

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
 Data File : BG039905.D
 Acq On : 13 Mar 2019 16:45
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 14 04:18:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	45605	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	199365	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	127703	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	301271	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	317016	20.00	ng	-0.02
87) Perylene-d12	25.17	264	333937	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	216661	81.05	ng	-0.02
7) Phenol-d6	7.29	99	306600	76.92	ng	-0.02
23) Nitrobenzene-d5	9.33	82	304711	82.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	124988	83.97	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	712565	79.45	ng	-0.02
79) Terphenyl-d14	20.11	244	1122346	77.95	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	47143	38.199	ng	97
3) Pyridine	3.99	79	131707	39.863	ng	97
4) n-Nitrosodimethylamine	3.91	42	68363	43.615	ng	96
6) Aniline	7.48	93	197299	37.782	ng	98
8) 2-Chlorophenol	7.70	128	125234	38.616	ng	99
9) Benzaldehyde	7.29	77	92537	35.991	ng	97
10) Phenol	7.32	94	165944	38.431	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	130383	38.728	ng	100
12) 1,3-Dichlorobenzene	8.03	146	146357	39.903	ng	97
13) 1,4-Dichlorobenzene	8.18	146	148739	39.812	ng	97
14) 1,2-Dichlorobenzene	8.50	146	138936	38.490	ng	99
15) Benzyl Alcohol	8.39	79	121964	38.574	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	263090	39.073	ng	99
17) 2-Methylphenol	8.58	107	104846	38.080	ng	97
18) Hexachloroethane	9.23	117	54163	40.404	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	105363	36.725	ng	96
20) 3+4-Methylphenols	8.91	107	147040	38.442	ng	97
22) Acetophenone	8.98	105	208299	38.928	ng	# 96
24) Nitrobenzene	9.37	77	158029	40.865	ng	95
25) Isophorone	9.88	82	301220	38.999	ng	98
26) 2-Nitrophenol	10.08	139	79005	42.314	ng	95
27) 2,4-Dimethylphenol	10.12	122	115029	39.613	ng	93
28) bis(2-Chloroethoxy)methane	10.36	93	181501	38.669	ng	96
29) 2,4-Dichlorophenol	10.61	162	132038	40.386	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	146318	39.771	ng	99
31) Naphthalene	11.02	128	407667	38.621	ng	99
32) Benzoic acid	10.25	122	72030	37.759	ng	97
33) 4-Chloroaniline	11.13	127	174736	39.039	ng	97
34) Hexachlorobutadiene	11.28	225	102619	40.819	ng	93
35) Caprolactam	11.92	113	49654	39.758	ng	91
36) 4-Chloro-3-methylphenol	12.23	107	145894	38.928	ng	99
37) 2-Methylnaphthalene	12.61	142	302003	38.269	ng	97
38) 1-Methylnaphthalene	12.83	142	293534	38.275	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	176513	40.800	ng	99

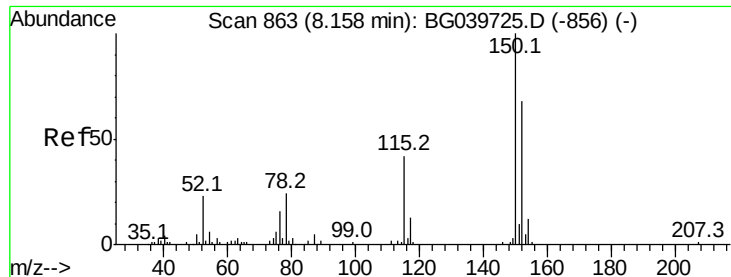
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
 Data File : BG039905.D
 Acq On : 13 Mar 2019 16:45
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 14 04:18:00 2019
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 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)
41) Hexachlorocyclopentadiene	12.94	237	100040	43.149	ng	97
43) 2,4,6-Trichlorophenol	13.21	196	109553	43.253	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	117387	41.117	ng	98
46) 1,1'-Biphenyl	13.61	154	414478	39.461	ng	99
47) 2-Chloronaphthalene	13.66	162	311594	39.434	ng	98
48) 2-Nitroaniline	13.87	65	109035	42.938	ng	95
49) Acenaphthylene	14.50	152	512312	39.496	ng	99
50) Dimethylphthalate	14.22	163	413639	38.736	ng	99
51) 2,6-Dinitrotoluene	14.35	165	92546	40.881	ng	97
52) Acenaphthene	14.84	154	302738	38.777	ng	99
53) 3-Nitroaniline	14.69	138	91677	40.287	ng	# 94
54) 2,4-Dinitrophenol	14.89	184	72203	52.509	ng	99
55) Dibenzofuran	15.17	168	494052	38.570	ng	97
56) 4-Nitrophenol	14.98	139	81544	40.058	ng	95
57) 2,4-Dinitrotoluene	15.14	165	134547	42.299	ng	89
58) Fluorene	15.82	166	390264	38.756	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	116127	41.649	ng	99
60) Diethylphthalate	15.57	149	417654	39.510	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	207546	38.625	ng	96
62) 4-Nitroaniline	15.85	138	102101	41.387	ng	100
63) Azobenzene	16.10	77	380468	39.706	ng	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	76396	42.887	ng	95
66) n-Nitrosodiphenylamine	16.02	169	354908	40.692	ng	97
67) 4-Bromophenyl-phenylether	16.70	248	136517	40.483	ng	97
68) Hexachlorobenzene	16.82	284	140190	40.105	ng	95
69) Atrazine	16.96	200	141875	41.332	ng	95
70) Pentachlorophenol	17.16	266	93386	42.302	ng	99
71) Phenanthrene	17.56	178	649142	39.118	ng	98
72) Anthracene	17.66	178	645348	39.908	ng	100
73) Carbazole	17.93	167	590137	40.480	ng	99
74) Di-n-butylphthalate	18.45	149	722819	42.141	ng	99
75) Fluoranthene	19.56	202	797382	40.659	ng	98
77) Benzidine	19.74	184	463252	46.050	ng	99
78) Pyrene	19.92	202	801475	38.907	ng	99
80) Butylbenzylphthalate	20.79	149	341108	42.740	ng	97
81) Benzo(a)anthracene	21.79	228	791418	39.833	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	300247	41.392	ng	98
83) Chrysene	21.86	228	755103	39.202	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	480808	42.871	ng	100
85) Di-n-octyl phthalate	22.90	149	814974	43.887	ng	97
86) Indeno(1,2,3-cd)pyrene	29.04	276	895397	40.976	ng	# 96
88) Benzo(b)fluoranthene	24.09	252	793514	39.848	ng	98
89) Benzo(k)fluoranthene	24.16	252	720197	38.853	ng	99
90) Benzo(a)pyrene	25.02	252	744392	40.454	ng	98
91) Dibenzo(a,h)anthracene	29.11	278	706399	39.158	ng	98
92) Benzo(g,h,i)perylene	30.27	276	720961	39.793	ng	98

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

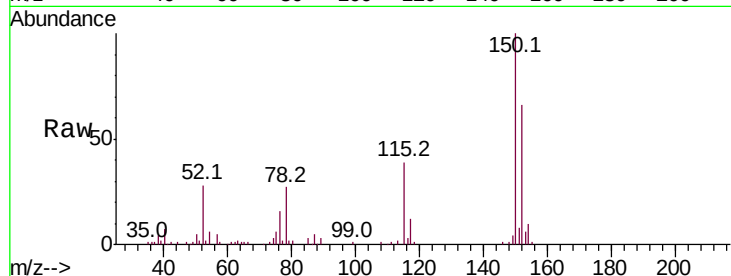


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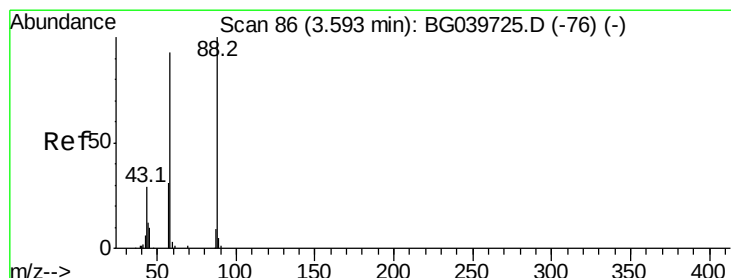
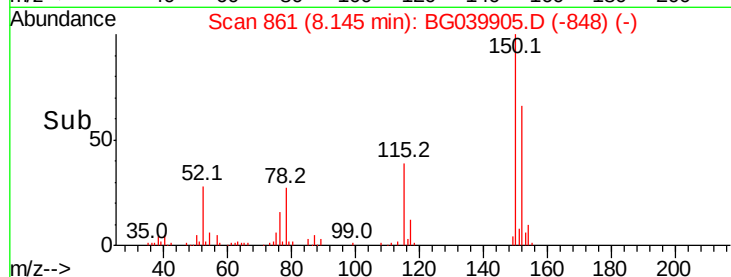
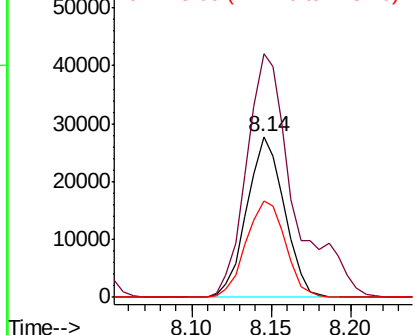
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 45605
Ion Ratio Lower Upper
152 100
150 151.2 123.7 185.5
115 59.5 45.9 68.9



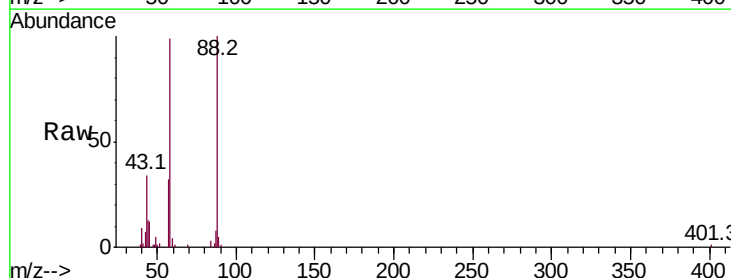
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



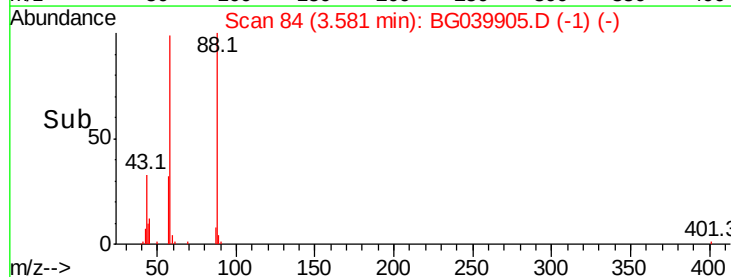
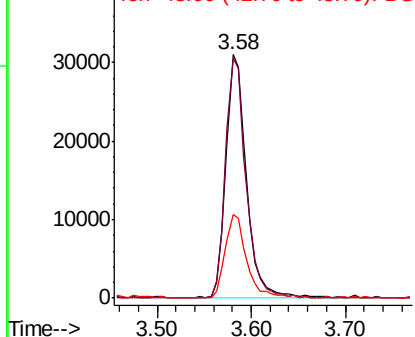
#2

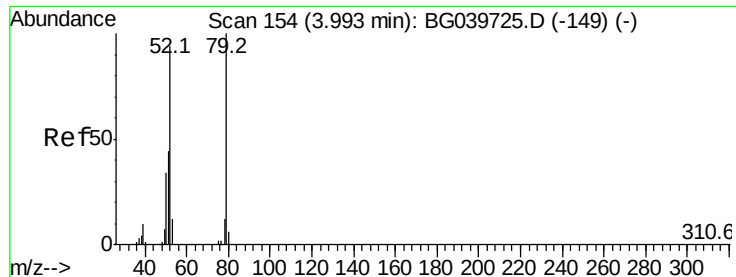
1,4-Dioxane
Concen: 38.199 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.03 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion: 88 Resp: 47143
Ion Ratio Lower Upper
88 100
58 98.5 81.1 121.7
43 36.2 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

Pvridine

Concen: 39.863 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampled :

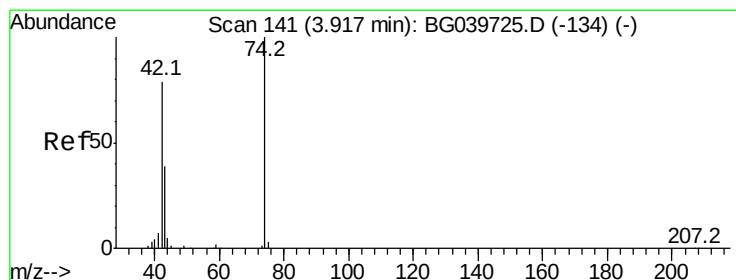
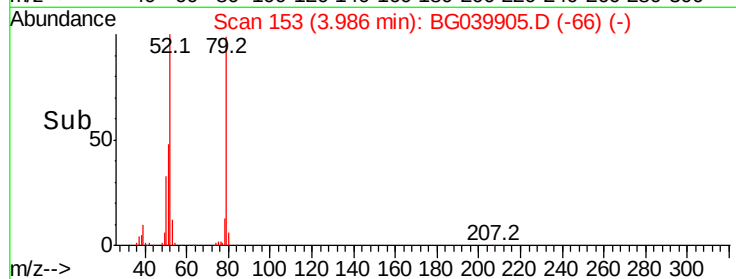
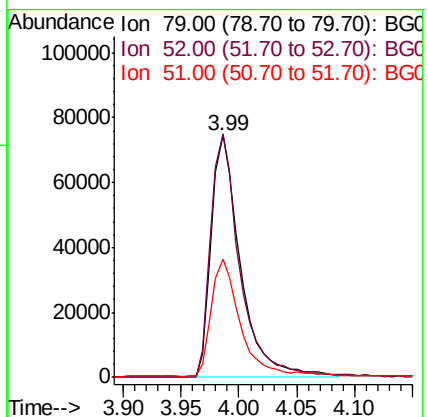
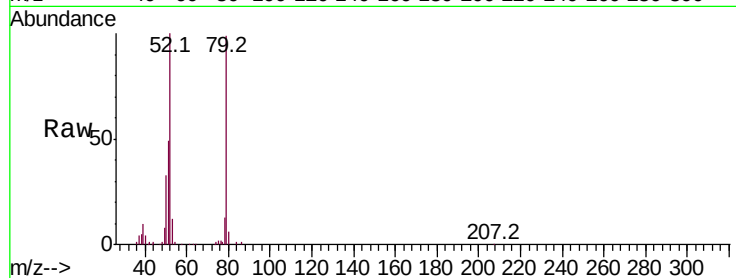
Tot Ion: 79 Resp: 131707

Ion Ratio Lower Upper

79 100

52 100.6 82.6 124.0

51 49.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 43.615 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

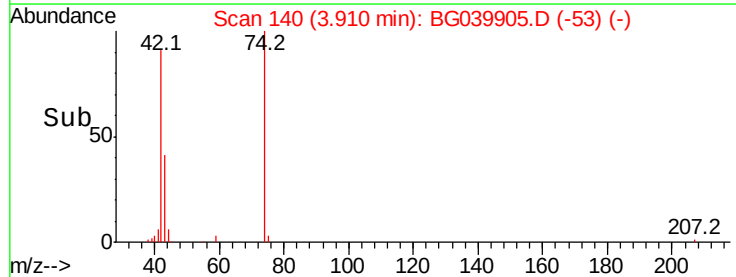
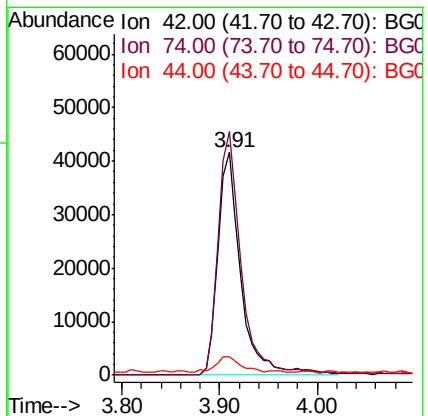
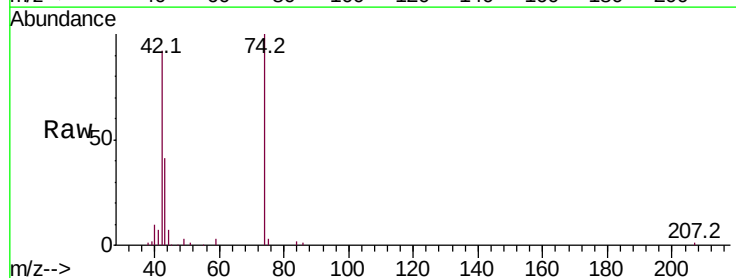
Tgt Ion: 42 Resp: 68363

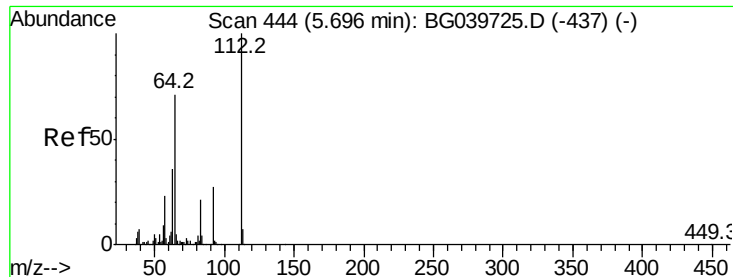
Ion Ratio Lower Upper

42 100

74 109.1 83.6 125.4

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 81.049 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampleId :

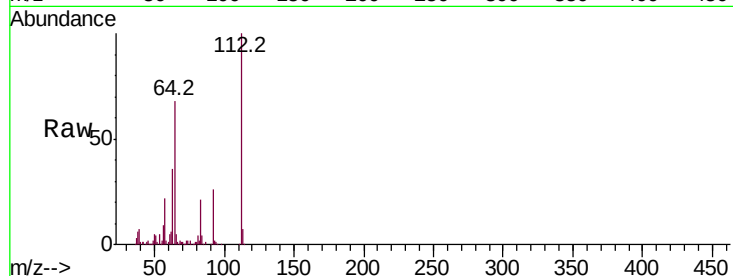
Tot Ion:112 Resp: 216661

Ion Ratio Lower Upper

112 100

64 67.6 57.8 86.8

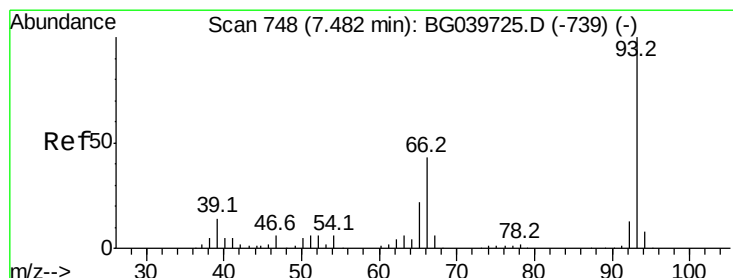
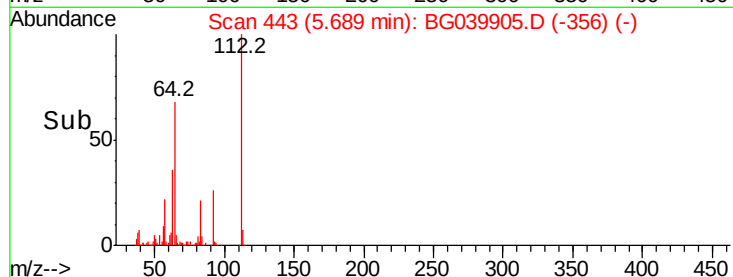
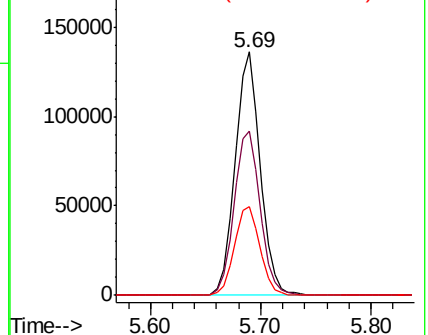
63 36.2 29.8 44.6



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: 37.782 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

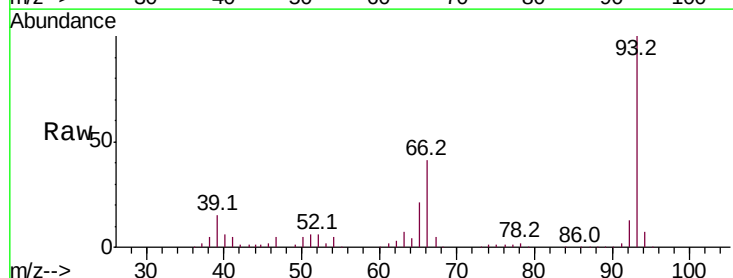
Tgt Ion: 93 Resp: 197299

Ion Ratio Lower Upper

93 100

66 41.4 34.2 51.4

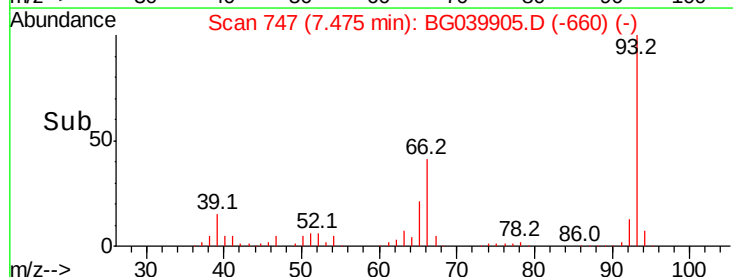
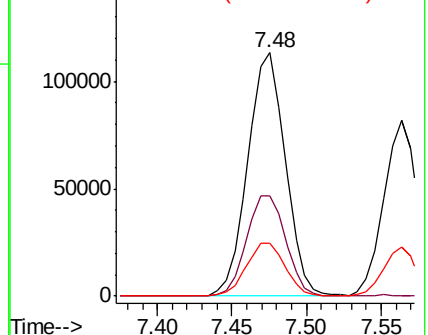
65 21.5 17.7 26.5

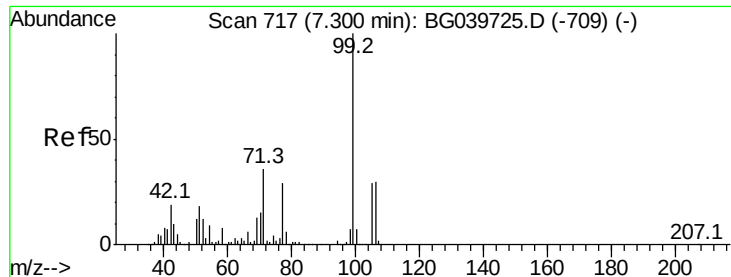


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.921 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampleId :

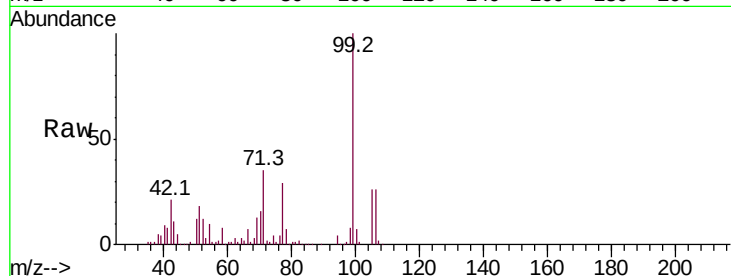
Tot Ion: 99 Resp: 306600

Ion Ratio Lower Upper

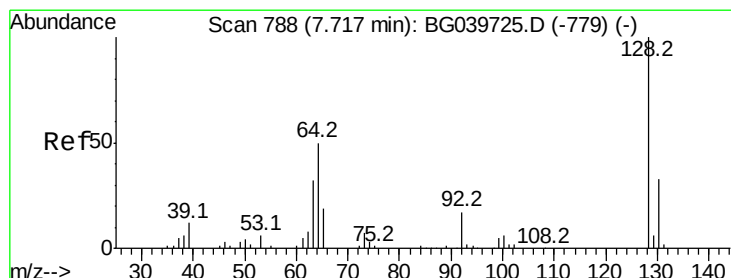
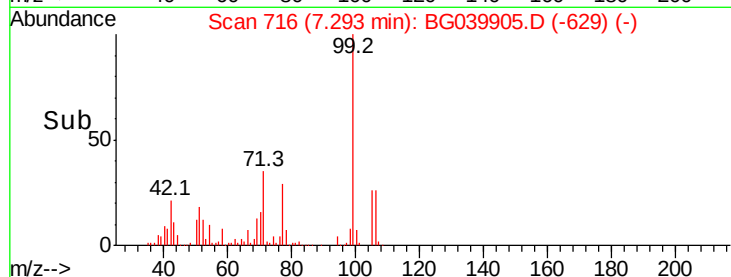
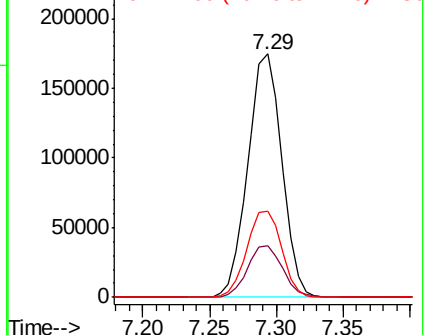
99 100

42 21.1 18.2 27.2

71 35.2 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: 38.616 ng

RT: 7.70 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

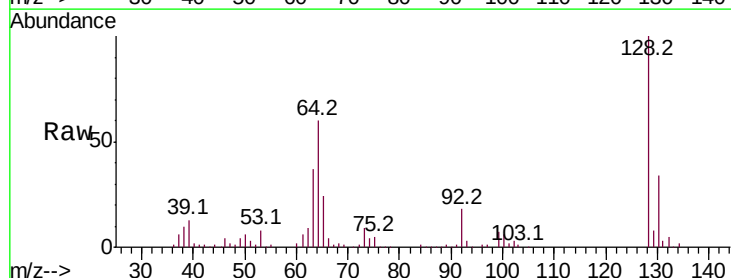
Tgt Ion: 128 Resp: 125234

Ion Ratio Lower Upper

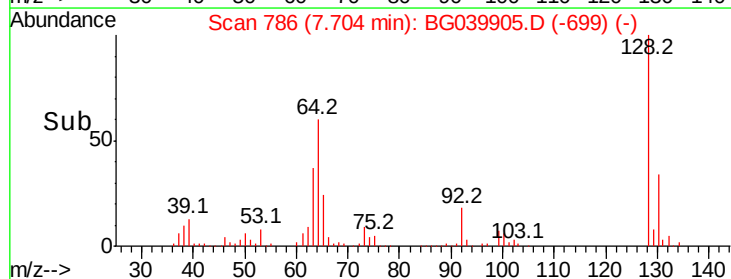
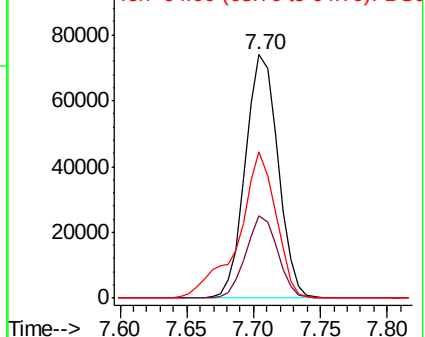
128 100

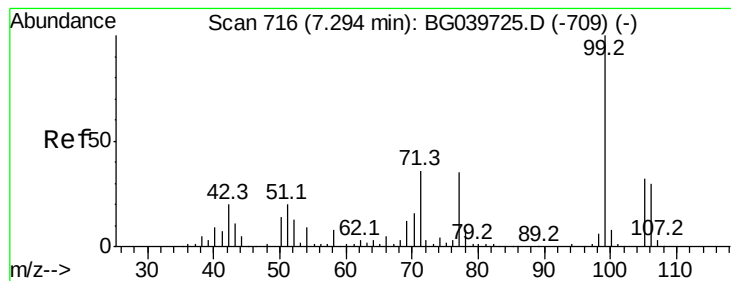
130 33.6 12.9 52.9

64 59.9 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: 35.991 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampleId :

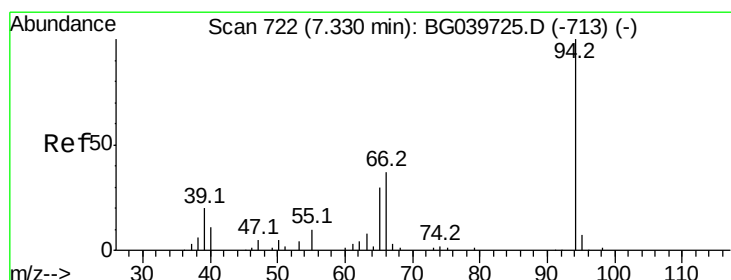
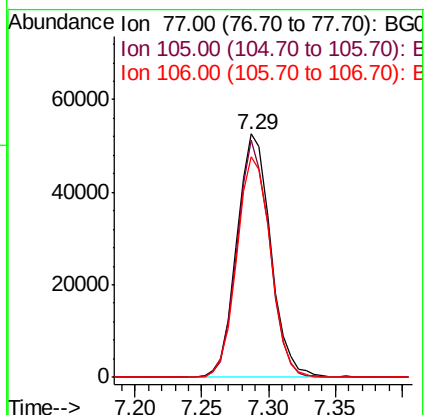
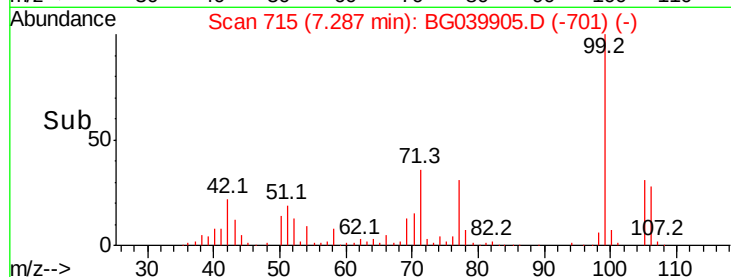
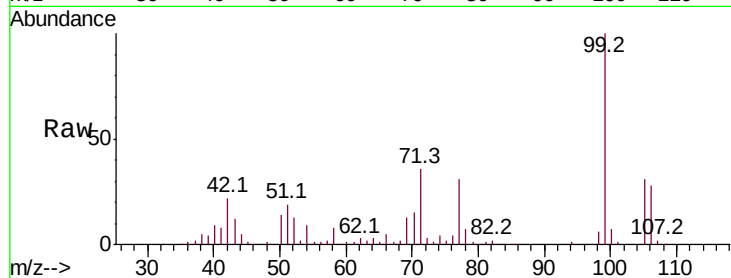
Tot Ion: 77 Resp: 92537

