

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
 Data File : BG040156.D
 Acq On : 26 Mar 2019 20:58
 Operator : JU/SJ
 Sample : PB118294BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

Quant Time: Mar 27 01:25:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42344	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	187946	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	127477	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	301597	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	299601	20.00	ng	-0.03
87) Perylene-d12	25.15	264	293183	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	197754	79.67	ng	-0.03
7) Phenol-d6	7.29	99	298668	80.70	ng	-0.03
23) Nitrobenzene-d5	9.32	82	288292	82.96	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	128988	86.81	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	716047	79.98	ng	-0.03
79) Terphenyl-d14	20.10	244	1182104	86.87	ng	-0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.58	88	45068	39.330 ng	88
3) Pyridine	3.98	79	124865	40.702 ng	95
4) n-Nitrosodimethylamine	3.90	42	58409	40.135 ng	# 87
6) Aniline	7.47	93	196300	40.485 ng	99
8) 2-Chlorophenol	7.70	128	121090	40.213 ng	96
9) Benzaldehyde	7.28	77	76860	32.195 ng	98
10) Phenol	7.31	94	165573	41.298 ng	99
11) bis(2-Chloroethyl)ether	7.56	93	124925	39.965 ng	96
12) 1,3-Dichlorobenzene	8.03	146	138792	40.754 ng	95
13) 1,4-Dichlorobenzene	8.17	146	141608	40.822 ng	99
14) 1,2-Dichlorobenzene	8.50	146	135718	40.494 ng	99
15) Benzyl Alcohol	8.38	79	122223	41.633 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	232132	37.130 ng	98
17) 2-Methylphenol	8.57	107	109763	42.936 ng	95
18) Hexachloroethane	9.22	117	50120	40.267 ng	98
19) n-Nitroso-di-n-propylamine	8.94	70	105232	39.504 ng	94
20) 3+4-Methylphenols	8.90	107	148413	41.789 ng	98
22) Acetophenone	8.97	105	203431	40.328 ng	# 94
24) Nitrobenzene	9.36	77	154194	42.296 ng	95
25) Isophorone	9.88	82	302391	41.529 ng	96
26) 2-Nitrophenol	10.07	139	80536	45.755 ng	95
27) 2,4-Dimethylphenol	10.11	122	123117	44.974 ng	96
28) bis(2-Chloroethoxy)methane	10.35	93	178013	40.230 ng	97
29) 2,4-Dichlorophenol	10.60	162	140552	45.602 ng	91
30) 1,2,4-Trichlorobenzene	10.82	180	145828	42.047 ng	97
31) Naphthalene	11.01	128	413275	41.531 ng	99
32) Benzoic acid	10.25	122	43551	26.583 ng	92
33) 4-Chloroaniline	11.12	127	187301	44.388 ng	97
34) Hexachlorobutadiene	11.27	225	98480	41.553 ng	94
35) Caprolactam	11.91	113	46473	39.472 ng	98
36) 4-Chloro-3-methylphenol	12.23	107	150632	42.634 ng	99
37) 2-Methylnaphthalene	12.60	142	319764	42.981 ng	97
38) 1-Methylnaphthalene	12.82	142	302674	41.864 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	180588	41.816 ng	100

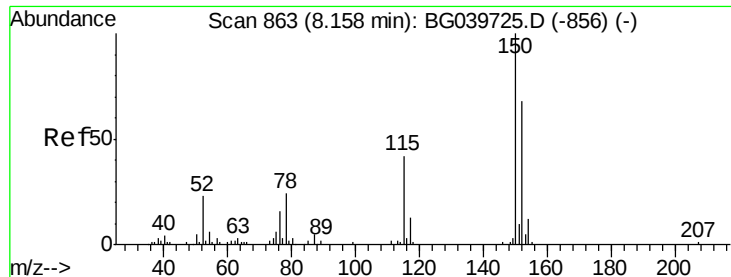
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
 Data File : BG040156.D
 Acq On : 26 Mar 2019 20:58
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	228540	98.749	ng	100
43) 2,4,6-Trichlorophenol	13.20	196	117146	46.333	ng	99
44) 2,4,5-Trichlorophenol	13.27	196	126233	44.294	ng	95
46) 1,1'-Biphenyl	13.60	154	420967	40.150	ng	98
47) 2-Chloronaphthalene	13.65	162	326592	41.406	ng	99
48) 2-Nitroaniline	13.86	65	111030	43.802	ng	91
49) Acenaphthylene	14.49	152	516672	39.902	ng	99
50) Dimethylphthalate	14.22	163	432003	40.527	ng	99
51) 2,6-Dinitrotoluene	14.35	165	97745	43.255	ng	95
52) Acenaphthene	14.83	154	316050	40.554	ng	99
53) 3-Nitroaniline	14.68	138	95479	42.033	ng	# 96
54) 2,4-Dinitrophenol	14.88	184	34498	27.873	ng	97
55) Dibenzofuran	15.16	168	521250	40.766	ng	98
56) 4-Nitrophenol	14.98	139	137821	67.824	ng	91
57) 2,4-Dinitrotoluene	15.13	165	138134	43.504	ng	# 86
58) Fluorene	15.81	166	410698	40.858	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	124234	44.636	ng	96
60) Diethylphthalate	15.56	149	430497	40.797	ng	98
61) 4-Chlorophenyl-phenylether	15.79	204	222792	41.535	ng	94
62) 4-Nitroaniline	15.84	138	103209	41.910	ng	95
63) Azobenzene	16.09	77	381272	39.860	ng	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	49198	27.589	ng	93
66) n-Nitrosodiphenylamine	16.01	169	373387	42.764	ng	97
67) 4-Bromophenyl-phenylether	16.69	248	144285	42.740	ng	93
68) Hexachlorobenzene	16.80	284	149927	42.844	ng	94
69) Atrazine	16.95	200	93859	27.314	ng	94
70) Pentachlorophenol	17.15	266	154422	69.874	ng	99
71) Phenanthrene	17.55	178	673242	40.527	ng	99
72) Anthracene	17.65	178	684728	42.297	ng	100
73) Carbazole	17.92	167	589338	40.382	ng	99
74) Di-n-butylphthalate	18.44	149	711414	41.431	ng	99
75) Fluoranthene	19.56	202	805460	41.026	ng	99
77) Benzidine	19.74	184	673190	70.808	ng	99
78) Pyrene	19.92	202	799150	41.049	ng	99
80) Butylbenzylphthalate	20.78	149	328107	43.501	ng	94
81) Benzo(a)anthracene	21.78	228	781687	41.630	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	280727	40.950	ng	98
83) Chrysene	21.85	228	729880	40.095	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	451530	42.601	ng	# 99
85) Di-n-octyl phthalate	22.88	149	774996	44.160	ng	# 94
86) Indeno(1,2,3-cd)pyrene	29.01	276	847484	41.038	ng	# 97
88) Benzo(b)fluoranthene	24.07	252	750404	42.922	ng	# 98
89) Benzo(k)fluoranthene	24.15	252	736783	45.273	ng	99
90) Benzo(a)pyrene	24.99	252	737889	45.675	ng	98
91) Dibenzo(a,h)anthracene	29.07	278	680993	42.997	ng	97
92) Benzo(g,h,i)perylene	30.22	276	699599	43.982	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

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PB118294BSD

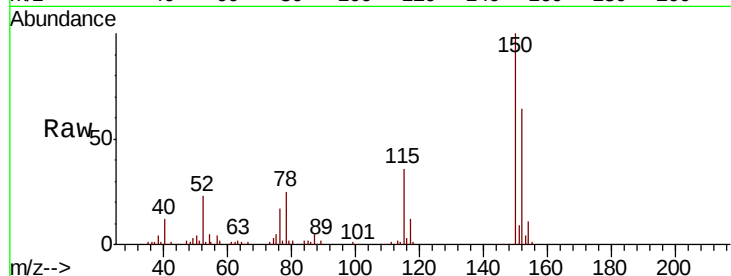
Tgt Ion:152 Resp: 42344

Ion Ratio Lower Upper

152 100

150 156.5 123.7 185.5

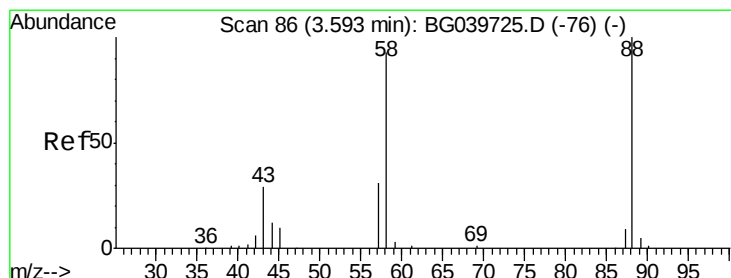
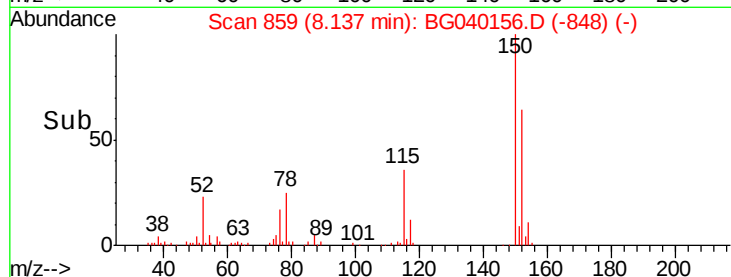
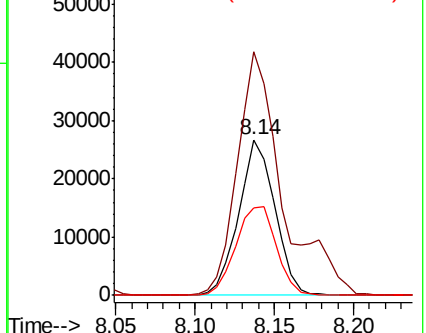
115 55.9 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.330 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

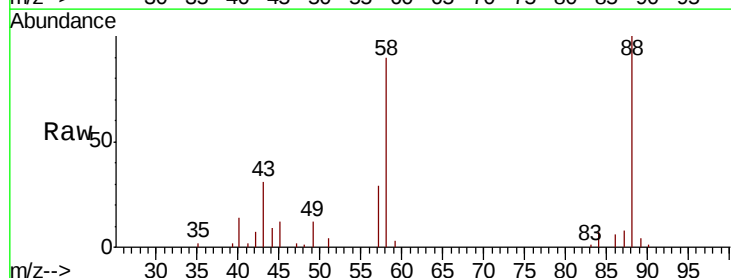
Tgt Ion: 88 Resp: 45068

Ion Ratio Lower Upper

88 100

58 88.9 81.1 121.7

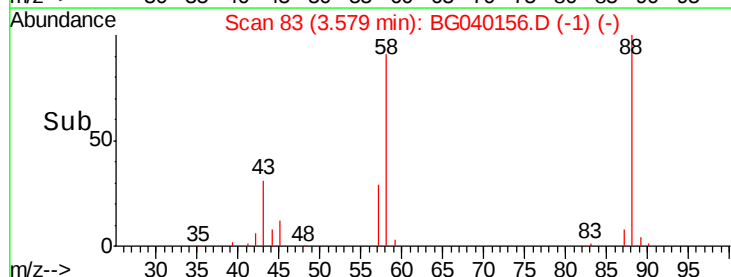
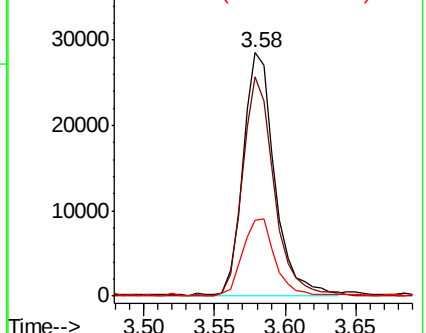
43 32.8 31.4 47.0

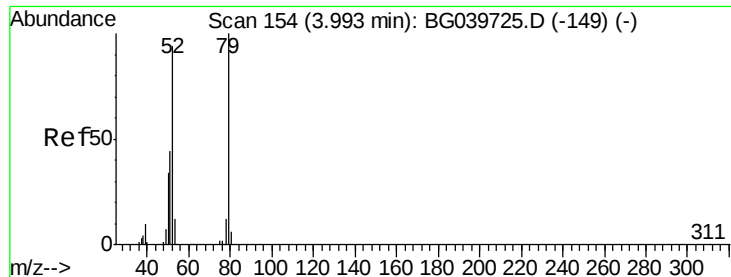


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 40.702 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

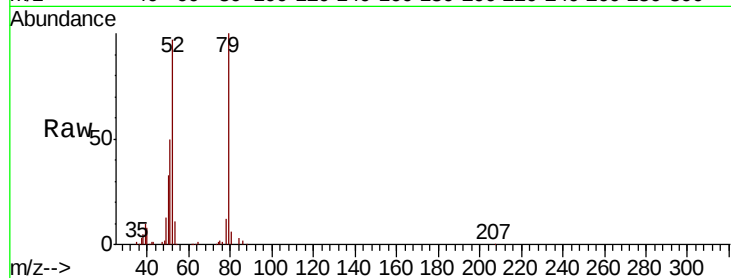
Tgt Ion: 79 Resp: 124865

Ion Ratio Lower Upper

79 100

52 97.4 82.6 124.0

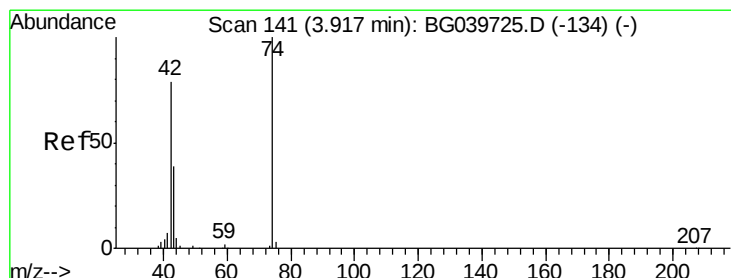
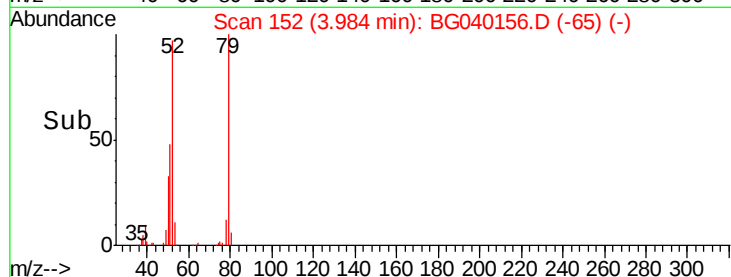
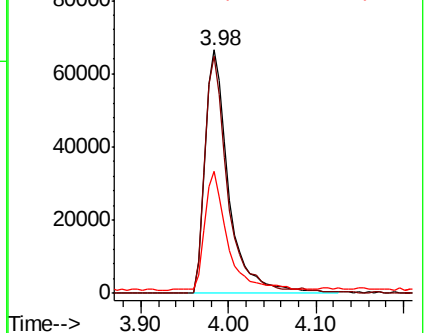
51 49.9 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.135 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

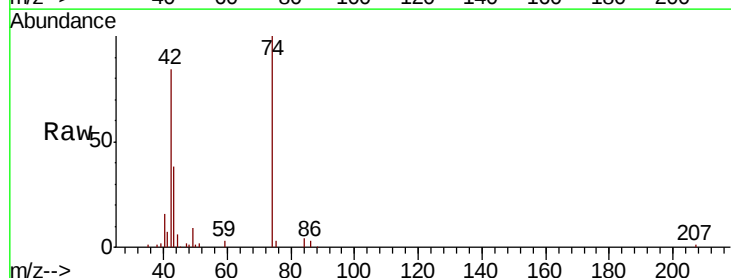
Tgt Ion: 42 Resp: 58409

Ion Ratio Lower Upper

42 100

74 118.5 83.6 125.4

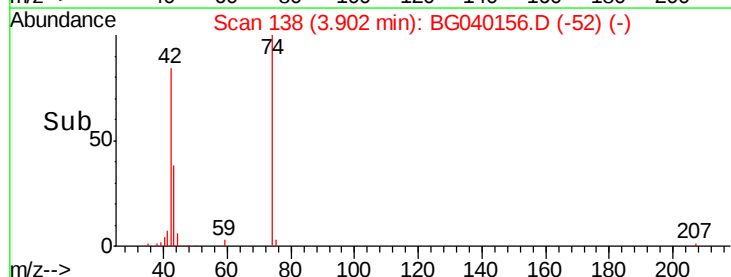
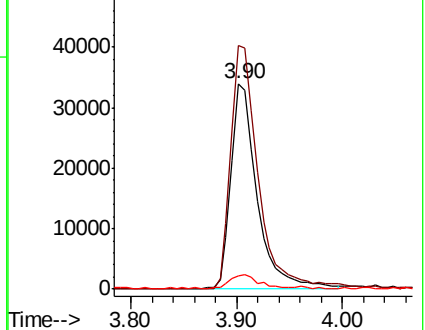
44 6.6 6.9 10.3#

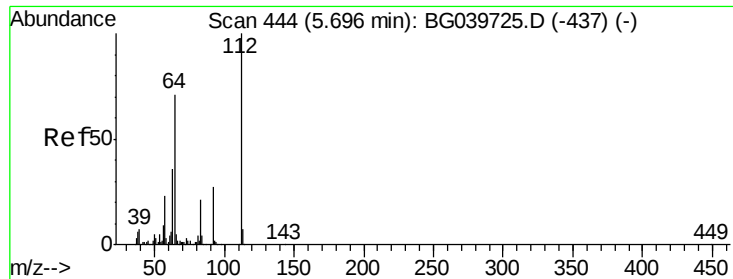


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 79.674 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

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PB118294BSD

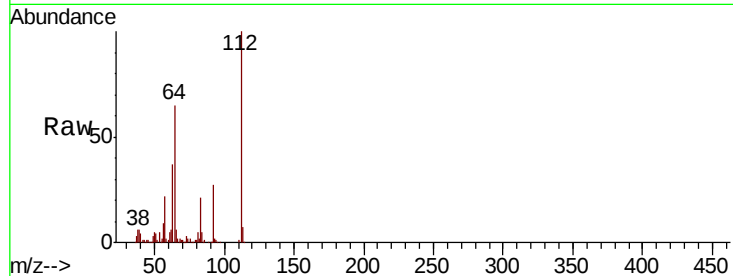
Tgt Ion: 112 Resp: 197754

Ion Ratio Lower Upper

112 100

64 65.2 57.8 86.8

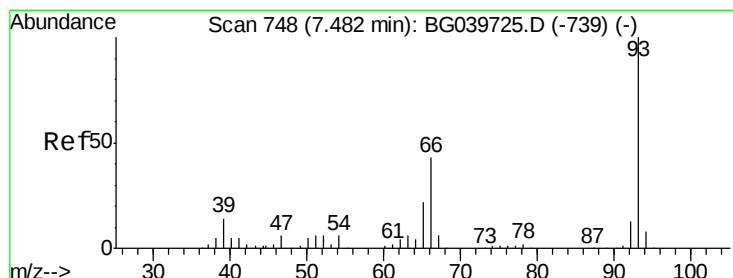
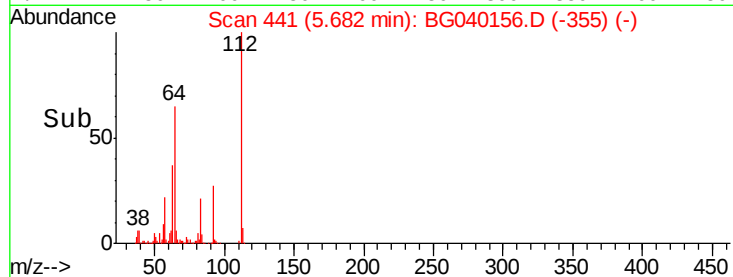
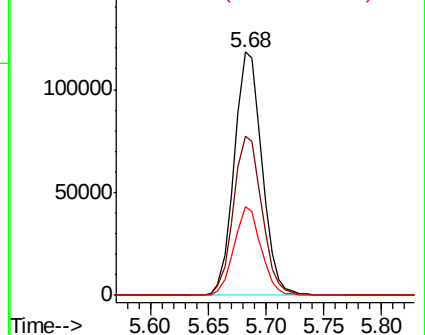
63 36.6 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.485 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

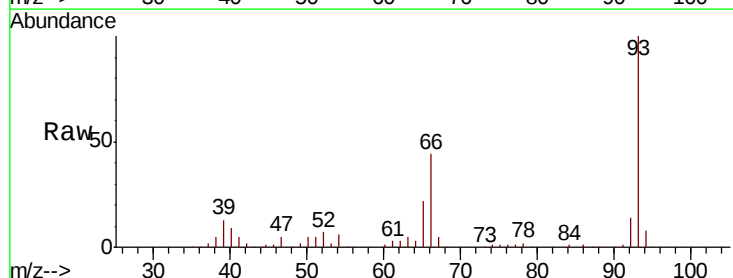
Tgt Ion: 93 Resp: 196300

Ion Ratio Lower Upper

93 100

66 43.6 34.2 51.4

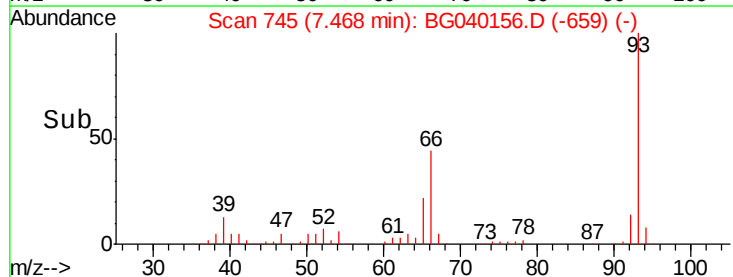
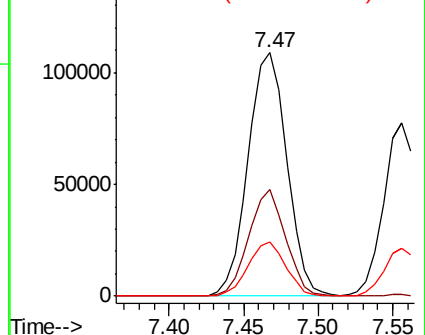
65 22.4 17.7 26.5

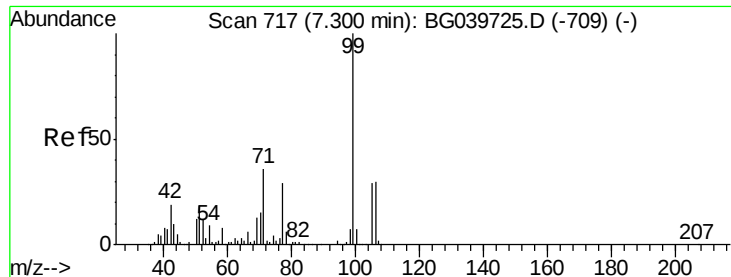


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.702 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040156.D

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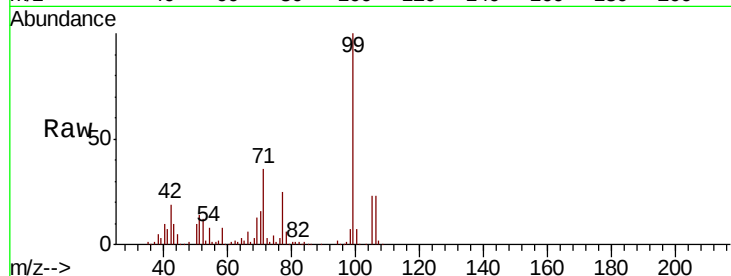
Tgt Ion: 99 Resp: 298668

Ion Ratio Lower Upper

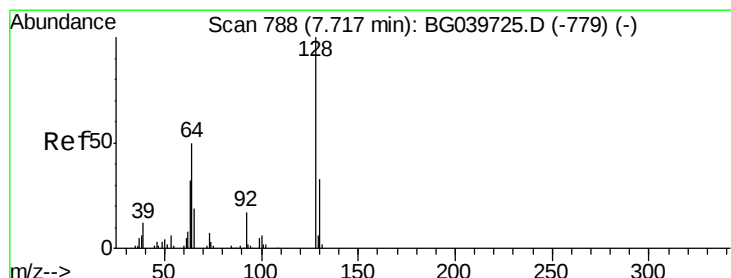
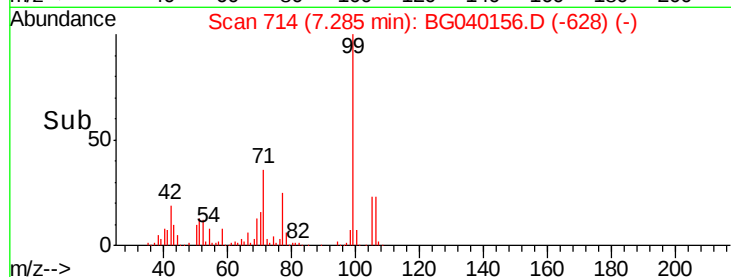
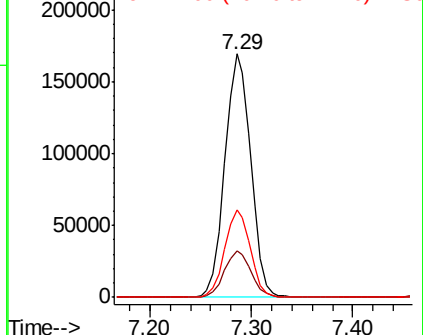
99 100

42 18.9 18.2 27.2

71 35.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.213 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

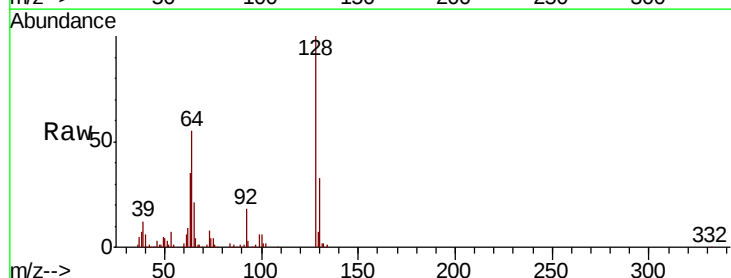
Tgt Ion: 128 Resp: 121090

Ion Ratio Lower Upper

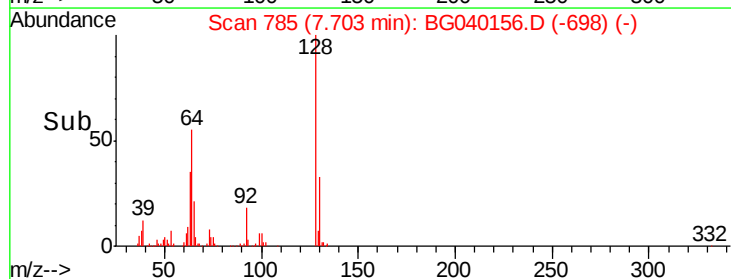
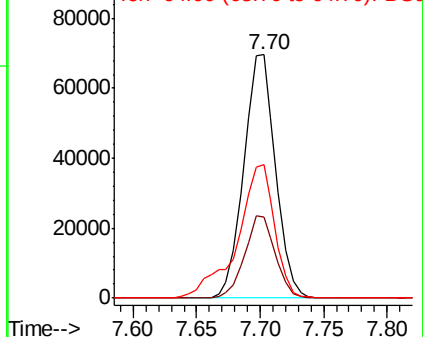
128 100

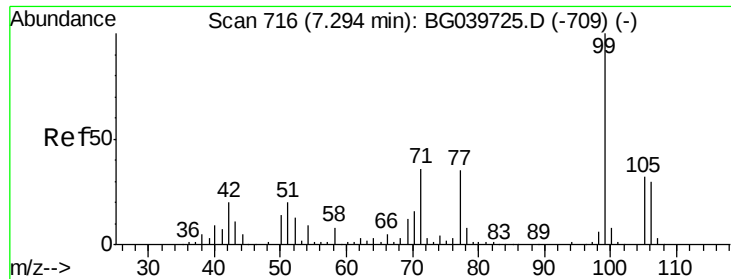
130 33.4 12.9 52.9

64 55.0 38.7 78.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 32.195 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

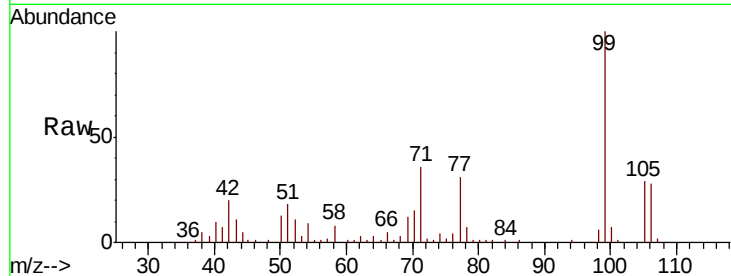
Tgt Ion: 77 Resp: 76860

Ion Ratio Lower Upper

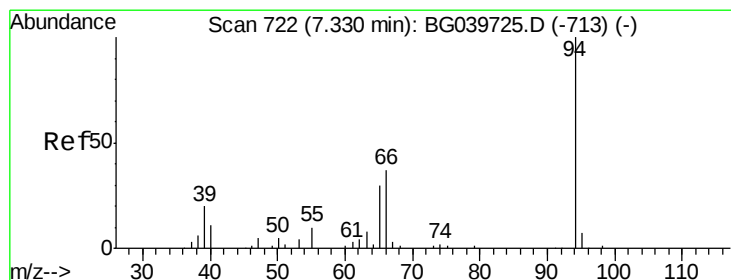
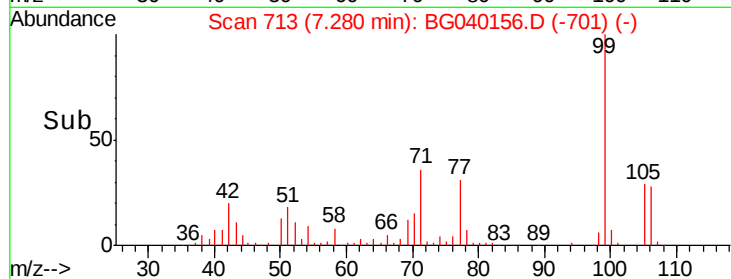
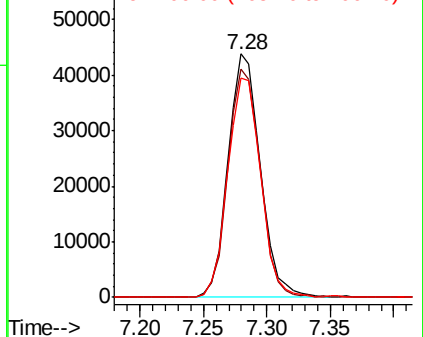
77 100

105 93.6 74.5 114.5

106 90.2 68.0 108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.298 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

