

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032119\
 Data File : BG040068.D
 Acq On : 21 Mar 2019 16:31
 Operator : JU/SJ
 Sample : PB118155BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118155BS

Quant Time: Mar 22 01:33:15 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	8.15	152	42169	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	195118	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	139012	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	332765	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	311238	20.00	ng	-0.02
87) Perylene-d12	25.17	264	306860	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	391443	158.36	ng	-0.02
7) Phenol-d6	7.30	99	570049	154.67	ng	-0.01
23) Nitrobenzene-d5	9.33	82	339511	94.11	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	233014	143.81	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	842927	86.34	ng	-0.02
79) Terphenyl-d14	20.11	244	1249384	88.39	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	32521	28.498	ng	97
3) Pyridine	3.98	79	96349	31.537	ng	96
4) n-Nitrosodimethylamine	3.90	42	56975	39.312	ng	89
6) Aniline	7.47	93	130402	27.006	ng	98
8) 2-Chlorophenol	7.71	128	132904	44.320	ng	96
9) Benzaldehyde	7.28	77	65427	27.520	ng	98
10) Phenol	7.32	94	185280	46.405	ng	94
11) bis(2-Chloroethyl)ether	7.56	93	126348	40.588	ng	94
12) 1,3-Dichlorobenzene	8.03	146	131085	38.651	ng	97
13) 1,4-Dichlorobenzene	8.18	146	135560	39.241	ng	98
14) 1,2-Dichlorobenzene	8.50	146	133003	39.848	ng	98
15) Benzyl Alcohol	8.39	79	127928	43.757	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	240489	38.627	ng	97
17) 2-Methylphenol	8.58	107	120359	47.276	ng	95
18) Hexachloroethane	9.23	117	48742	39.322	ng	97
19) n-Nitroso-di-n-propylamine	8.94	70	106976	40.326	ng	# 99
20) 3+4-Methylphenols	8.91	107	164629	46.547	ng	# 99
22) Acetophenone	8.97	105	208240	39.764	ng	# 93
24) Nitrobenzene	9.37	77	160228	42.336	ng	97
25) Isophorone	9.88	82	313598	41.485	ng	98
26) 2-Nitrophenol	10.08	139	81601	44.656	ng	98
27) 2,4-Dimethylphenol	10.12	122	139214	48.985	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	190305	41.427	ng	98
29) 2,4-Dichlorophenol	10.61	162	154866	48.399	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	150302	41.744	ng	99
31) Naphthalene	11.02	128	429583	41.583	ng	100
32) Benzoic acid	10.26	122	73663	39.159	ng	97
33) 4-Chloroaniline	11.13	127	66177	15.107	ng	97
34) Hexachlorobutadiene	11.28	225	99234	40.332	ng	95
35) Caprolactam	11.92	113	33087	27.069	ng	# 88
36) 4-Chloro-3-methylphenol	12.23	107	170766	46.556	ng	98
37) 2-Methylnaphthalene	12.61	142	335630	43.456	ng	98
38) 1-Methylnaphthalene	12.83	142	321531	42.838	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	188579	40.043	ng	99

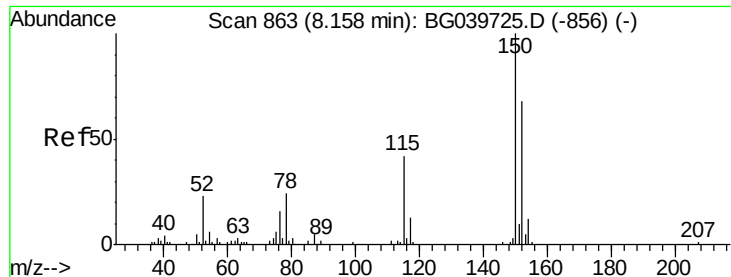
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032119\
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 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	237642	94.161	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	130753	47.424	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	141400	45.499	ng	97
46) 1,1'-Biphenyl	13.61	154	456458	39.923	ng	98
47) 2-Chloronaphthalene	13.66	162	359344	41.778	ng	99
48) 2-Nitroaniline	13.87	65	122781	44.418	ng	98
49) Acenaphthylene	14.50	152	579618	41.049	ng	100
50) Dimethylphthalate	14.22	163	478257	41.144	ng	99
51) 2,6-Dinitrotoluene	14.36	165	109977	44.629	ng	95
52) Acenaphthene	14.84	154	349111	41.079	ng	98
53) 3-Nitroaniline	14.68	138	53803	21.720	ng	# 98
54) 2,4-Dinitrophenol	14.89	184	75583	50.697	ng	96
55) Dibenzofuran	15.17	168	575062	41.243	ng	99
56) 4-Nitrophenol	14.99	139	173986	78.516	ng	89
57) 2,4-Dinitrotoluene	15.14	165	157301	45.429	ng	# 85
58) Fluorene	15.82	166	460667	42.026	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	140438	46.271	ng	98
60) Diethylphthalate	15.57	149	495208	43.035	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	247407	42.297	ng	96
62) 4-Nitroaniline	15.85	138	109559	40.797	ng	93
63) Azobenzene	16.09	77	442850	42.456	ng	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	75525	38.386	ng	98
66) n-Nitrosodiphenylamine	16.02	169	424724	44.088	ng	97
67) 4-Bromophenyl-phenylether	16.69	248	156984	42.146	ng	97
68) Hexachlorobenzene	16.81	284	164913	42.713	ng	97
69) Atrazine	16.96	200	152751	40.288	ng	97
70) Pentachlorophenol	17.16	266	202087	82.877	ng	98
71) Phenanthrene	17.56	178	759221	41.422	ng	99
72) Anthracene	17.65	178	769853	43.101	ng	98
73) Carbazole	17.93	167	659051	40.929	ng	99
74) Di-n-butylphthalate	18.45	149	806787	42.585	ng	100
75) Fluoranthene	19.56	202	877196	40.495	ng	99
77) Benzidine	19.74	184	225528	22.835	ng	97
78) Pyrene	19.92	202	872612	43.146	ng	99
80) Butylbenzylphthalate	20.79	149	367047	46.844	ng	95
81) Benzo(a)anthracene	21.79	228	836013	42.859	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	154524	21.698	ng	98
83) Chrysene	21.85	228	778344	41.159	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	503889	45.763	ng	99
85) Di-n-octyl phthalate	22.90	149	853456	46.813	ng	95
86) Indeno(1,2,3-cd)pyrene	29.04	276	924776	43.107	ng	98
88) Benzo(b)fluoranthene	24.09	252	810324	44.283	ng	99
89) Benzo(k)fluoranthene	24.16	252	775972	45.556	ng	99
90) Benzo(a)pyrene	25.01	252	791228	46.793	ng	99
91) Dibenzo(a,h)anthracene	29.11	278	749866	45.236	ng	98
92) Benzo(g,h,i)perylene	30.26	276	772358	46.392	ng	97

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

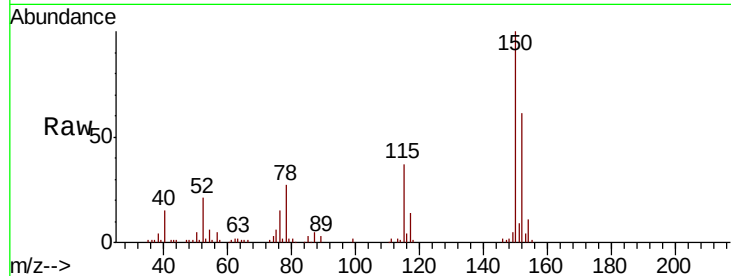


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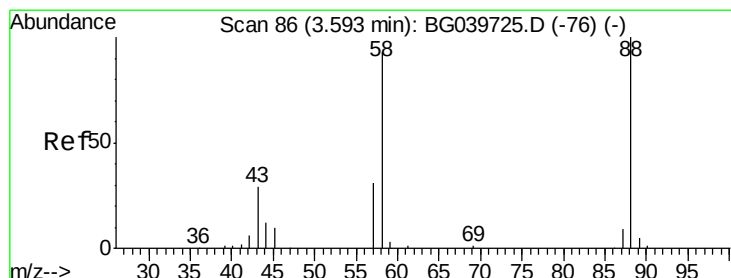
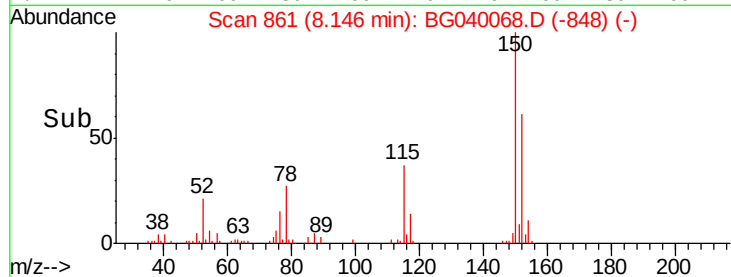
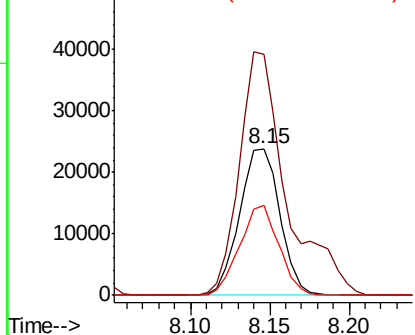
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tgt Ion:152 Resp: 42169
Ion Ratio Lower Upper
152 100
150 164.8 123.7 185.5
115 61.7 45.9 68.9



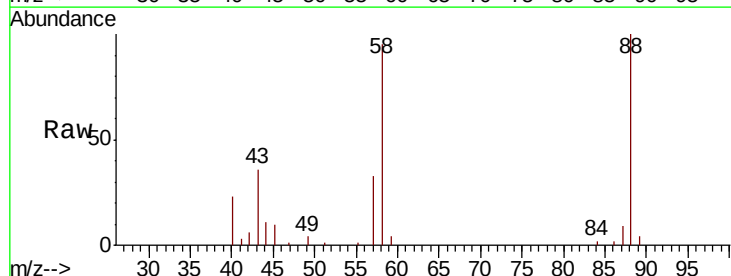
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



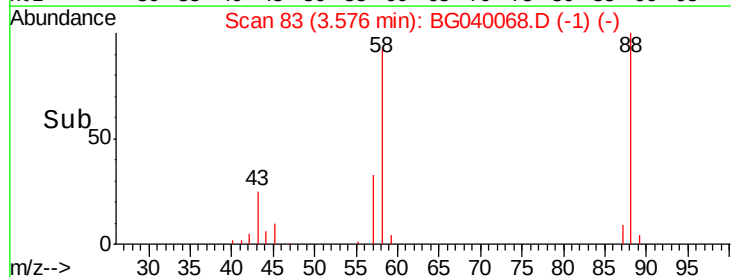
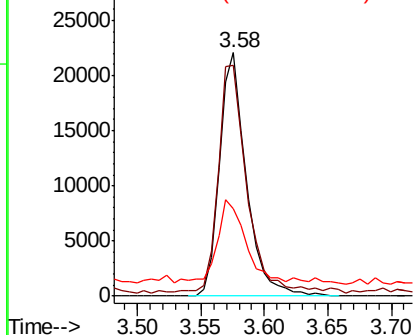
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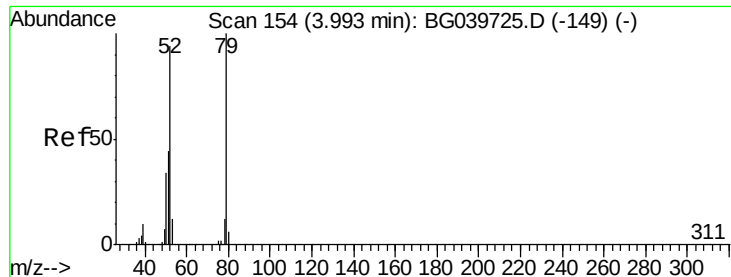
1,4-Dioxane
Concen: 28.498 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion: 88 Resp: 32521
Ion Ratio Lower Upper
88 100
58 100.1 81.1 121.7
43 34.3 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: 31.537 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

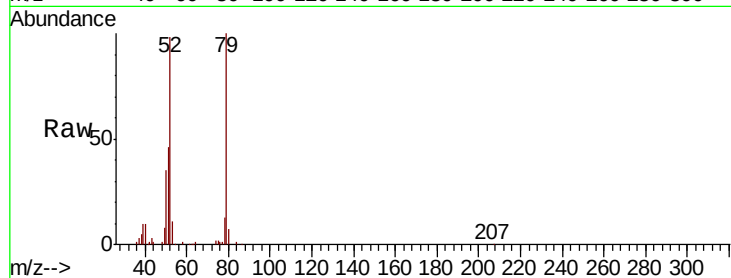
Tgt Ion: 79 Resp: 96349

Ion Ratio Lower Upper

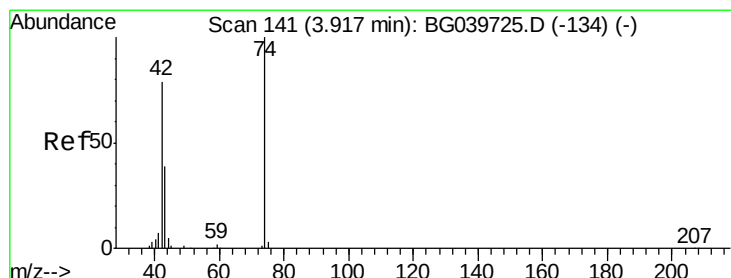
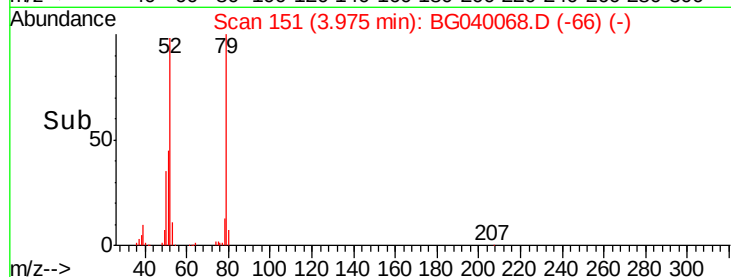
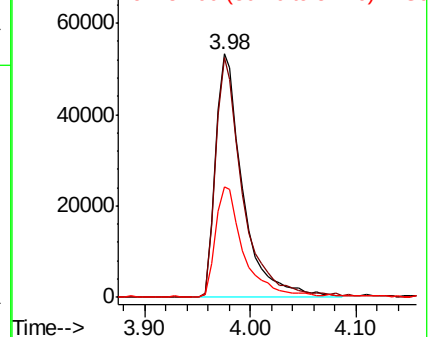
79 100

52 98.4 82.6 124.0

51 45.6 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: 39.312 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

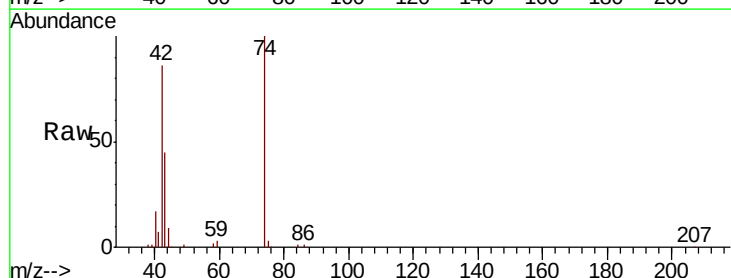
Tgt Ion: 42 Resp: 56975

Ion Ratio Lower Upper

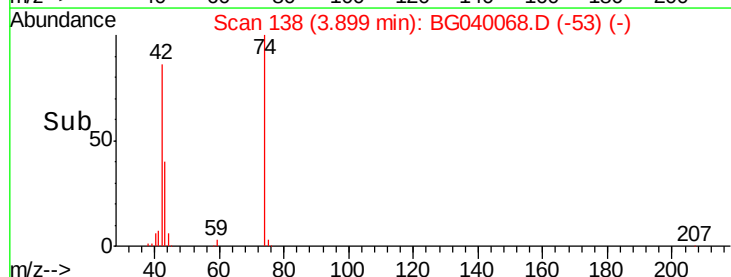
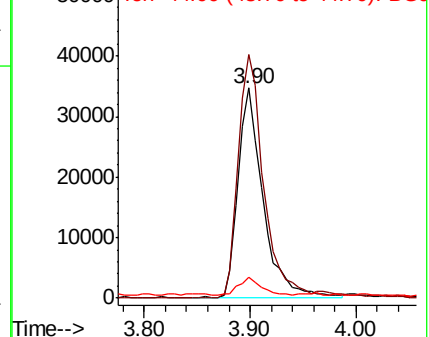
42 100

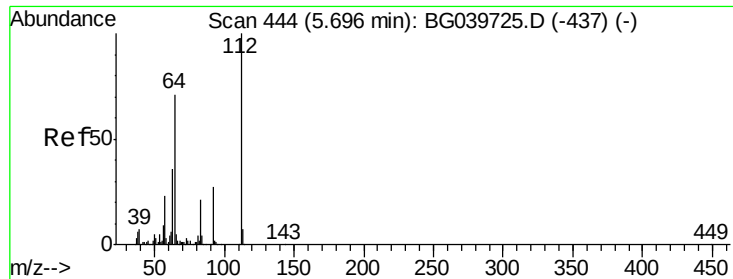
74 115.8 83.6 125.4

44 10.2 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: 158.364 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

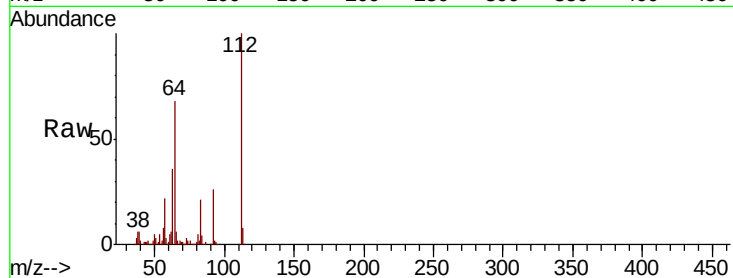
Tgt Ion: 112 Resp: 391443

Ion Ratio Lower Upper

112 100

64 67.9 57.8 86.8

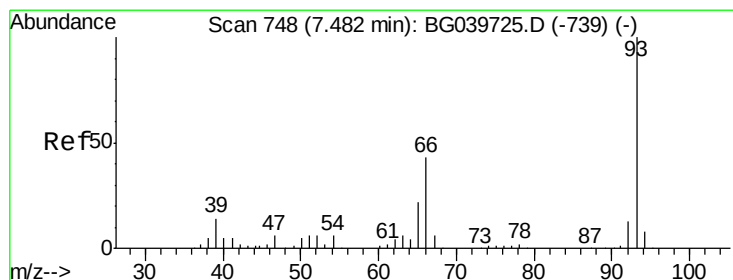
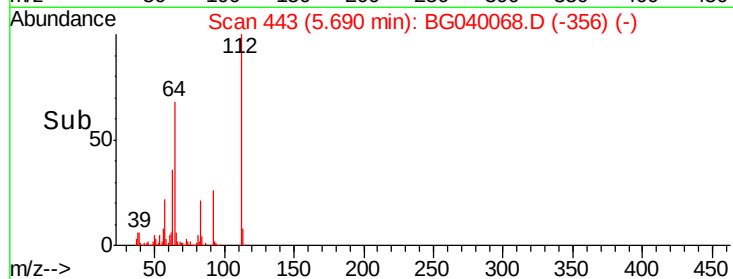
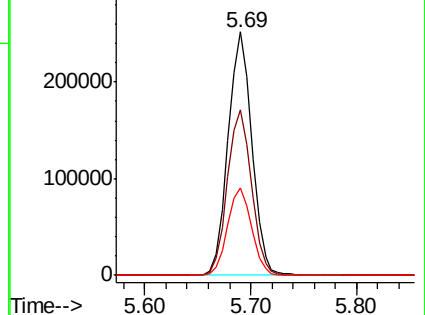
63 35.8 29.8 44.6



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: 27.006 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

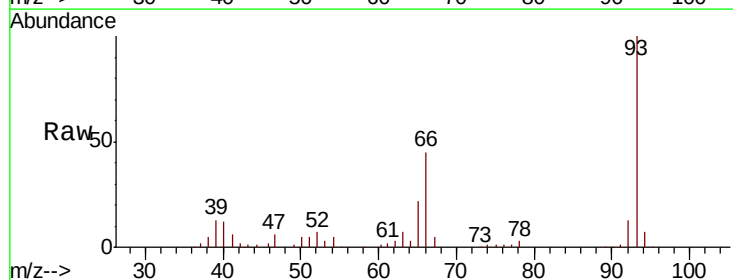
Tgt Ion: 93 Resp: 130402

Ion Ratio Lower Upper

93 100

66 44.9 34.2 51.4

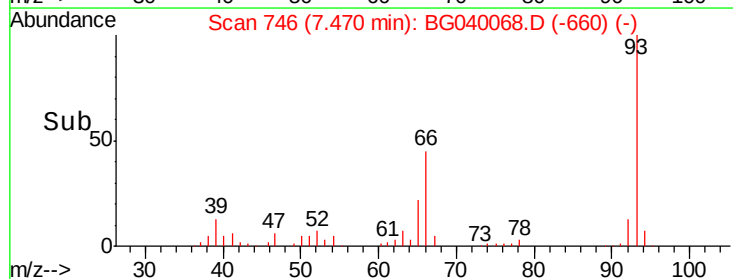
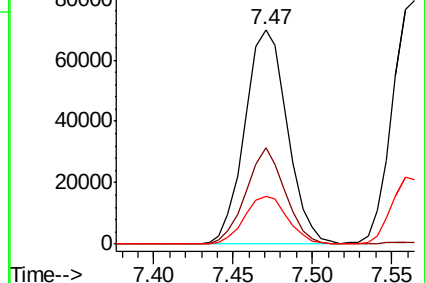
65 22.4 17.7 26.5

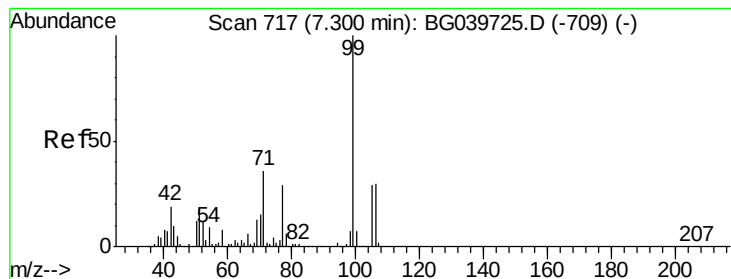


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 154.670 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG040068.D

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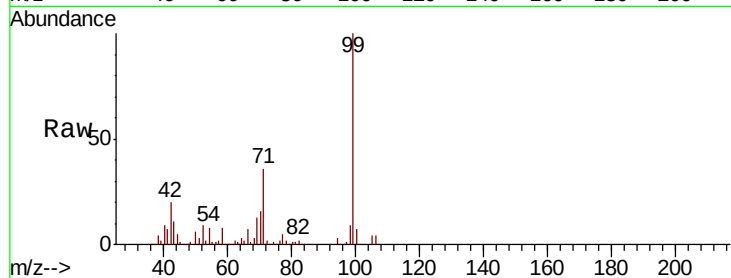
Tgt Ion: 99 Resp: 570049

Ion Ratio Lower Upper

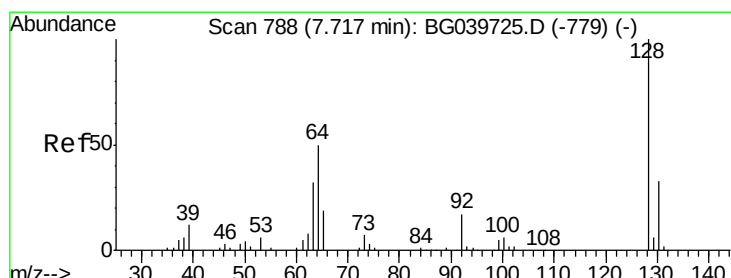
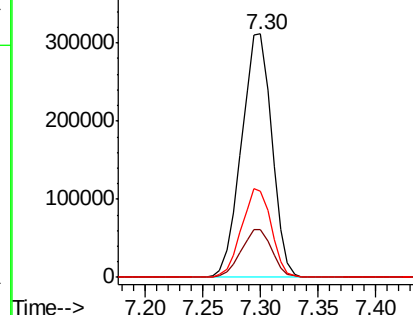
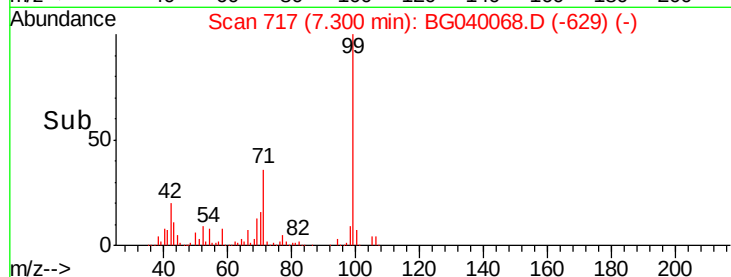
99 100

42 19.5 18.2 27.2

71 35.6 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: 44.320 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

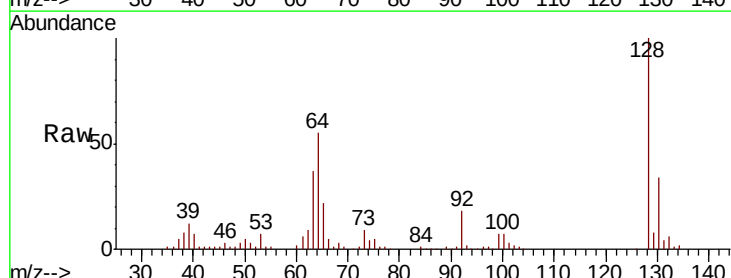
Tgt Ion: 128 Resp: 132904

Ion Ratio Lower Upper

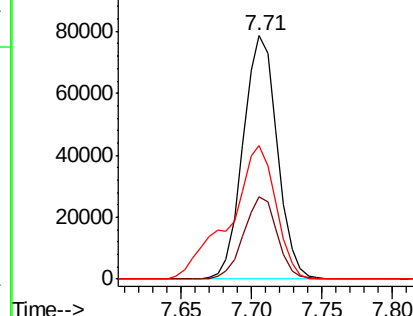
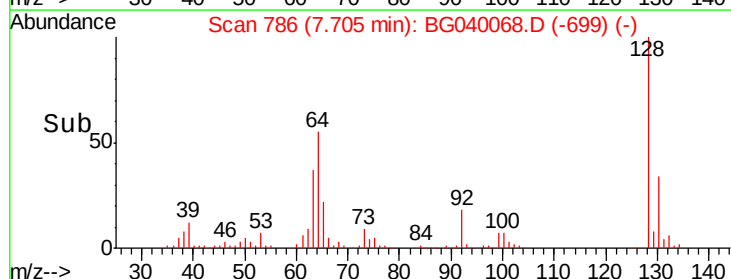
128 100

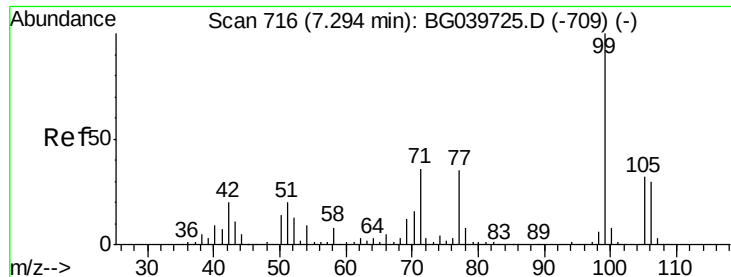
130 33.6 12.9 52.9

64 54.9 38.7 78.7



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





#9

Benzaldehyde

Concen: 27.520 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

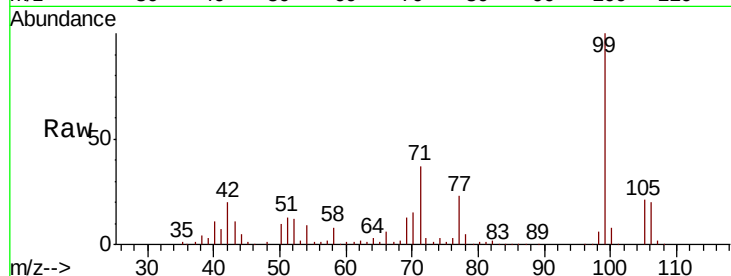
Tgt Ion: 77 Resp: 65427

Ion Ratio Lower Upper

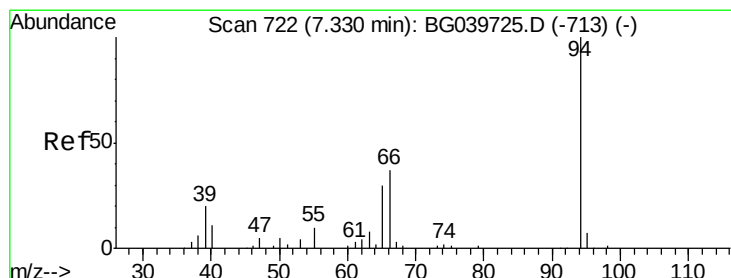
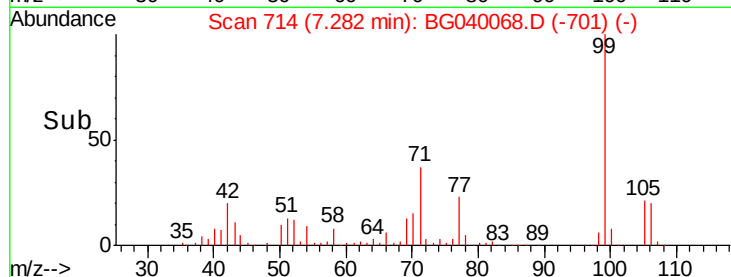
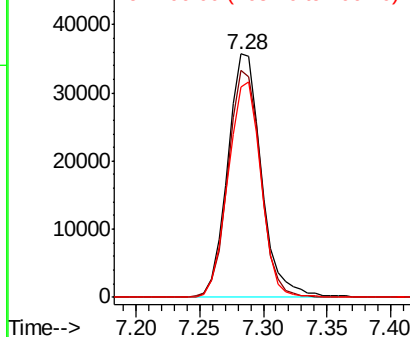
77 100

105 93.0 74.5 114.5

106 86.4 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: 46.405 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

