

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040379.D
 Acq On : 5 Apr 2019 16:25
 Operator : JU/SJ
 Sample : PB118645BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BS

Quant Time: Apr 05 23:36:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	97773	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	400208	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	244827	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	579067	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	604518	20.00	ng	-0.03
87) Perylene-d12	24.97	264	588710	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	452581	76.95	ng	-0.02
7) Phenol-d6	7.21	99	638537	78.56	ng	-0.02
23) Nitrobenzene-d5	9.23	82	596767	79.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	238285	90.06	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1294473	78.35	ng	-0.02
79) Terphenyl-d14	20.03	244	2048483	76.23	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	105331	38.087	ng	97
3) Pyridine	3.90	79	276215	37.096	ng	100
4) n-Nitrosodimethylamine	3.83	42	132705	38.529	ng	# 88
6) Aniline	7.38	93	406066	38.452	ng	99
8) 2-Chlorophenol	7.61	128	268700	39.028	ng	94
9) Benzaldehyde	7.19	77	158120	28.360	ng	98
10) Phenol	7.23	94	356646	40.425	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	275439	38.979	ng	99
12) 1,3-Dichlorobenzene	7.94	146	294989	39.415	ng	95
13) 1,4-Dichlorobenzene	8.08	146	296114	39.725	ng	98
14) 1,2-Dichlorobenzene	8.40	146	279554	39.217	ng	99
15) Benzyl Alcohol	8.29	79	249927	38.180	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	510298	37.628	ng	99
17) 2-Methylphenol	8.49	107	241457	39.551	ng	97
18) Hexachloroethane	9.12	117	108767	38.361	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	215335	36.950	ng	95
20) 3+4-Methylphenols	8.82	107	330204	39.926	ng	99
22) Acetophenone	8.88	105	427127	42.785	ng	# 97
24) Nitrobenzene	9.27	77	319789	41.015	ng	98
25) Isophorone	9.78	82	620003	40.021	ng	98
26) 2-Nitrophenol	9.97	139	158664	42.947	ng	96
27) 2,4-Dimethylphenol	10.02	122	242057	41.248	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	378172	41.260	ng	98
29) 2,4-Dichlorophenol	10.51	162	274170	43.043	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	297401	42.521	ng	99
31) Naphthalene	10.91	128	852792	41.572	ng	99
32) Benzoic acid	10.19	122	138383	39.029	ng	89
33) 4-Chloroaniline	11.03	127	373649	42.702	ng	98
34) Hexachlorobutadiene	11.17	225	180160	40.276	ng	95
35) Caprolactam	11.82	113	70357	27.834	ng	98
36) 4-Chloro-3-methylphenol	12.14	107	308033	42.065	ng	99
37) 2-Methylnaphthalene	12.51	142	644987	42.513	ng	99
38) 1-Methylnaphthalene	12.73	142	607171	41.271	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	325257	41.799	ng	99

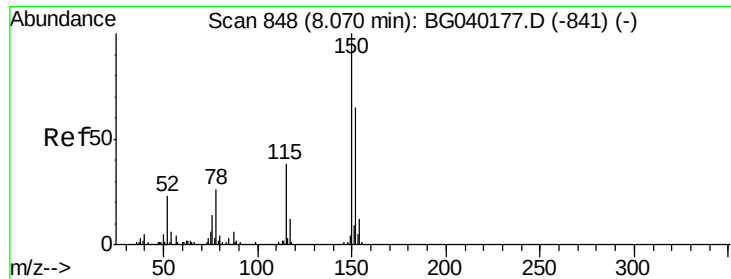
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040379.D
 Acq On : 5 Apr 2019 16:25
 Operator : JU/SJ
 Sample : PB118645BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: Apr 05 23:36:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	365338	85.507	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	222973	44.444	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	240796	44.035	ng	98
46) 1,1'-Biphenyl	13.51	154	796042	41.151	ng	100
47) 2-Chloronaphthalene	13.56	162	623914	42.047	ng	99
48) 2-Nitroaniline	13.78	65	211824	42.321	ng	96
49) Acenaphthylene	14.40	152	992233	39.439	ng	99
50) Dimethylphthalate	14.13	163	783742	40.903	ng	99
51) 2,6-Dinitrotoluene	14.26	165	185289	43.067	ng	98
52) Acenaphthene	14.74	154	585982	40.648	ng	98
53) 3-Nitroaniline	14.60	138	191454	42.039	ng	97
54) 2,4-Dinitrophenol	14.80	184	222361	97.182	ng	94
55) Dibenzofuran	15.08	168	959156	41.406	ng	99
56) 4-Nitrophenol	14.90	139	309997	84.339	ng	97
57) 2,4-Dinitrotoluene	15.05	165	263565	44.088	ng	99
58) Fluorene	15.73	166	750488	41.208	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	216321	43.593	ng	98
60) Diethylphthalate	15.49	149	815285	41.580	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	410294	42.146	ng	99
62) 4-Nitroaniline	15.77	138	215071	44.005	ng	99
63) Azobenzene	16.01	77	746345	40.354	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	161540	49.654	ng	97
66) n-Nitrosodiphenylamine	15.93	169	695236	41.029	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	271913	41.727	ng	98
68) Hexachlorobenzene	16.72	284	278177	42.456	ng	98
69) Atrazine	16.87	200	221426	35.128	ng	98
70) Pentachlorophenol	17.07	266	299728	79.125	ng	97
71) Phenanthrene	17.47	178	1241689	40.796	ng	99
72) Anthracene	17.56	178	1261270	41.401	ng	98
73) Carbazole	17.84	167	1203021	41.726	ng	99
74) Di-n-butylphthalate	18.36	149	1409261	41.236	ng	99
75) Fluoranthene	19.47	202	1530890	42.476	ng	97
77) Benzidine	19.66	184	931476	42.670	ng	99
78) Pyrene	19.84	202	1537218	38.668	ng	96
80) Butylbenzylphthalate	20.70	149	709200	41.690	ng	98
81) Benzo(a)anthracene	21.68	228	1540937	41.384	ng	96
82) 3,3'-Dichlorobenzidine	21.60	252	592976	41.864	ng	100
83) Chrysene	21.75	228	1444428	40.364	ng	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	1003290	41.259	ng	99
85) Di-n-octyl phthalate	22.76	149	1721825	41.560	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1853028	42.338	ng	100
88) Benzo(b)fluoranthene	23.93	252	1609885	44.666	ng	98
89) Benzo(k)fluoranthene	24.00	252	1526688	46.060	ng	98
90) Benzo(a)pyrene	24.83	252	1573622	46.532	ng	98
91) Dibenzo(a,h)anthracene	28.81	278	1520511	48.411	ng	98
92) Benzo(g,h,i)perylene	29.94	276	1540383	47.721	ng	99

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

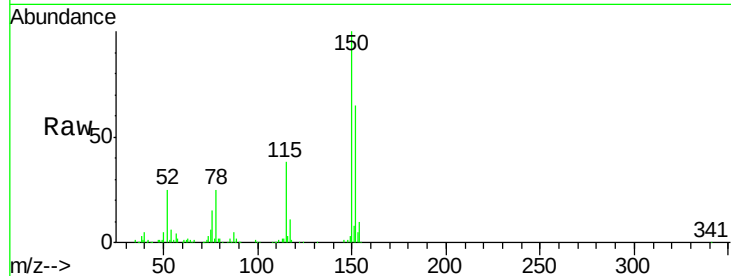


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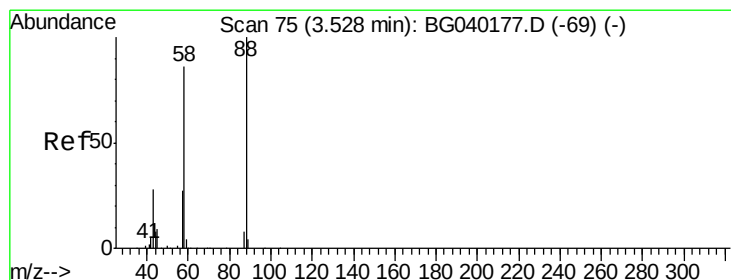
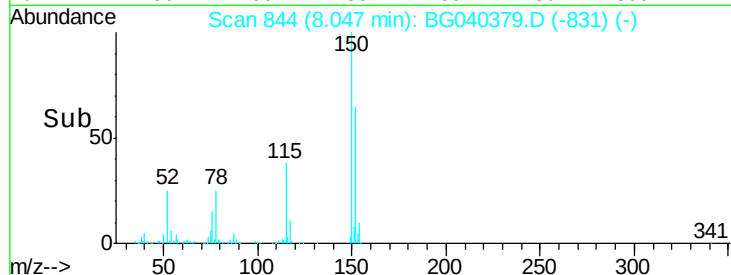
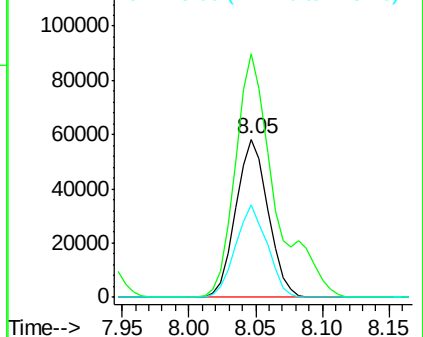
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Instrument :
BNA_G
ClientSampleId :
PB118645BS

Tot Ion:152 Resp: 97773
Ion Ratio Lower Upper
152 100
150 153.7 123.7 185.5
115 58.9 46.9 70.3



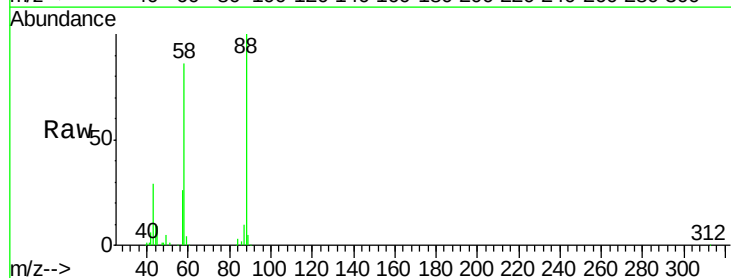
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



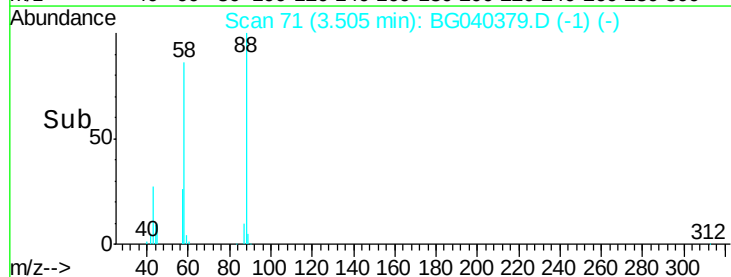
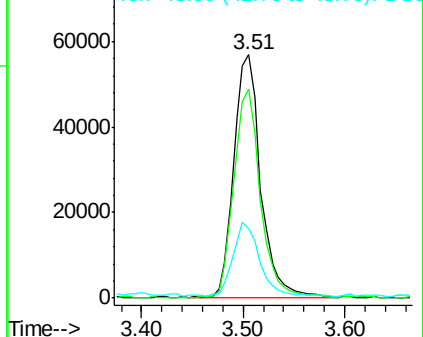
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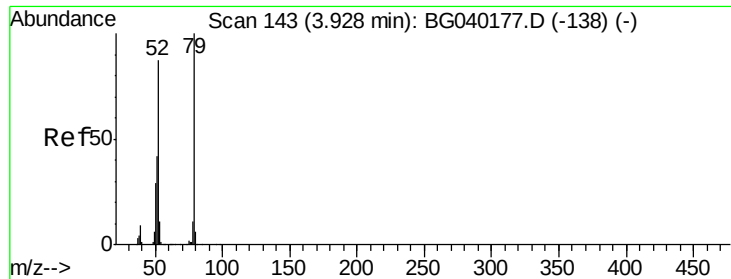
1,4-Dioxane
Concen: 38.087 ng
RT: 3.51 min Scan# 71
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion: 88 Resp: 105331
Ion Ratio Lower Upper
88 100
58 85.2 70.6 106.0
43 29.6 24.8 37.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.096 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

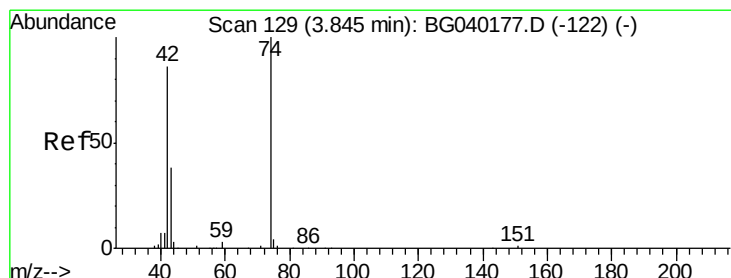
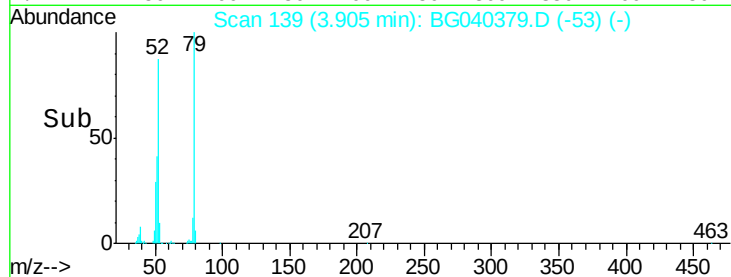
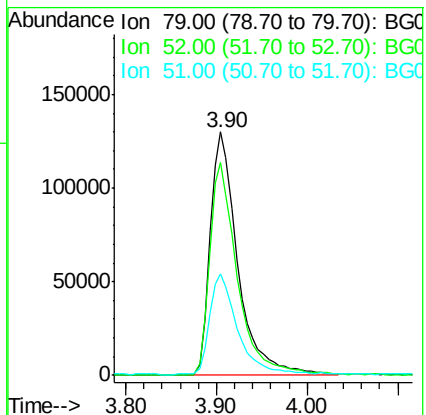
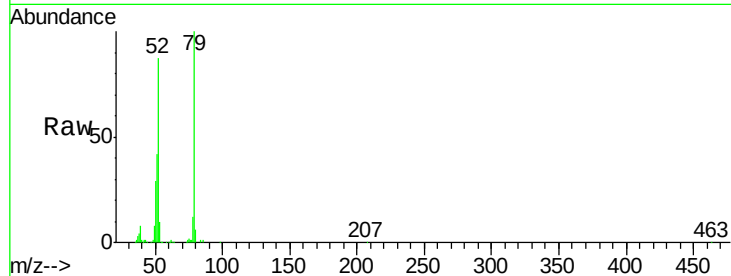
Tot Ion: 79 Resp: 276215

Ion Ratio Lower Upper

79 100

52 87.4 69.8 104.8

51 41.6 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 38.529 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

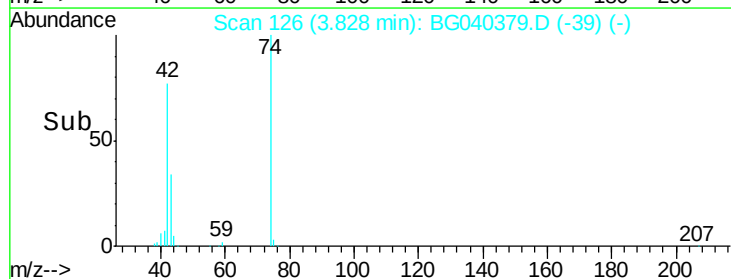
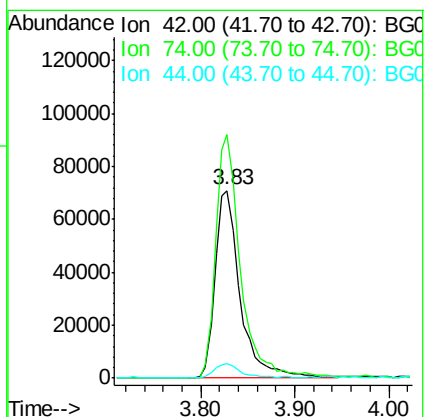
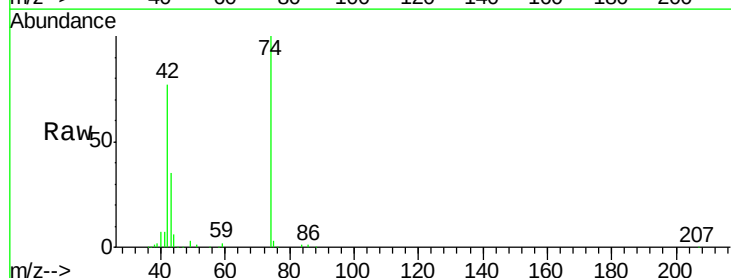
Tgt Ion: 42 Resp: 132705

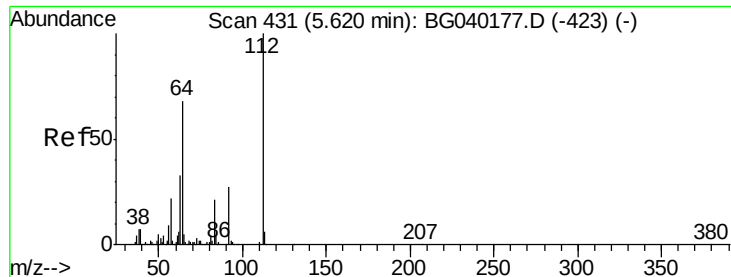
Ion Ratio Lower Upper

42 100

74 129.7 92.9 139.3

44 7.9 9.7 14.5#





#5

2-Fluorophenol

Concen: 76.951 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

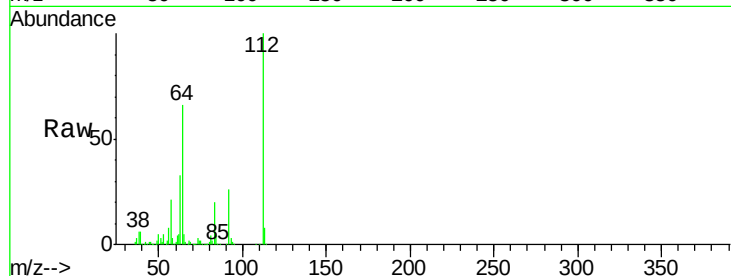
Tot Ion: 112 Resp: 452581

Ion Ratio Lower Upper

112 100

64 66.3 54.2 81.2

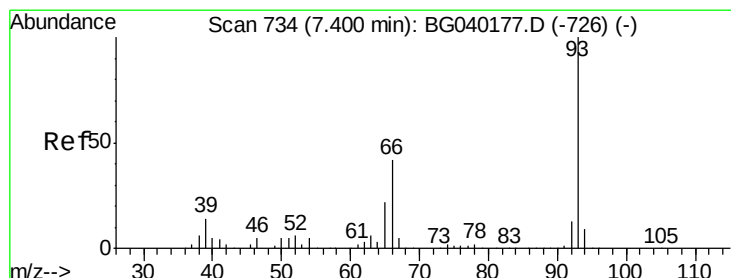
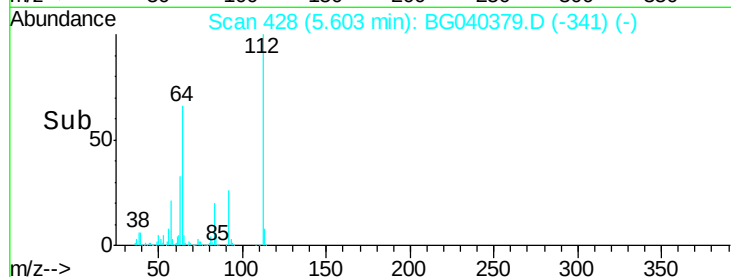
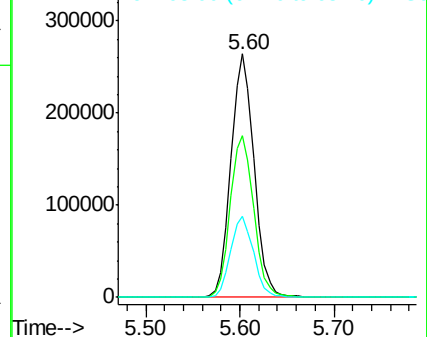
63 33.4 26.4 39.6



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: 38.452 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

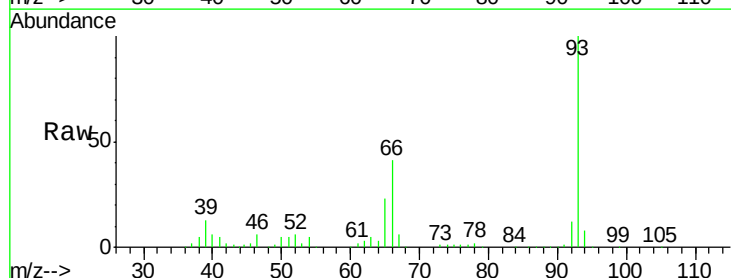
Tgt Ion: 93 Resp: 406066

Ion Ratio Lower Upper

93 100

66 41.1 33.6 50.4

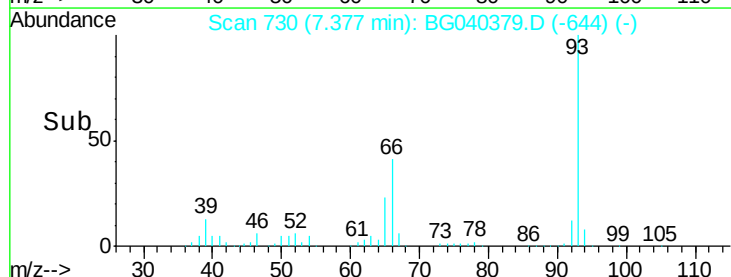
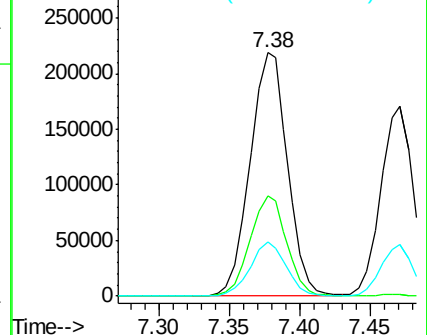
65 22.5 17.4 26.2

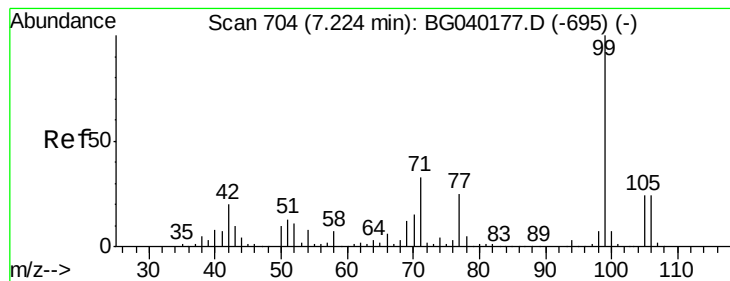


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.558 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

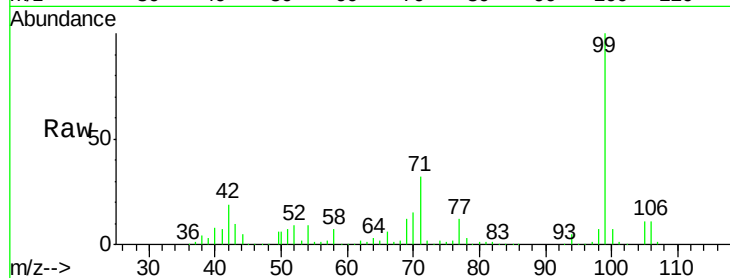
Tot Ion: 99 Resp: 638537

Ion Ratio Lower Upper

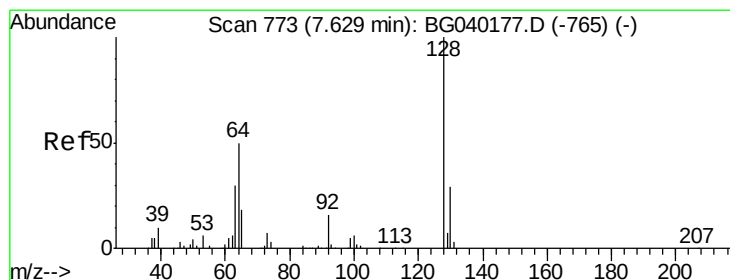
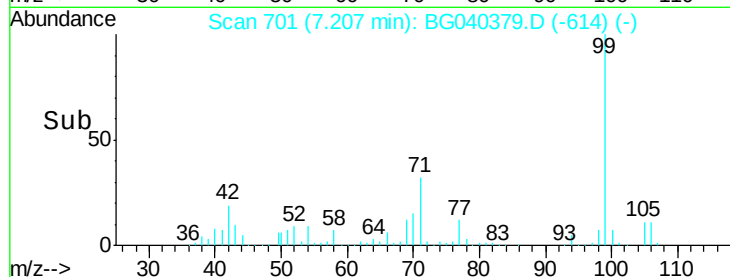
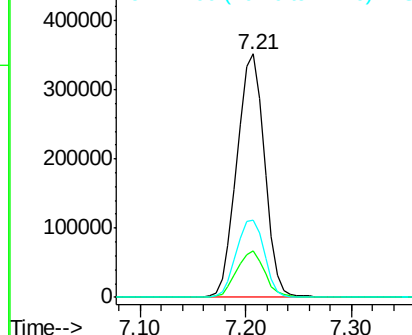
99 100

42 19.0 16.2 24.2

71 31.8 26.8 40.2



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: 39.028 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

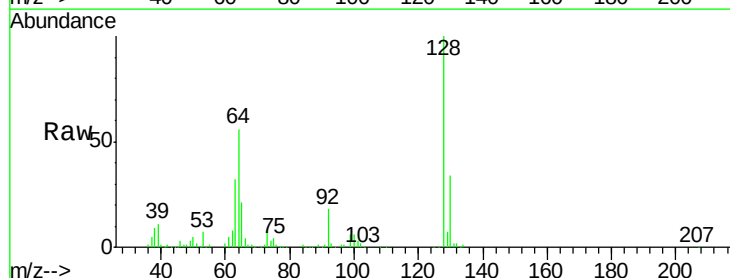
Tgt Ion: 128 Resp: 268700

Ion Ratio Lower Upper

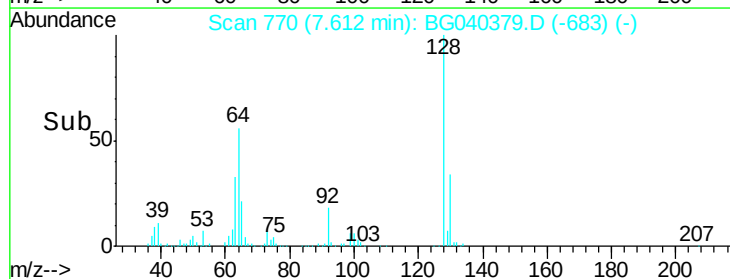
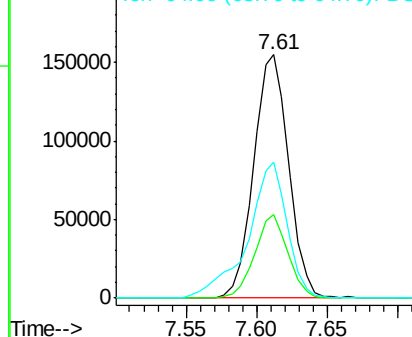
128 100

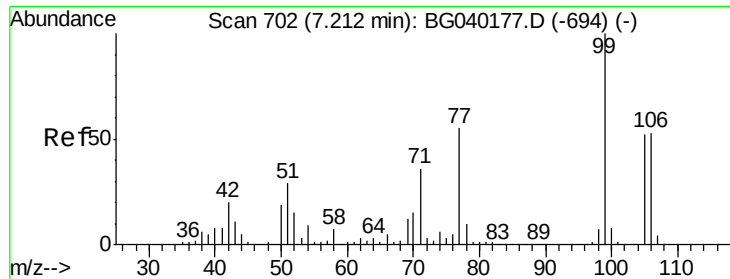
130 34.1 9.1 49.1

64 55.7 33.1 73.1



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

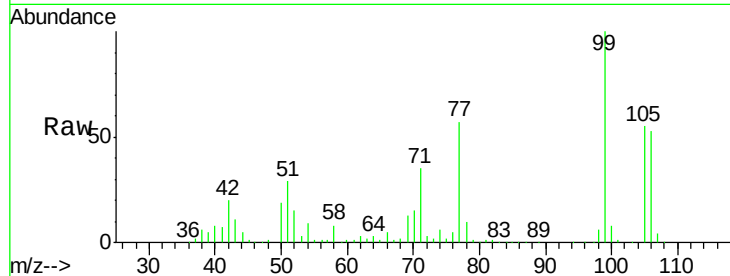




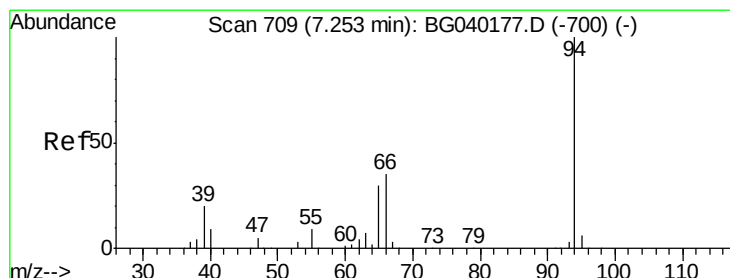
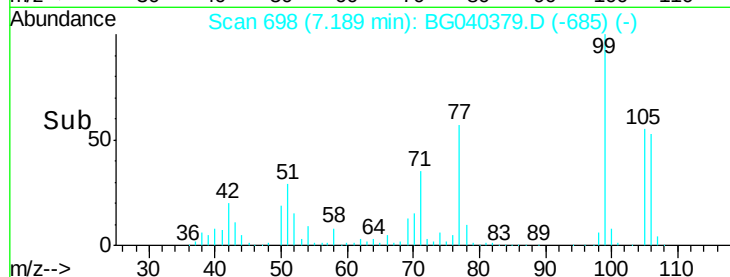
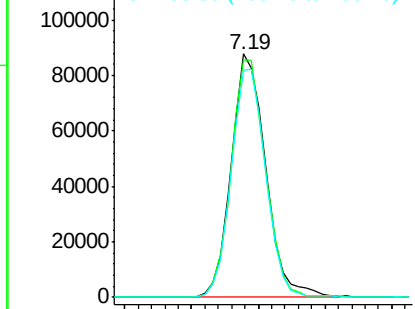
#9
Benzaldehyde
Concen: 28.360 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Instrument :
BNA_G
ClientSampleId :
PB118645BS

Tot Ion: 77 Resp: 158120
Ion Ratio Lower Upper
77 100
105 97.2 75.0 115.0
106 93.2 75.7 115.7

