

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
 Data File : BG041159.D
 Acq On : 10 Jun 2019 11:02
 Operator : HP/JU
 Sample : PB120413BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

Quant Time: Jun 11 03:45:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	38285	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	161335	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	123653	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	314872	20.00	ng	0.00
76) Chrysene-d12	21.76	240	319512	20.00	ng	0.00
87) Perylene-d12	25.08	264	342219	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	332349	156.54	ng	0.00
7) Phenol-d6	7.26	99	496127	151.30	ng	0.00
23) Nitrobenzene-d5	9.28	82	338810	93.23	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	274787	149.69	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	811261	94.48	ng	0.00
79) Terphenyl-d14	20.08	244	1463765	97.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	34259	35.559	ng	96
3) Pyridine	3.91	79	98989	34.723	ng	93
4) n-Nitrosodimethylamine	3.83	42	56818	42.943	ng	# 89
6) Aniline	7.43	93	70122	16.021	ng	97
8) 2-Chlorophenol	7.67	128	120789	47.720	ng	95
9) Benzaldehyde	7.24	77	39581	20.235	ng	85
10) Phenol	7.28	94	162455	46.208	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	102786	40.300	ng	96
12) 1,3-Dichlorobenzene	7.99	146	123601	40.885	ng	95
13) 1,4-Dichlorobenzene	8.14	146	125582	41.038	ng	98
14) 1,2-Dichlorobenzene	8.46	146	123213	41.469	ng	99
15) Benzyl Alcohol	8.34	79	134237	44.256	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.62	45	162082	38.890	ng	98
17) 2-Methylphenol	8.54	107	114979	45.169	ng	98
18) Hexachloroethane	9.18	117	47886	40.601	ng	93
19) n-Nitroso-di-n-propylamine	8.91	70	102169	40.489	ng	98
20) 3+4-Methylphenols	8.87	107	159982	45.371	ng	97
22) Acetophenone	8.94	105	198969	43.964	ng	97
24) Nitrobenzene	9.33	77	164743	44.482	ng	98
25) Isophorone	9.84	82	296683	42.897	ng	98
26) 2-Nitrophenol	10.03	139	72013	47.166	ng	93
27) 2,4-Dimethylphenol	10.08	122	128764	51.065	ng	91
28) bis(2-Chloroethoxy)methane	10.32	93	158269	42.399	ng	98
29) 2,4-Dichlorophenol	10.57	162	147782	46.151	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	159537	43.797	ng	95
31) Naphthalene	10.98	128	389301	44.942	ng	99
32) Benzoic acid	10.23	122	73184	39.133	ng	96
33) 4-Chloroaniline	11.09	127	42294	10.523	ng	100
34) Hexachlorobutadiene	11.24	225	114058	40.922	ng	97
35) Caprolactam	11.87	113	32259	30.507	ng	95
36) 4-Chloro-3-methylphenol	12.20	107	169801	46.432	ng	98
37) 2-Methylnaphthalene	12.57	142	298358	44.721	ng	99
38) 1-Methylnaphthalene	12.80	142	288403	45.875	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	223557	44.856	ng	99

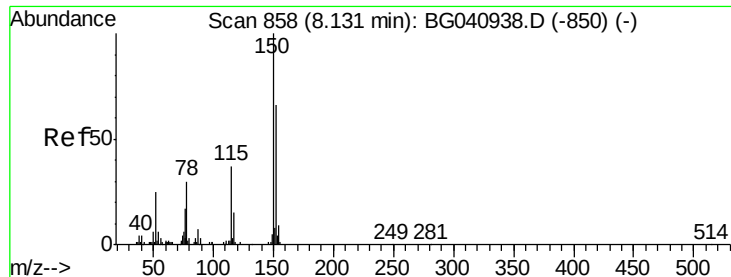
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
 Data File : BG041159.D
 Acq On : 10 Jun 2019 11:02
 Operator : HP/JU
 Sample : PB120413BSD
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	251333	92.392	ng	95
43) 2,4,6-Trichlorophenol	13.17	196	145072	44.996	ng	95
44) 2,4,5-Trichlorophenol	13.25	196	154943	45.568	ng	98
46) 1,1'-Biphenyl	13.57	154	415710	45.418	ng	99
47) 2-Chloronaphthalene	13.62	162	342639	43.605	ng	99
48) 2-Nitroaniline	13.83	65	120691	42.814	ng	98
49) Acenaphthylene	14.47	152	534926	45.232	ng	99
50) Dimethylphthalate	14.19	163	446644	42.671	ng	99
51) 2,6-Dinitrotoluene	14.32	165	102081	45.232	ng	98
52) Acenaphthene	14.80	154	310912	43.397	ng	96
53) 3-Nitroaniline	14.65	138	50846	22.531	ng	94
54) 2,4-Dinitrophenol	14.86	184	103442	85.427	ng	93
55) Dibenzofuran	15.13	168	553135	45.884	ng	98
56) 4-Nitrophenol	14.95	139	152009	98.201	ng	93
57) 2,4-Dinitrotoluene	15.10	165	150020	47.058	ng	98
58) Fluorene	15.78	166	430288	44.819	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	158262	47.361	ng	99
60) Diethylphthalate	15.53	149	459803	43.044	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	273791	43.876	ng	97
62) 4-Nitroaniline	15.82	138	101509	42.487	ng	97
63) Azobenzene	16.06	77	429595	44.248	ng	97
65) 4,6-Dinitro-2-methylphenol	15.86	198	81891	48.439	ng	92
66) n-Nitrosodiphenylamine	15.99	169	397467	44.904	ng	100
67) 4-Bromophenyl-phenylether	16.66	248	175403	41.278	ng	98
68) Hexachlorobenzene	16.77	284	186891	41.303	ng	97
69) Atrazine	16.93	200	169283	49.565	ng	97
70) Pentachlorophenol	17.13	266	203308	83.668	ng	97
71) Phenanthrene	17.53	178	748540	45.639	ng	99
72) Anthracene	17.61	178	767156	47.426	ng	99
73) Carbazole	17.89	167	667076	48.061	ng	99
74) Di-n-butylphthalate	18.42	149	780685	45.255	ng	100
75) Fluoranthene	19.53	202	983742	48.560	ng	100
77) Benzidine	19.71	184	147461	19.347	ng	96
78) Pyrene	19.89	202	982264	47.292	ng	99
80) Butylbenzylphthalate	20.75	149	368326	45.568	ng	98
81) Benzo(a)anthracene	21.74	228	961114	45.189	ng	100
82) 3,3'-Dichlorobenzidine	21.65	252	153491	20.518	ng	98
83) Chrysene	21.81	228	933997	45.889	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	517668	45.495	ng	99
85) Di-n-octyl phthalate	22.84	149	862179	45.497	ng	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1103239	44.249	ng	# 98
88) Benzo(b)fluoranthene	24.02	252	953397	45.932	ng	99
89) Benzo(k)fluoranthene	24.09	252	948769	46.191	ng	99
90) Benzo(a)pyrene	24.93	252	947559	47.848	ng	96
91) Dibenzo(a,h)anthracene	28.98	278	902100	45.589	ng	99
92) Benzo(g,h,i)perylene	30.11	276	881640	45.861	ng	99

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

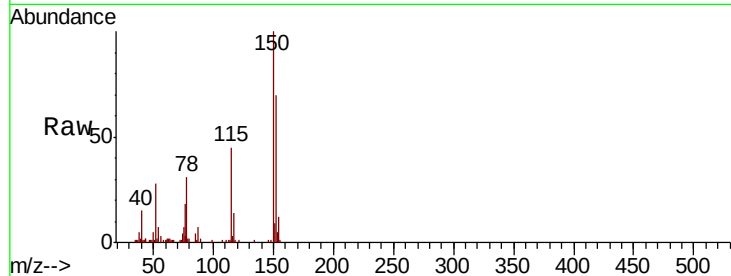


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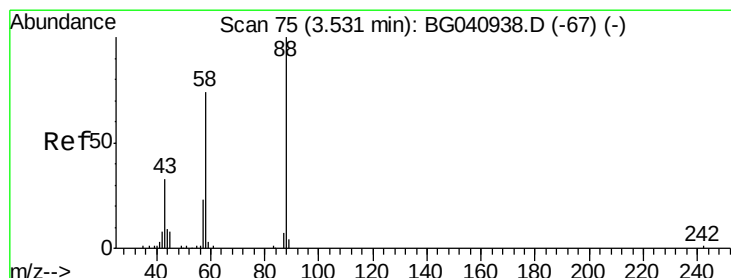
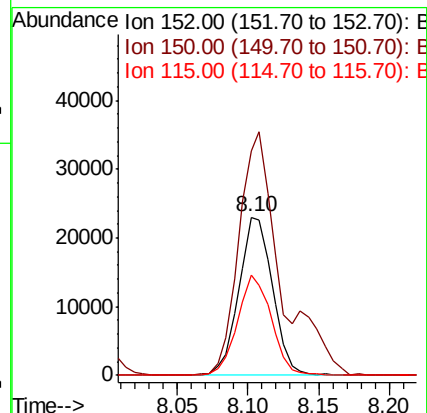
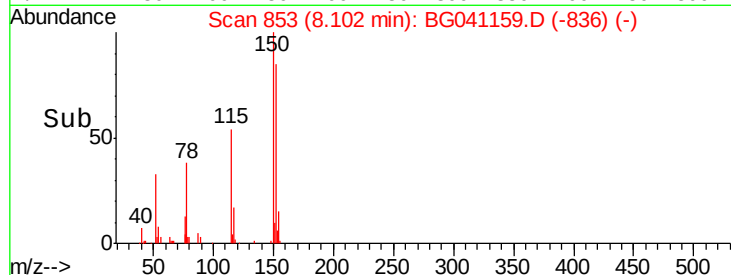
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tgt Ion: 152 Resp: 38285
Ion Ratio Lower Upper
152 100
150 142.2 120.6 180.8
115 63.4 45.1 67.7



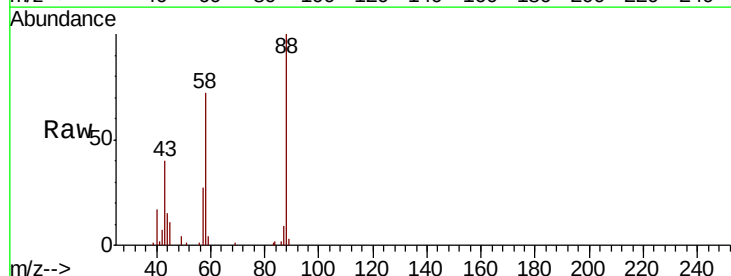
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



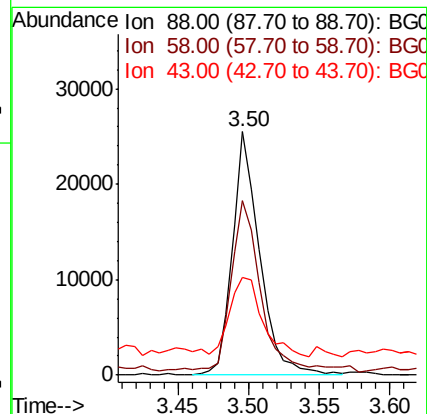
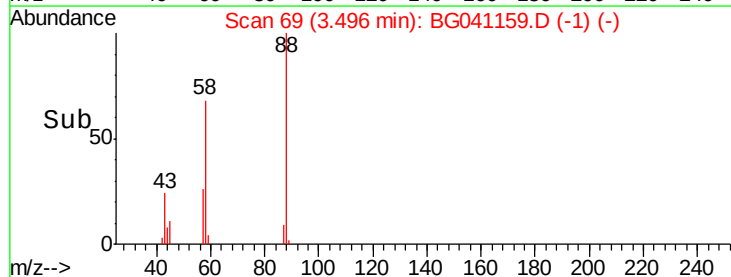
#2

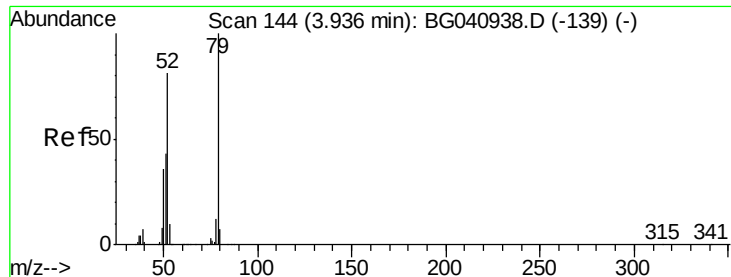
1,4-Dioxane
Concen: 35.559 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion: 88 Resp: 34259
Ion Ratio Lower Upper
88 100
58 72.8 59.0 88.6
43 39.5 27.2 40.8



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





#3

Pyridine

Concen: 34.723 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

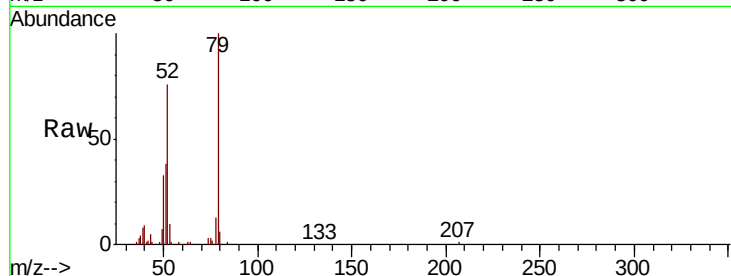
Tgt Ion: 79 Resp: 98989

Ion Ratio Lower Upper

79 100

52 75.8 64.8 97.2

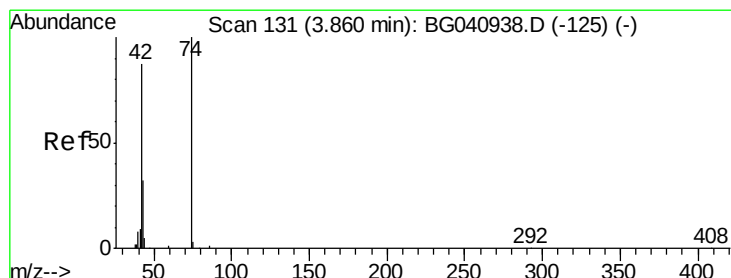
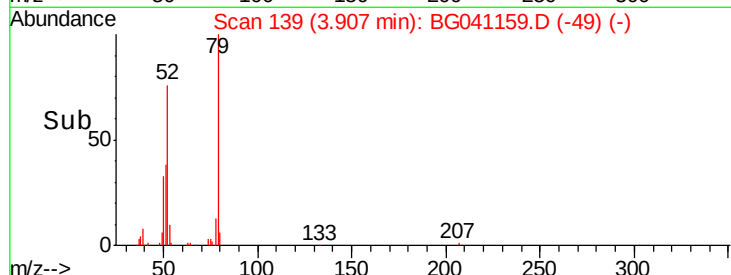
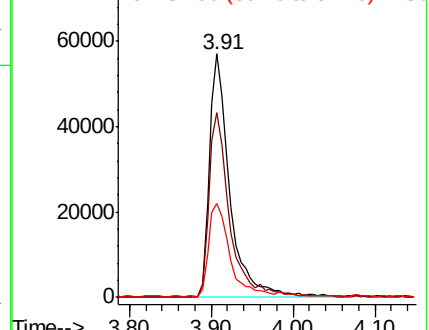
51 38.4 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.943 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

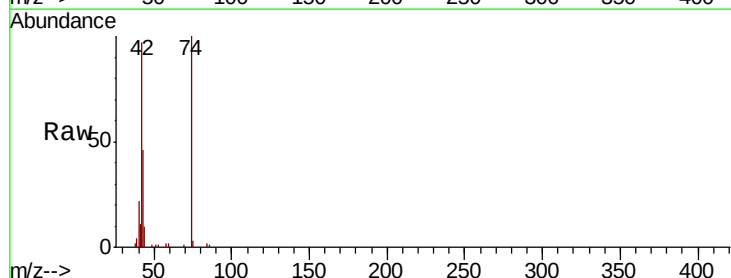
Tgt Ion: 42 Resp: 56818

Ion Ratio Lower Upper

42 100

74 102.6 91.8 137.6

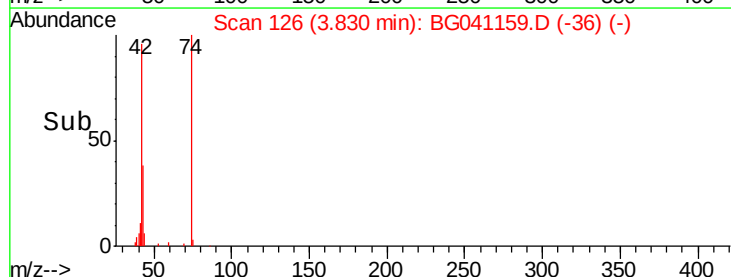
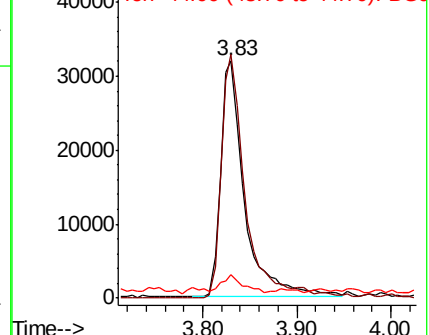
44 9.8 6.0 9.0#

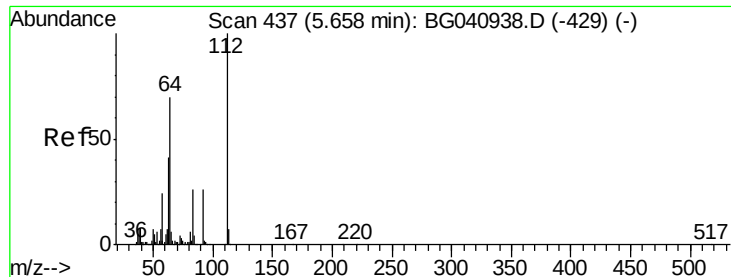


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 156.535 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

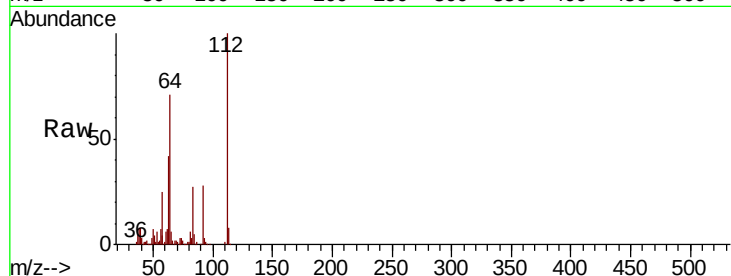
Tgt Ion: 112 Resp: 332349

Ion Ratio Lower Upper

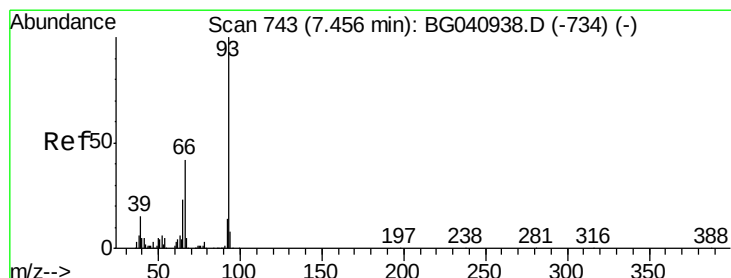
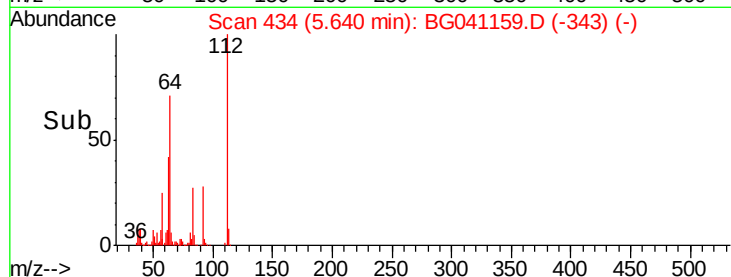
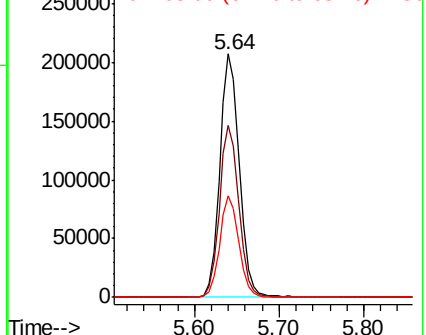
112 100

64 70.8 56.2 84.2

63 41.8 32.8 49.2



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: 16.021 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

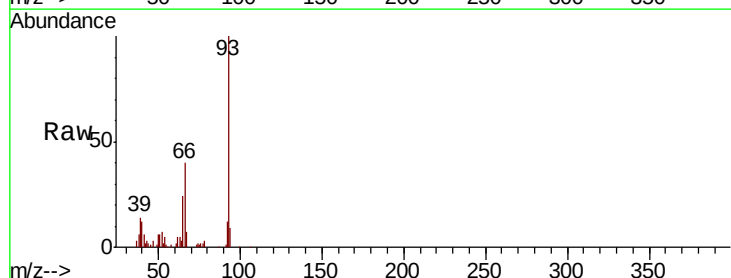
Tgt Ion: 93 Resp: 70122

Ion Ratio Lower Upper

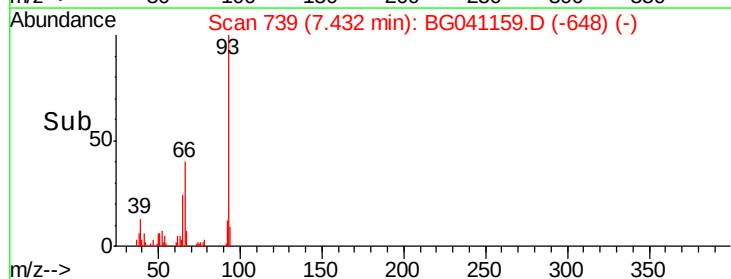
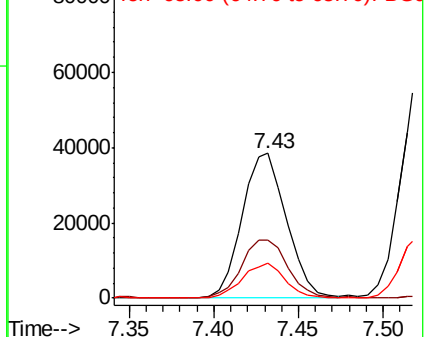
93 100

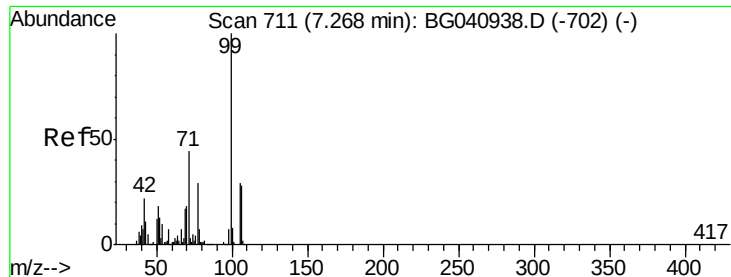
66 40.3 33.8 50.8

65 24.3 18.3 27.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.305 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

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BNA_G

ClientSampleId :

PB120413BSD

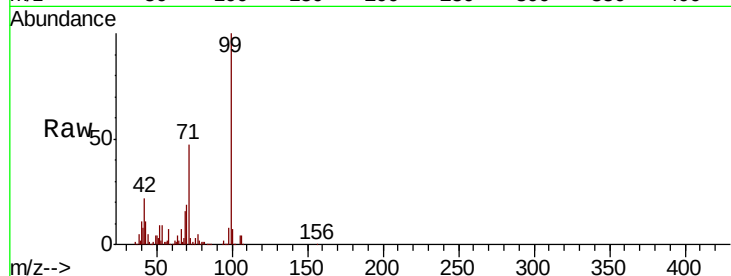
Tgt Ion: 99 Resp: 496127

Ion Ratio Lower Upper

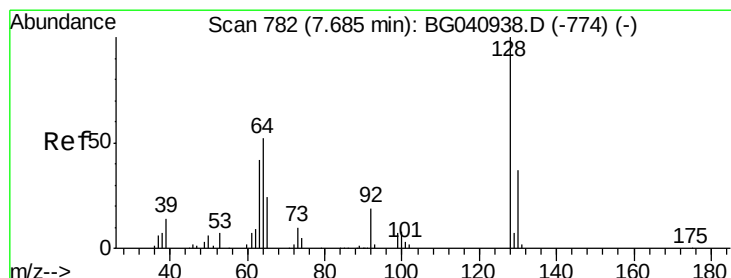
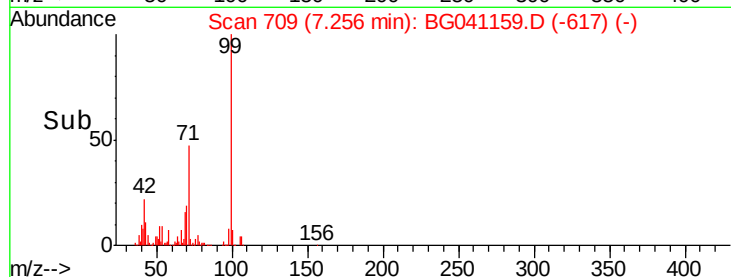
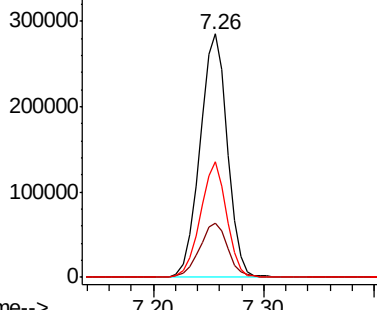
99 100

42 22.1 17.9 26.9

71 47.5 35.4 53.0



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



#8

2-Chlorophenol

Concen: 47.720 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

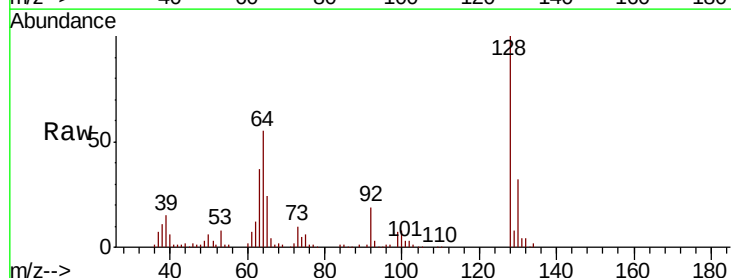
Tgt Ion: 128 Resp: 120789

Ion Ratio Lower Upper

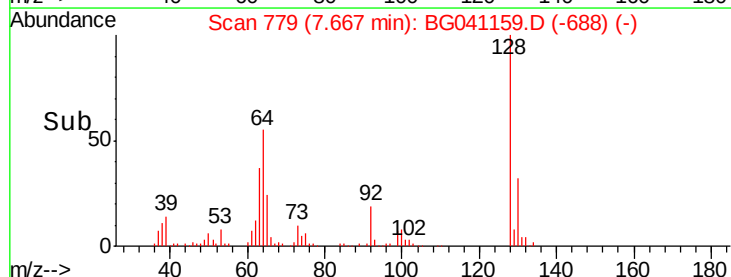
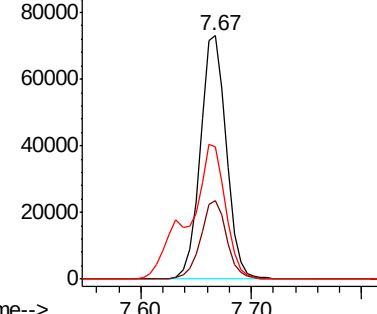
128 100

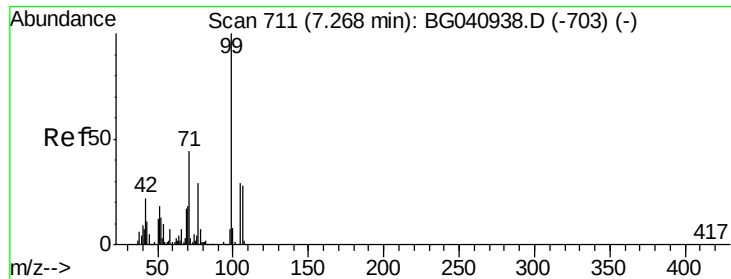
130 32.5 16.6 56.6

64 54.6 37.8 77.8



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: 20.235 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

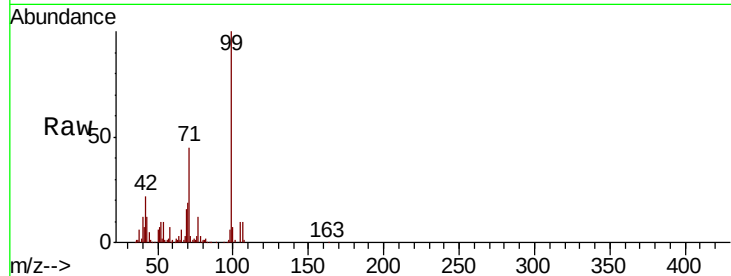
Tgt Ion: 77 Resp: 39581

Ion Ratio Lower Upper

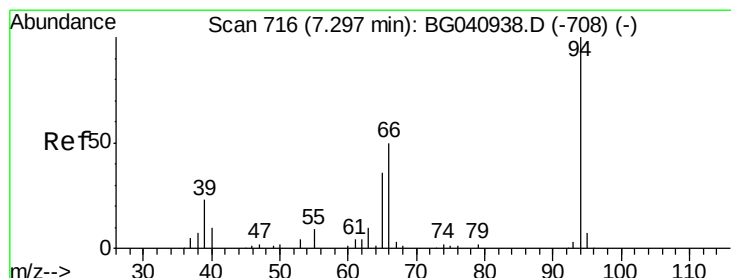
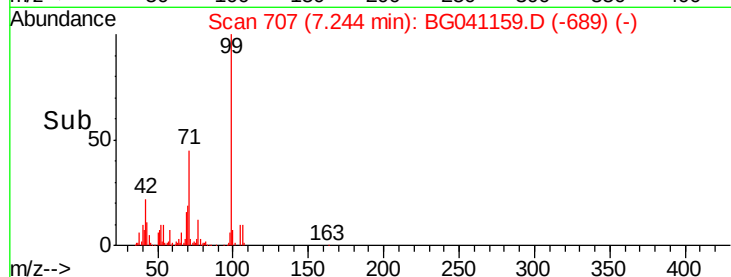
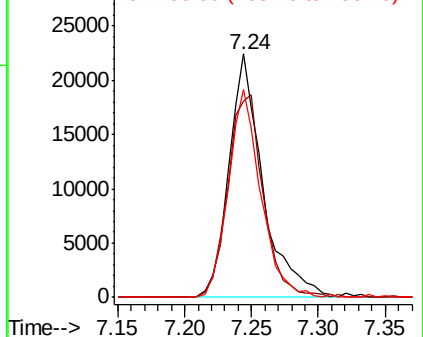
77 100

105 80.5 78.9 118.9

106 85.3 76.7 116.7



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: 46.208 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