Ion Ratio Lower Upper

77 100

105 97.6 74.5 114.5

106 90.6 68.0 108.0



#10

Phenol

Concen: 38.431 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

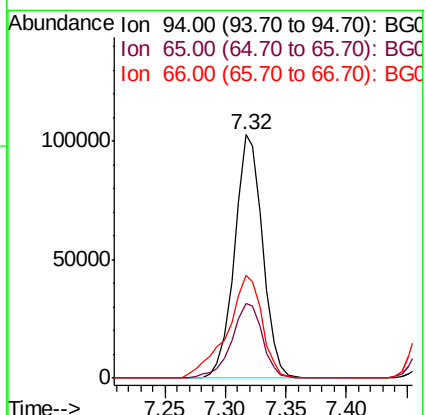
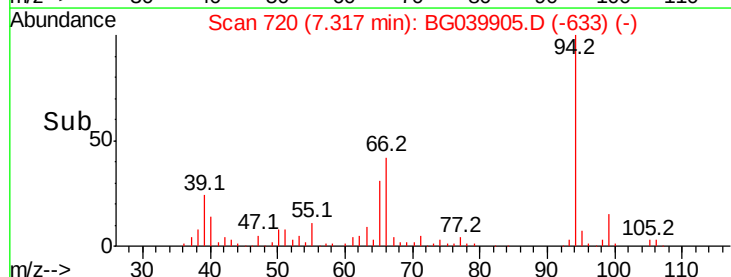
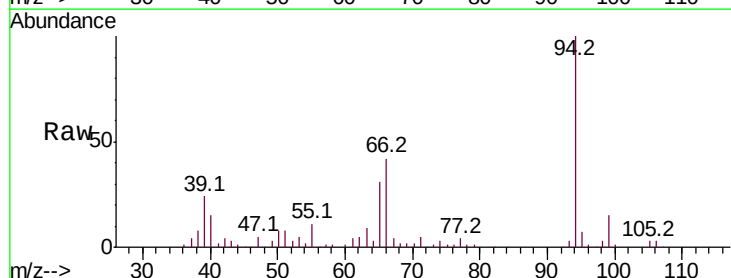
Tgt Ion: 94 Resp: 165944

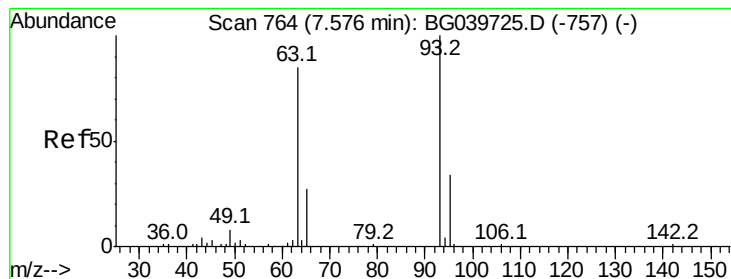
Ion Ratio Lower Upper

94 100

65 30.5 11.7 51.7

66 42.4 23.7 63.7





#11

bis(2-Chloroethyl)ether

Concen: 38.728 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampleId :

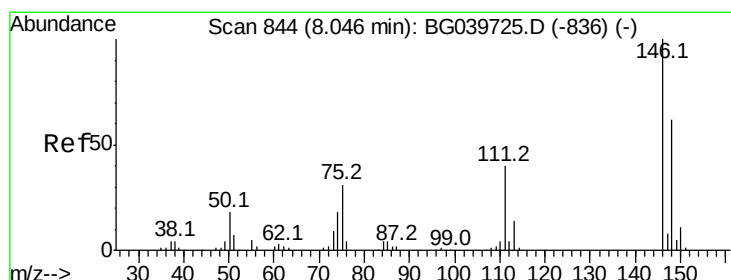
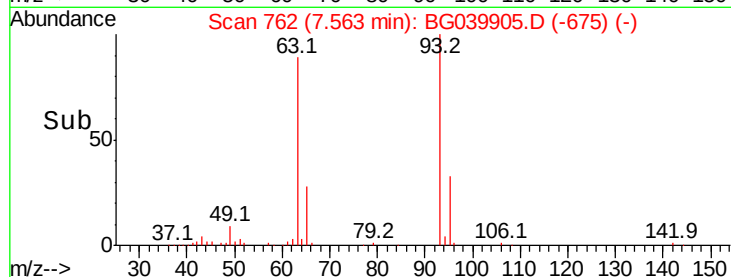
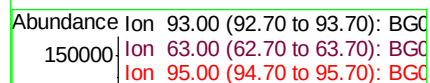
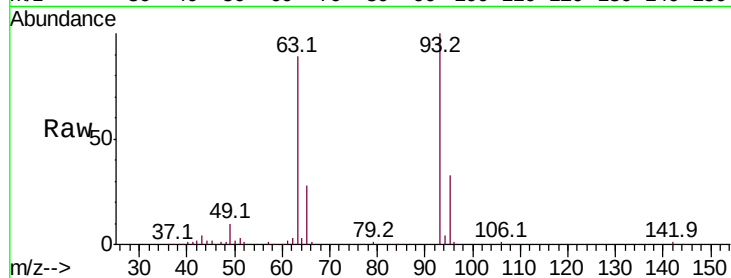
Tot Ion: 93 Resp: 130383

Ion Ratio Lower Upper

93 100

63 89.5 69.5 109.5

95 32.9 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.903 ng

RT: 8.03 min Scan# 842

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

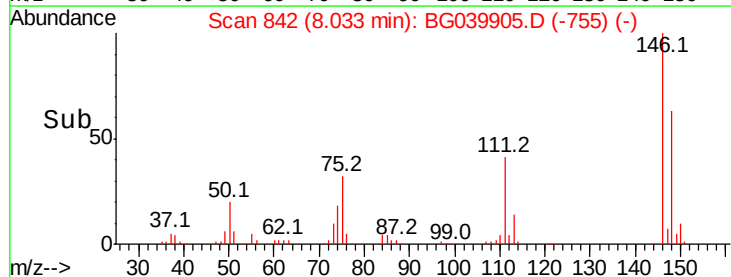
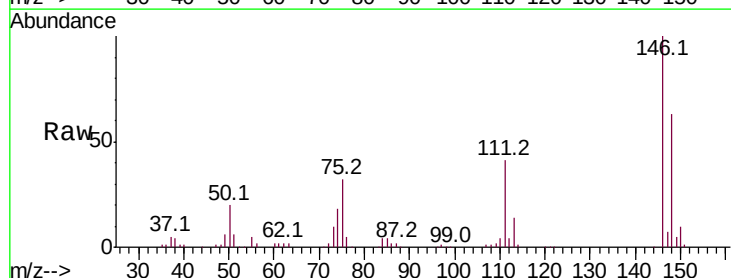
Tgt Ion: 146 Resp: 146357

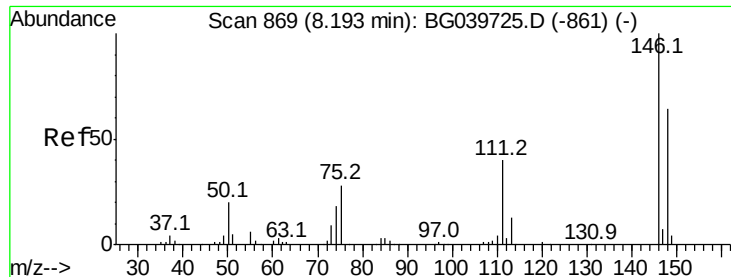
Ion Ratio Lower Upper

146 100

148 63.0 52.6 79.0

75 32.5 25.8 38.6

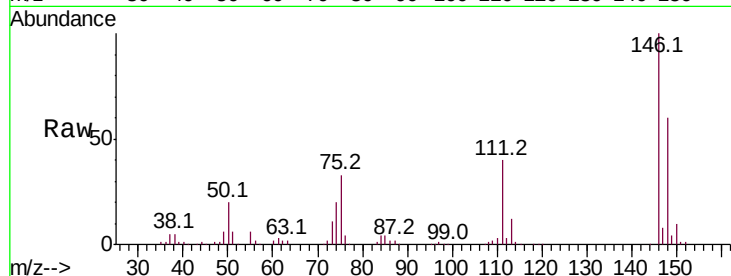




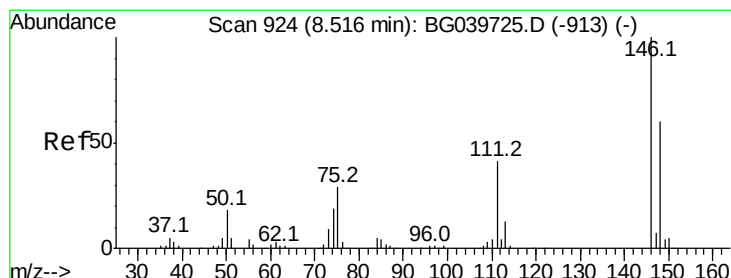
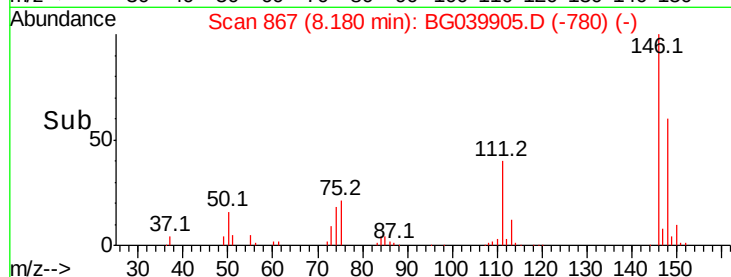
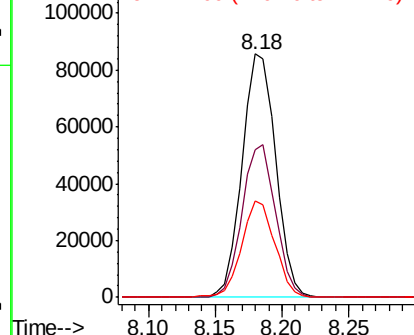
#13
 1,4-Dichlorobenzene
 Concen: 39.812 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 148739
 Ion Ratio Lower Upper
 146 100
 148 60.4 51.1 76.7
 111 39.7 32.6 48.8

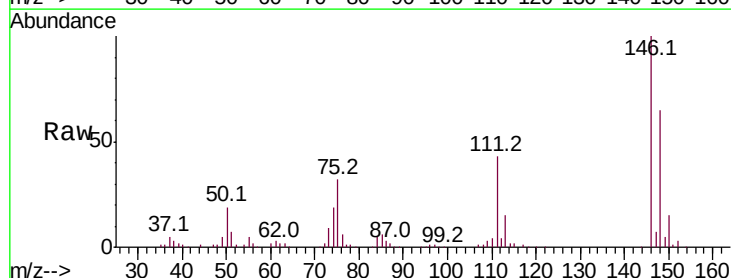


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

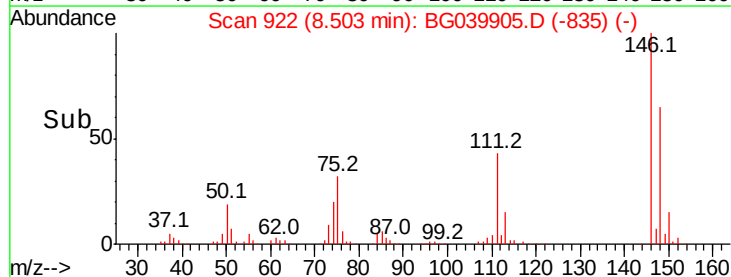
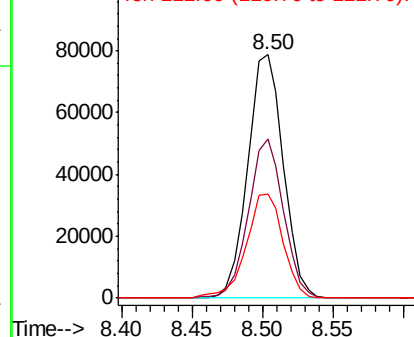


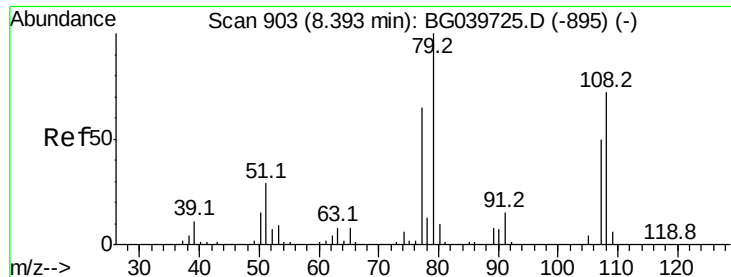
#14
 1,2-Dichlorobenzene
 Concen: 38.490 ng
 RT: 8.50 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

Tgt Ion:146 Resp: 138936
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.5 77.3
 111 43.0 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: 38.574 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampleId :

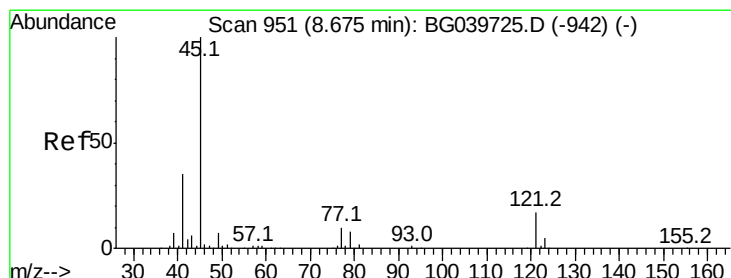
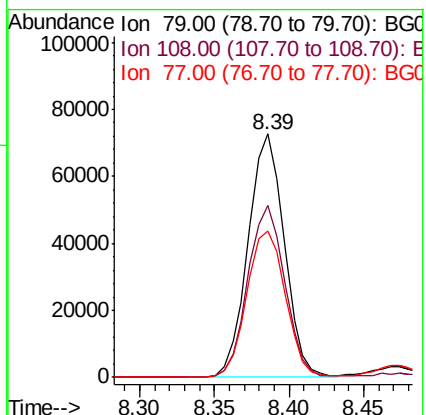
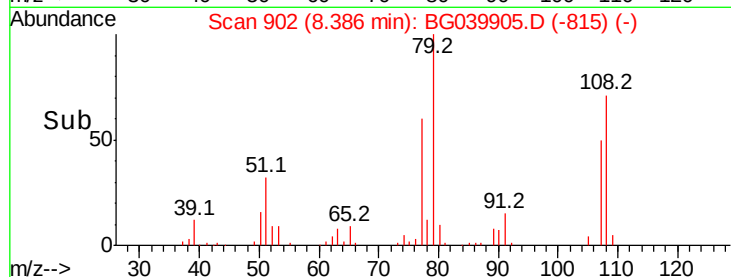
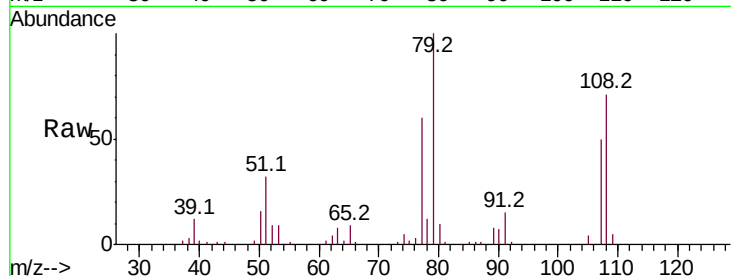
Tot Ion: 79 Resp: 121964

Ion Ratio Lower Upper

79 100

108 70.5 57.8 86.6

77 60.3 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.073 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

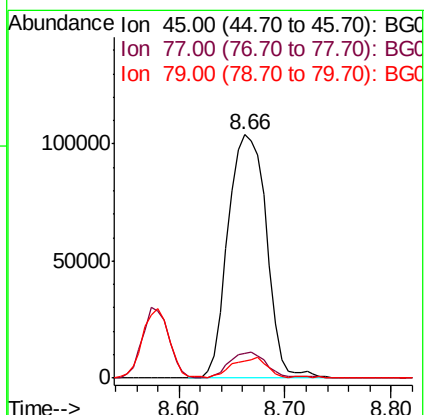
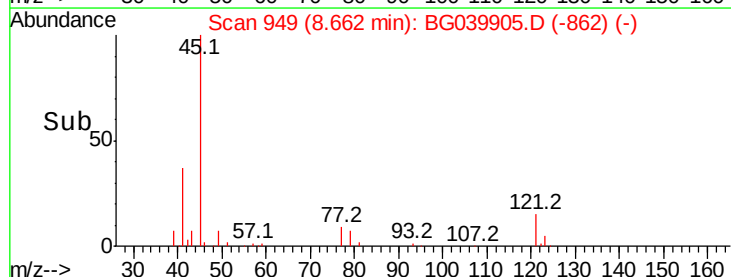
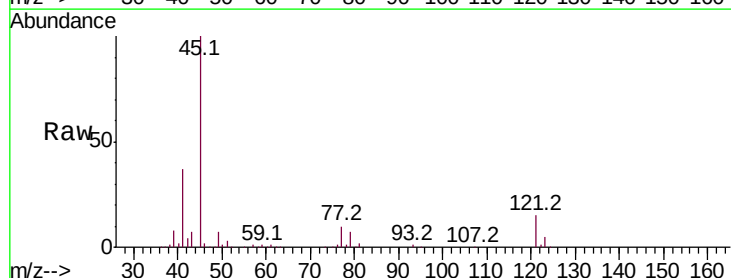
Tgt Ion: 45 Resp: 263090

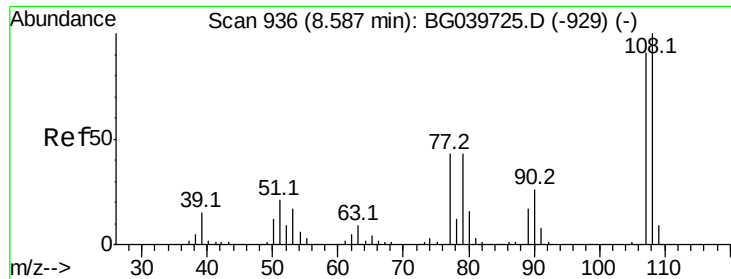
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.0

79 7.2 0.0 27.5

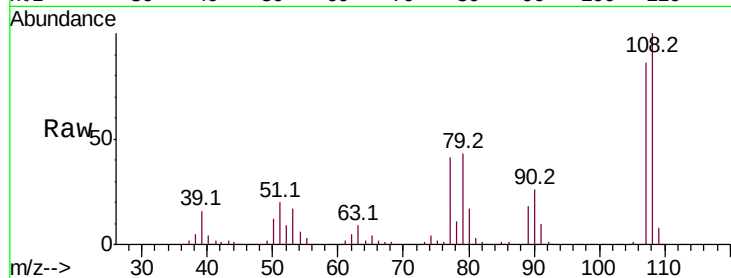




#17
2-Methylphenol
Concen: 38.080 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	104846
Ion	Ratio	Lower	Upper
107	100		
108	115.8	90.8	136.2
77	48.0	40.7	61.1
79	49.5	40.6	60.8



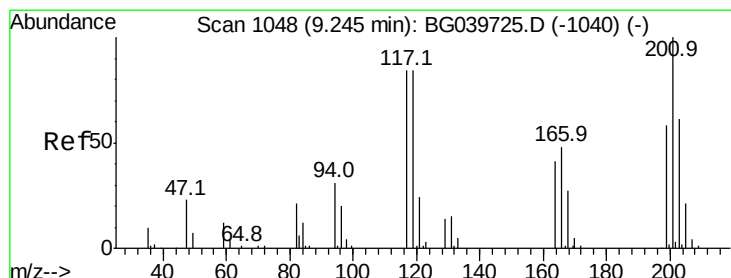
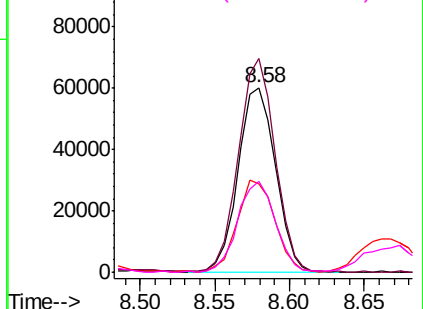
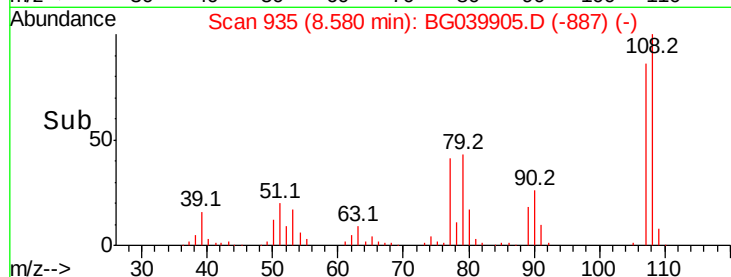
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

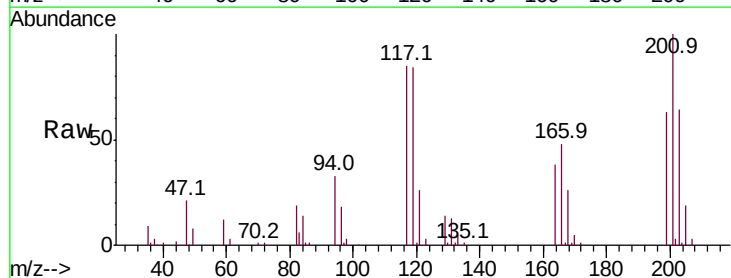
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 40.404 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion:	117	Resp:	54163
Ion	Ratio	Lower	Upper
117	100		
119	99.4	76.3	114.5
201	117.7	91.1	136.7

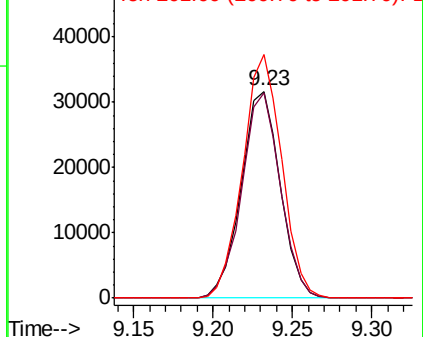
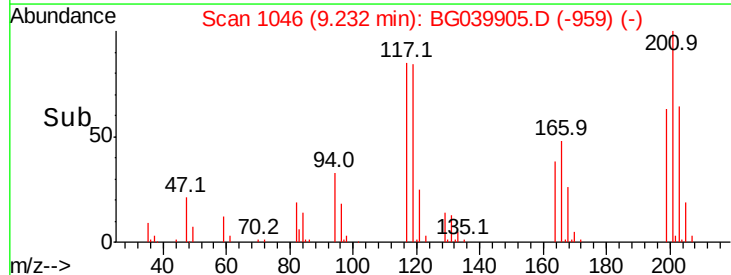


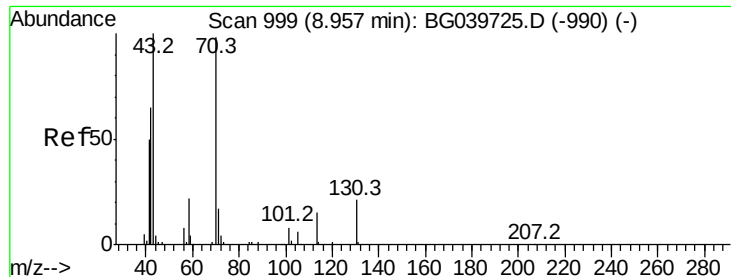
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

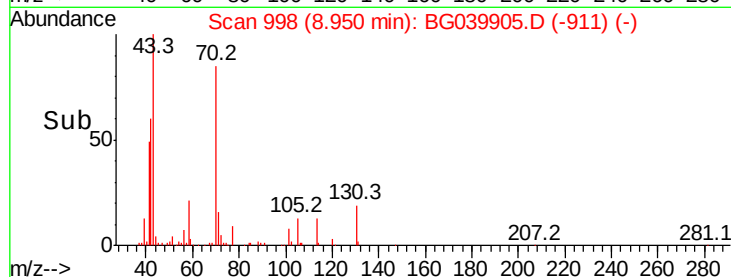
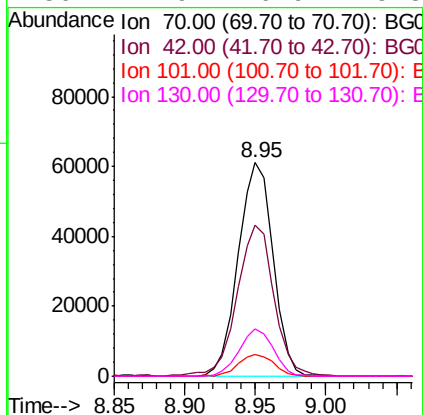
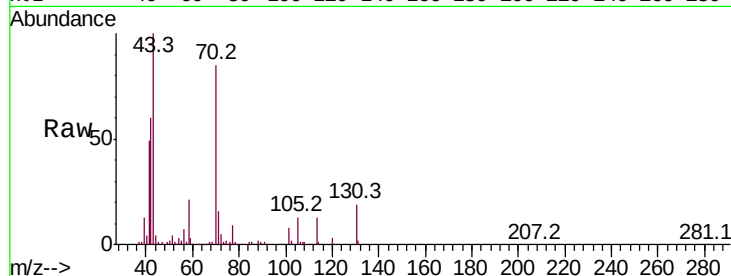




#19
n-Nitroso-di-n-propylamine
Concen: 36.725 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

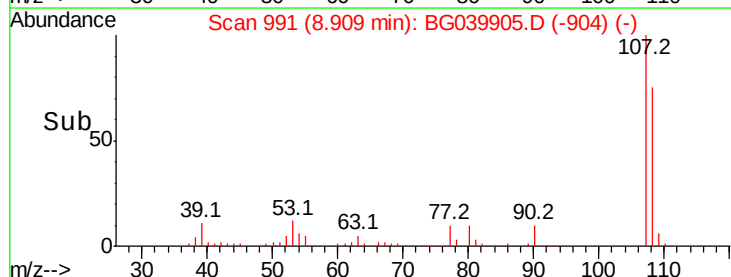
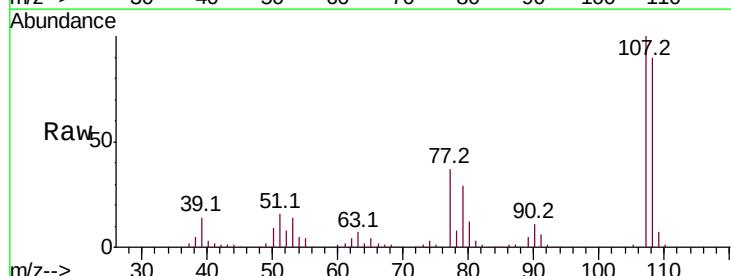
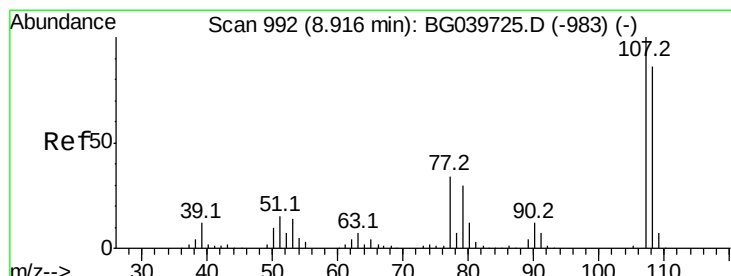
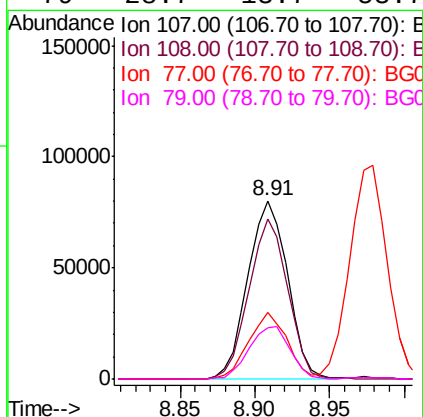
Instrument :
BNA_G
ClientSampleId :

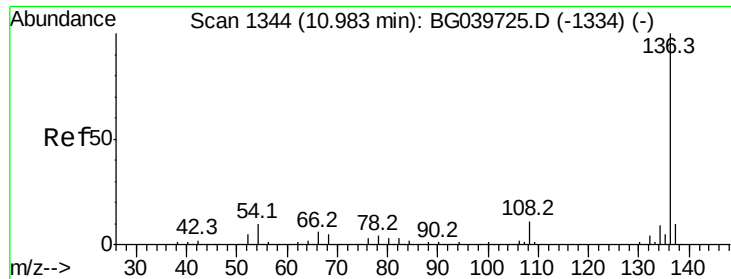
Tot Ion: 70 Resp: 105363
Ion Ratio Lower Upper
70 100
42 70.8 60.4 90.6
101 9.9 7.5 11.3
130 21.9 16.9 25.3



#20
3+4-Methylphenols
Concen: 38.442 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion:107 Resp: 147040
Ion Ratio Lower Upper
107 100
108 89.5 67.9 107.9
77 37.0 15.4 55.4
79 28.7 13.7 53.7

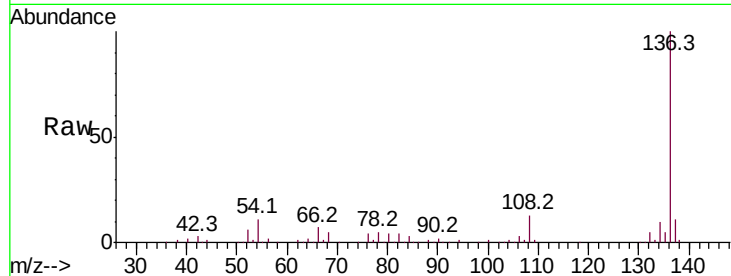




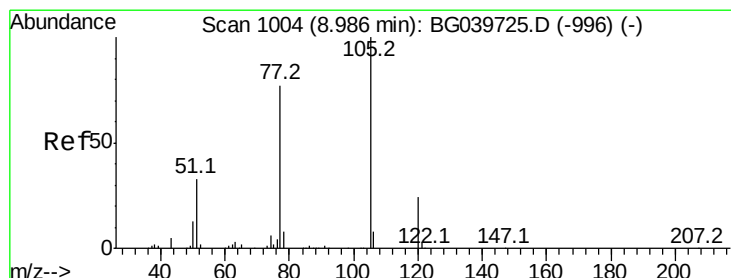
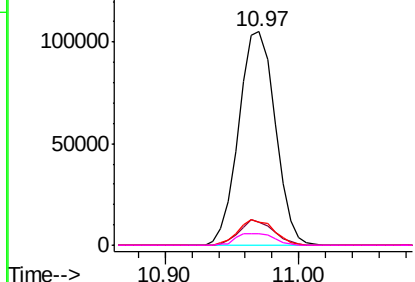
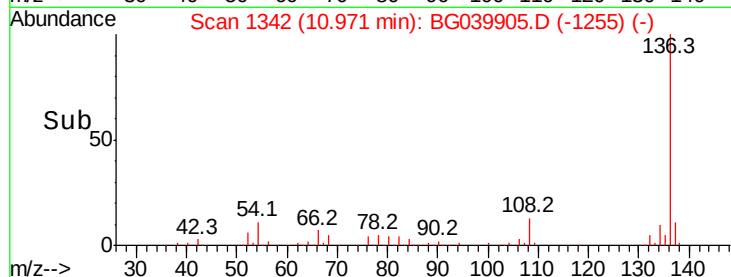
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	199365
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	10.7	9.4 14.2
68	5.3	4.2 6.4