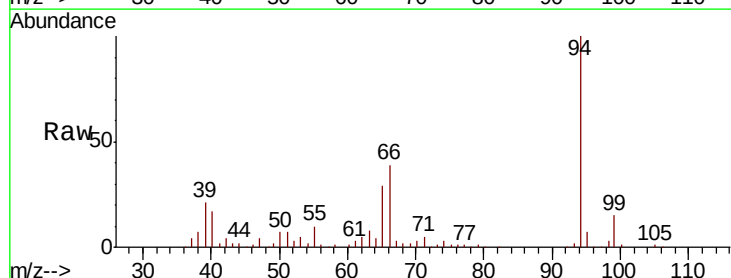
Tgt Ion: 94 Resp: 185280

Ion Ratio Lower Upper

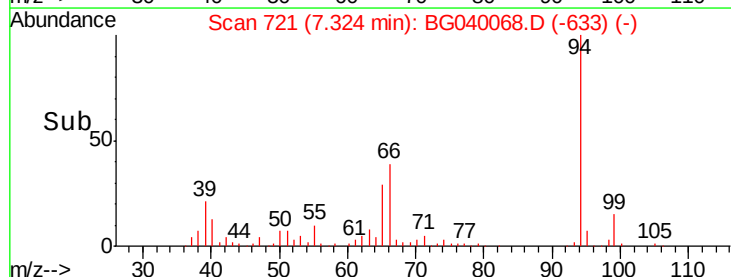
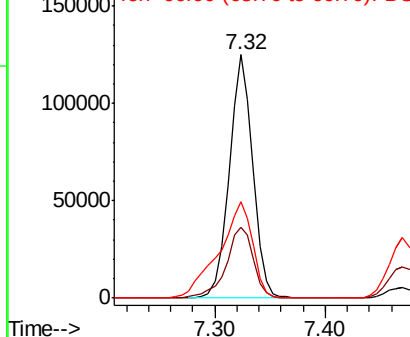
94 100

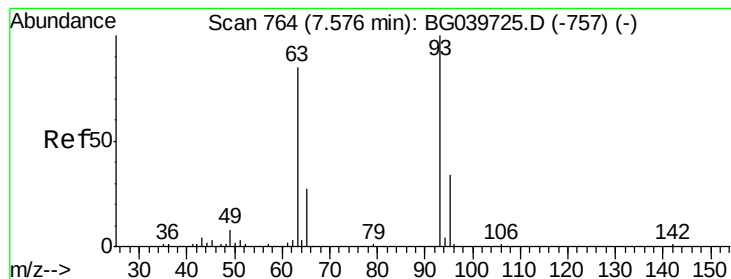
65 29.2 11.7 51.7

66 39.4 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: 40.588 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

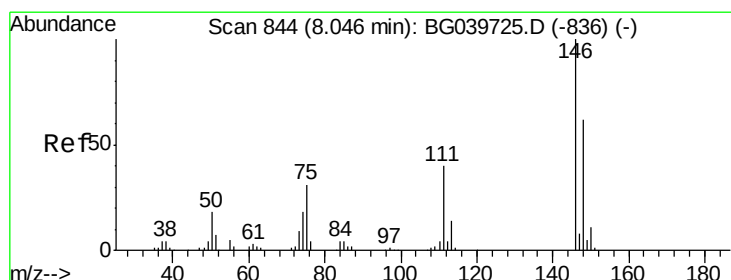
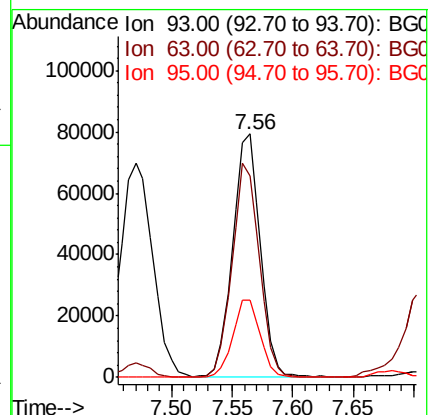
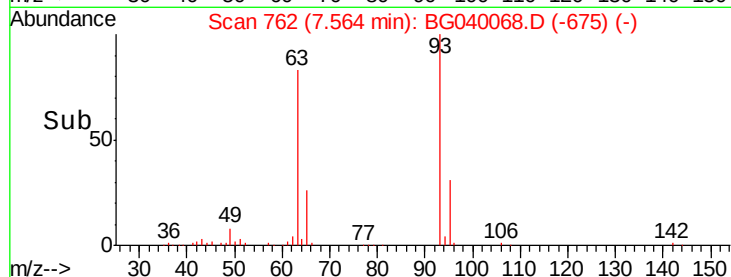
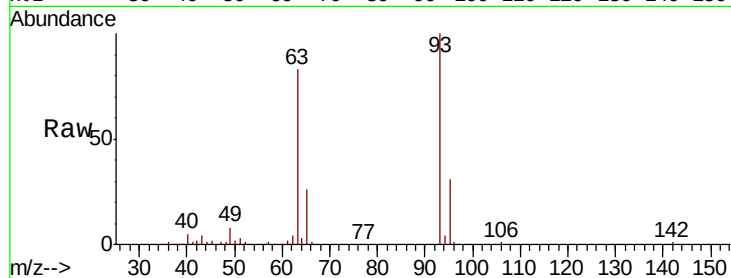
Tgt Ion: 93 Resp: 126348

Ion Ratio Lower Upper

93 100

63 82.7 69.5 109.5

95 31.5 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 38.651 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

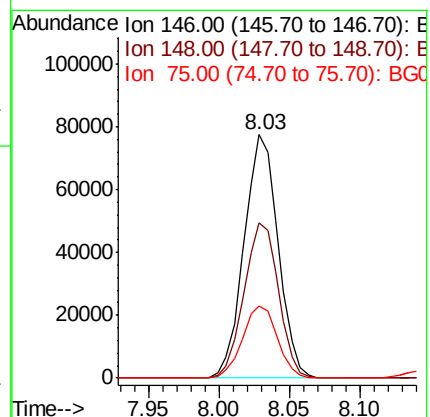
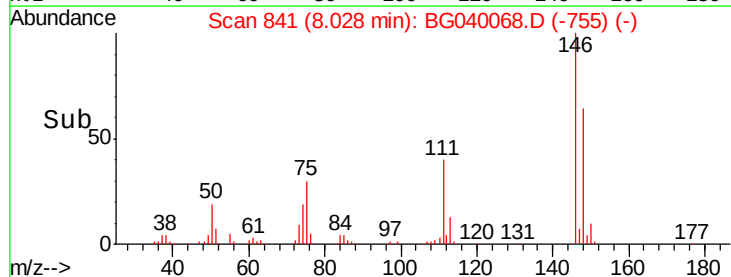
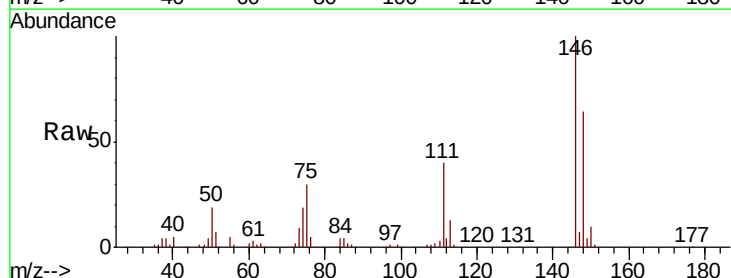
Tgt Ion: 146 Resp: 131085

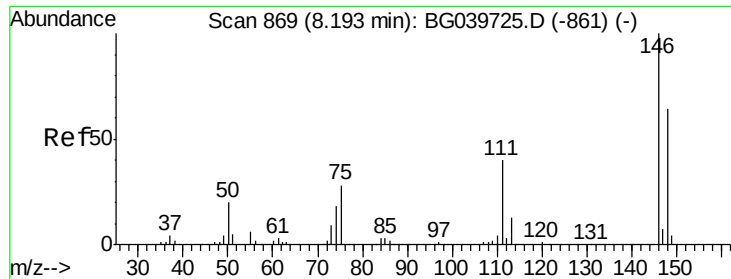
Ion Ratio Lower Upper

146 100

148 63.7 52.6 79.0

75 29.7 25.8 38.6

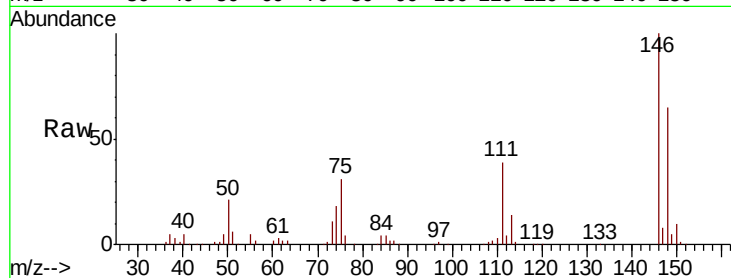




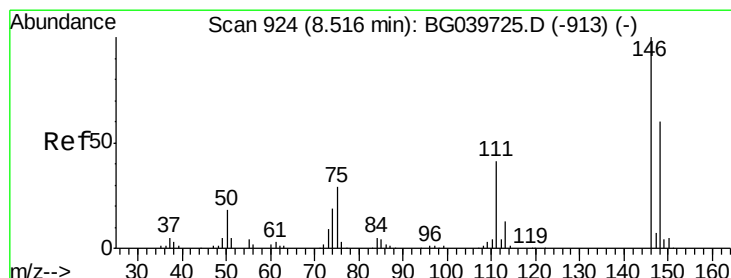
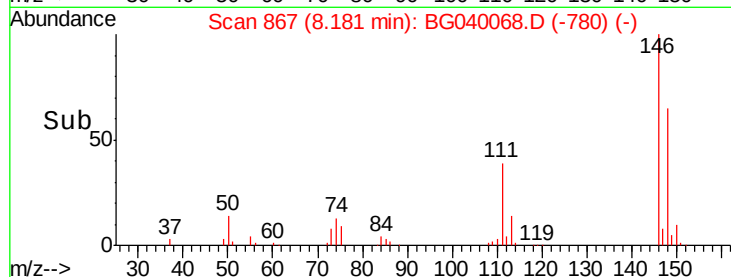
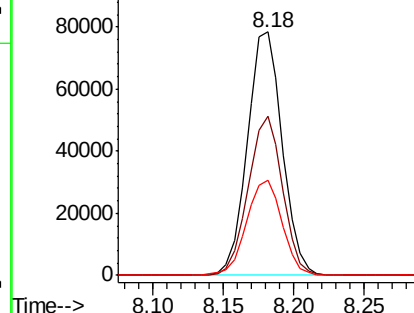
#13
 1,4-Dichlorobenzene
 Concen: 39.241 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB118155BS

Tgt Ion:146 Resp: 135560
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.1 76.7
 111 39.0 32.6 48.8

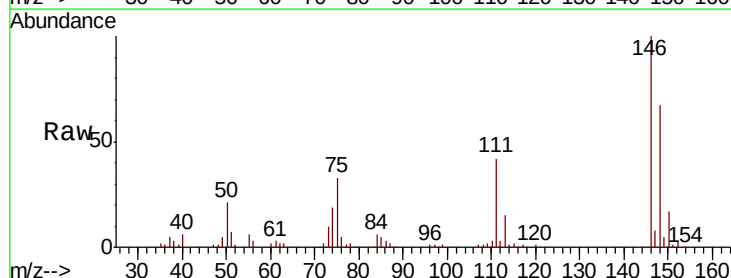


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

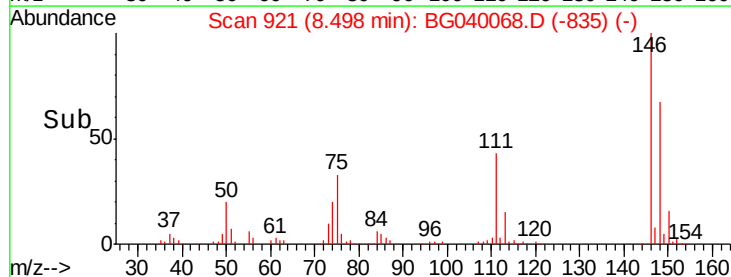
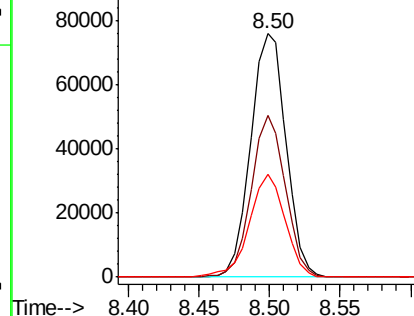


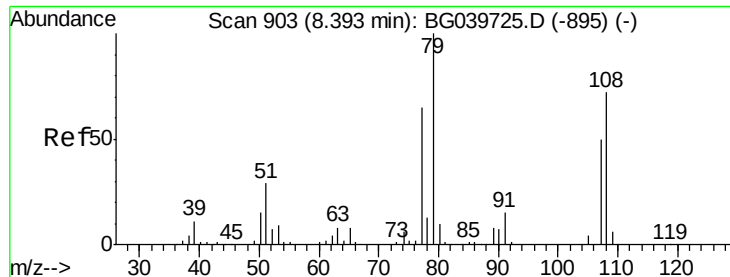
#14
 1,2-Dichlorobenzene
 Concen: 39.848 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Tgt Ion:146 Resp: 133003
 Ion Ratio Lower Upper
 146 100
 148 66.7 51.5 77.3
 111 42.5 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: 43.757 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

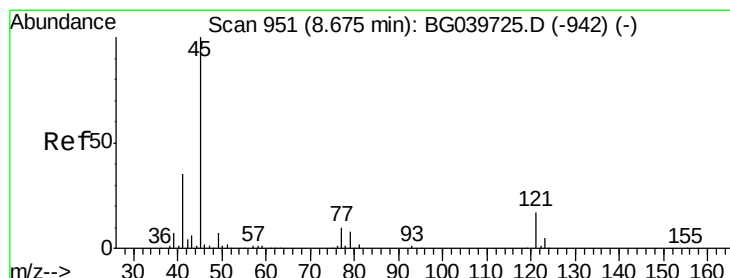
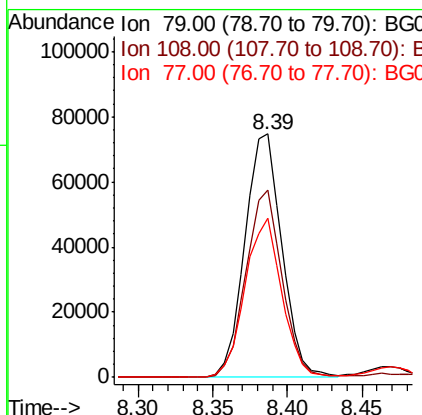
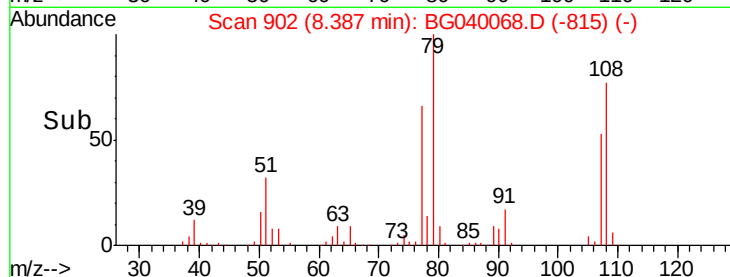
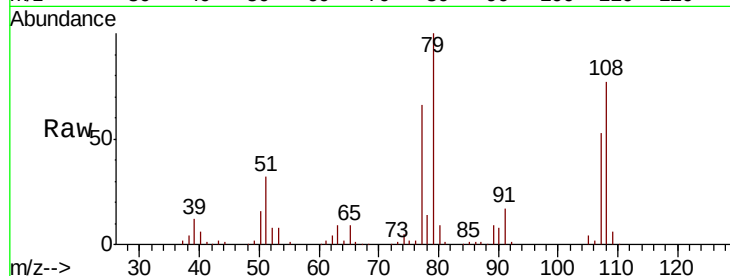
Tgt Ion: 79 Resp: 127928

Ion Ratio Lower Upper

79 100

108 77.2 57.8 86.6

77 65.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.627 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

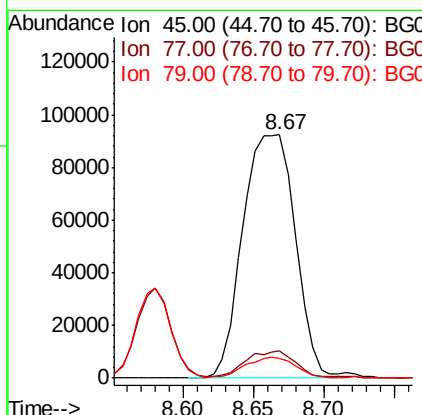
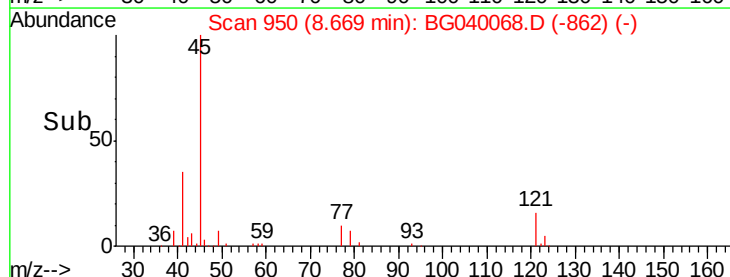
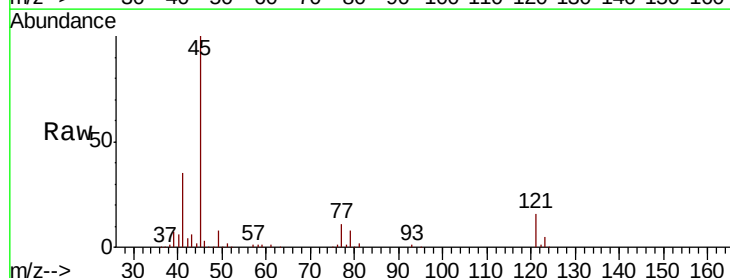
Tgt Ion: 45 Resp: 240489

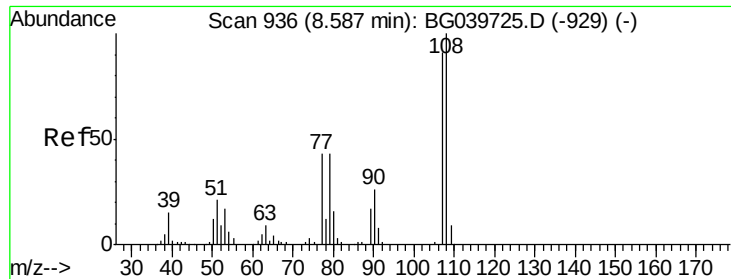
Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.0

79 8.2 0.0 27.5

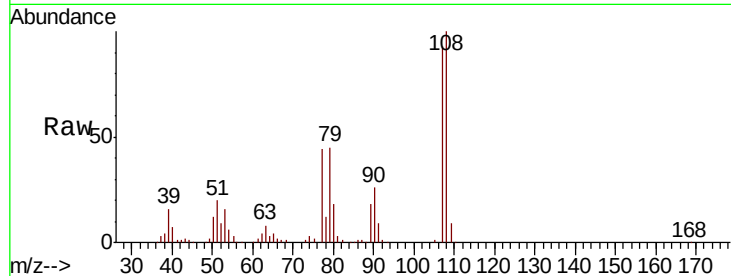




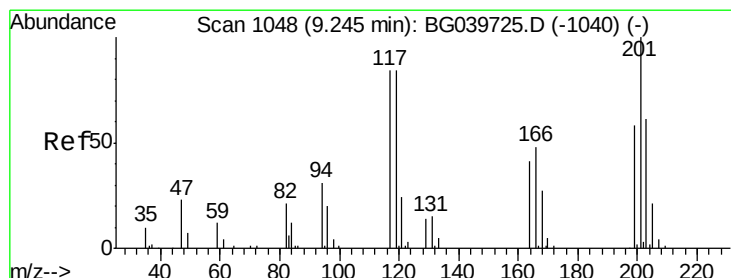
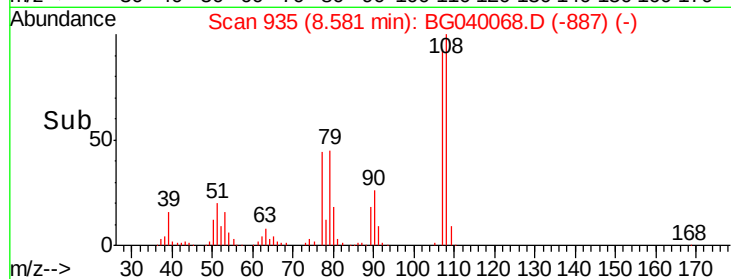
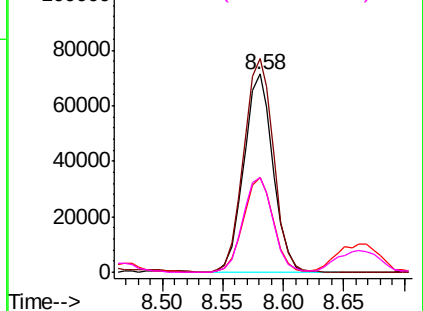
#17
2-Methylphenol
Concen: 47.276 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tgt Ion:	107	Resp:	120359
Ion	Ratio	Lower	Upper
107	100		
108	107.8	90.8	136.2
77	47.9	40.7	61.1
79	48.1	40.6	60.8

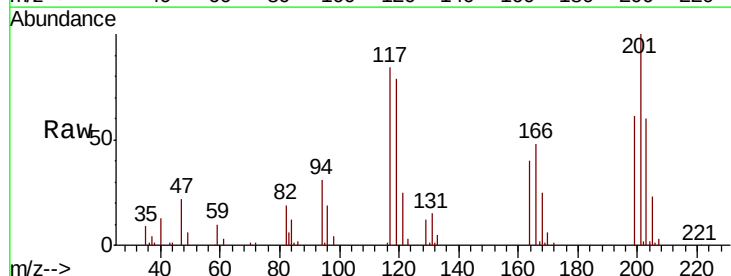


Abundance Ion 107.00 (106.70 to 107.70): E
120000 Ion 108.00 (107.70 to 108.70): E
100000 Ion 77.00 (76.70 to 77.70): BGO
Ion 79.00 (78.70 to 79.70): BGO

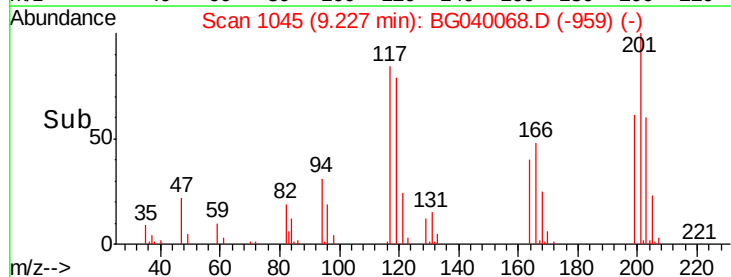
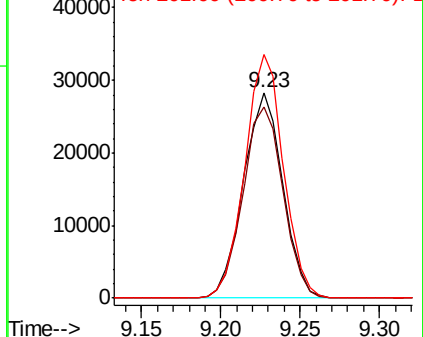


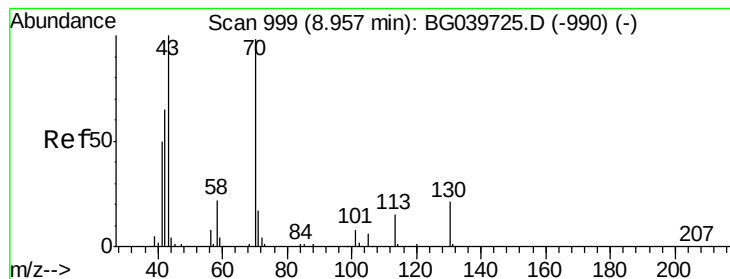
#18
Hexachloroethane
Concen: 39.322 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion:	117	Resp:	48742
Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.3	114.5
201	118.4	91.1	136.7



Abundance Ion 117.00 (116.70 to 117.70): E
40000 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: 40.326 ng

RT: 8.94 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

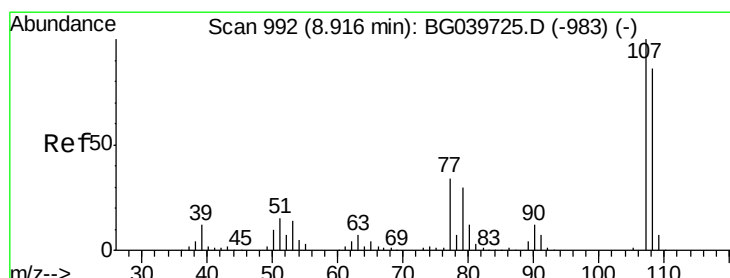
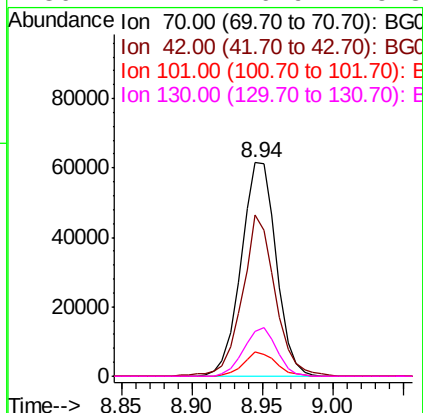
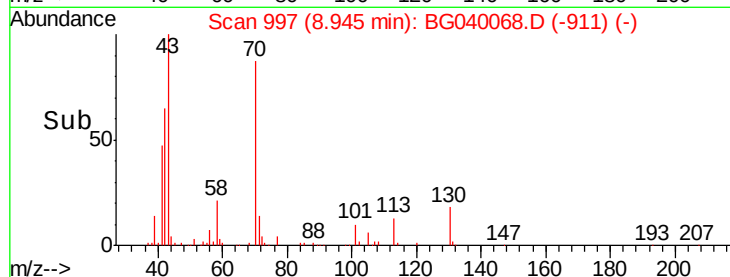
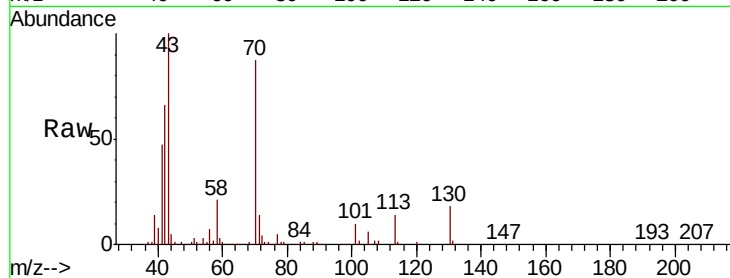
ClientSampleId :

PB118155BS

Tgt Ion: 70 Resp: 106976

Ion Ratio Lower Upper

70	100		
42	75.3	60.4	90.6
101	11.5	7.5	11.3#
130	21.1	16.9	25.3



#20

3+4-Methylphenols

Concen: 46.547 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

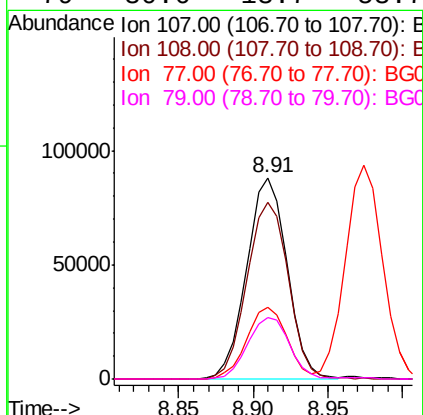
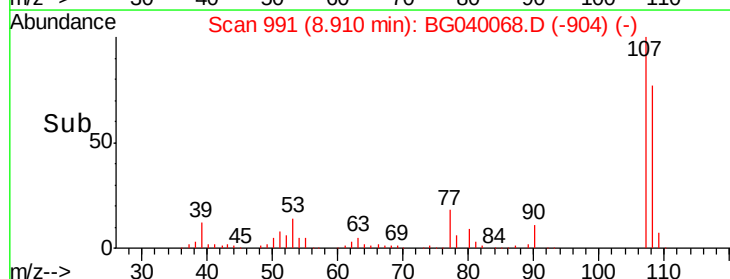
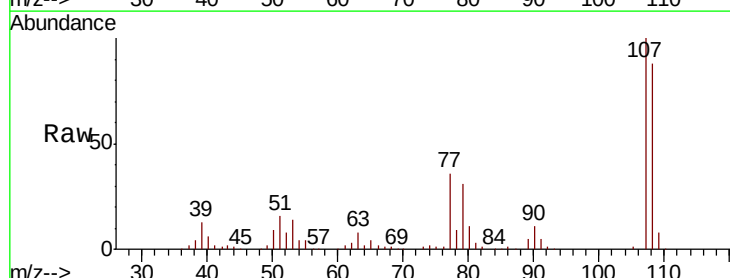
Lab File: BG040068.D

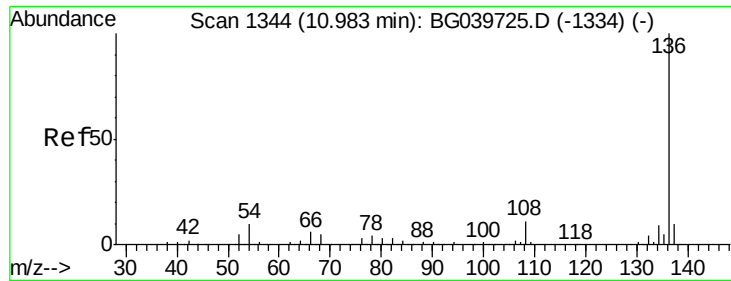
Acq: 21 Mar 2019 16:31

Tgt Ion: 107 Resp: 164629

Ion Ratio Lower Upper

107	100		
108	87.7	67.9	107.9
77	35.9	15.4	55.4
79	30.6	13.7	53.7

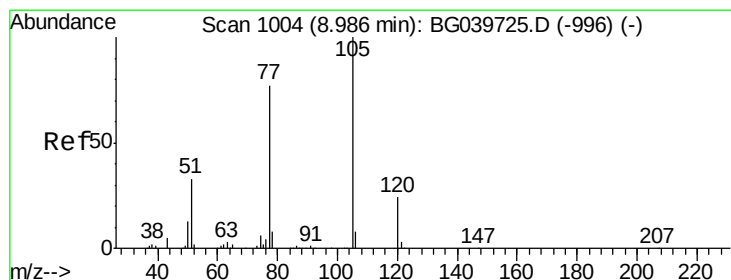
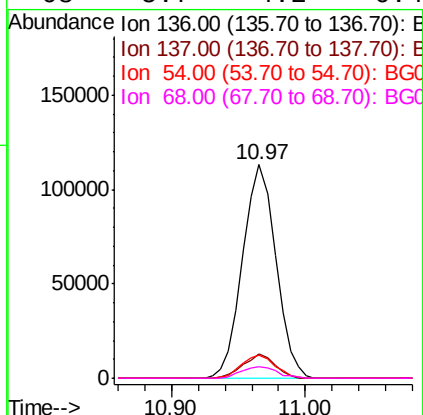
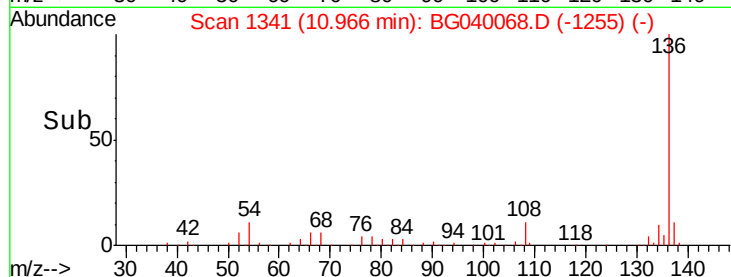
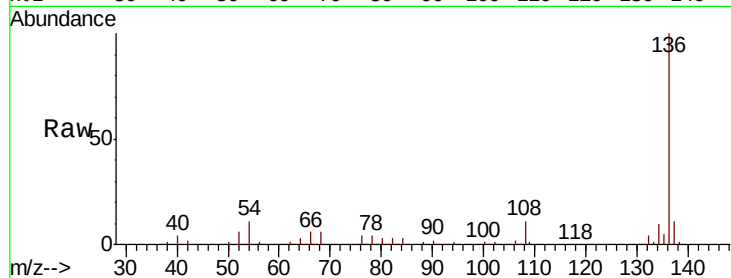