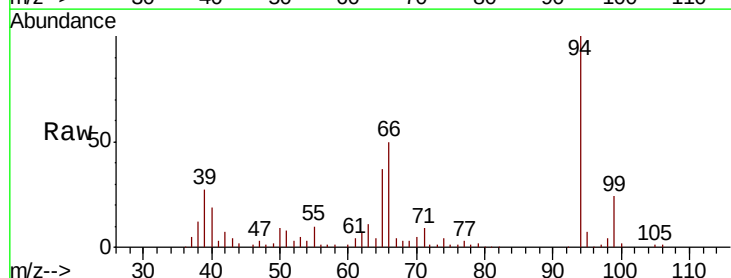
Tgt Ion: 94 Resp: 162455

Ion Ratio Lower Upper

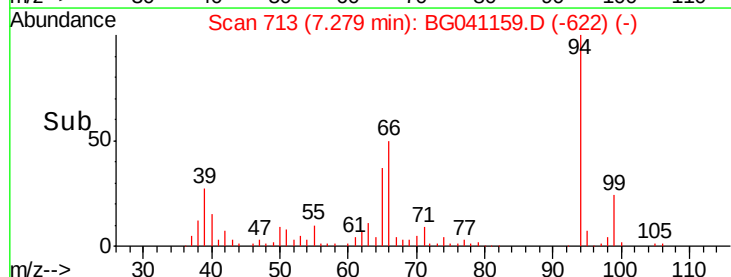
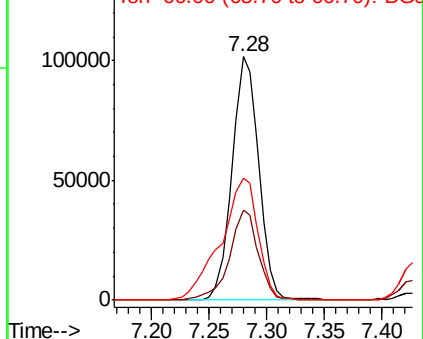
94 100

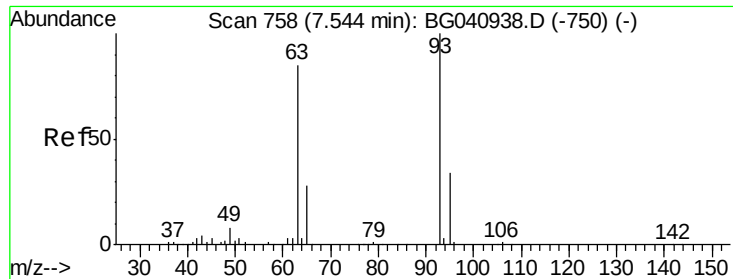
65 37.0 17.0 57.0

66 50.0 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

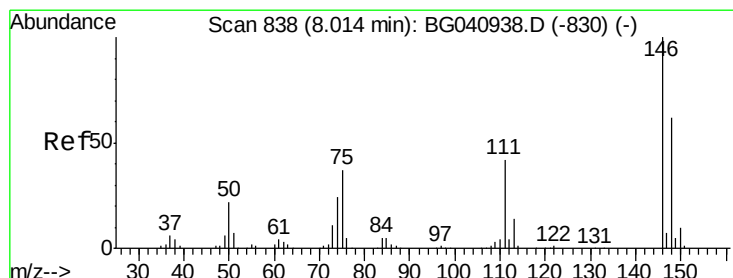
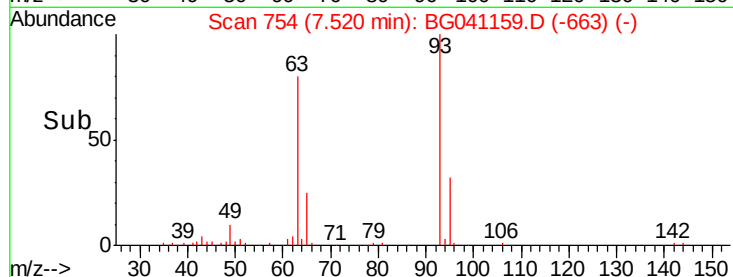
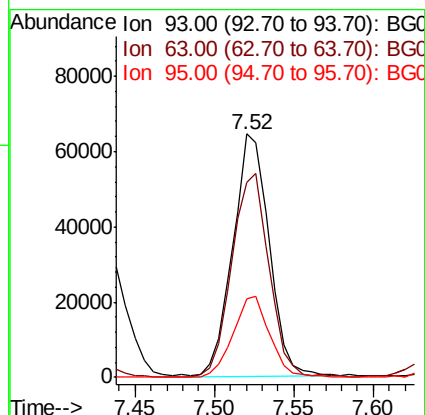
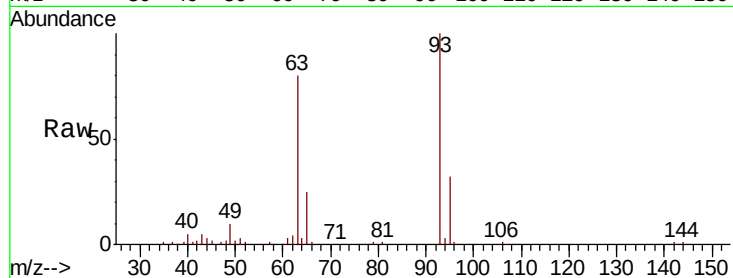




#11
 bis(2-Chloroethyl)ether
 Concen: 40.300 ng
 RT: 7.52 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

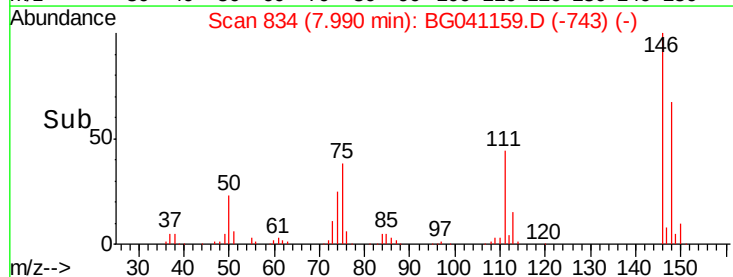
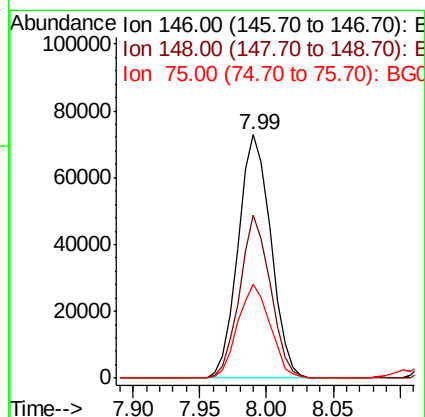
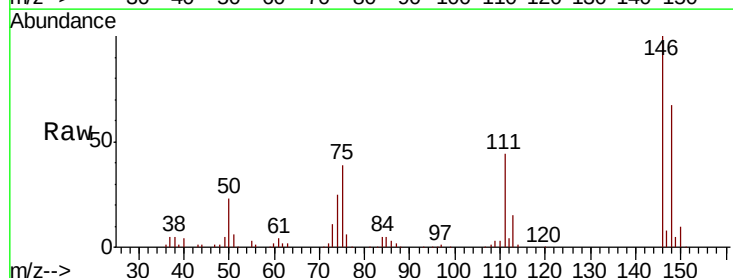
Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

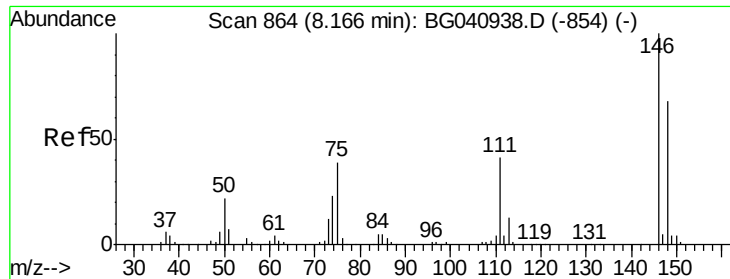
Tgt Ion: 93 Resp: 102786
 Ion Ratio Lower Upper
 93 100
 63 80.1 64.5 104.5
 95 32.3 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 40.885 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion: 146 Resp: 123601
 Ion Ratio Lower Upper
 146 100
 148 66.7 49.2 73.8
 75 38.6 29.4 44.0

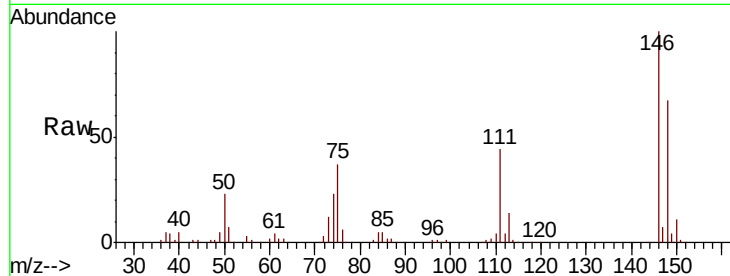




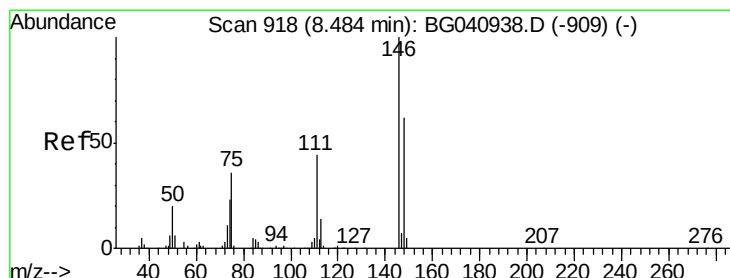
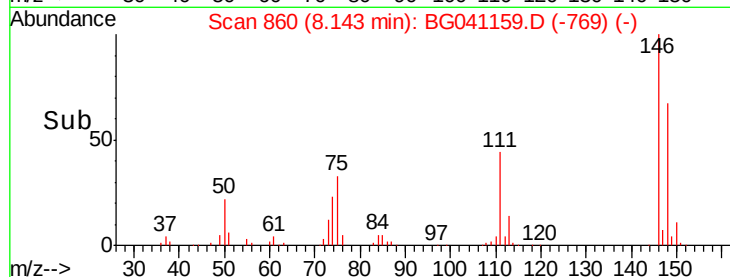
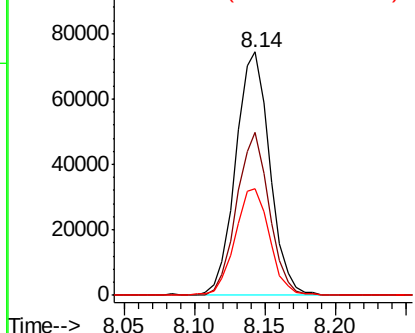
#13
 1,4-Dichlorobenzene
 Concen: 41.038 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

Tgt Ion:146 Resp: 125582
 Ion Ratio Lower Upper
 146 100
 148 66.9 54.2 81.4
 111 43.9 32.9 49.3

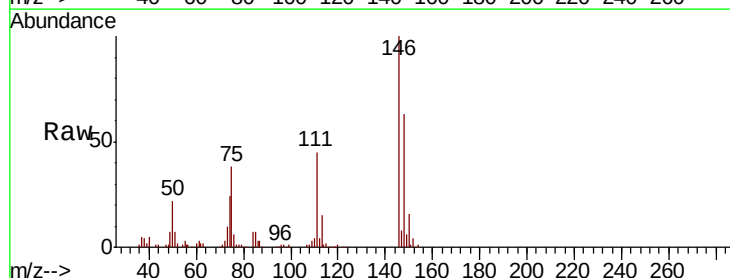


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

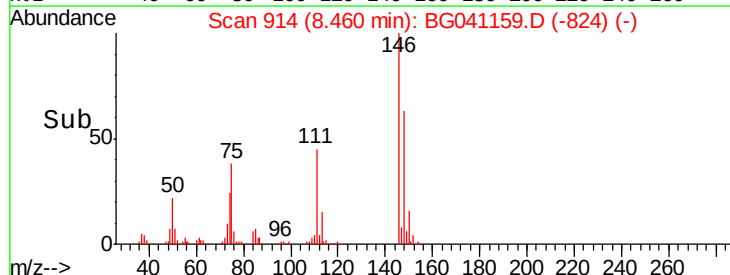
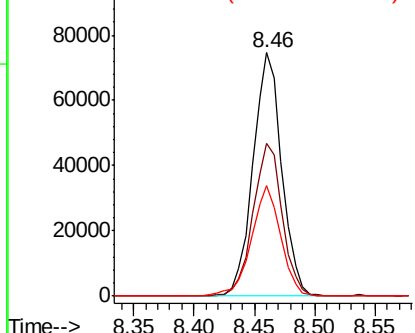


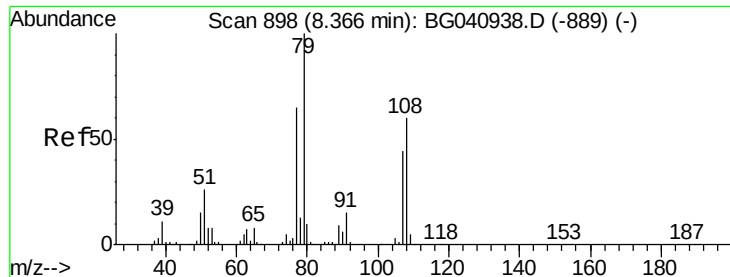
#14
 1,2-Dichlorobenzene
 Concen: 41.469 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion:146 Resp: 123213
 Ion Ratio Lower Upper
 146 100
 148 62.6 49.8 74.6
 111 45.5 35.0 52.4



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





#15

Benzyl Alcohol

Concen: 44.256 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

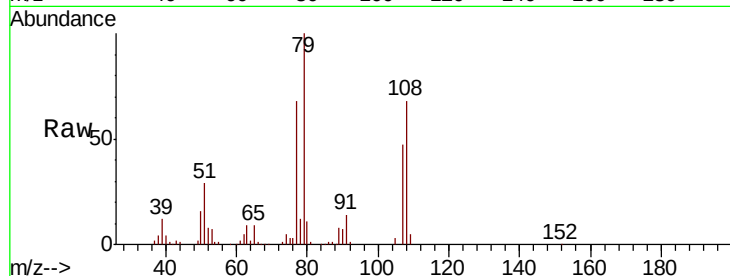
Tgt Ion: 79 Resp: 134237

Ion Ratio Lower Upper

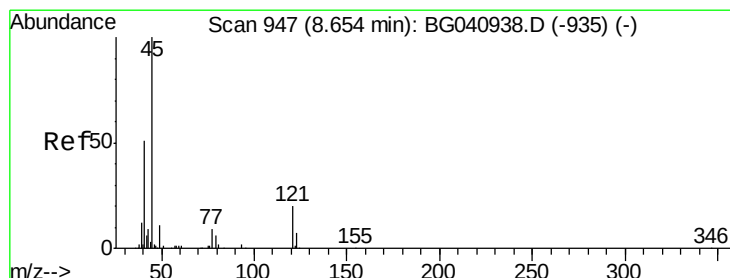
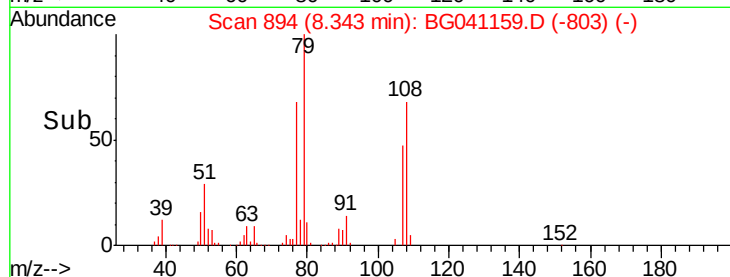
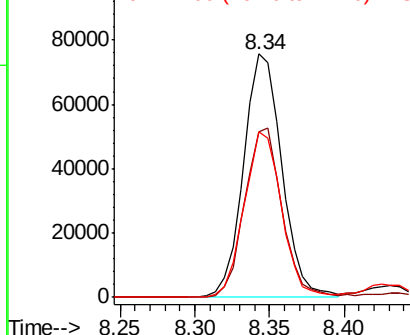
79 100

108 68.1 48.3 72.5

77 68.2 52.3 78.5



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: 38.890 ng

RT: 8.62 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

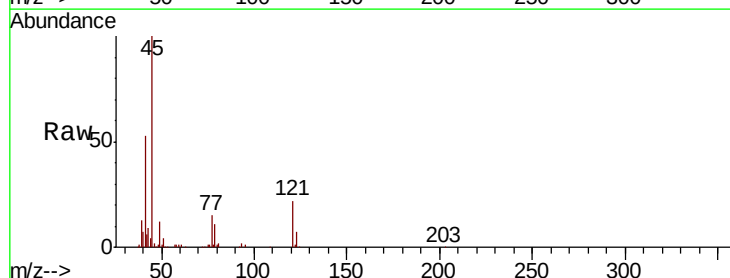
Tgt Ion: 45 Resp: 162082

Ion Ratio Lower Upper

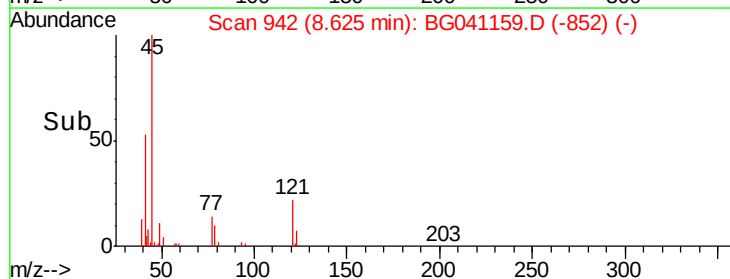
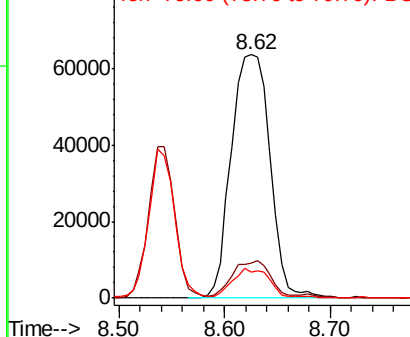
45 100

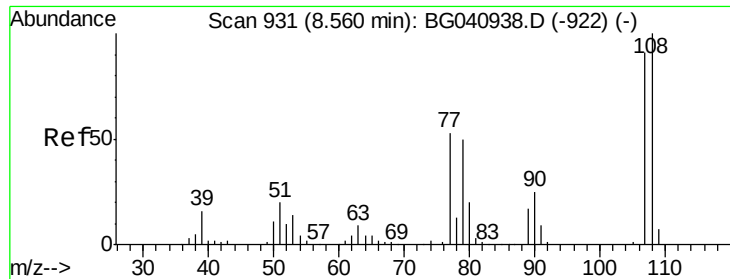
77 14.5 0.0 33.7

79 10.8 0.0 30.2



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

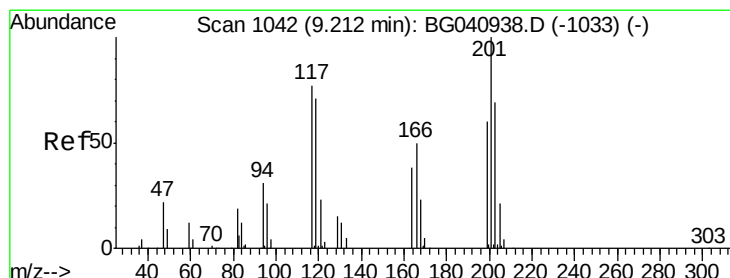
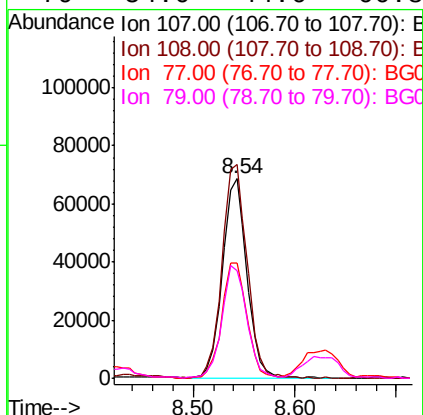
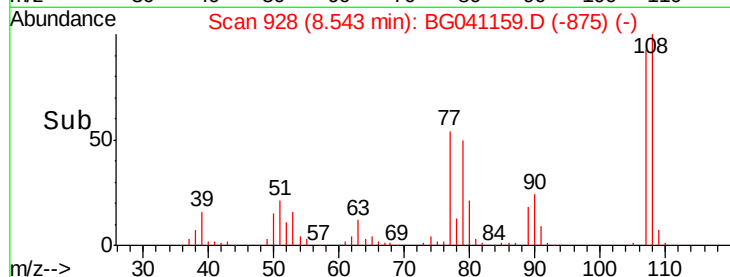
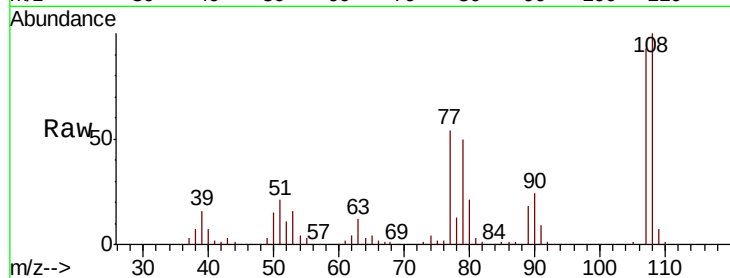




#17
2-Methylphenol
Concen: 45.169 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

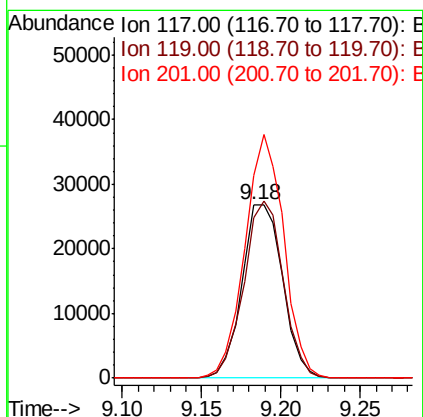
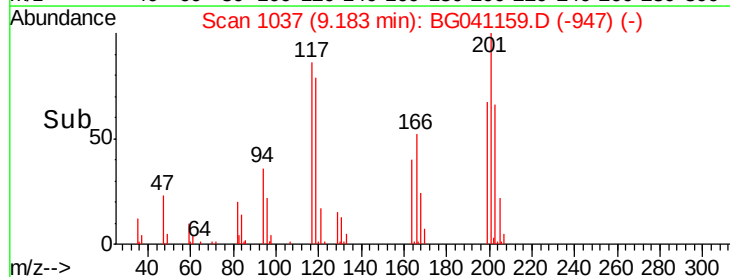
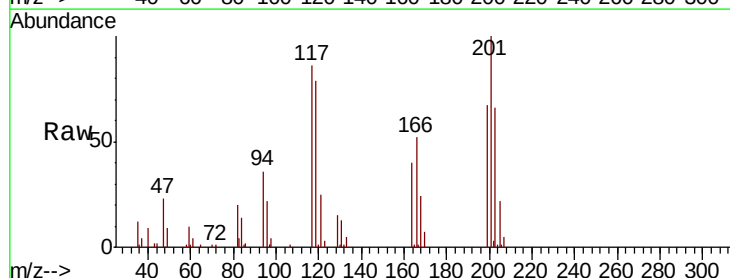
Instrument :
BNA_G
ClientSampleId :
PB120413BSD

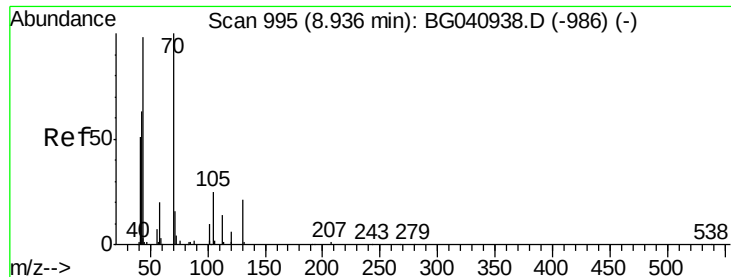
Tgt Ion:107 Resp: 114979
Ion Ratio Lower Upper
107 100
108 107.1 87.7 131.5
77 57.5 46.6 70.0
79 54.0 44.6 66.8



#18
Hexachloroethane
Concen: 40.601 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion:117 Resp: 47886
Ion Ratio Lower Upper
117 100
119 92.6 75.0 112.6
201 116.9 103.5 155.3

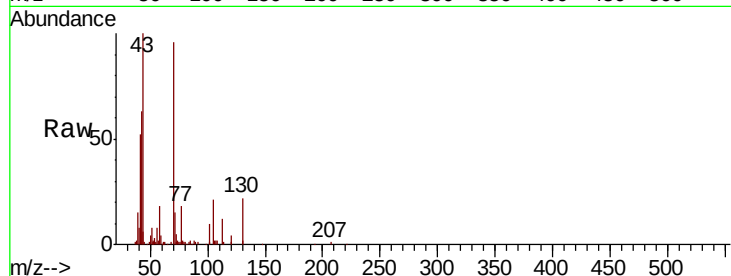




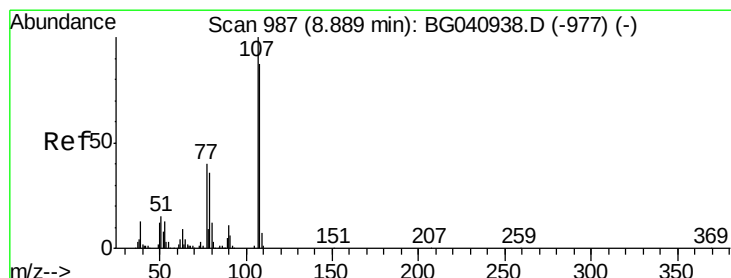
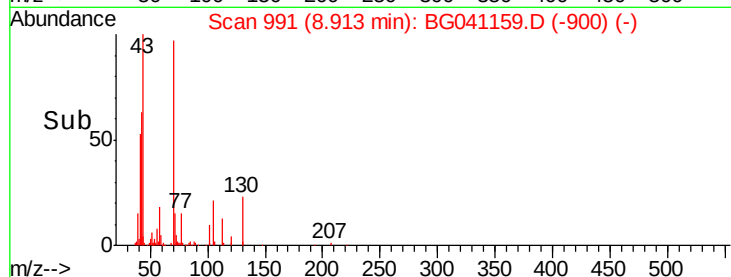
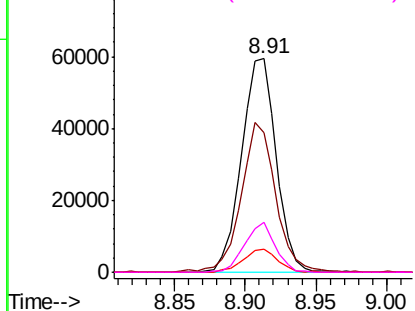
#19
n-Nitroso-di-n-propylamine
Concen: 40.489 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tgt Ion:	70	Resp:	102169
Ion	Ratio	Lower	Upper
70	100		
42	65.4	51.5	77.3
101	10.5	8.1	12.1
130	23.3	16.6	24.8

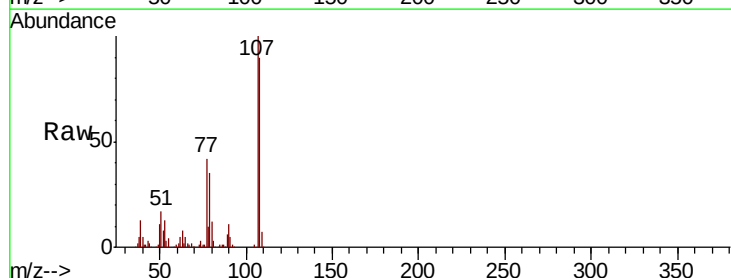


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

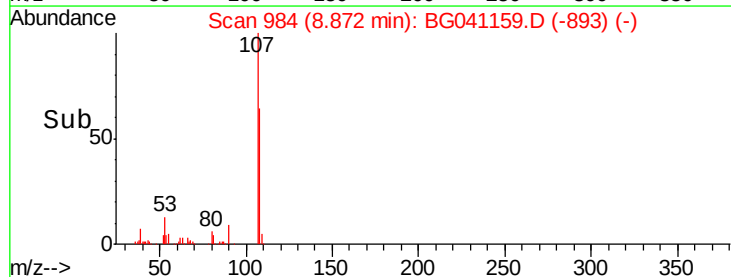
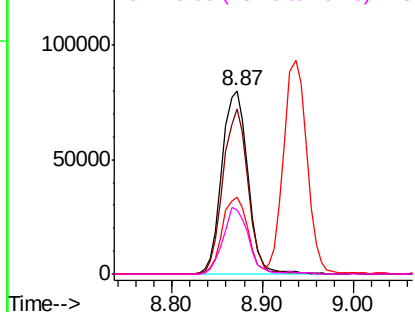


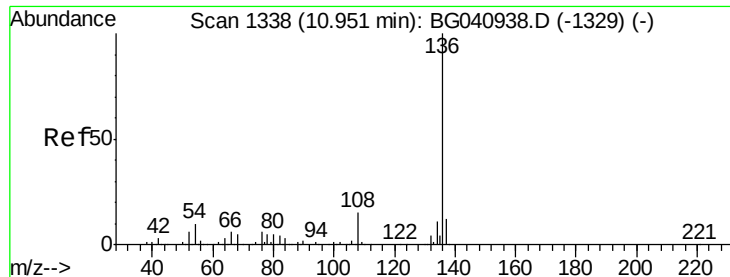
#20
3+4-Methylphenols
Concen: 45.371 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion:	107	Resp:	159982
Ion	Ratio	Lower	Upper
107	100		
108	90.2	66.8	106.8
77	41.9	20.5	60.5
79	34.7	15.8	55.8



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

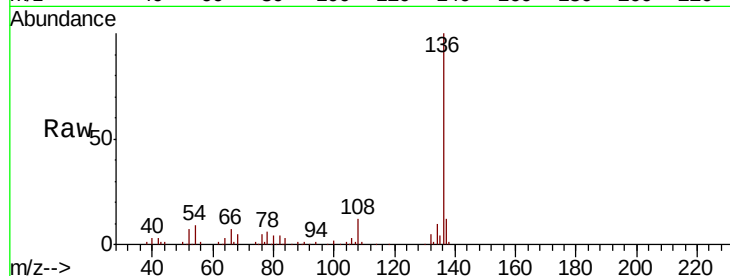




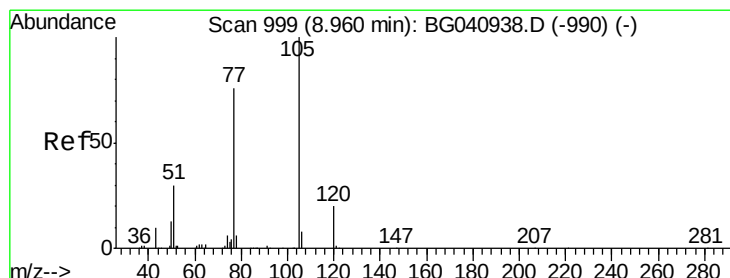
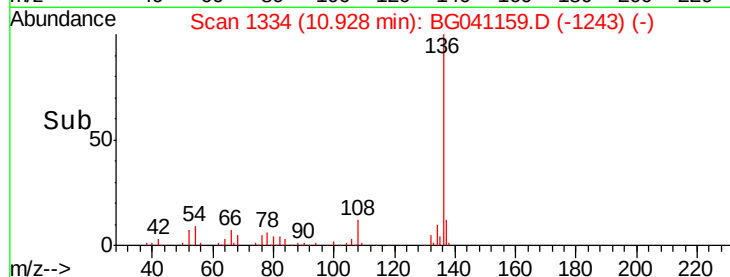
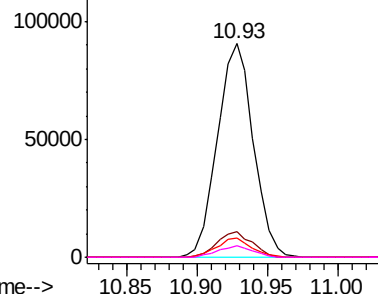
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tgt Ion:	136	Resp:	161335
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	9.3	7.6	11.4
68	5.1	3.9	5.9

