

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
 Data File : BG040149.D
 Acq On : 26 Mar 2019 16:16
 Operator : JU/SJ
 Sample : PB118289BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118289BS

Quant Time: Mar 27 01:22:14 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	55699	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	230130	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	154396	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	371000	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	362962	20.00	ng	-0.03
87) Perylene-d12	25.16	264	345417	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	471722	144.48	ng	-0.02
7) Phenol-d6	7.29	99	667363	137.09	ng	-0.02
23) Nitrobenzene-d5	9.32	82	396378	93.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	274164	152.35	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	956286	88.19	ng	-0.02
79) Terphenyl-d14	20.11	244	1423345	86.34	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	43369	28.773	ng	96
3) Pyridine	3.98	79	121040	29.995	ng	96
4) n-Nitrosodimethylamine	3.90	42	72938	38.101	ng	# 85
6) Aniline	7.47	93	193338	30.314	ng	97
8) 2-Chlorophenol	7.71	128	160610	40.549	ng	94
9) Benzaldehyde	7.28	77	79038	25.169	ng	97
10) Phenol	7.32	94	216617	41.075	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	150585	36.623	ng	99
12) 1,3-Dichlorobenzene	8.02	146	170849	38.139	ng	97
13) 1,4-Dichlorobenzene	8.18	146	178922	39.212	ng	99
14) 1,2-Dichlorobenzene	8.49	146	166585	37.786	ng	99
15) Benzyl Alcohol	8.38	79	153635	39.785	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	280994	34.169	ng	98
17) 2-Methylphenol	8.58	107	142263	42.306	ng	97
18) Hexachloroethane	9.22	117	62384	38.103	ng	94
19) n-Nitroso-di-n-propylamine	8.95	70	126330	36.054	ng	90
20) 3+4-Methylphenols	8.90	107	196657	42.096	ng	98
22) Acetophenone	8.97	105	241951	39.172	ng	# 93
24) Nitrobenzene	9.36	77	189422	42.435	ng	97
25) Isophorone	9.87	82	359770	40.352	ng	99
26) 2-Nitrophenol	10.07	139	95676	44.392	ng	96
27) 2,4-Dimethylphenol	10.11	122	160273	47.815	ng	95
28) bis(2-Chloroethoxy)methane	10.36	93	218441	40.317	ng	95
29) 2,4-Dichlorophenol	10.60	162	181003	47.961	ng	94
30) 1,2,4-Trichlorobenzene	10.81	180	180643	42.537	ng	98
31) Naphthalene	11.01	128	498833	40.940	ng	99
32) Benzoic acid	10.27	122	88067	39.603	ng	97
33) 4-Chloroaniline	11.12	127	99175	19.195	ng	95
34) Hexachlorobutadiene	11.27	225	119559	41.200	ng	94
35) Caprolactam	11.92	113	34458	23.902	ng	# 85
36) 4-Chloro-3-methylphenol	12.23	107	191542	44.275	ng	99
37) 2-Methylnaphthalene	12.61	142	382419	41.981	ng	98
38) 1-Methylnaphthalene	12.82	142	365145	41.247	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	220610	42.177	ng	100

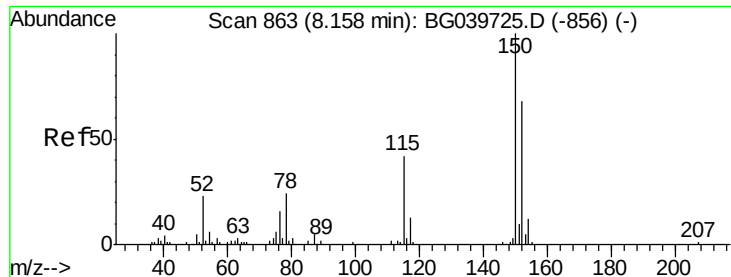
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	278267	99.272	ng	99
43) 2,4,6-Trichlorophenol	13.20	196	151841	49.585	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	162304	47.021	ng	98
46) 1,1'-Biphenyl	13.60	154	518260	40.812	ng	99
47) 2-Chloronaphthalene	13.65	162	403183	42.204	ng	98
48) 2-Nitroaniline	13.86	65	137344	44.736	ng	97
49) Acenaphthylene	14.50	152	645931	41.188	ng	98
50) Dimethylphthalate	14.21	163	542777	42.042	ng	99
51) 2,6-Dinitrotoluene	14.35	165	123063	44.964	ng	94
52) Acenaphthene	14.83	154	388672	41.177	ng	98
53) 3-Nitroaniline	14.68	138	73607	26.754	ng	# 91
54) 2,4-Dinitrophenol	14.89	184	115109	67.565	ng	96
55) Dibenzofuran	15.17	168	642190	41.468	ng	98
56) 4-Nitrophenol	14.98	139	190361	77.346	ng	90
57) 2,4-Dinitrotoluene	15.13	165	173962	45.235	ng	# 88
58) Fluorene	15.81	166	508725	41.786	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.38	232	159833	47.414	ng	95
60) Diethylphthalate	15.57	149	540361	42.280	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	275762	42.447	ng	96
62) 4-Nitroaniline	15.85	138	124344	41.689	ng	93
63) Azobenzene	16.09	77	469893	40.560	ng	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	102770	46.850	ng	97
66) n-Nitrosodiphenylamine	16.02	169	467447	43.522	ng	99
67) 4-Bromophenyl-phenylether	16.69	248	182297	43.898	ng	95
68) Hexachlorobenzene	16.81	284	189867	44.108	ng	96
69) Atrazine	16.96	200	174476	41.276	ng	96
70) Pentachlorophenol	17.16	266	235532	86.638	ng	97
71) Phenanthrene	17.56	178	836243	40.922	ng	99
72) Anthracene	17.65	178	848858	42.627	ng	99
73) Carbazole	17.92	167	741984	41.330	ng	99
74) Di-n-butylphthalate	18.44	149	891079	42.186	ng	99
75) Fluoranthene	19.56	202	995904	41.237	ng	98
77) Benzidine	19.74	184	298451	25.912	ng	99
78) Pyrene	19.92	202	983165	41.685	ng	99
80) Butylbenzylphthalate	20.78	149	410324	44.905	ng	94
81) Benzo(a)anthracene	21.78	228	967509	42.532	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	217731	26.216	ng	# 98
83) Chrysene	21.85	228	890170	40.364	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	572682	44.599	ng	99
85) Di-n-octyl phthalate	22.89	149	964871	45.382	ng	# 94
86) Indeno(1,2,3-cd)pyrene	29.02	276	1070335	42.782	ng	# 97
88) Benzo(b)fluoranthene	24.08	252	941474	45.707	ng	97
89) Benzo(k)fluoranthene	24.15	252	896785	46.772	ng	99
90) Benzo(a)pyrene	25.01	252	918489	48.256	ng	98
91) Dibenzo(a,h)anthracene	29.09	278	866134	46.417	ng	98
92) Benzo(g,h,i)perylene	30.25	276	884326	47.188	ng	95

(#) = 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

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

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PB118289BS

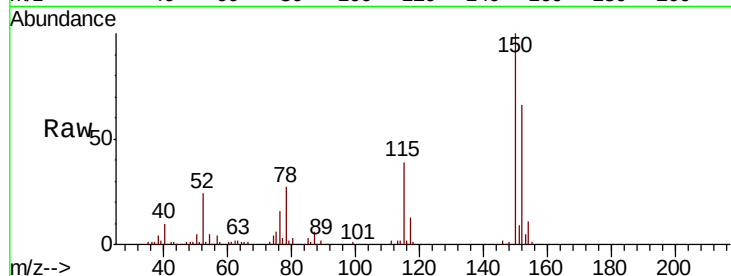
Tgt Ion:152 Resp: 55699

Ion Ratio Lower Upper

152 100

150 152.5 123.7 185.5

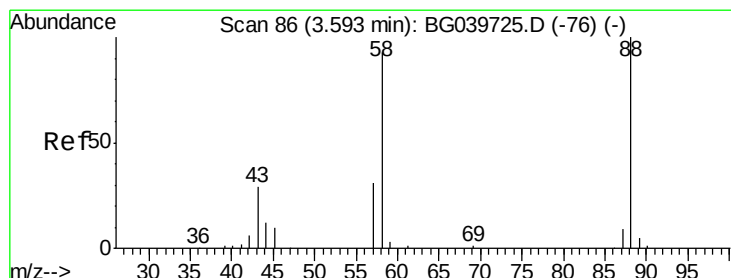
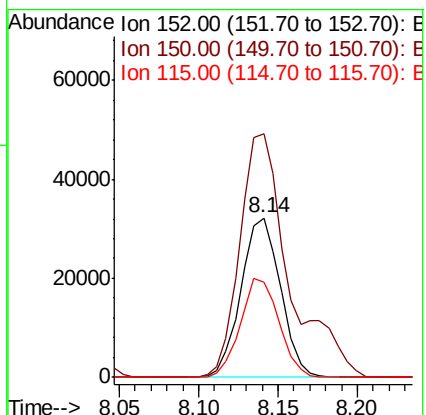
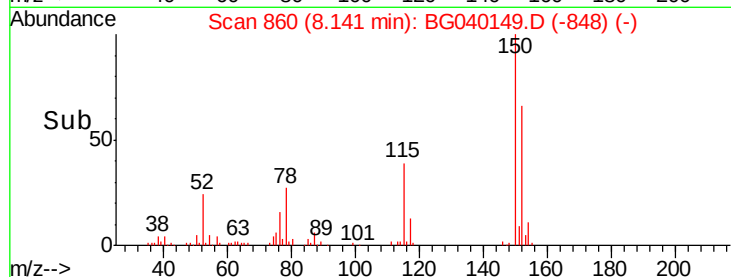
115 59.5 45.9 68.9



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: 28.773 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.03 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

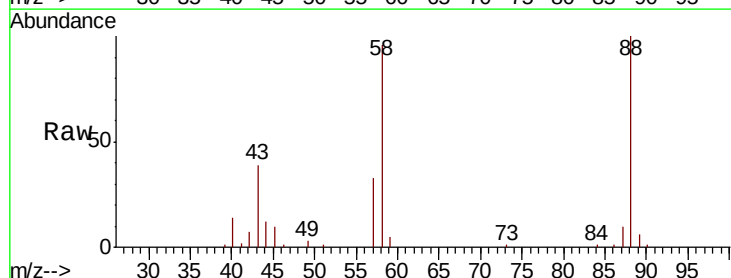
Tgt Ion: 88 Resp: 43369

Ion Ratio Lower Upper

88 100

58 98.8 81.1 121.7

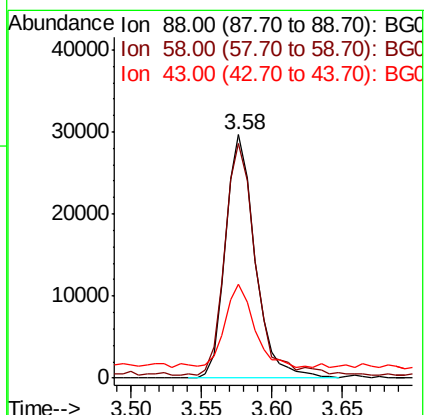
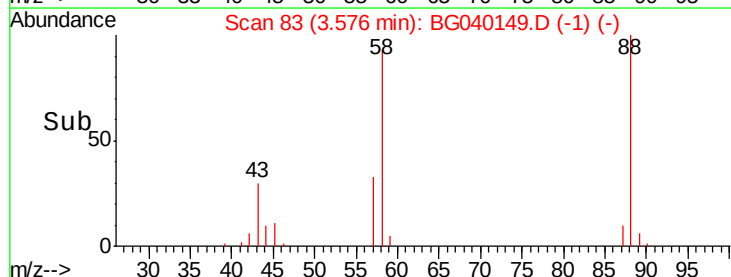
43 35.3 31.4 47.0

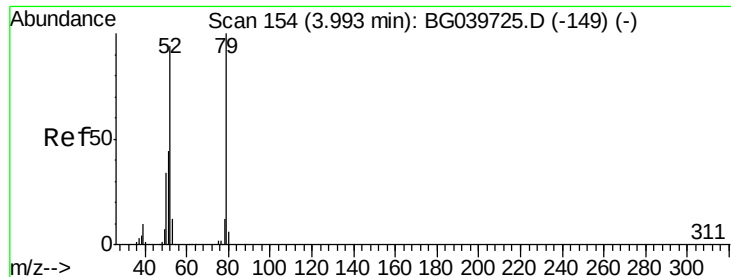


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.995 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

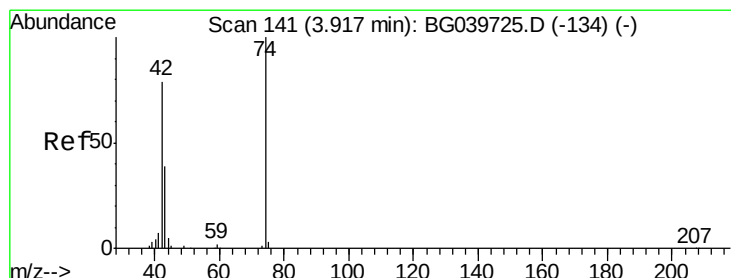
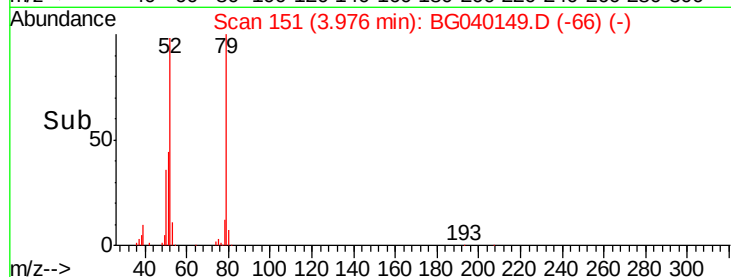
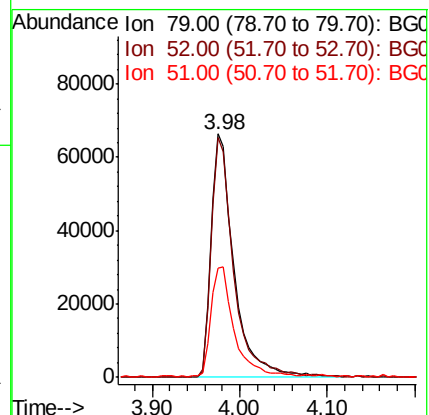
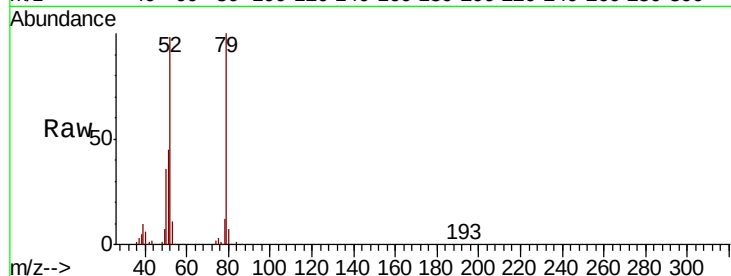
Tgt Ion: 79 Resp: 121040

Ion Ratio Lower Upper

79 100

52 98.3 82.6 124.0

51 44.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.101 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

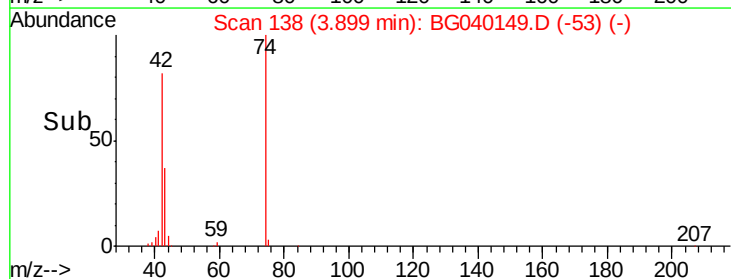
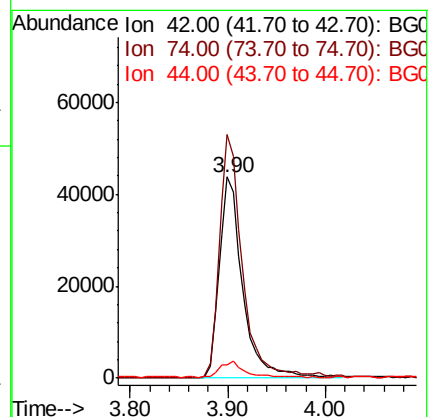
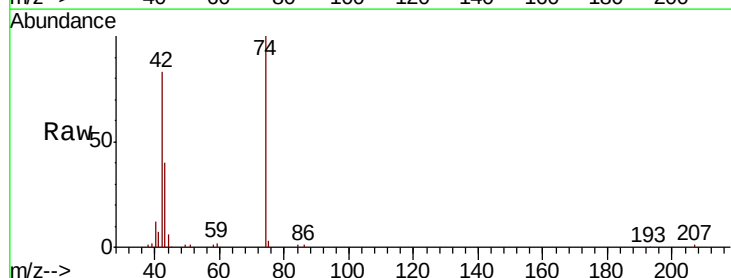
Tgt Ion: 42 Resp: 72938

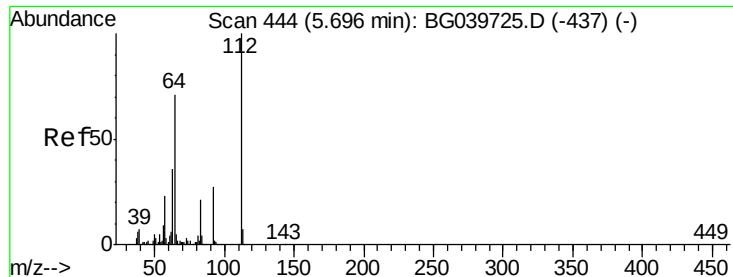
Ion Ratio Lower Upper

42 100

74 121.0 83.6 125.4

44 6.9 6.9 10.3#





#5

2-Fluorophenol

Concen: 144.484 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

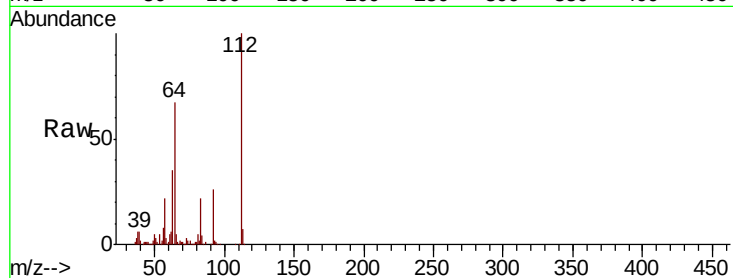
Tgt Ion: 112 Resp: 471722

Ion Ratio Lower Upper

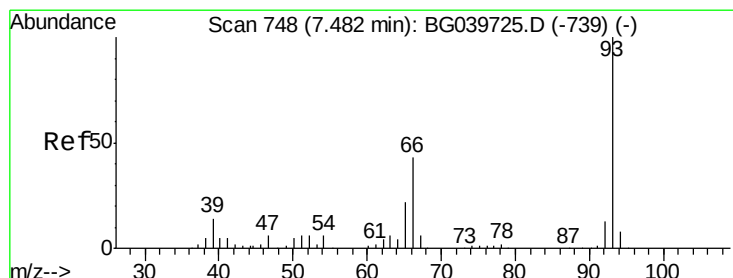
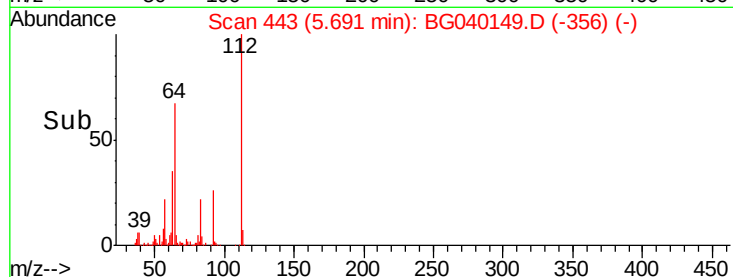
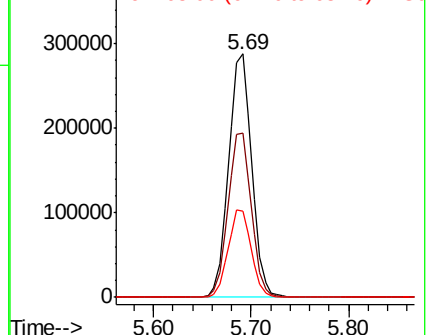
112 100

64 67.4 57.8 86.8

63 35.4 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: 30.314 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

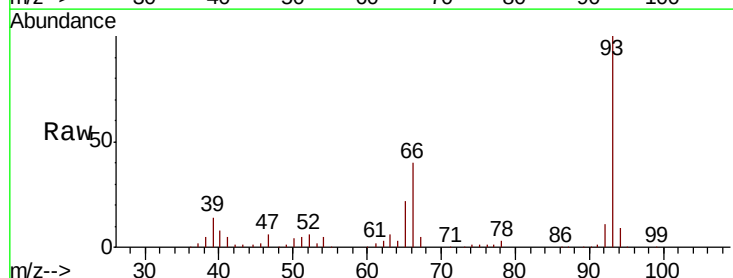
Tgt Ion: 93 Resp: 193338

Ion Ratio Lower Upper

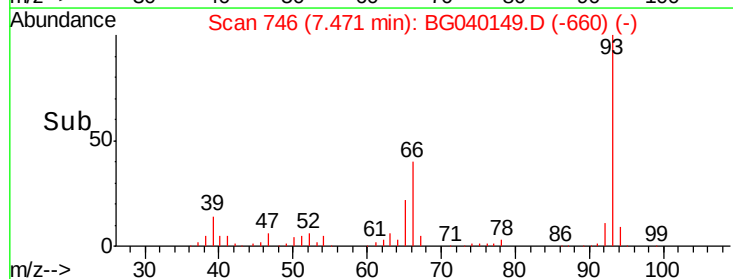
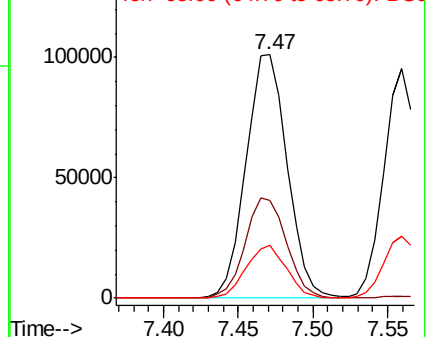
93 100

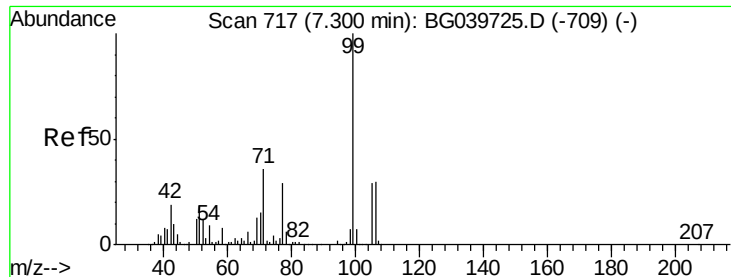
66 40.1 34.2 51.4

65 21.6 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: 137.089 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

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ClientSampleId :

PB118289BS

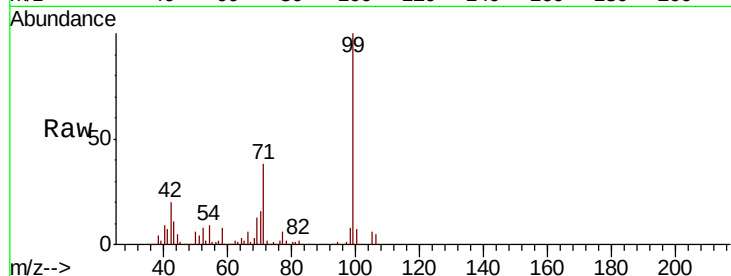
Tgt Ion: 99 Resp: 667363

Ion Ratio Lower Upper

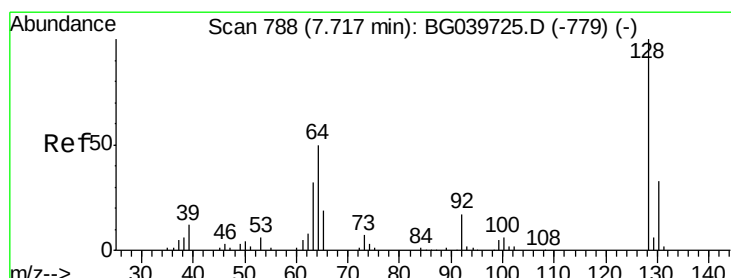
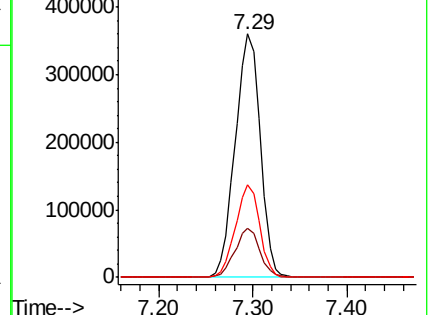
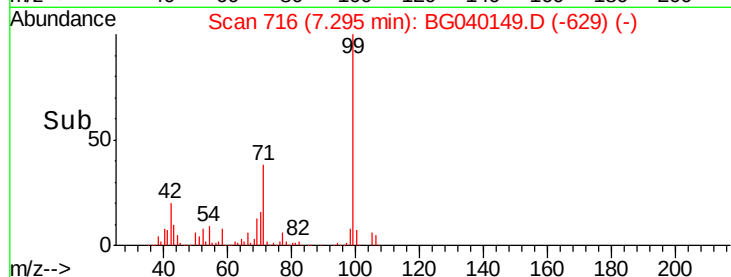
99 100

42 20.0 18.2 27.2

71 37.8 28.0 42.0



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



#8

2-Chlorophenol

Concen: 40.549 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

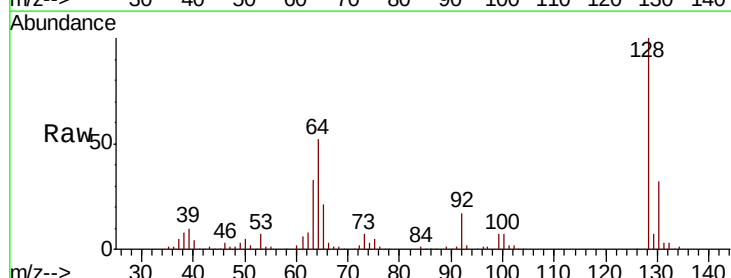
Tgt Ion: 128 Resp: 160610

Ion Ratio Lower Upper

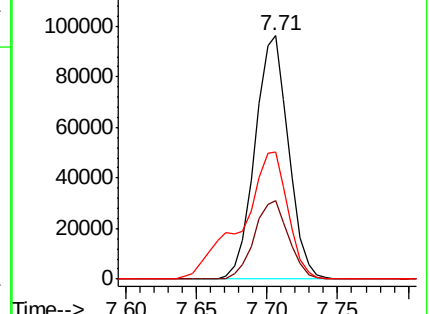
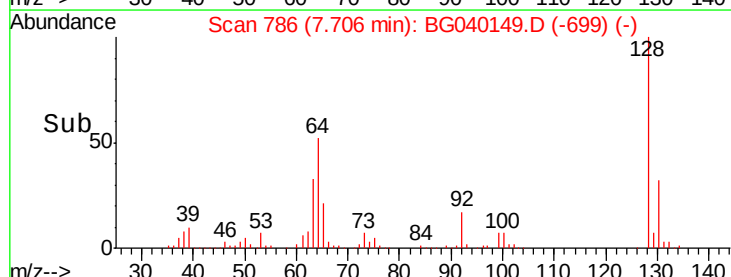
128 100

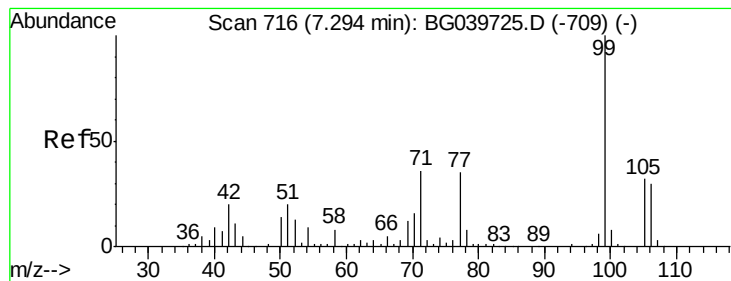
130 32.3 12.9 52.9

64 52.3 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: 25.169 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

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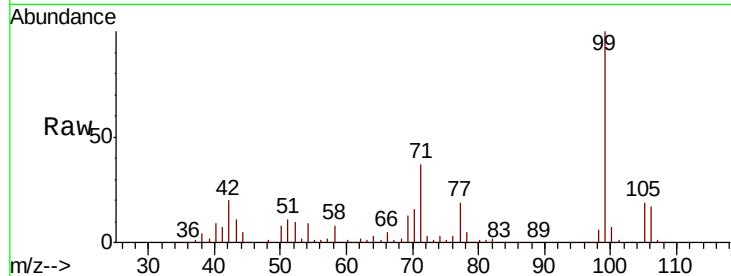
Tgt Ion: 77 Resp: 79038

Ion Ratio Lower Upper

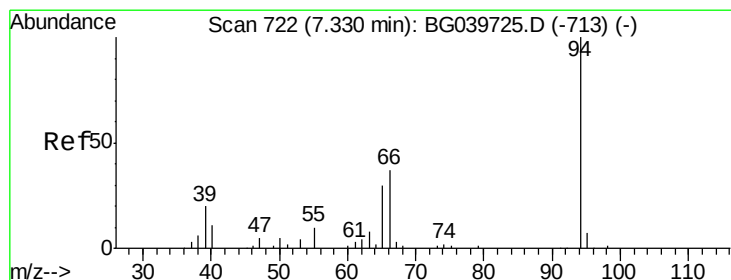
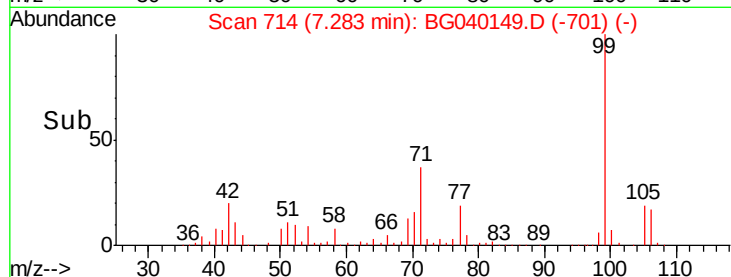
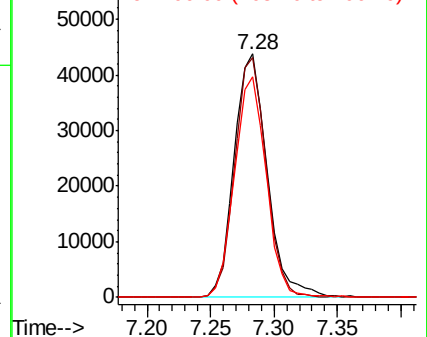
77 100

105 98.3 74.5 114.5

106 90.5 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: 41.075 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

