

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040125.D
 Acq On : 25 Mar 2019 20:13
 Operator : JU/SJ
 Sample : K2040-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Quant Time: Mar 26 02:55:45 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	37291	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	159921	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	116124	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	294178	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	288954	20.00	ng	-0.03
87) Perylene-d12	25.16	264	297994	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	281847	128.94	ng	-0.02
7) Phenol-d6	7.29	99	393518	120.74	ng	-0.02
23) Nitrobenzene-d5	9.32	82	260058	87.95	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	204552	151.13	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	647896	79.44	ng	-0.02
79) Terphenyl-d14	20.11	244	1157241	88.18	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	32888	32.590	ng	# 44
3) Pyridine	3.99	79	77542	28.701	ng	93
4) n-Nitrosodimethylamine	3.90	42	45258	35.312	ng	# 74
6) Aniline	7.47	93	39084	9.153	ng	97
8) 2-Chlorophenol	7.70	128	110225	41.565	ng	96
9) Benzaldehyde	7.28	77	29281	13.927	ng	90
10) Phenol	7.32	94	132609	37.558	ng	96
11) bis(2-Chloroethyl)ether	7.56	93	107492	39.047	ng	96
12) 1,3-Dichlorobenzene	8.03	146	108150	36.060	ng	95
13) 1,4-Dichlorobenzene	8.18	146	111990	36.659	ng	96
14) 1,2-Dichlorobenzene	8.50	146	109270	37.020	ng	98
15) Benzyl Alcohol	8.38	79	101605	39.299	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	195317	35.475	ng	100
17) 2-Methylphenol	8.57	107	94158	41.822	ng	97
18) Hexachloroethane	9.22	117	37955	34.625	ng	98
19) n-Nitroso-di-n-propylamine	8.94	70	87817	37.434	ng	89
20) 3+4-Methylphenols	8.90	107	134424	42.979	ng	97
22) Acetophenone	8.97	105	168139	39.173	ng	# 93
24) Nitrobenzene	9.36	77	129810	41.847	ng	96
25) Isophorone	9.87	82	258765	41.766	ng	99
26) 2-Nitrophenol	10.07	139	65570	43.780	ng	96
27) 2,4-Dimethylphenol	10.11	122	115127	49.425	ng	94
28) bis(2-Chloroethoxy)methane	10.35	93	156360	41.529	ng	98
29) 2,4-Dichlorophenol	10.60	162	128632	49.048	ng	97
30) 1,2,4-Trichlorobenzene	10.82	180	123447	41.831	ng	96
31) Naphthalene	11.01	128	350799	41.431	ng	99
32) Benzoic acid	10.24	122	32725	24.247	ng	97
33) 4-Chloroaniline	11.14	127	9069	2.526	ng	# 88
34) Hexachlorobutadiene	11.27	225	79969	39.655	ng	96
35) Caprolactam	11.91	113	24782	24.737	ng	# 82
36) 4-Chloro-3-methylphenol	12.23	107	141818	47.173	ng	99
37) 2-Methylnaphthalene	12.60	142	272984	43.124	ng	98
38) 1-Methylnaphthalene	12.82	142	261423	42.495	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	154916	39.379	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	177704	84.290	ng	100
43) 2,4,6-Trichlorophenol	13.20	196	110018	47.768	ng	98
44) 2,4,5-Trichlorophenol	13.28	196	121661	46.863	ng	98
46) 1,1'-Biphenyl	13.60	154	379178	39.700	ng	99
47) 2-Chloronaphthalene	13.65	162	294897	41.042	ng	98
48) 2-Nitroaniline	13.86	65	103099	44.649	ng	93
49) Acenaphthylene	14.50	152	486176	41.218	ng	99
50) Dimethylphthalate	14.21	163	423167	43.580	ng	99
51) 2,6-Dinitrotoluene	14.35	165	94583	45.947	ng	94
52) Acenaphthene	14.83	154	297461	41.900	ng	99
53) 3-Nitroaniline	14.68	138	13423	6.487	ng	# 90
54) 2,4-Dinitrophenol	14.88	184	56288	45.767	ng	96
55) Dibenzofuran	15.17	168	495232	42.518	ng	99
56) 4-Nitrophenol	14.98	139	135056	72.961	ng	92
57) 2,4-Dinitrotoluene	15.13	165	138031	47.721	ng	85
58) Fluorene	15.81	166	398106	43.477	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	122968	48.500	ng	97
60) Diethylphthalate	15.57	149	430980	44.836	ng	97
61) 4-Chlorophenyl-phenylether	15.79	204	212643	43.519	ng	99
62) 4-Nitroaniline	15.85	138	91861	40.949	ng	93
63) Azobenzene	16.09	77	375928	43.144	ng	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	57641	33.139	ng	93
66) n-Nitrosodiphenylamine	16.02	169	374136	43.931	ng	99
67) 4-Bromophenyl-phenylether	16.69	248	143023	43.434	ng	95
68) Hexachlorobenzene	16.80	284	146584	42.946	ng	97
69) Atrazine	16.95	200	152453	45.484	ng	97
70) Pentachlorophenol	17.16	266	155255	72.023	ng	98
71) Phenanthrene	17.56	178	688345	42.481	ng	100
72) Anthracene	17.64	178	691326	43.782	ng	99
73) Carbazole	17.92	167	603526	42.397	ng	98
74) Di-n-butylphthalate	18.44	149	736260	43.959	ng	100
75) Fluoranthene	19.56	202	813444	42.478	ng	99
77) Benzidine	19.74	184	39095	4.264	ng	96
78) Pyrene	19.92	202	817412	43.534	ng	99
80) Butylbenzylphthalate	20.78	149	334251	45.949	ng	95
81) Benzo(a)anthracene	21.78	228	775695	42.833	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	73668	11.142	ng	98
83) Chrysene	21.85	228	730592	41.613	ng	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	462507	45.245	ng	100
85) Di-n-octyl phthalate	22.89	149	781889	46.195	ng	# 94
86) Indeno(1,2,3-cd)pyrene	29.02	276	863259	43.342	ng	# 97
88) Benzo(b)fluoranthene	24.08	252	779888	43.888	ng	98
89) Benzo(k)fluoranthene	24.15	252	738268	44.632	ng	99
90) Benzo(a)pyrene	25.00	252	746482	45.461	ng	97
91) Dibenzo(a,h)anthracene	29.09	278	711205	44.180	ng	98
92) Benzo(g,h,i)perylene	30.25	276	724053	44.784	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

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S4B(2-10)MSD

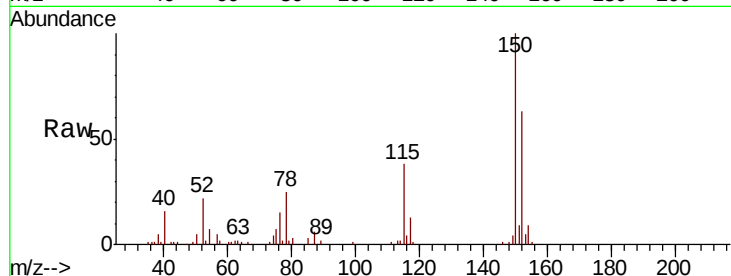
Tgt Ion:152 Resp: 37291

Ion Ratio Lower Upper

152 100

150 157.7 123.7 185.5

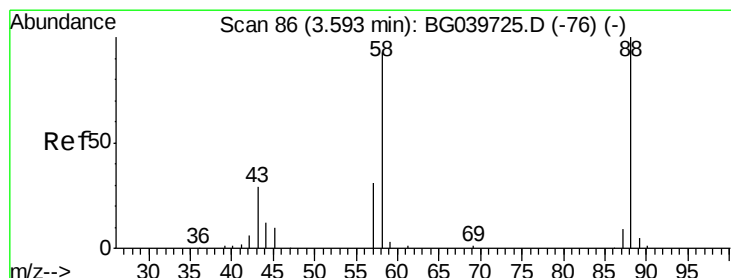
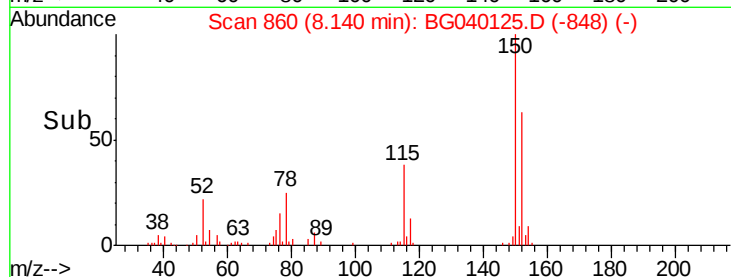
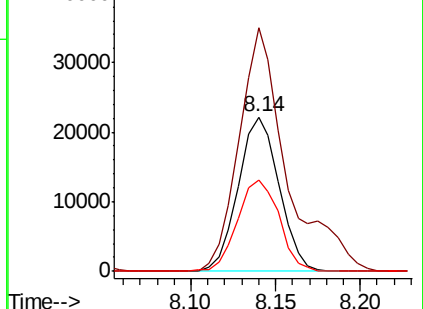
115 59.5 45.9 68.9



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: 32.590 ng

RT: 3.59 min Scan# 85

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

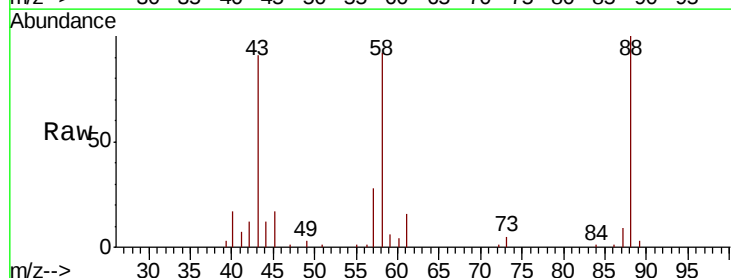
Tgt Ion: 88 Resp: 32888

Ion Ratio Lower Upper

88 100

58 93.7 81.1 121.7

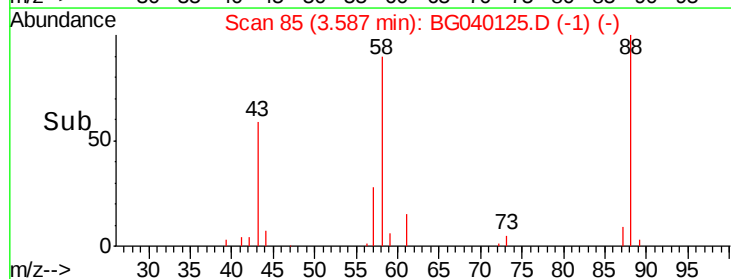
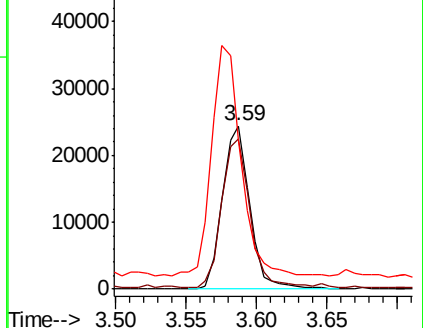
43 150.9 31.4 47.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 28.701 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

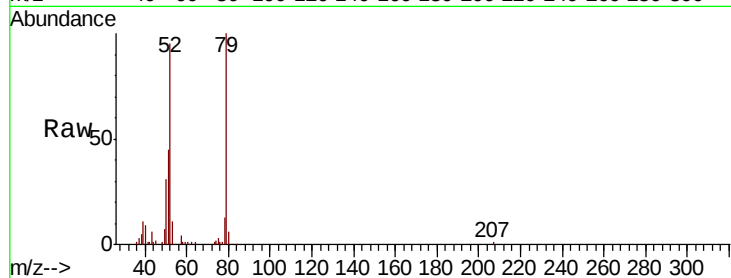
Tgt Ion: 79 Resp: 77542

Ion Ratio Lower Upper

79 100

52 95.2 82.6 124.0

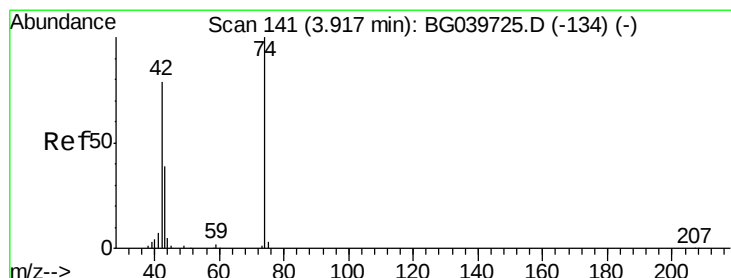
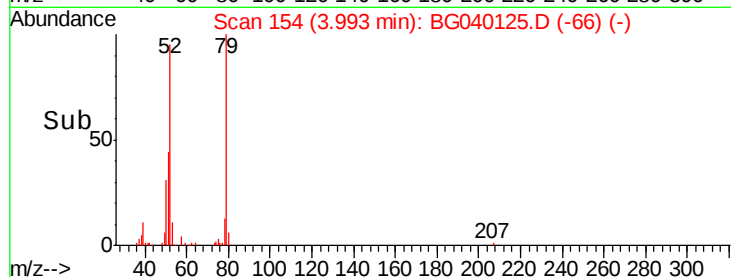
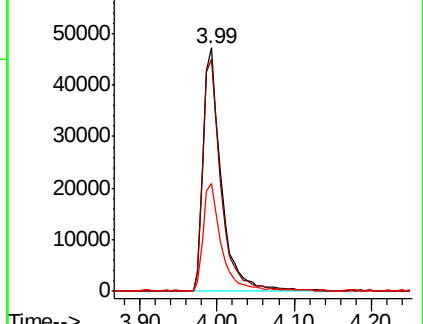
51 44.5 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.312 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

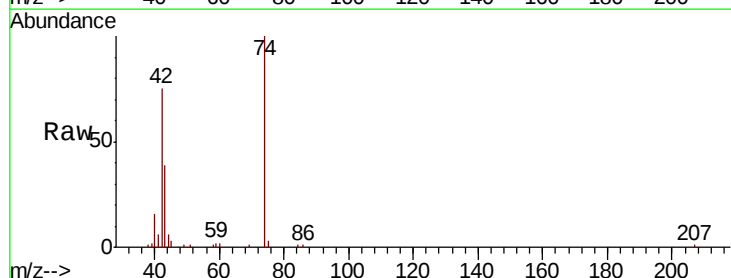
Tgt Ion: 42 Resp: 45258

Ion Ratio Lower Upper

42 100

74 132.7 83.6 125.4#

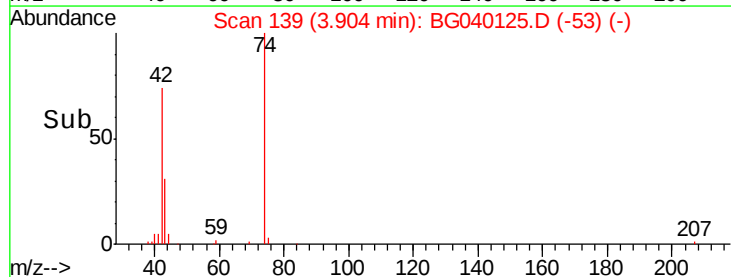
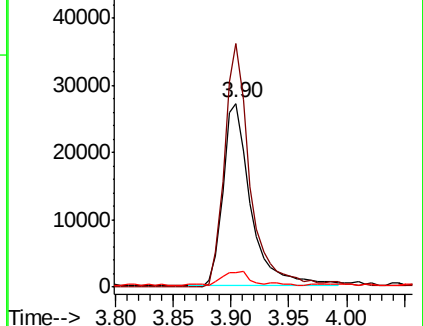
44 8.1 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 128.941 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

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S4B(2-10)MSD

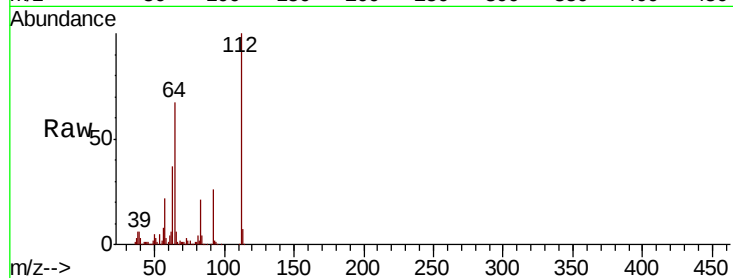
Tgt Ion: 112 Resp: 281847

Ion Ratio Lower Upper

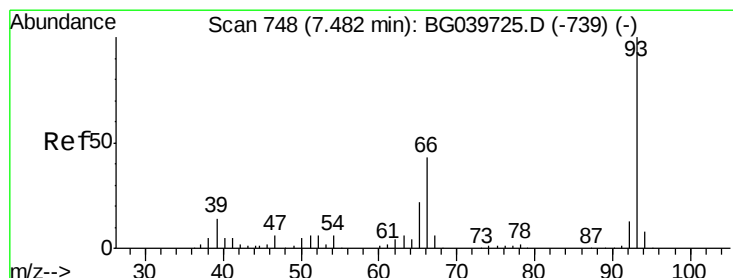
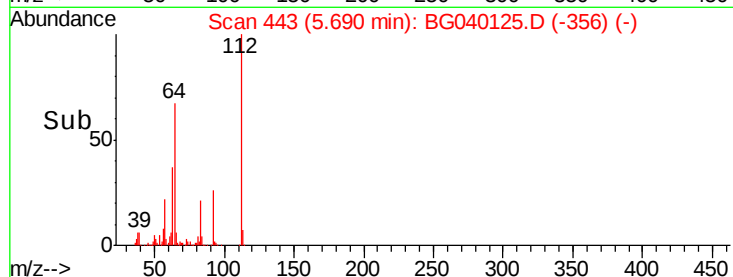
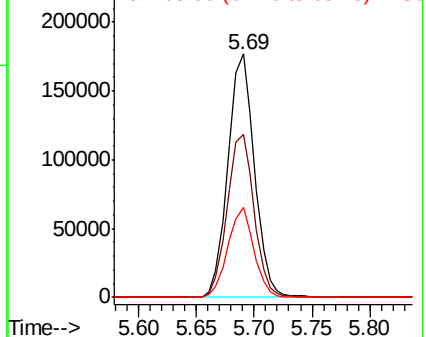
112 100

64 66.8 57.8 86.8

63 36.7 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: 9.153 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

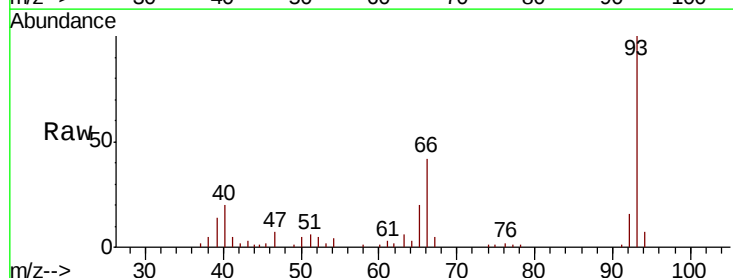
Tgt Ion: 93 Resp: 39084

Ion Ratio Lower Upper

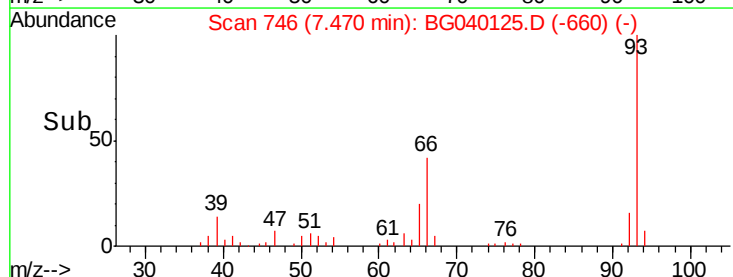
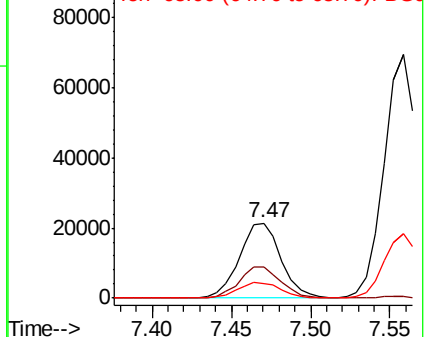
93 100

66 41.5 34.2 51.4

65 19.8 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: 120.739 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

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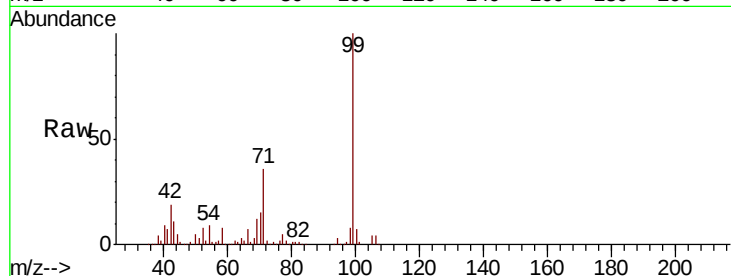
Tgt Ion: 99 Resp: 393518

Ion Ratio Lower Upper

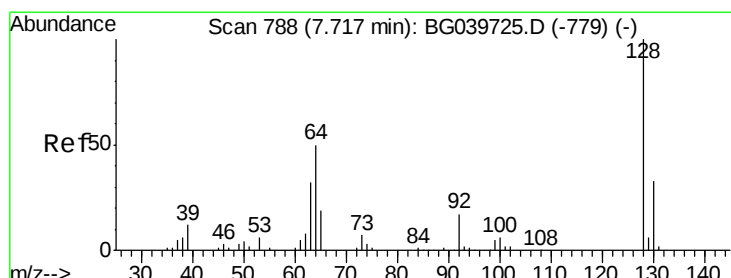
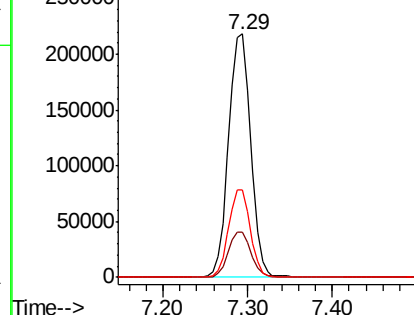
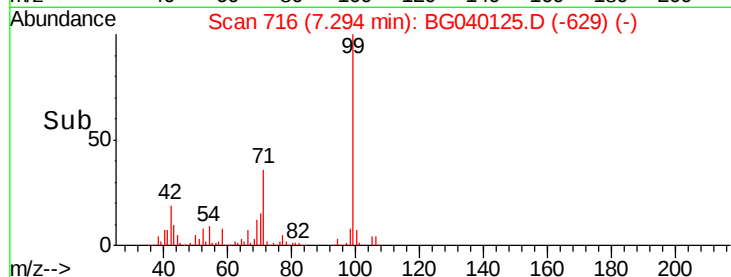
99 100

42 18.8 18.2 27.2

71 35.9 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: 41.565 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

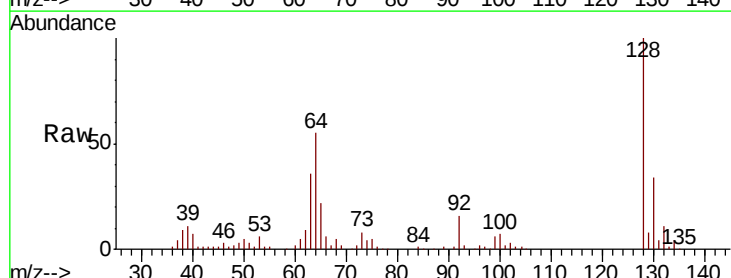
Tgt Ion: 128 Resp: 110225

Ion Ratio Lower Upper

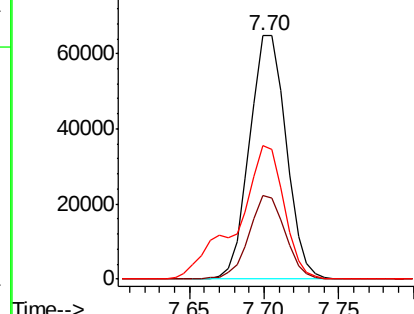
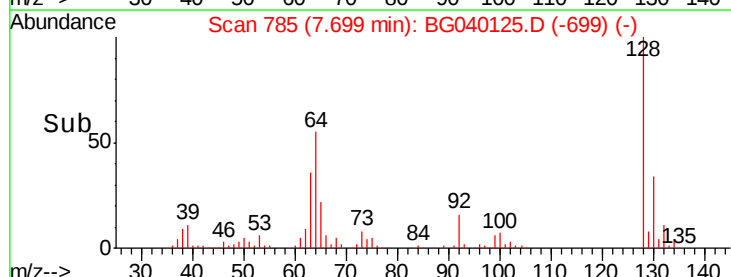
128 100

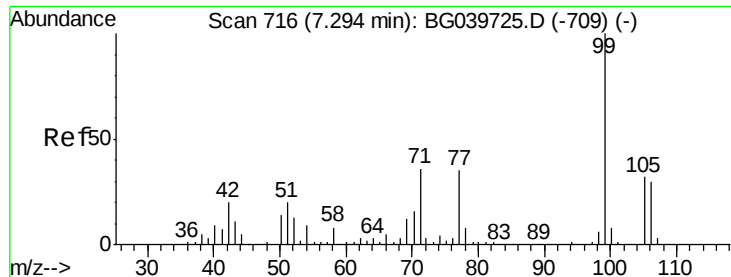
130 34.2 12.9 52.9

64 54.7 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: 13.927 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

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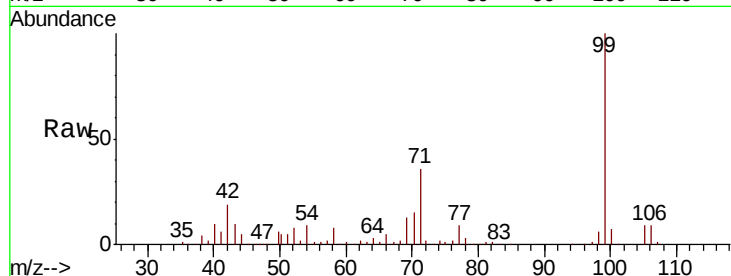
Tgt Ion: 77 Resp: 29281

Ion Ratio Lower Upper

77 100

105 101.1 74.5 114.5

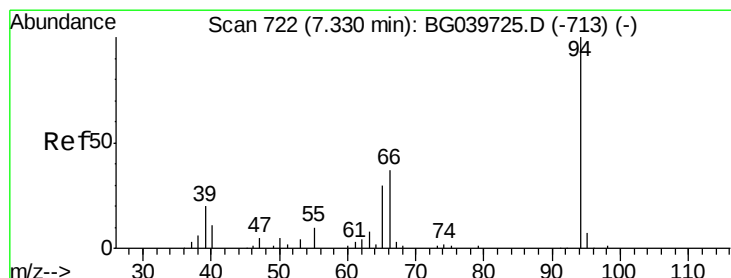
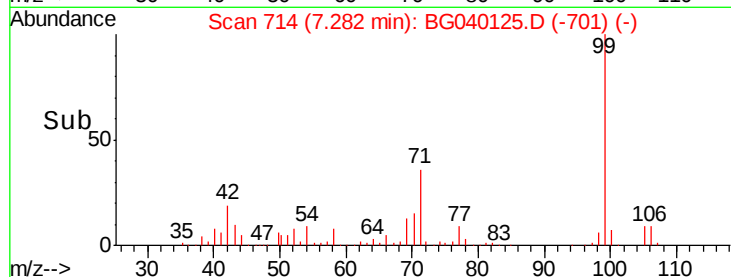
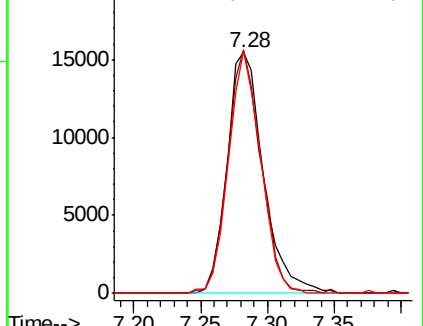
106 100.5 68.0 108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.558 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