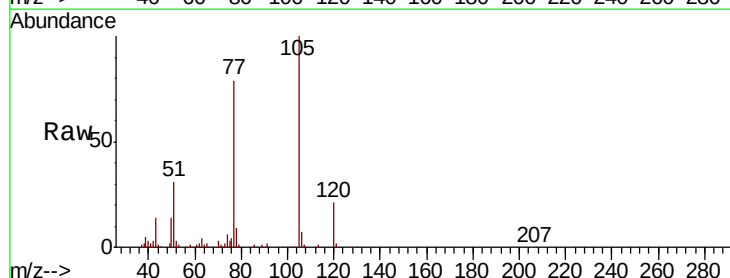


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

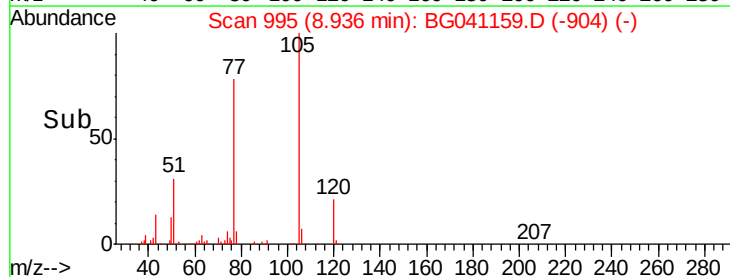
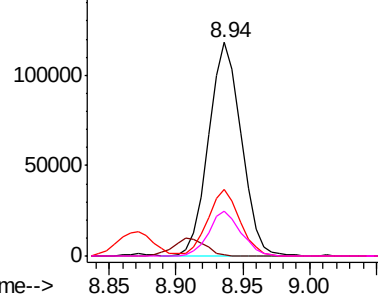


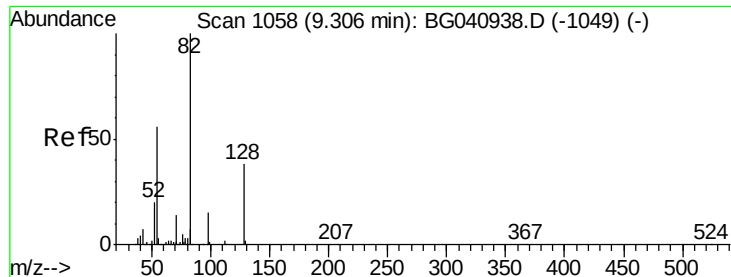
#22
Acetophenone
Concen: 43.964 ng
RT: 8.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion:	105	Resp:	198969
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6
51	31.3	27.0	40.6
120	20.8	16.2	24.4



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: 93.228 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

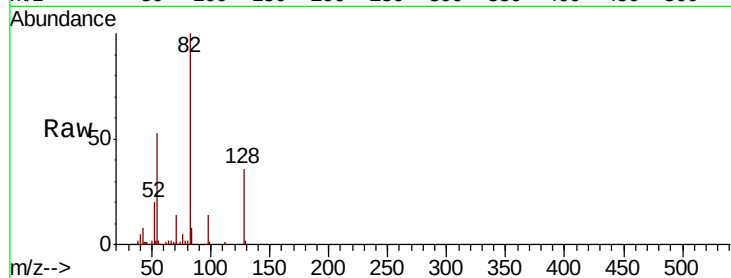
Tgt Ion: 82 Resp: 338810

Ion Ratio Lower Upper

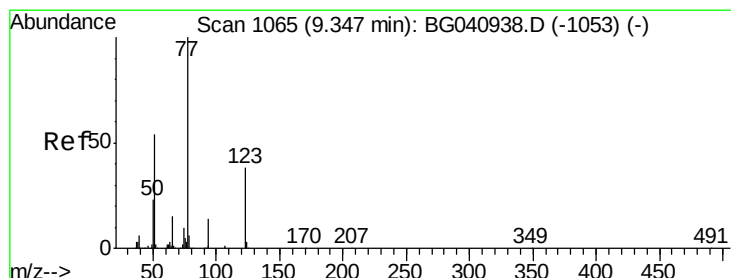
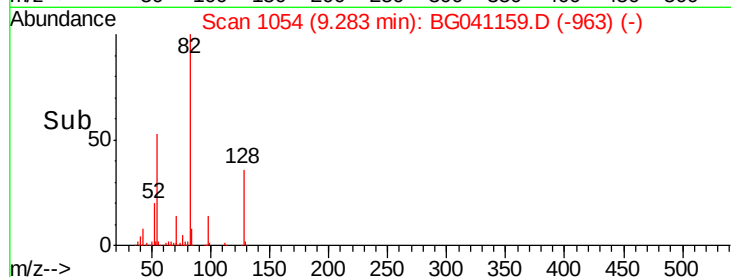
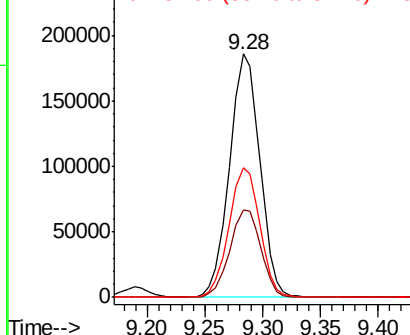
82 100

128 36.0 30.5 45.7

54 53.5 44.6 66.8



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



#24

Nitrobenzene

Concen: 44.482 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

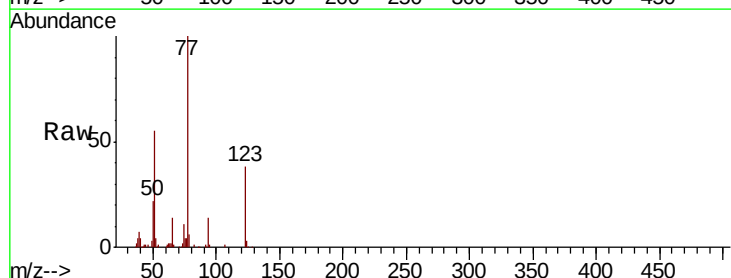
Tgt Ion: 77 Resp: 164743

Ion Ratio Lower Upper

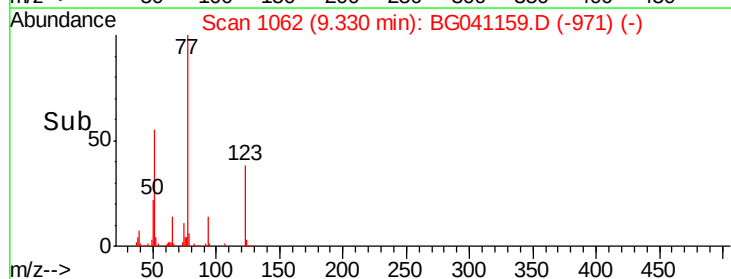
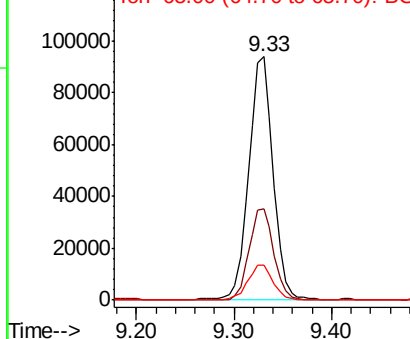
77 100

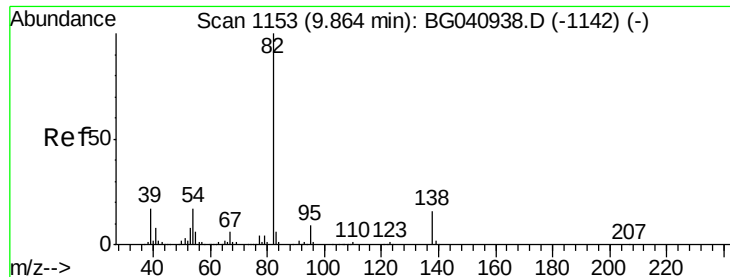
123 37.6 30.6 46.0

65 14.2 12.3 18.5



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





#25

Isophorone

Concen: 42.897 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

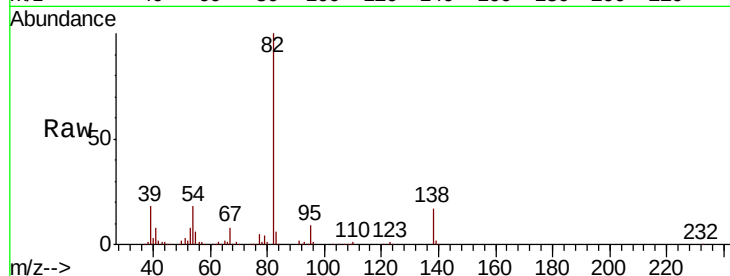
Tgt Ion: 82 Resp: 296683

Ion Ratio Lower Upper

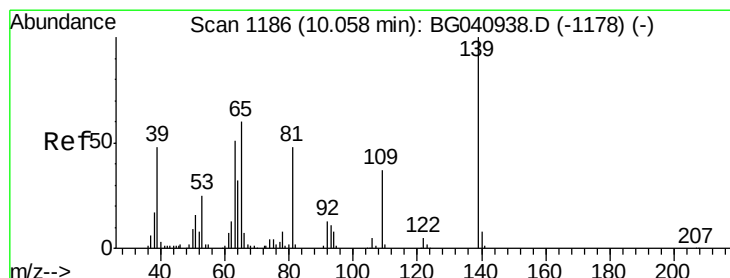
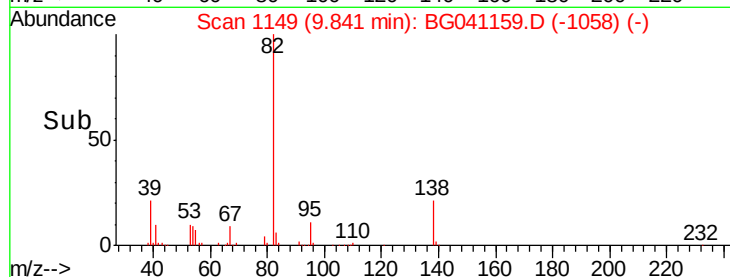
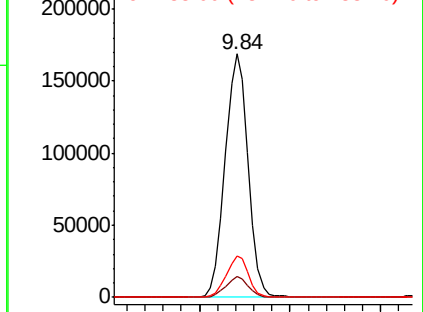
82 100

95 8.7 7.0 10.4

138 17.1 12.6 19.0



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: 47.166 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

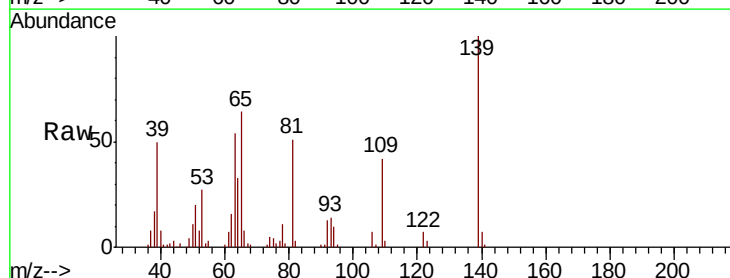
Tgt Ion: 139 Resp: 72013

Ion Ratio Lower Upper

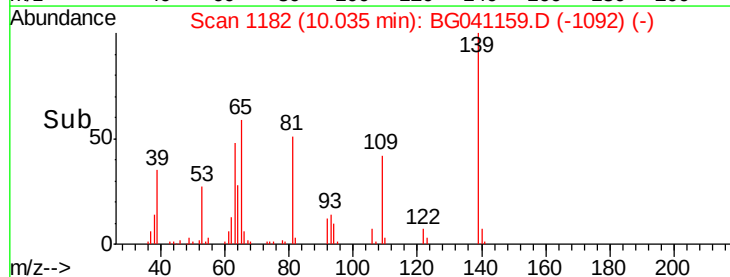
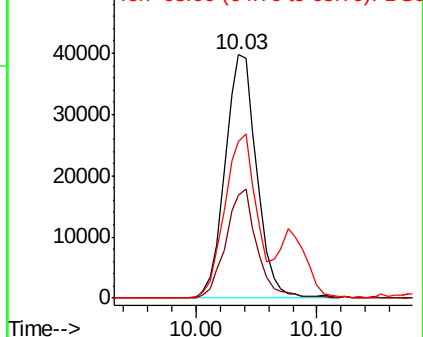
139 100

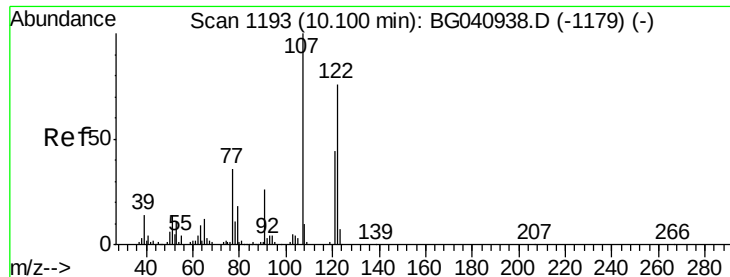
109 42.4 29.8 44.6

65 64.4 47.8 71.6



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

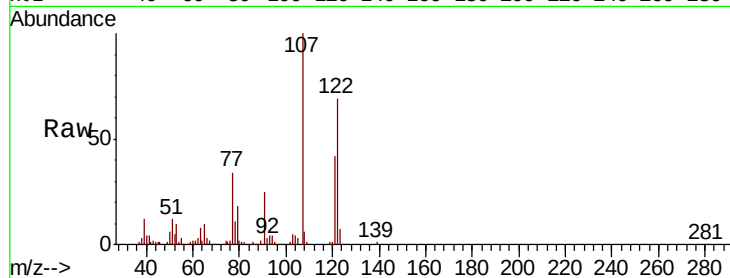




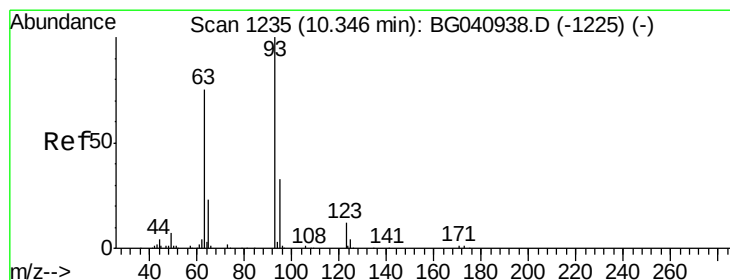
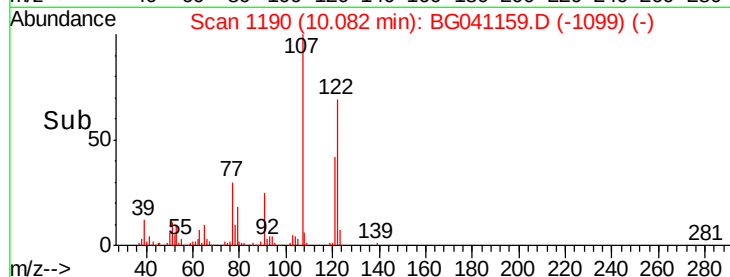
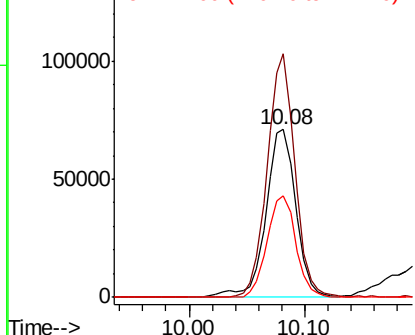
#27
2,4-Dimethylphenol
Concen: 51.065 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tgt Ion: 122 Resp: 128764
Ion Ratio Lower Upper
122 100
107 145.1 105.9 158.9
121 60.4 46.2 69.4

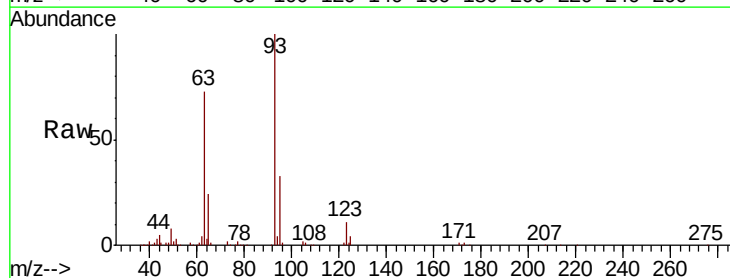


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

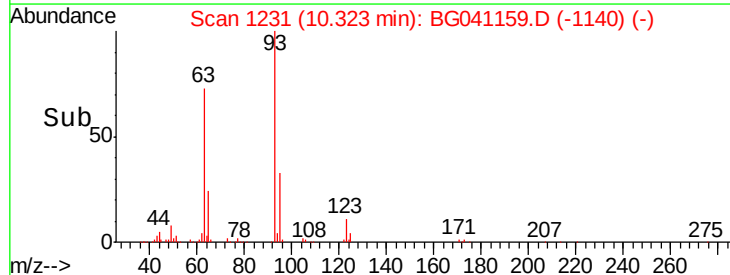
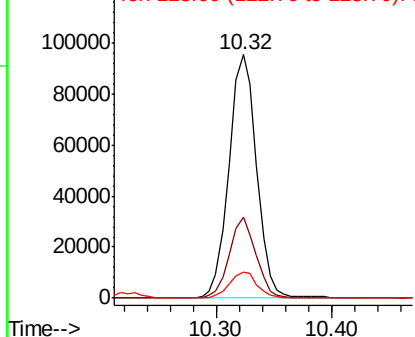


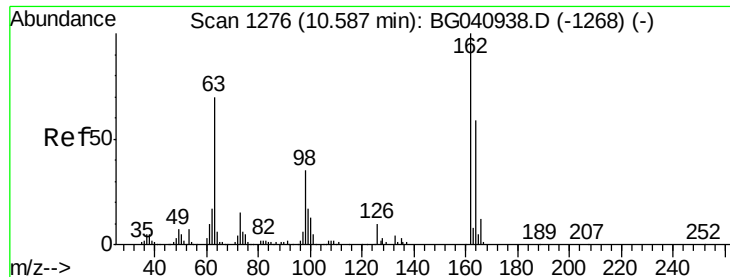
#28
bis(2-Chloroethoxy)methane
Concen: 42.399 ng
RT: 10.32 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion: 93 Resp: 158269
Ion Ratio Lower Upper
93 100
95 33.2 26.2 39.2
123 10.6 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

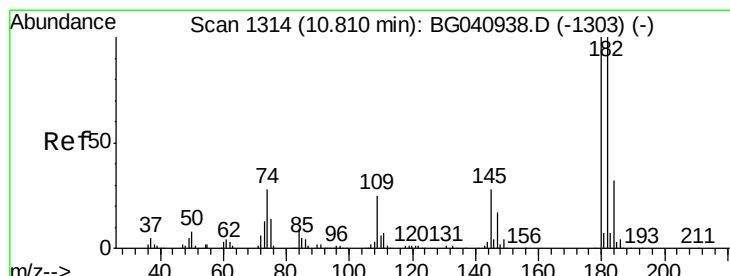
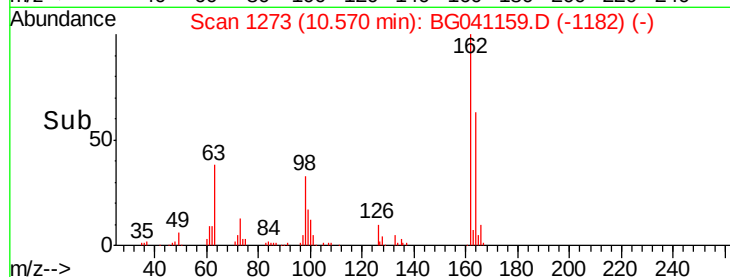
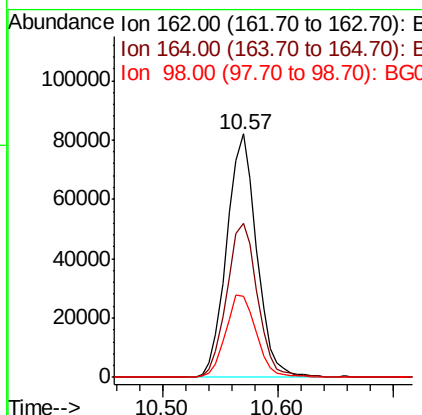
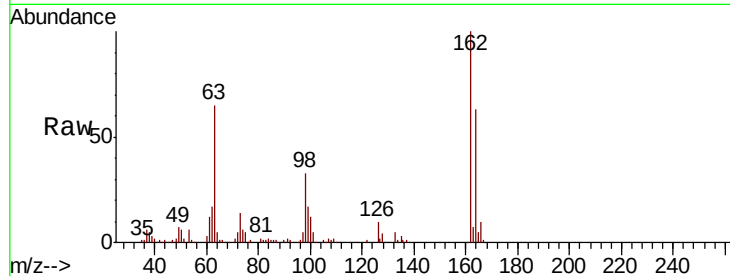




#29
 2,4-Dichlorophenol
 Concen: 46.151 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

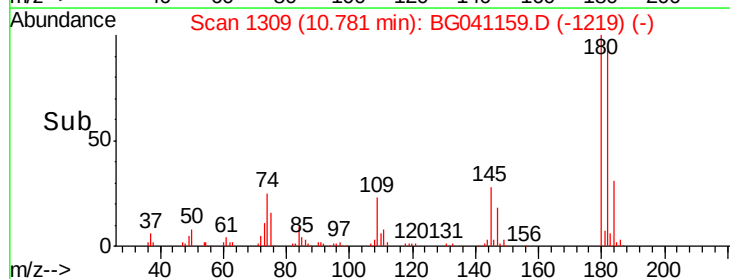
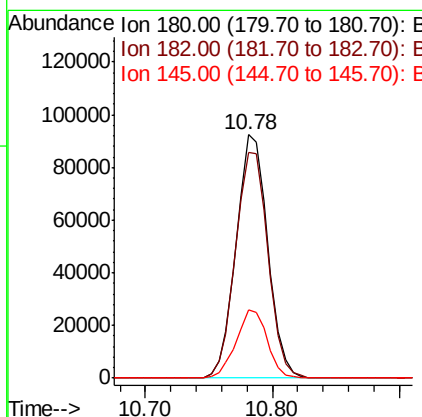
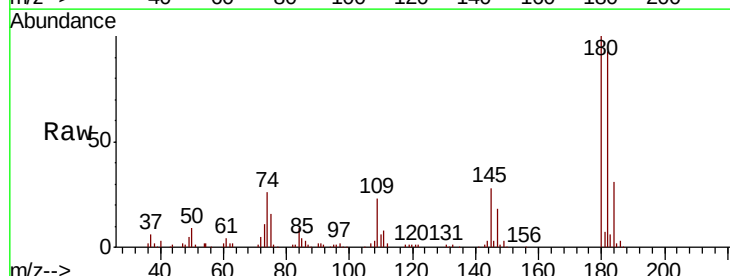
Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

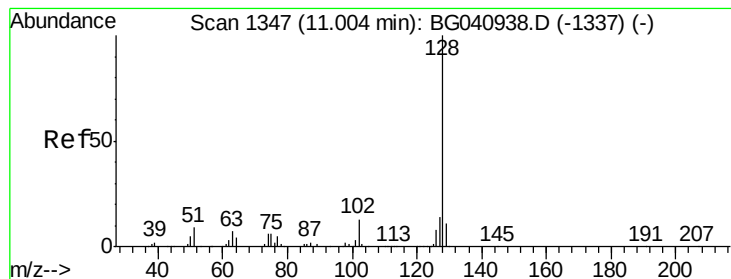
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	39.4	79.4
98	33.2	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 43.797 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	79.7	119.5
145	27.8	22.6	34.0

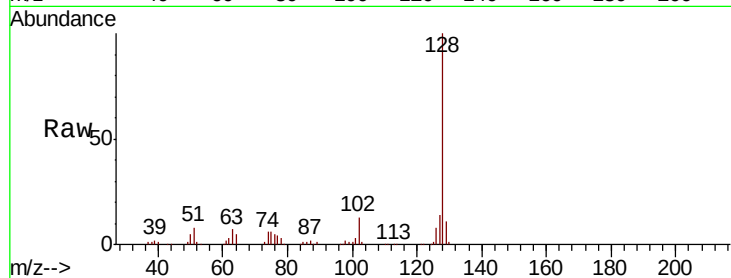




#31
Naphthalene
Concen: 44.942 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	14.5	11.4	17.2

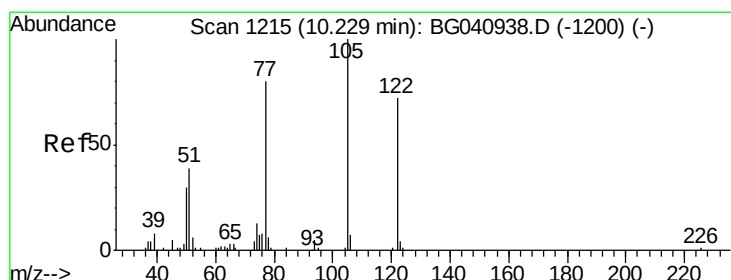
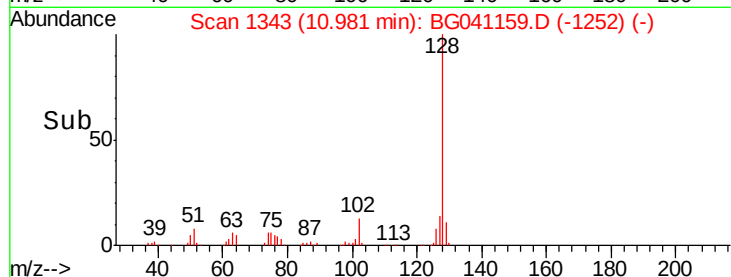
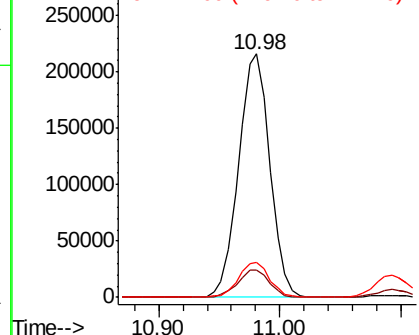


Abundance

Ion 128.00 (127.70 to 128.70): E

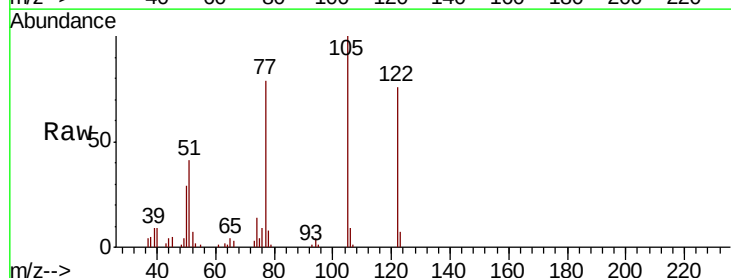
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.133 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.0	114.8	154.8
77	103.9	89.9	129.9

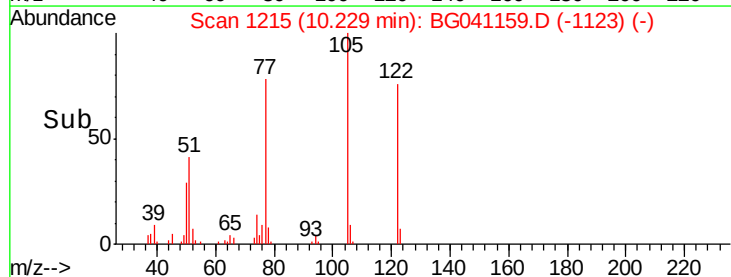
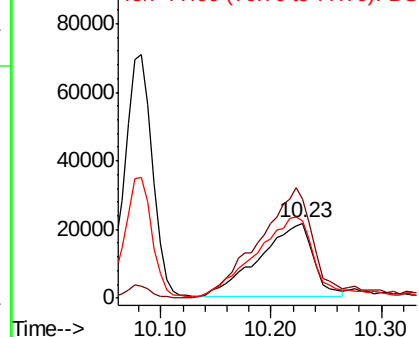


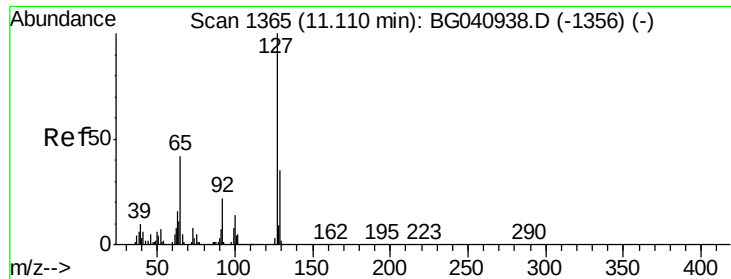
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

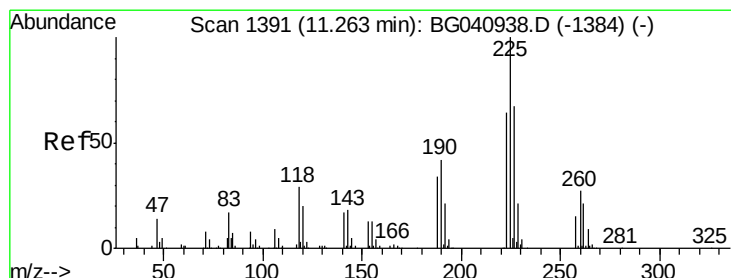
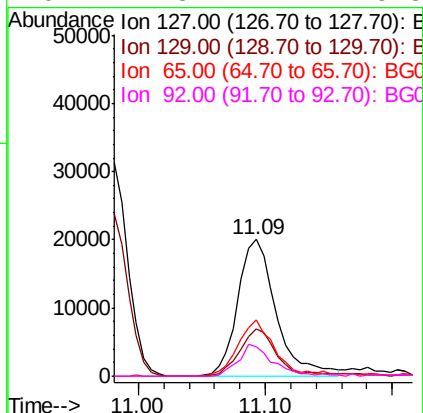
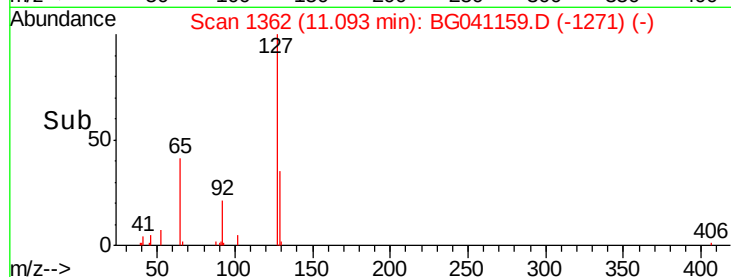
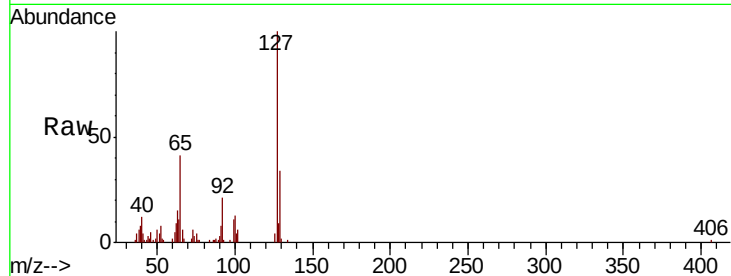