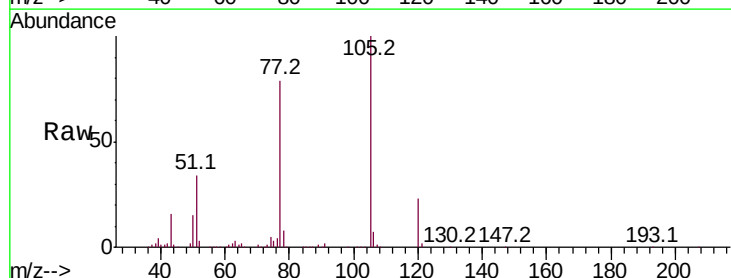


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

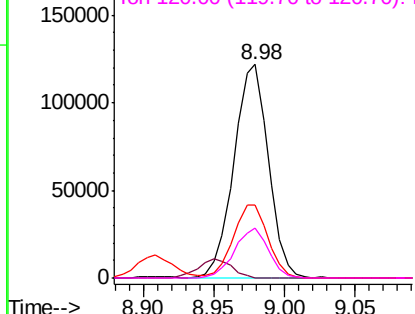
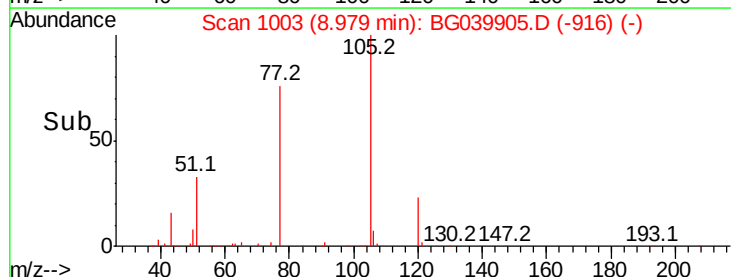


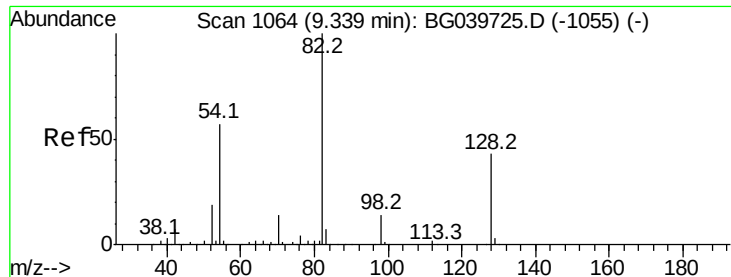
#22
Acetophenone
Concen: 38.928 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion:105	Resp:	208299
Ion Ratio	Lower	Upper
105	100	
71	0.2	0.8 1.2#
51	34.1	30.2 45.2
120	23.3	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

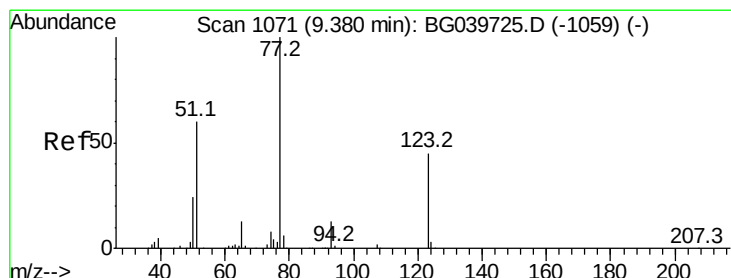
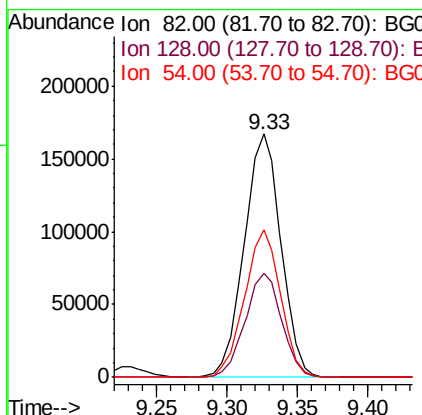
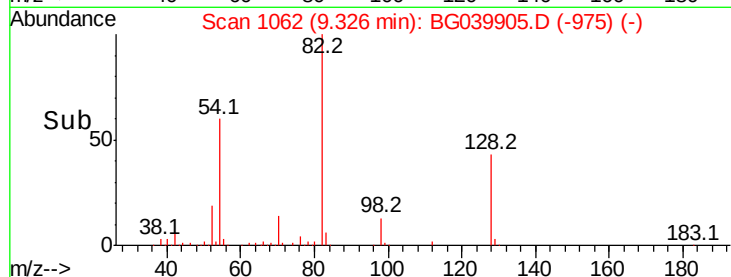
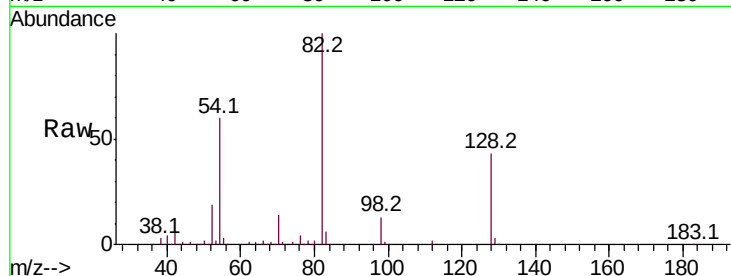




#23
Nitrobenzene-d5
Concen: 82.662 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

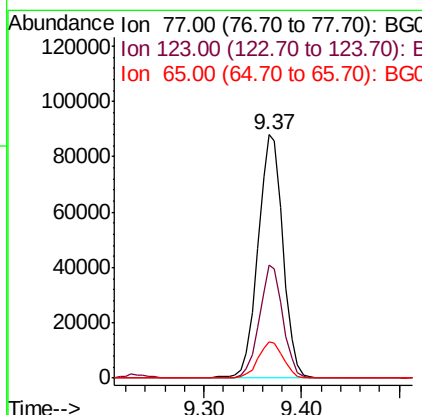
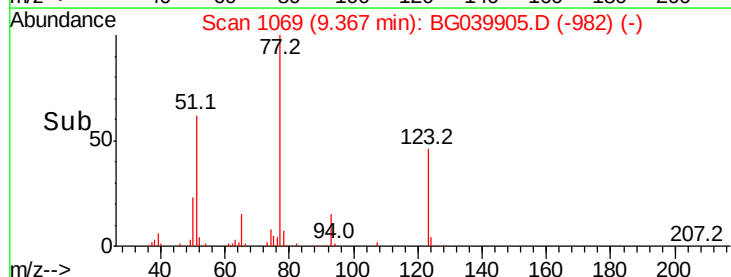
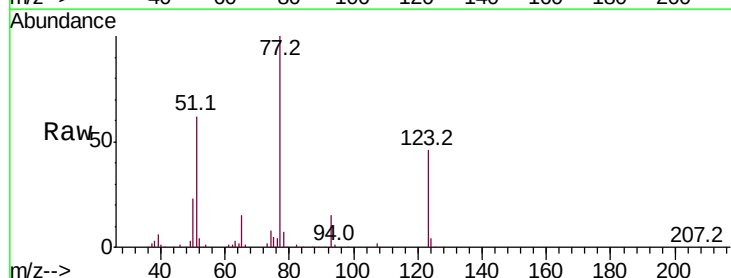
Instrument :
BNA_G
ClientSampleId :

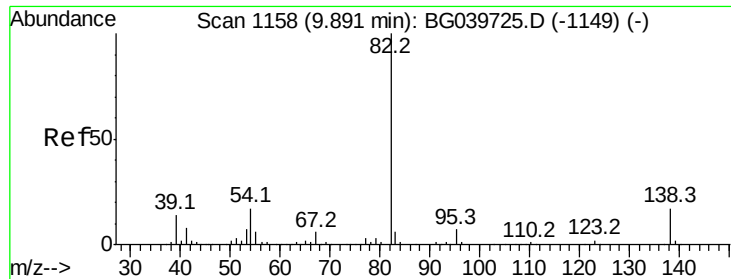
Tot Ion: 82 Resp: 304711
Ion Ratio Lower Upper
82 100
128 42.5 31.3 46.9
54 60.5 50.9 76.3



#24
Nitrobenzene
Concen: 40.865 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion: 77 Resp: 158029
Ion Ratio Lower Upper
77 100
123 46.2 34.1 51.1
65 14.7 12.3 18.5





#25

Isophorone

Concen: 38.999 ng

RT: 9.88 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampleId :

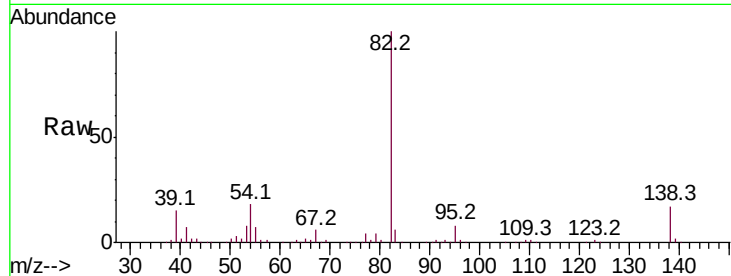
Tot Ion: 82 Resp: 301220

Ion Ratio Lower Upper

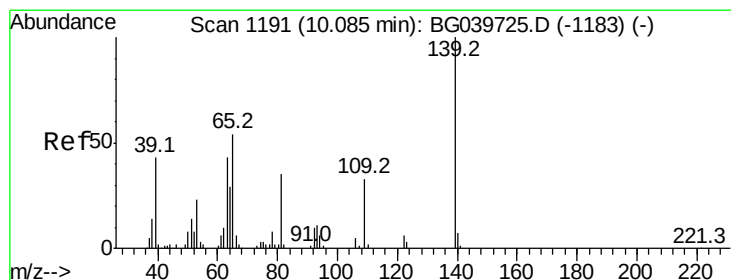
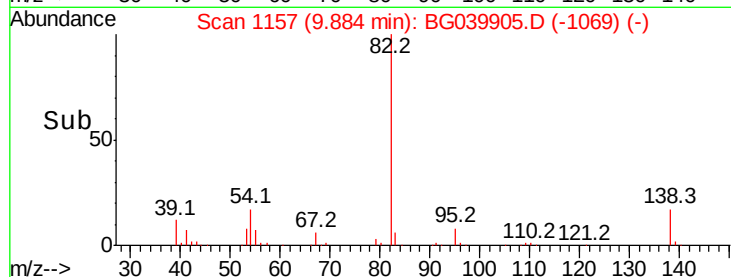
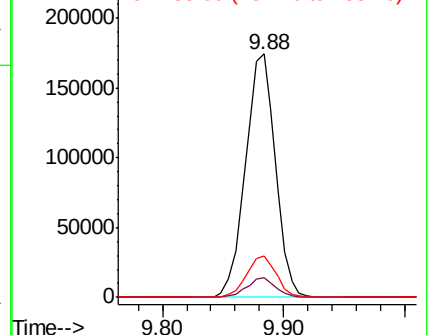
82 100

95 8.0 6.2 9.2

138 17.0 13.0 19.4



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



#26

2-Nitrophenol

Concen: 42.314 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

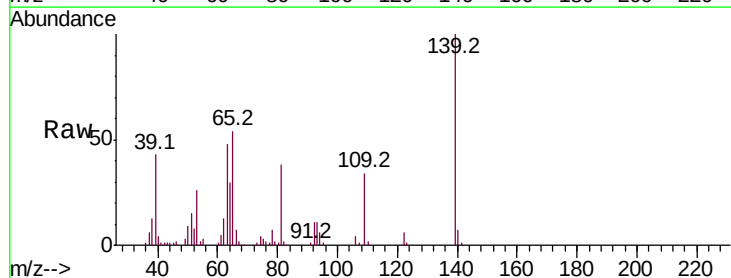
Tgt Ion: 139 Resp: 79005

Ion Ratio Lower Upper

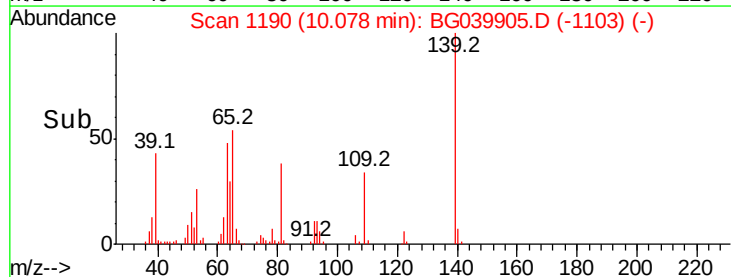
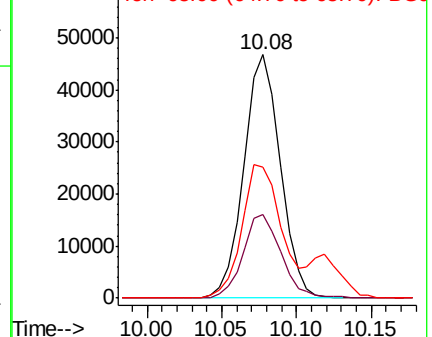
139 100

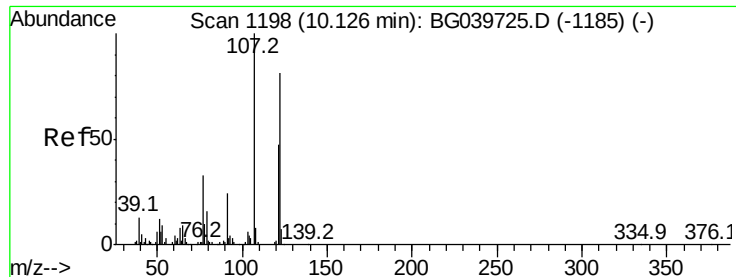
109 34.2 23.4 35.0

65 53.6 44.3 66.5



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

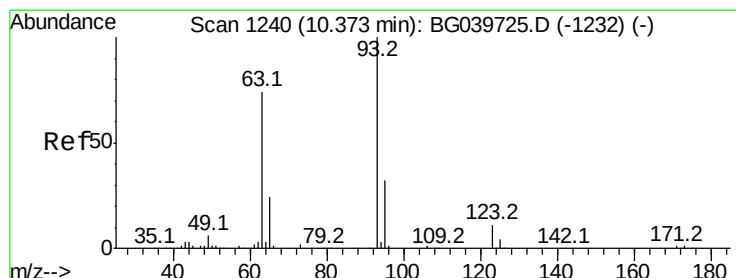
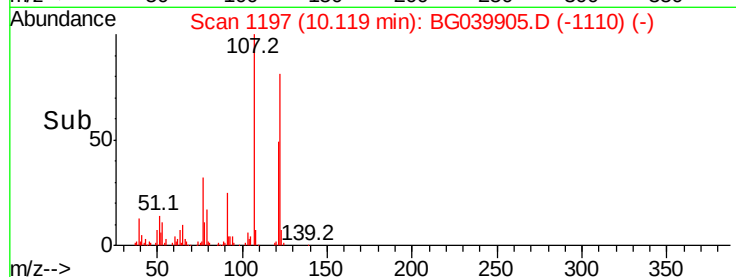
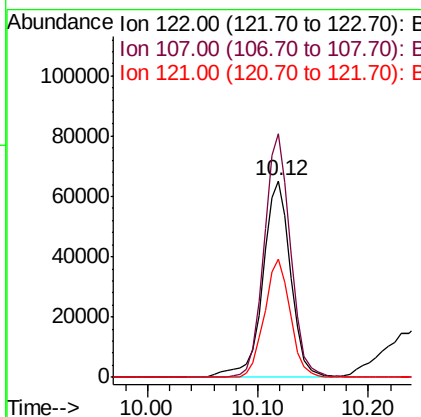
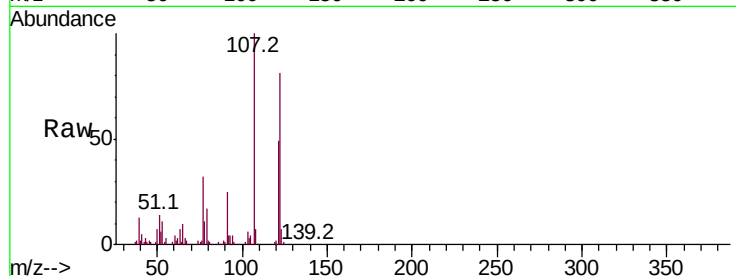




#27
2,4-Dimethylphenol
Concen: 39.613 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

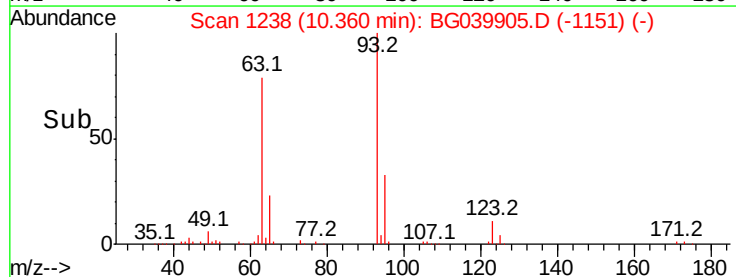
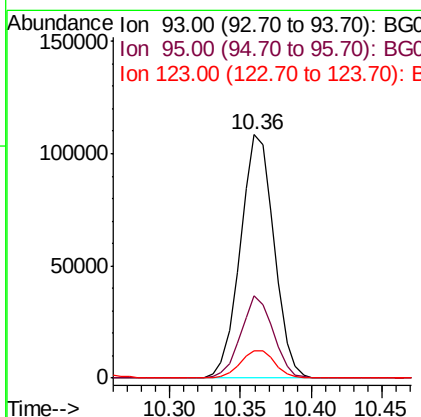
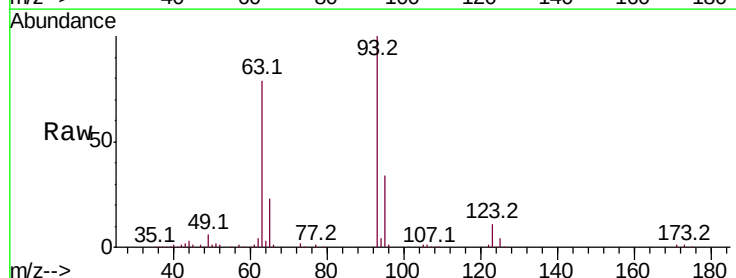
Instrument :
BNA_G
ClientSampled :

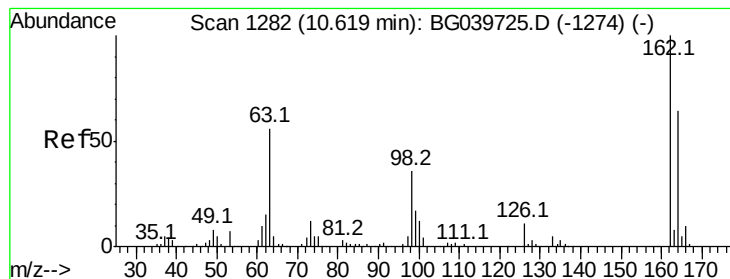
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.8	91.7	137.5
121	60.1	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.669 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.0	37.4
123	11.3	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 40.386 ng

RT: 10.61 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampleId :

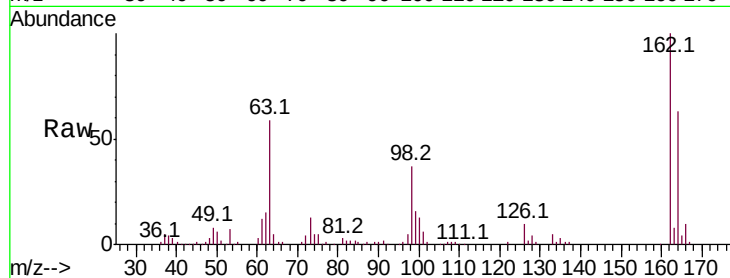
Tot Ion:162 Resp: 132038

Ion Ratio Lower Upper

162 100

164 62.9 48.1 88.1

98 36.9 18.1 58.1

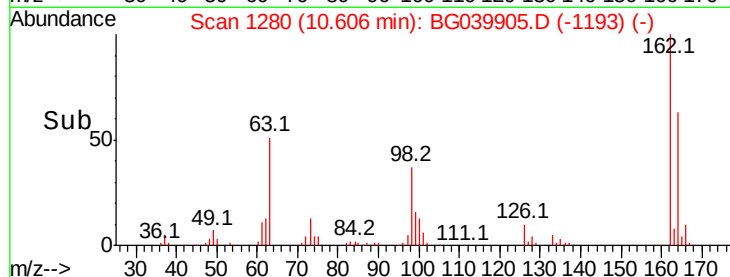


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

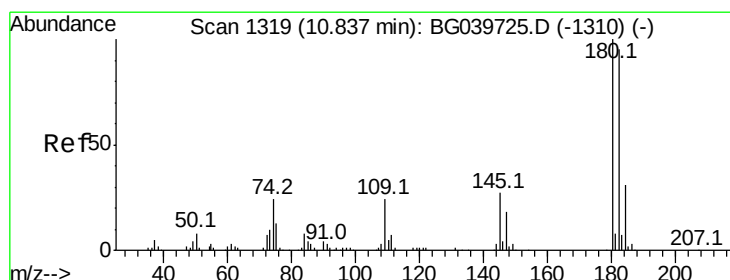
Ion 98.00 (97.70 to 98.70): B

Time-->



10.61

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 39.771 ng

RT: 10.82 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

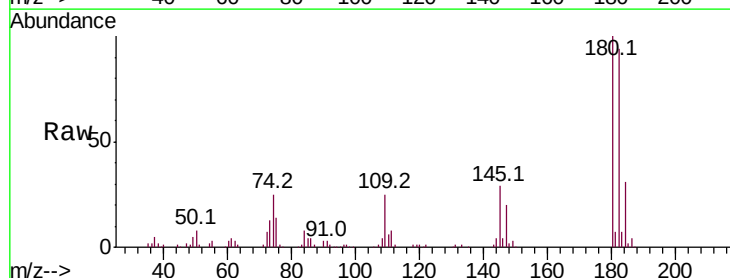
Tgt Ion:180 Resp: 146318

Ion Ratio Lower Upper

180 100

182 93.5 76.0 114.0

145 29.1 22.7 34.1

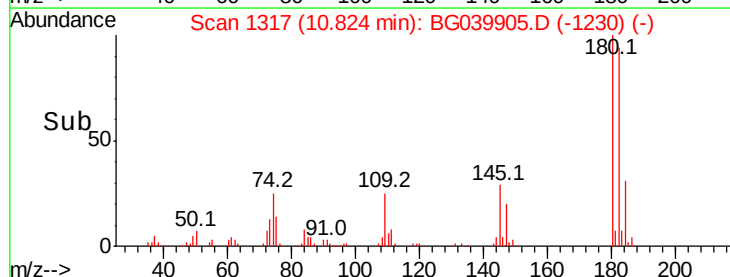


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

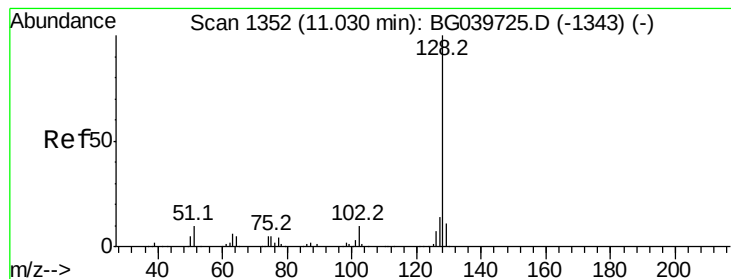
Ion 145.00 (144.70 to 145.70): E

Time-->



10.82

Time-->



#31

Naphthalene

Concen: 38.621 ng

RT: 11.02 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampleId :

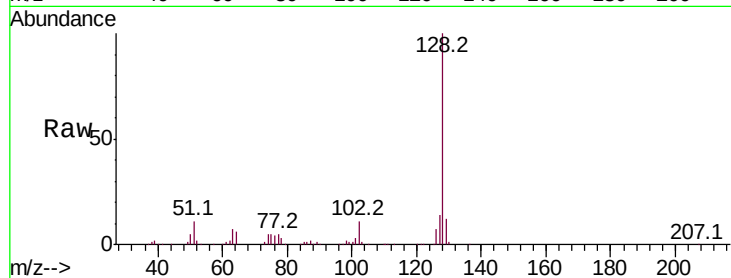
Tot Ion:128 Resp: 407667

Ion Ratio Lower Upper

128 100

129 11.6 8.7 13.1

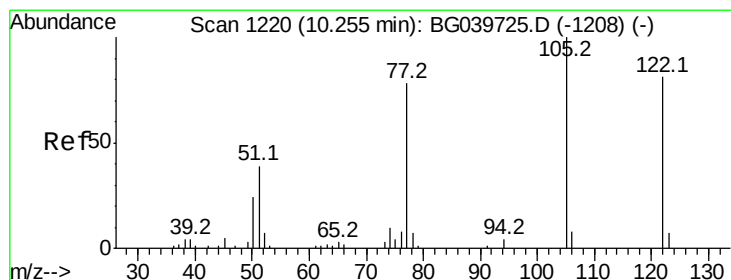
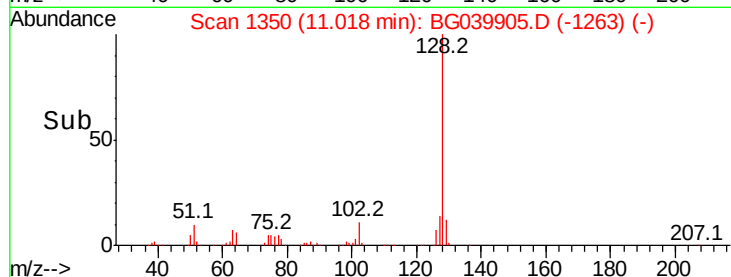
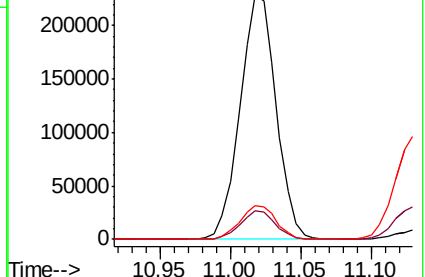
127 13.6 10.8 16.2



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: 37.759 ng

RT: 10.25 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

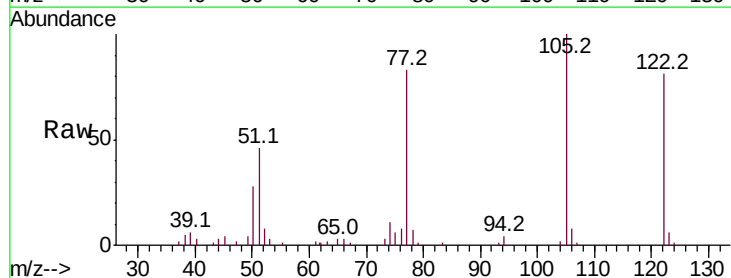
Tgt Ion:122 Resp: 72030

Ion Ratio Lower Upper

122 100

105 123.2 101.8 141.8

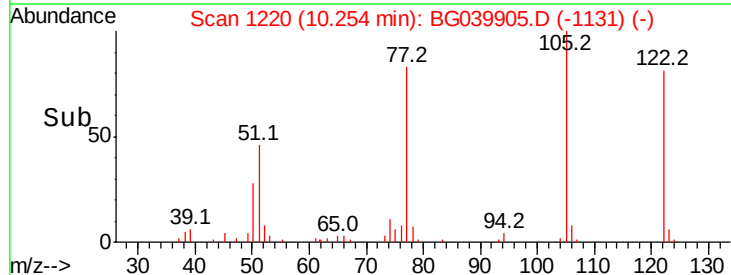
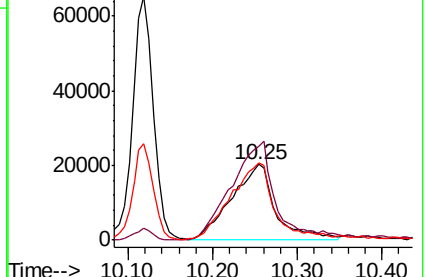
77 101.9 76.3 116.3

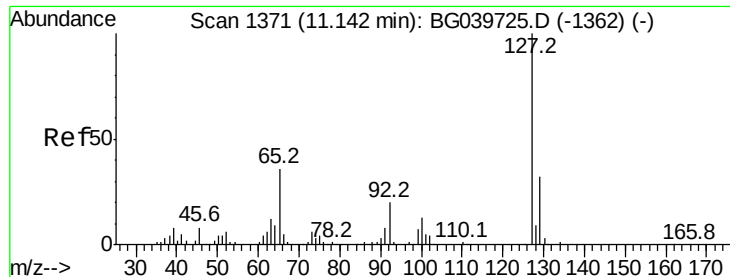


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

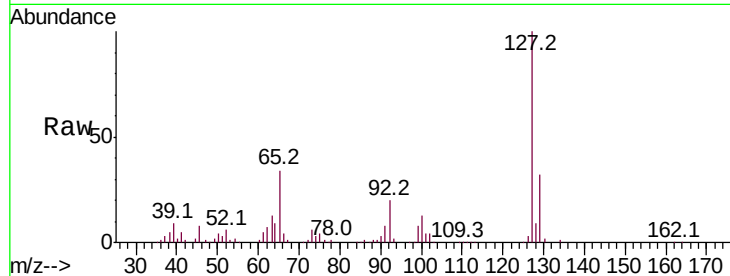




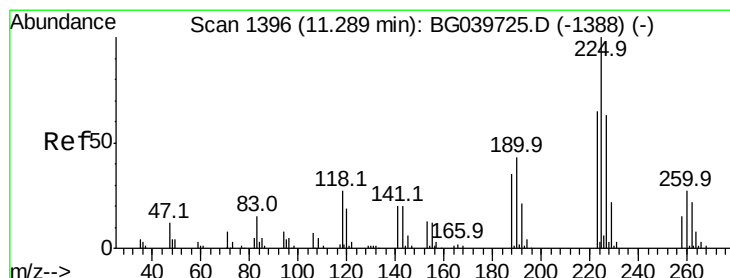
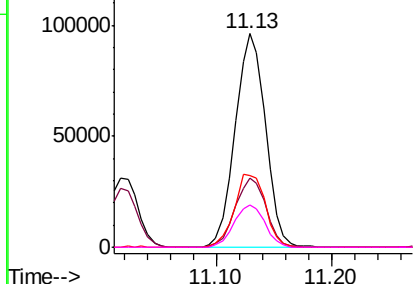
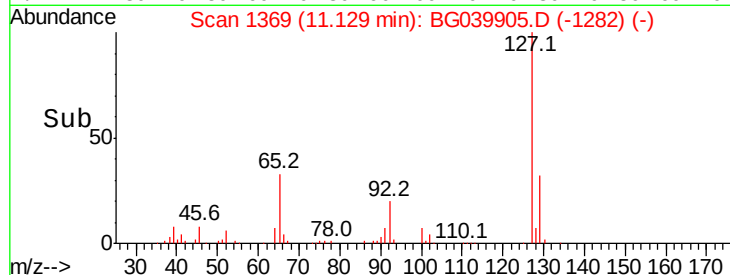
#33
4-Chloroaniline
Concen: 39.039 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	174736
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.0	40.4
65	33.5	28.8	43.2
92	19.7	16.6	25.0