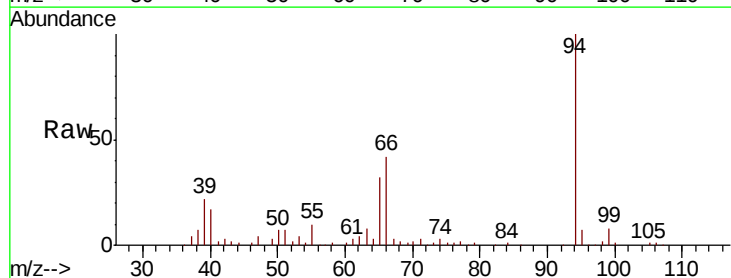
Tgt Ion: 94 Resp: 165573

Ion Ratio Lower Upper

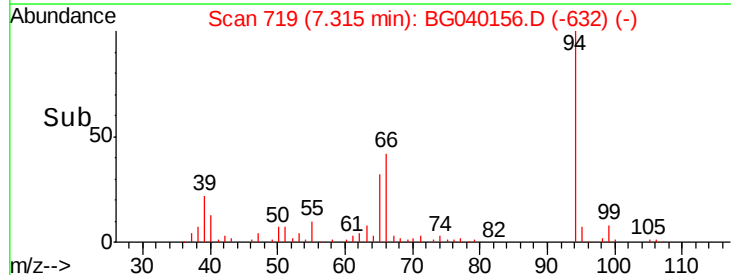
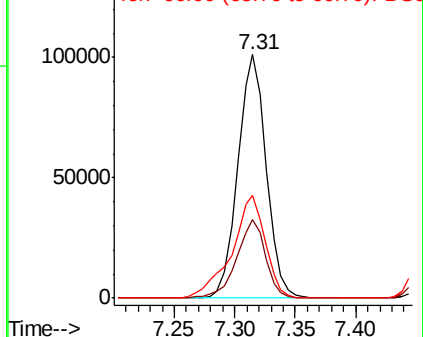
94 100

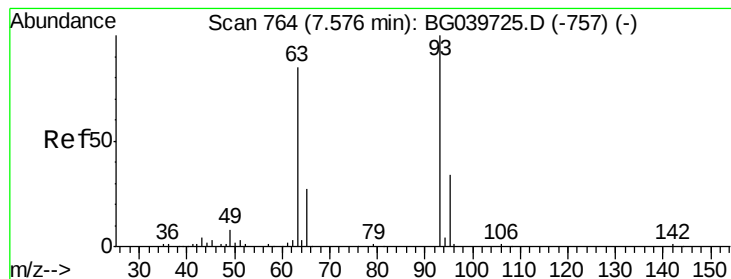
65 32.2 11.7 51.7

66 42.4 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.965 ng

RT: 7.56 min Scan# 760

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

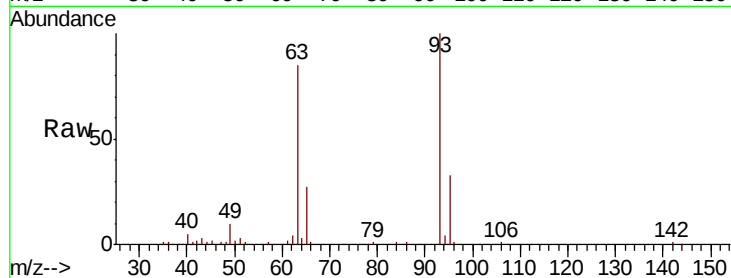
Tgt Ion: 93 Resp: 124925

Ion Ratio Lower Upper

93 100

63 84.7 69.5 109.5

95 33.5 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

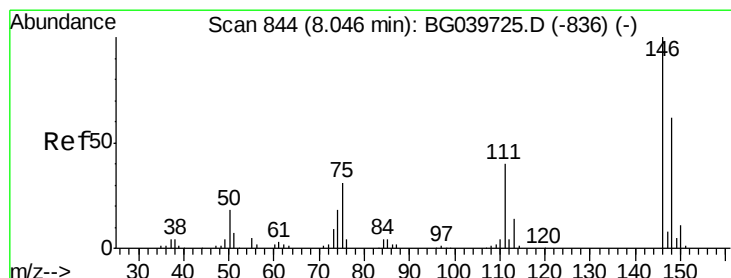
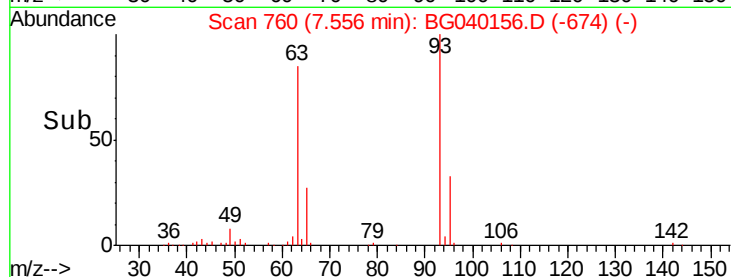
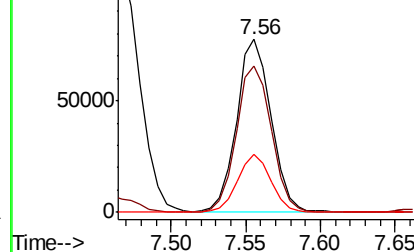
150000

100000

50000

0

7.50 7.55 7.60 7.65



#12

1,3-Dichlorobenzene

Concen: 40.754 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

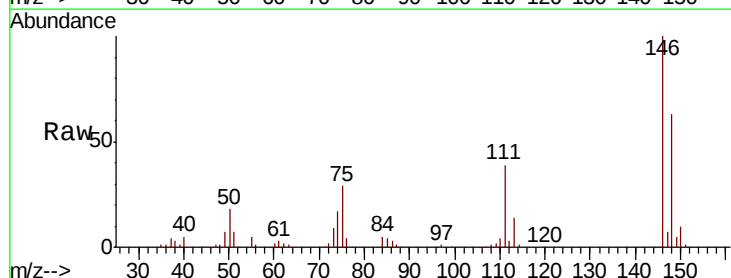
Tgt Ion: 146 Resp: 138792

Ion Ratio Lower Upper

146 100

148 62.7 52.6 79.0

75 29.0 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

100000

80000

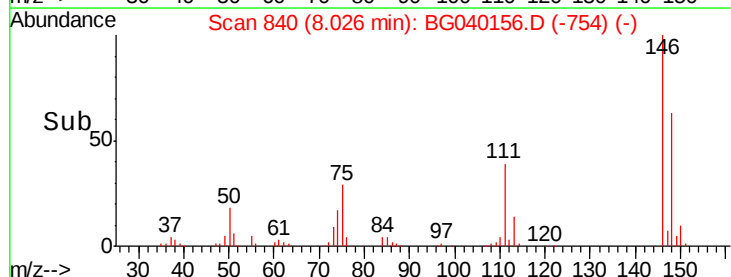
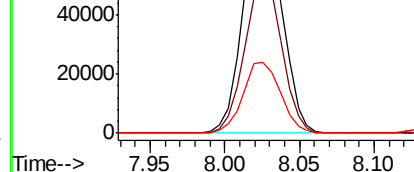
60000

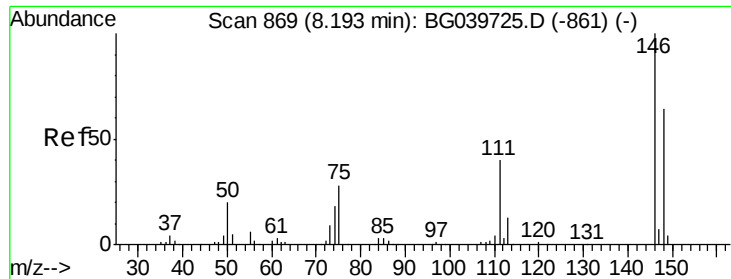
40000

20000

0

7.95 8.00 8.05 8.10

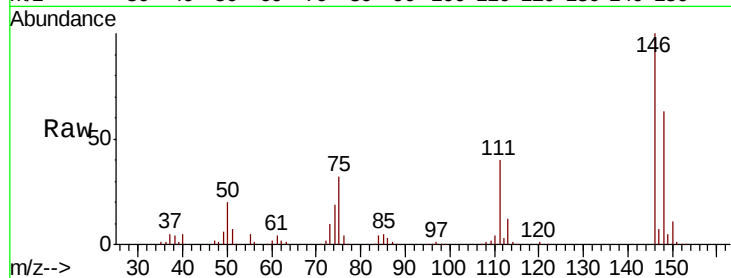




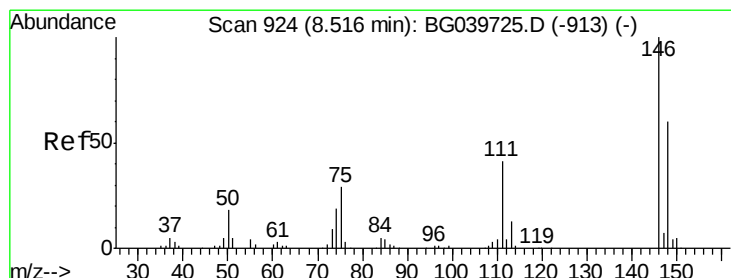
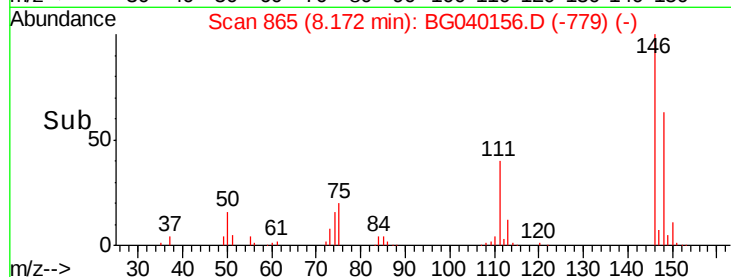
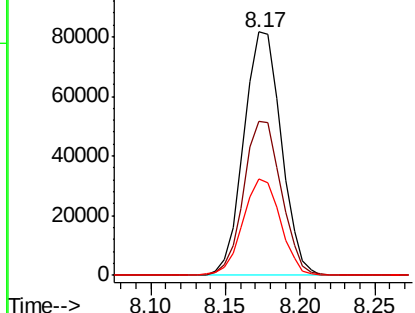
#13
 1,4-Dichlorobenzene
 Concen: 40.822 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

Tgt Ion:146 Resp: 141608
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.1 76.7
 111 39.8 32.6 48.8

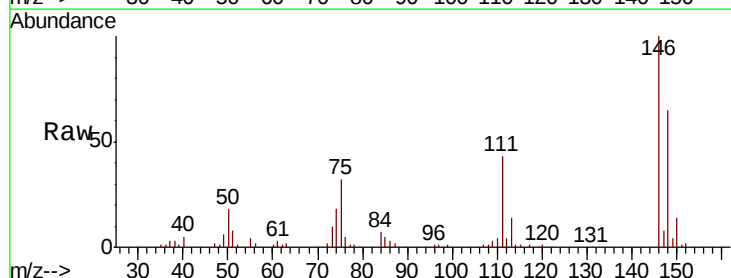


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

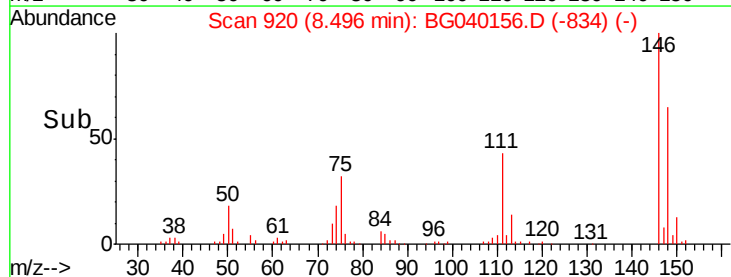
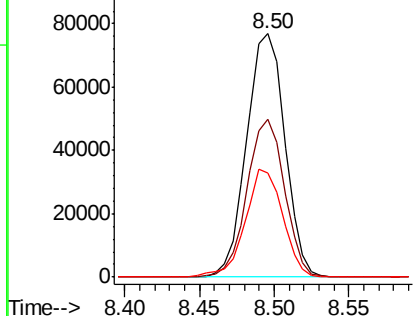


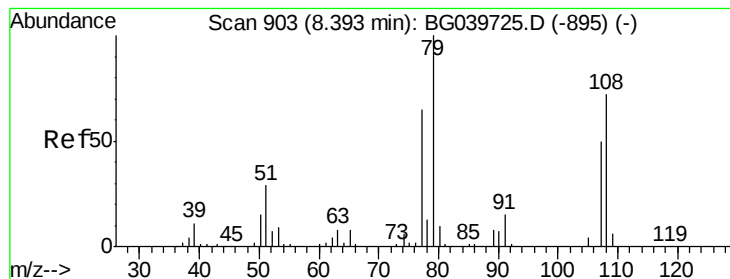
#14
 1,2-Dichlorobenzene
 Concen: 40.494 ng
 RT: 8.50 min Scan# 920
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion:146 Resp: 135718
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.5 77.3
 111 42.7 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.633 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

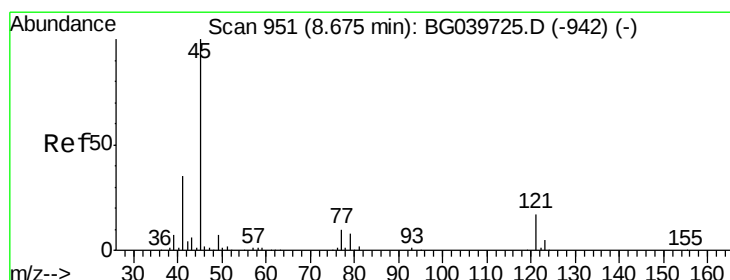
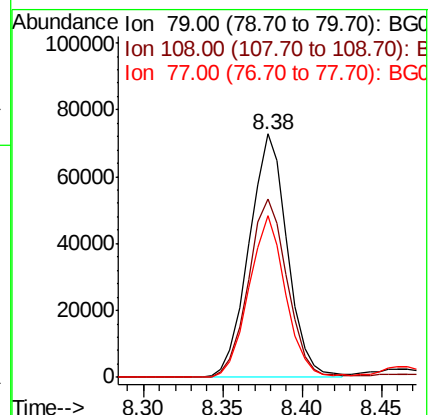
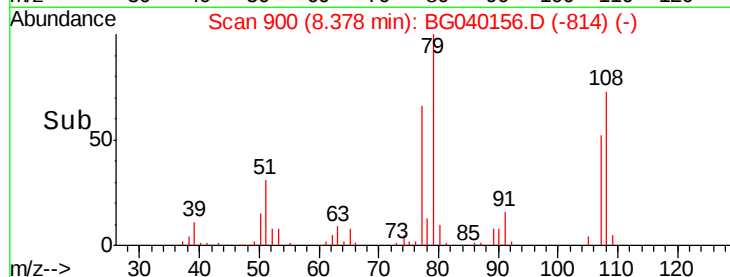
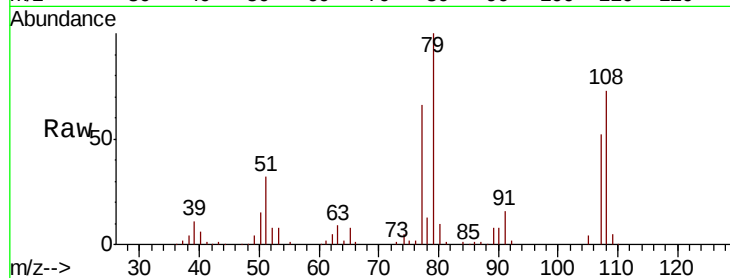
Tgt Ion: 79 Resp: 122223

Ion Ratio Lower Upper

79 100

108 73.2 57.8 86.6

77 66.4 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.130 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

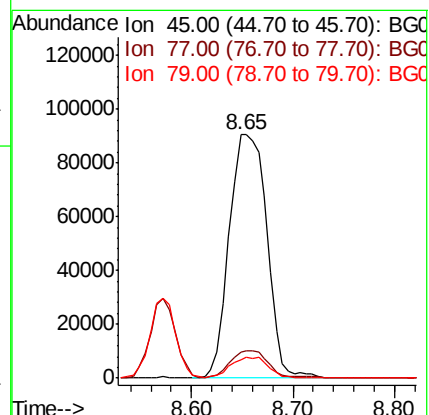
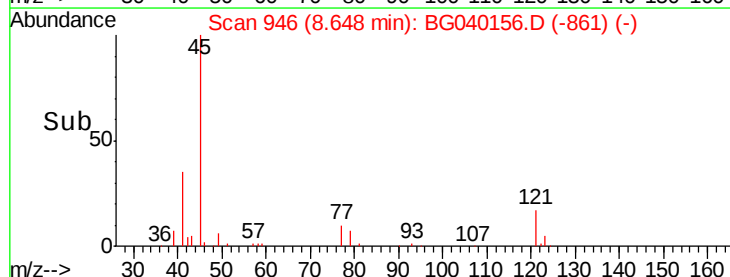
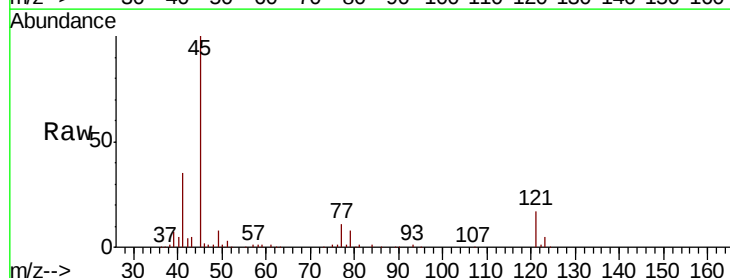
Tgt Ion: 45 Resp: 232132

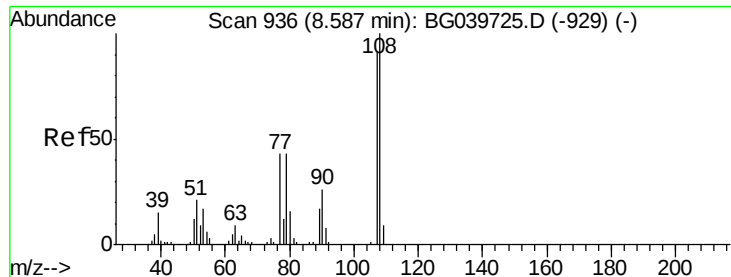
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.0

79 7.6 0.0 27.5

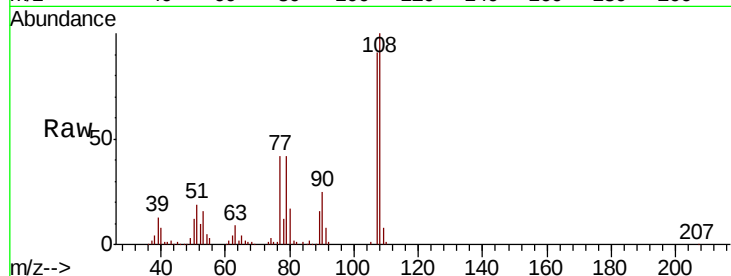




#17
 2-Methylphenol
 Concen: 42.936 ng
 RT: 8.57 min Scan# 933
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

Tgt Ion:	107	Resp:	109763
Ion	Ratio	Lower	Upper
107	100		
108	109.6	90.8	136.2
77	45.9	40.7	61.1
79	45.7	40.6	60.8



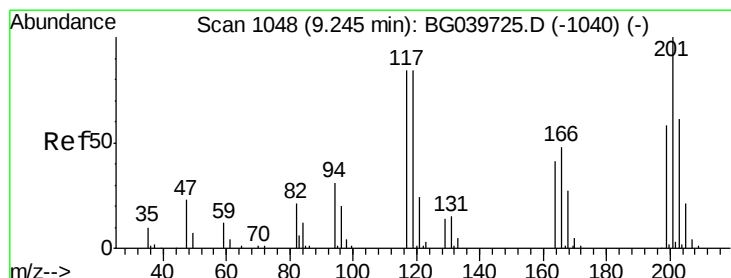
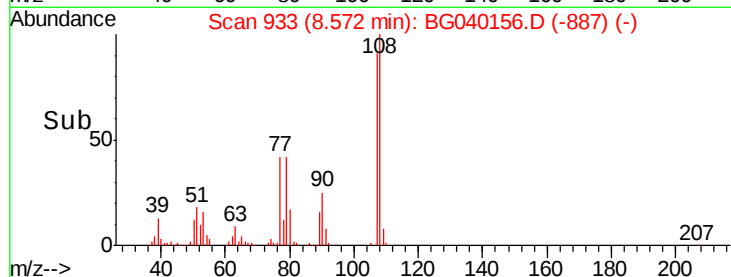
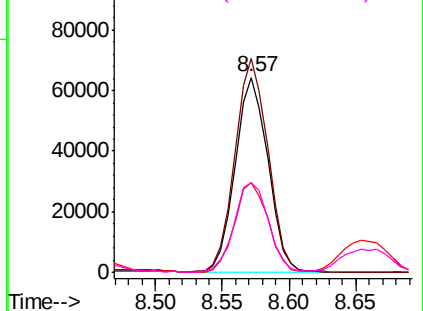
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

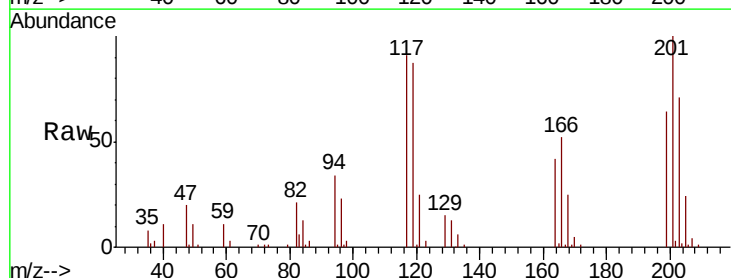
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
 Hexachloroethane
 Concen: 40.267 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion:	117	Resp:	50120
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.3	114.5
201	110.5	91.1	136.7

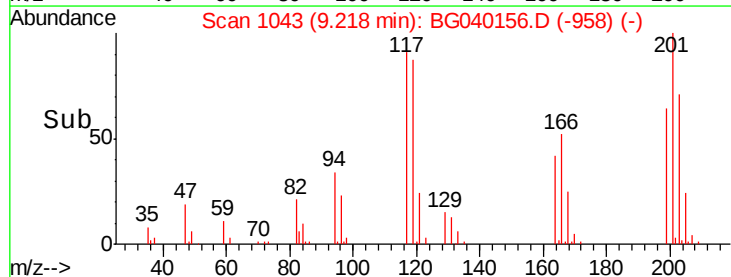
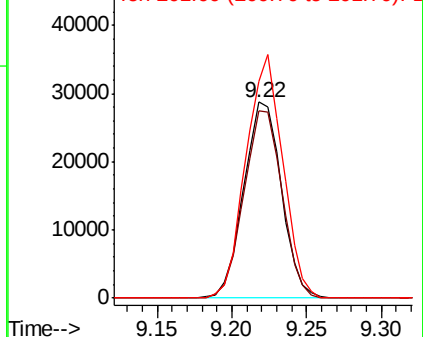


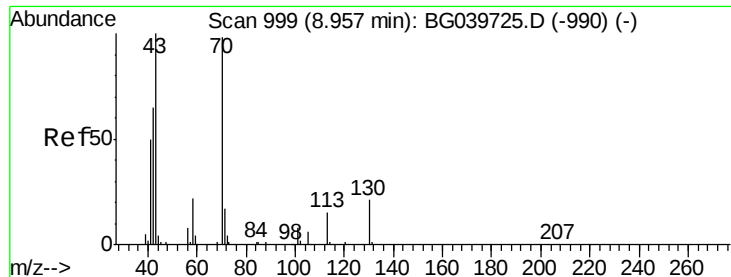
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

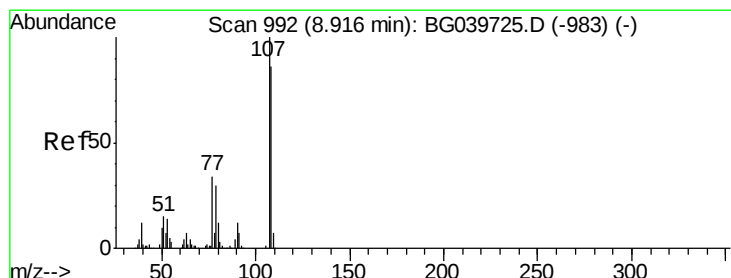
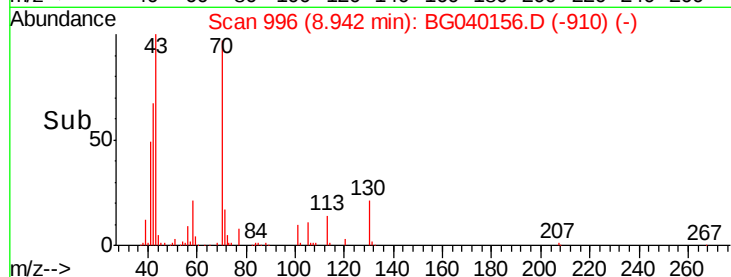
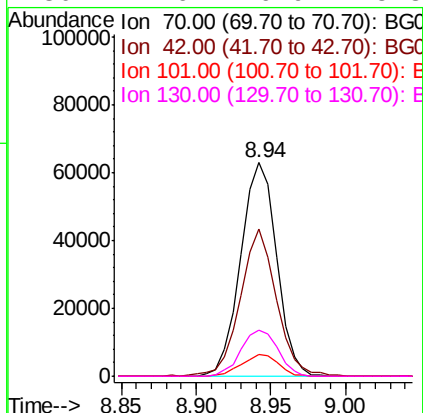
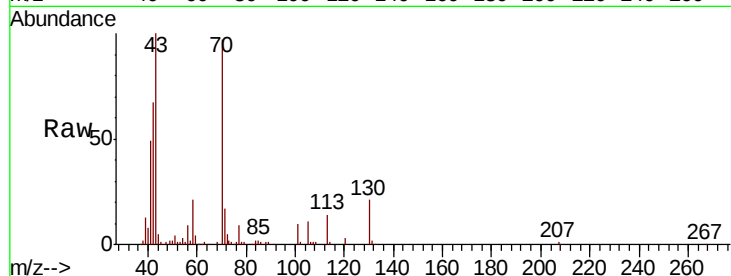




#19
n-Nitroso-di-n-propylamine
Concen: 39.504 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

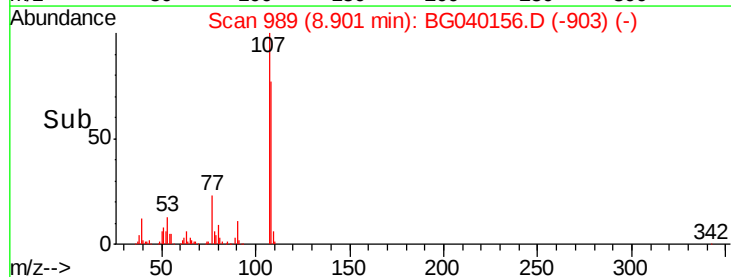
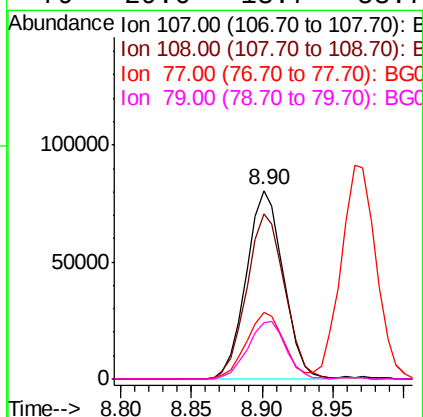
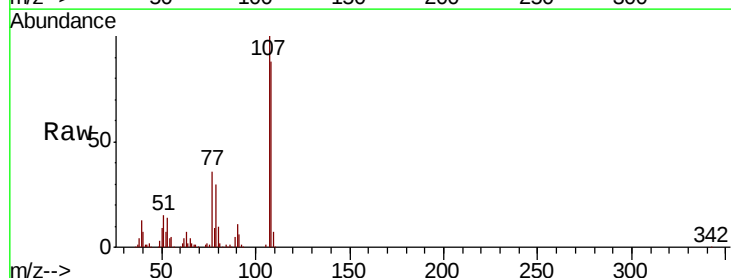
Instrument :
BNA_G
ClientSampleId :
PB118294BSD

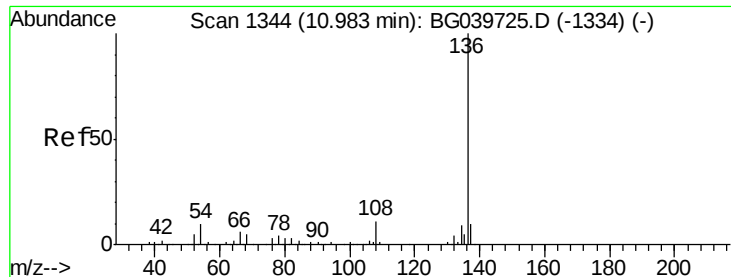
Tgt Ion:	70	Resp:	105232
Ion	Ratio	Lower	Upper
70	100		
42	68.9	60.4	90.6
101	10.4	7.5	11.3
130	21.6	16.9	25.3



#20
3+4-Methylphenols
Concen: 41.789 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion:	107	Resp:	148413
Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.9	107.9
77	35.6	15.4	55.4
79	29.6	13.7	53.7

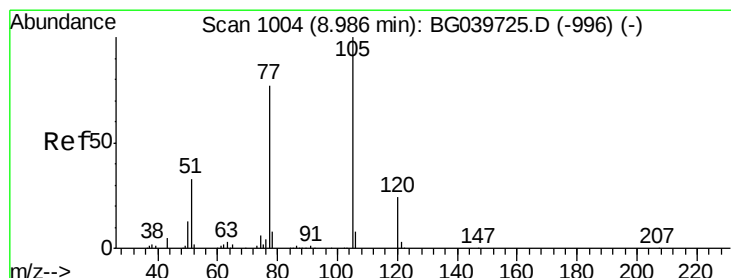
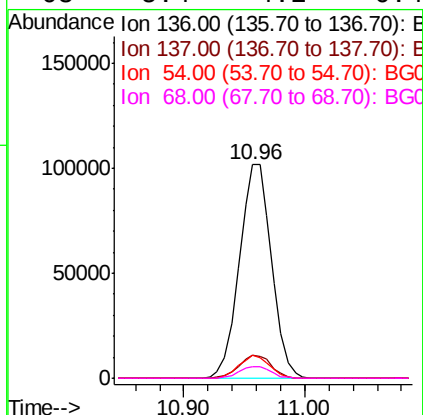
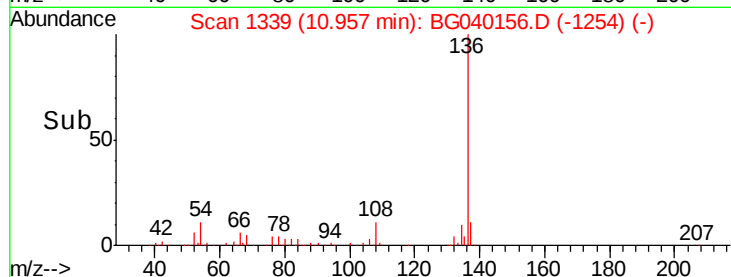
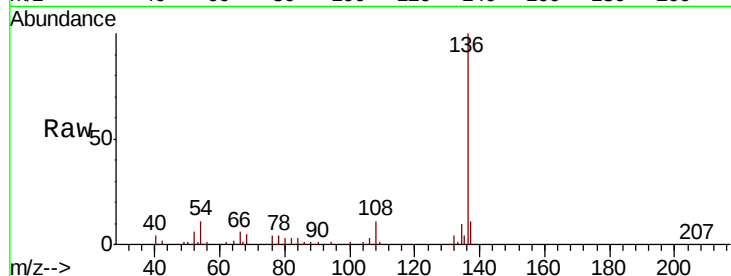