#33
4-Chloroaniline
Concen: 10.523 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

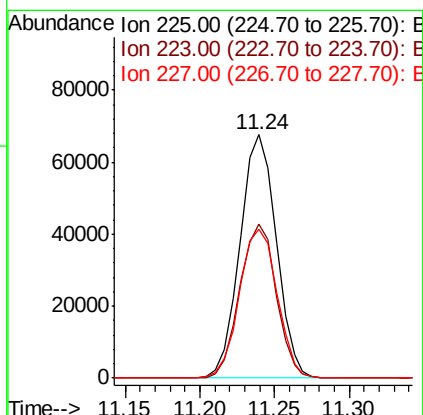
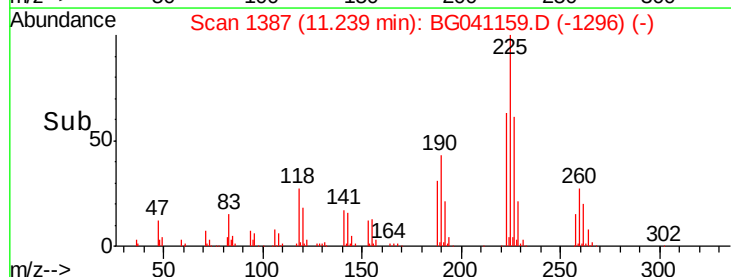
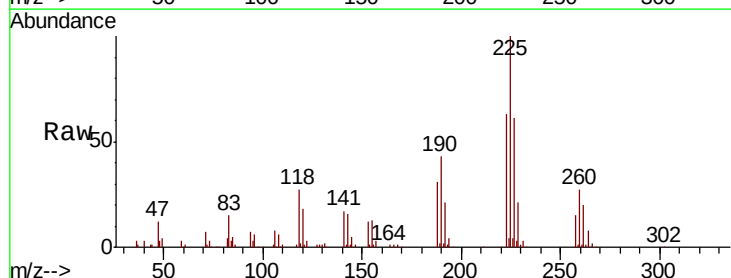
Instrument :
BNA_G
ClientSampleId :
PB120413BSD

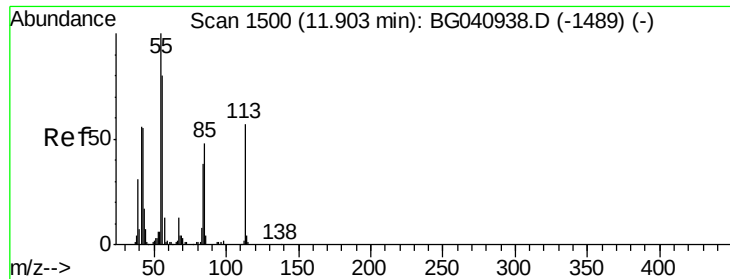
Tgt Ion:127 Resp: 42294
Ion Ratio Lower Upper
127 100
129 34.3 27.7 41.5
65 41.4 33.2 49.8
92 21.3 17.2 25.8



#34
Hexachlorobutadiene
Concen: 40.922 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion:225 Resp: 114058
Ion Ratio Lower Upper
225 100
223 63.3 48.8 73.2
227 61.2 51.4 77.0

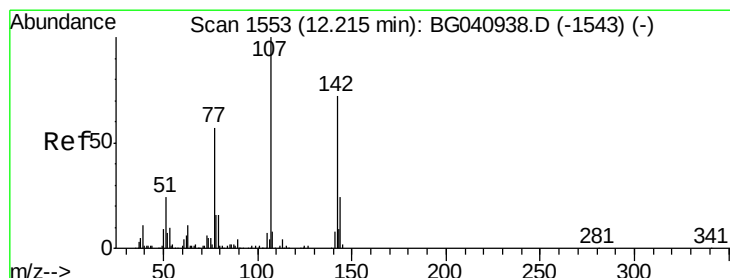
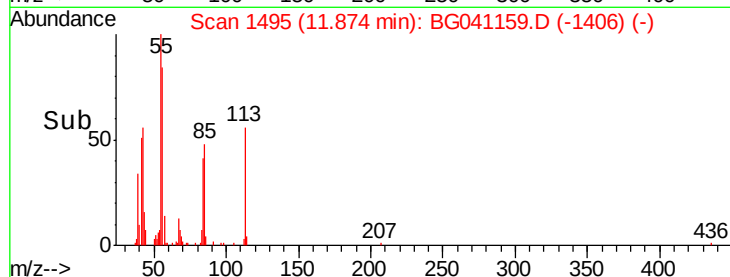
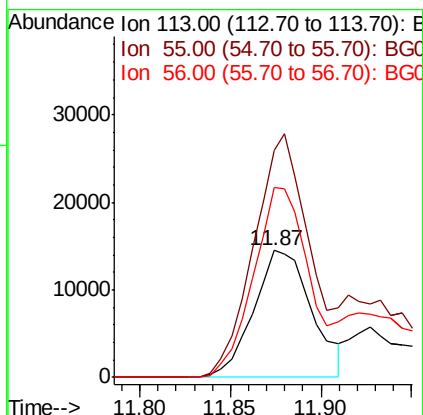
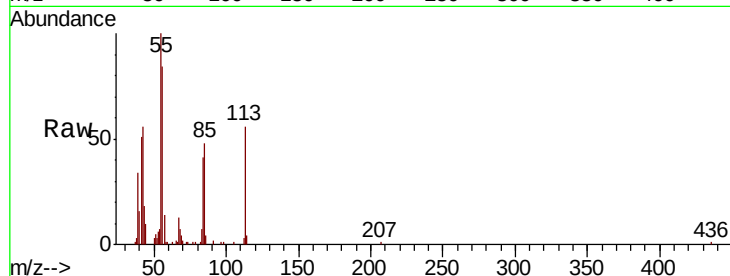




#35
 Caprolactam
 Concen: 30.507 ng
 RT: 11.87 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

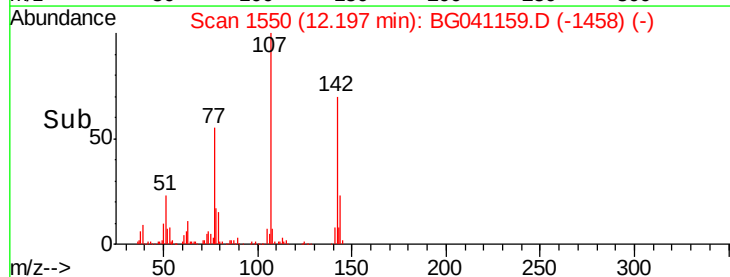
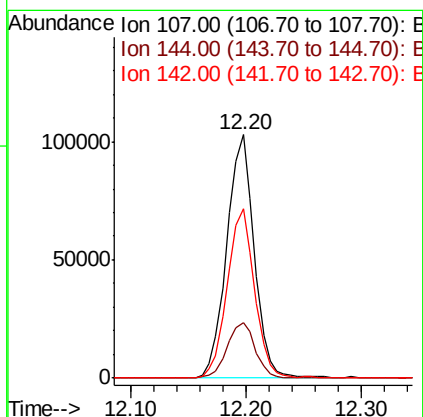
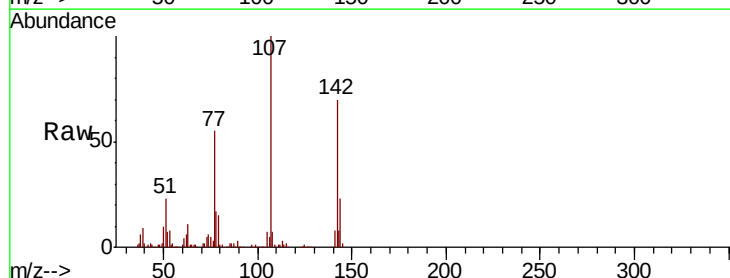
Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

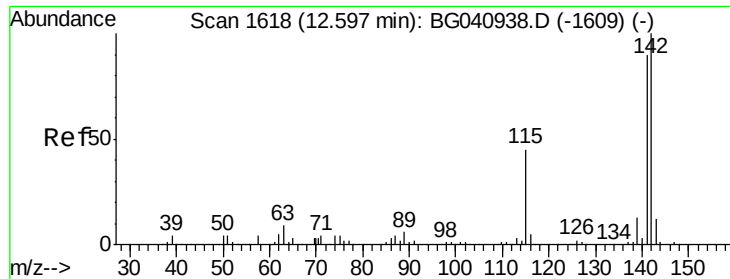
Tgt Ion:113 Resp: 32259
 Ion Ratio Lower Upper
 113 100
 55 179.2 155.9 195.9
 56 149.9 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 46.432 ng
 RT: 12.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion:107 Resp: 169801
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.4 29.0
 142 69.7 57.3 85.9

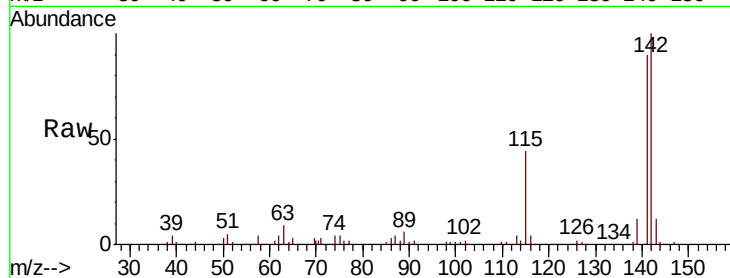




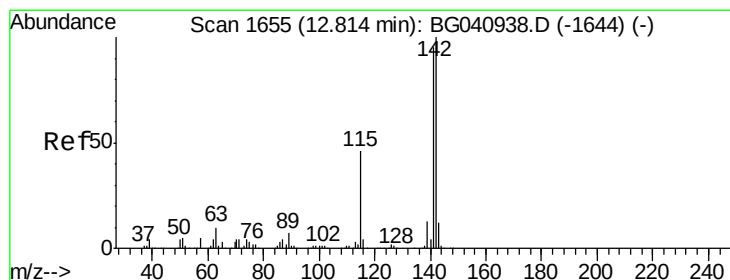
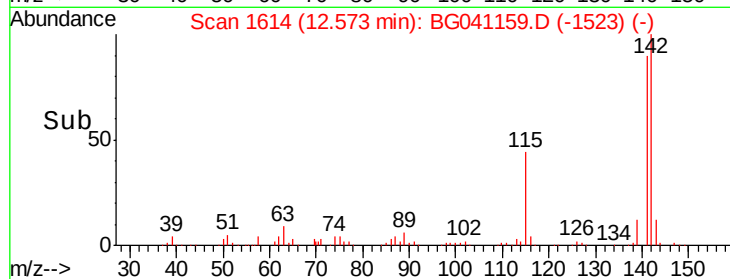
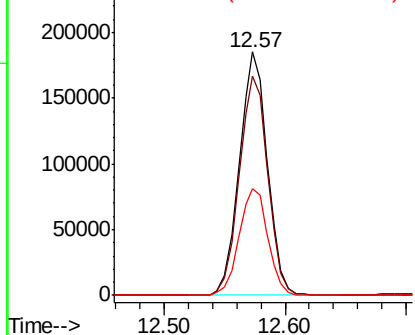
#37
 2-Methylnaphthalene
 Concen: 44.721 ng
 RT: 12.57 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.2	108.4
115	43.8	36.2	54.4

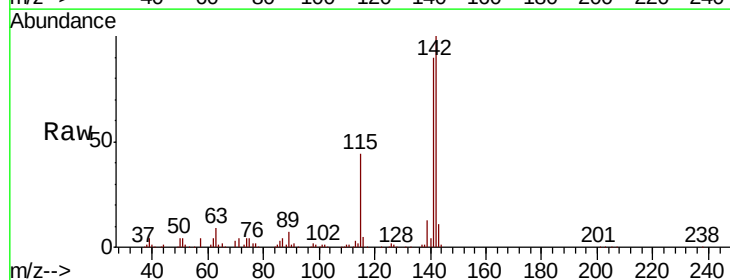


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

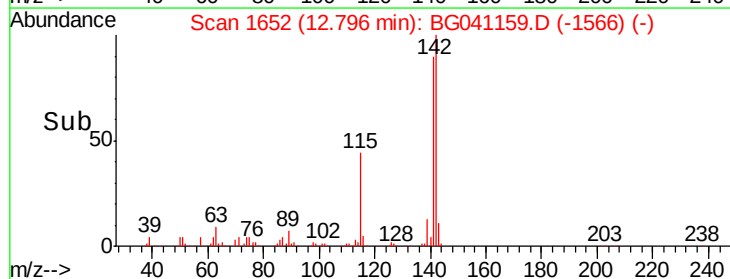
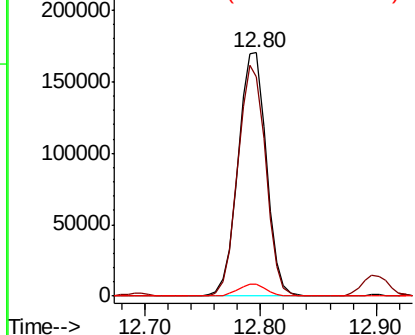


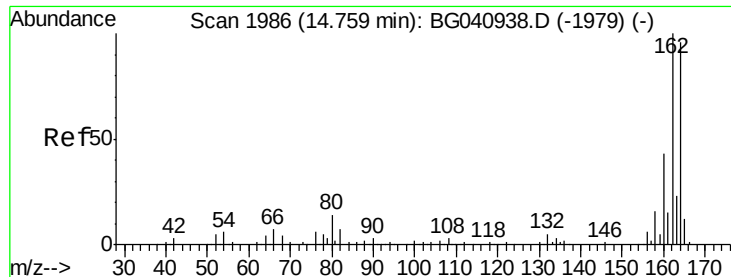
#38
 1-Methylnaphthalene
 Concen: 45.875 ng
 RT: 12.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	75.7	113.5
116	4.9	3.4	5.2



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: 14.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

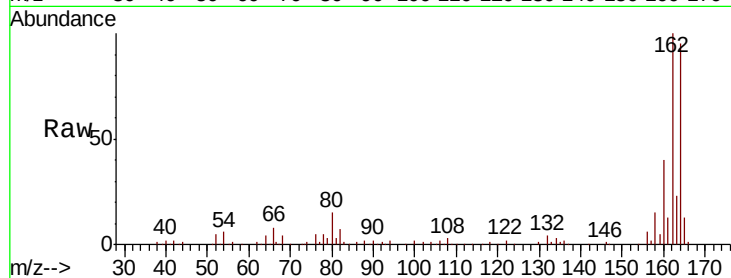
Tgt Ion:164 Resp: 123653

Ion Ratio Lower Upper

164 100

162 105.7 83.0 124.4

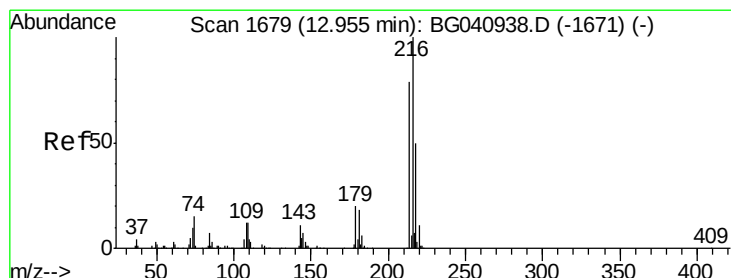
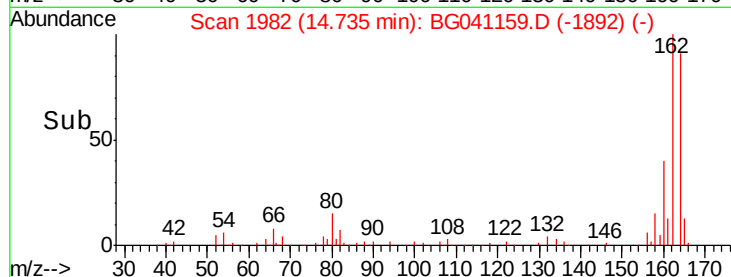
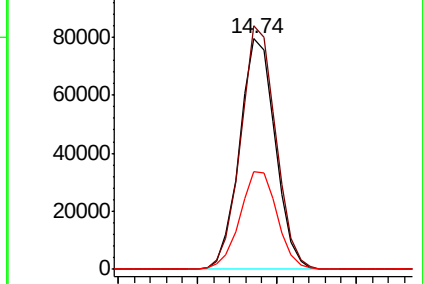
160 42.7 35.6 53.4



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: 44.856 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Tgt Ion:216 Resp: 223557

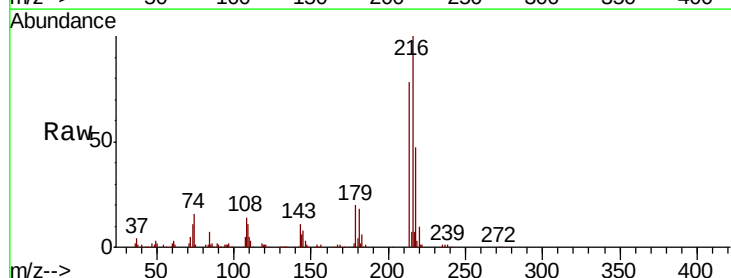
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 19.4 15.2 22.8

108 16.2 11.4 17.2

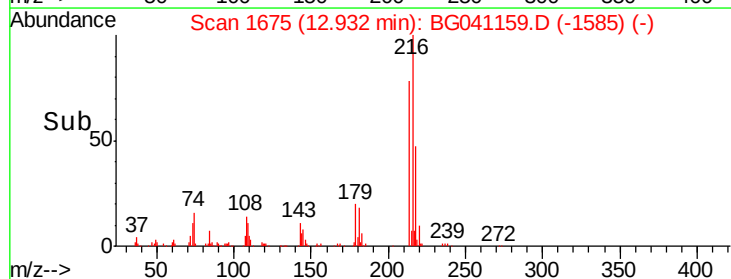
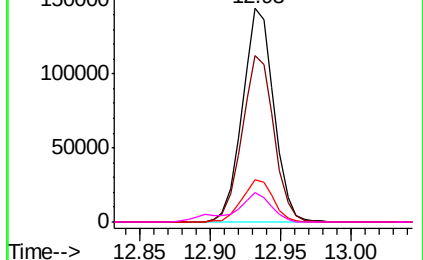


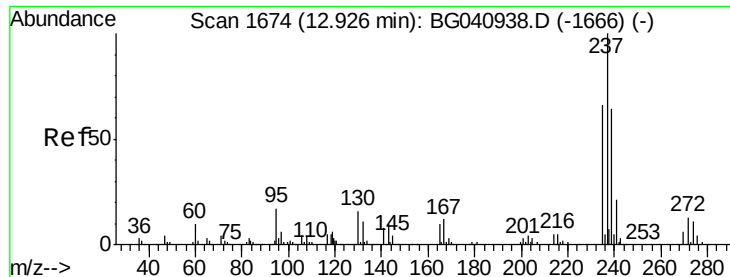
Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.392 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

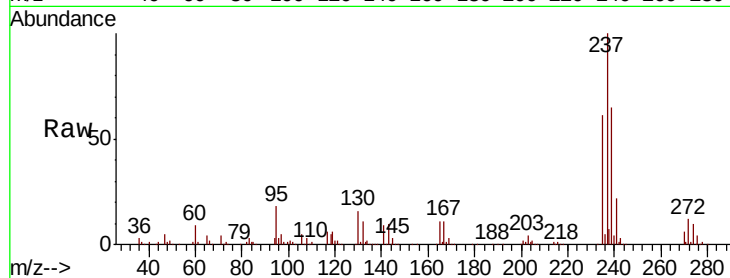
Tgt Ion: 237 Resp: 251333

Ion Ratio Lower Upper

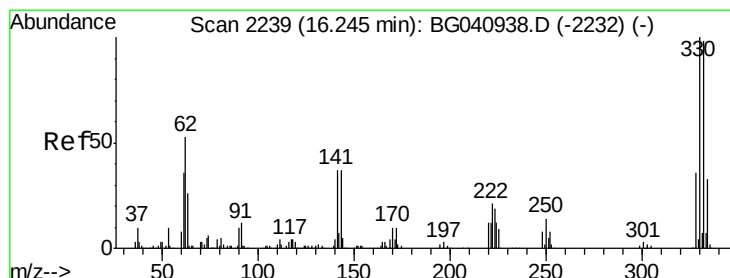
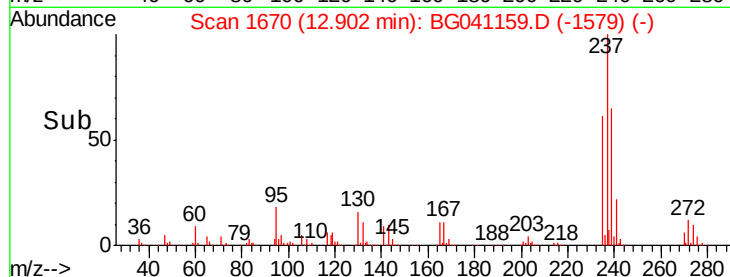
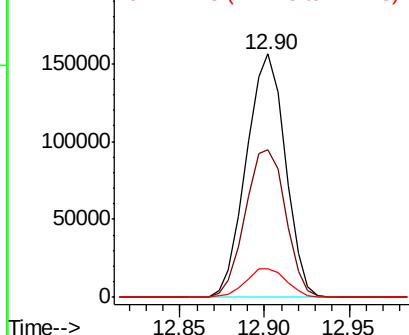
237 100

235 60.8 45.5 85.5

272 11.6 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 149.689 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

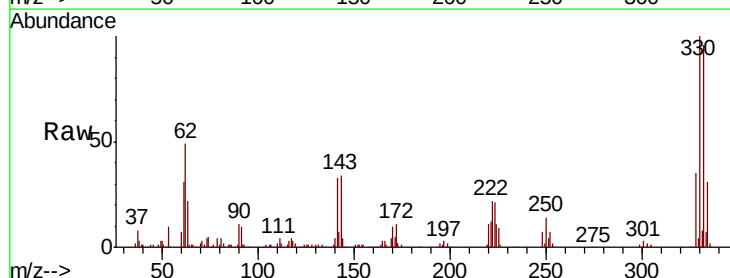
Tgt Ion: 330 Resp: 274787

Ion Ratio Lower Upper

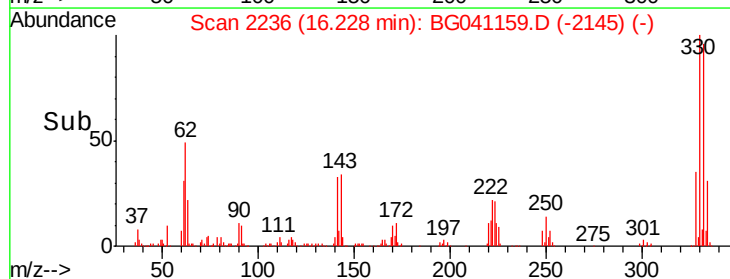
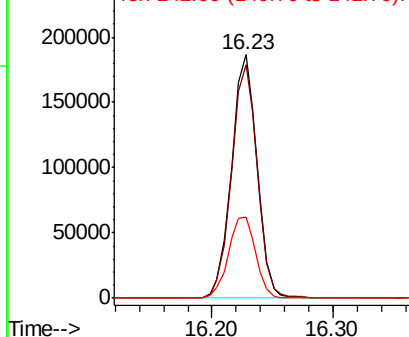
330 100

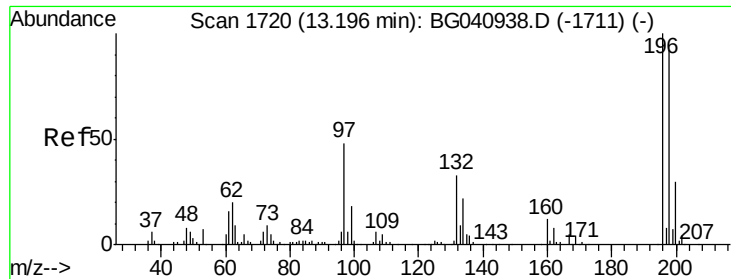
332 97.1 78.5 117.7

141 35.5 28.7 43.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

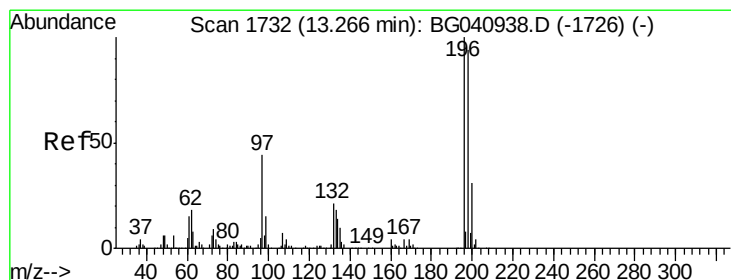
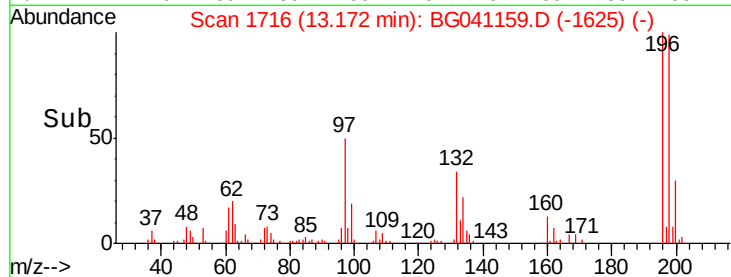
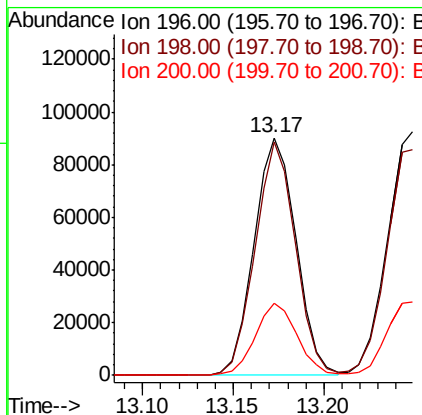
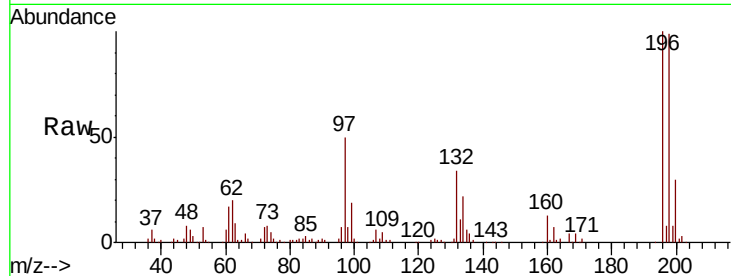




#43
 2,4,6-Trichlorophenol
 Concen: 44.996 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

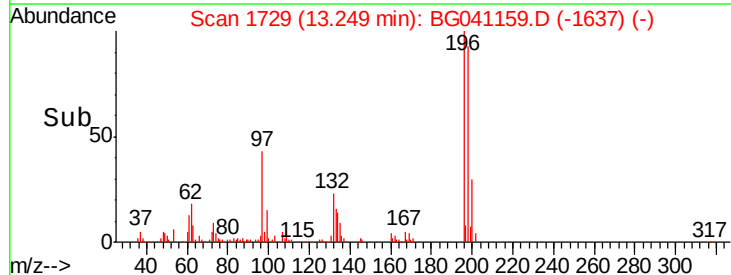
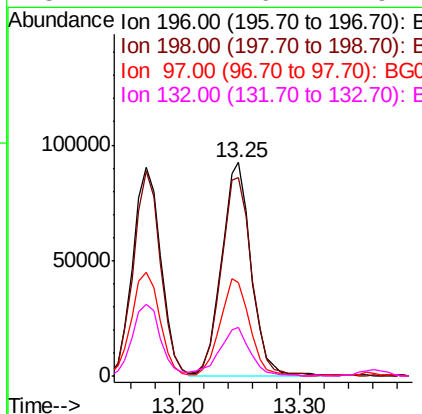
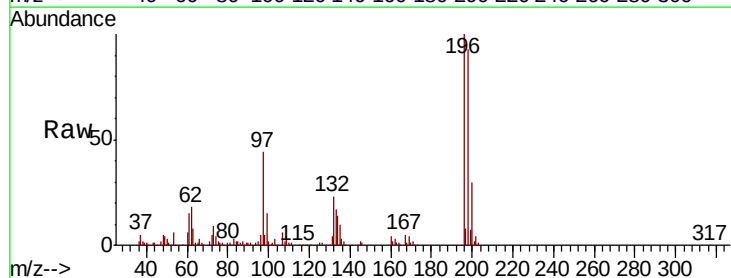
Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

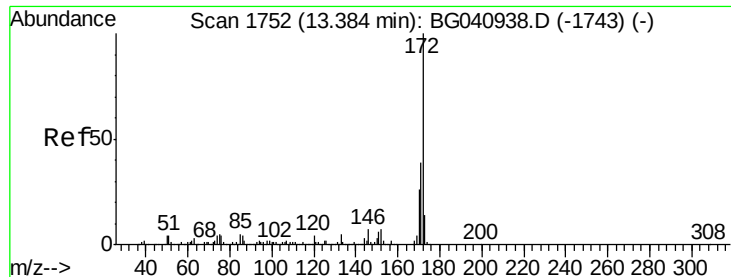
Tgt Ion:196 Resp: 145072
 Ion Ratio Lower Upper
 196 100
 198 98.6 73.8 110.6
 200 30.4 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.568 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion:196 Resp: 154943
 Ion Ratio Lower Upper
 196 100
 198 92.8 75.1 112.7
 97 43.5 35.6 53.4
 132 22.7 16.7 25.1