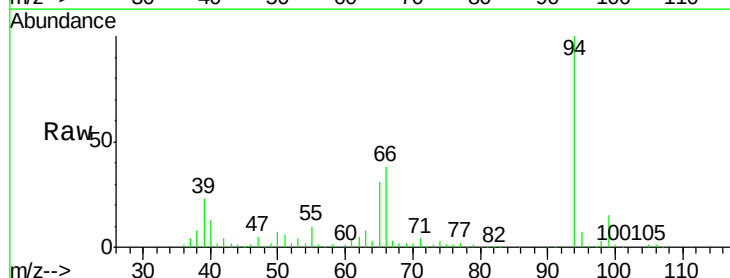


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

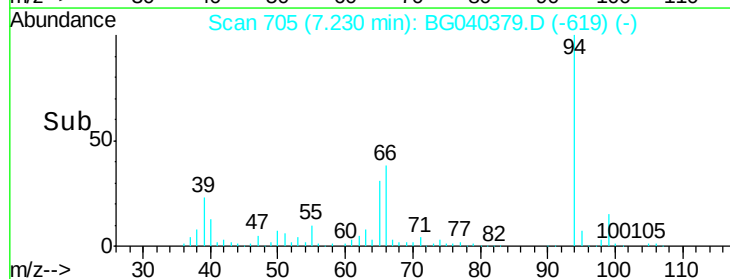
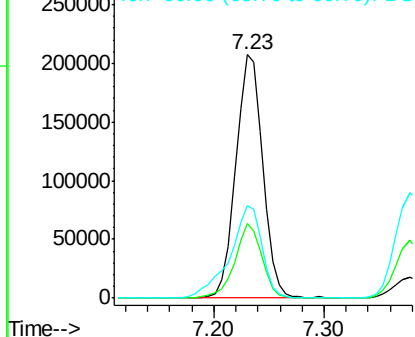


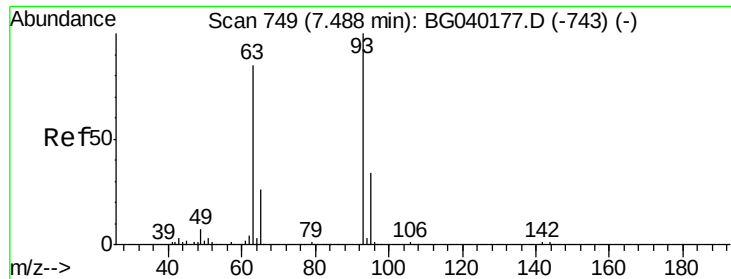
#10
Phenol
Concen: 40.425 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion: 94 Resp: 356646
Ion Ratio Lower Upper
94 100
65 30.9 10.5 50.5
66 38.1 16.9 56.9



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

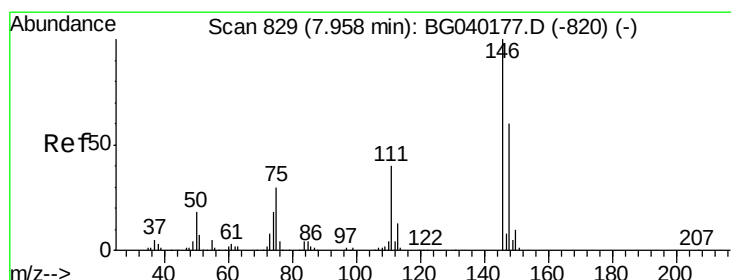
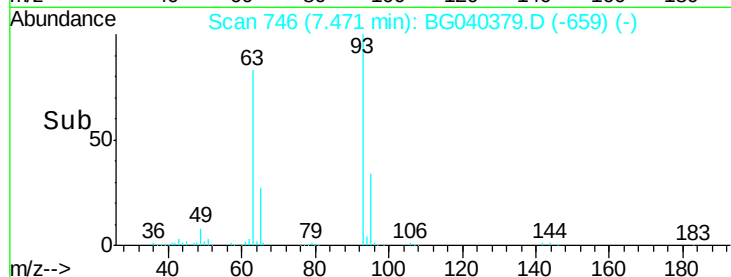
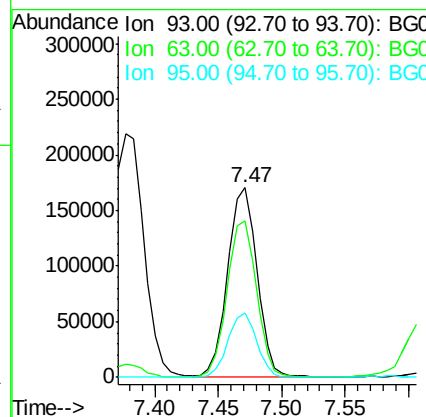
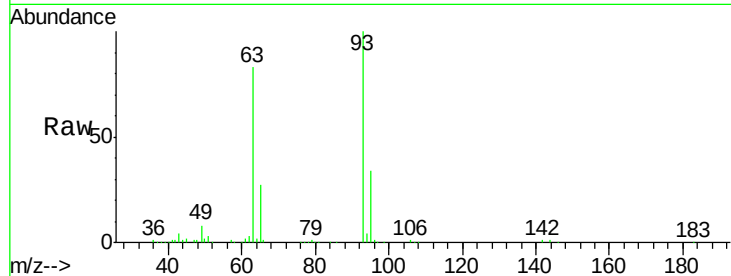




#11
 bis(2-Chloroethyl)ether
 Concen: 38.979 ng
 RT: 7.47 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BG040379.D
 Acq: 5 Apr 2019 16:25

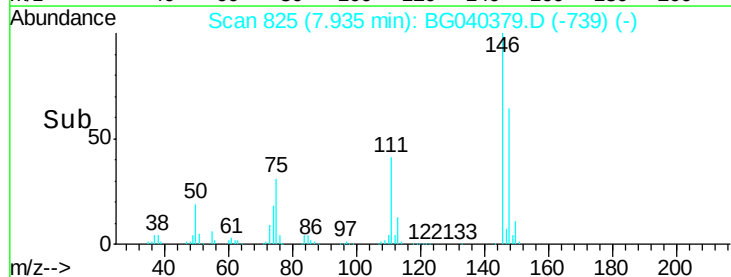
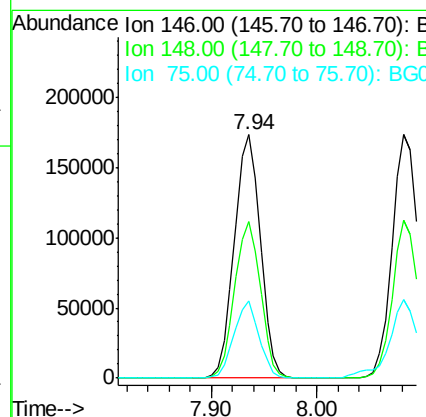
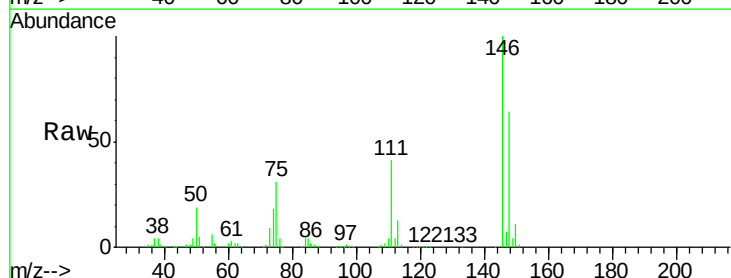
Instrument :
 BNA_G
 ClientSampleId :
 PB118645BS

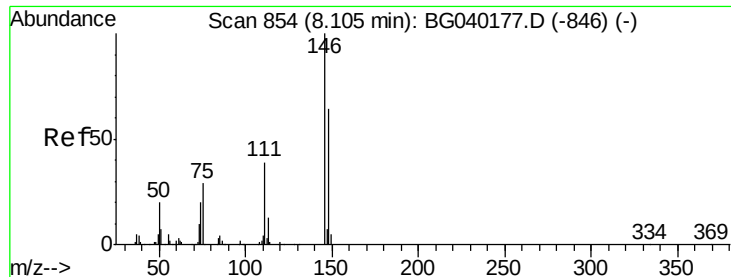
Tot Ion: 93 Resp: 275439
 Ion Ratio Lower Upper
 93 100
 63 82.8 64.2 104.2
 95 34.1 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 39.415 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG040379.D
 Acq: 5 Apr 2019 16:25

Tgt Ion: 146 Resp: 294989
 Ion Ratio Lower Upper
 146 100
 148 64.4 48.2 72.2
 75 31.5 24.1 36.1

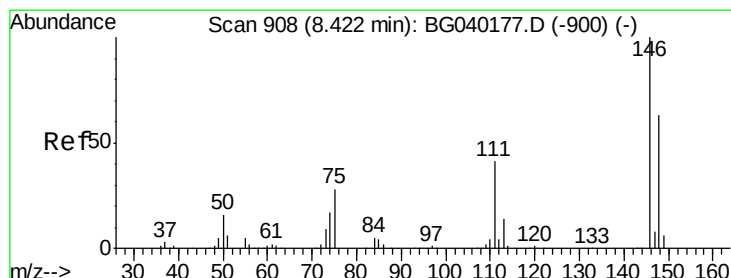
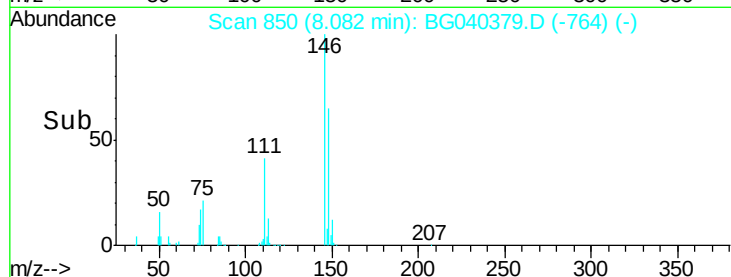
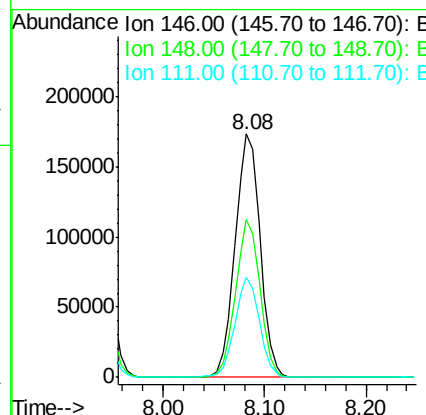
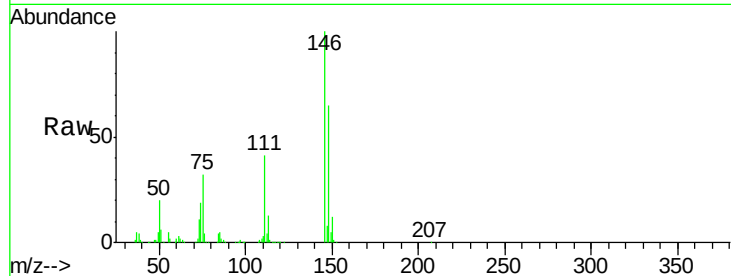




#13
 1,4-Dichlorobenzene
 Concen: 39.725 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040379.D
 Acq: 5 Apr 2019 16:25

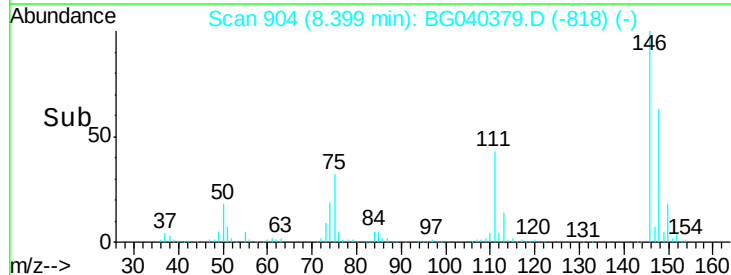
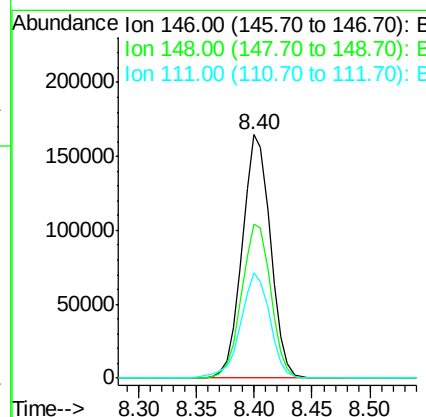
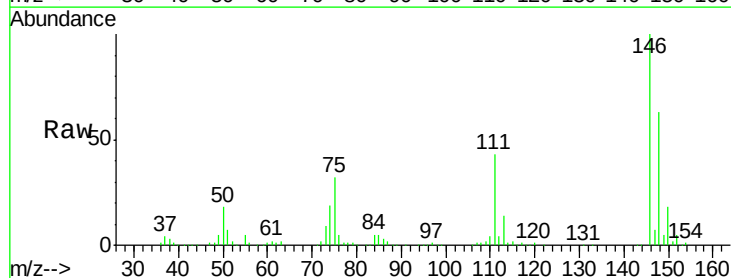
Instrument :
 BNA_G
 ClientSampleId :
 PB118645BS

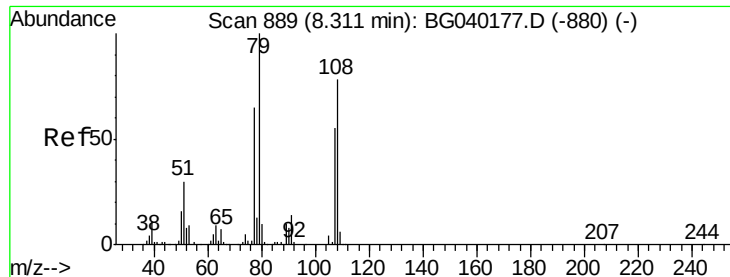
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.4
111	41.3	31.8	47.6



#14
 1,2-Dichlorobenzene
 Concen: 39.217 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040379.D
 Acq: 5 Apr 2019 16:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	43.3	33.4	50.0





#15

Benzyl Alcohol

Concen: 38.180 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

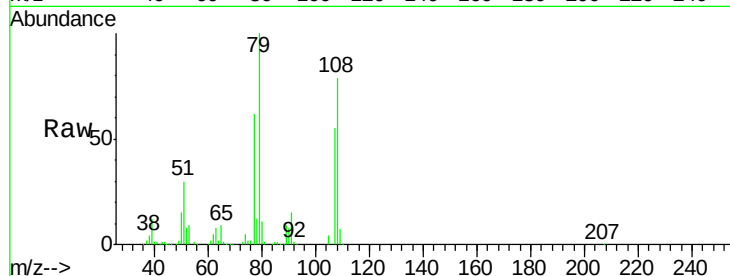
Tot Ion: 79 Resp: 249927

Ion Ratio Lower Upper

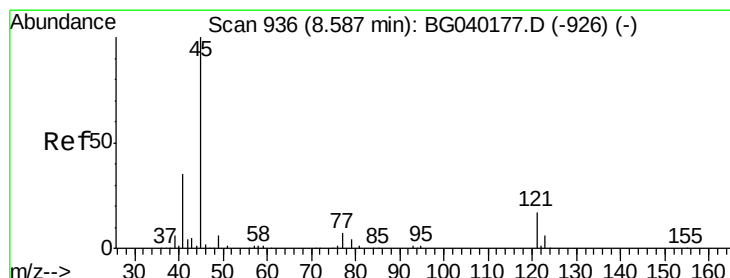
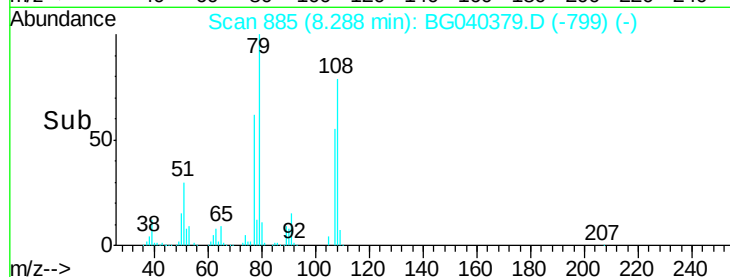
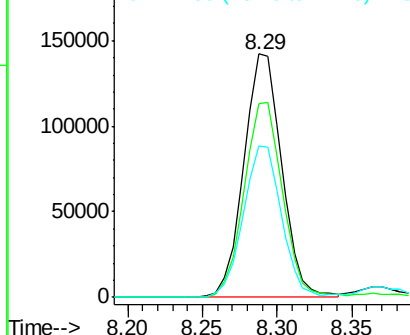
79 100

108 79.4 62.1 93.1

77 62.0 51.9 77.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.628 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

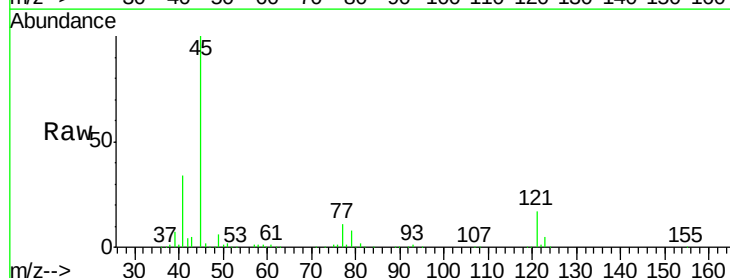
Tgt Ion: 45 Resp: 510298

Ion Ratio Lower Upper

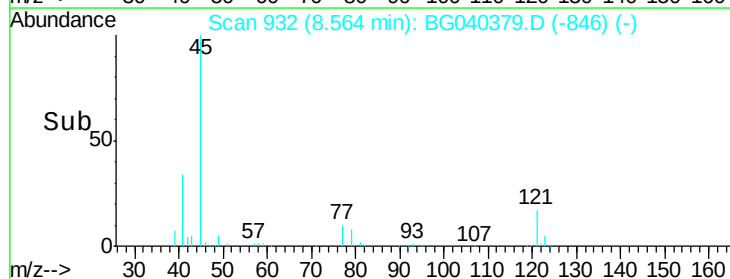
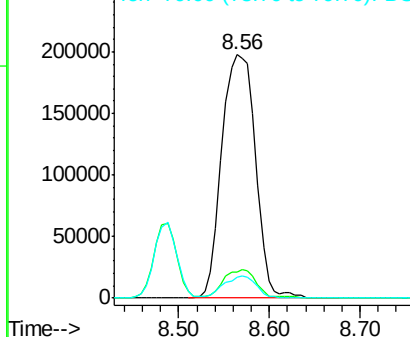
45 100

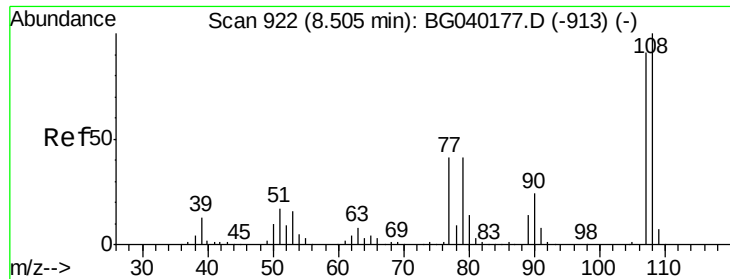
77 10.9 0.0 31.4

79 8.4 0.0 28.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.551 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

Tot Ion:107 Resp: 241457

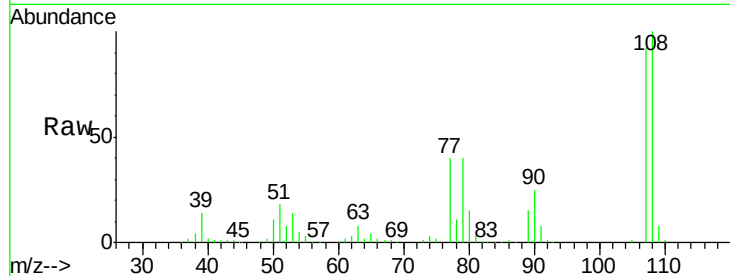
Ion Ratio Lower Upper

107 100

108 108.1 88.2 132.4

77 42.7 36.6 55.0

79 43.3 36.5 54.7

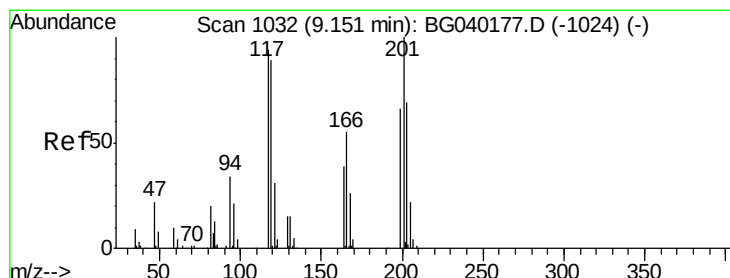
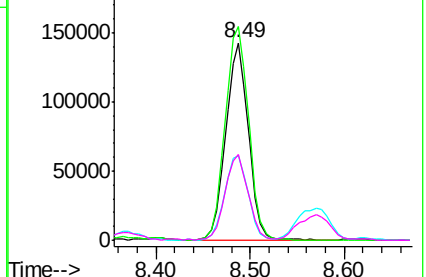
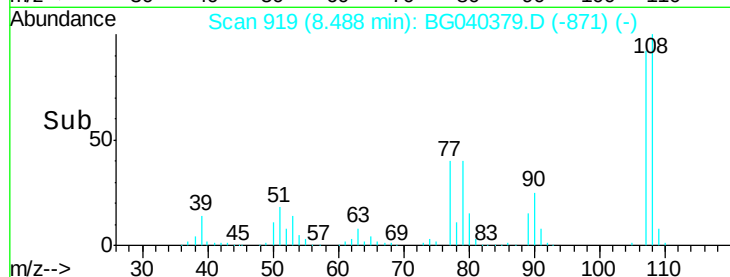


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.361 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

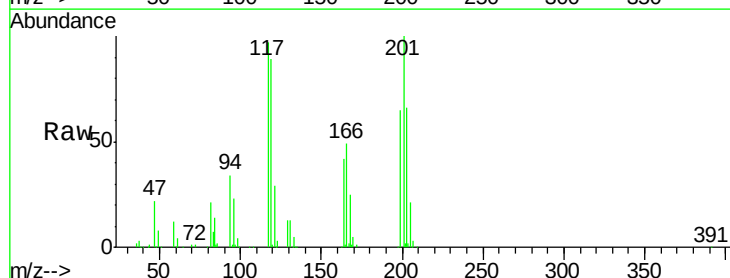
Tgt Ion:117 Resp: 108767

Ion Ratio Lower Upper

117 100

119 91.9 76.6 115.0

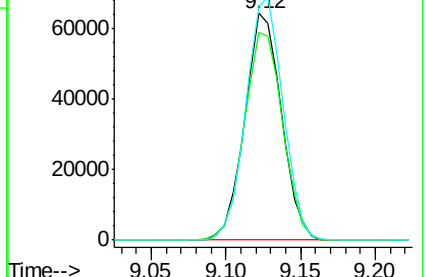
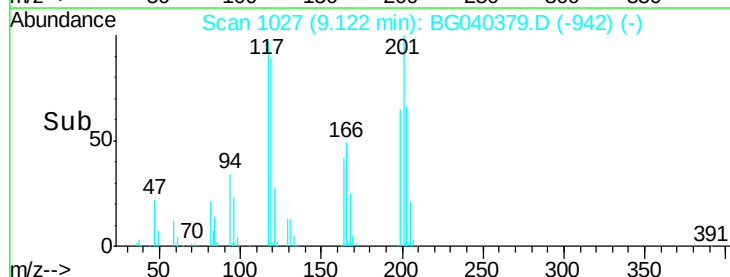
201 103.2 85.0 127.4

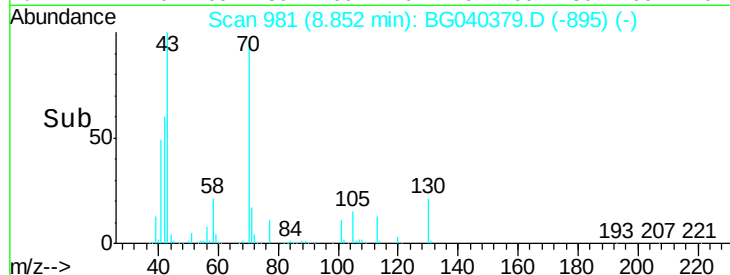
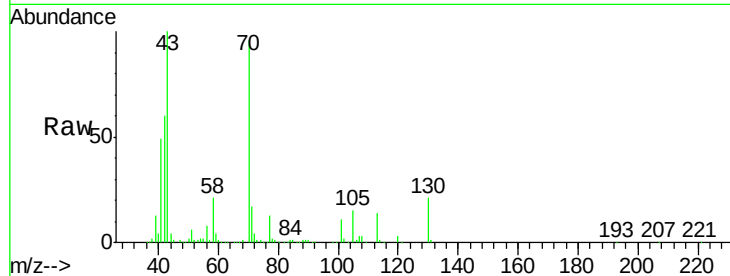
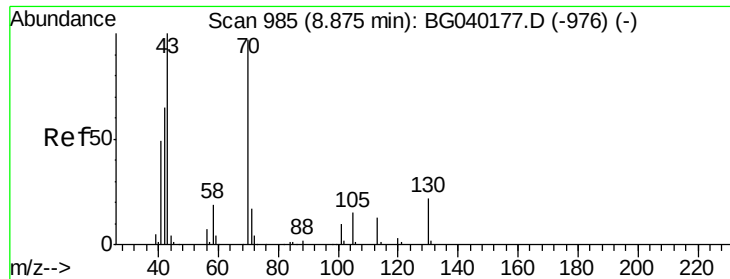


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

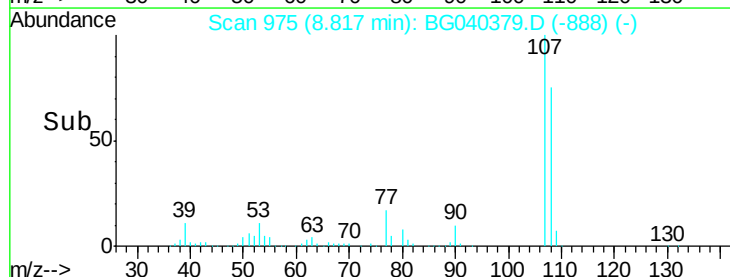
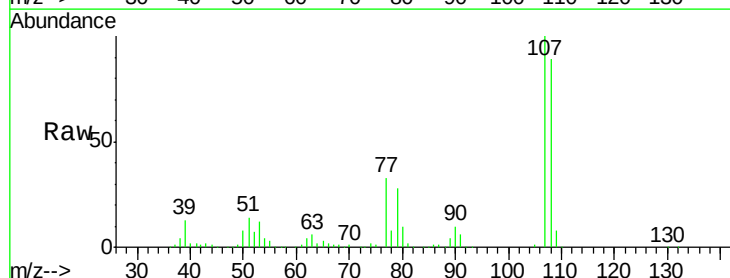
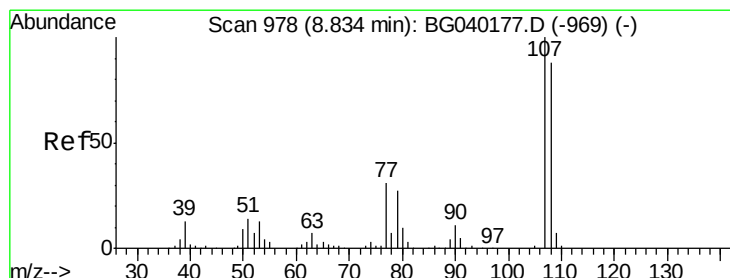
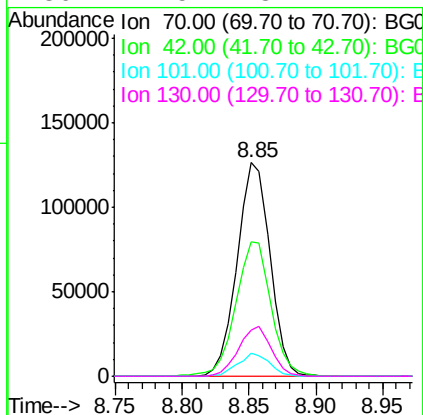




#19
n-Nitroso-di-n-propylamine
Concen: 36.950 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

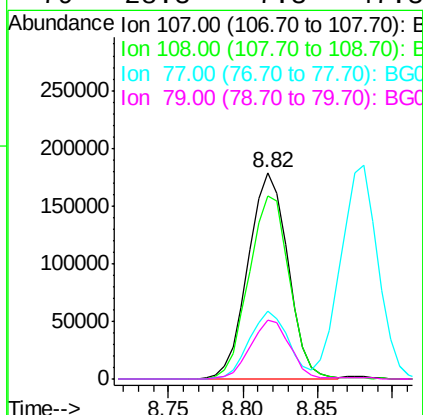
Instrument :
BNA_G
ClientSampleId :
PB118645BS

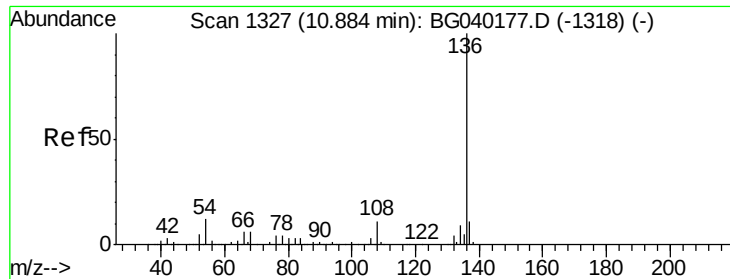
Tot Ion:	70	Resp:	215335
Ion	Ratio	Lower	Upper
70	100		
42	62.8	54.0	81.0
101	11.0	8.6	13.0
130	21.5	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.926 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion:	107	Resp:	330204
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.3	108.3
77	33.1	11.3	51.3
79	28.3	7.3	47.3

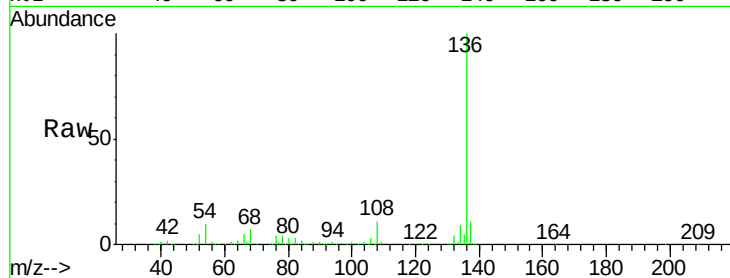




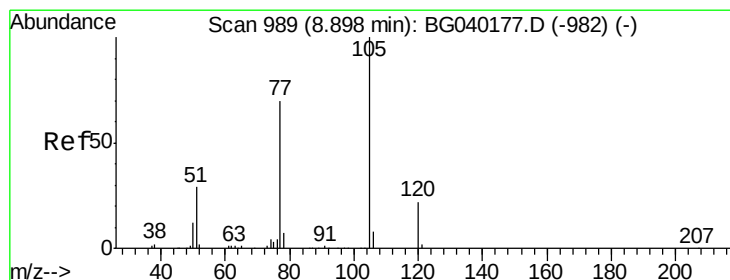
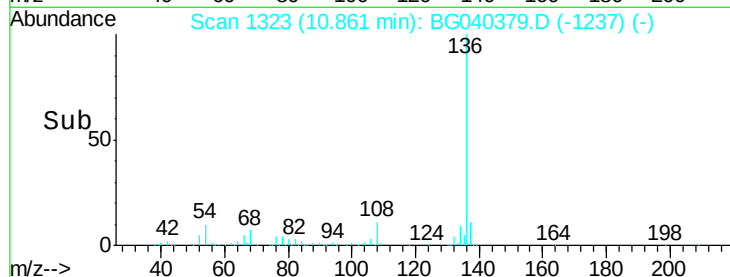
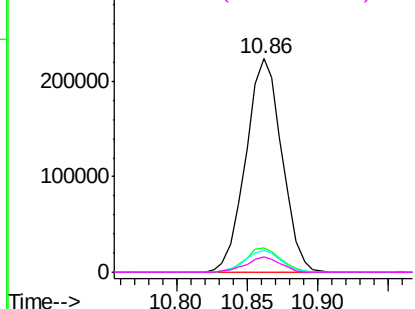
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Instrument :
BNA_G
ClientSampleId :
PB118645BS