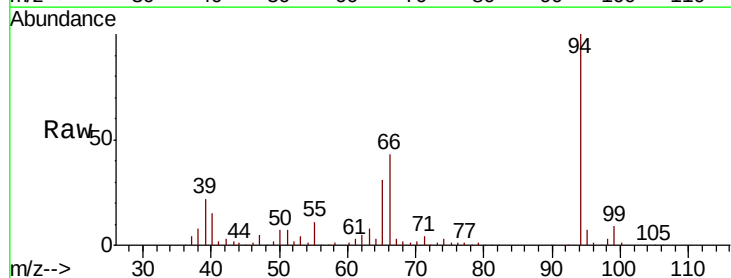
Tgt Ion: 94 Resp: 216617

Ion Ratio Lower Upper

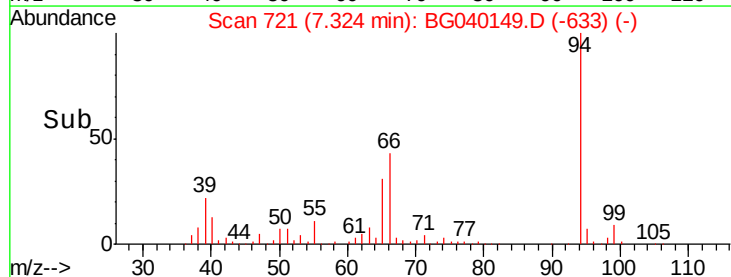
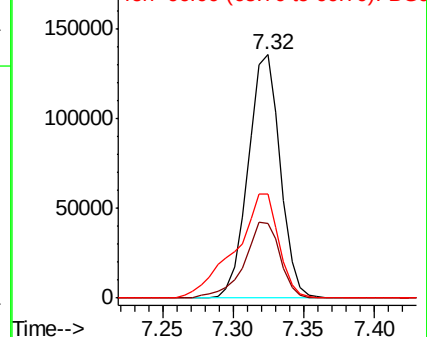
94 100

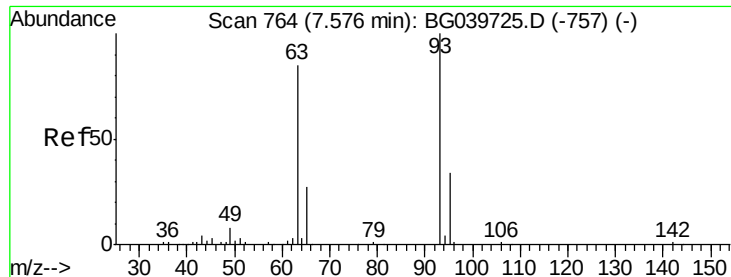
65 30.7 11.7 51.7

66 42.6 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

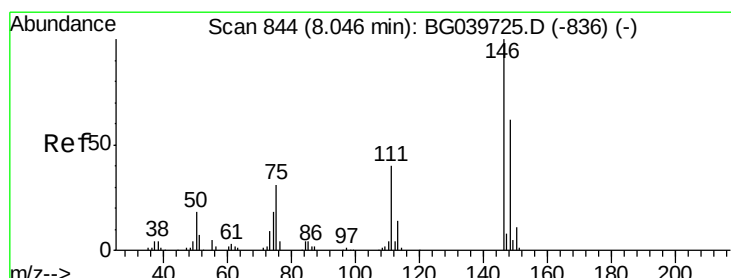
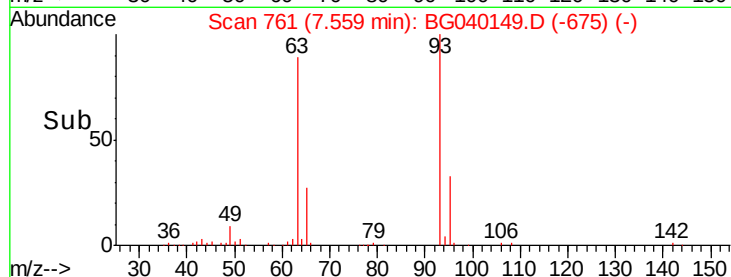
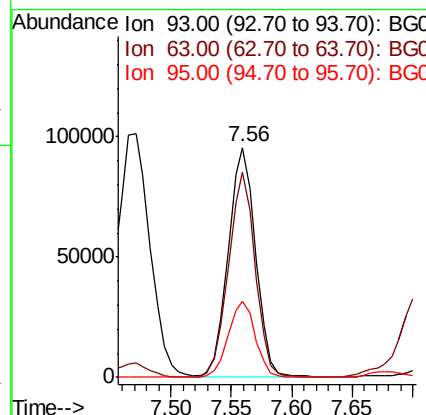
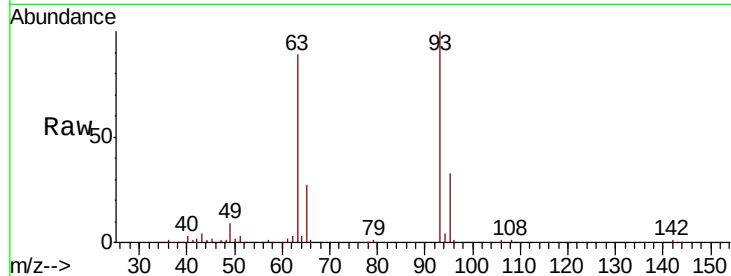




#11
 bis(2-Chloroethyl)ether
 Concen: 36.623 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

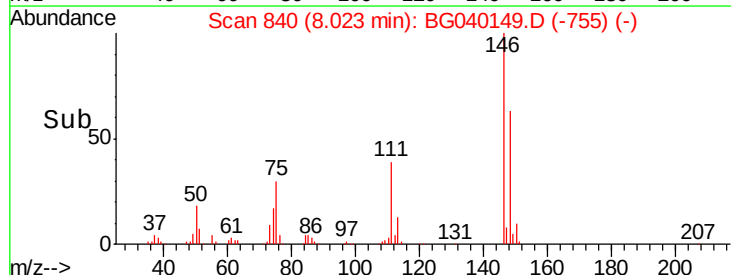
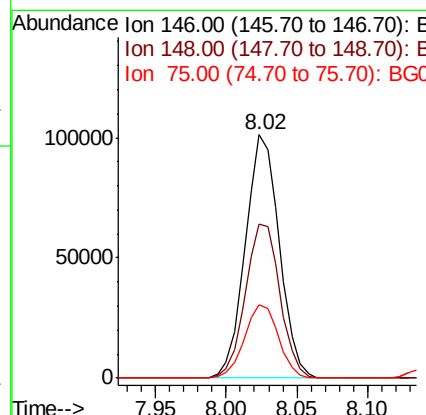
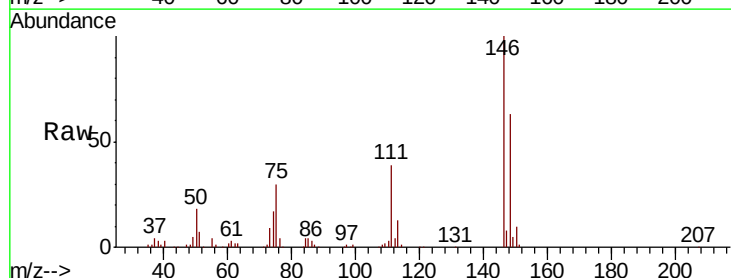
Instrument :
 BNA_G
 ClientSampleId :
 PB118289BS

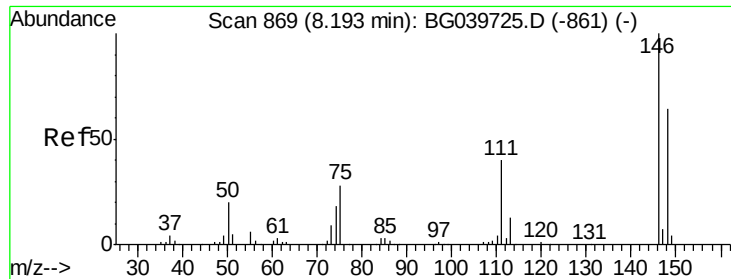
Tgt Ion: 93 Resp: 150585
 Ion Ratio Lower Upper
 93 100
 63 89.1 69.5 109.5
 95 33.1 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 38.139 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.03 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

Tgt Ion: 146 Resp: 170849
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.6 79.0
 75 30.1 25.8 38.6

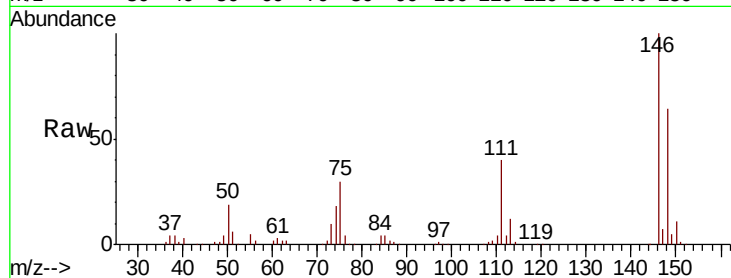




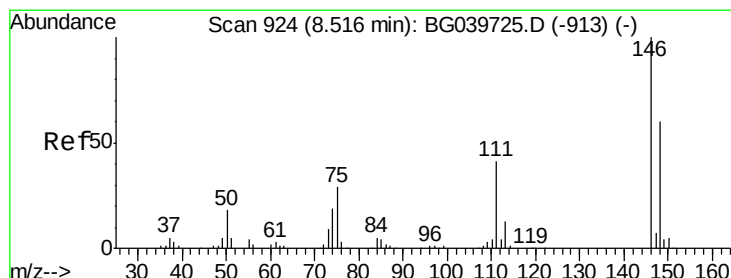
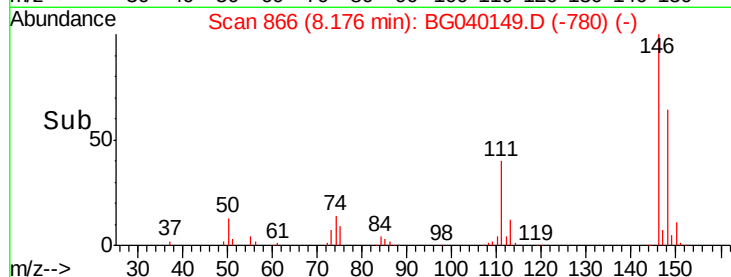
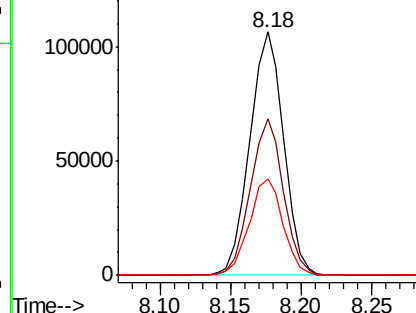
#13
 1,4-Dichlorobenzene
 Concen: 39.212 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB118289BS

Tgt Ion:146 Resp: 178922
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 39.8 32.6 48.8

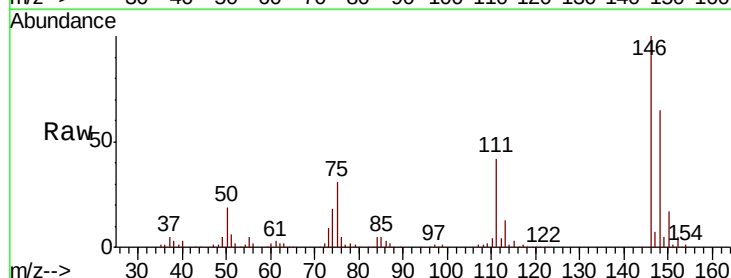


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

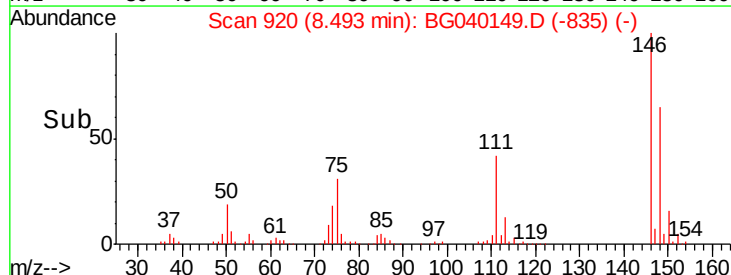
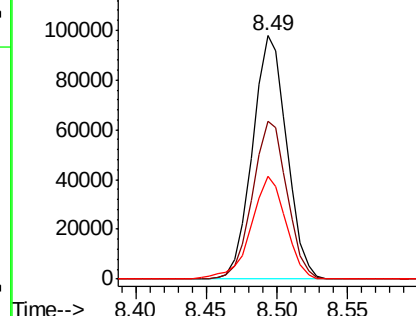


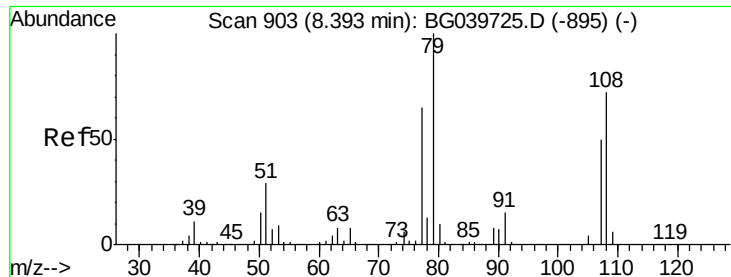
#14
 1,2-Dichlorobenzene
 Concen: 37.786 ng
 RT: 8.49 min Scan# 920
 Delta R.T. -0.03 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

Tgt Ion:146 Resp: 166585
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.5 77.3
 111 42.4 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: 39.785 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

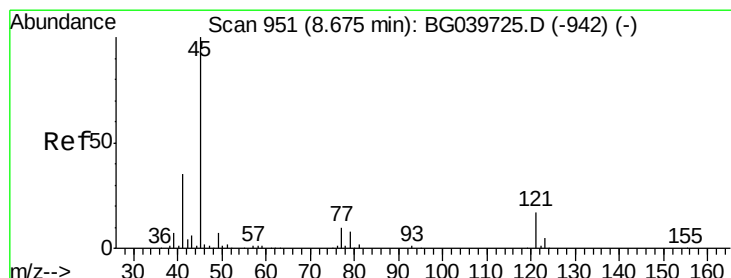
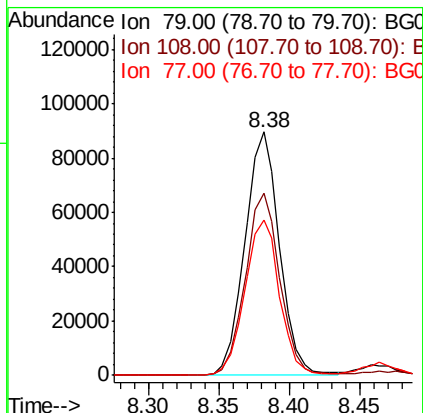
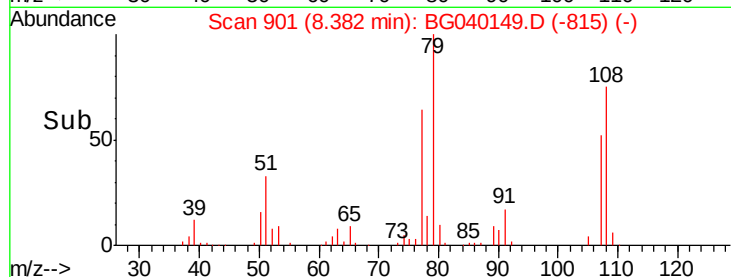
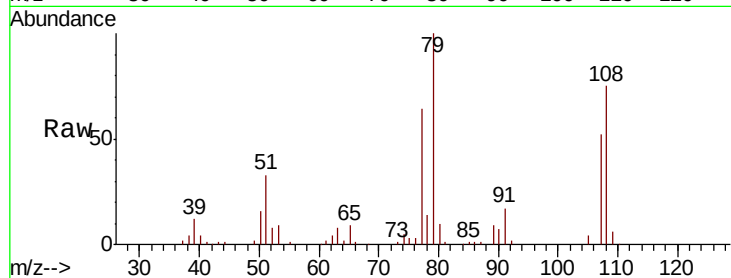
Tgt Ion: 79 Resp: 153635

Ion Ratio Lower Upper

79 100

108 74.9 57.8 86.6

77 63.7 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.169 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

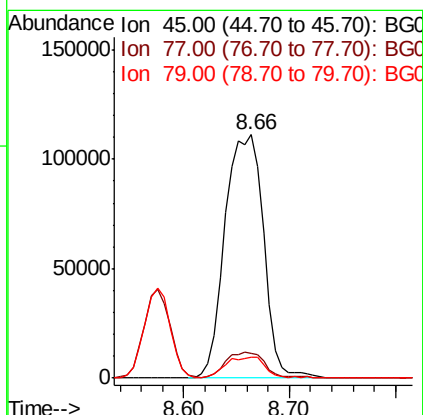
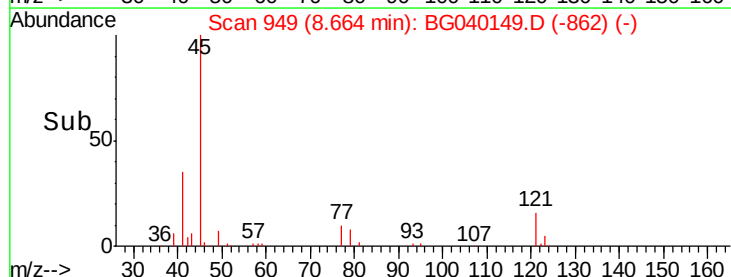
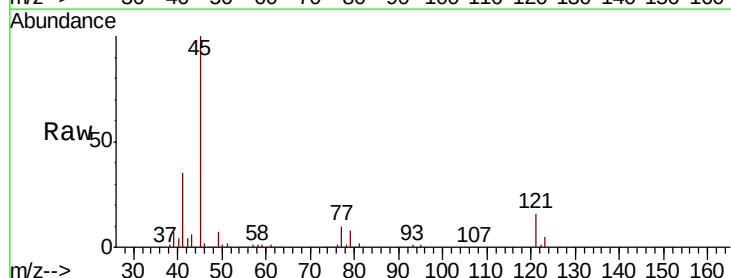
Tgt Ion: 45 Resp: 280994

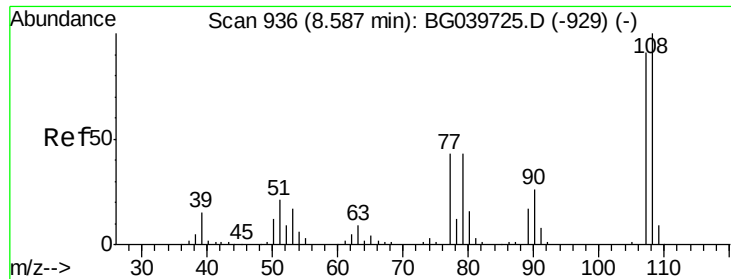
Ion Ratio Lower Upper

45 100

77 10.4 0.0 30.0

79 8.4 0.0 27.5

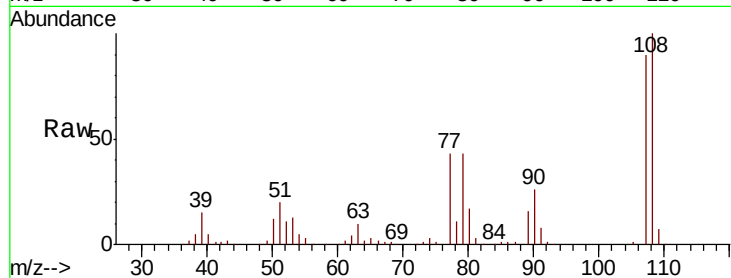




#17
2-Methylphenol
Concen: 42.306 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB118289BS

Tgt Ion:	107	Resp:	142263
Ion	Ratio	Lower	Upper
107	100		
108	110.9	90.8	136.2
77	47.7	40.7	61.1
79	48.2	40.6	60.8



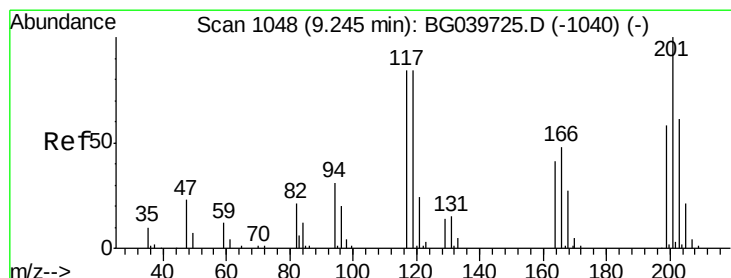
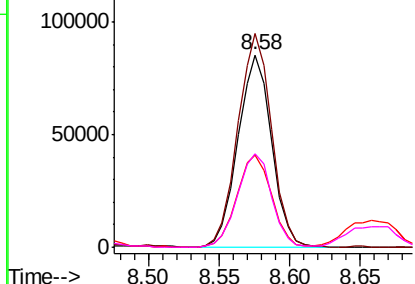
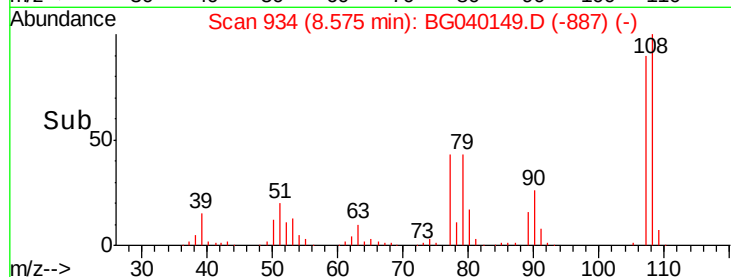
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

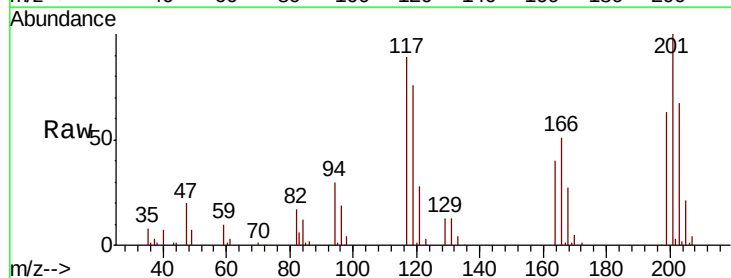
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.103 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Tgt Ion:	117	Resp:	62384
Ion	Ratio	Lower	Upper
117	100		
119	85.5	76.3	114.5
201	112.1	91.1	136.7

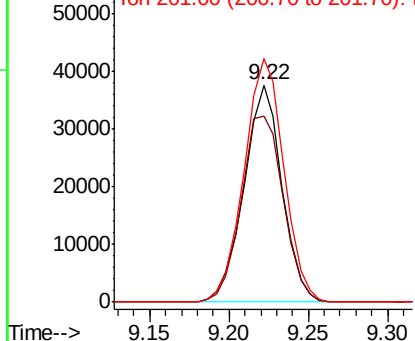
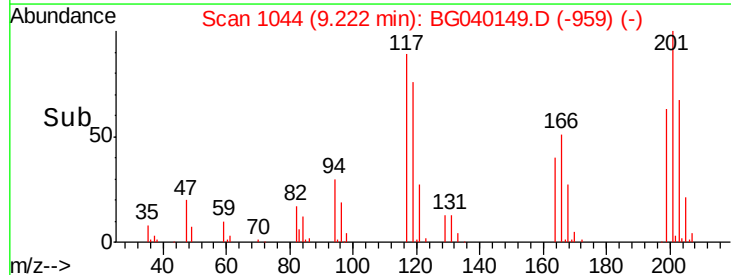


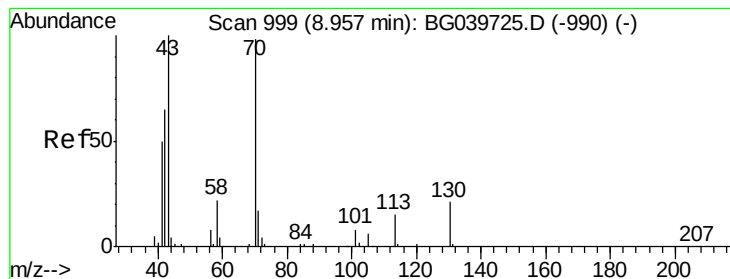
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.054 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

Tgt Ion: 70 Resp: 126330

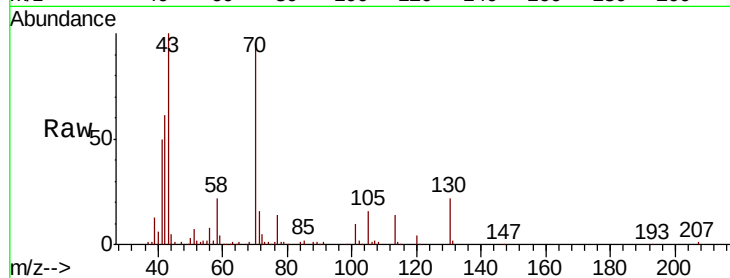
Ion Ratio Lower Upper

70 100

42 64.6 60.4 90.6

101 10.3 7.5 11.3

130 22.7 16.9 25.3

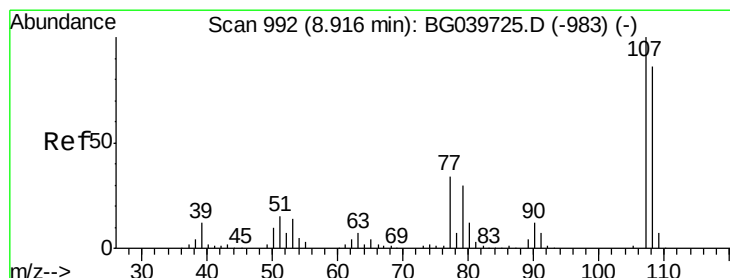
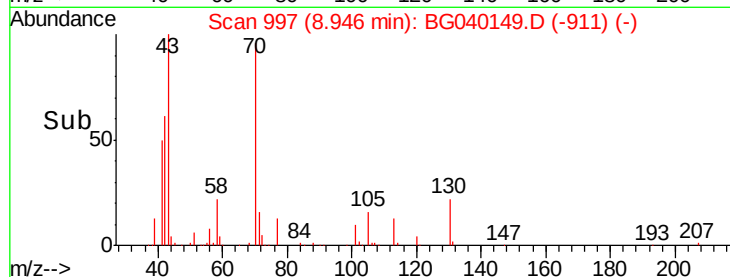
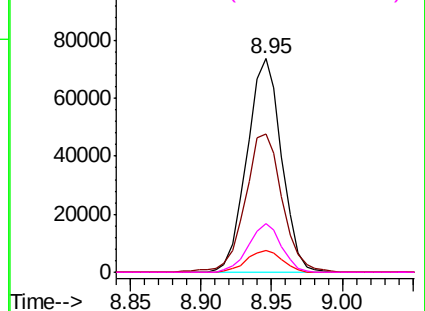


Abundance Ion 70.00 (69.70 to 70.70): BGC

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



#20

3+4-Methylphenols

Concen: 42.096 ng

RT: 8.90 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Tgt Ion: 107 Resp: 196657

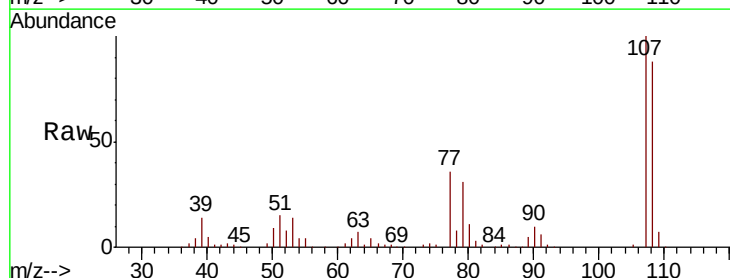
Ion Ratio Lower Upper

107 100

108 88.2 67.9 107.9

77 36.4 15.4 55.4

79 30.5 13.7 53.7

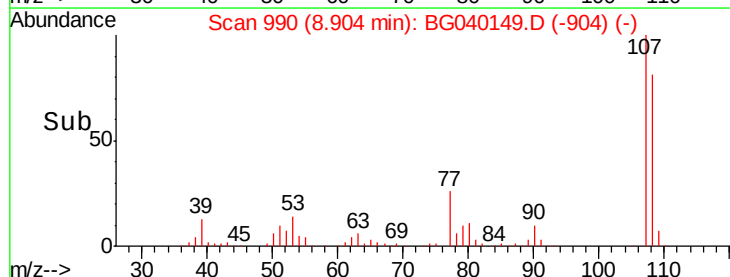
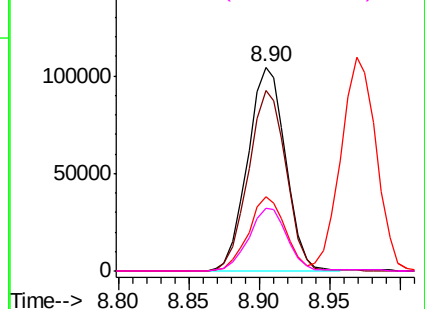


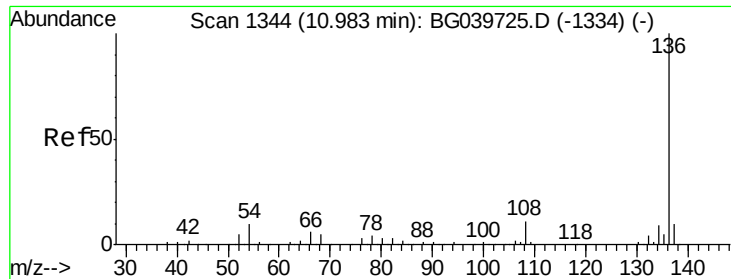
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

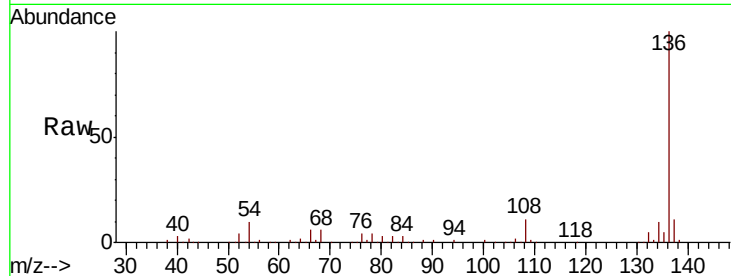




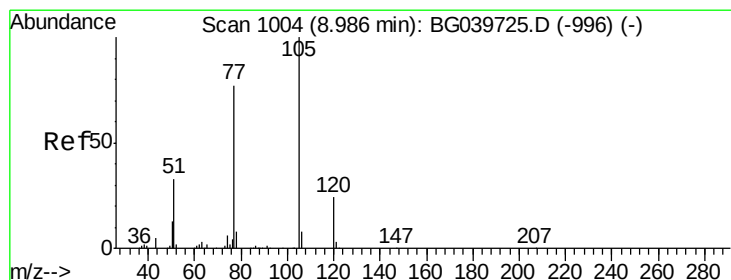
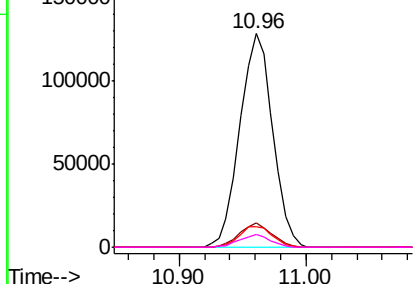
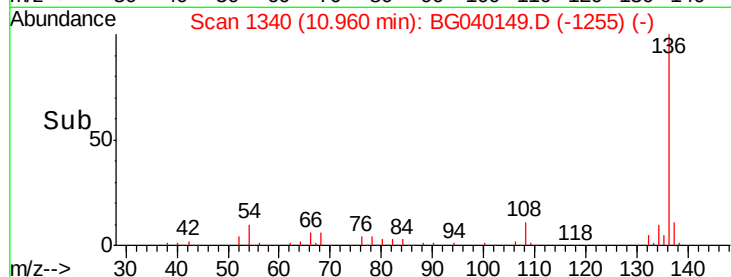
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB118289BS