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

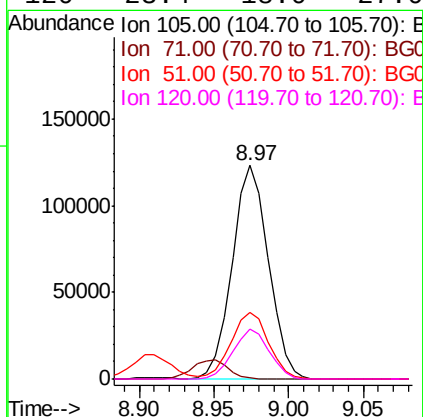
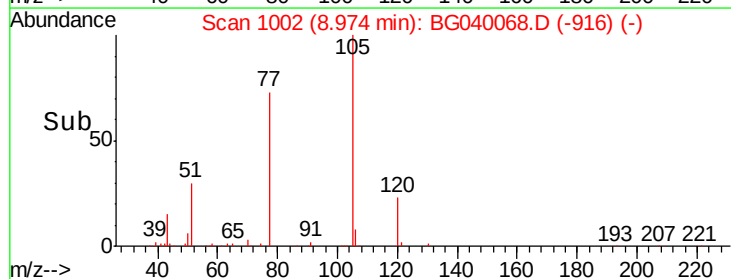
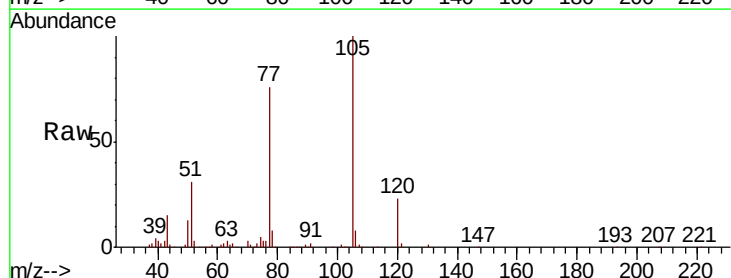
Instrument :
BNA_G
ClientSampleId :
PB118155BS

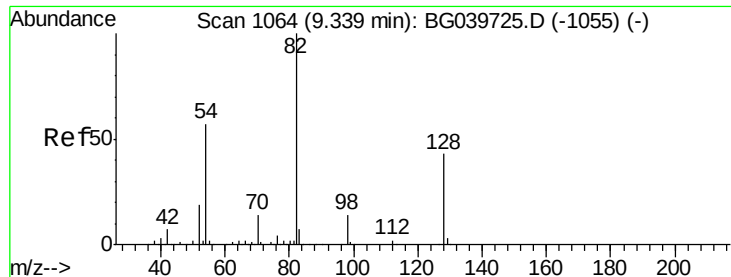
Tgt Ion:	136	Resp:	195118
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.7	9.4	14.2
68	5.7	4.2	6.4



#22
Acetophenone
Concen: 39.764 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion:	105	Resp:	208240
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.8	1.2#
51	31.2	30.2	45.2
120	23.4	18.0	27.0





#23

Nitrobenzene-d5

Concen: 94.108 ng

RT: 9.33 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

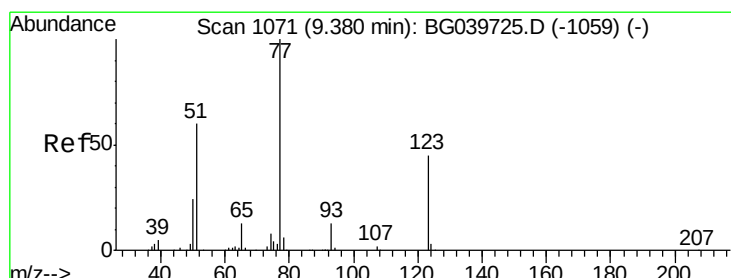
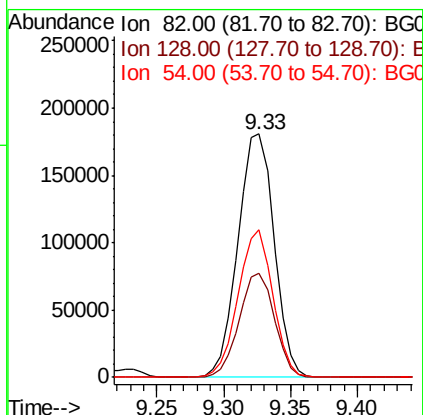
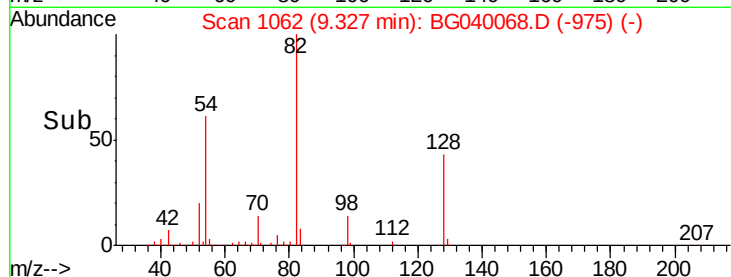
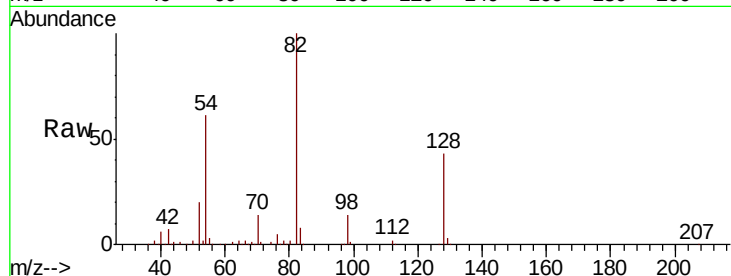
Tgt Ion: 82 Resp: 339511

Ion Ratio Lower Upper

82 100

128 42.9 31.3 46.9

54 60.7 50.9 76.3



#24

Nitrobenzene

Concen: 42.336 ng

RT: 9.37 min Scan# 1069

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

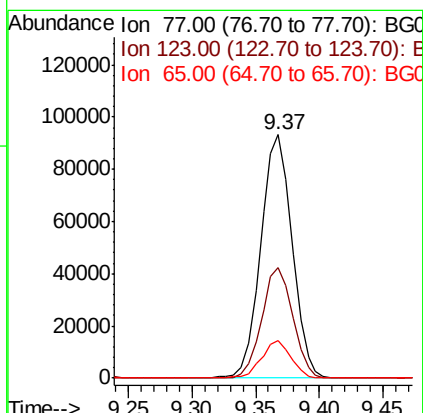
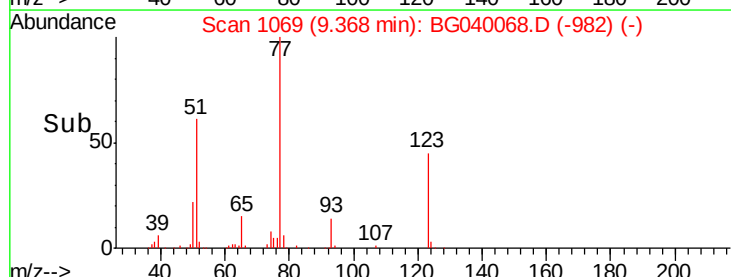
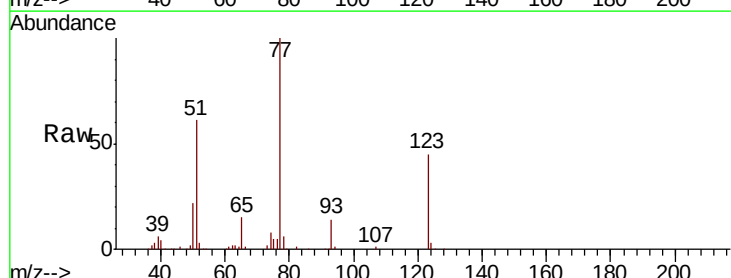
Tgt Ion: 77 Resp: 160228

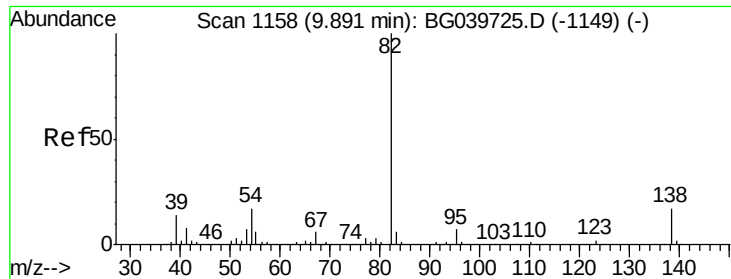
Ion Ratio Lower Upper

77 100

123 45.2 34.1 51.1

65 15.5 12.3 18.5





#25

Isophorone

Concen: 41.485 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

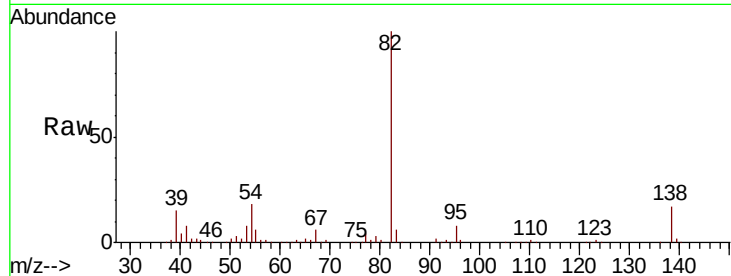
Tgt Ion: 82 Resp: 313598

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

138 17.5 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG039725.D (-1149) (-)

Ion 95.00 (94.70 to 95.70): BG039725.D (-1149) (-)

Ion 138.00 (137.70 to 138.70): BG039725.D (-1149) (-)

250000

200000

150000

100000

50000

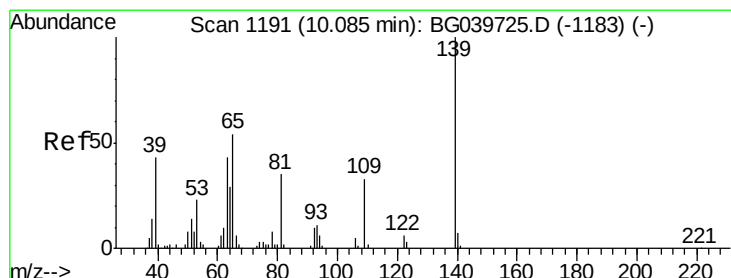
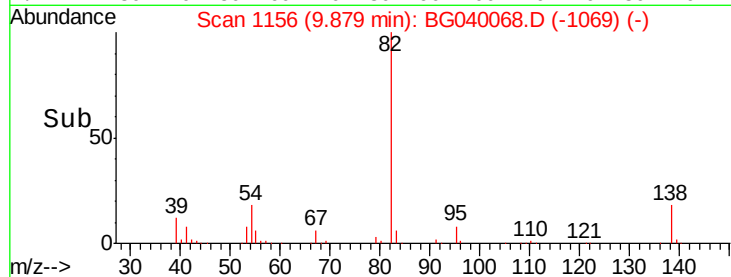
0

9.80

9.88

9.90

Time-->



#26

2-Nitrophenol

Concen: 44.656 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

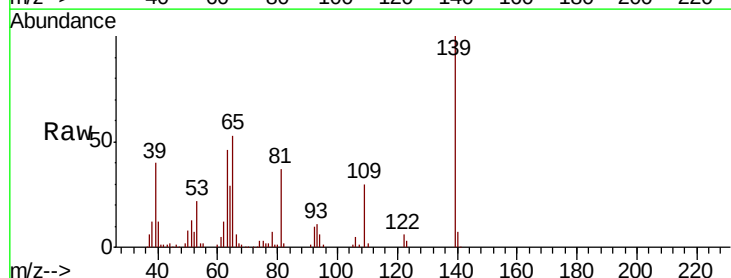
Tgt Ion: 139 Resp: 81601

Ion Ratio Lower Upper

139 100

109 30.2 23.4 35.0

65 53.4 44.3 66.5



Abundance Ion 139.00 (138.70 to 139.70): BG039725.D (-1183) (-)

Ion 109.00 (108.70 to 109.70): BG039725.D (-1183) (-)

Ion 65.00 (64.70 to 65.70): BG039725.D (-1183) (-)

60000

50000

40000

30000

20000

10000

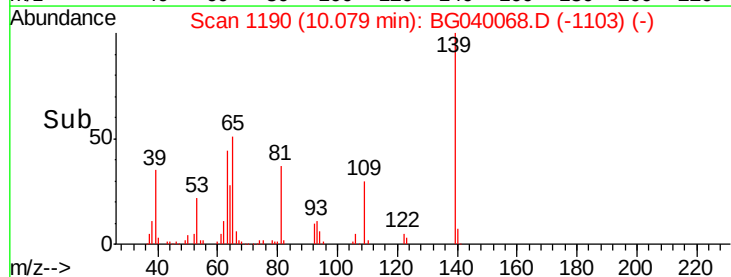
0

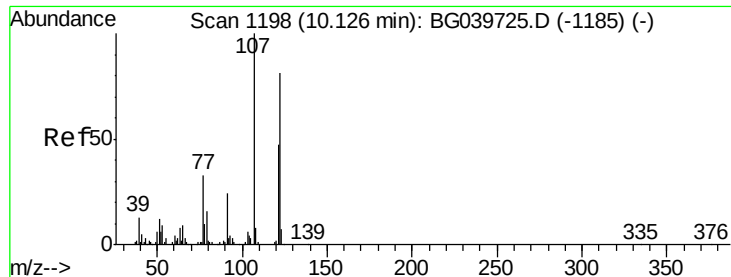
10.00

10.08

10.15

Time-->

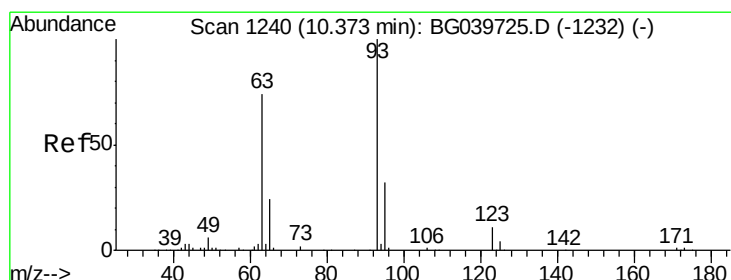
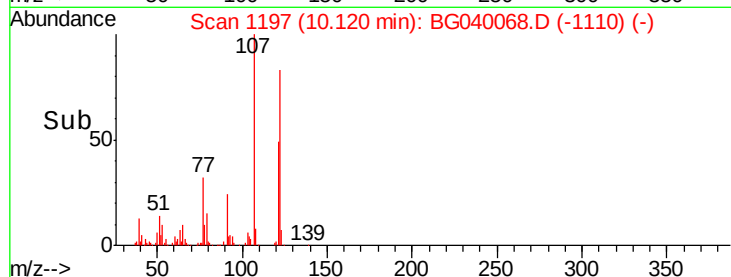
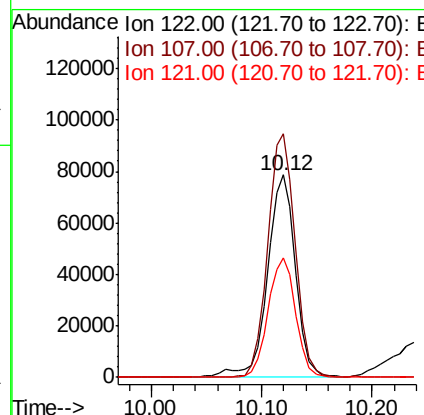
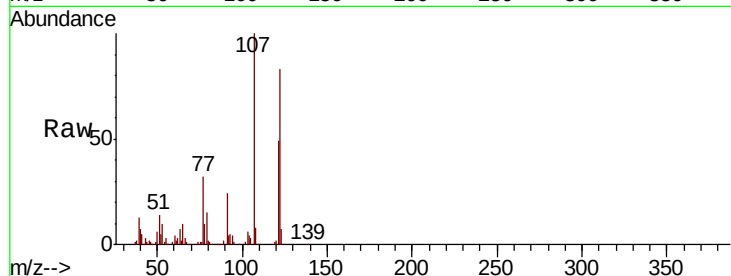




#27
2,4-Dimethylphenol
Concen: 48.985 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

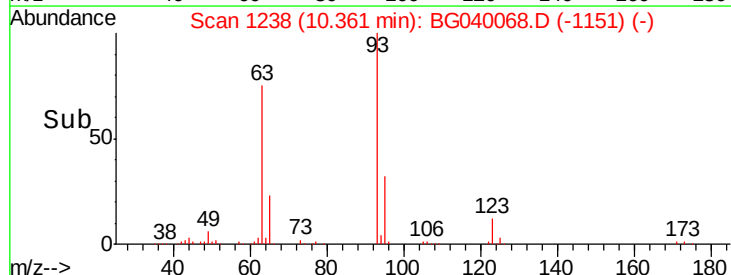
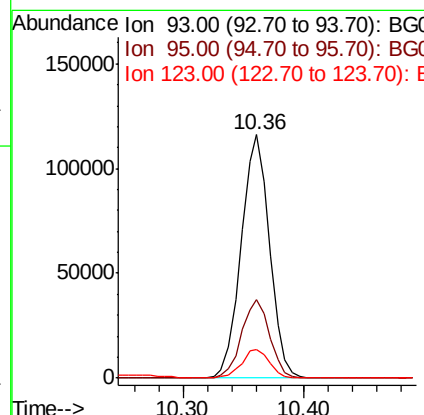
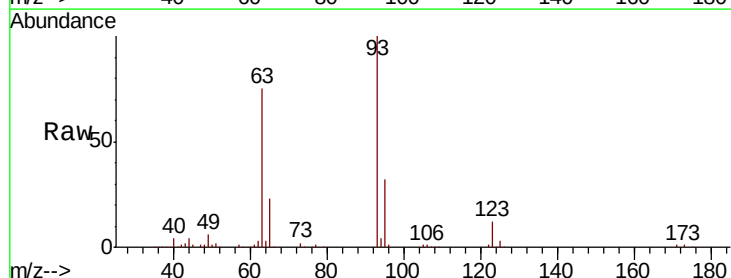
Instrument :
BNA_G
ClientSampleId :
PB118155BS

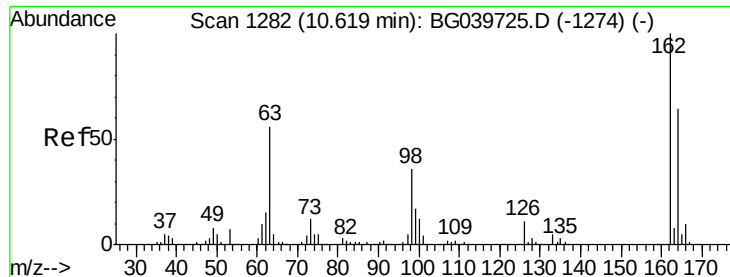
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.5	91.7	137.5
121	59.2	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.427 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.0	37.4
123	12.0	8.6	12.8

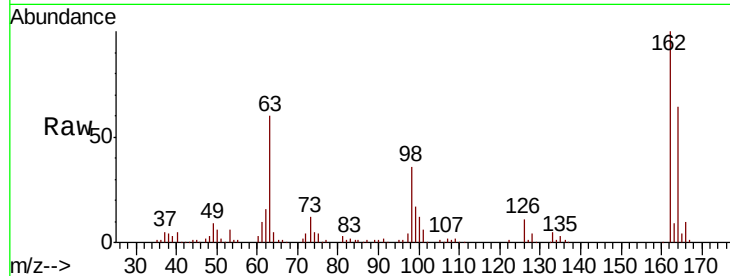




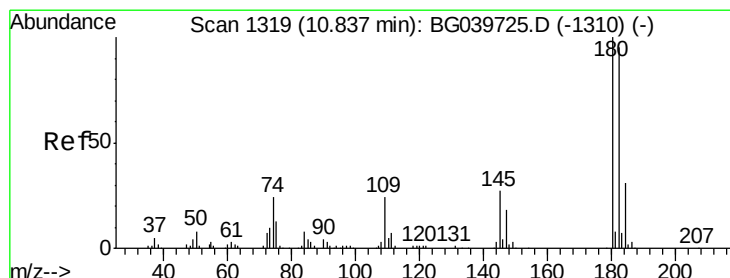
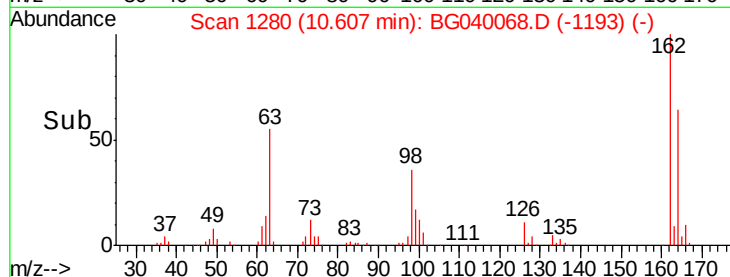
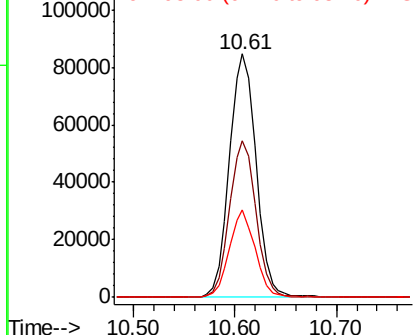
#29
2,4-Dichlorophenol
Concen: 48.399 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	48.1	88.1
98	35.9	18.1	58.1

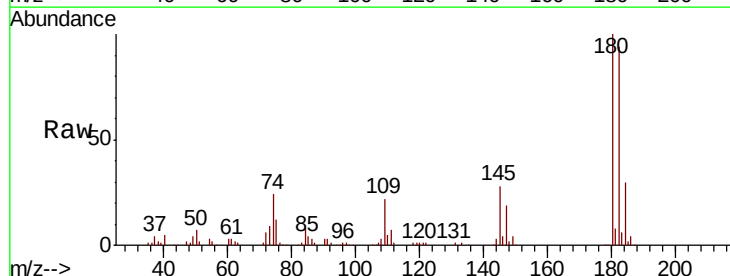


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

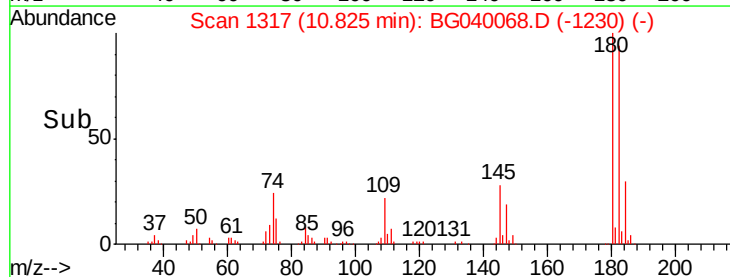
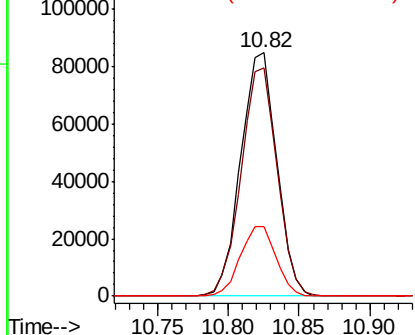


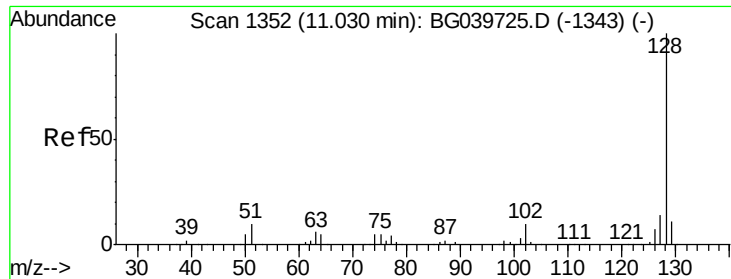
#30
1,2,4-Trichlorobenzene
Concen: 41.744 ng
RT: 10.82 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.0	114.0
145	28.4	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

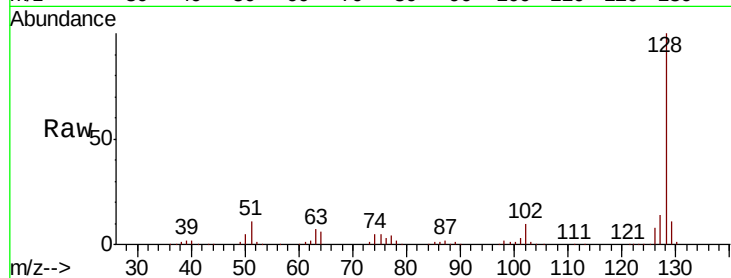




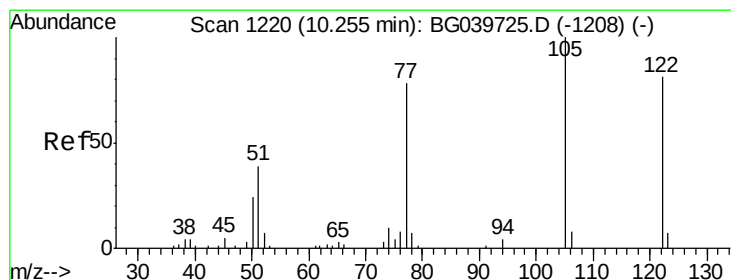
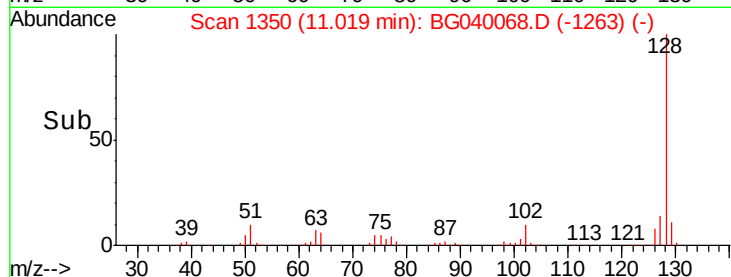
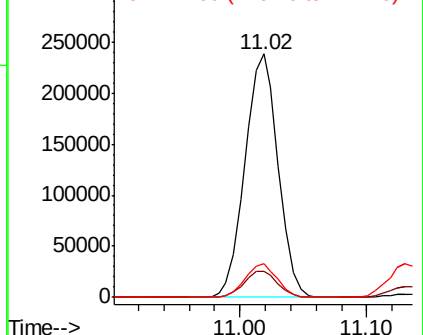
#31
Naphthalene
Concen: 41.583 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tgt Ion:128 Resp: 429583
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.6 10.8 16.2

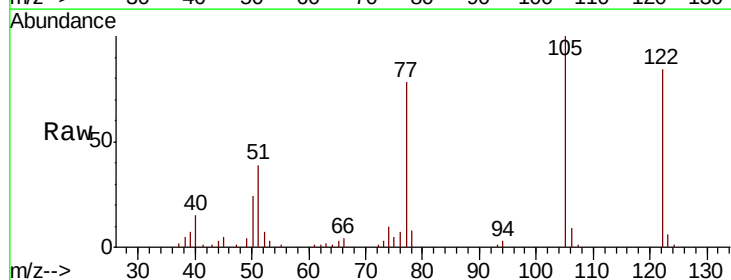


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

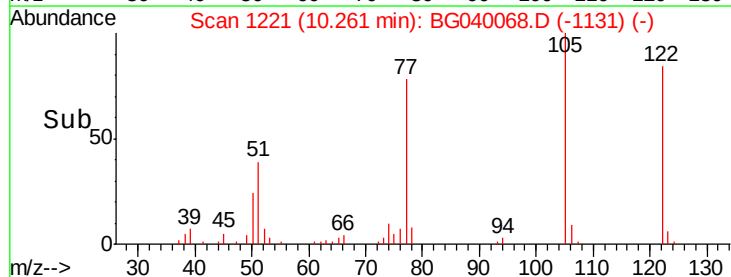
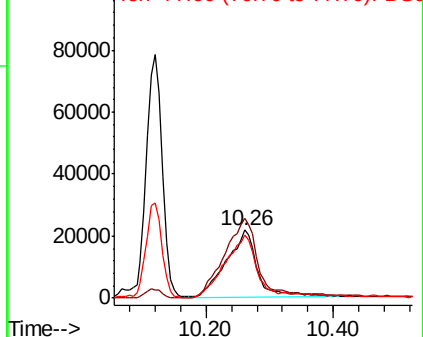


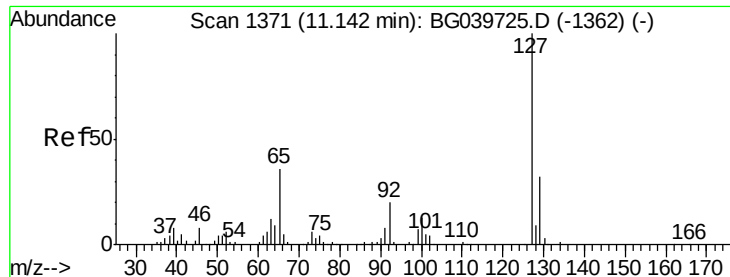
#32
Benzoic acid
Concen: 39.159 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion:122 Resp: 73663
Ion Ratio Lower Upper
122 100
105 118.8 101.8 141.8
77 92.4 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): BG