Tot Ion:136	Resp:	400208
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	10.3	9.6 14.4
68	7.1	5.1 7.7

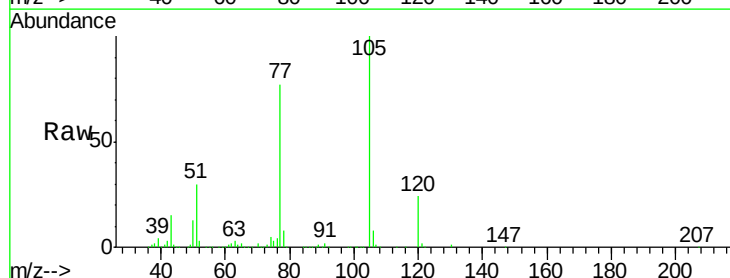


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

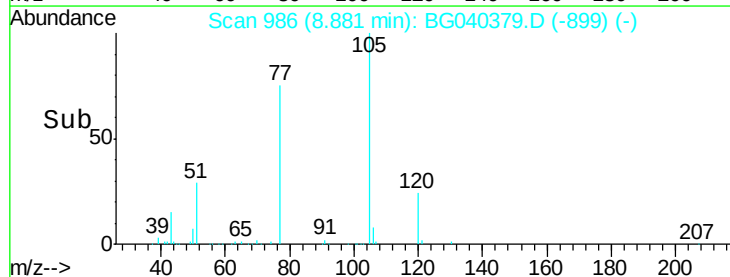
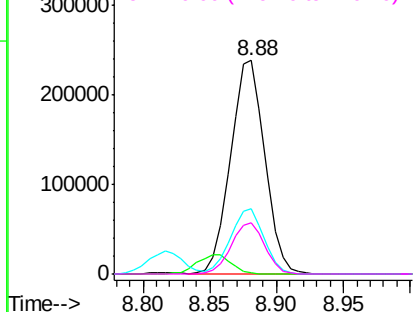


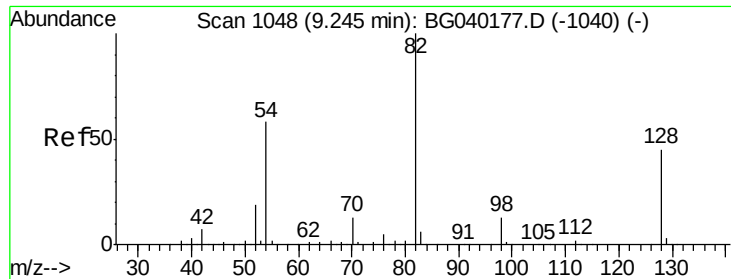
#22
Acetophenone
Concen: 42.785 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion:105	Resp:	427127
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	30.4	25.1 37.7
120	23.8	17.6 26.4



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

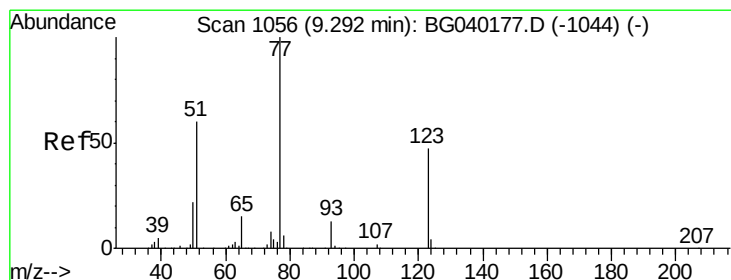
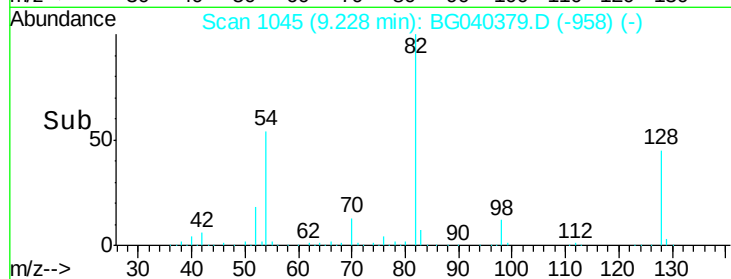
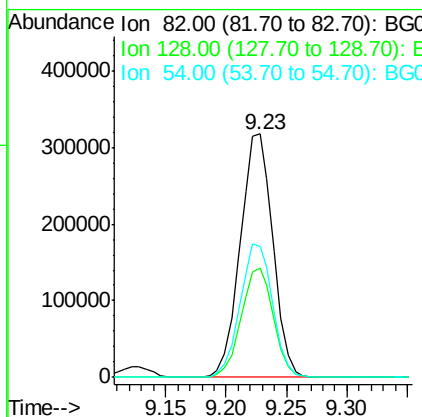
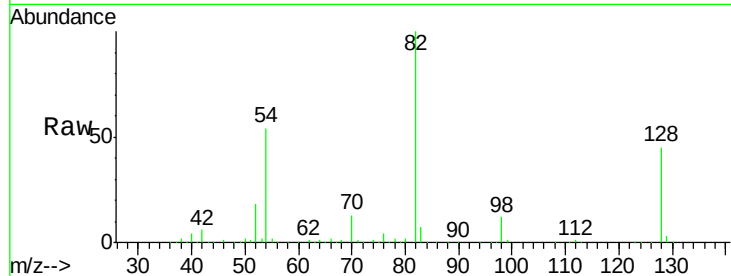




#23
Nitrobenzene-d5
Concen: 79.259 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

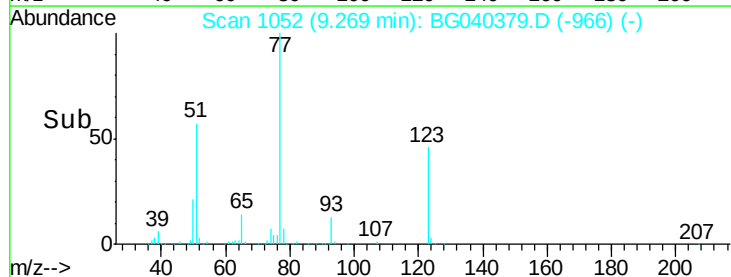
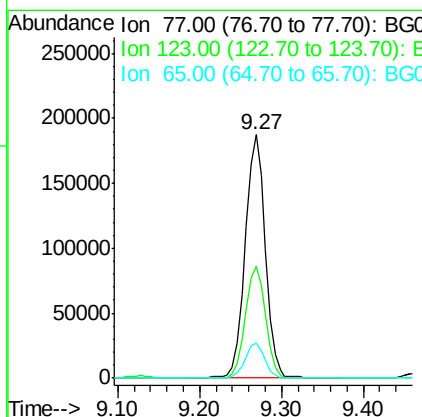
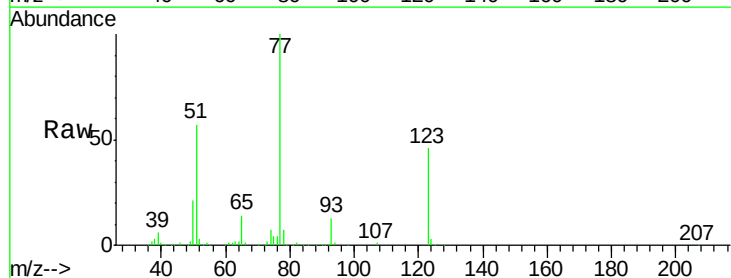
Instrument :
BNA_G
ClientSampleId :
PB118645BS

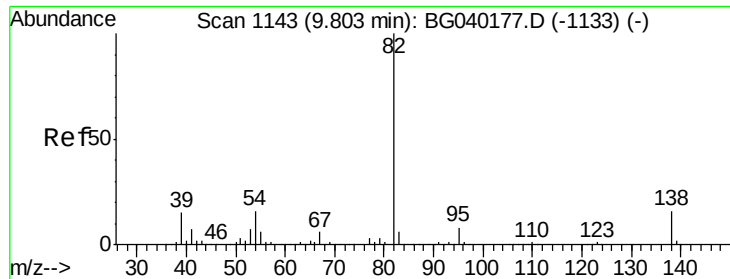
Tot Ion: 82 Resp: 596767
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.8
54 53.5 46.2 69.2



#24
Nitrobenzene
Concen: 41.015 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion: 77 Resp: 319789
Ion Ratio Lower Upper
77 100
123 46.0 37.8 56.6
65 14.3 12.0 18.0





#25

Isophorone

Concen: 40.021 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

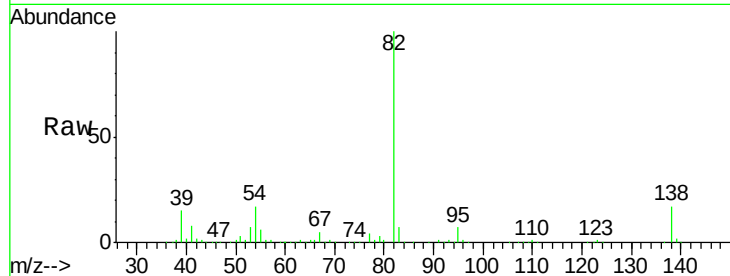
Tot Ion: 82 Resp: 620003

Ion Ratio Lower Upper

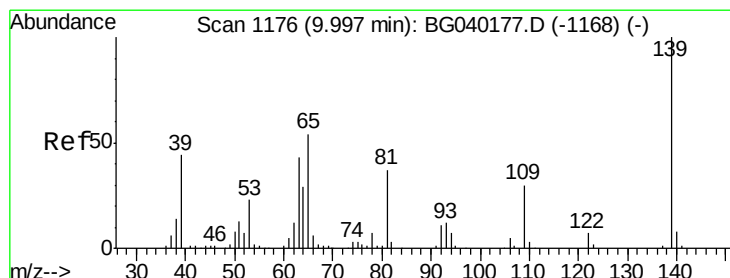
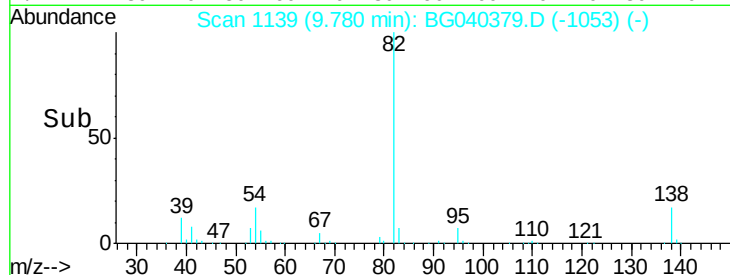
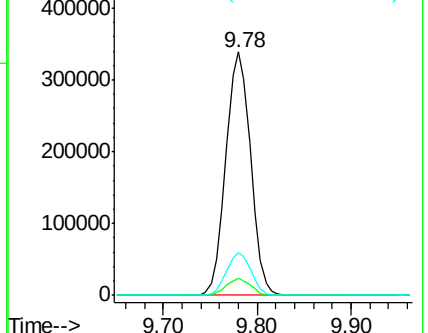
82 100

95 7.0 6.1 9.1

138 17.3 13.2 19.8



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



#26

2-Nitrophenol

Concen: 42.947 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

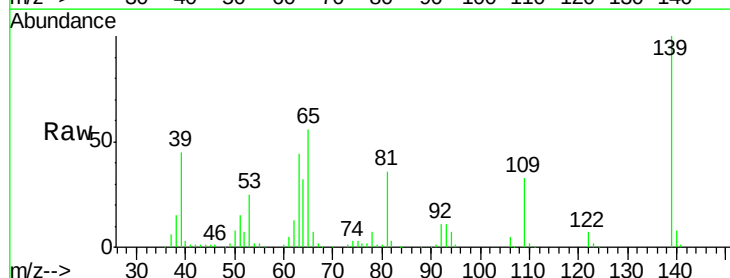
Tgt Ion: 139 Resp: 158664

Ion Ratio Lower Upper

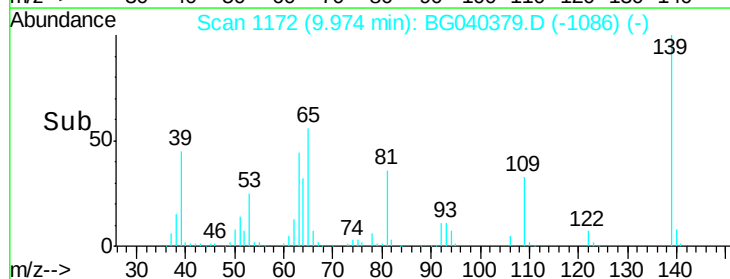
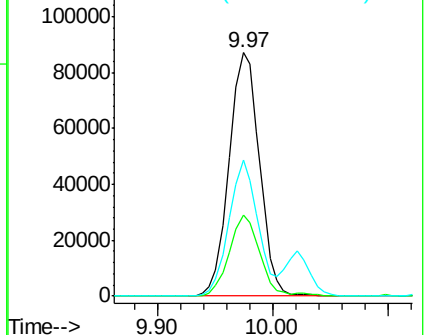
139 100

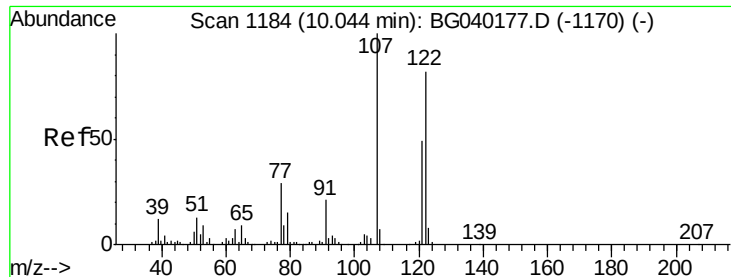
109 33.3 24.1 36.1

65 55.9 43.0 64.6



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

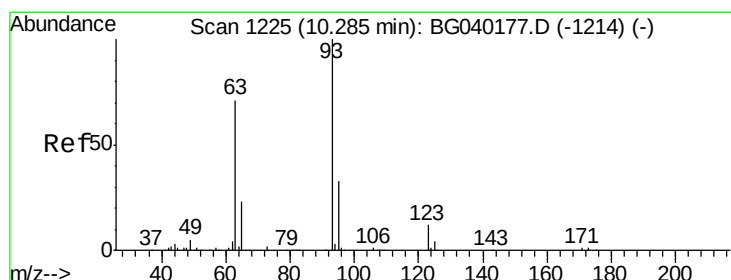
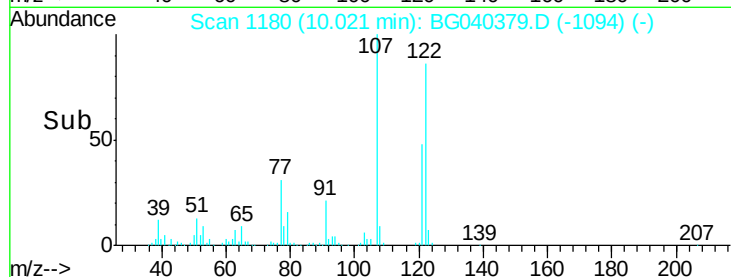
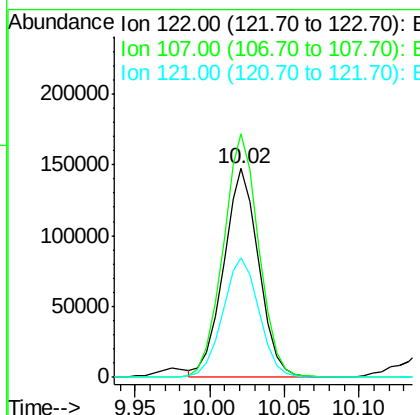
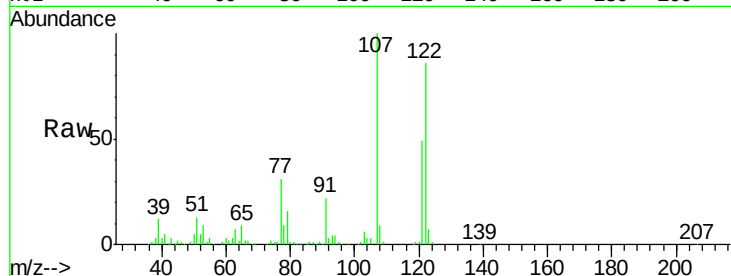




#27
2,4-Dimethylphenol
Concen: 41.248 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

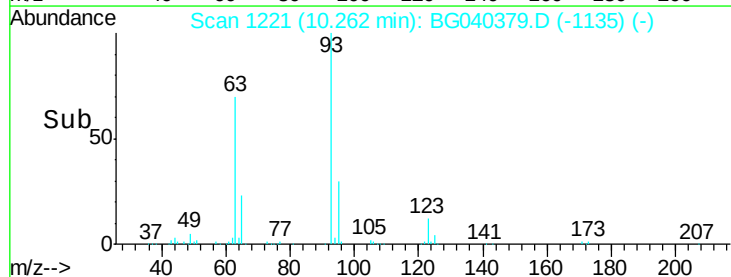
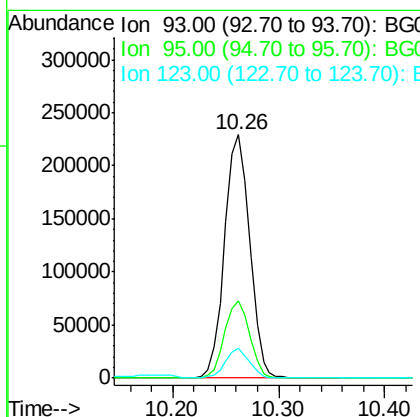
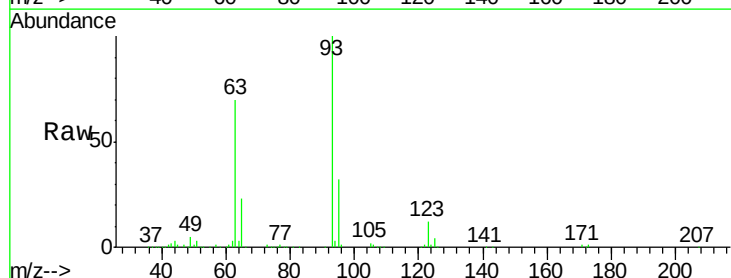
Instrument :
BNA_G
ClientSampleId :
PB118645BS

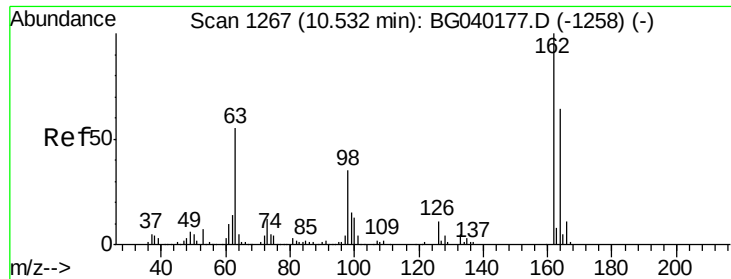
Tot Ion:122 Resp: 242057
Ion Ratio Lower Upper
122 100
107 116.6 97.4 146.2
121 56.9 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 41.260 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion: 93 Resp: 378172
Ion Ratio Lower Upper
93 100
95 31.8 26.2 39.4
123 12.2 9.4 14.0

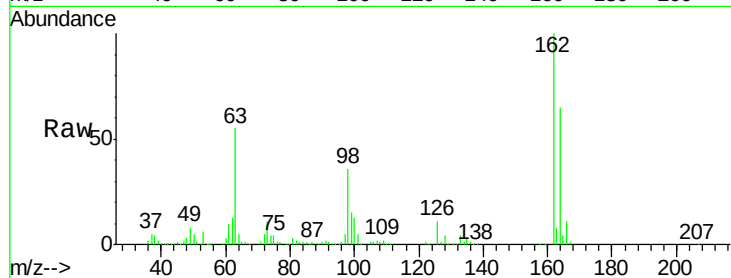




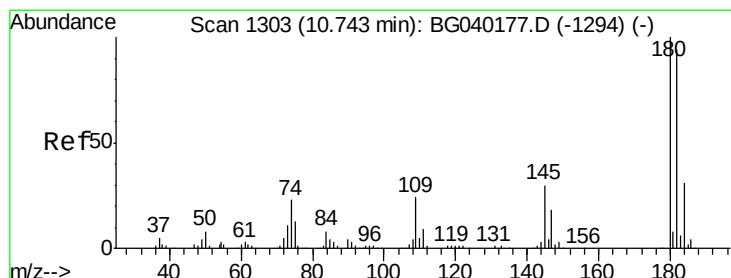
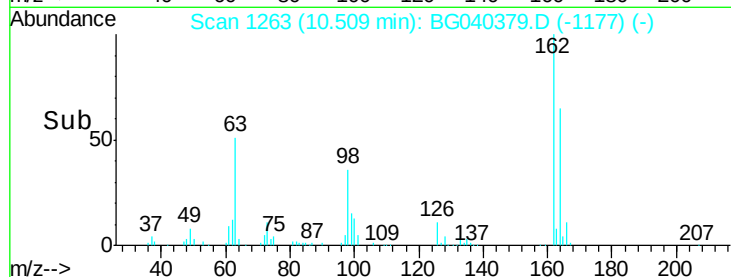
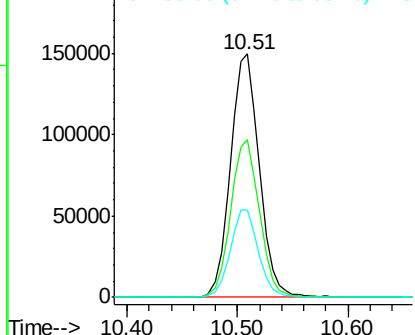
#29
2,4-Dichlorophenol
Concen: 43.043 ng
RT: 10.51 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Instrument :
BNA_G
ClientSampleId :
PB118645BS

Tot Ion:162 Resp: 274170
Ion Ratio Lower Upper
162 100
164 64.7 43.9 83.9
98 35.9 15.6 55.6

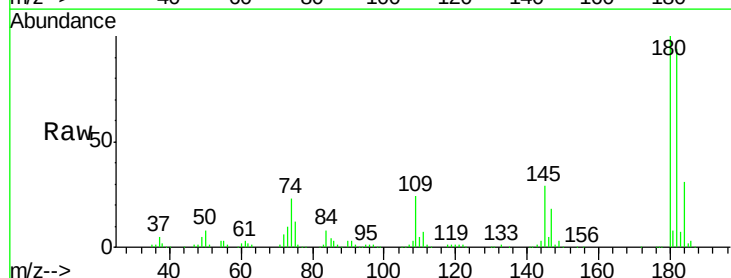


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

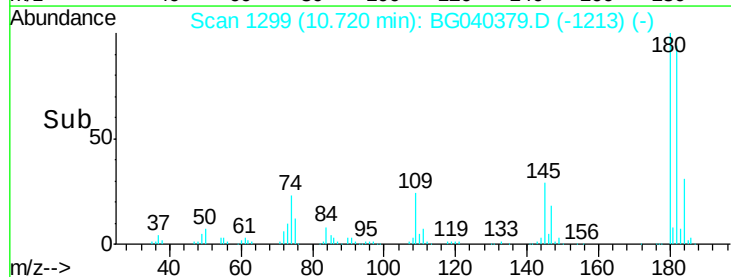
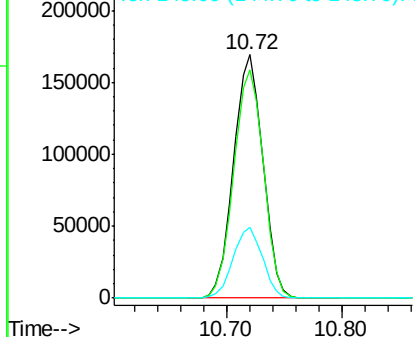


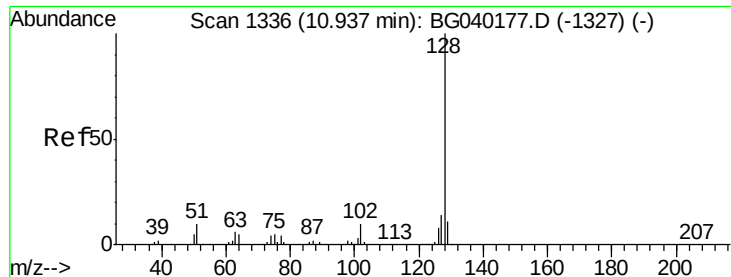
#30
1,2,4-Trichlorobenzene
Concen: 42.521 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion:180 Resp: 297401
Ion Ratio Lower Upper
180 100
182 93.6 75.1 112.7
145 29.3 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

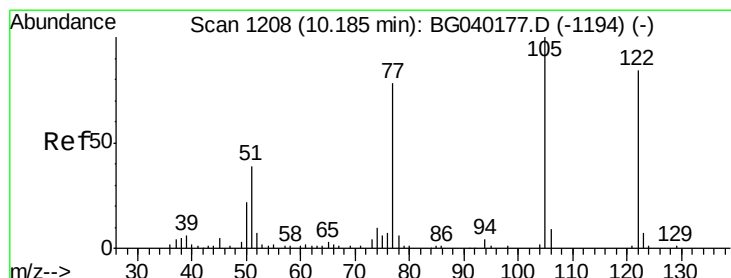
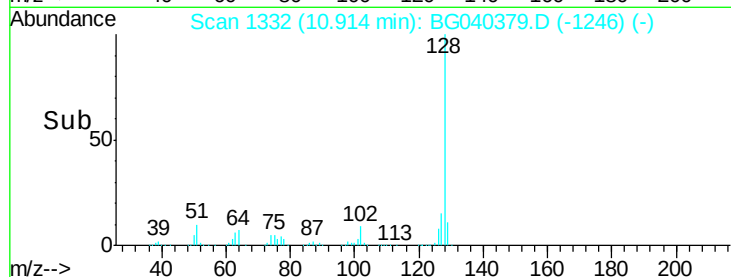
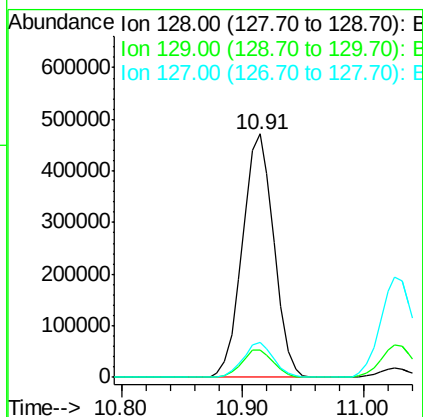
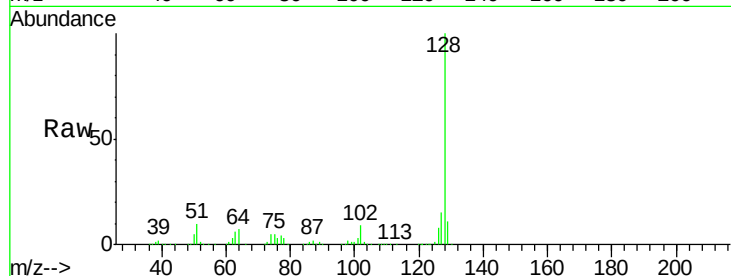




#31
Naphthalene
Concen: 41.572 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

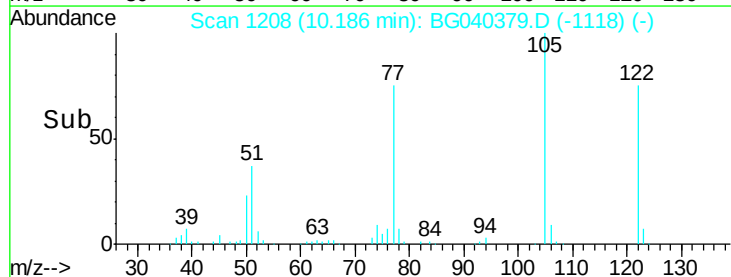
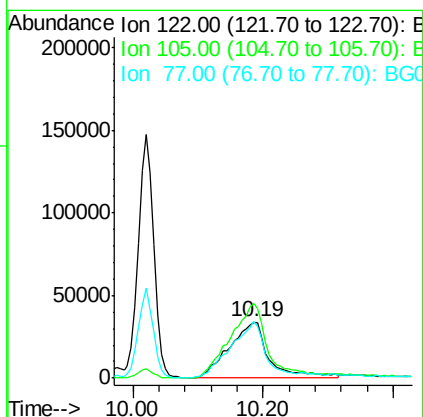
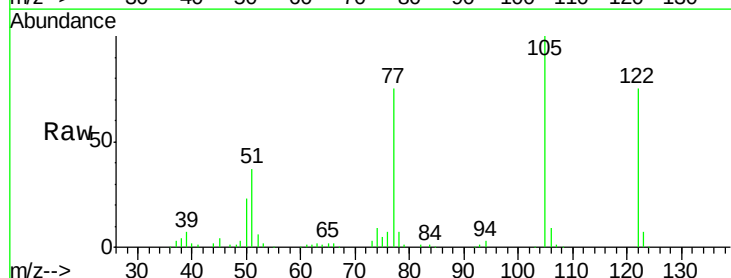
Instrument :
BNA_G
ClientSampleId :
PB118645BS

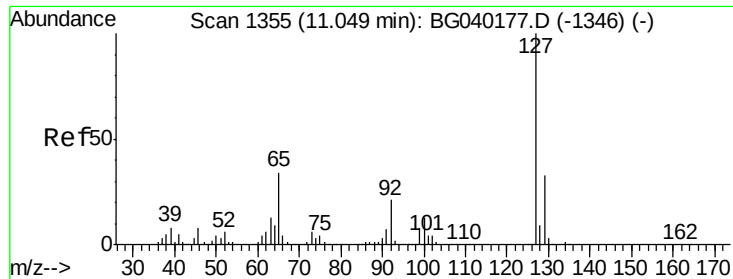
Tot Ion:128 Resp: 852792
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 14.6 11.4 17.0



#32
Benzoic acid
Concen: 39.029 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion:122 Resp: 138383
Ion Ratio Lower Upper
122 100
105 133.7 98.2 138.2
77 100.3 73.6 113.6

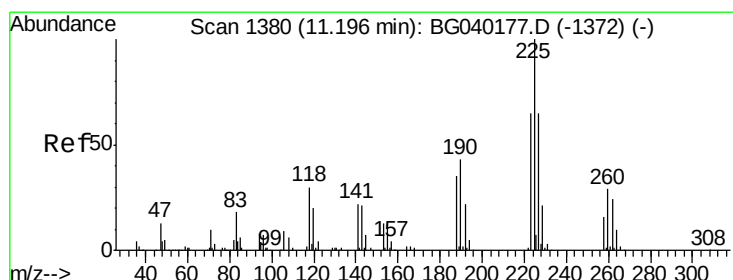
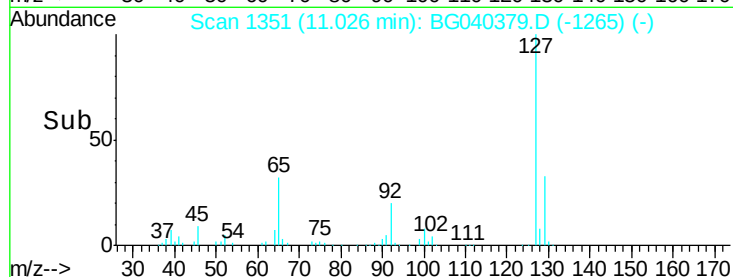
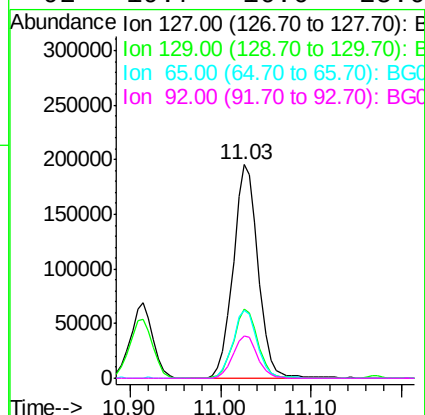
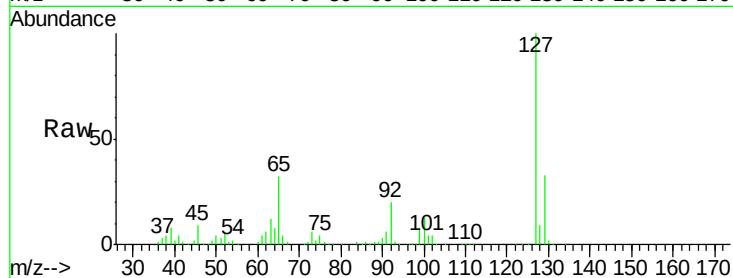