Tgt Ion:	136	Resp:	230130
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.7	9.4	14.2
68	5.9	4.2	6.4

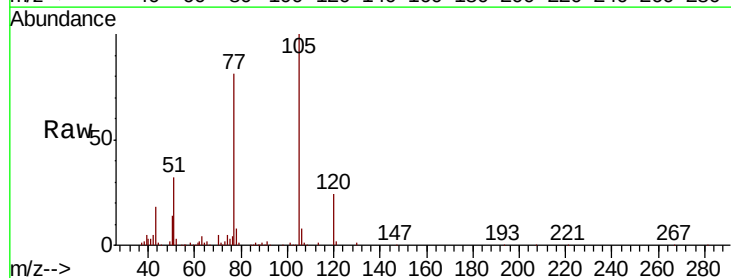


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

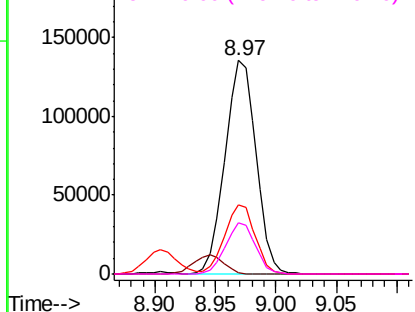
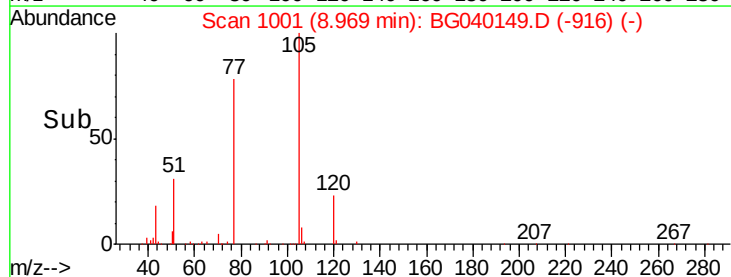


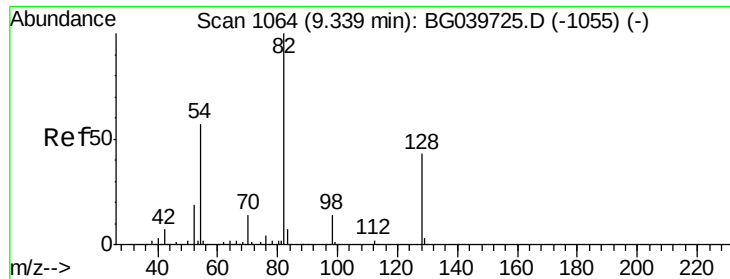
#22
Acetophenone
Concen: 39.172 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Tgt Ion:	105	Resp:	241951
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	32.1	30.2	45.2
120	23.7	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
200000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

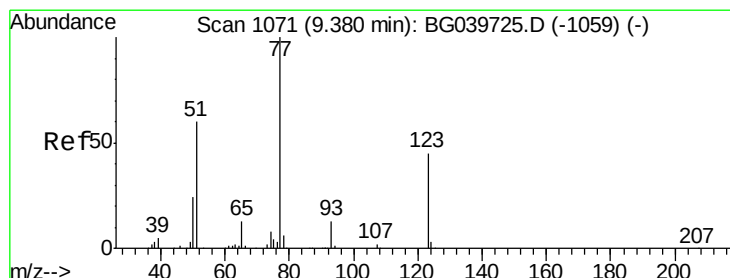
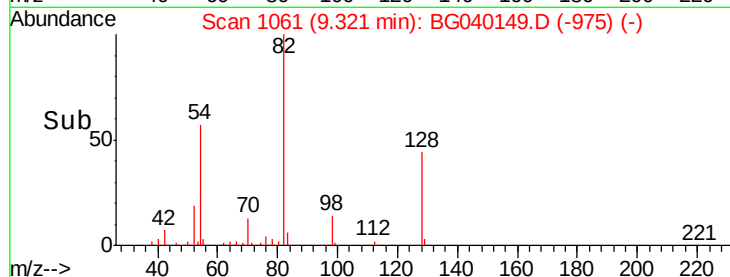
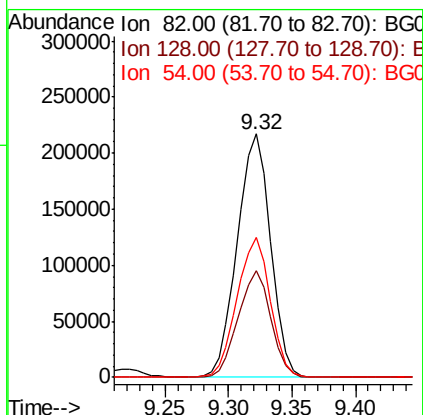
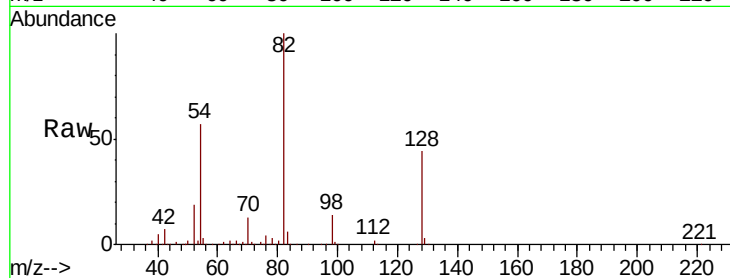




#23
 Nitrobenzene-d5
 Concen: 93.155 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

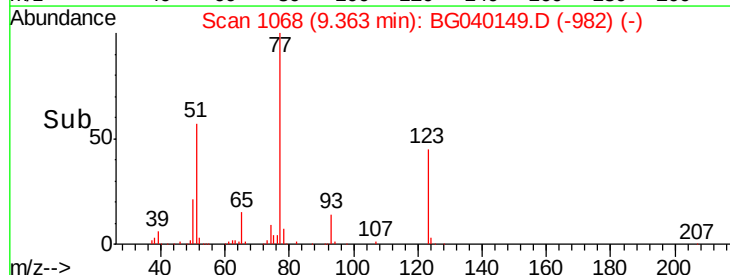
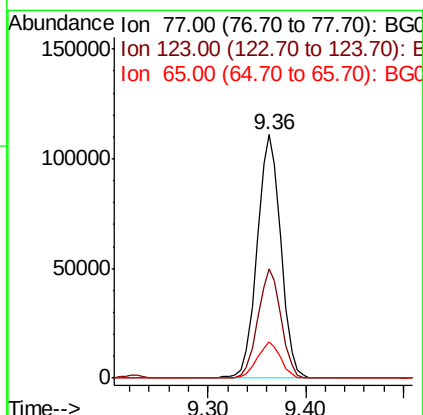
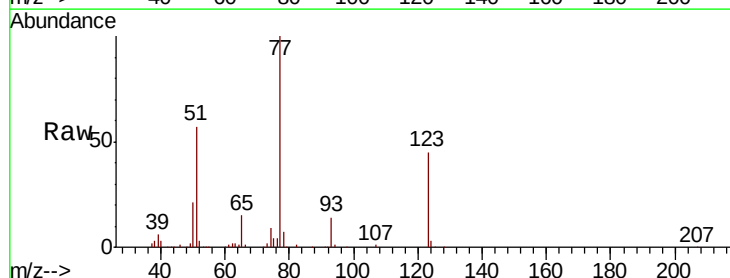
Instrument :
 BNA_G
 ClientSampleId :
 PB118289BS

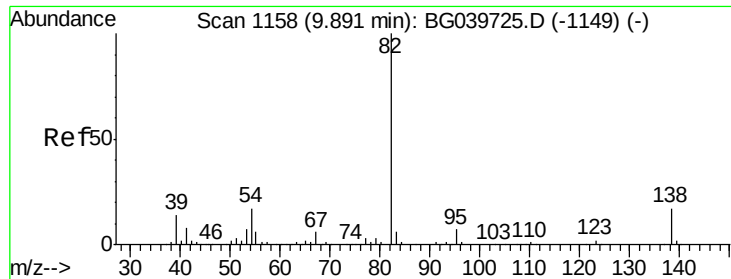
Tgt Ion: 82 Resp: 396378
 Ion Ratio Lower Upper
 82 100
 128 43.7 31.3 46.9
 54 57.5 50.9 76.3



#24
 Nitrobenzene
 Concen: 42.435 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

Tgt Ion: 77 Resp: 189422
 Ion Ratio Lower Upper
 77 100
 123 44.9 34.1 51.1
 65 14.9 12.3 18.5

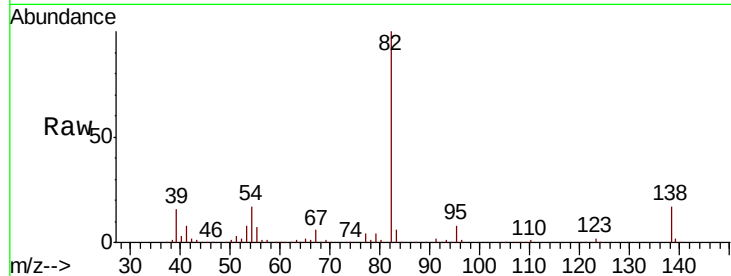




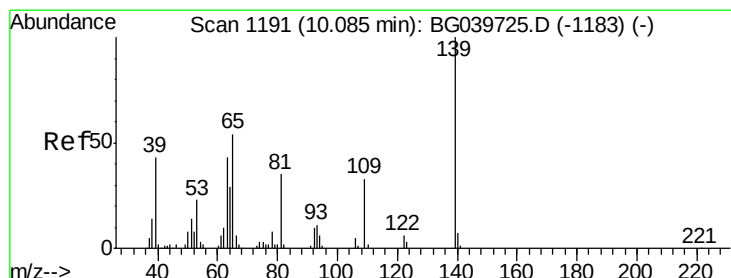
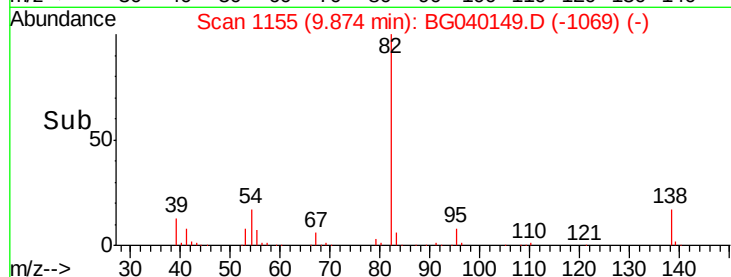
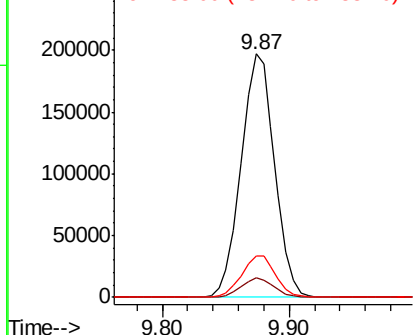
#25
Isophorone
Concen: 40.352 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB118289BS

Tgt Ion: 82 Resp: 359770
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 17.0 13.0 19.4

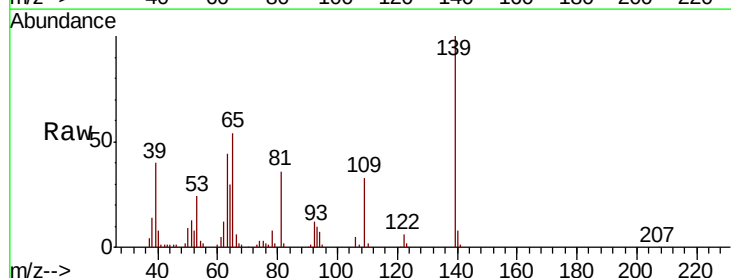


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

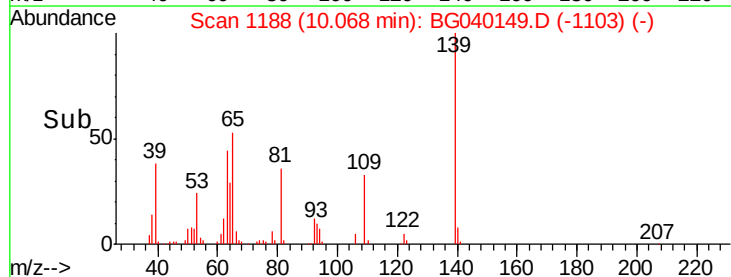
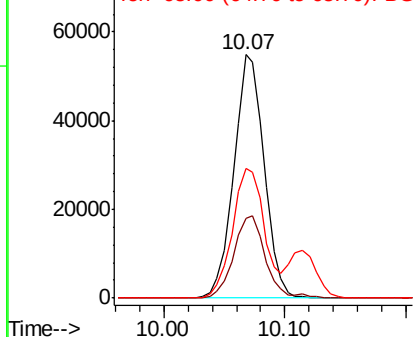


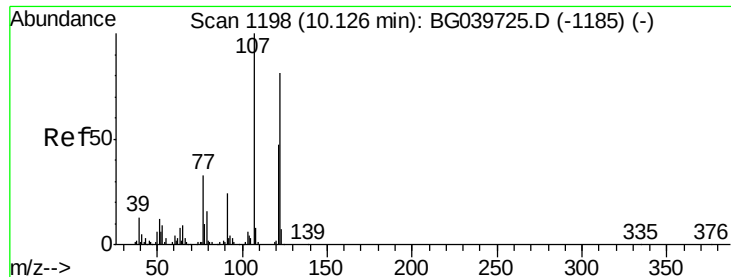
#26
2-Nitrophenol
Concen: 44.392 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Tgt Ion: 139 Resp: 95676
Ion Ratio Lower Upper
139 100
109 32.8 23.4 35.0
65 53.5 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

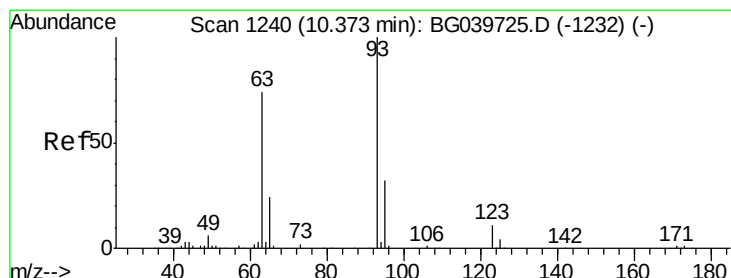
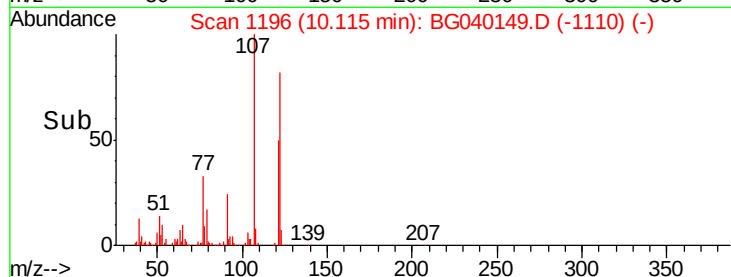
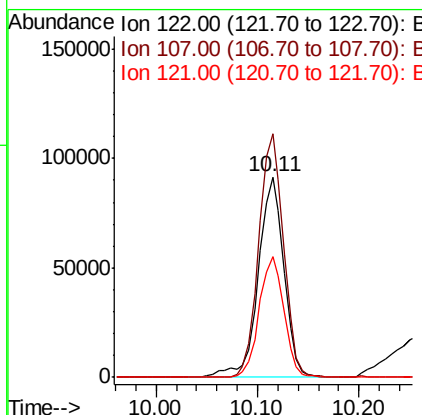
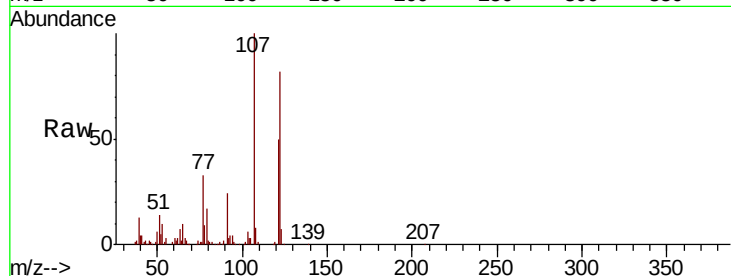




#27
2,4-Dimethylphenol
Concen: 47.815 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

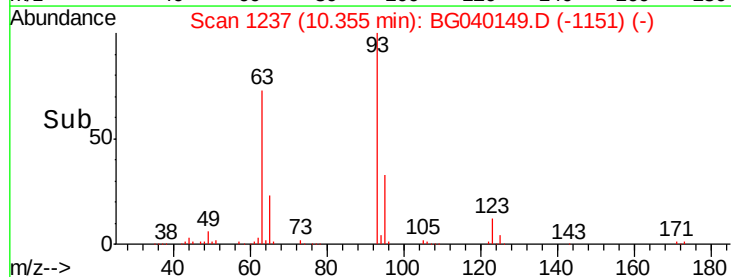
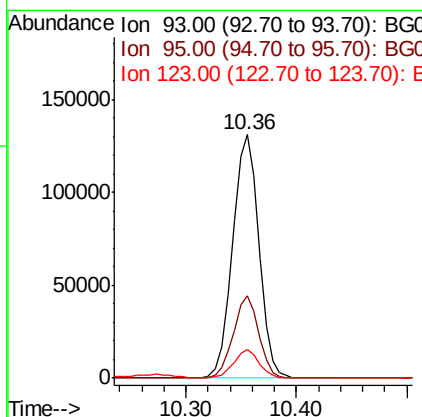
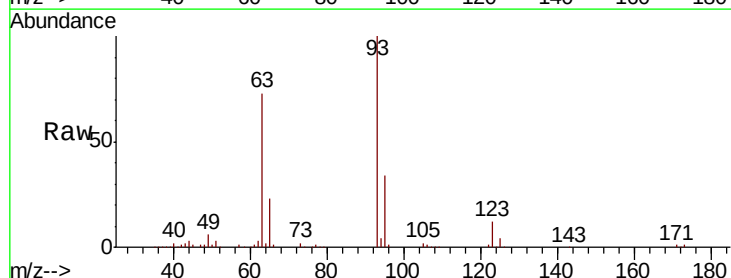
Instrument :
BNA_G
ClientSampleId :
PB118289BS

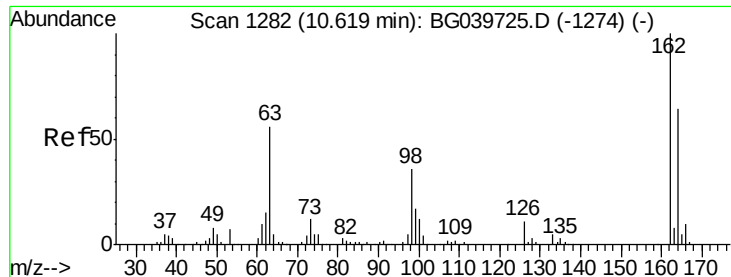
Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.3	91.7	137.5
121	60.5	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.317 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	25.0	37.4
123	11.9	8.6	12.8

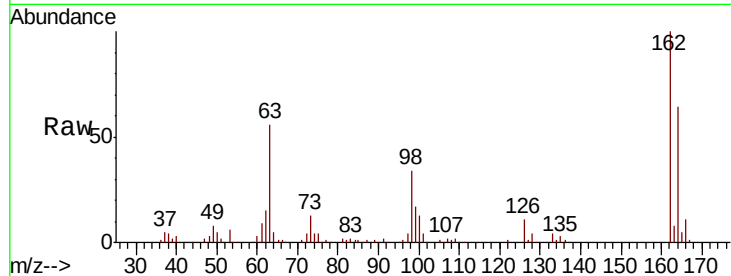




#29
2,4-Dichlorophenol
Concen: 47.961 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB118289BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	48.1	88.1
98	34.2	18.1	58.1

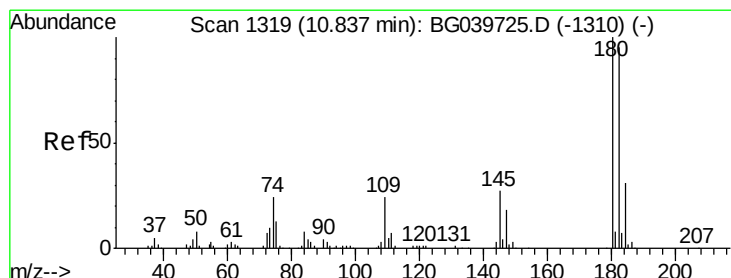
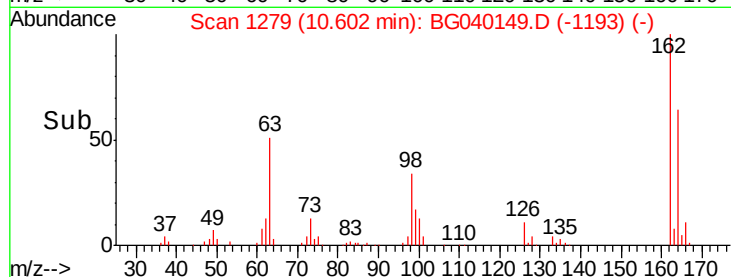
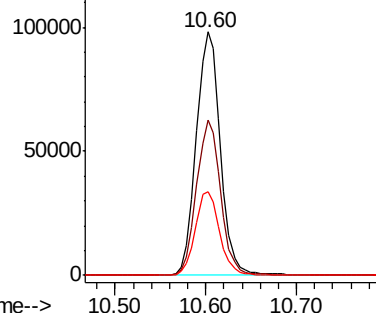


Abundance

Ion 162.00 (161.70 to 162.70): E

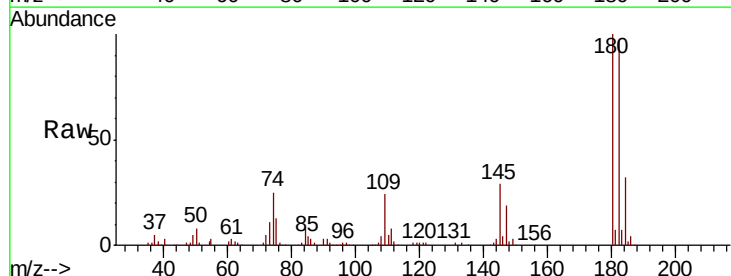
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 42.537 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.0	114.0
145	29.2	22.7	34.1

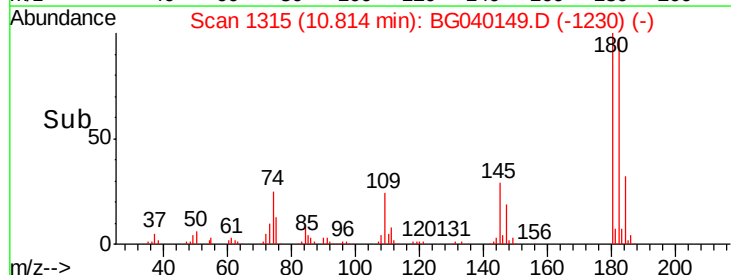
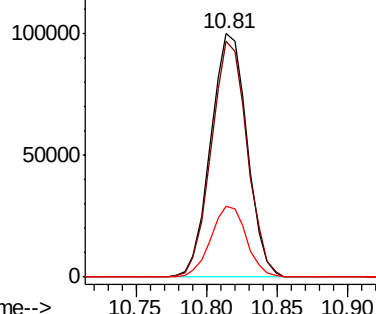


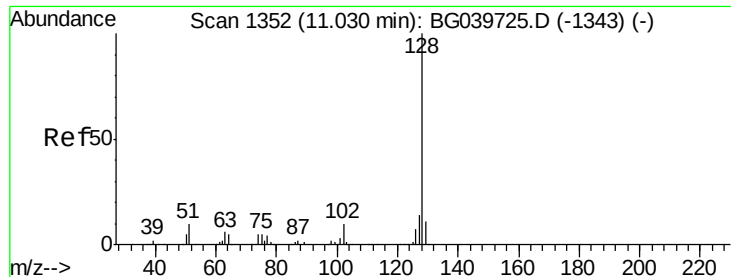
Abundance

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

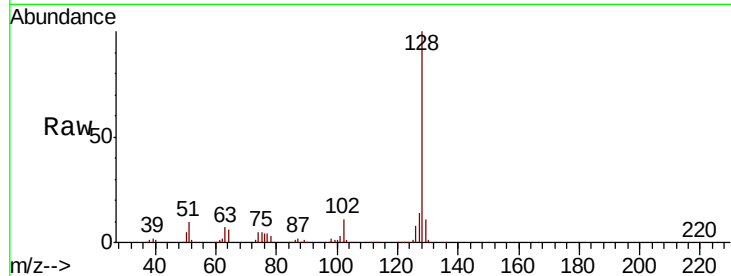




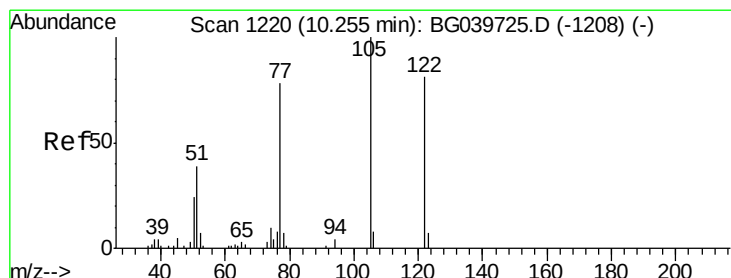
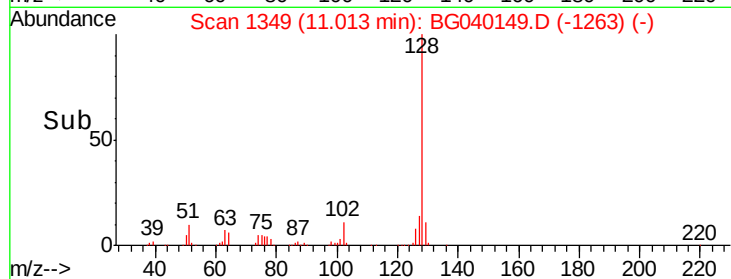
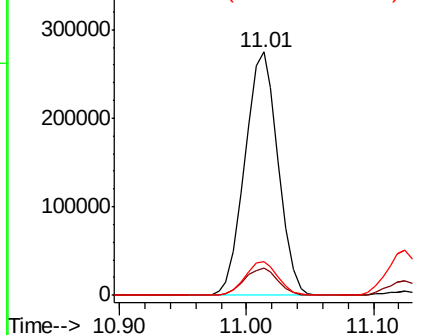
#31
Naphthalene
Concen: 40.940 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB118289BS

Tgt Ion:128 Resp: 498833
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 14.0 10.8 16.2

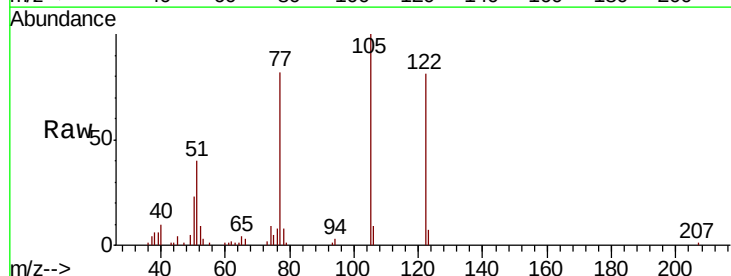


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

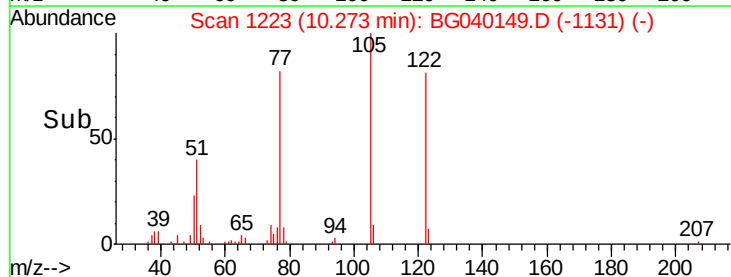
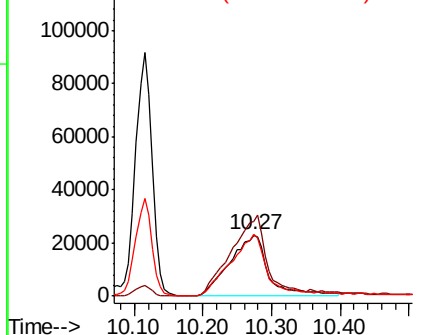


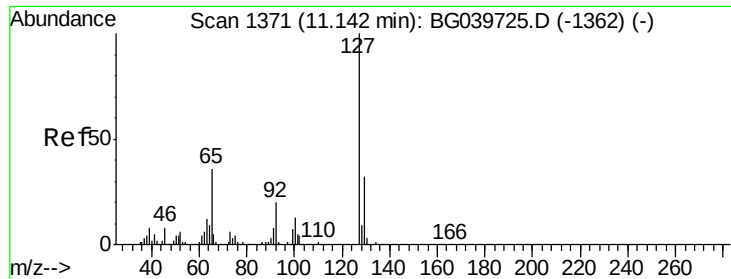
#32
Benzoic acid
Concen: 39.603 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Tgt Ion:122 Resp: 88067
Ion Ratio Lower Upper
122 100
105 123.6 101.8 141.8
77 101.7 76.3 116.3



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

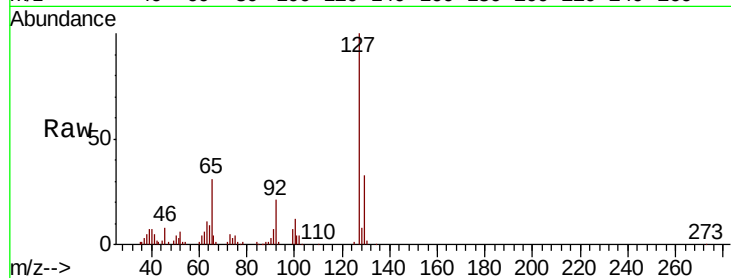




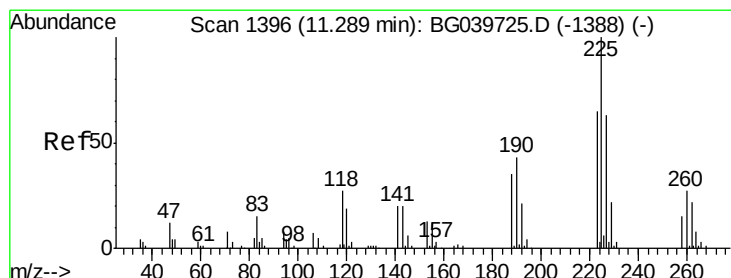
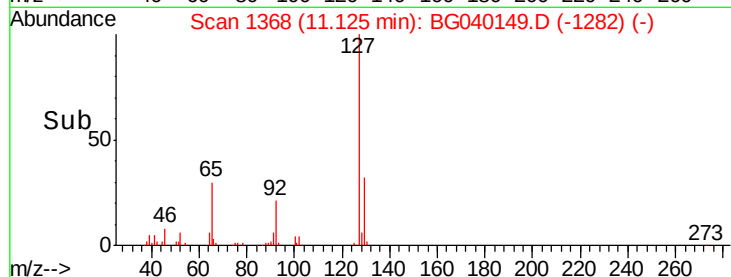
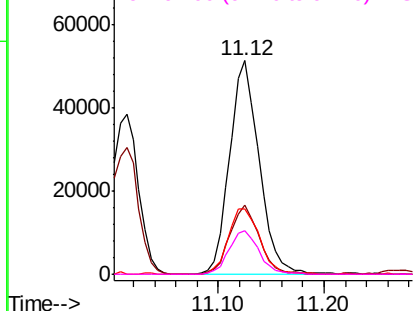
#33
4-Chloroaniline
Concen: 19.195 ng
RT: 11.12 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB118289BS