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

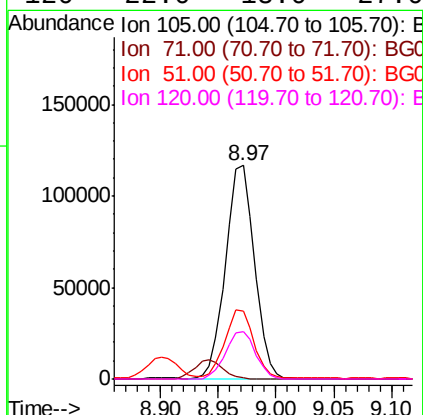
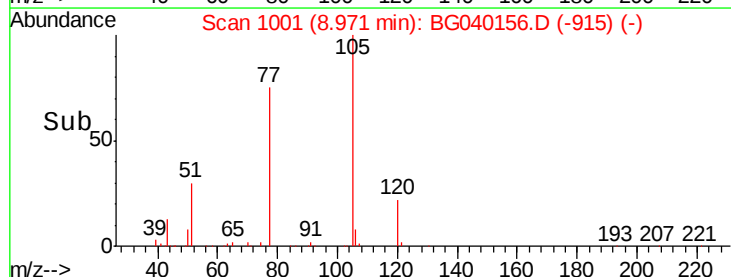
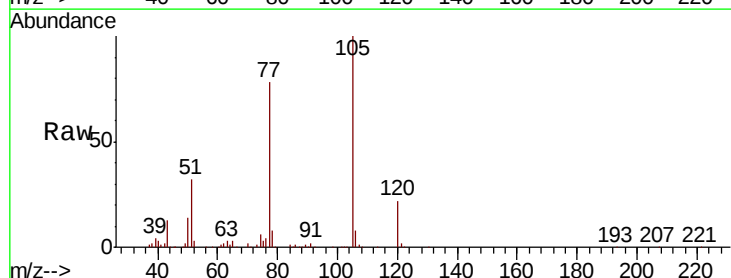
Instrument :
BNA_G
ClientSampleId :
PB118294BSD

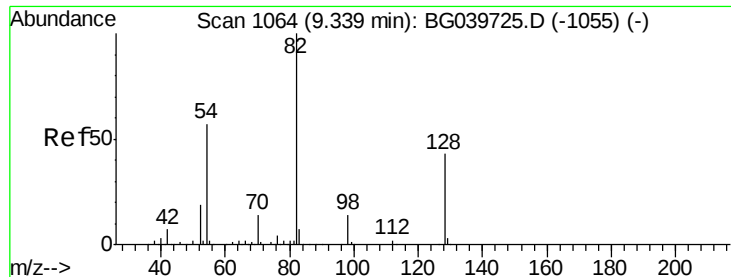
Tgt Ion:	136	Resp:	187946
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.5	9.4	14.2
68	5.4	4.2	6.4



#22
Acetophenone
Concen: 40.328 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion:	105	Resp:	203431
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.8	1.2#
51	32.0	30.2	45.2
120	22.0	18.0	27.0

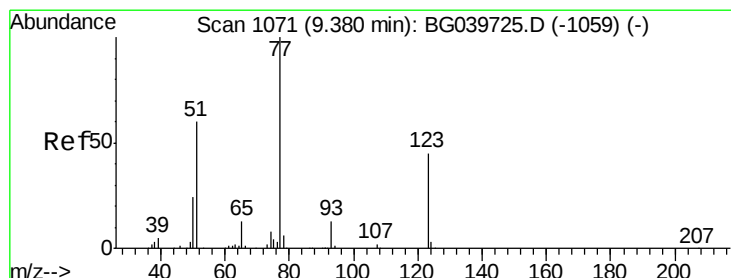
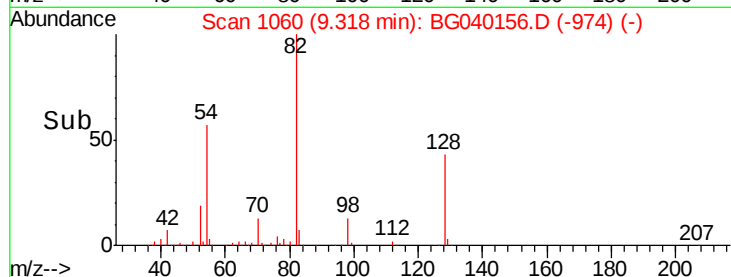
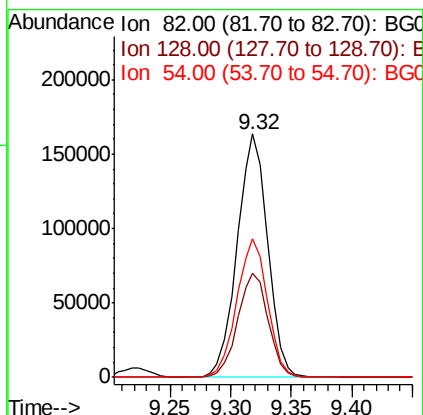
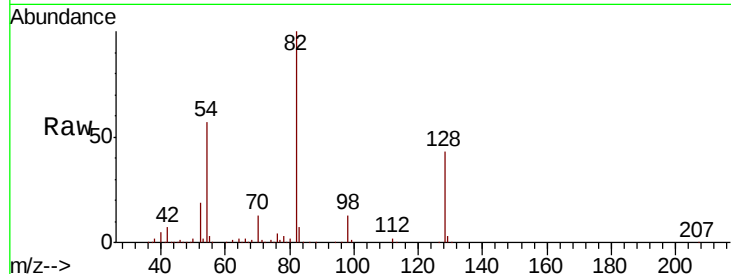




#23
 Nitrobenzene-d5
 Concen: 82.960 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

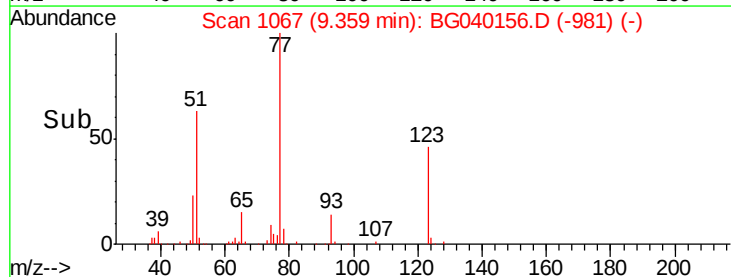
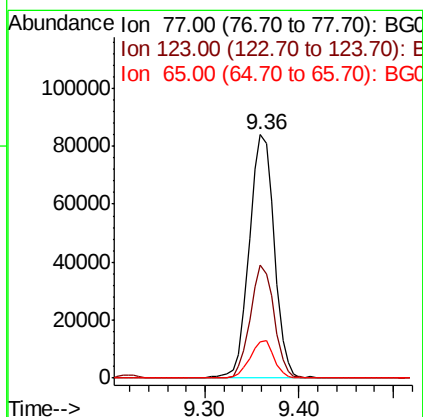
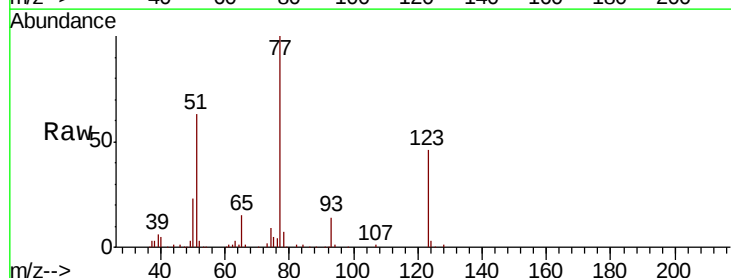
Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

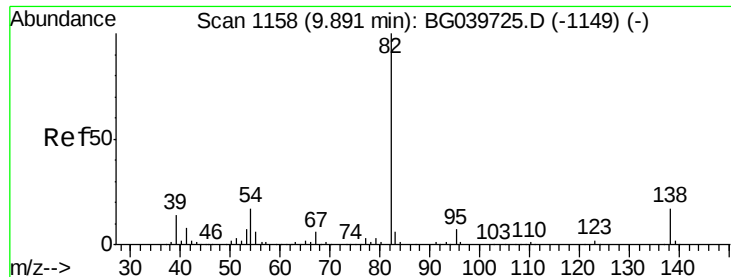
Tgt Ion: 82 Resp: 288292
 Ion Ratio Lower Upper
 82 100
 128 42.7 31.3 46.9
 54 57.1 50.9 76.3



#24
 Nitrobenzene
 Concen: 42.296 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion: 77 Resp: 154194
 Ion Ratio Lower Upper
 77 100
 123 46.4 34.1 51.1
 65 14.9 12.3 18.5





#25

Isophorone

Concen: 41.529 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

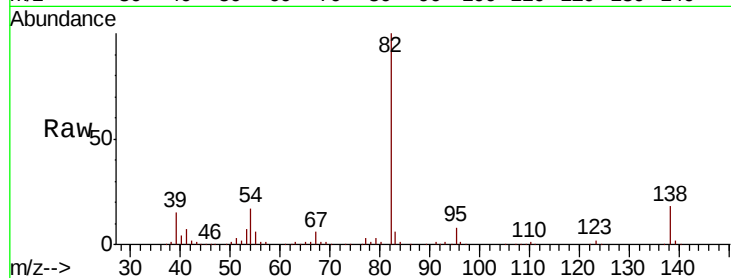
Tgt Ion: 82 Resp: 302391

Ion Ratio Lower Upper

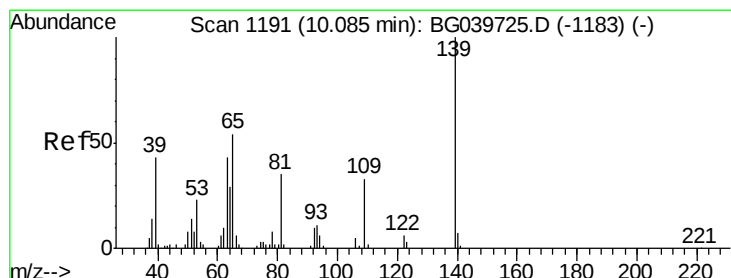
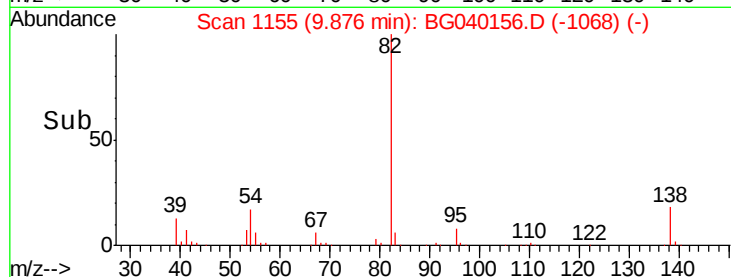
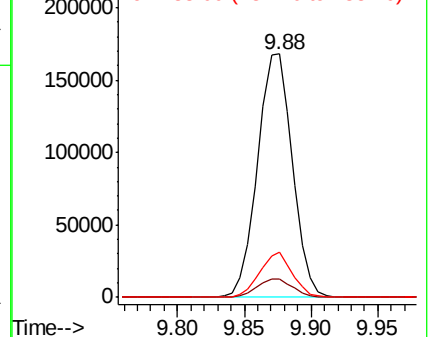
82 100

95 7.5 6.2 9.2

138 18.3 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 45.755 ng

RT: 10.07 min Scan# 1188

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

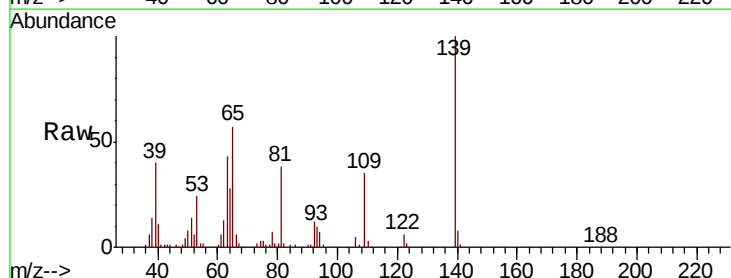
Tgt Ion: 139 Resp: 80536

Ion Ratio Lower Upper

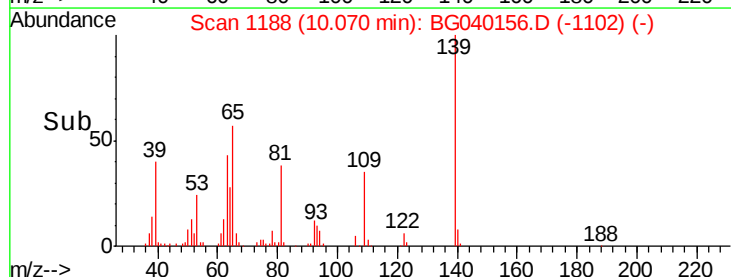
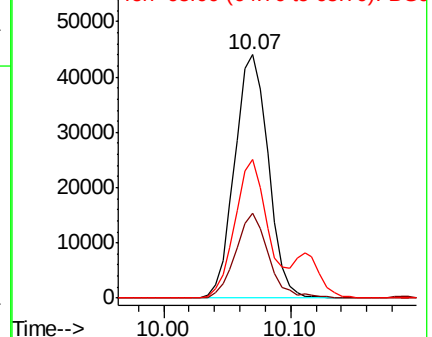
139 100

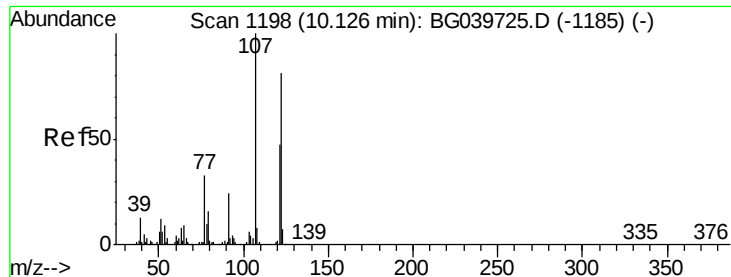
109 34.7 23.4 35.0

65 56.8 44.3 66.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

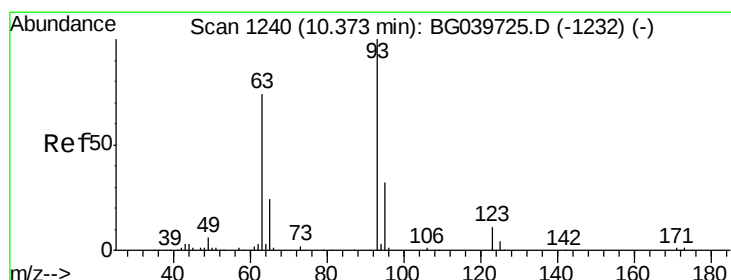
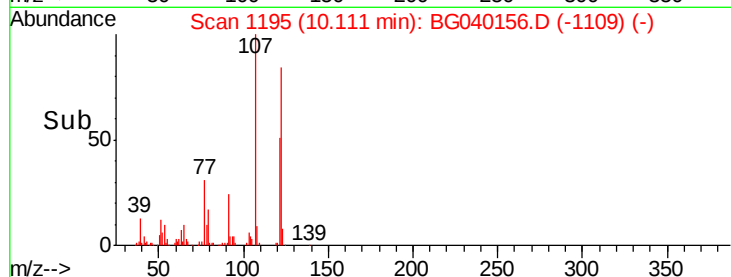
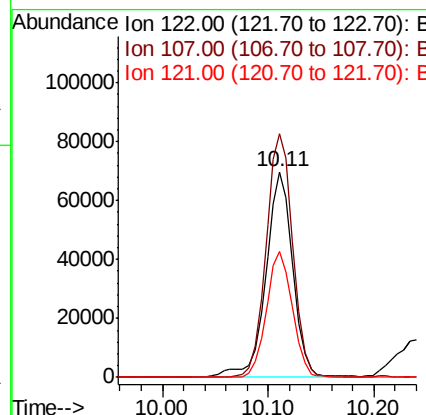
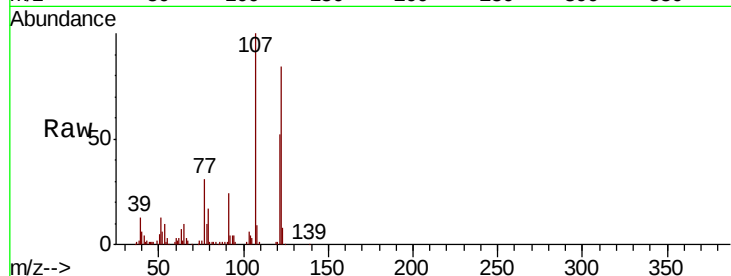




#27
2,4-Dimethylphenol
Concen: 44.974 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

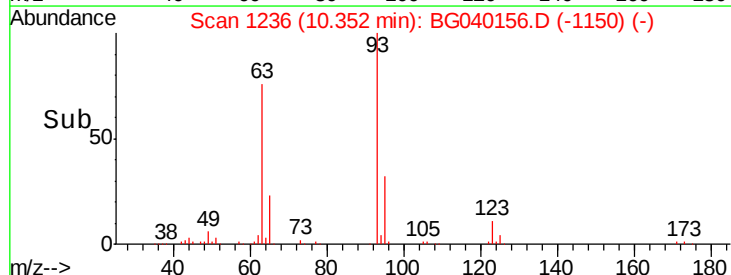
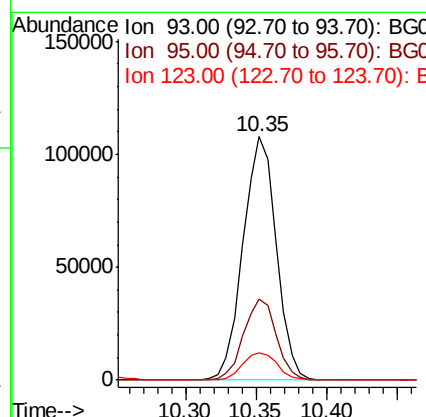
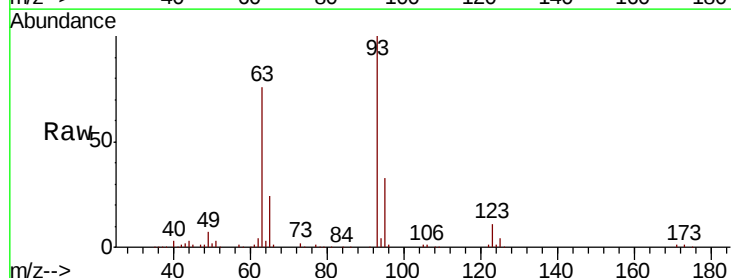
Instrument :
BNA_G
ClientSampleId :
PB118294BSD

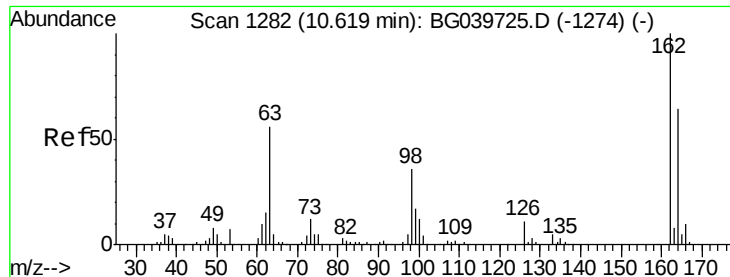
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.5	91.7	137.5
121	61.1	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.230 ng
RT: 10.35 min Scan# 1236
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.0	37.4
123	11.4	8.6	12.8

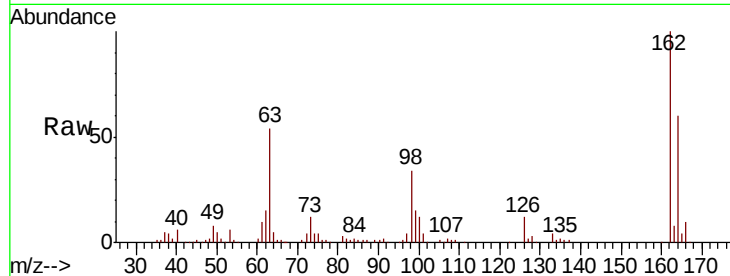




#29
 2,4-Dichlorophenol
 Concen: 45.602 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	140552		
164	60.2	48.1	88.1	
98	34.1	18.1	58.1	

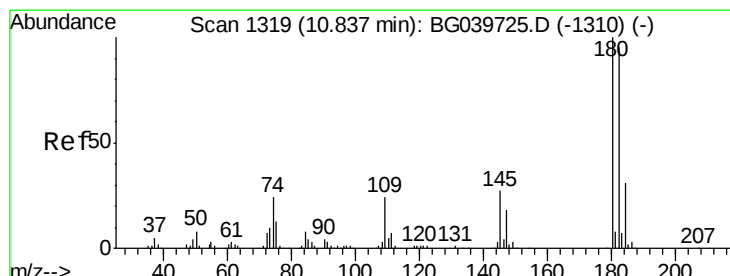
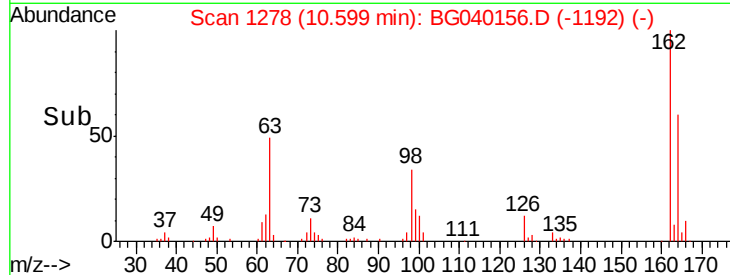
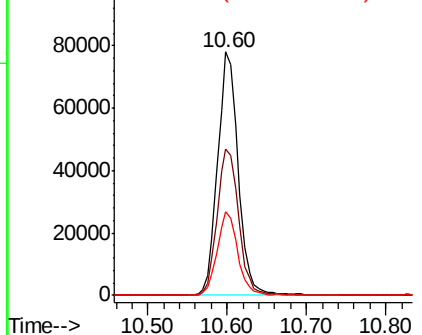


Abundance

Ion 162.00 (161.70 to 162.70): E

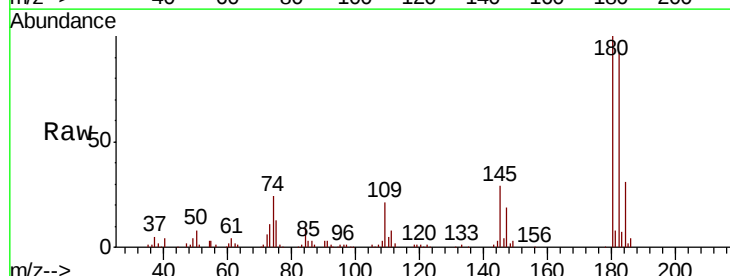
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 42.047 ng
 RT: 10.82 min Scan# 1315
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	145828		
182	92.0	76.0	114.0	
145	28.8	22.7	34.1	

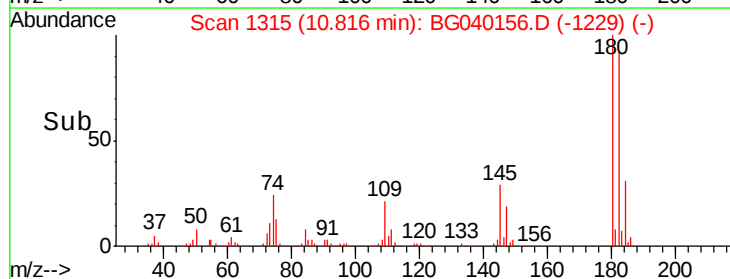
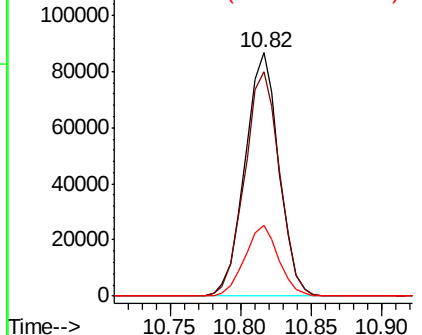


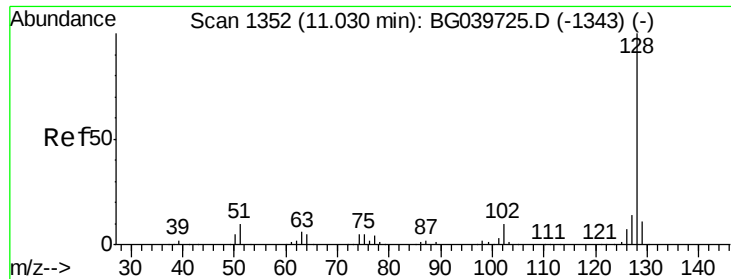
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

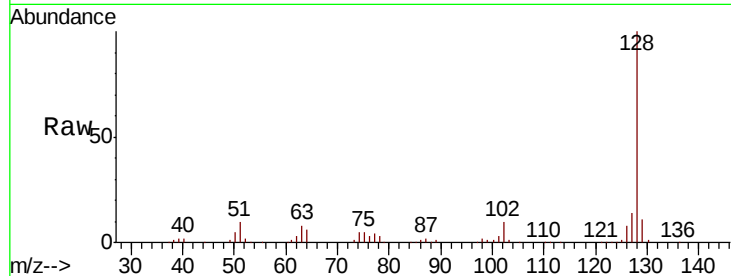




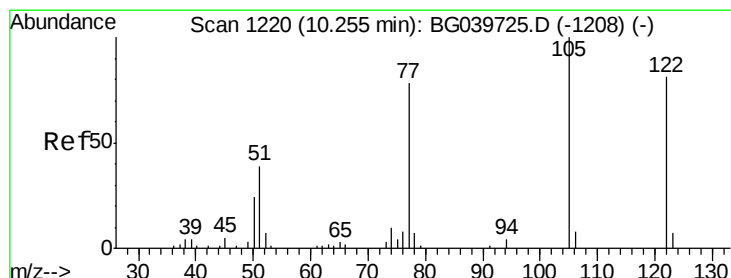
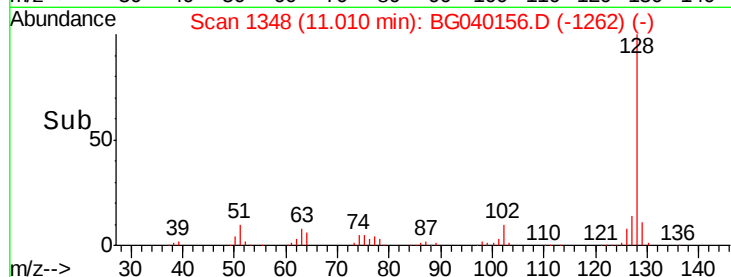
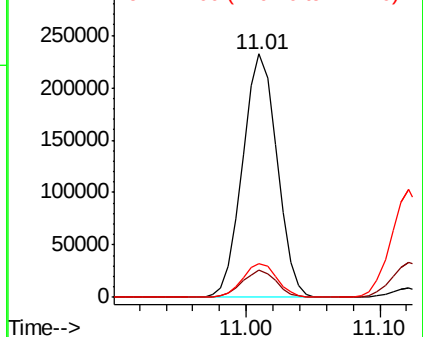
#31
Naphthalene
Concen: 41.531 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tgt Ion:128 Resp: 413275
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.9 10.8 16.2

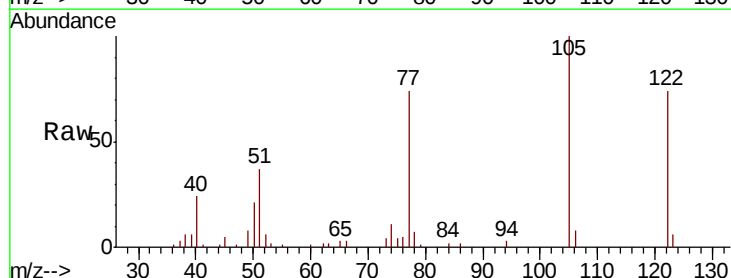


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

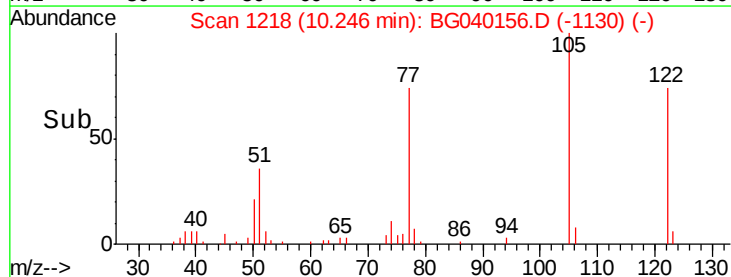
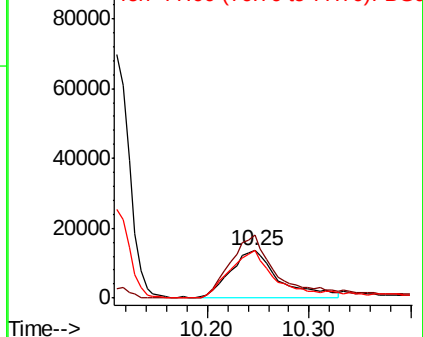


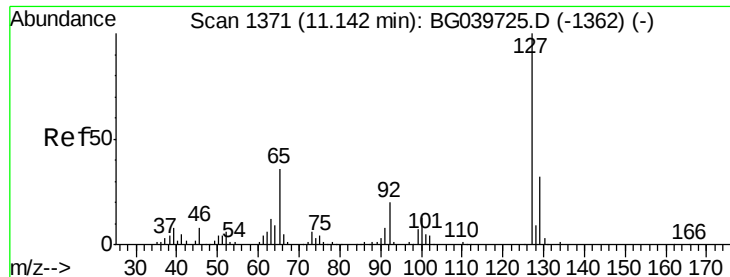
#32
Benzoic acid
Concen: 26.583 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion:122 Resp: 43551
Ion Ratio Lower Upper
122 100
105 135.0 101.8 141.8
77 100.4 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

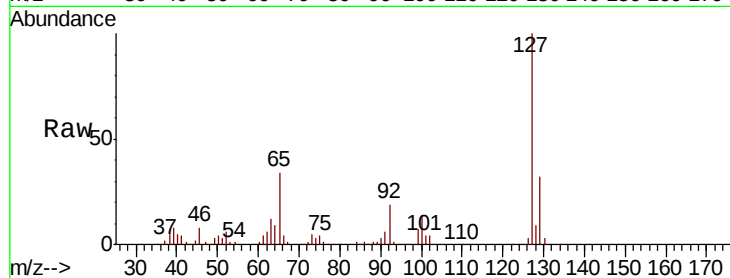




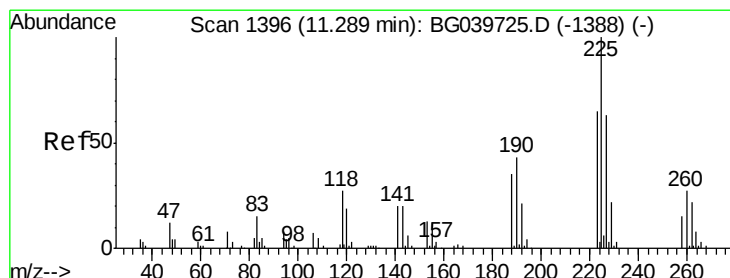
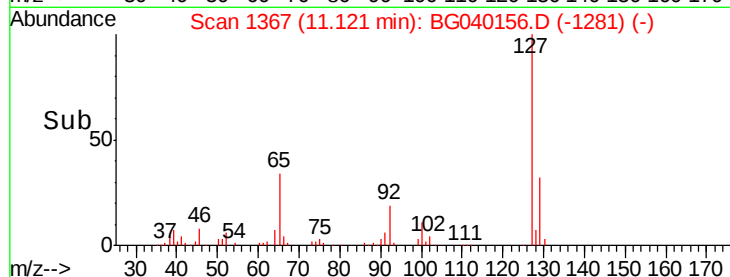
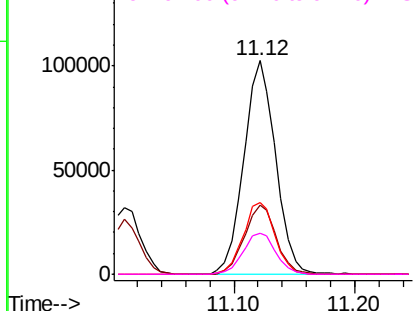
#33
4-Chloroaniline
Concen: 44.388 ng
RT: 11.12 min Scan# 1367
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tgt Ion:	127	Resp:	187301
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.0	40.4
65	33.7	28.8	43.2
92	19.4	16.6	25.0