#33
4-Chloroaniline
Concen: 42.702 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

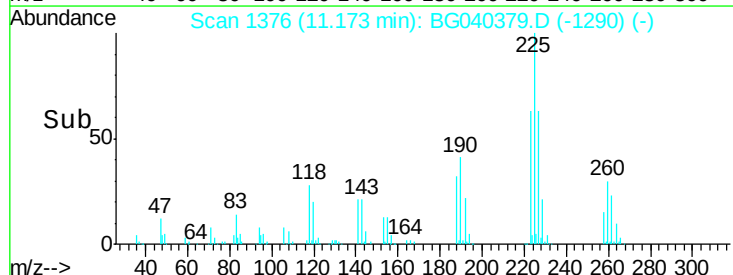
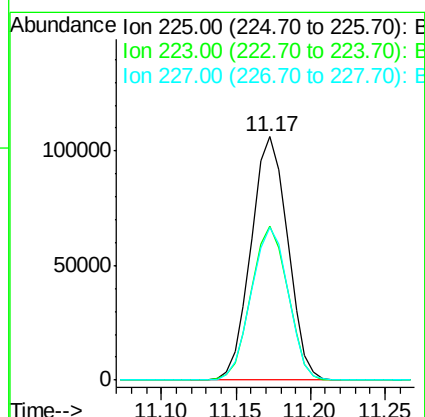
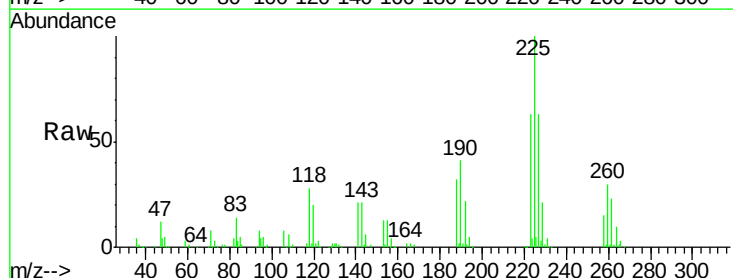
Instrument :
BNA_G
ClientSampleId :
PB118645BS

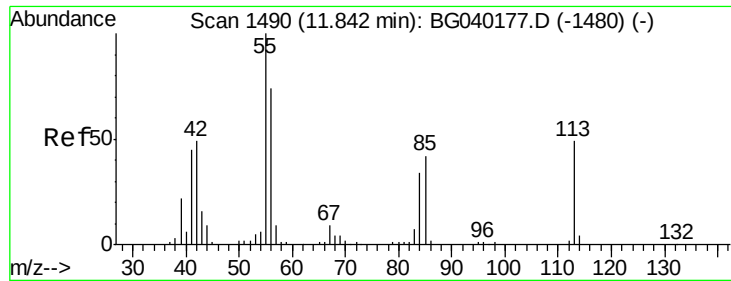
Tot Ion:	127	Resp:	373649
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	31.8	27.0	40.4
92	19.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.276 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion:	225	Resp:	180160
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.8	77.8
227	62.9	54.9	82.3

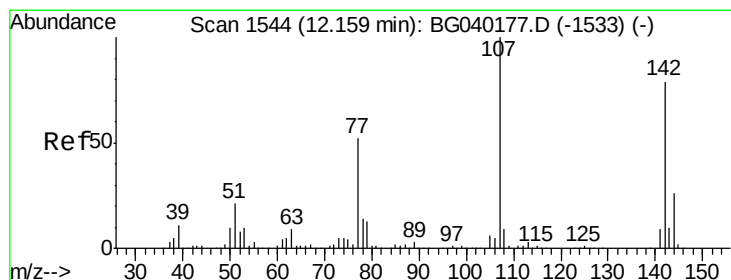
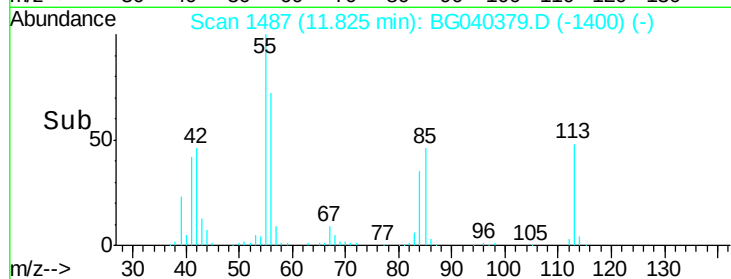
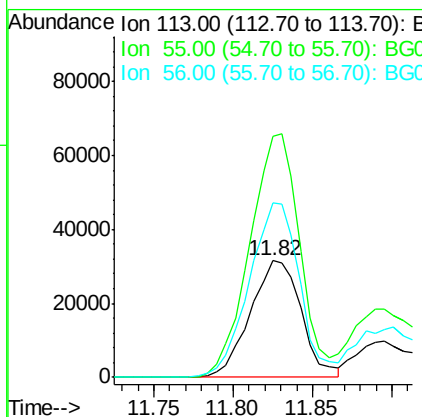
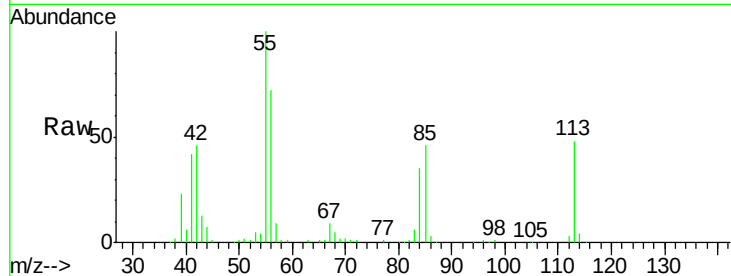




#35
 Caprolactam
 Concen: 27.834 ng
 RT: 11.82 min Scan# 1487
 Delta R.T. -0.02 min
 Lab File: BG040379.D
 Acq: 5 Apr 2019 16:25

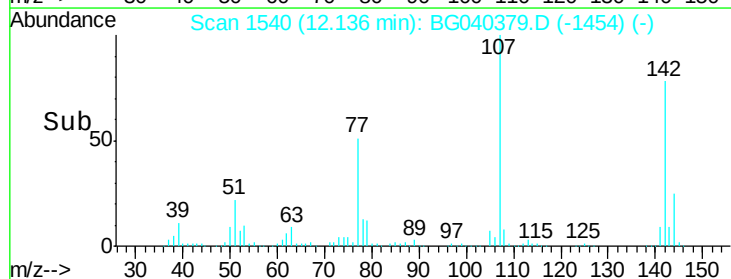
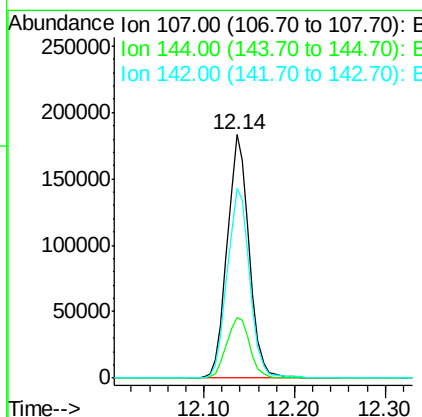
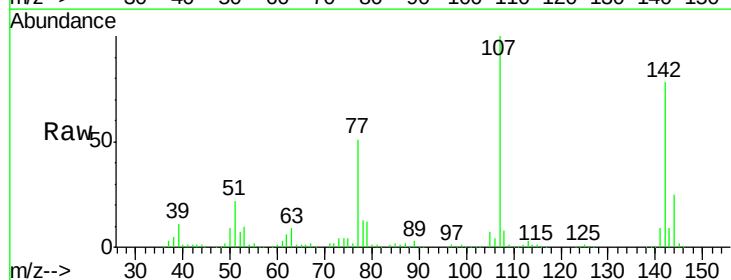
Instrument :
 BNA_G
 ClientSampleId :
 PB118645BS

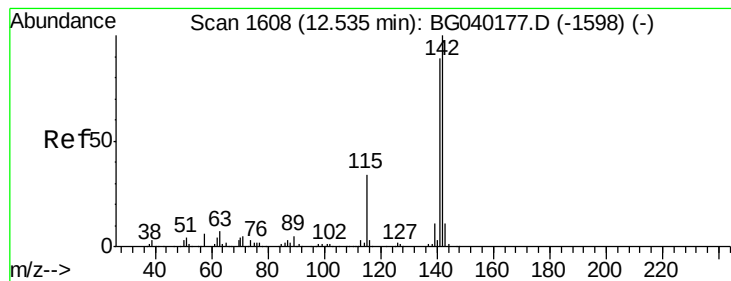
Tot Ion:113 Resp: 70357
 Ion Ratio Lower Upper
 113 100
 55 207.7 184.2 224.2
 56 150.1 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.065 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040379.D
 Acq: 5 Apr 2019 16:25

Tgt Ion:107 Resp: 308033
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.5 30.7
 142 78.0 63.1 94.7





#37

2-Methylnaphthalene

Concen: 42.513 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

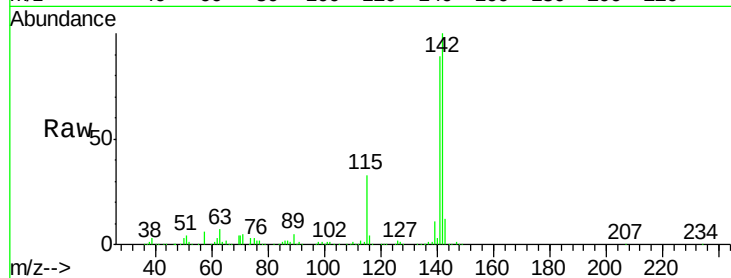
Tot Ion:142 Resp: 644987

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

115 33.5 27.3 40.9

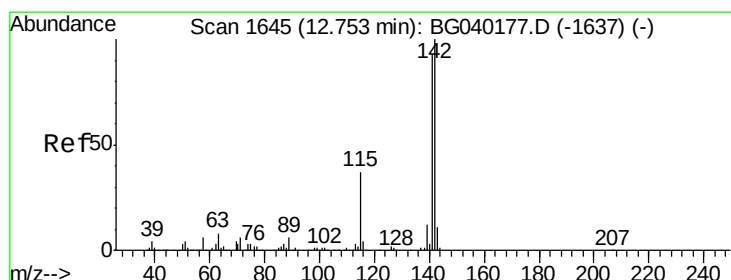
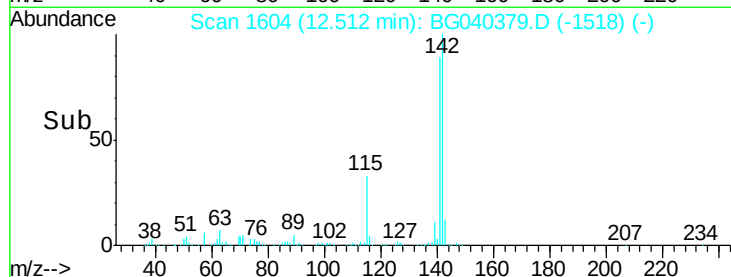
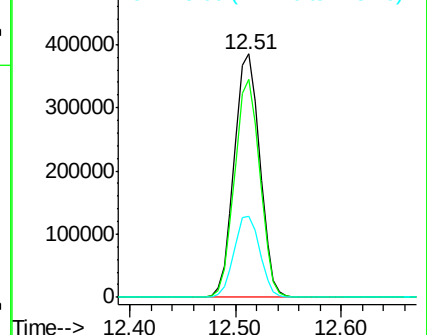


Abundance

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: 41.271 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

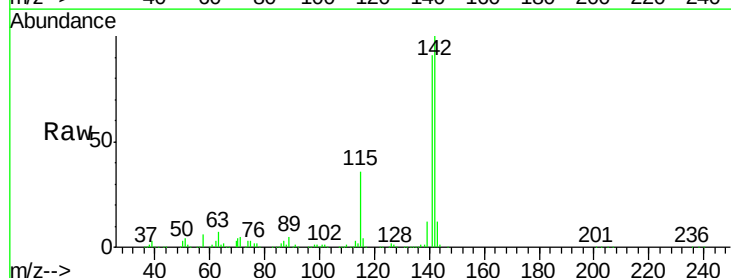
Tgt Ion:142 Resp: 607171

Ion Ratio Lower Upper

142 100

141 90.8 74.2 111.4

116 4.0 3.0 4.4

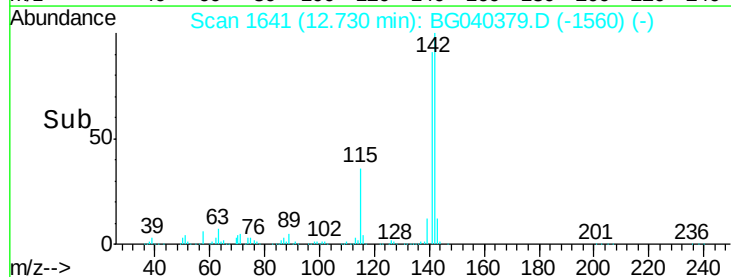
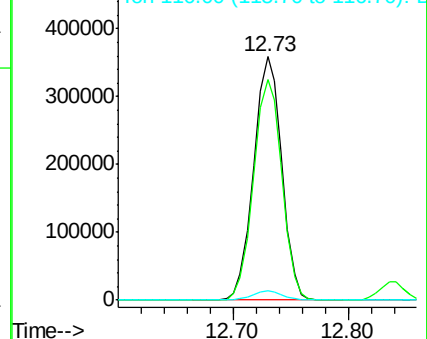


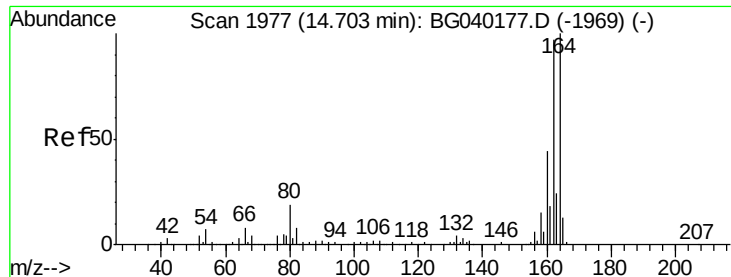
Abundance

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: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

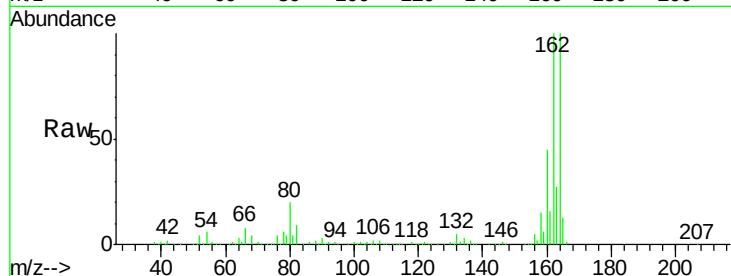
Tot Ion:164 Resp: 244827

Ion Ratio Lower Upper

164 100

162 100.0 77.4 116.2

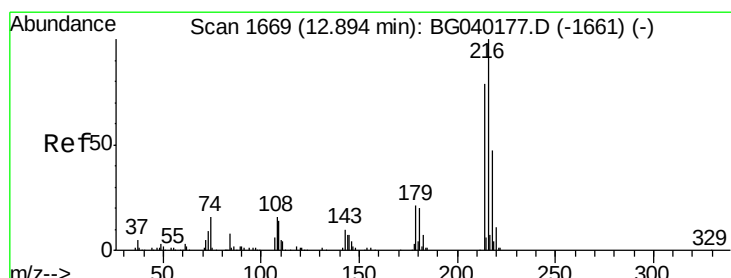
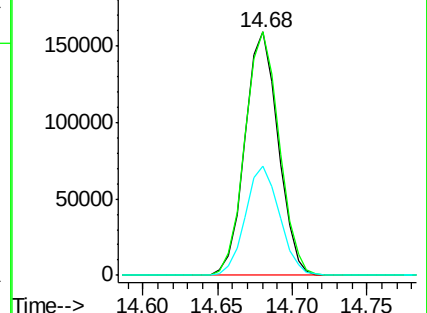
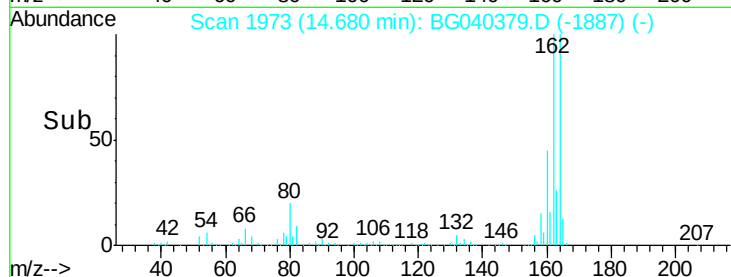
160 45.0 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.799 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Tgt Ion:216 Resp: 325257

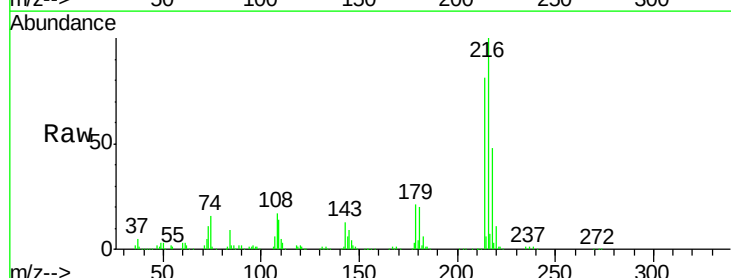
Ion Ratio Lower Upper

216 100

214 80.3 63.5 95.3

179 21.2 16.6 25.0

108 19.3 13.8 20.8

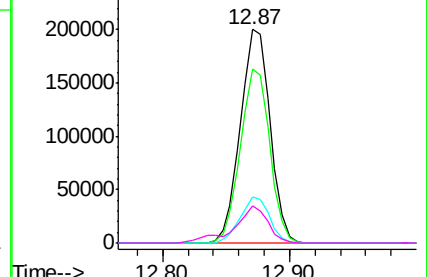
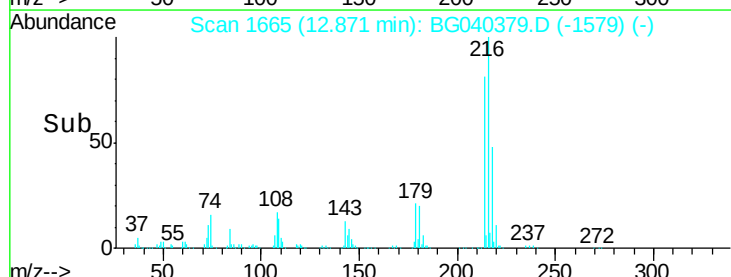


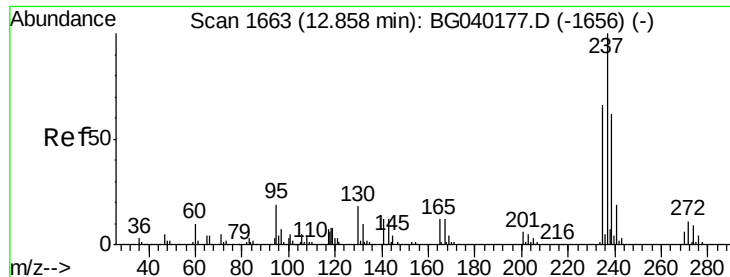
Abundance Ion 216.00 (215.70 to 216.70): E

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

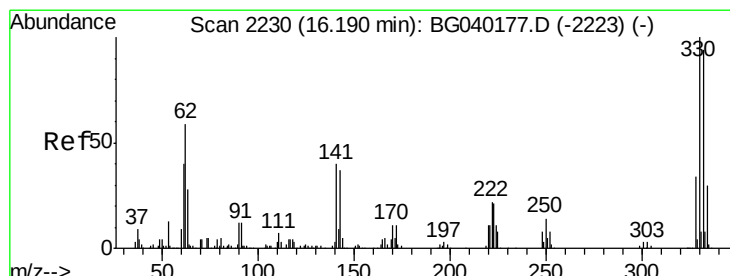
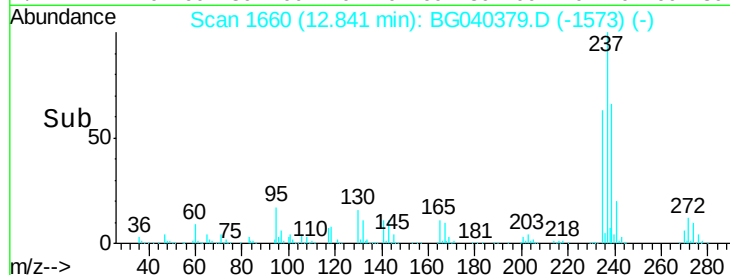
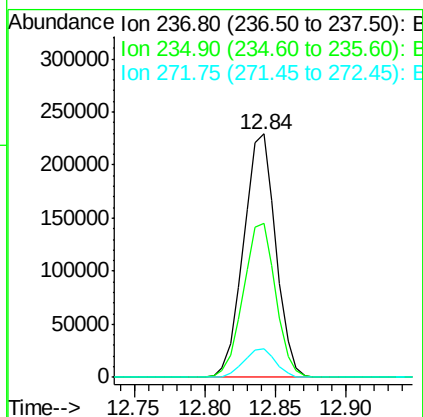
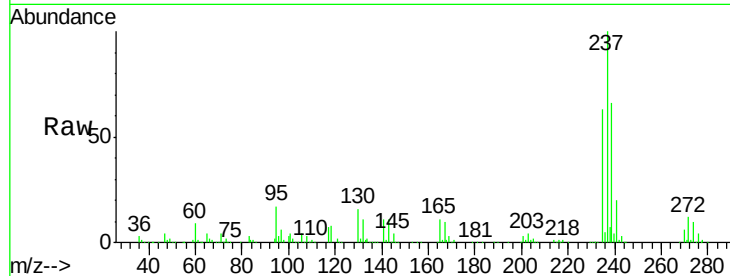




#41
Hexachlorocyclopentadiene
Concen: 85.507 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

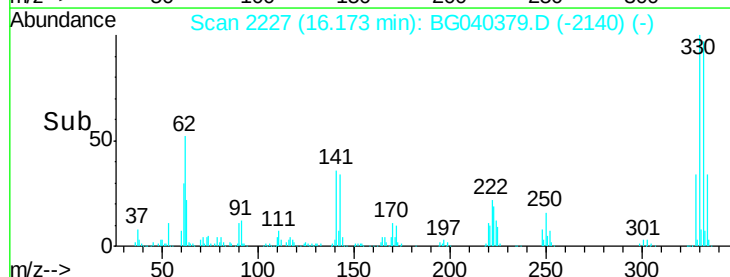
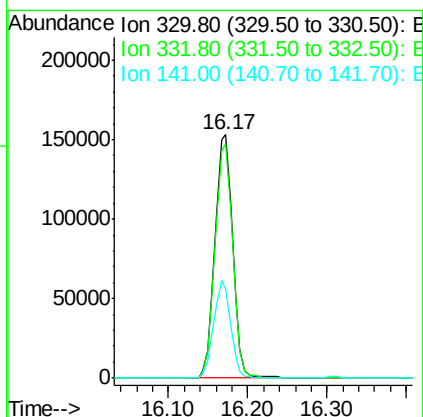
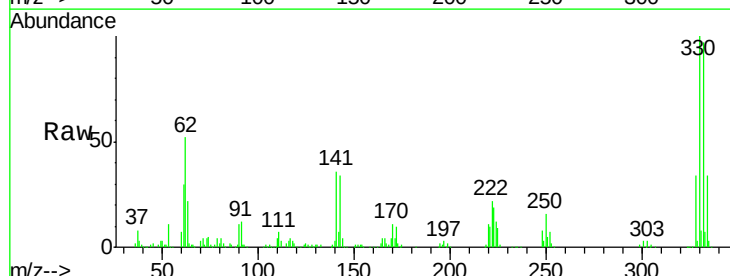
Instrument :
BNA_G
ClientSampleId :
PB118645BS

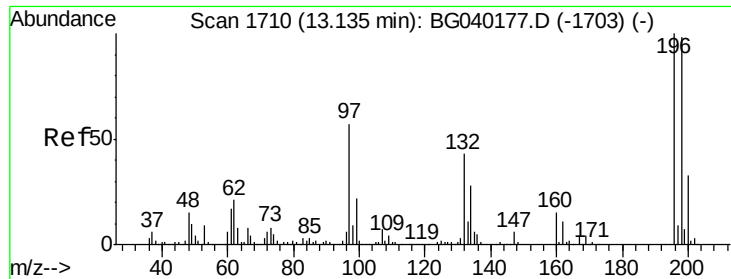
Tot Ion:237 Resp: 365338
Ion Ratio Lower Upper
237 100
235 63.3 46.2 86.2
272 11.6 0.0 30.5



#42
2,4,6-Tribromophenol
Concen: 90.057 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion:330 Resp: 238285
Ion Ratio Lower Upper
330 100
332 95.2 76.6 115.0
141 38.3 32.6 48.8

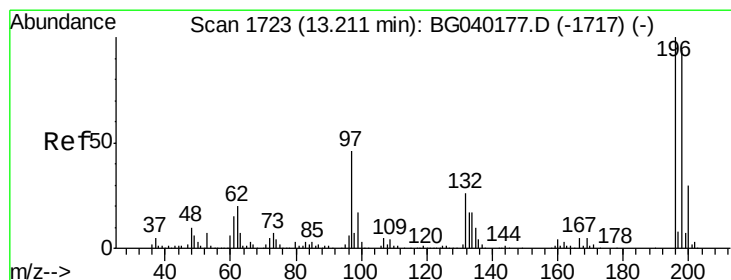
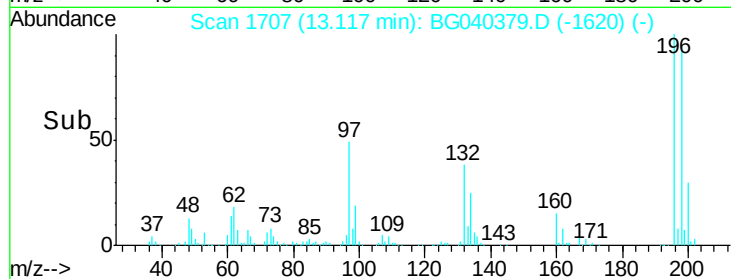
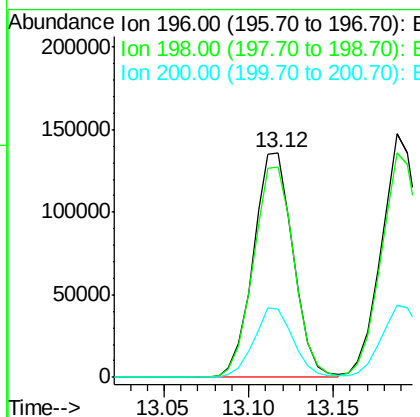
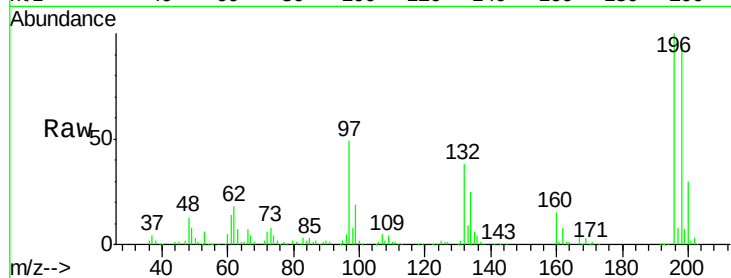




#43
 2,4,6-Trichlorophenol
 Concen: 44.444 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040379.D
 Acq: 5 Apr 2019 16:25

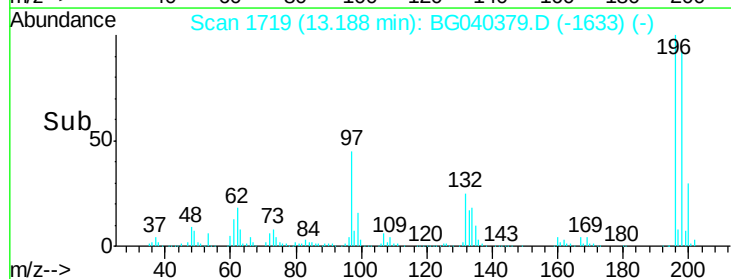
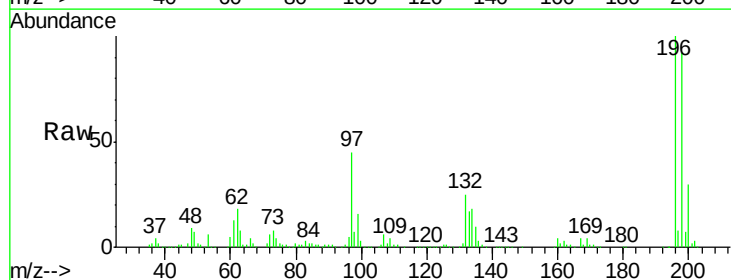
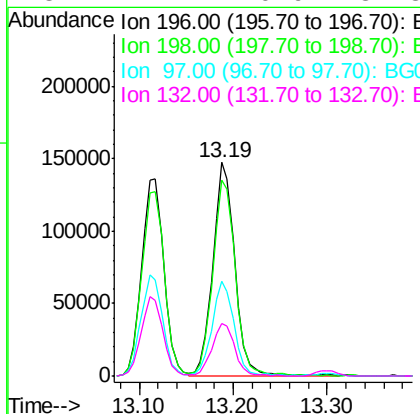
Instrument :
 BNA_G
 ClientSampleId :
 PB118645BS

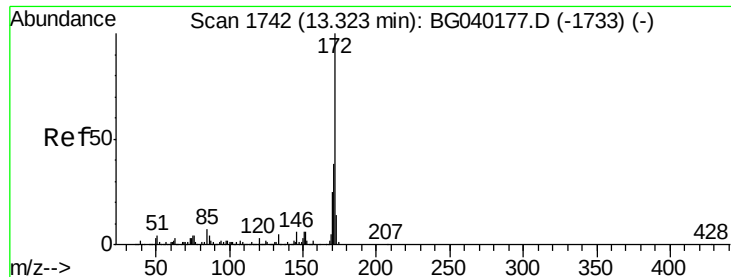
Tot Ion:196 Resp: 222973
 Ion Ratio Lower Upper
 196 100
 198 93.8 78.3 117.5
 200 30.3 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.035 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040379.D
 Acq: 5 Apr 2019 16:25

Tgt Ion:196 Resp: 240796
 Ion Ratio Lower Upper
 196 100
 198 91.9 75.0 112.6
 97 44.6 37.3 55.9
 132 24.7 20.9 31.3