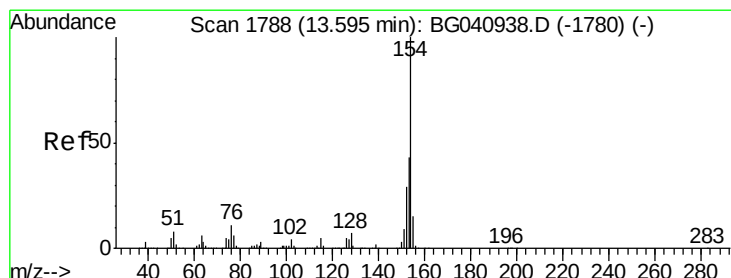
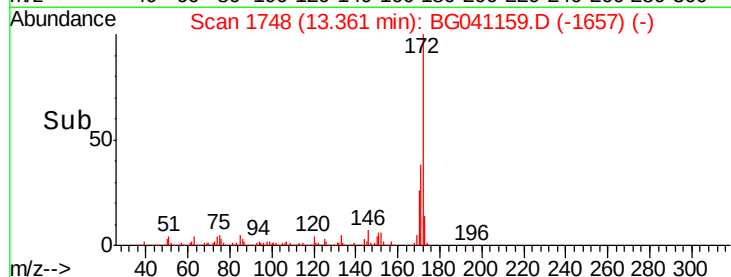
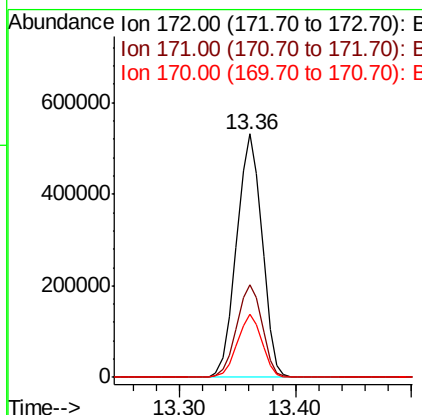
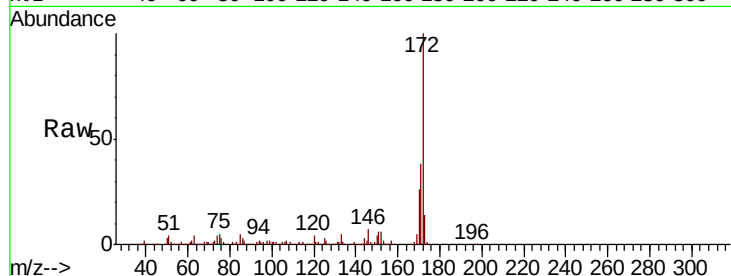




#45
2-Fluorobiphenyl
Concen: 94.482 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

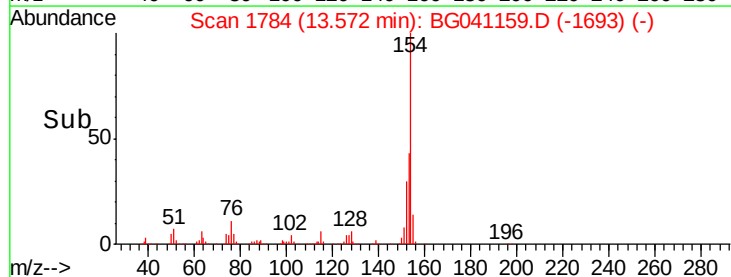
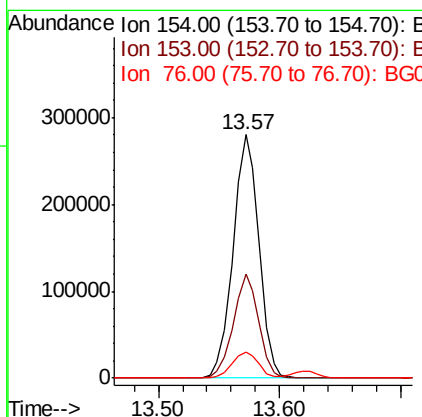
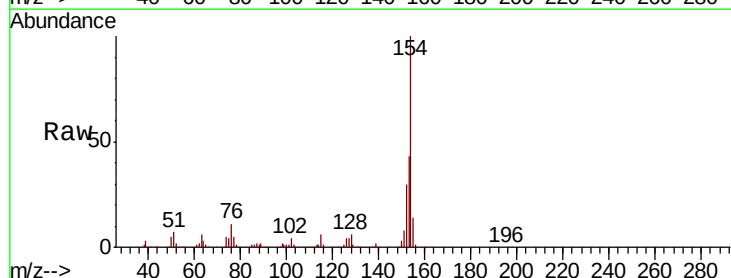
Instrument :
BNA_G
ClientSampleId :
PB120413BSD

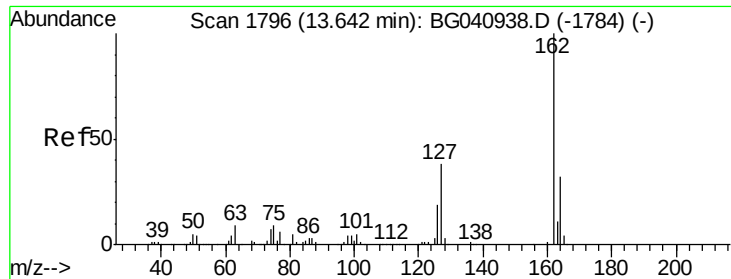
Tgt Ion:172 Resp: 811261
Ion Ratio Lower Upper
172 100
171 38.0 31.1 46.7
170 25.9 20.5 30.7



#46
1,1'-Biphenyl
Concen: 45.418 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion:154 Resp: 415710
Ion Ratio Lower Upper
154 100
153 42.8 23.3 63.3
76 10.9 0.0 31.1

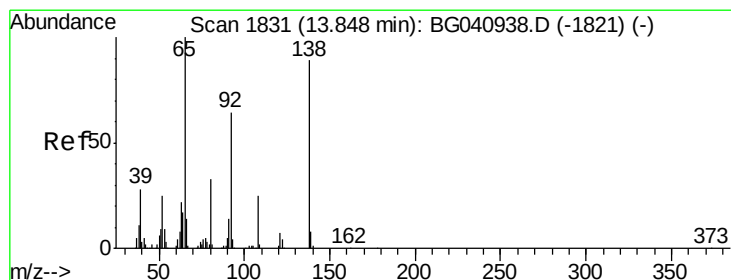
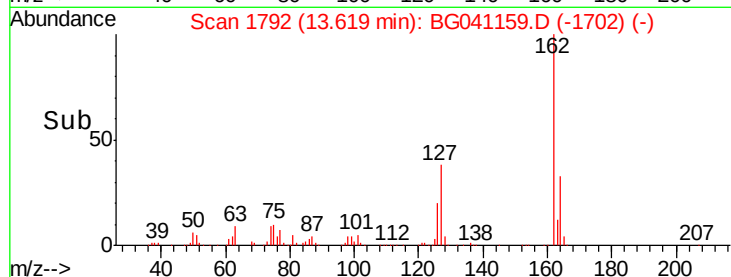
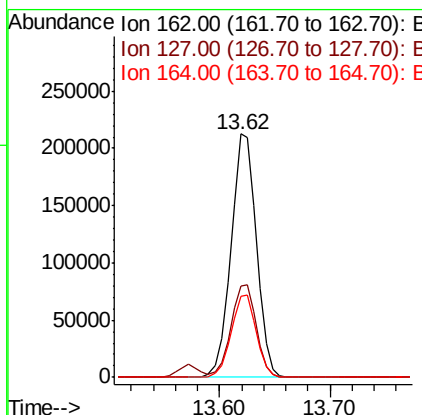
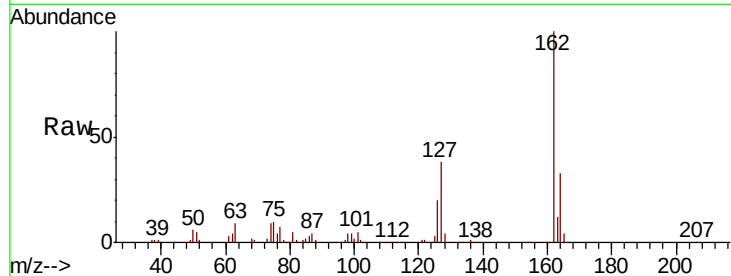




#47
 2-Chloronaphthalene
 Concen: 43.605 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

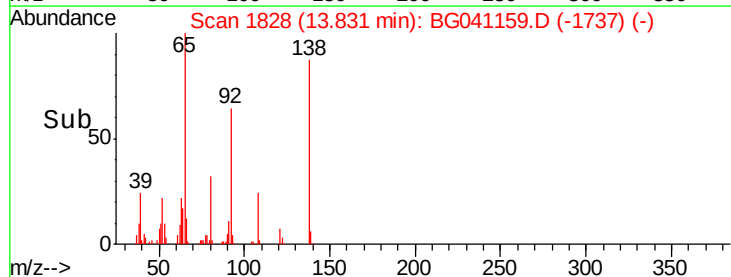
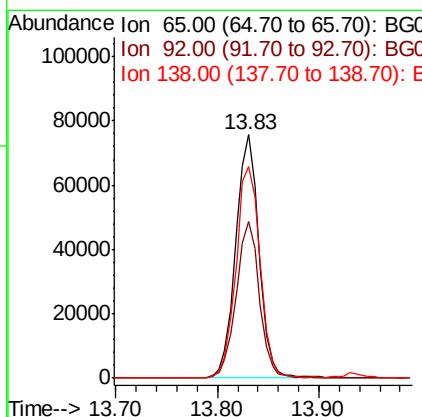
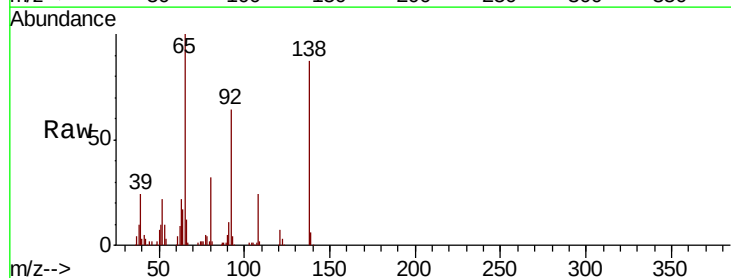
Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

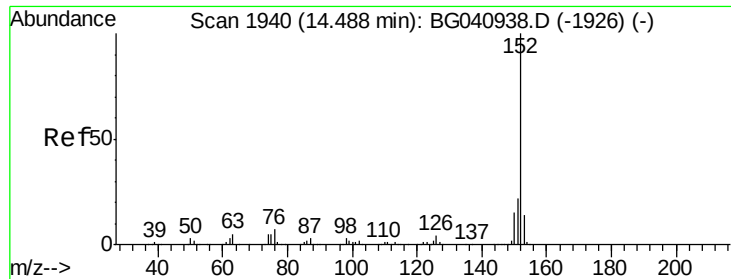
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.5	45.7
164	33.1	25.8	38.6



#48
 2-Nitroaniline
 Concen: 42.814 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	51.0	76.6
138	86.7	71.2	106.8





#49

Acenaphthylene

Concen: 45.232 ng

RT: 14.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

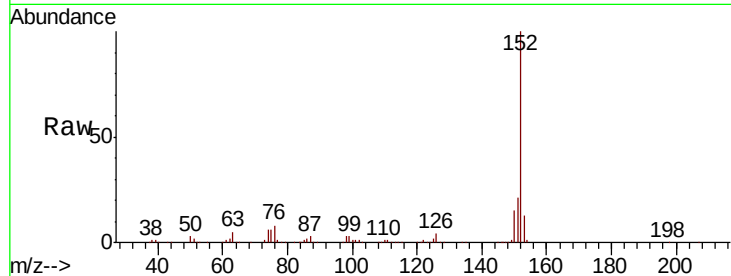
Tgt Ion:152 Resp: 534926

Ion Ratio Lower Upper

152 100

151 21.5 17.4 26.0

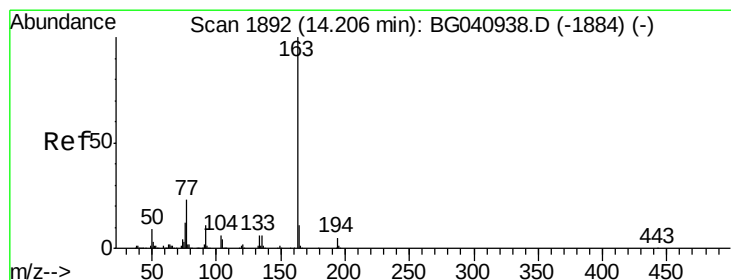
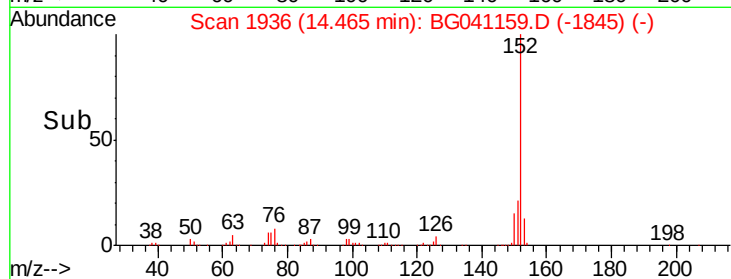
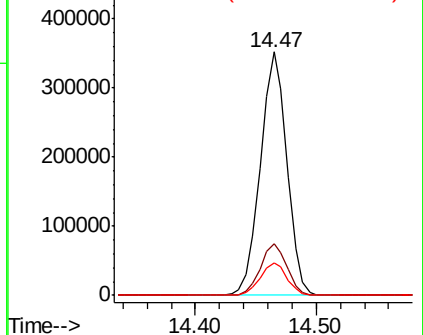
153 13.4 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.671 ng

RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

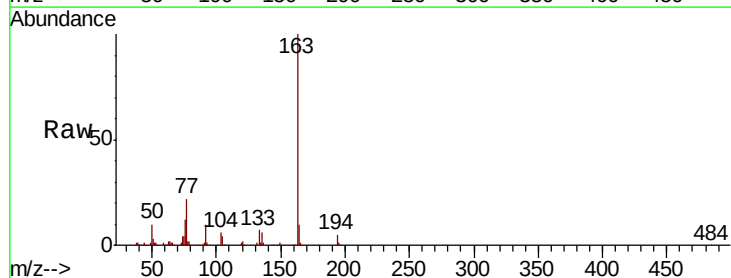
Tgt Ion:163 Resp: 446644

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

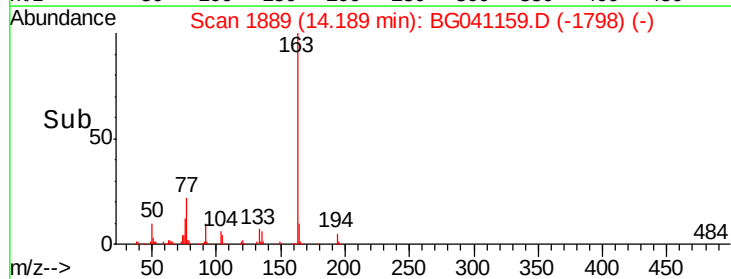
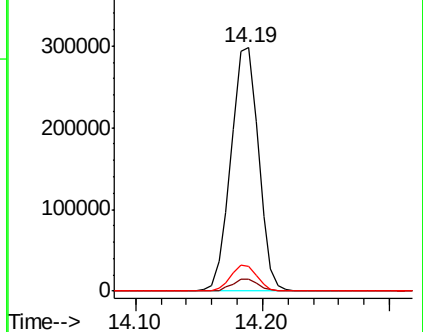
164 10.3 8.7 13.1

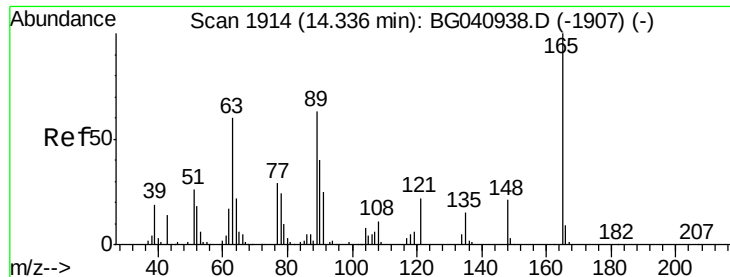


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

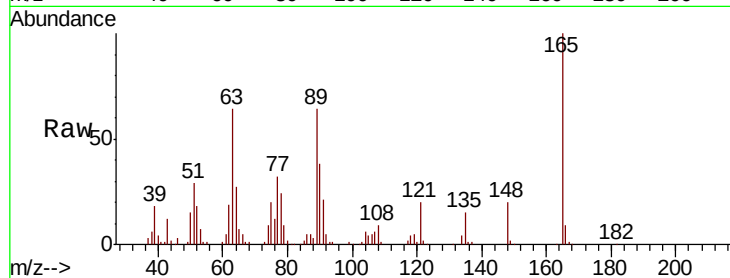




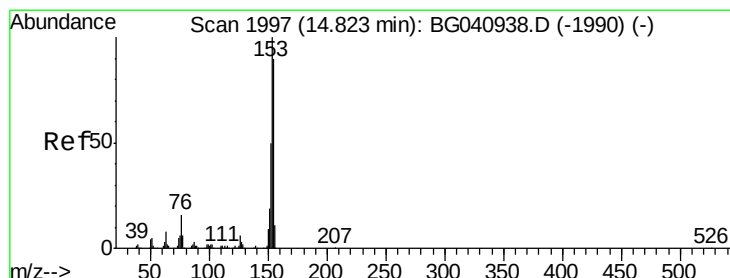
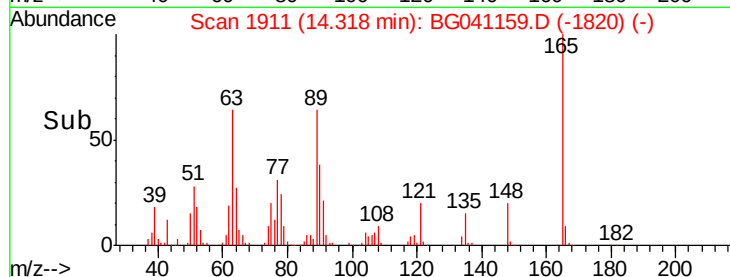
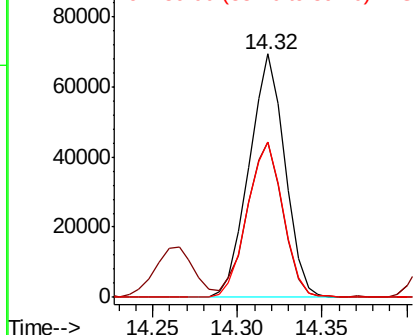
#51
 2,6-Dinitrotoluene
 Concen: 45.232 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

Tgt Ion:165 Resp: 102081
 Ion Ratio Lower Upper
 165 100
 63 63.9 53.6 80.4
 89 63.8 50.4 75.6

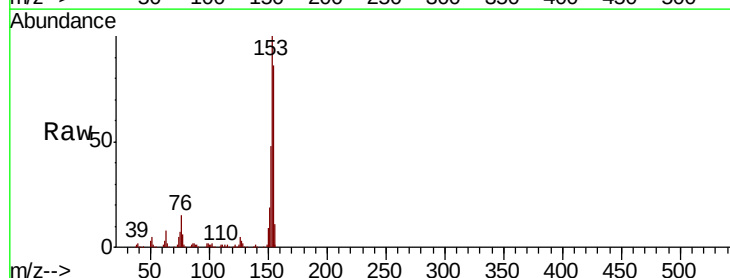


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

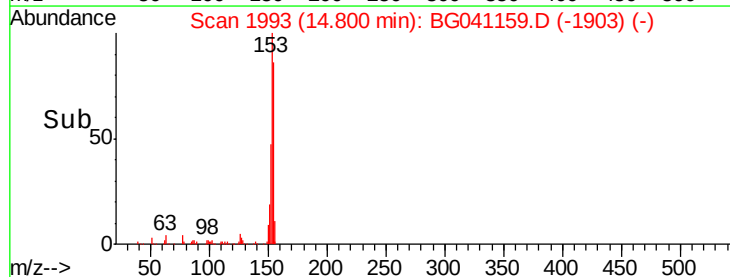
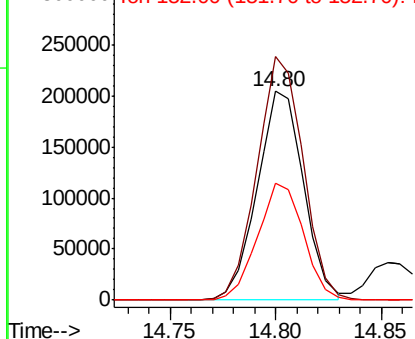


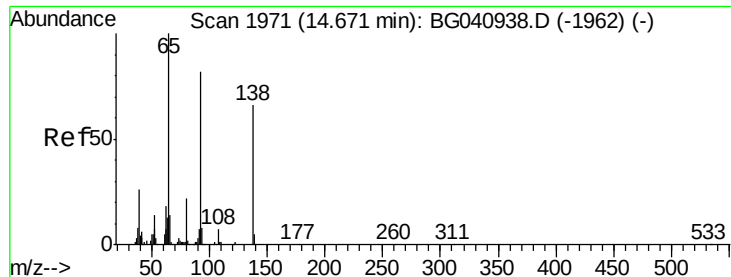
#52
 Acenaphthene
 Concen: 43.397 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion:154 Resp: 310912
 Ion Ratio Lower Upper
 154 100
 153 116.6 88.6 133.0
 152 55.7 44.2 66.4



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: 22.531 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

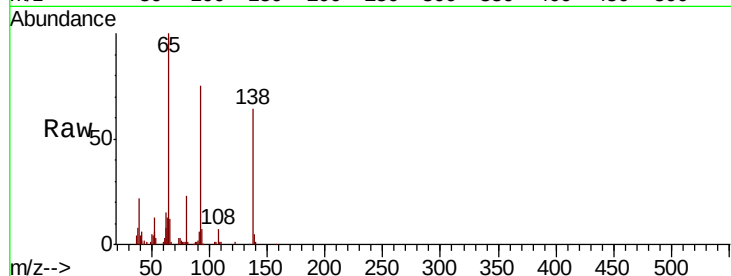
Tgt Ion:138 Resp: 50846

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

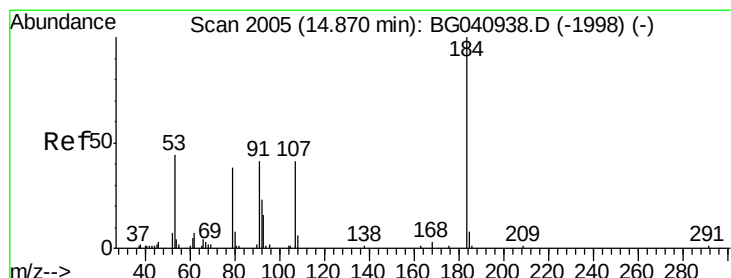
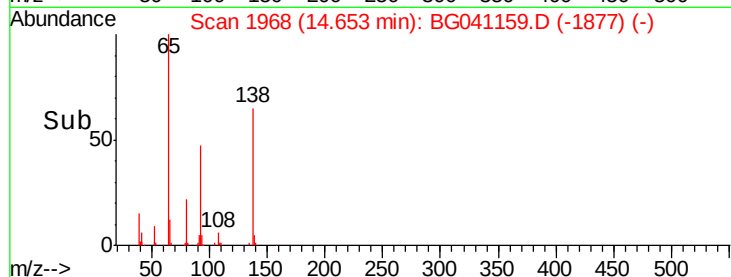
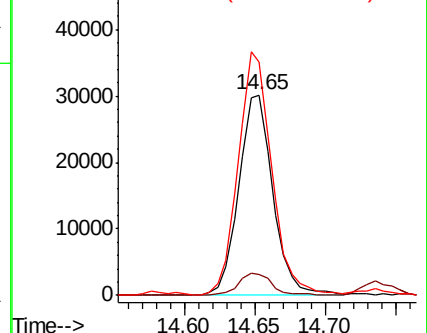
92 116.2 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 85.427 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

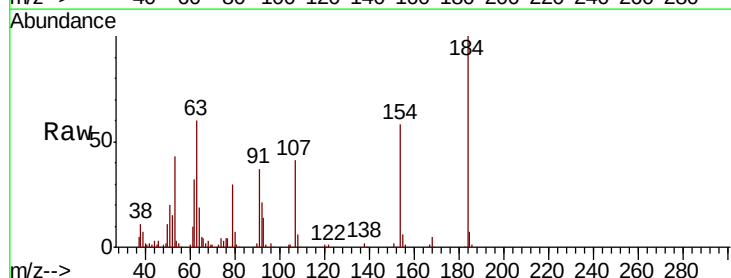
Tgt Ion:184 Resp: 103442

Ion Ratio Lower Upper

184 100

63 59.8 49.8 74.6

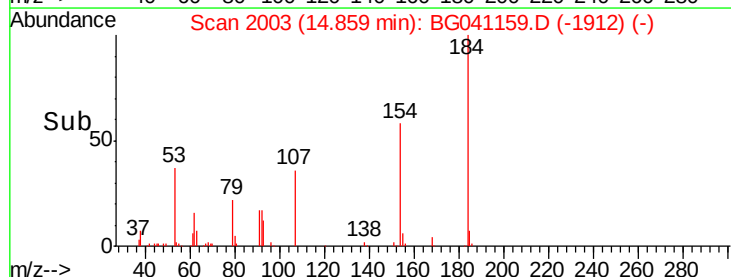
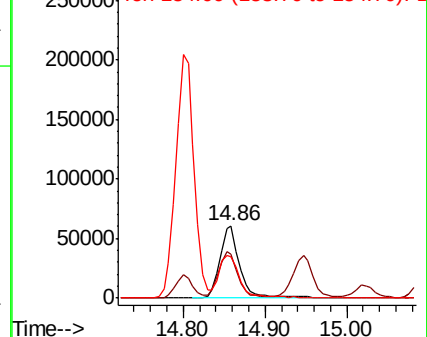
154 57.6 52.2 78.4

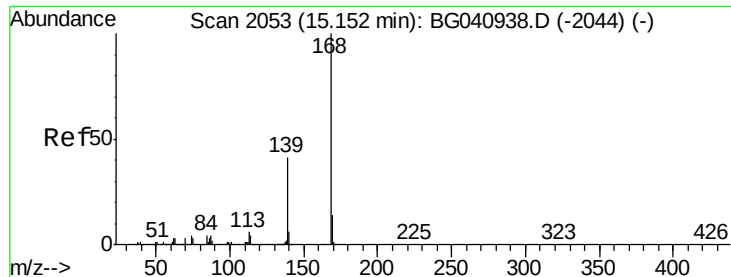


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 45.884 ng

RT: 15.13 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

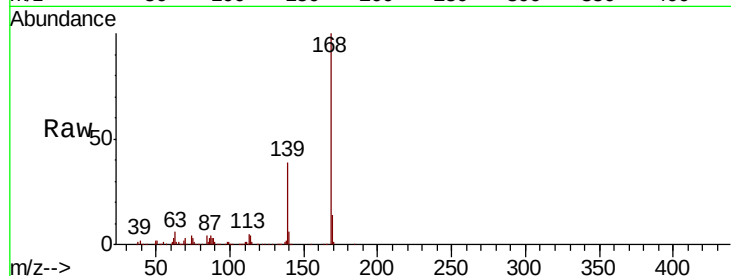
Tgt Ion:168 Resp: 553135

Ion Ratio Lower Upper

168 100

139 39.1 32.8 49.2

169 13.8 11.3 16.9

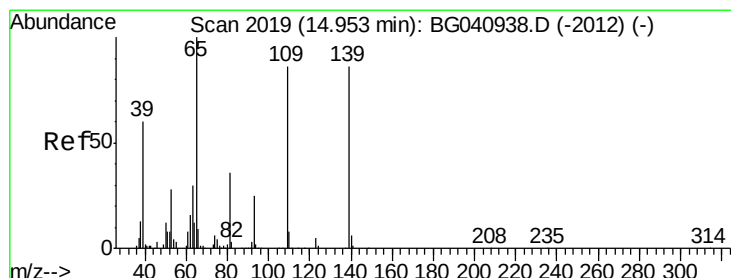
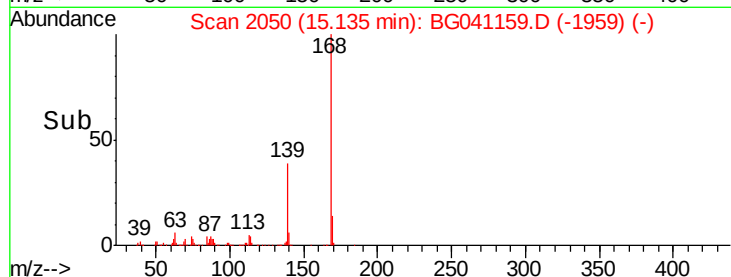
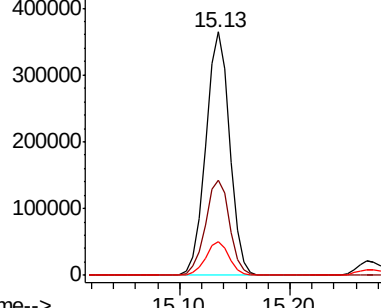


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 98.201 ng

RT: 14.95 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

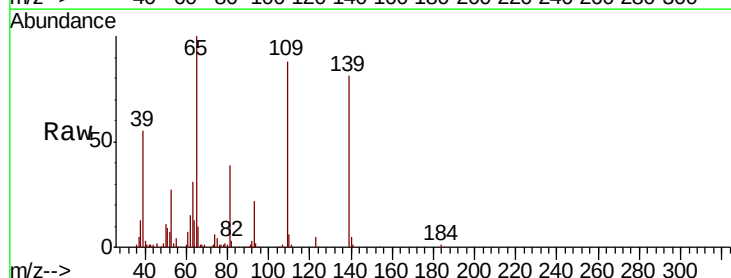
Tgt Ion:139 Resp: 152009

Ion Ratio Lower Upper

139 100

109 108.0 79.6 119.6

65 123.1 96.9 136.9

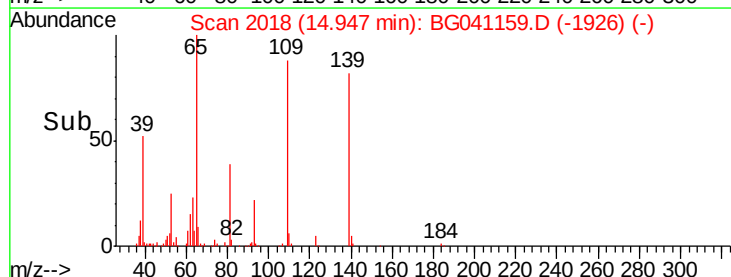
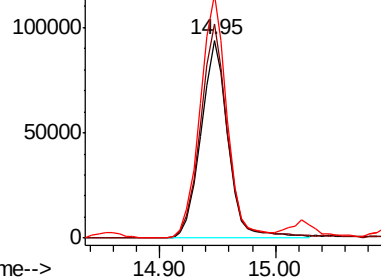


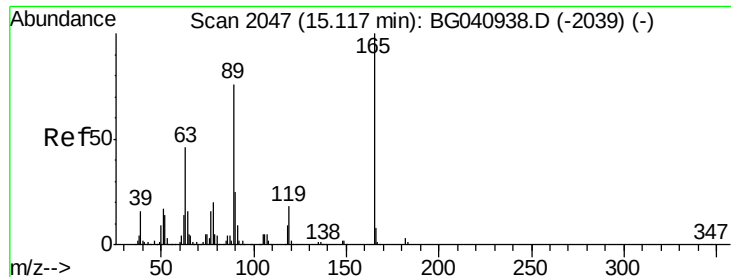
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