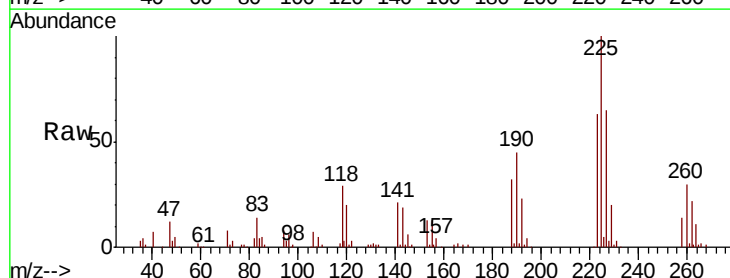


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

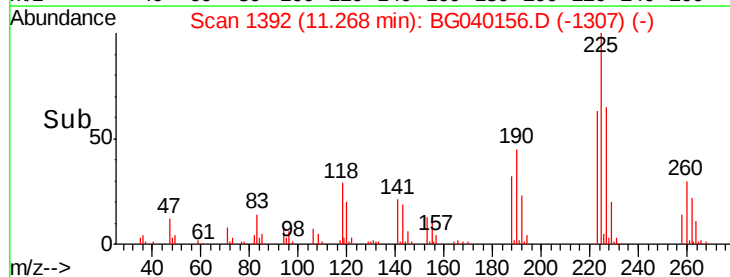
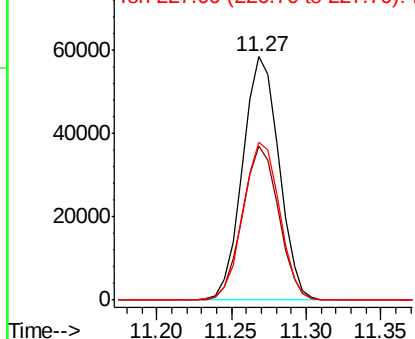


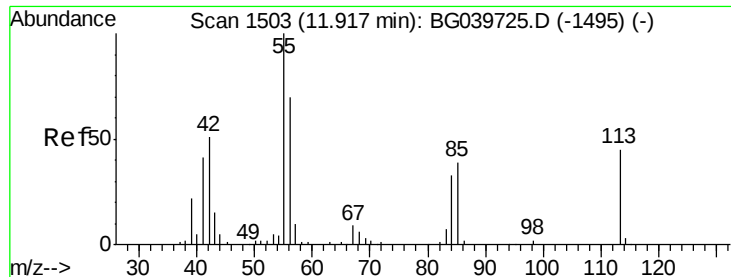
#34
Hexachlorobutadiene
Concen: 41.553 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion:	225	Resp:	98480
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.0	73.6
227	64.6	46.3	69.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

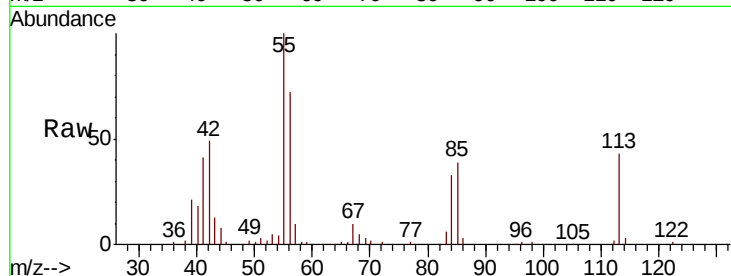




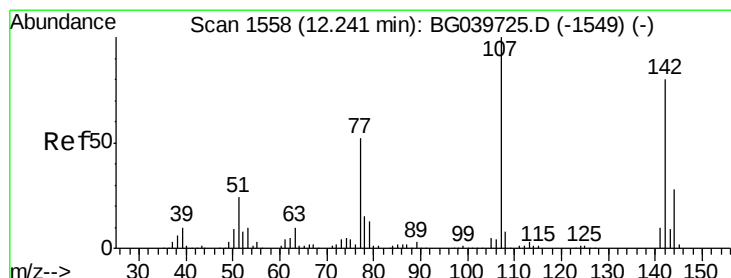
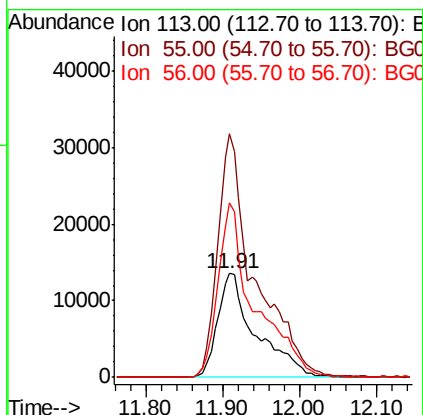
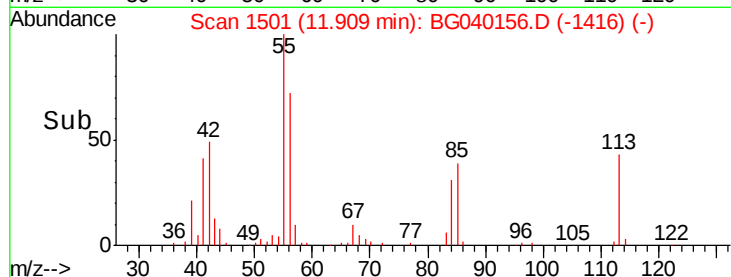
#35
 Caprolactam
 Concen: 39.472 ng
 RT: 11.91 min Scan# 1501
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

Tgt Ion:113 Resp: 46473
 Ion Ratio Lower Upper
 113 100
 55 234.8 216.9 256.9
 56 168.7 152.6 192.6

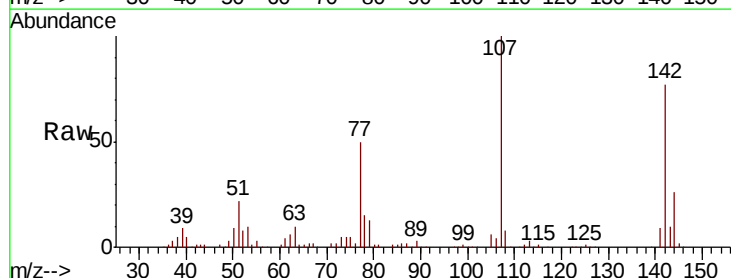


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

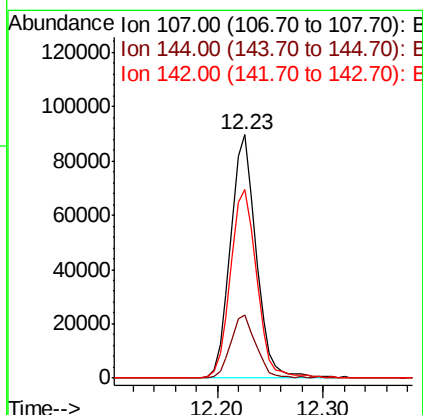
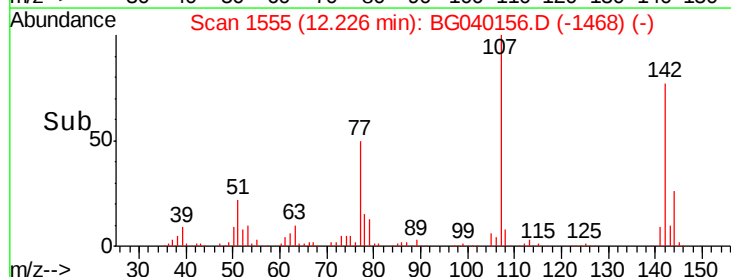


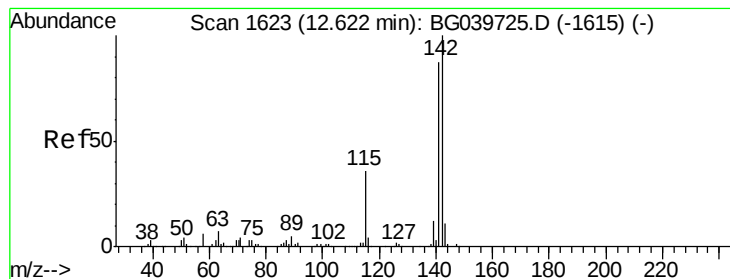
#36
 4-Chloro-3-methylphenol
 Concen: 42.634 ng
 RT: 12.23 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion:107 Resp: 150632
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.2 30.2
 142 77.2 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.981 ng

RT: 12.60 min Scan# 1619

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

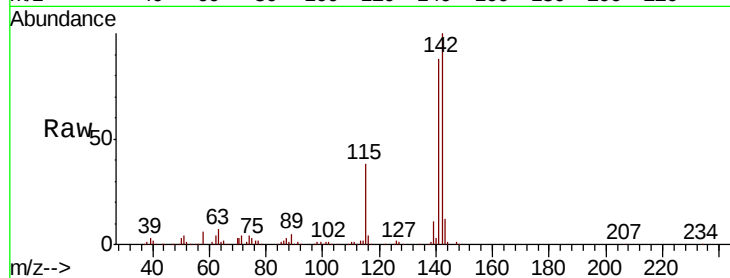
Tgt Ion:142 Resp: 319764

Ion Ratio Lower Upper

142 100

141 87.9 73.5 110.3

115 37.6 30.8 46.2

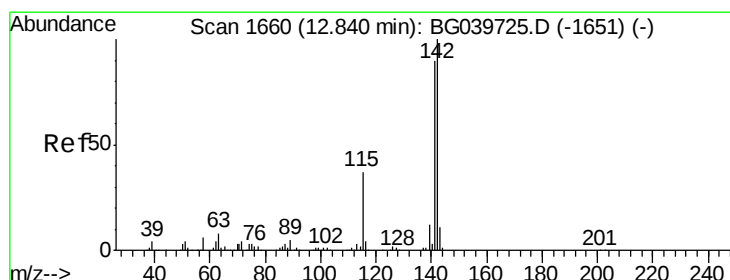
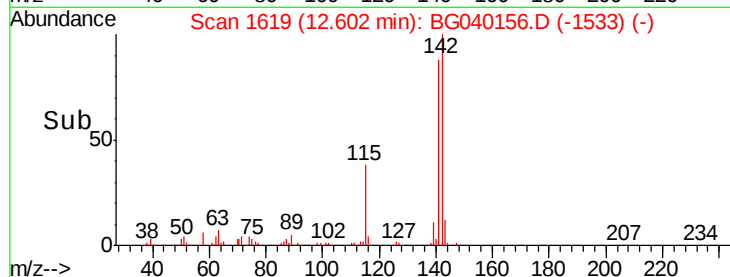
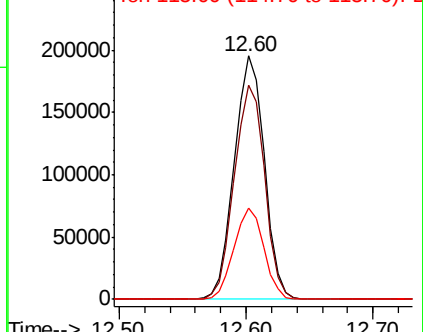


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.864 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

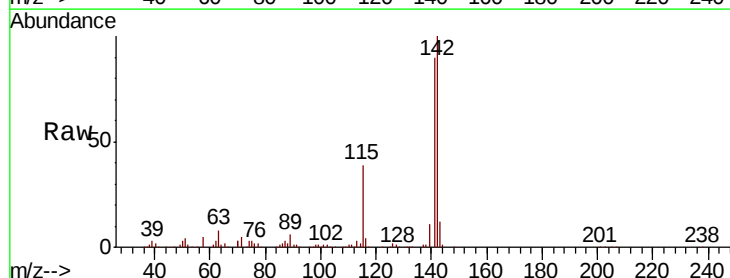
Tgt Ion:142 Resp: 302674

Ion Ratio Lower Upper

142 100

141 89.9 74.2 111.4

116 4.2 3.0 4.6

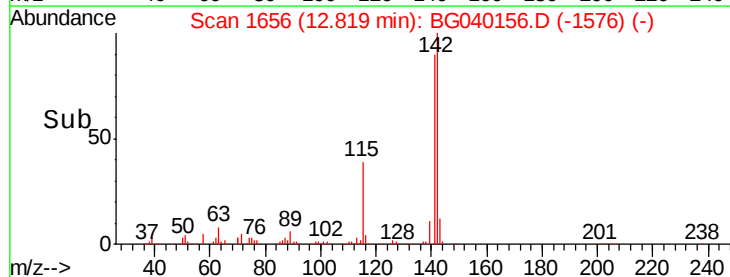
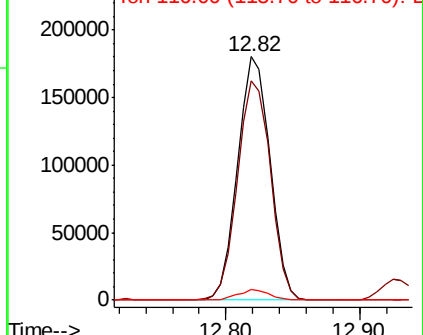


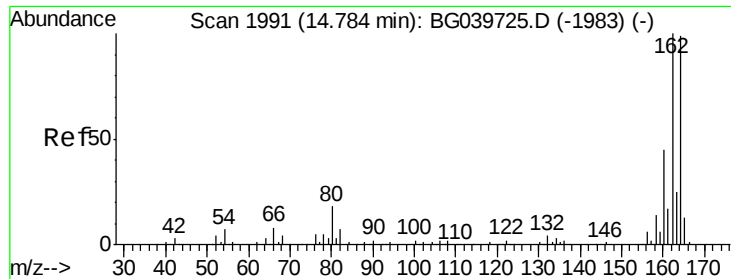
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

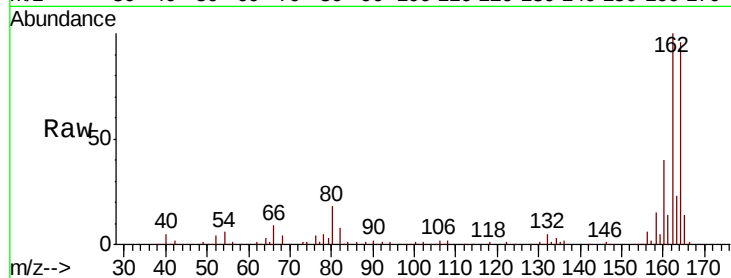
Tgt Ion:164 Resp: 127477

Ion Ratio Lower Upper

164 100

162 103.6 81.6 122.4

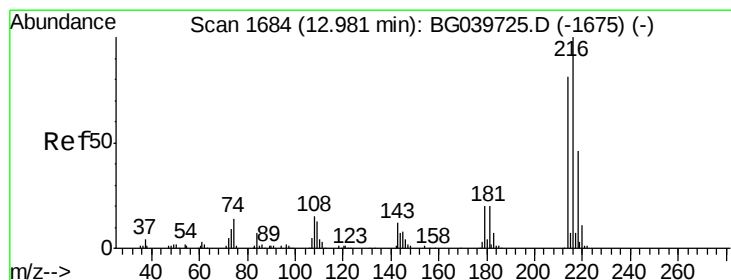
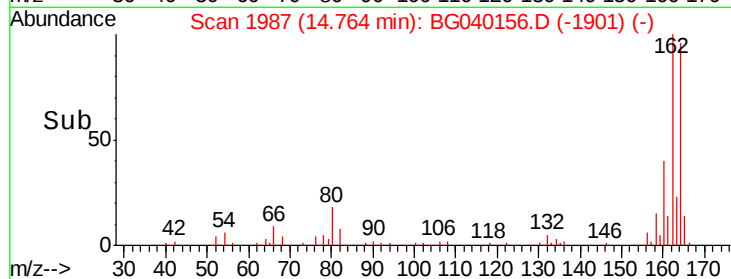
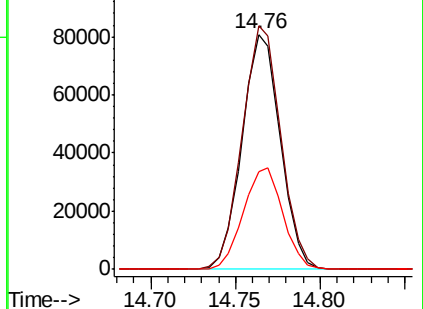
160 41.8 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.816 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Tgt Ion:216 Resp: 180588

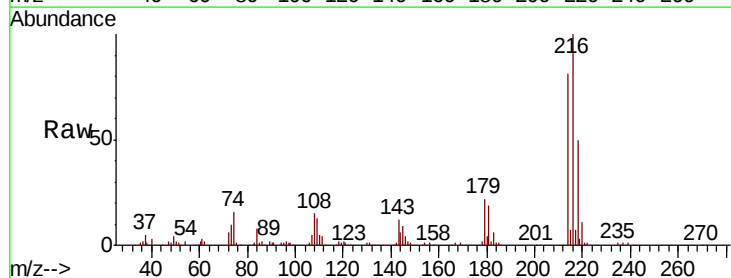
Ion Ratio Lower Upper

216 100

214 78.5 62.6 94.0

179 20.8 16.6 25.0

108 17.6 14.0 21.0

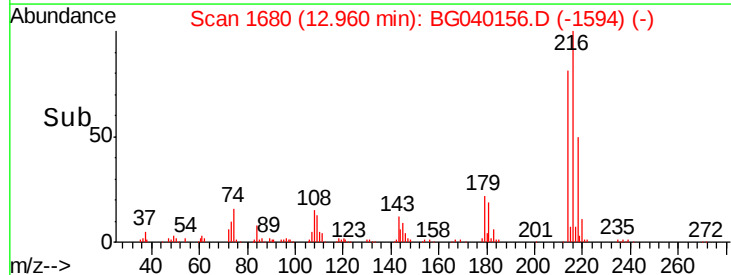
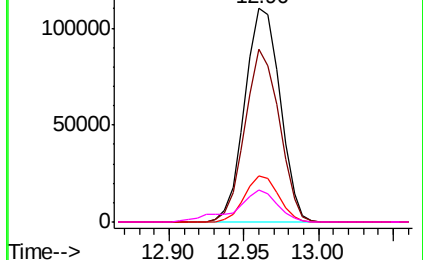


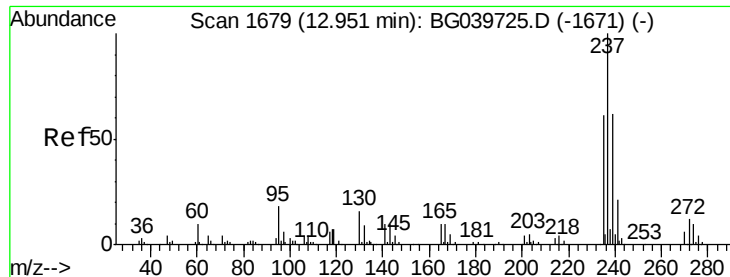
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 98.749 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

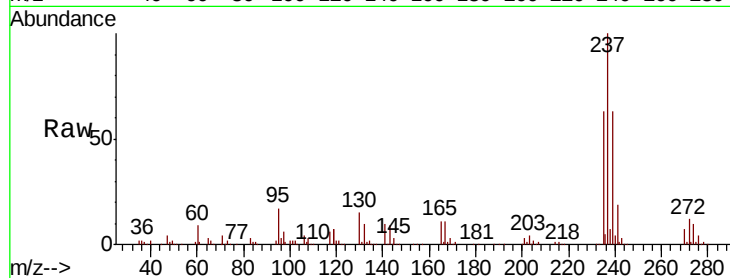
Tgt Ion:237 Resp: 228540

Ion Ratio Lower Upper

237 100

235 63.2 43.3 83.3

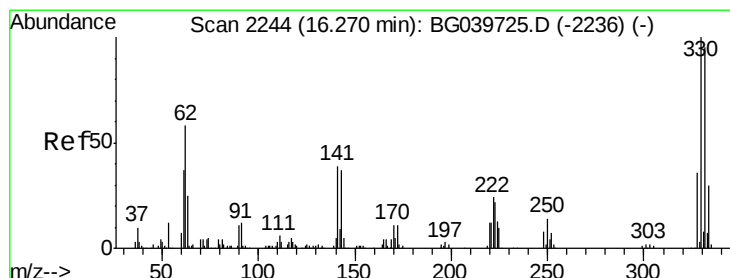
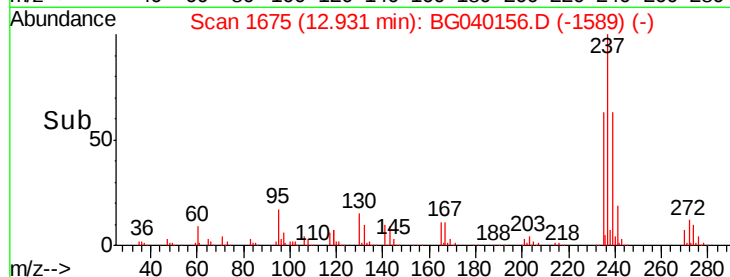
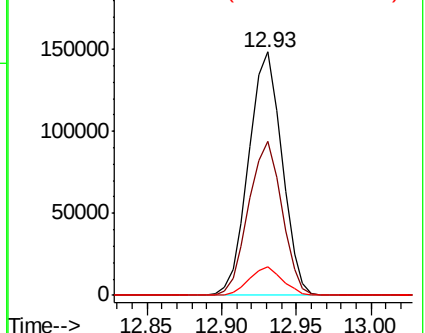
272 11.6 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 86.812 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

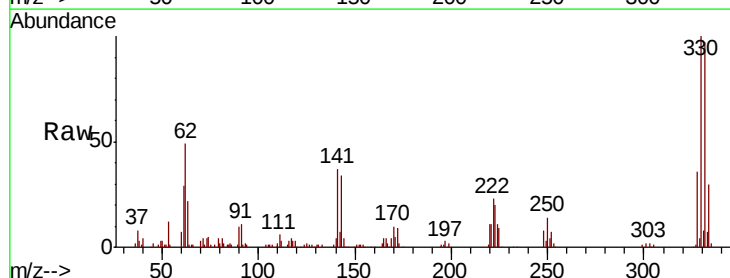
Tgt Ion:330 Resp: 128988

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

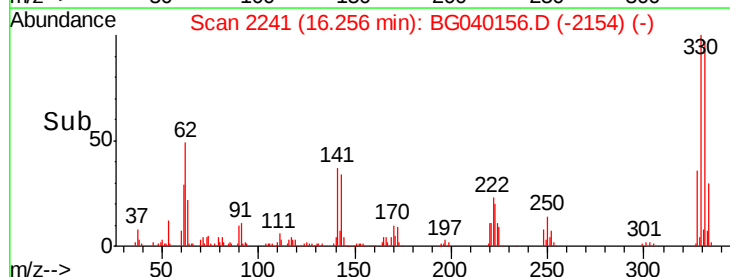
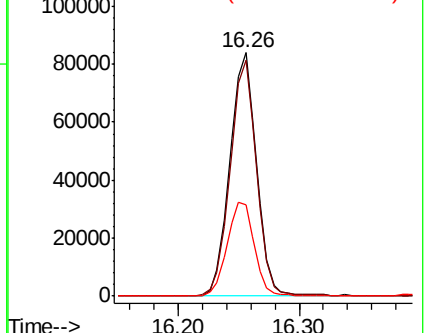
141 39.2 35.6 53.4

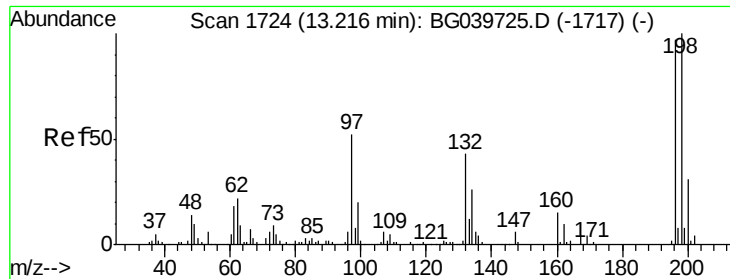


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

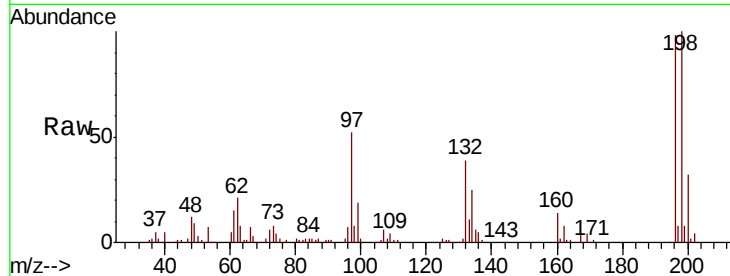




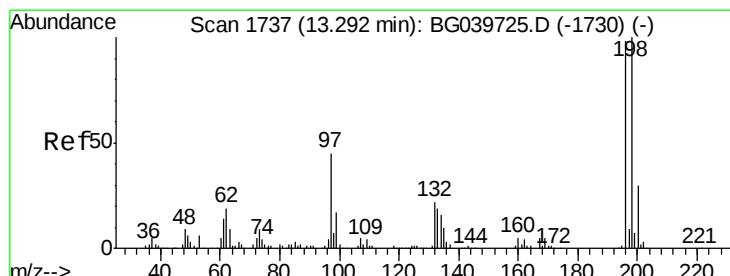
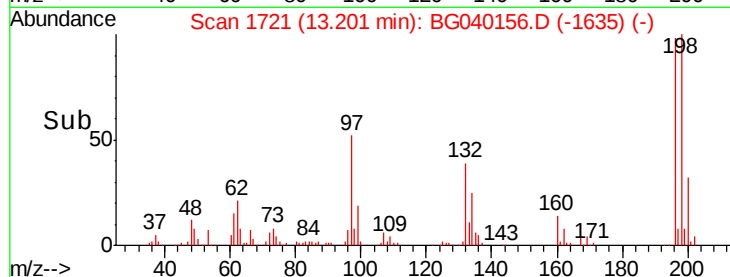
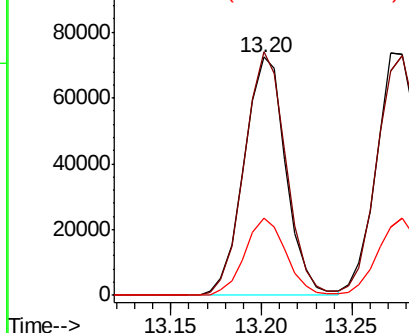
#43
 2,4,6-Trichlorophenol
 Concen: 46.333 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Instrument :
 BNA_G
 ClientSampleID :
 PB118294BSD

Tgt Ion:196 Resp: 117146
 Ion Ratio Lower Upper
 196 100
 198 102.3 80.6 121.0
 200 32.5 26.1 39.1



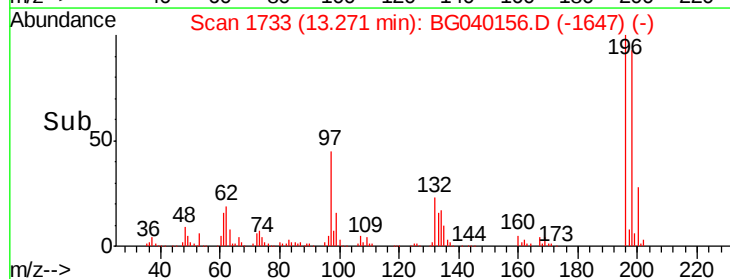
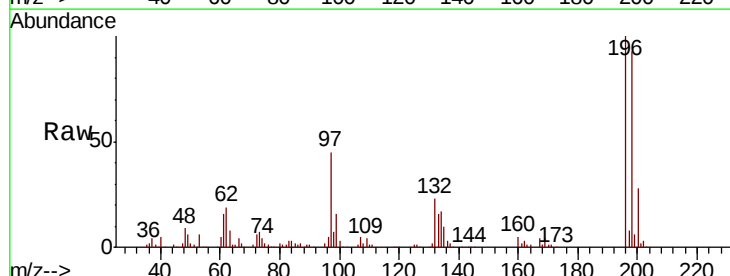
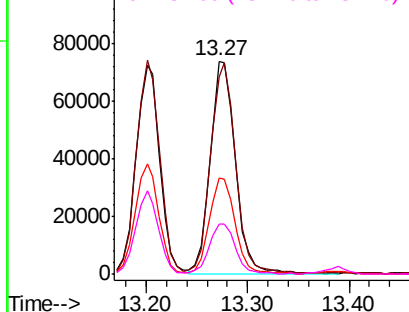
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

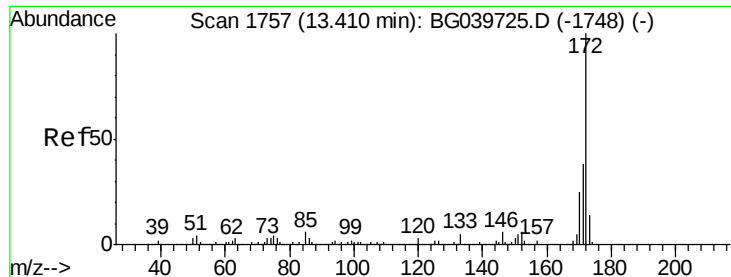


#44
 2,4,5-Trichlorophenol
 Concen: 44.294 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion:196 Resp: 126233
 Ion Ratio Lower Upper
 196 100
 198 92.6 78.5 117.7
 97 45.3 38.4 57.6
 132 23.4 19.2 28.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

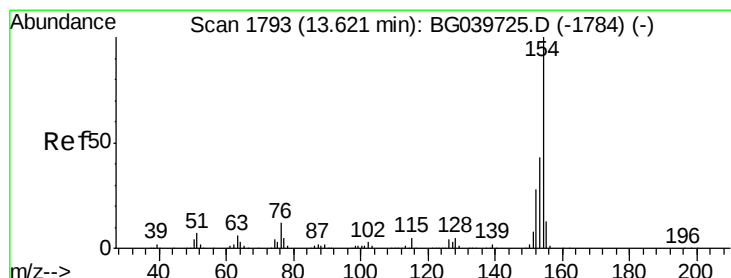
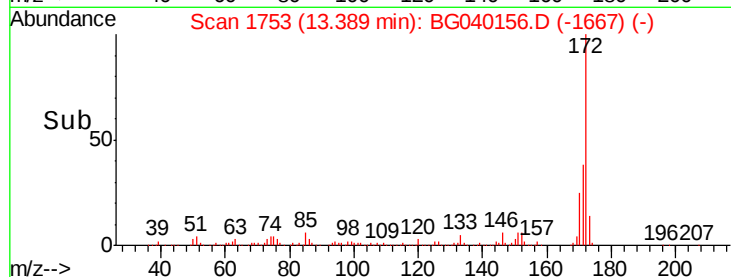
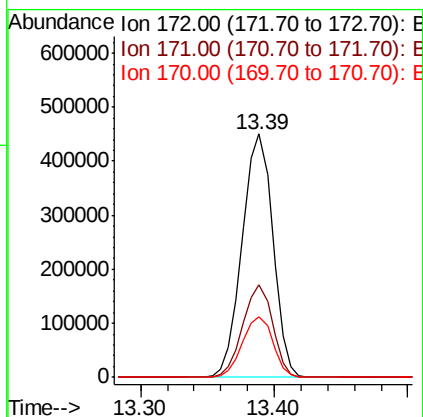
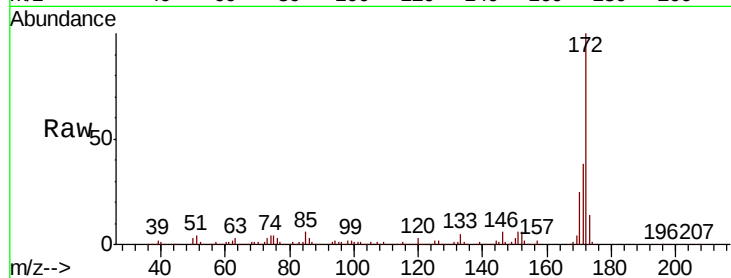