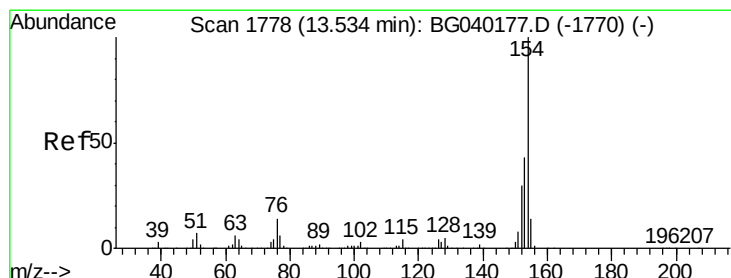
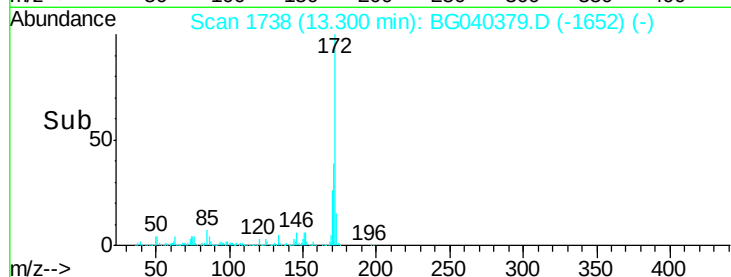
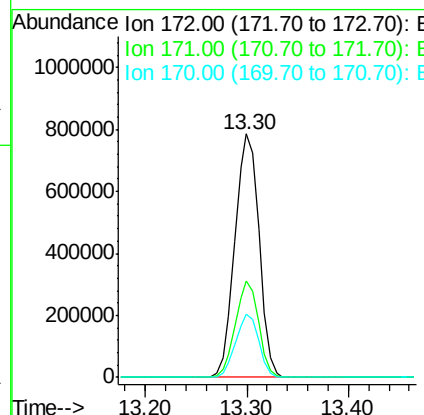
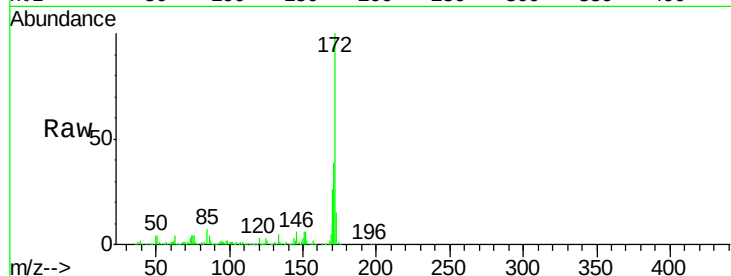




#45
2-Fluorobiphenyl
Concen: 78.345 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

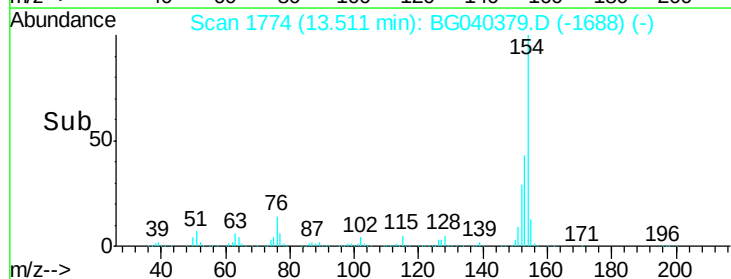
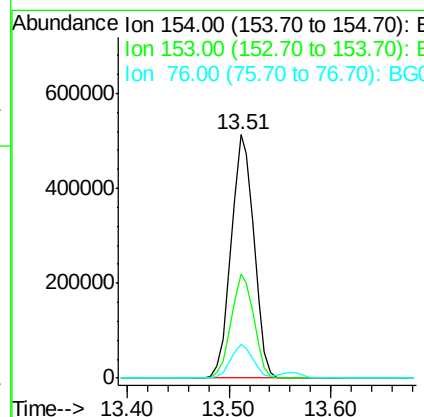
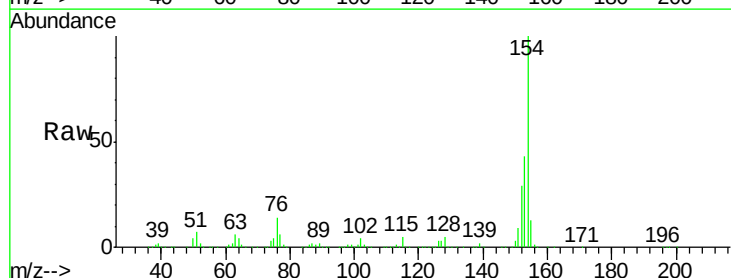
Instrument :
BNA_G
ClientSampleId :
PB118645BS

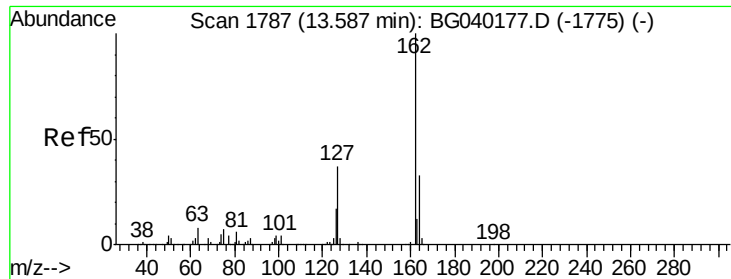
Tot Ion:172 Resp: 1294473
Ion Ratio Lower Upper
172 100
171 39.5 30.5 45.7
170 26.2 20.1 30.1



#46
1,1'-Biphenyl
Concen: 41.151 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion:154 Resp: 796042
Ion Ratio Lower Upper
154 100
153 42.8 22.5 62.5
76 13.8 0.0 33.7

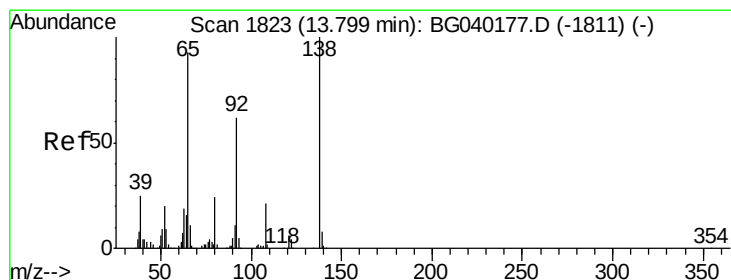
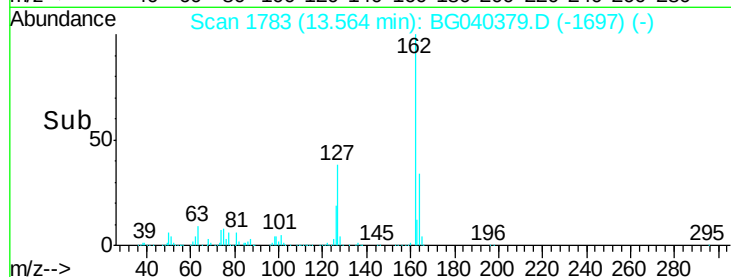
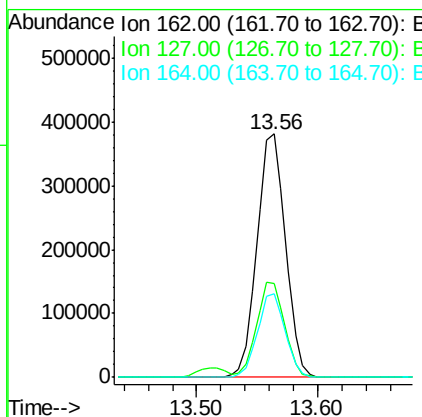
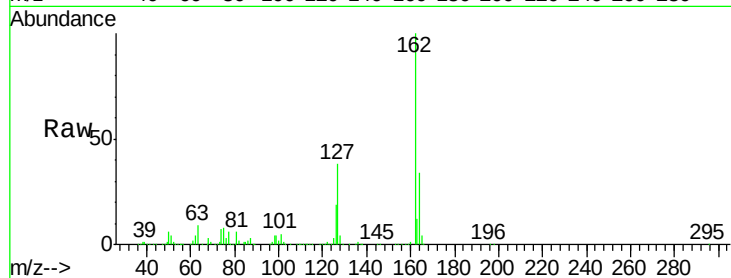




#47
 2-Chloronaphthalene
 Concen: 42.047 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG040379.D
 Acq: 5 Apr 2019 16:25

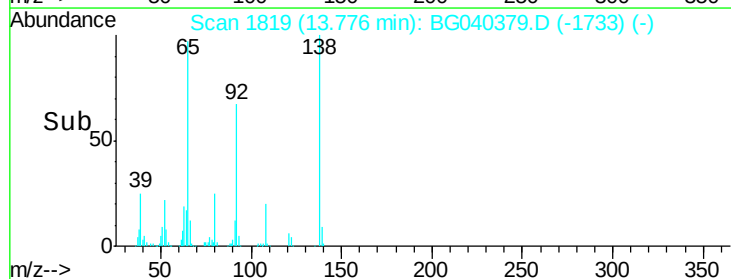
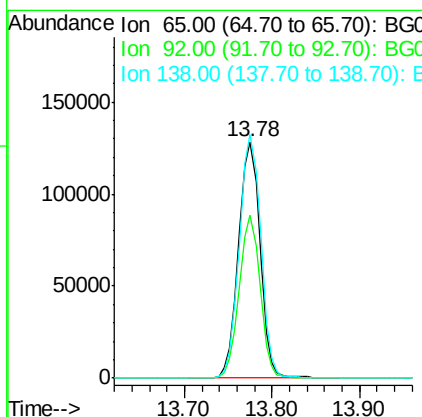
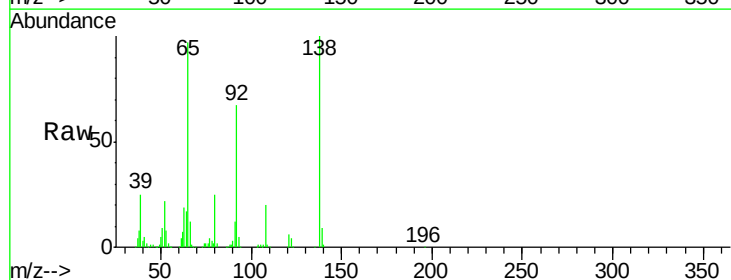
Instrument :
 BNA_G
 ClientSampleId :
 PB118645BS

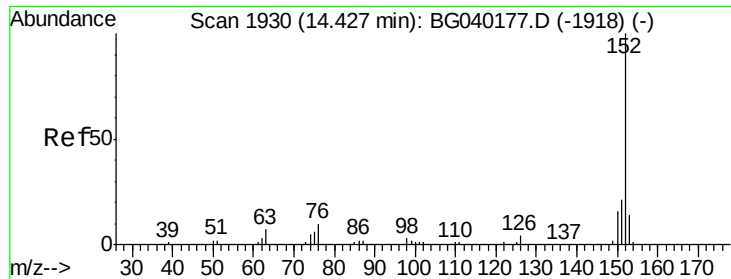
Tot Ion:162 Resp: 623914
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.6 45.8
 164 34.1 26.2 39.4



#48
 2-Nitroaniline
 Concen: 42.321 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BG040379.D
 Acq: 5 Apr 2019 16:25

Tgt Ion: 65 Resp: 211824
 Ion Ratio Lower Upper
 65 100
 92 68.8 53.8 80.6
 138 103.0 86.3 129.5





#49

Acenaphthylene

Concen: 39.439 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

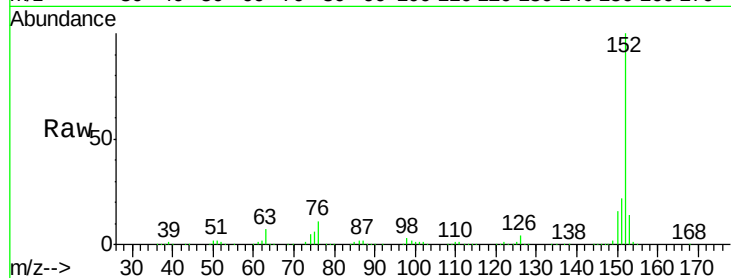
Tot Ion:152 Resp: 992233

Ion Ratio Lower Upper

152 100

151 21.6 17.0 25.6

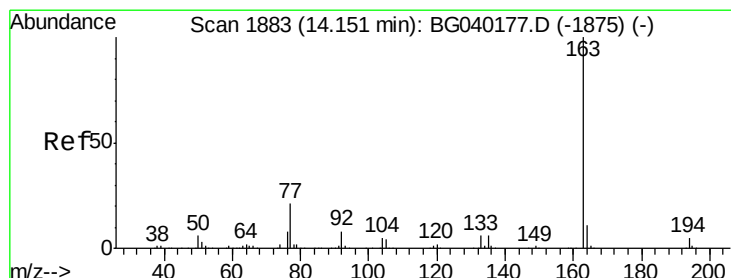
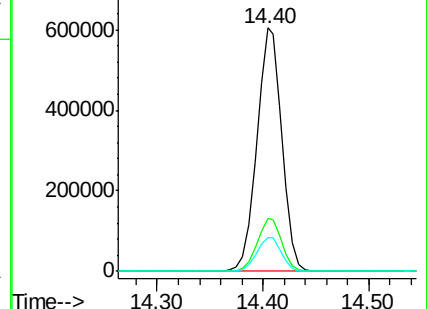
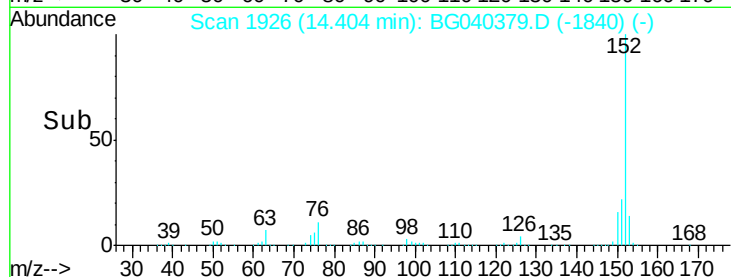
153 13.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.903 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

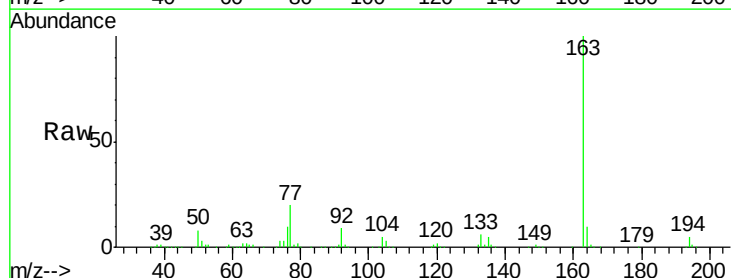
Tgt Ion:163 Resp: 783742

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

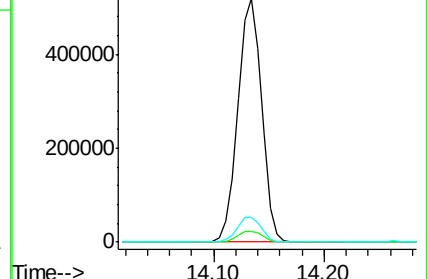
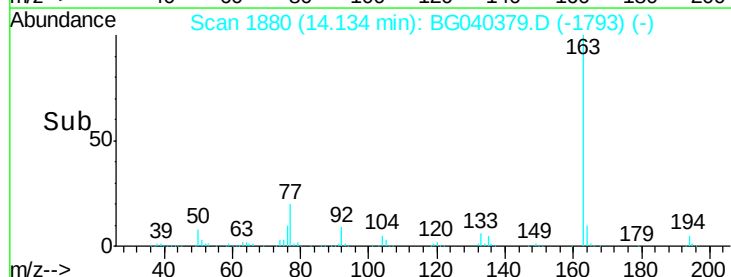
164 10.3 8.6 13.0

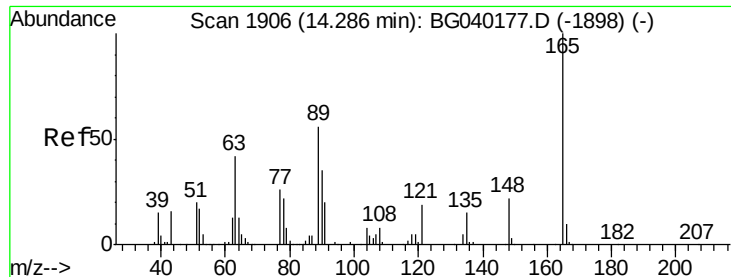


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.067 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

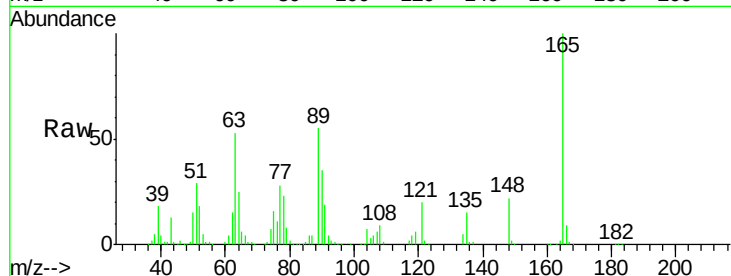
Tot Ion:165 Resp: 185289

Ion Ratio Lower Upper

165 100

63 52.7 44.1 66.1

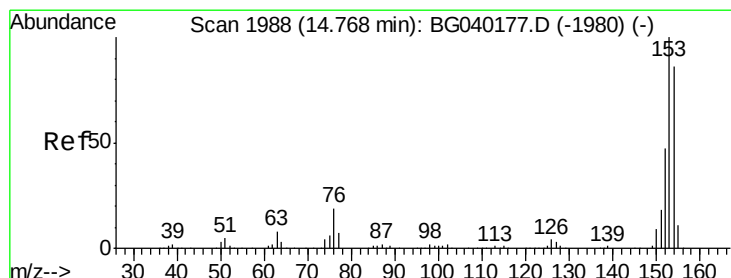
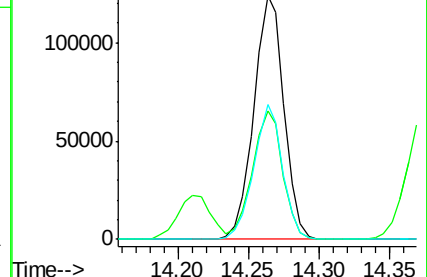
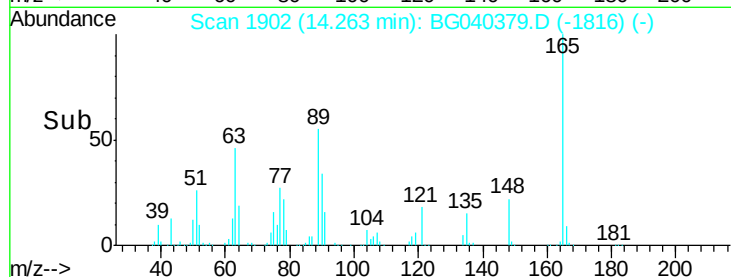
89 55.1 44.9 67.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 40.648 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

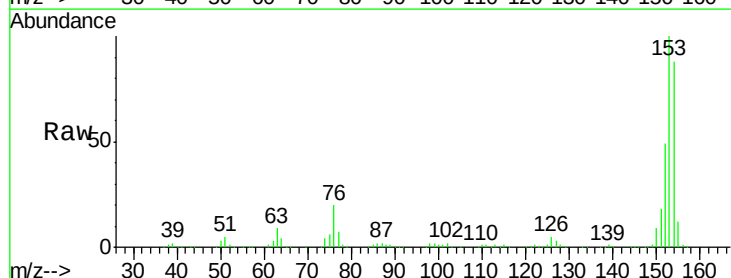
Tgt Ion:154 Resp: 585982

Ion Ratio Lower Upper

154 100

153 113.5 92.8 139.2

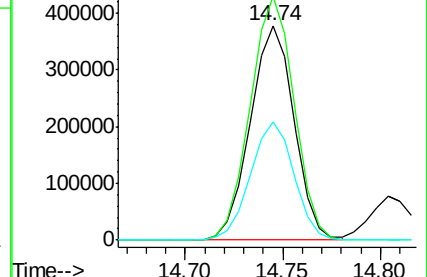
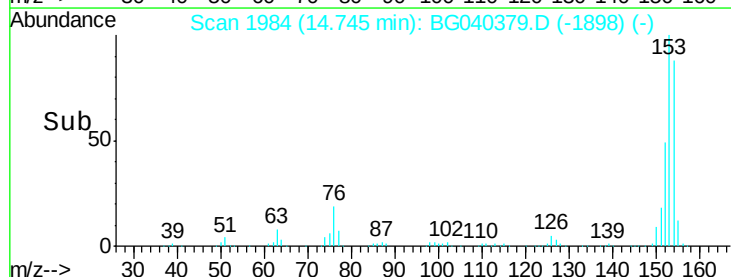
152 55.1 43.4 65.2

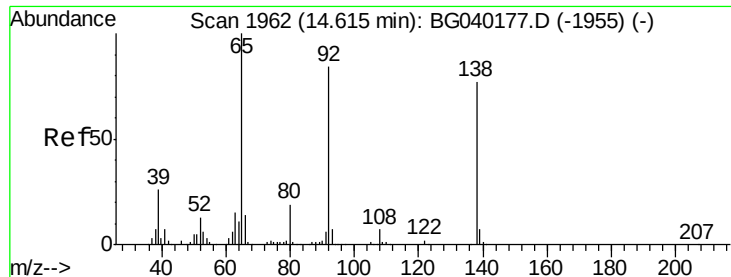


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 42.039 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

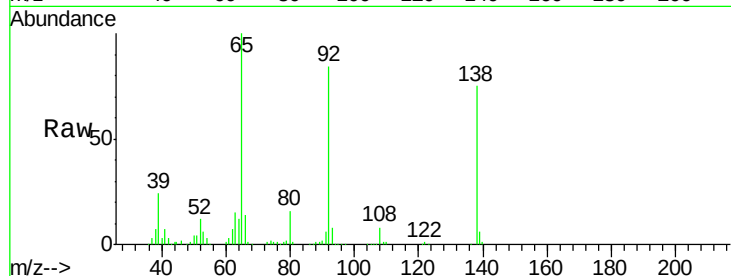
Tot Ion:138 Resp: 191454

Ion Ratio Lower Upper

138 100

108 10.7 7.8 11.8

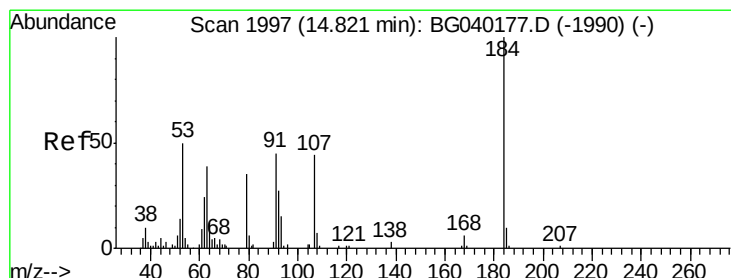
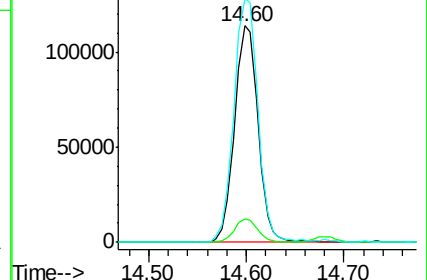
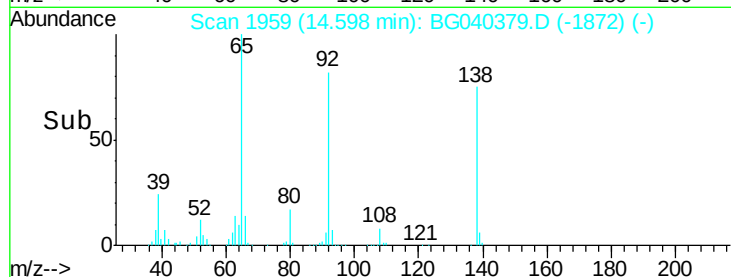
92 112.6 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 97.182 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

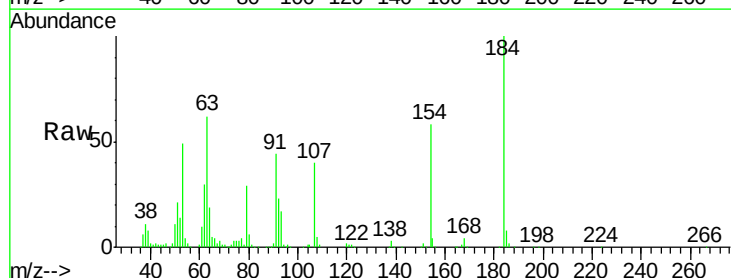
Tgt Ion:184 Resp: 222361

Ion Ratio Lower Upper

184 100

63 61.5 51.8 77.8

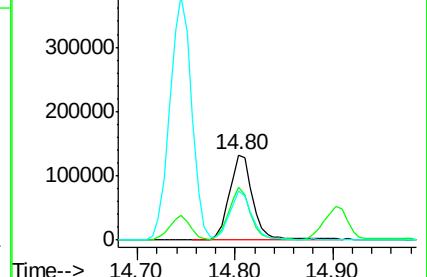
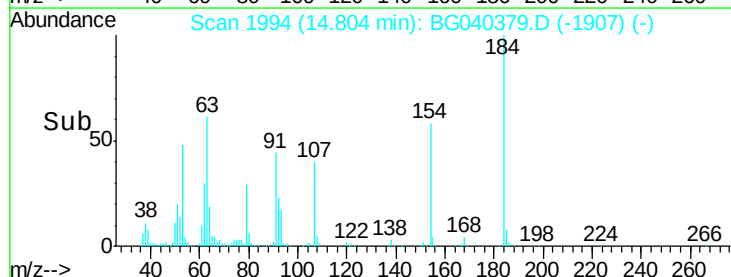
154 57.8 50.9 76.3

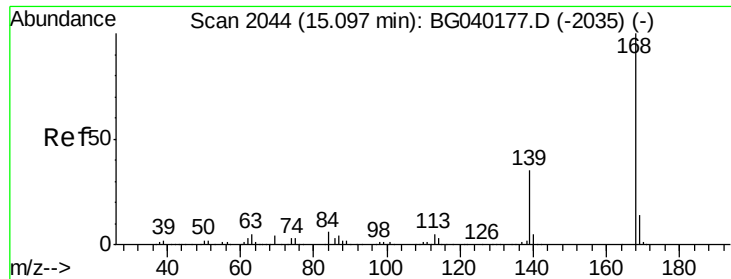


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

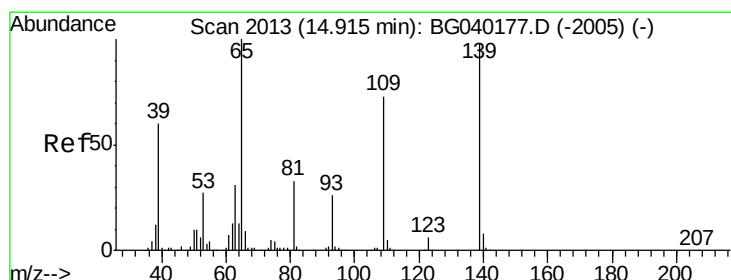
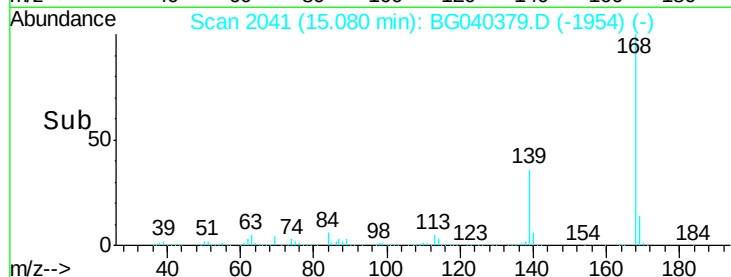
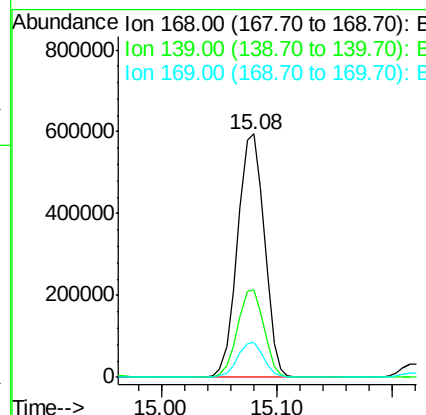
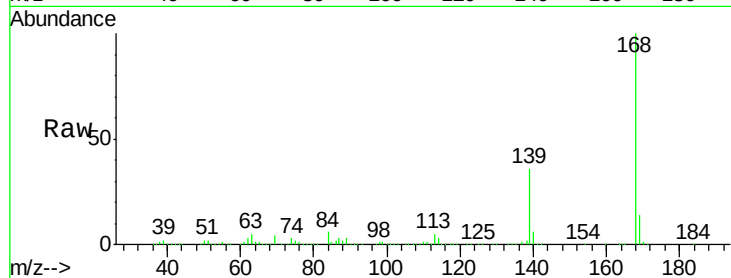




#55
Dibenzenofuran
Concen: 41.406 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

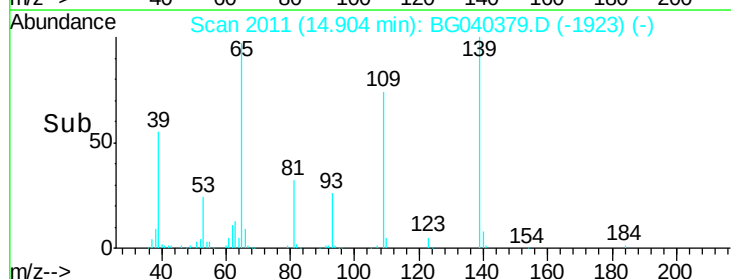
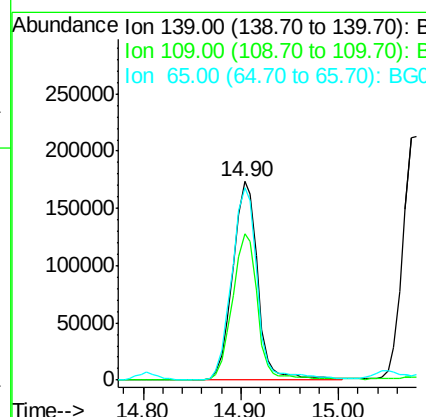
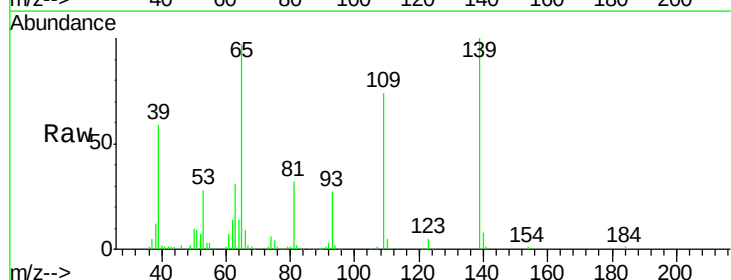
Instrument :
BNA_G
ClientSampleId :
PB118645BS

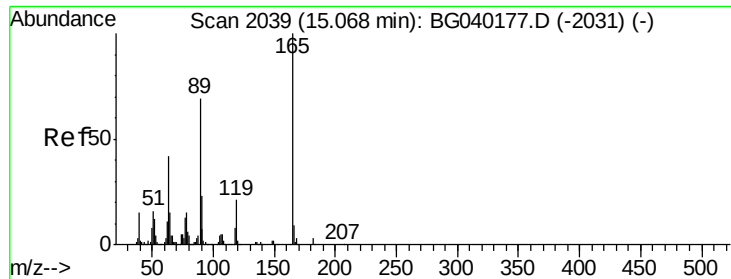
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	27.9	41.9
169	14.2	11.3	16.9