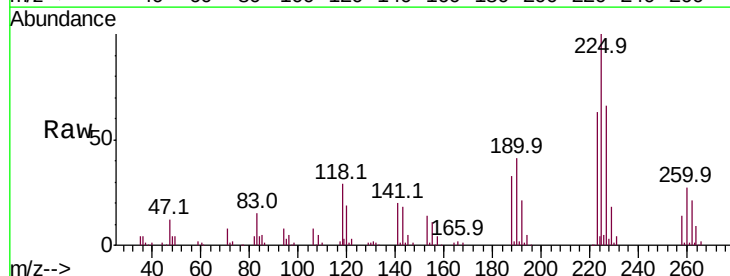


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

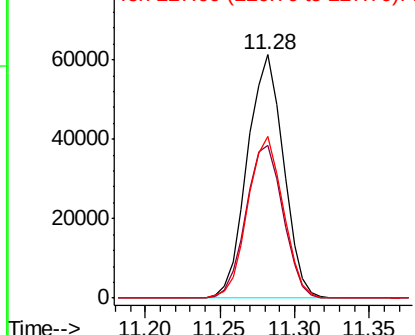
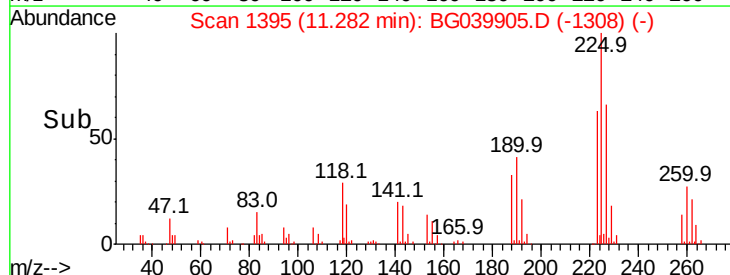


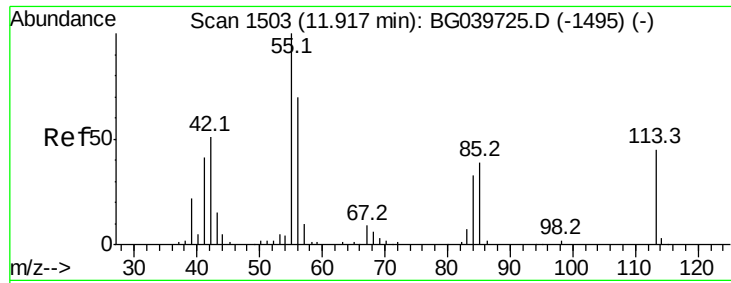
#34
Hexachlorobutadiene
Concen: 40.819 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion:	225	Resp:	102619
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.0	73.6
227	66.2	46.3	69.5



Abundance Ion 225.00 (224.70 to 225.70): E
80000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

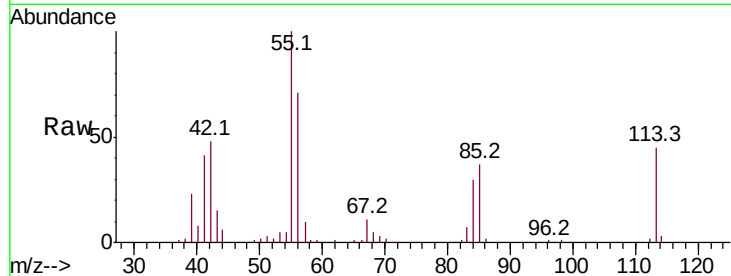




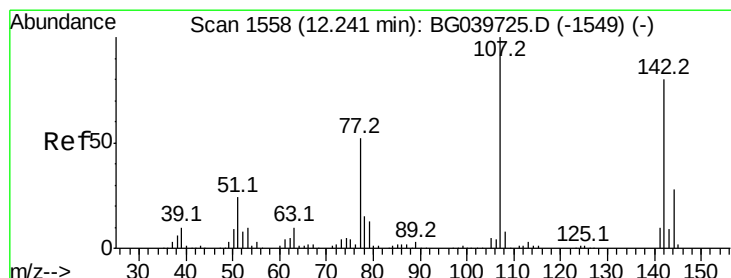
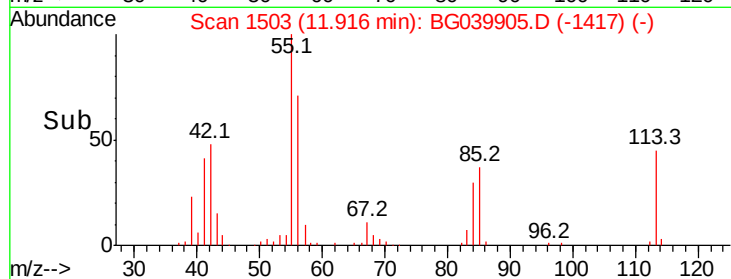
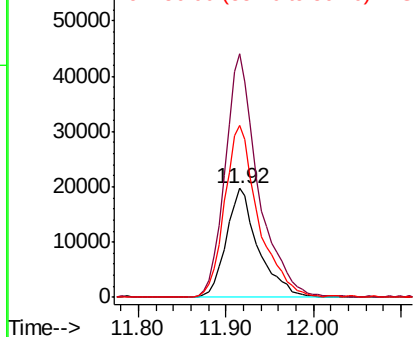
#35
 Caprolactam
 Concen: 39.758 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.03 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 49654
 Ion Ratio Lower Upper
 113 100
 55 224.1 216.9 256.9
 56 158.4 152.6 192.6

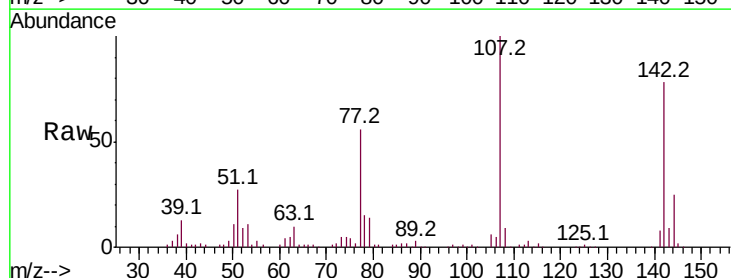


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

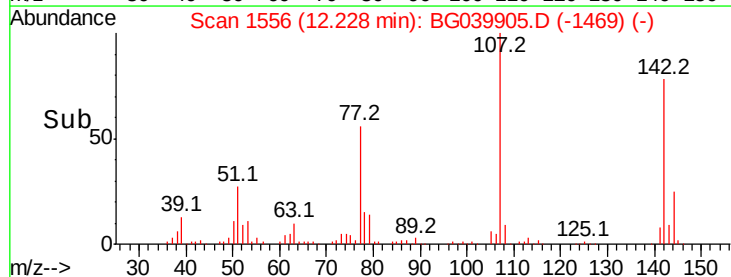
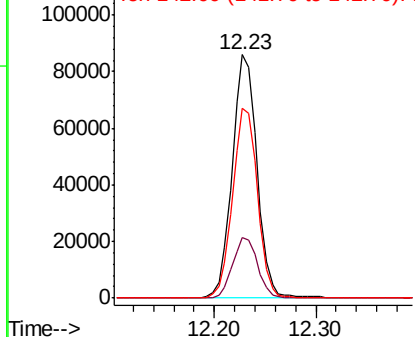


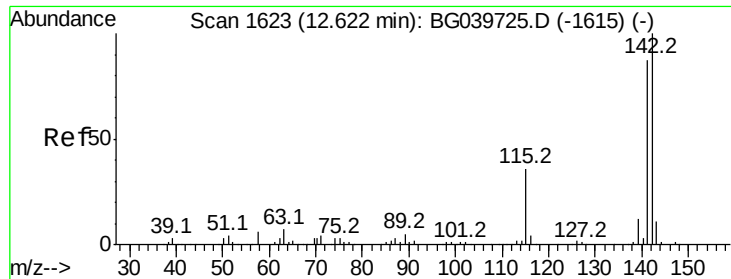
#36
 4-Chloro-3-methylphenol
 Concen: 38.928 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

Tgt Ion:107 Resp: 145894
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 77.8 61.4 92.2



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

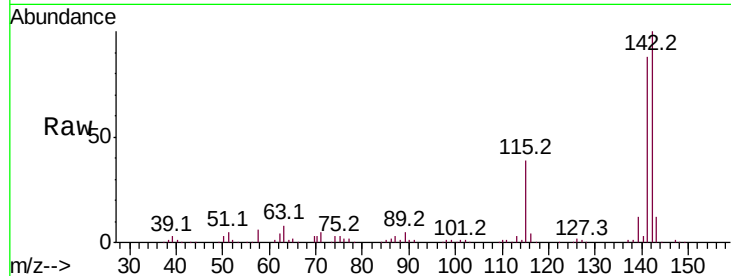




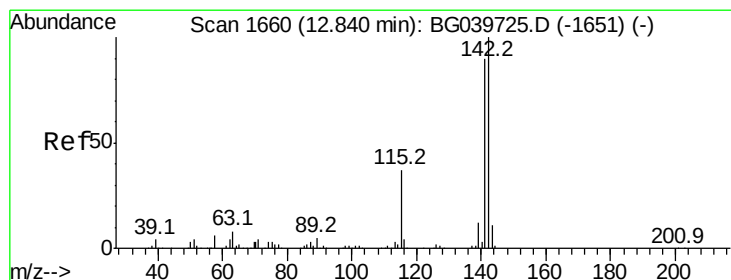
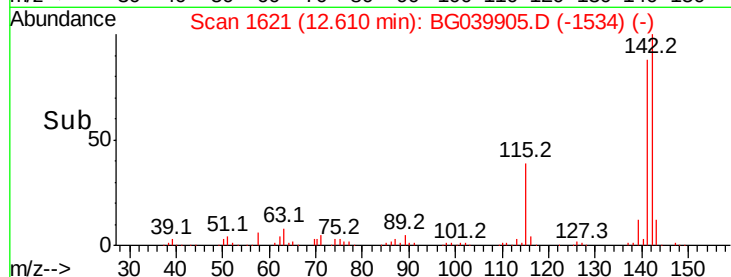
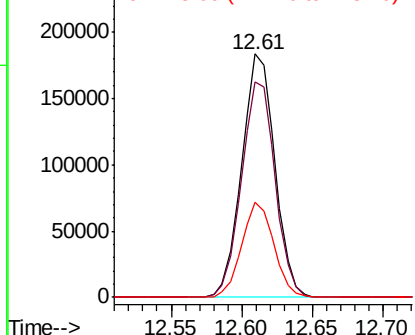
#37
 2-Methylnaphthalene
 Concen: 38.269 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:142 Resp: 302003
 Ion Ratio Lower Upper
 142 100
 141 88.4 73.5 110.3
 115 38.8 30.8 46.2

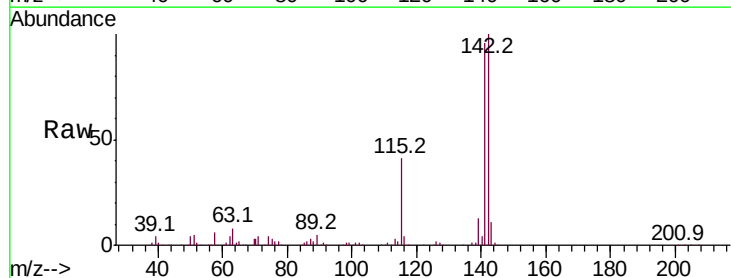


Abundance Ion 142.00 (141.70 to 142.70): E
 250000
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

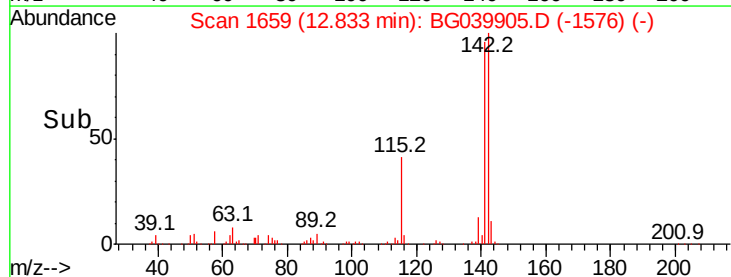
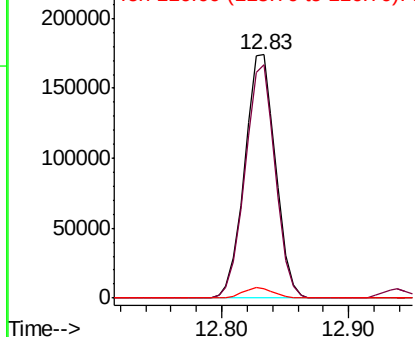


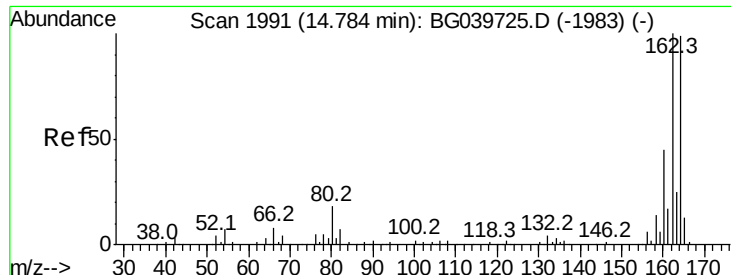
#38
 1-Methylnaphthalene
 Concen: 38.275 ng
 RT: 12.83 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

Tgt Ion:142 Resp: 293534
 Ion Ratio Lower Upper
 142 100
 141 95.8 74.2 111.4
 116 3.9 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
 200000
 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: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampled :

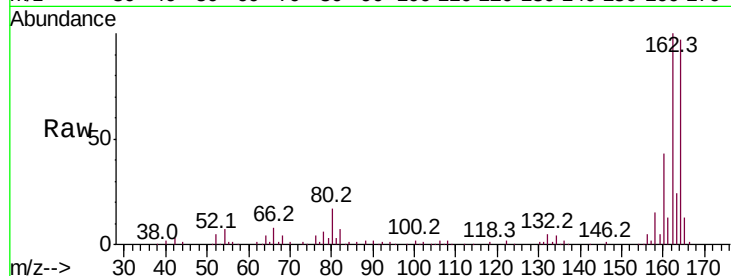
Tot Ion:164 Resp: 127703

Ion Ratio Lower Upper

164 100

162 103.4 81.6 122.4

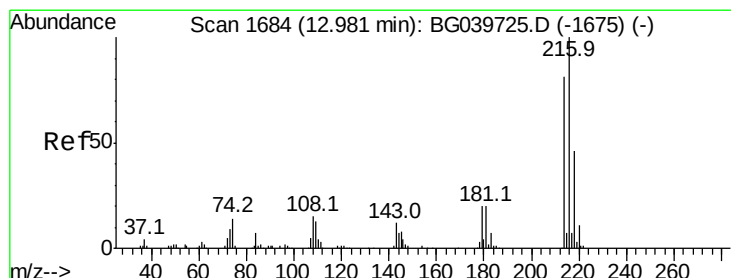
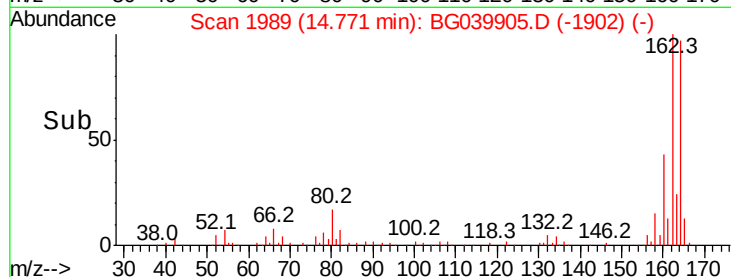
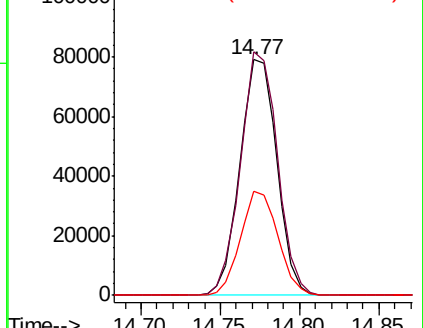
160 44.4 34.2 51.2



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: 40.800 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Tgt Ion:216 Resp: 176513

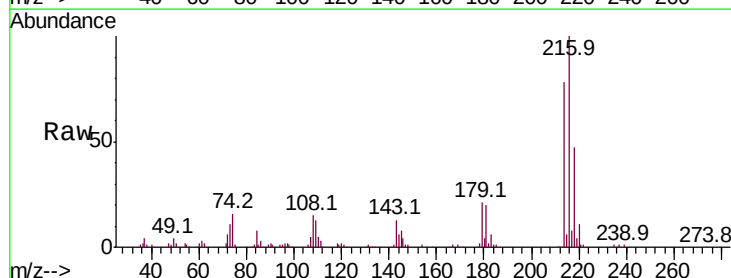
Ion Ratio Lower Upper

216 100

214 79.1 62.6 94.0

179 21.2 16.6 25.0

108 16.5 14.0 21.0

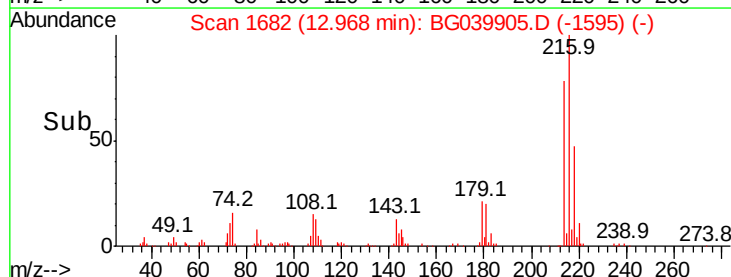
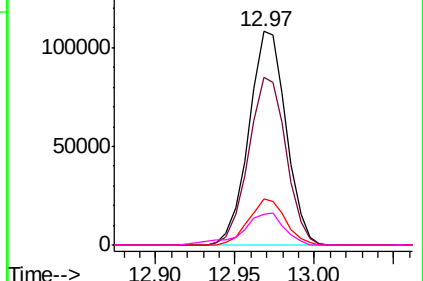


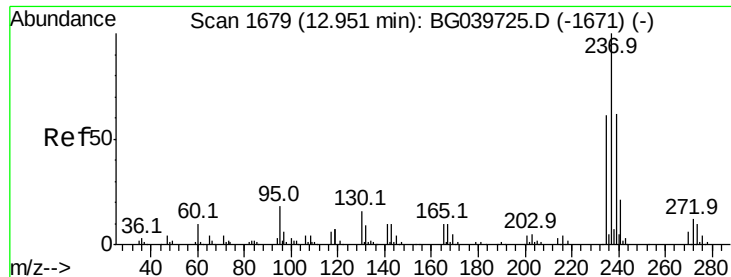
Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.149 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampled :

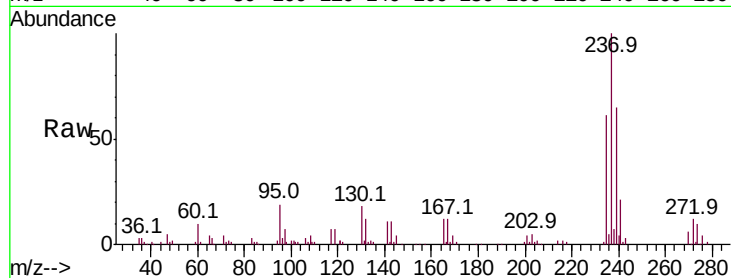
Tot Ion:237 Resp: 100040

Ion Ratio Lower Upper

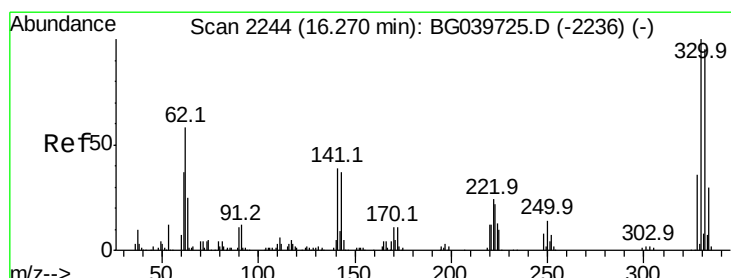
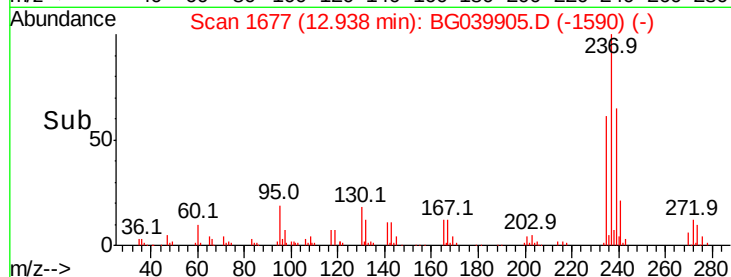
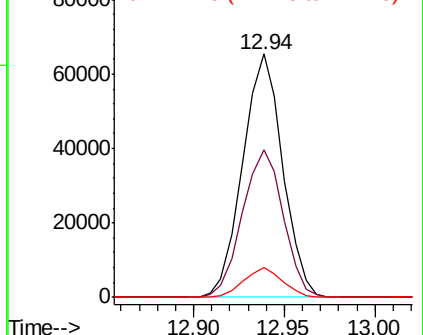
237 100

235 60.6 43.3 83.3

272 12.4 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: 83.971 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

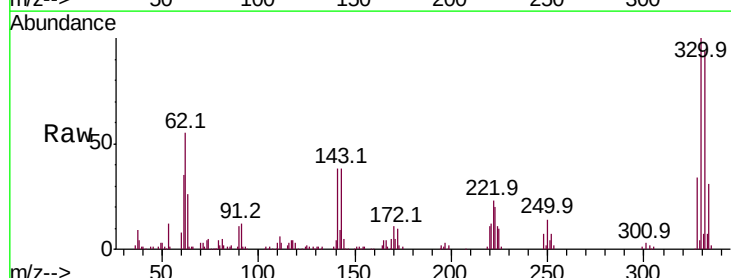
Tgt Ion:330 Resp: 124988

Ion Ratio Lower Upper

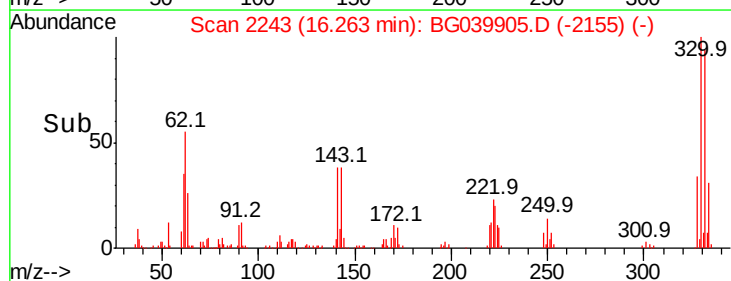
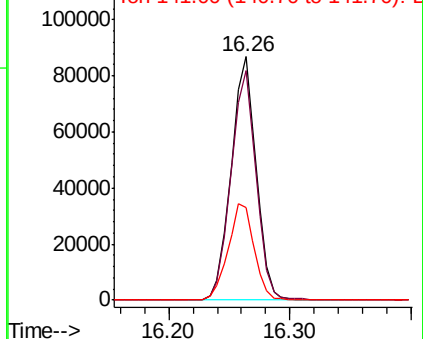
330 100

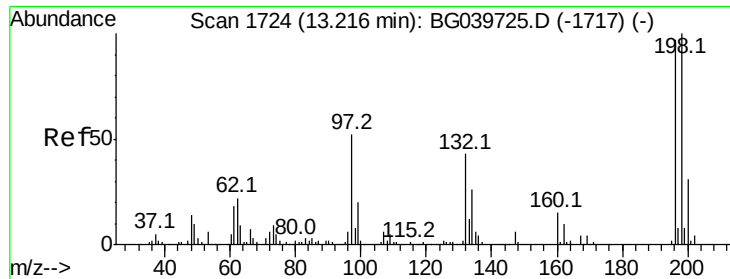
332 94.9 75.7 113.5

141 41.0 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

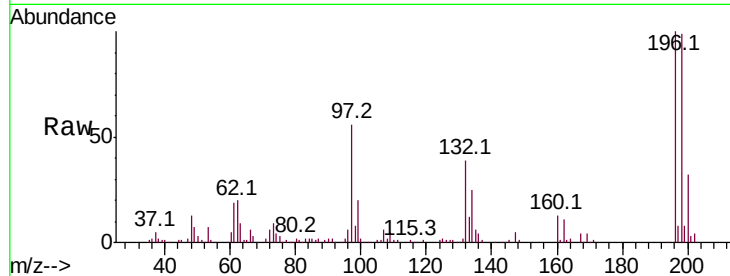




#43
 2,4,6-Trichlorophenol
 Concen: 43.253 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	109553
Ion	Ratio	Lower	Upper
196	100		
198	99.0	80.6	121.0
200	31.9	26.1	39.1

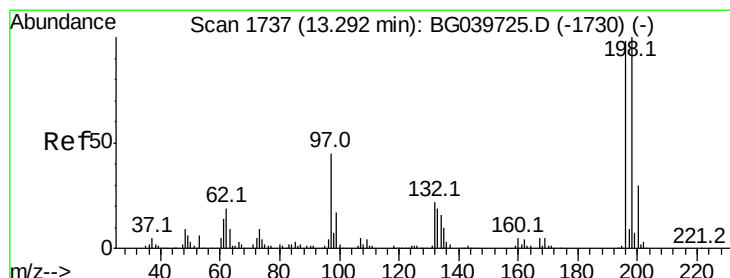
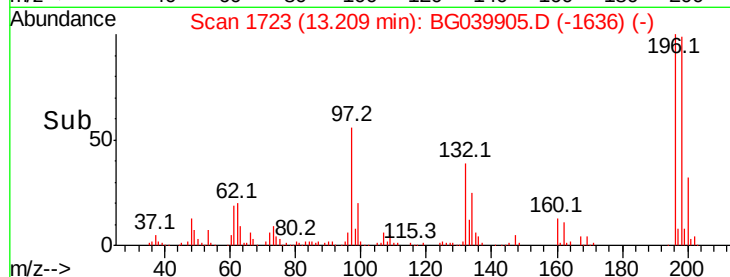
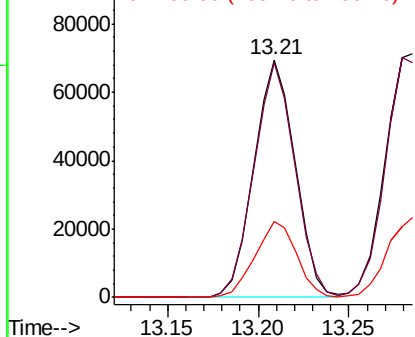


Abundance

Ion 196.00 (195.70 to 196.70): E

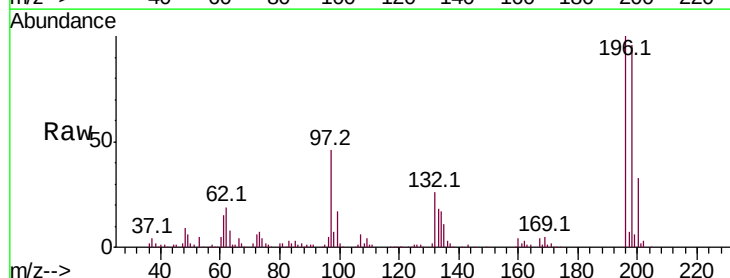
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.117 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

Tgt Ion	196	Resp	117387
Ion	Ratio	Lower	Upper
196	100		
198	96.4	78.5	117.7
97	46.1	38.4	57.6
132	26.2	19.2	28.8



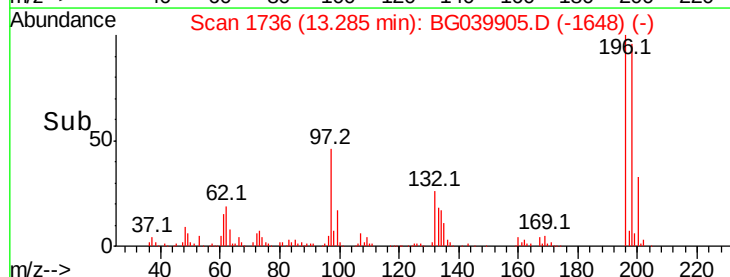
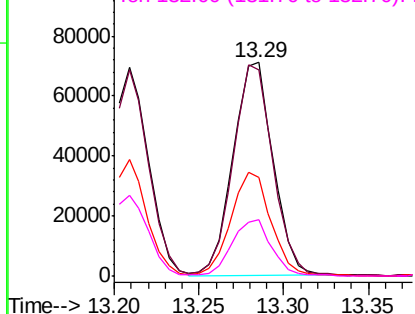
Abundance

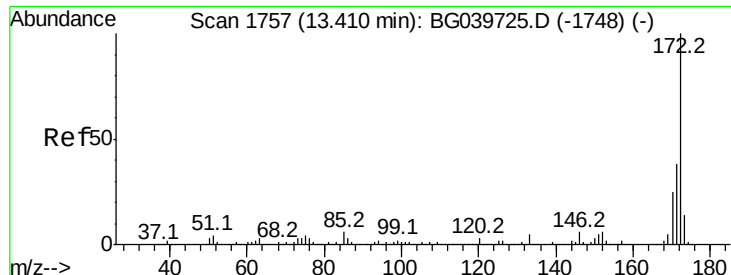
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

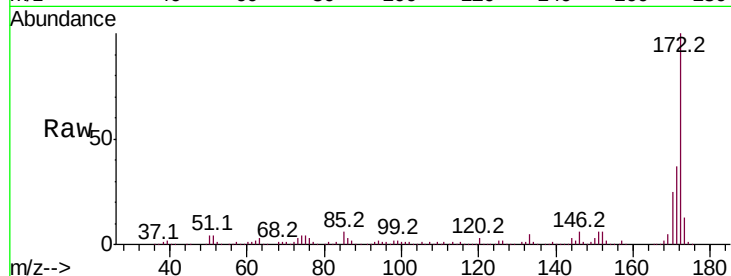




#45
 2-Fluorobiphenyl
 Concen: 79.448 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	24.6	20.2	30.4