#57

2,4-Dinitrotoluene

Concen: 47.058 ng

RT: 15.10 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

Tgt Ion:165 Resp: 150020

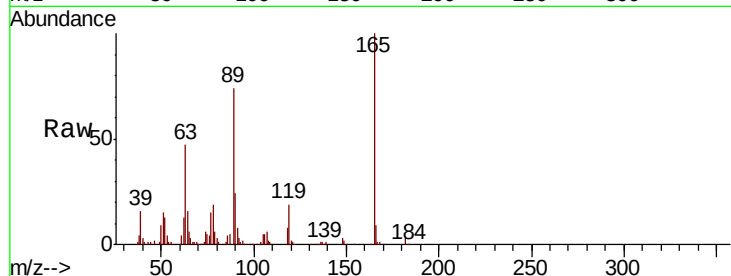
Ion Ratio Lower Upper

165 100

63 47.0 37.3 55.9

89 74.1 61.0 91.6

182 2.6 2.2 3.2

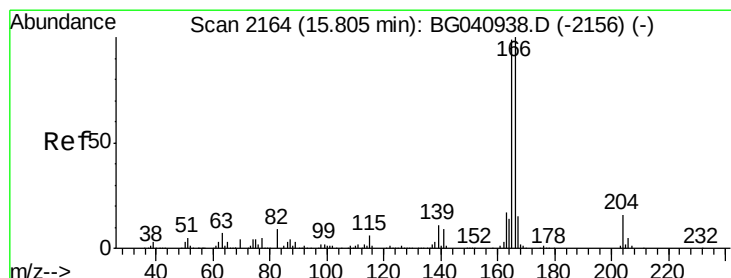
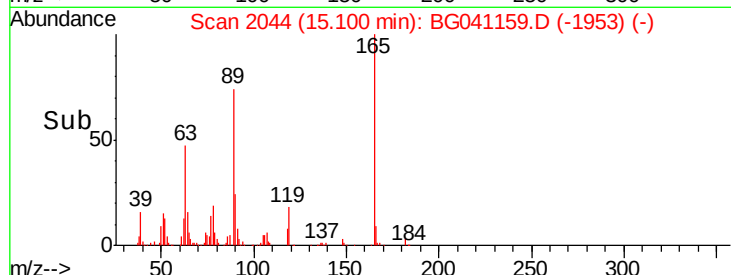
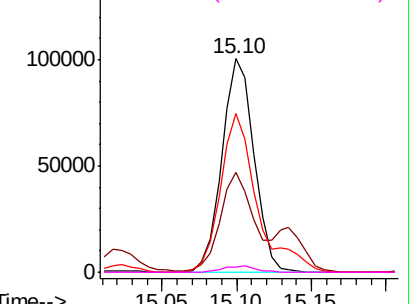


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.819 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

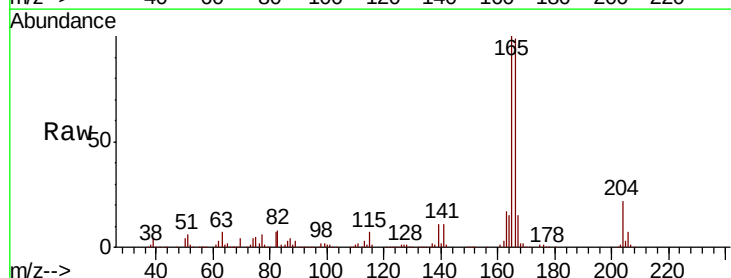
Tgt Ion:166 Resp: 430288

Ion Ratio Lower Upper

166 100

165 101.5 79.2 118.8

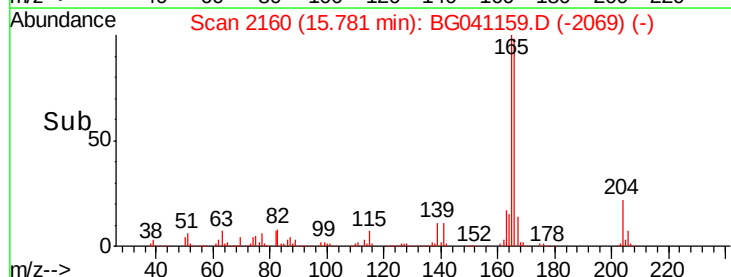
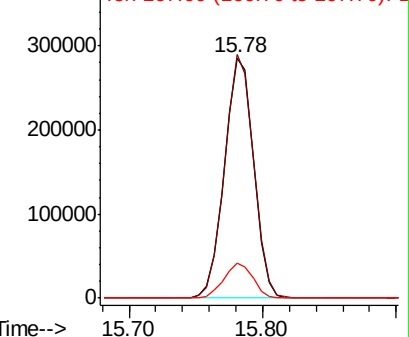
167 14.7 11.8 17.6

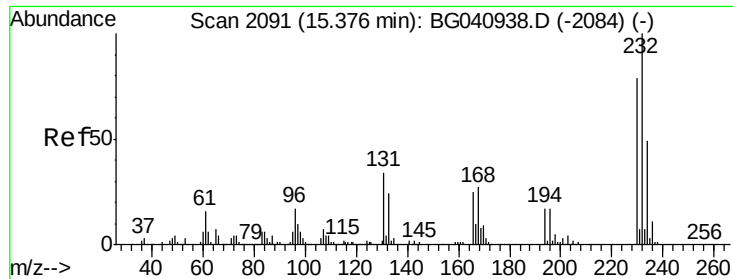


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

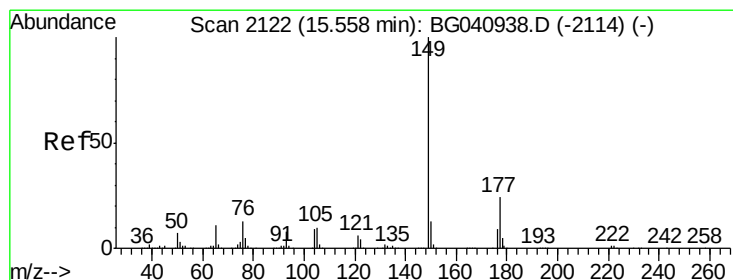
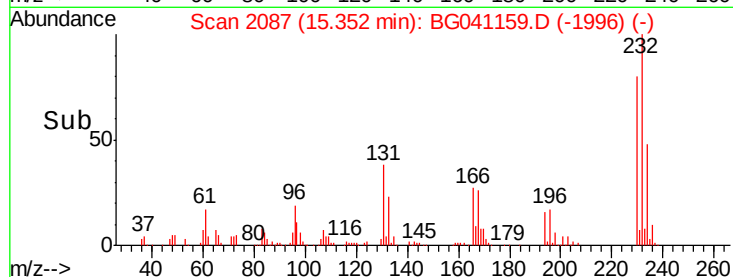
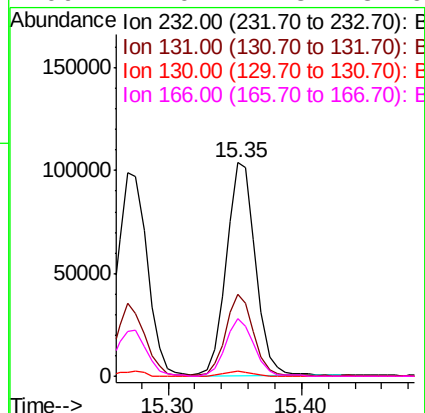
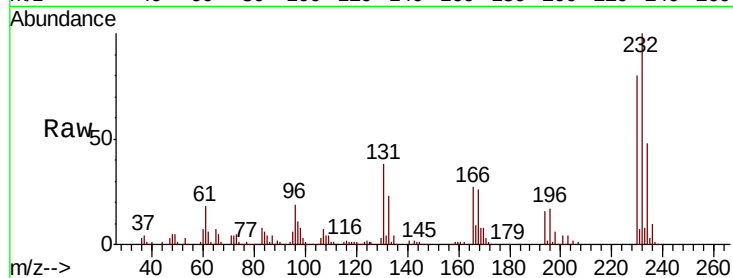




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.361 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

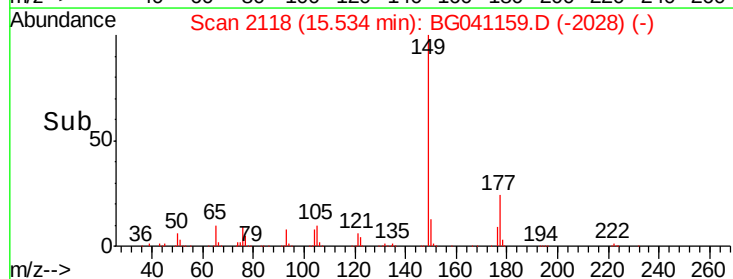
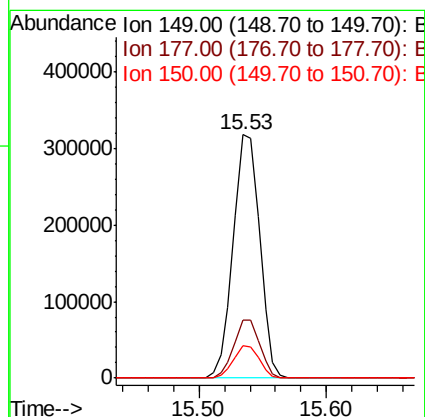
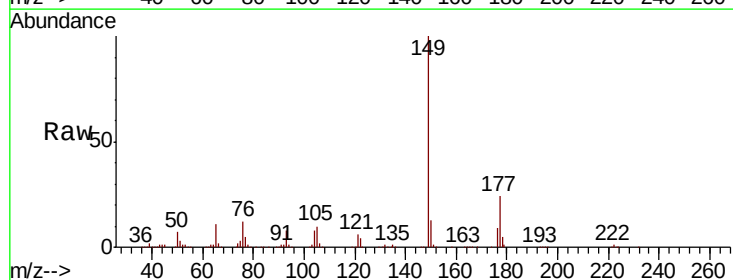
Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

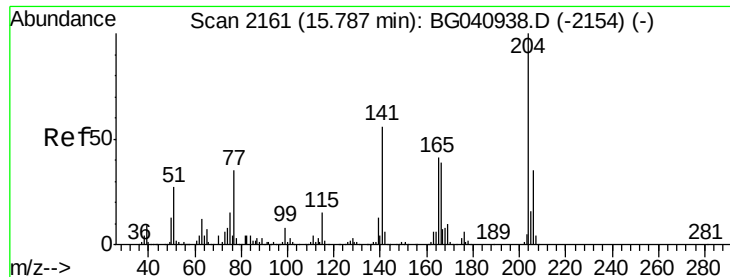
Tgt Ion:	232	Resp:	158262
Ion	Ratio	Lower	Upper
232	100		
131	36.9	30.3	45.5
130	2.4	1.8	2.8
166	27.0	21.3	31.9



#60
 Diethylphthalate
 Concen: 43.044 ng
 RT: 15.53 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion:	149	Resp:	459803
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.4	29.0
150	13.3	10.3	15.5

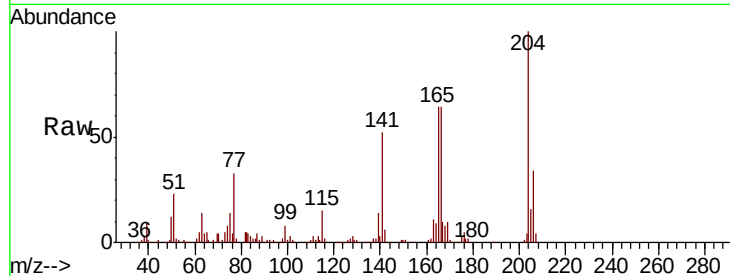




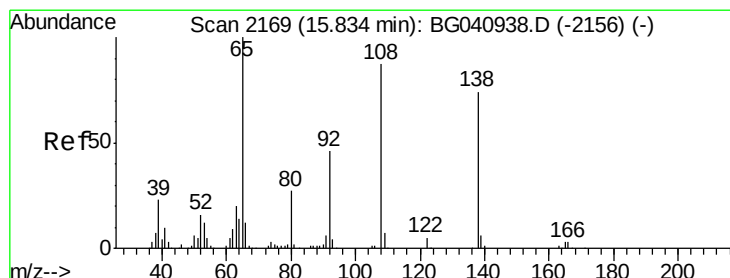
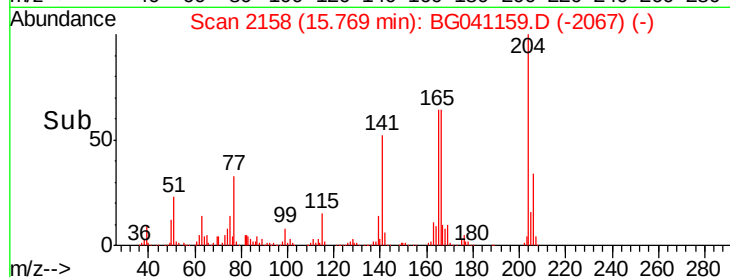
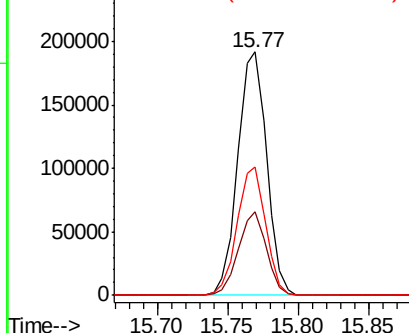
#61
 4-Chlorophenyl-phenylether
 Concen: 43.876 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

Tgt Ion:204 Resp: 273791
 Ion Ratio Lower Upper
 204 100
 206 34.5 27.6 41.4
 141 52.5 45.1 67.7

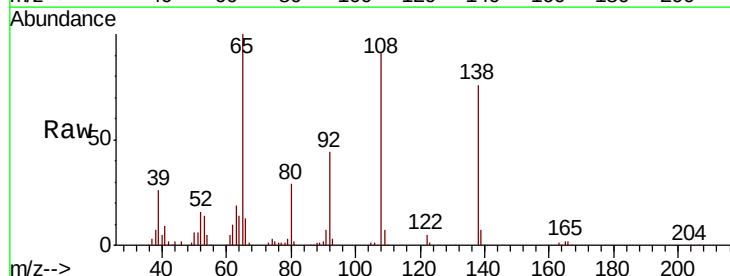


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

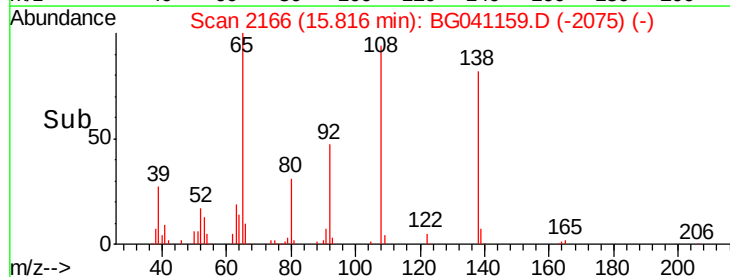
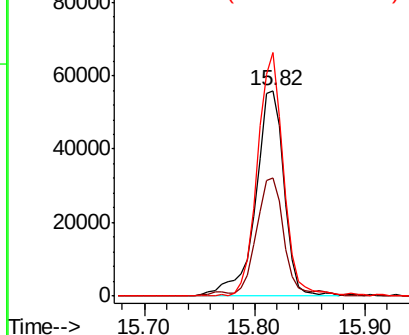


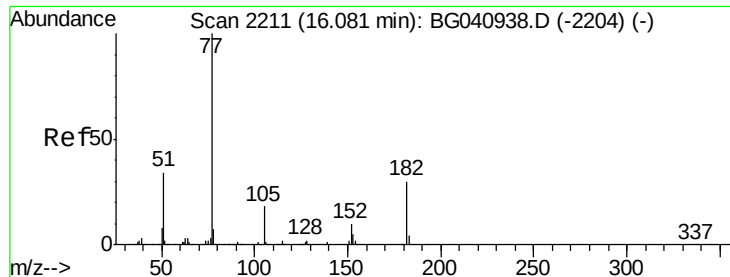
#62
 4-Nitroaniline
 Concen: 42.487 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion:138 Resp: 101509
 Ion Ratio Lower Upper
 138 100
 92 57.8 42.4 82.4
 108 118.6 96.9 136.9



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.248 ng

RT: 16.06 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

Tgt Ion: 77 Resp: 429595

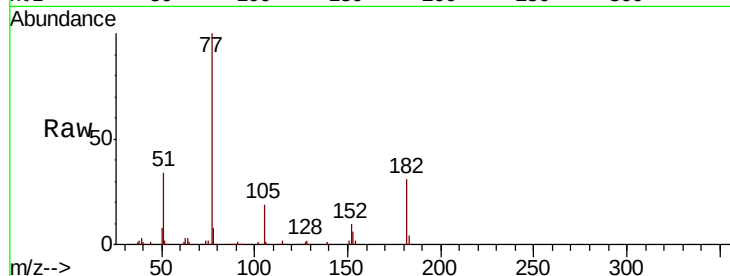
Ion Ratio Lower Upper

77 100

182 31.4 9.6 49.6

105 19.4 0.0 37.5

51 34.3 13.7 53.7

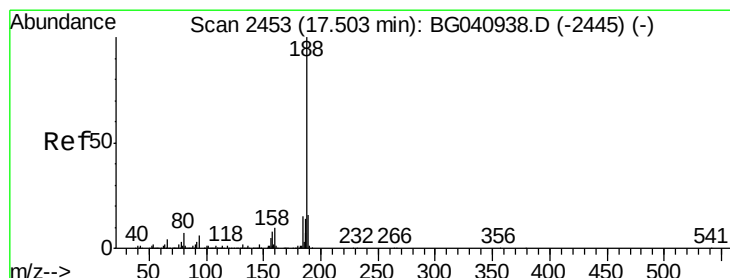
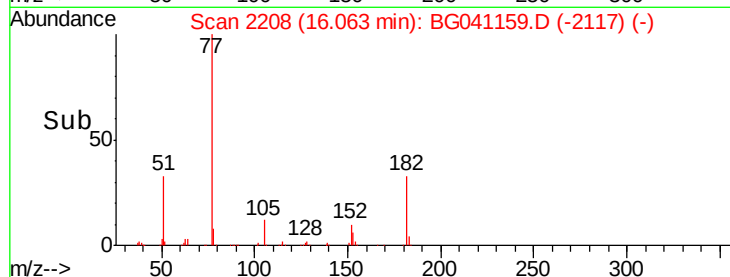
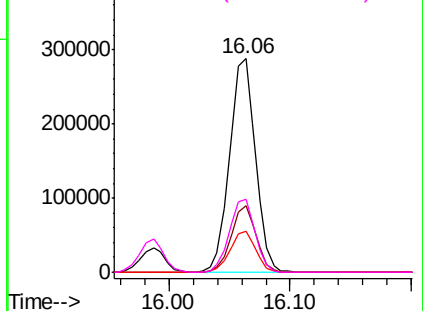


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

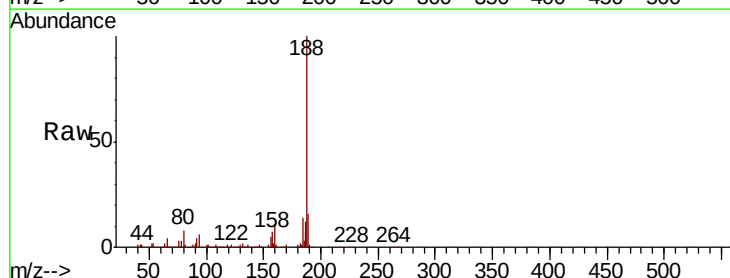
Tgt Ion: 188 Resp: 314872

Ion Ratio Lower Upper

188 100

94 6.4 4.7 7.1

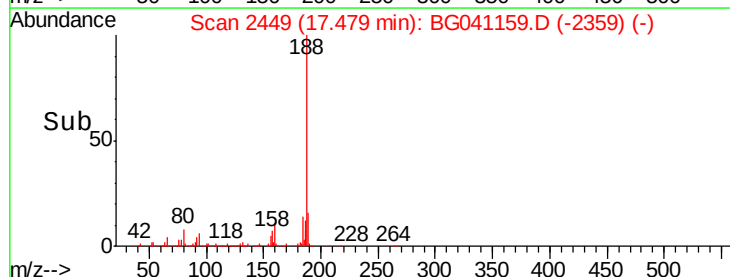
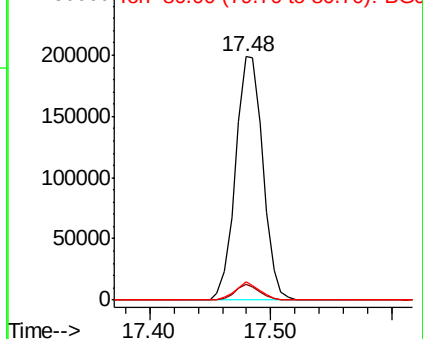
80 7.8 5.8 8.8

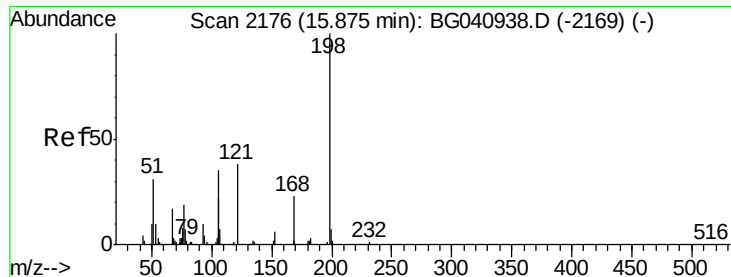


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 48.439 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

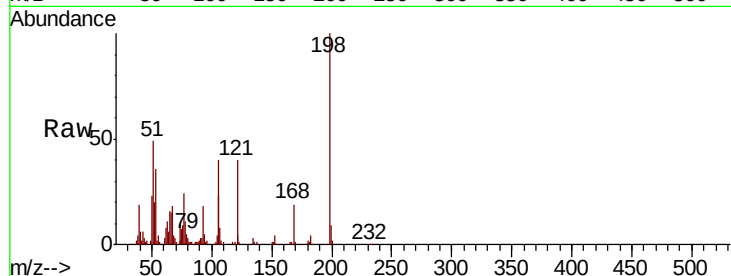
Tgt Ion:198 Resp: 81891

Ion Ratio Lower Upper

198 100

51 48.5 21.6 61.6

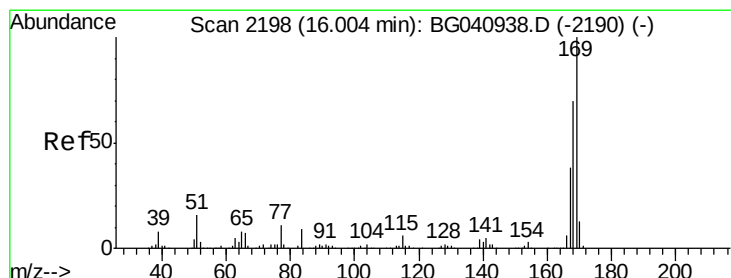
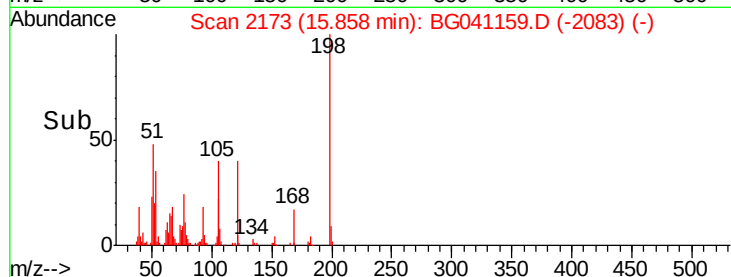
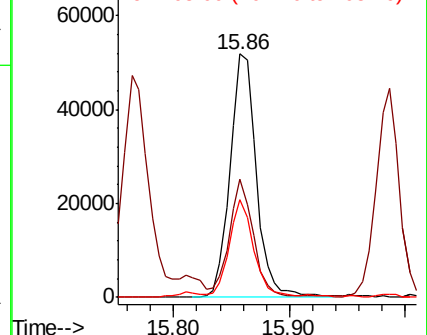
105 40.2 17.5 57.5



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: 44.904 ng

RT: 15.99 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

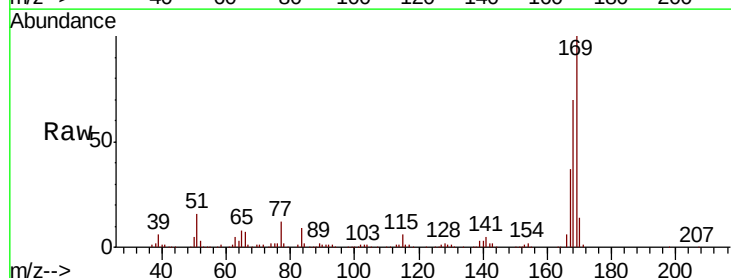
Tgt Ion:169 Resp: 397467

Ion Ratio Lower Upper

169 100

168 69.9 55.7 83.5

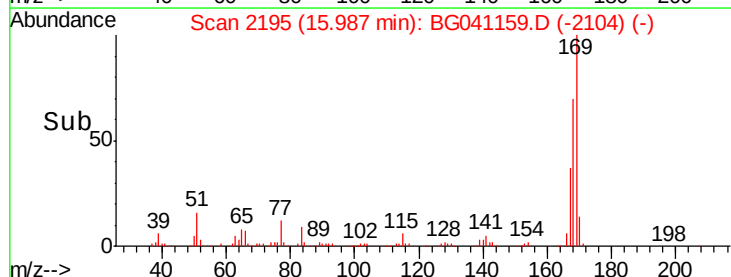
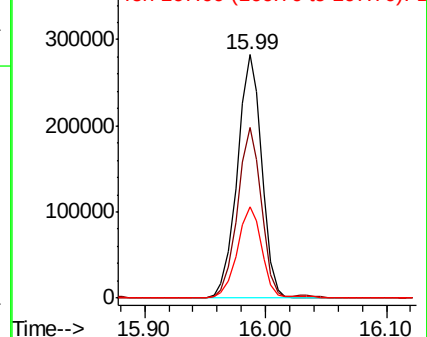
167 37.4 30.2 45.2

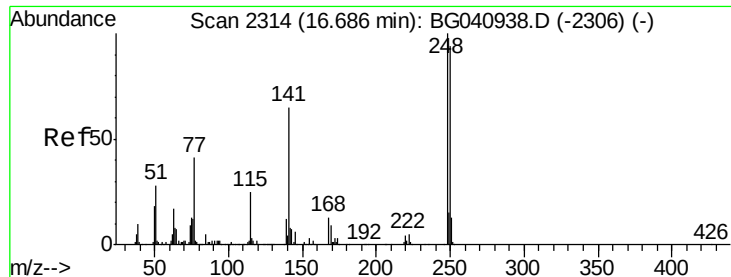


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

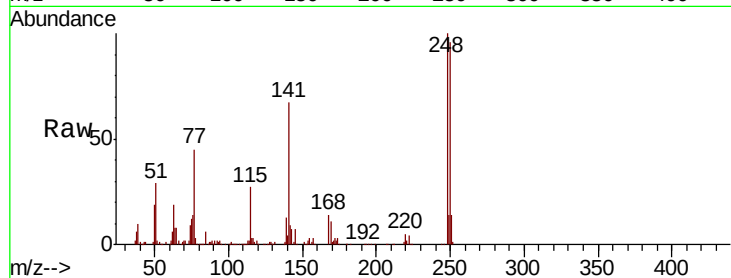




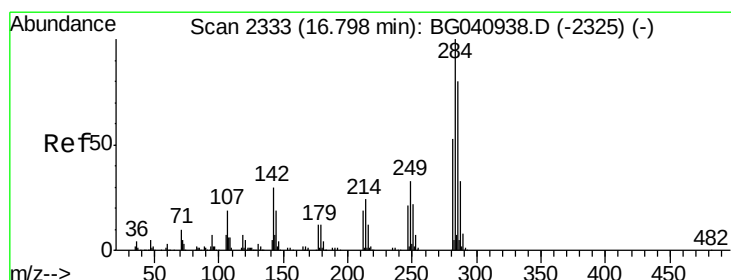
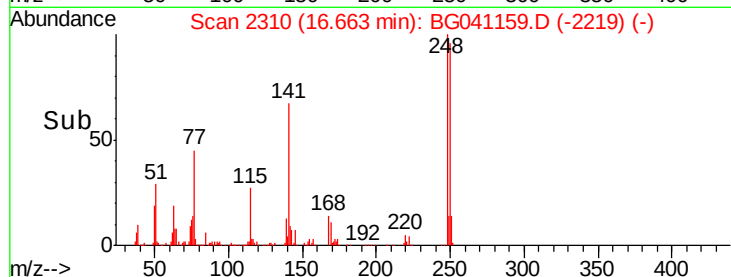
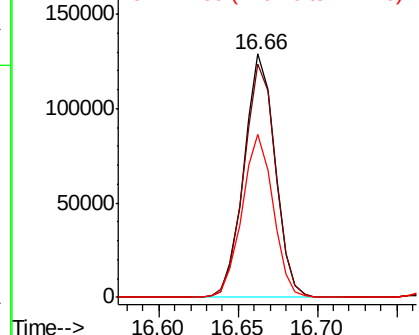
#67
4-Bromophenyl-phenylether
Concen: 41.278 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tgt Ion:248 Resp: 175403
Ion Ratio Lower Upper
248 100
250 95.7 75.0 112.4
141 66.9 52.4 78.6

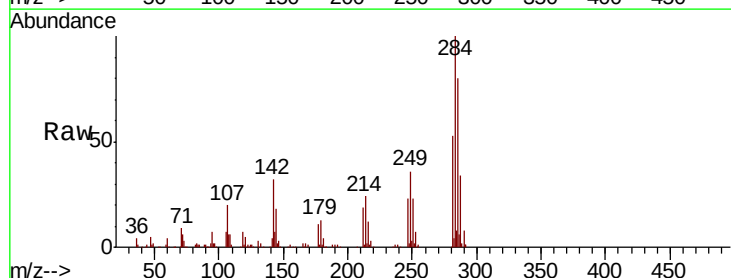


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

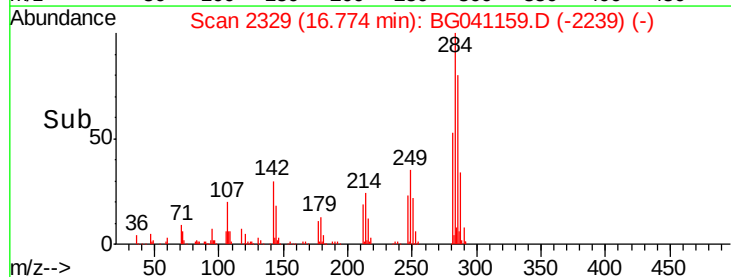
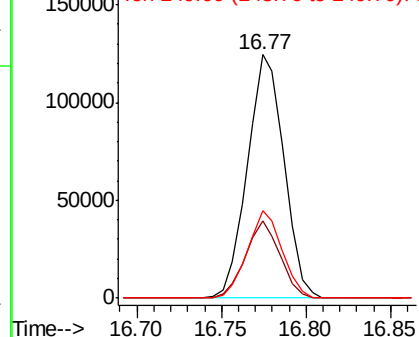