#45
2-Fluorobiphenyl
Concen: 79.977 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

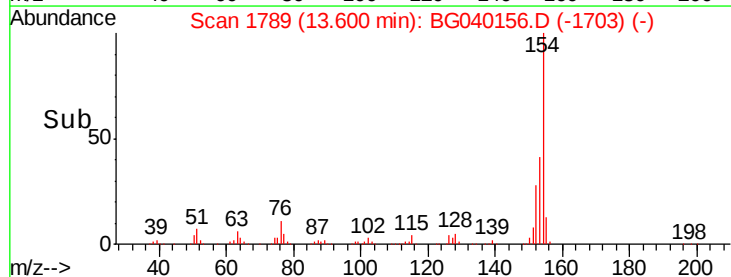
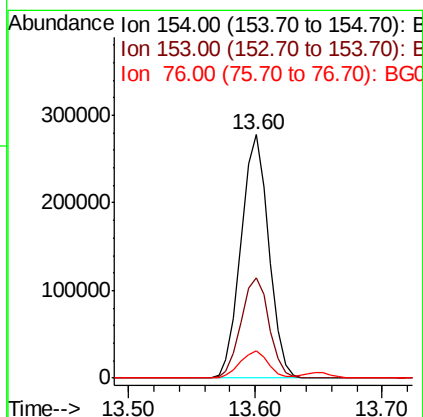
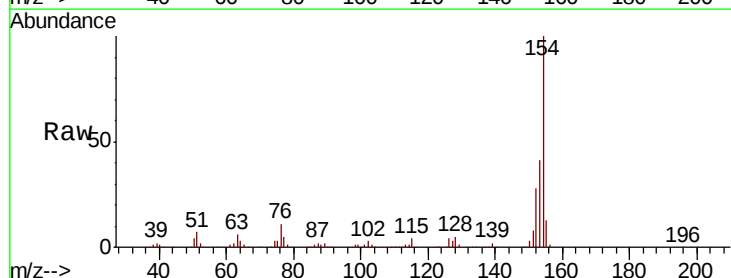
Instrument :
BNA_G
ClientSampleId :
PB118294BSD

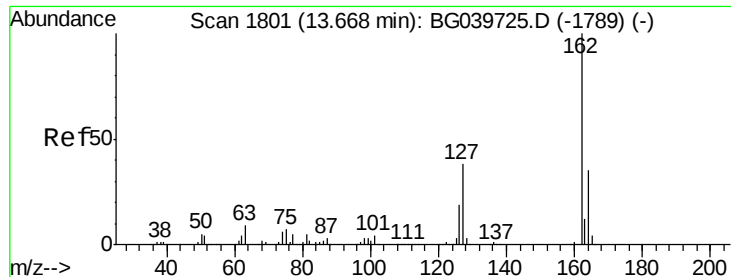
Tgt Ion:172 Resp: 716047
Ion Ratio Lower Upper
172 100
171 38.2 30.8 46.2
170 24.7 20.2 30.4



#46
1,1'-Biphenyl
Concen: 40.150 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion:154 Resp: 420967
Ion Ratio Lower Upper
154 100
153 41.4 22.1 62.1
76 11.2 0.0 32.4

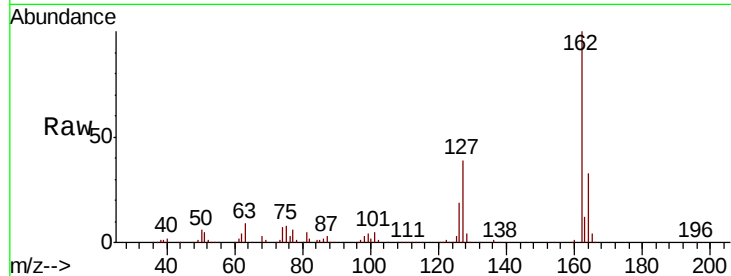




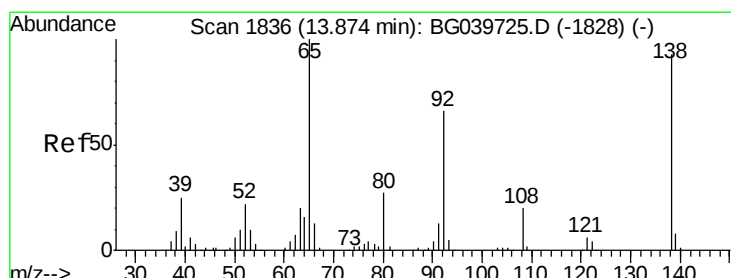
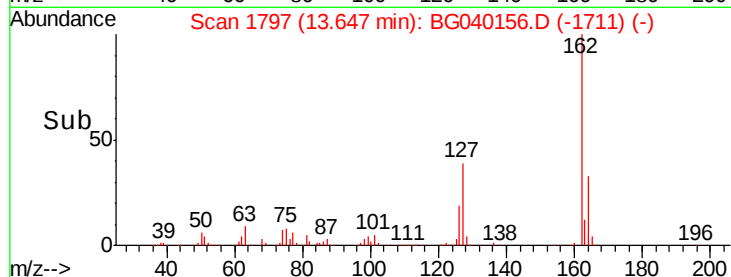
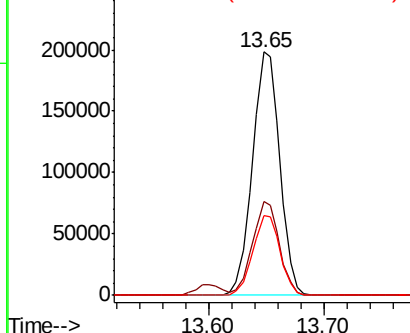
#47
 2-Chloronaphthalene
 Concen: 41.406 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

Tgt Ion: 162 Resp: 326592
 Ion Ratio Lower Upper
 162 100
 127 38.6 31.0 46.6
 164 32.5 25.7 38.5

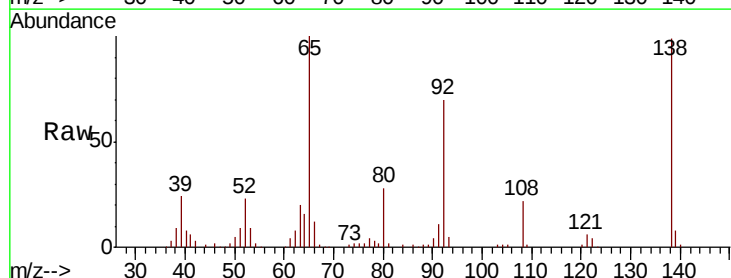


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

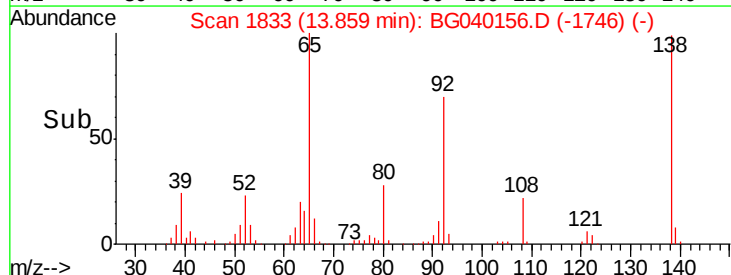
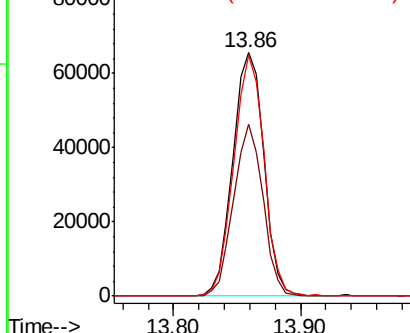


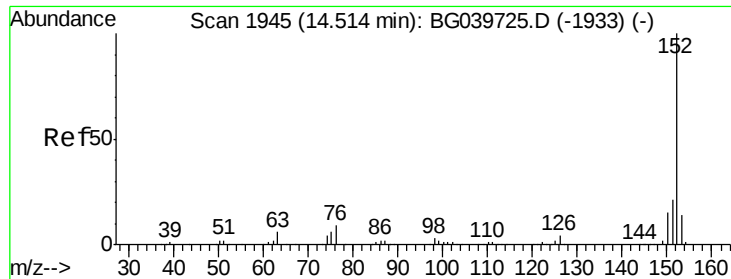
#48
 2-Nitroaniline
 Concen: 43.802 ng
 RT: 13.86 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion: 65 Resp: 111030
 Ion Ratio Lower Upper
 65 100
 92 70.5 51.4 77.2
 138 98.9 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.902 ng

RT: 14.49 min Scan# 1941

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

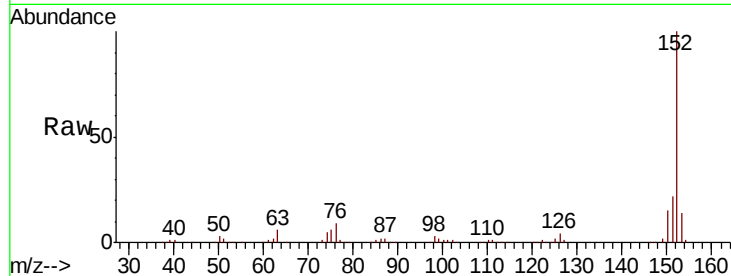
Tgt Ion:152 Resp: 516672

Ion Ratio Lower Upper

152 100

151 21.9 16.8 25.2

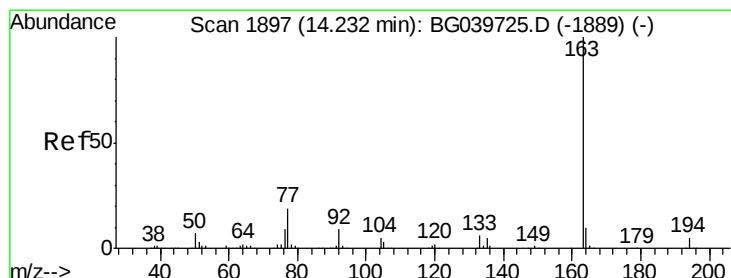
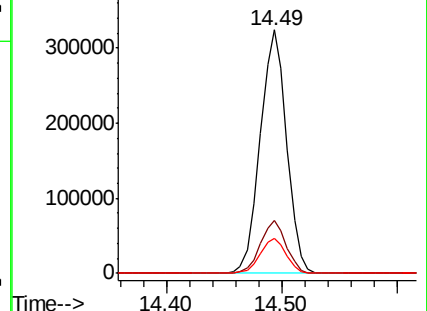
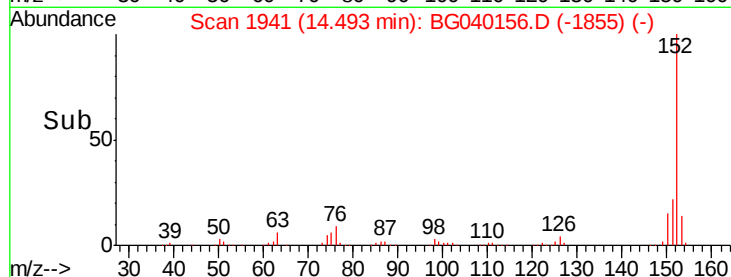
153 14.4 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.527 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

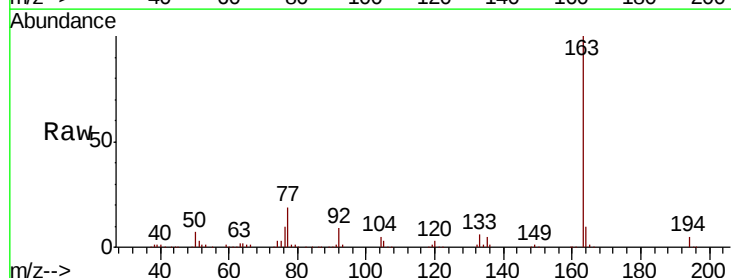
Tgt Ion:163 Resp: 432003

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

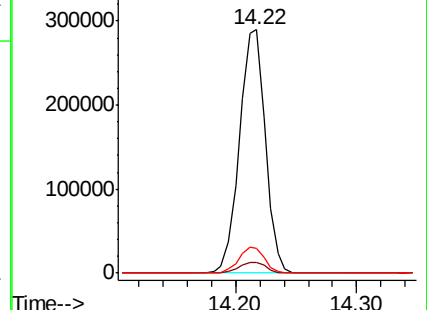
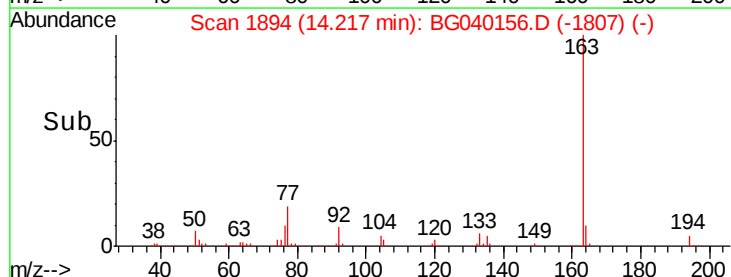
164 10.0 8.4 12.6

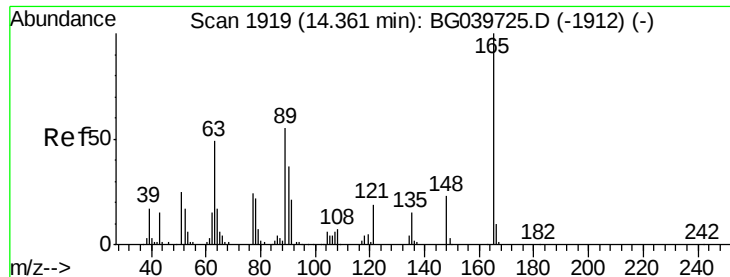


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

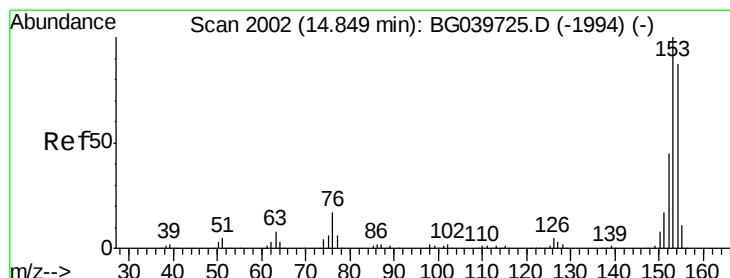
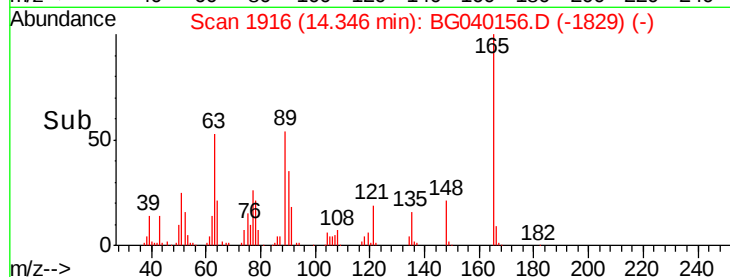
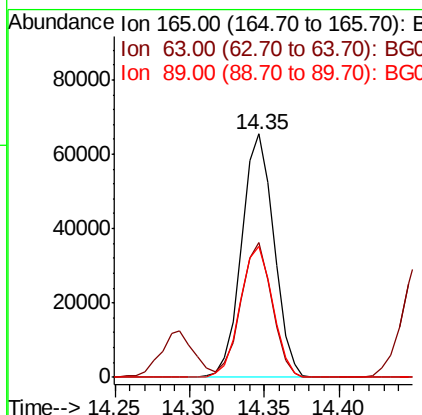
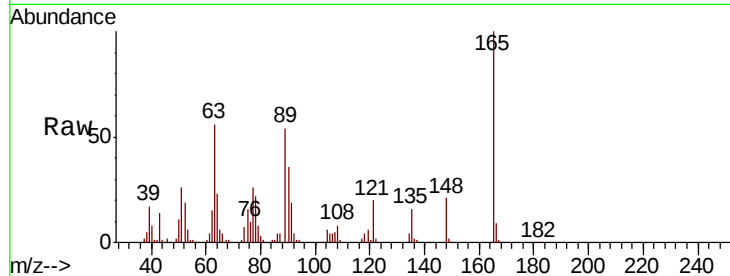




#51
2,6-Dinitrotoluene
Concen: 43.255 ng
RT: 14.35 min Scan# 1916
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

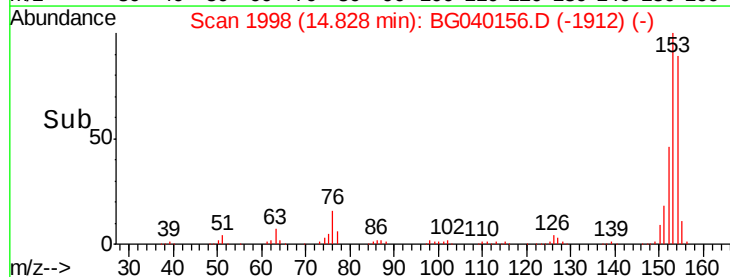
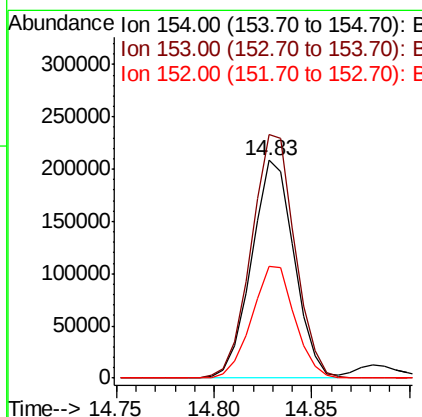
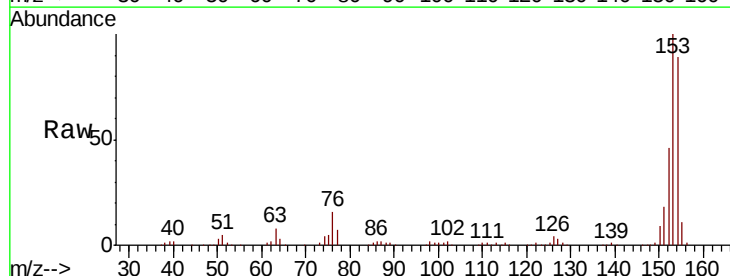
Instrument :
BNA_G
ClientSampleId :
PB118294BSD

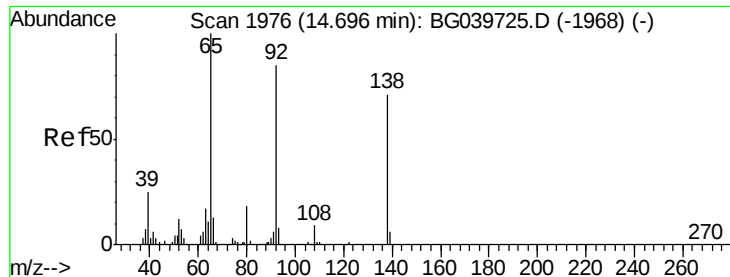
Tgt Ion:165 Resp: 97745
Ion Ratio Lower Upper
165 100
63 55.5 47.0 70.6
89 53.6 45.8 68.8



#52
Acenaphthene
Concen: 40.554 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion:154 Resp: 316050
Ion Ratio Lower Upper
154 100
153 111.9 90.1 135.1
152 51.5 40.9 61.3

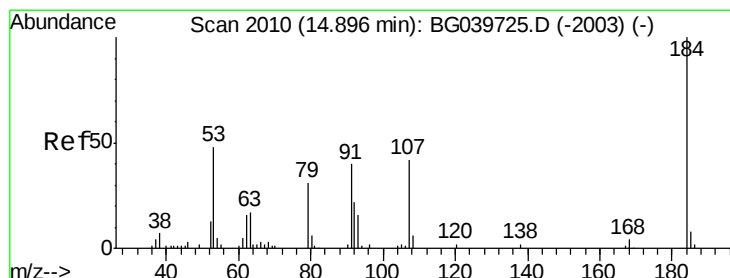
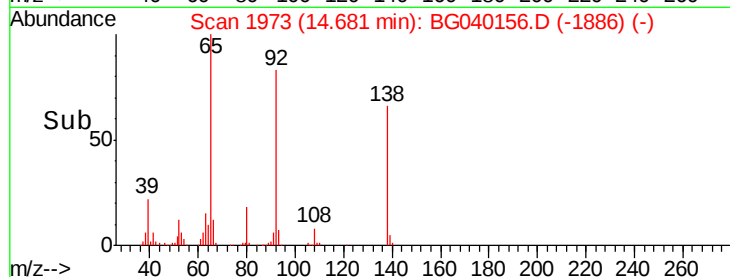
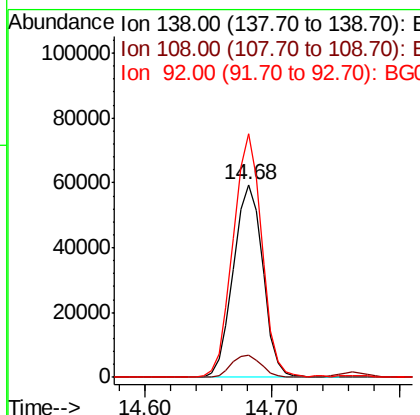
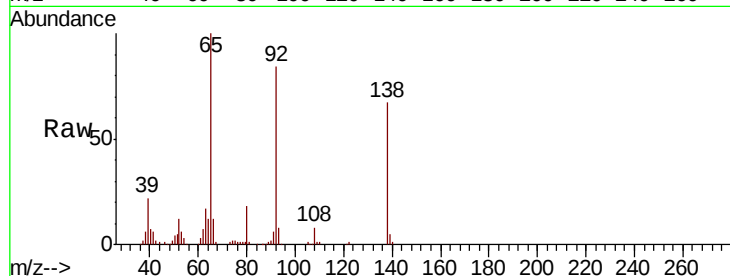




#53
3-Nitroaniline
Concen: 42.033 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

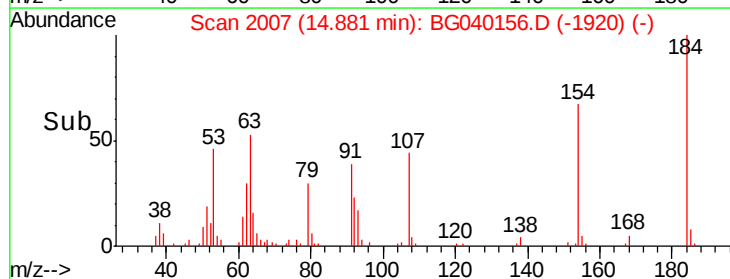
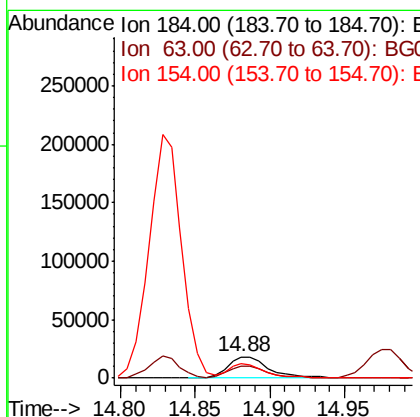
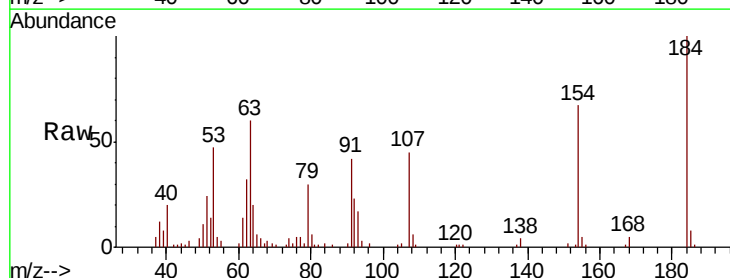
Instrument :
BNA_G
ClientSampleId :
PB118294BSD

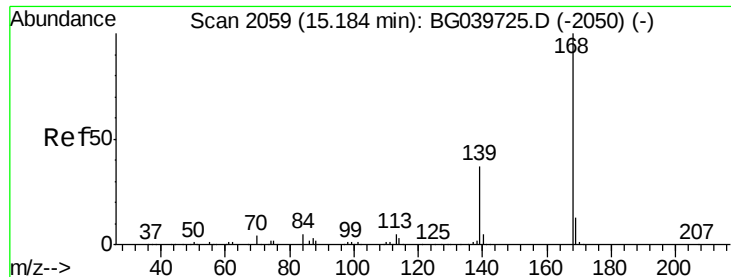
Tgt Ion:138 Resp: 95479
Ion Ratio Lower Upper
138 100
108 11.6 13.8 20.8#
92 126.5 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 27.873 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion:184 Resp: 34498
Ion Ratio Lower Upper
184 100
63 59.6 50.9 76.3
154 67.0 53.0 79.6





#55

Dibenzenofuran

Concen: 40.766 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

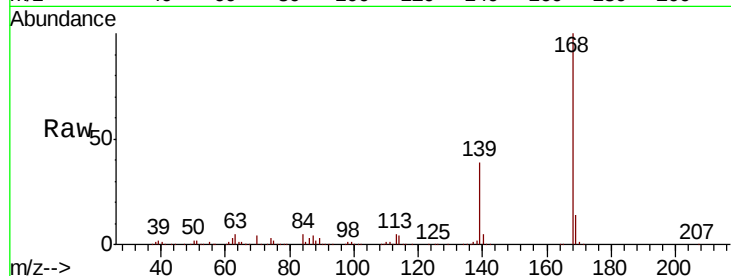
Tgt Ion:168 Resp: 521250

Ion Ratio Lower Upper

168 100

139 38.8 30.1 45.1

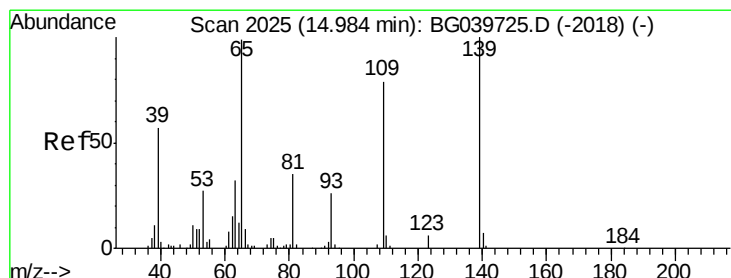
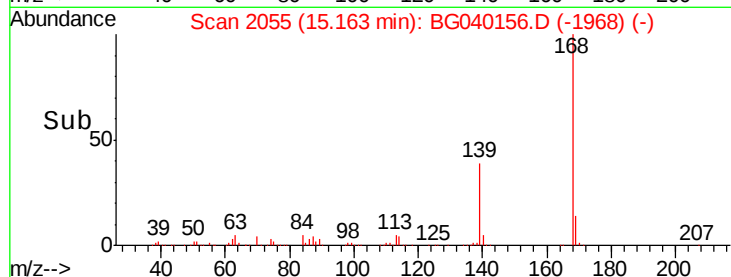
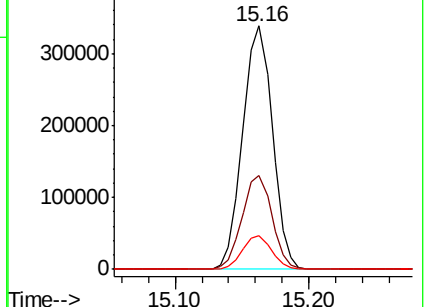
169 13.8 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 67.824 ng

RT: 14.98 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

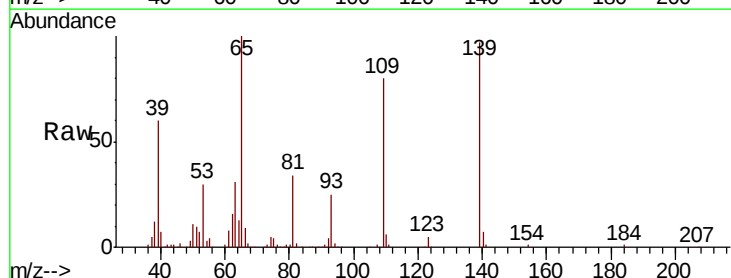
Tgt Ion:139 Resp: 137821

Ion Ratio Lower Upper

139 100

109 83.0 61.9 101.9

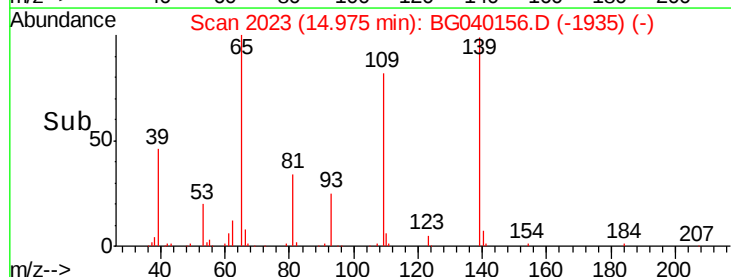
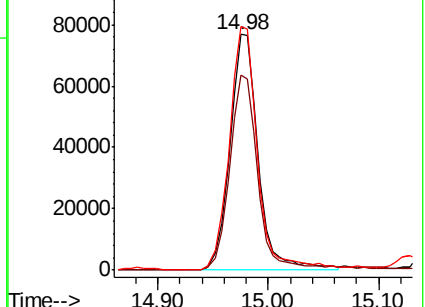
65 103.5 99.1 139.1