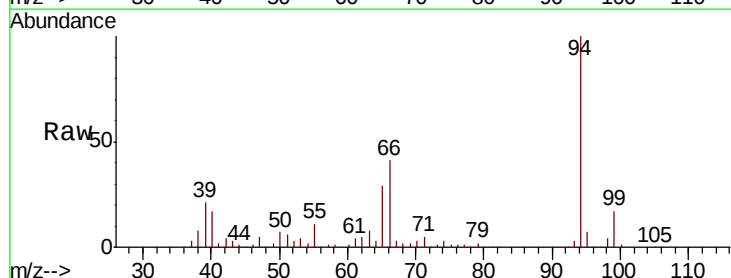
Tgt Ion: 94 Resp: 132609

Ion Ratio Lower Upper

94 100

65 29.1 11.7 51.7

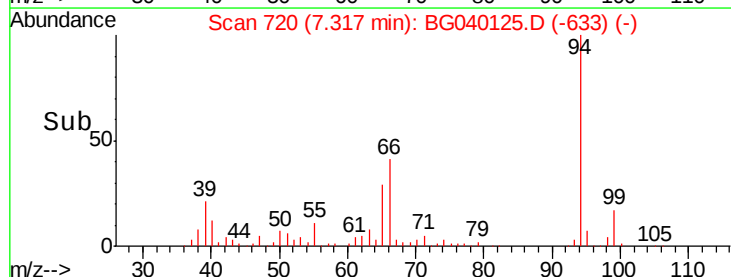
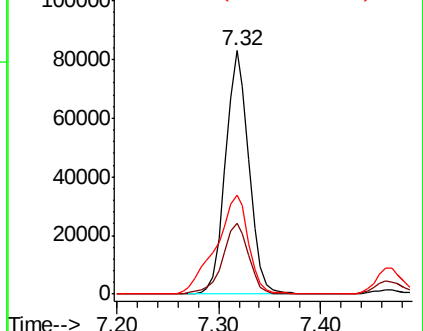
66 40.9 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

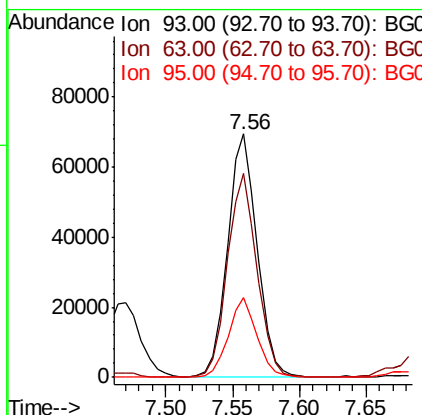
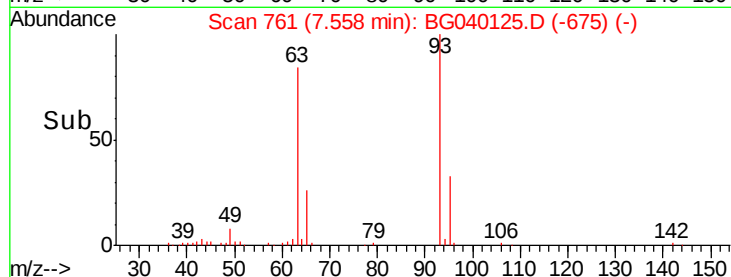
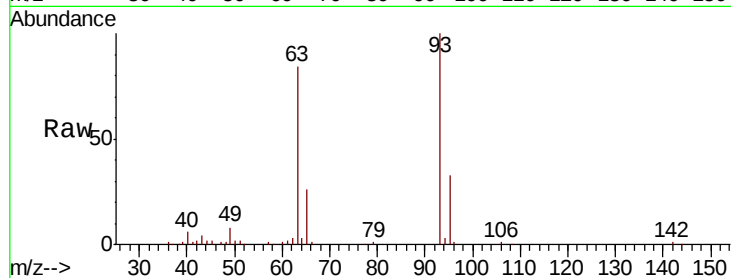




#11
bis(2-Chloroethyl)ether
Concen: 39.047 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

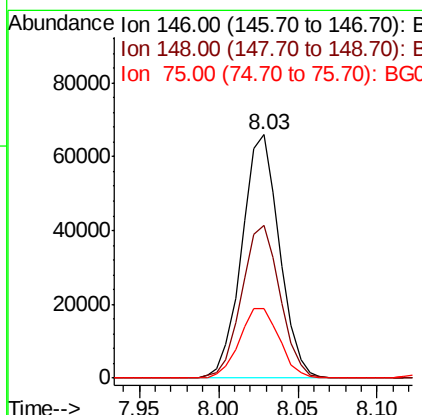
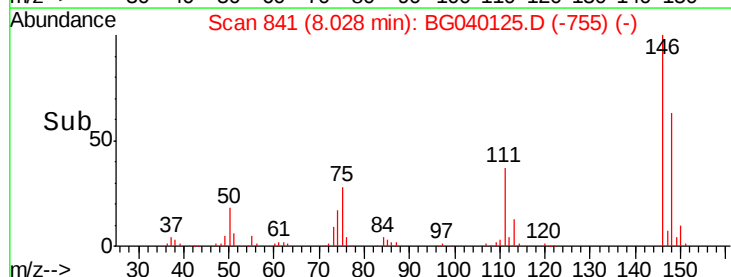
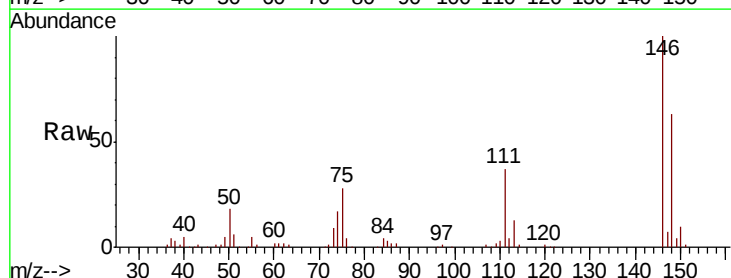
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

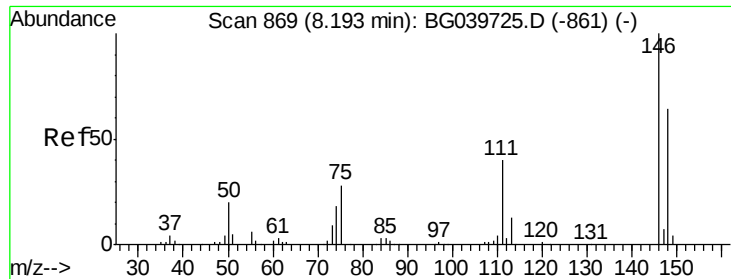
Tgt Ion: 93 Resp: 107492
Ion Ratio Lower Upper
93 100
63 83.9 69.5 109.5
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 36.060 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion: 146 Resp: 108150
Ion Ratio Lower Upper
146 100
148 62.7 52.6 79.0
75 28.5 25.8 38.6

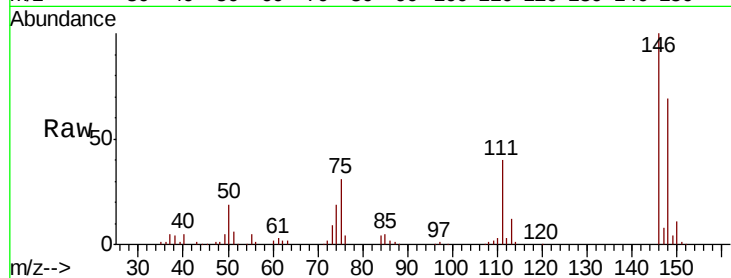




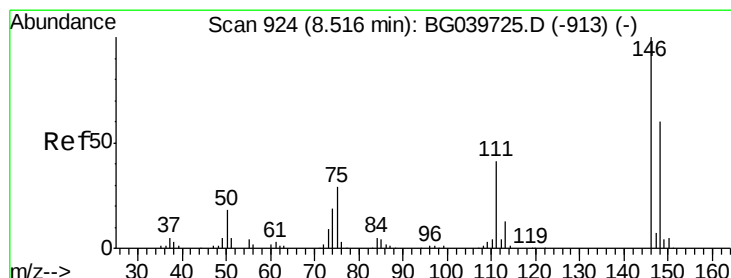
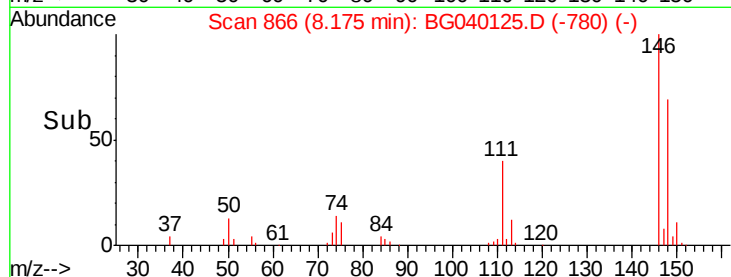
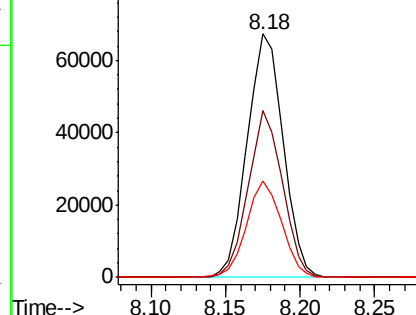
#13
 1,4-Dichlorobenzene
 Concen: 36.659 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion:146 Resp: 111990
 Ion Ratio Lower Upper
 146 100
 148 68.5 51.1 76.7
 111 39.7 32.6 48.8

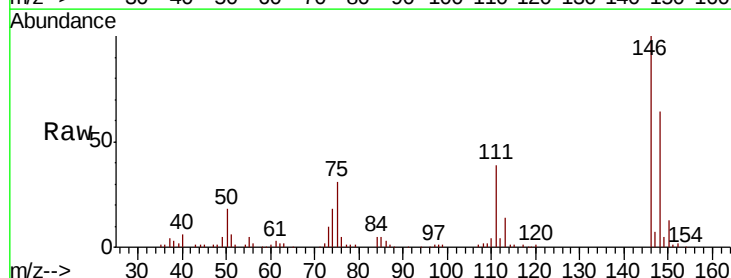


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

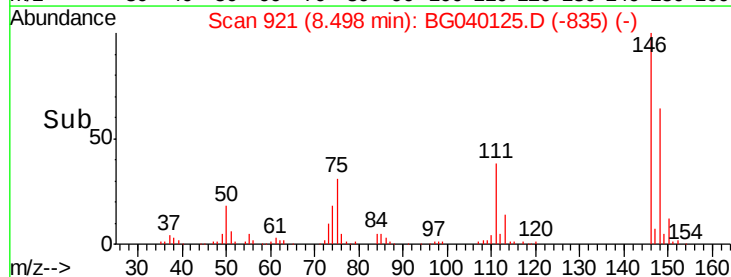
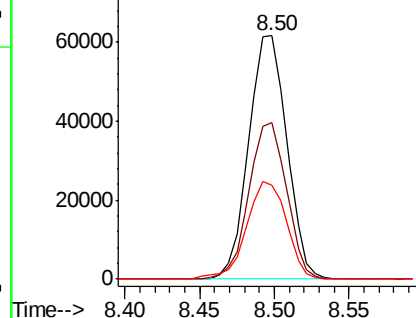


#14
 1,2-Dichlorobenzene
 Concen: 37.020 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion:146 Resp: 109270
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.5 77.3
 111 38.5 33.8 50.6



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

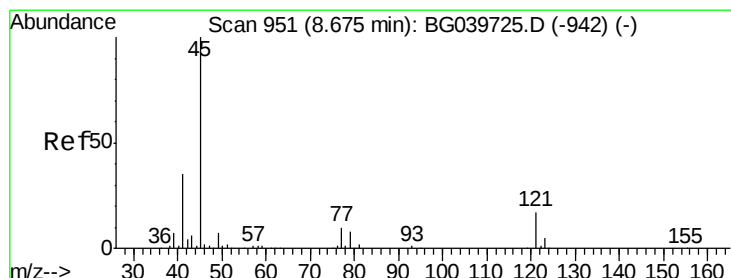
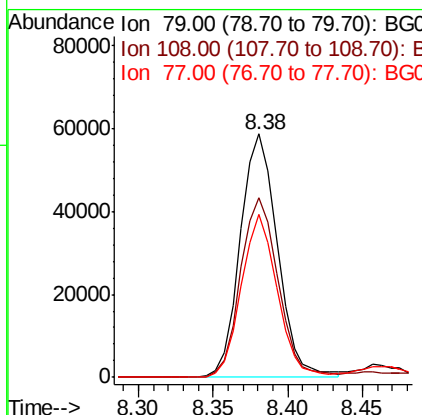
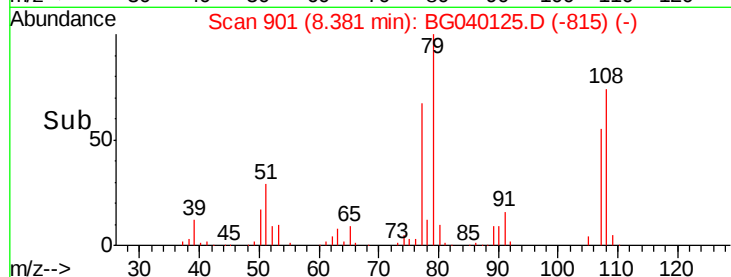
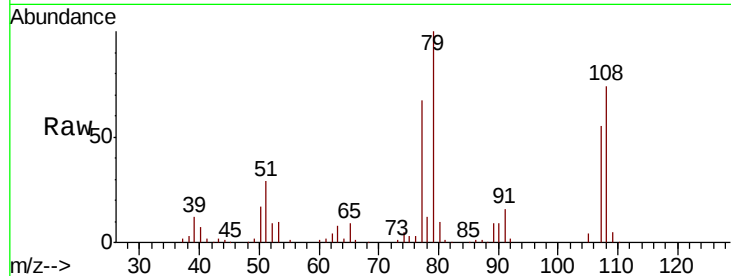




#15
Benzyl Alcohol
Concen: 39.299 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

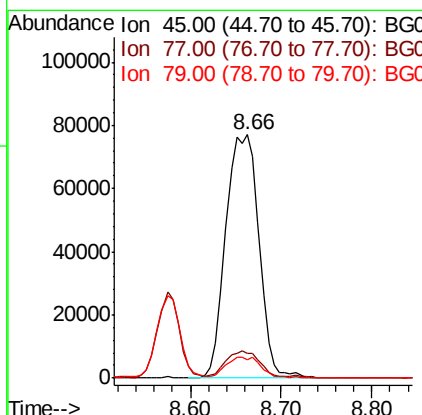
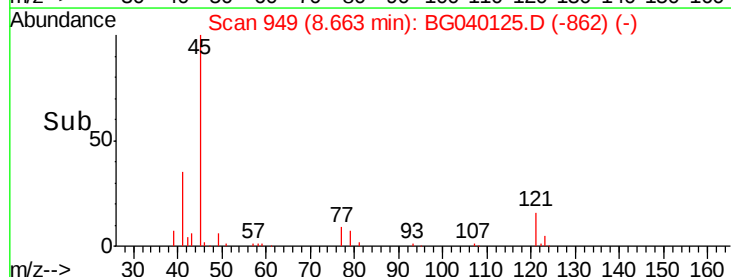
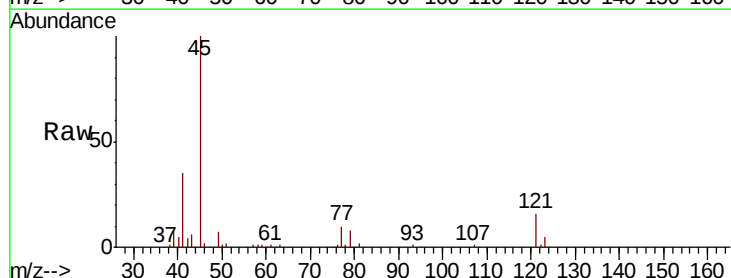
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

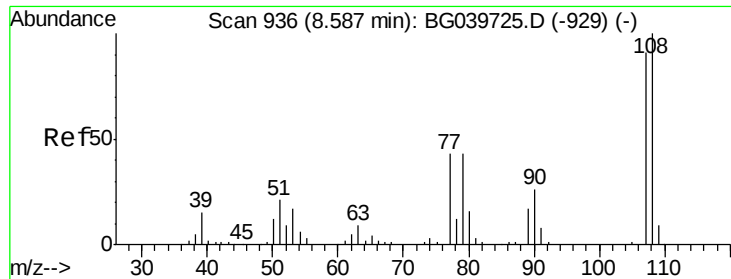
Tgt Ion: 79 Resp: 101605
Ion Ratio Lower Upper
79 100
108 73.6 57.8 86.6
77 66.7 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.475 ng
RT: 8.66 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion: 45 Resp: 195317
Ion Ratio Lower Upper
45 100
77 10.0 0.0 30.0
79 7.8 0.0 27.5

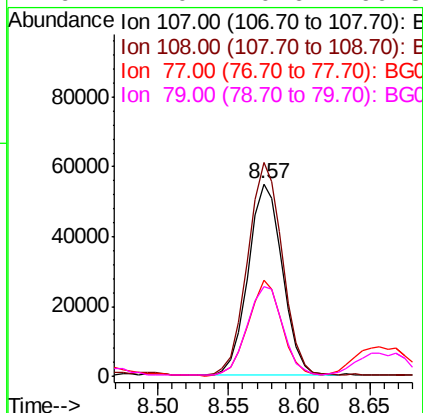
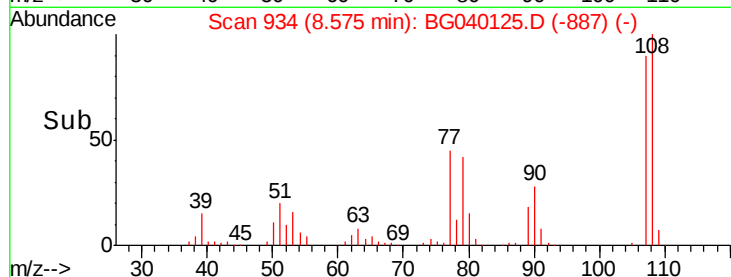
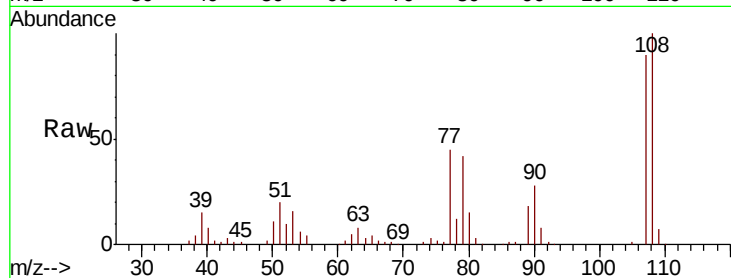




#17
2-Methylphenol
Concen: 41.822 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

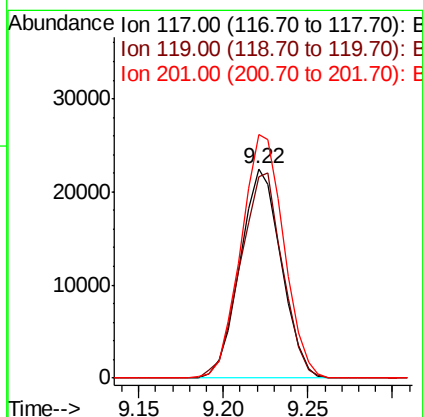
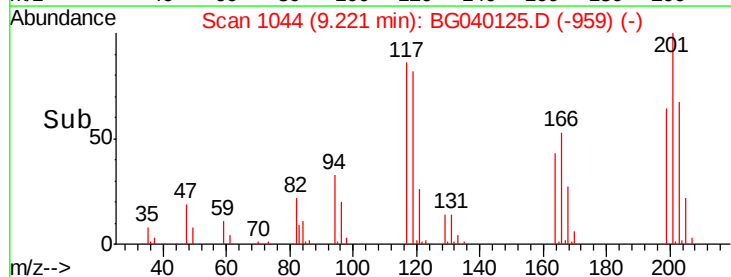
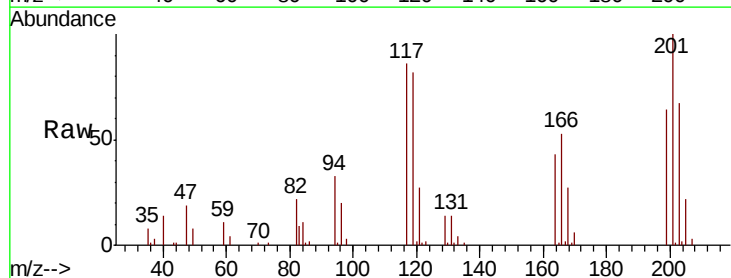
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

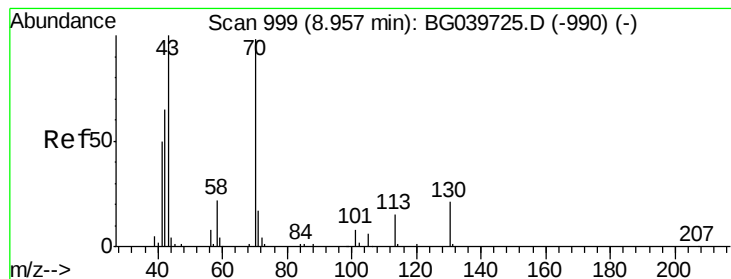
Tgt Ion:	107	Resp:	94158
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.8	136.2
77	49.8	40.7	61.1
79	47.0	40.6	60.8



#18
Hexachloroethane
Concen: 34.625 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion:	117	Resp:	37955
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.3	114.5
201	116.4	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.434 ng

RT: 8.94 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

Tgt Ion: 70 Resp: 87817

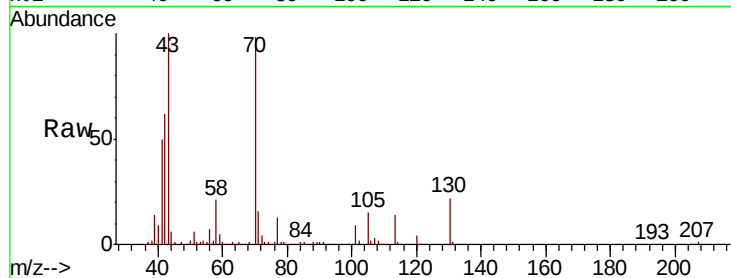
Ion Ratio Lower Upper

70 100

42 63.2 60.4 90.6

101 9.0 7.5 11.3

130 22.2 16.9 25.3



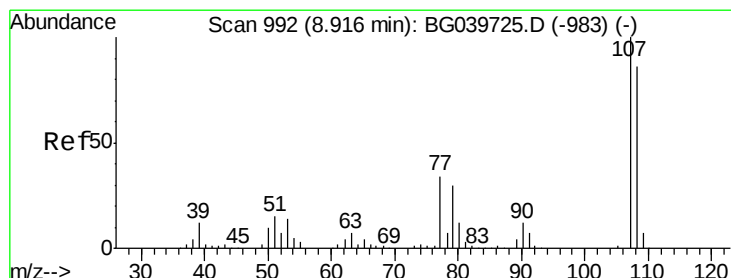
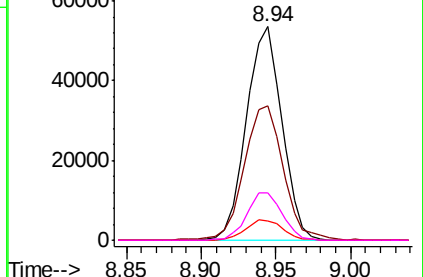
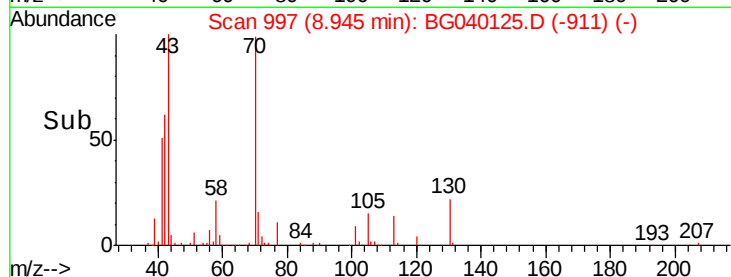
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Time-->



#20

3+4-Methylphenols

Concen: 42.979 ng

RT: 8.90 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Tgt Ion: 107 Resp: 134424

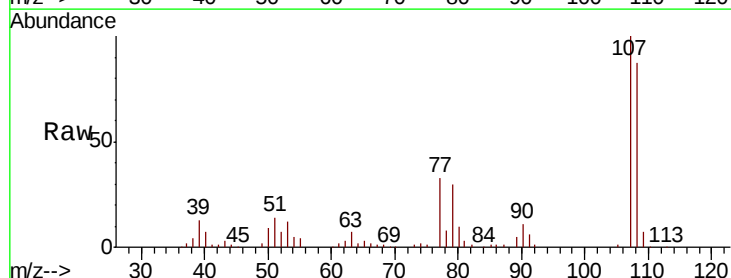
Ion Ratio Lower Upper

107 100

108 86.7 67.9 107.9

77 33.0 15.4 55.4

79 30.1 13.7 53.7



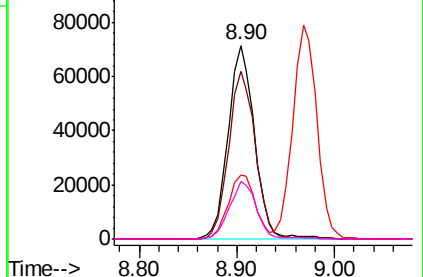
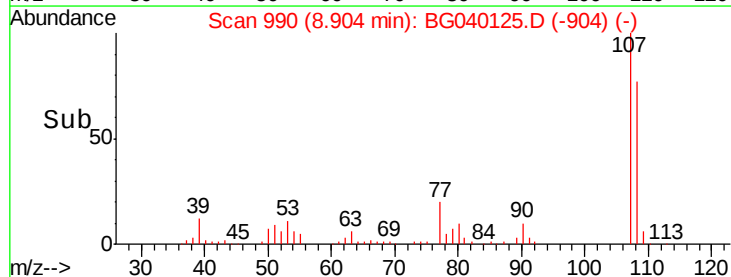
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->

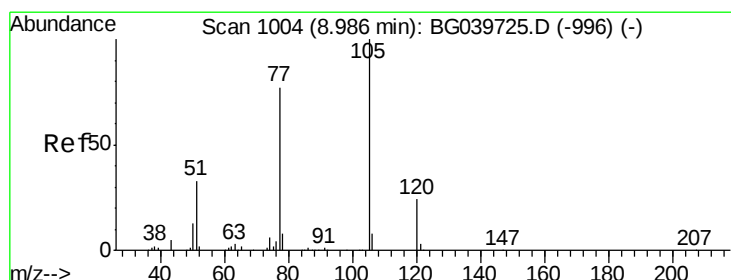
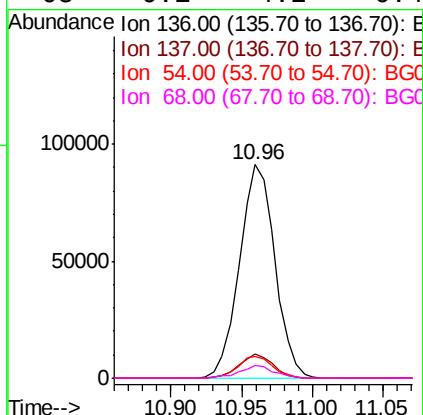
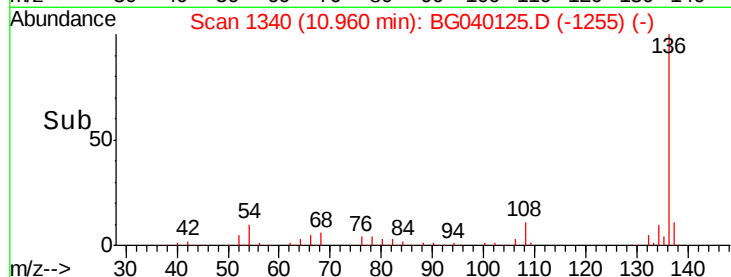
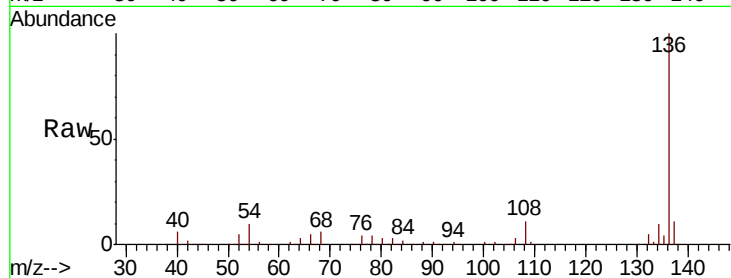




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

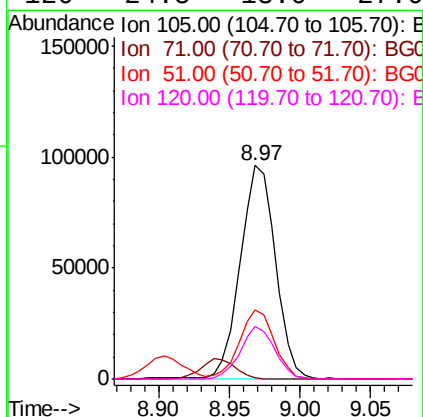
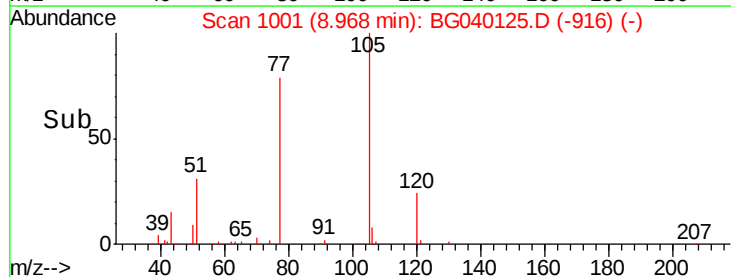
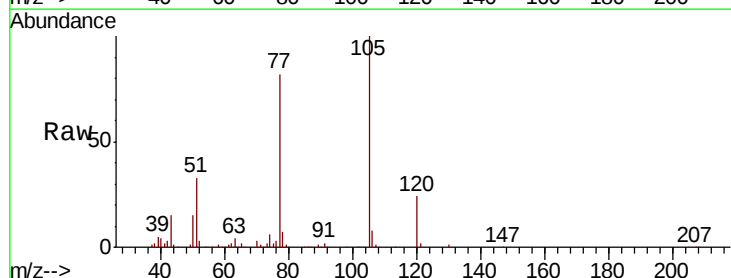
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