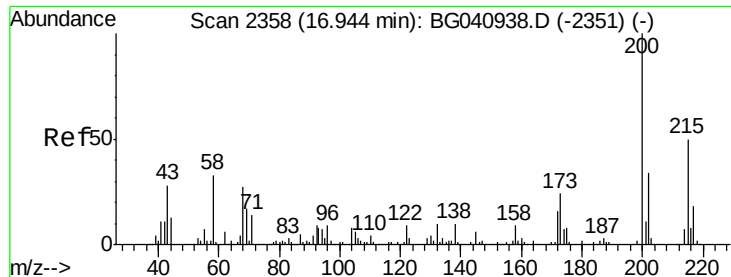
#68
Hexachlorobenzene
Concen: 41.303 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion:284 Resp: 186891
Ion Ratio Lower Upper
284 100
142 31.5 23.9 35.9
249 35.7 26.8 40.2



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

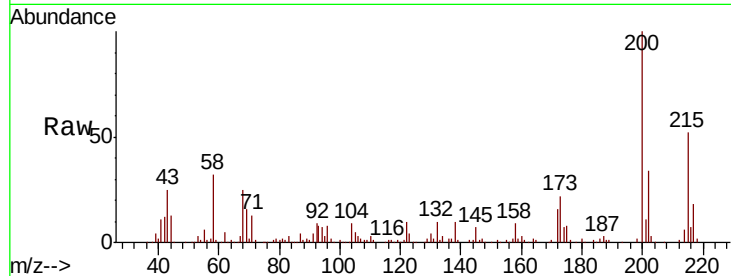




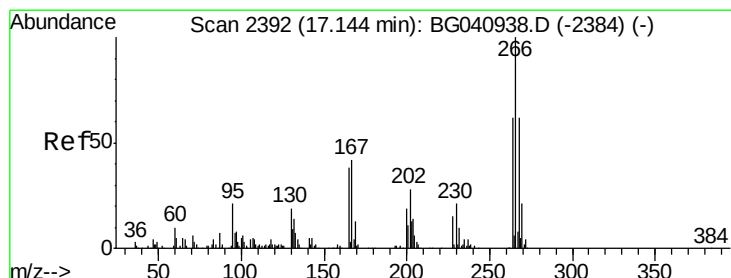
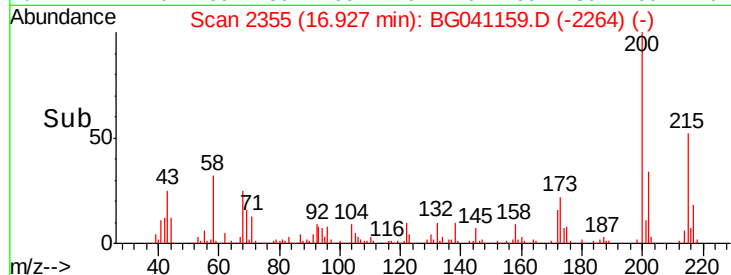
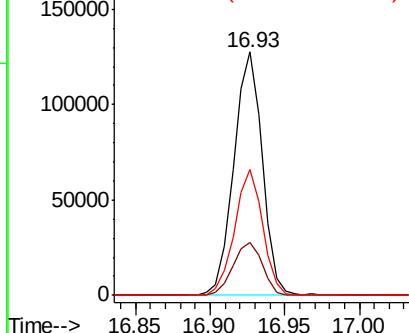
#69
 Atrazine
 Concen: 49.565 ng
 RT: 16.93 min Scan# 2355
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.9	3.6	43.6
215	51.6	29.6	69.6

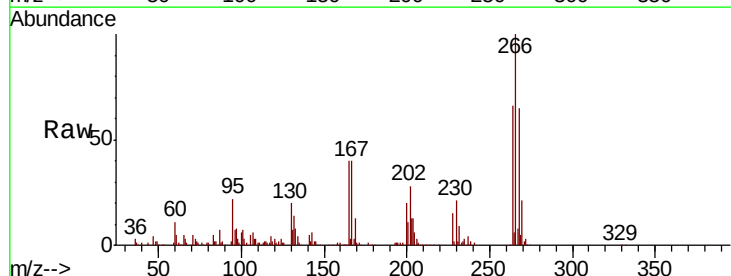


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

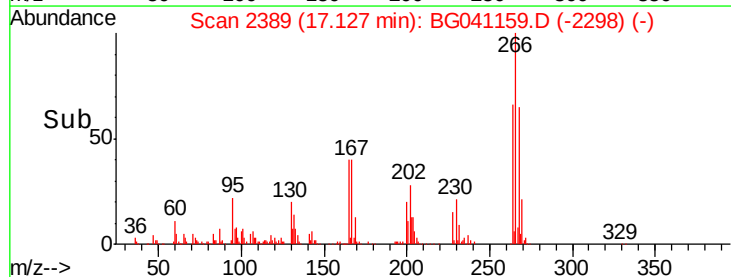
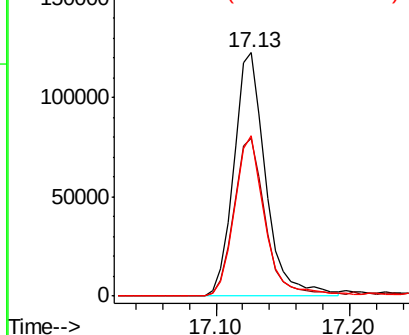


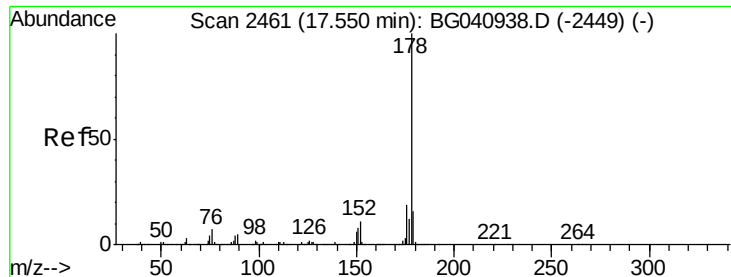
#70
 Pentachlorophenol
 Concen: 83.668 ng
 RT: 17.13 min Scan# 2389
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	53.1	79.7
264	65.9	49.9	74.9



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

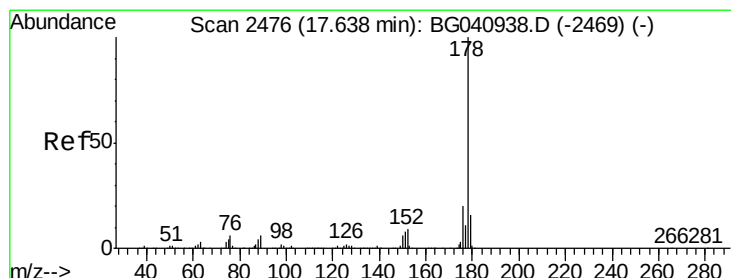
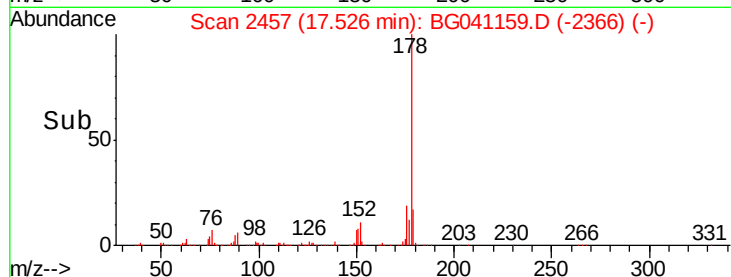
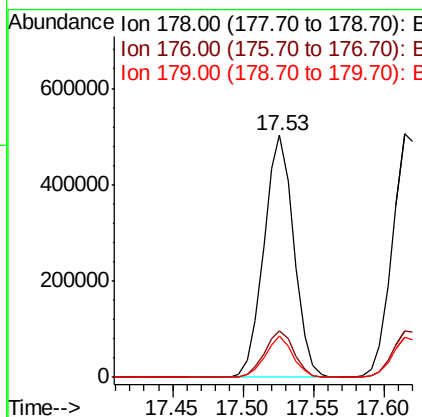
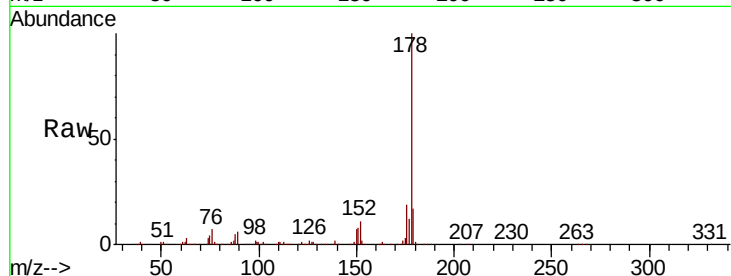




#71
Phenanthrene
Concen: 45.639 ng
RT: 17.53 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

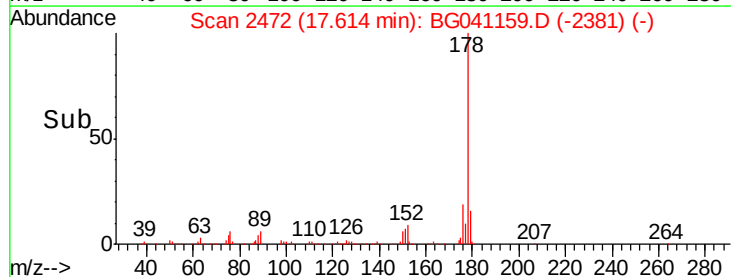
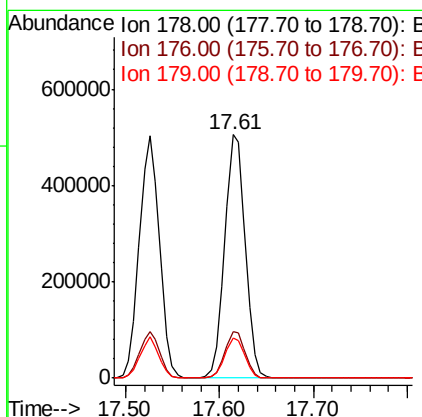
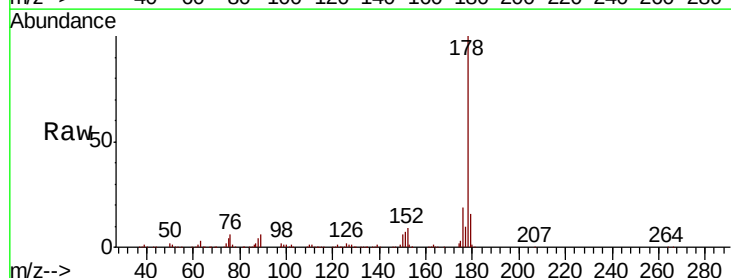
Instrument :
BNA_G
ClientSampleId :
PB120413BSD

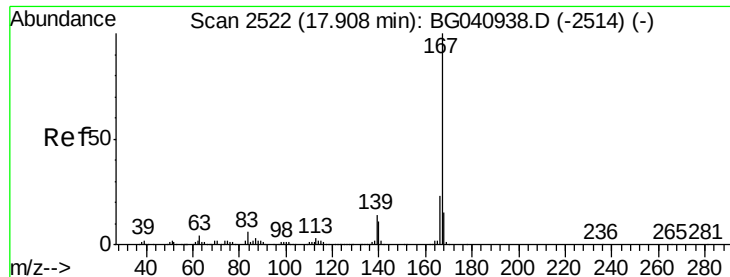
Tgt Ion:178 Resp: 748540
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 17.0 12.7 19.1



#72
Anthracene
Concen: 47.426 ng
RT: 17.61 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion:178 Resp: 767156
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 16.4 13.0 19.4

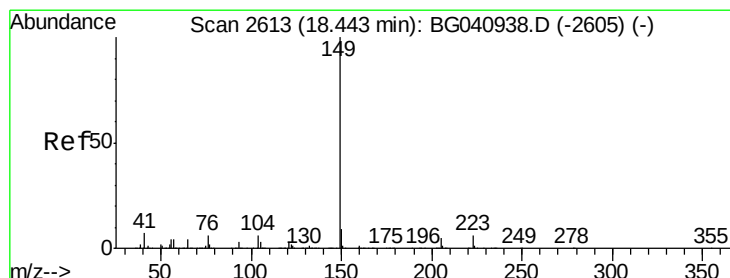
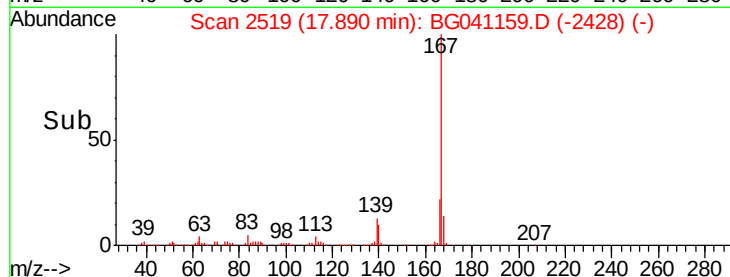
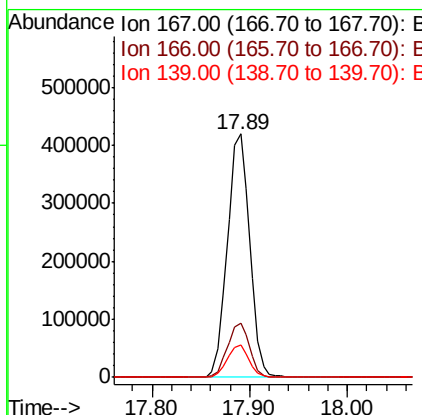
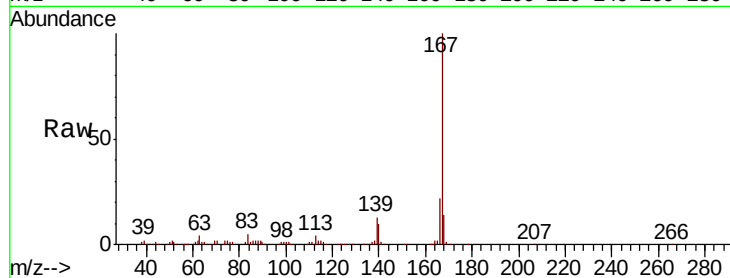




#73
 Carbazole
 Concen: 48.061 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

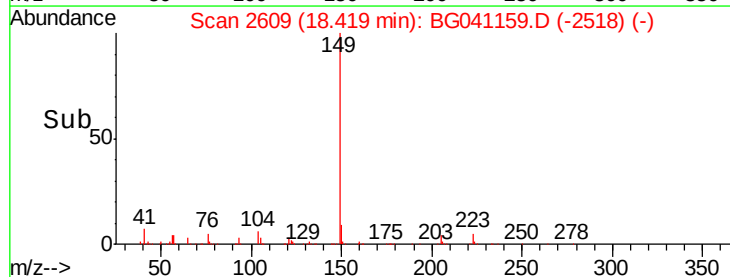
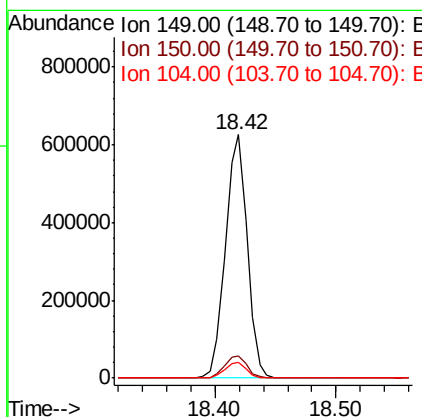
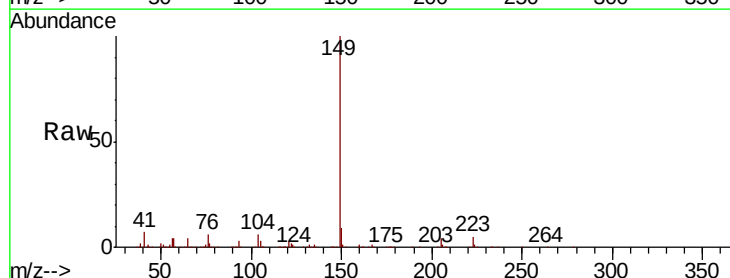
Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

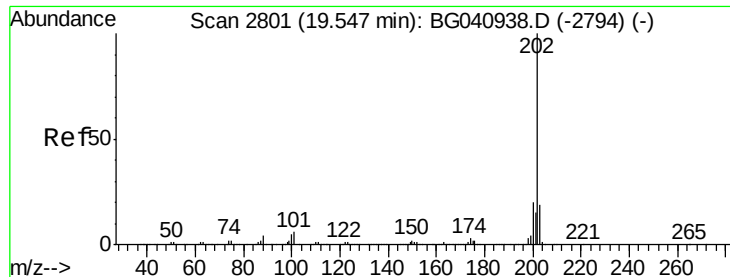
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.1	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 45.255 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 48.560 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

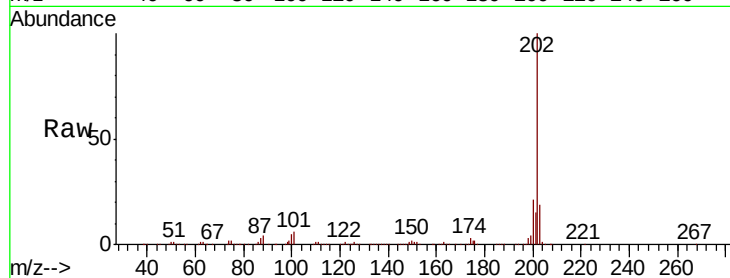
Tgt Ion:202 Resp: 983742

Ion Ratio Lower Upper

202 100

101 6.0 0.0 26.2

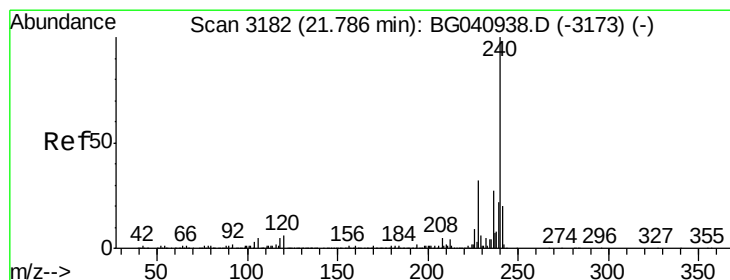
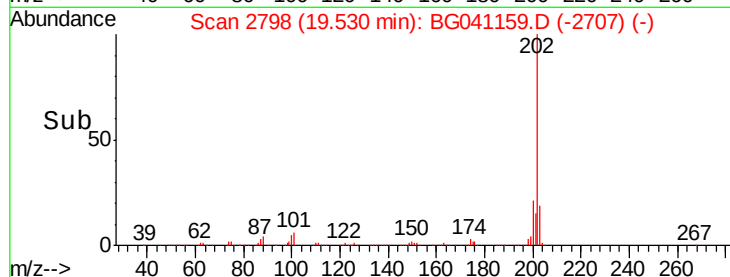
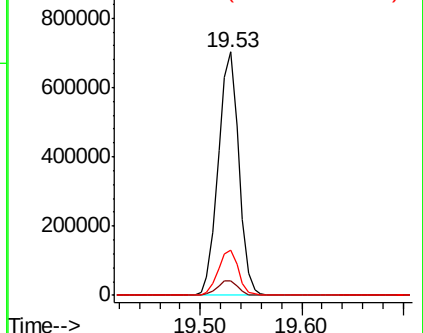
203 18.8 0.0 38.7



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: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

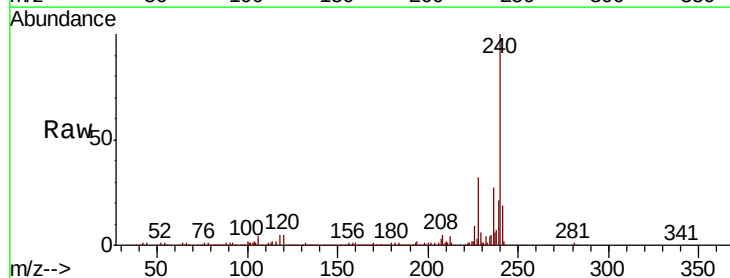
Tgt Ion:240 Resp: 319512

Ion Ratio Lower Upper

240 100

120 5.1 4.5 6.7

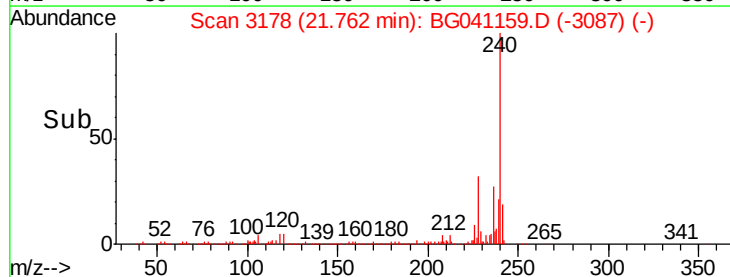
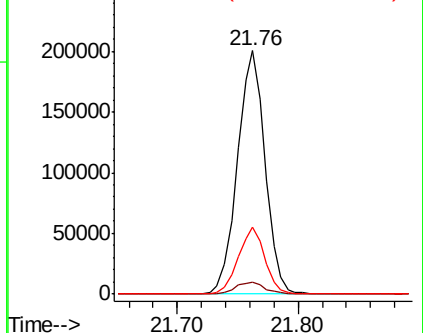
236 27.4 21.3 31.9

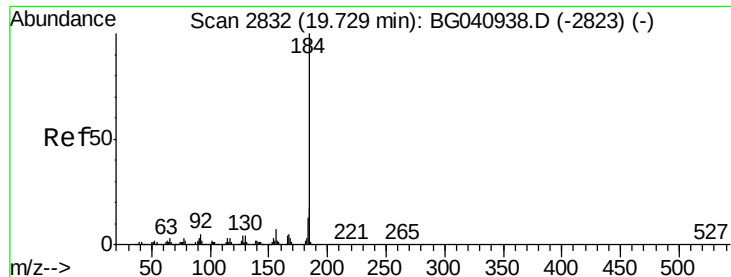


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.347 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

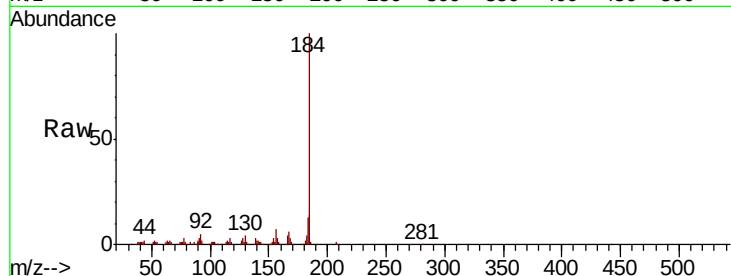
Tgt Ion:184 Resp: 147461

Ion Ratio Lower Upper

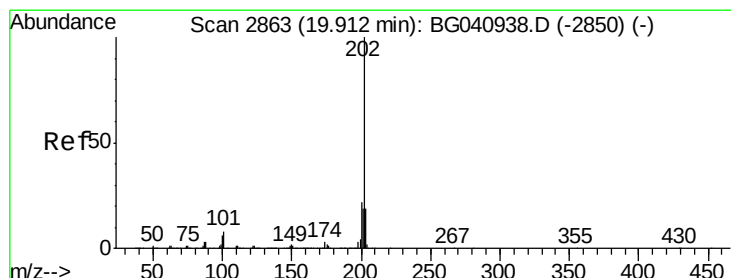
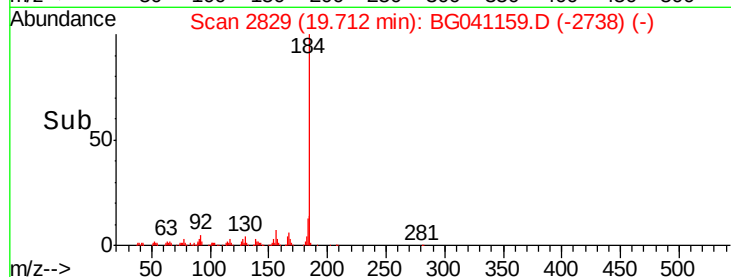
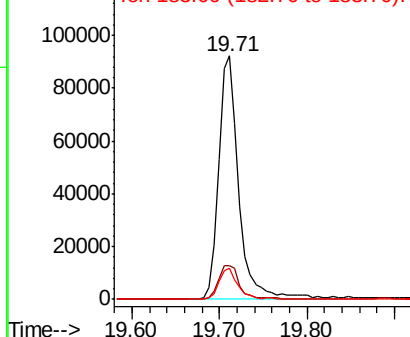
184 100

185 13.9 13.3 19.9

183 12.9 10.7 16.1



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: 47.292 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

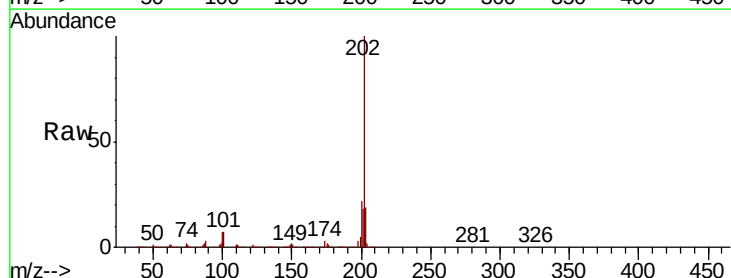
Tgt Ion:202 Resp: 982264

Ion Ratio Lower Upper

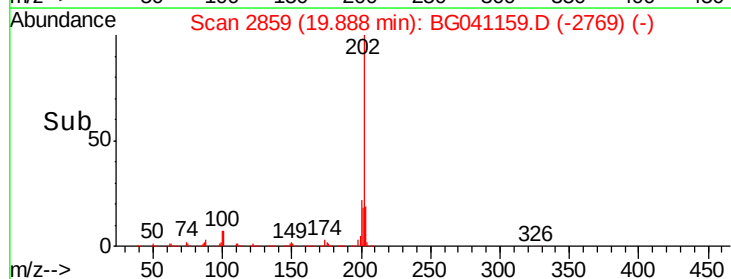
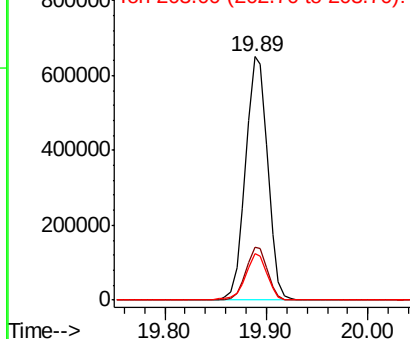
202 100

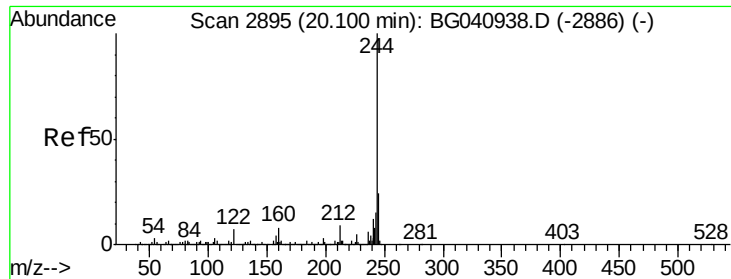
200 21.6 17.5 26.3

203 18.9 15.6 23.4



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: 97.230 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

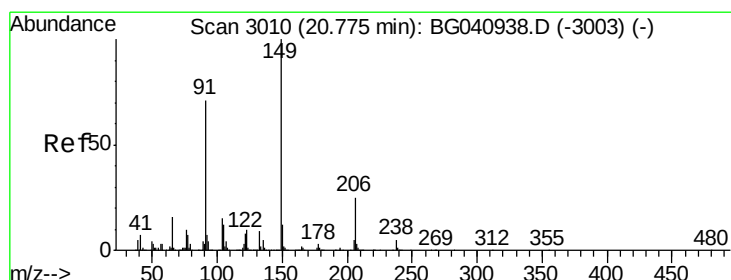
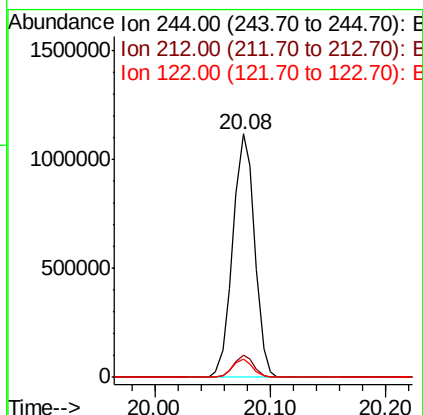
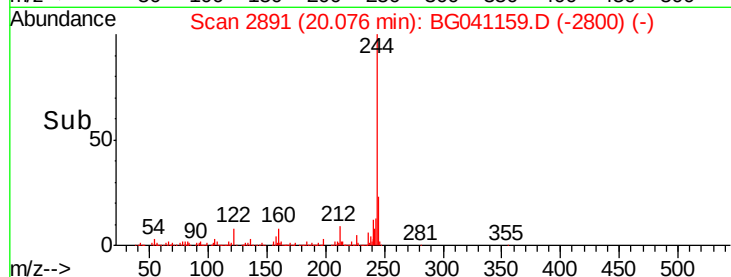
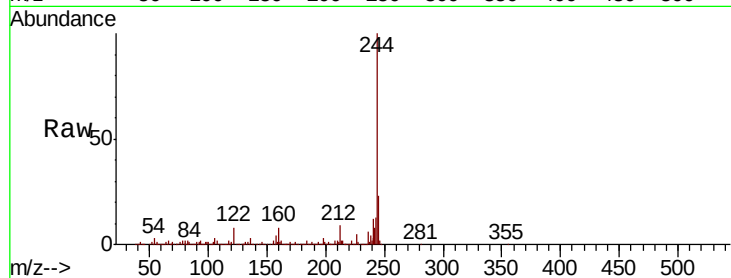
Tgt Ion:244 Resp: 1463765

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

122 7.7 5.4 8.0



#80

Butylbenzylphthalate

Concen: 45.568 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

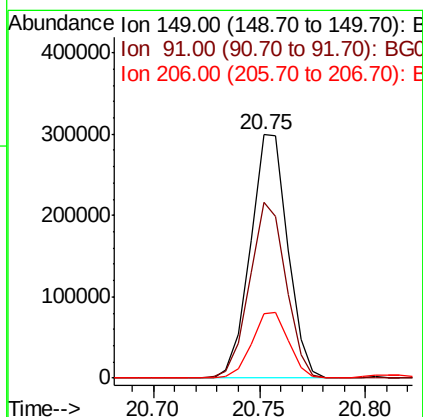
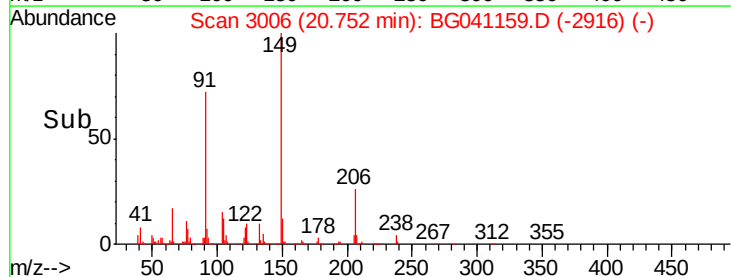
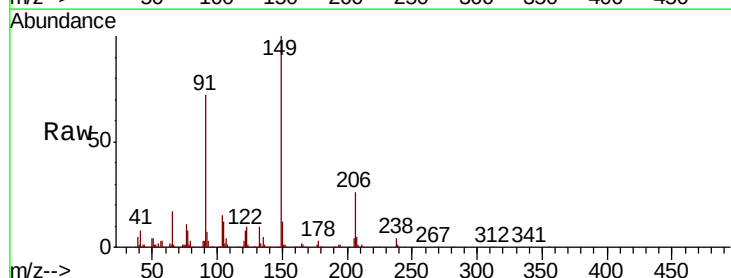
Tgt Ion:149 Resp: 368326