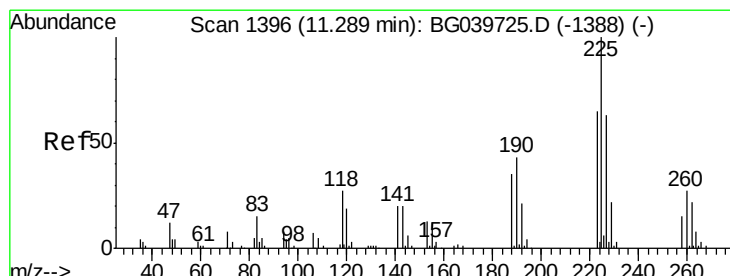
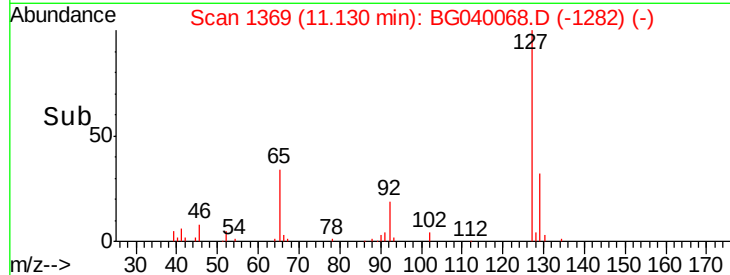
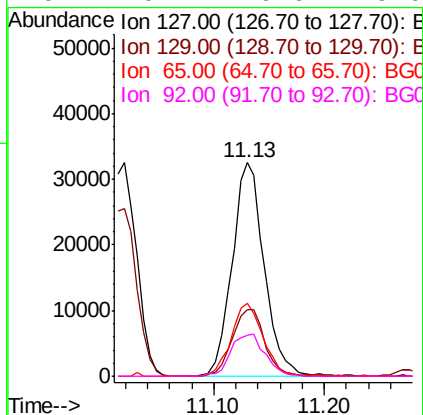
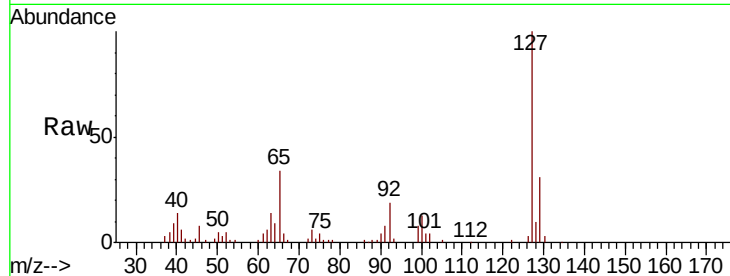




#33
4-Chloroaniline
Concen: 15.107 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

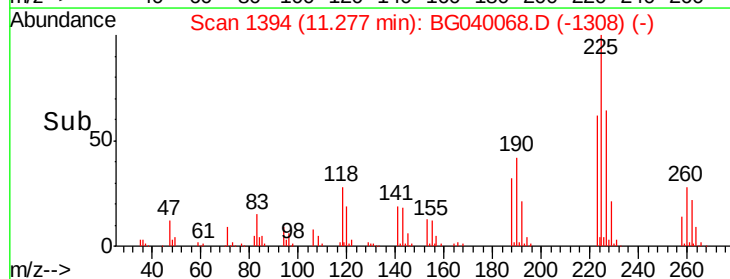
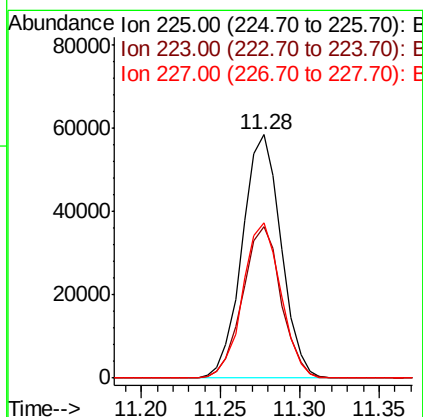
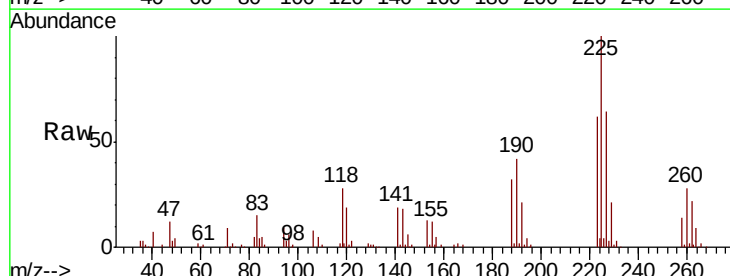
Instrument :
BNA_G
ClientSampleId :
PB118155BS

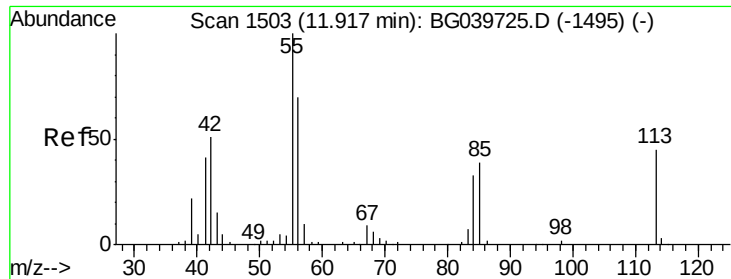
Tgt Ion:	127	Resp:	66177
Ion	Ratio	Lower	Upper
127	100		
129	31.3	27.0	40.4
65	34.3	28.8	43.2
92	19.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.332 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion:	225	Resp:	99234
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.0	73.6
227	64.0	46.3	69.5

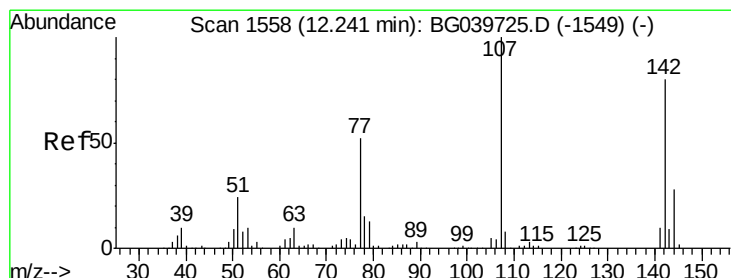
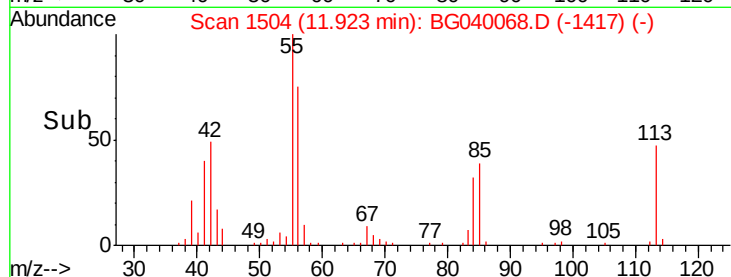
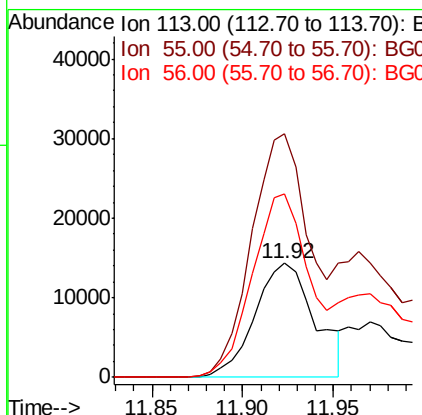
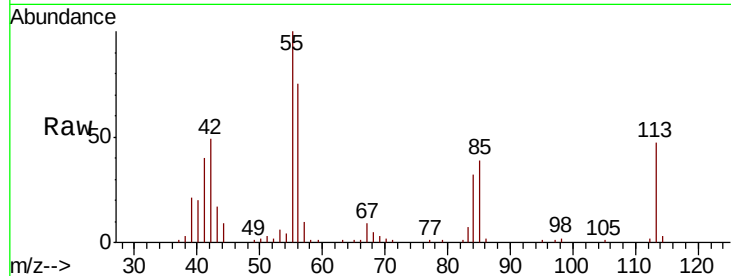




#35
 Caprolactam
 Concen: 27.069 ng
 RT: 11.92 min Scan# 1504
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

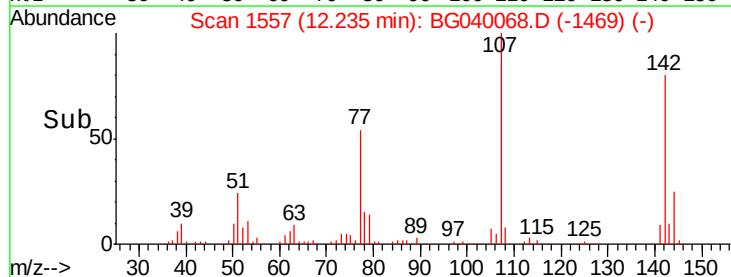
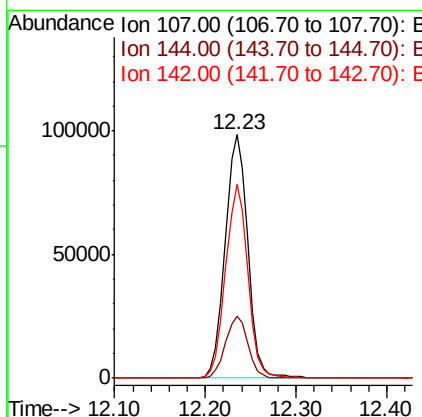
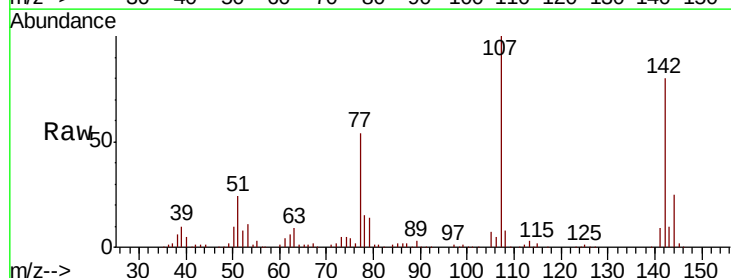
Instrument :
 BNA_G
 ClientSampleId :
 PB118155BS

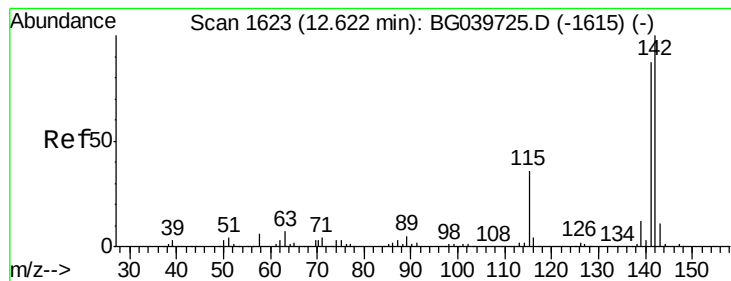
Tgt Ion:113 Resp: 33087
 Ion Ratio Lower Upper
 113 100
 55 213.4 216.9 256.9#
 56 160.4 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.556 ng
 RT: 12.23 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Tgt Ion:107 Resp: 170766
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.2 30.2
 142 79.5 61.4 92.2





#37

2-Methylnaphthalene

Concen: 43.456 ng

RT: 12.61 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

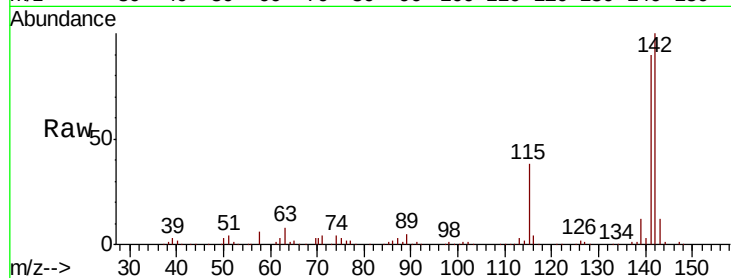
Tgt Ion:142 Resp: 335630

Ion Ratio Lower Upper

142 100

141 89.7 73.5 110.3

115 38.2 30.8 46.2

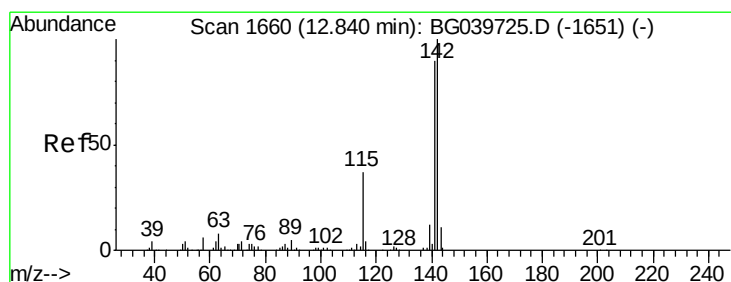
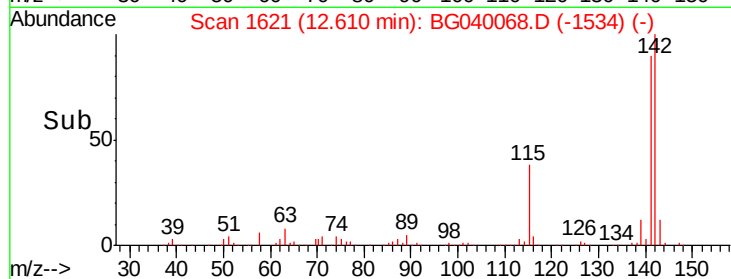
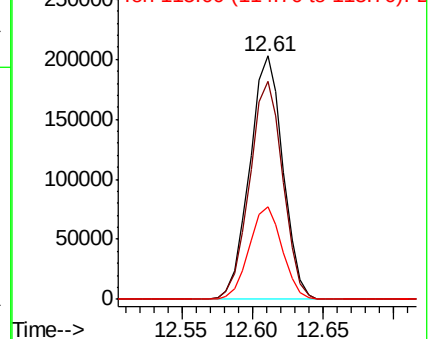


Abundance

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: 42.838 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

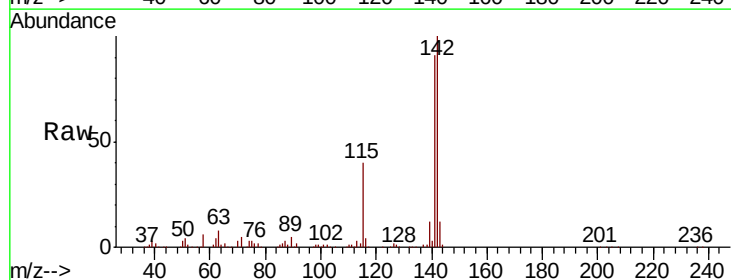
Tgt Ion:142 Resp: 321531

Ion Ratio Lower Upper

142 100

141 91.0 74.2 111.4

116 4.4 3.0 4.6

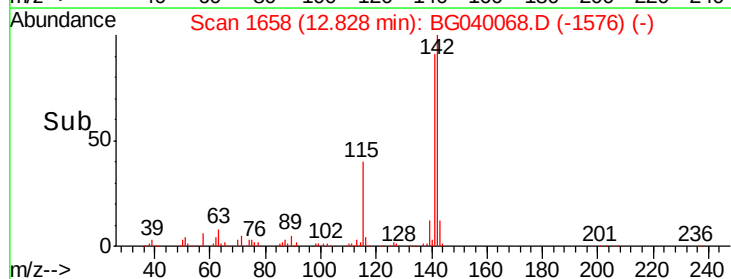
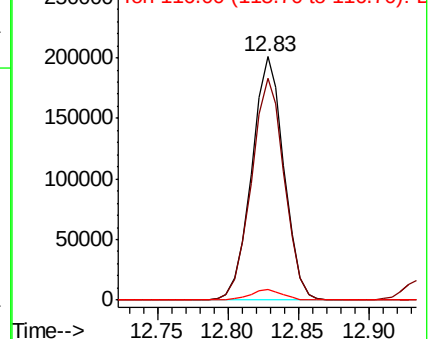


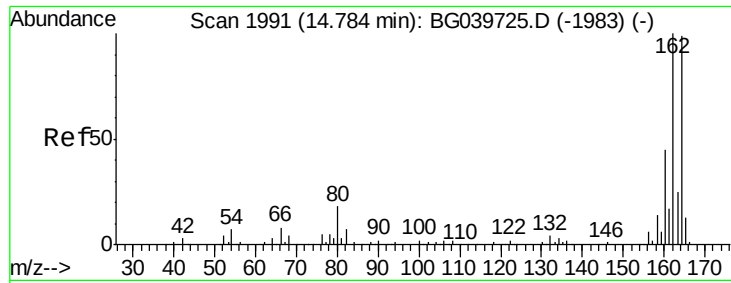
Abundance

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: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

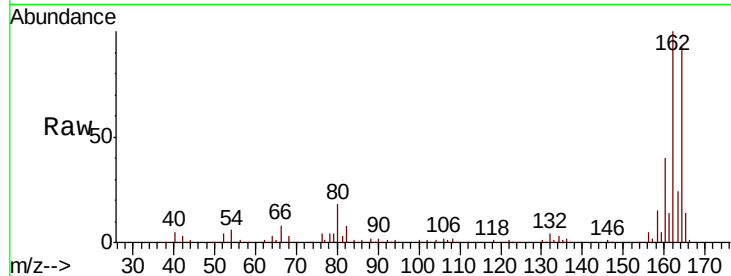
Tgt Ion:164 Resp: 139012

Ion Ratio Lower Upper

164 100

162 107.2 81.6 122.4

160 43.4 34.2 51.2

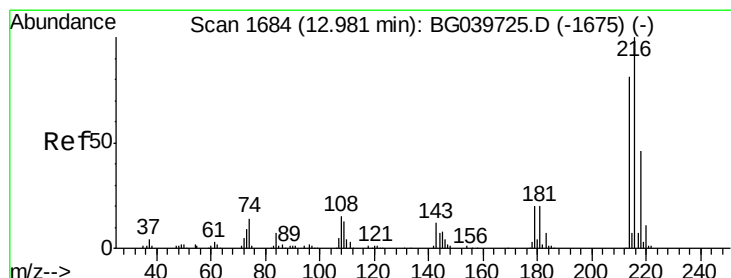
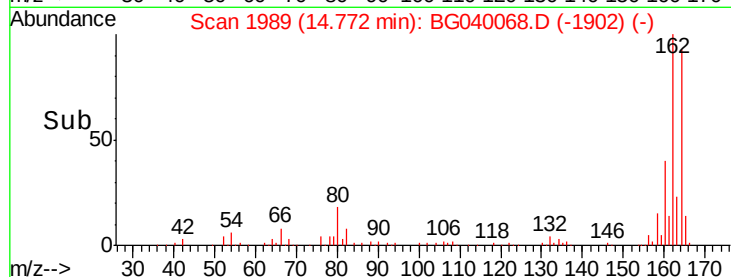
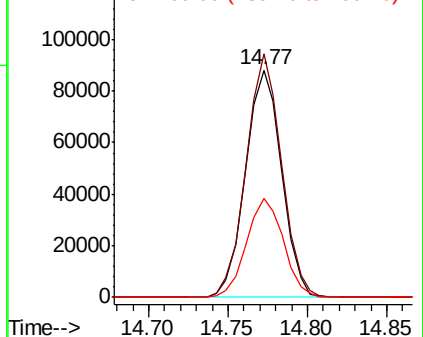


Abundance

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: 40.043 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Tgt Ion:216 Resp: 188579

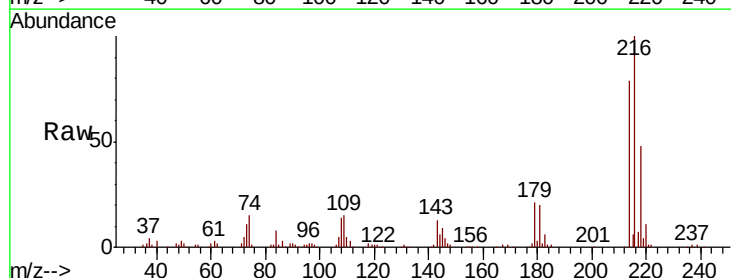
Ion Ratio Lower Upper

216 100

214 78.8 62.6 94.0

179 20.8 16.6 25.0

108 18.2 14.0 21.0



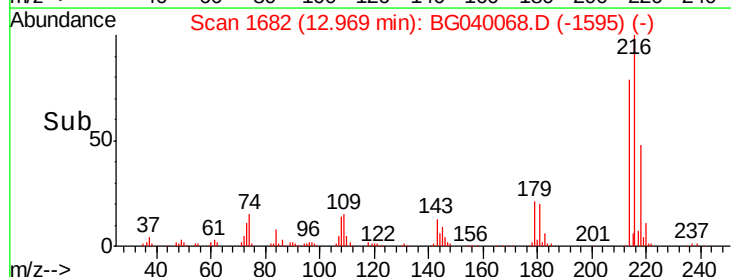
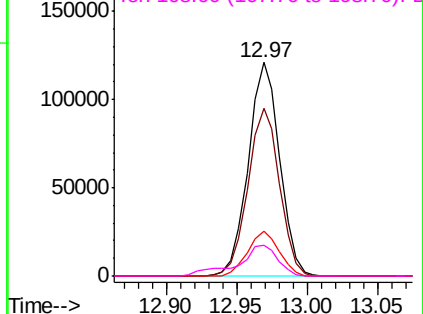
Abundance

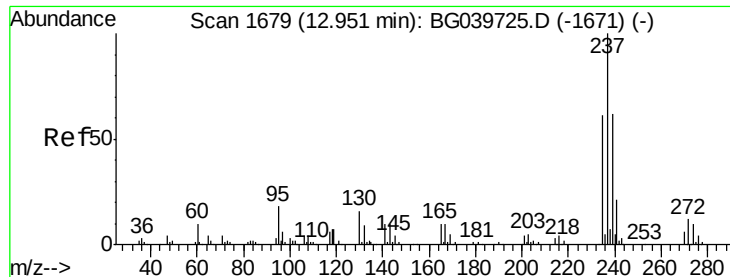
Ion 216.00 (215.70 to 216.70): E

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: 94.161 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

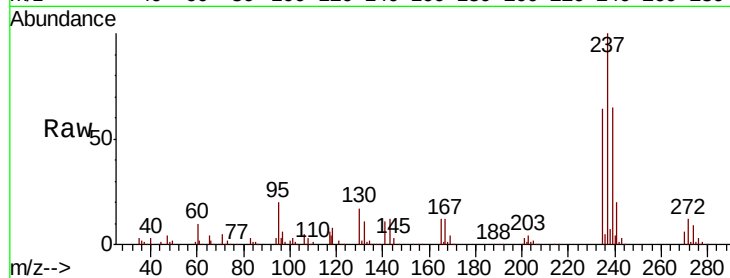
Tgt Ion: 237 Resp: 237642

Ion Ratio Lower Upper

237 100

235 63.7 43.3 83.3

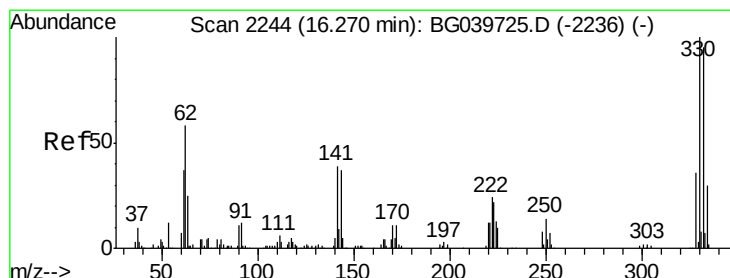
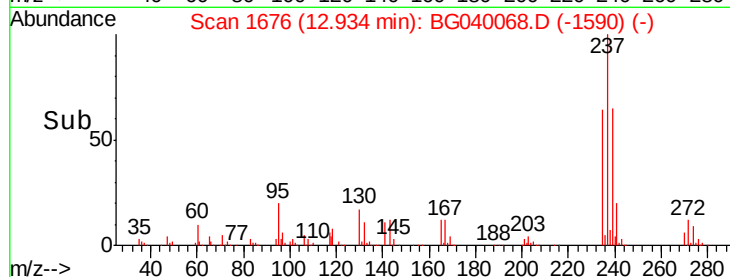
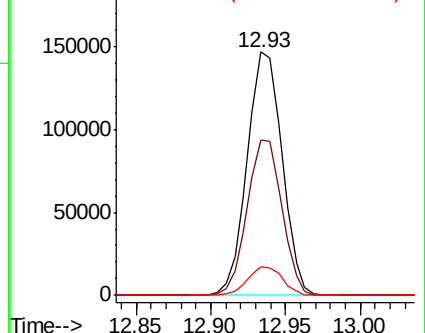
272 11.9 0.0 32.3



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: 143.810 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

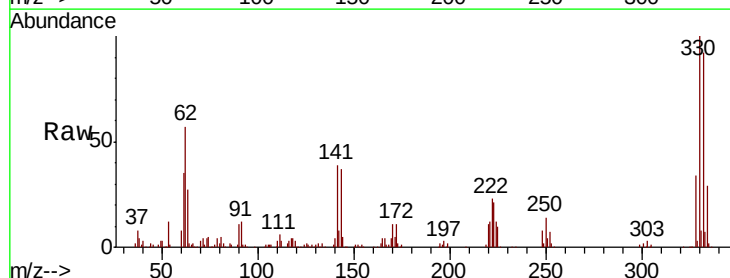
Tgt Ion: 330 Resp: 233014

Ion Ratio Lower Upper

330 100

332 93.1 75.7 113.5

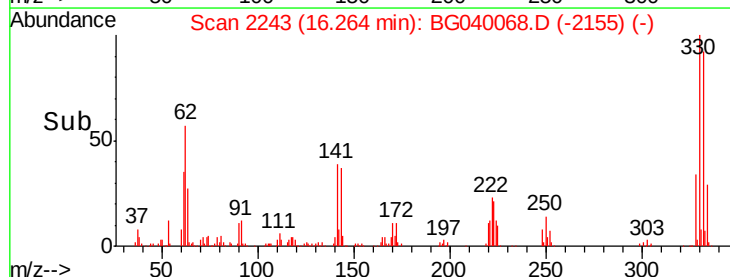
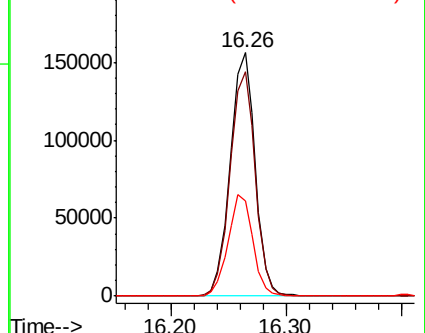
141 41.4 35.6 53.4

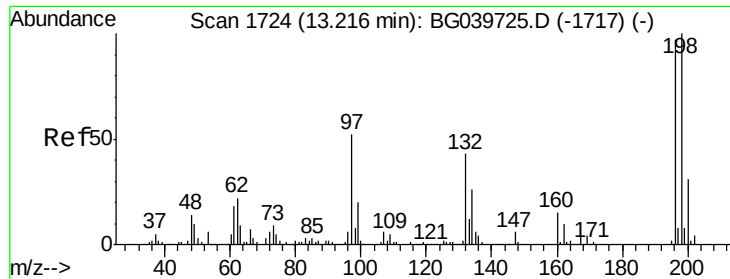


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

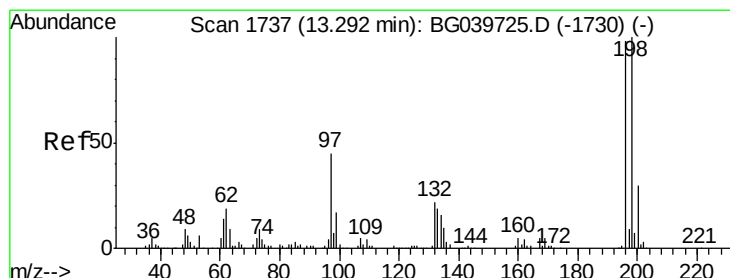
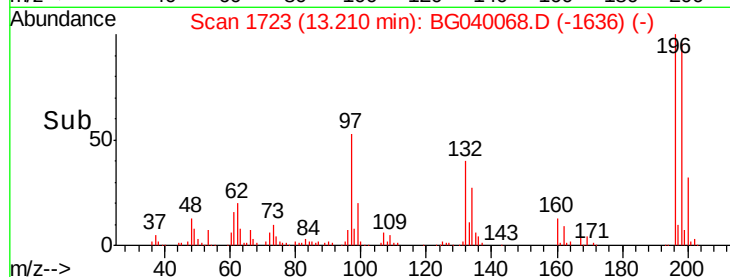
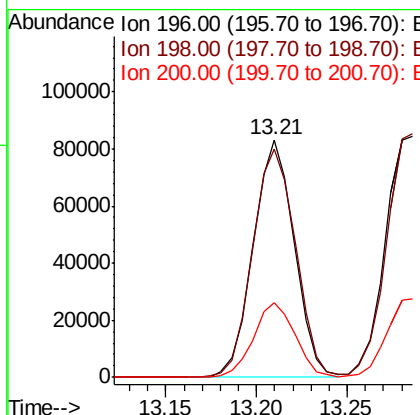
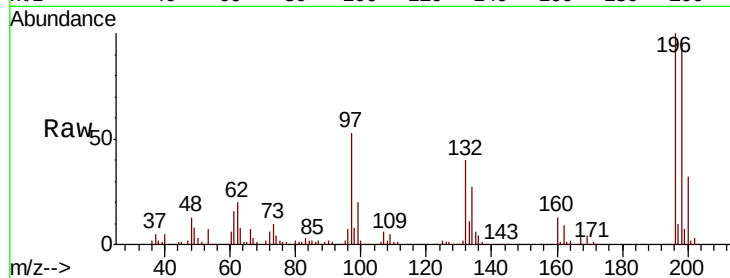




#43
 2,4,6-Trichlorophenol
 Concen: 47.424 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

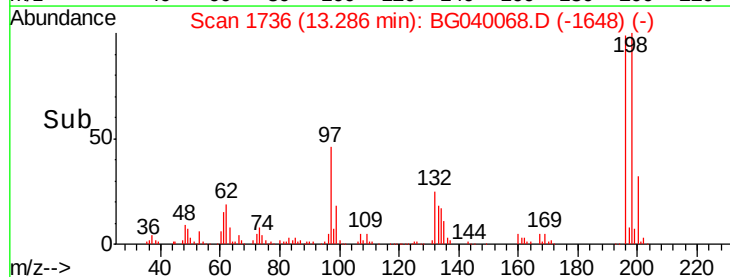
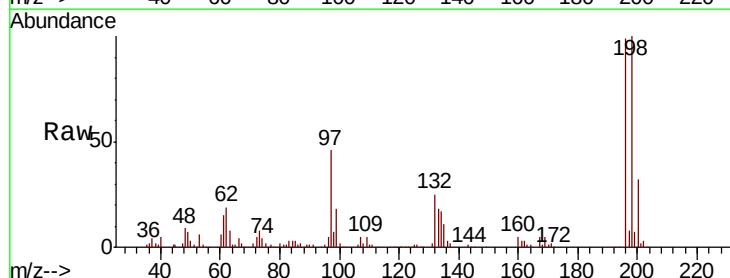
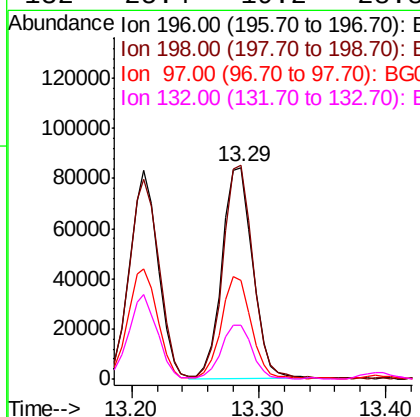
Instrument :
 BNA_G
 ClientSampleId :
 PB118155BS