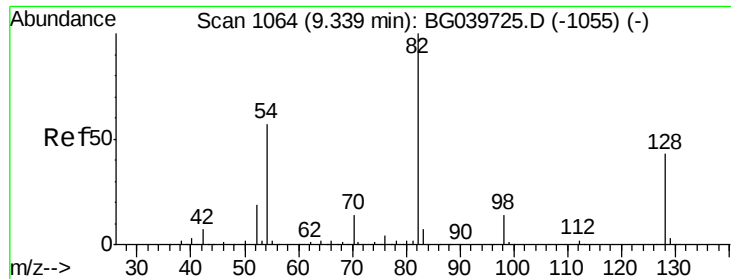
Tgt Ion:	136	Resp:	159921
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.5	9.4	14.2
68	6.1	4.2	6.4



#22
Acetophenone
Concen: 39.173 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion:	105	Resp:	168139
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.8	1.2#
51	32.5	30.2	45.2
120	24.5	18.0	27.0

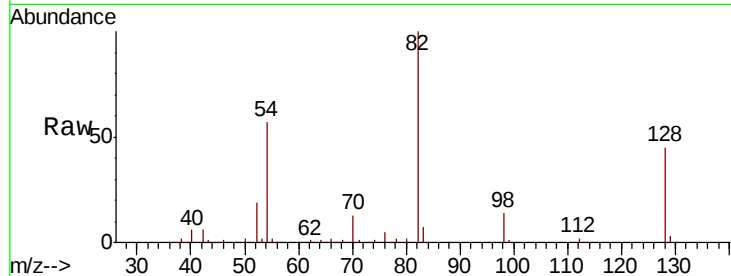




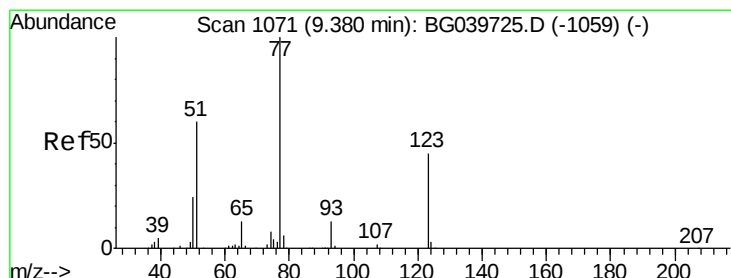
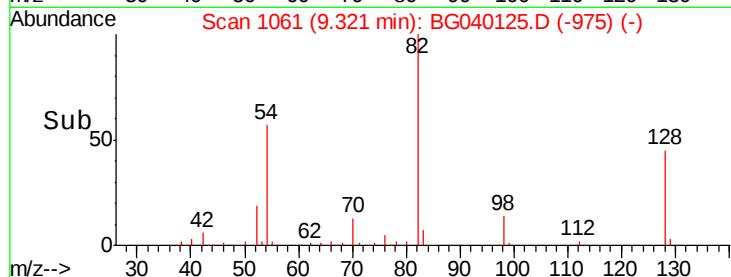
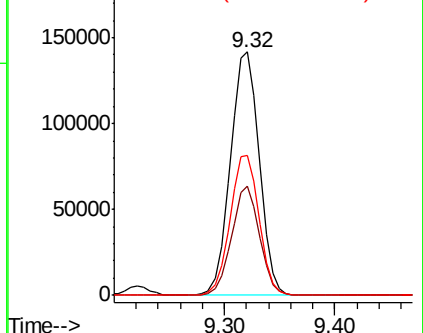
#23
 Nitrobenzene-d5
 Concen: 87.950 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion: 82 Resp: 260058
 Ion Ratio Lower Upper
 82 100
 128 44.9 31.3 46.9
 54 57.2 50.9 76.3

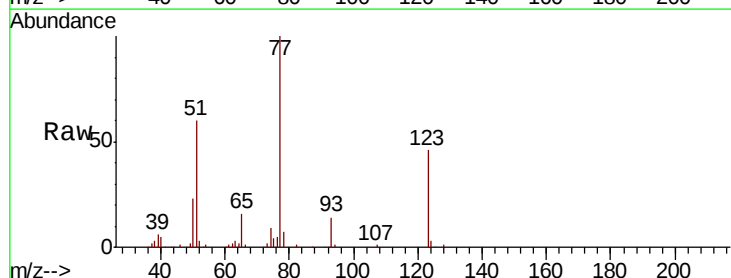


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

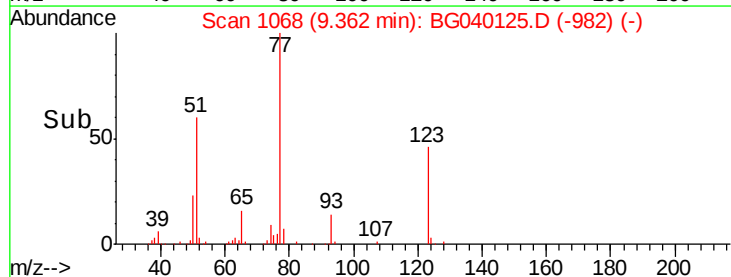
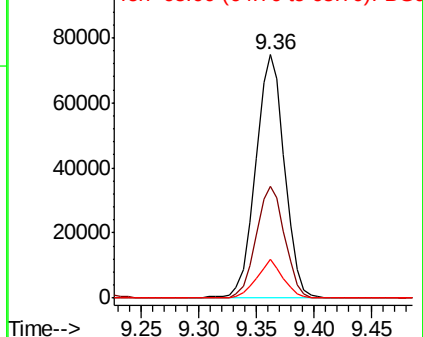


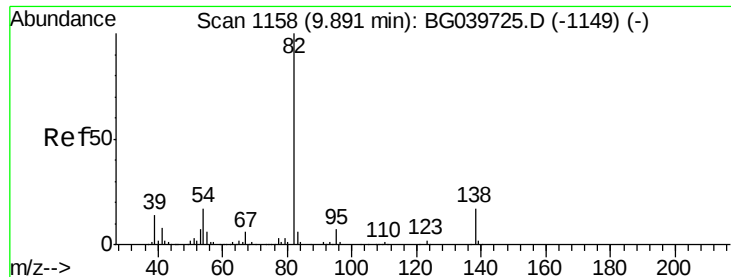
#24
 Nitrobenzene
 Concen: 41.847 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion: 77 Resp: 129810
 Ion Ratio Lower Upper
 77 100
 123 45.8 34.1 51.1
 65 16.1 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 41.766 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

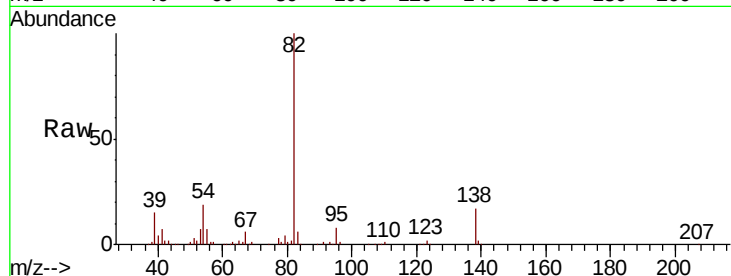
Tgt Ion: 82 Resp: 258765

Ion Ratio Lower Upper

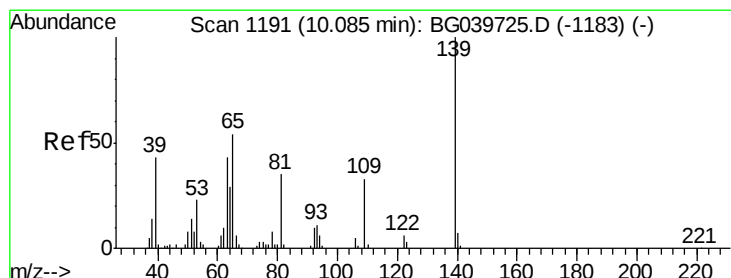
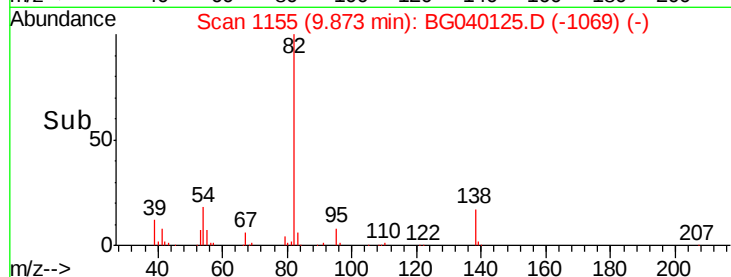
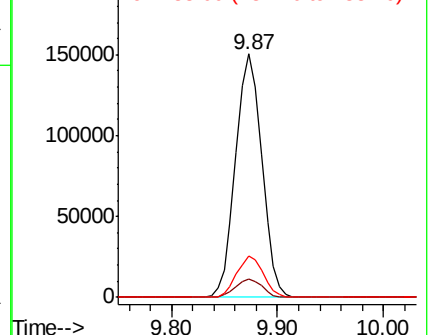
82 100

95 7.6 6.2 9.2

138 16.9 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: 43.780 ng

RT: 10.07 min Scan# 1188

Delta R.T. -0.03 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

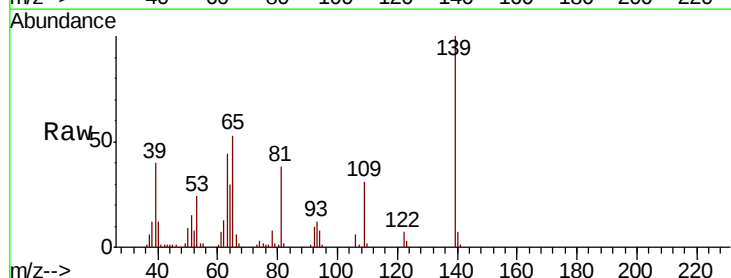
Tgt Ion: 139 Resp: 65570

Ion Ratio Lower Upper

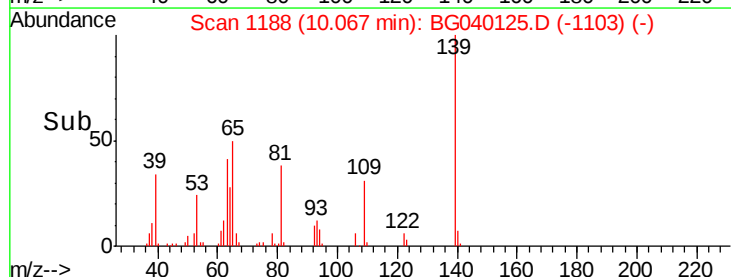
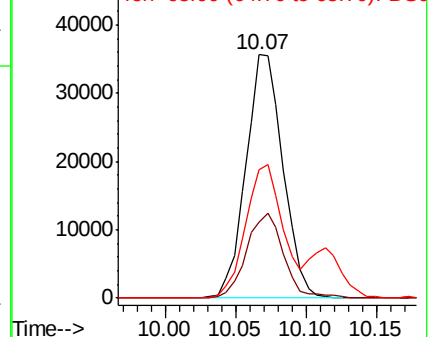
139 100

109 31.4 23.4 35.0

65 52.9 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

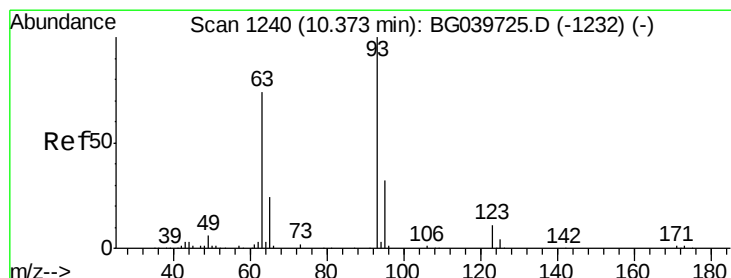
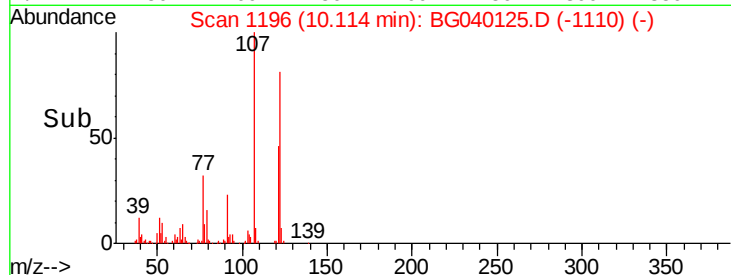
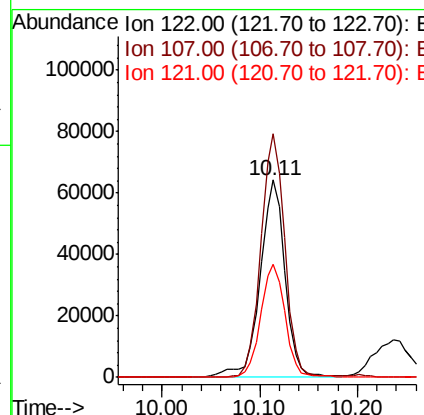
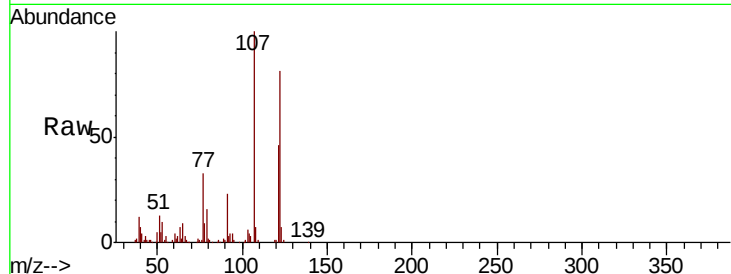




#27
2,4-Dimethylphenol
Concen: 49.425 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

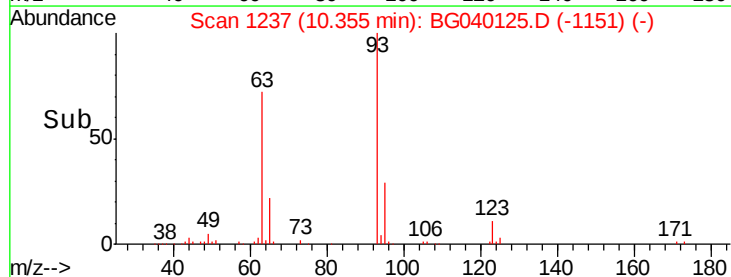
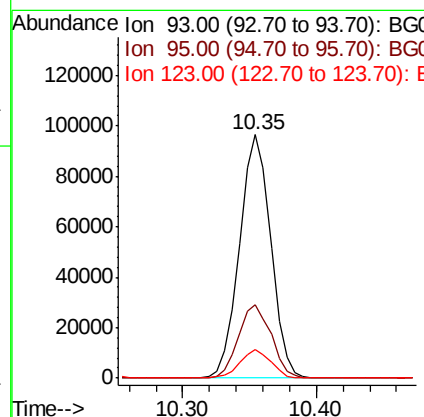
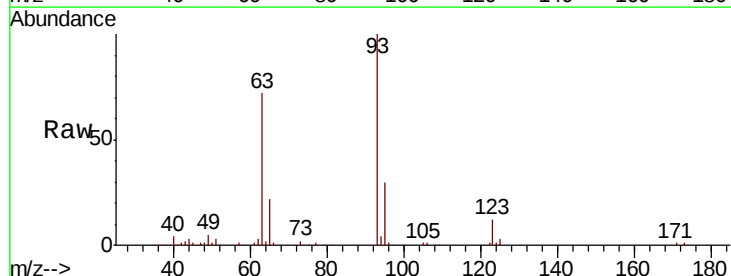
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

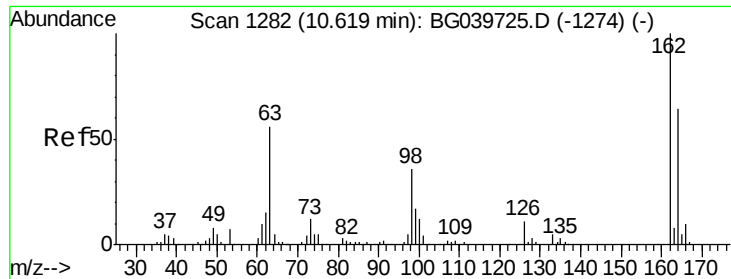
Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.3	91.7	137.5
121	57.3	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.529 ng
RT: 10.35 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.3	25.0	37.4
123	11.7	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 49.048 ng

RT: 10.60 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

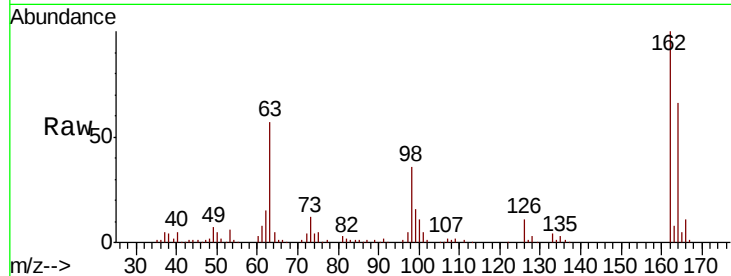
Tgt Ion:162 Resp: 128632

Ion Ratio Lower Upper

162 100

164 65.8 48.1 88.1

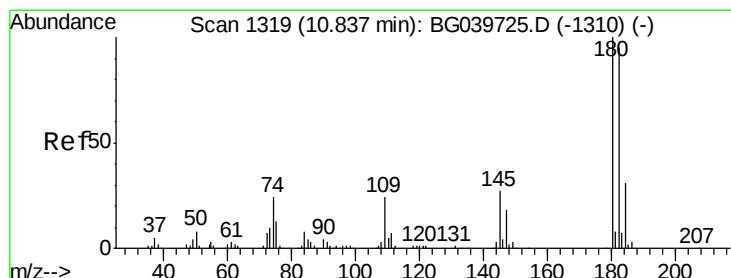
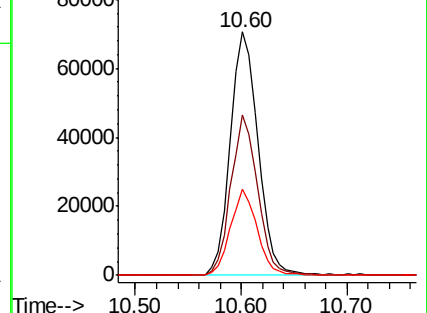
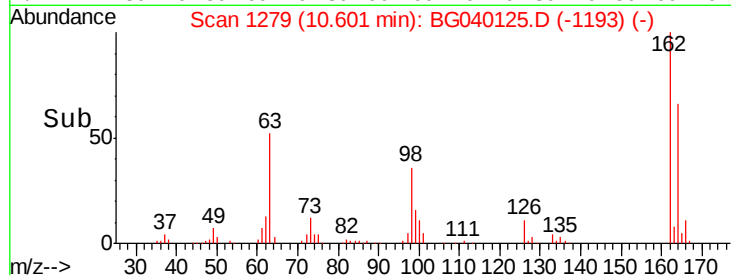
98 35.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.831 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

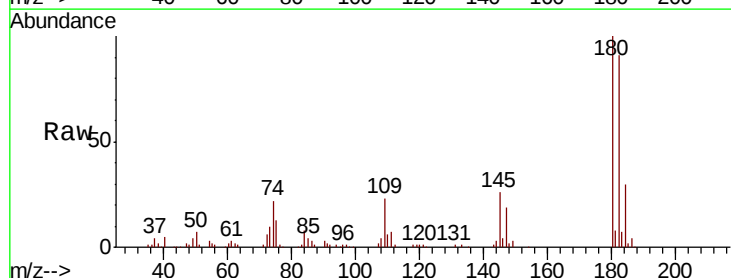
Tgt Ion:180 Resp: 123447

Ion Ratio Lower Upper

180 100

182 91.0 76.0 114.0

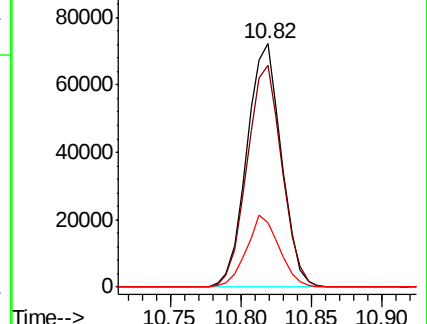
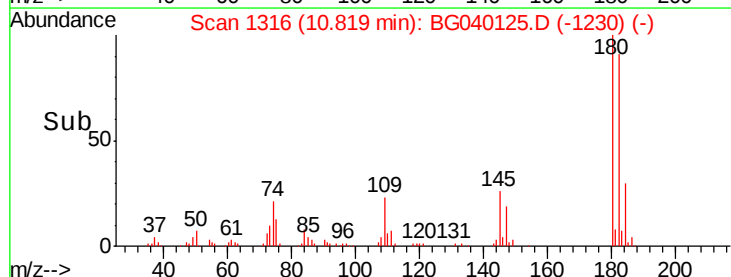
145 26.5 22.7 34.1

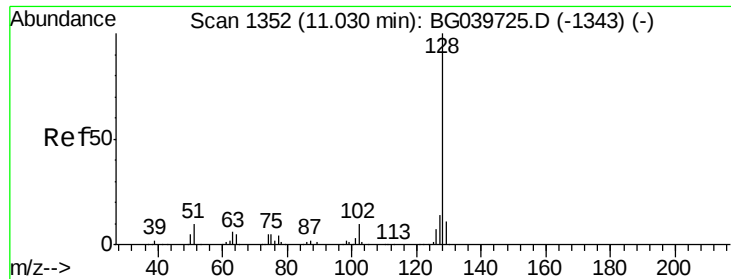


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

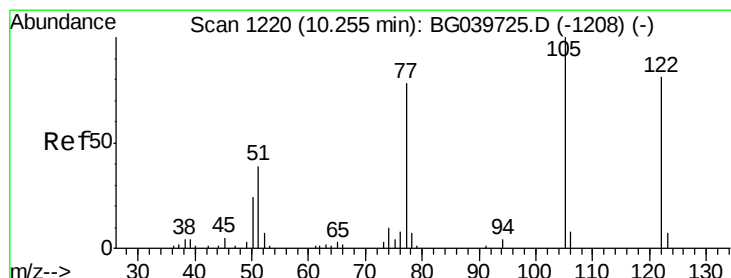
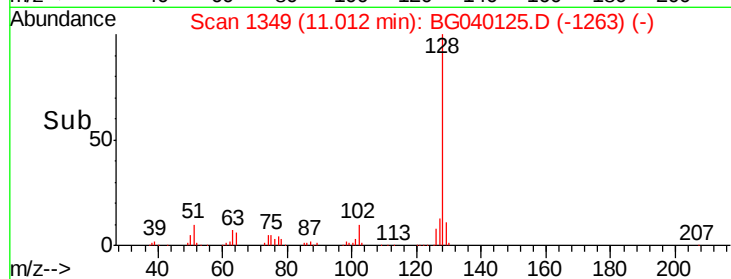
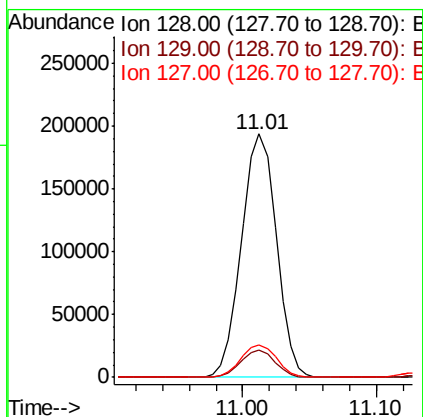
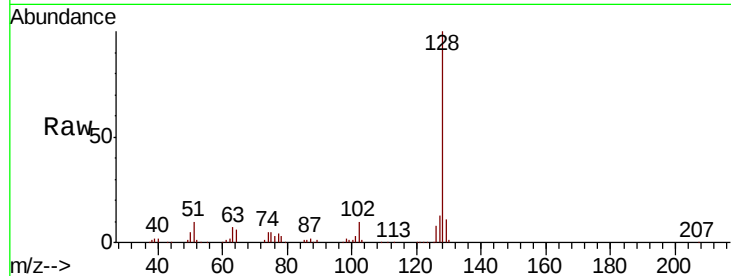




#31
Naphthalene
Concen: 41.431 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

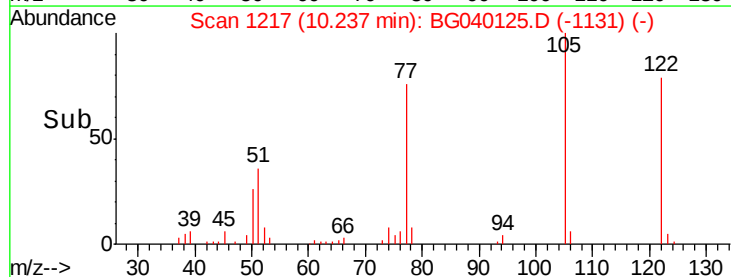
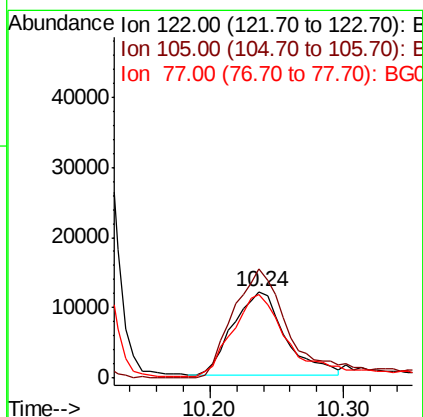
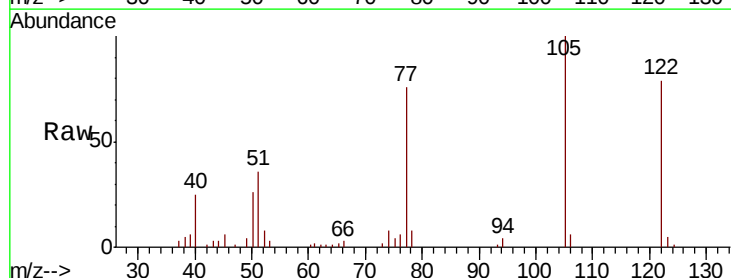
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion:128 Resp: 350799
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 24.247 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion:122 Resp: 32725
Ion Ratio Lower Upper
122 100
105 126.6 101.8 141.8
77 96.7 76.3 116.3

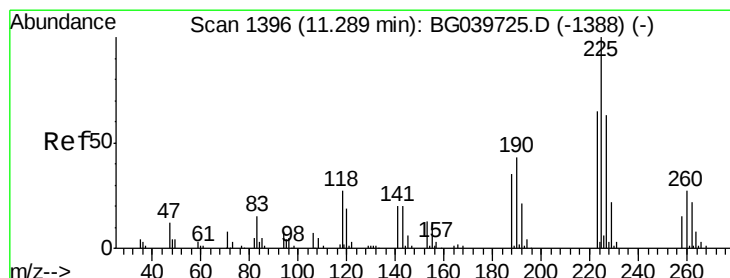
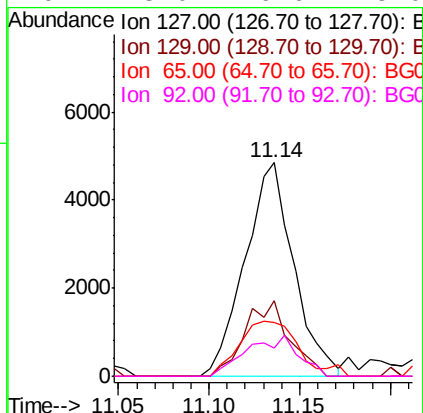
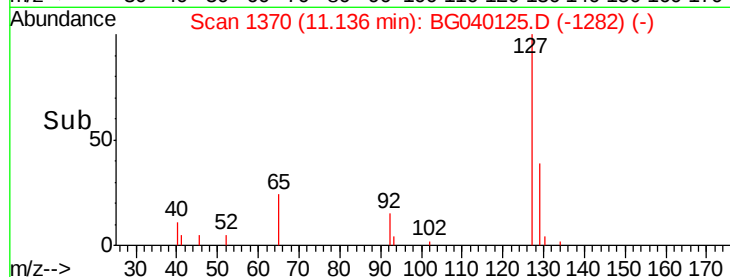
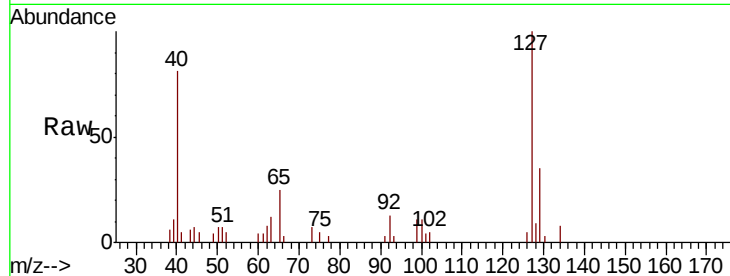