Tgt Ion:	127	Resp:	99175
Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.0	40.4
65	30.5	28.8	43.2
92	20.5	16.6	25.0

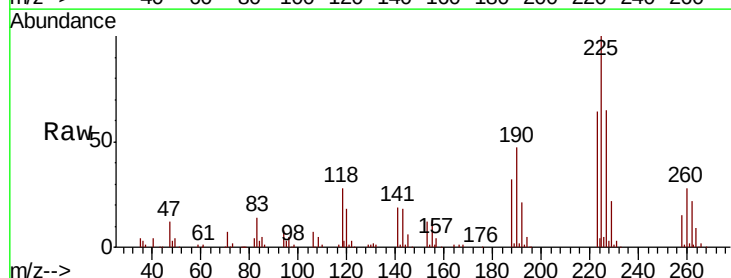


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

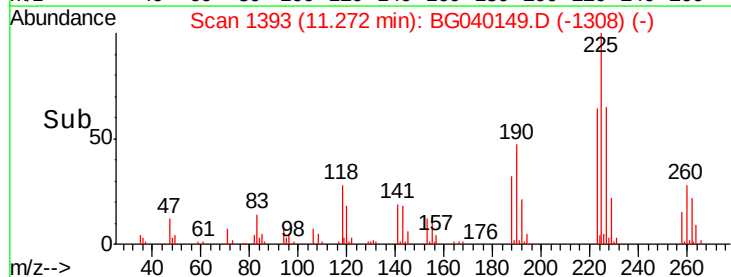
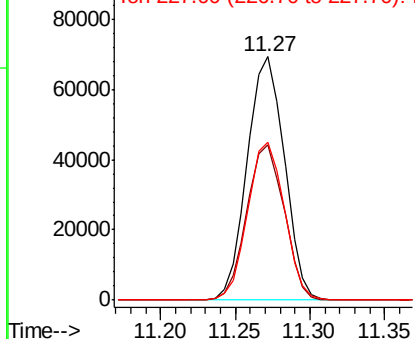


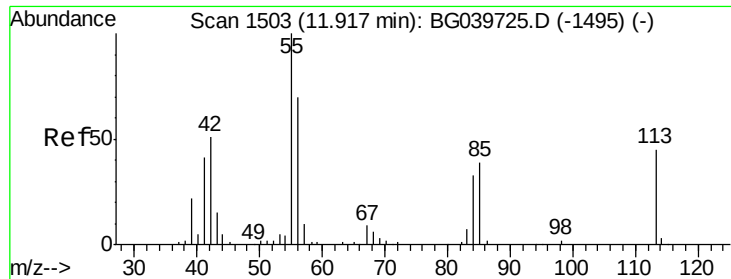
#34
Hexachlorobutadiene
Concen: 41.200 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Tgt Ion:	225	Resp:	119559
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.0	73.6
227	64.9	46.3	69.5



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

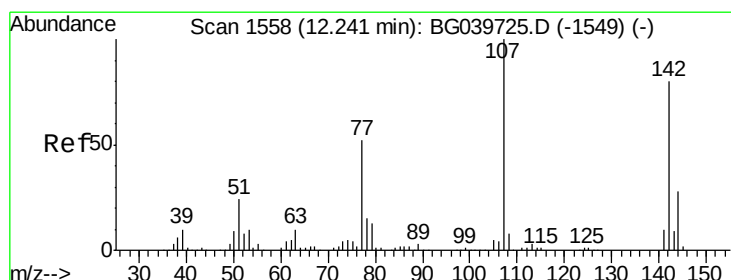
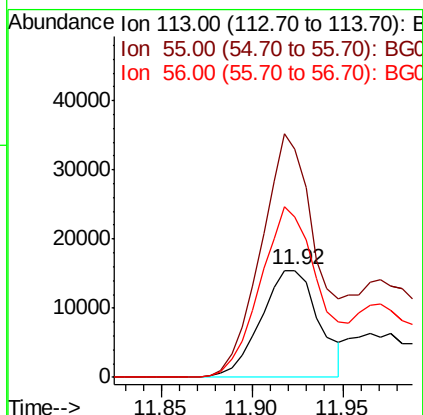
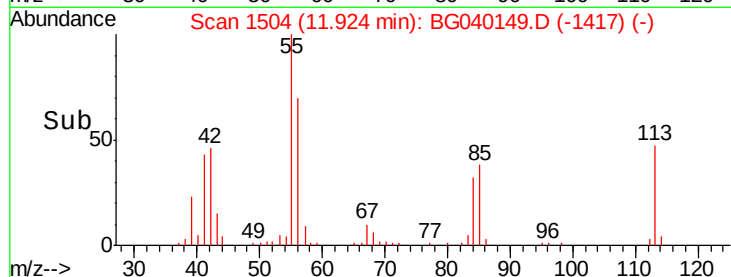
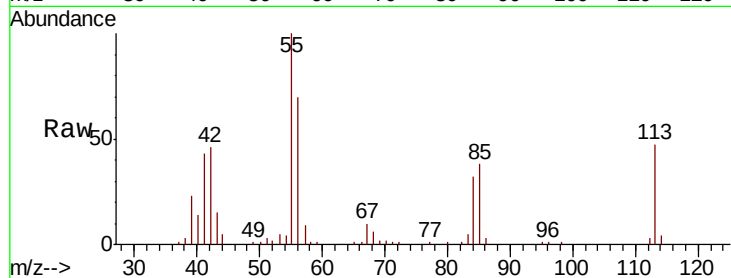




#35
 Caprolactam
 Concen: 23.902 ng
 RT: 11.92 min Scan# 1504
 Delta R.T. -0.02 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

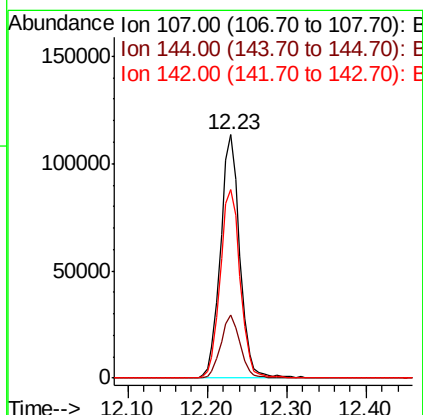
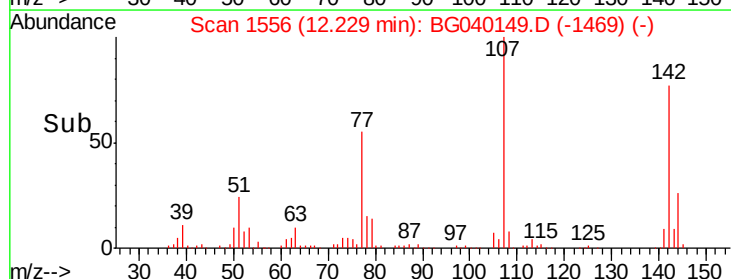
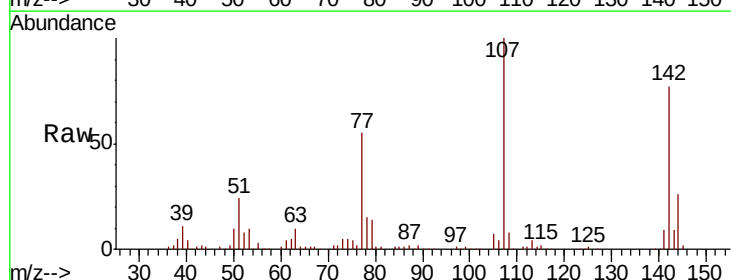
Instrument :
 BNA_G
 ClientSampleId :
 PB118289BS

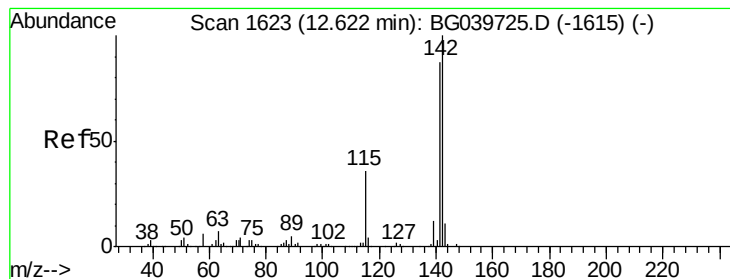
Tgt Ion:113 Resp: 34458
 Ion Ratio Lower Upper
 113 100
 55 213.0 216.9 256.9#
 56 149.3 152.6 192.6#



#36
 4-Chloro-3-methylphenol
 Concen: 44.275 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

Tgt Ion:107 Resp: 191542
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.2 30.2
 142 77.5 61.4 92.2





#37

2-Methylnaphthalene

Concen: 41.981 ng

RT: 12.61 min Scan# 1620

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

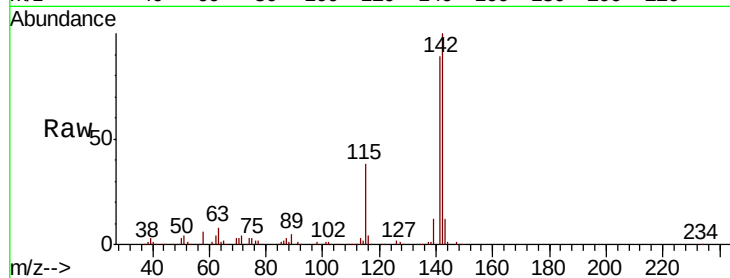
Tgt Ion:142 Resp: 382419

Ion Ratio Lower Upper

142 100

141 89.0 73.5 110.3

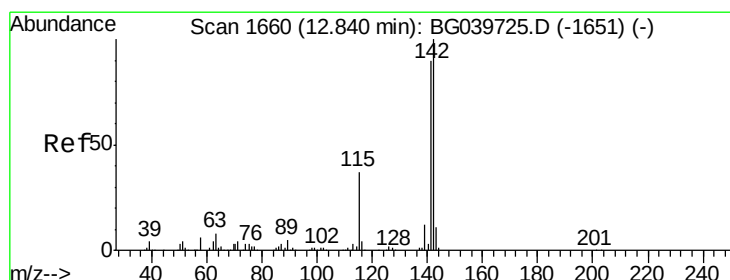
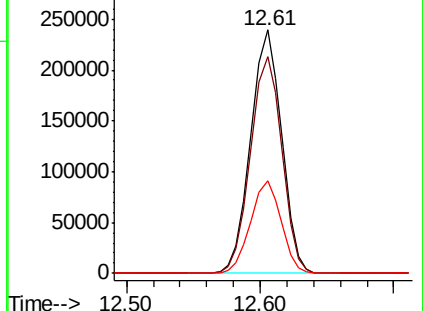
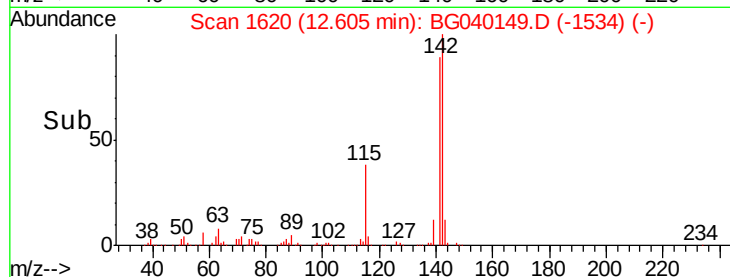
115 37.8 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.247 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

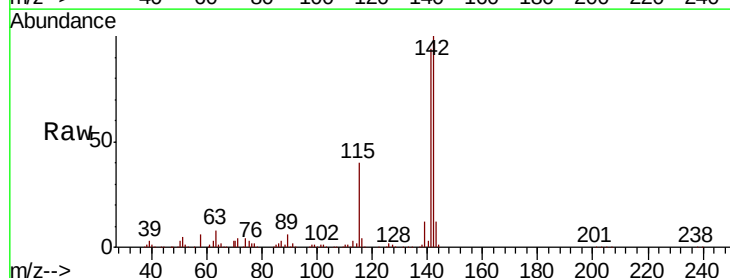
Tgt Ion:142 Resp: 365145

Ion Ratio Lower Upper

142 100

141 93.8 74.2 111.4

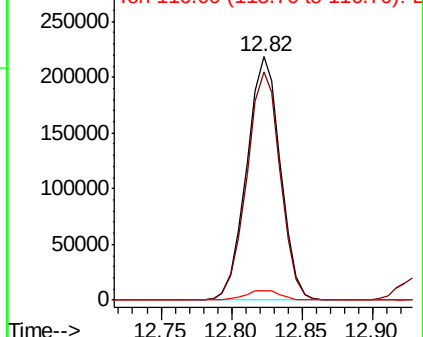
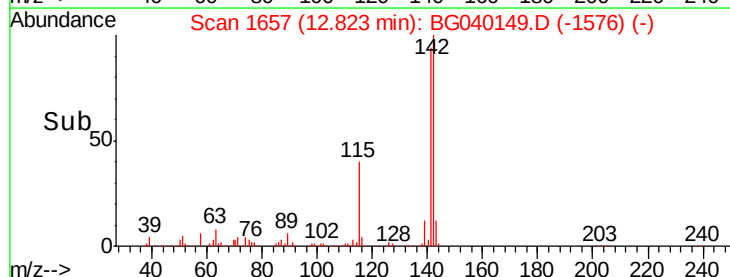
116 4.1 3.0 4.6

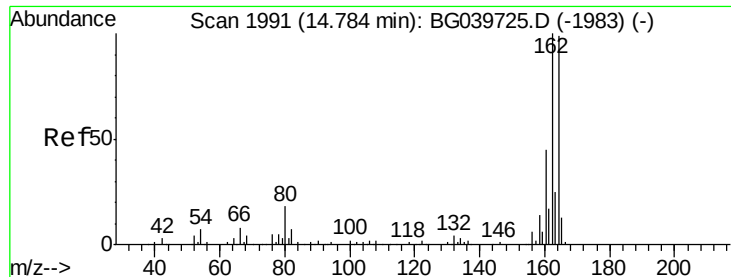


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

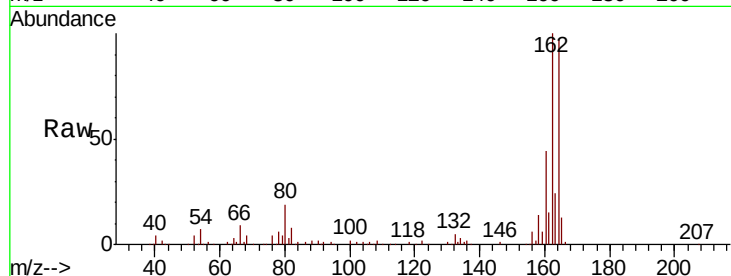
Tgt Ion:164 Resp: 154396

Ion Ratio Lower Upper

164 100

162 103.4 81.6 122.4

160 45.5 34.2 51.2

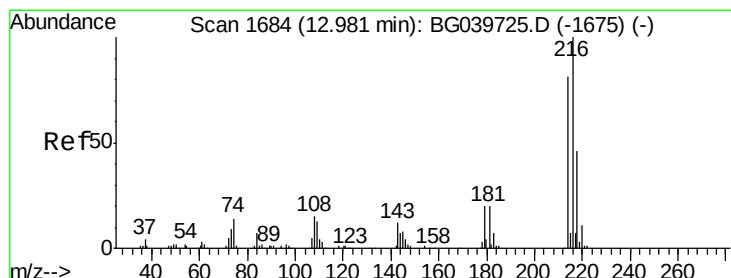
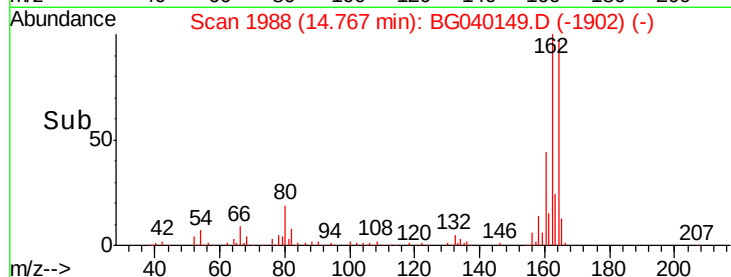
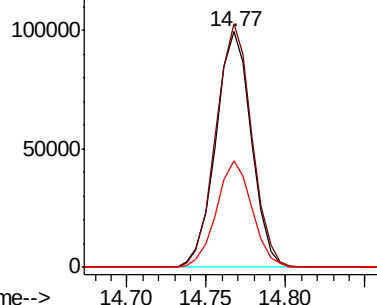


Abundance

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: 42.177 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Tgt Ion:216 Resp: 220610

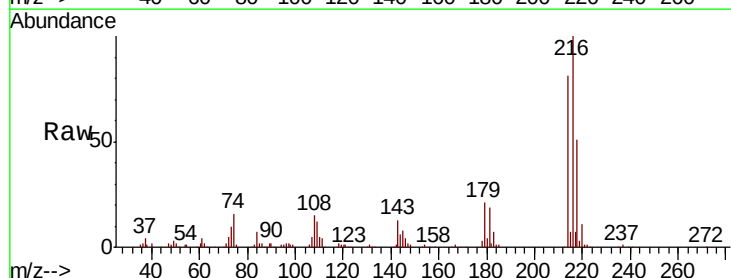
Ion Ratio Lower Upper

216 100

214 78.7 62.6 94.0

179 20.6 16.6 25.0

108 17.7 14.0 21.0



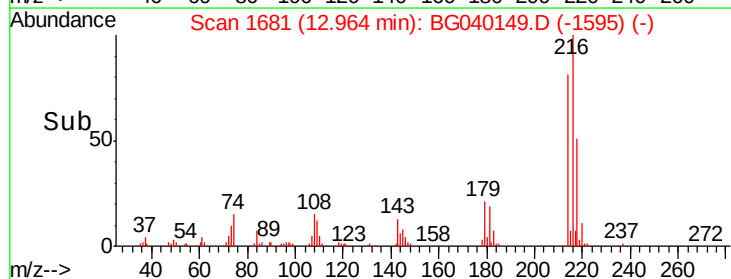
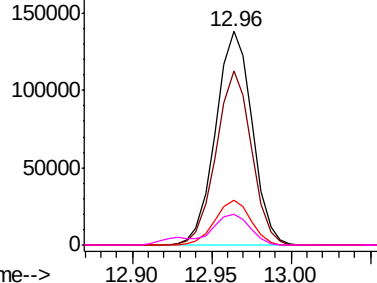
Abundance

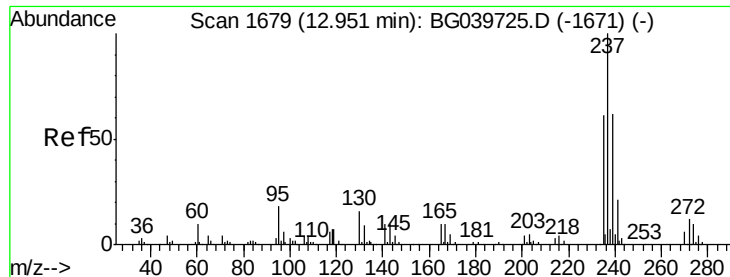
Ion 216.00 (215.70 to 216.70): E

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: 99.272 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

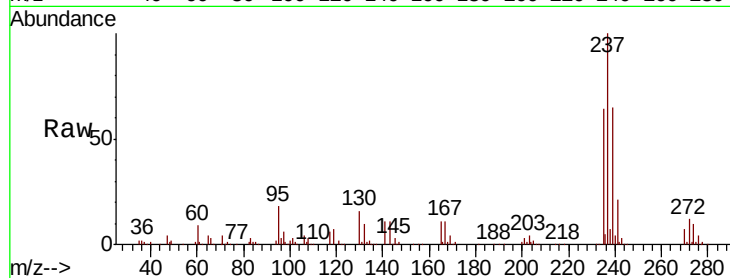
Tgt Ion:237 Resp: 278267

Ion Ratio Lower Upper

237 100

235 64.2 43.3 83.3

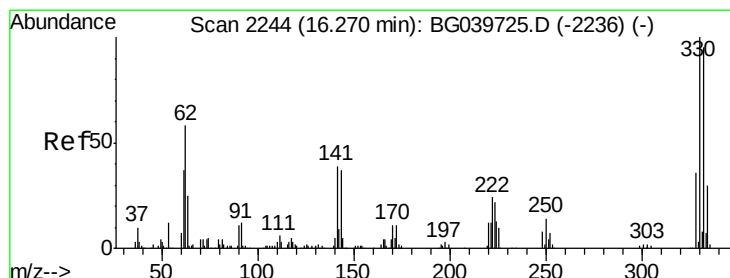
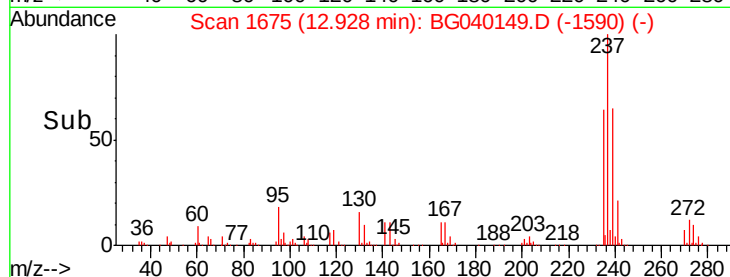
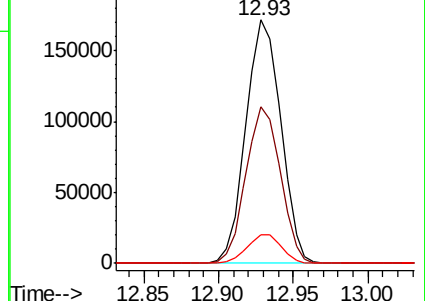
272 12.0 0.0 32.3



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: 152.347 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

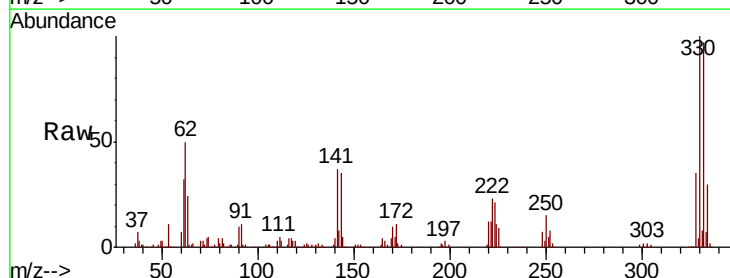
Tgt Ion:330 Resp: 274164

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

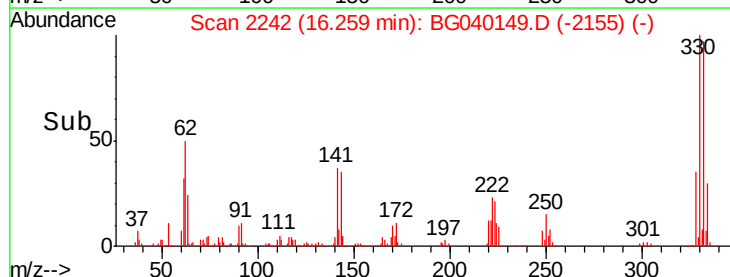
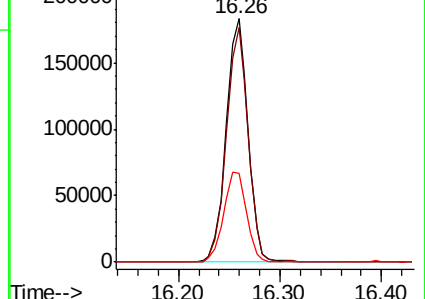
141 38.7 35.6 53.4

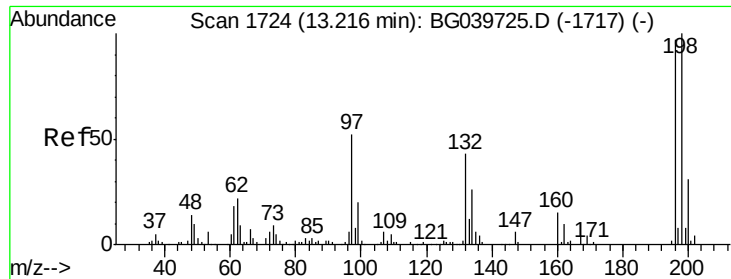


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

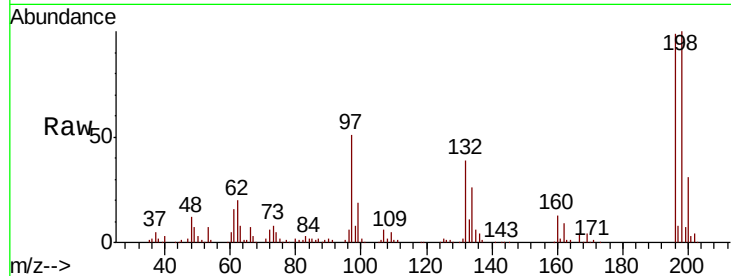




#43
 2,4,6-Trichlorophenol
 Concen: 49.585 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB118289BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.1	80.6	121.0
200	31.5	26.1	39.1

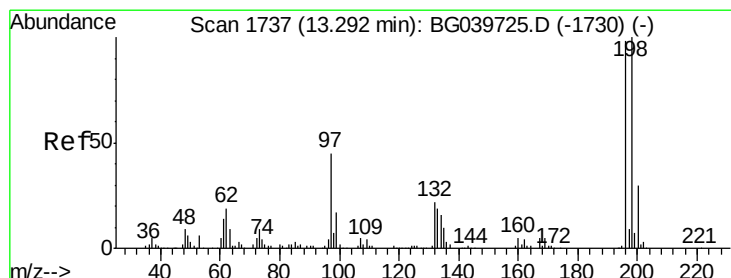
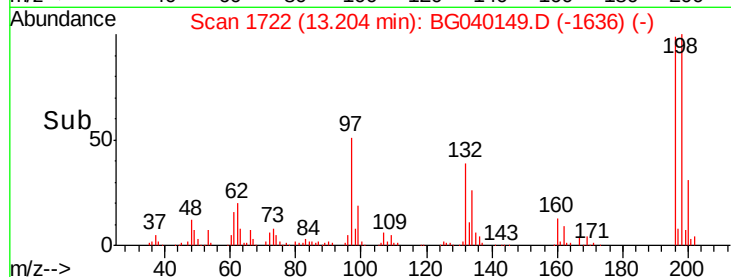
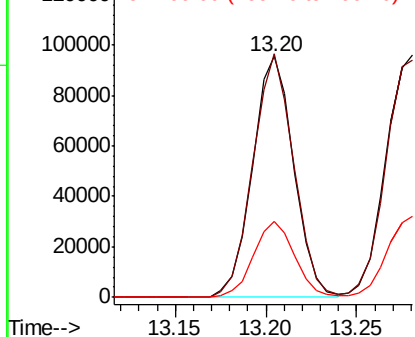


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 47.021 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	78.5	117.7
97	44.6	38.4	57.6
132	25.0	19.2	28.8

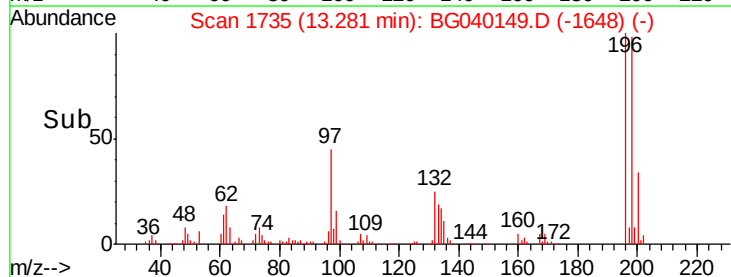
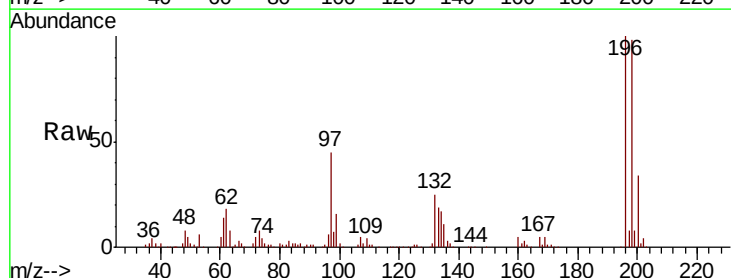
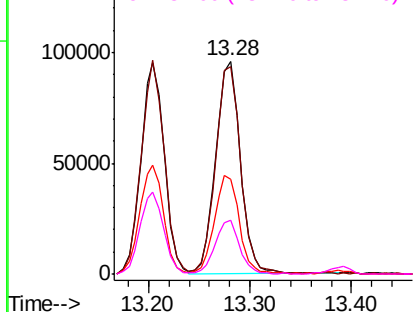
Abundance