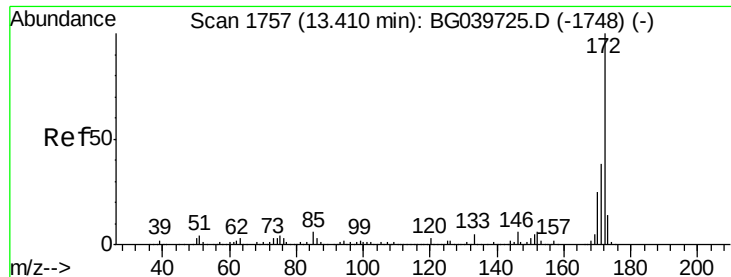
Tgt Ion:196 Resp: 130753
 Ion Ratio Lower Upper
 196 100
 198 96.0 80.6 121.0
 200 31.7 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.499 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Tgt Ion:196 Resp: 141400
 Ion Ratio Lower Upper
 196 100
 198 101.1 78.5 117.7
 97 46.6 38.4 57.6
 132 25.4 19.2 28.8

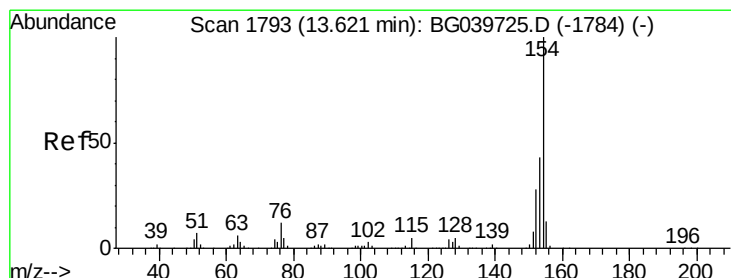
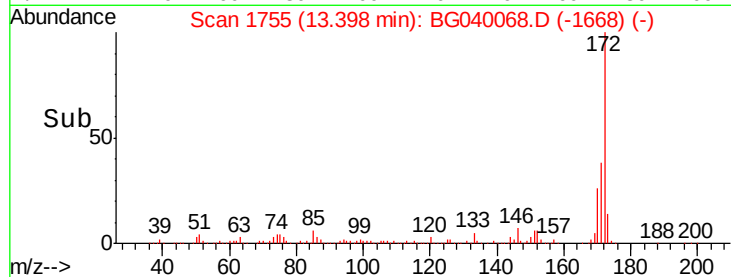
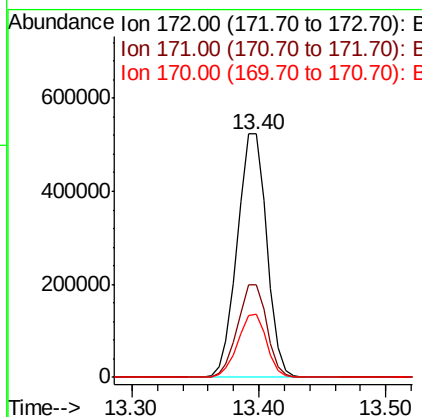
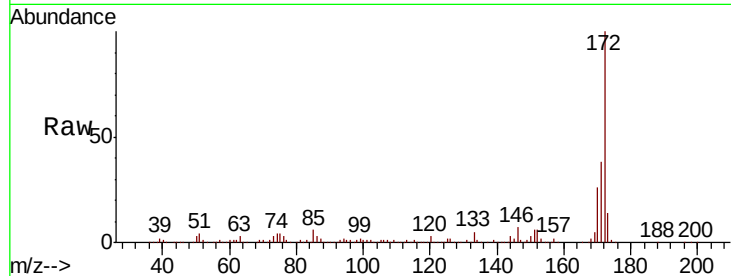




#45
 2-Fluorobiphenyl
 Concen: 86.337 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

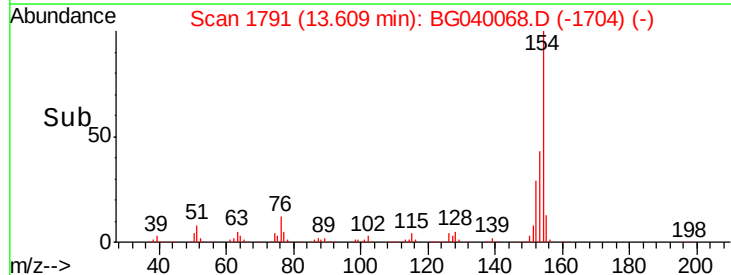
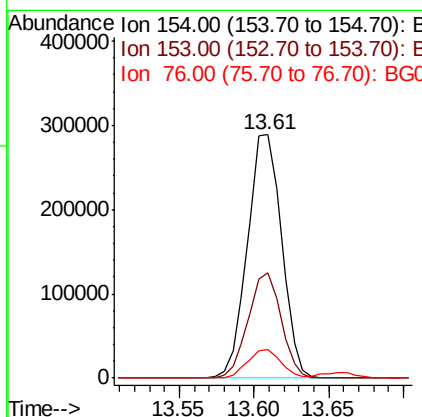
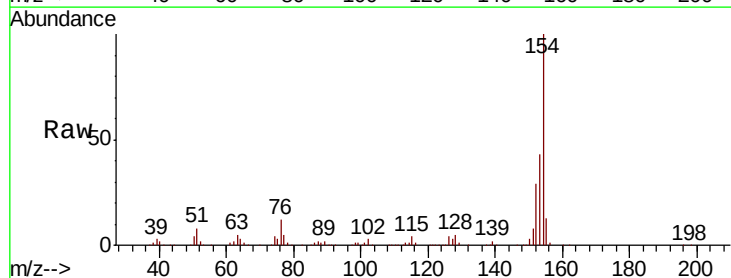
Instrument :
 BNA_G
 ClientSampleId :
 PB118155BS

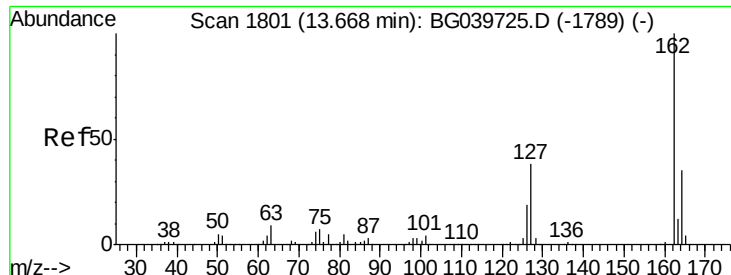
Tgt Ion:172 Resp: 842927
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.8 46.2
 170 25.7 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 39.923 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Tgt Ion:154 Resp: 456458
 Ion Ratio Lower Upper
 154 100
 153 43.4 22.1 62.1
 76 11.9 0.0 32.4

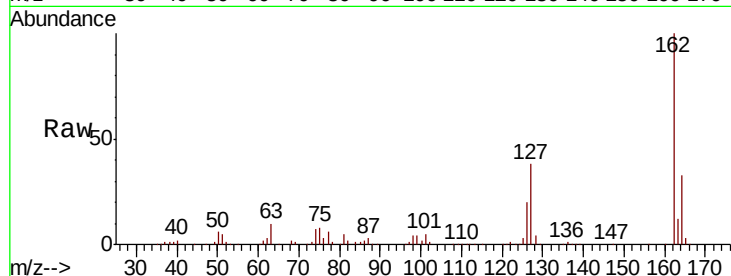




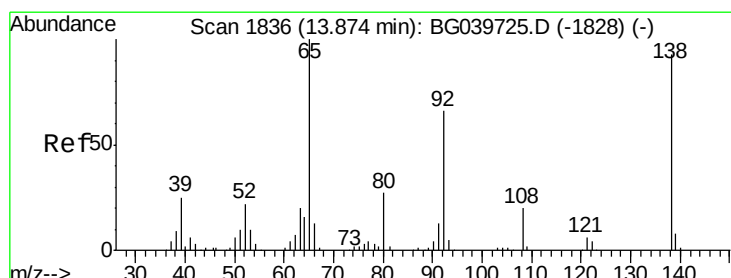
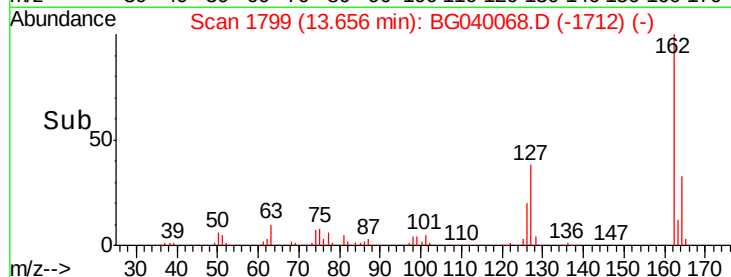
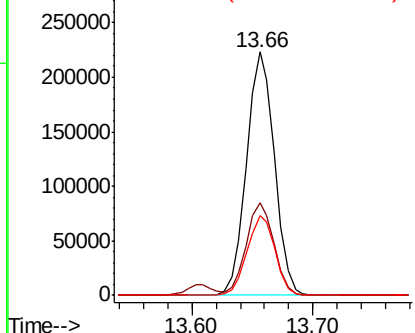
#47
 2-Chloronaphthalene
 Concen: 41.778 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB118155BS

Tgt Ion: 162 Resp: 359344
 Ion Ratio Lower Upper
 162 100
 127 38.2 31.0 46.6
 164 32.6 25.7 38.5

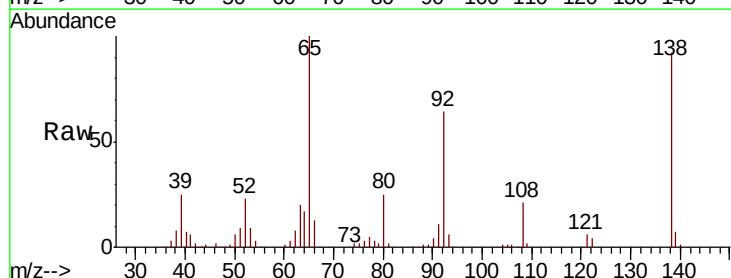


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

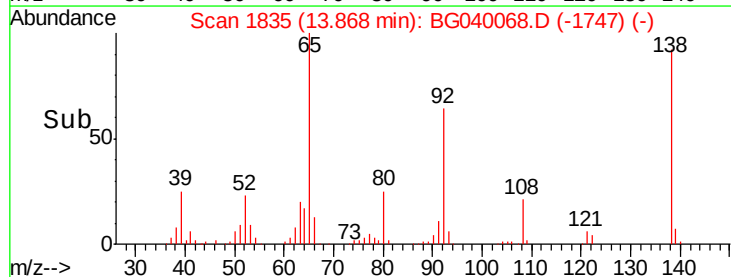
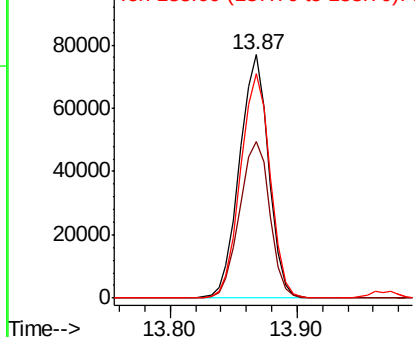


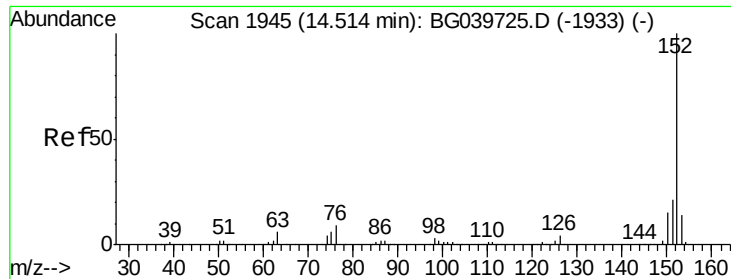
#48
 2-Nitroaniline
 Concen: 44.418 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Tgt Ion: 65 Resp: 122781
 Ion Ratio Lower Upper
 65 100
 92 64.1 51.4 77.2
 138 92.4 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: 41.049 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

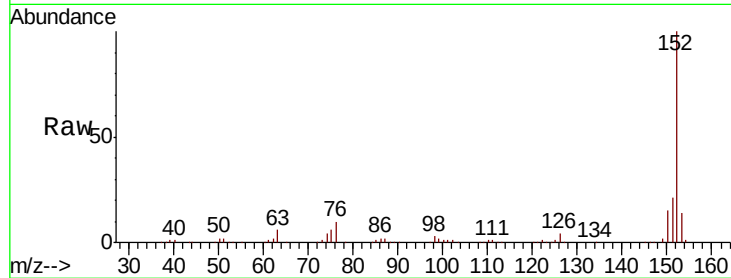
Tgt Ion:152 Resp: 579618

Ion Ratio Lower Upper

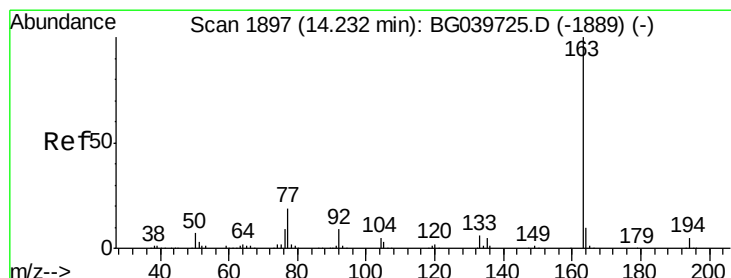
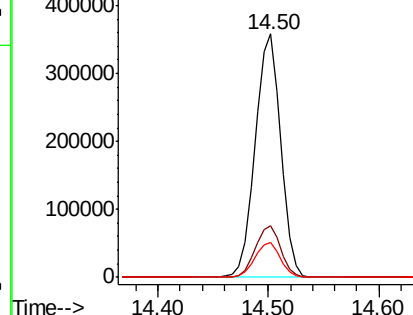
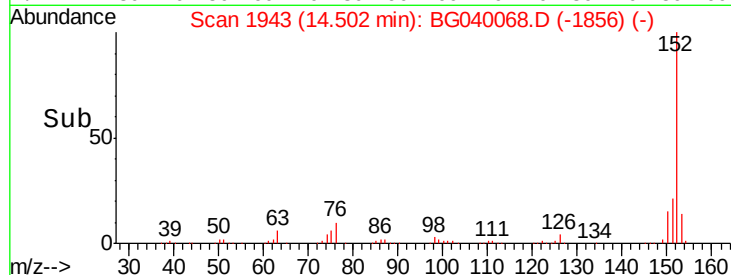
152 100

151 21.0 16.8 25.2

153 14.2 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: 41.144 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

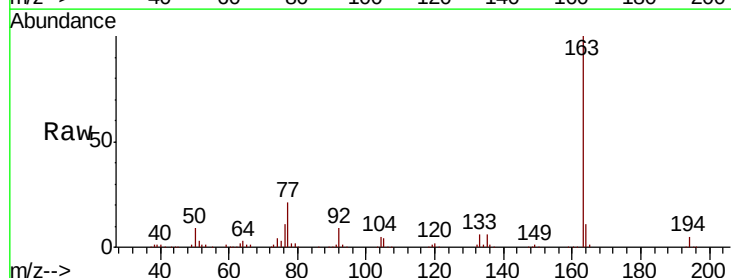
Tgt Ion:163 Resp: 478257

Ion Ratio Lower Upper

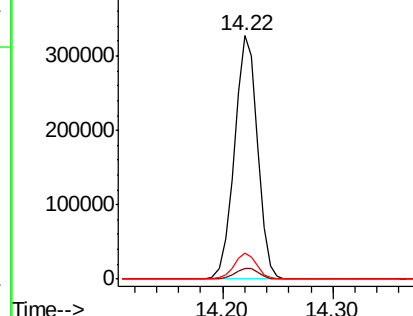
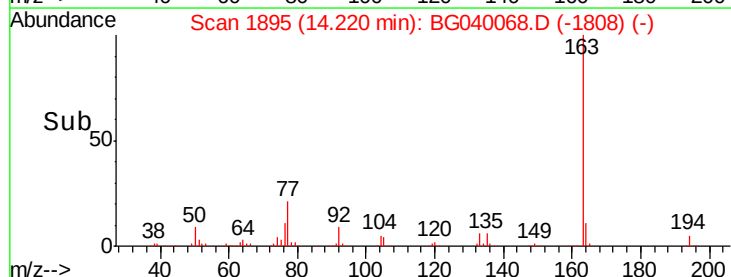
163 100

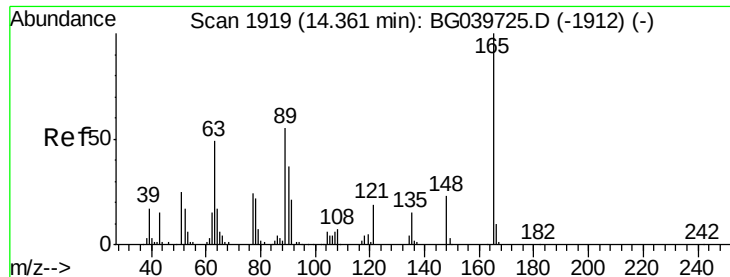
194 4.6 3.6 5.4

164 10.9 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

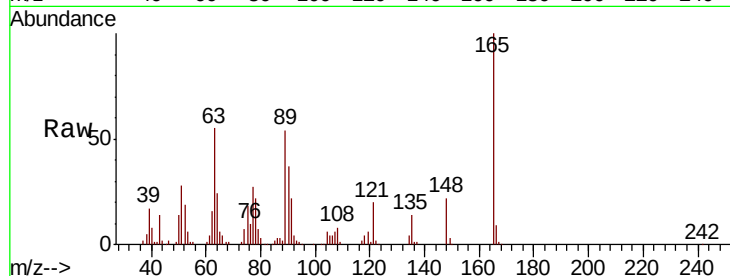




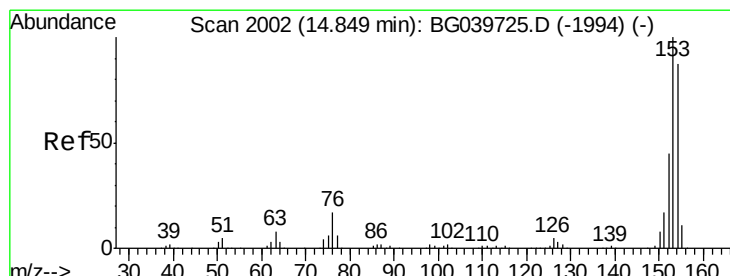
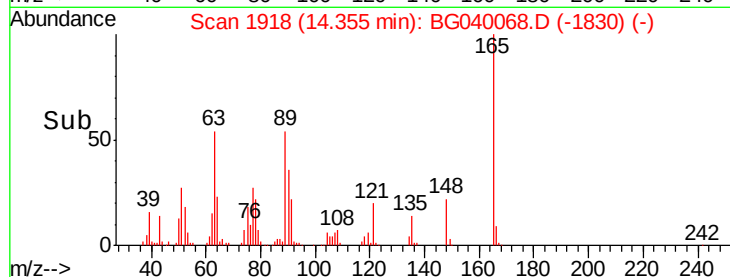
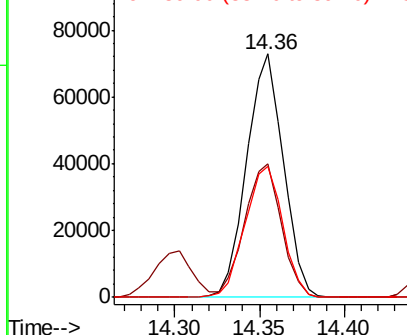
#51
2,6-Dinitrotoluene
Concen: 44.629 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tgt Ion:165 Resp: 109977
Ion Ratio Lower Upper
165 100
63 54.9 47.0 70.6
89 53.8 45.8 68.8

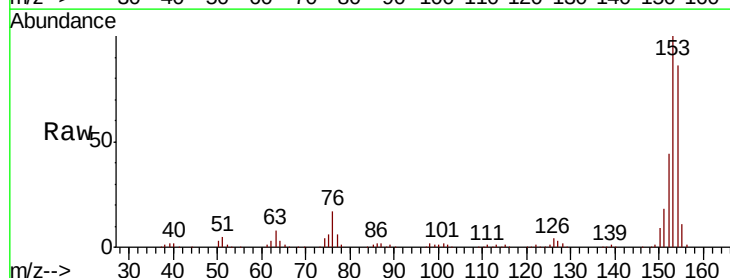


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

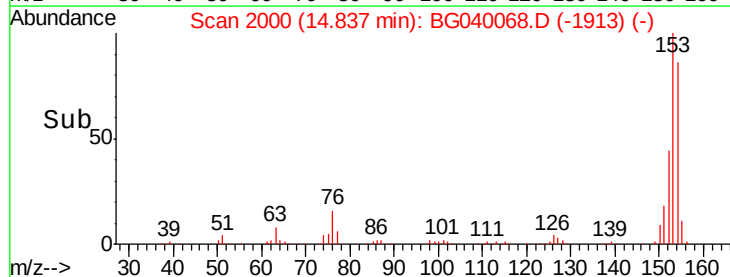
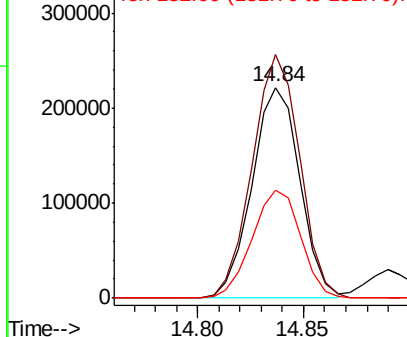


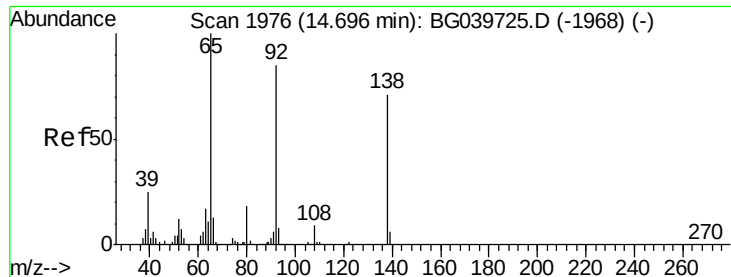
#52
Acenaphthene
Concen: 41.079 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion:154 Resp: 349111
Ion Ratio Lower Upper
154 100
153 115.8 90.1 135.1
152 51.1 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 21.720 ng

RT: 14.68 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

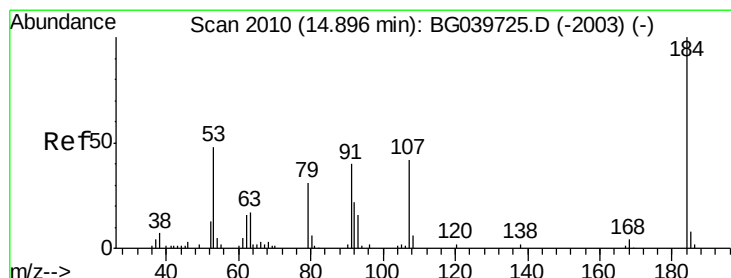
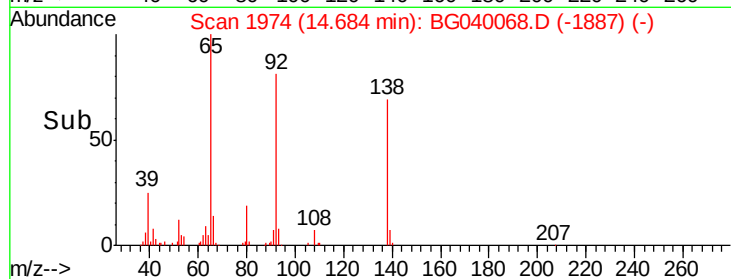
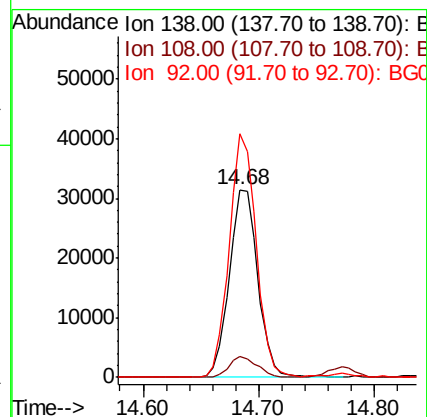
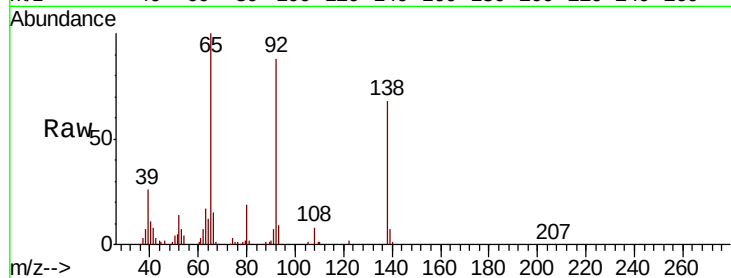
Tgt Ion:138 Resp: 53803

Ion Ratio Lower Upper

138 100

108 11.4 13.8 20.8#

92 129.7 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 50.697 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

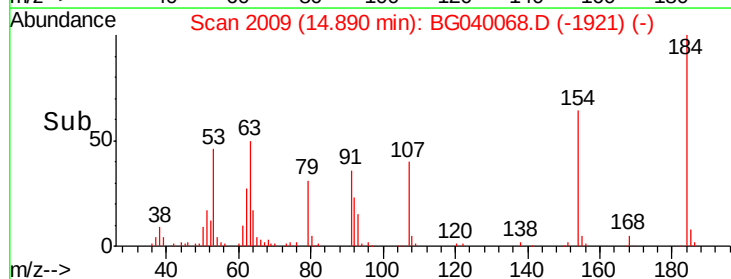
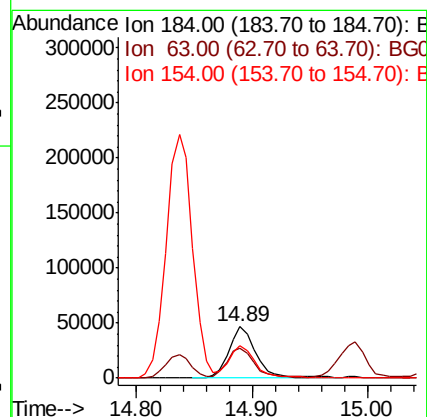
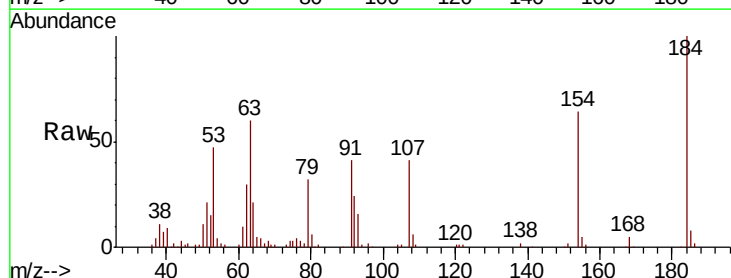
Tgt Ion:184 Resp: 75583

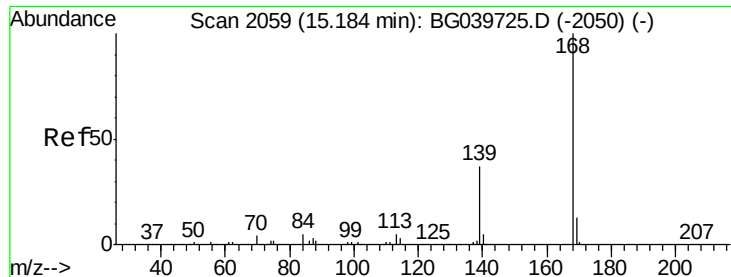
Ion Ratio Lower Upper

184 100

63 59.6 50.9 76.3

154 63.5 53.0 79.6





#55

Dibenzenofuran

Concen: 41.243 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

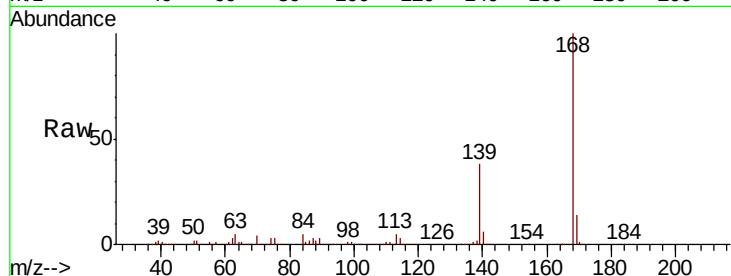
Tgt Ion:168 Resp: 575062

Ion Ratio Lower Upper

168 100

139 38.3 30.1 45.1

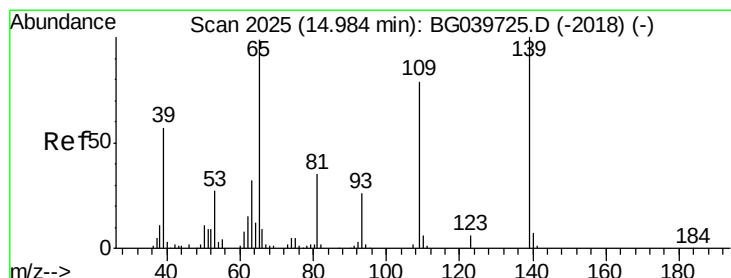
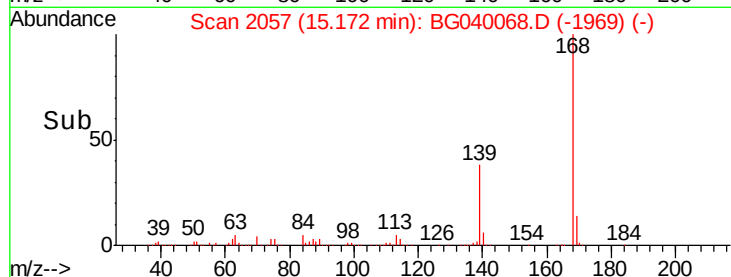
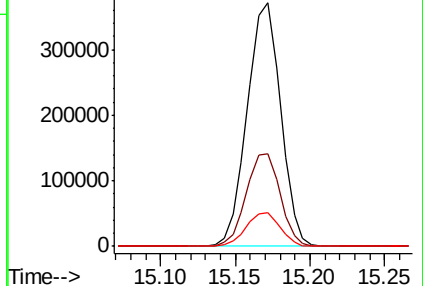
169 13.7 10.6 16.0



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: 78.516 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