#33
4-Chloroaniline
Concen: 2.526 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

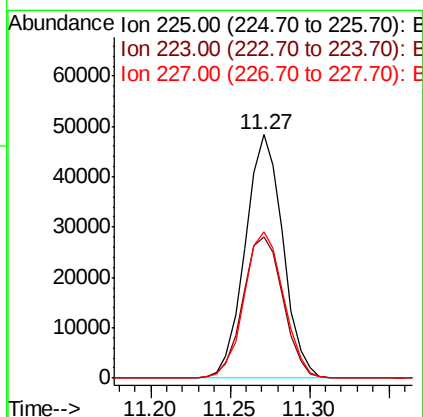
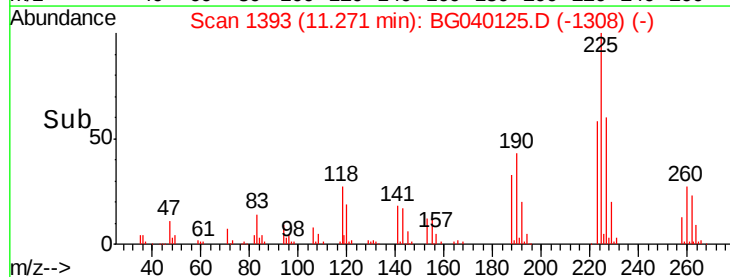
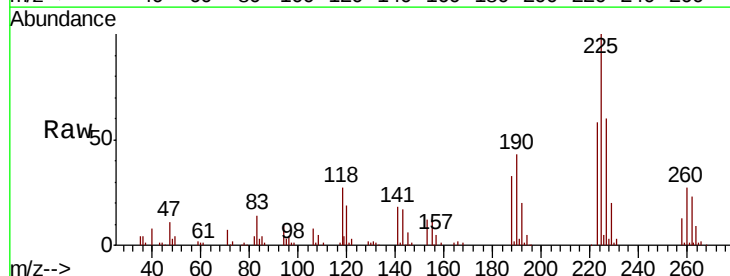
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion:	127	Resp:	9069
Ion	Ratio	Lower	Upper
127	100		
129	35.3	27.0	40.4
65	25.1	28.8	43.2#
92	13.0	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 39.655 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion:	225	Resp:	79969
Ion	Ratio	Lower	Upper
225	100		
223	58.2	49.0	73.6
227	60.1	46.3	69.5

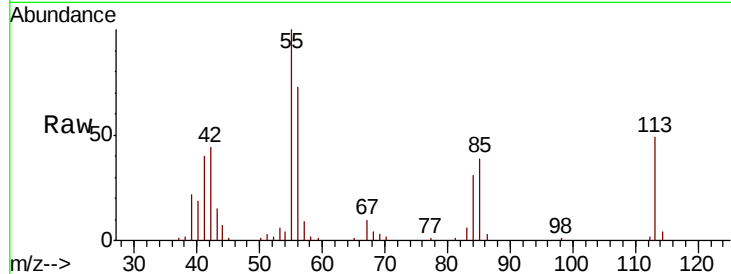




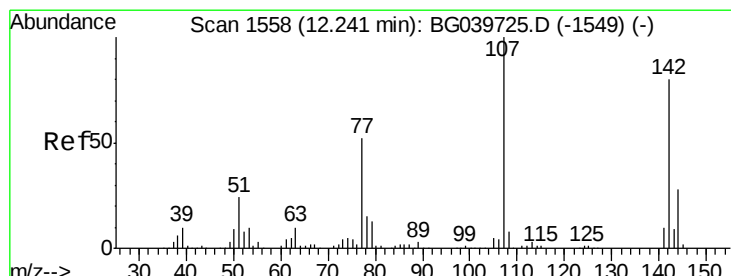
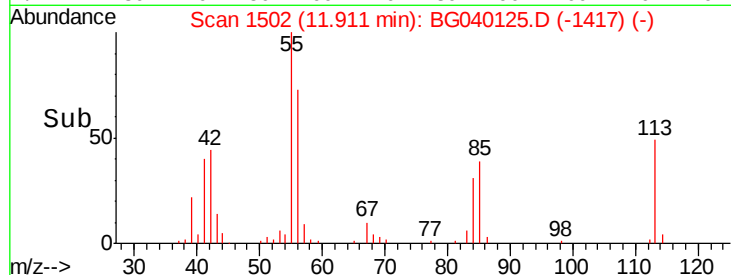
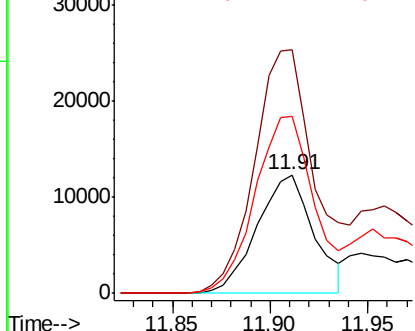
#35
 Caprolactam
 Concen: 24.737 ng
 RT: 11.91 min Scan# 1502
 Delta R.T. -0.03 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion:113 Resp: 24782
 Ion Ratio Lower Upper
 113 100
 55 206.0 216.9 256.9#
 56 149.6 152.6 192.6#

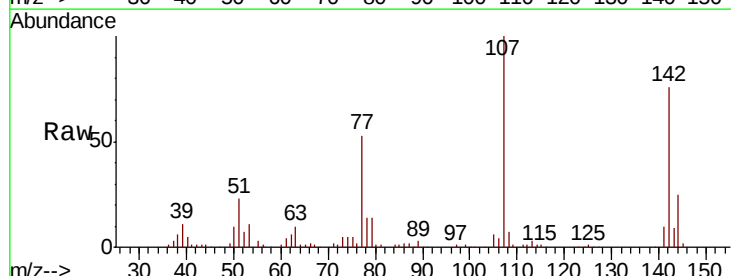


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC

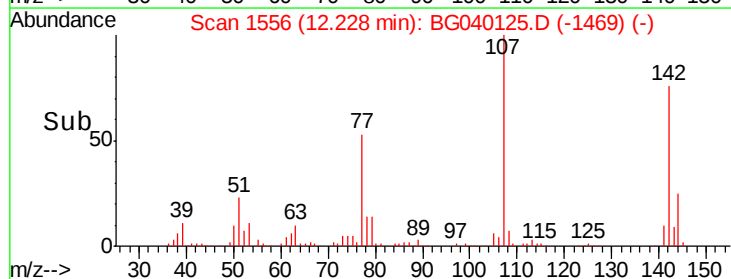
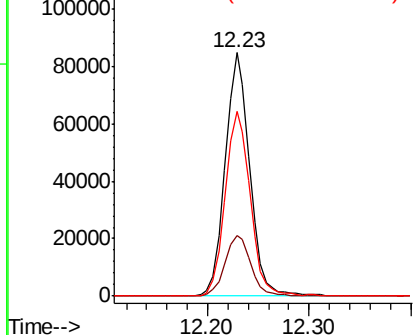


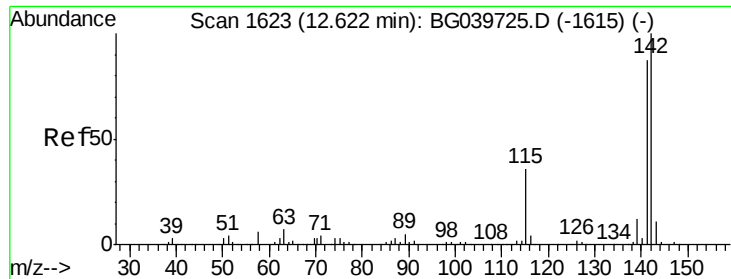
#36
 4-Chloro-3-methylphenol
 Concen: 47.173 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion:107 Resp: 141818
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.2 30.2
 142 76.1 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

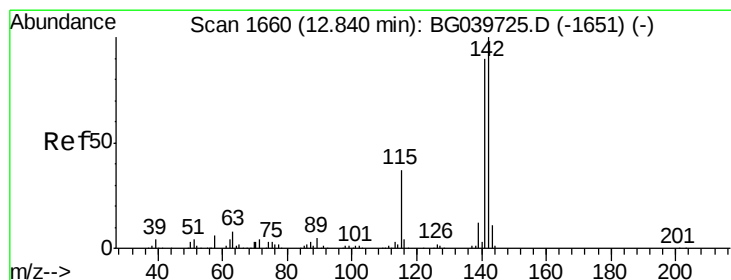
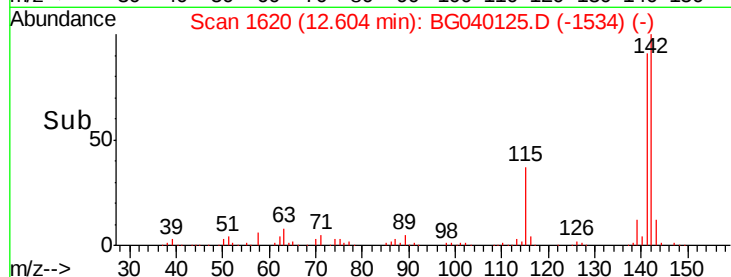
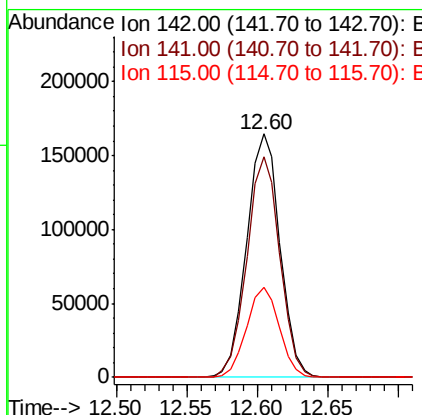
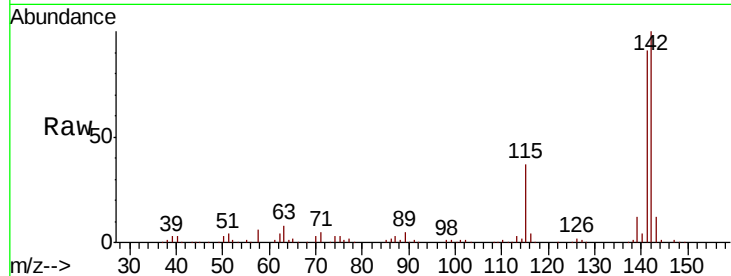




#37
2-Methylnaphthalene
Concen: 43.124 ng
RT: 12.60 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

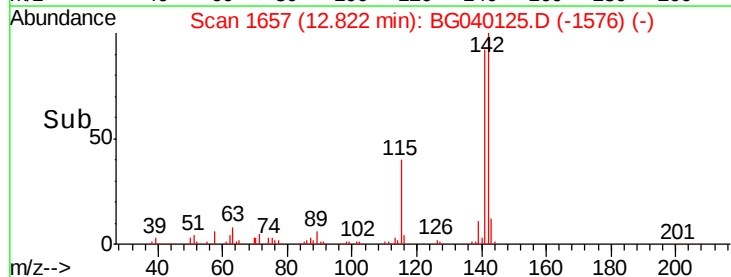
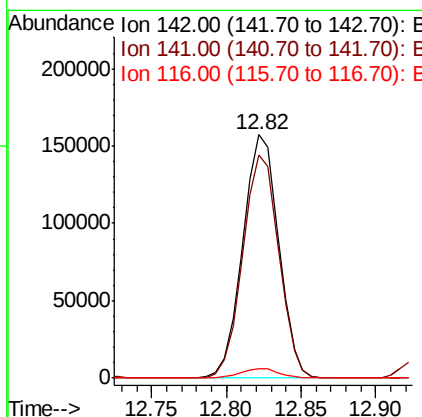
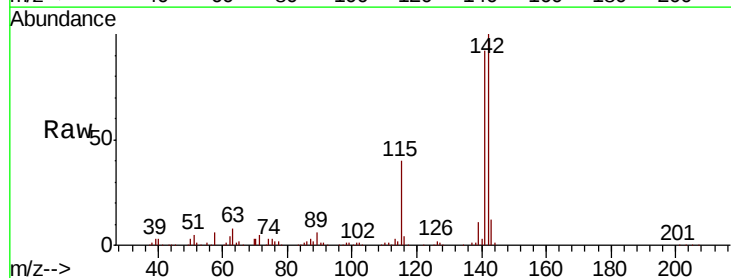
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

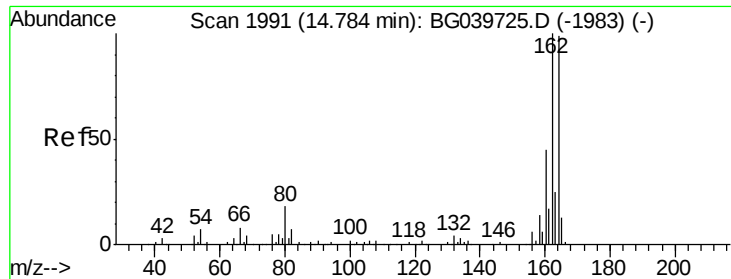
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.5	110.3
115	37.1	30.8	46.2



#38
1-Methylnaphthalene
Concen: 42.495 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.2	111.4
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

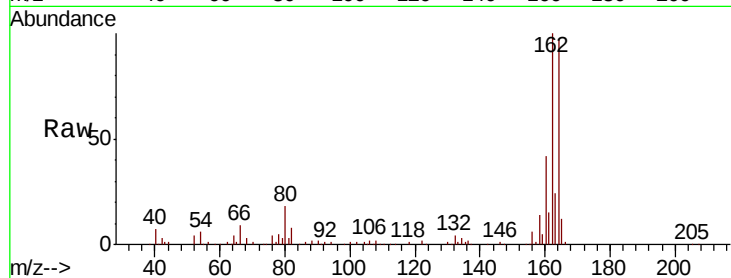
Tgt Ion:164 Resp: 116124

Ion Ratio Lower Upper

164 100

162 102.8 81.6 122.4

160 43.5 34.2 51.2

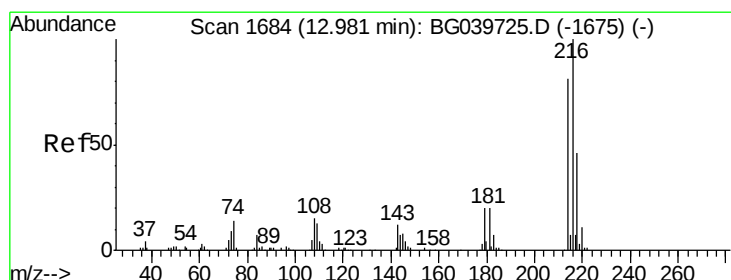
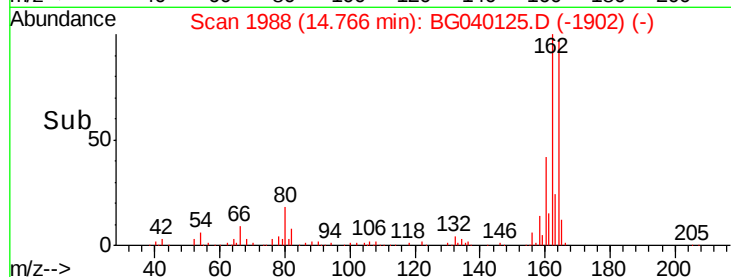
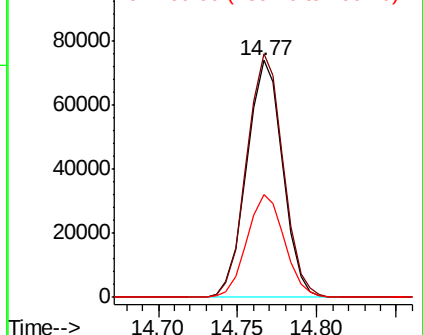


Abundance

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: 39.379 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Tgt Ion:216 Resp: 154916

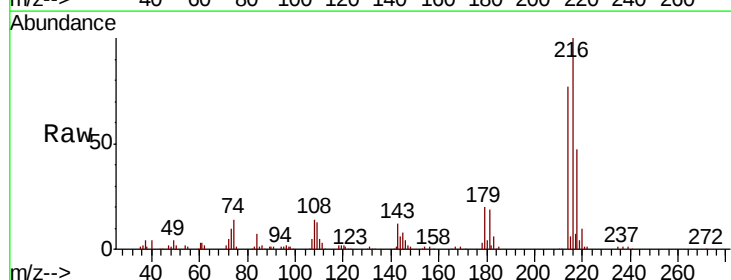
Ion Ratio Lower Upper

216 100

214 79.6 62.6 94.0

179 20.1 16.6 25.0

108 17.6 14.0 21.0



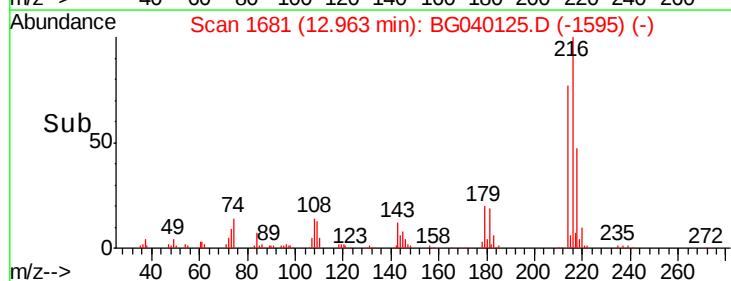
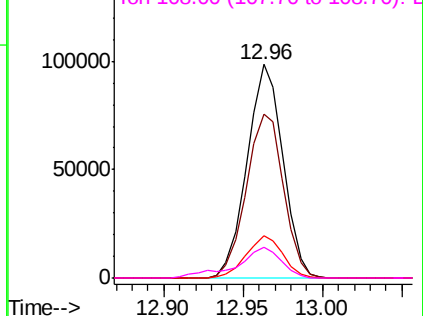
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 84.290 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

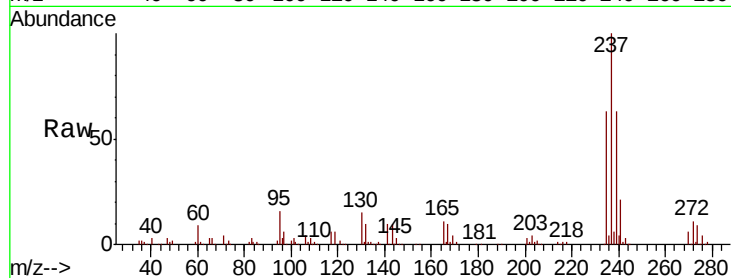
Tgt Ion:237 Resp: 177704

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

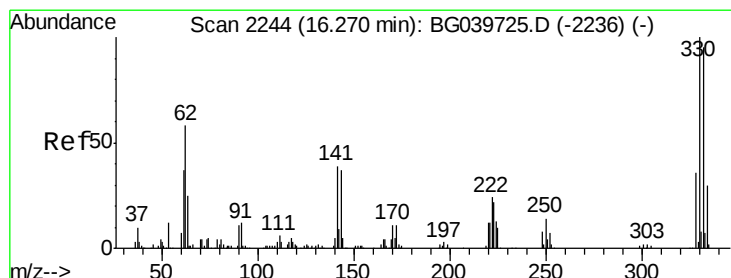
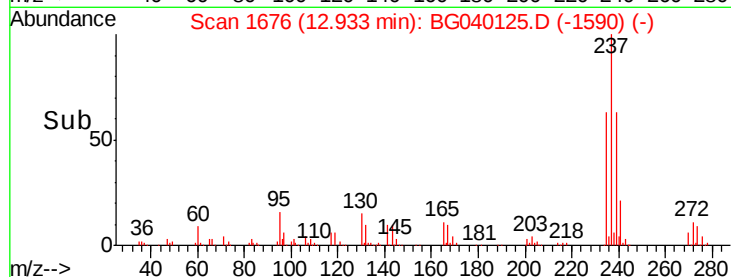
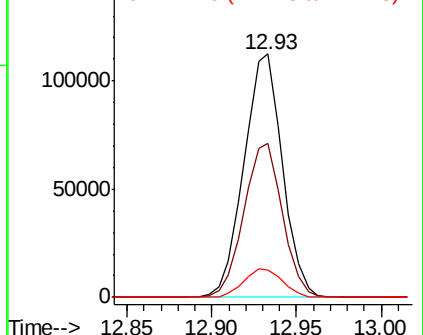
272 11.5 0.0 32.3



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: 151.127 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

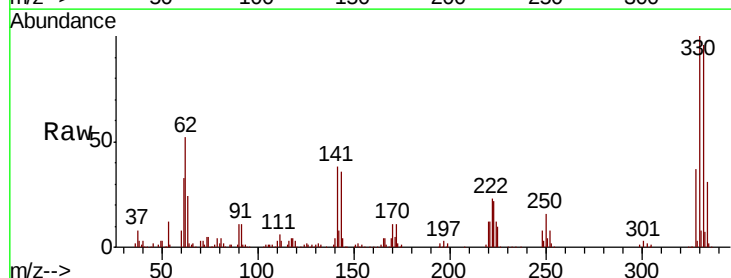
Tgt Ion:330 Resp: 204552

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

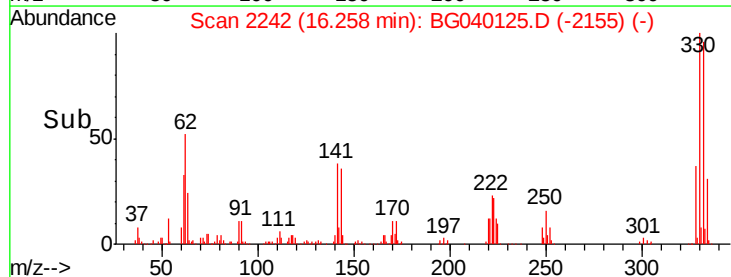
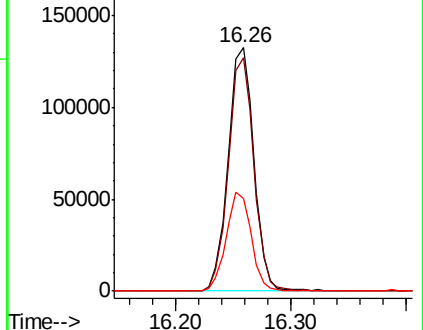
141 39.4 35.6 53.4

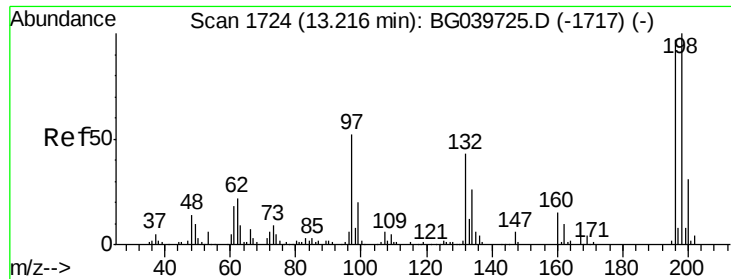


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

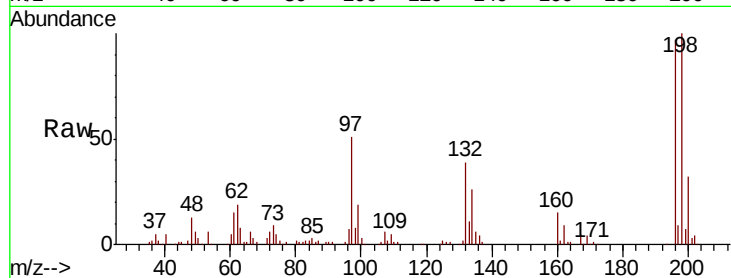




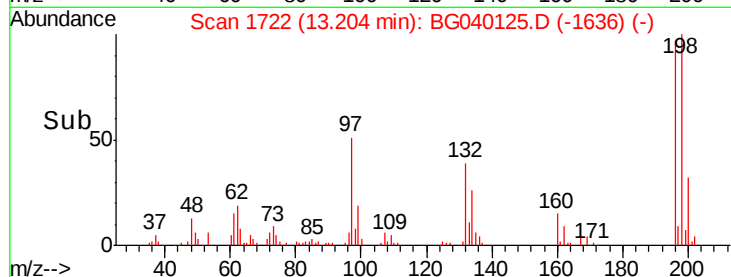
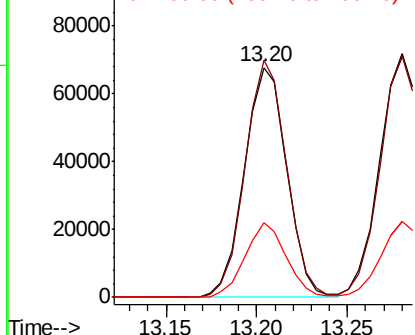
#43
 2,4,6-Trichlorophenol
 Concen: 47.768 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion:196 Resp: 110018
 Ion Ratio Lower Upper
 196 100
 198 103.3 80.6 121.0
 200 32.8 26.1 39.1



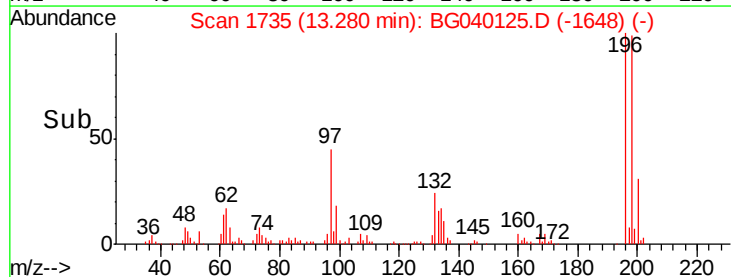
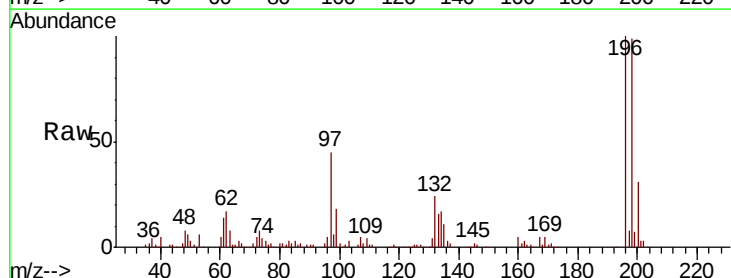
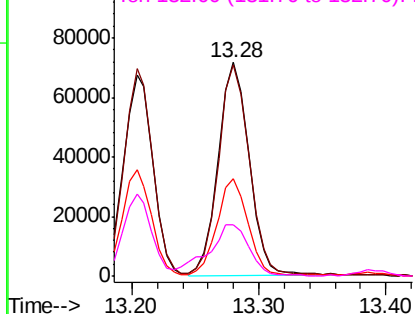
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

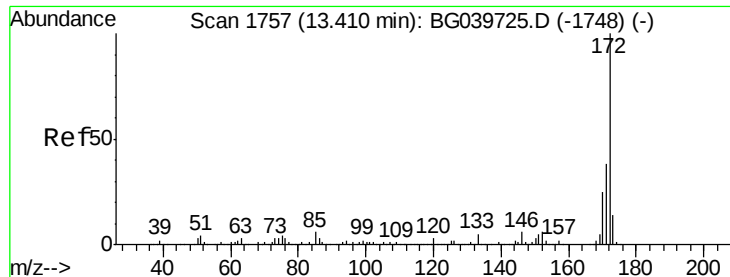


#44
 2,4,5-Trichlorophenol
 Concen: 46.863 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion:196 Resp: 121661
 Ion Ratio Lower Upper
 196 100
 198 98.8 78.5 117.7
 97 45.3 38.4 57.6
 132 24.0 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