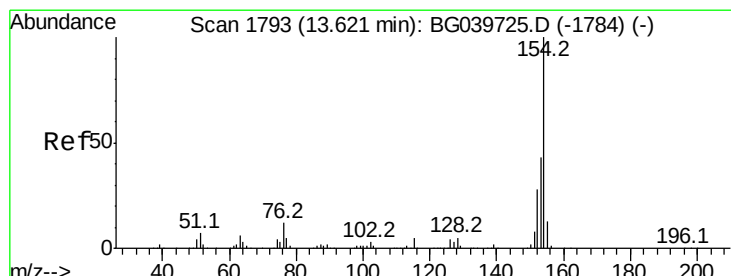
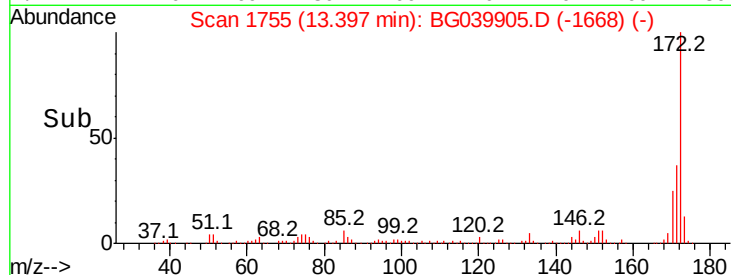
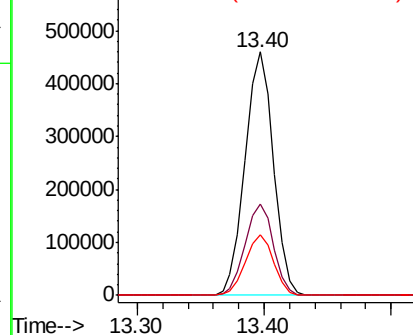


Abundance

Ion 172.00 (171.70 to 172.70): E

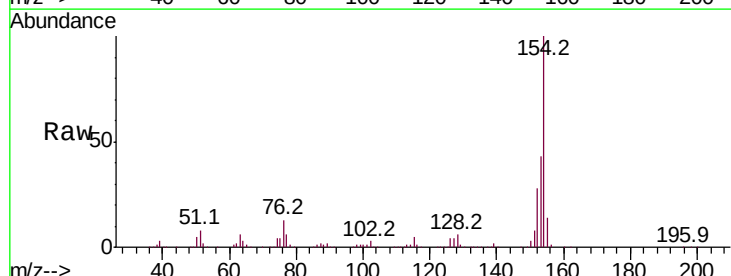
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 39.461 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.1	62.1
76	12.5	0.0	32.4

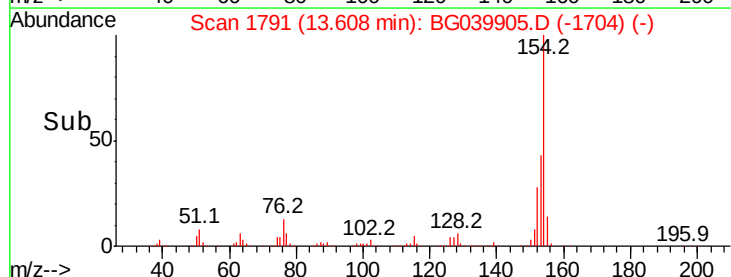
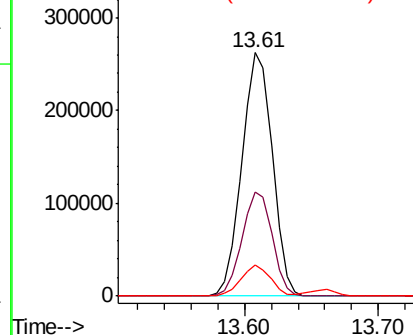


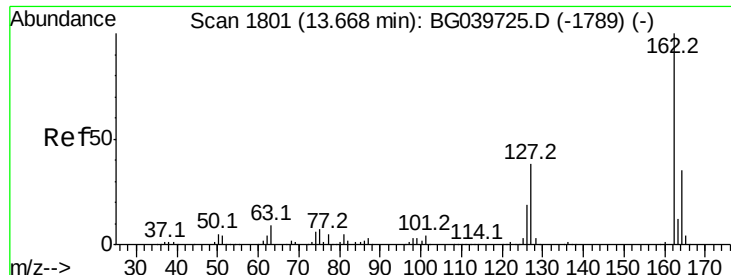
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

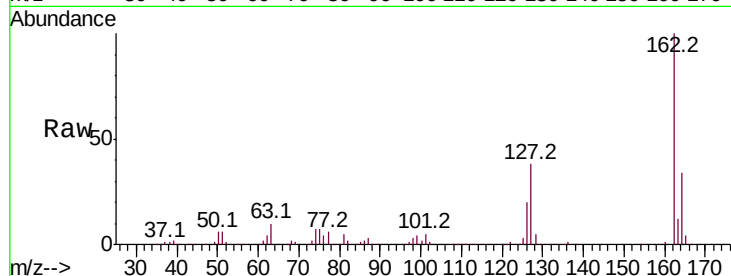




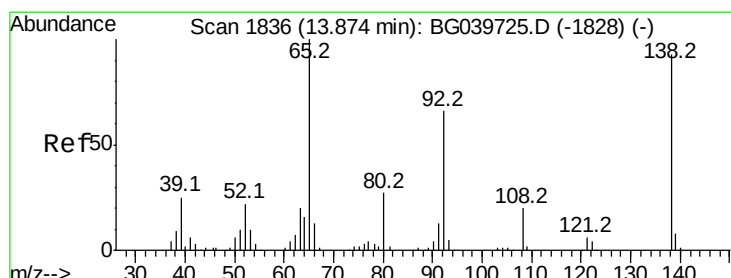
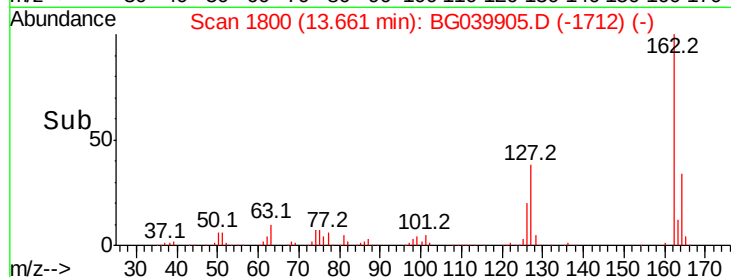
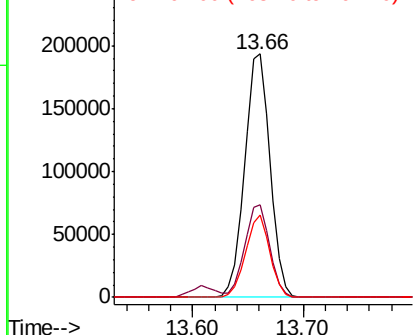
#47
 2-Chloronaphthalene
 Concen: 39.434 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.0	46.6
164	33.9	25.7	38.5

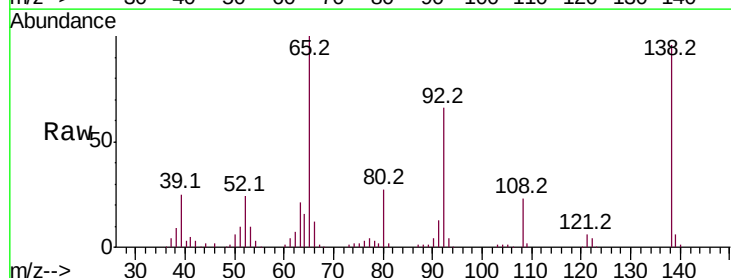


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

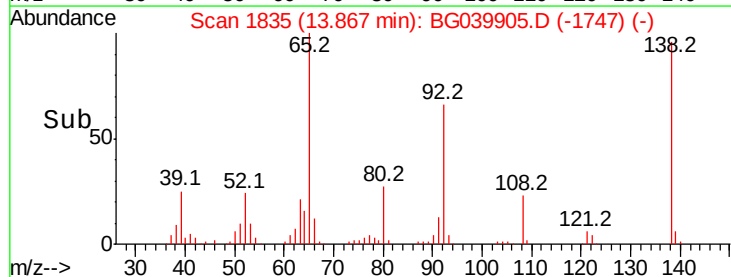
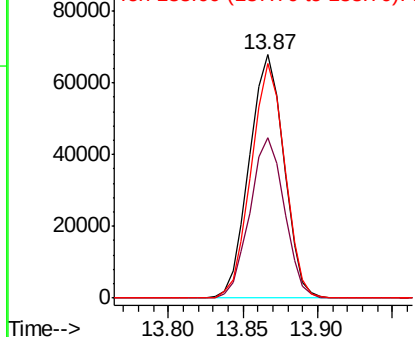


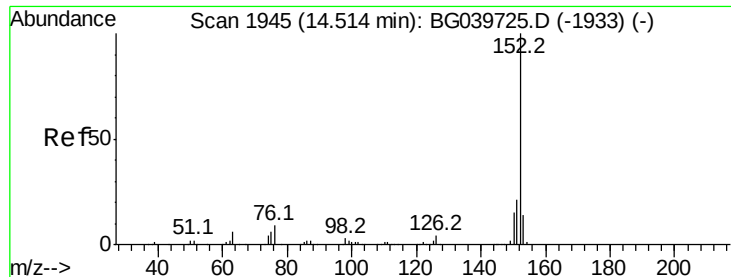
#48
 2-Nitroaniline
 Concen: 42.938 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	51.4	77.2
138	96.4	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: 39.496 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampleId :

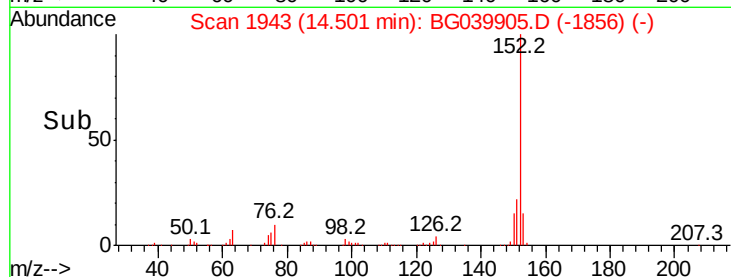
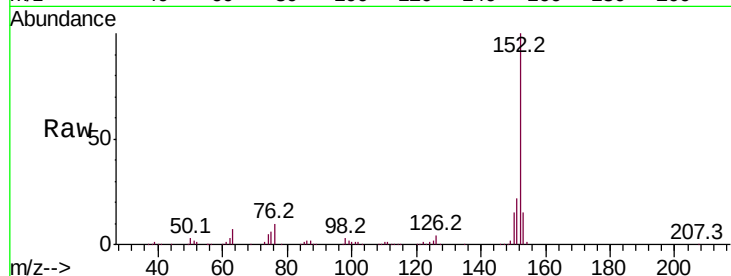
Tot Ion:152 Resp: 512312

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

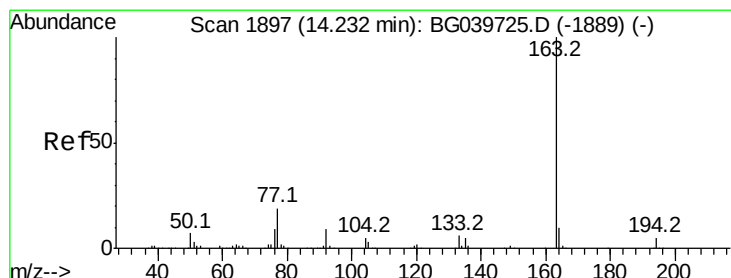
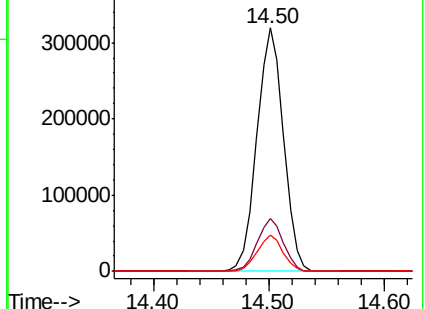
153 14.8 11.7 17.5



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: 38.736 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

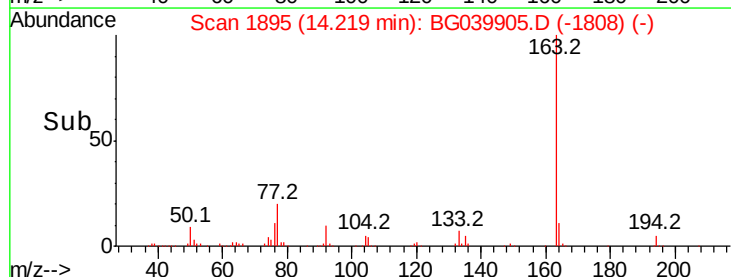
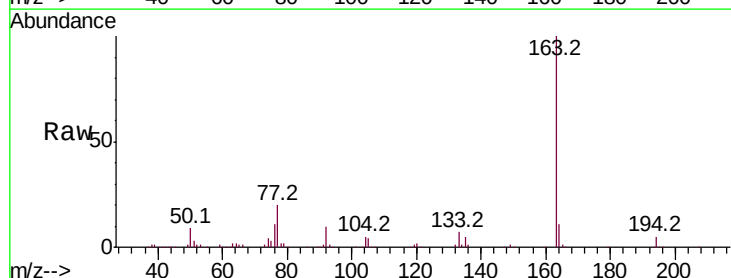
Tgt Ion:163 Resp: 413639

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

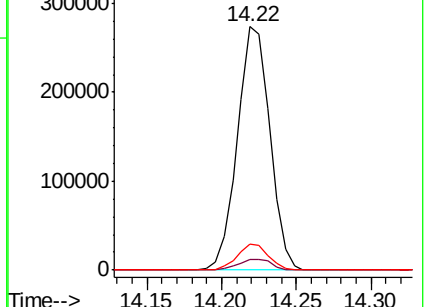
164 10.8 8.4 12.6

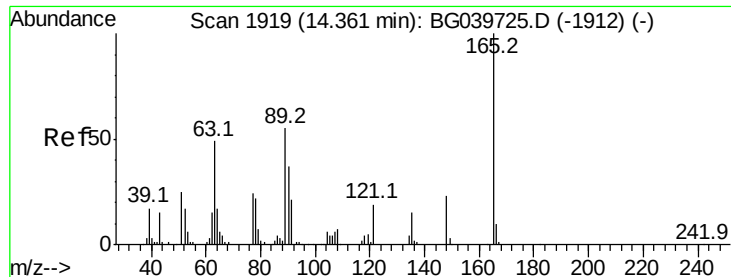


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

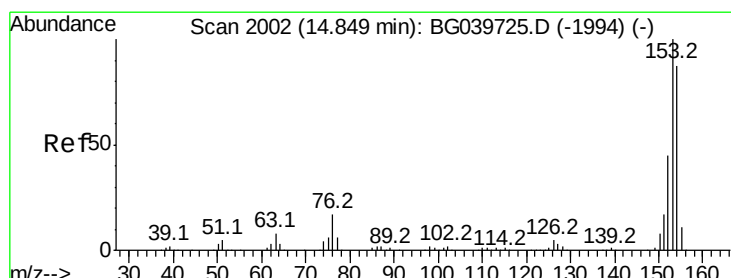
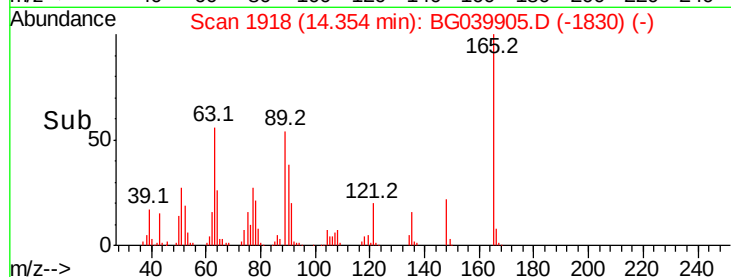
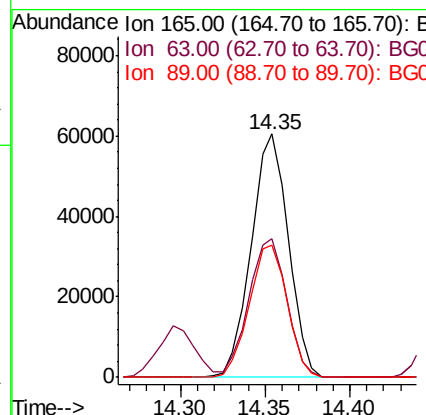
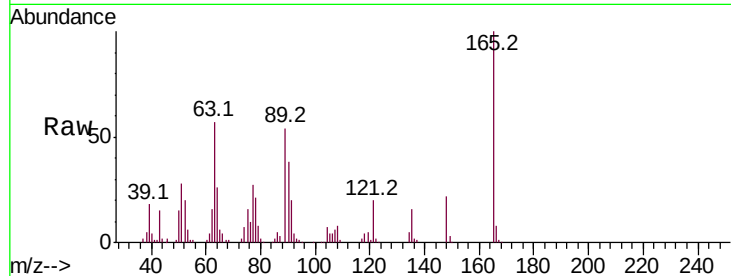




#51
2,6-Dinitrotoluene
Concen: 40.881 ng
RT: 14.35 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

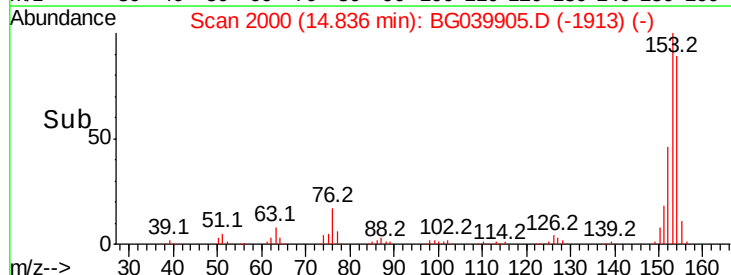
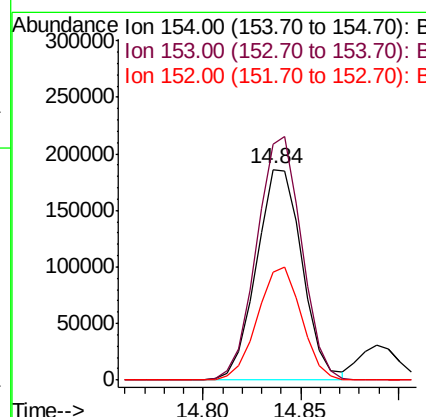
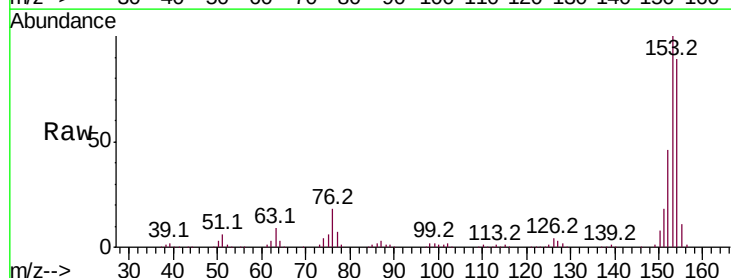
Instrument :
BNA_G
ClientSampled :

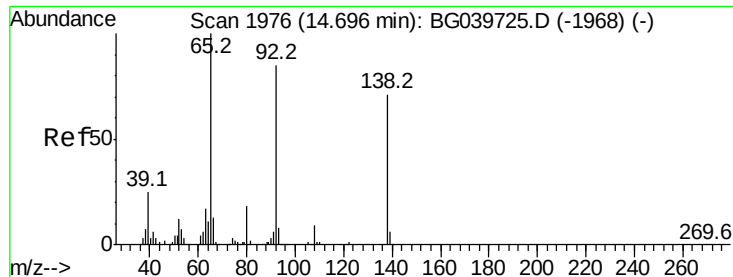
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.1	47.0	70.6
89	54.4	45.8	68.8



#52
Acenaphthene
Concen: 38.777 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

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

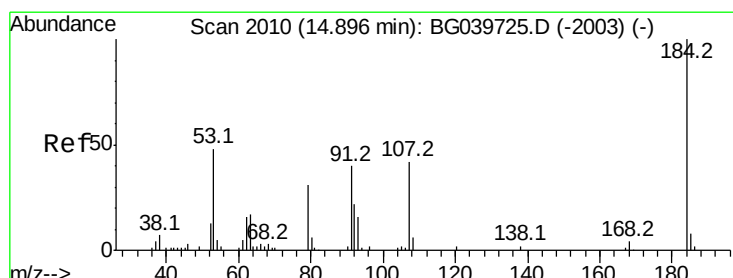
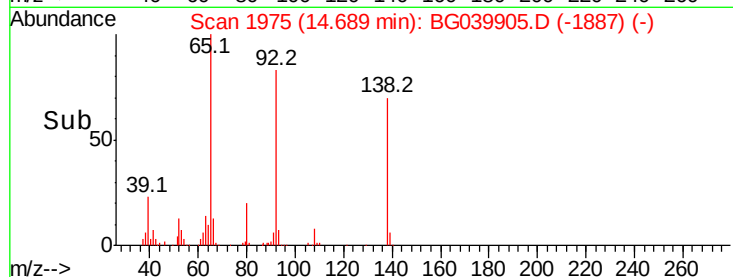
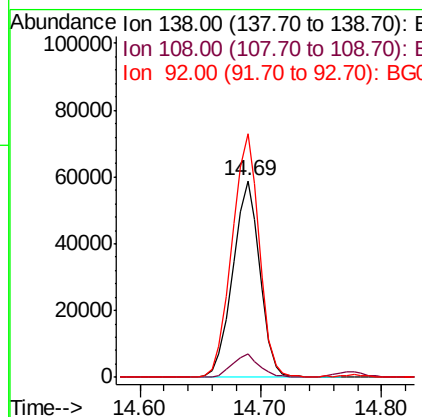
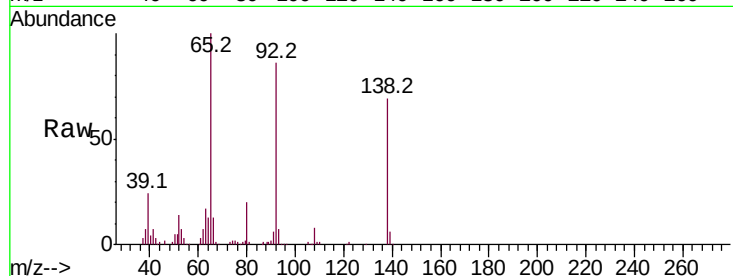




#53
3-Nitroaniline
Concen: 40.287 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

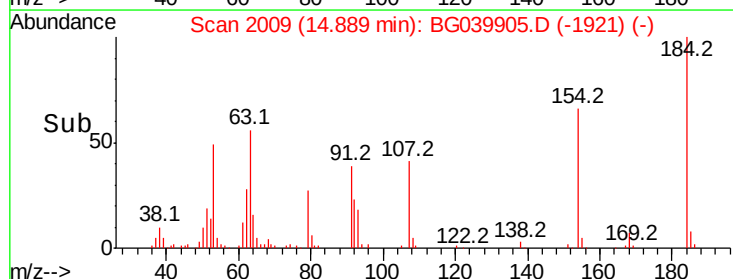
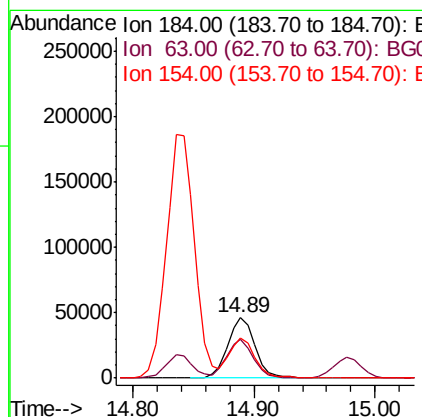
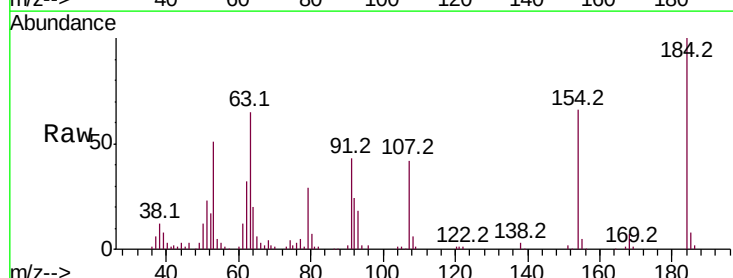
Instrument :
BNA_G
ClientSampleId :

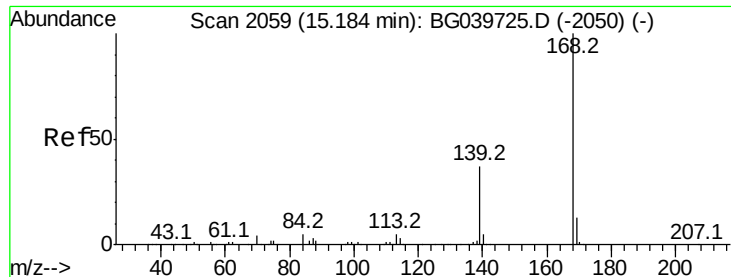
Tot Ion:138 Resp: 91677
Ion Ratio Lower Upper
138 100
108 11.8 13.8 20.8#
92 123.8 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 52.509 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion:184 Resp: 72203
Ion Ratio Lower Upper
184 100
63 65.0 50.9 76.3
154 66.5 53.0 79.6

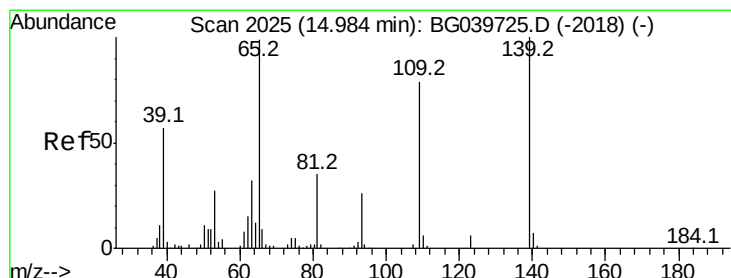
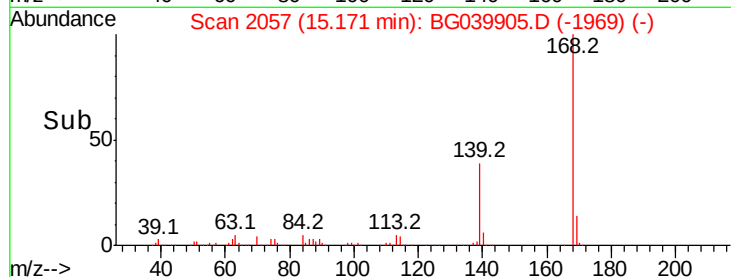
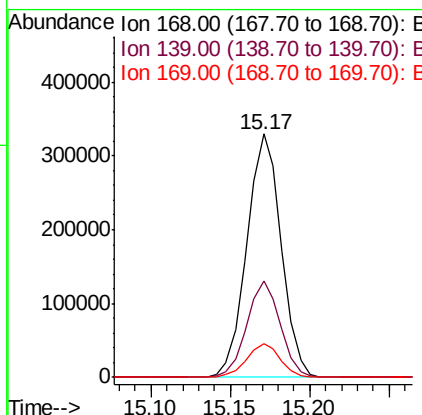
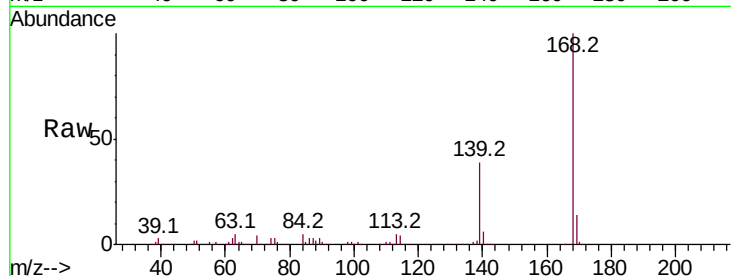




#55
Dibenzenofuran
Concen: 38.570 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

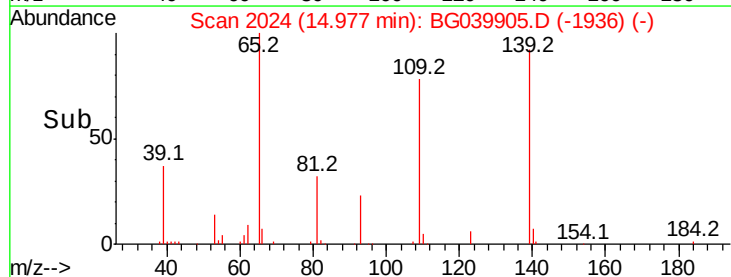
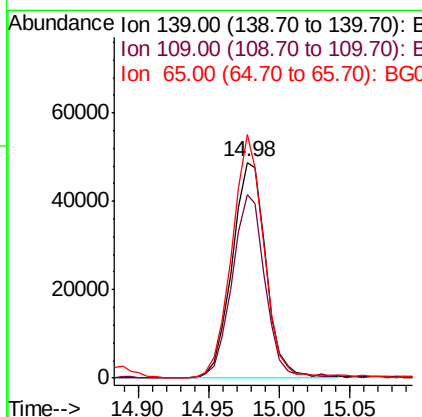
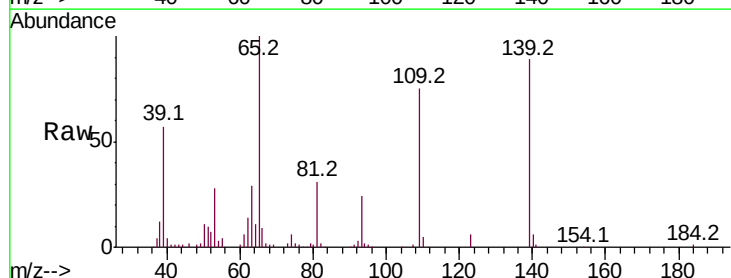
Instrument :
BNA_G
ClientSampleId :

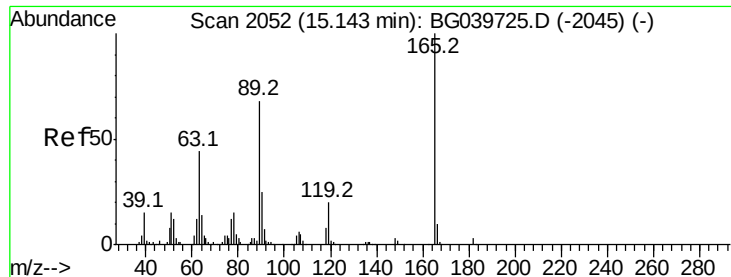
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.1	45.1
169	13.7	10.6	16.0