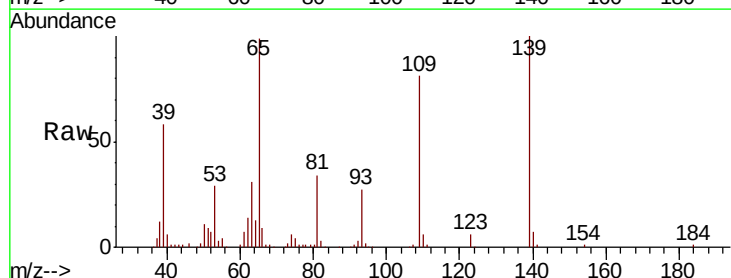
Tgt Ion:139 Resp: 173986

Ion Ratio Lower Upper

139 100

109 81.2 61.9 101.9

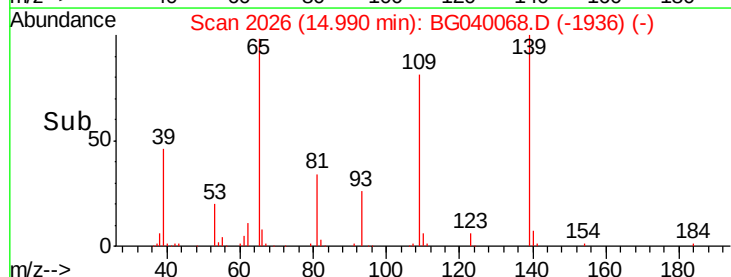
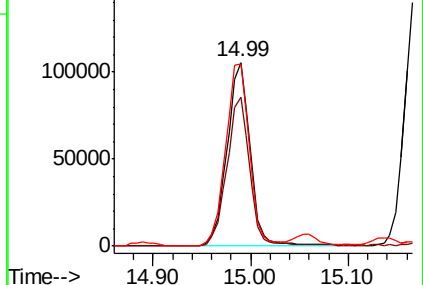
65 99.3 99.1 139.1

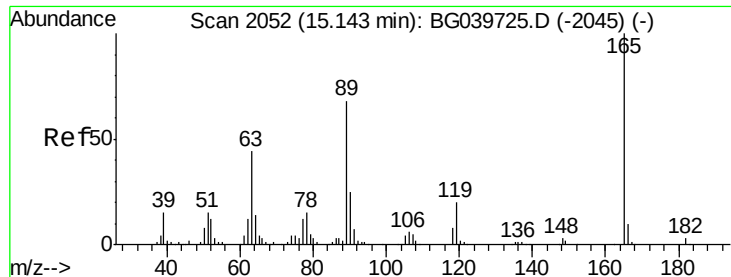


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

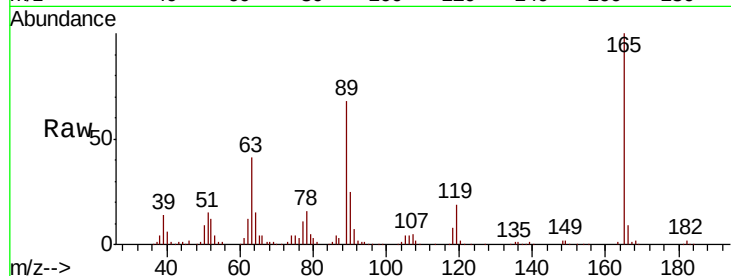




#57
 2,4-Dinitrotoluene
 Concen: 45.429 ng
 RT: 15.14 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB118155BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.5	41.0	61.6#
89	67.7	64.6	96.8
182	2.4	2.0	3.0



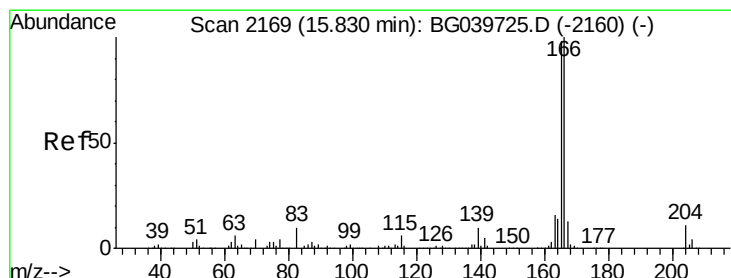
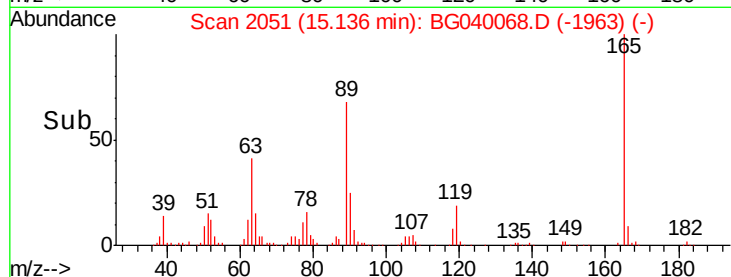
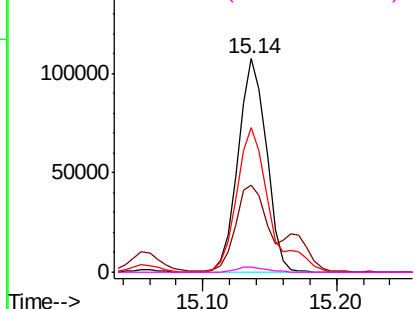
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

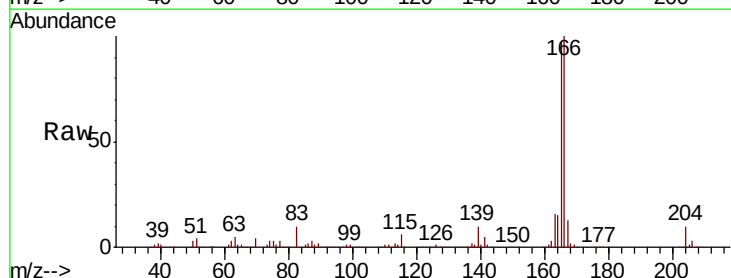
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.026 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.9	116.9
167	13.2	10.8	16.2

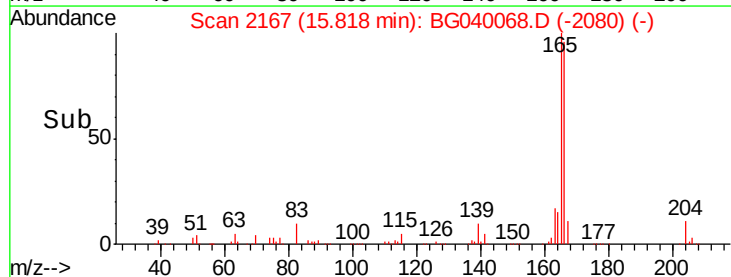
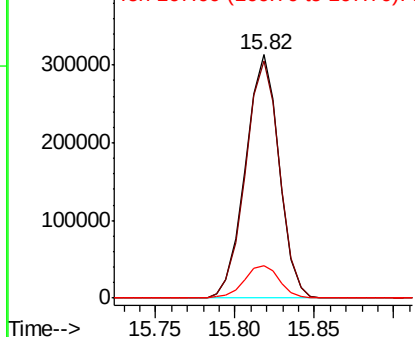


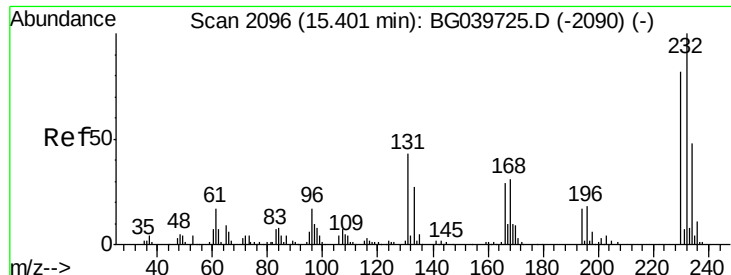
Abundance

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

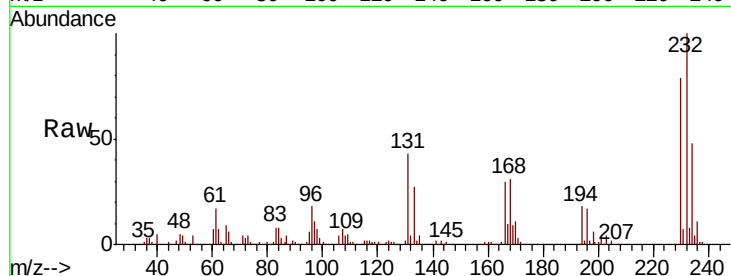




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.271 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.8	34.9	52.3
130	2.2	2.0	3.0
166	29.8	24.1	36.1



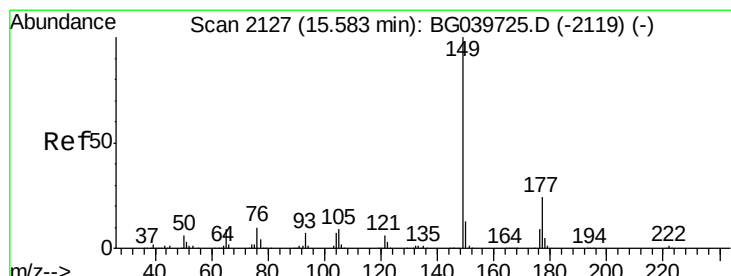
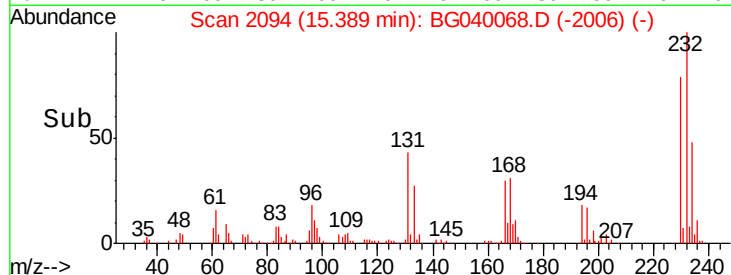
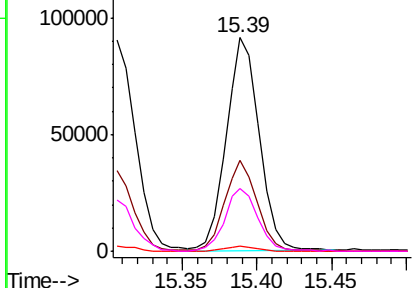
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

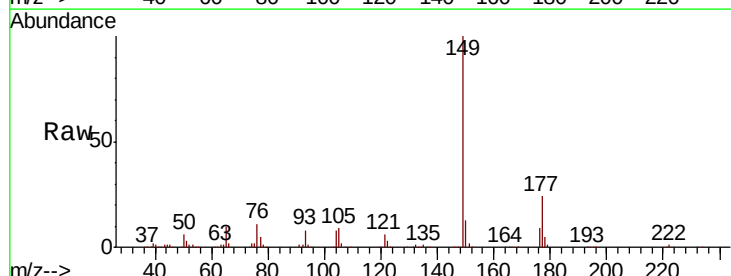
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 43.035 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.3	27.5
150	13.1	10.2	15.2

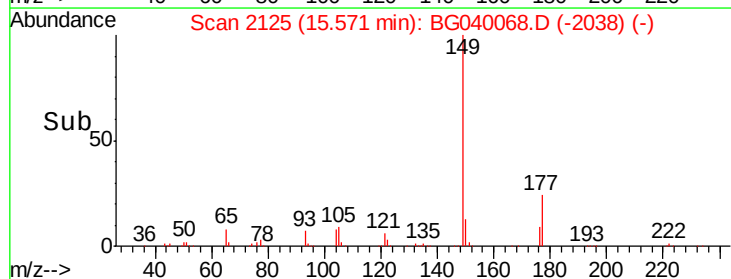
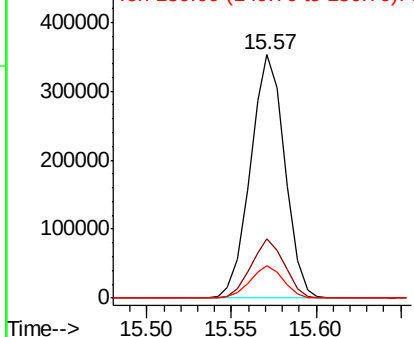


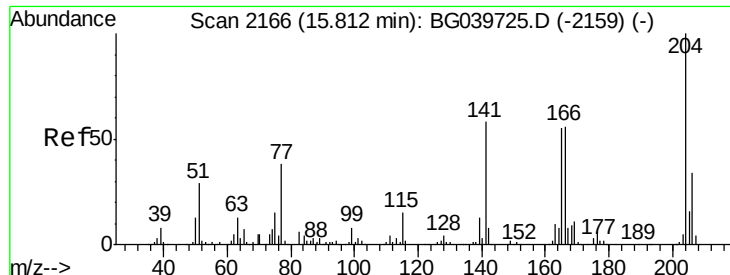
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

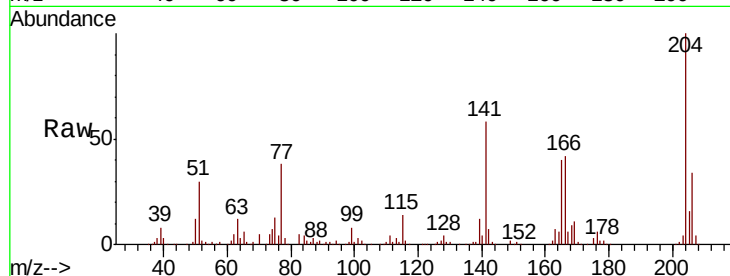




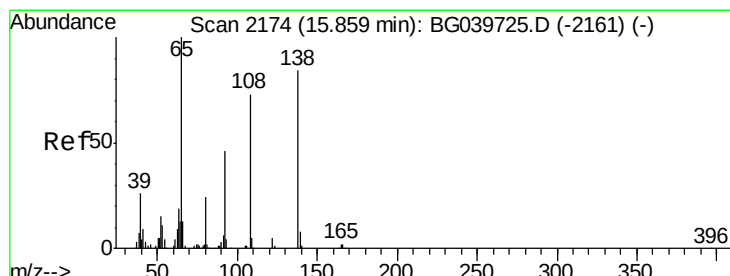
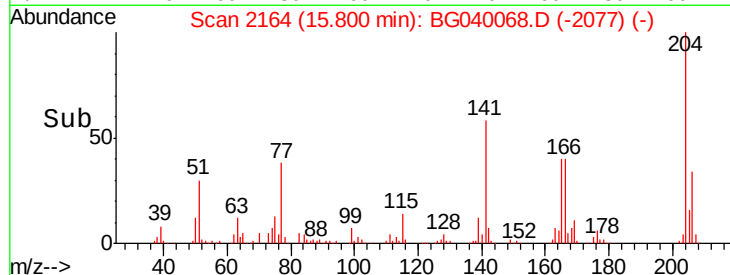
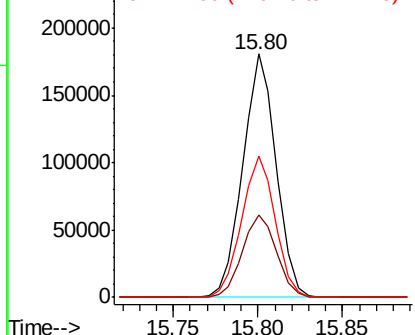
#61
 4-Chlorophenyl-phenylether
 Concen: 42.297 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB118155BS

Tgt Ion: 204 Resp: 247407
 Ion Ratio Lower Upper
 204 100
 206 34.0 29.2 43.8
 141 58.0 49.0 73.4

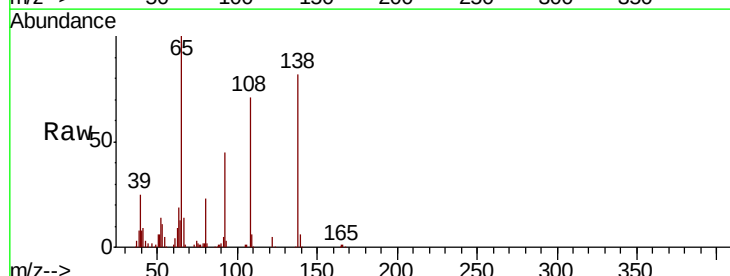


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

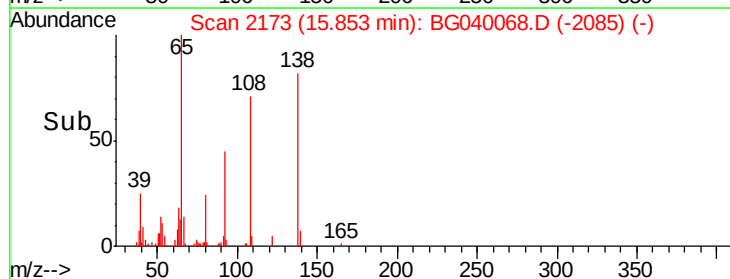
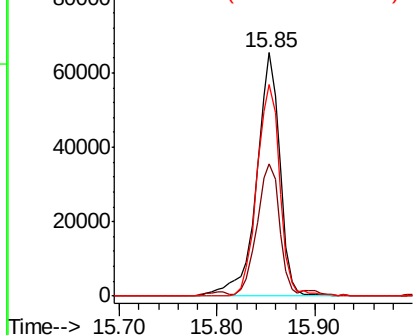


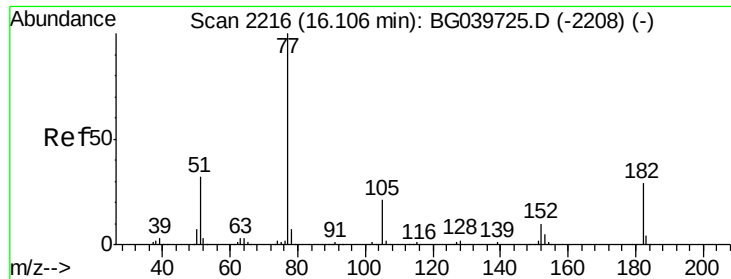
#62
 4-Nitroaniline
 Concen: 40.797 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Tgt Ion: 138 Resp: 109559
 Ion Ratio Lower Upper
 138 100
 92 54.4 38.7 78.7
 108 86.8 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: 42.456 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

Tgt Ion: 77 Resp: 442850

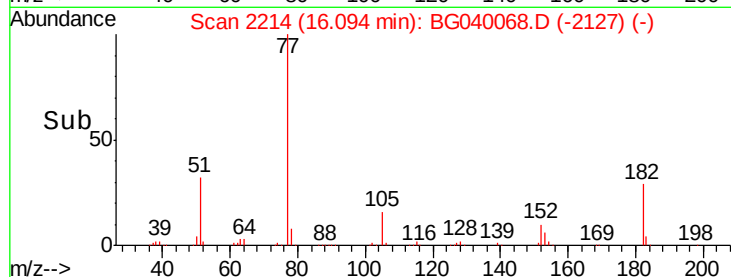
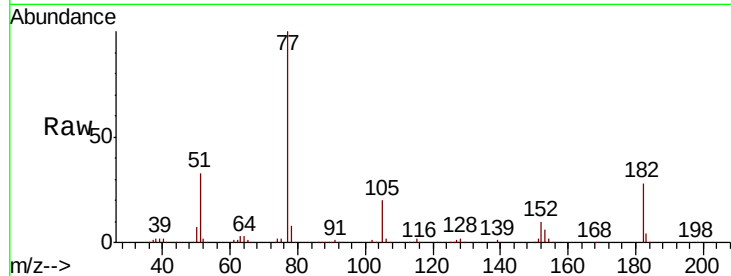
Ion Ratio Lower Upper

77 100

182 28.3 6.4 46.4

105 20.0 0.0 39.8

51 33.0 14.1 54.1

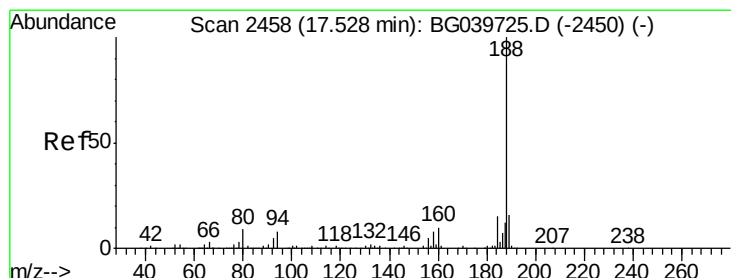
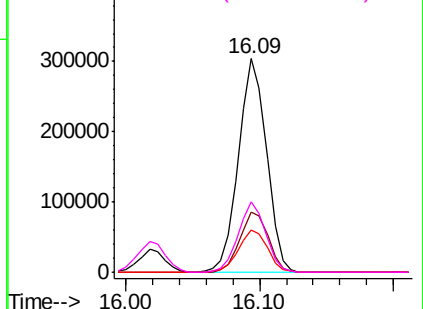


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

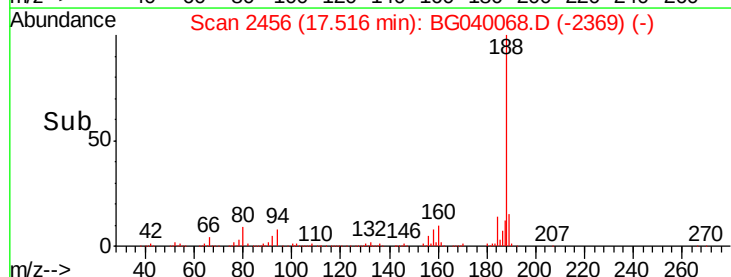
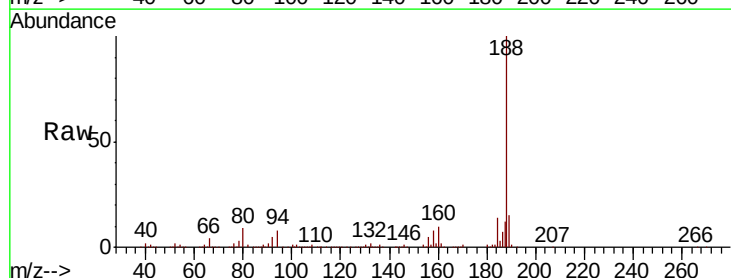
Tgt Ion: 188 Resp: 332765

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

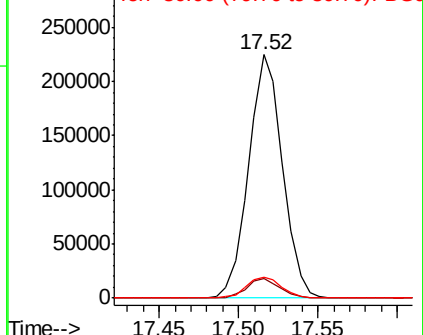
80 8.7 8.1 12.1

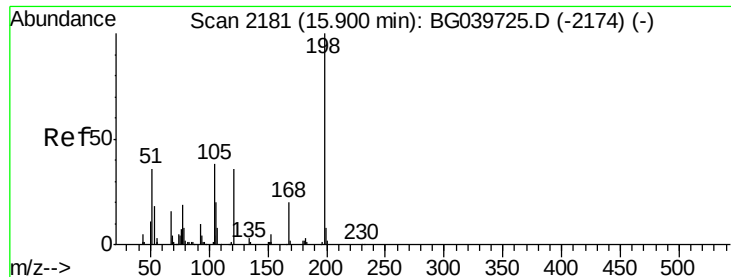


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

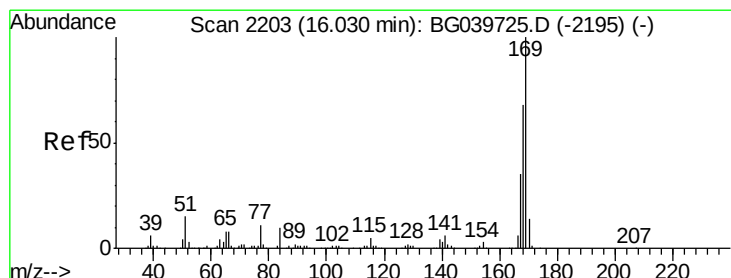
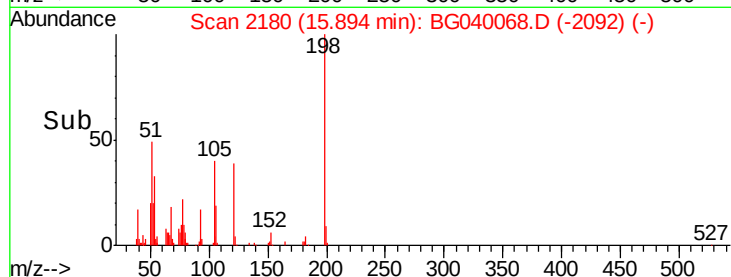
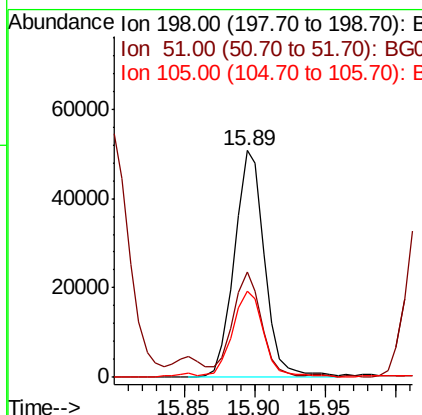
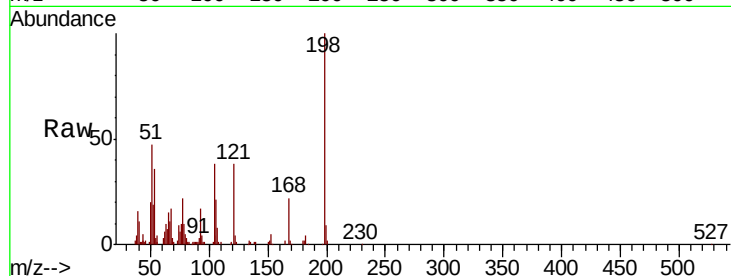




#65
4,6-Dinitro-2-methylphenol
Concen: 38.386 ng
RT: 15.89 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

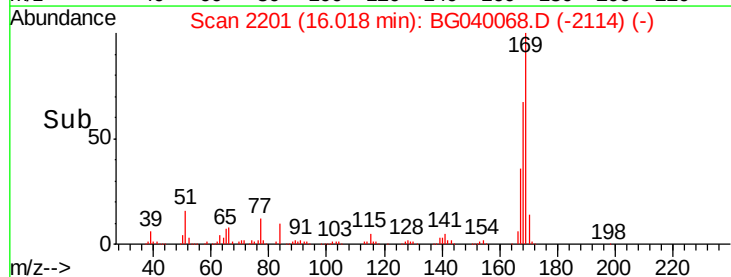
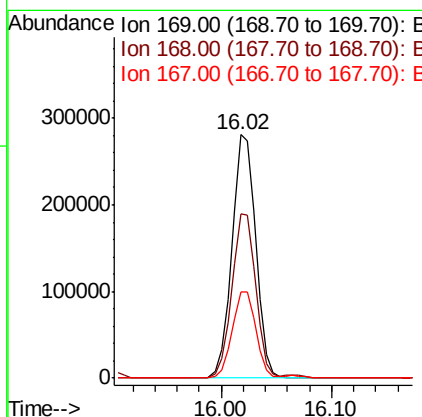
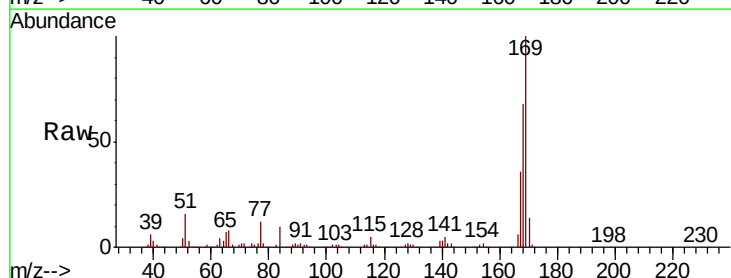
Instrument :
BNA_G
ClientSampleId :
PB118155BS

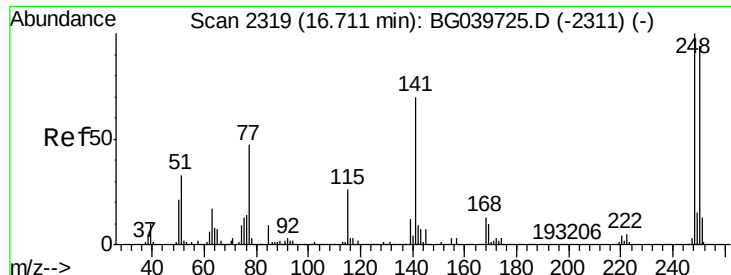
Tgt Ion:198 Resp: 75525
Ion Ratio Lower Upper
198 100
51 46.5 27.4 67.4
105 37.8 19.7 59.7



#66
n-Nitrosodiphenylamine
Concen: 44.088 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion:169 Resp: 424724
Ion Ratio Lower Upper
169 100
168 67.6 56.6 85.0
167 35.6 28.8 43.2

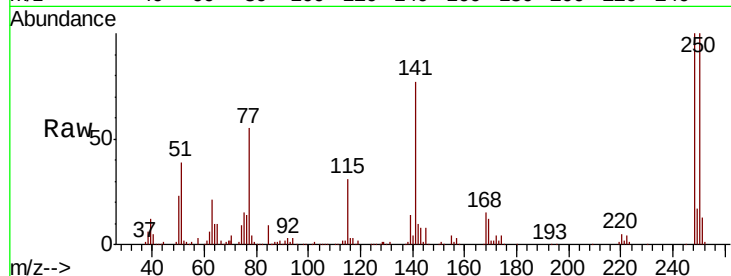




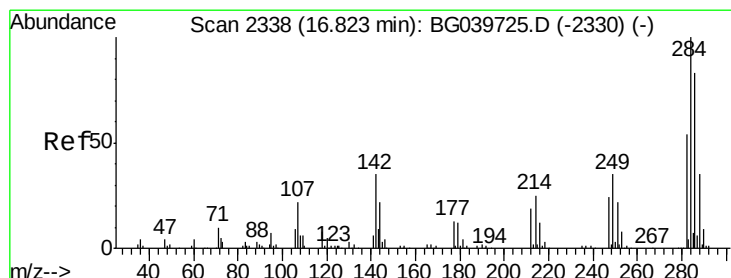
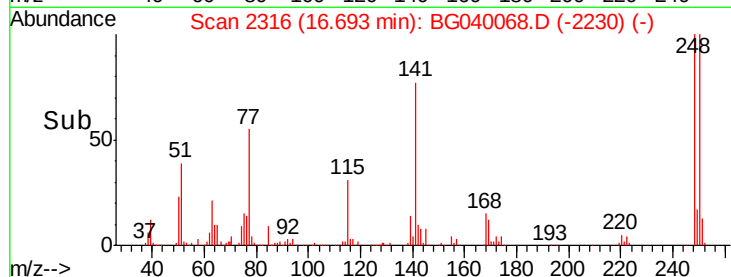
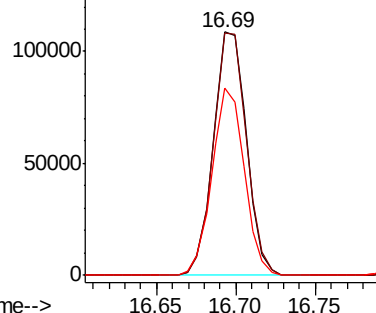
#67
4-Bromophenyl-phenylether
Concen: 42.146 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampled :
PB118155BS

Tgt Ion:248 Resp: 156984
Ion Ratio Lower Upper
248 100
250 99.7 77.6 116.4
141 76.9 63.9 95.9