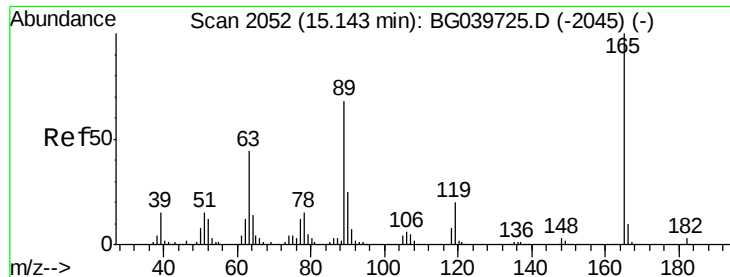


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

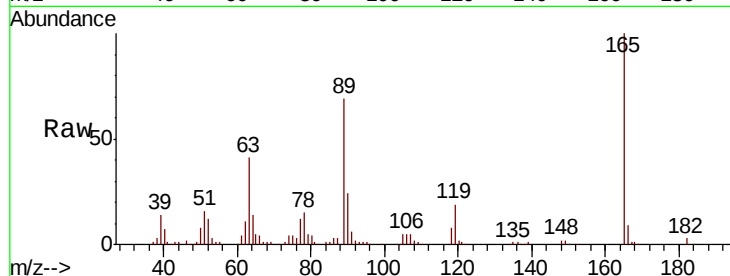




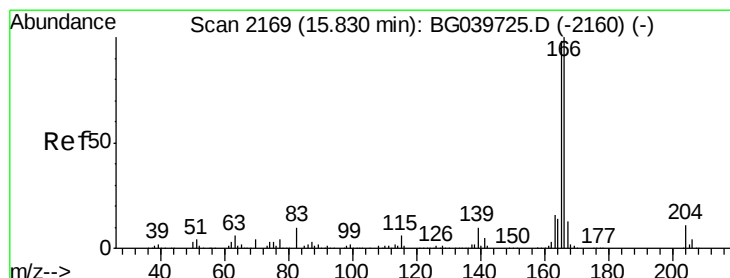
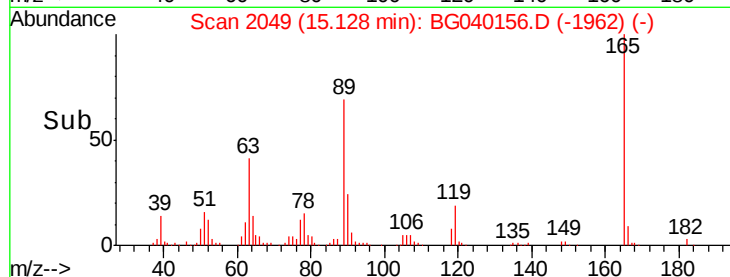
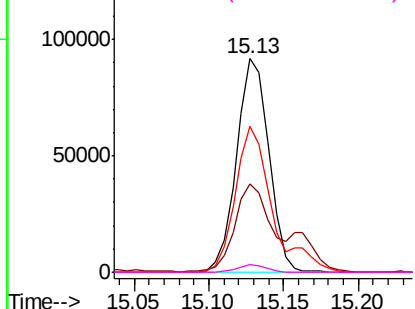
#57
2,4-Dinitrotoluene
Concen: 43.504 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tgt Ion:	165	Resp:	138134
Ion	Ratio	Lower	Upper
165	100		
63	41.3	41.0	61.6
89	68.6	64.6	96.8
182	3.3	2.0	3.0#

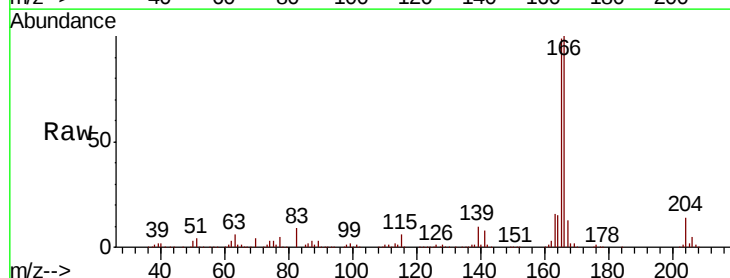


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

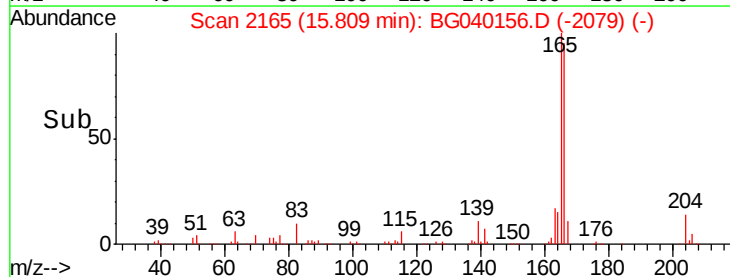
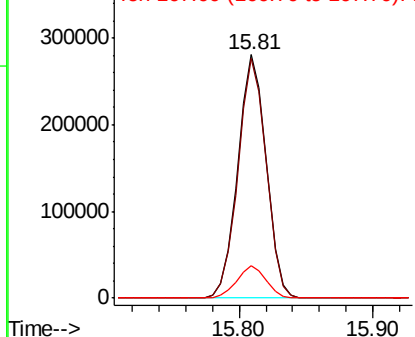


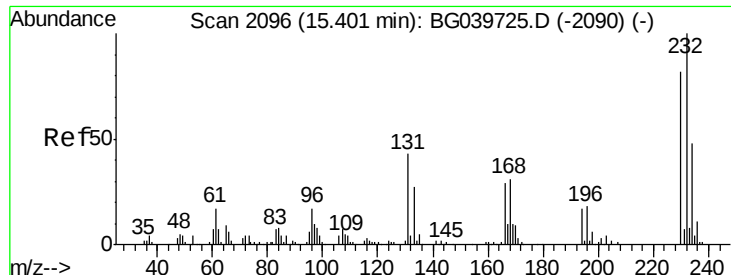
#58
Fluorene
Concen: 40.858 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion:	166	Resp:	410698
Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.9	116.9
167	13.3	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

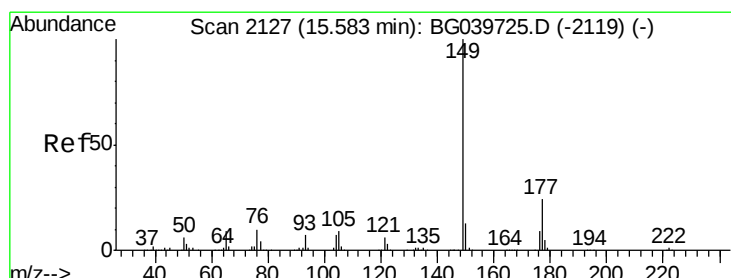
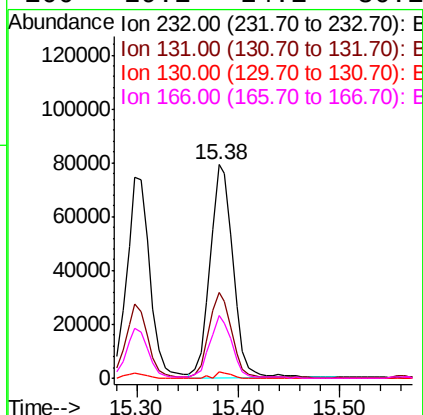
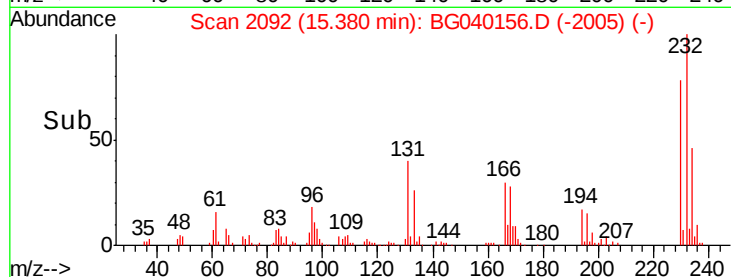
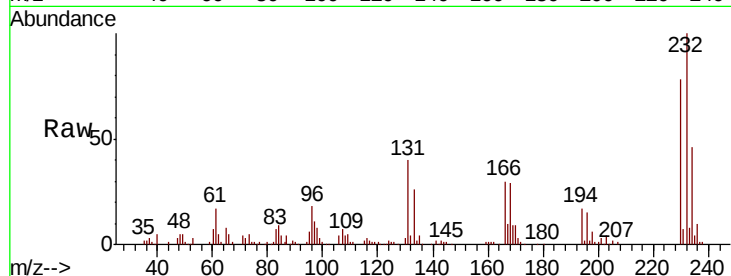




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.636 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.02 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

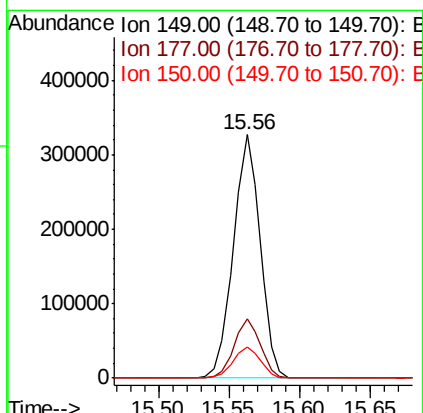
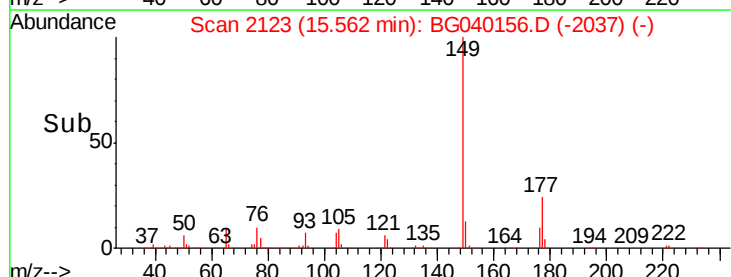
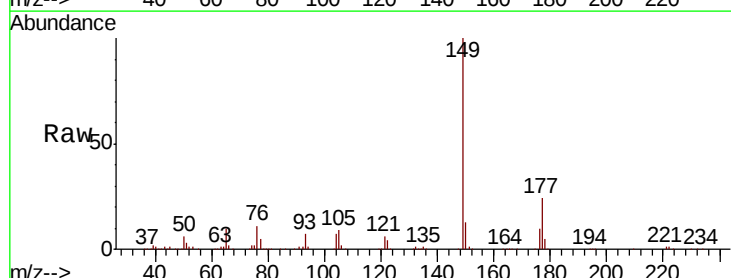
Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

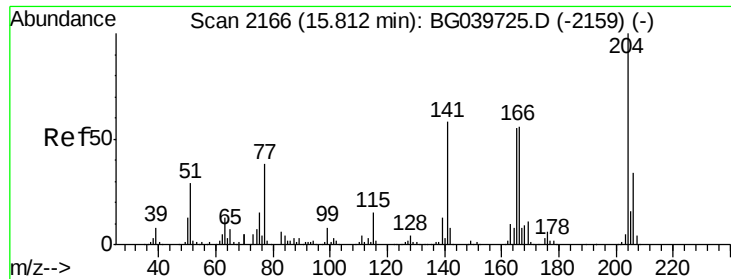
Tgt Ion:	232	Resp:	124234
Ion	Ratio	Lower	Upper
232	100		
131	40.0	34.9	52.3
130	2.1	2.0	3.0
166	29.1	24.1	36.1



#60
 Diethylphthalate
 Concen: 40.797 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion:	149	Resp:	430497
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.3	27.5
150	12.7	10.2	15.2

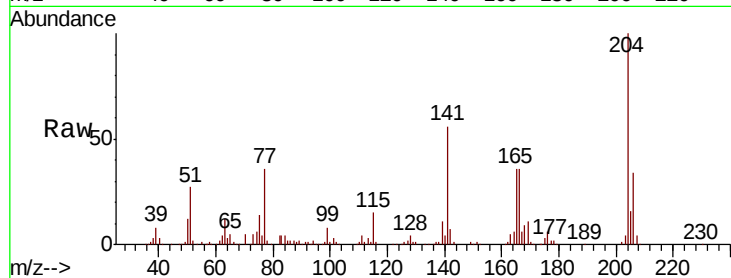




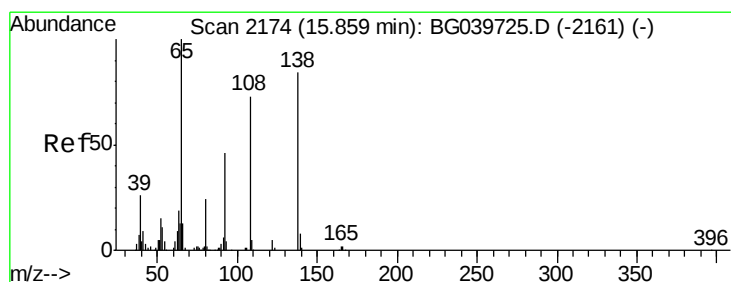
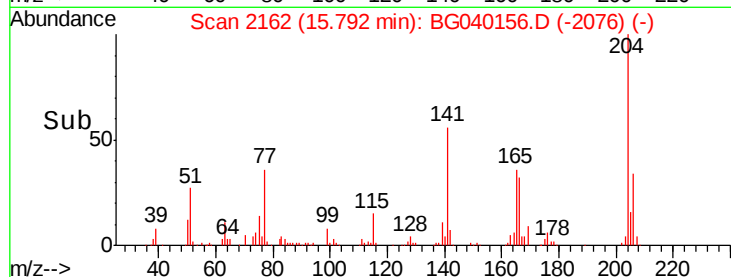
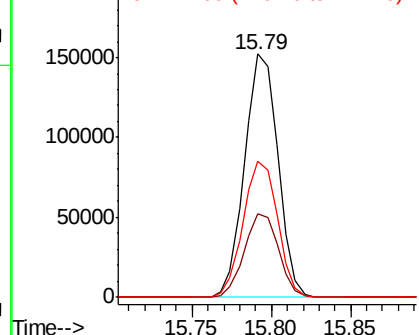
#61
4-Chlorophenyl-phenylether
Concen: 41.535 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tgt Ion: 204 Resp: 222792
Ion Ratio Lower Upper
204 100
206 34.3 29.2 43.8
141 55.8 49.0 73.4

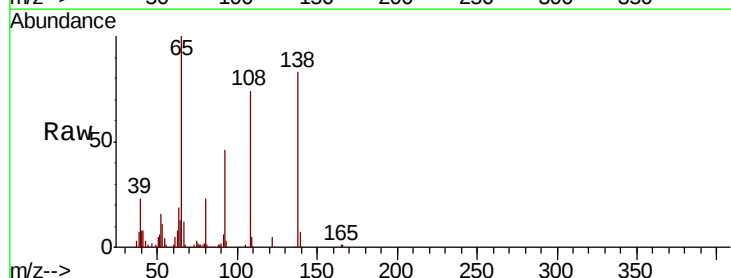


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

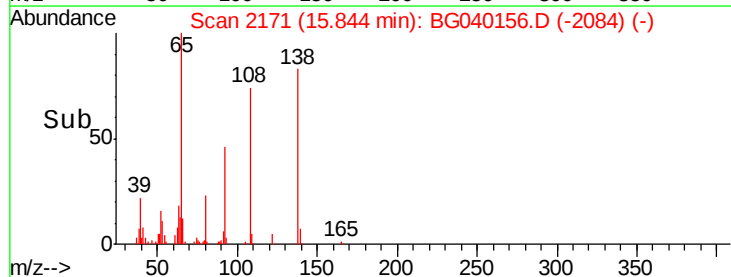
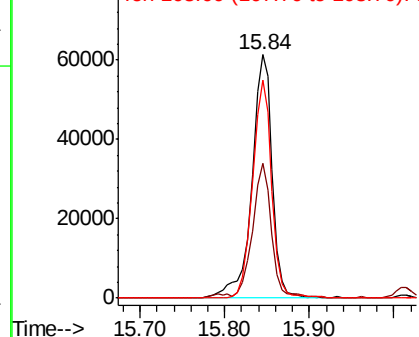


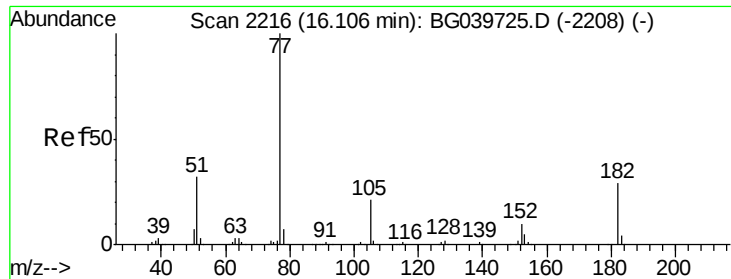
#62
4-Nitroaniline
Concen: 41.910 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion: 138 Resp: 103209
Ion Ratio Lower Upper
138 100
92 55.1 38.7 78.7
108 89.3 74.6 114.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

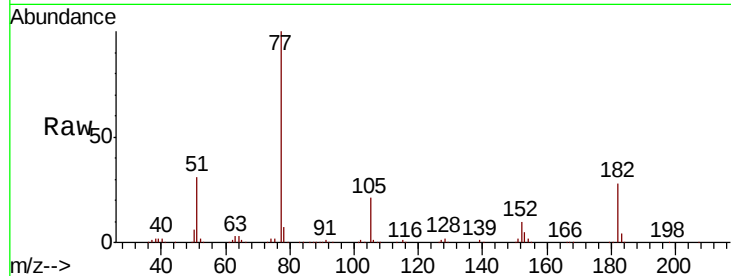




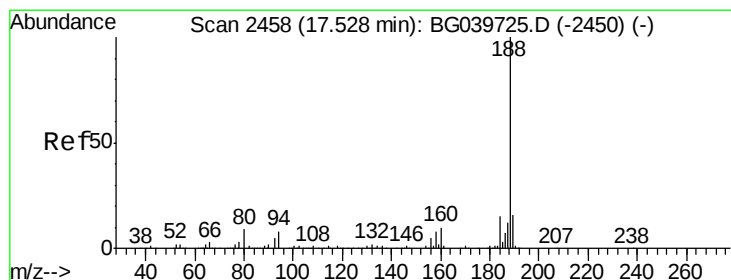
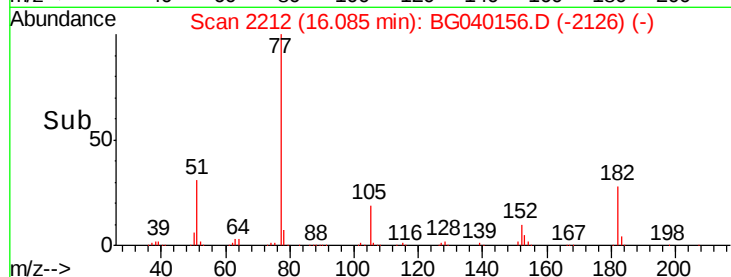
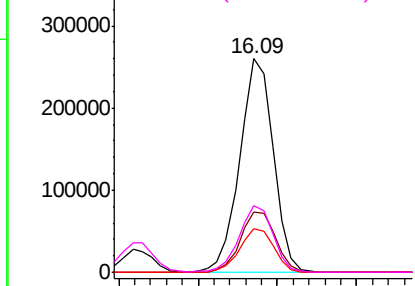
#63
Azobenzene
Concen: 39.860 ng
RT: 16.09 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.9	6.4	46.4
105	20.6	0.0	39.8
51	31.1	14.1	54.1

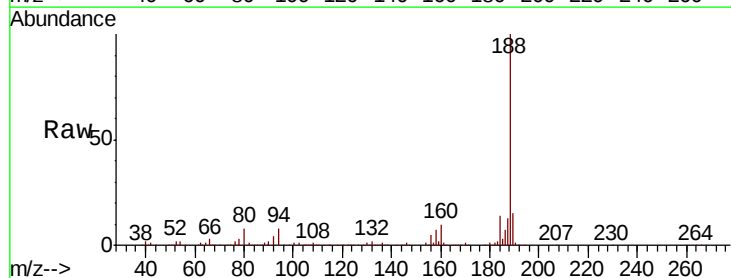


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

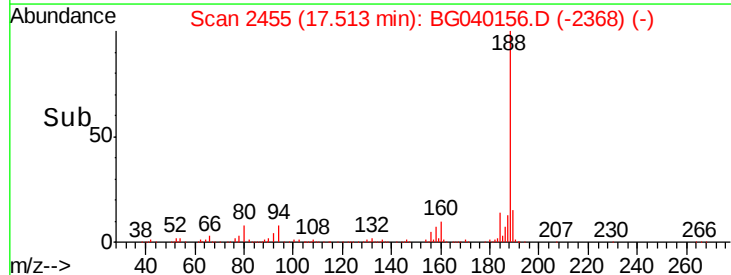
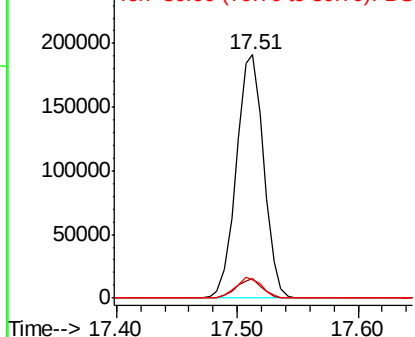


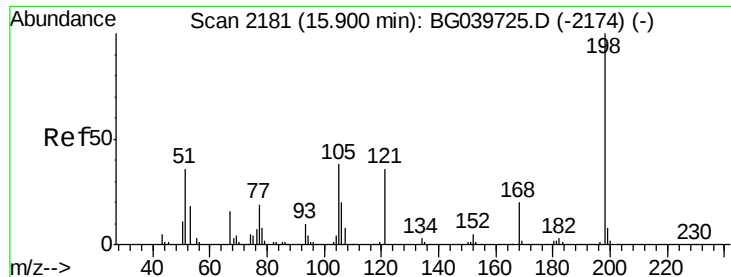
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	7.7	8.1	12.1#



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

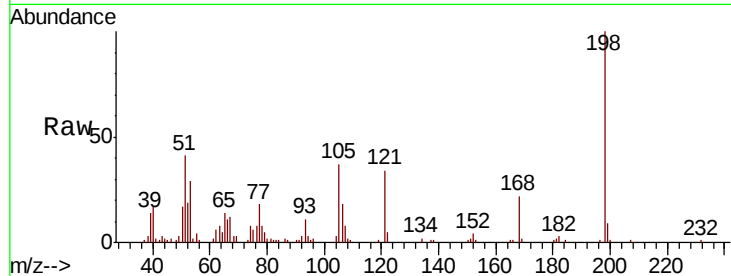




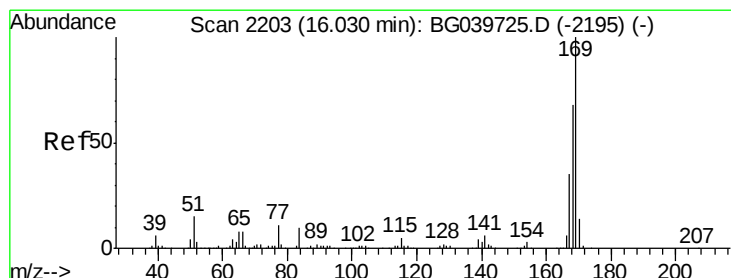
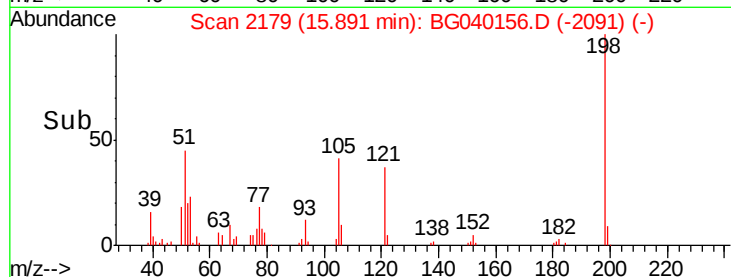
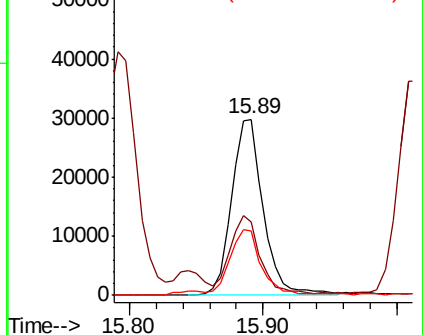
#65
 4,6-Dinitro-2-methylphenol
 Concen: 27.589 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

Tgt Ion:198 Resp: 49198
 Ion Ratio Lower Upper
 198 100
 51 41.3 27.4 67.4
 105 36.8 19.7 59.7

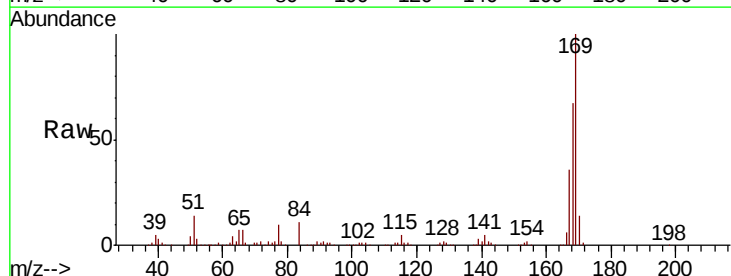


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

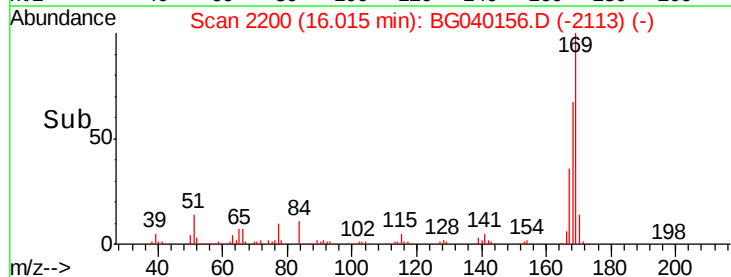
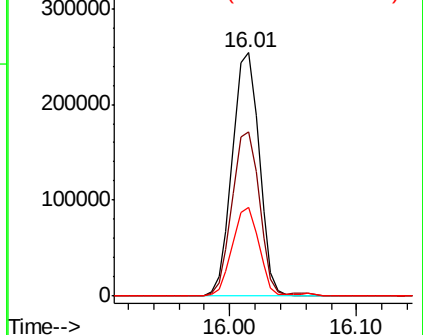


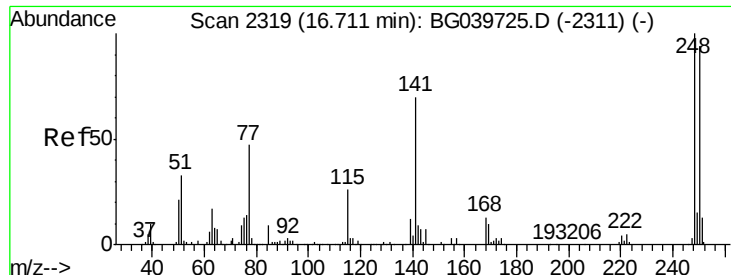
#66
 n-Nitrosodiphenylamine
 Concen: 42.764 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion:169 Resp: 373387
 Ion Ratio Lower Upper
 169 100
 168 67.3 56.6 85.0
 167 36.3 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

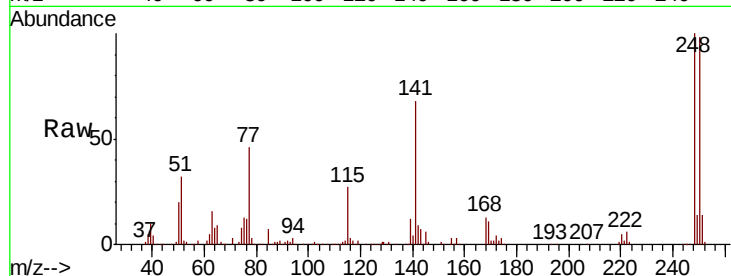




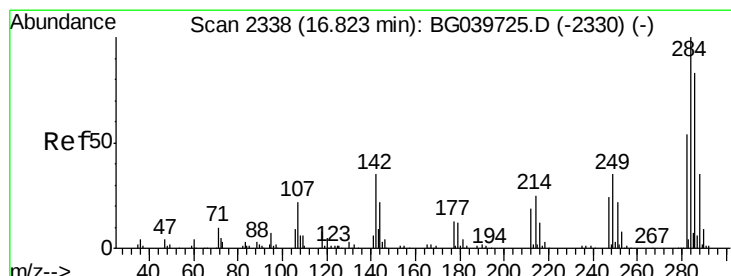
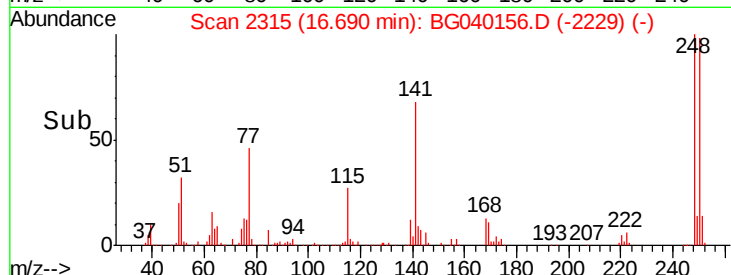
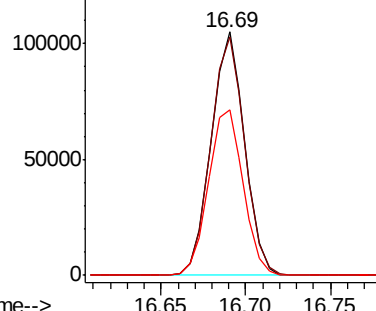
#67
4-Bromophenyl-phenylether
Concen: 42.740 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampled :
PB118294BSD

Tgt Ion:248 Resp: 144285
Ion Ratio Lower Upper
248 100
250 98.0 77.6 116.4
141 68.0 63.9 95.9

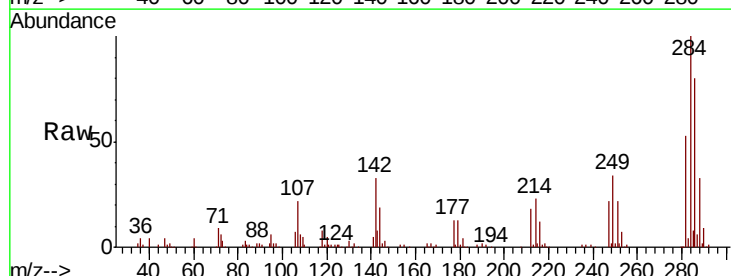


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

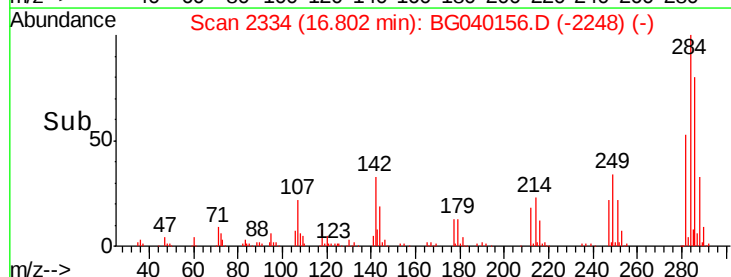
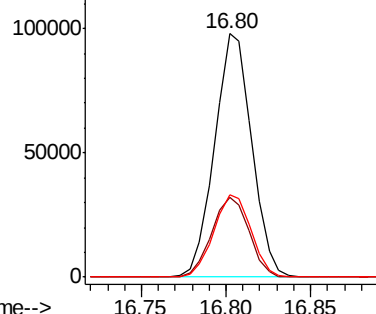


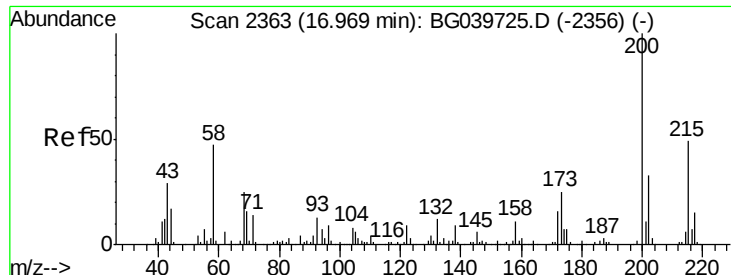
#68
Hexachlorobenzene
Concen: 42.844 ng
RT: 16.80 min Scan# 2334
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion:284 Resp: 149927
Ion Ratio Lower Upper
284 100
142 32.8 30.6 45.8
249 34.0 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 27.314 ng