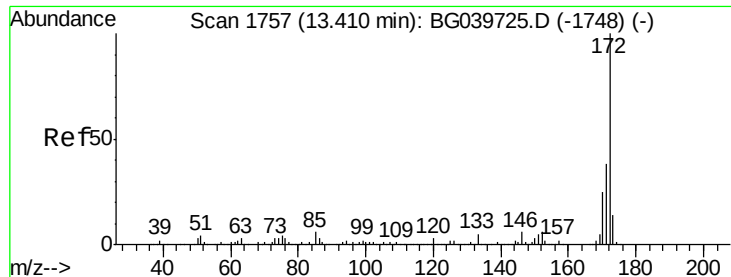
Ion 196.00 (195.70 to 196.70): E

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

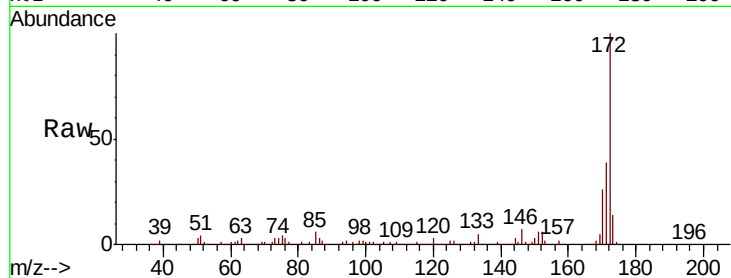




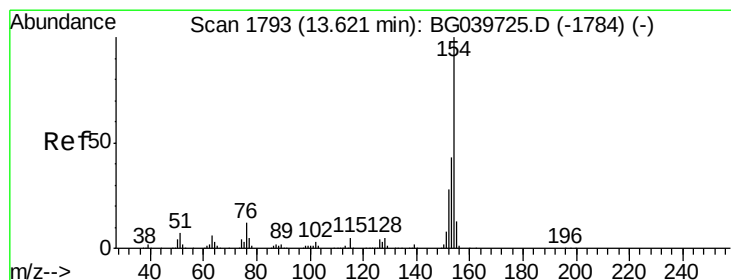
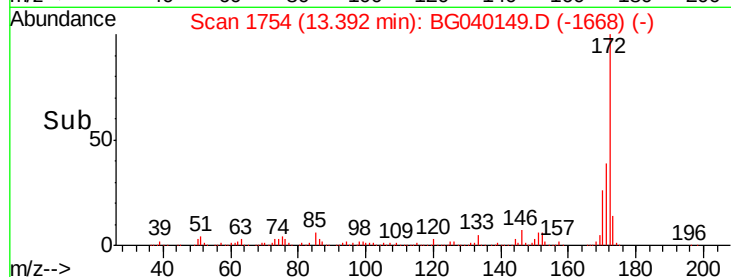
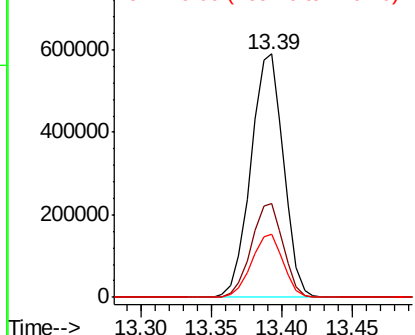
#45
2-Fluorobiphenyl
Concen: 88.188 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB118289BS

Tgt Ion:172 Resp: 956286
Ion Ratio Lower Upper
172 100
171 38.6 30.8 46.2
170 25.7 20.2 30.4

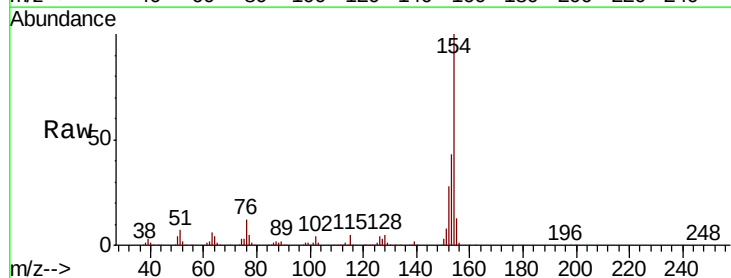


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

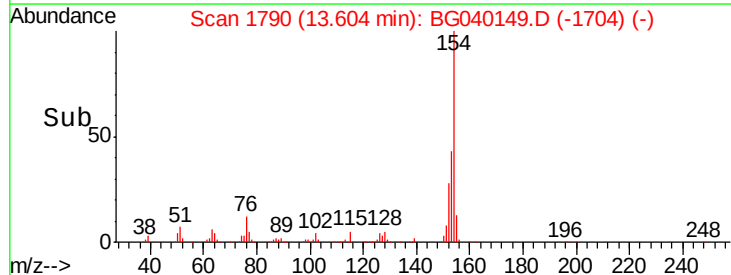
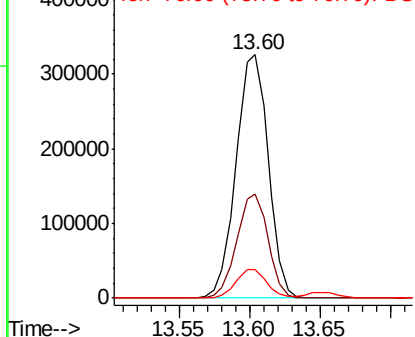


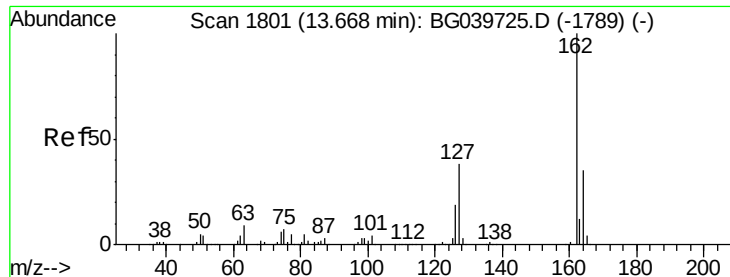
#46
1,1'-Biphenyl
Concen: 40.812 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Tgt Ion:154 Resp: 518260
Ion Ratio Lower Upper
154 100
153 43.0 22.1 62.1
76 11.8 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

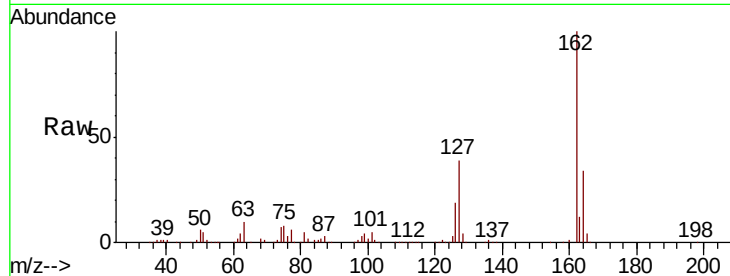




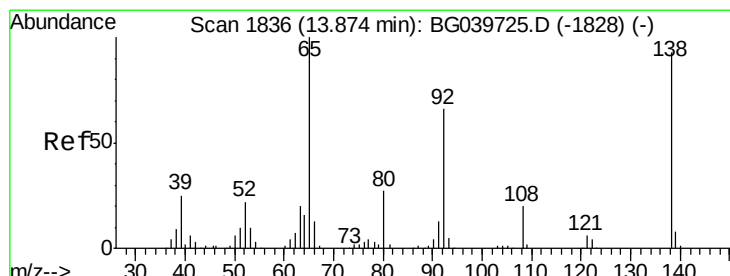
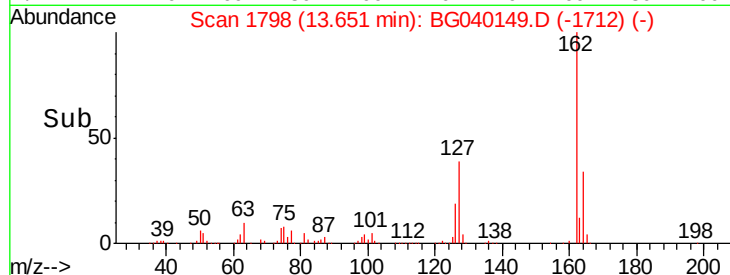
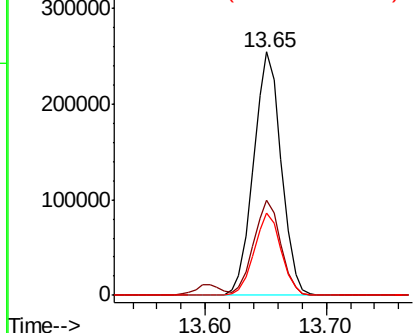
#47
2-Chloronaphthalene
Concen: 42.204 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB118289BS

Tgt Ion: 162 Resp: 403183
Ion Ratio Lower Upper
162 100
127 39.3 31.0 46.6
164 33.6 25.7 38.5

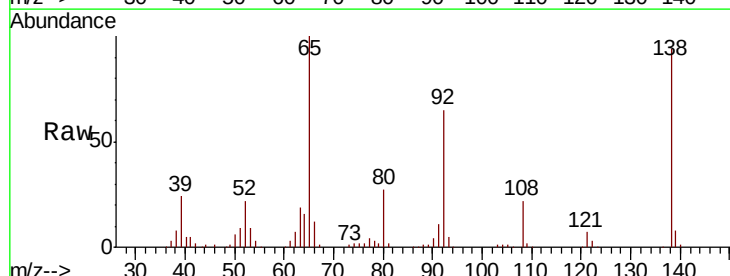


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

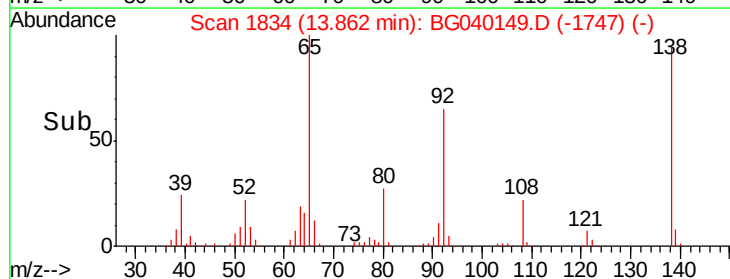
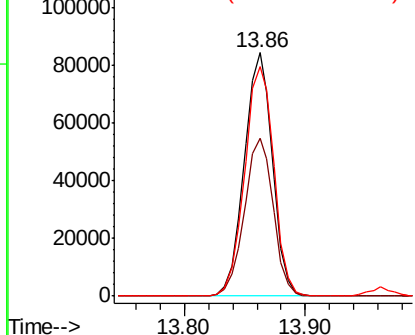


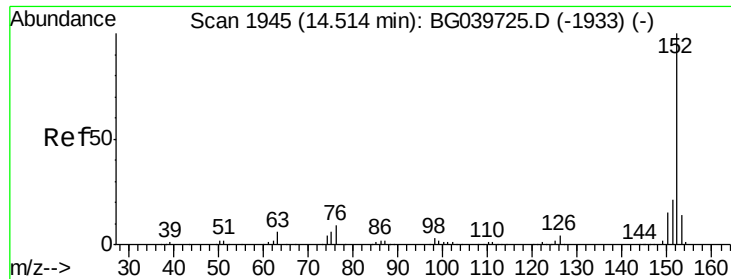
#48
2-Nitroaniline
Concen: 44.736 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Tgt Ion: 65 Resp: 137344
Ion Ratio Lower Upper
65 100
92 64.6 51.4 77.2
138 94.1 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: 41.188 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

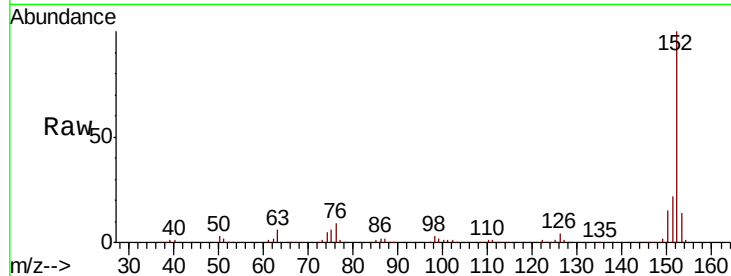
Tgt Ion:152 Resp: 645931

Ion Ratio Lower Upper

152 100

151 21.9 16.8 25.2

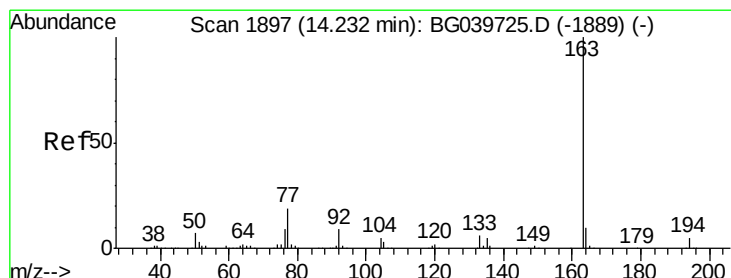
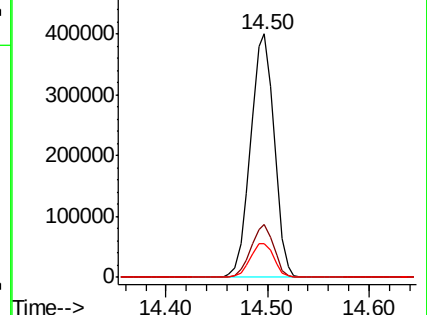
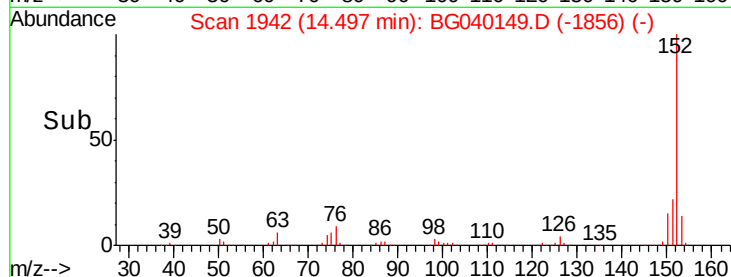
153 14.0 11.7 17.5



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: 42.042 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

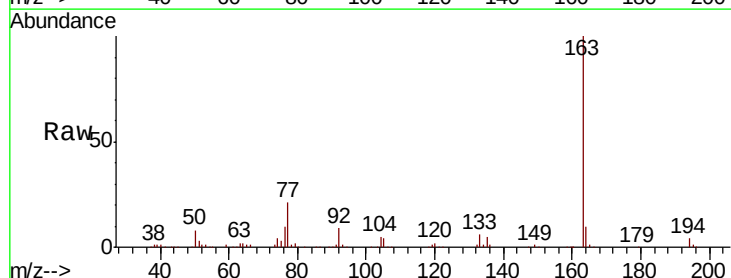
Tgt Ion:163 Resp: 542777

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

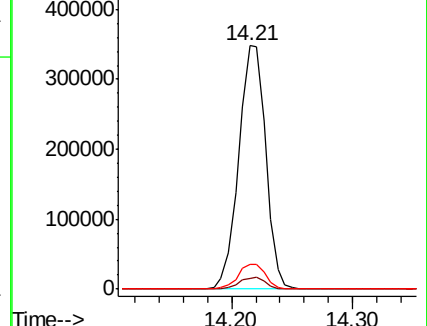
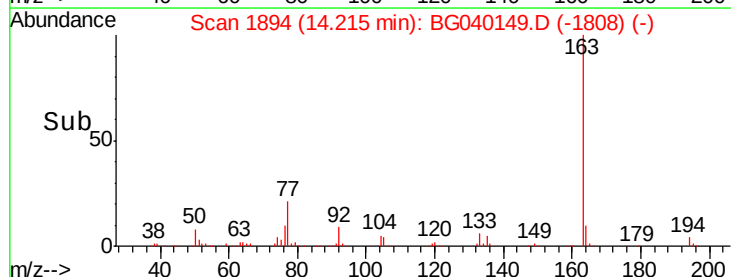
164 10.1 8.4 12.6

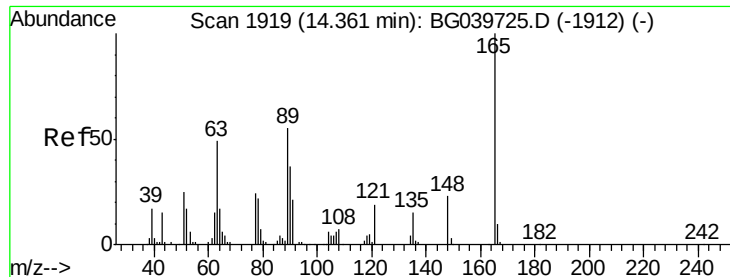


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

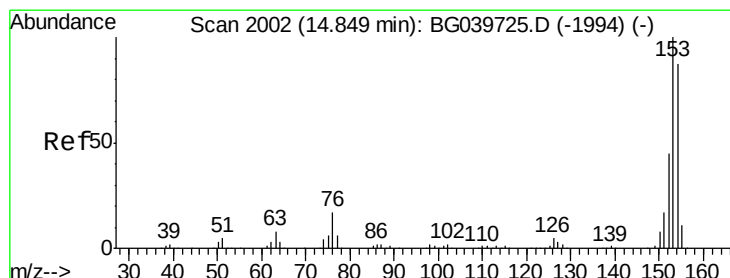
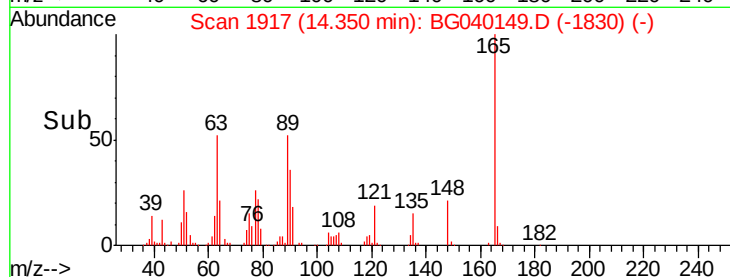
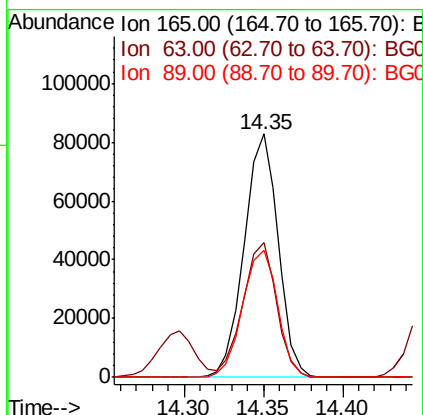
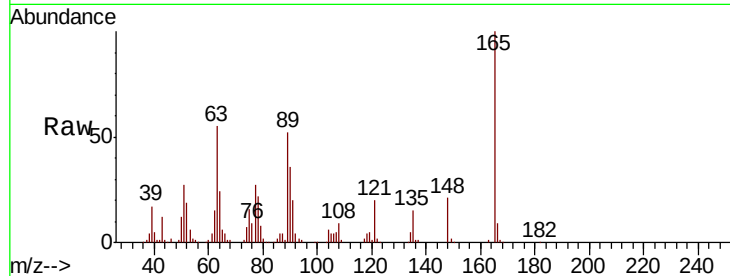




#51
2,6-Dinitrotoluene
Concen: 44.964 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

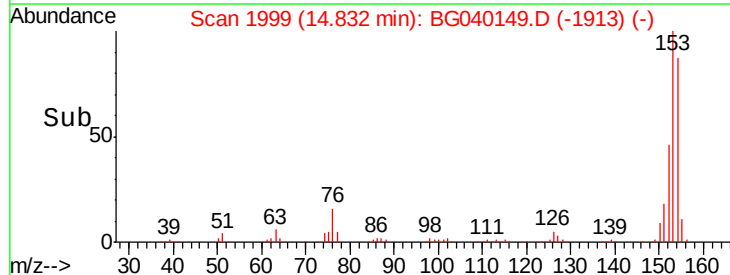
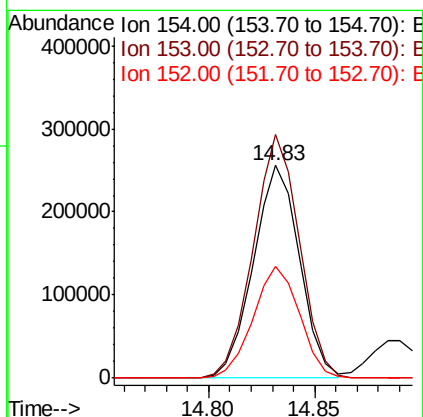
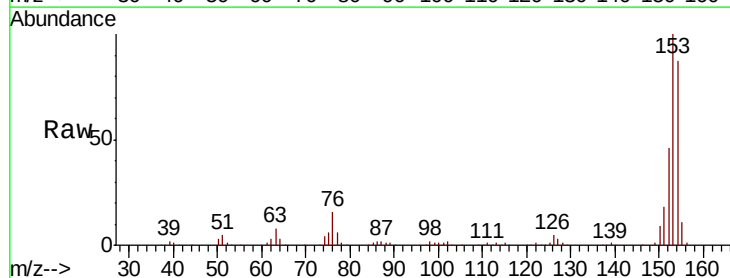
Instrument :
BNA_G
ClientSampled :
PB118289BS

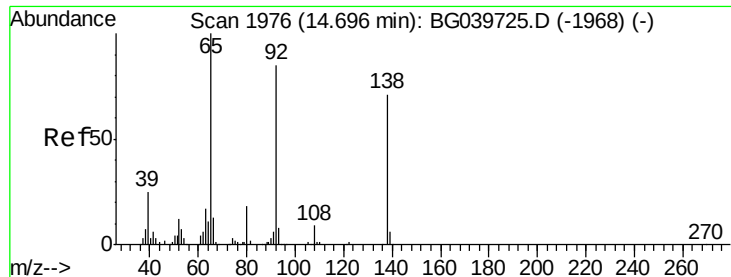
Tgt Ion:165 Resp: 123063
Ion Ratio Lower Upper
165 100
63 55.1 47.0 70.6
89 52.4 45.8 68.8



#52
Acenaphthene
Concen: 41.177 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Tgt Ion:154 Resp: 388672
Ion Ratio Lower Upper
154 100
153 114.7 90.1 135.1
152 52.6 40.9 61.3





#53

3-Nitroaniline

Concen: 26.754 ng

RT: 14.68 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

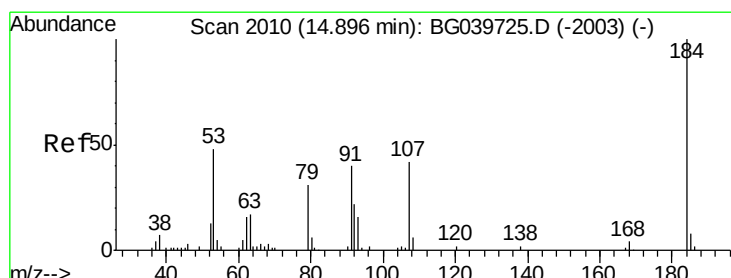
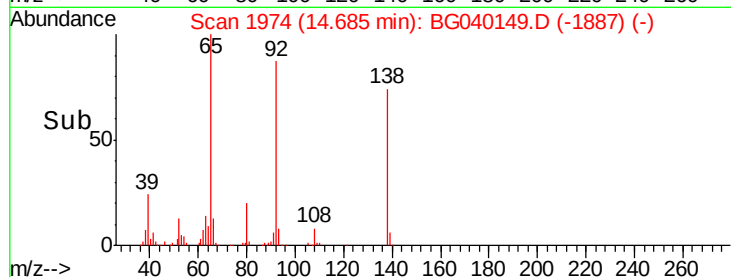
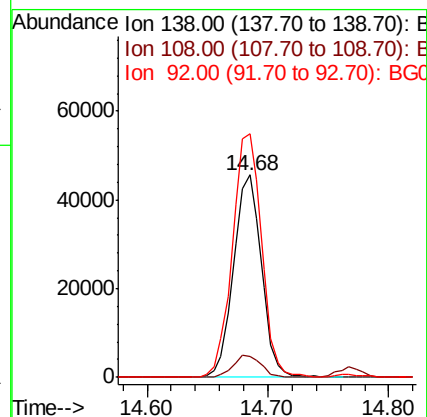
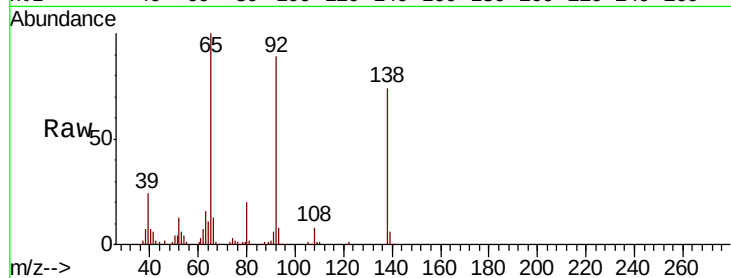
Tgt Ion:138 Resp: 73607

Ion Ratio Lower Upper

138 100

108 10.4 13.8 20.8#

92 120.4 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 67.565 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

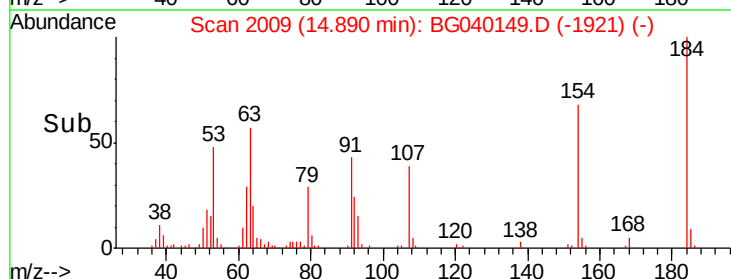
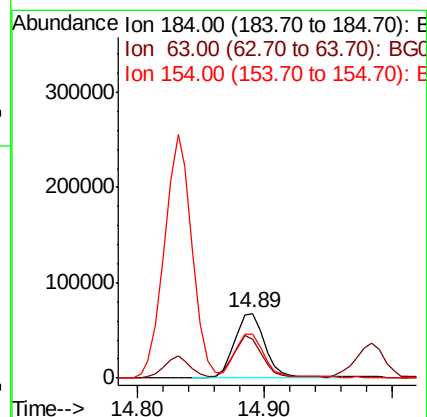
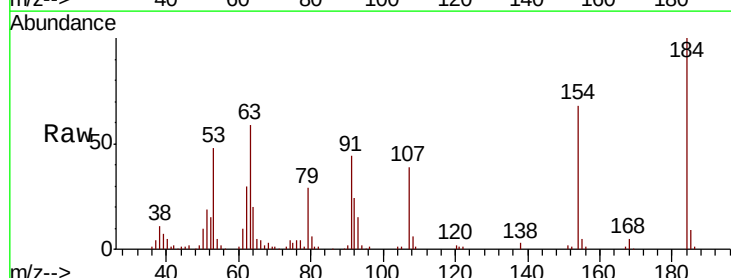
Tgt Ion:184 Resp: 115109

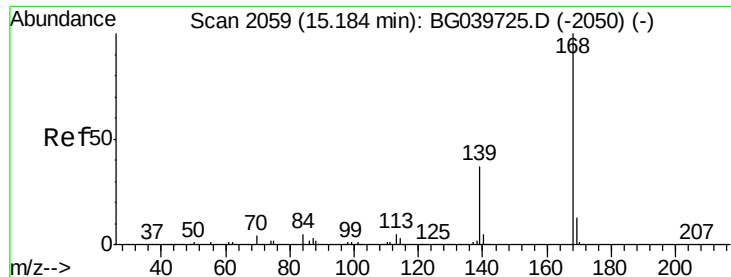
Ion Ratio Lower Upper

184 100

63 59.3 50.9 76.3

154 67.8 53.0 79.6





#55

Dibenzenofuran

Concen: 41.468 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

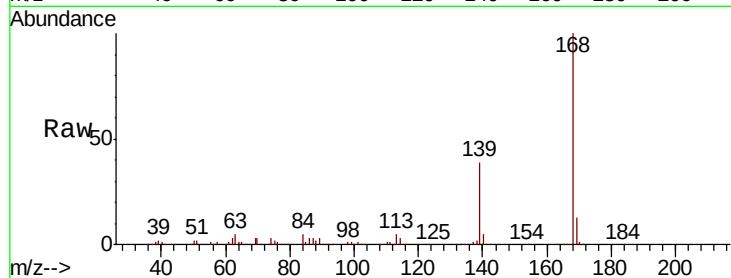
Tgt Ion:168 Resp: 642190

Ion Ratio Lower Upper

168 100

139 39.2 30.1 45.1

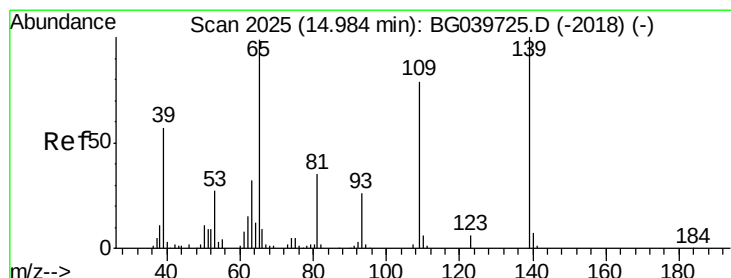
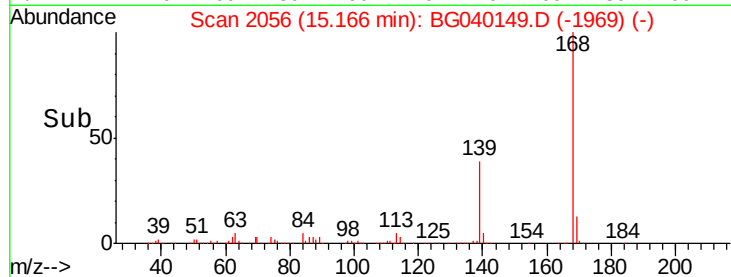
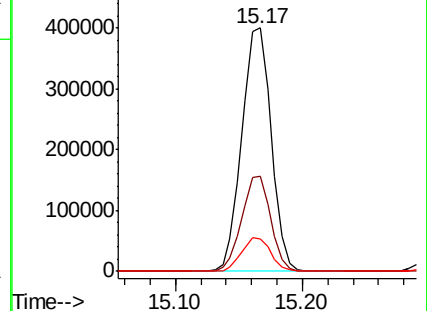
169 13.4 10.6 16.0



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: 77.346 ng

RT: 14.98 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

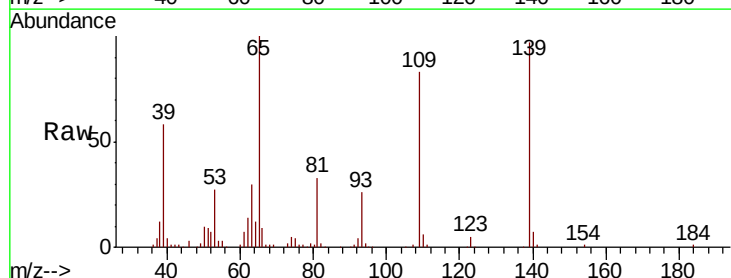
Tgt Ion:139 Resp: 190361

Ion Ratio Lower Upper

139 100

109 85.4 61.9 101.9

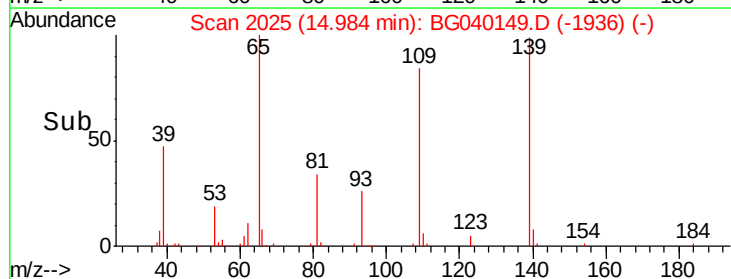
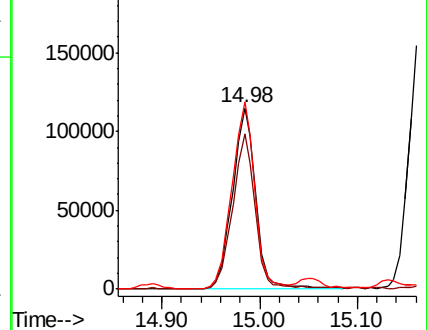
65 103.2 99.1 139.1