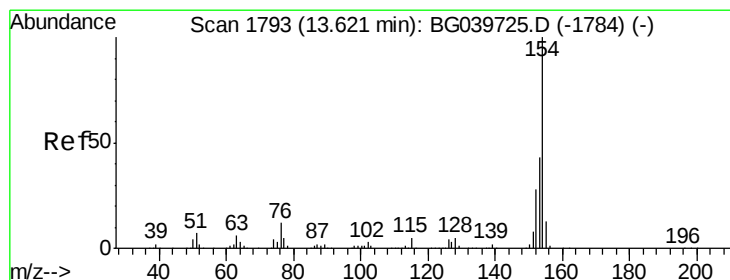
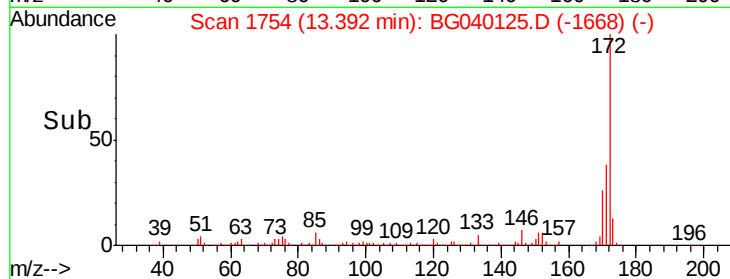
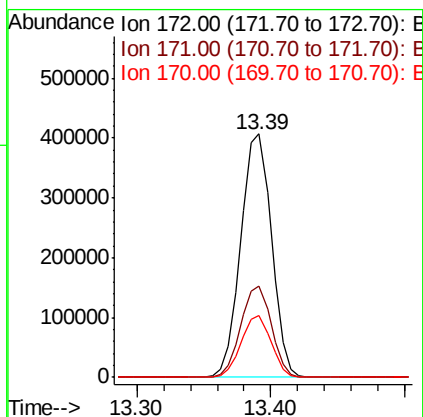
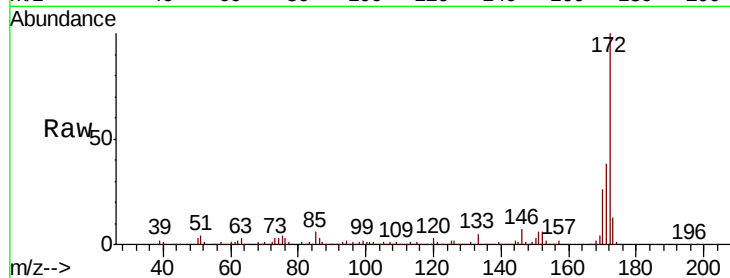




#45
 2-Fluorobiphenyl
 Concen: 79.440 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

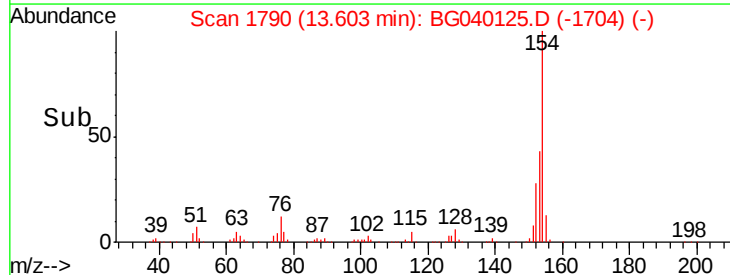
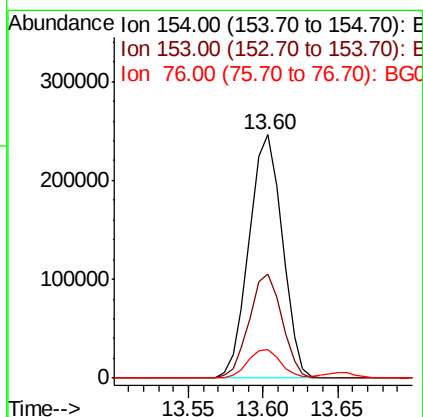
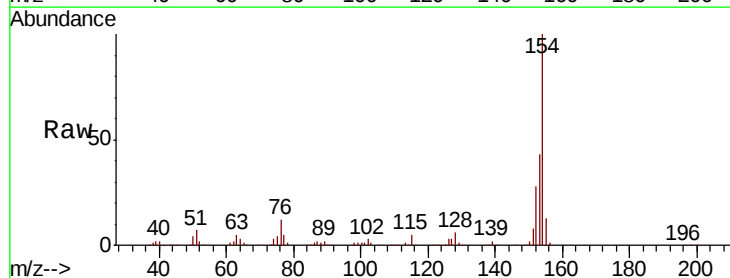
Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

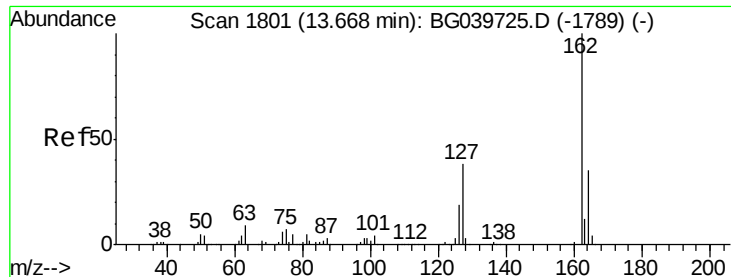
Tgt Ion:172 Resp: 647896
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 25.5 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 39.700 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion:154 Resp: 379178
 Ion Ratio Lower Upper
 154 100
 153 42.8 22.1 62.1
 76 11.8 0.0 32.4





#47

2-Chloronaphthalene

Concen: 41.042 ng

RT: 13.65 min Scan# 1798

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

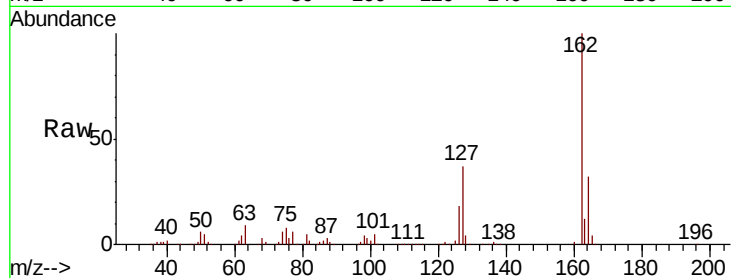
Tgt Ion: 162 Resp: 294897

Ion Ratio Lower Upper

162 100

127 36.9 31.0 46.6

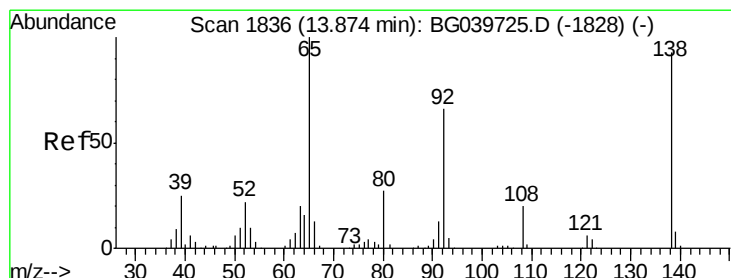
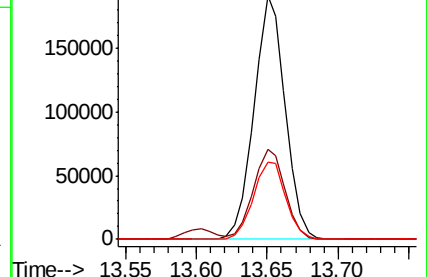
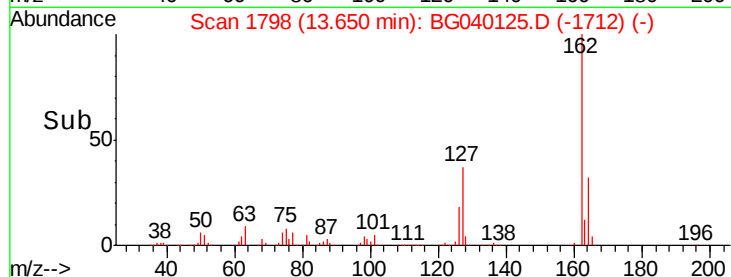
164 31.9 25.7 38.5



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: 44.649 ng

RT: 13.86 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

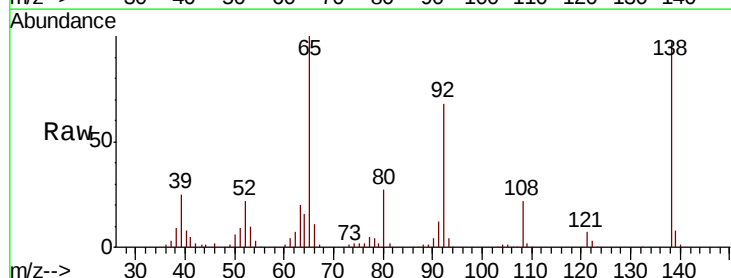
Tgt Ion: 65 Resp: 103099

Ion Ratio Lower Upper

65 100

92 68.3 51.4 77.2

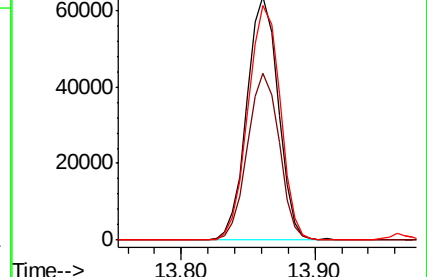
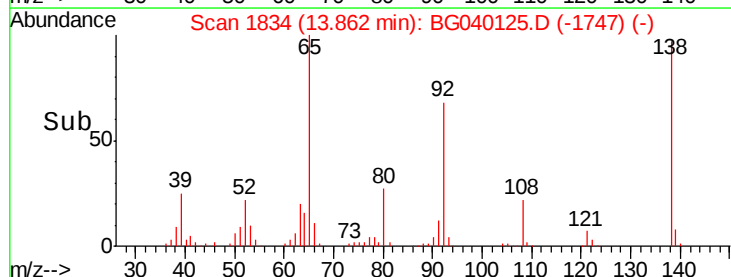
138 96.6 71.4 107.2

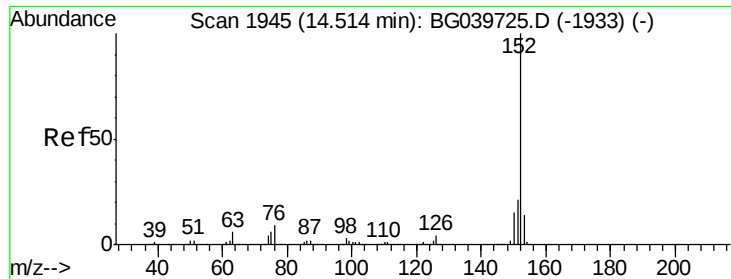


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.218 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

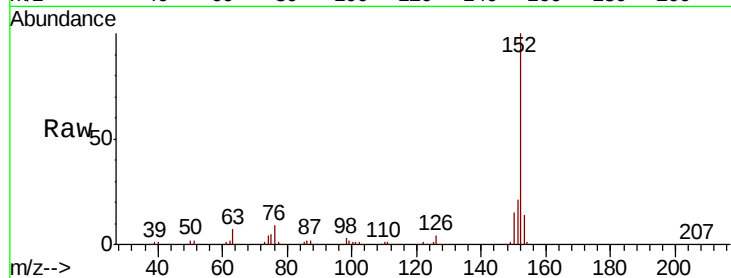
Tgt Ion:152 Resp: 486176

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

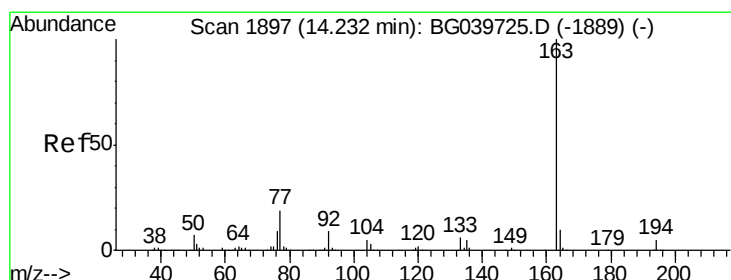
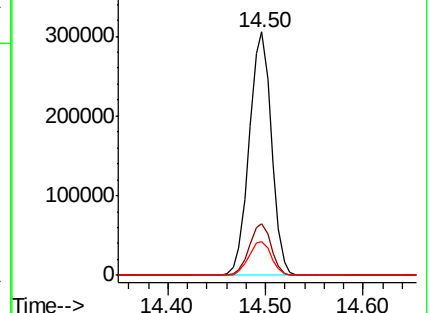
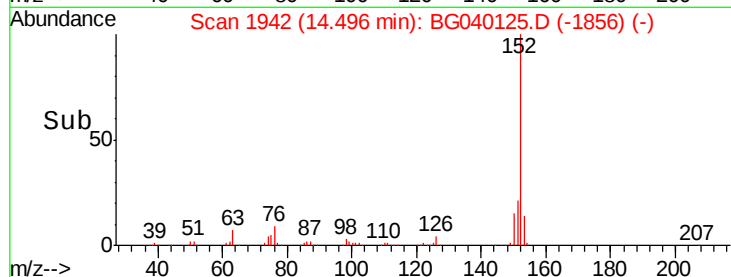
153 13.8 11.7 17.5



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: 43.580 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

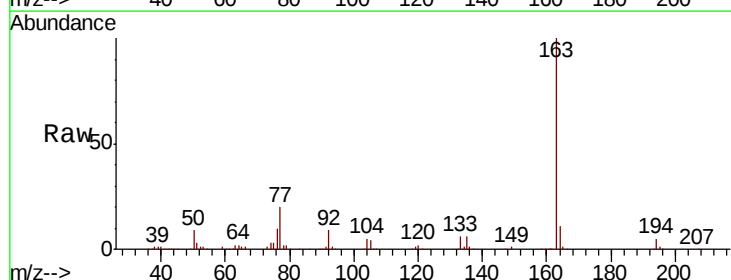
Tgt Ion:163 Resp: 423167

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

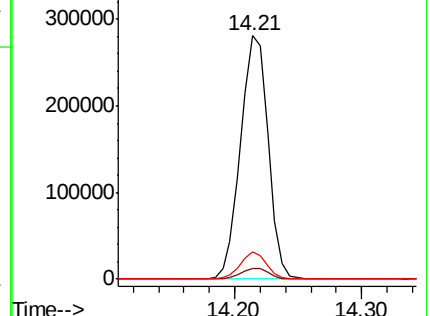
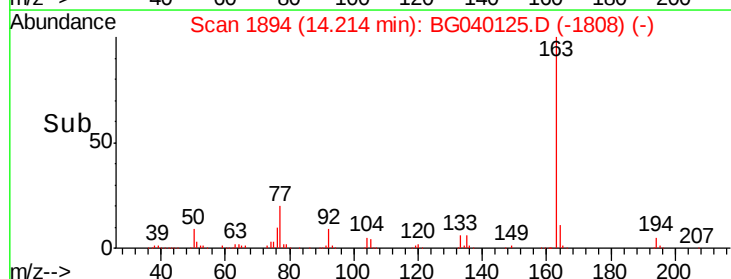
164 11.1 8.4 12.6



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: 45.947 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

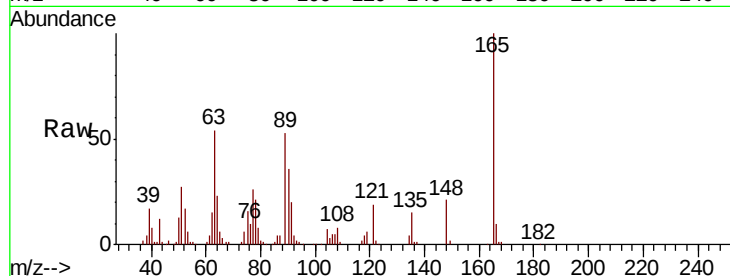
Tgt Ion:165 Resp: 94583

Ion Ratio Lower Upper

165 100

63 53.6 47.0 70.6

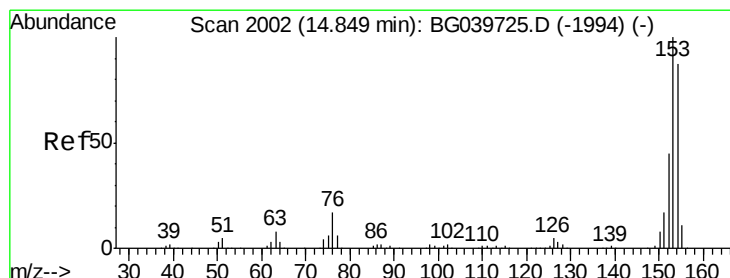
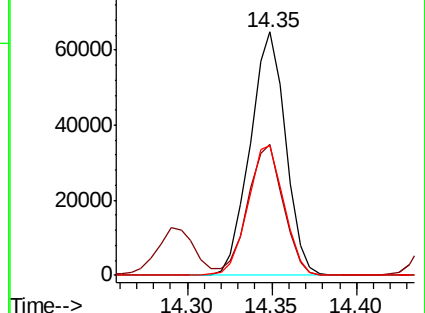
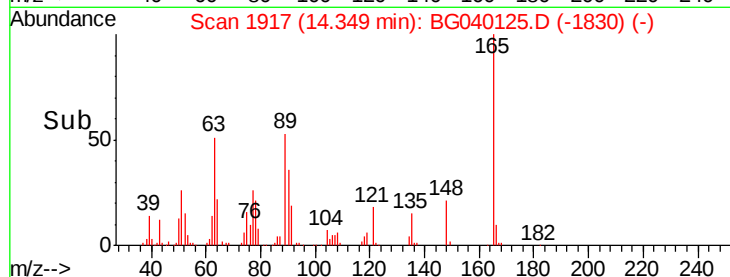
89 53.3 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.900 ng

RT: 14.83 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

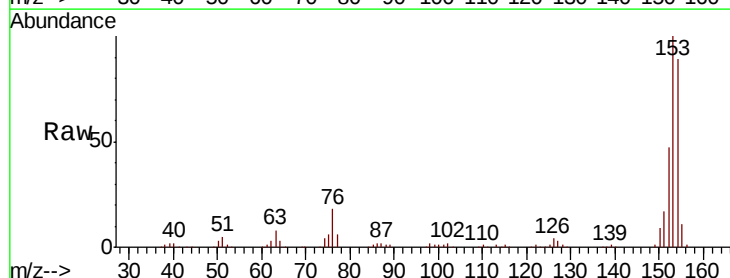
Tgt Ion:154 Resp: 297461

Ion Ratio Lower Upper

154 100

153 112.8 90.1 135.1

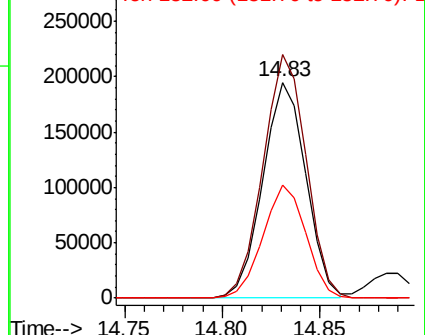
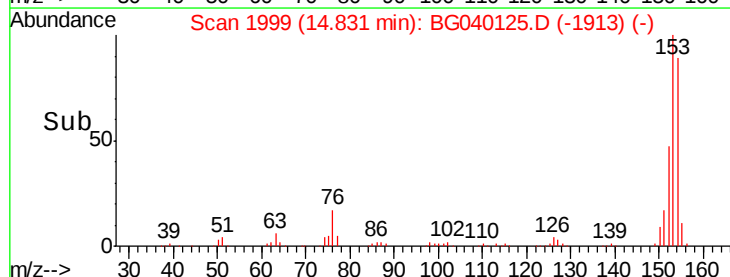
152 52.5 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 6.487 ng

RT: 14.68 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

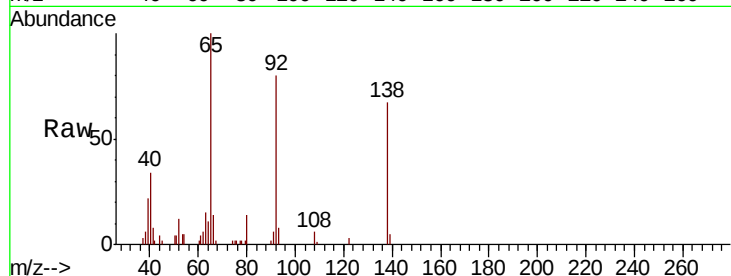
Tgt Ion:138 Resp: 13423

Ion Ratio Lower Upper

138 100

108 9.4 13.8 20.8#

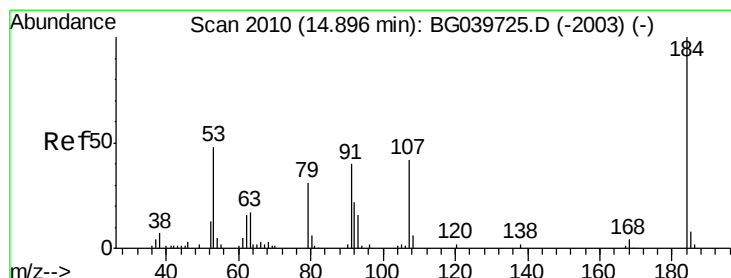
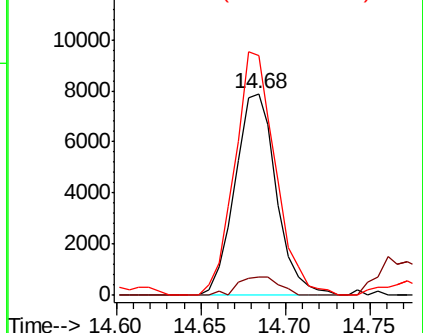
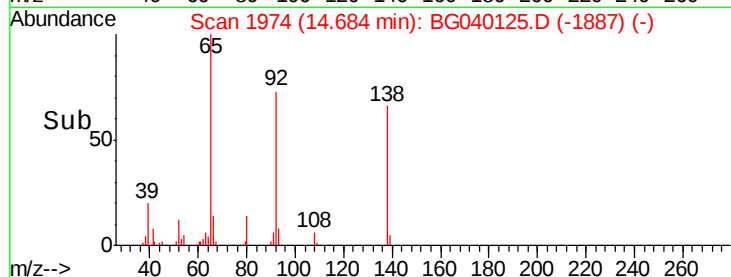
92 119.1 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 45.767 ng

RT: 14.88 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

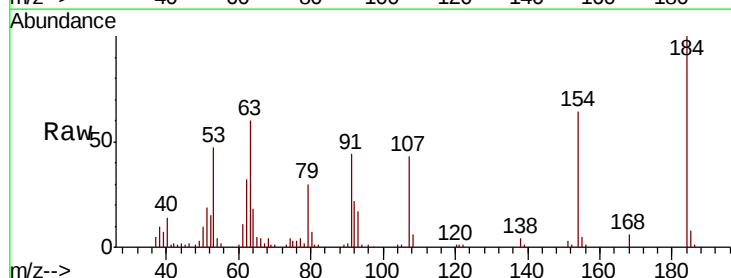
Tgt Ion:184 Resp: 56288

Ion Ratio Lower Upper

184 100

63 59.9 50.9 76.3

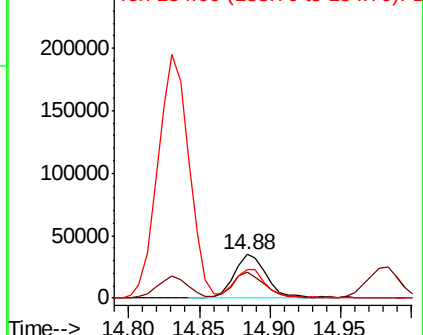
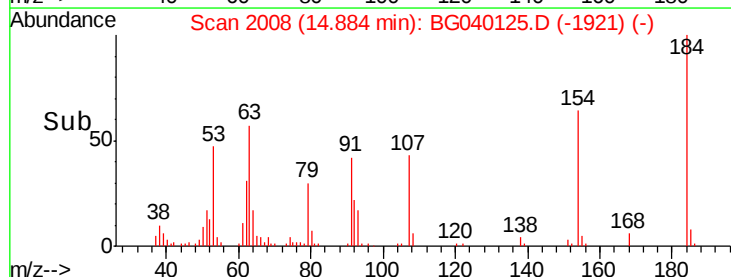
154 64.3 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 42.518 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

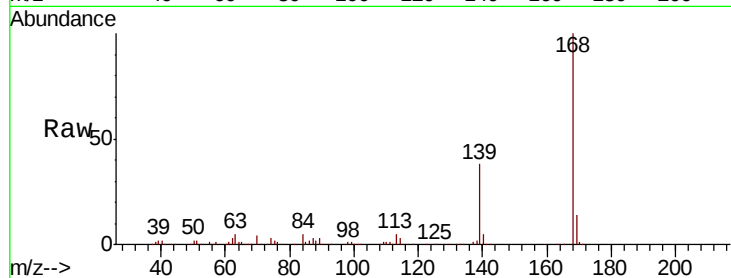
Tgt Ion:168 Resp: 495232

Ion Ratio Lower Upper

168 100

139 38.4 30.1 45.1

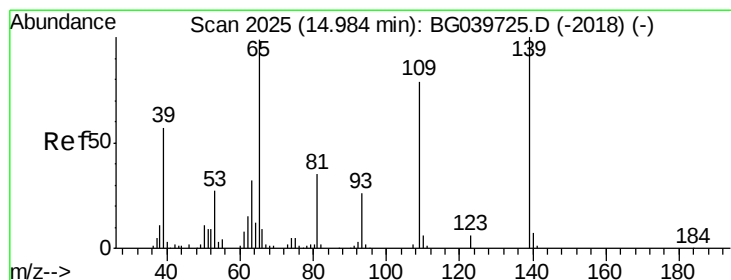
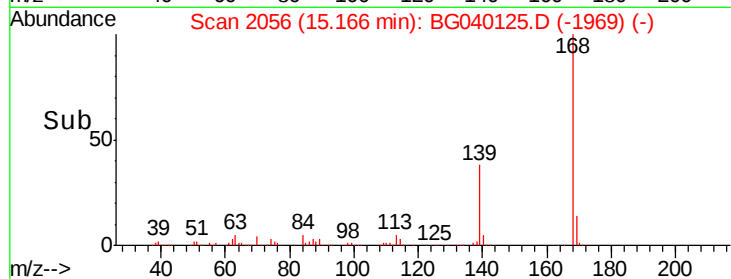
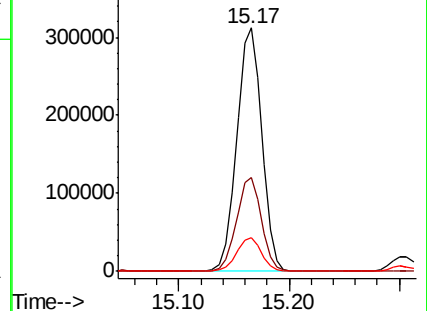
169 13.7 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 72.961 ng

RT: 14.98 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

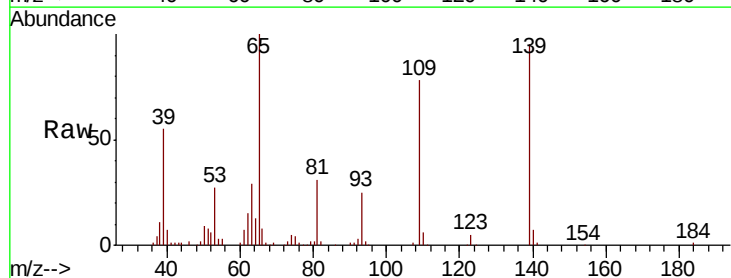
Tgt Ion:139 Resp: 135056

Ion Ratio Lower Upper

139 100

109 81.5 61.9 101.9

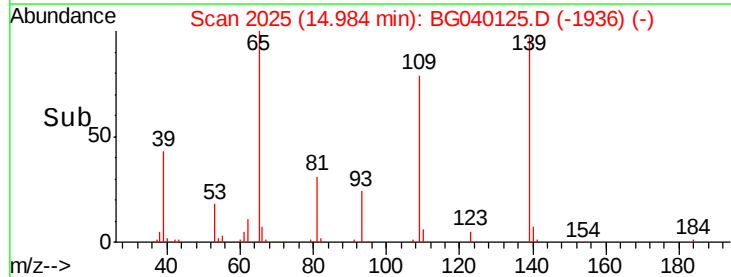
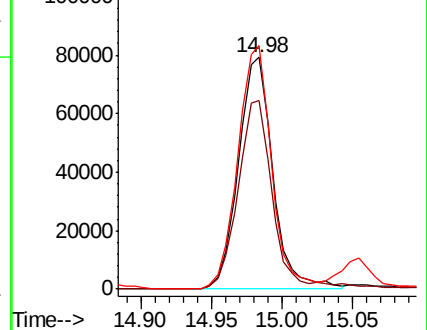
65 105.1 99.1 139.1