#56
4-Nitrophenol
Concen: 40.058 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.1	61.9	101.9
65	112.8	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 42.299 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampled :

Tot Ion:165 Resp: 134547

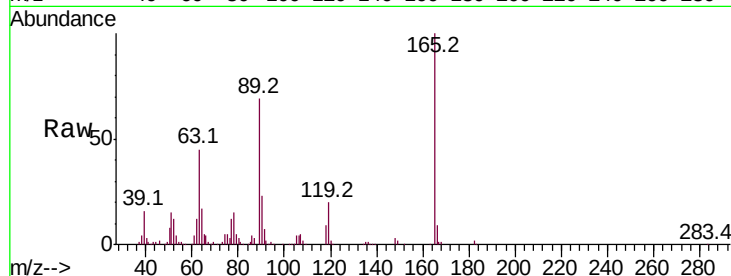
Ion Ratio Lower Upper

165 100

63 45.0 41.0 61.6

89 69.5 64.6 96.8

182 2.4 2.0 3.0

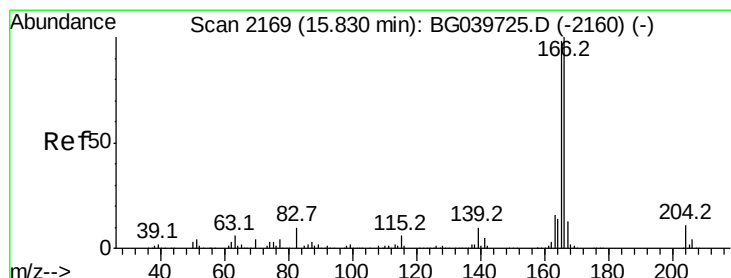
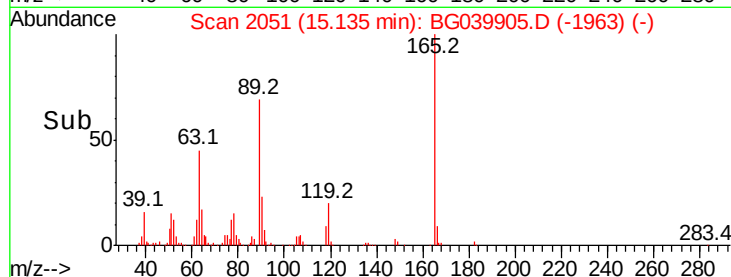
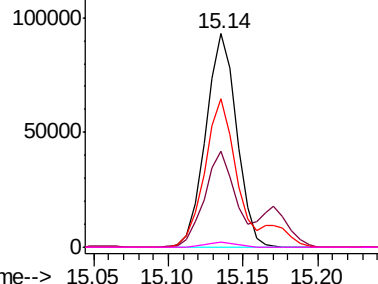


Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.756 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

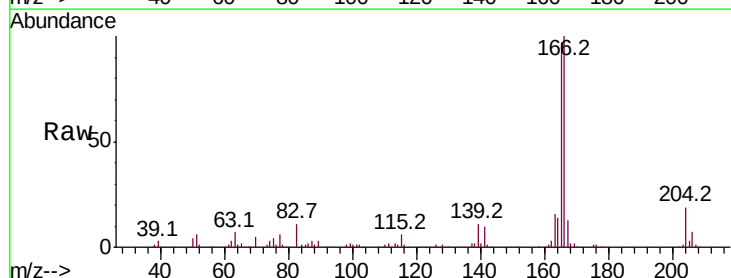
Tgt Ion:166 Resp: 390264

Ion Ratio Lower Upper

166 100

165 97.0 77.9 116.9

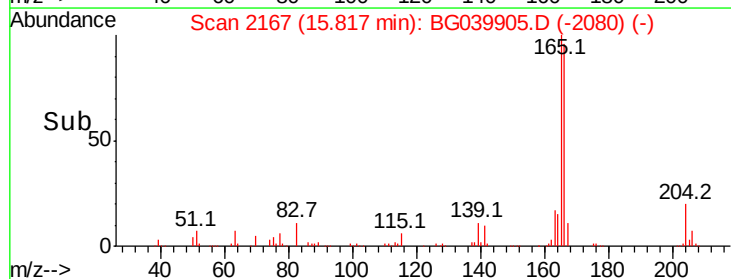
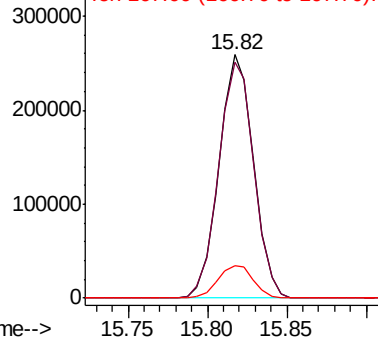
167 13.4 10.8 16.2

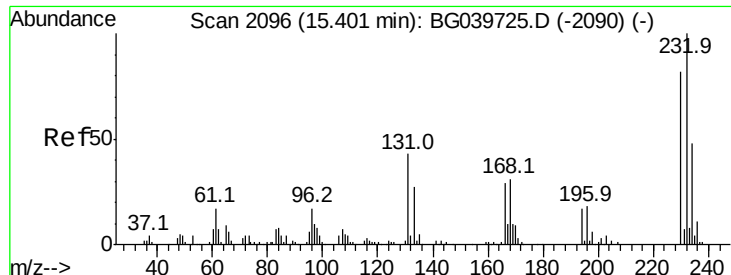


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

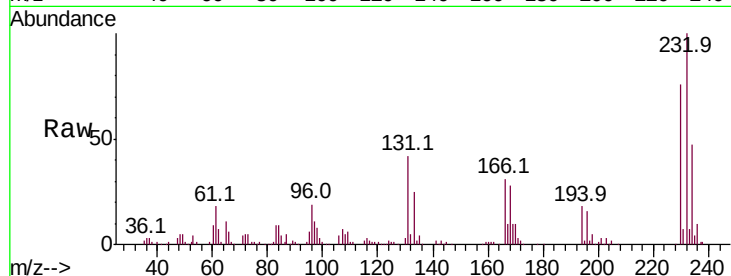




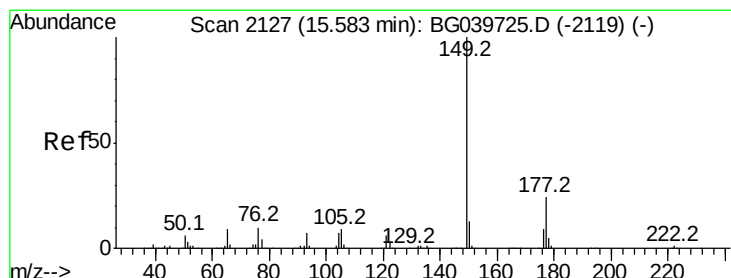
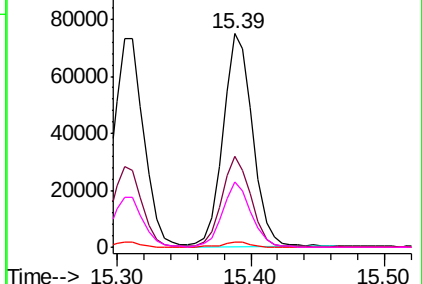
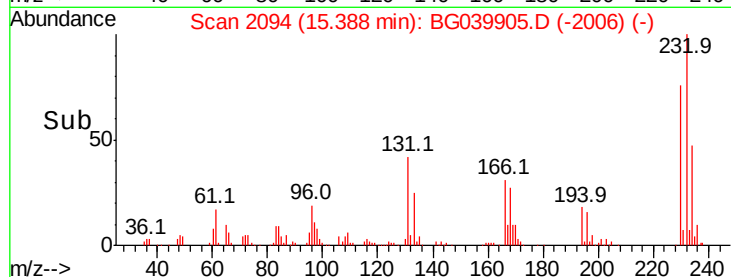
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.649 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	116127
Ion	Ratio	Lower	Upper
232	100		
131	42.3	34.9	52.3
130	2.4	2.0	3.0
166	29.8	24.1	36.1

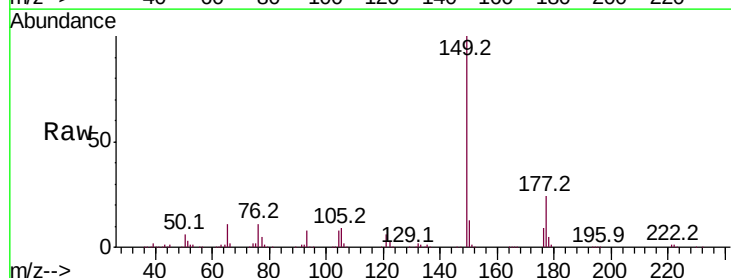


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

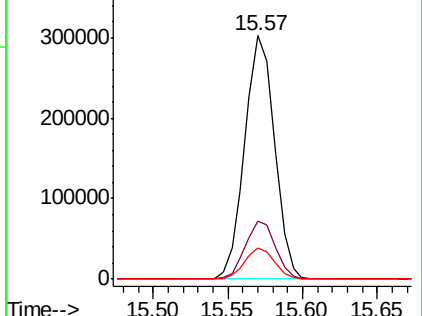
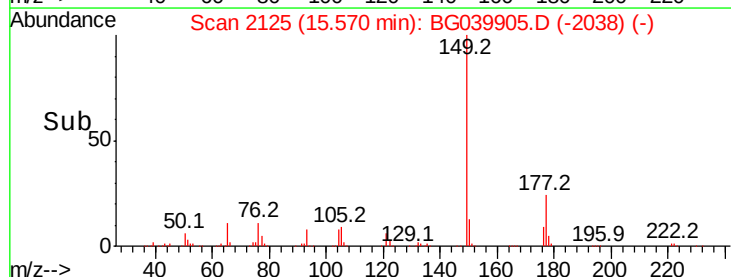


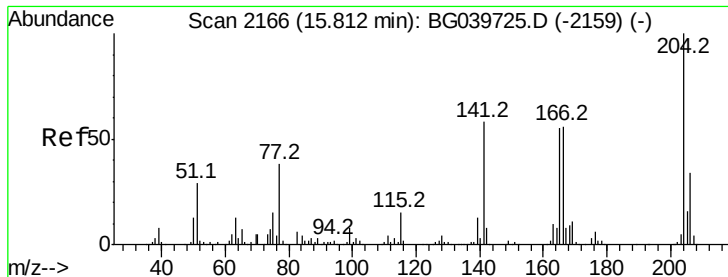
#60
 Diethylphthalate
 Concen: 39.510 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

Tgt Ion:	149	Resp:	417654
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.3	27.5
150	12.8	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: 38.625 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampleId :

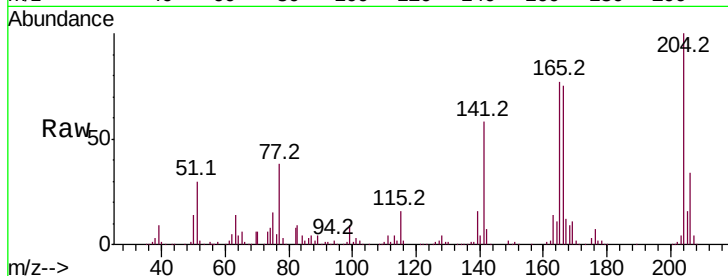
Tot Ion:204 Resp: 207546

Ion Ratio Lower Upper

204 100

206 34.3 29.2 43.8

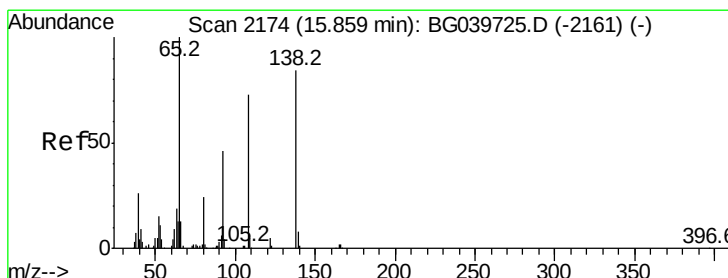
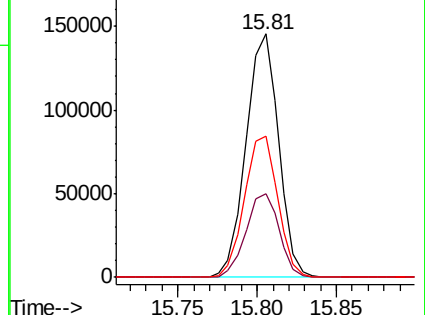
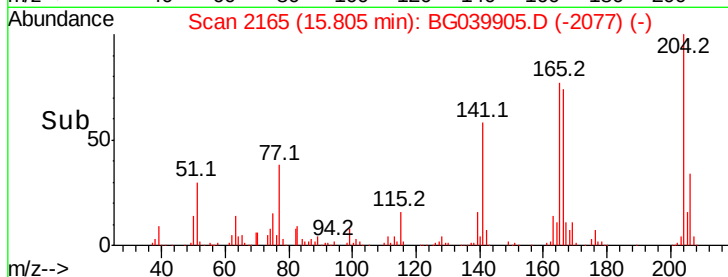
141 57.8 49.0 73.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 41.387 ng

RT: 15.85 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

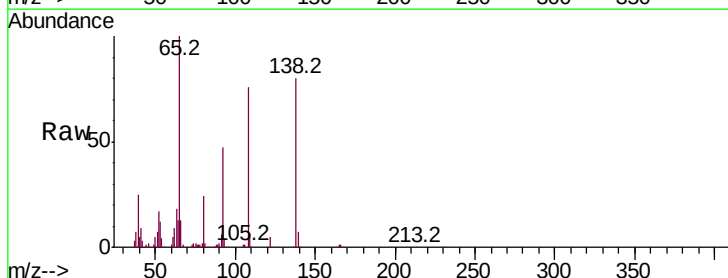
Tgt Ion:138 Resp: 102101

Ion Ratio Lower Upper

138 100

92 58.2 38.7 78.7

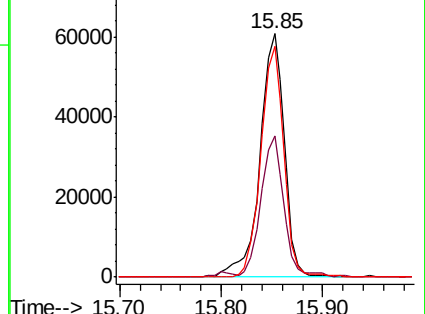
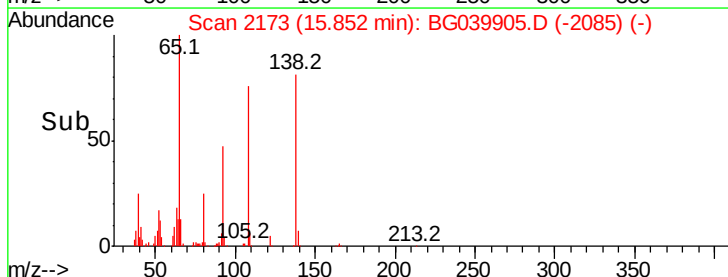
108 94.6 74.6 114.6

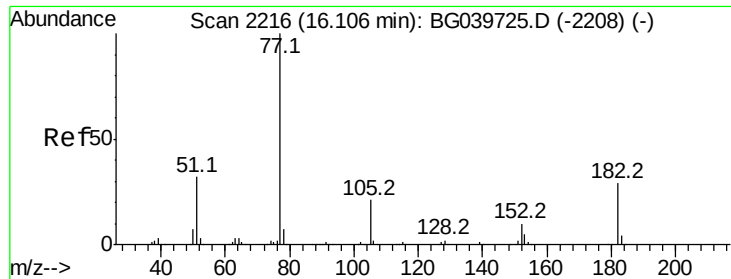


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

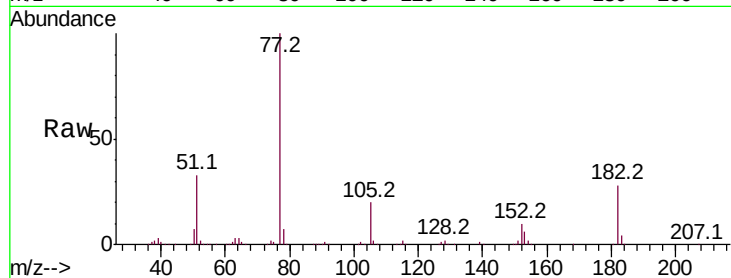




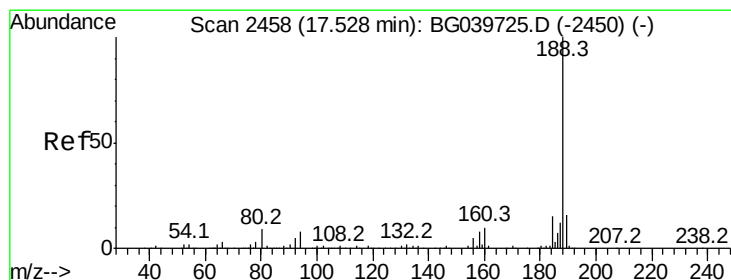
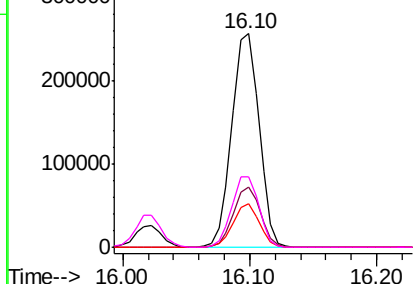
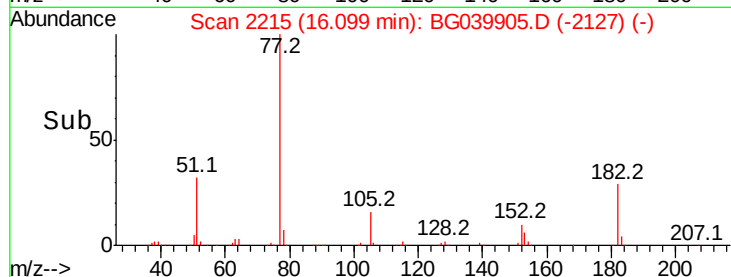
#63
Azobenzene
Concen: 39.706 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	380468
Ion	Ratio	Lower	Upper
77	100		
182	28.0	6.4	46.4
105	20.3	0.0	39.8
51	33.0	14.1	54.1

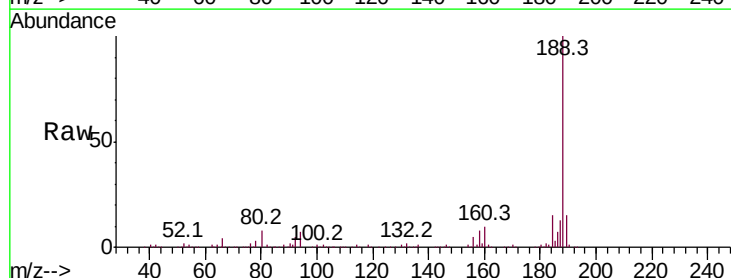


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

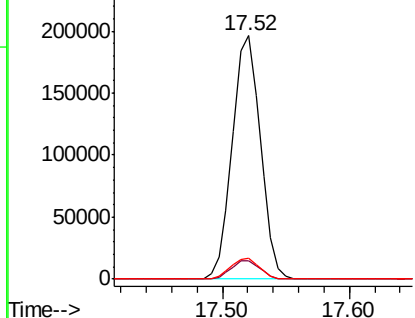
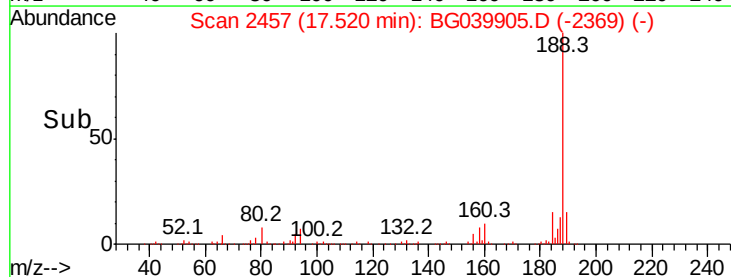


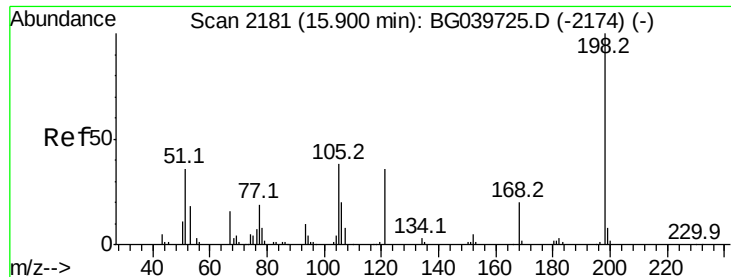
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion:	188	Resp:	301271
Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	8.5	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

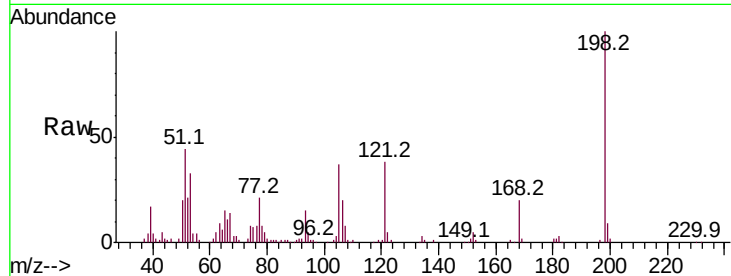




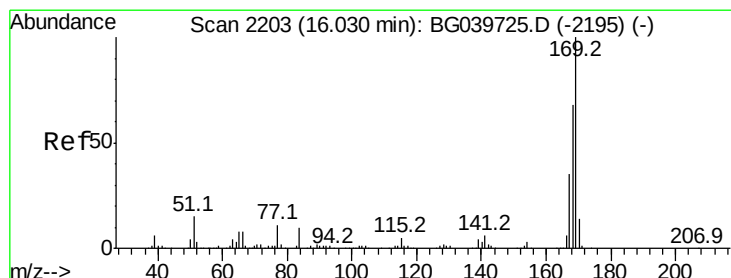
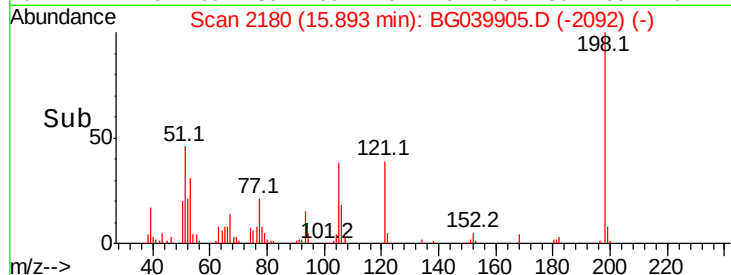
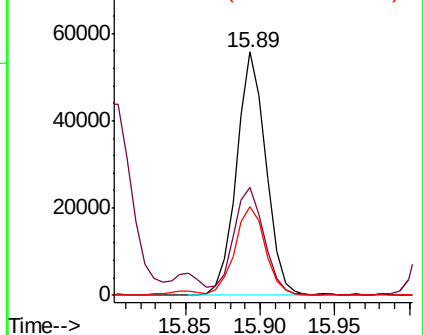
#65
4,6-Dinitro-2-methylphenol
Concen: 42.887 ng
RT: 15.89 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 76396
Ion Ratio Lower Upper
198 100
51 44.5 27.4 67.4
105 36.5 19.7 59.7

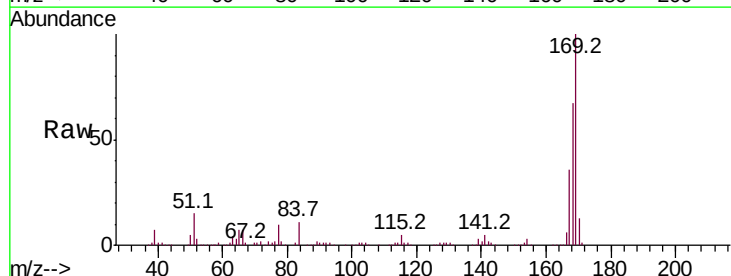


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

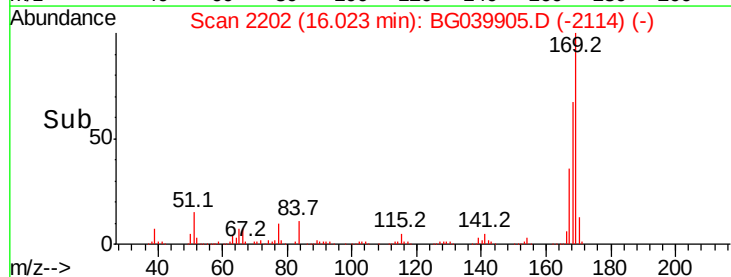
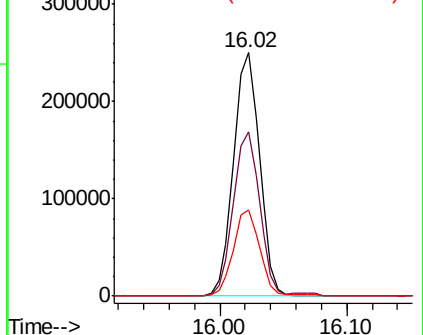


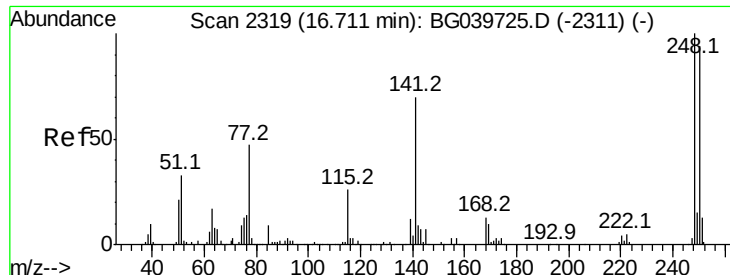
#66
n-Nitrosodiphenylamine
Concen: 40.692 ng
RT: 16.02 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion:169 Resp: 354908
Ion Ratio Lower Upper
169 100
168 67.5 56.6 85.0
167 35.6 28.8 43.2



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

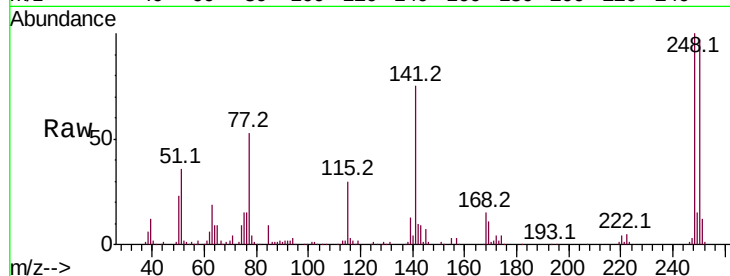




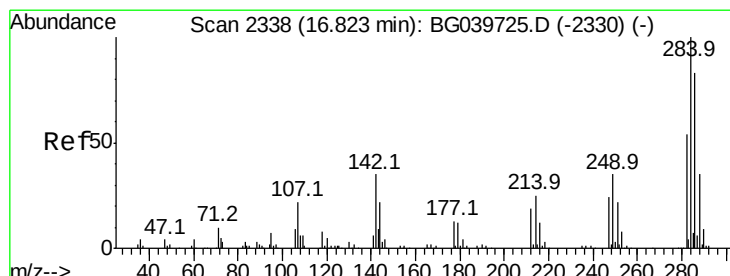
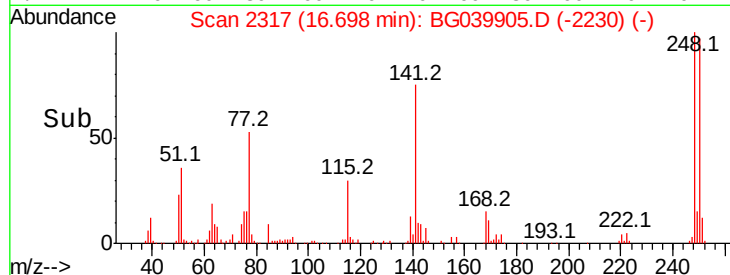
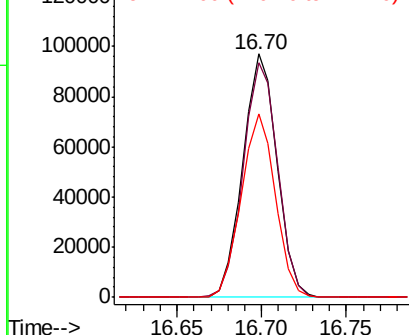
#67
4-Bromophenyl-phenylether
Concen: 40.483 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 136517
Ion Ratio Lower Upper
248 100
250 96.6 77.6 116.4
141 75.3 63.9 95.9

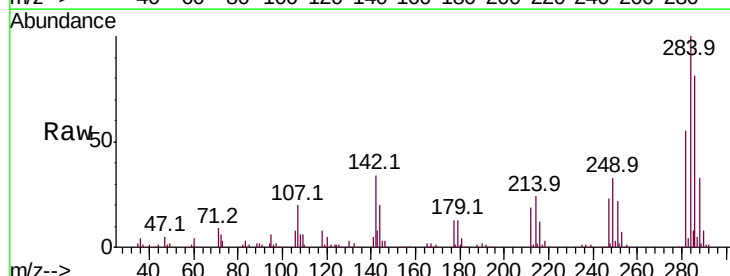


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

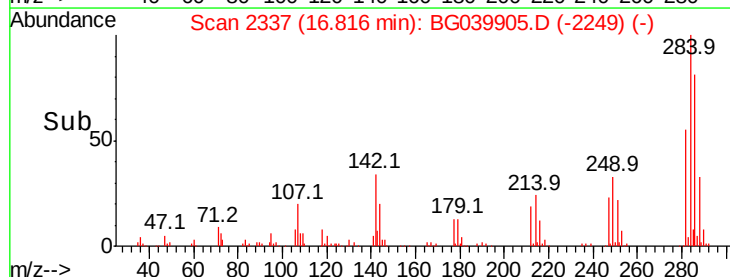
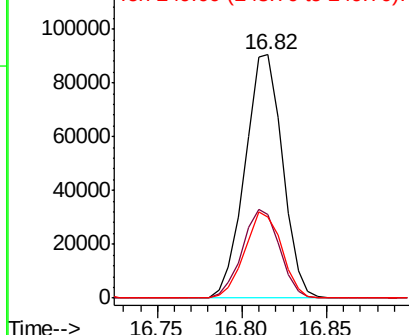