RT: 16.95 min Scan# 2359

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

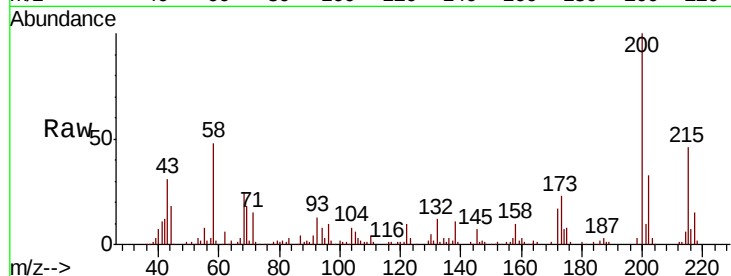
Tgt Ion:200 Resp: 93859

Ion Ratio Lower Upper

200 100

173 22.9 3.9 43.9

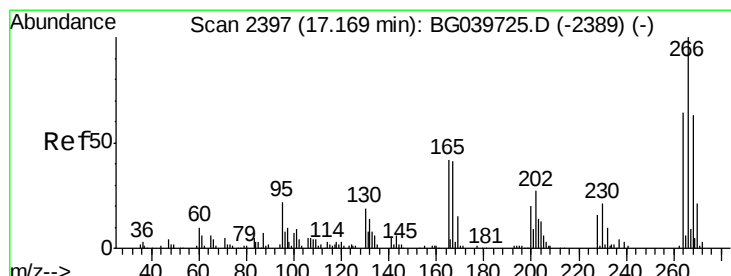
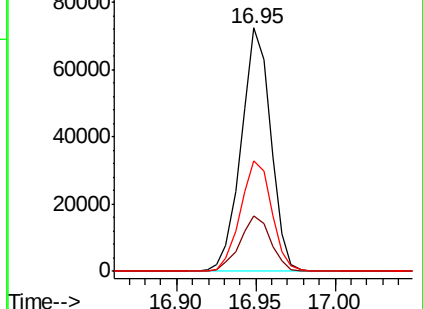
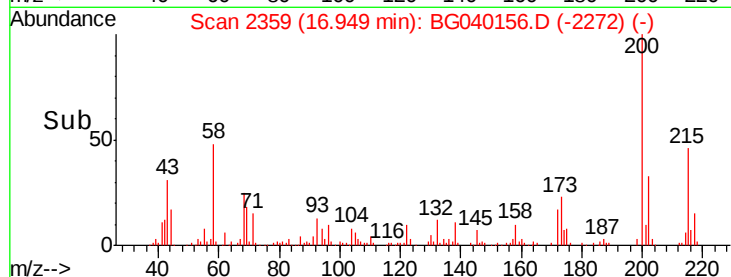
215 45.6 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 69.874 ng

RT: 17.15 min Scan# 2394

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

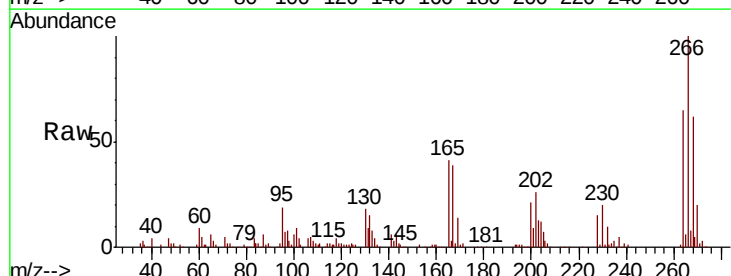
Tgt Ion:266 Resp: 154422

Ion Ratio Lower Upper

266 100

268 62.5 51.1 76.7

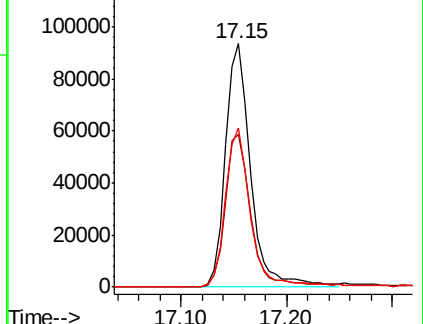
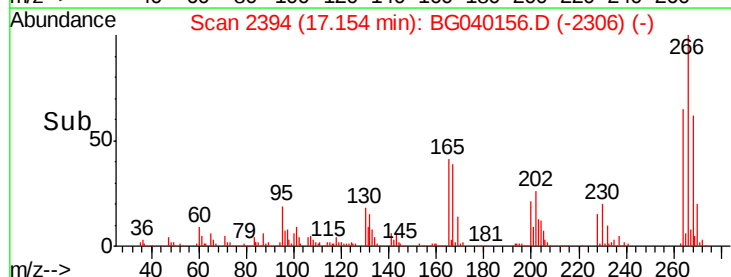
264 65.2 52.1 78.1

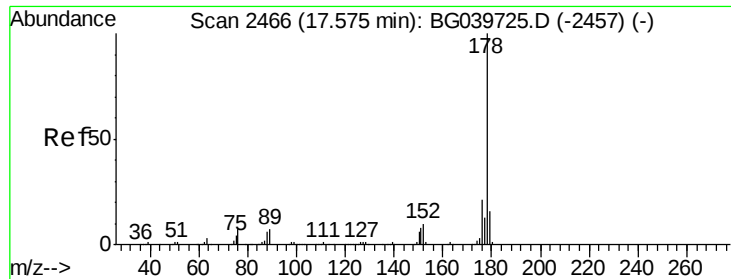


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

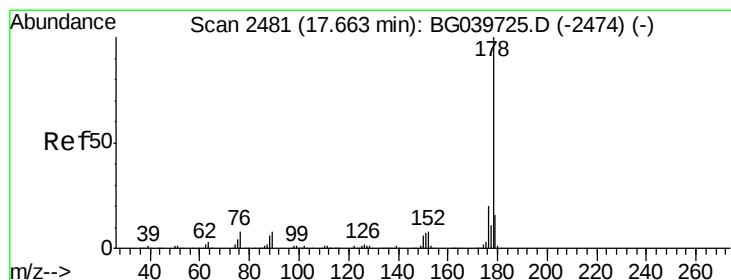
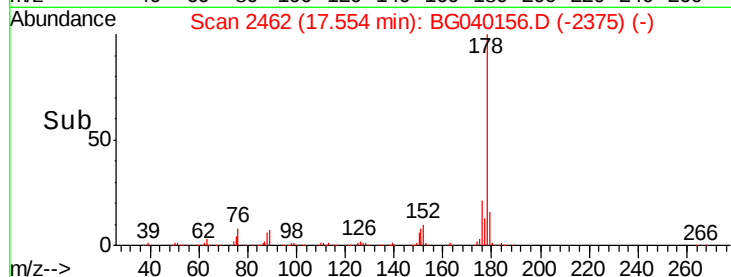
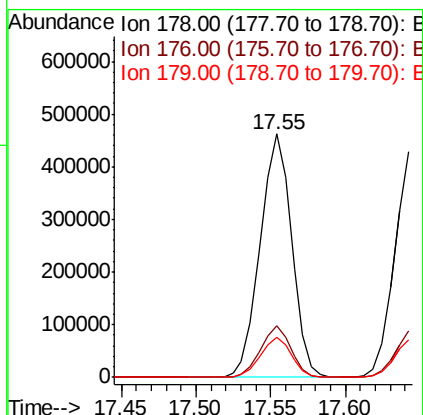
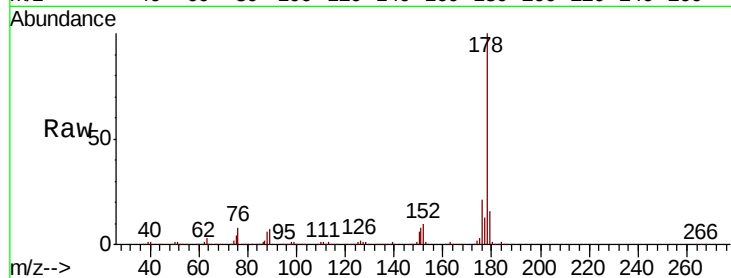




#71
Phenanthrene
Concen: 40.527 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

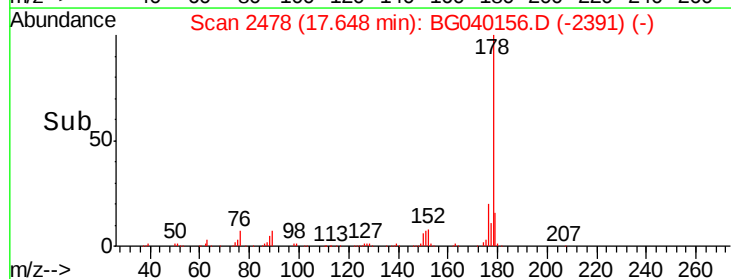
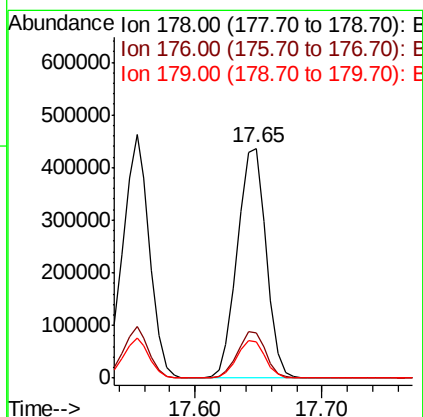
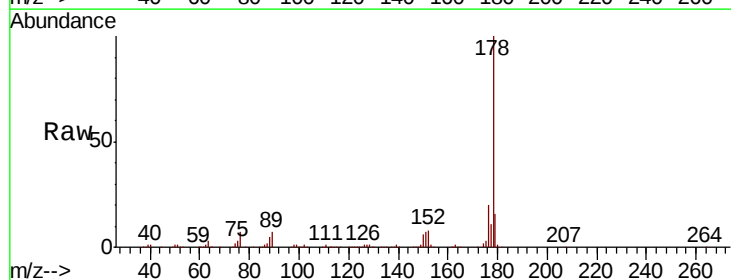
Instrument :
BNA_G
ClientSampleId :
PB118294BSD

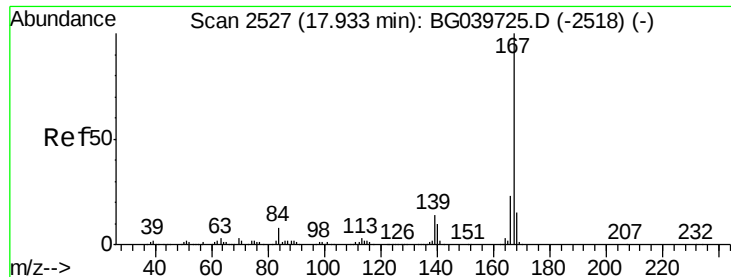
Tgt Ion:178 Resp: 673242
Ion Ratio Lower Upper
178 100
176 21.0 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 42.297 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion:178 Resp: 684728
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.7 12.5 18.7

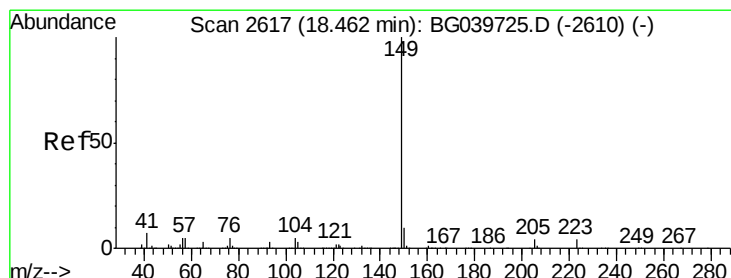
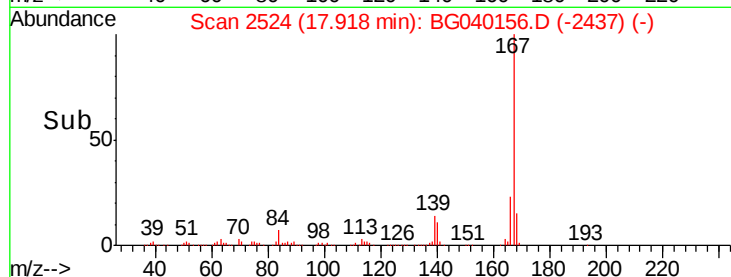
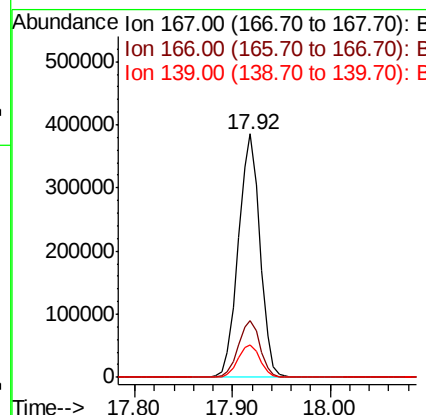
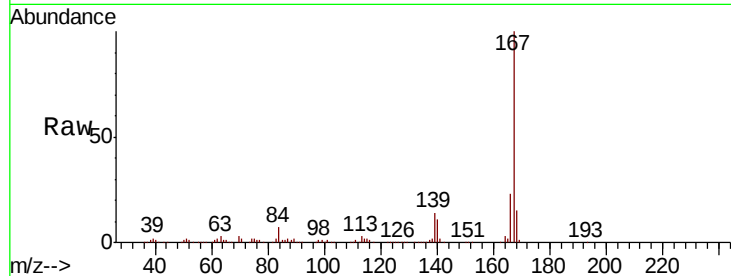




#73
 Carbazole
 Concen: 40.382 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

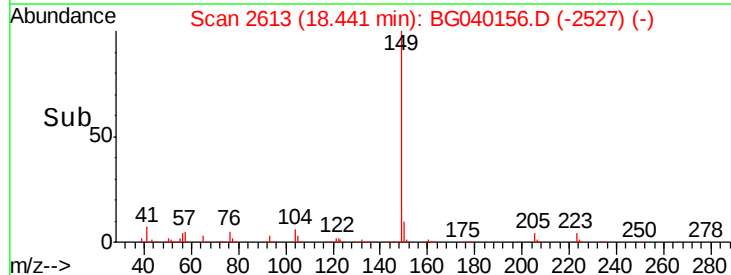
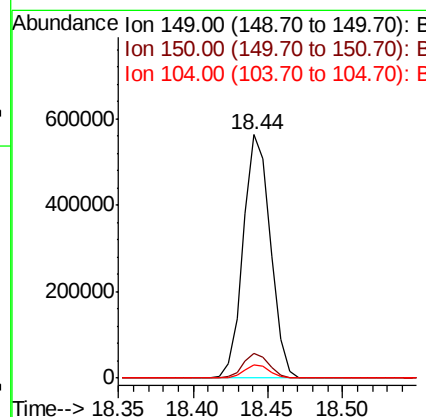
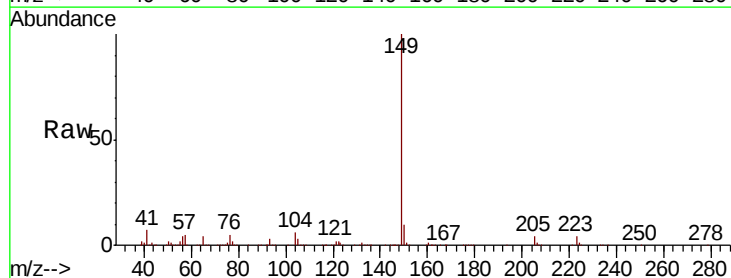
Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

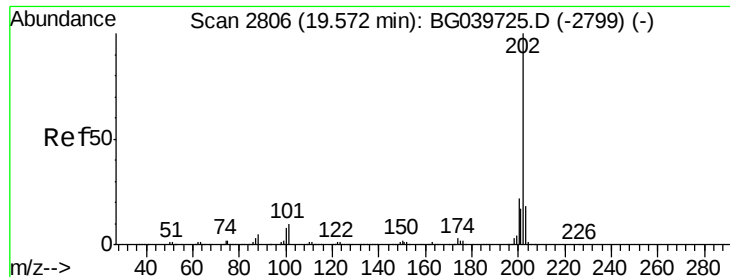
Tgt Ion:167 Resp: 589338
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.4 29.2
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 41.431 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.03 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion:149 Resp: 711414
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.7 11.5
 104 5.5 4.5 6.7





#75

Fluoranthene

Concen: 41.026 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

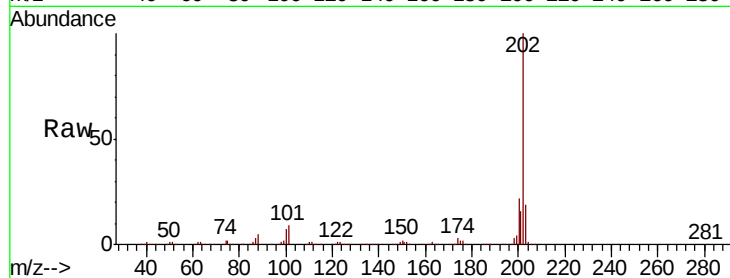
Tgt Ion:202 Resp: 805460

Ion Ratio Lower Upper

202 100

101 8.5 0.0 30.0

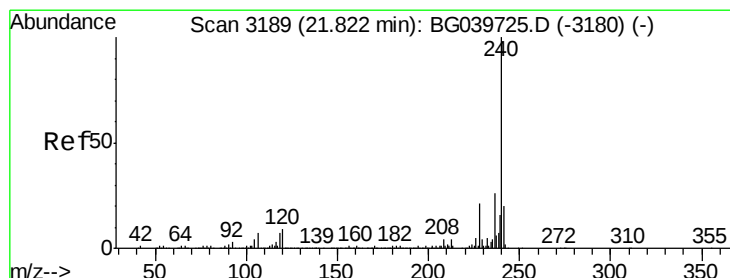
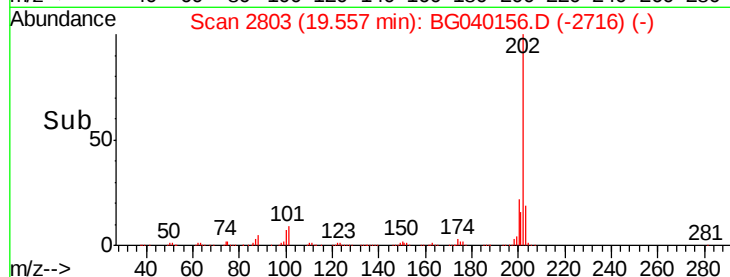
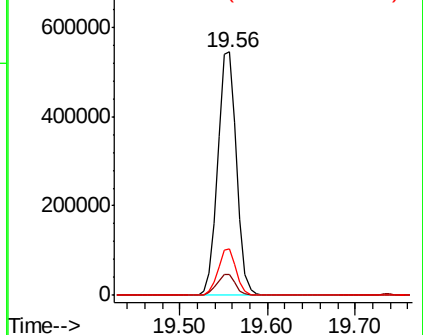
203 19.0 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

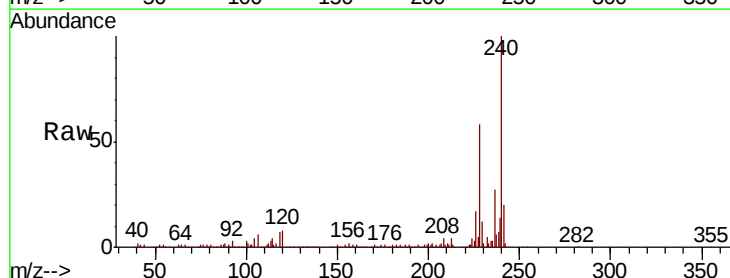
Tgt Ion:240 Resp: 299601

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

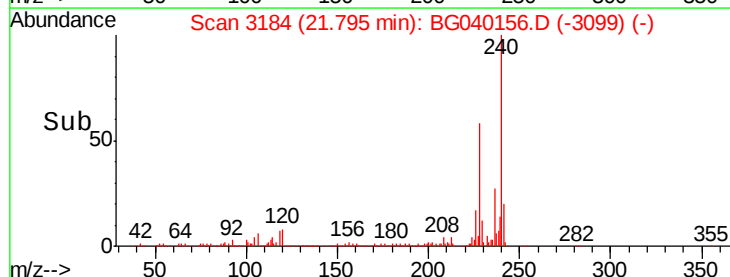
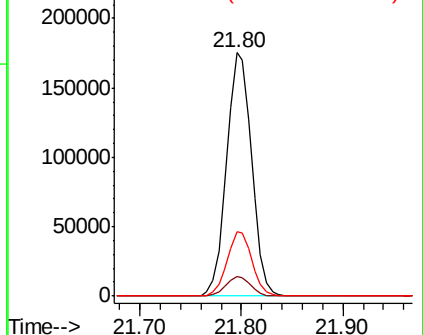
236 26.6 21.0 31.4

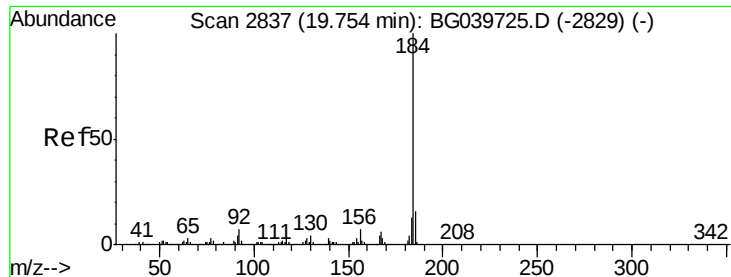


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 70.808 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

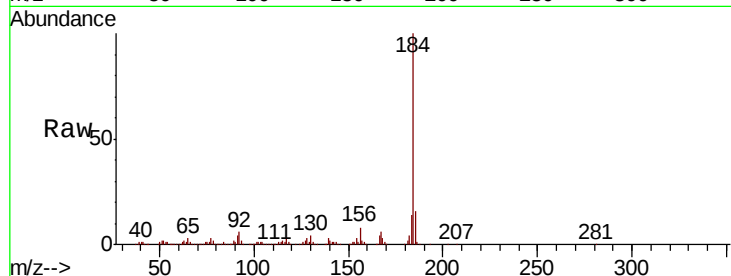
Tgt Ion:184 Resp: 673190

Ion Ratio Lower Upper

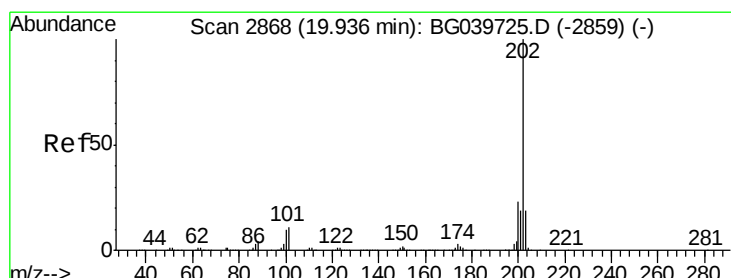
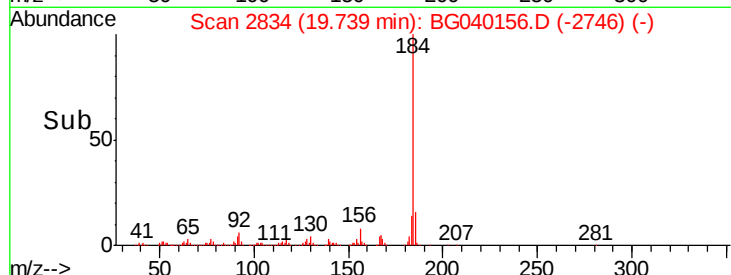
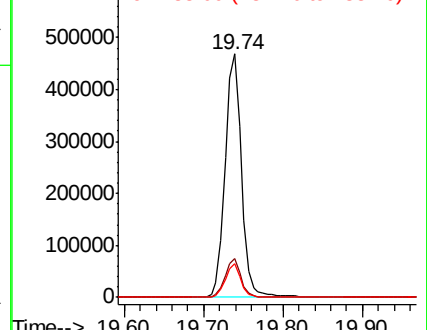
184 100

185 15.9 12.2 18.2

183 13.7 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.049 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

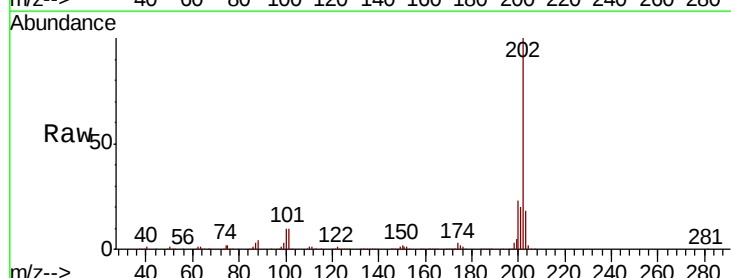
Tgt Ion:202 Resp: 799150

Ion Ratio Lower Upper

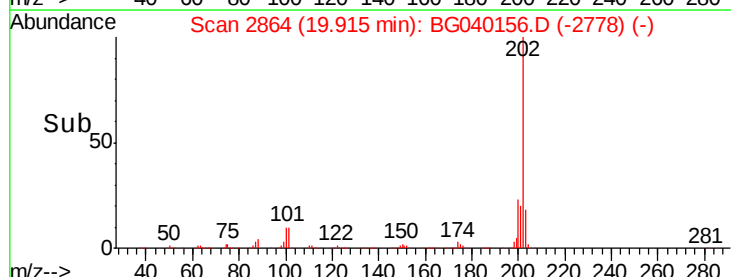
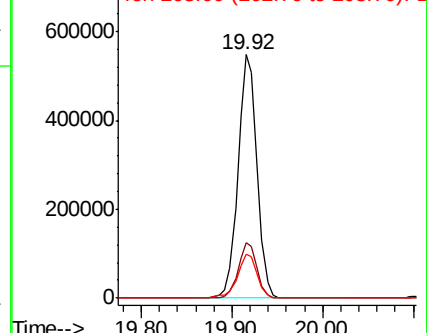
202 100

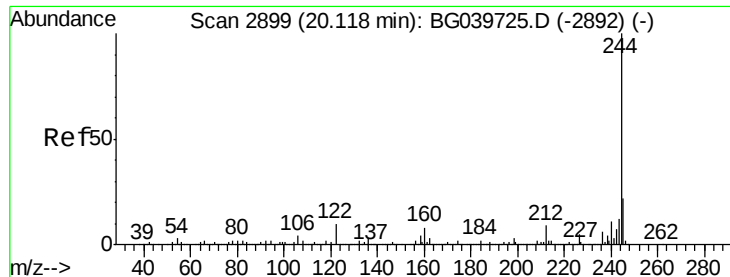
200 22.6 17.8 26.8

203 18.3 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.874 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

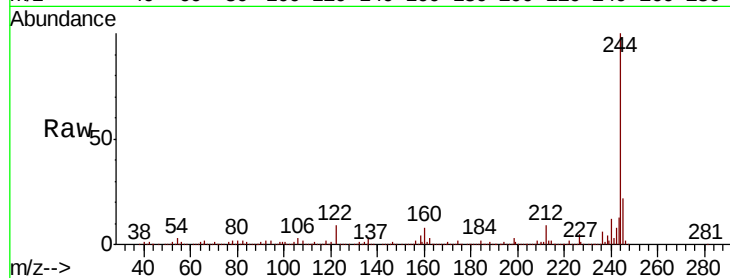
Tgt Ion:244 Resp: 1182104

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

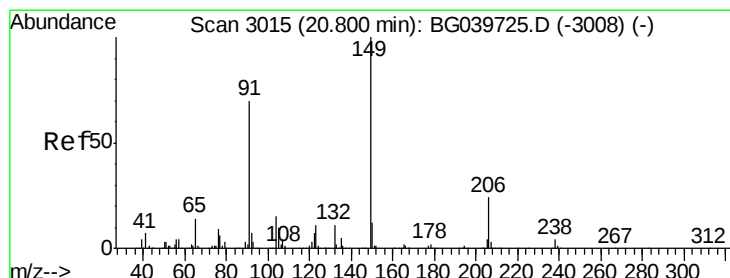
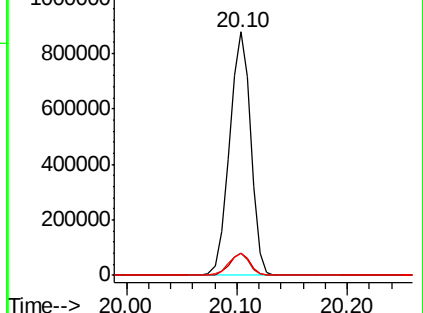
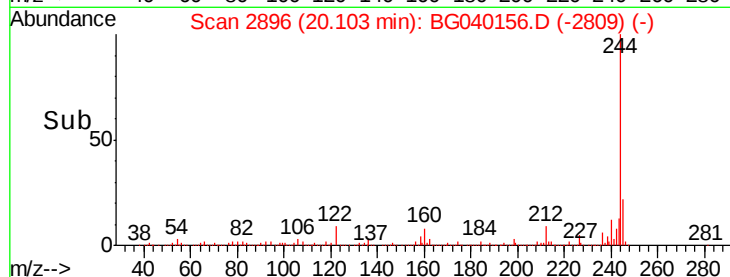
122 9.2 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.501 ng

RT: 20.78 min Scan# 3011

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

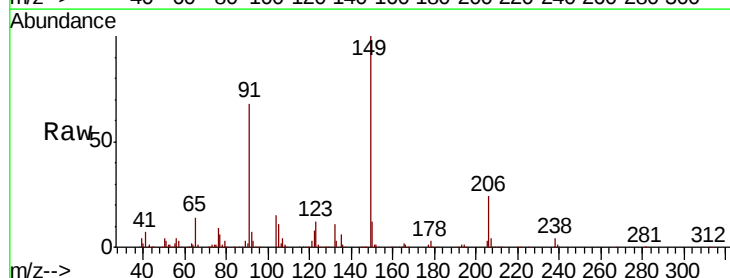
Tgt Ion:149 Resp: 328107

Ion Ratio Lower Upper

149 100

91 67.7 59.5 89.3

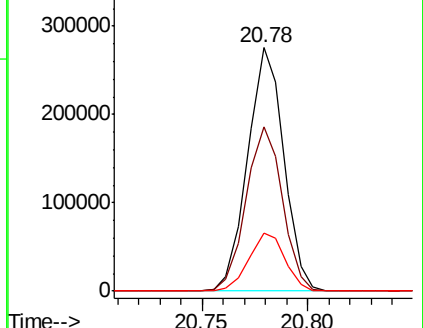
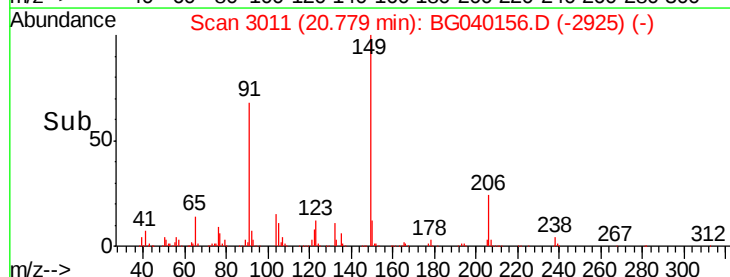
206 23.8 18.6 27.8