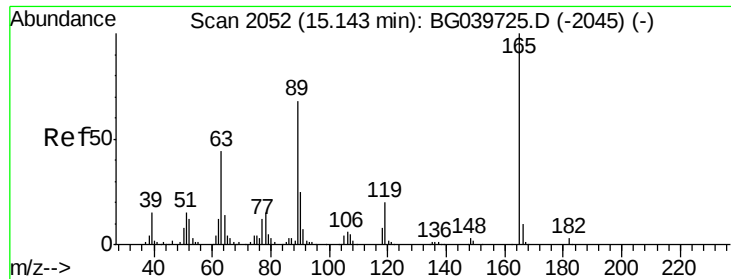


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

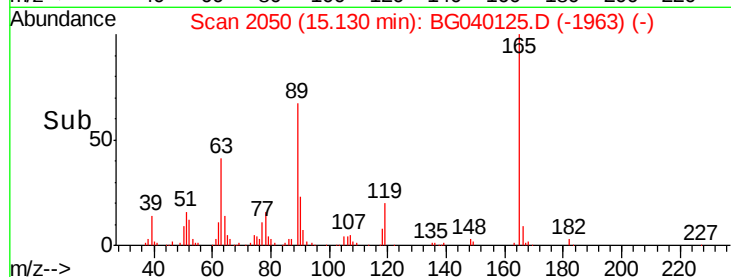
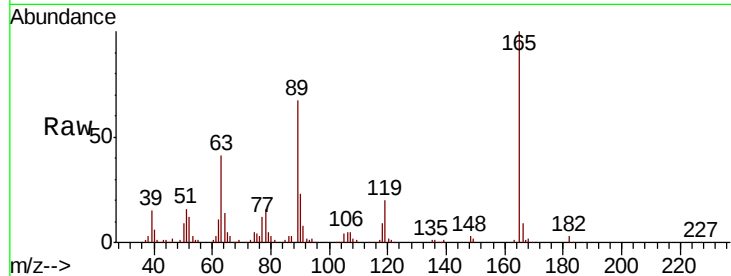




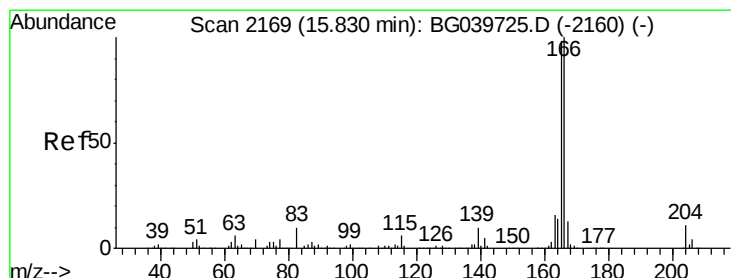
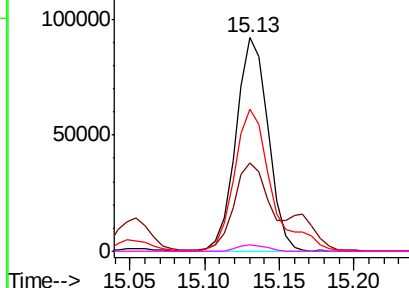
#57
2,4-Dinitrotoluene
Concen: 47.721 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.2	41.0	61.6
89	66.8	64.6	96.8
182	2.9	2.0	3.0

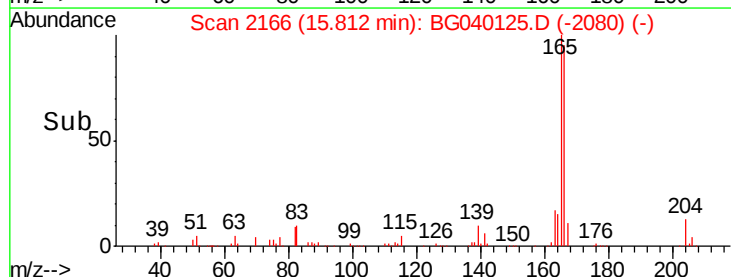
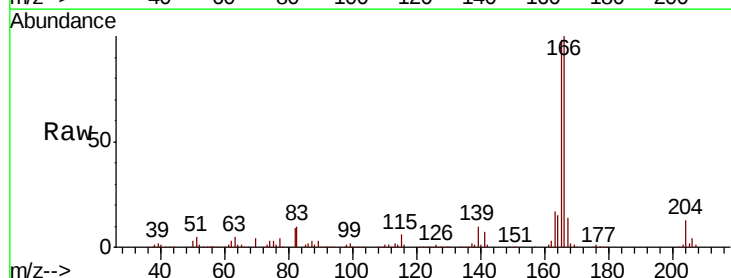


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

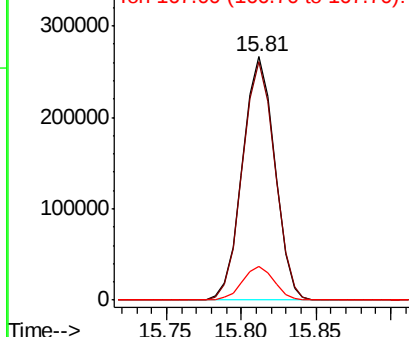


#58
Fluorene
Concen: 43.477 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.9	116.9
167	13.7	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

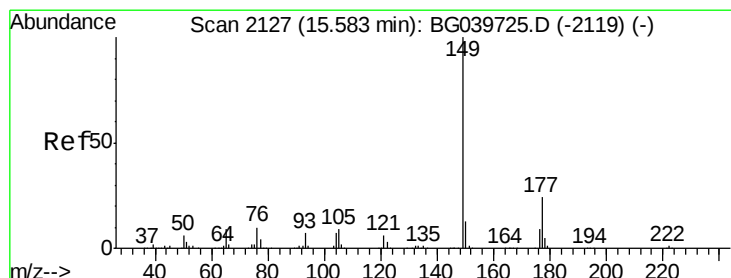
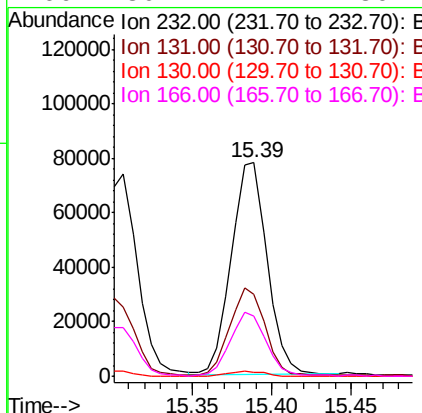
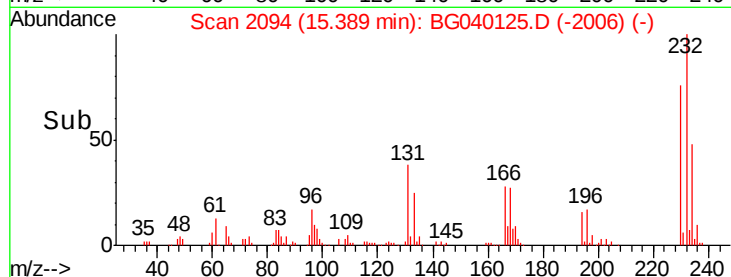
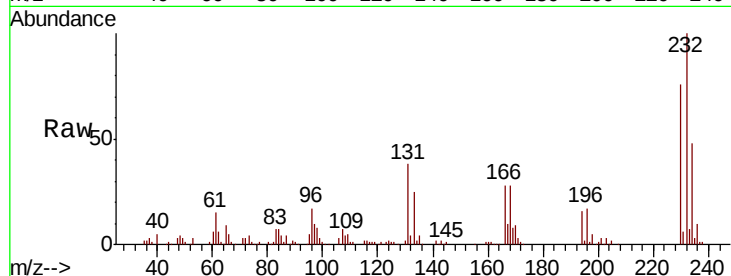




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.500 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

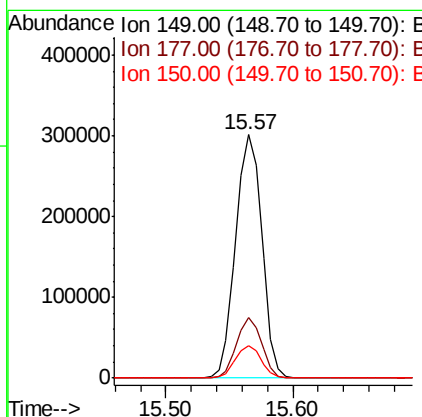
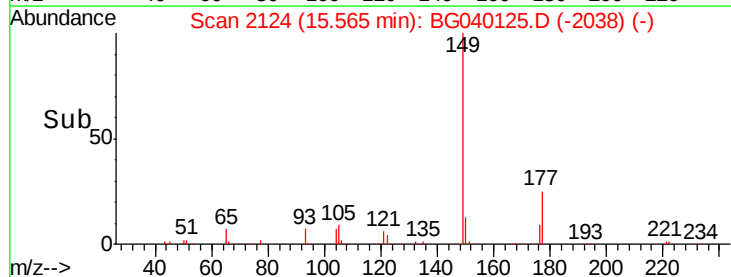
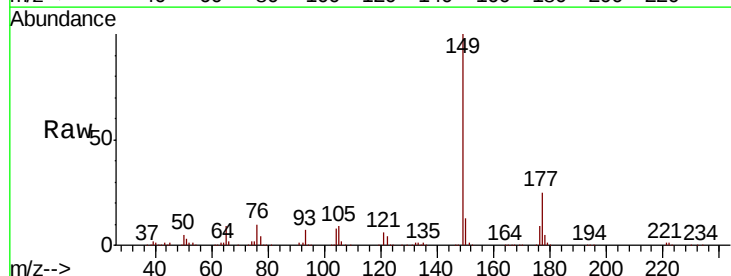
Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

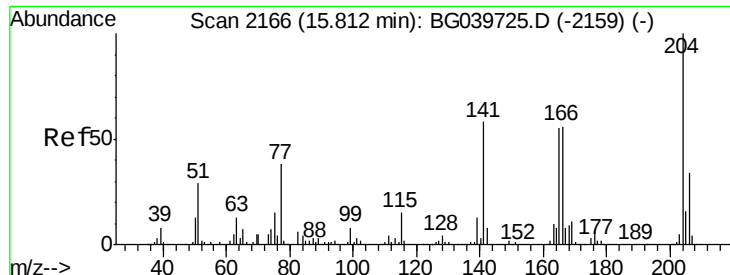
Tgt Ion:	232	Resp:	122968
Ion	Ratio	Lower	Upper
232	100		
131	40.4	34.9	52.3
130	2.3	2.0	3.0
166	30.1	24.1	36.1



#60
 Diethylphthalate
 Concen: 44.836 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion:	149	Resp:	430980
Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.3	27.5
150	13.1	10.2	15.2

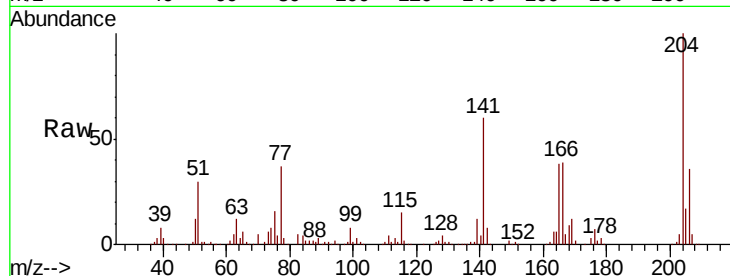




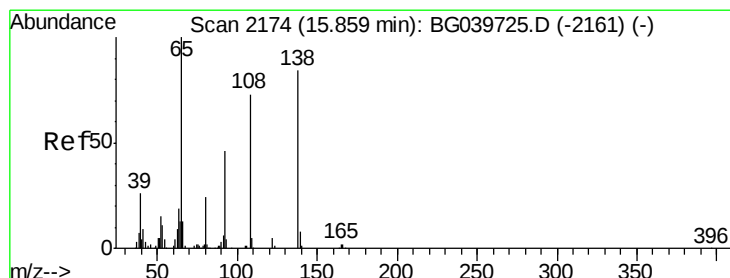
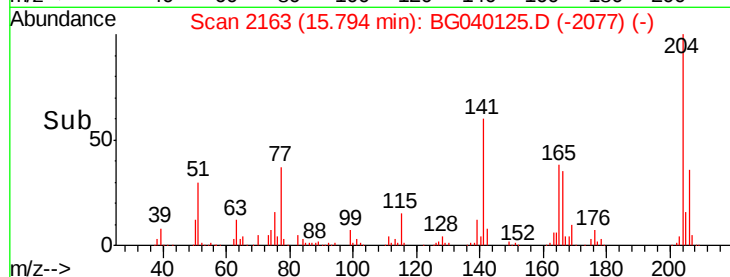
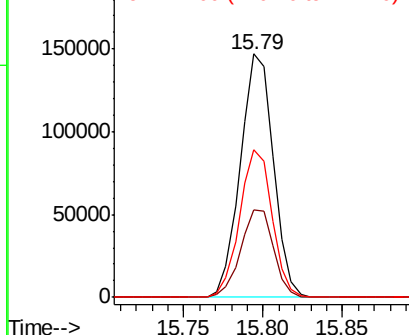
#61
4-Chlorophenyl-phenylether
Concen: 43.519 ng
RT: 15.79 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion: 204 Resp: 212643
Ion Ratio Lower Upper
204 100
206 36.1 29.2 43.8
141 60.4 49.0 73.4

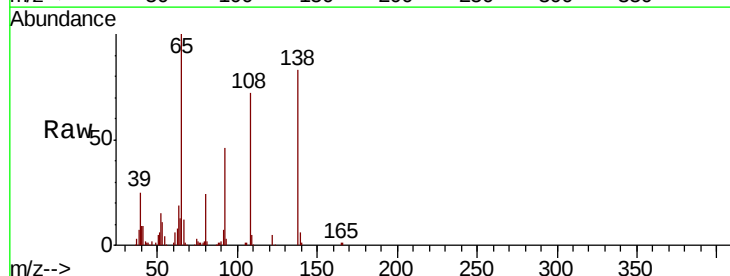


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

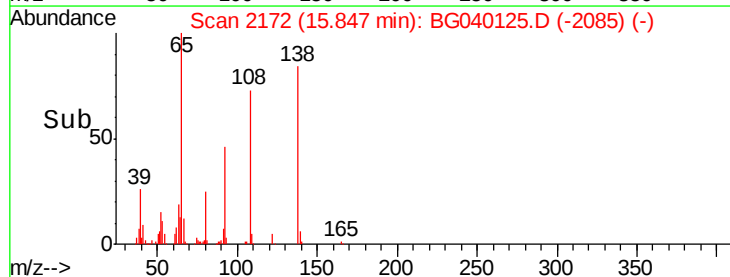
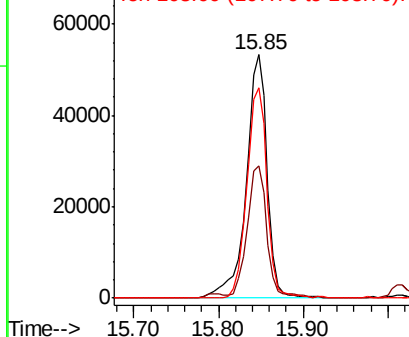


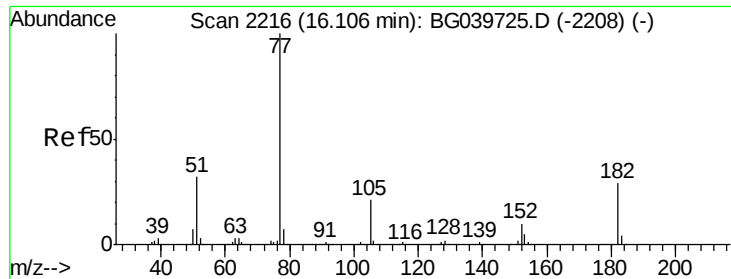
#62
4-Nitroaniline
Concen: 40.949 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion: 138 Resp: 91861
Ion Ratio Lower Upper
138 100
92 54.5 38.7 78.7
108 86.2 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

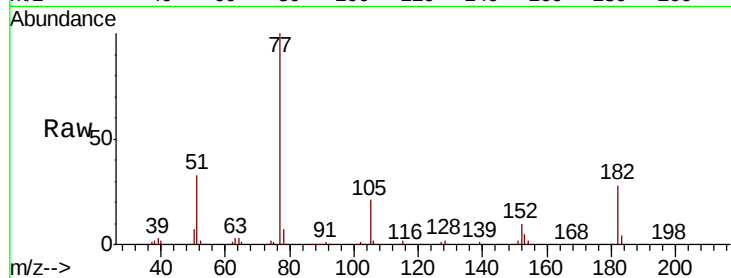




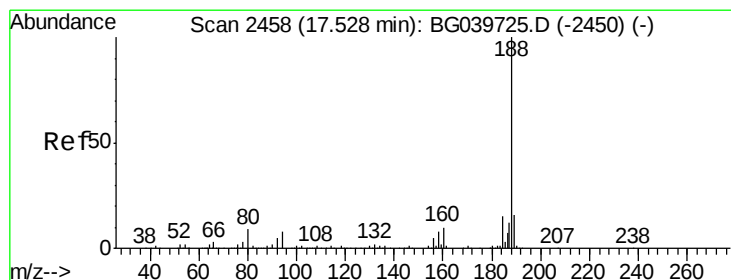
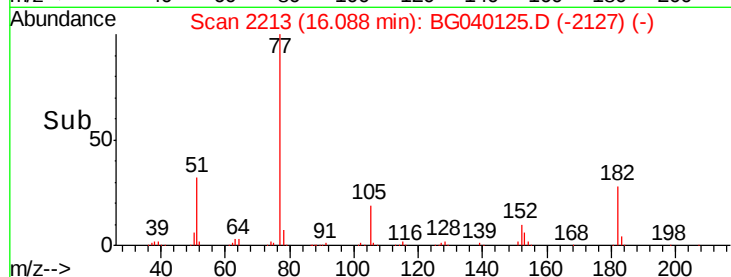
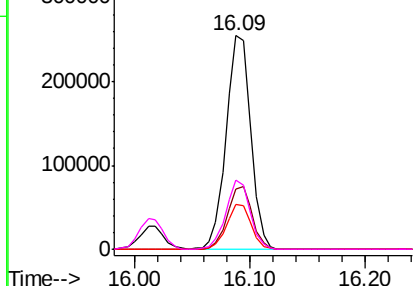
#63
Azobenzene
Concen: 43.144 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion:	77	Resp:	375928
Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.4	46.4
105	20.8	0.0	39.8
51	32.6	14.1	54.1

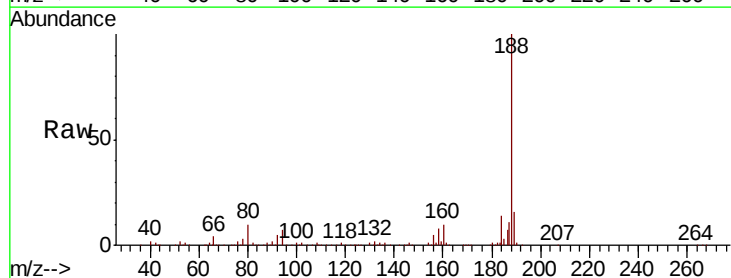


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

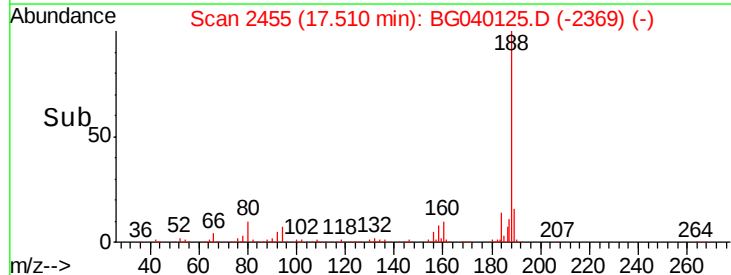
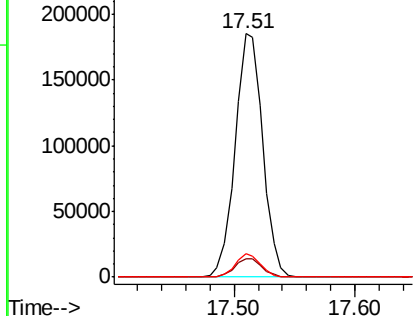


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion:	188	Resp:	294178
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	9.5	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

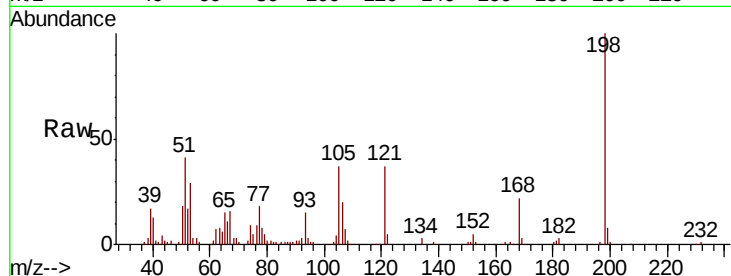




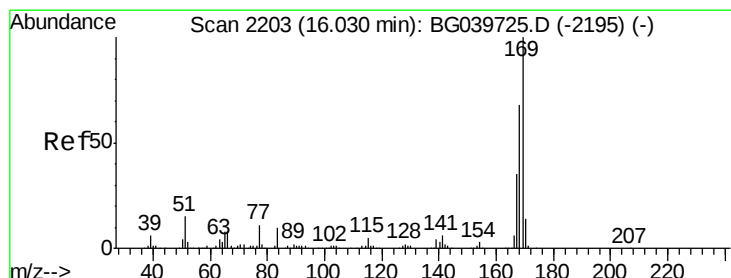
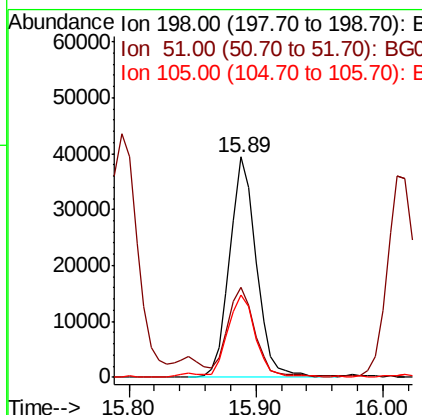
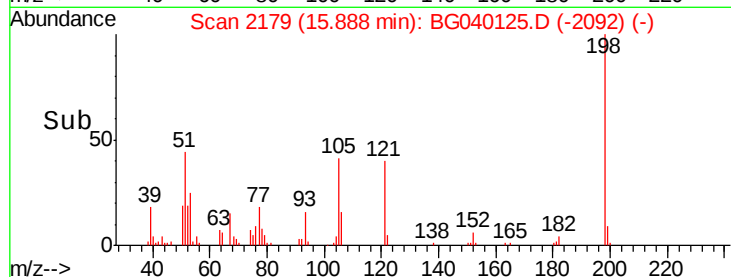
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.139 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion:198 Resp: 57641
 Ion Ratio Lower Upper
 198 100
 51 40.7 27.4 67.4
 105 37.2 19.7 59.7

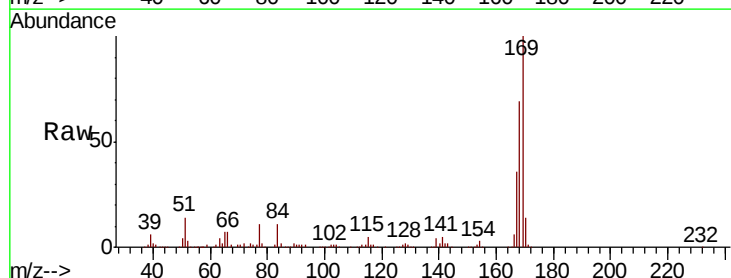


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

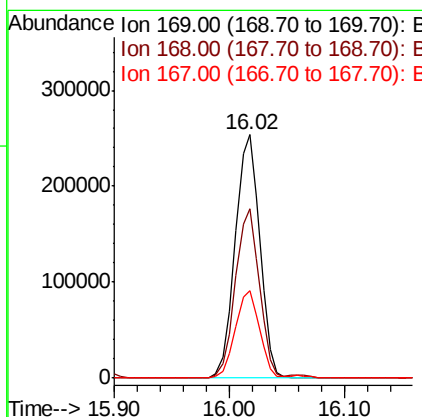
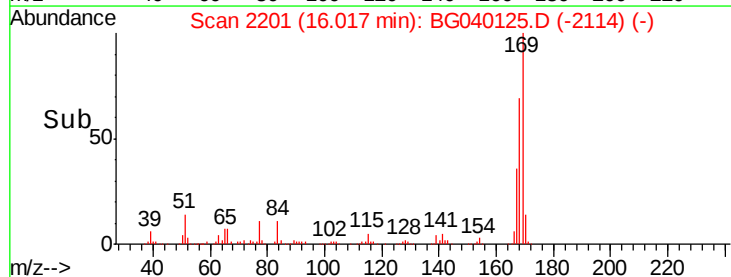


#66
 n-Nitrosodiphenylamine
 Concen: 43.931 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion:169 Resp: 374136
 Ion Ratio Lower Upper
 169 100
 168 69.4 56.6 85.0
 167 36.0 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

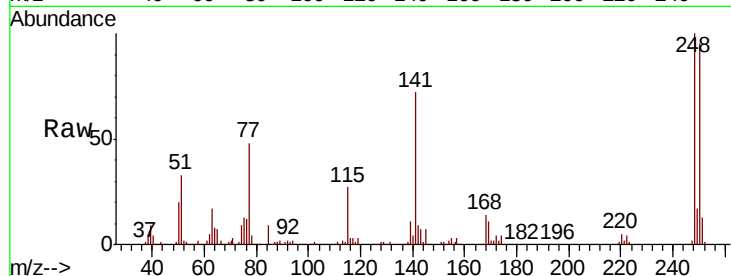




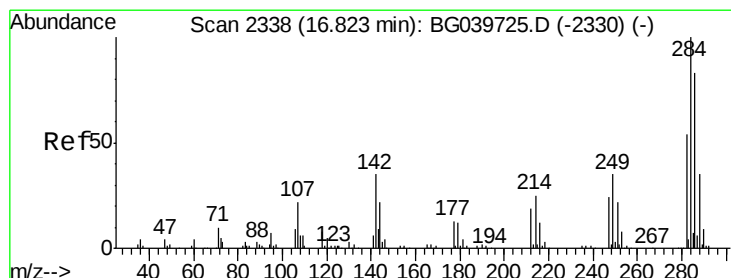
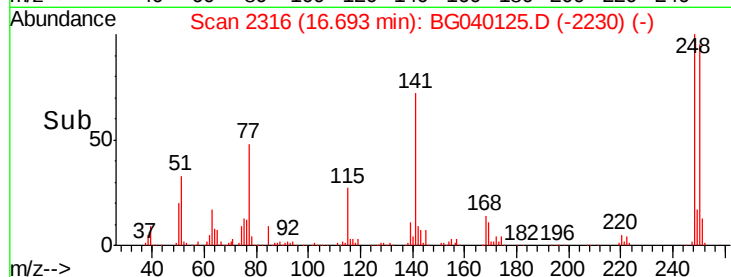
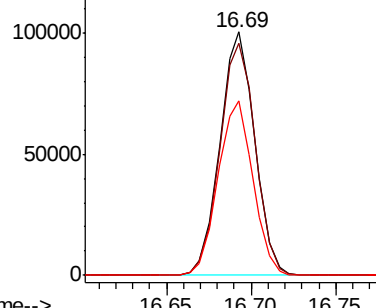
#67
 4-Bromophenyl-phenylether
 Concen: 43.434 ng
 RT: 16.69 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampled :
 S4B(2-10)MSD

Tgt Ion:248 Resp: 143023
 Ion Ratio Lower Upper
 248 100
 250 95.5 77.6 116.4
 141 71.9 63.9 95.9

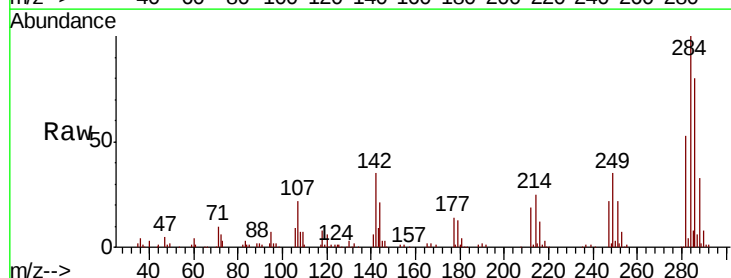


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

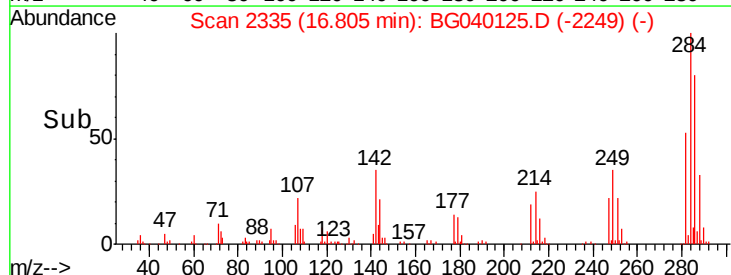
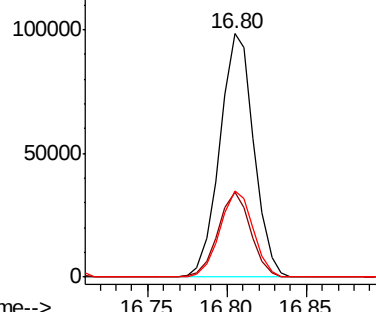