#56
4-Nitrophenol
Concen: 84.339 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.1	54.3	94.3
65	97.3	82.5	122.5





#57

2,4-Dinitrotoluene

Concen: 44.088 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

Tot Ion:165 Resp: 263565

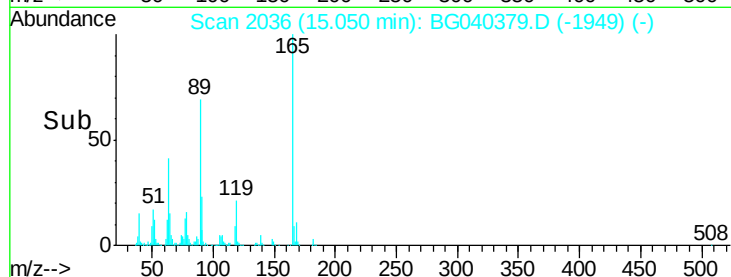
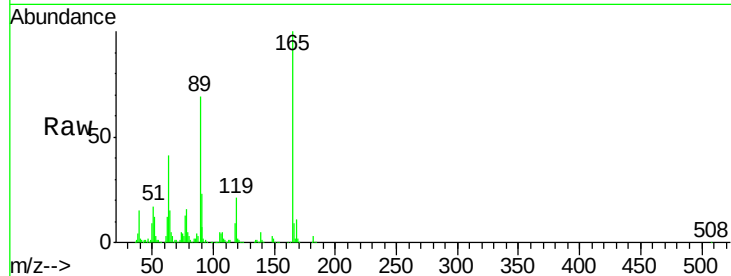
Ion Ratio Lower Upper

165 100

63 41.5 33.8 50.6

89 69.5 55.4 83.2

182 2.8 2.2 3.4

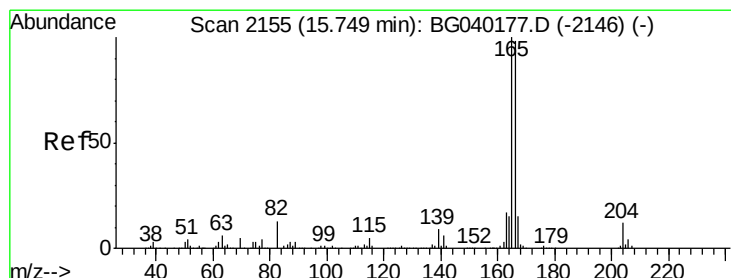
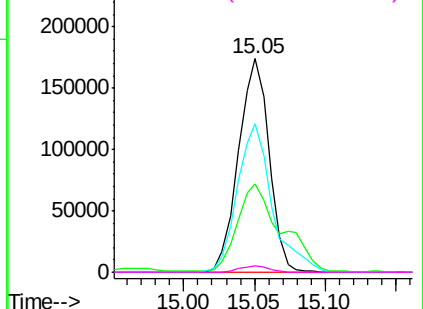


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.208 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

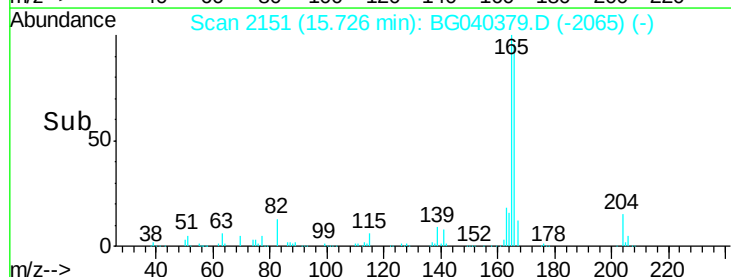
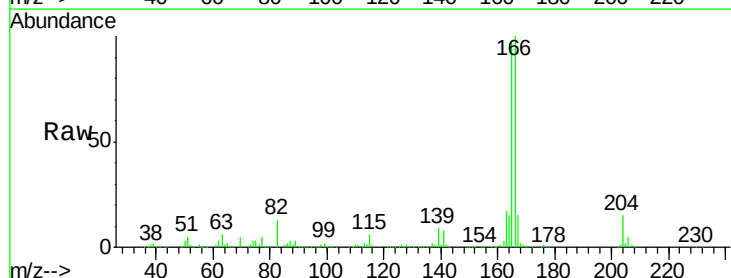
Tgt Ion:166 Resp: 750488

Ion Ratio Lower Upper

166 100

165 97.4 81.7 122.5

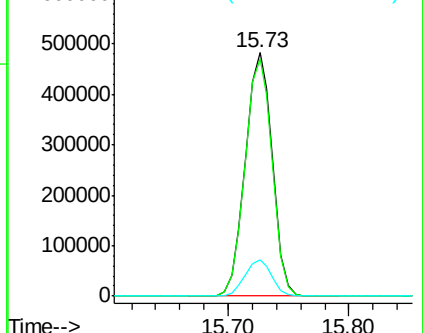
167 14.7 11.9 17.9

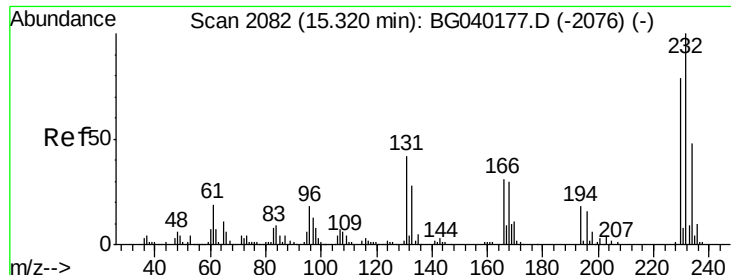


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

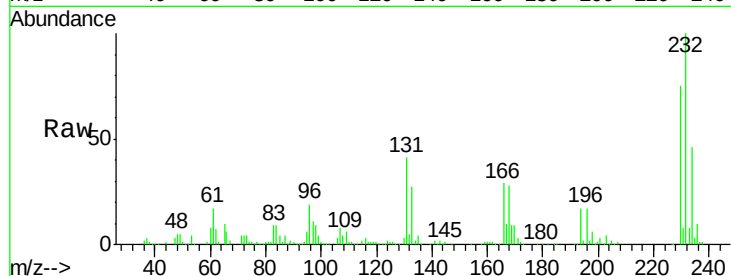




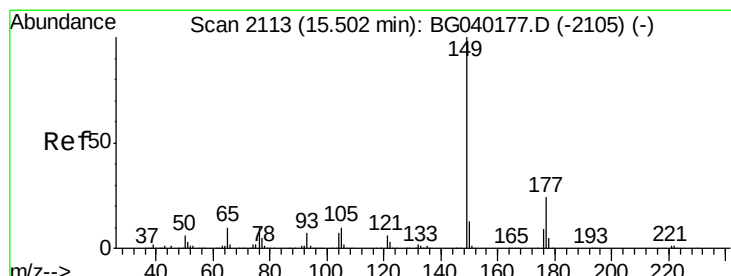
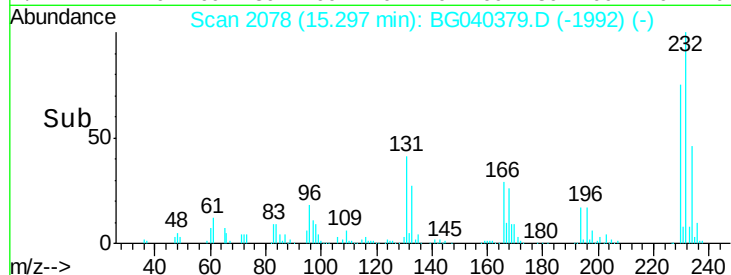
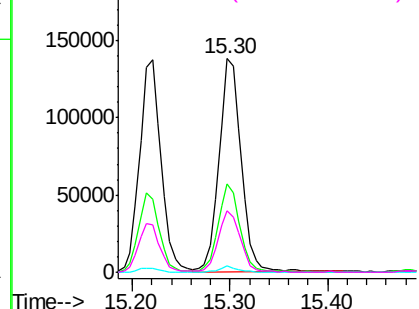
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.593 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040379.D
 Acq: 5 Apr 2019 16:25

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BS

Tot Ion:	232	Resp:	216321
Ion	Ratio	Lower	Upper
232	100		
131	39.9	32.9	49.3
130	2.4	1.8	2.8
166	28.4	23.5	35.3

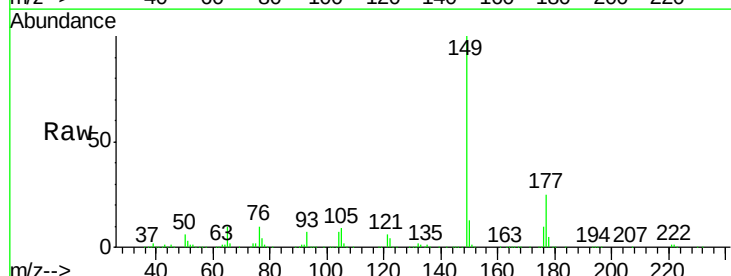


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

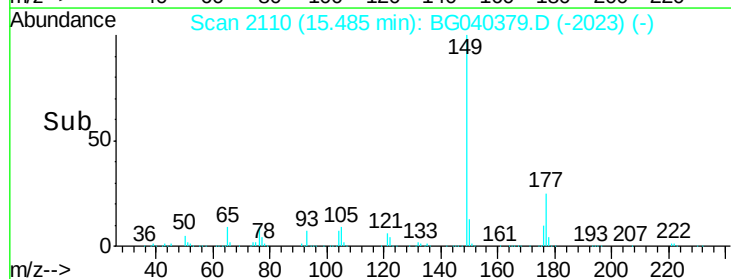
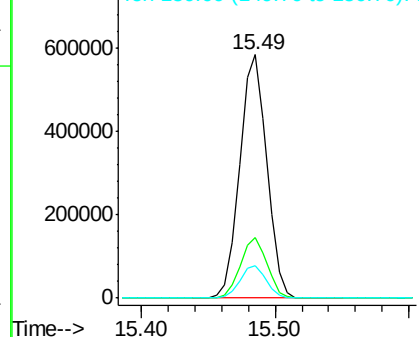


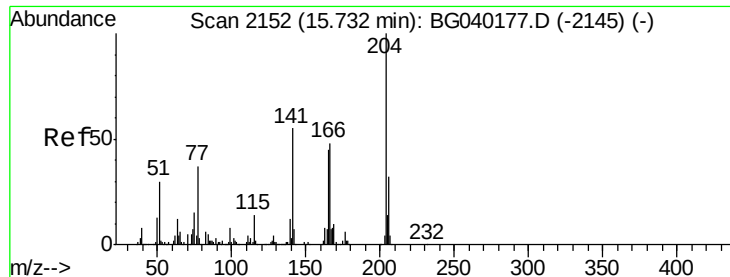
#60
 Diethylphthalate
 Concen: 41.580 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.02 min
 Lab File: BG040379.D
 Acq: 5 Apr 2019 16:25

Tgt Ion:	149	Resp:	815285
Ion	Ratio	Lower	Upper
149	100		
177	25.0	19.1	28.7
150	13.5	10.6	15.8



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

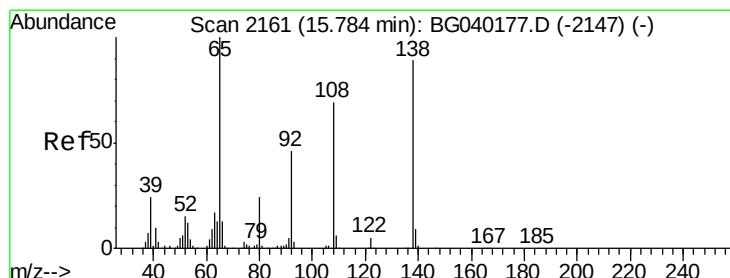
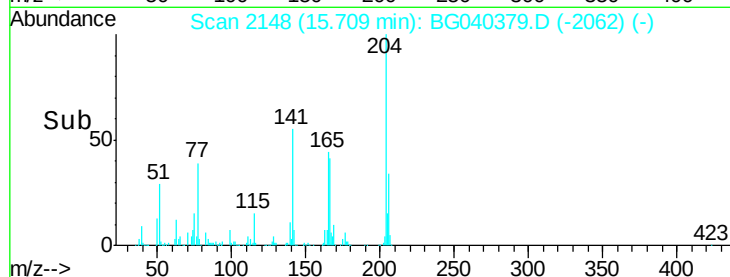
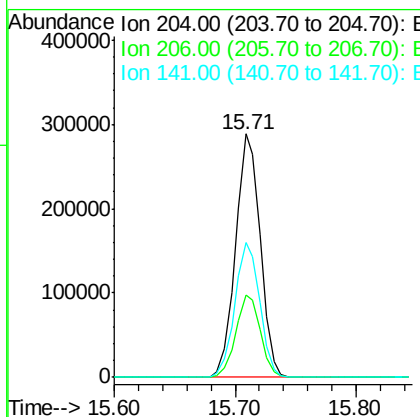
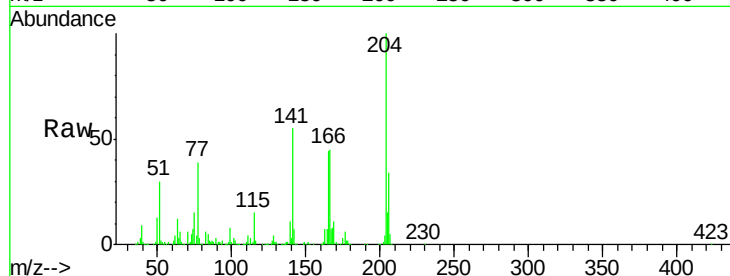




#61
 4-Chlorophenyl-phenylether
 Concen: 42.146 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040379.D
 Acq: 5 Apr 2019 16:25

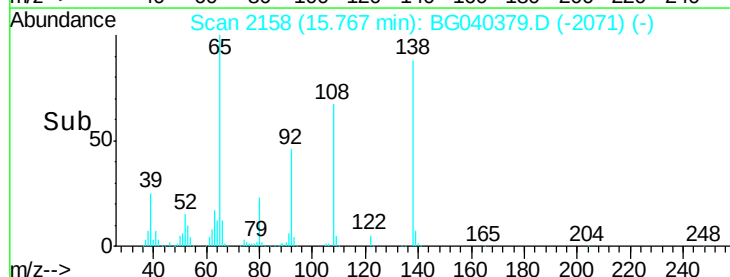
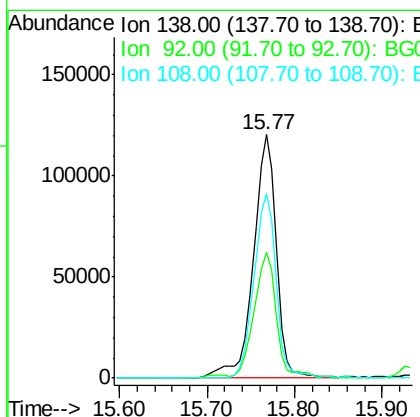
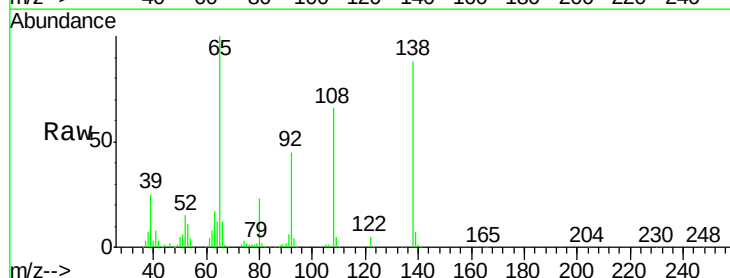
Instrument :
 BNA_G
 ClientSampleId :
 PB118645BS

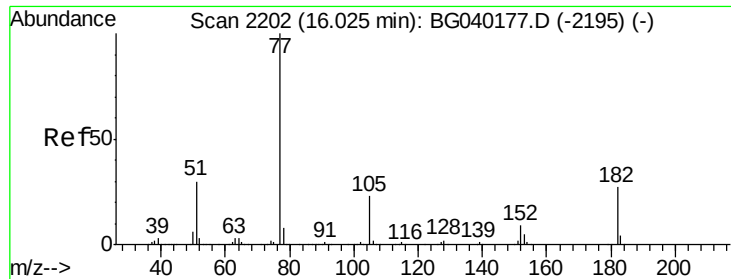
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.7	38.5
141	55.4	44.0	66.0



#62
 4-Nitroaniline
 Concen: 44.005 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG040379.D
 Acq: 5 Apr 2019 16:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	31.8	71.8
108	75.7	57.2	97.2





#63

Azobenzene

Concen: 40.354 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

Tot Ion: 77 Resp: 746345

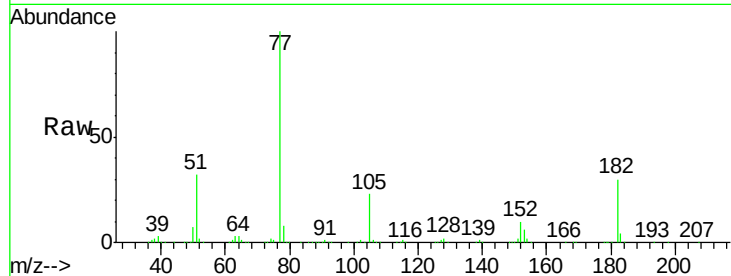
Ion Ratio Lower Upper

77 100

182 30.2 7.2 47.2

105 23.3 2.8 42.8

51 31.8 10.4 50.4

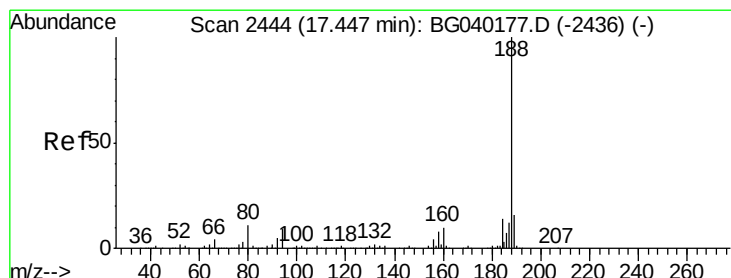
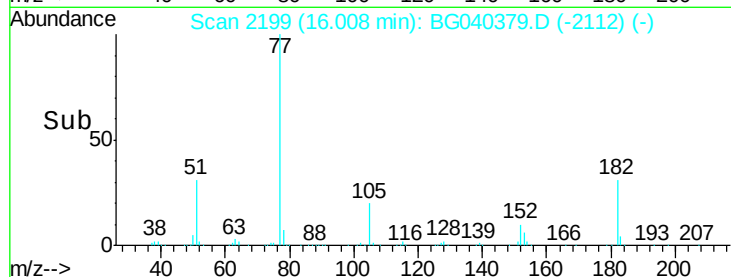
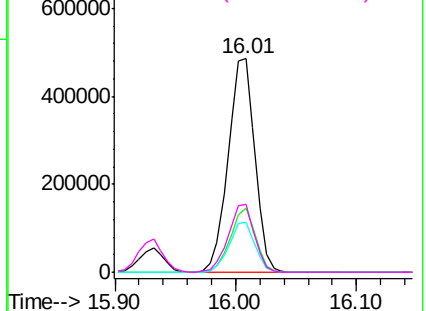


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

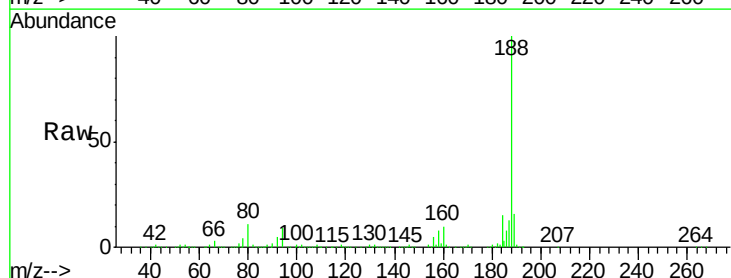
Tgt Ion: 188 Resp: 579067

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

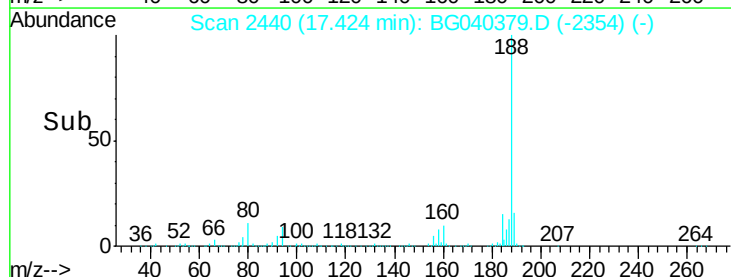
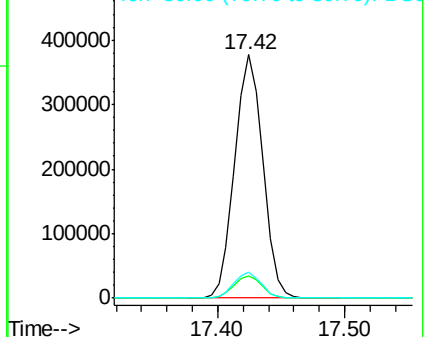
80 10.5 8.6 13.0

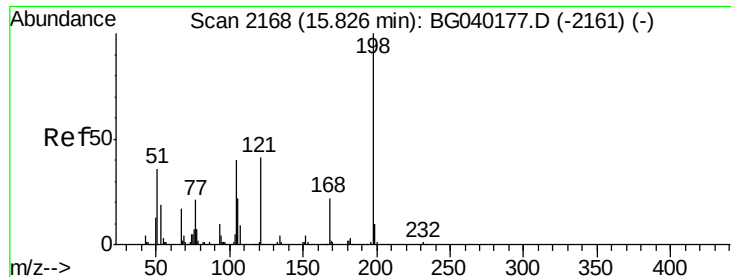


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 49.654 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

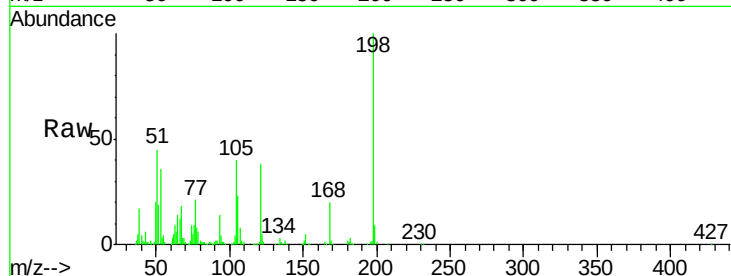
Tot Ion:198 Resp: 161540

Ion Ratio Lower Upper

198 100

51 45.1 27.3 67.3

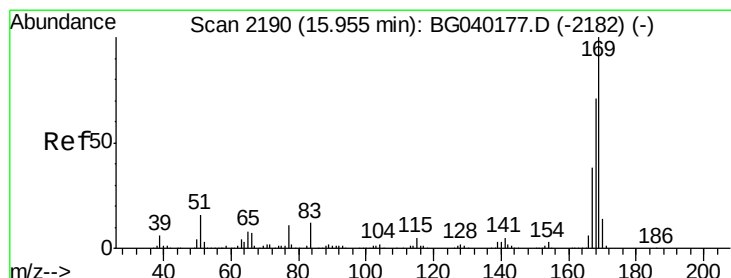
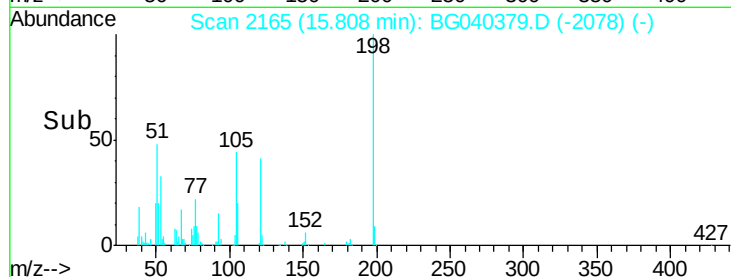
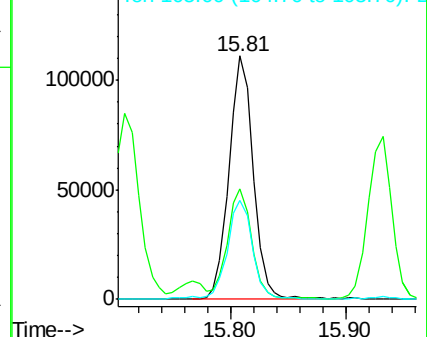
105 40.4 21.7 61.7



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: 41.029 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

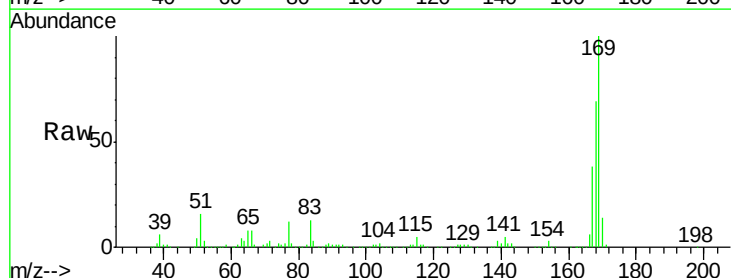
Tgt Ion:169 Resp: 695236

Ion Ratio Lower Upper

169 100

168 69.2 56.8 85.2

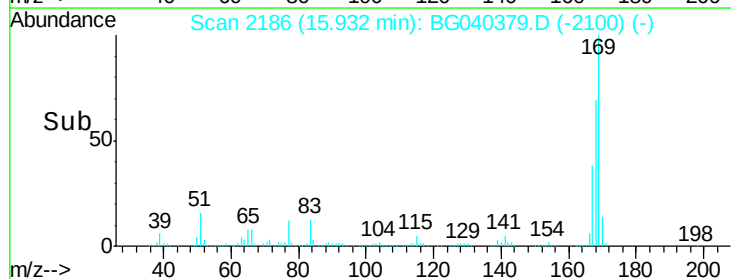
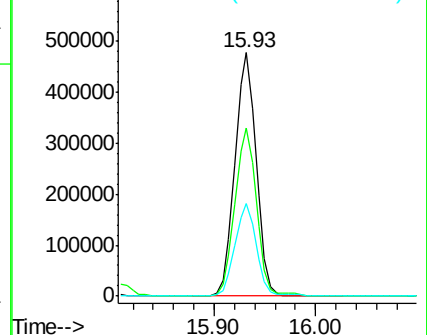
167 38.1 30.2 45.4

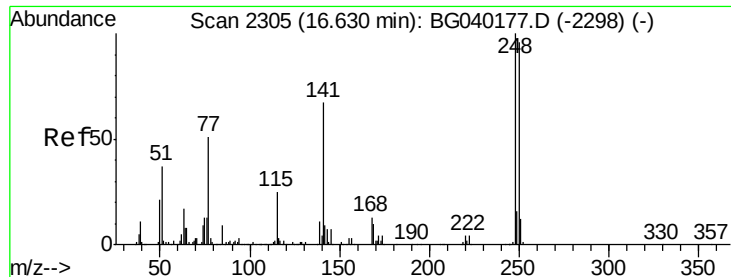


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

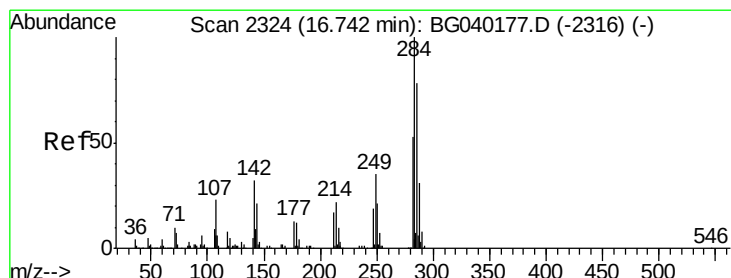
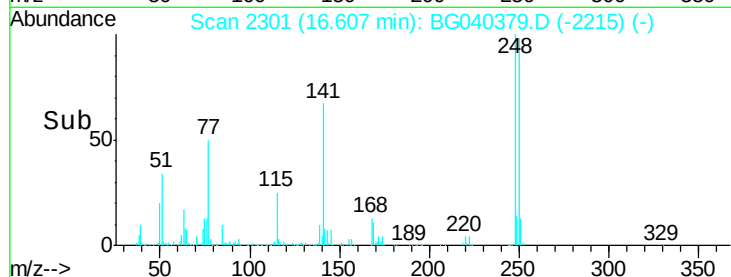
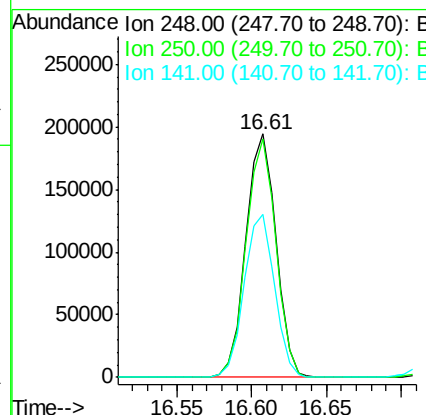
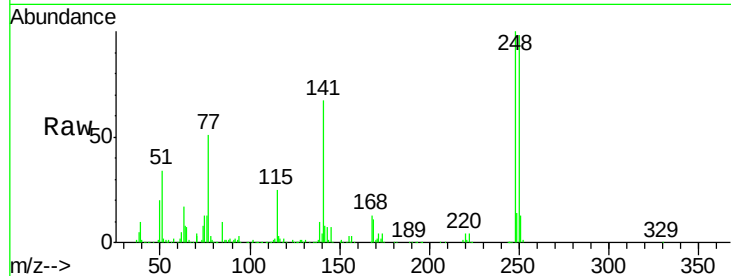




#67
4-Bromophenyl-phenylether
Concen: 41.727 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

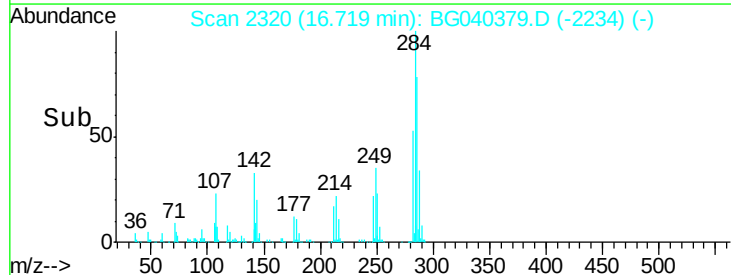
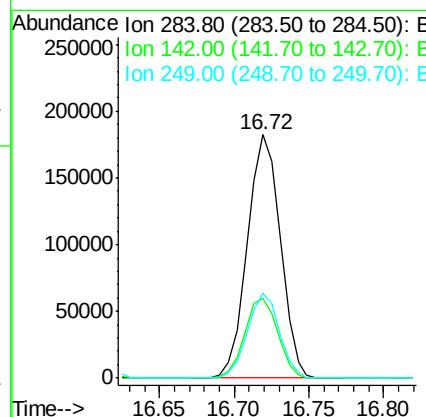
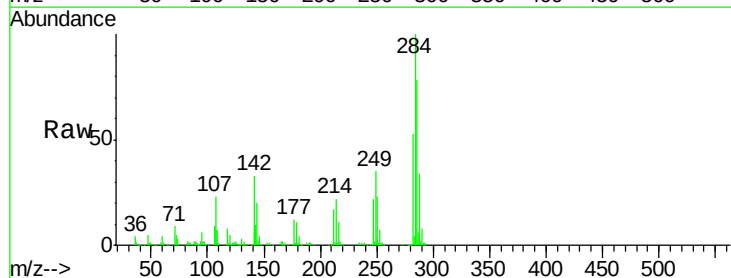
Instrument :
BNA_G
ClientSampled :
PB118645BS