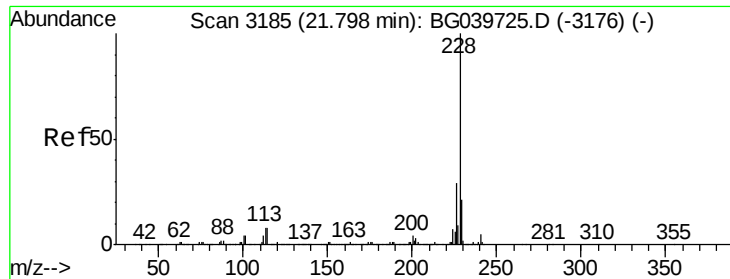


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

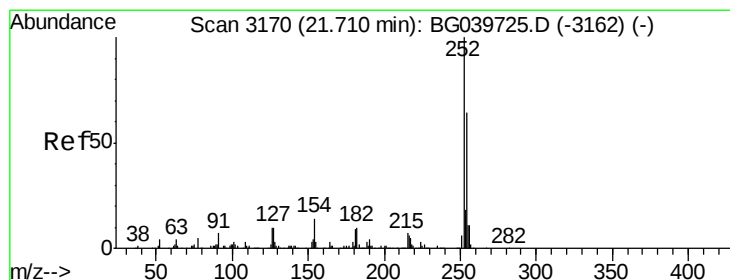
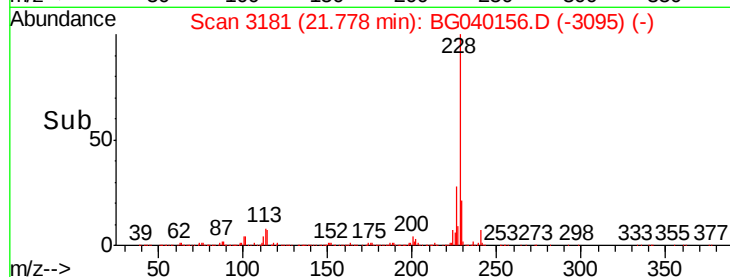
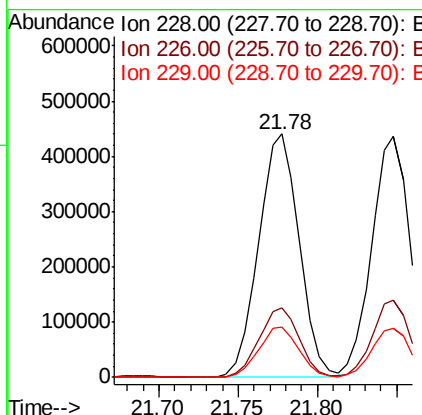
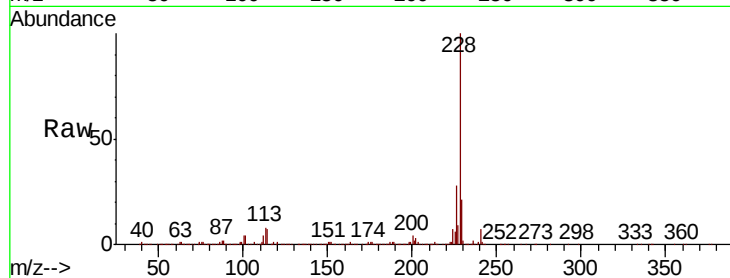




#81
Benzo(a)anthracene
Concen: 41.630 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

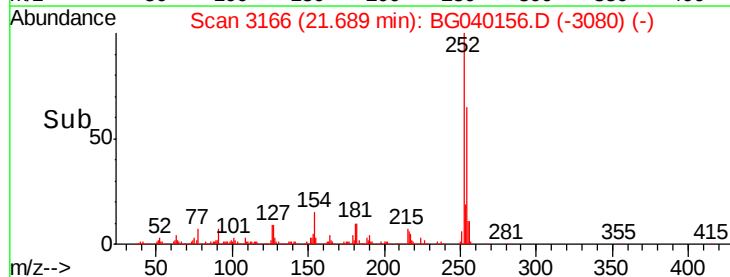
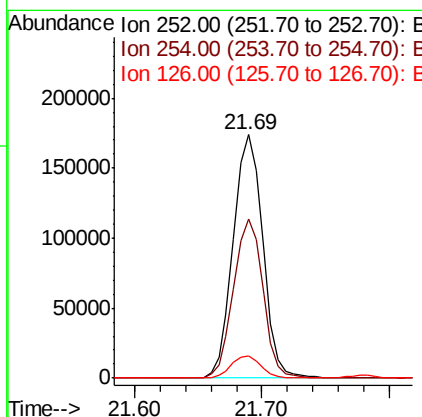
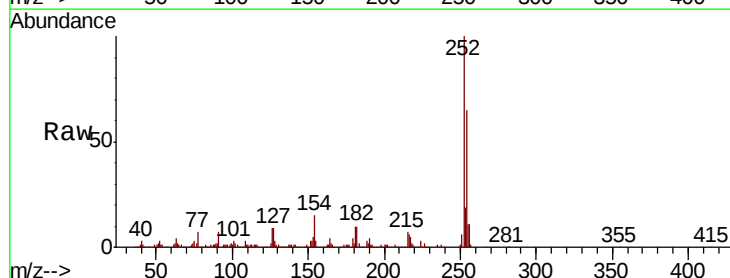
Instrument :
BNA_G
ClientSampleId :
PB118294BSD

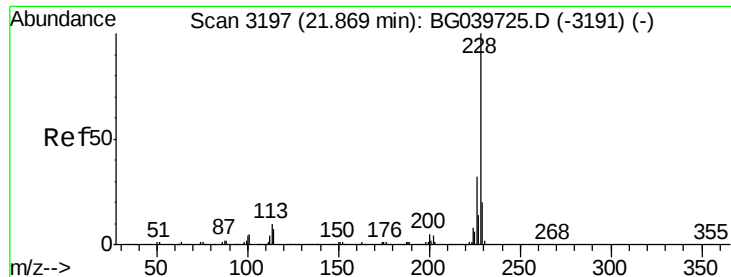
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	20.6	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 40.950 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.3	76.9
126	9.3	8.0	12.0





#83

Chrysene

Concen: 40.095 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

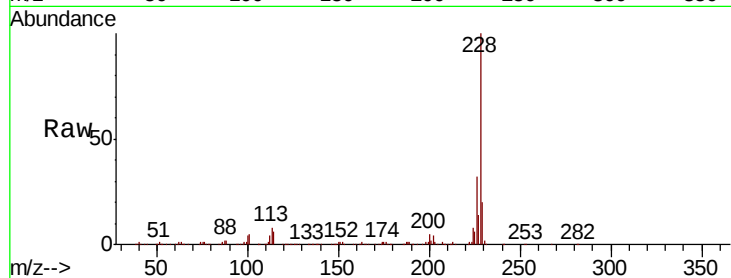
Tgt Ion:228 Resp: 729880

Ion Ratio Lower Upper

228 100

226 32.1 25.8 38.6

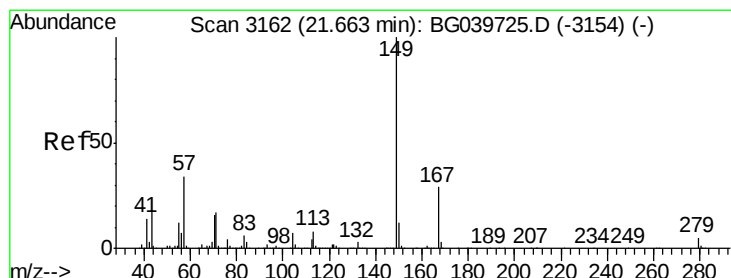
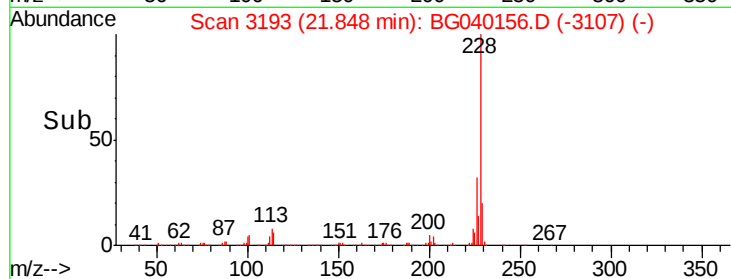
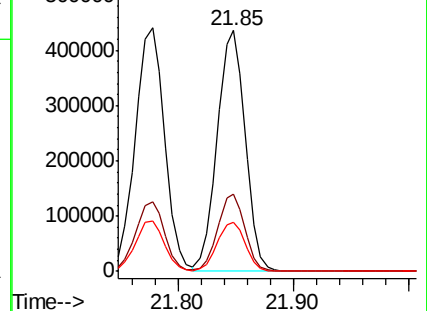
229 20.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.601 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.03 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

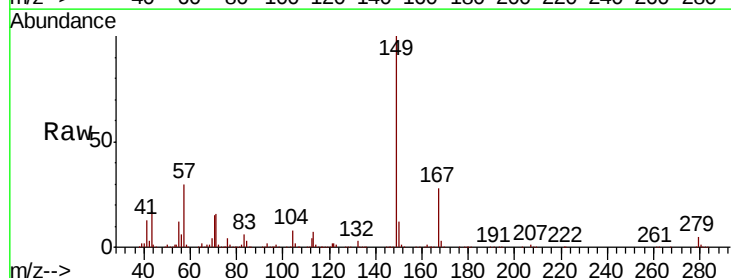
Tgt Ion:149 Resp: 451530

Ion Ratio Lower Upper

149 100

167 28.0 22.6 34.0

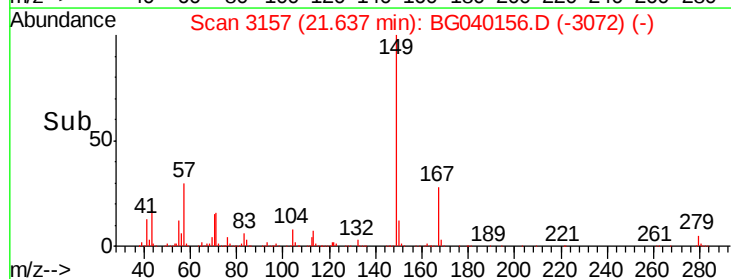
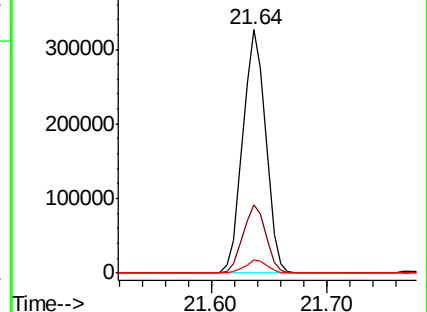
279 5.4 3.5 5.3#

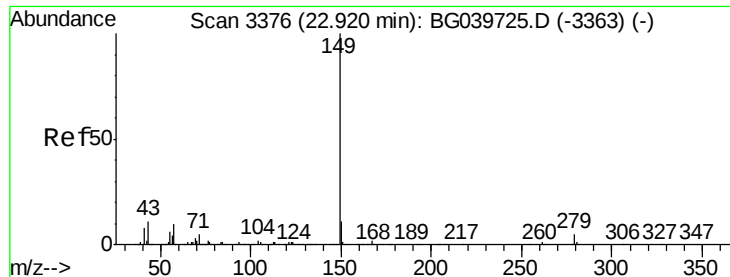


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

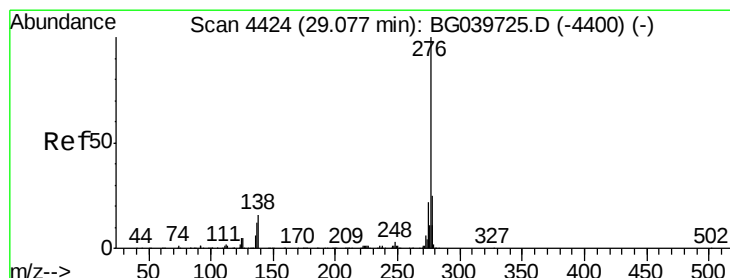
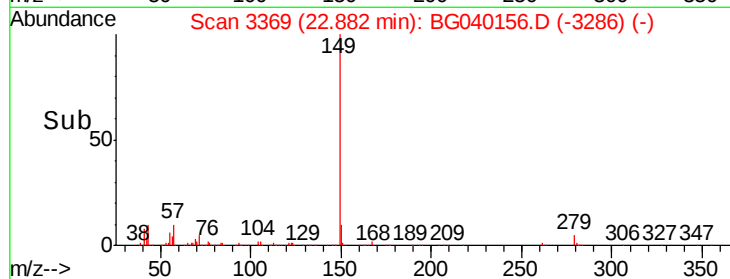
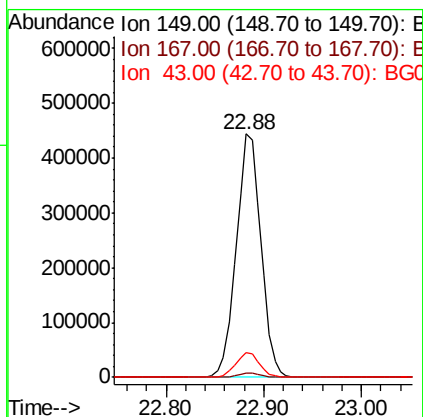
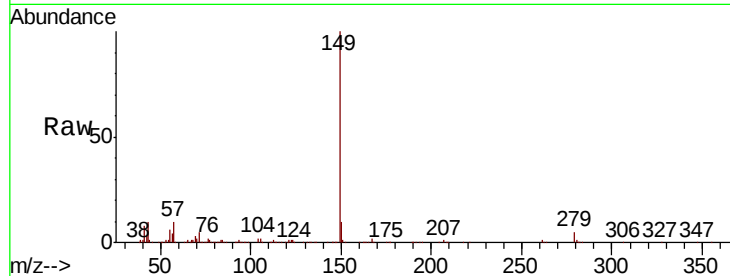




#85
 Di-n-octyl phthalate
 Concen: 44.160 ng
 RT: 22.88 min Scan# 3369
 Delta R.T. -0.04 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

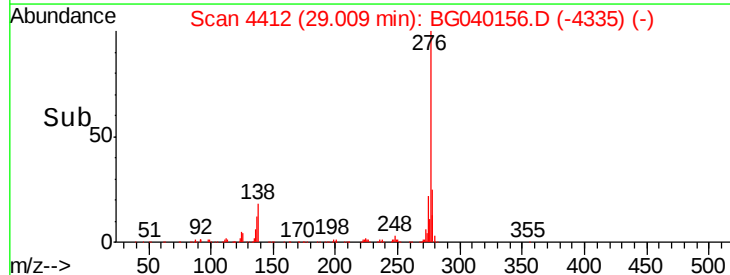
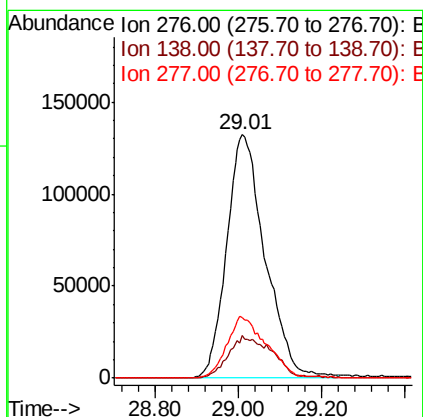
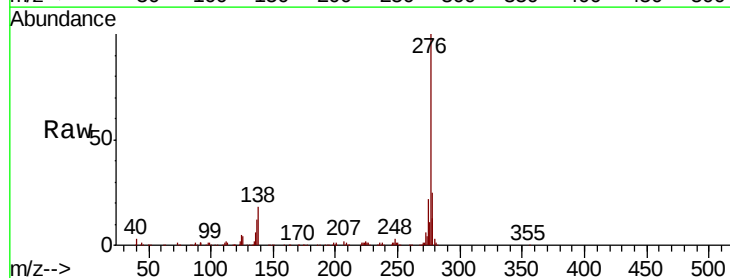
Instrument :
 BNA_G
 ClientSampleId :
 PB118294BSD

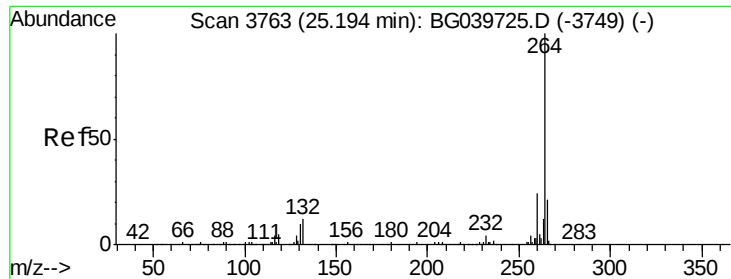
Tgt Ion:149 Resp: 774996
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 9.9 10.2 15.4#



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 41.038 ng
 RT: 29.01 min Scan# 4412
 Delta R.T. -0.08 min
 Lab File: BG040156.D
 Acq: 26 Mar 2019 20:58

Tgt Ion:276 Resp: 847484
 Ion Ratio Lower Upper
 276 100
 138 19.4 12.6 19.0#
 277 25.8 20.8 31.2

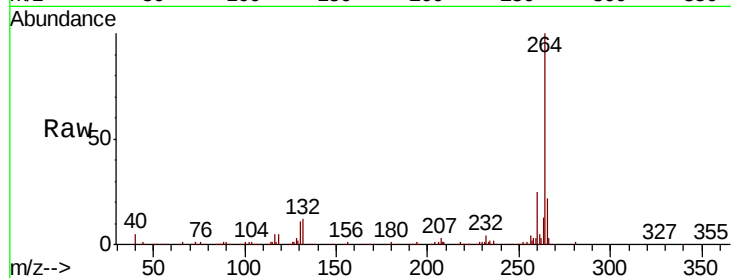




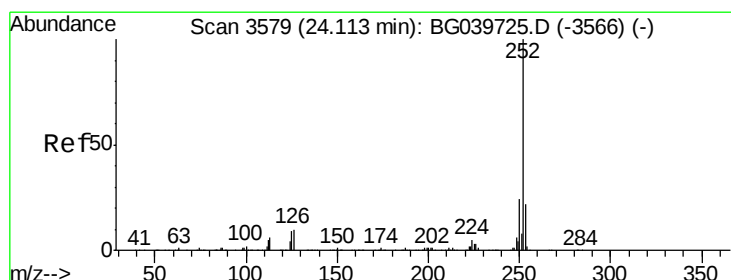
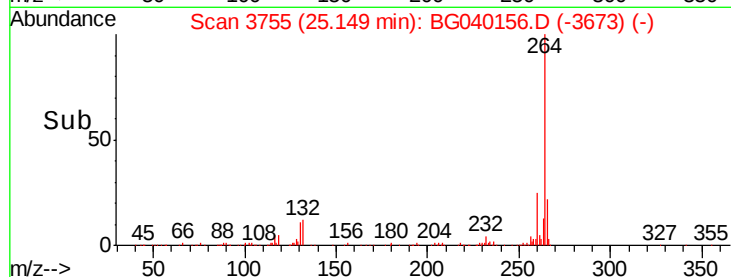
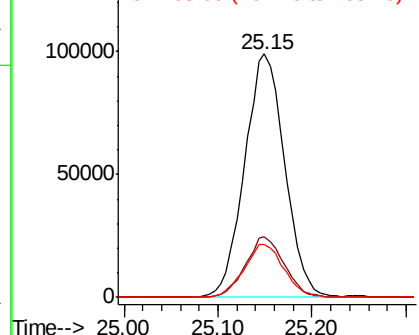
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Instrument :
BNA_G
ClientSampleId :
PB118294BSD

Tgt Ion:264 Resp: 293183
Ion Ratio Lower Upper
264 100
260 25.0 18.2 27.4
265 21.9 18.5 27.7

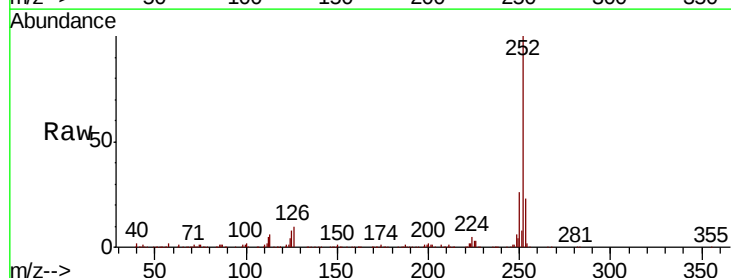


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

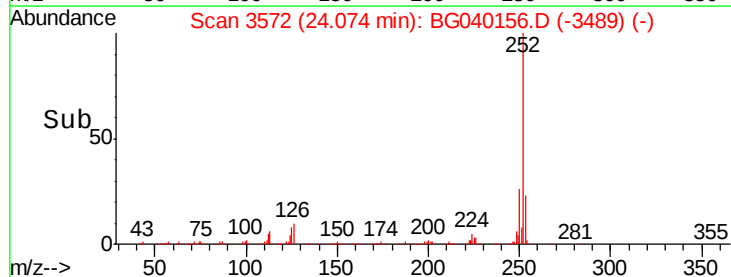
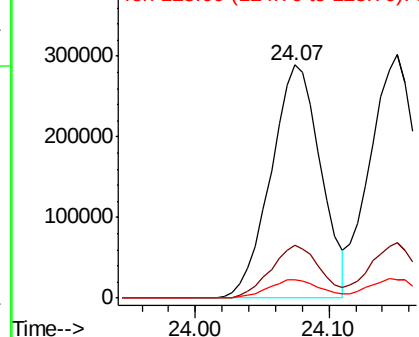


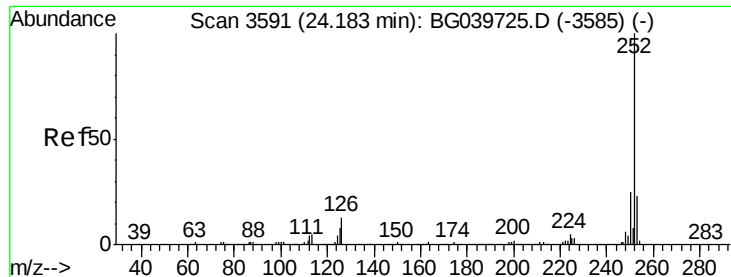
#88
Benzo(b)fluoranthene
Concen: 42.922 ng
RT: 24.07 min Scan# 3572
Delta R.T. -0.04 min
Lab File: BG040156.D
Acq: 26 Mar 2019 20:58

Tgt Ion:252 Resp: 750404
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 7.7 7.8 11.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.273 ng

RT: 24.15 min Scan# 3585

Delta R.T. -0.04 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

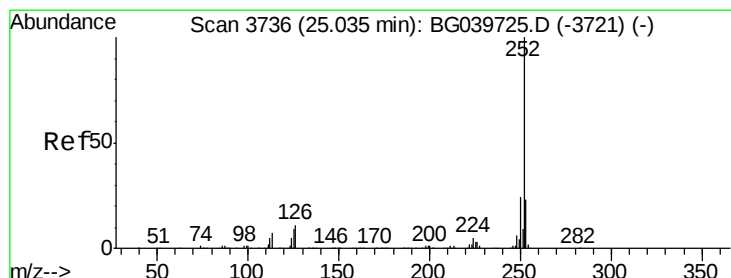
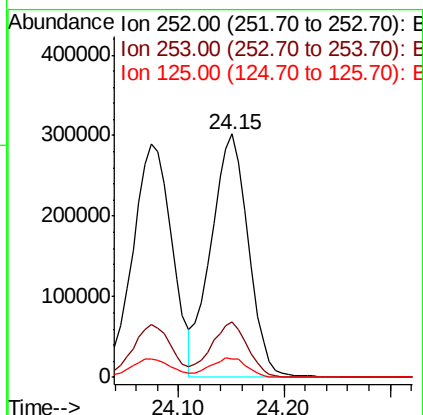
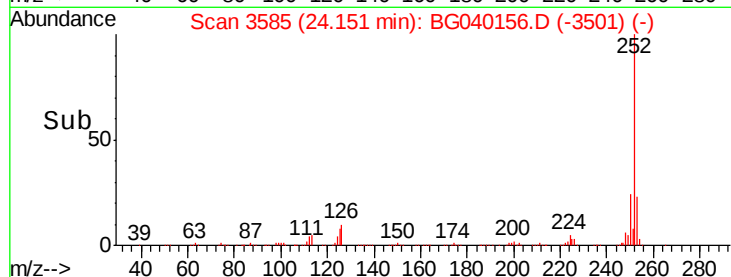
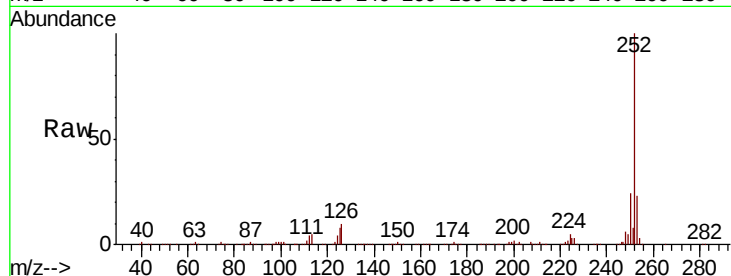
Tgt Ion:252 Resp: 736783

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 7.6 7.4 11.2



#90

Benzo(a)pyrene

Concen: 45.675 ng

RT: 24.99 min Scan# 3728

Delta R.T. -0.05 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

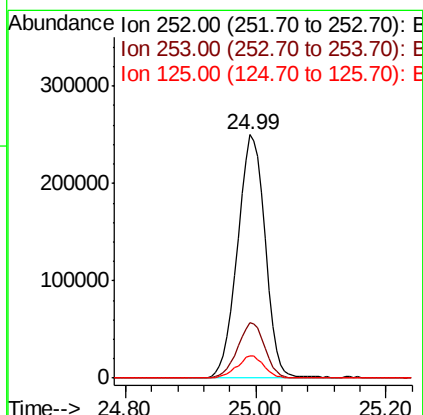
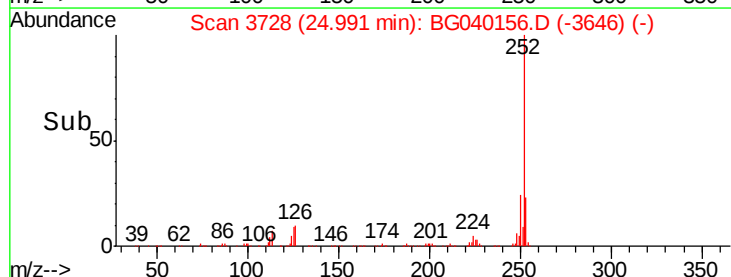
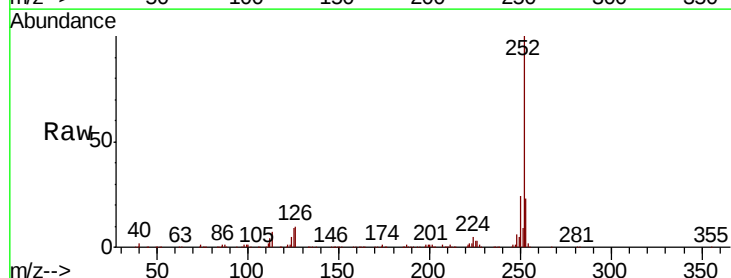
Tgt Ion:252 Resp: 737889

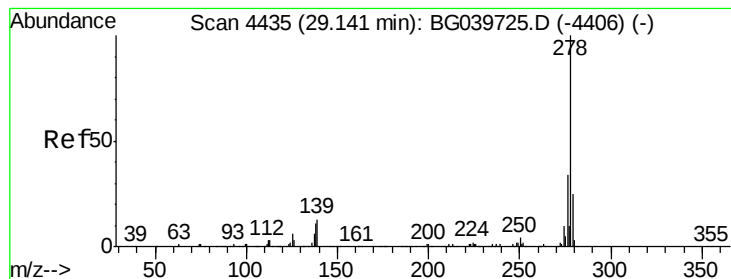
Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

125 9.3 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 42.997 ng

RT: 29.07 min Scan# 4423

Delta R.T. -0.08 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

Instrument :

BNA_G

ClientSampleId :

PB118294BSD

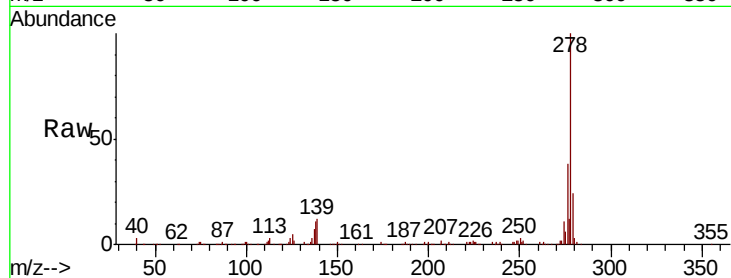
Tgt Ion:278 Resp: 680993

Ion Ratio Lower Upper

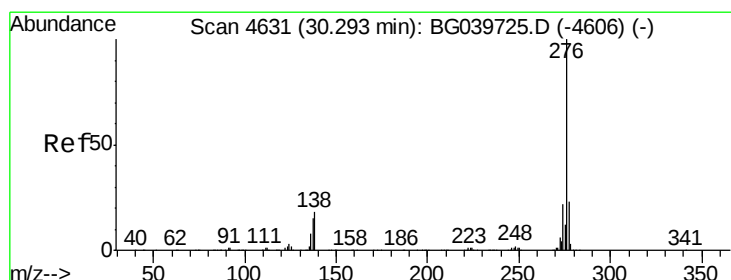
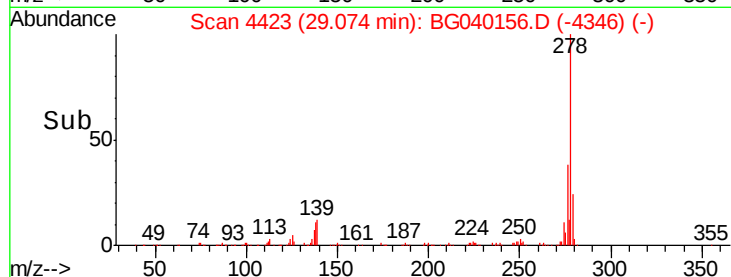
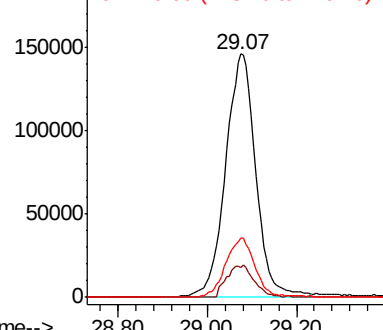
278 100

139 12.3 11.7 17.5

279 24.3 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.982 ng

RT: 30.22 min Scan# 4619

Delta R.T. -0.09 min

Lab File: BG040156.D

Acq: 26 Mar 2019 20:58

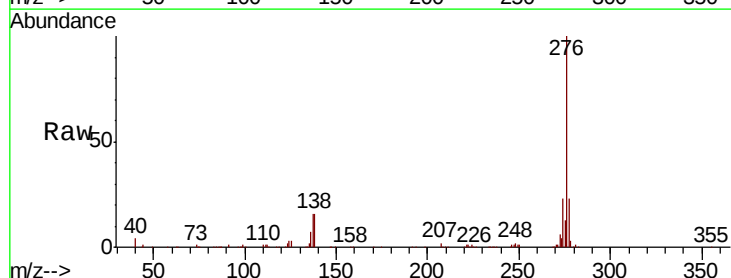
Tgt Ion:276 Resp: 699599

Ion Ratio Lower Upper

276 100

277 22.8 19.6 29.4

138 16.3 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