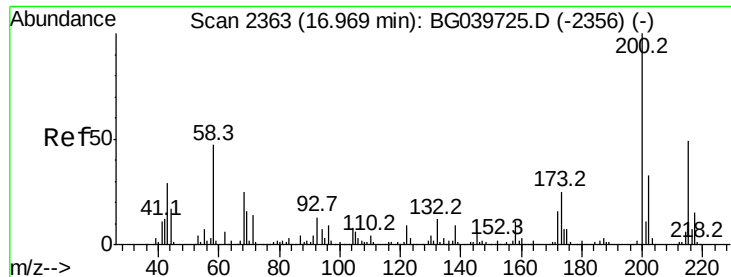
#68
Hexachlorobenzene
Concen: 40.105 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion:284 Resp: 140190
Ion Ratio Lower Upper
284 100
142 34.2 30.6 45.8
249 33.4 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

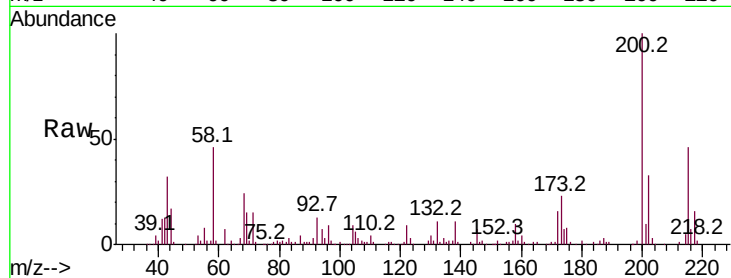




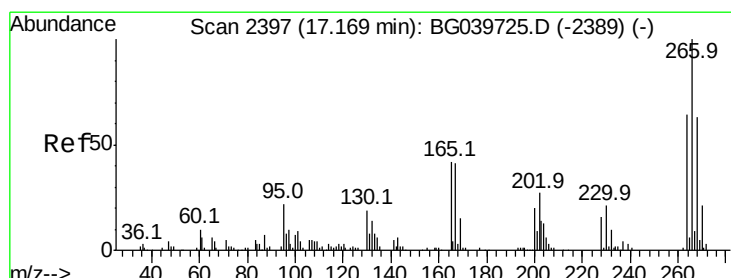
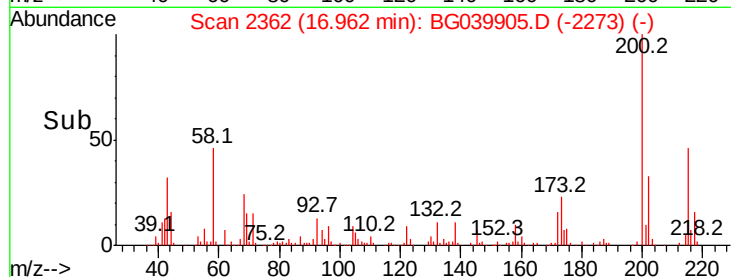
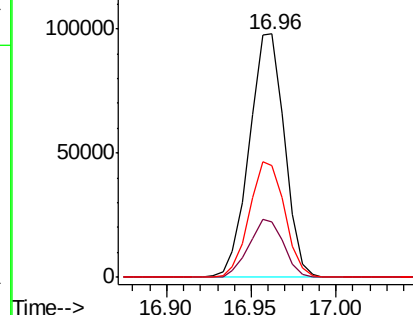
#69
Atrazine
Concen: 41.332 ng
RT: 16.96 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 141875
Ion Ratio Lower Upper
200 100
173 23.0 3.9 43.9
215 46.0 30.9 70.9

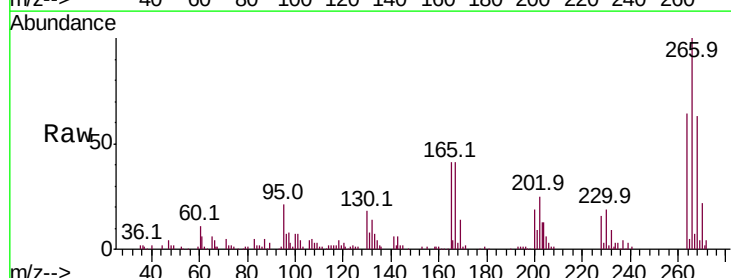


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

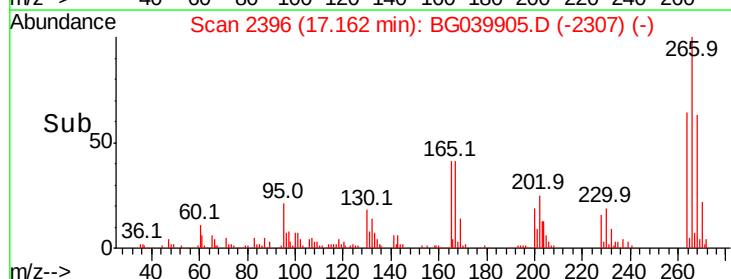
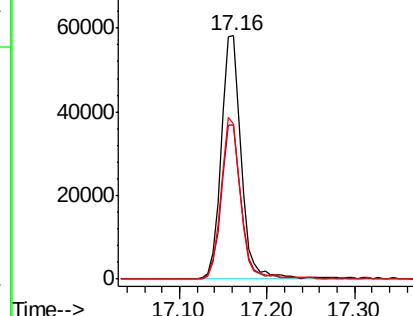


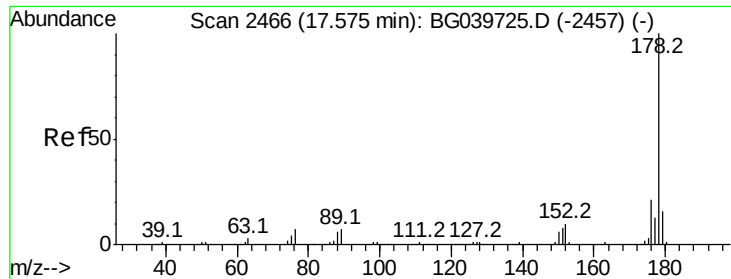
#70
Pentachlorophenol
Concen: 42.302 ng
RT: 17.16 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion:266 Resp: 93386
Ion Ratio Lower Upper
266 100
268 63.1 51.1 76.7
264 63.8 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

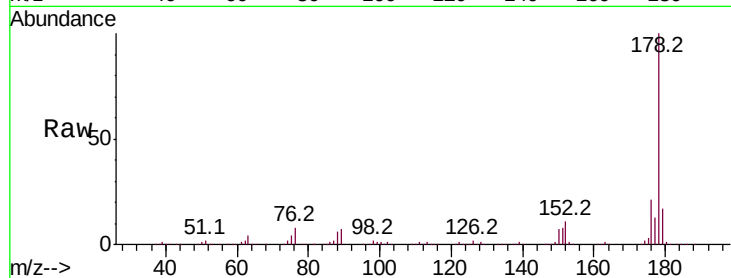




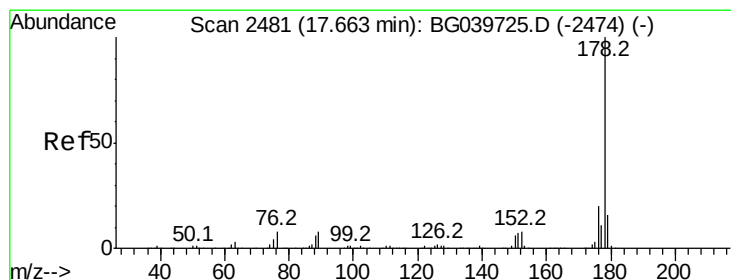
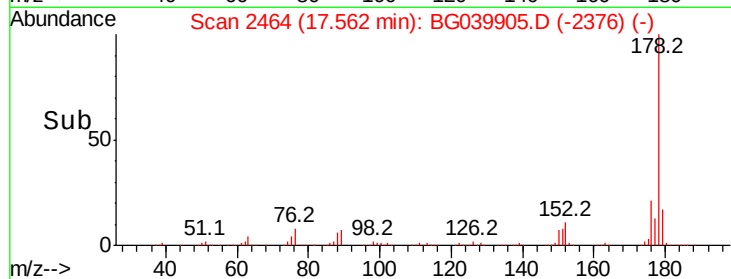
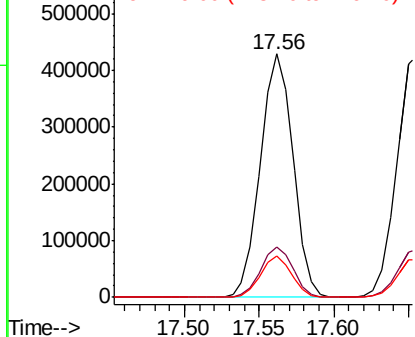
#71
Phenanthrene
Concen: 39.118 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 649142
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 16.8 12.6 19.0

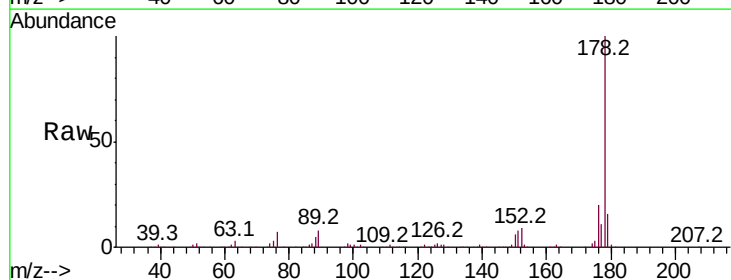


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

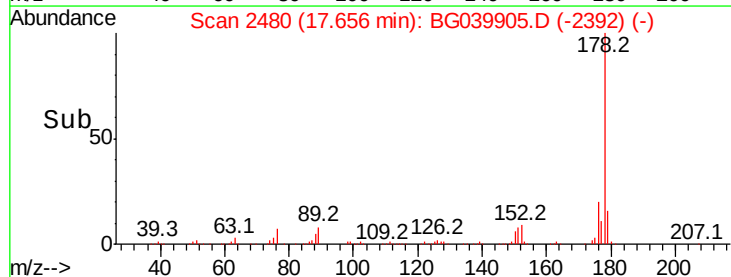
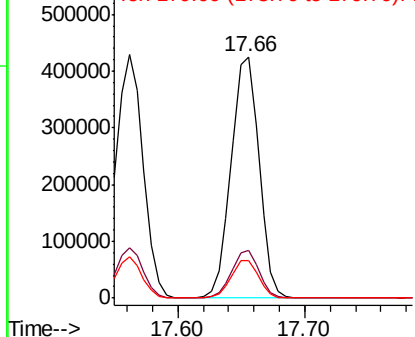


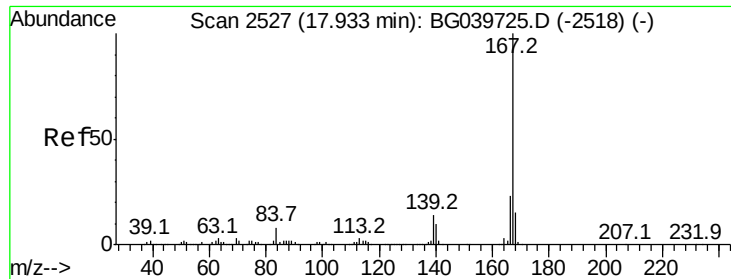
#72
Anthracene
Concen: 39.908 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion:178 Resp: 645348
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

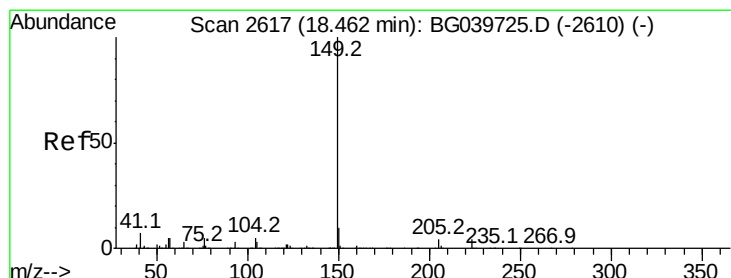
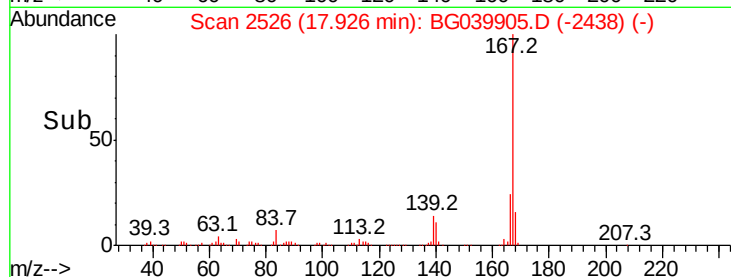
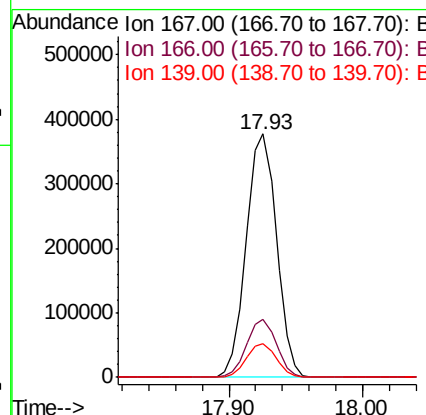
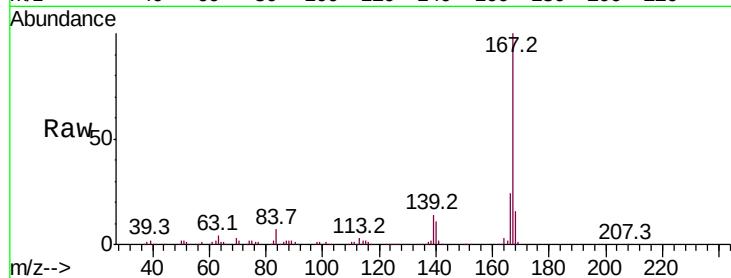




#73
 Carbazole
 Concen: 40.480 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

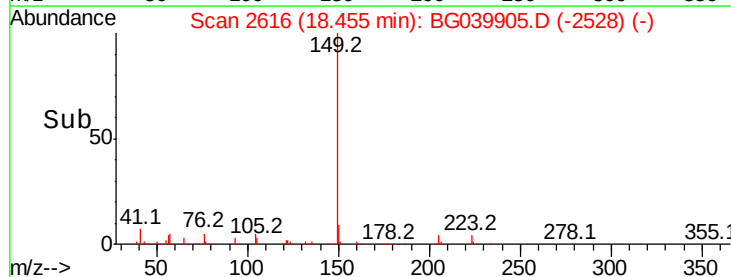
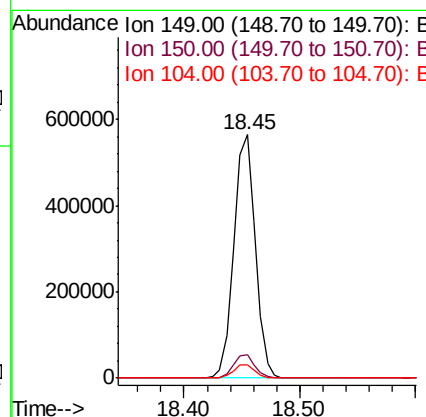
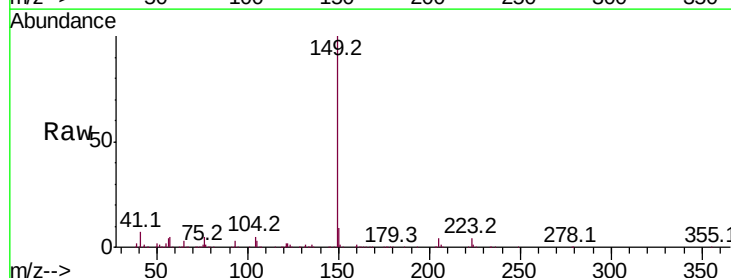
Instrument :
 BNA_G
 ClientSampleId :

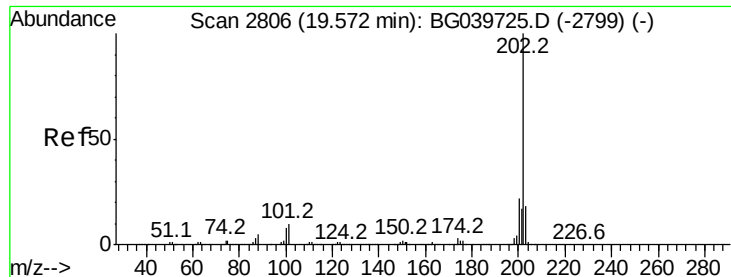
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.4	29.2
139	13.8	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 42.141 ng
 RT: 18.45 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039905.D
 Acq: 13 Mar 2019 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 40.659 ng

RT: 19.56 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampleId :

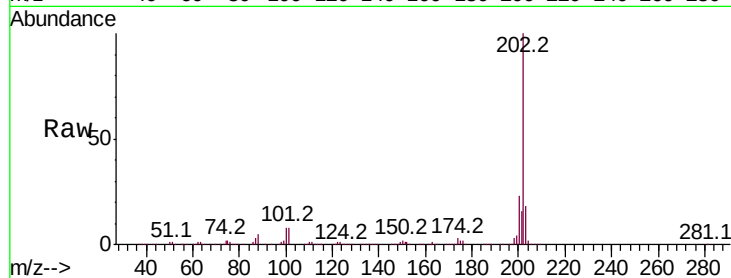
Tot Ion:202 Resp: 797382

Ion Ratio Lower Upper

202 100

101 8.3 0.0 30.0

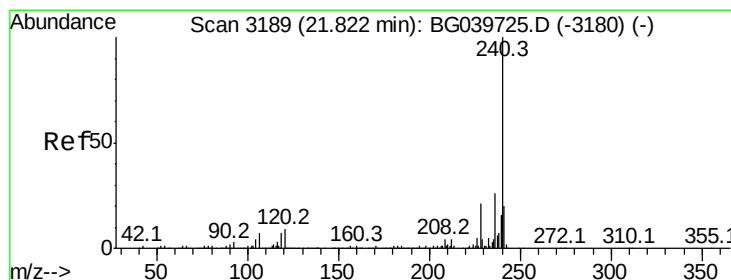
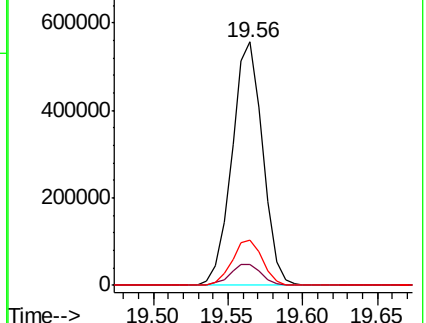
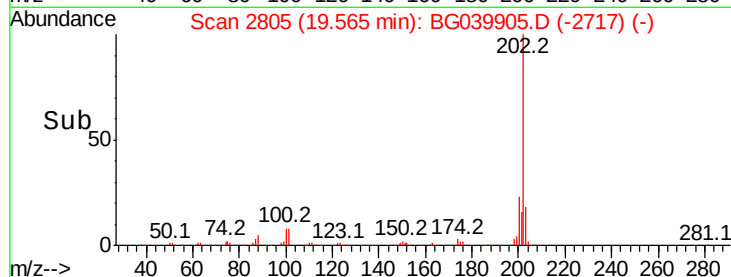
203 18.4 0.0 38.9



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: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

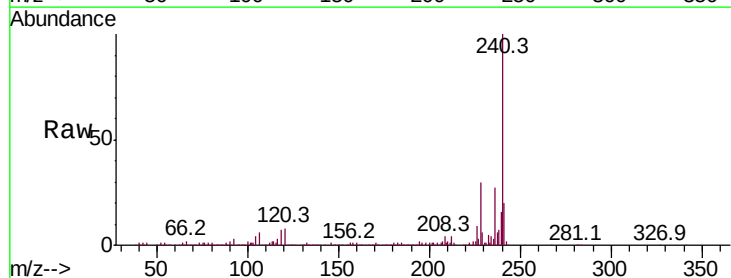
Tgt Ion:240 Resp: 317016

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

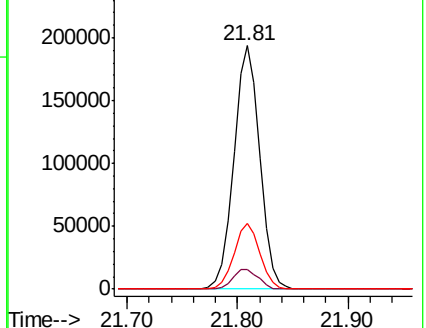
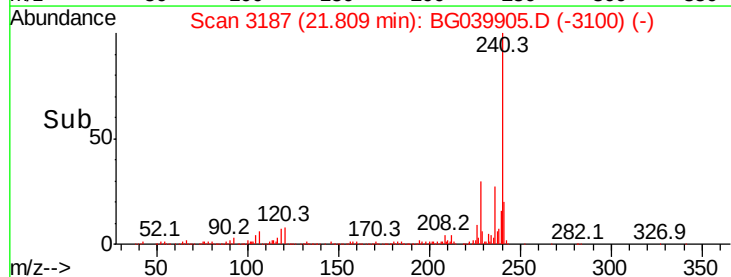
236 27.1 21.0 31.4

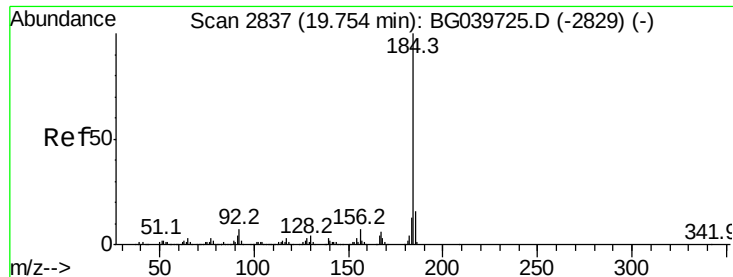


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.050 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampleId :

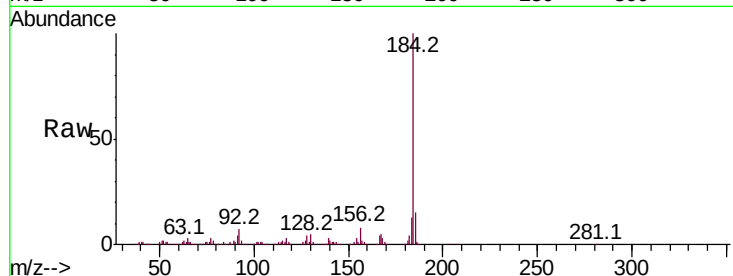
Tot Ion:184 Resp: 463252

Ion Ratio Lower Upper

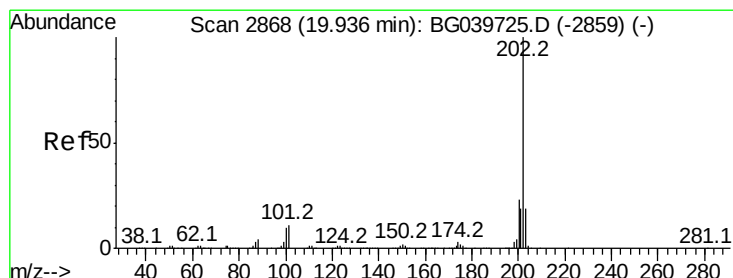
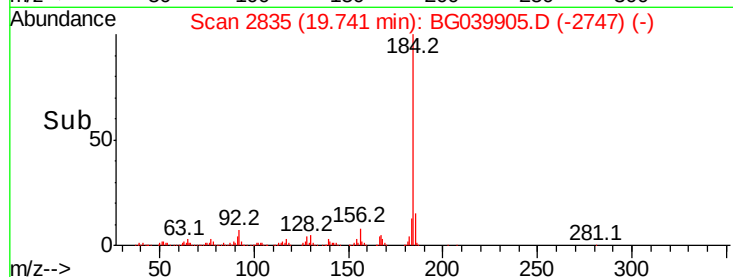
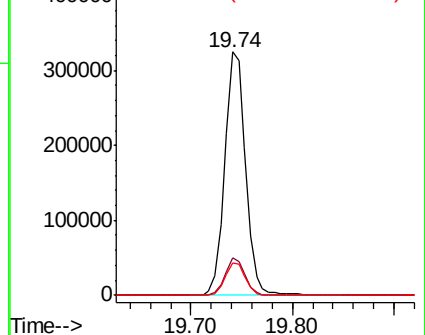
184 100

185 15.5 12.2 18.2

183 13.4 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: 38.907 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

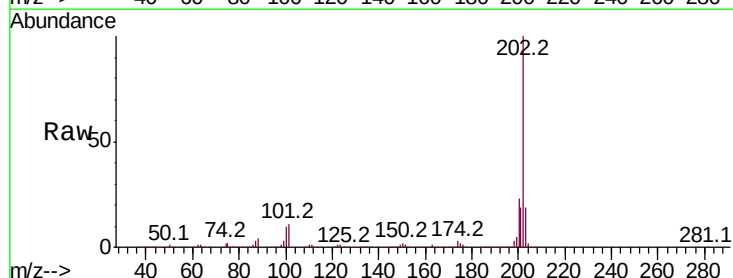
Tgt Ion:202 Resp: 801475

Ion Ratio Lower Upper

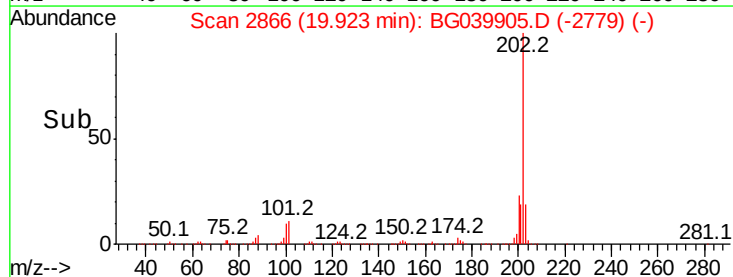
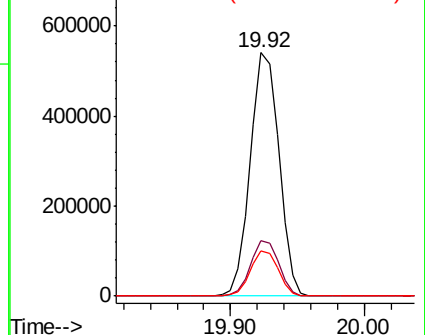
202 100

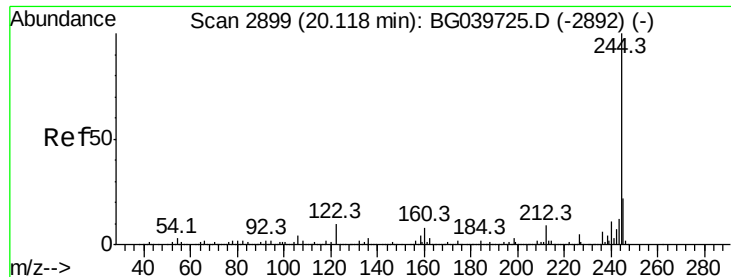
200 22.8 17.8 26.8

203 18.6 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: 77.952 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampled :

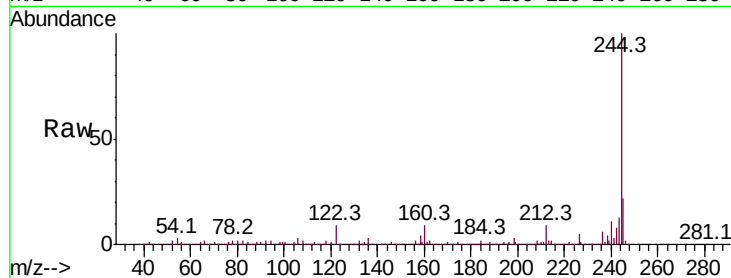
Tot Ion:244 Resp: 1122346

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

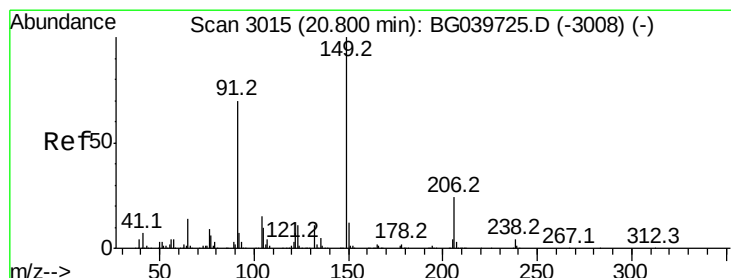
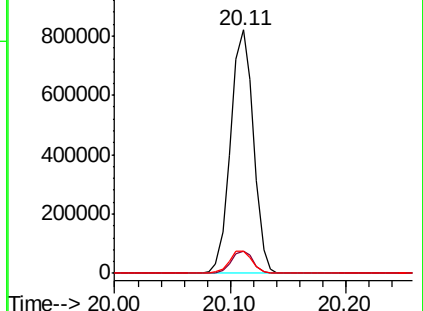
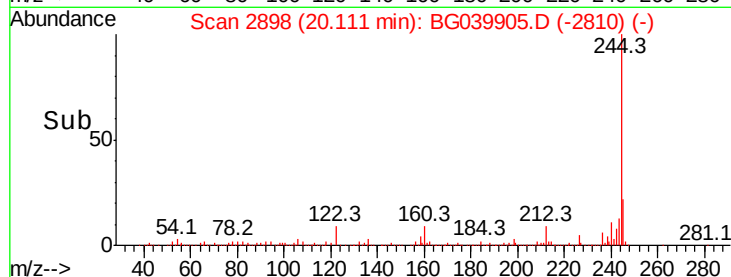
122 9.1 8.4 12.6



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: 42.740 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

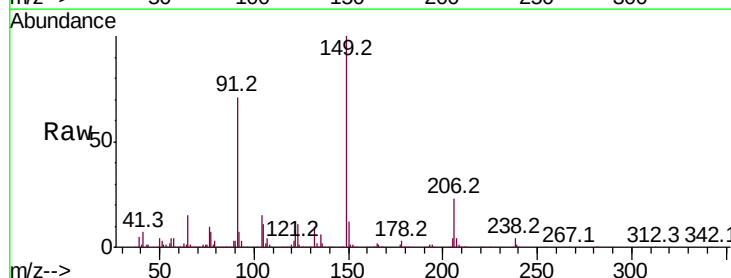
Tgt Ion:149 Resp: 341108

Ion Ratio Lower Upper

149 100

91 71.2 59.5 89.3

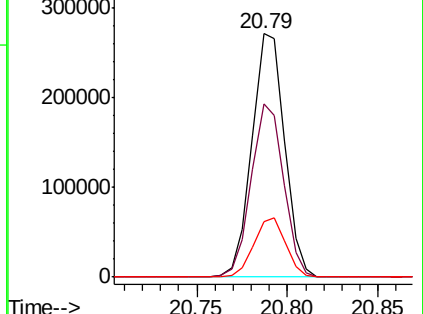
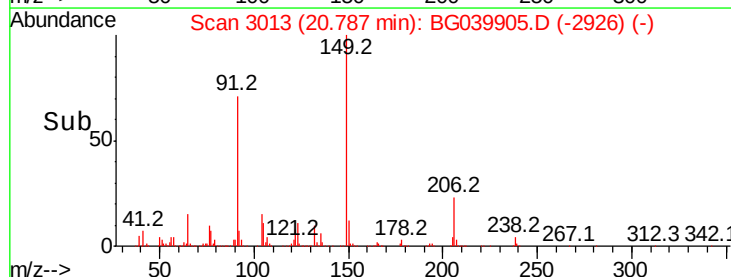
206 22.9 18.6 27.8