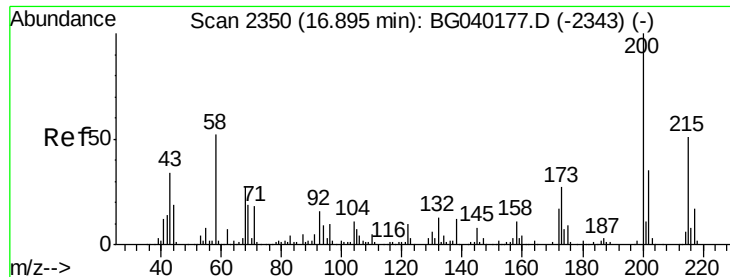
Tot Ion:248 Resp: 271913
Ion Ratio Lower Upper
248 100
250 97.9 76.4 114.6
141 66.7 53.8 80.8



#68
Hexachlorobenzene
Concen: 42.456 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion:284 Resp: 278177
Ion Ratio Lower Upper
284 100
142 33.0 25.3 37.9
249 34.8 28.2 42.2





#69

Atrazine

Concen: 35.128 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

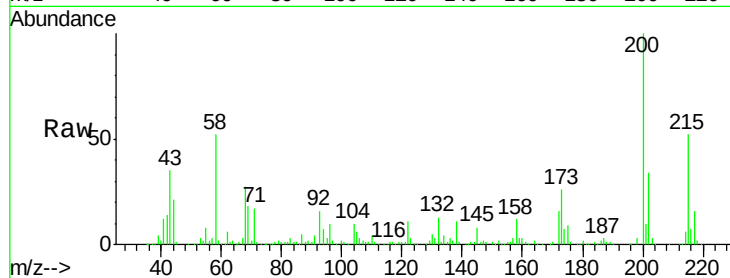
Tot Ion:200 Resp: 221426

Ion Ratio Lower Upper

200 100

173 26.5 7.1 47.1

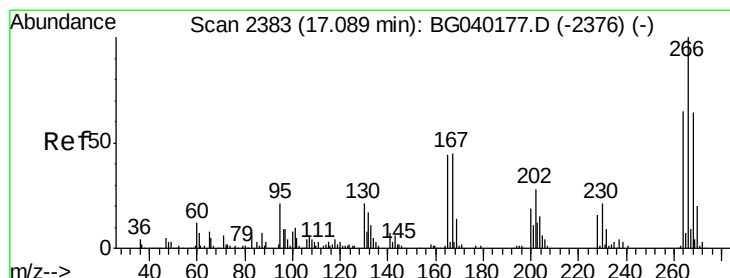
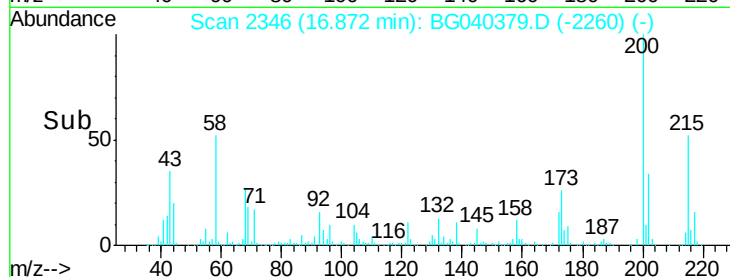
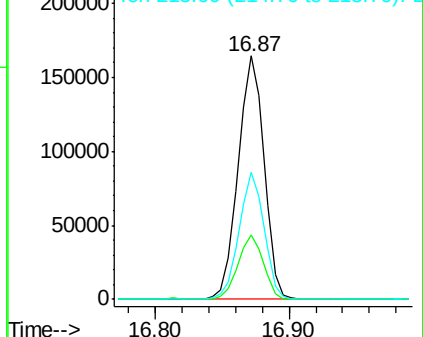
215 52.3 30.9 70.9



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: 79.125 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

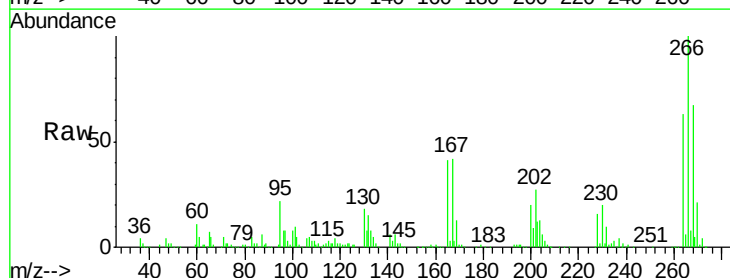
Tgt Ion:266 Resp: 299728

Ion Ratio Lower Upper

266 100

268 66.5 55.0 82.4

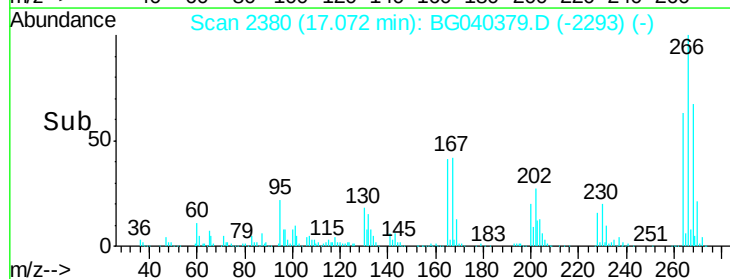
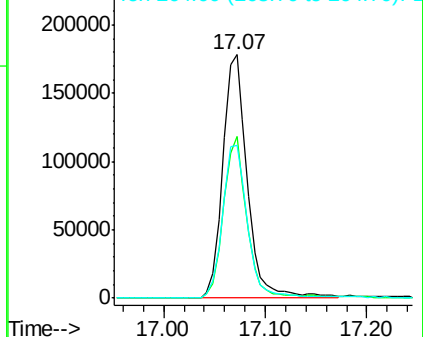
264 62.6 51.8 77.8

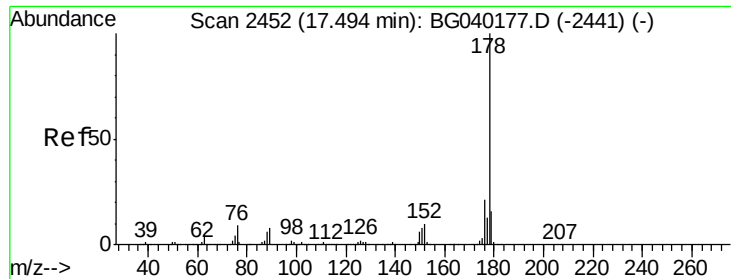


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

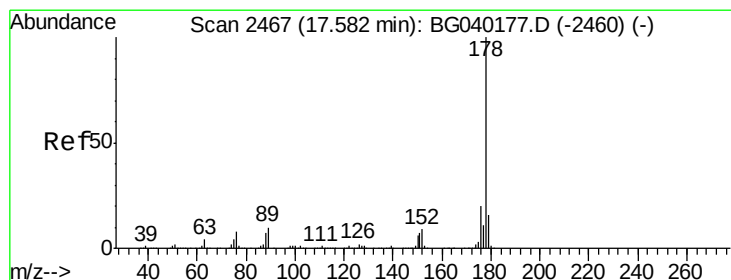
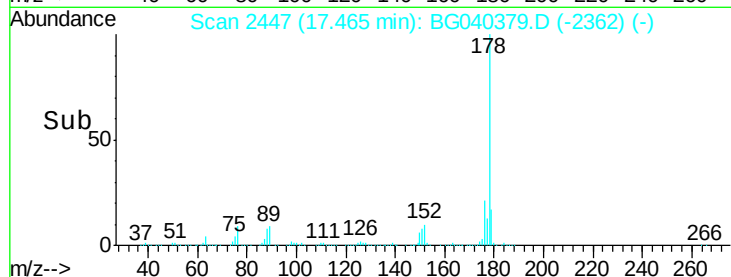
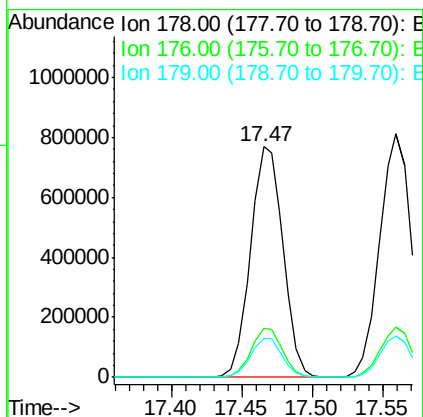
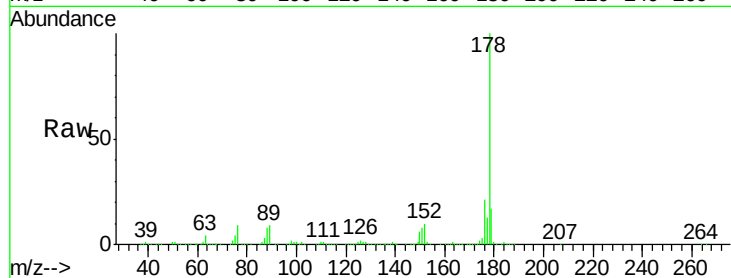




#71
Phenanthrene
Concen: 40.796 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

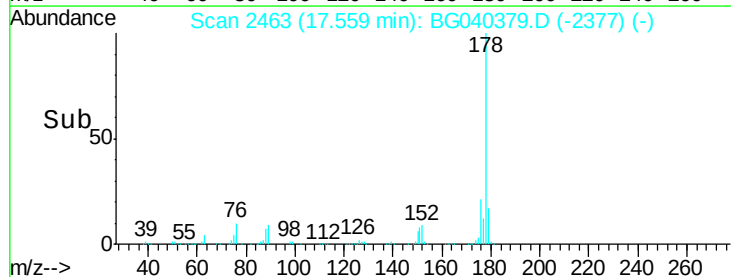
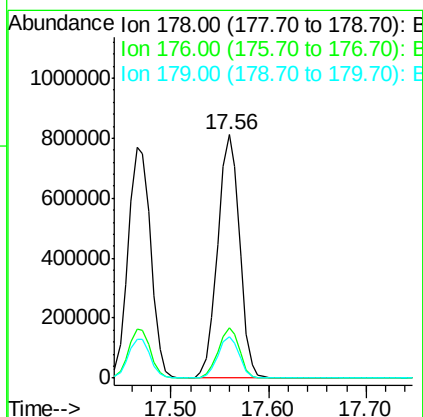
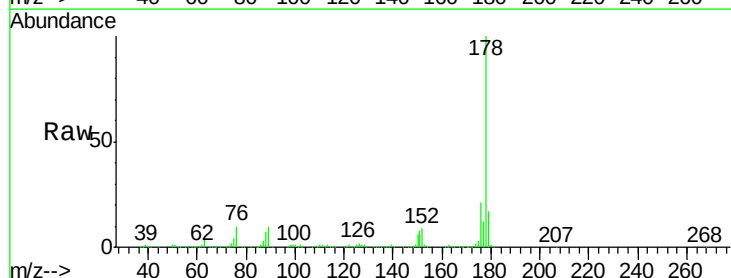
Instrument :
BNA_G
ClientSampleId :
PB118645BS

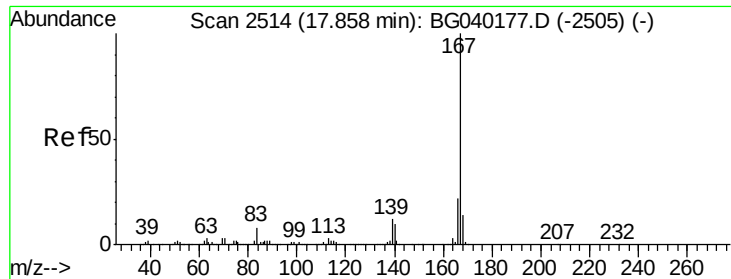
Tot Ion:178 Resp: 1241689
Ion Ratio Lower Upper
178 100
176 21.2 16.7 25.1
179 16.9 12.8 19.2



#72
Anthracene
Concen: 41.401 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion:178 Resp: 1261270
Ion Ratio Lower Upper
178 100
176 20.6 15.9 23.9
179 17.2 12.9 19.3





#73

Carbazole

Concen: 41.726 ng

RT: 17.84 min Scan# 2510

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

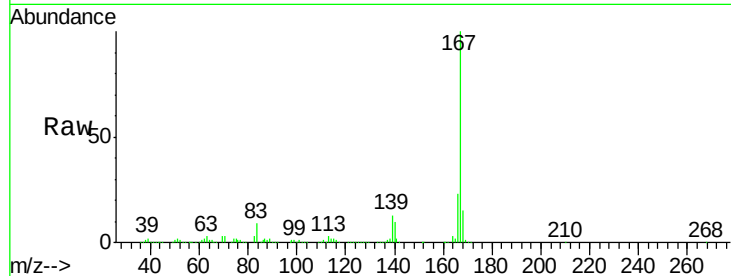
Tot Ion:167 Resp: 1203021

Ion Ratio Lower Upper

167 100

166 22.5 17.5 26.3

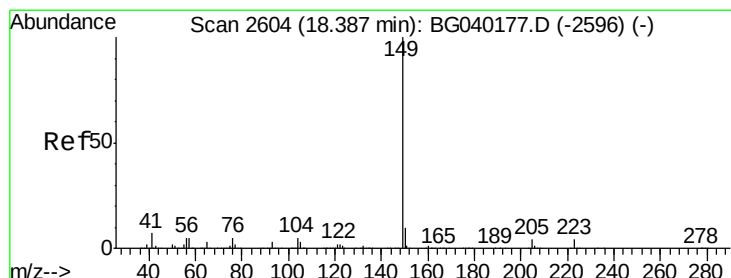
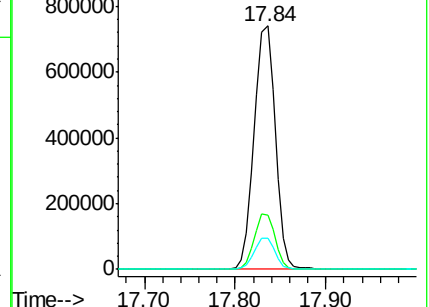
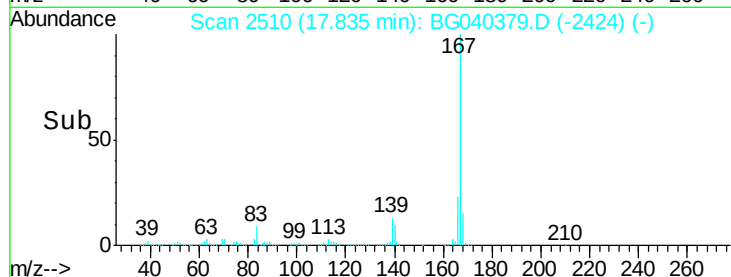
139 12.6 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.236 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

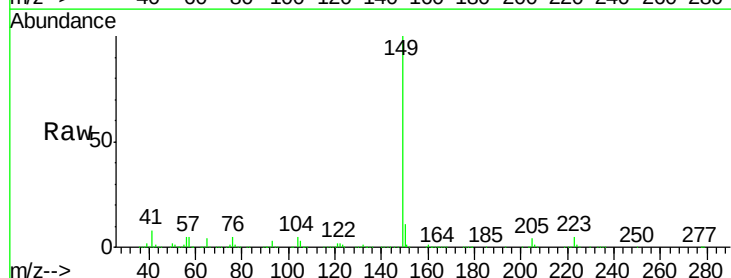
Tgt Ion:149 Resp: 1409261

Ion Ratio Lower Upper

149 100

150 10.6 7.9 11.9

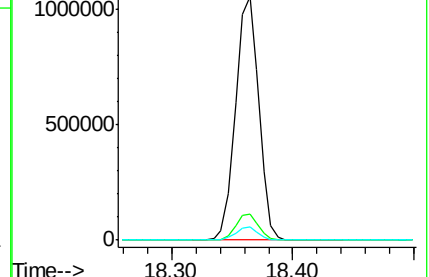
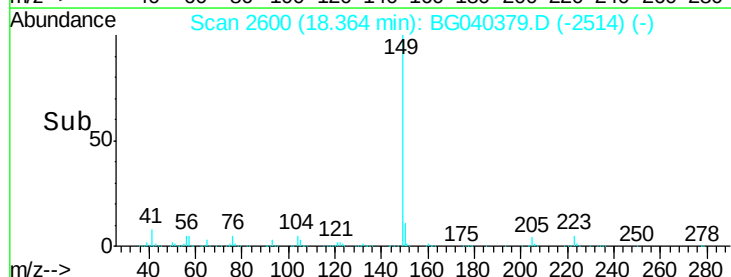
104 5.4 4.1 6.1

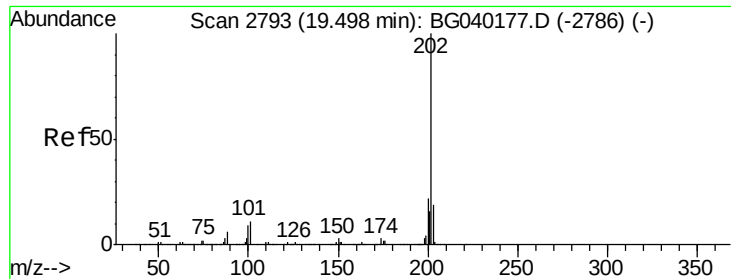


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.476 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

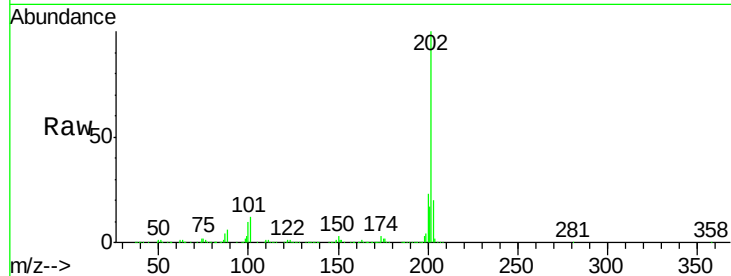
Tot Ion:202 Resp: 1530890

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.8

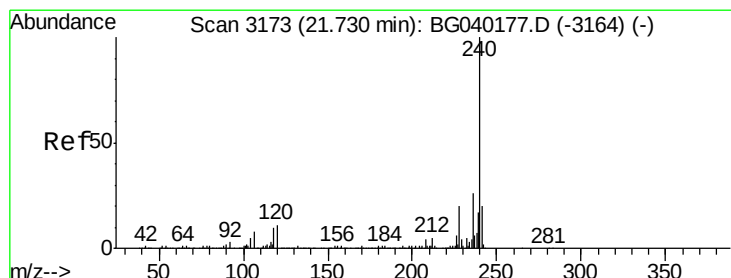
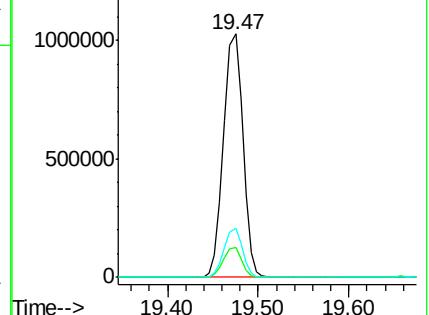
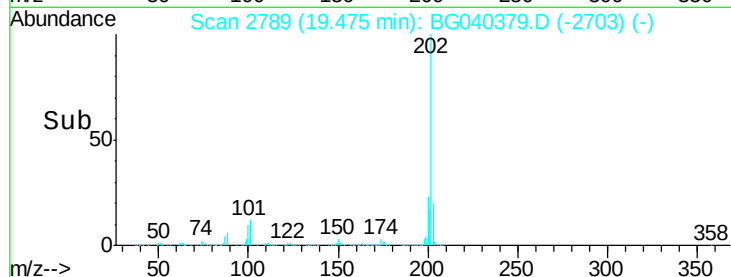
203 20.2 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.03 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

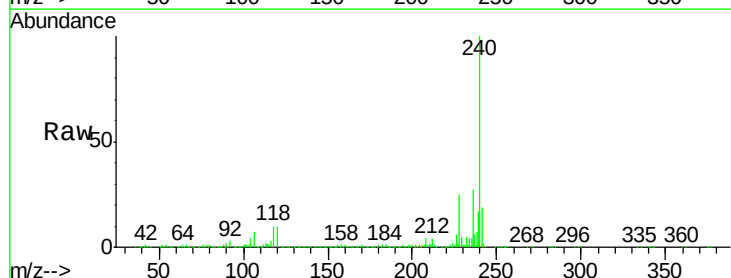
Tgt Ion:240 Resp: 604518

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

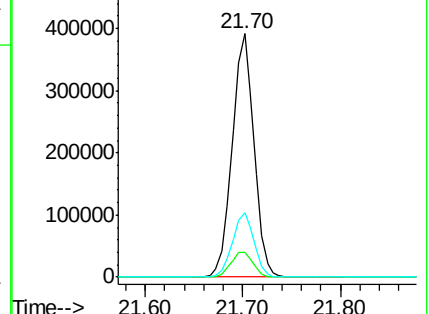
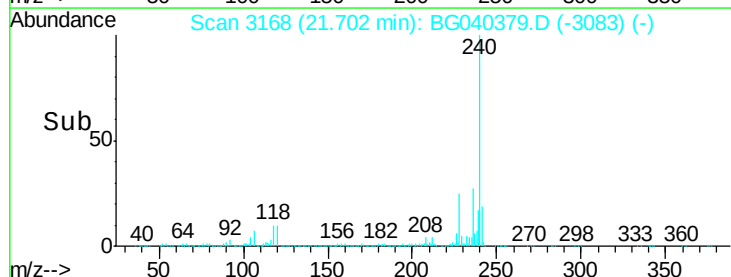
236 26.7 20.8 31.2

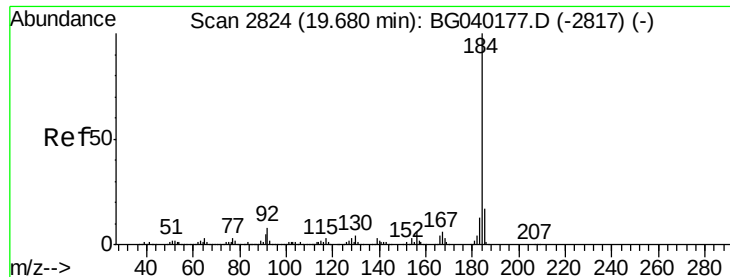


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.670 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

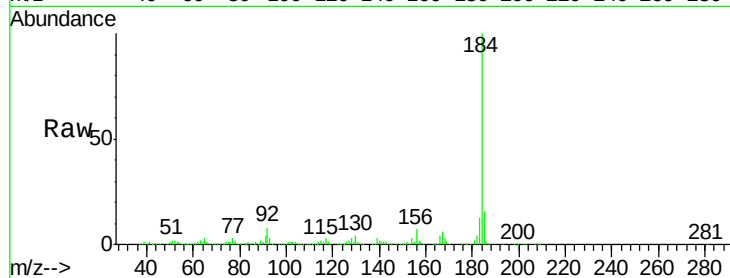
Tot Ion:184 Resp: 931476

Ion Ratio Lower Upper

184 100

185 16.2 13.3 19.9

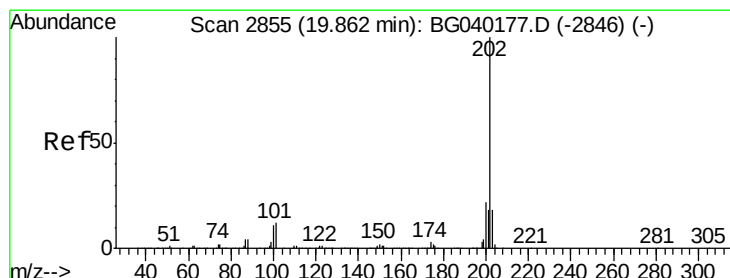
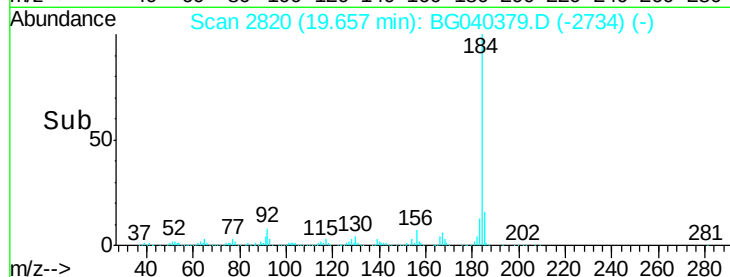
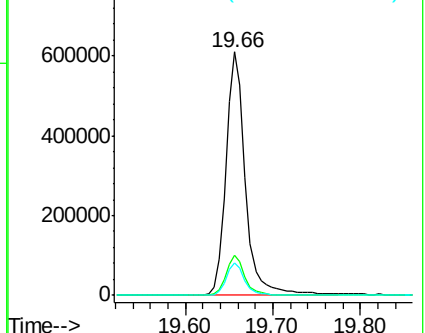
183 13.2 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.668 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

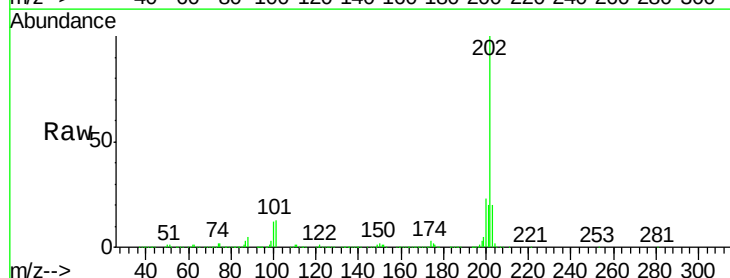
Tgt Ion:202 Resp: 1537218

Ion Ratio Lower Upper

202 100

200 23.3 17.3 25.9

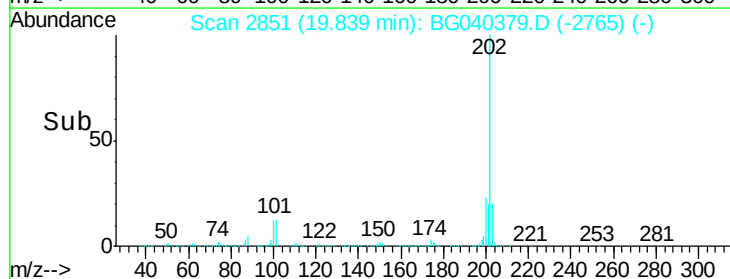
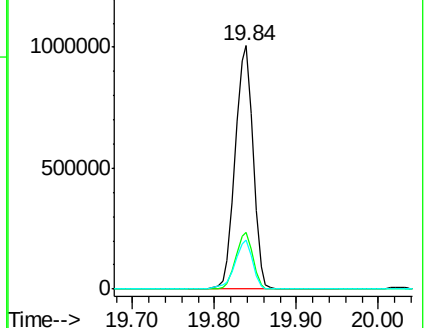
203 20.2 14.6 22.0

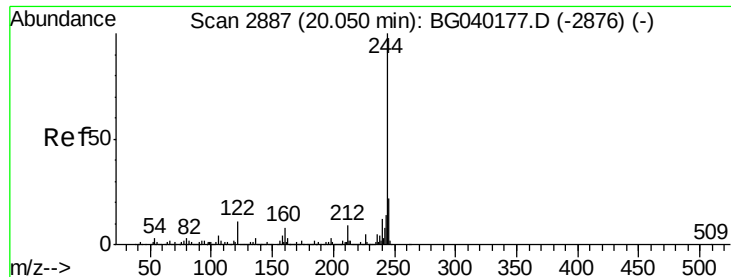


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.232 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampleId :

PB118645BS

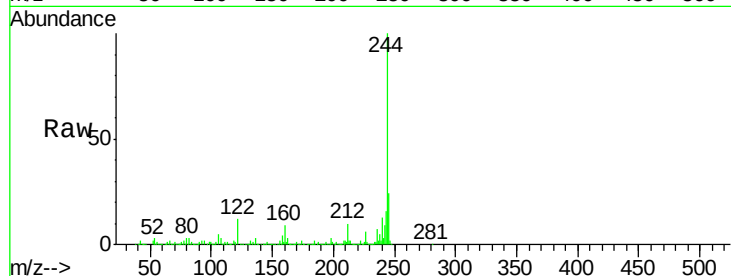
Tot Ion:244 Resp: 2048483

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.6

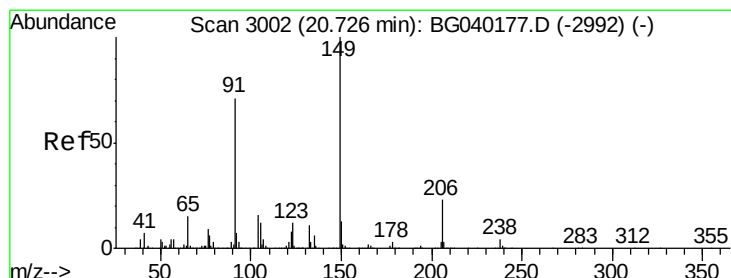
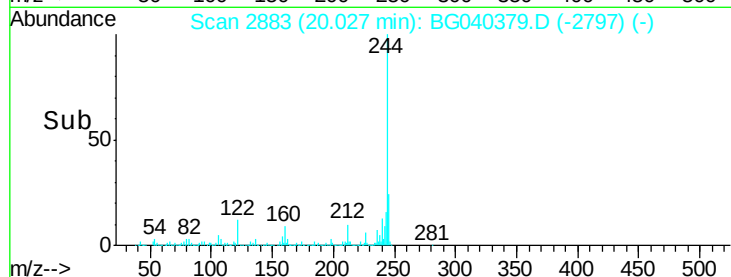
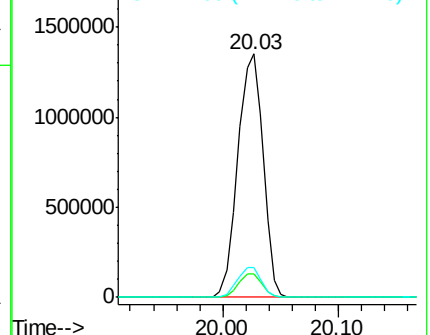
122 12.4 8.5 12.7



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: 41.690 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

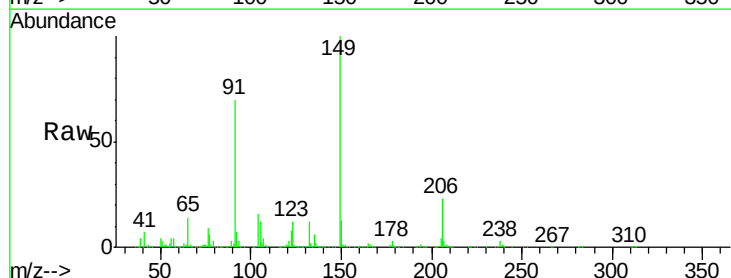
Tgt Ion:149 Resp: 709200

Ion Ratio Lower Upper

149 100

91 69.7 57.0 85.4

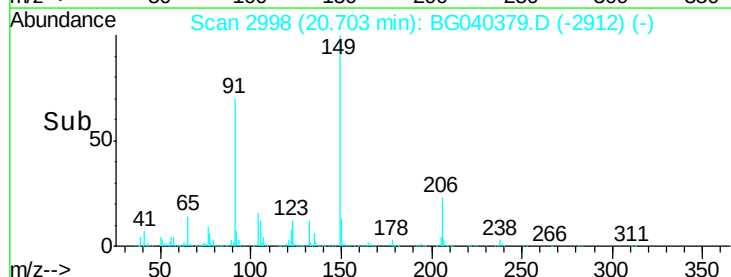
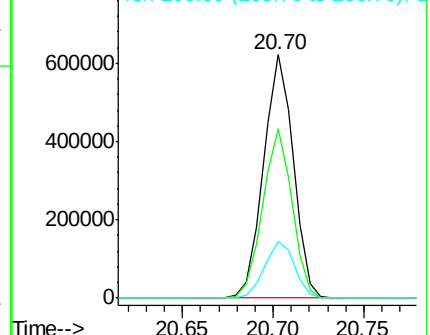
206 23.3 18.2 27.4