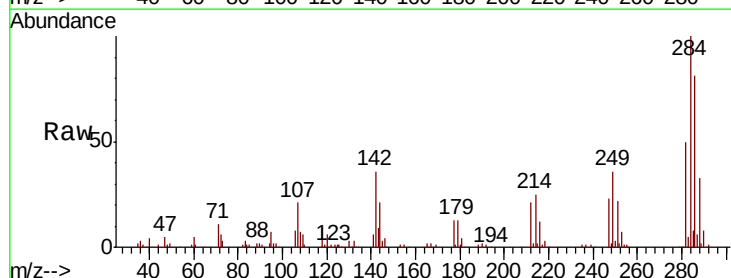


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

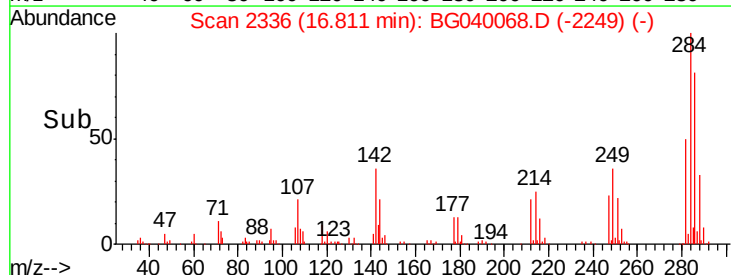
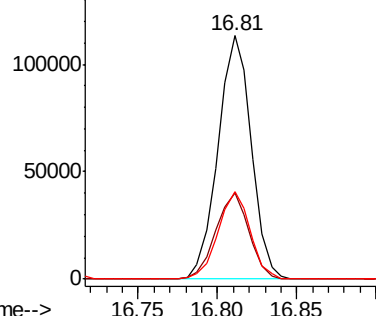


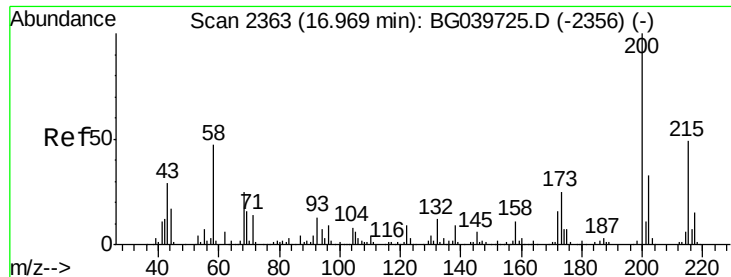
#68
Hexachlorobenzene
Concen: 42.713 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion:284 Resp: 164913
Ion Ratio Lower Upper
284 100
142 35.5 30.6 45.8
249 35.7 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: 40.288 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

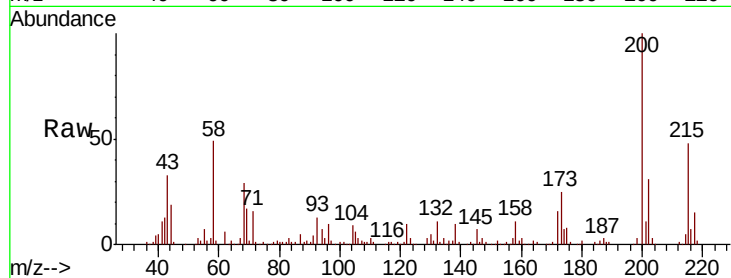
Tgt Ion:200 Resp: 152751

Ion Ratio Lower Upper

200 100

173 24.6 3.9 43.9

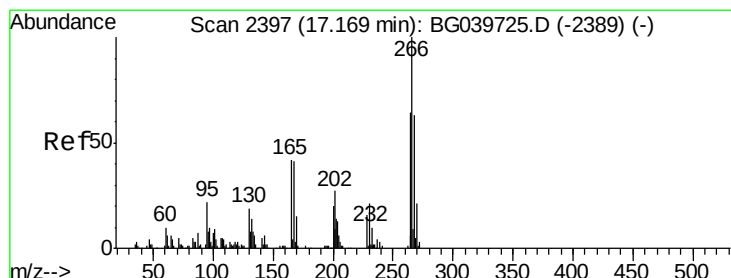
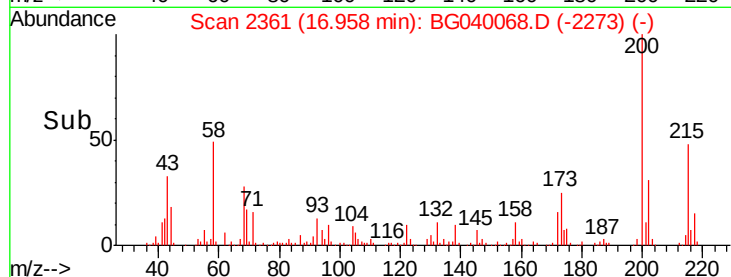
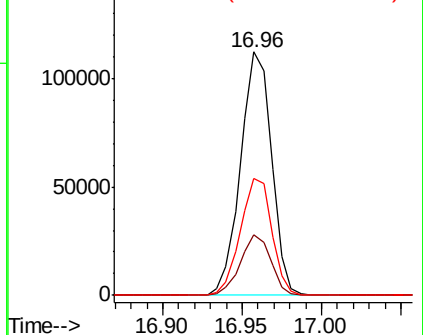
215 47.8 30.9 70.9



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: 82.877 ng

RT: 17.16 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

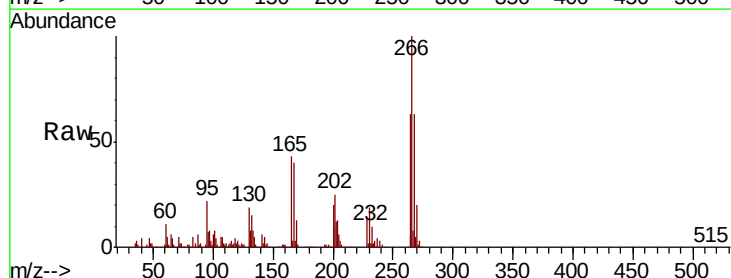
Tgt Ion:266 Resp: 202087

Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

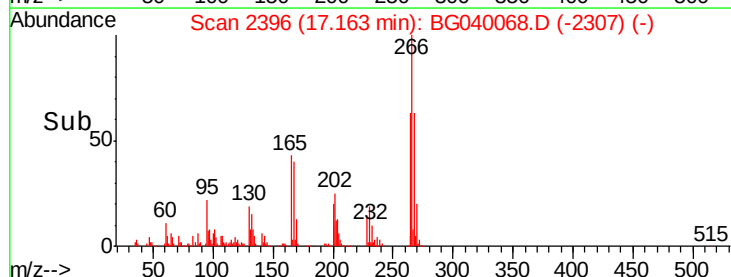
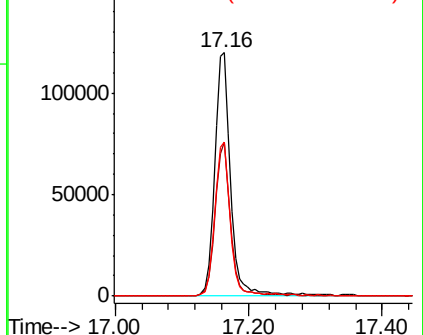
264 63.3 52.1 78.1

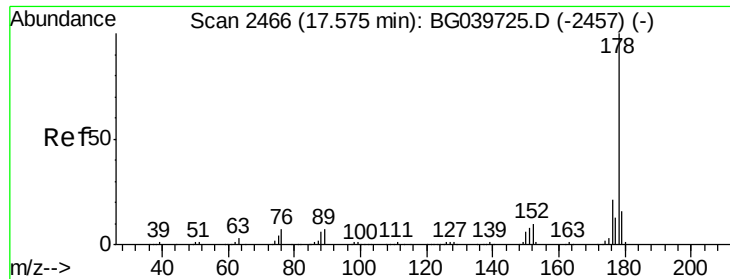


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

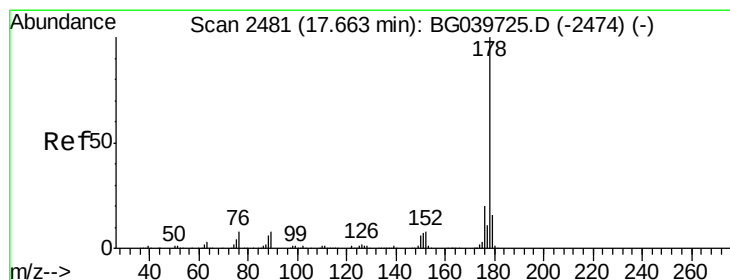
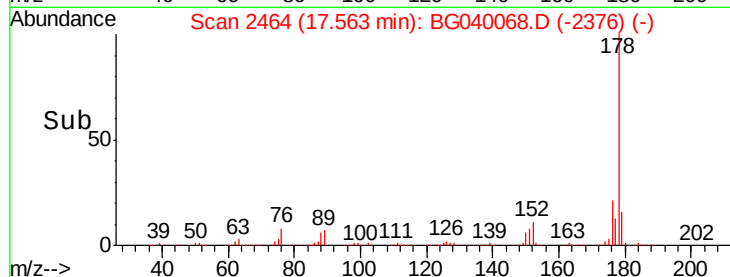
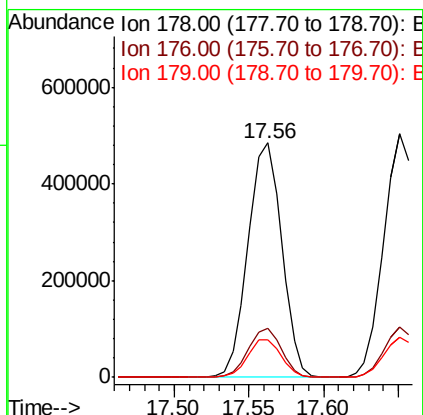
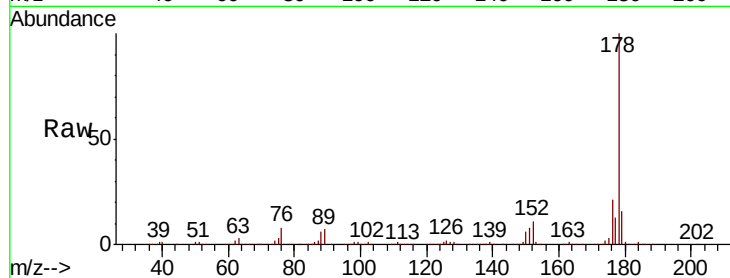




#71
Phenanthrene
Concen: 41.422 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

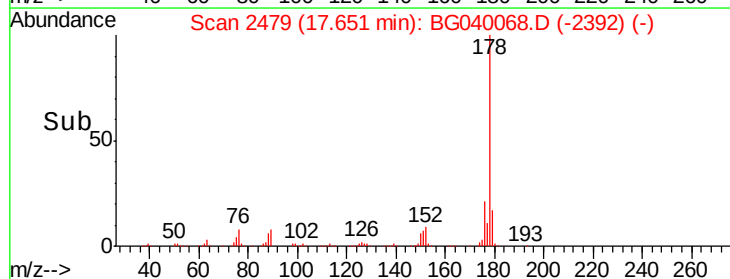
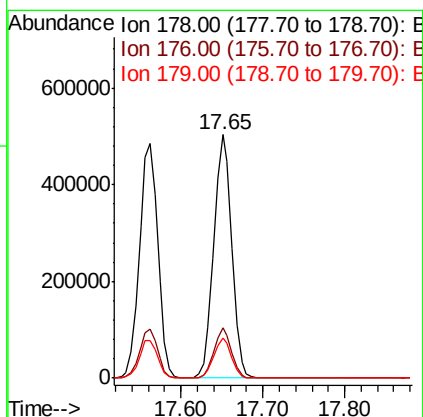
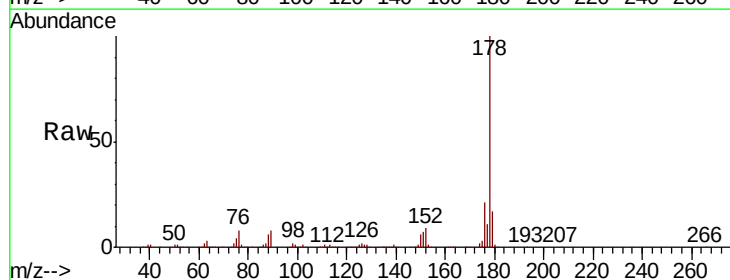
Instrument :
BNA_G
ClientSampleId :
PB118155BS

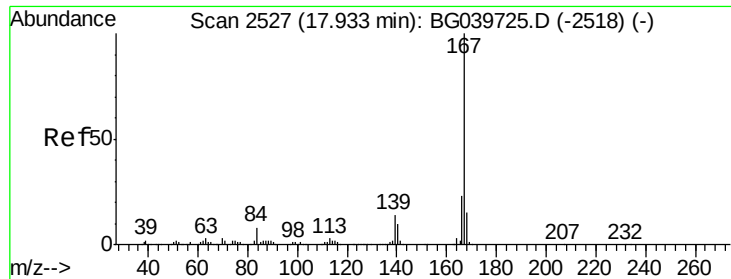
Tgt Ion:178 Resp: 759221
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 16.1 12.6 19.0



#72
Anthracene
Concen: 43.101 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion:178 Resp: 769853
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.6
179 16.7 12.5 18.7

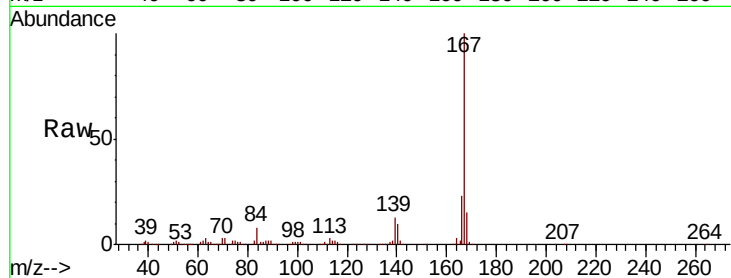




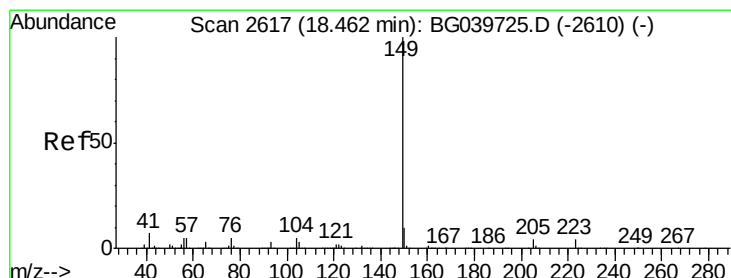
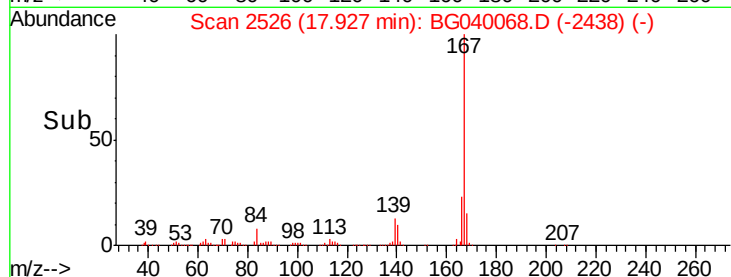
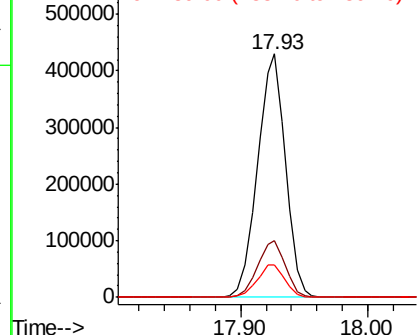
#73
 Carbazole
 Concen: 40.929 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB118155BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.4	29.2
139	13.5	10.8	16.2

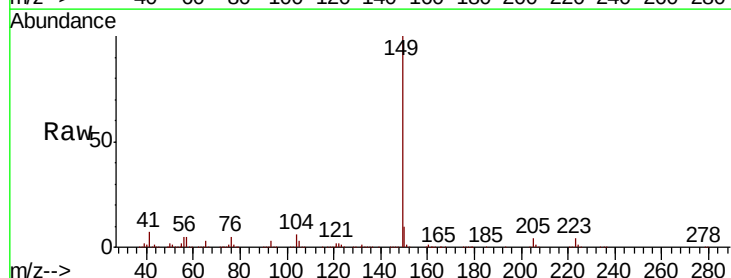


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

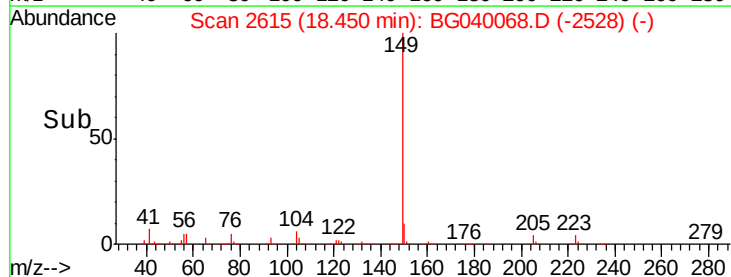
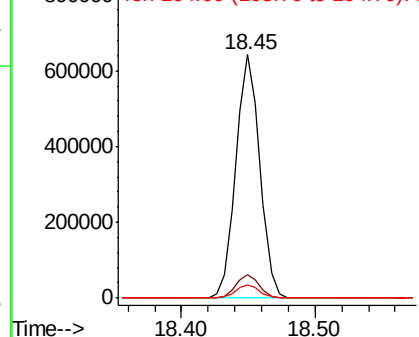


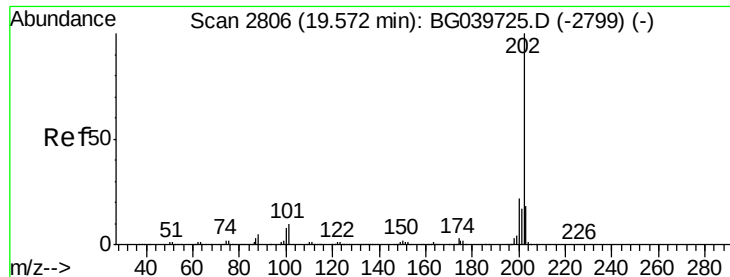
#74
 Di-n-butylphthalate
 Concen: 42.585 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.6	4.5	6.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.495 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

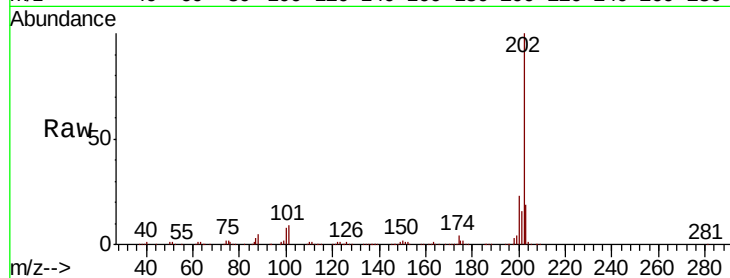
Tgt Ion:202 Resp: 877196

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.0

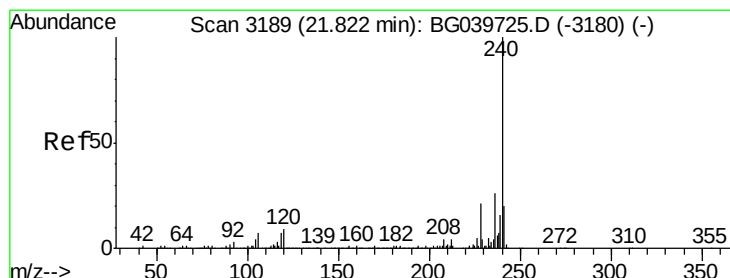
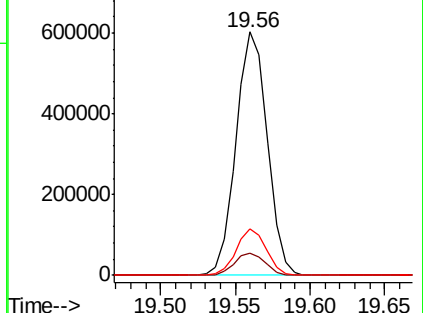
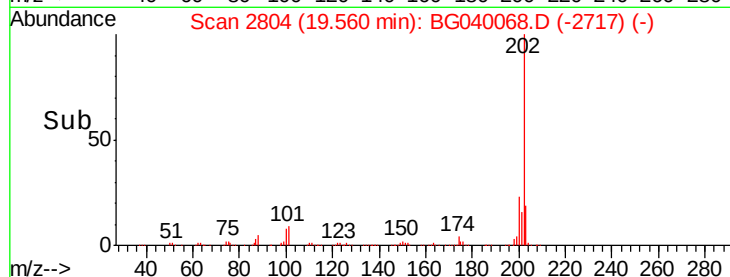
203 19.2 0.0 38.9



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# 3186

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

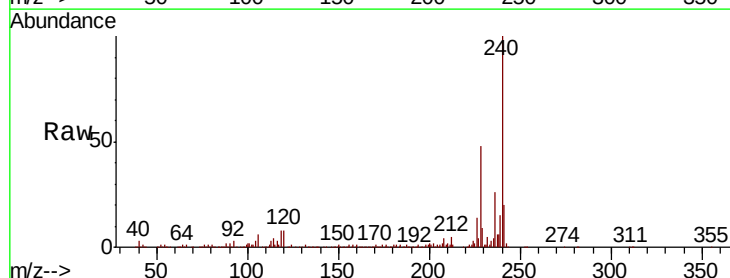
Tgt Ion:240 Resp: 311238

Ion Ratio Lower Upper

240 100

120 7.8 7.0 10.6

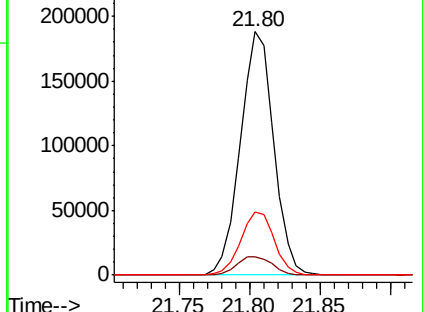
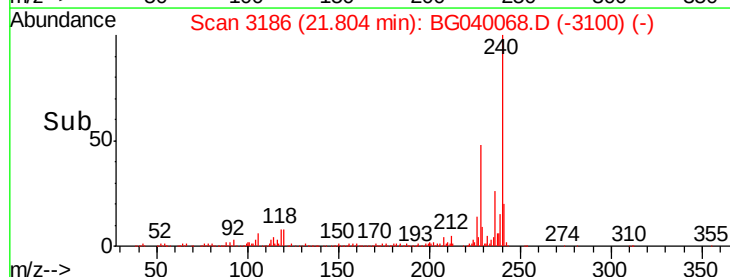
236 25.8 21.0 31.4

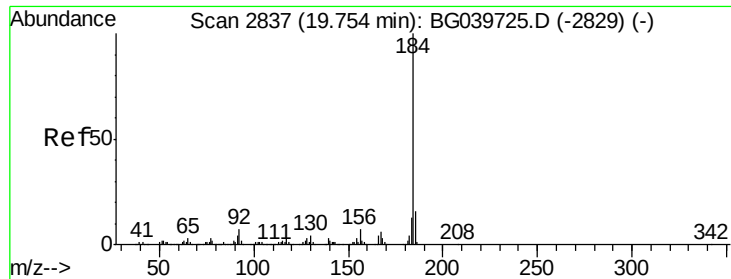


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.835 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

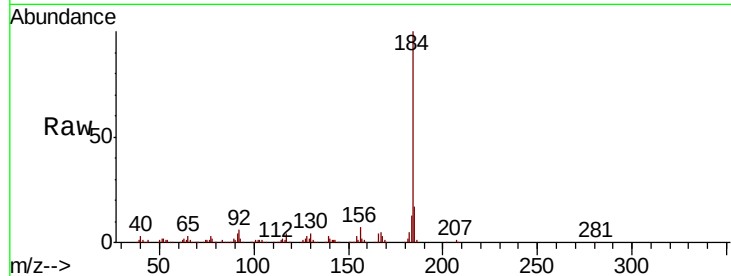
Tgt Ion:184 Resp: 225528

Ion Ratio Lower Upper

184 100

185 16.8 12.2 18.2

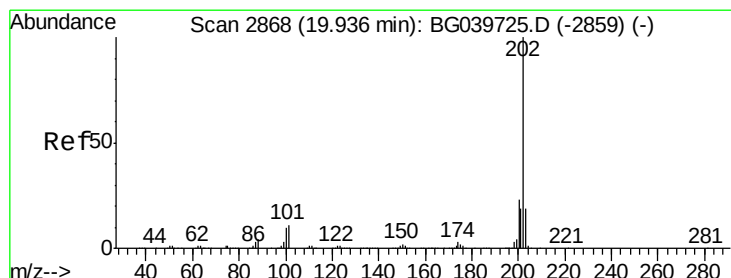
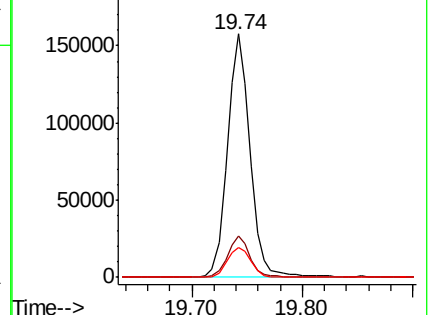
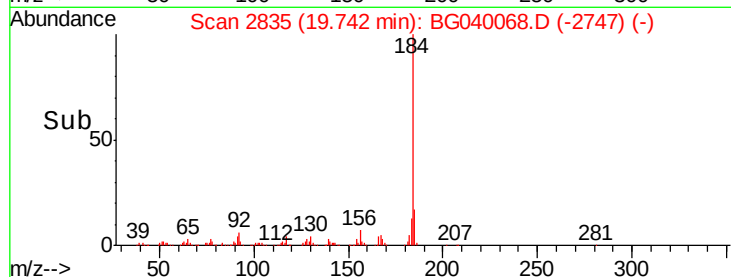
183 12.5 10.6 15.8



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: 43.146 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

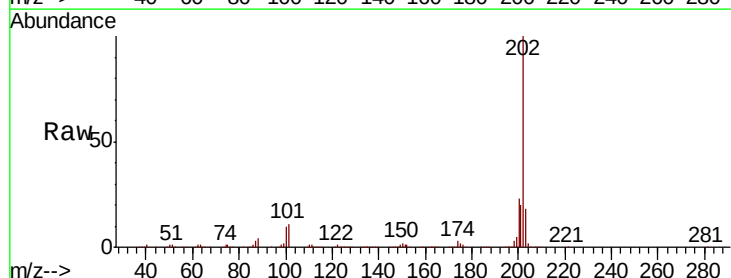
Tgt Ion:202 Resp: 872612

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.8

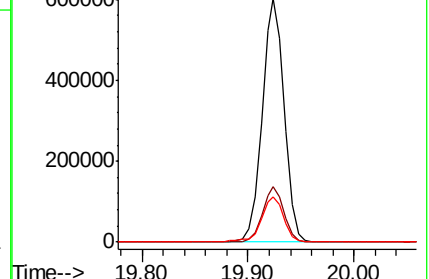
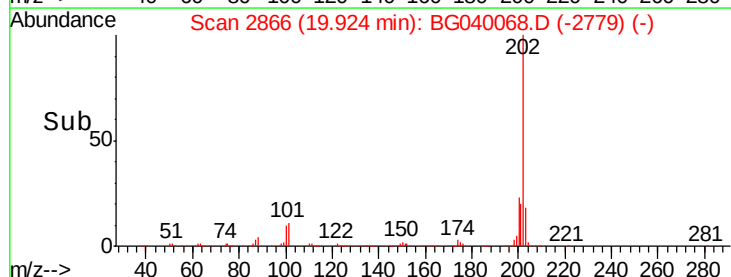
203 18.4 15.3 22.9

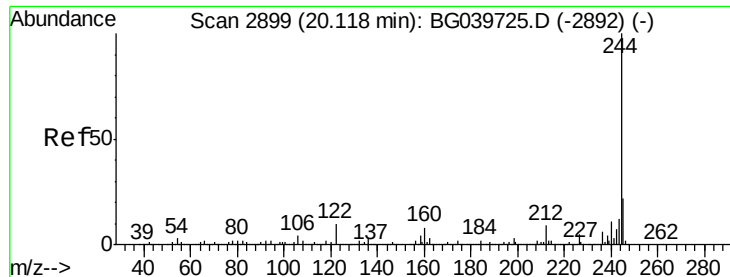


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.386 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

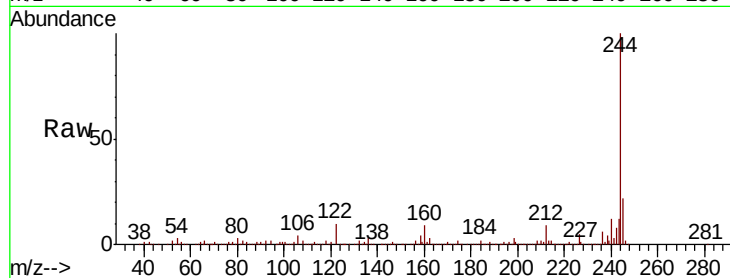
Tgt Ion:244 Resp: 1249384

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

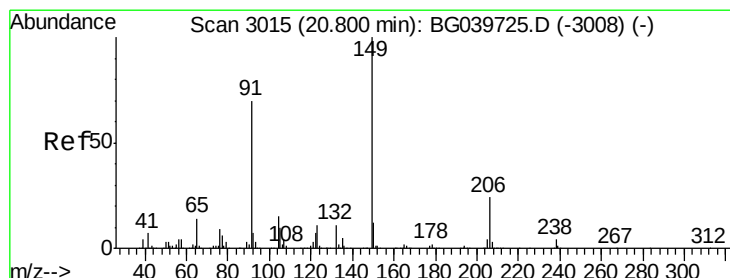
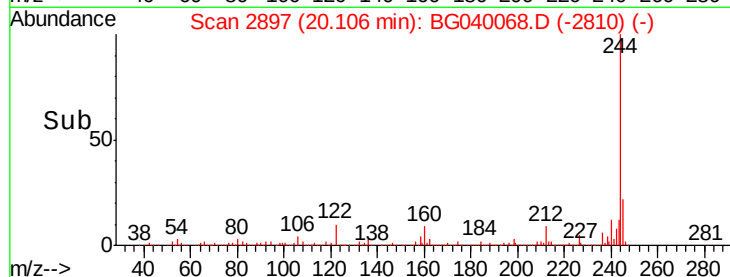
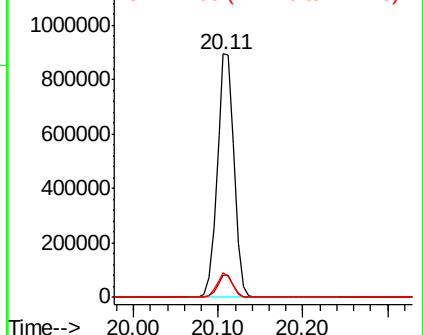
122 9.9 8.4 12.6



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: 46.844 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