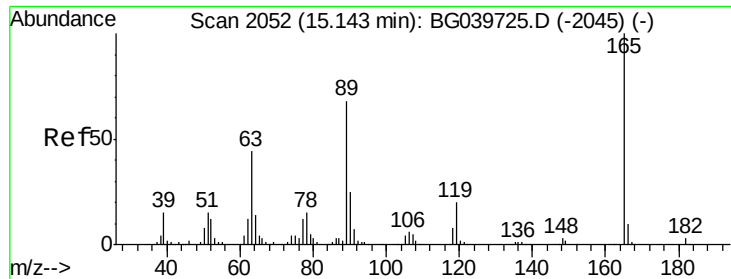


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

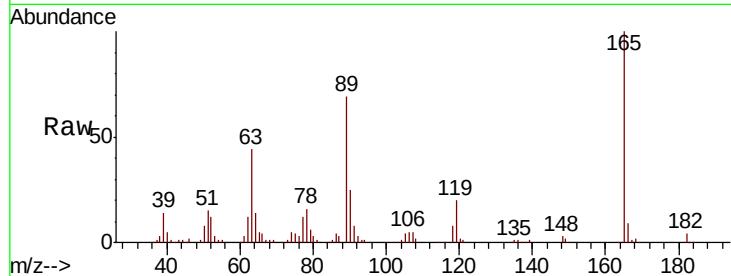




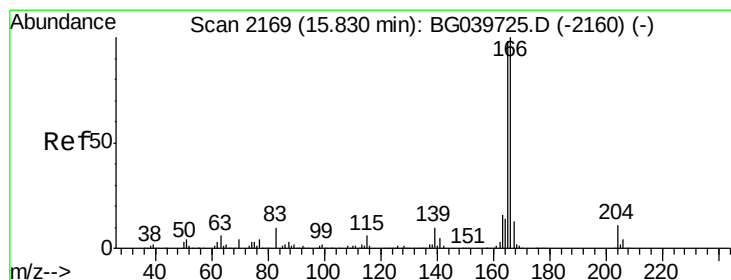
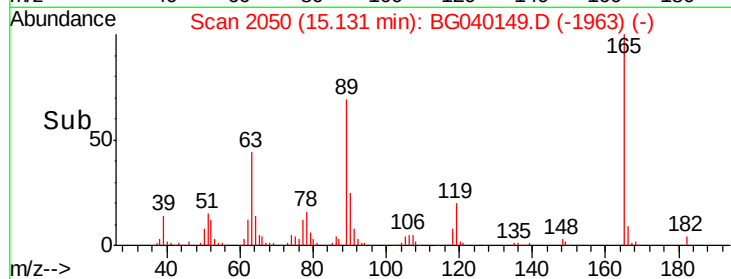
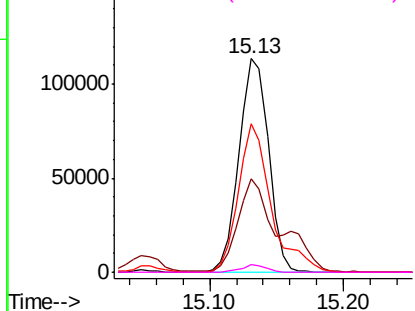
#57
2,4-Dinitrotoluene
Concen: 45.235 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB118289BS

Tgt Ion:	165	Resp:	173962
Ion	Ratio	Lower	Upper
165	100		
63	44.0	41.0	61.6
89	69.3	64.6	96.8
182	3.6	2.0	3.0#

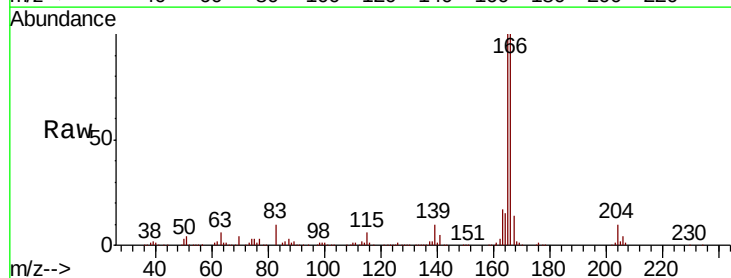


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

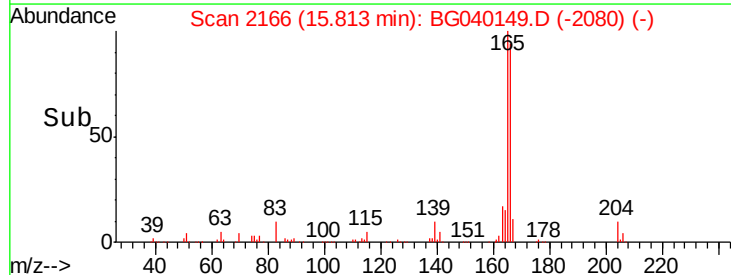
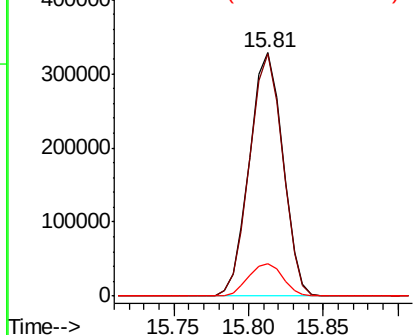


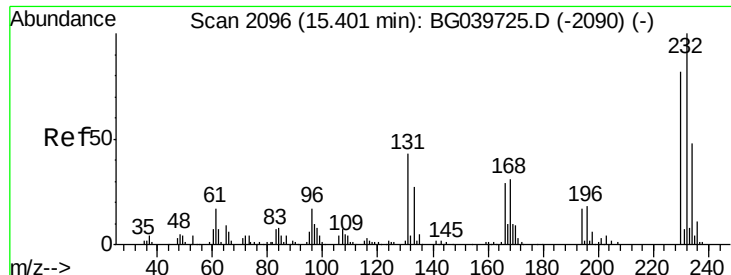
#58
Fluorene
Concen: 41.786 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Tgt Ion:	166	Resp:	508725
Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.9	116.9
167	13.6	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

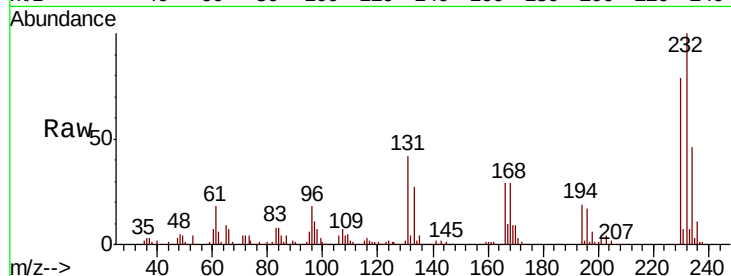




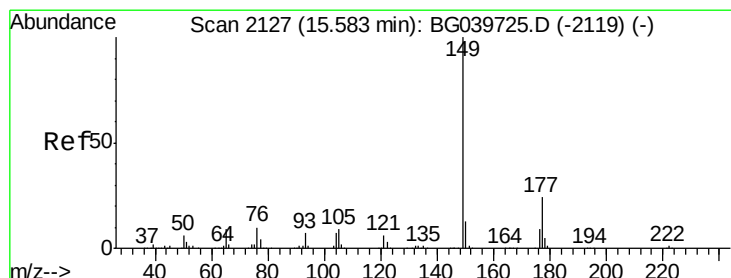
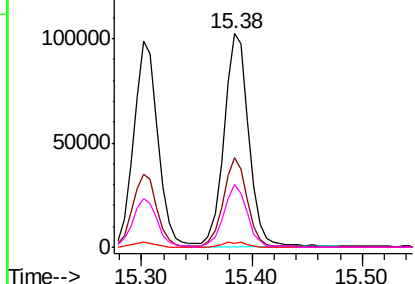
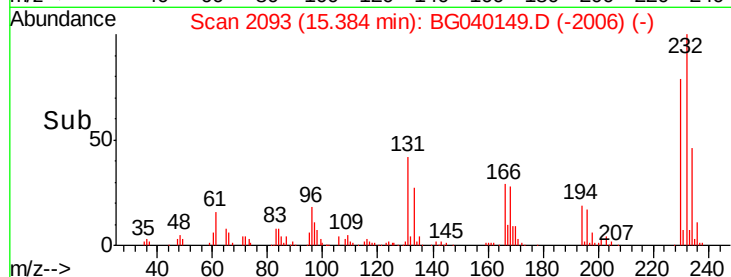
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.414 ng
 RT: 15.38 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB118289BS

Tgt Ion:	232	Resp:	159833
Ion	Ratio	Lower	Upper
232	100		
131	39.8	34.9	52.3
130	2.4	2.0	3.0
166	28.1	24.1	36.1

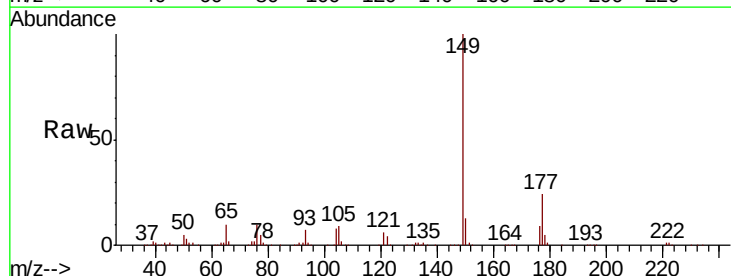


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

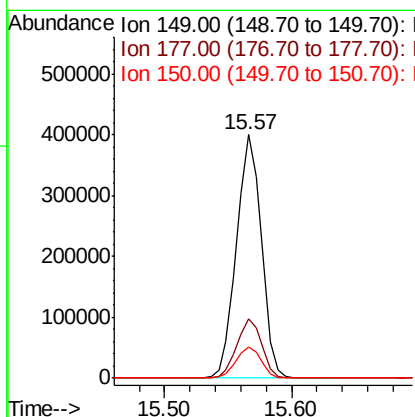
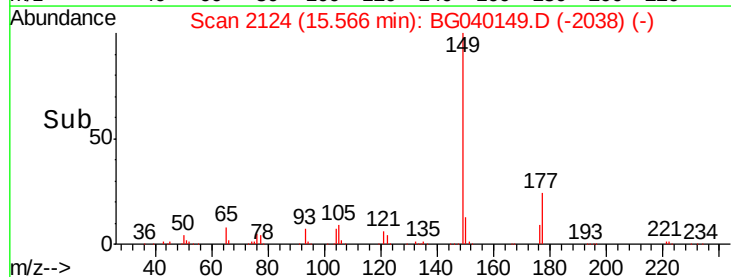


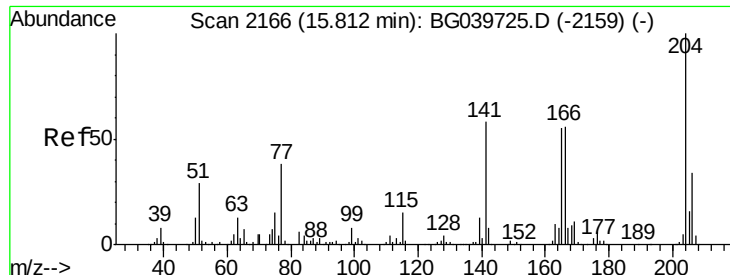
#60
 Diethylphthalate
 Concen: 42.280 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

Tgt Ion:	149	Resp:	540361
Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.3	27.5
150	12.9	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

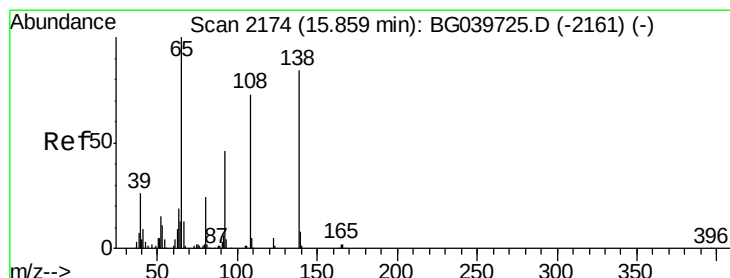
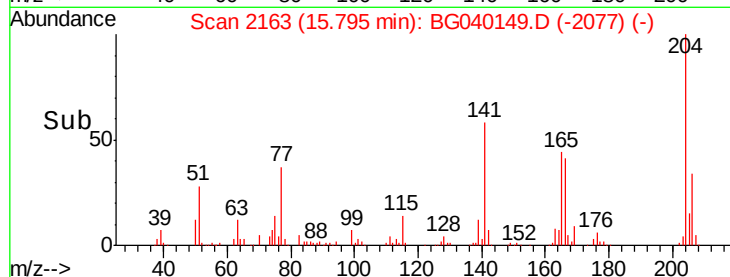
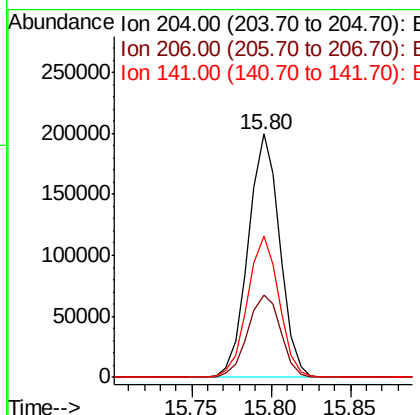
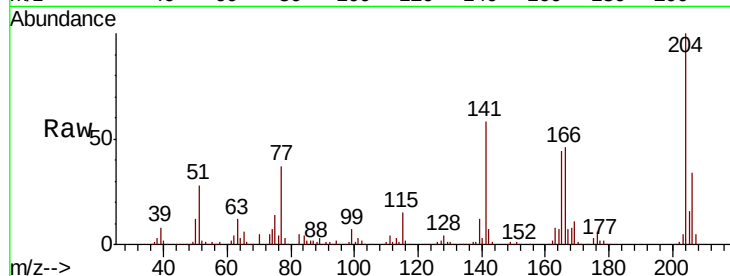




#61
 4-Chlorophenyl-phenylether
 Concen: 42.447 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.02 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

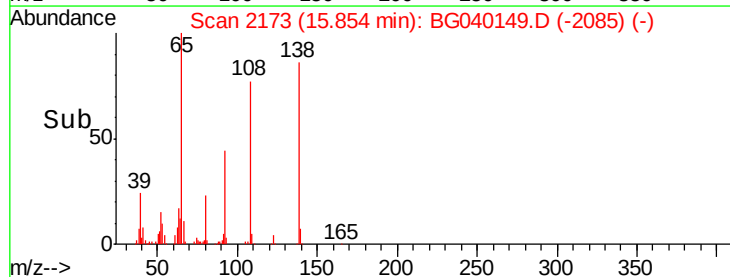
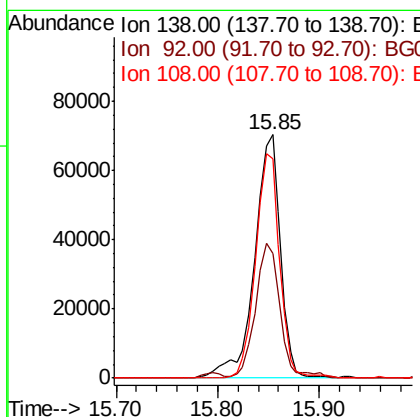
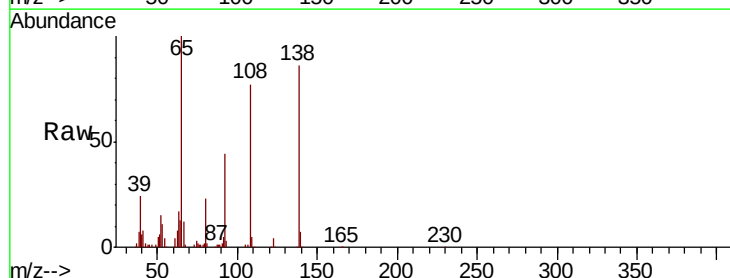
Instrument :
 BNA_G
 ClientSampleId :
 PB118289BS

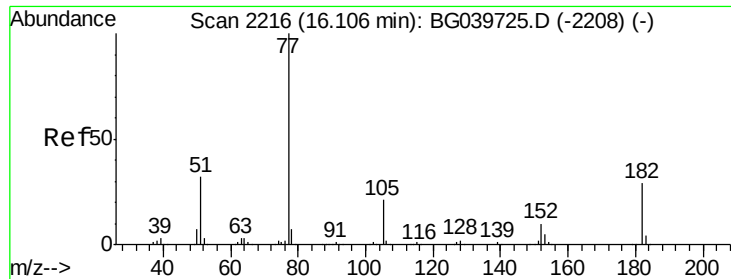
Tgt Ion: 204 Resp: 275762
 Ion Ratio Lower Upper
 204 100
 206 33.9 29.2 43.8
 141 58.1 49.0 73.4



#62
 4-Nitroaniline
 Concen: 41.689 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

Tgt Ion: 138 Resp: 124344
 Ion Ratio Lower Upper
 138 100
 92 51.3 38.7 78.7
 108 90.2 74.6 114.6

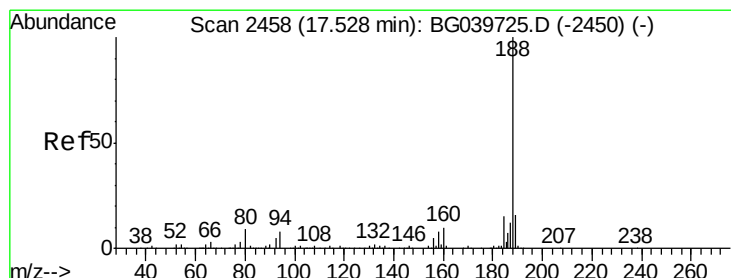
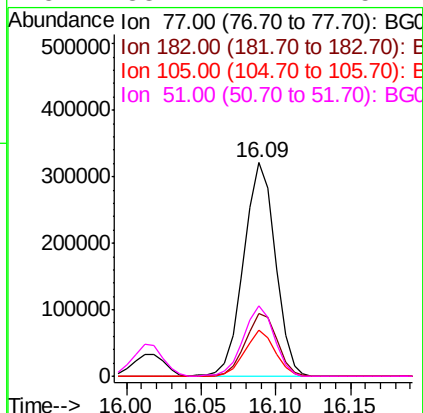
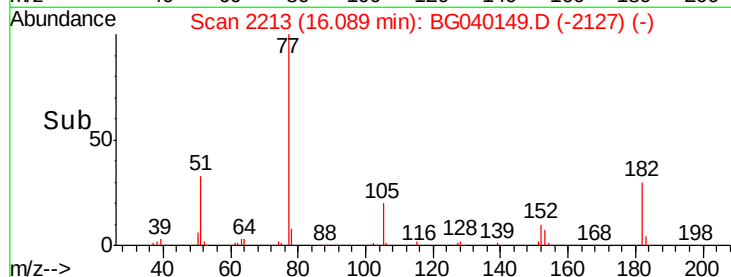
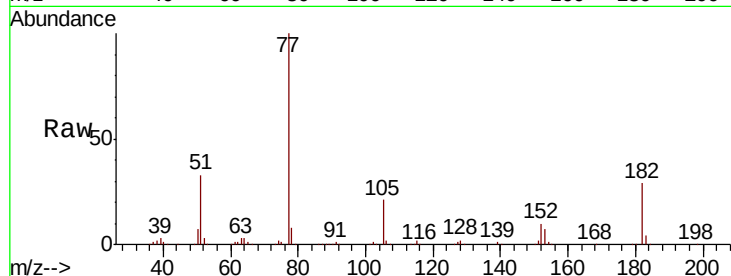




#63
Azobenzene
Concen: 40.560 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

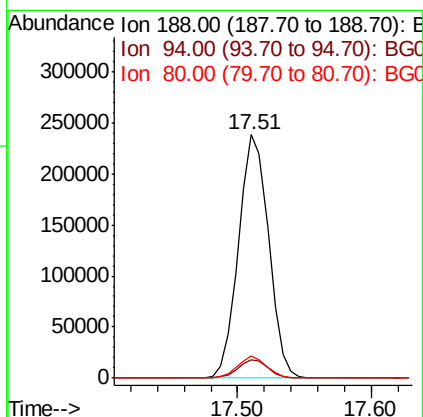
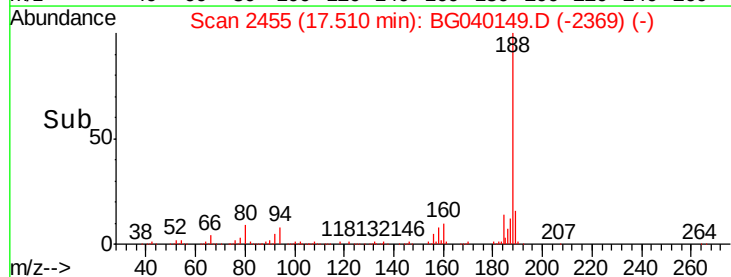
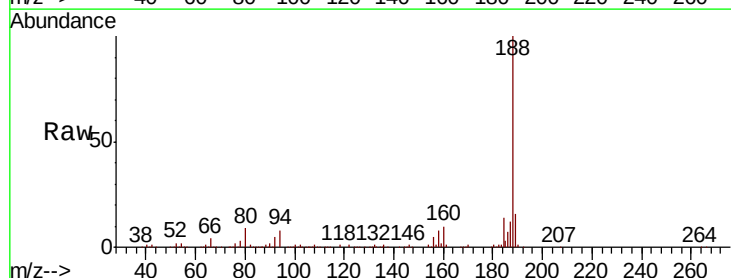
Instrument :
BNA_G
ClientSampleId :
PB118289BS

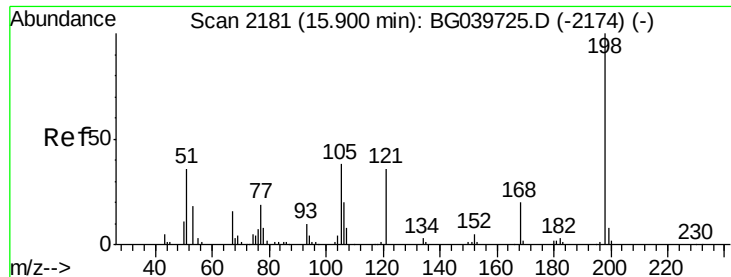
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.4	6.4	46.4
105	21.4	0.0	39.8
51	33.1	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.0	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 46.850 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

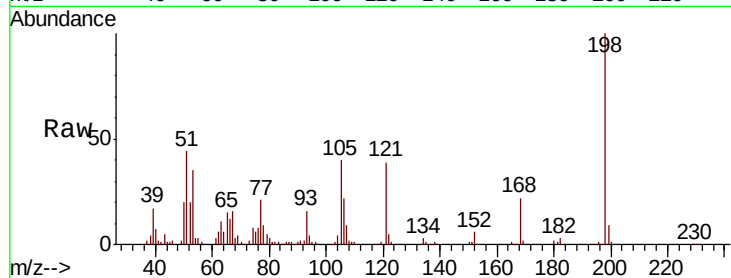
BNA_G

ClientSampleId :

PB118289BS

Tgt Ion:198 Resp: 102770

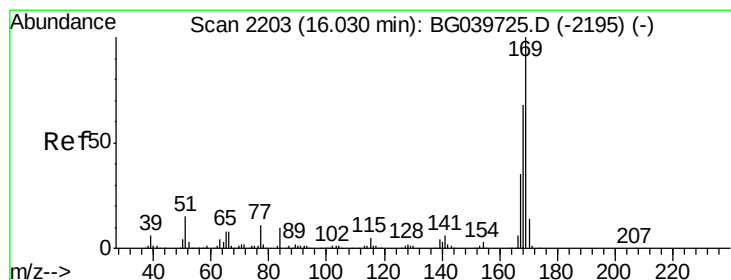
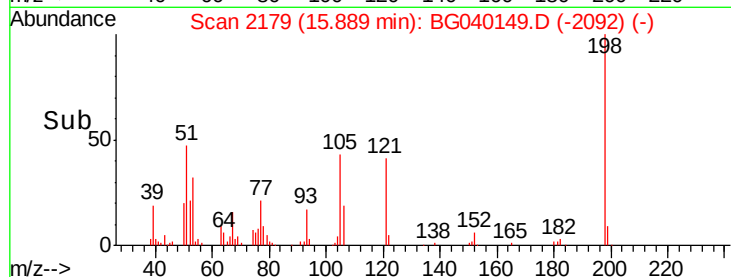
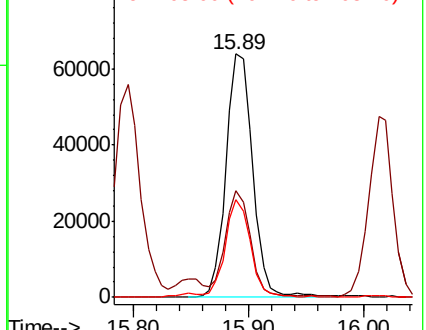
Ion	Ratio	Lower	Upper
198	100		
51	43.7	27.4	67.4
105	40.3	19.7	59.7



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: 43.522 ng

RT: 16.02 min Scan# 2201

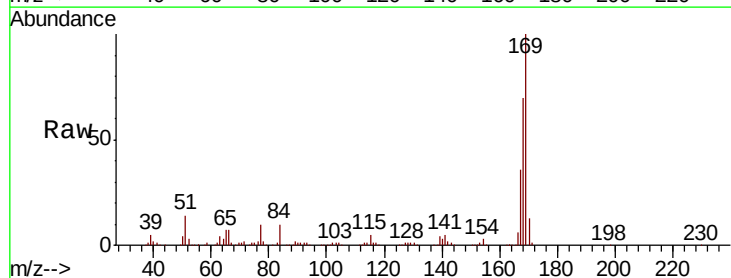
Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Tgt Ion:169 Resp: 467447

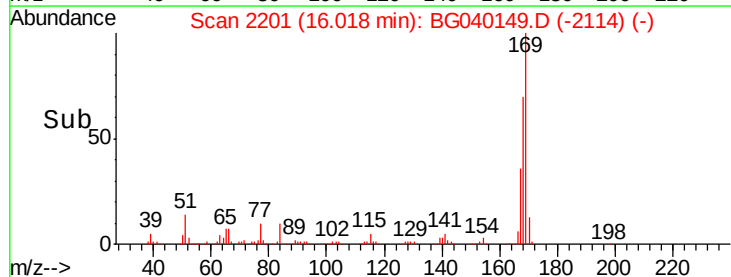
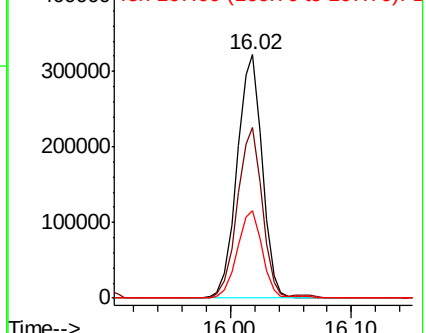
Ion	Ratio	Lower	Upper
169	100		
168	70.2	56.6	85.0
167	36.1	28.8	43.2

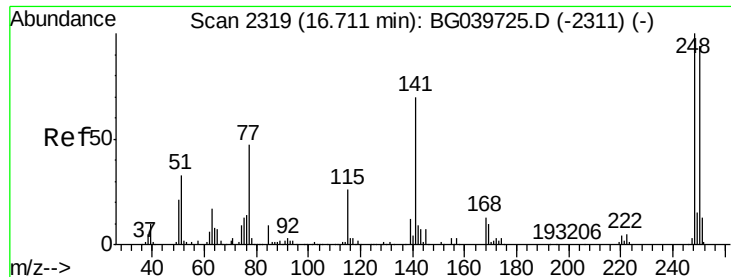


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

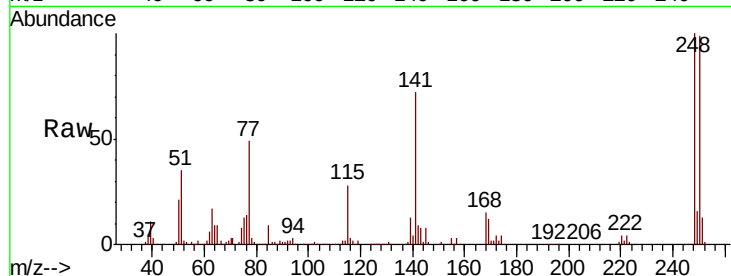




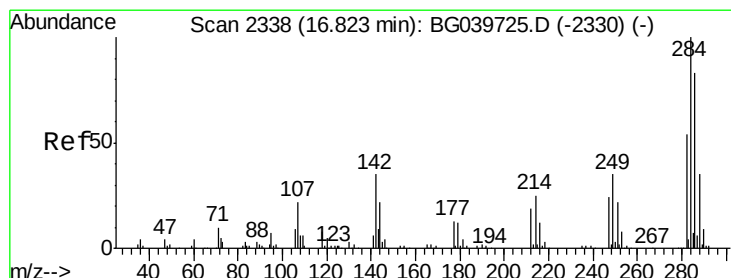
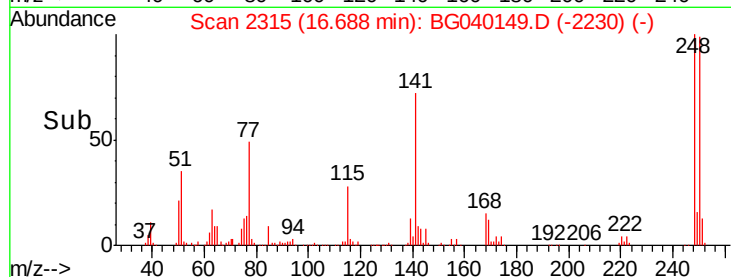
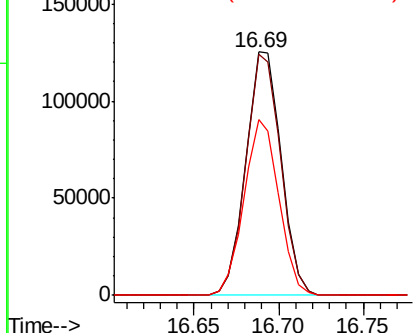
#67
4-Bromophenyl-phenylether
Concen: 43.898 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.03 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB118289BS

Tgt Ion:248 Resp: 182297
Ion Ratio Lower Upper
248 100
250 99.1 77.6 116.4
141 72.0 63.9 95.9

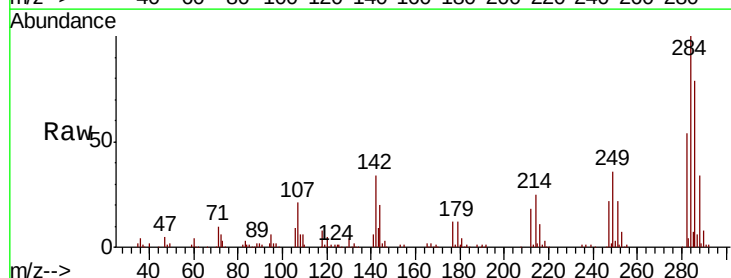


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

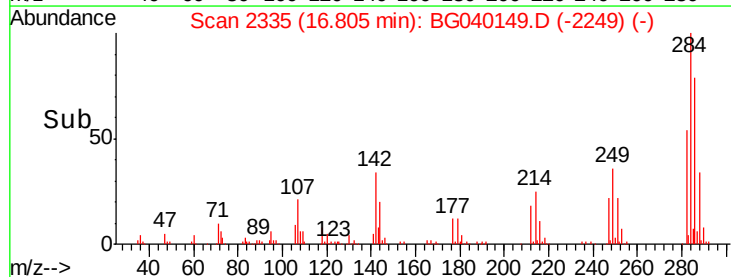
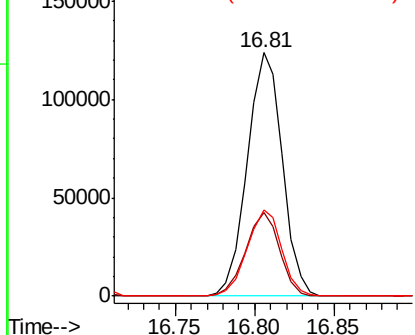