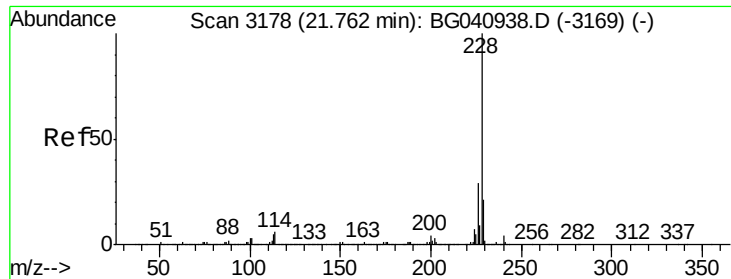
Ion Ratio Lower Upper

149 100

91 72.3 56.5 84.7

206 26.3 20.3 30.5





#81

Benzo(a)anthracene

Concen: 45.189 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

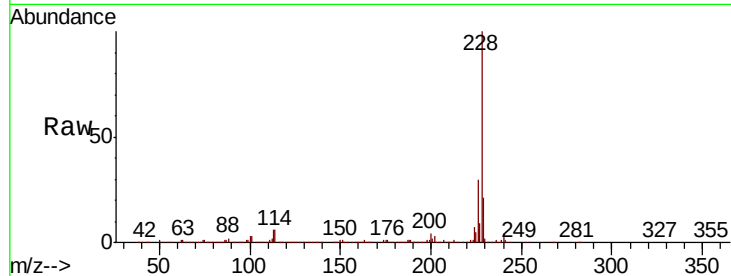
Tgt Ion:228 Resp: 961114

Ion Ratio Lower Upper

228 100

226 29.8 23.5 35.3

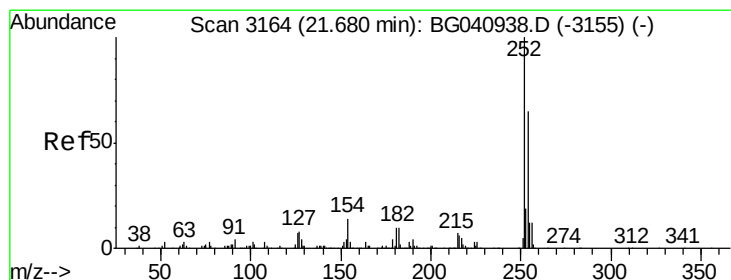
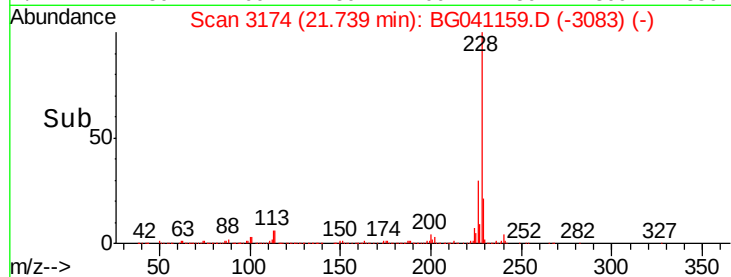
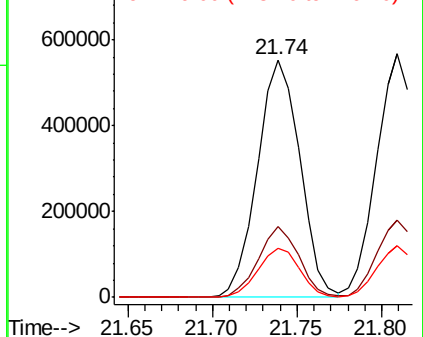
229 20.9 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.518 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

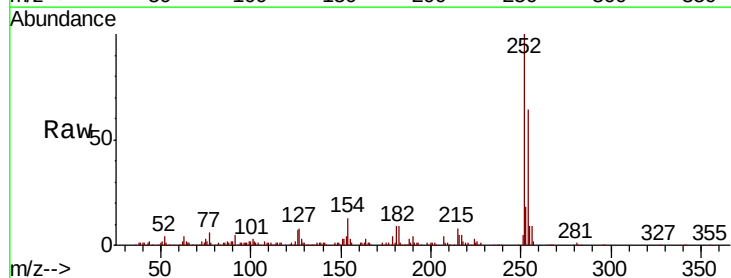
Tgt Ion:252 Resp: 153491

Ion Ratio Lower Upper

252 100

254 63.8 52.1 78.1

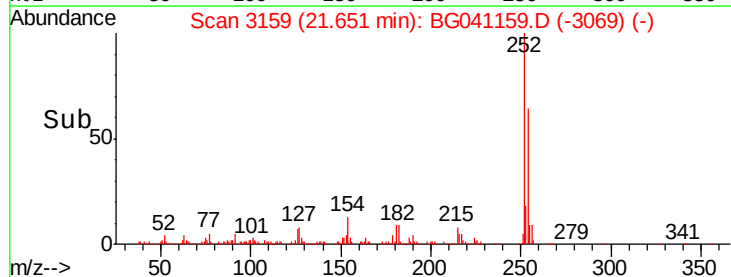
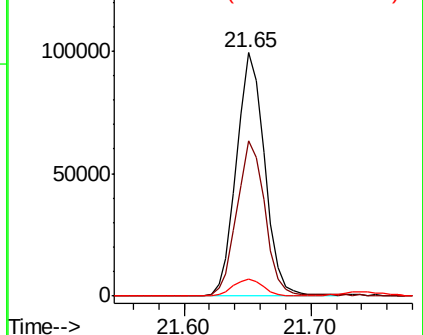
126 7.2 5.5 8.3

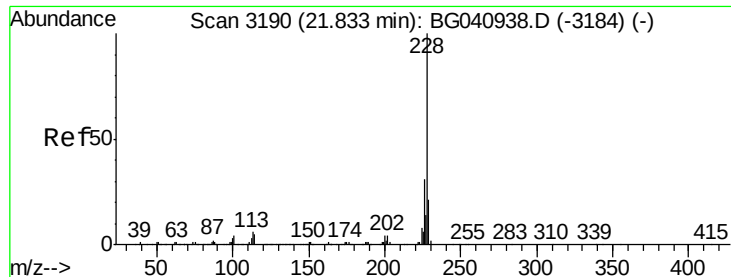


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.889 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

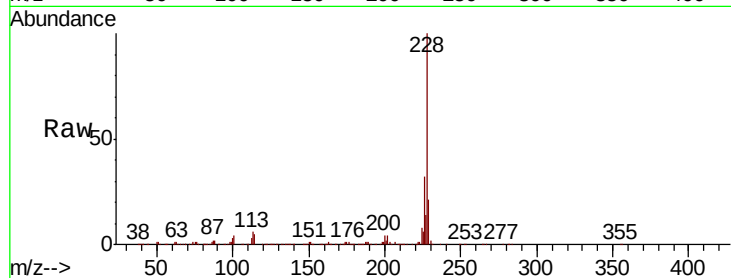
BNA_G

ClientSampleId :

PB120413BSD

Tgt Ion:228 Resp: 933997

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.6	37.0
229	21.0	16.6	24.8

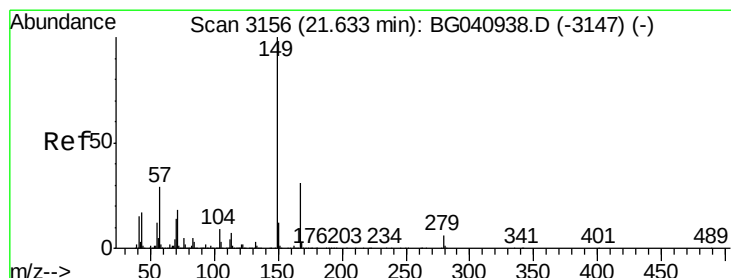
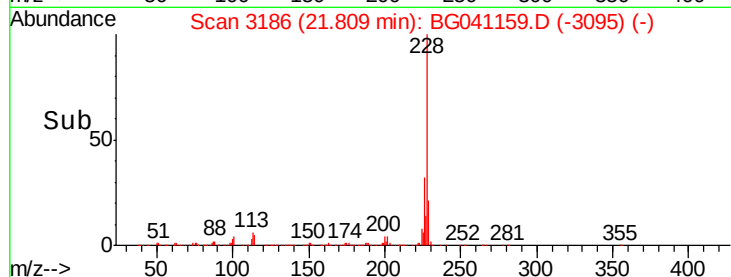
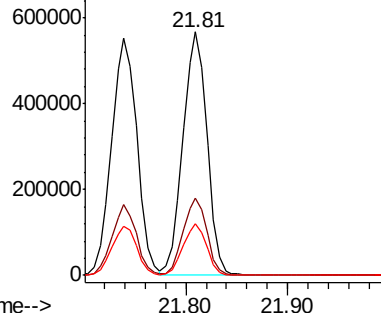


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.495 ng

RT: 21.60 min Scan# 3151

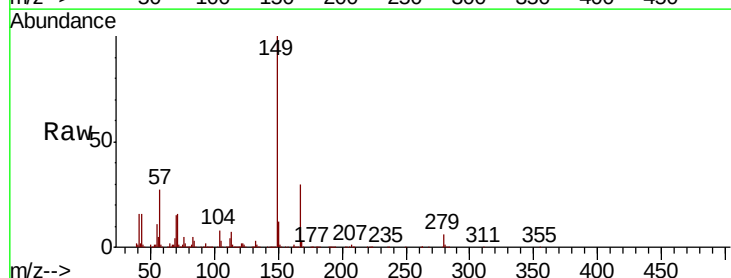
Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Tgt Ion:149 Resp: 517668

Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.6	37.0
279	5.5	5.0	7.6

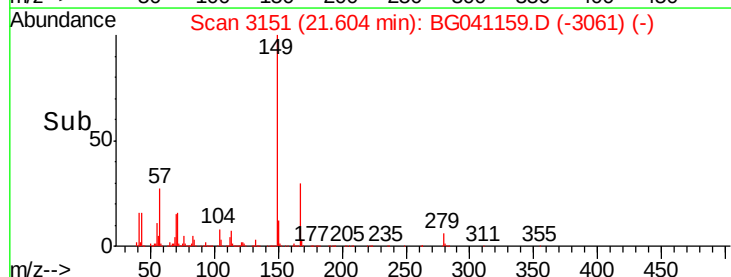
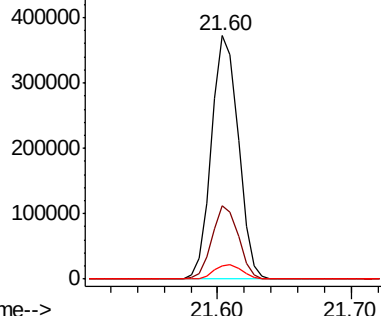


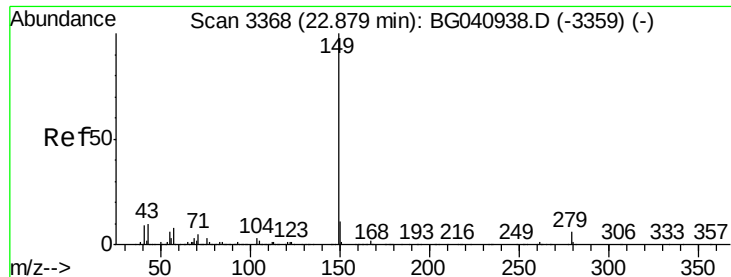
Abundance

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: 45.497 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

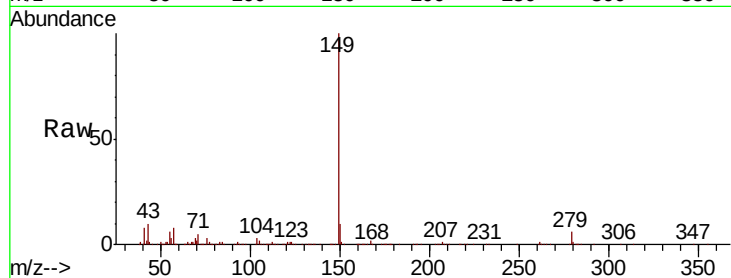
Instrument :

BNA_G

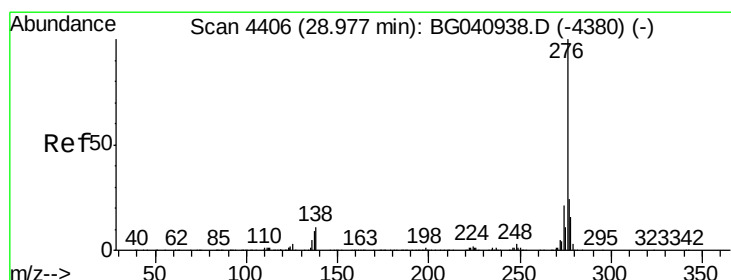
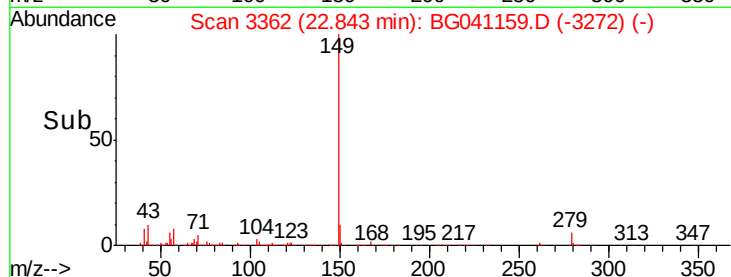
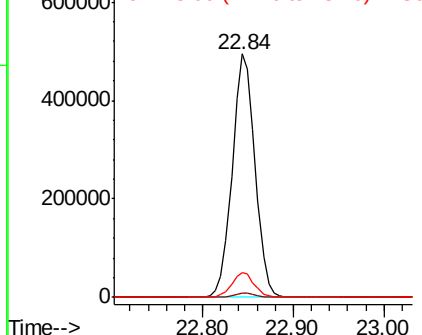
ClientSampleId :

PB120413BSD

Tgt Ion:	149	Resp:	862179
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.9	8.1	12.1



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.249 ng

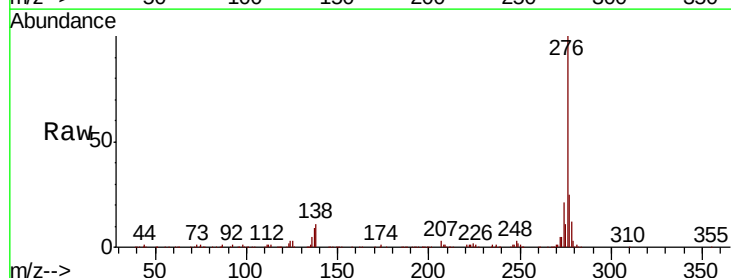
RT: 28.91 min Scan# 4394

Delta R.T. 0.00 min

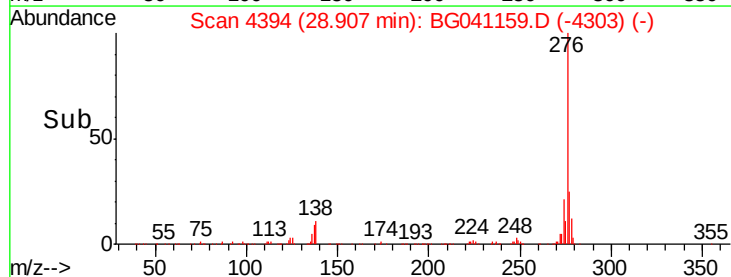
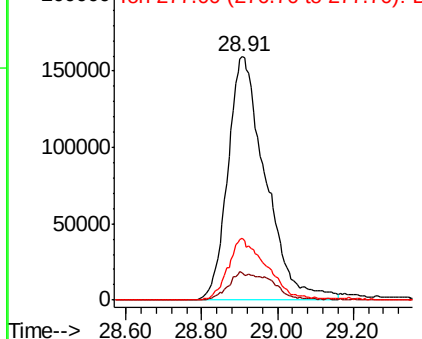
Lab File: BG041159.D

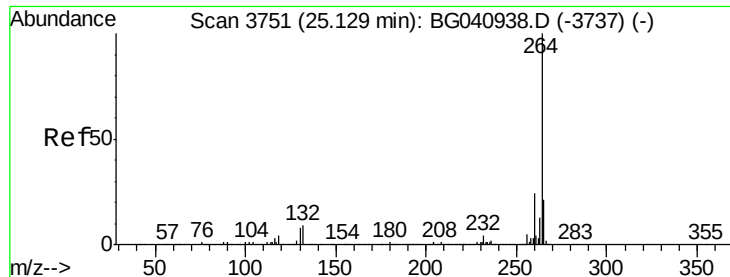
Acq: 10 Jun 2019 11:02

Tgt Ion:	276	Resp:	1103239
Ion	Ratio	Lower	Upper
276	100		
138	5.6	5.7	8.5#
277	25.2	20.8	31.2



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

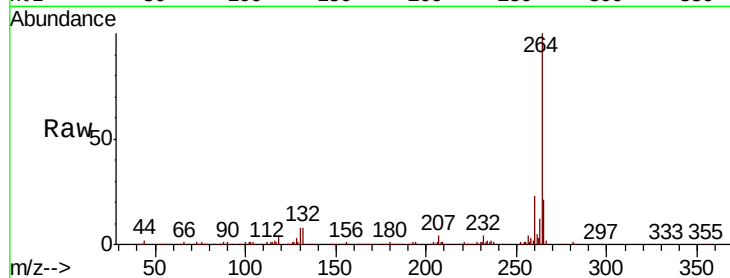
Tgt Ion:264 Resp: 342219

Ion Ratio Lower Upper

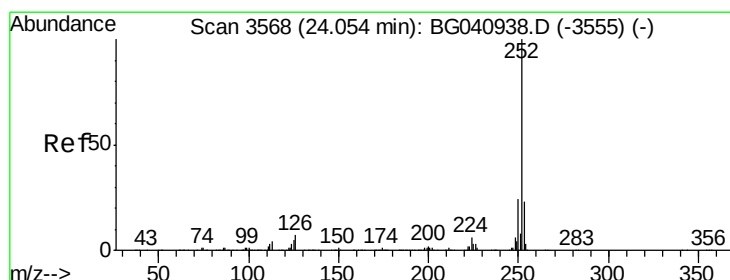
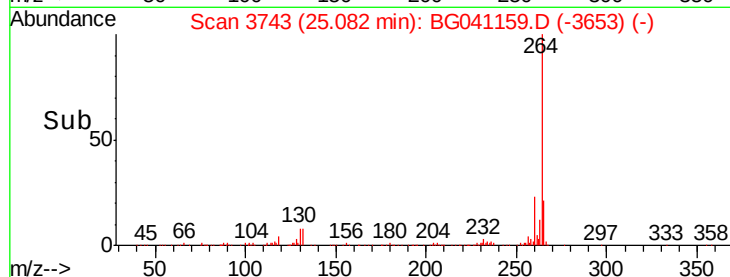
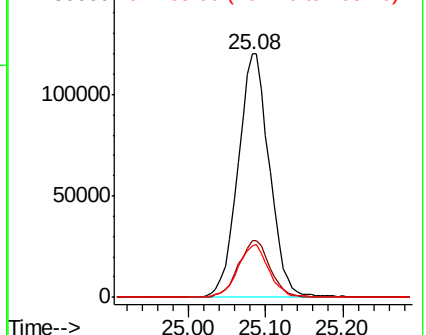
264 100

260 23.4 19.0 28.4

265 21.4 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.932 ng

RT: 24.02 min Scan# 3563

Delta R.T. 0.01 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

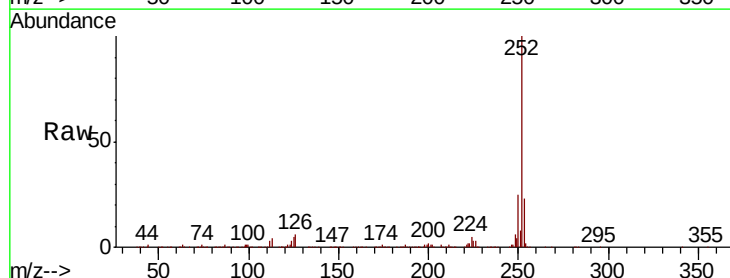
Tgt Ion:252 Resp: 953397

Ion Ratio Lower Upper

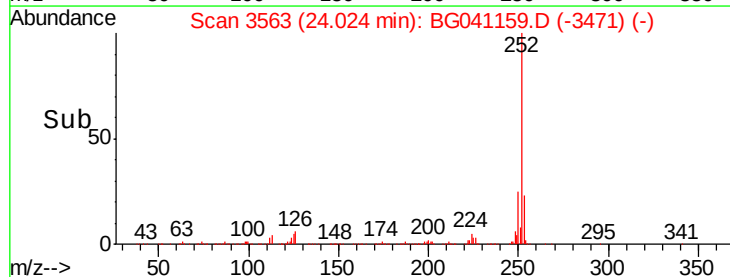
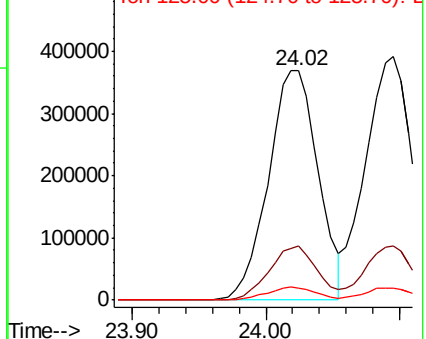
252 100

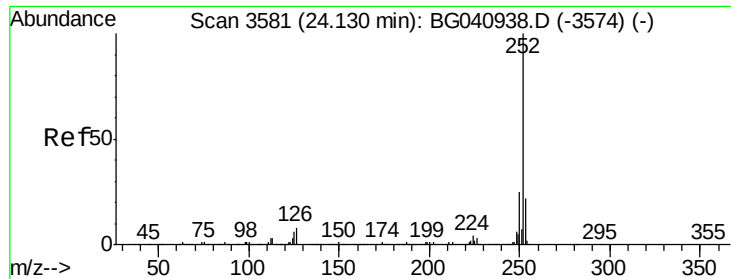
253 23.4 18.4 27.6

125 5.1 4.3 6.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.191 ng

RT: 24.09 min Scan# 3575

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

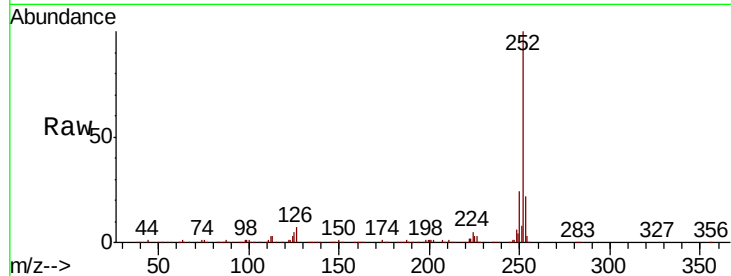
Tgt Ion:252 Resp: 948769

Ion Ratio Lower Upper

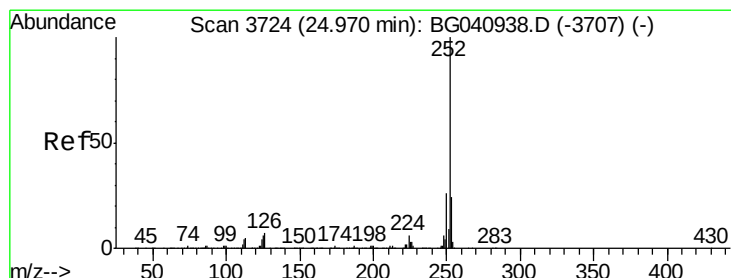
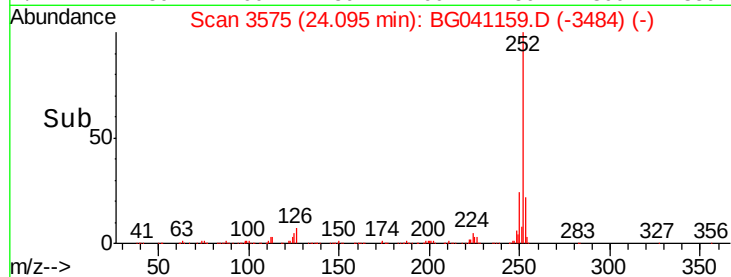
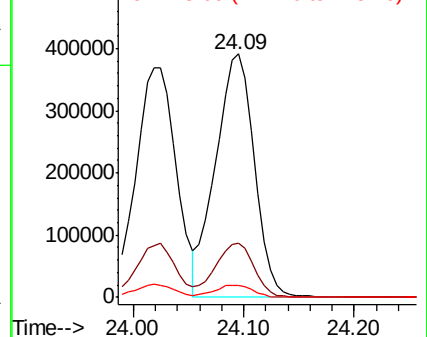
252 100

253 22.5 17.8 26.6

125 5.1 4.7 7.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.848 ng

RT: 24.93 min Scan# 3717

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

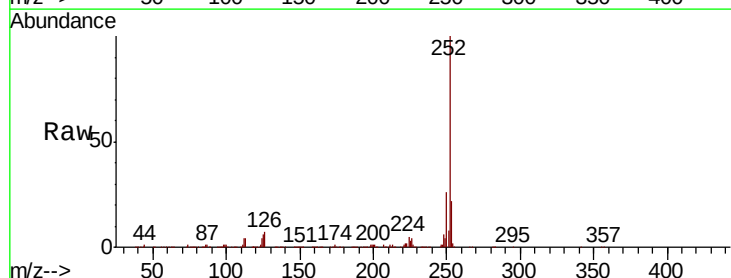
Tgt Ion:252 Resp: 947559

Ion Ratio Lower Upper

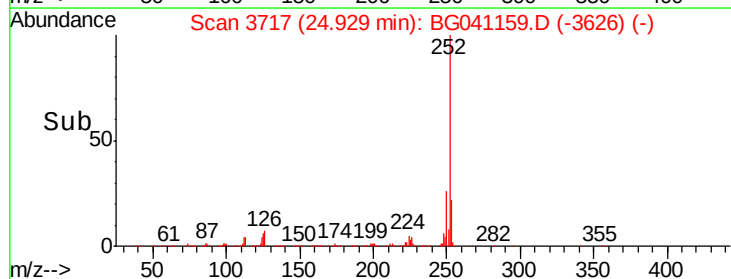
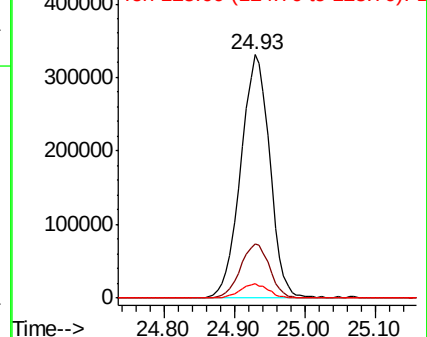
252 100

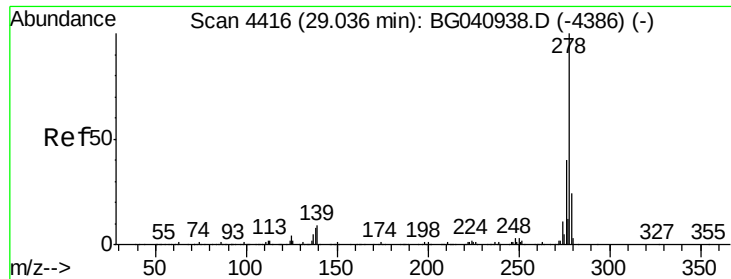
253 22.1 19.5 29.3

125 5.9 5.1 7.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.589 ng

RT: 28.98 min Scan# 4406

Delta R.T. 0.01 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB120413BSD

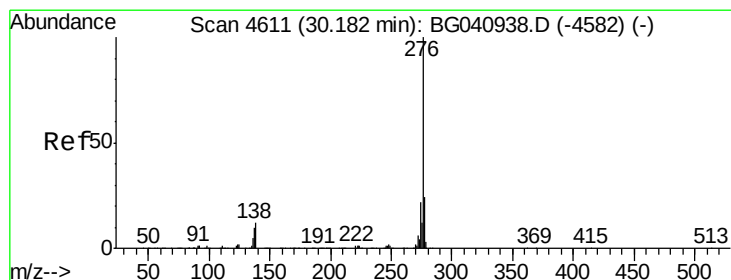
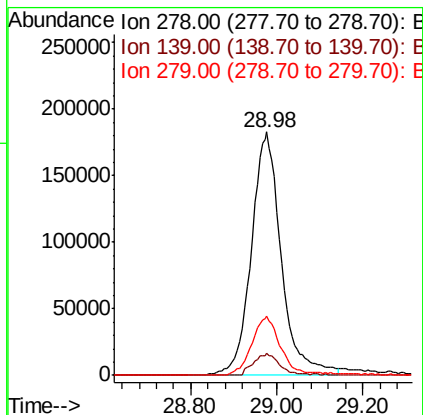
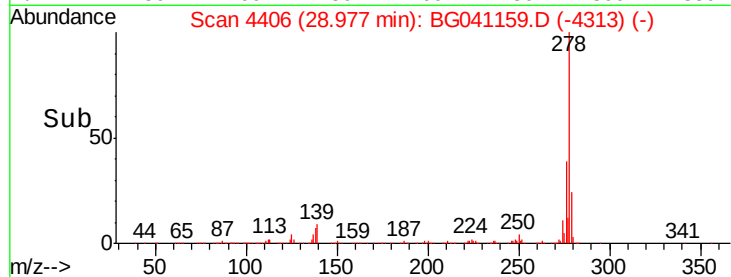
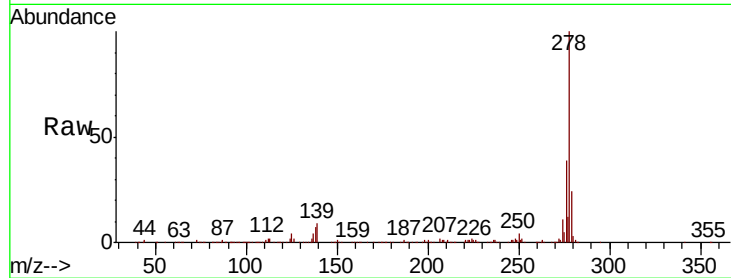
Tgt Ion:278 Resp: 902100

Ion Ratio Lower Upper

278 100

139 9.3 7.1 10.7

279 24.1 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 45.861 ng

RT: 30.11 min Scan# 4599

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Tgt Ion:276 Resp: 881640

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 11.7 9.7 14.5