#68
 Hexachlorobenzene
 Concen: 42.946 ng
 RT: 16.80 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion:284 Resp: 146584
 Ion Ratio Lower Upper
 284 100
 142 34.7 30.6 45.8
 249 35.3 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

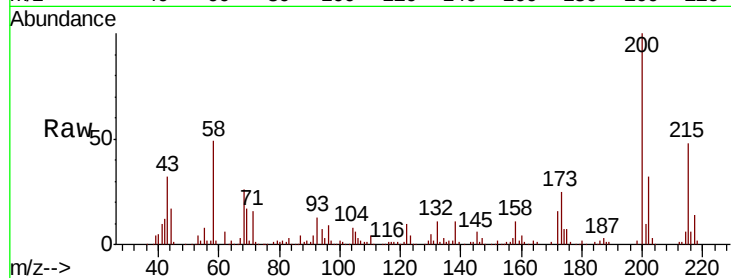




#69
 Atrazine
 Concen: 45.484 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.8	3.9	43.9
215	48.2	30.9	70.9

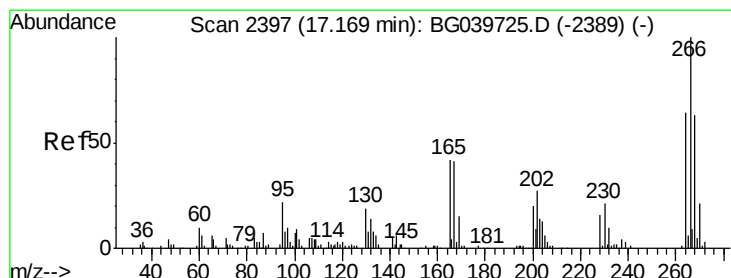
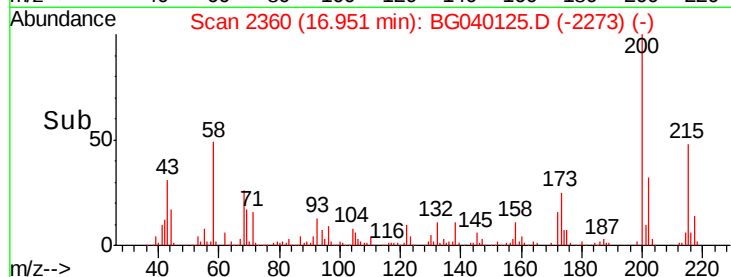
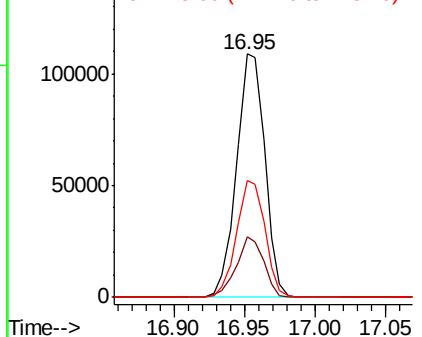


Abundance

Ion 200.00 (199.70 to 200.70): E

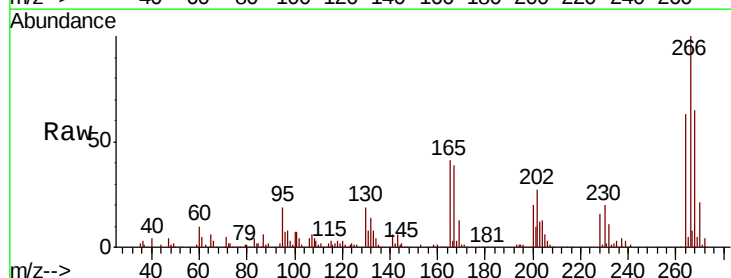
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 72.023 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	63.0	52.1	78.1

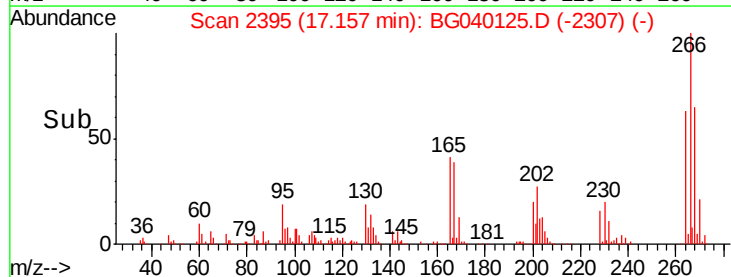
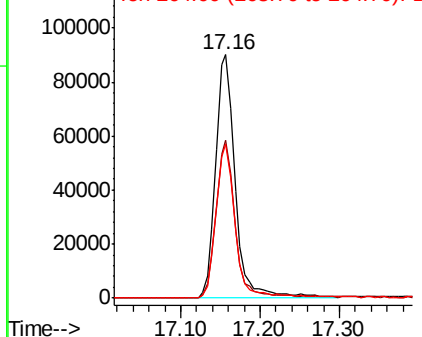


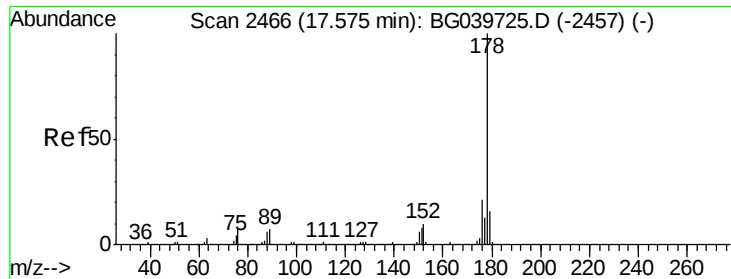
Abundance

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

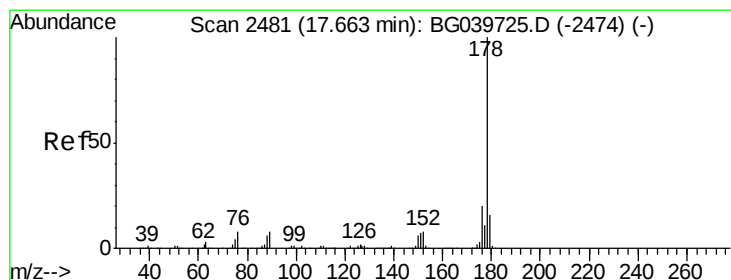
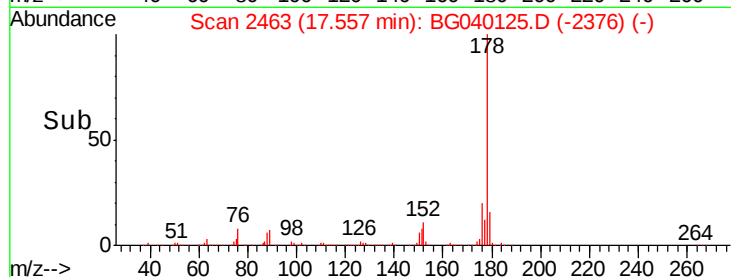
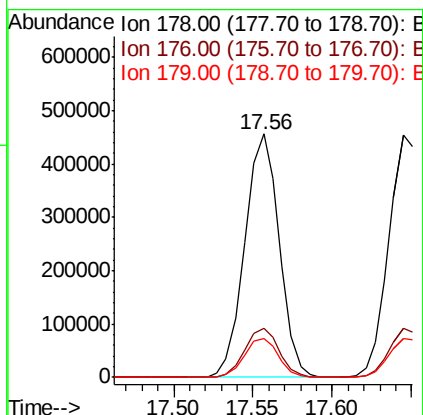
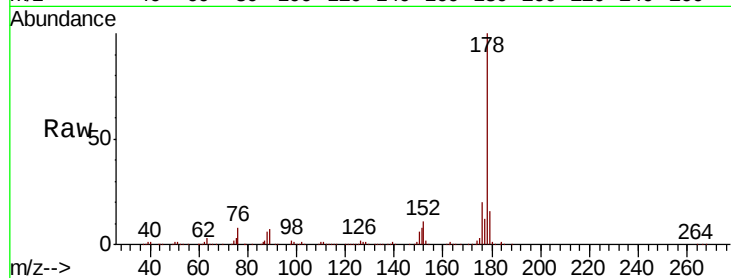




#71
Phenanthrene
Concen: 42.481 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

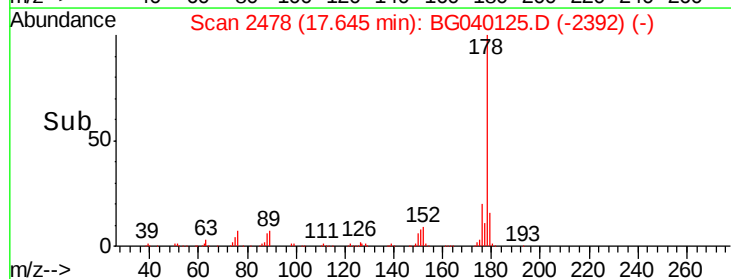
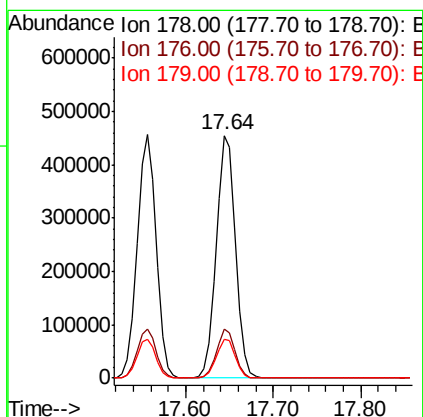
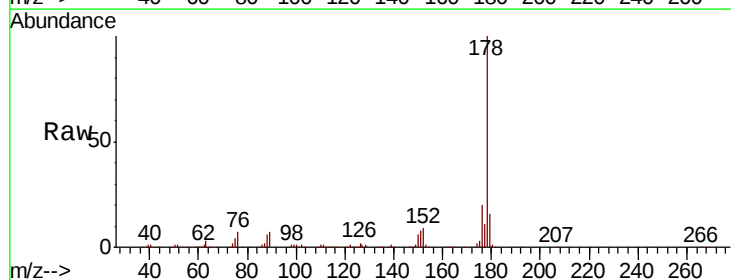
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion:178 Resp: 688345
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 43.782 ng
RT: 17.64 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion:178 Resp: 691326
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.1 12.5 18.7

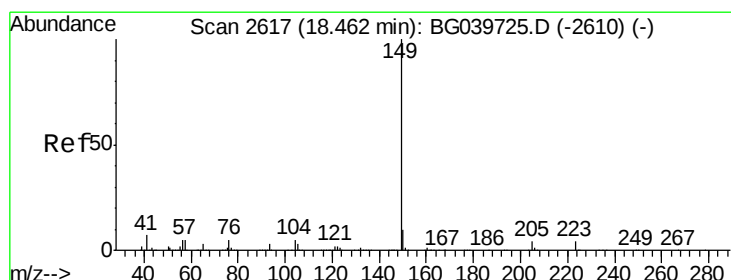
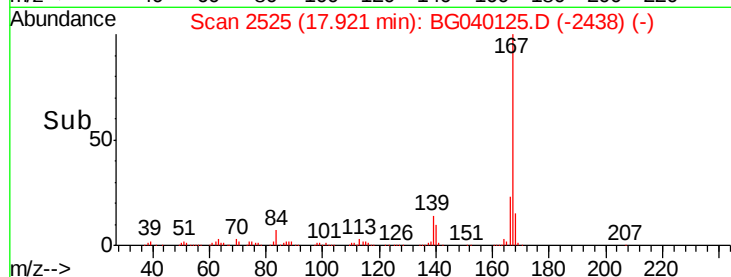
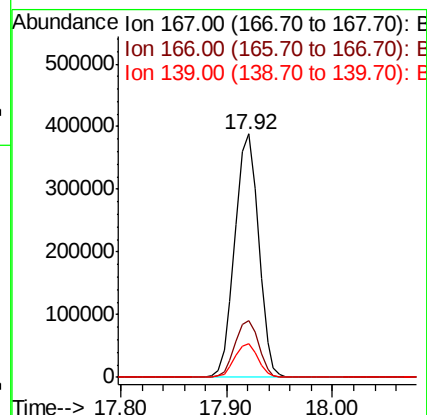
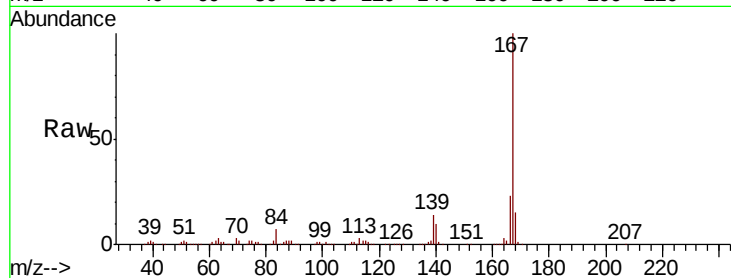




#73
 Carbazole
 Concen: 42.397 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

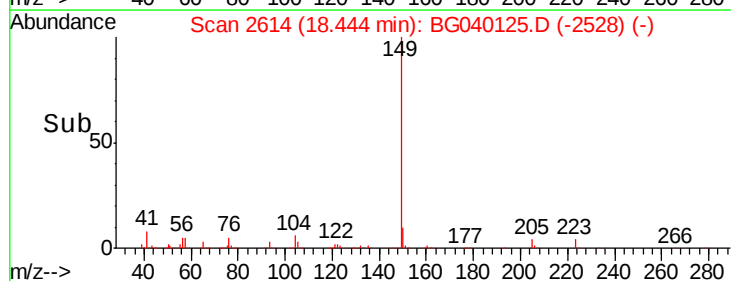
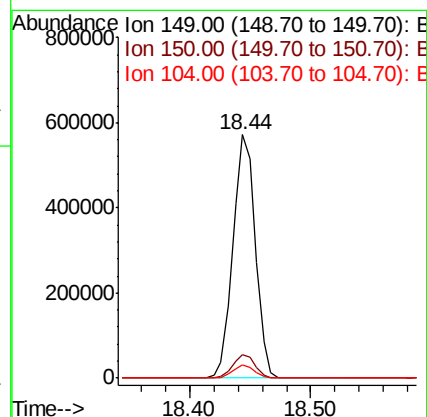
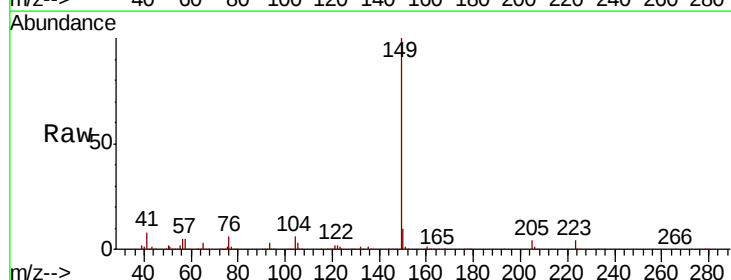
Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

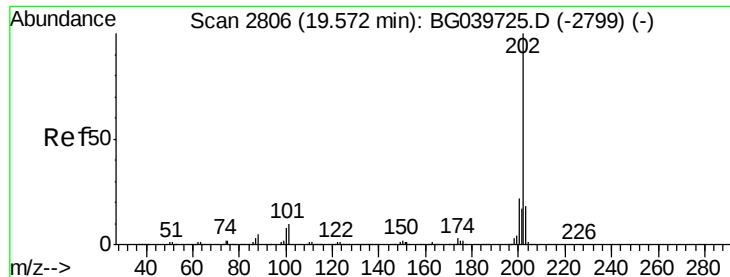
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.4	29.2
139	13.8	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 43.959 ng
 RT: 18.44 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 42.478 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

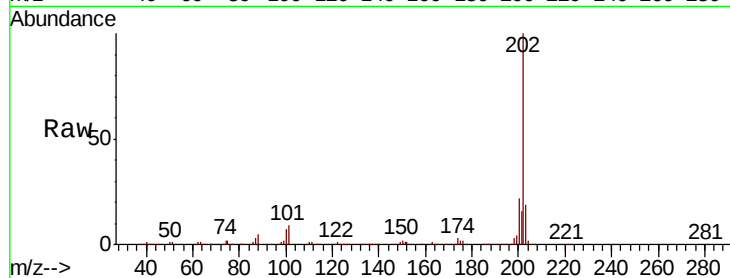
Tgt Ion:202 Resp: 813444

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.0

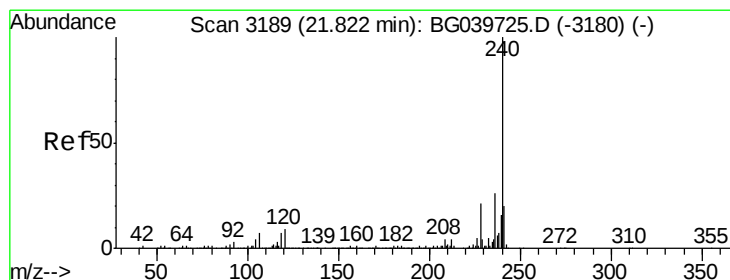
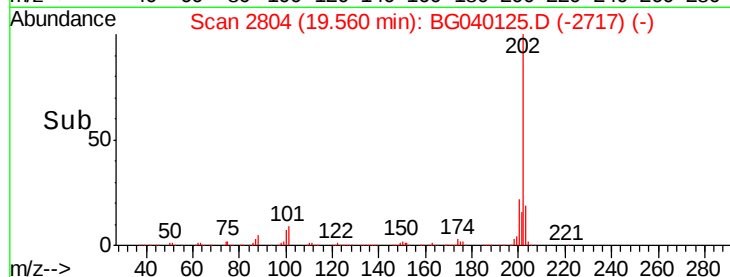
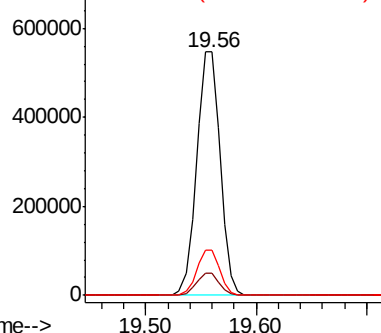
203 18.6 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

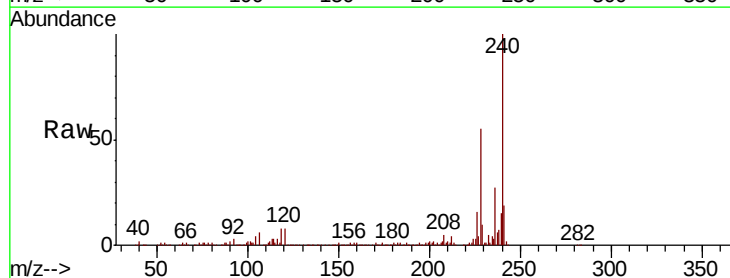
Tgt Ion:240 Resp: 288954

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

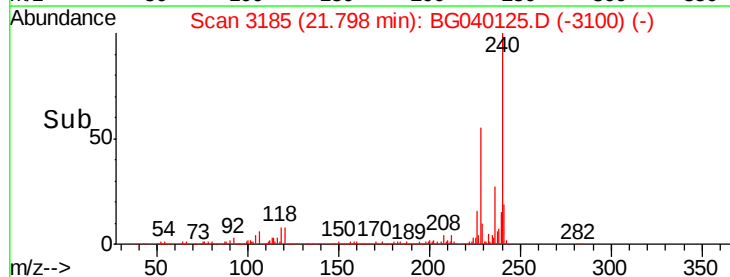
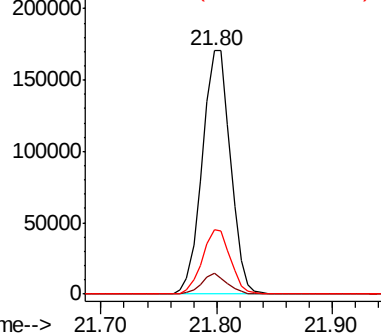
236 26.6 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.264 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

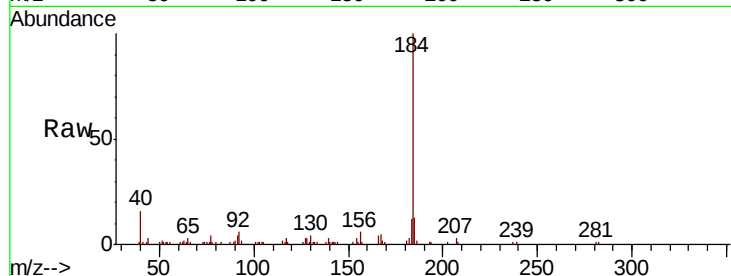
Tgt Ion:184 Resp: 39095

Ion Ratio Lower Upper

184 100

185 13.0 12.2 18.2

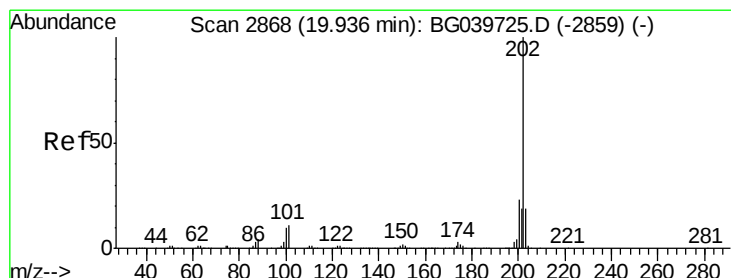
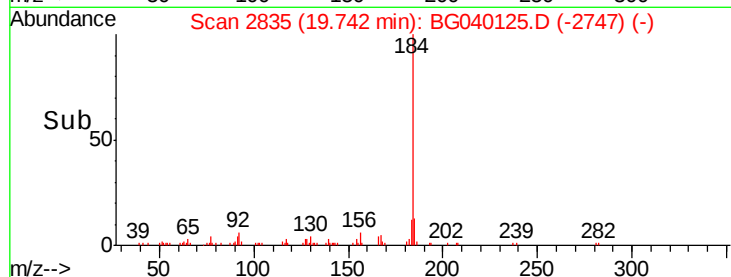
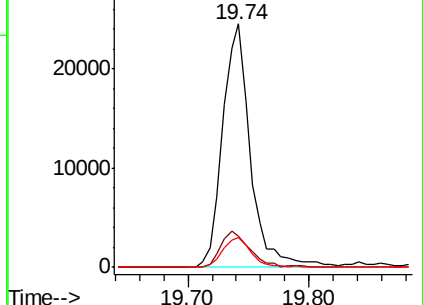
183 12.4 10.6 15.8



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: 43.534 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

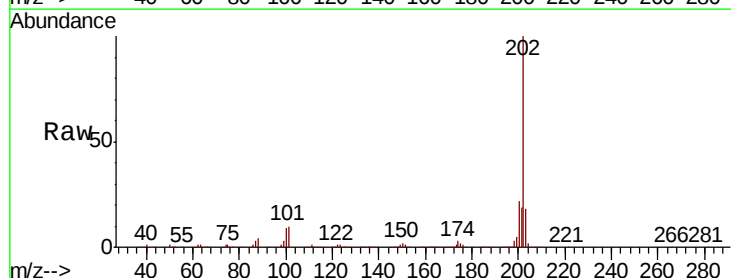
Tgt Ion:202 Resp: 817412

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.8

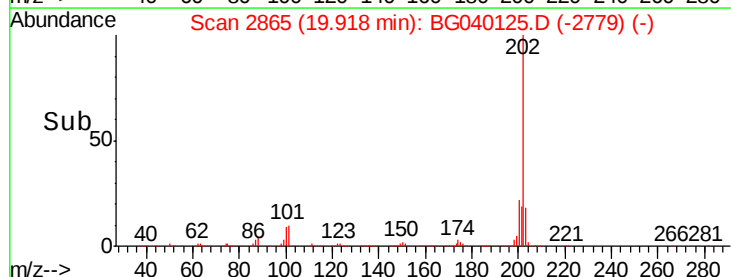
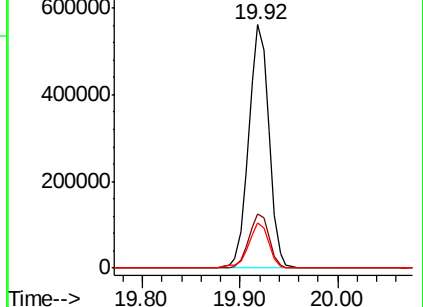
203 18.4 15.3 22.9

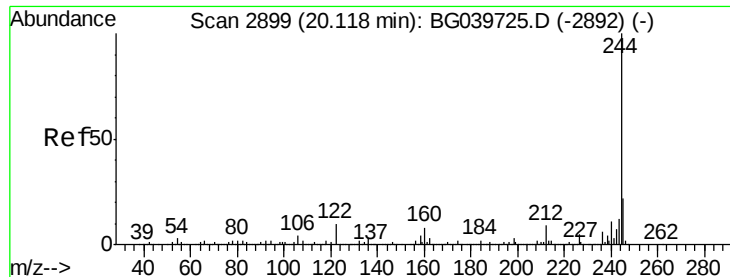


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.181 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampled :

S4B(2-10)MSD

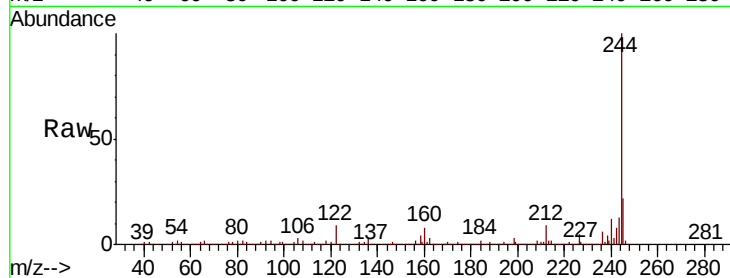
Tgt Ion:244 Resp: 1157241

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

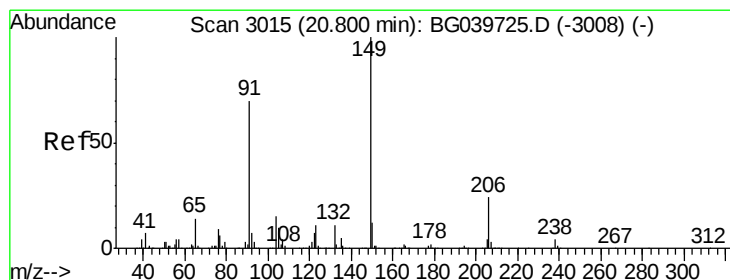
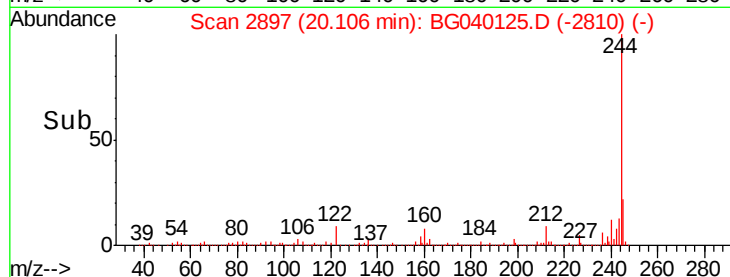
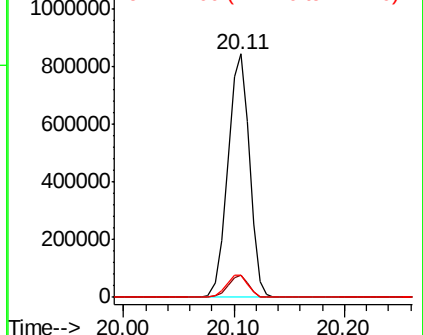
122 8.9 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.949 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

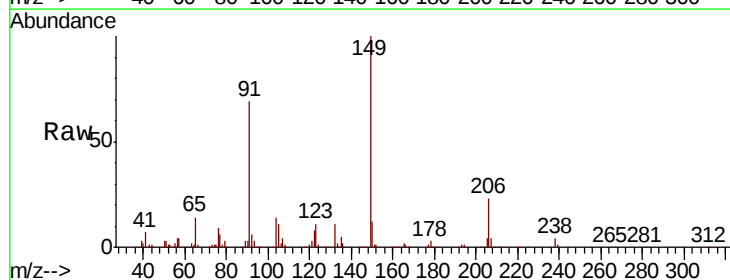
Tgt Ion:149 Resp: 334251

Ion Ratio Lower Upper

149 100

91 68.8 59.5 89.3

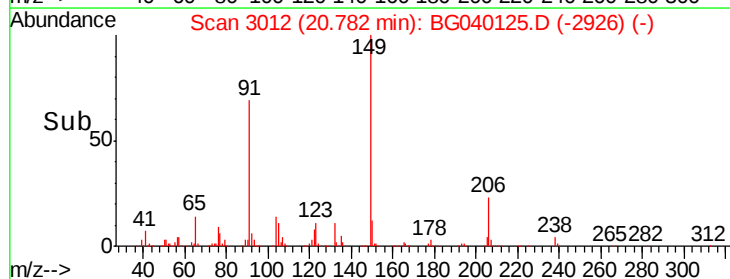
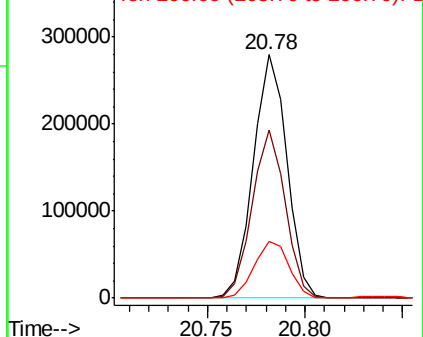
206 23.4 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.833 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