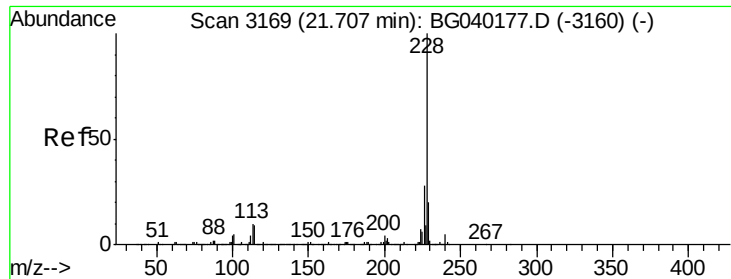


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

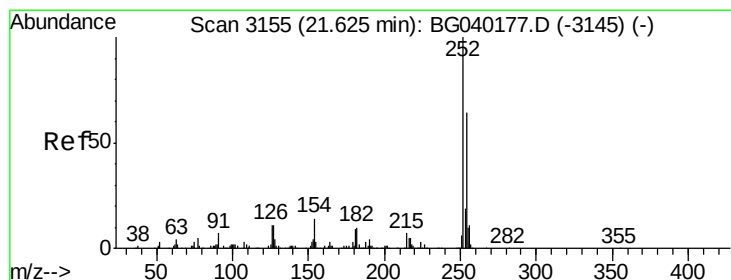
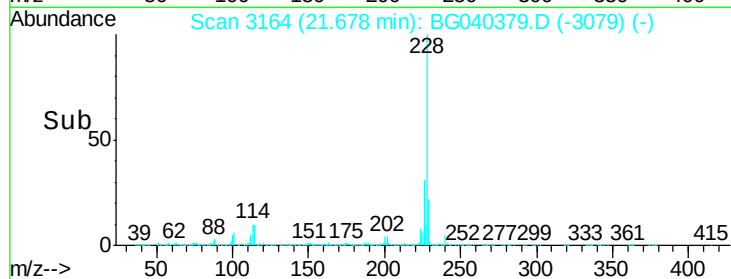
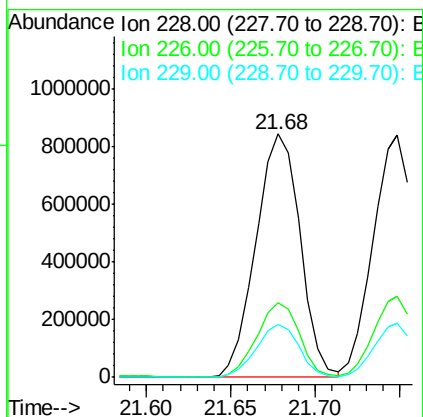
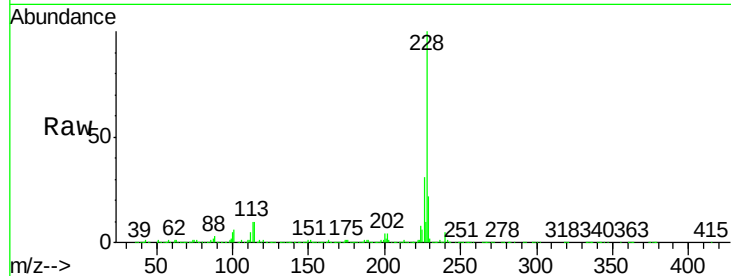




#81
Benzo(a)anthracene
Concen: 41.384 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

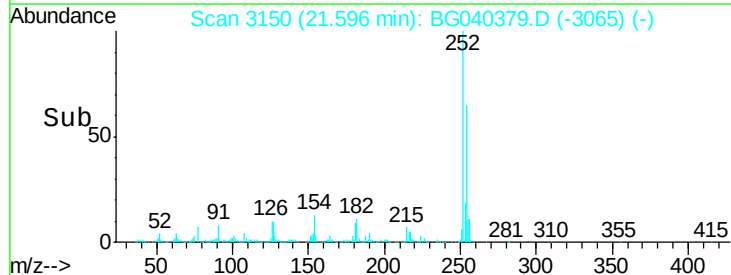
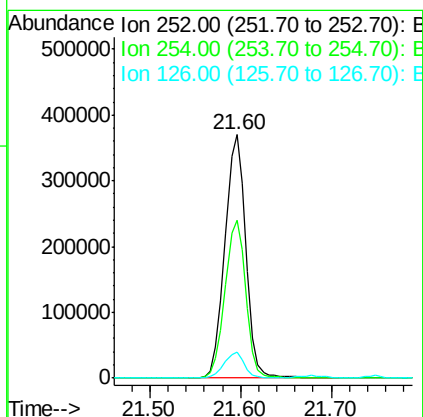
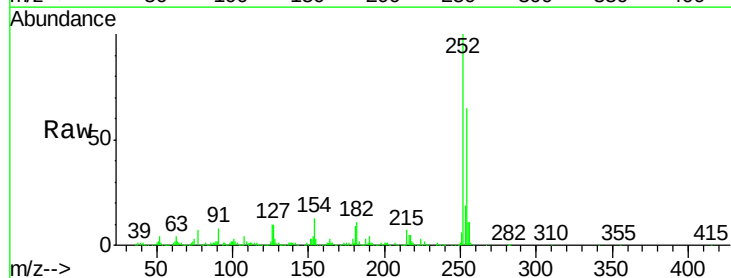
Instrument :
BNA_G
ClientSampleId :
PB118645BS

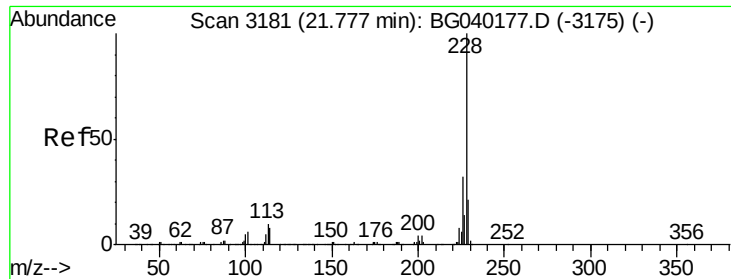
Tot Ion:228 Resp: 1540937
Ion Ratio Lower Upper
228 100
226 30.5 22.6 34.0
229 22.0 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 41.864 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.03 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion:252 Resp: 592976
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 10.5 8.5 12.7





#83

Chrysene

Concen: 40.364 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.03 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

Instrument :

BNA_G

ClientSampled :

PB118645BS

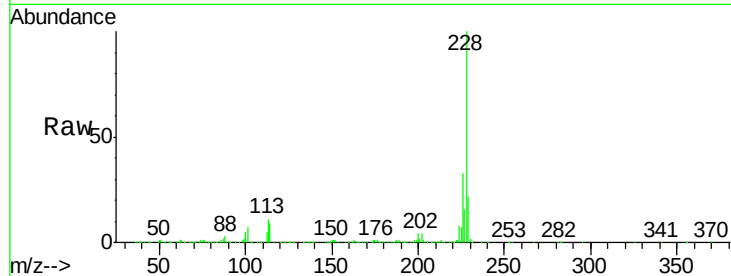
Tot Ion:228 Resp: 1444428

Ion Ratio Lower Upper

228 100

226 33.3 25.4 38.0

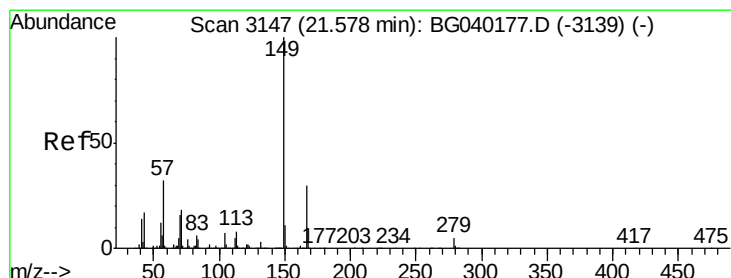
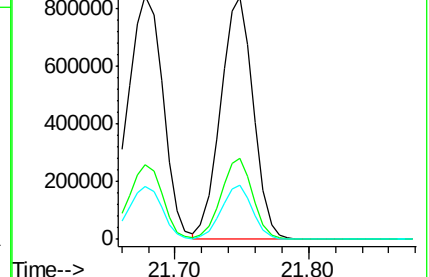
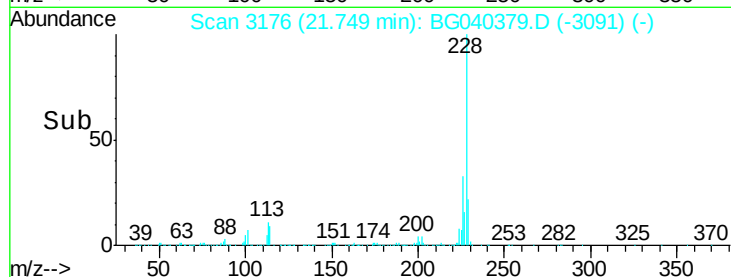
229 22.2 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.259 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG040379.D

Acq: 5 Apr 2019 16:25

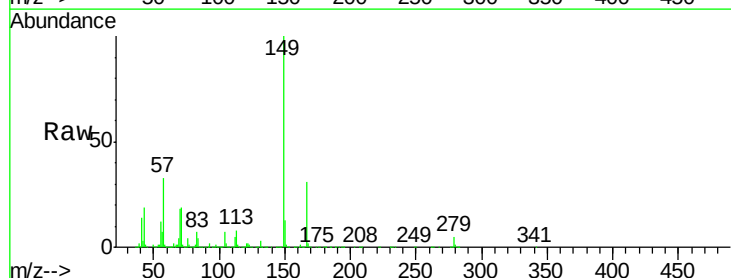
Tgt Ion:149 Resp: 1003290

Ion Ratio Lower Upper

149 100

167 30.8 24.1 36.1

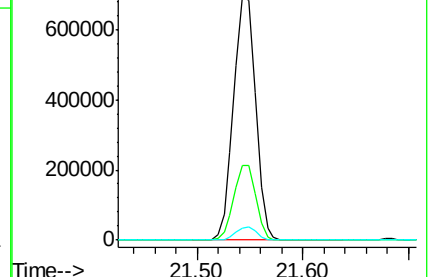
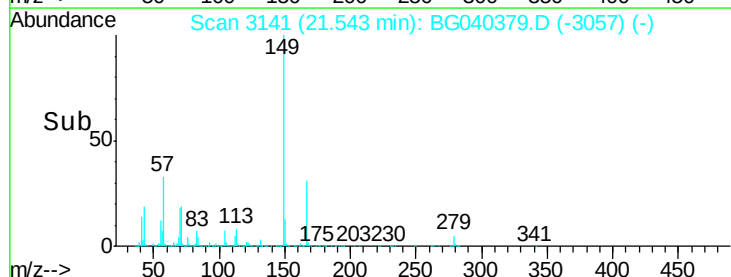
279 5.0 4.1 6.1

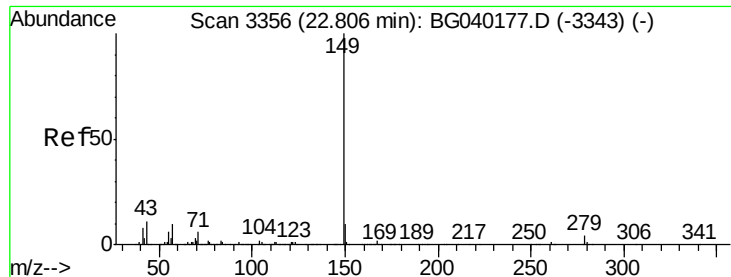


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

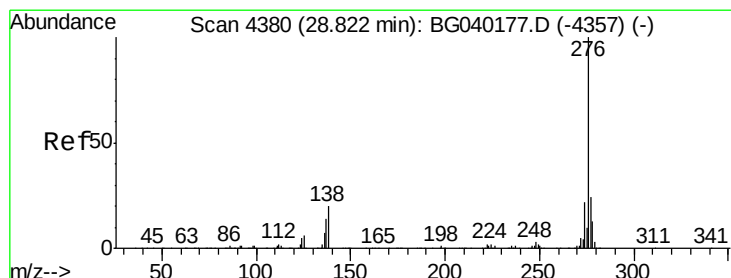
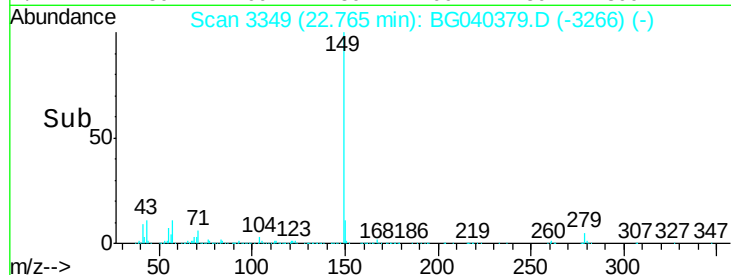
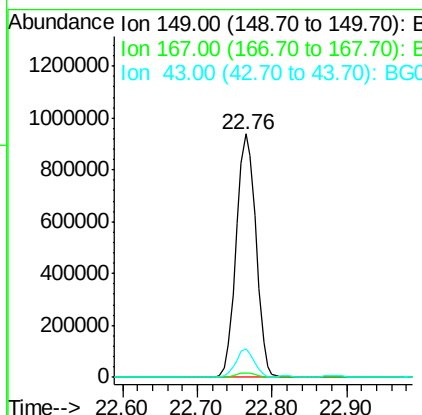
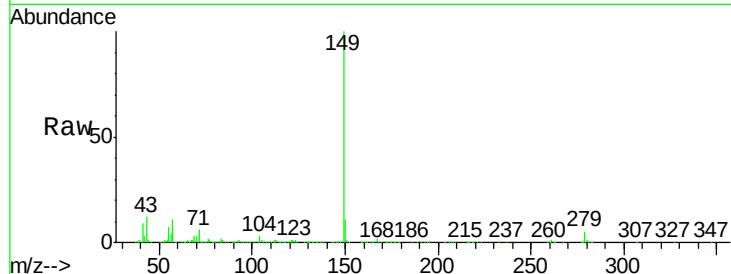




#85
Di-n-octyl phthalate
Concen: 41.560 ng
RT: 22.76 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

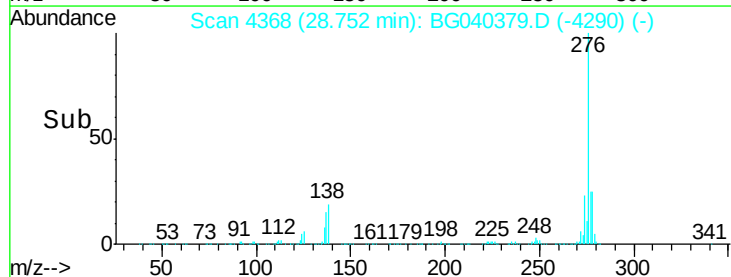
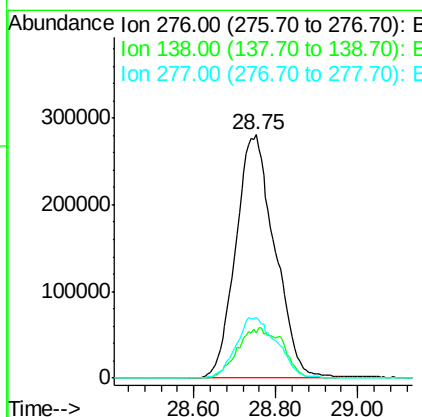
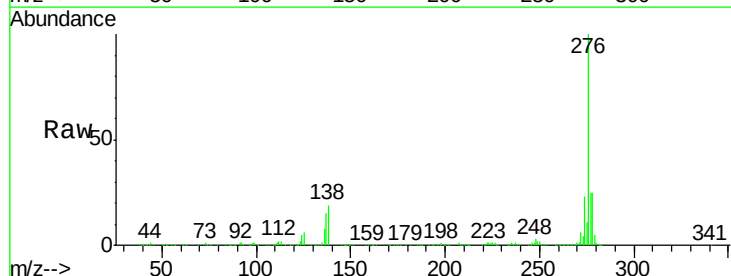
Instrument :
BNA_G
ClientSampleId :
PB118645BS

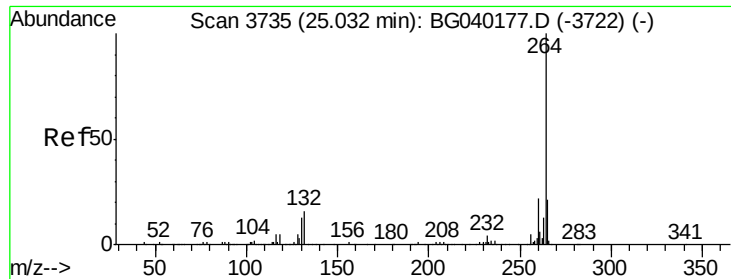
Tot Ion:149 Resp: 1721825
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.9 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.338 ng
RT: 28.75 min Scan# 4368
Delta R.T. -0.07 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion:276 Resp: 1853028
Ion Ratio Lower Upper
276 100
138 23.9 18.8 28.2
277 26.1 21.0 31.4



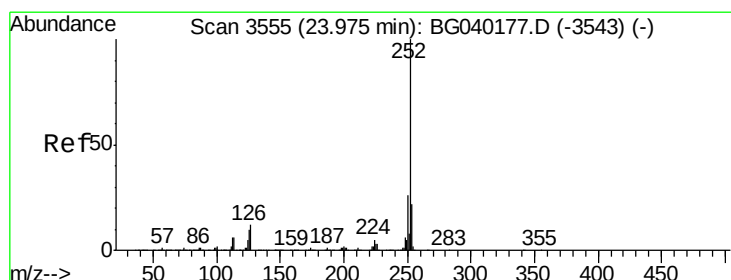
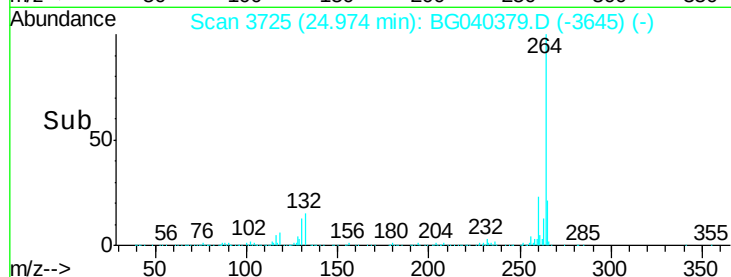
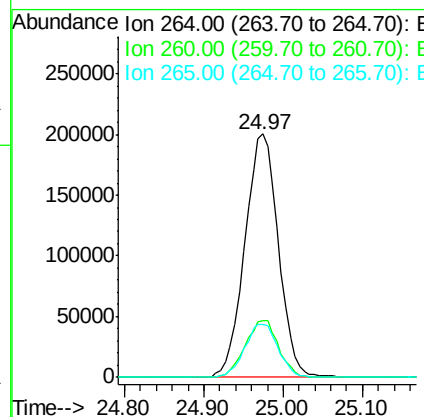
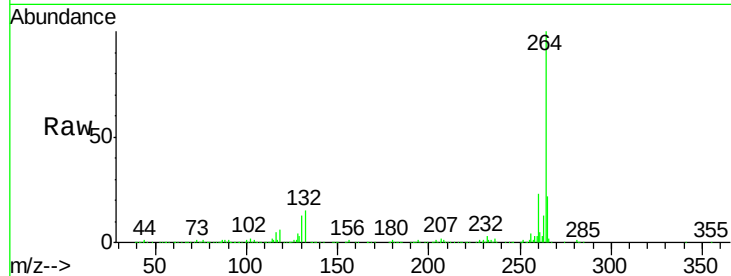


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Instrument :
BNA_G
ClientSampleId :
PB118645BS

Tot Ion:264 Resp: 588710

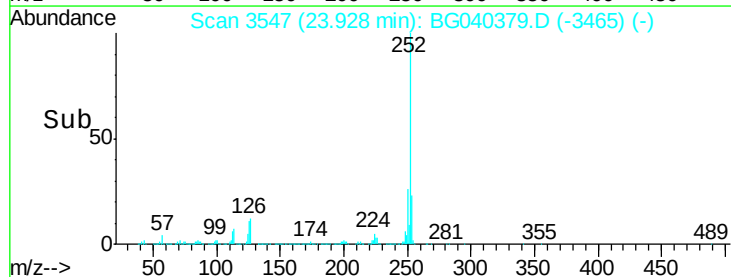
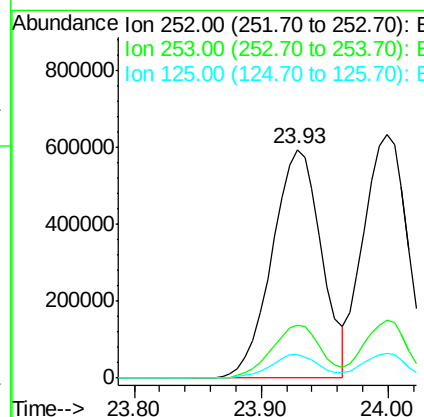
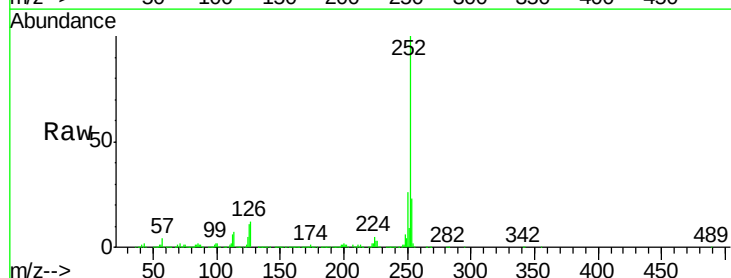
Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	21.5	16.8	25.2

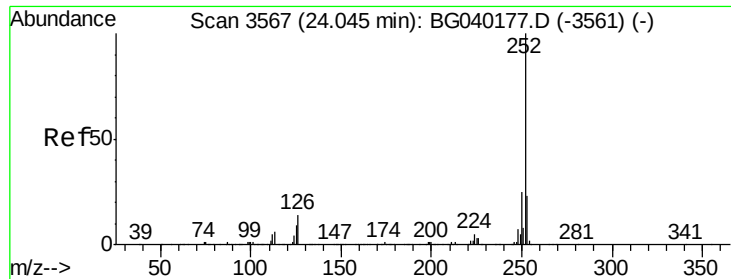


#88
Benzo(b)fluoranthene
Concen: 44.666 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.05 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion:252 Resp: 1609885

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	10.5	8.2	12.4

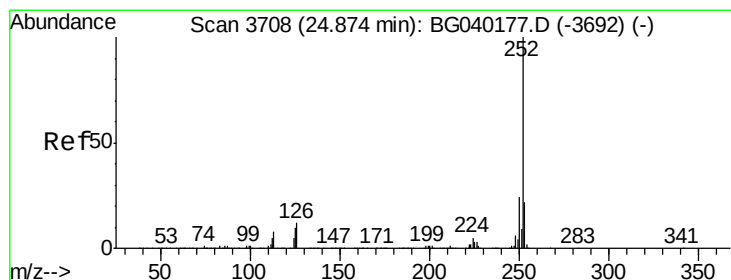
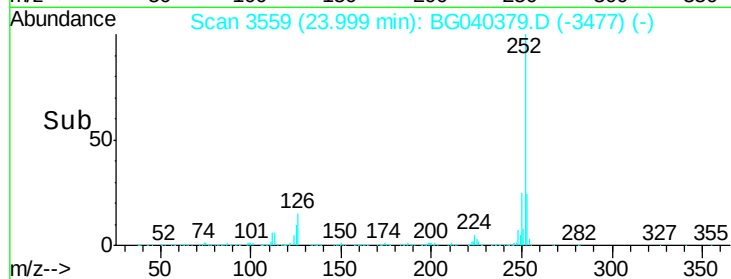
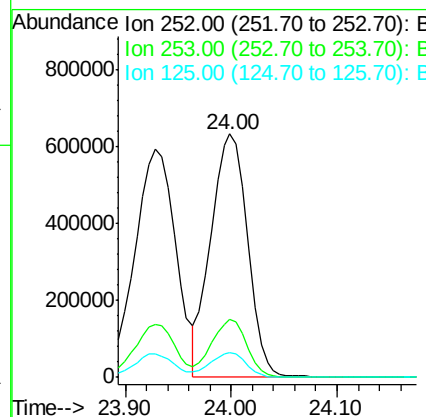
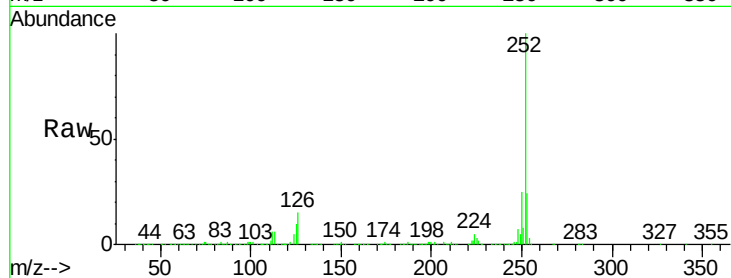




#89
Benzo(k)fluoranthene
Concen: 46.060 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.05 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

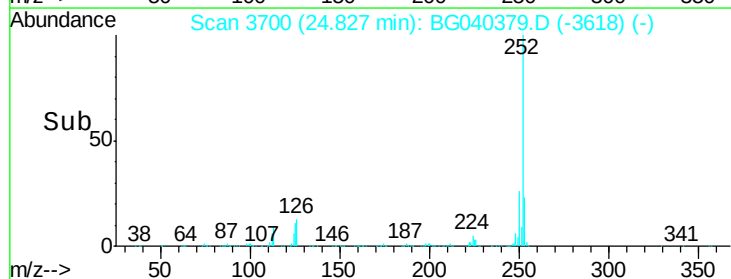
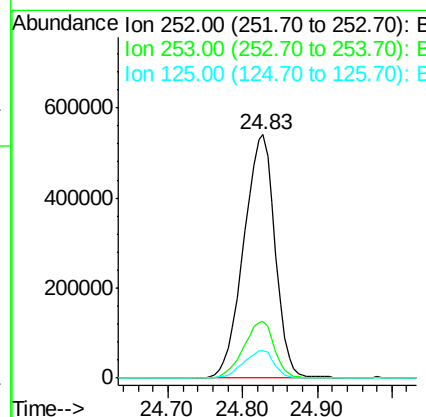
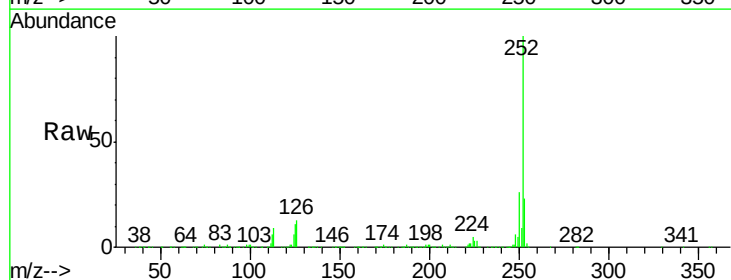
Instrument :
BNA_G
ClientSampleId :
PB118645BS

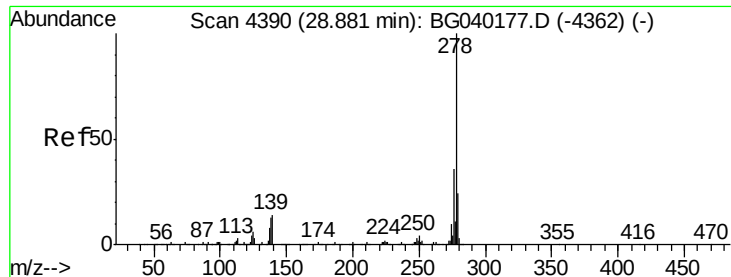
Tot Ion:252 Resp: 1526688
Ion Ratio Lower Upper
252 100
253 23.8 18.6 28.0
125 10.3 7.3 10.9



#90
Benzo(a)pyrene
Concen: 46.532 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.05 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion:252 Resp: 1573622
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 11.0 8.3 12.5

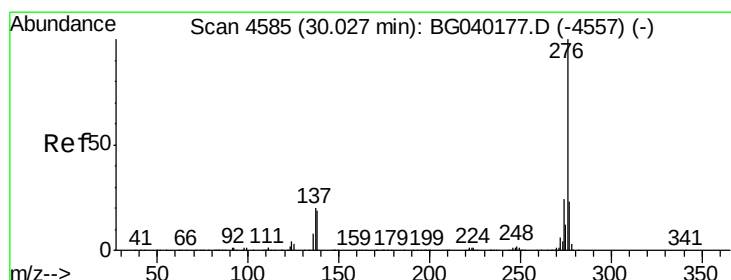
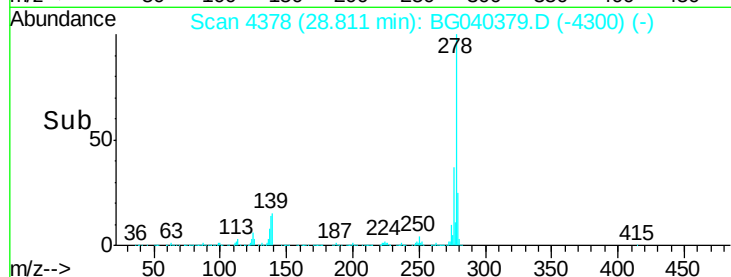
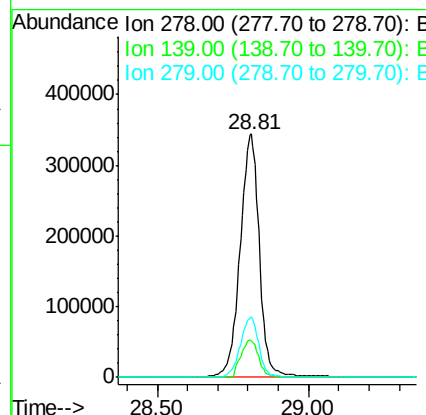
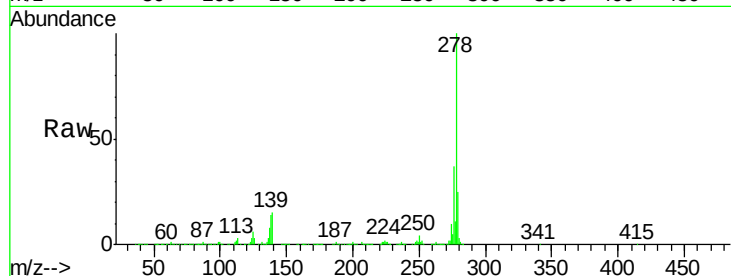




#91
Dibenzo(a,h)anthracene
Concen: 48.411 ng
RT: 28.81 min Scan# 4378
Delta R.T. -0.07 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Instrument :
BNA_G
ClientSampleId :
PB118645BS

Tot Ion:278 Resp: 1520511
Ion Ratio Lower Upper
278 100
139 14.6 11.2 16.8
279 24.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 47.721 ng
RT: 29.94 min Scan# 4570
Delta R.T. -0.09 min
Lab File: BG040379.D
Acq: 5 Apr 2019 16:25

Tgt Ion:276 Resp: 1540383
Ion Ratio Lower Upper
276 100
277 24.6 18.6 28.0
138 19.0 15.2 22.8