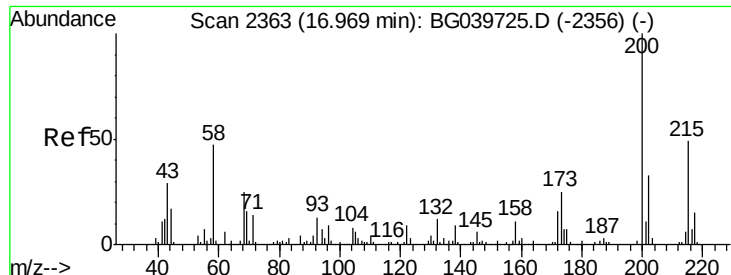
#68
Hexachlorobenzene
Concen: 44.108 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Tgt Ion:284 Resp: 189867
Ion Ratio Lower Upper
284 100
142 34.4 30.6 45.8
249 35.6 28.2 42.2



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





#69

Atrazine

Concen: 41.276 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

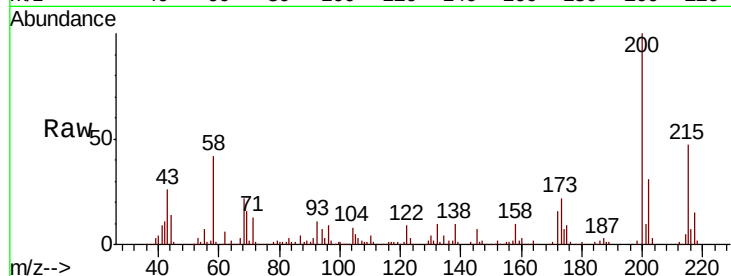
Tgt Ion:200 Resp: 174476

Ion Ratio Lower Upper

200 100

173 22.3 3.9 43.9

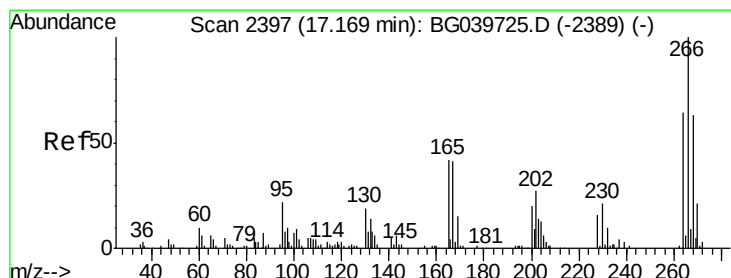
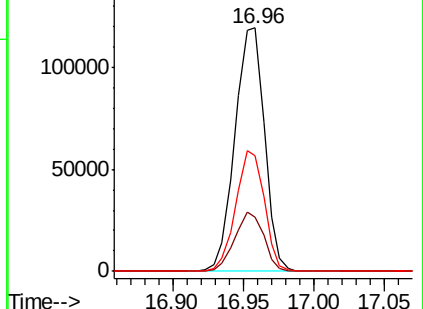
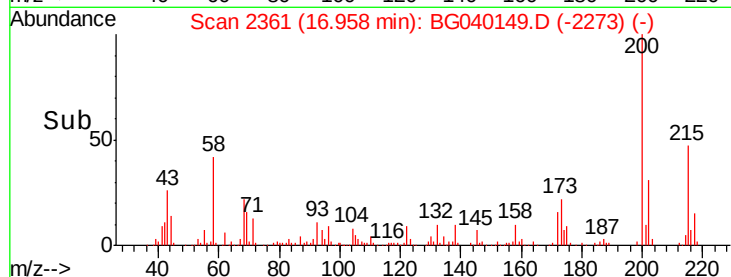
215 47.4 30.9 70.9



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: 86.638 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

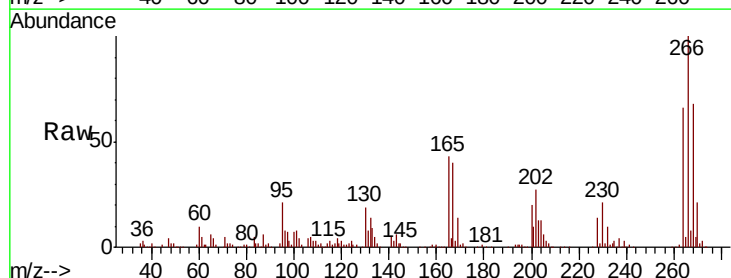
Tgt Ion:266 Resp: 235532

Ion Ratio Lower Upper

266 100

268 67.6 51.1 76.7

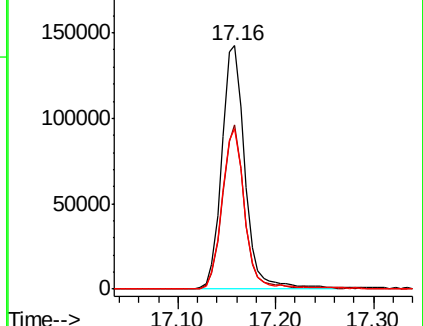
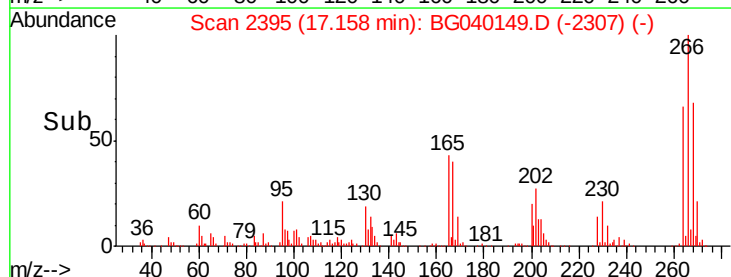
264 66.1 52.1 78.1

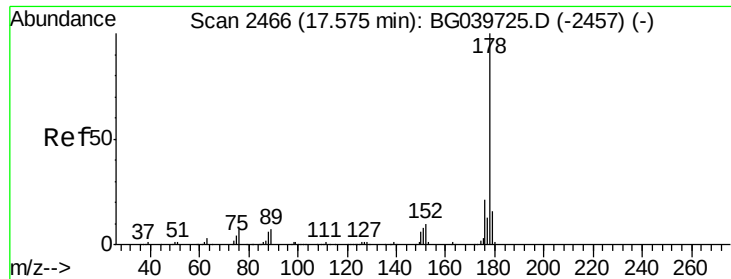


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

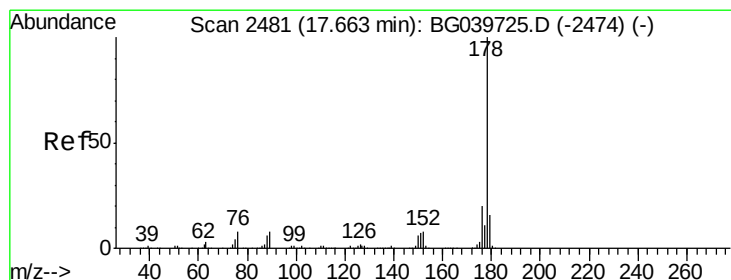
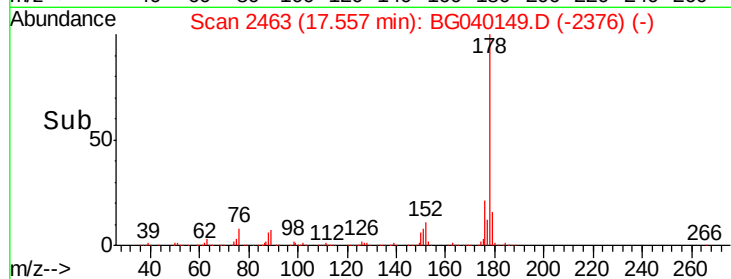
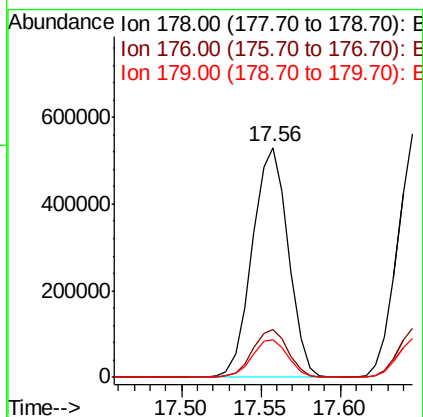
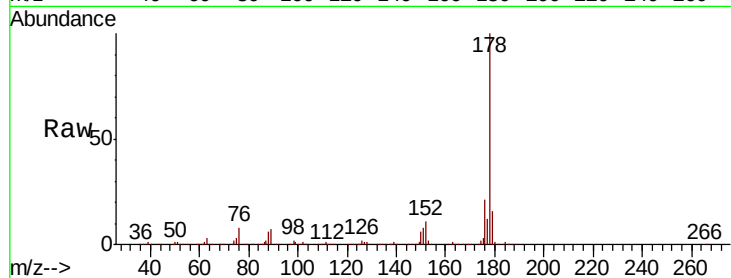




#71
 Phenanthrene
 Concen: 40.922 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

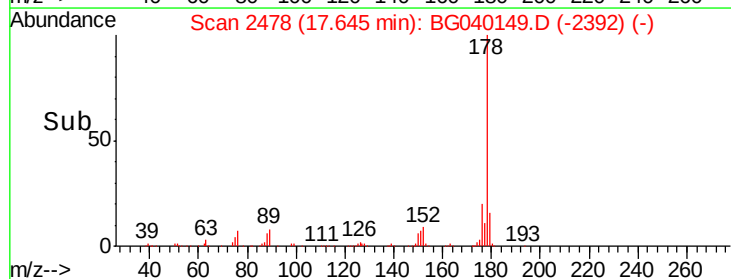
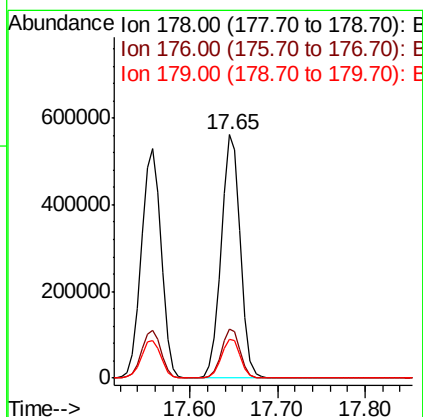
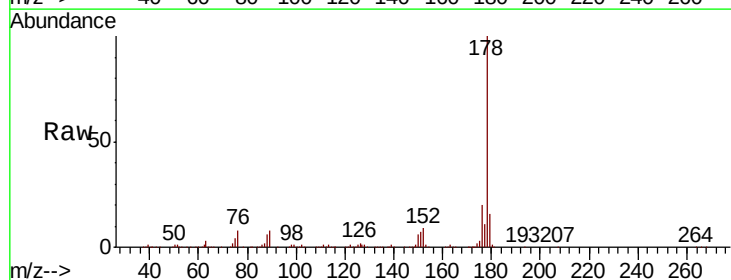
Instrument :
 BNA_G
 ClientSampleId :
 PB118289BS

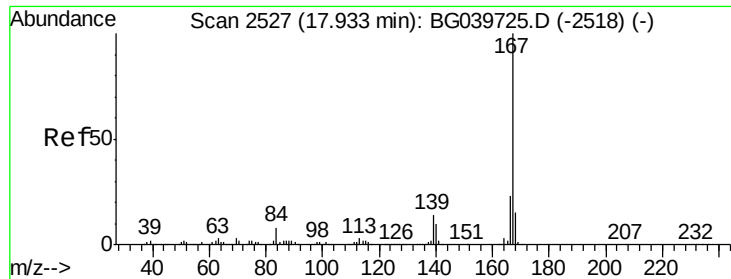
Tgt Ion:178 Resp: 836243
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.2 24.4
 179 16.5 12.6 19.0



#72
 Anthracene
 Concen: 42.627 ng
 RT: 17.65 min Scan# 2478
 Delta R.T. -0.02 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

Tgt Ion:178 Resp: 848858
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.6
 179 15.9 12.5 18.7

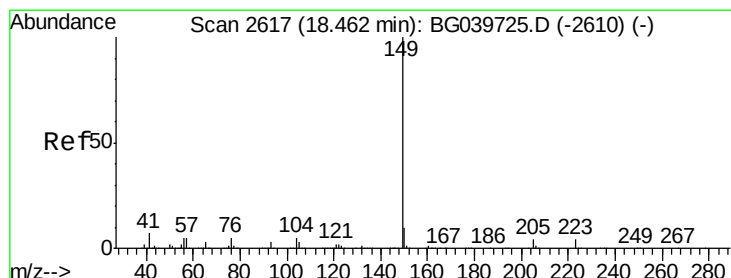
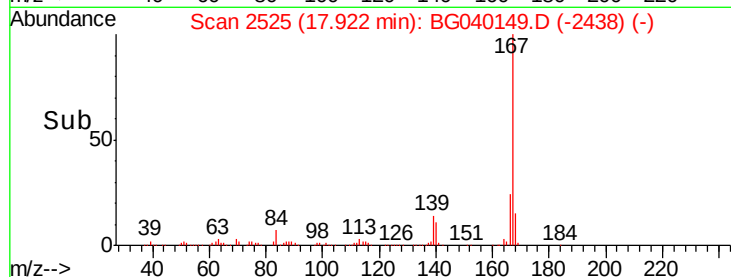
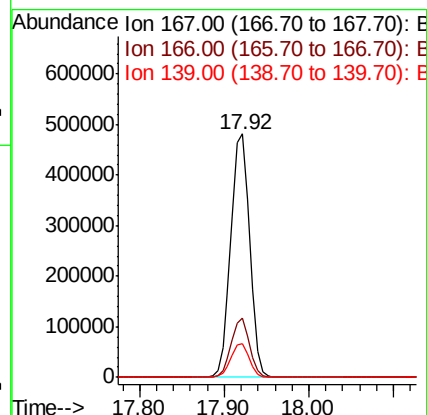
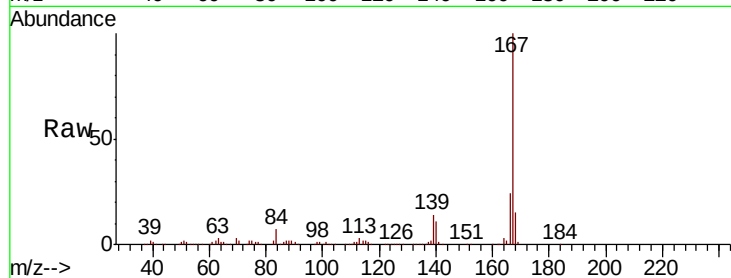




#73
 Carbazole
 Concen: 41.330 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

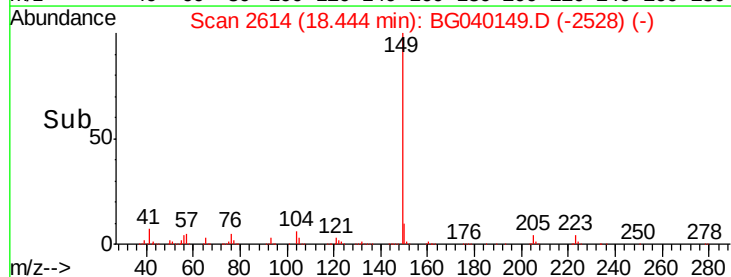
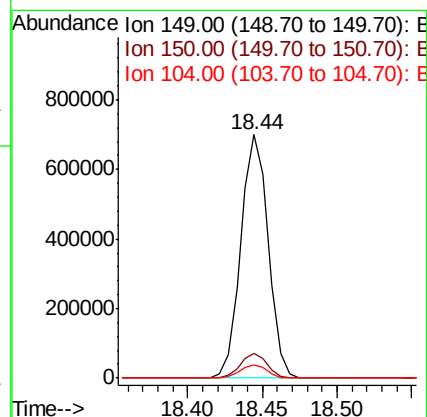
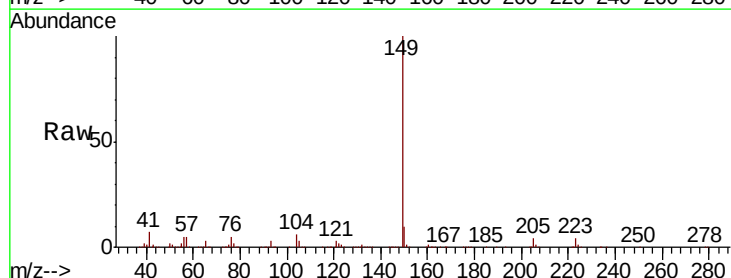
Instrument :
 BNA_G
 ClientSampleId :
 PB118289BS

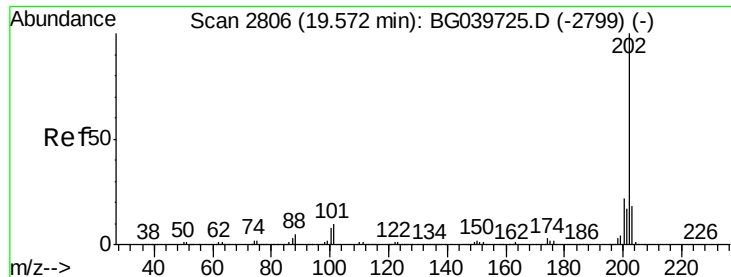
Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.4	29.2
139	14.0	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 42.186 ng
 RT: 18.44 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040149.D
 Acq: 26 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 41.237 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

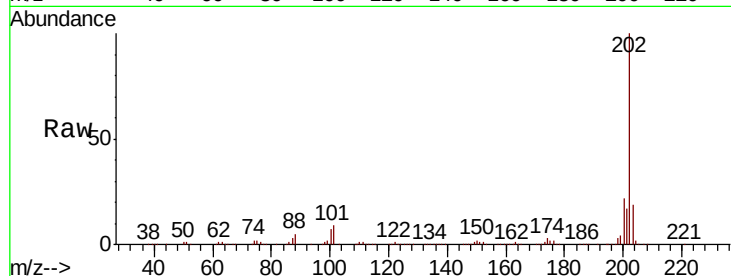
Tgt Ion:202 Resp: 995904

Ion Ratio Lower Upper

202 100

101 8.5 0.0 30.0

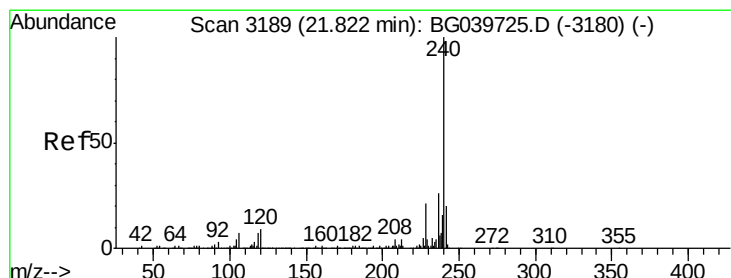
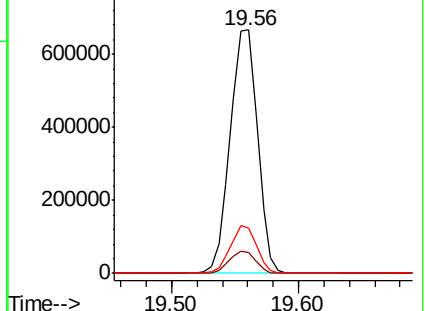
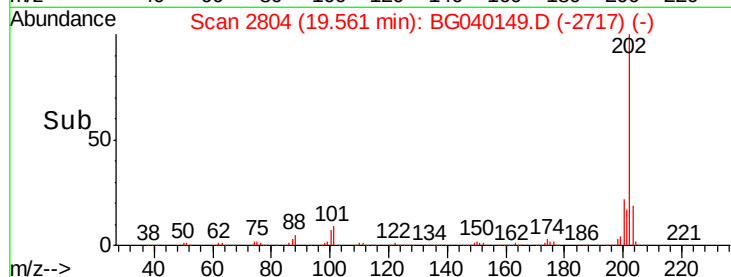
203 18.8 0.0 38.9



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: BG040149.D

Acq: 26 Mar 2019 16:16

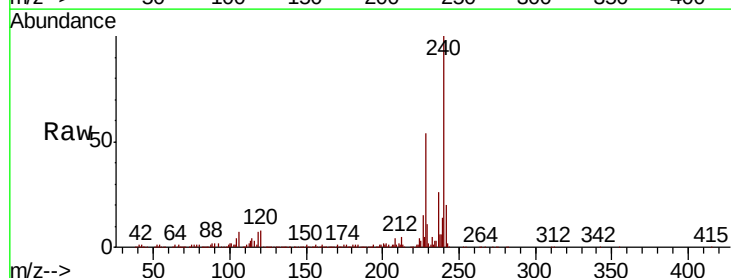
Tgt Ion:240 Resp: 362962

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

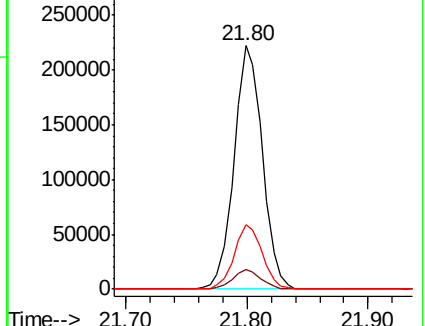
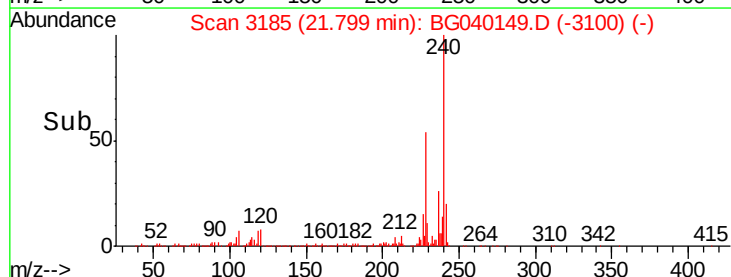
236 26.4 21.0 31.4

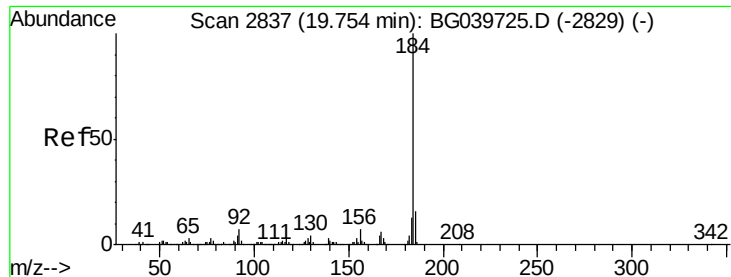


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.912 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

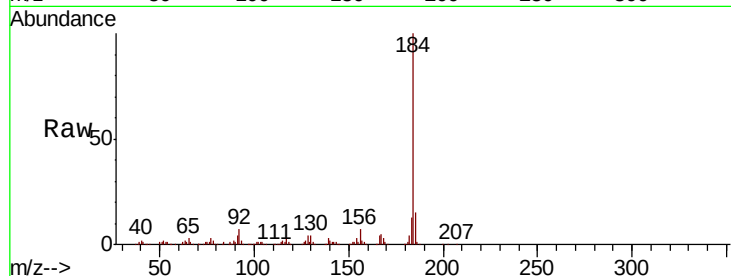
Tgt Ion:184 Resp: 298451

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

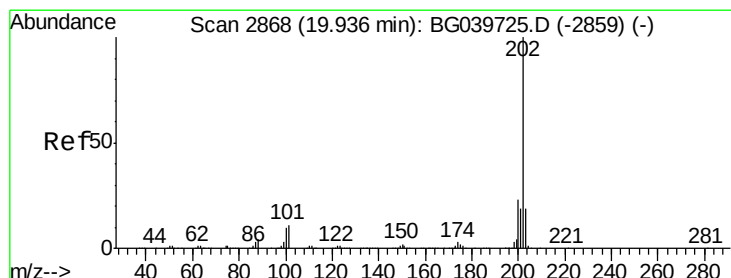
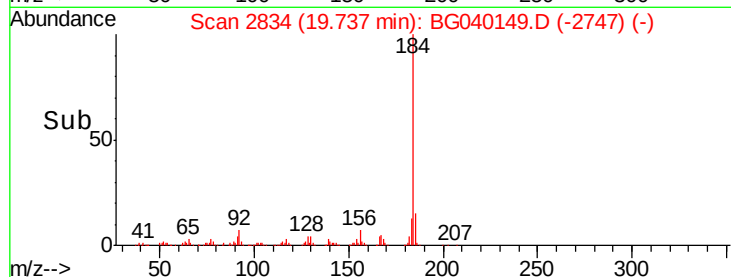
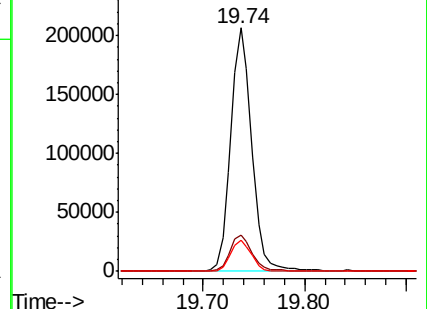
183 12.8 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.685 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

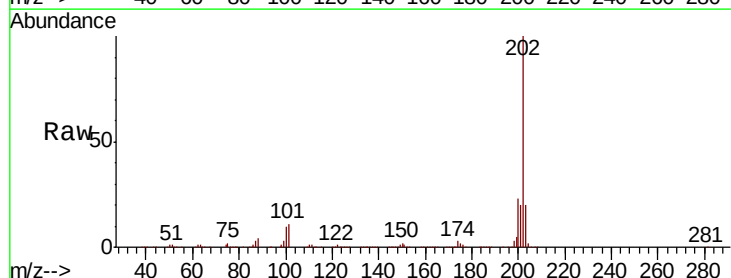
Tgt Ion:202 Resp: 983165

Ion Ratio Lower Upper

202 100

200 23.2 17.8 26.8

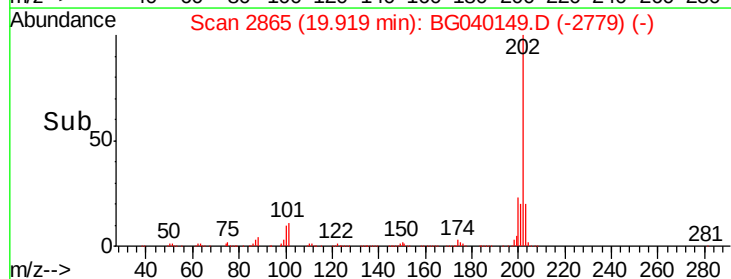
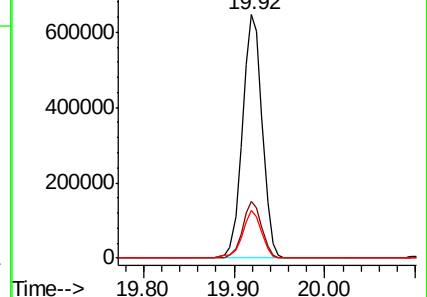
203 19.5 15.3 22.9

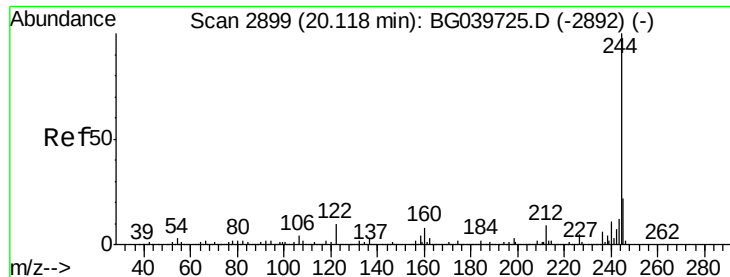


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.343 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

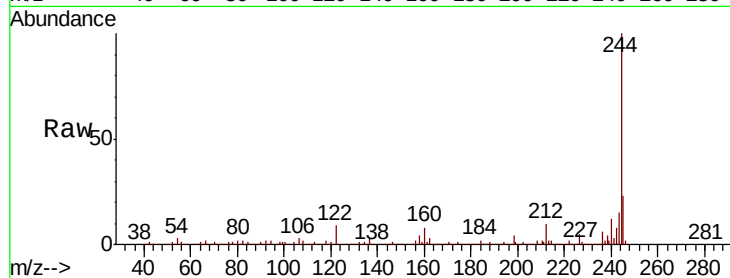
Tgt Ion:244 Resp: 1423345

Ion Ratio Lower Upper

244 100

212 9.9 7.3 10.9

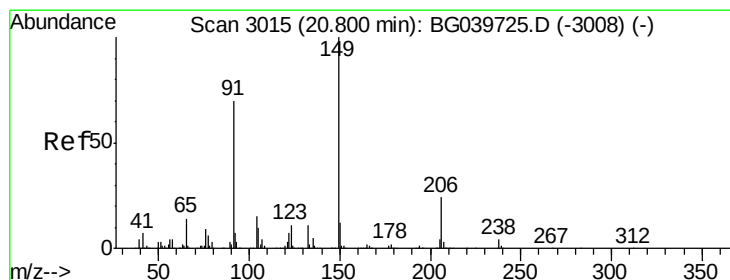
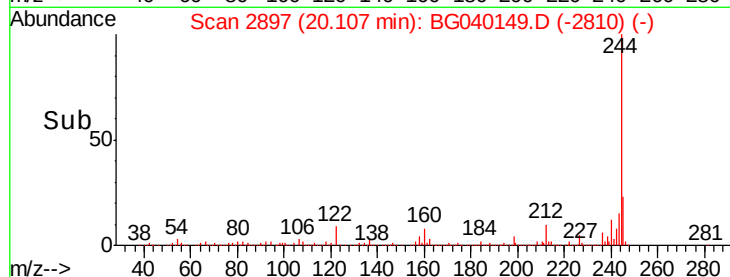
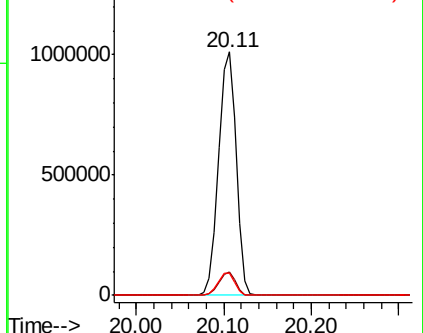
122 8.9 8.4 12.6



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: 44.905 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