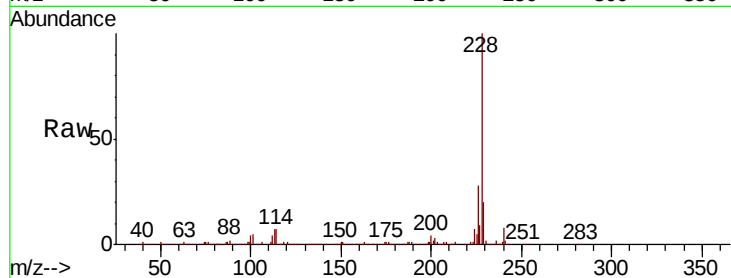
Tgt Ion:228 Resp: 775695

Ion Ratio Lower Upper

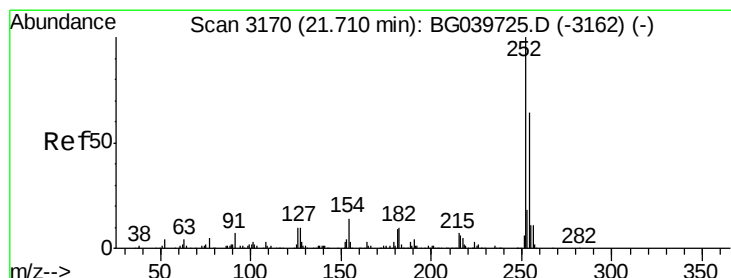
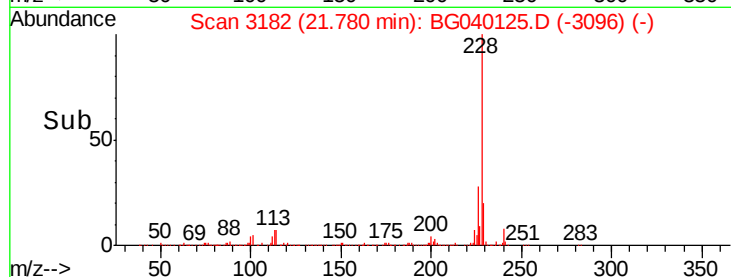
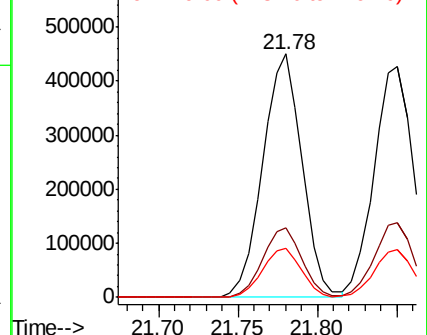
228 100

226 28.5 23.0 34.6

229 20.0 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: 11.142 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

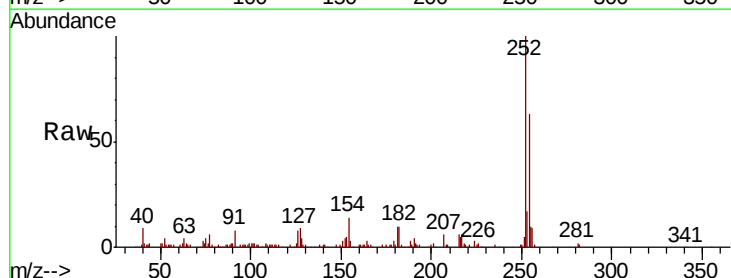
Tgt Ion:252 Resp: 73668

Ion Ratio Lower Upper

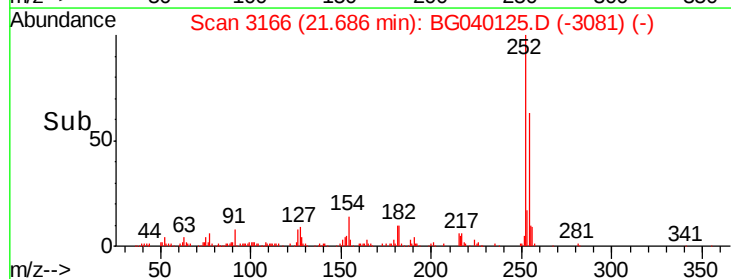
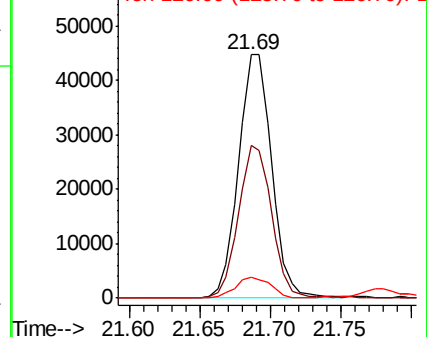
252 100

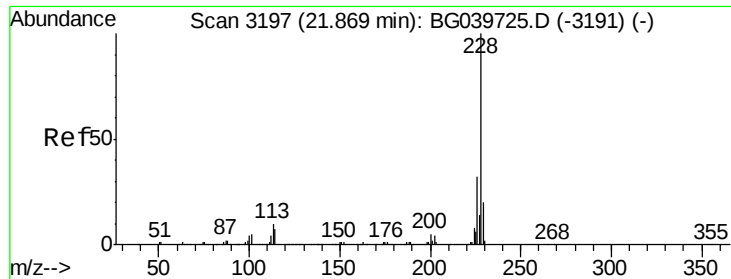
254 62.8 51.3 76.9

126 8.5 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: 41.613 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

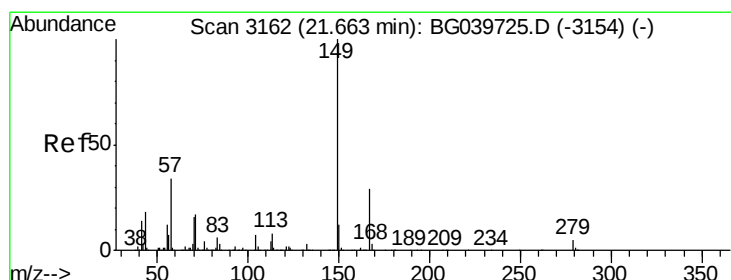
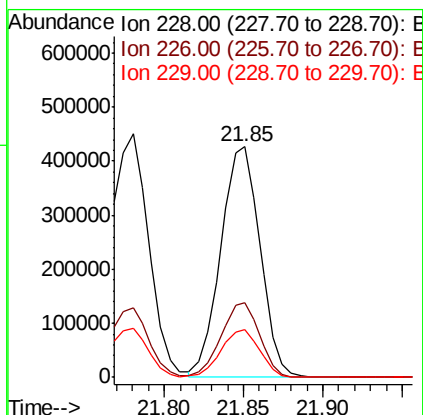
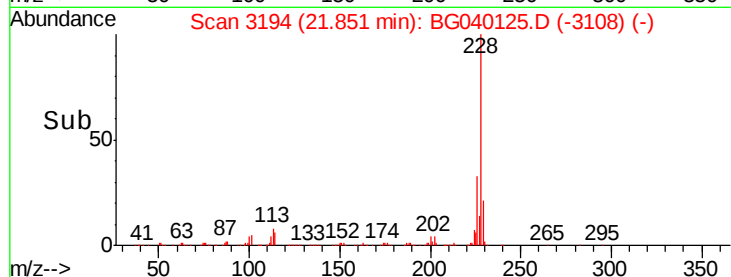
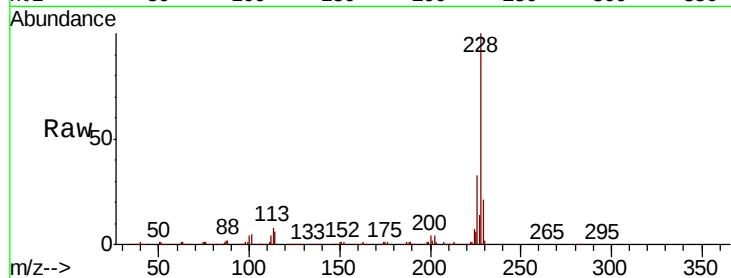
Tgt Ion:228 Resp: 730592

Ion Ratio Lower Upper

228 100

226 32.5 25.8 38.6

229 20.8 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.245 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

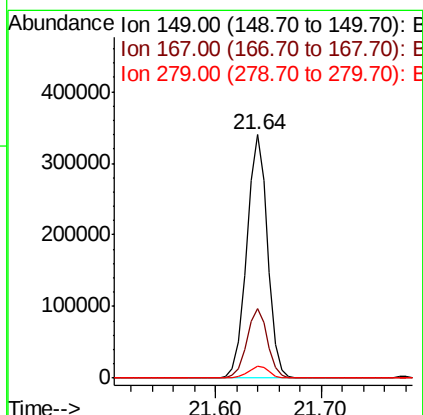
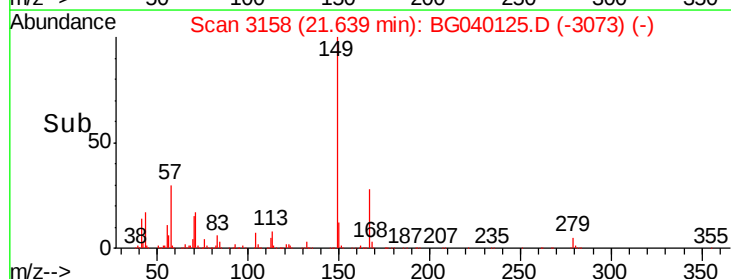
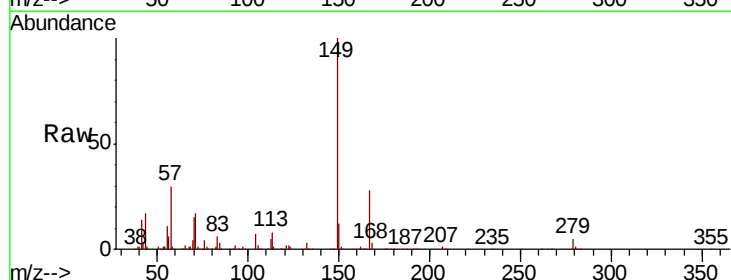
Tgt Ion:149 Resp: 462507

Ion Ratio Lower Upper

149 100

167 28.3 22.6 34.0

279 4.9 3.5 5.3

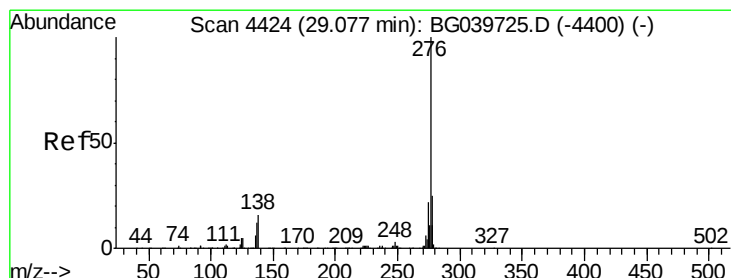
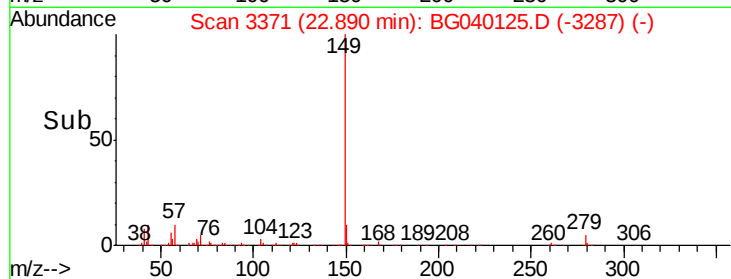
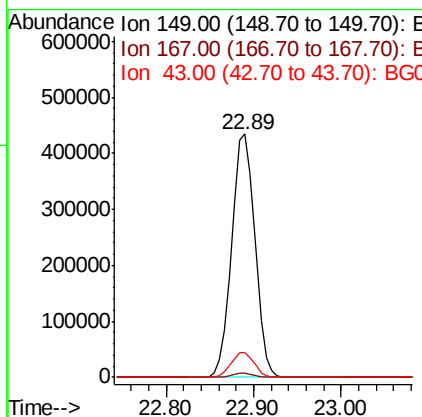
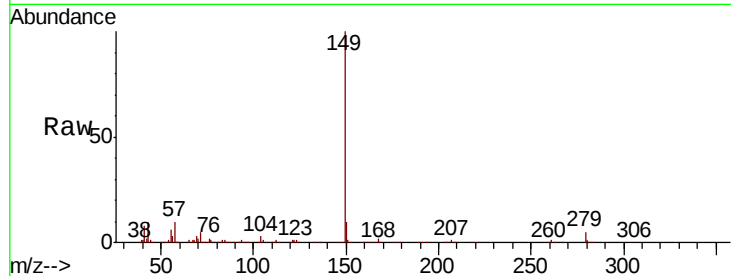




#85
 Di-n-octyl phthalate
 Concen: 46.195 ng
 RT: 22.89 min Scan# 3371
 Delta R.T. -0.04 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

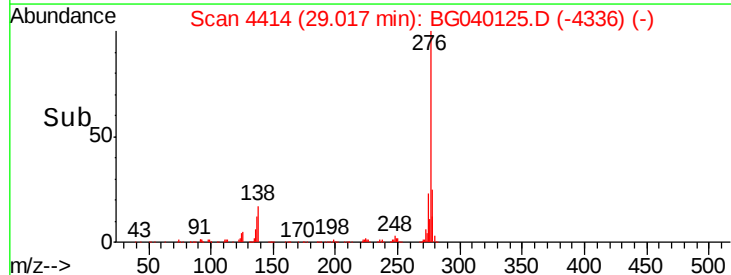
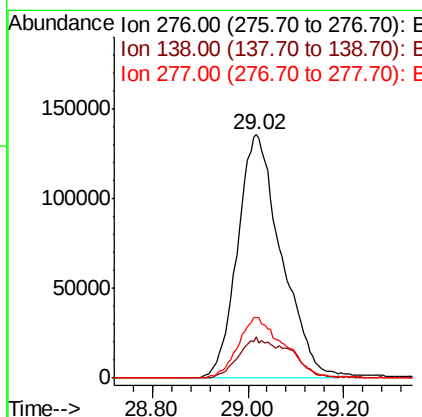
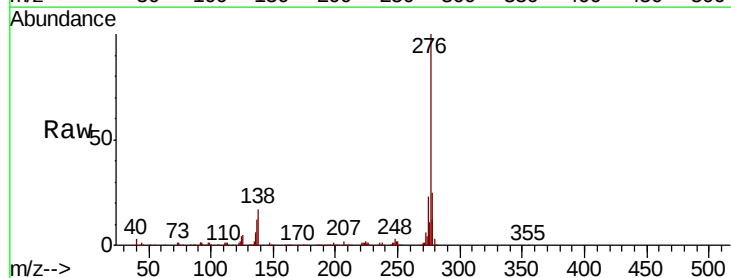
Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

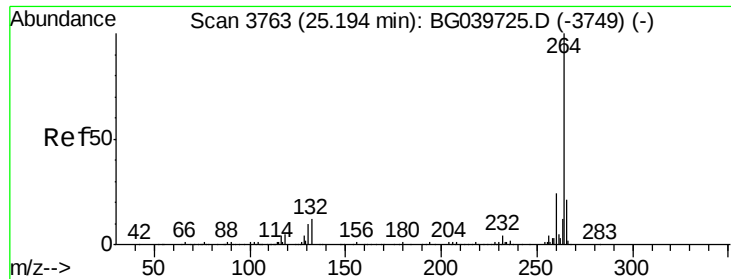
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.0	10.2	15.4#



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 43.342 ng
 RT: 29.02 min Scan# 4414
 Delta R.T. -0.07 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.3	12.6	19.0#
277	26.1	20.8	31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MSD

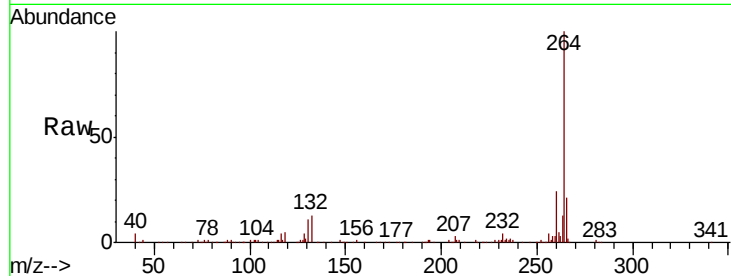
Tgt Ion:264 Resp: 297994

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

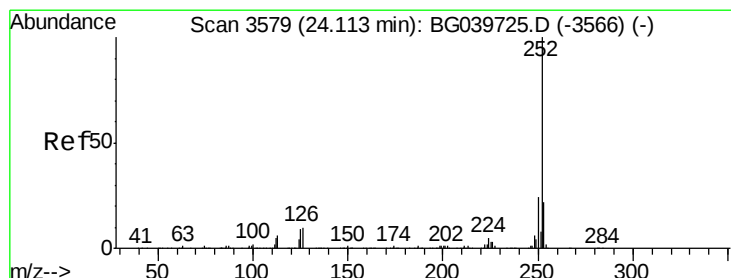
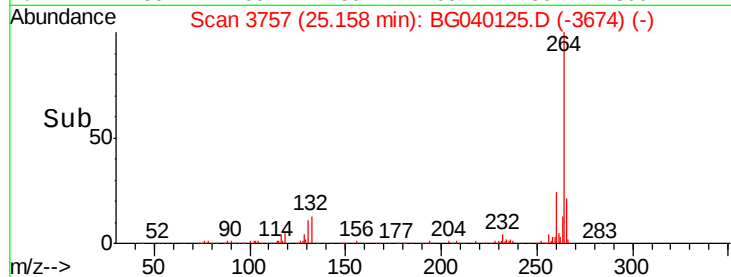
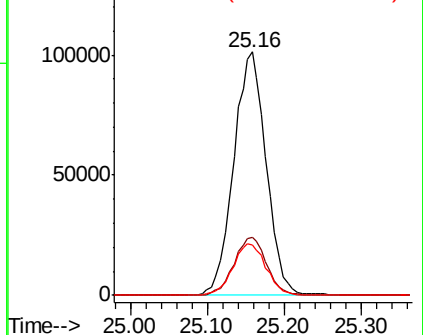
265 20.6 18.5 27.7



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: 43.888 ng

RT: 24.08 min Scan# 3574

Delta R.T. -0.04 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

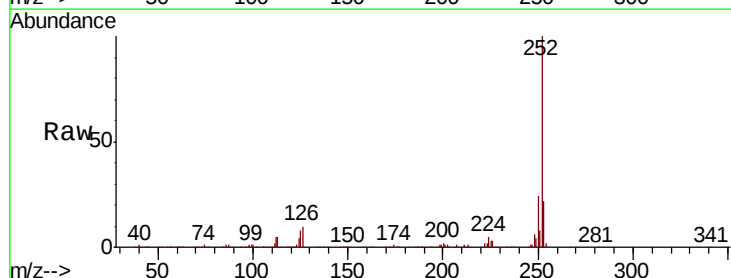
Tgt Ion:252 Resp: 779888

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

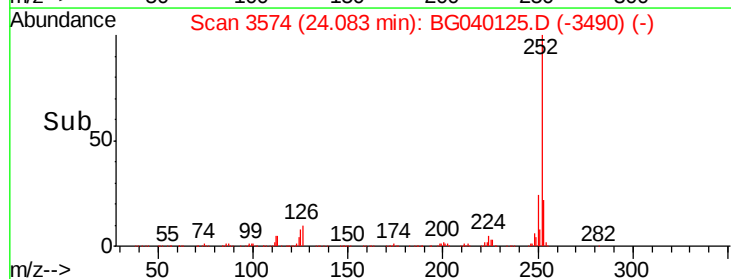
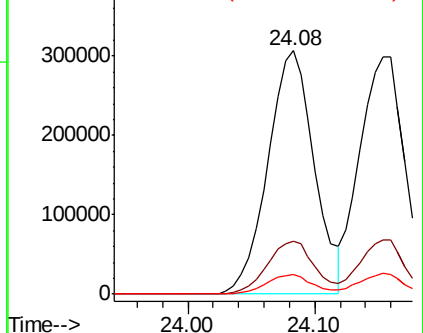
125 8.2 7.8 11.6

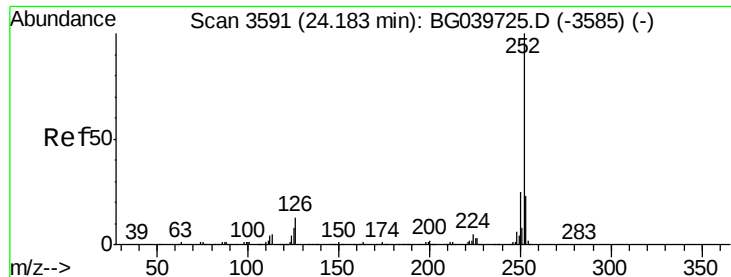


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

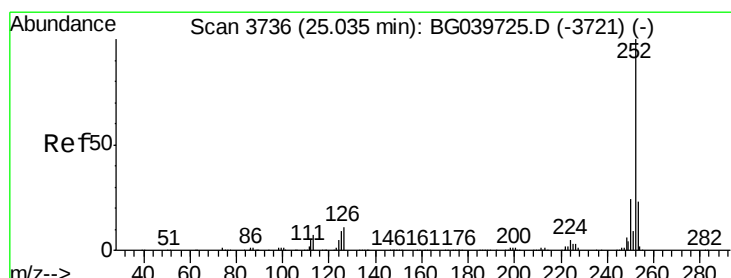
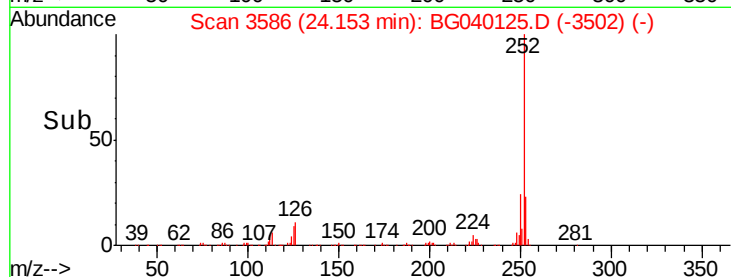
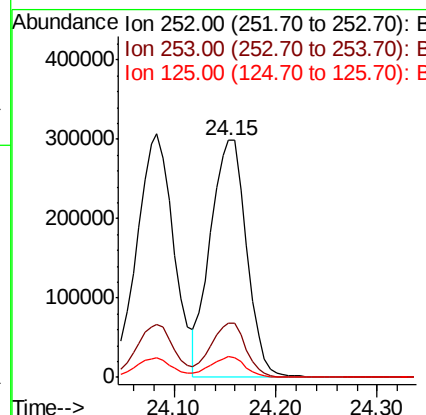
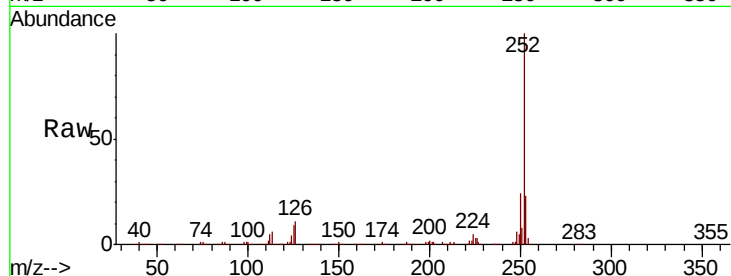




#89
Benzo(k)fluoranthene
Concen: 44.632 ng
RT: 24.15 min Scan# 3586
Delta R.T. -0.04 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

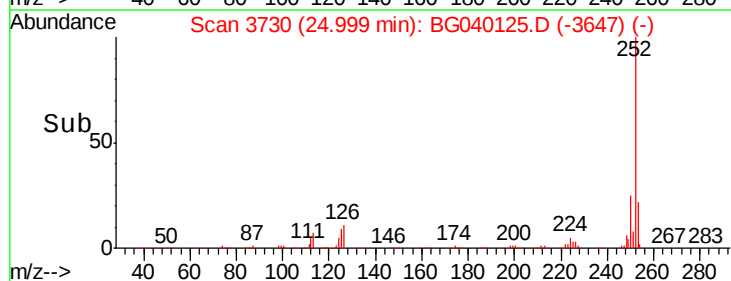
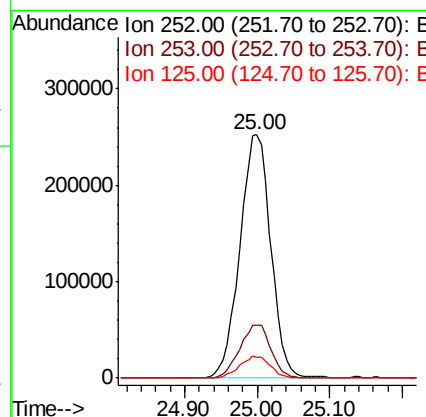
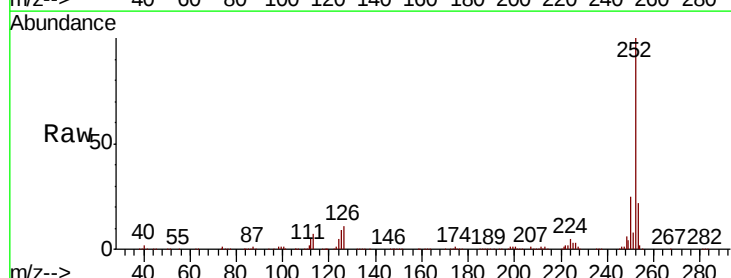
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	8.8	7.4	11.2



#90
Benzo(a)pyrene
Concen: 45.461 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	8.8	8.3	12.5

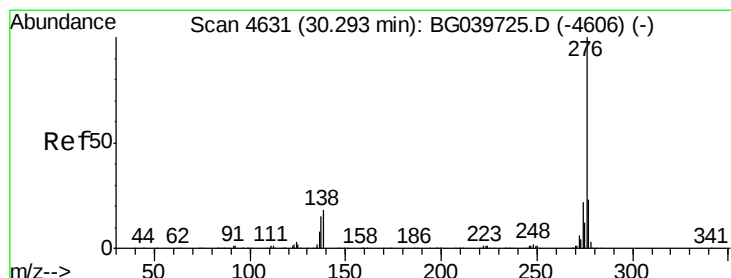
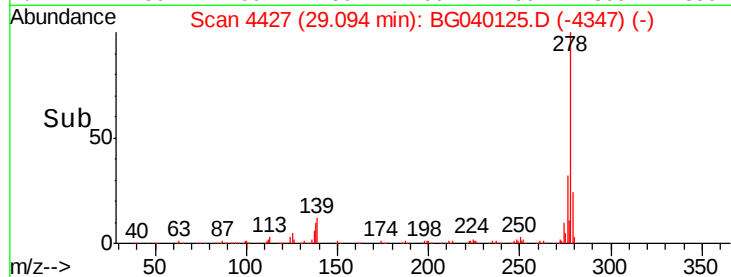
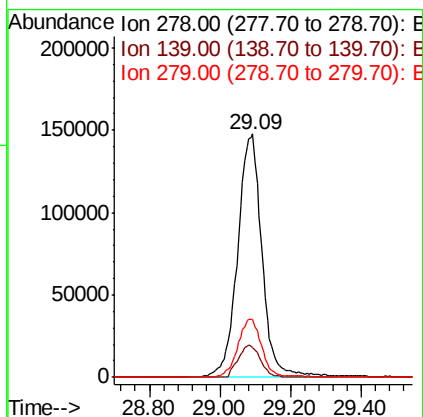
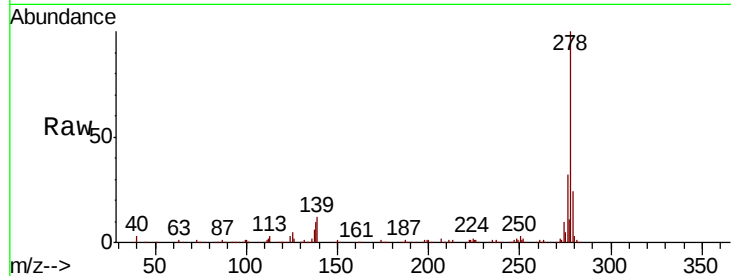




#91
Dibenzo(a,h)anthracene
Concen: 44.180 ng
RT: 29.09 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	11.7	17.5
279	24.0	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 44.784 ng
RT: 30.25 min Scan# 4623
Delta R.T. -0.07 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.6	29.4
138	17.2	14.7	22.1