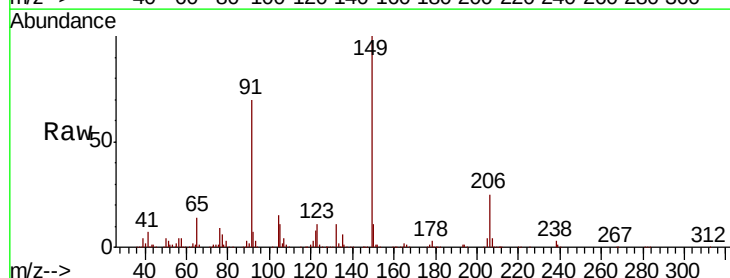
Tgt Ion:149 Resp: 367047

Ion Ratio Lower Upper

149 100

91 69.8 59.5 89.3

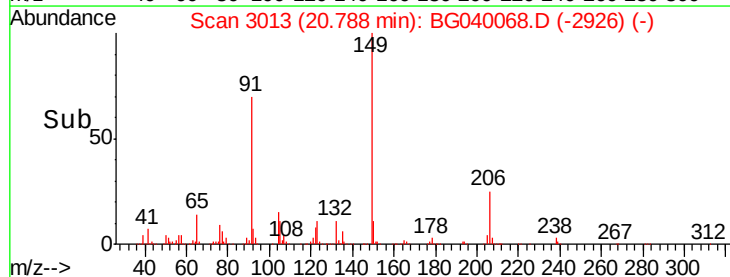
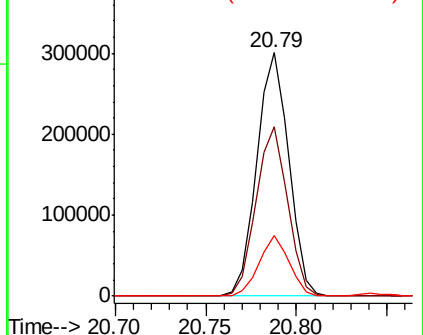
206 24.7 18.6 27.8

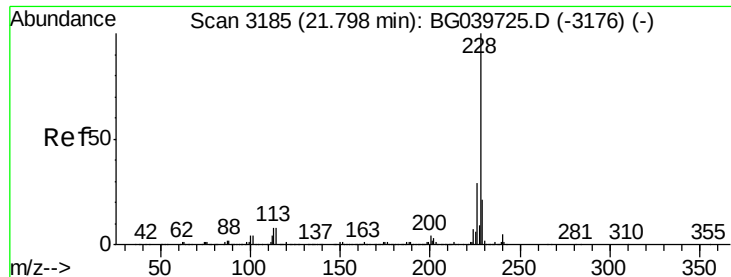


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.859 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

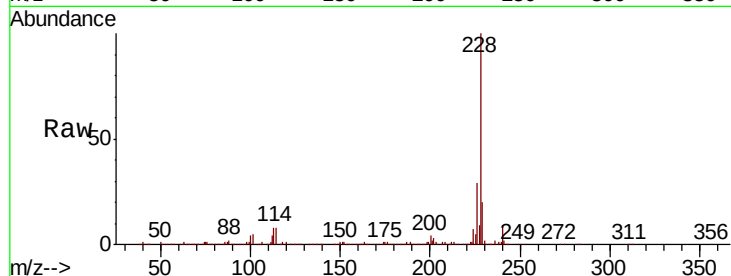
Tgt Ion:228 Resp: 836013

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.6

229 20.3 16.9 25.3

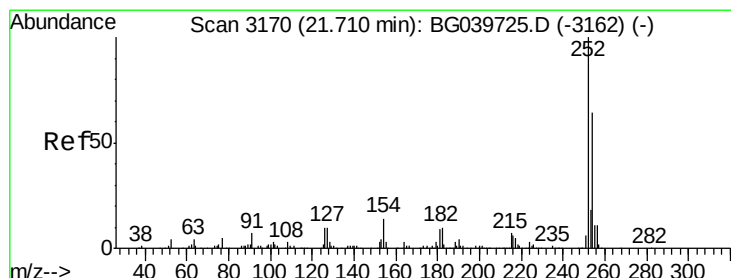
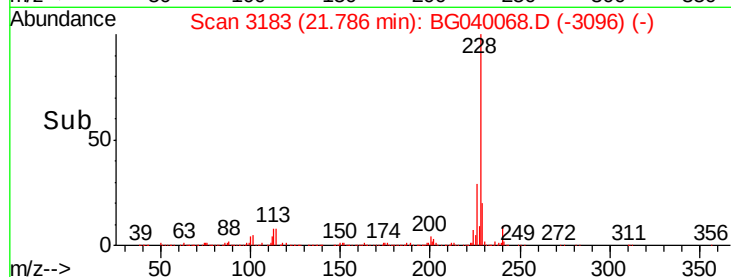
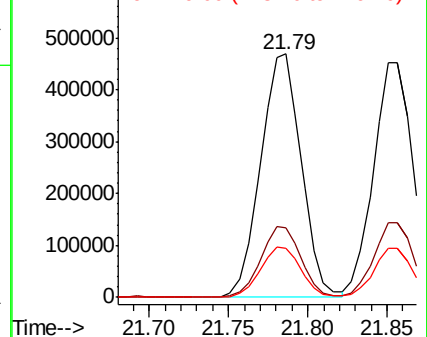


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 21.698 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

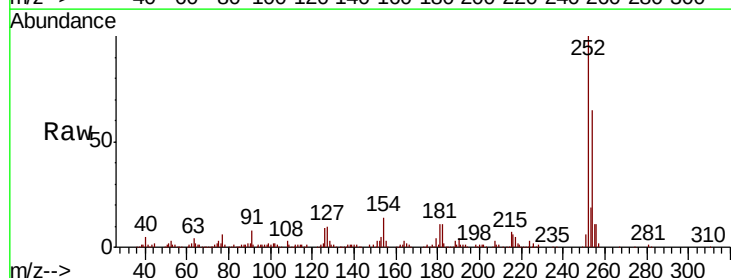
Tgt Ion:252 Resp: 154524

Ion Ratio Lower Upper

252 100

254 65.3 51.3 76.9

126 9.2 8.0 12.0

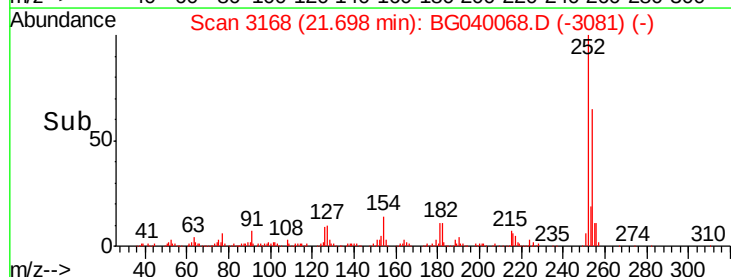
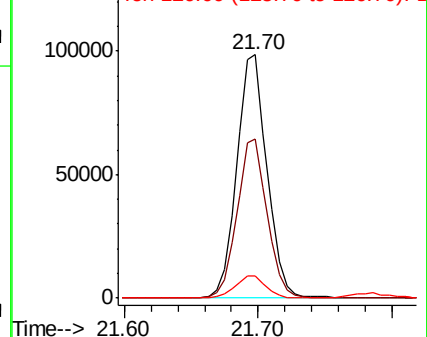


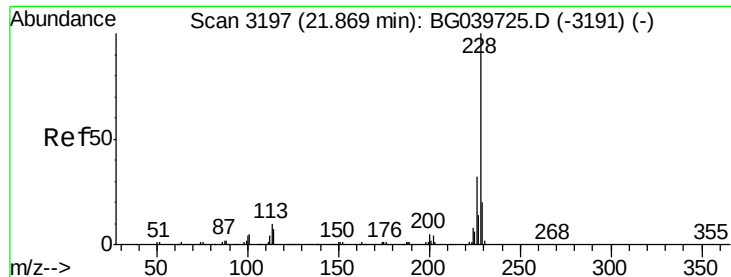
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.159 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

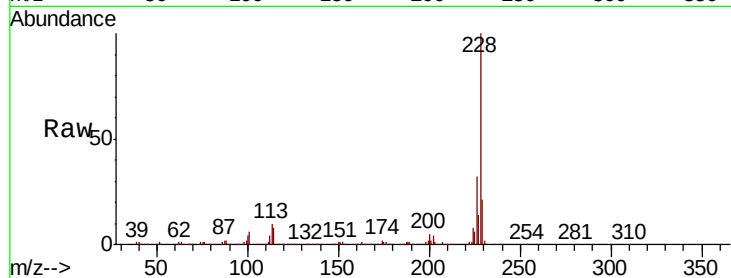
Tgt Ion:228 Resp: 778344

Ion Ratio Lower Upper

228 100

226 31.7 25.8 38.6

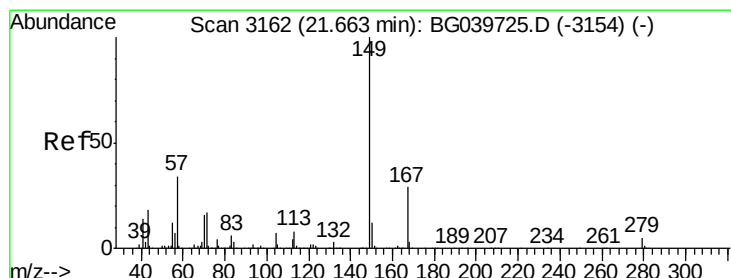
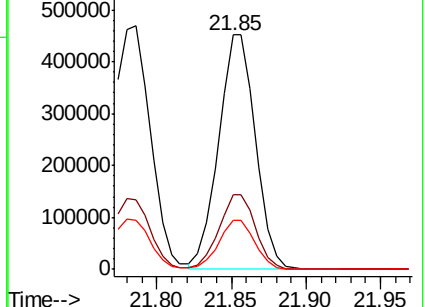
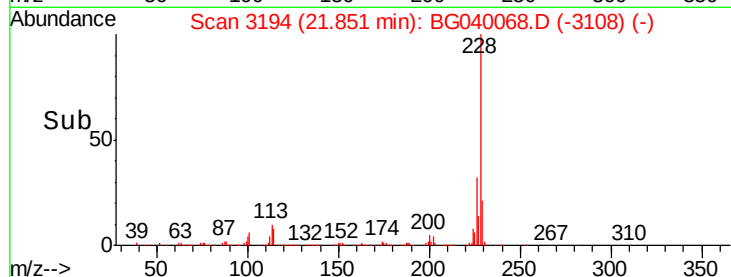
229 21.0 16.6 25.0



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: 45.763 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

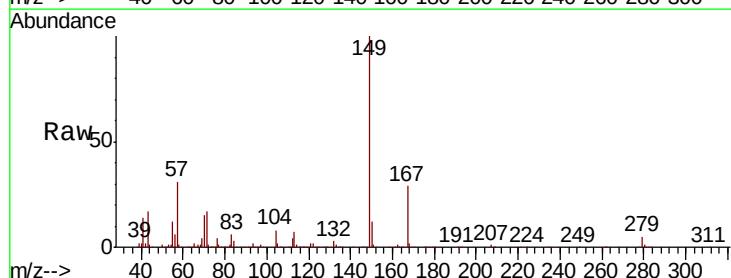
Tgt Ion:149 Resp: 503889

Ion Ratio Lower Upper

149 100

167 28.7 22.6 34.0

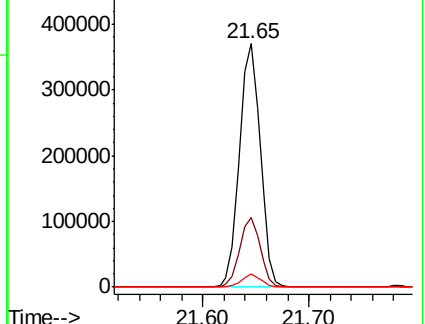
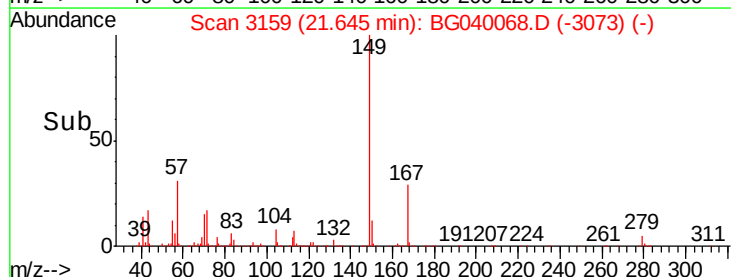
279 5.3 3.5 5.3

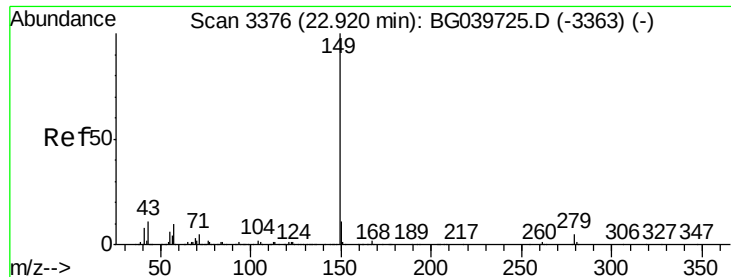


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

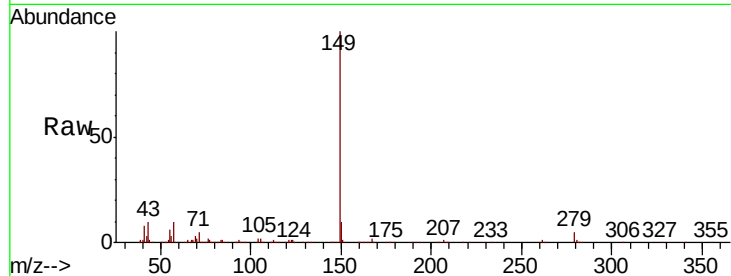




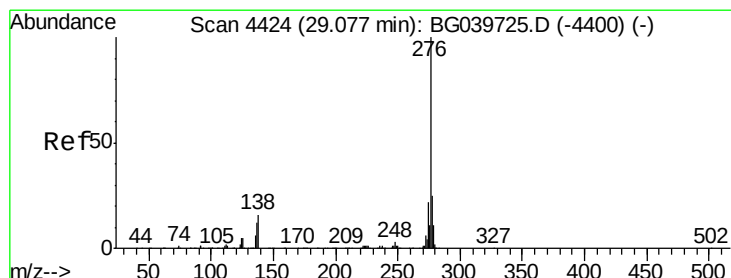
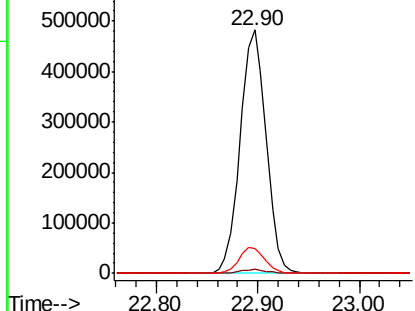
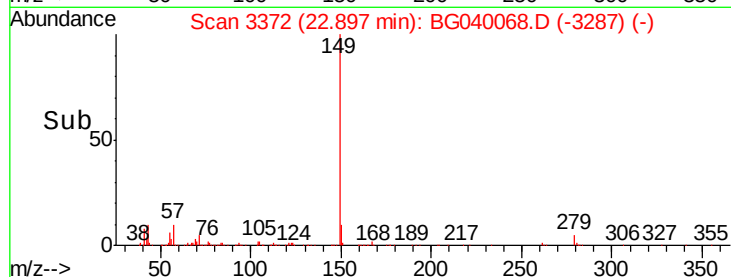
#85
Di-n-octyl phthalate
Concen: 46.813 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tgt Ion:149 Resp: 853456
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 10.2 15.4

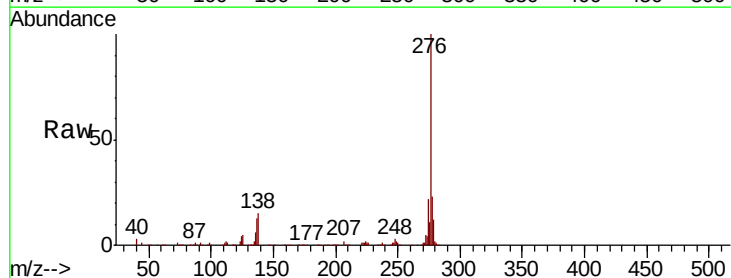


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

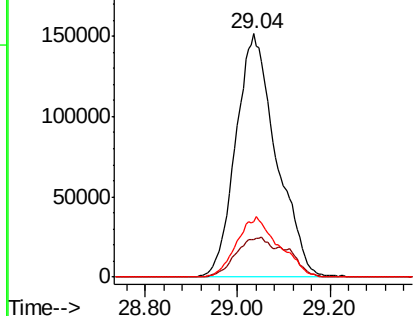
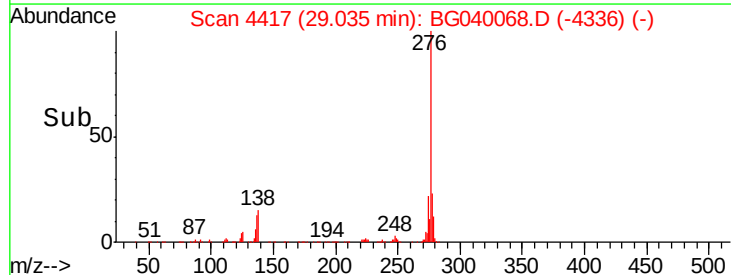


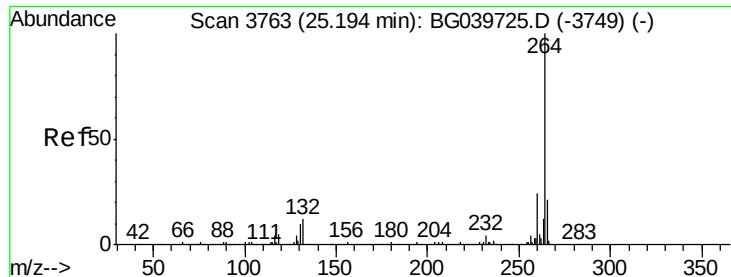
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.107 ng
RT: 29.04 min Scan# 4417
Delta R.T. -0.05 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion:276 Resp: 924776
Ion Ratio Lower Upper
276 100
138 14.4 12.6 19.0
277 25.8 20.8 31.2



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

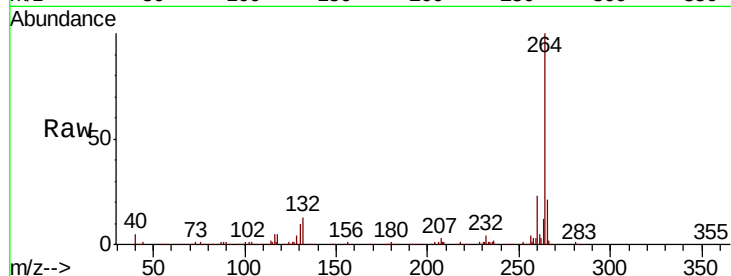
Tgt Ion:264 Resp: 306860

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

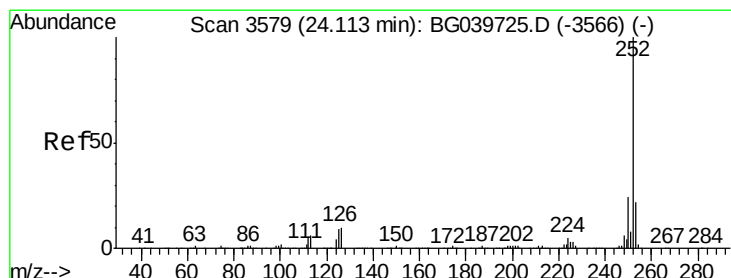
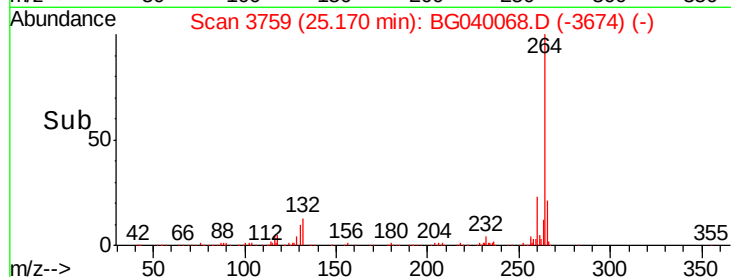
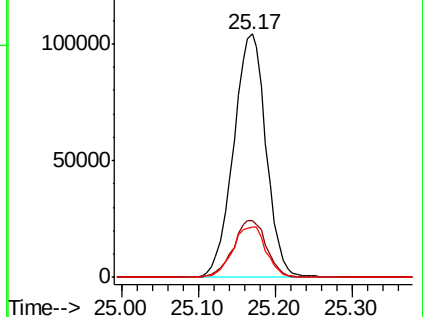
265 20.8 18.5 27.7



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: 44.283 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

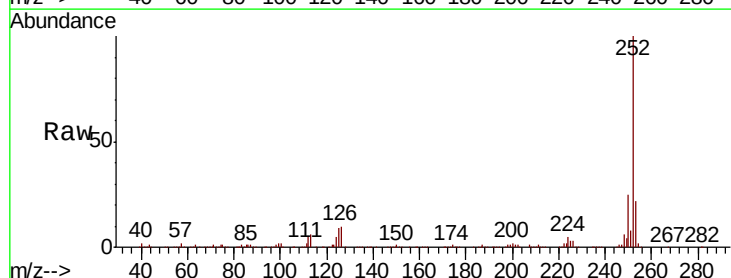
Tgt Ion:252 Resp: 810324

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

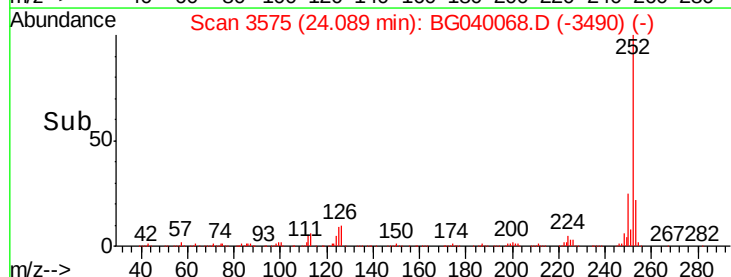
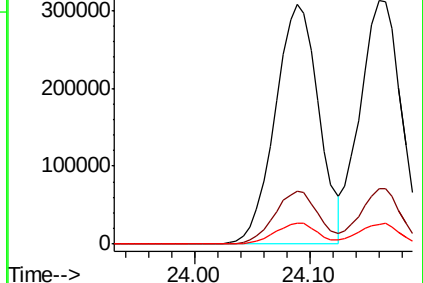
125 8.8 7.8 11.6

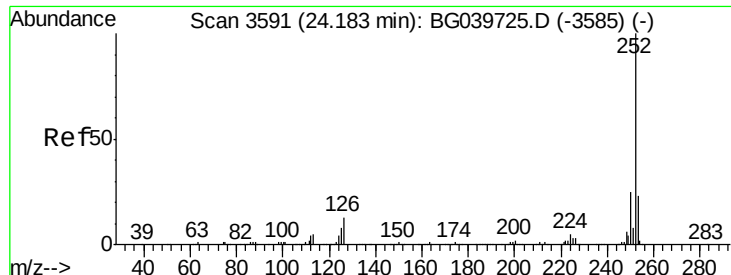


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.556 ng

RT: 24.16 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

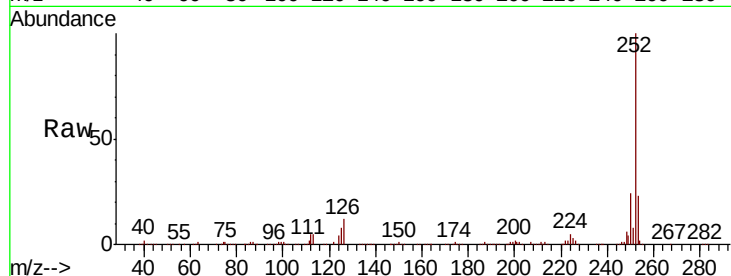
Tgt Ion:252 Resp: 775972

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

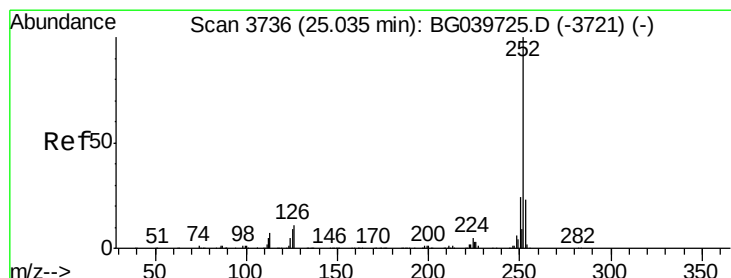
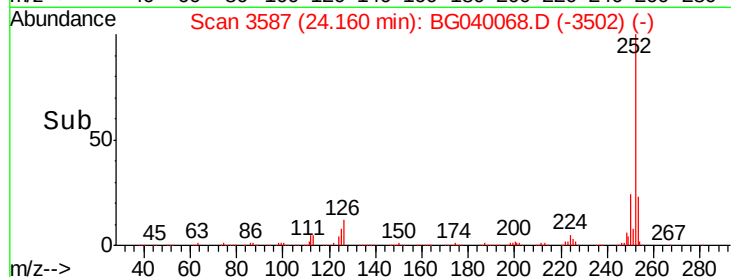
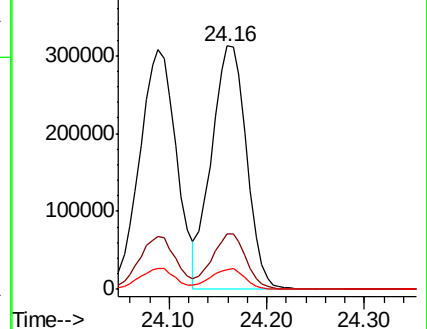
125 8.1 7.4 11.2



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



#90

Benzo(a)pyrene

Concen: 46.793 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

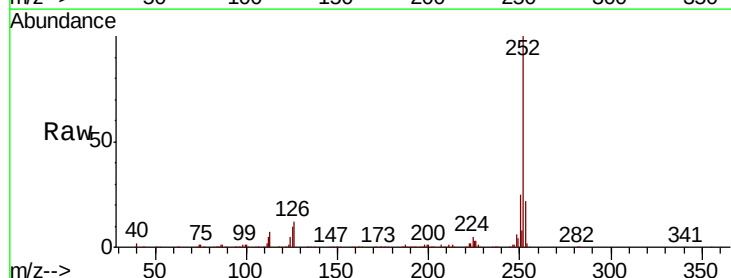
Tgt Ion:252 Resp: 791228

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

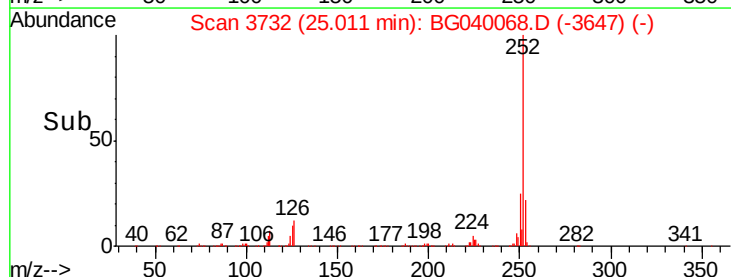
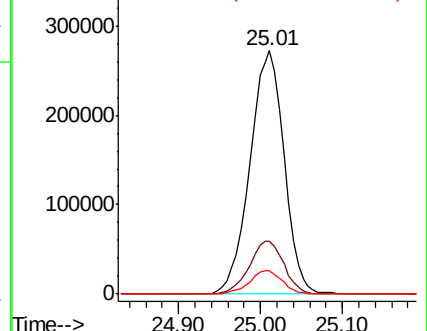
125 9.6 8.3 12.5

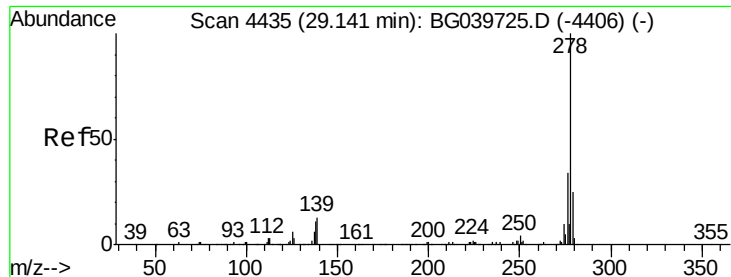


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

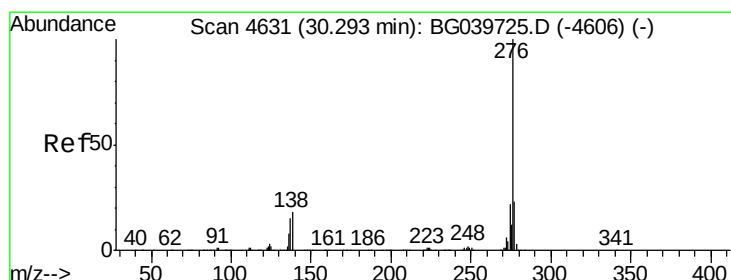
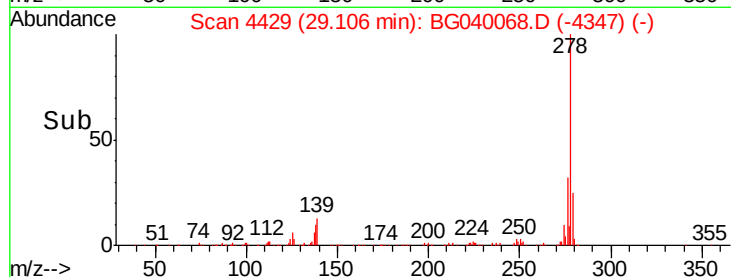
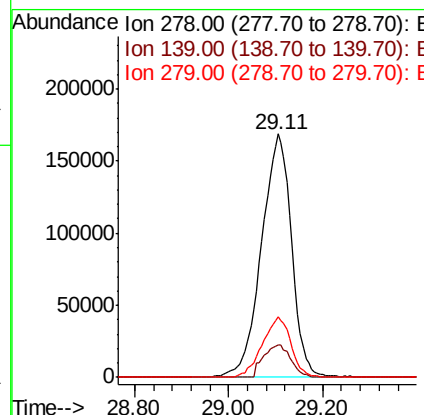
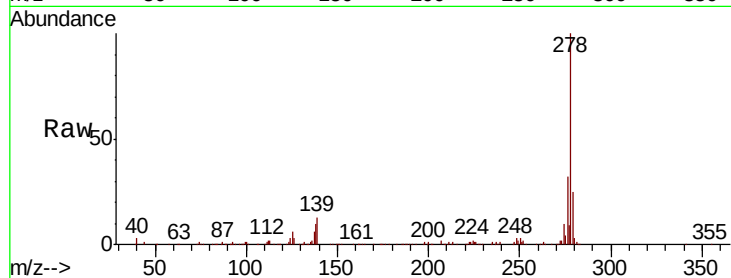




#91
Dibenzo(a,h)anthracene
Concen: 45.236 ng
RT: 29.11 min Scan# 4429
Delta R.T. -0.05 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.7	17.5
279	24.7	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 46.392 ng
RT: 30.26 min Scan# 4625
Delta R.T. -0.05 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.6	29.4
138	16.3	14.7	22.1