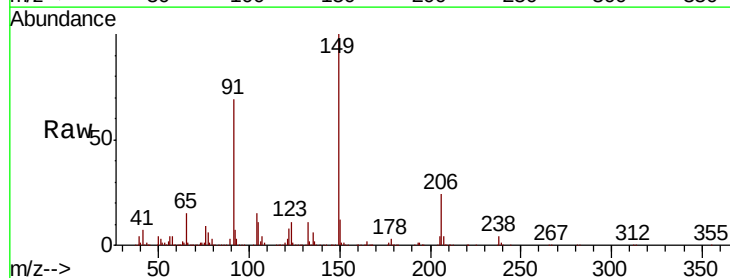
Tgt Ion:149 Resp: 410324

Ion Ratio Lower Upper

149 100

91 68.8 59.5 89.3

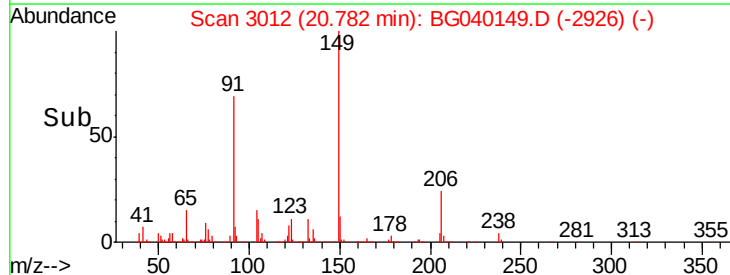
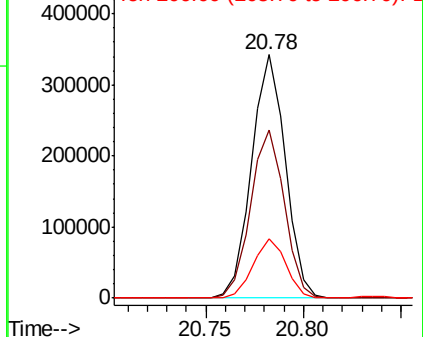
206 24.3 18.6 27.8

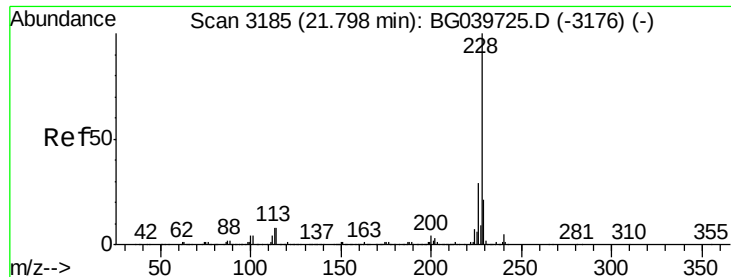


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

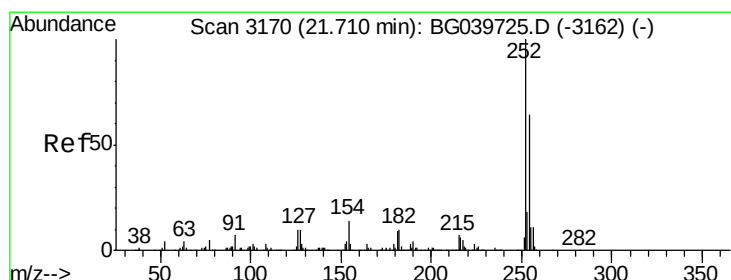
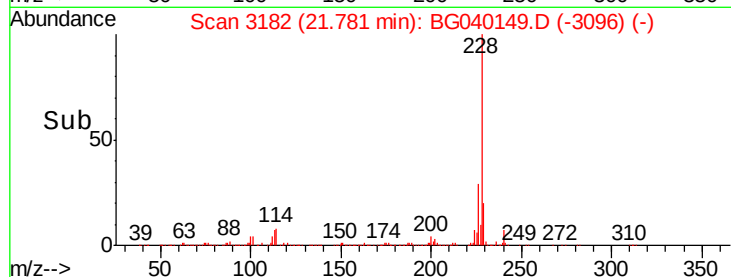
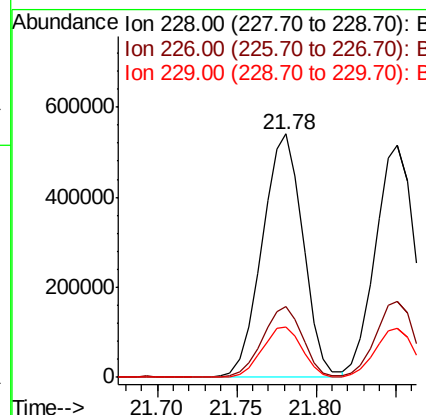
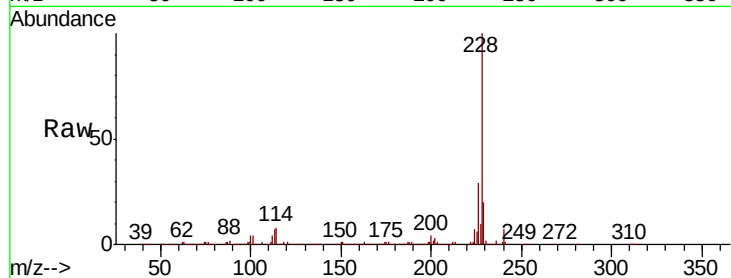




#81
Benzo(a)anthracene
Concen: 42.532 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

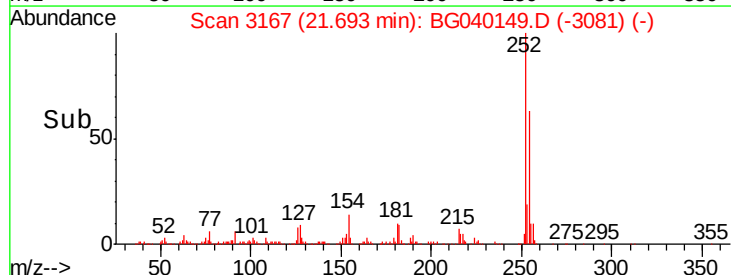
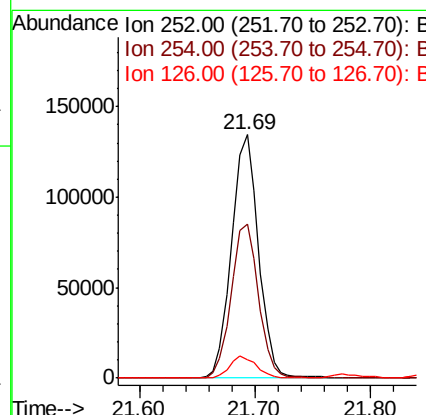
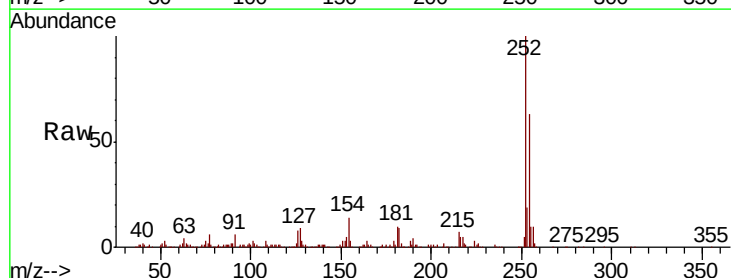
Instrument :
BNA_G
ClientSampleId :
PB118289BS

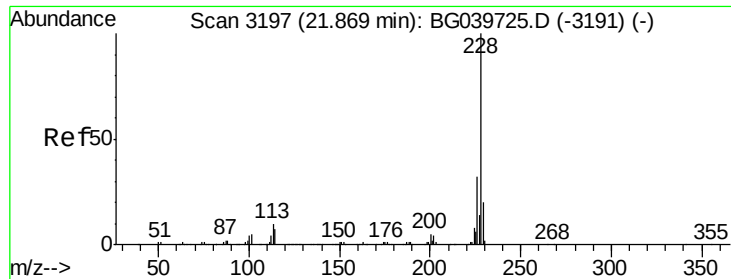
Tgt Ion:228 Resp: 967509
Ion Ratio Lower Upper
228 100
226 29.3 23.0 34.6
229 20.5 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 26.216 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Tgt Ion:252 Resp: 217731
Ion Ratio Lower Upper
252 100
254 63.4 51.3 76.9
126 7.8 8.0 12.0#





#83

Chrysene

Concen: 40.364 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

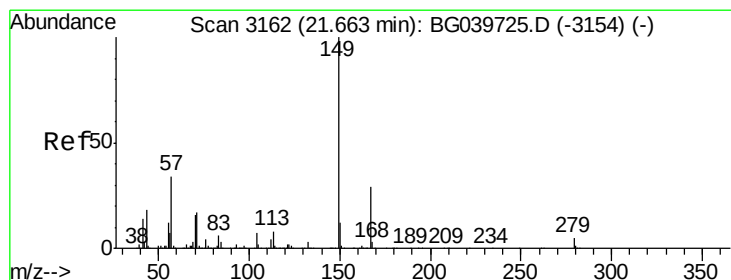
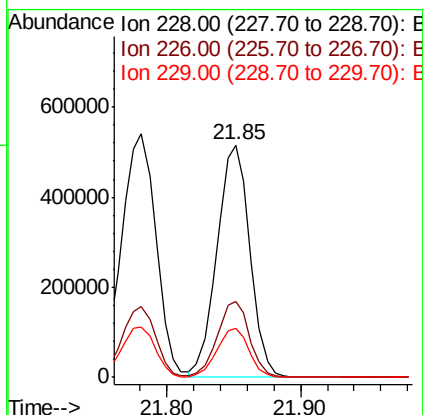
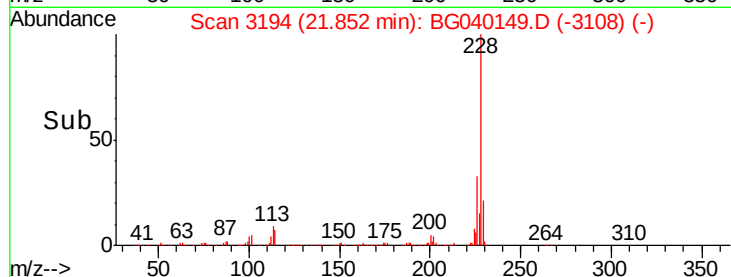
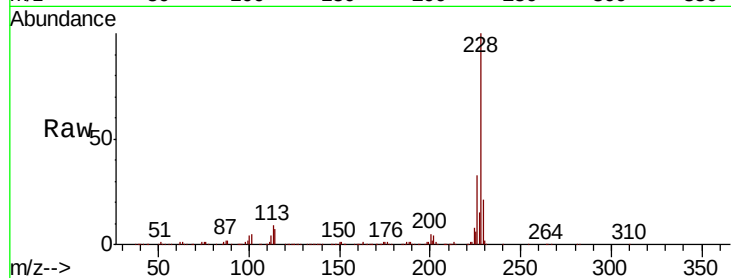
Tgt Ion:228 Resp: 890170

Ion Ratio Lower Upper

228 100

226 32.9 25.8 38.6

229 21.3 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.599 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

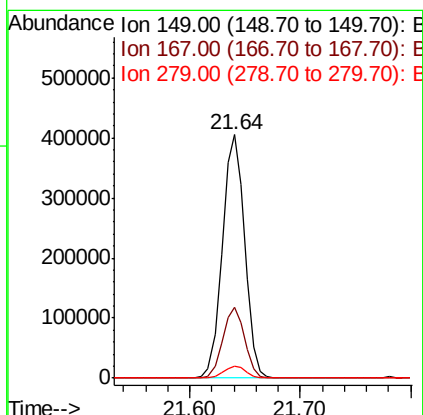
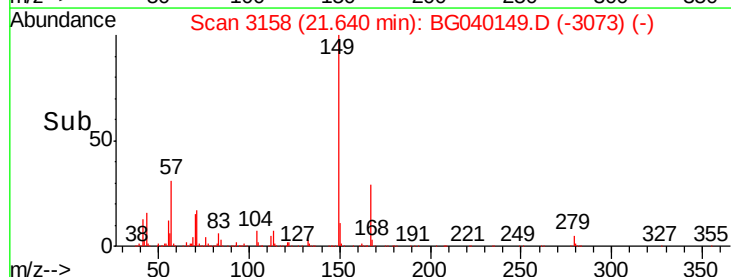
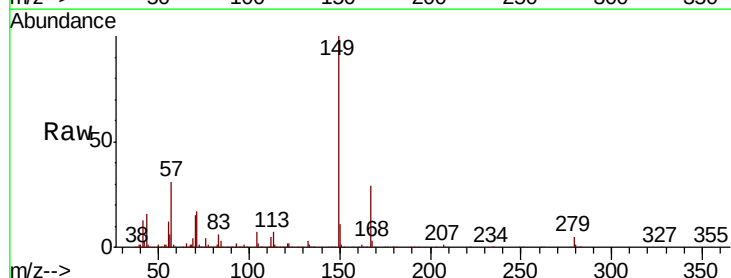
Tgt Ion:149 Resp: 572682

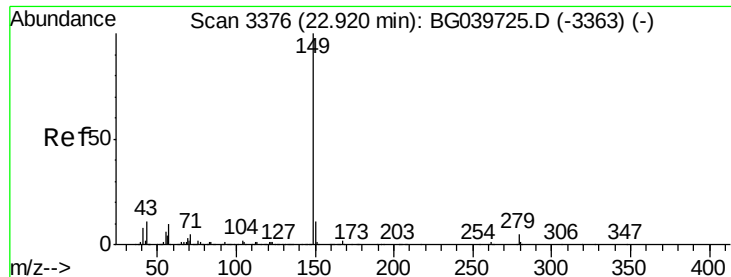
Ion Ratio Lower Upper

149 100

167 28.9 22.6 34.0

279 5.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 45.382 ng

RT: 22.89 min Scan# 3370

Delta R.T. -0.04 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

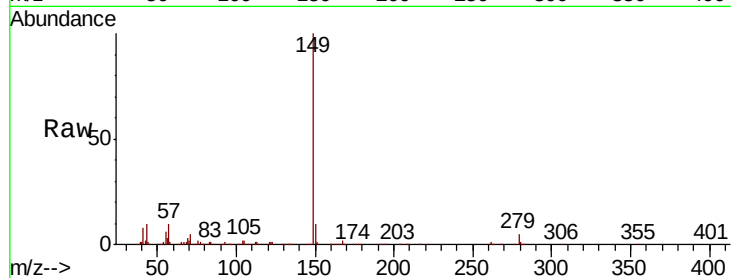
Tgt Ion:149 Resp: 964871

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

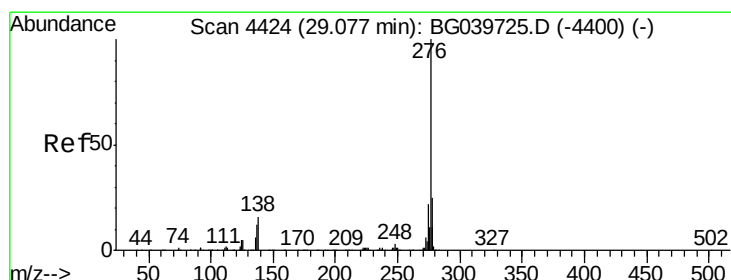
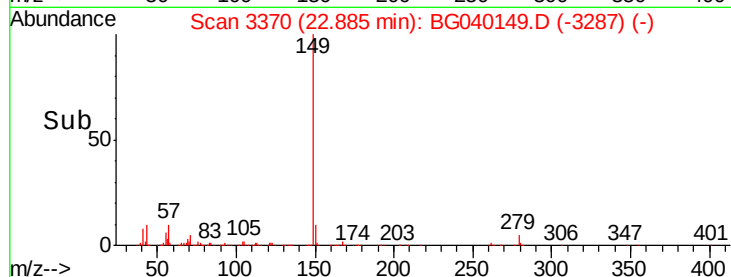
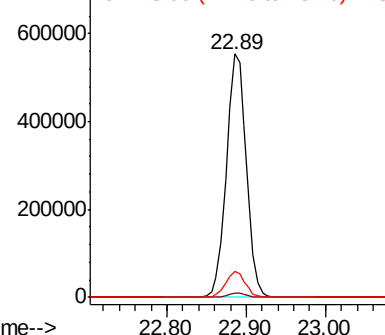
43 10.2 10.2 15.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.782 ng

RT: 29.02 min Scan# 4415

Delta R.T. -0.06 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

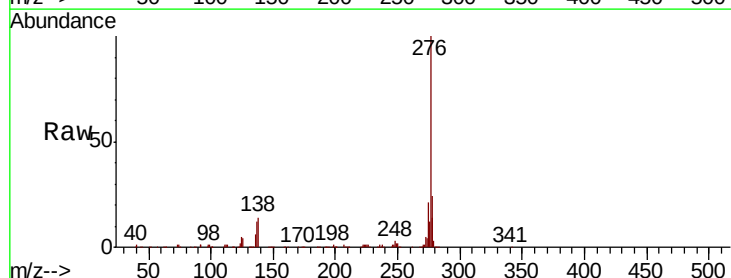
Tgt Ion:276 Resp: 1070335

Ion Ratio Lower Upper

276 100

138 12.5 12.6 19.0#

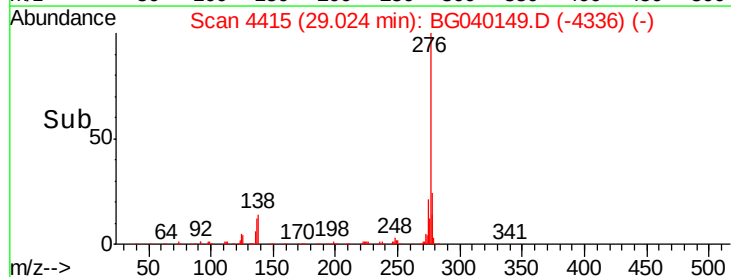
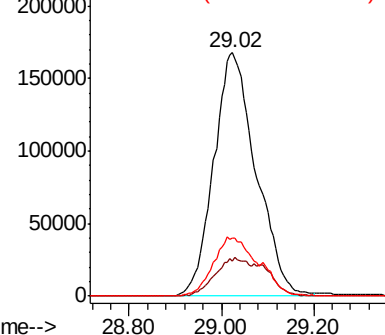
277 25.8 20.8 31.2

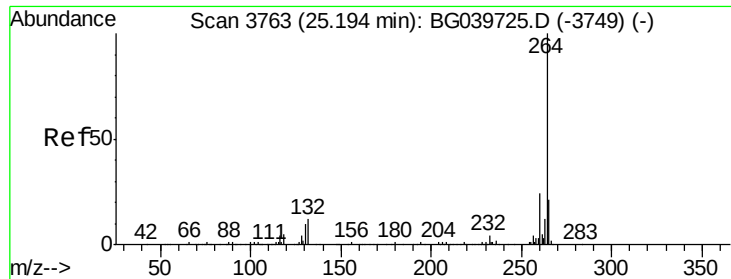


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

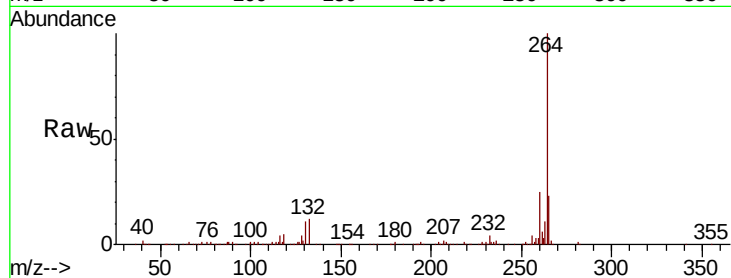
Tgt Ion:264 Resp: 345417

Ion Ratio Lower Upper

264 100

260 25.2 18.2 27.4

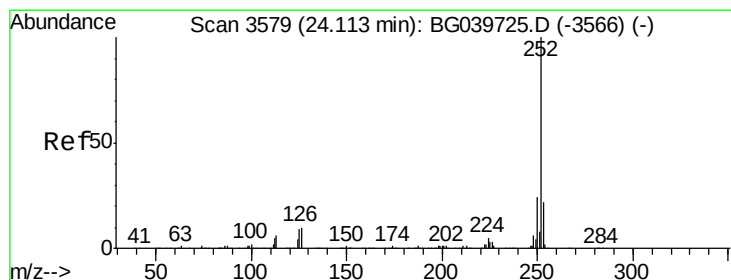
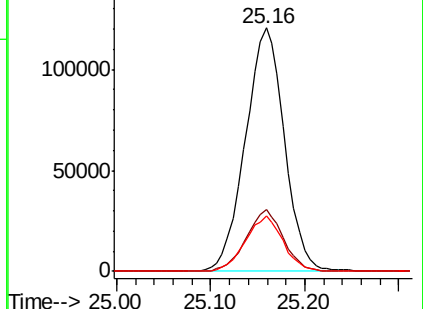
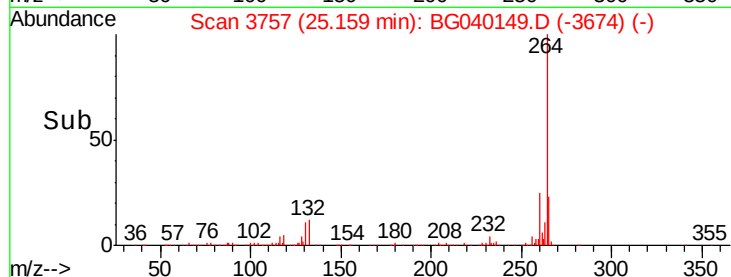
265 22.6 18.5 27.7



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: 45.707 ng

RT: 24.08 min Scan# 3574

Delta R.T. -0.04 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

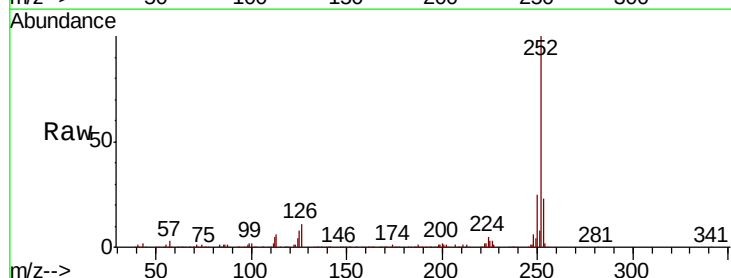
Tgt Ion:252 Resp: 941474

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

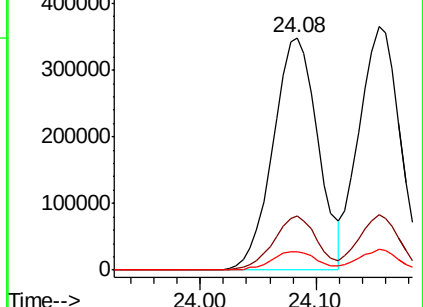
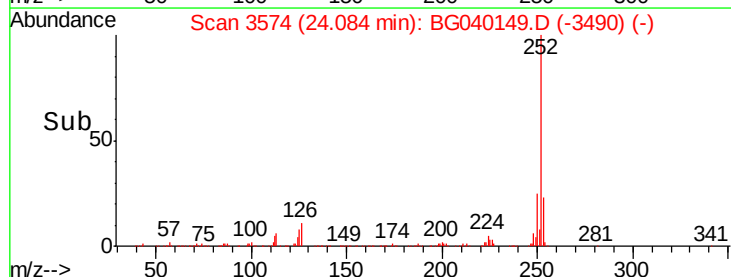
125 7.9 7.8 11.6

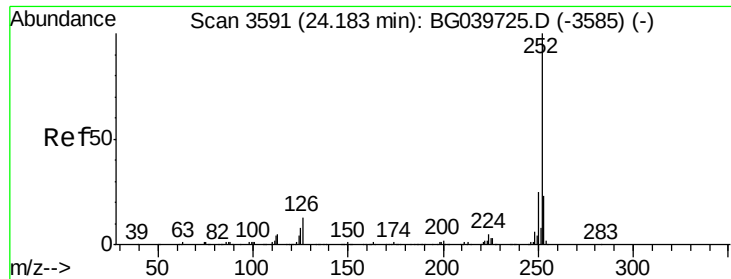


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.772 ng

RT: 24.15 min Scan# 3586

Delta R.T. -0.04 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB118289BS

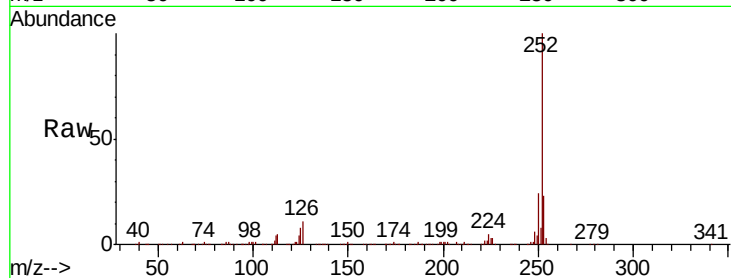
Tgt Ion:252 Resp: 896785

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

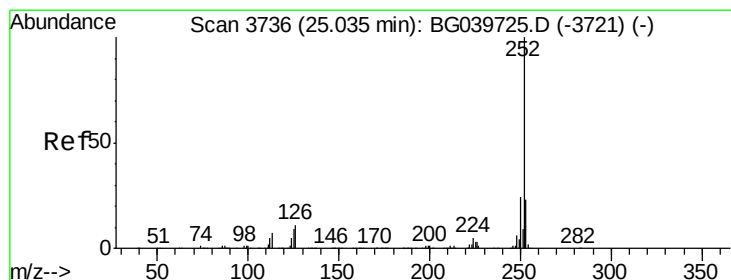
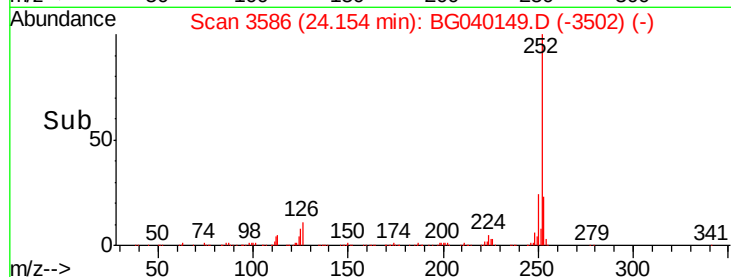
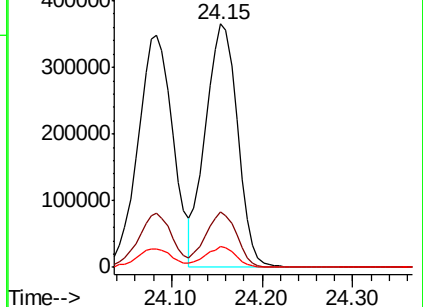
125 8.4 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.256 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.04 min

Lab File: BG040149.D

Acq: 26 Mar 2019 16:16

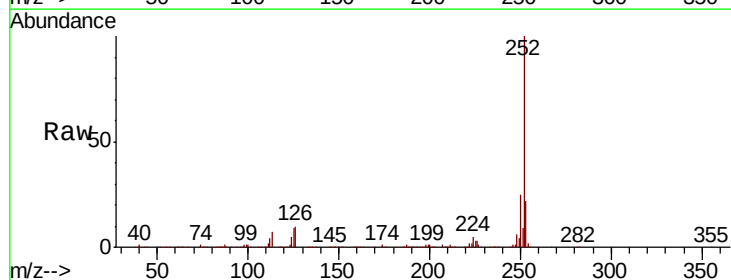
Tgt Ion:252 Resp: 918489

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

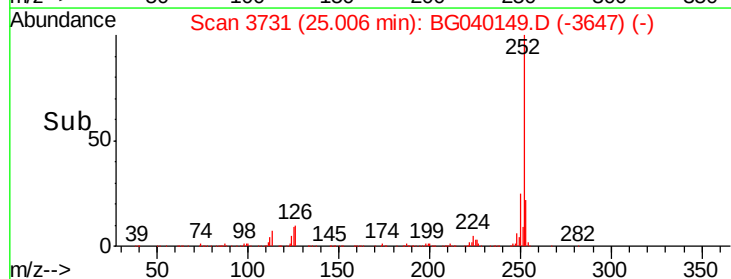
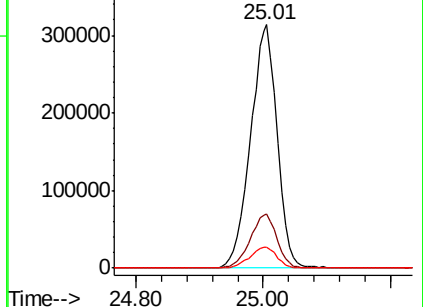
125 8.6 8.3 12.5

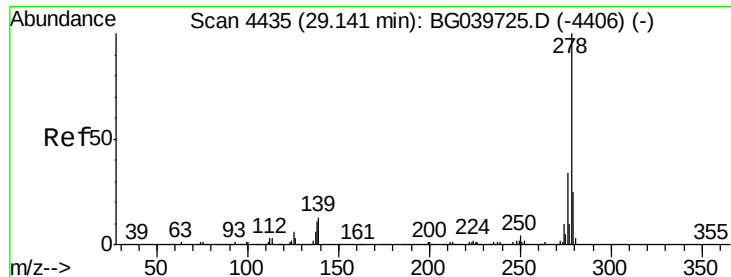


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

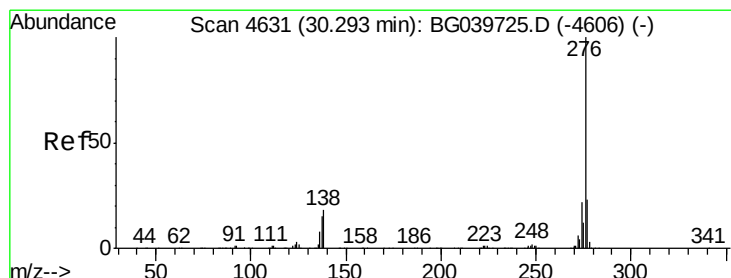
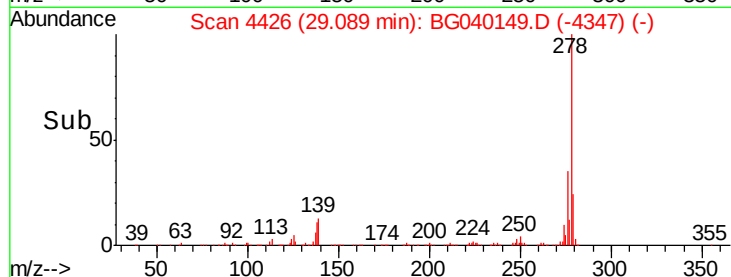
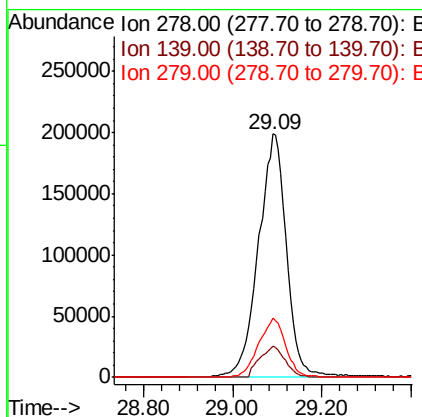
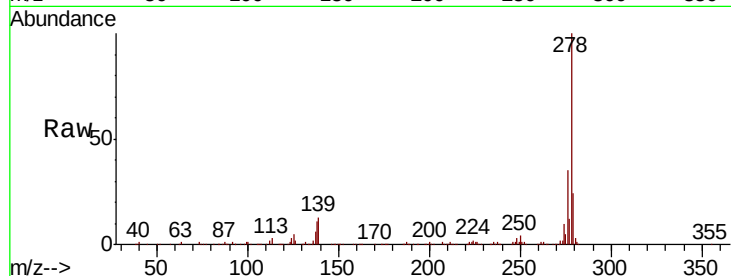




#91
Dibenzo(a,h)anthracene
Concen: 46.417 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.06 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB118289BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.7	17.5
279	24.1	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 47.188 ng
RT: 30.25 min Scan# 4624
Delta R.T. -0.06 min
Lab File: BG040149.D
Acq: 26 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.6	29.4
138	15.3	14.7	22.1

