

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036384.D
 Acq On : 23 Aug 2018 19:30
 Operator : JU/SJ
 Sample : PB112153BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 24 03:32:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	48861	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	213897	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	142231	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	377058	20.00	ng	0.00
75) Chrysene-d12	21.71	240	387118	20.00	ng	0.00
86) Perylene-d12	24.93	264	407427	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	344870	111.96	ng	0.00
7) Phenol-d6	7.22	99	469480	106.46	ng	0.00
23) Nitrobenzene-d5	9.23	82	262660	66.63	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	189084	111.41	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	654179	65.67	ng	0.00
78) Terphenyl-d14	20.05	244	1167311	70.48	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	50499	35.130	ng	99
3) Pyridine	3.93	79	146296	36.257	ng	98
4) n-Nitrosodimethylamine	3.84	42	72971	40.603	ng	96
6) Aniline	7.39	93	183284	32.742	ng	98
8) 2-Chlorophenol	7.63	128	146383	43.823	ng	97
9) Benzaldehyde	7.20	77	98535	32.446	ng	96
10) Phenol	7.25	94	205561	44.541	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	139544	38.139	ng	99
12) 1,3-Dichlorobenzene	7.96	146	147791	38.748	ng	97
13) 1,4-Dichlorobenzene	8.11	146	148877	38.661	ng	99
14) 1,2-Dichlorobenzene	8.42	146	141744	38.542	ng	96
15) Benzyl Alcohol	8.30	79	148595	41.797	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	269094	36.469	ng	99
17) 2-Methylphenol	8.50	107	136831	44.651	ng	99
18) Hexachloroethane	9.16	117	53894	39.035	ng	96
19) n-Nitroso-di-n-propylamine	8.88	70	120517	36.565	ng	97
20) 3+4-Methylphenols	8.83	107	188536	44.067	ng	98
22) Acetophenone	8.89	105	226083	40.251	ng	# 99
24) Nitrobenzene	9.27	77	174164	40.969	ng	98
25) Isophorone	9.79	82	341063	43.550	ng	98
26) 2-Nitrophenol	9.98	139	69108	41.024	ng	99
27) 2,4-Dimethylphenol	10.04	122	150743	48.334	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	198339	41.265	ng	98
29) 2,4-Dichlorophenol	10.52	162	155132	45.386	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	154833	38.722	ng	98
31) Naphthalene	10.93	128	456793	42.721	ng	100
32) Benzoic acid	10.16	122	92101	40.594	ng	95
33) 4-Chloroaniline	11.03	127	119754	24.441	ng	97
34) Hexachlorobutadiene	11.22	225	102025	37.976	ng	98
35) Caprolactam	11.79	113	33818	24.837	ng	95
36) 4-Chloro-3-methylphenol	12.14	107	176865	44.532	ng	99
37) 2-Methylnaphthalene	12.53	142	354542	45.316	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	194011	38.545	ng	98
40) Hexachlorocyclopentadiene	12.88	237	244654	93.419	ng	99

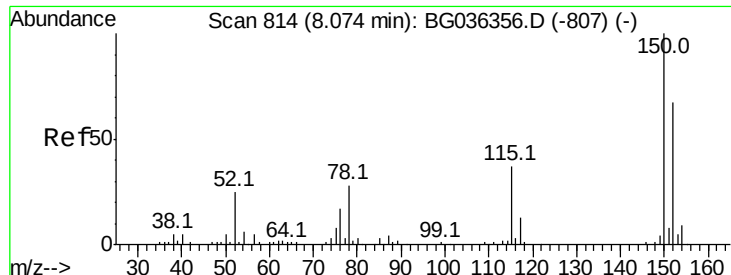
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036384.D
 Acq On : 23 Aug 2018 19:30
 Operator : JU/SJ
 Sample : PB112153BSD
 Misc :
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Instrument :
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 ClientSampleId :