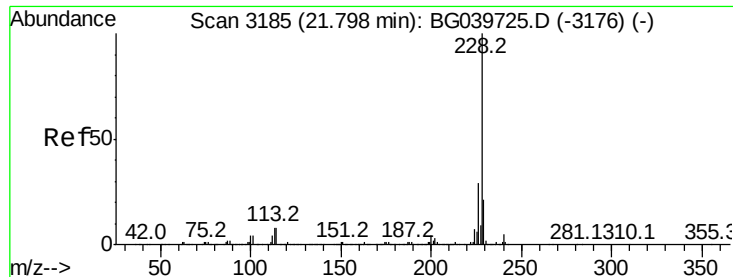


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.833 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Instrument :

BNA_G

ClientSampleId :

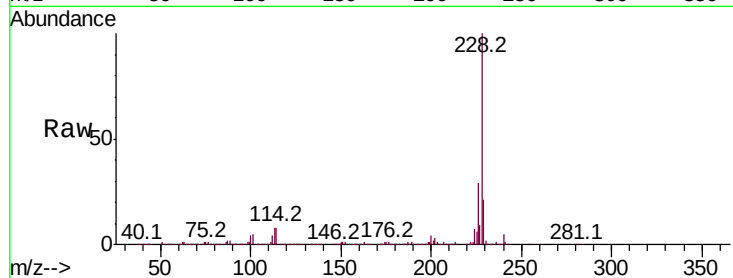
Tot Ion:228 Resp: 791418

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.6
229	21.4	16.9	25.3

228 100

226 29.4 23.0 34.6

229 21.4 16.9 25.3

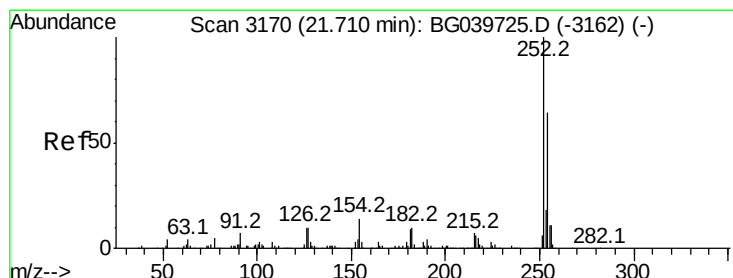
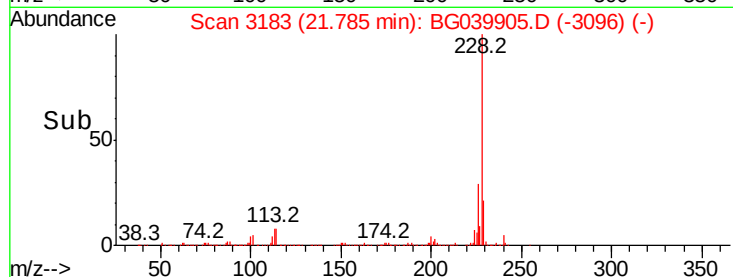
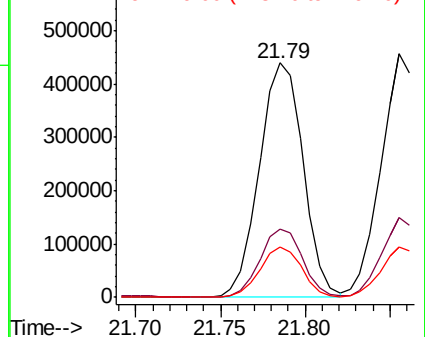


Abundance

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: 41.392 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

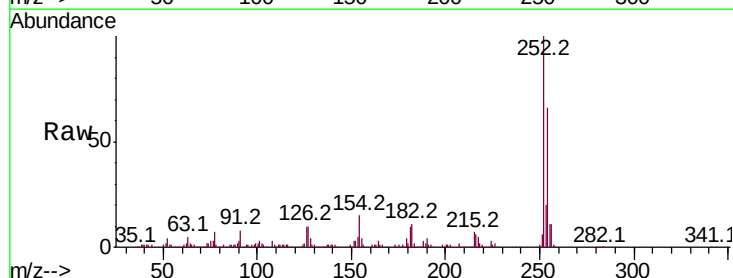
Tgt Ion:252 Resp: 300247

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.3	76.9
126	9.5	8.0	12.0

252 100

254 65.5 51.3 76.9

126 9.5 8.0 12.0

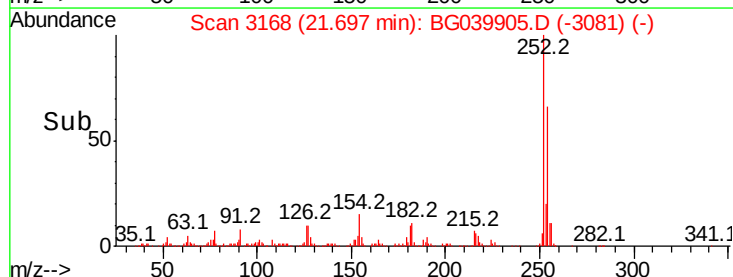
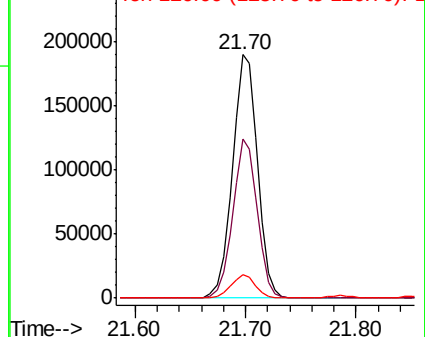


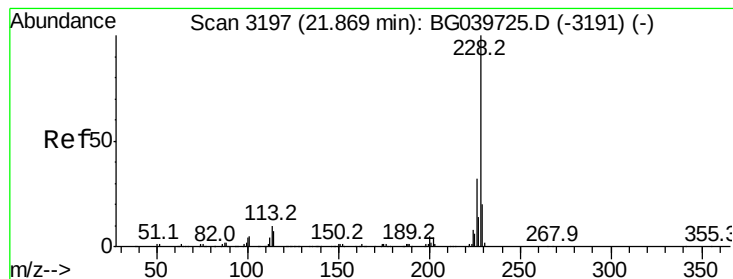
Abundance

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: 39.202 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

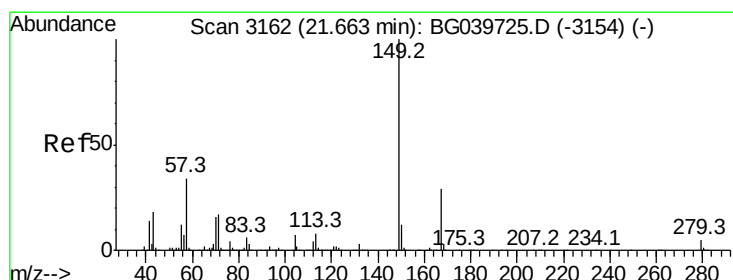
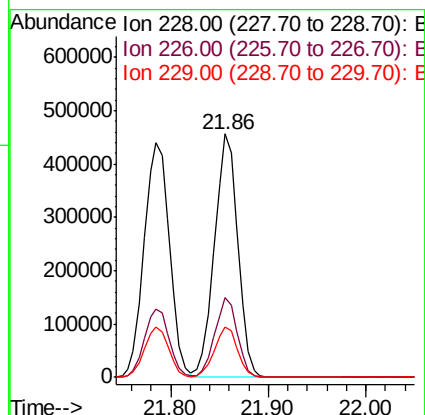
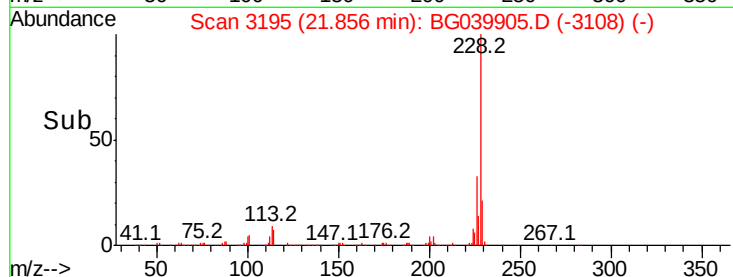
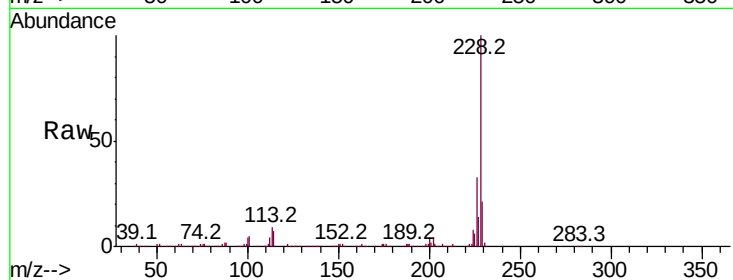
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 755103

Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.8	38.6
229	20.9	16.6	25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.871 ng

RT: 21.65 min Scan# 3160

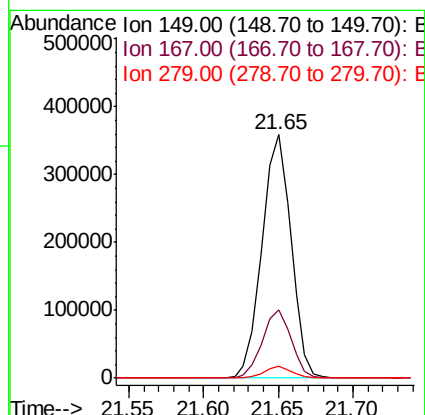
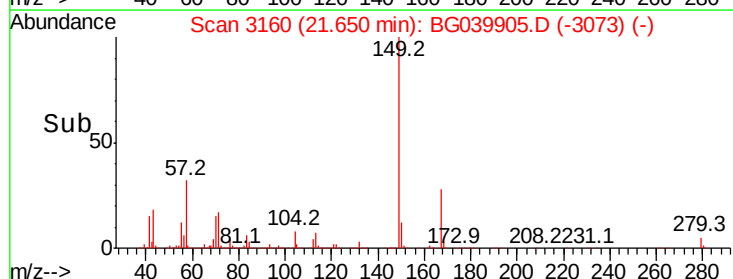
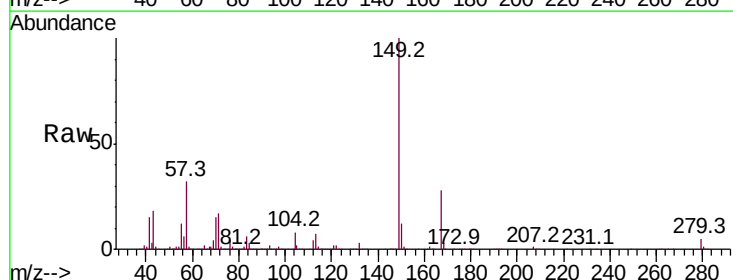
Delta R.T. -0.02 min

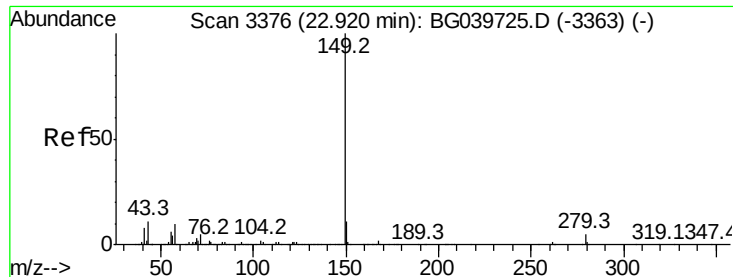
Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Tgt Ion:149 Resp: 480808

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	4.7	3.5	5.3

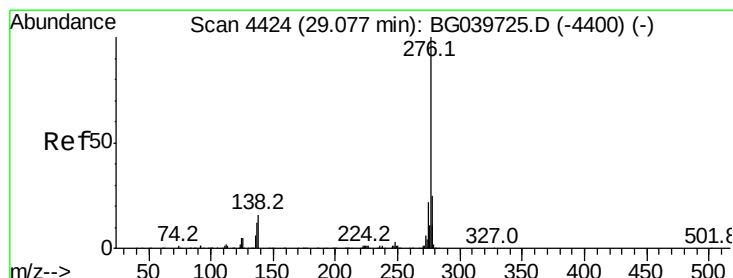
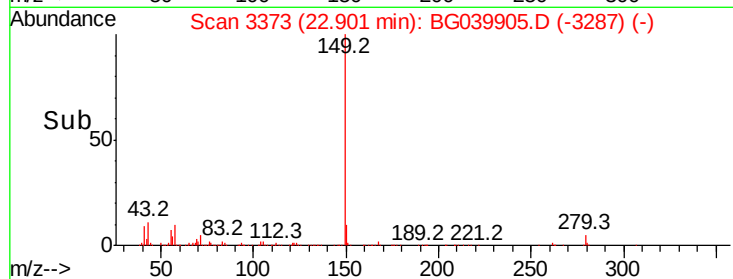
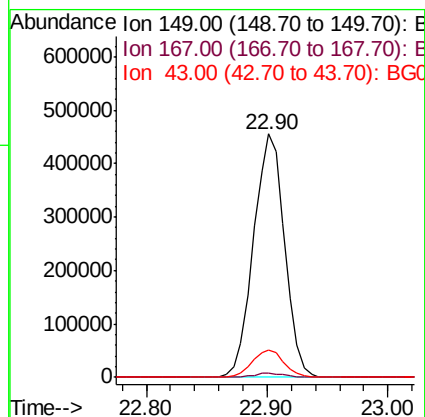
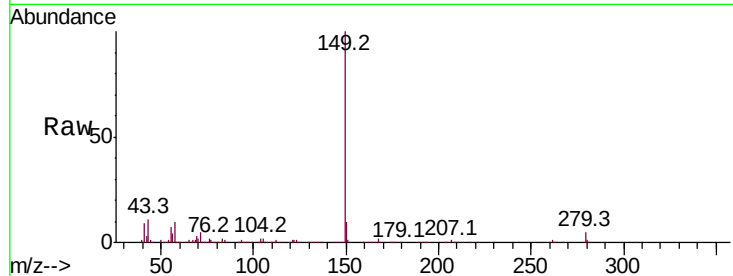




#85
Di-n-octyl phthalate
Concen: 43.887 ng
RT: 22.90 min Scan# 3373
Delta R.T. -0.03 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

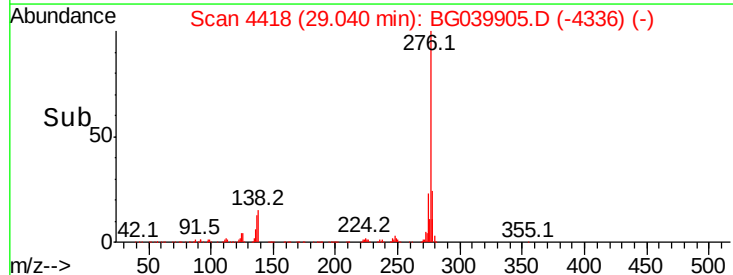
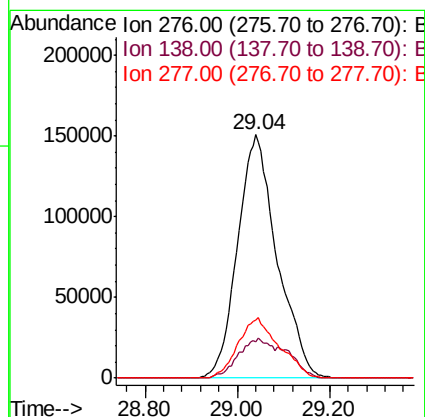
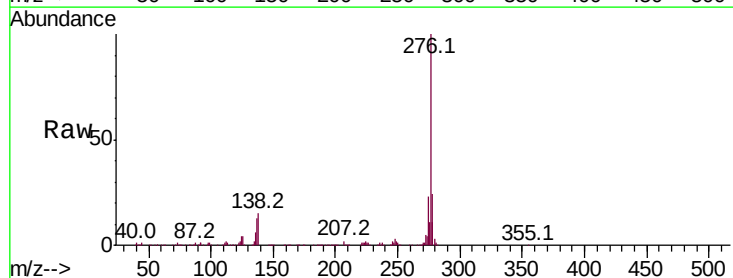
Instrument :
BNA_G
ClientSampleId :

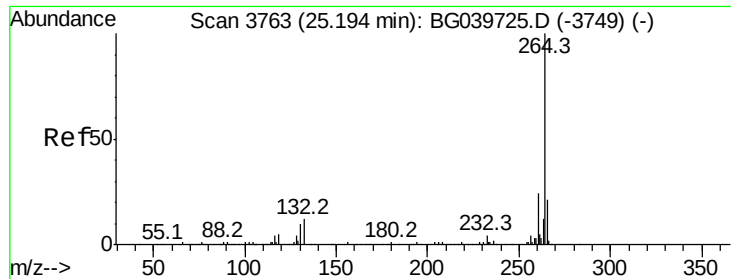
Tot Ion:149 Resp: 814974
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.4 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.976 ng
RT: 29.04 min Scan# 4418
Delta R.T. -0.05 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion:276 Resp: 895397
Ion Ratio Lower Upper
276 100
138 19.8 12.6 19.0#
277 25.9 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

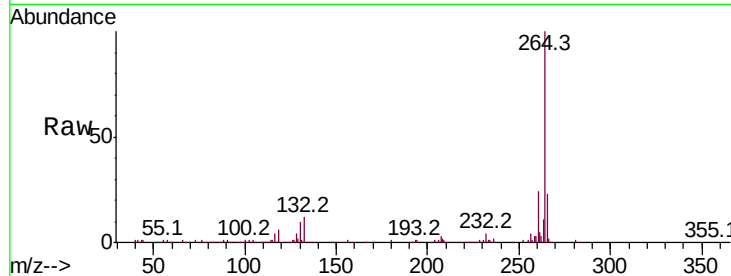
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 333937

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	22.8	18.5	27.7

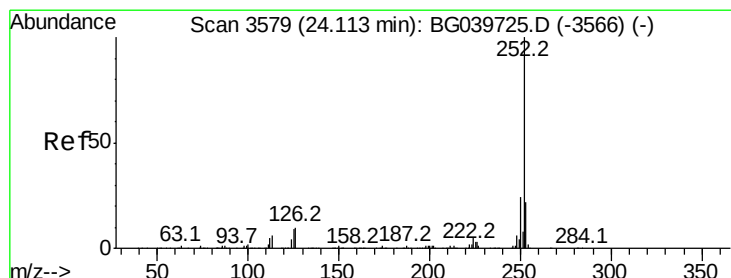
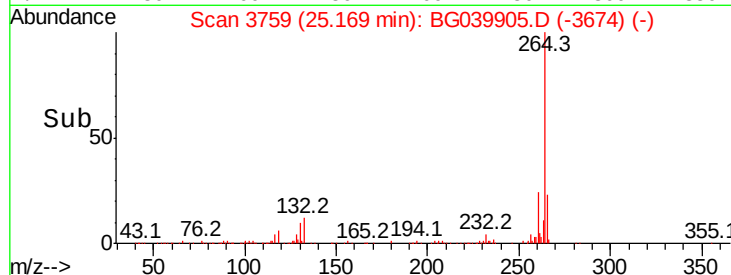
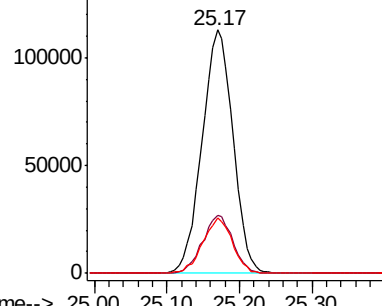


Abundance

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: 39.848 ng

RT: 24.09 min Scan# 3576

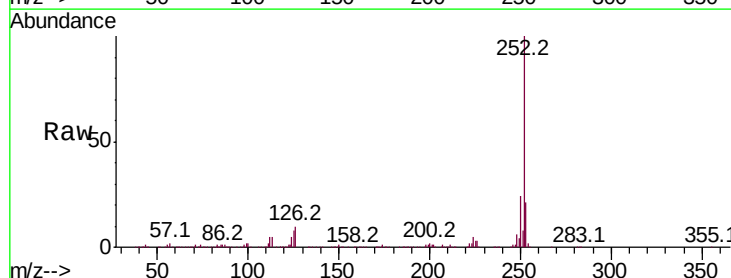
Delta R.T. -0.03 min

Lab File: BG039905.D

Acq: 13 Mar 2019 16:45

Tgt Ion:252 Resp: 793514

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	8.5	7.8	11.6

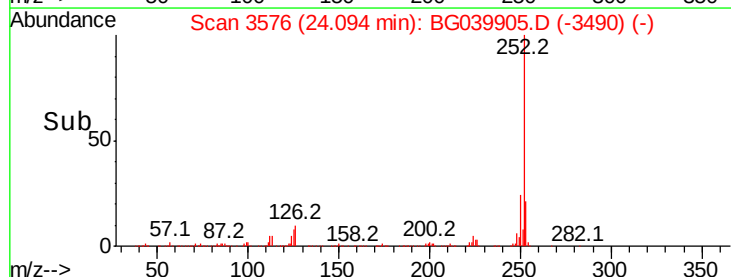
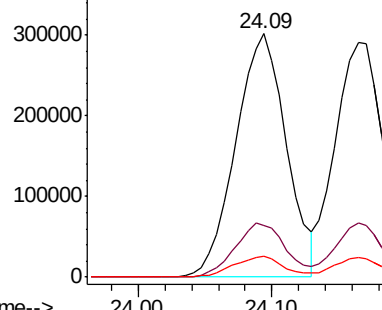


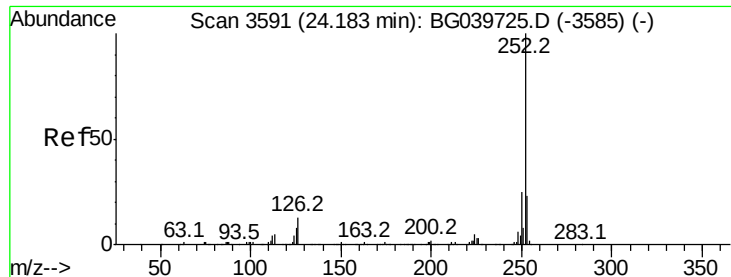
Abundance

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

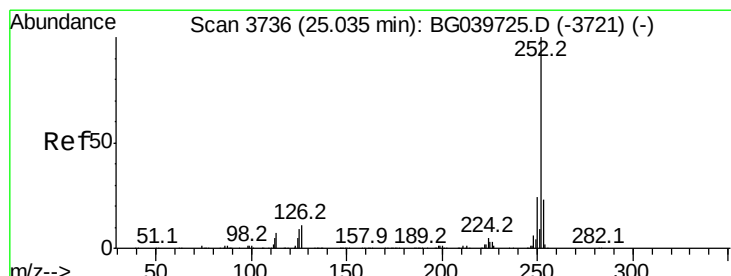
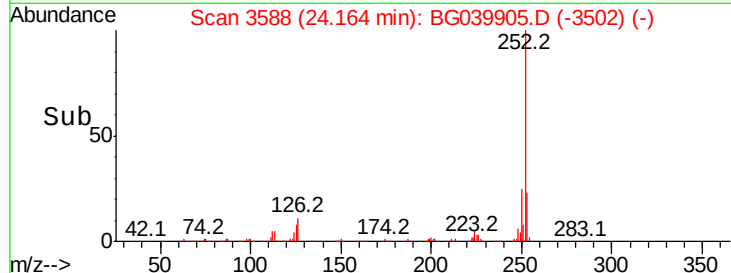
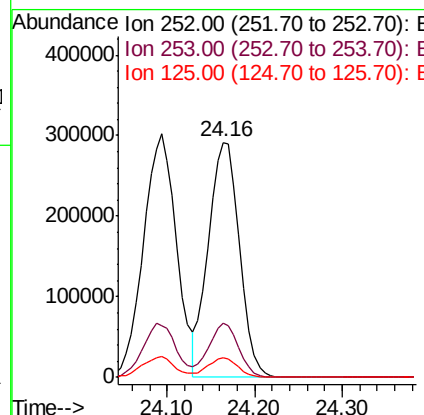
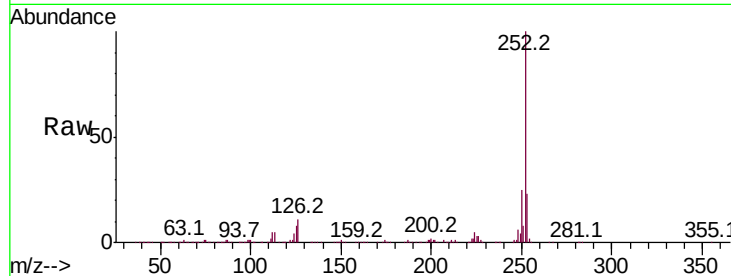




#89
Benzo(k)fluoranthene
Concen: 38.853 ng
RT: 24.16 min Scan# 3588
Delta R.T. -0.03 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

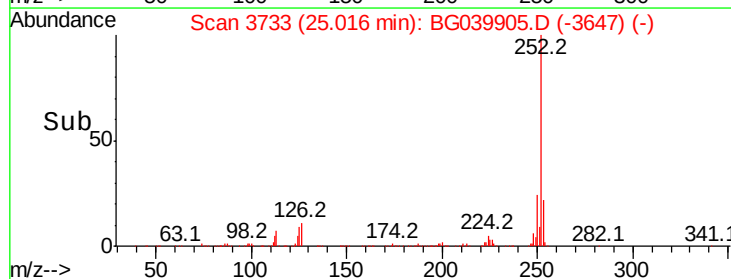
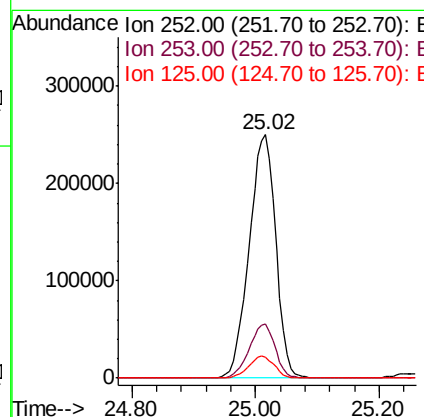
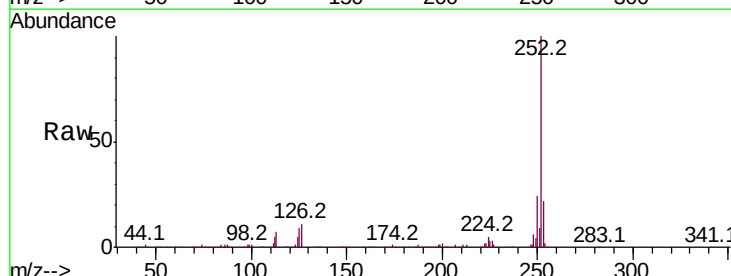
Instrument :
BNA_G
ClientSampleId :

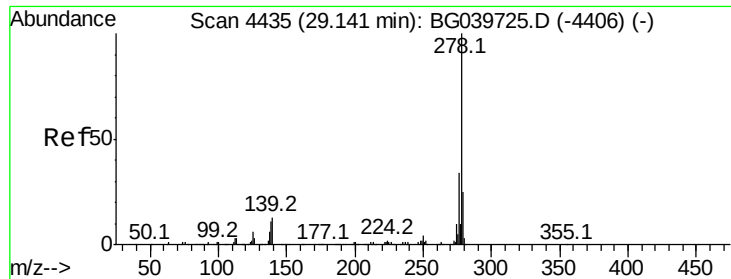
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	8.2	7.4	11.2



#90
Benzo(a)pyrene
Concen: 40.454 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.03 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	8.8	8.3	12.5

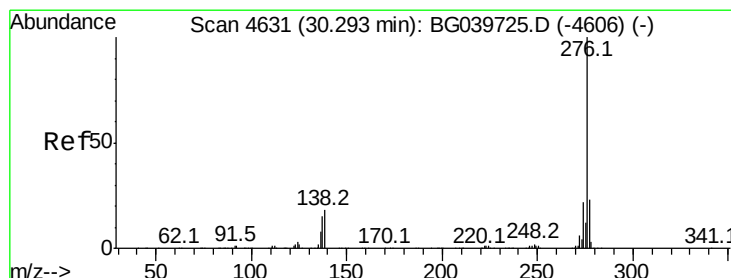
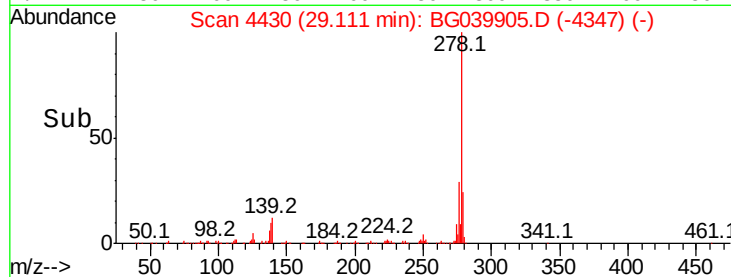
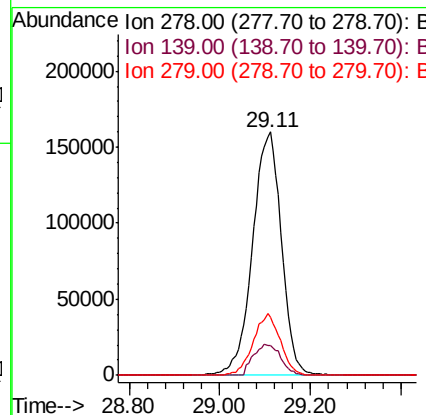
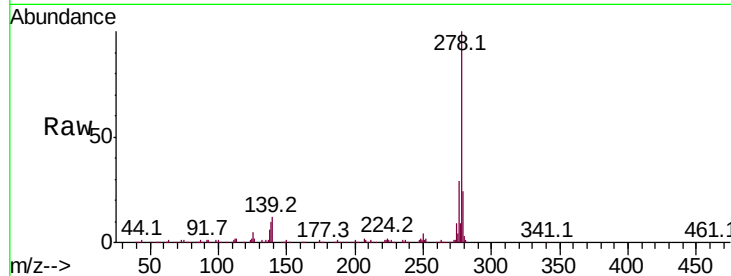




#91
Dibenzo(a,h)anthracene
Concen: 39.158 ng
RT: 29.11 min Scan# 4430
Delta R.T. -0.04 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.1	11.7	17.5
279	23.9	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 39.793 ng
RT: 30.27 min Scan# 4627
Delta R.T. -0.04 min
Lab File: BG039905.D
Acq: 13 Mar 2019 16:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	17.2	14.7	22.1