Quant Time: Aug 24 03:32:57 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	131942	43.033	ng	100
43) 2,4,5-Trichlorophenol	13.20	196	146444	44.780	ng	99
45) 1,1'-Biphenyl	13.53	154	460344	38.991	ng	97
46) 2-Chloronaphthalene	13.57	162	347302	38.533	ng	99
47) 2-Nitroaniline	13.77	65	123718	43.712	ng	96
48) Acenaphthylene	14.42	152	597124	42.391	ng	99
49) Dimethylphthalate	14.15	163	483772	41.654	ng	99
50) 2,6-Dinitrotoluene	14.26	165	103306	43.227	ng	95
51) Acenaphthene	14.76	154	386348	42.826	ng	99
52) 3-Nitroaniline	14.59	138	76893	29.857	ng	97
53) 2,4-Dinitrophenol	14.79	184	71971	79.507	ng	94
54) Dibenzofuran	15.09	168	572129	40.481	ng	99
55) 4-Nitrophenol	14.89	139	185274	87.987	ng	99
56) 2,4-Dinitrotoluene	15.05	165	144242	46.311	ng	96
57) Fluorene	15.74	166	459769	43.516	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	144848	47.142	ng	99
59) Diethylphthalate	15.52	149	490374	41.896	ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	255162	39.110	ng	99
61) 4-Nitroaniline	15.75	138	121411	45.052	ng	94
62) Azobenzene	16.03	77	478865	40.211	ng	99
64) 4,6-Dinitro-2-methylphenol	15.81	198	63666	38.438	ng	94
65) n-Nitrosodiphenylamine	15.95	169	430339	38.410	ng	97
66) 4-Bromophenyl-phenylether	16.63	248	170188	38.551	ng	98
67) Hexachlorobenzene	16.74	284	172895	38.301	ng	97
68) Atrazine	16.90	200	180815	42.997	ng	100
69) Pentachlorophenol	17.08	266	219735	71.623	ng	97
70) Phenanthrene	17.48	178	792308	41.353	ng	99
71) Anthracene	17.57	178	813734	42.607	ng	99
72) Carbazole	17.84	167	736001	38.588	ng	98
73) Di-n-butylphthalate	18.40	149	860240	40.502	ng	100
74) Fluoranthene	19.48	202	1003590	42.963	ng	99
76) Benzidine	19.66	184	505469	40.926	ng	100
77) Pyrene	19.85	202	987992	41.503	ng	99
79) Butylbenzylphthalate	20.74	149	391526	41.327	ng	95
80) Benzo(a)anthracene	21.69	228	992877	42.336	ng	99
81) 3,3'-Dichlorobenzidine	21.60	252	212961	22.785	ng	100
82) Chrysene	21.76	228	910854	40.975	ng	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	546717	41.239	ng	100
84) Di-n-octyl phthalate	22.84	149	938828	42.397	ng	98
85) Indeno(1,2,3-cd)pyrene	28.59	276	1140111	44.157	ng	98
87) Benzo(b)fluoranthene	23.91	252	1004098	44.381	ng	98
88) Benzo(k)fluoranthene	23.98	252	939582	42.509	ng	100
89) Benzo(a)pyrene	24.78	252	969508	44.594	ng	100
90) Dibenzo(a,h)anthracene	28.67	278	923952	44.022	ng	99
91) Benzo(g,h,i)perylene	29.74	276	934201	44.293	ng	96

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

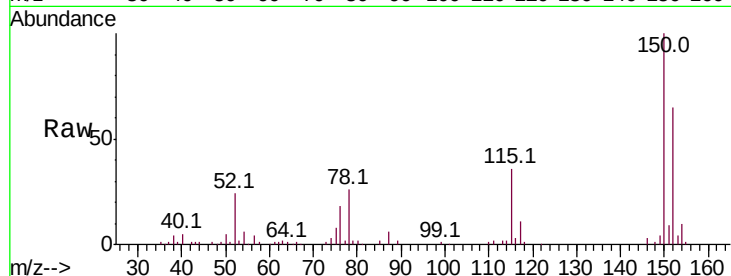


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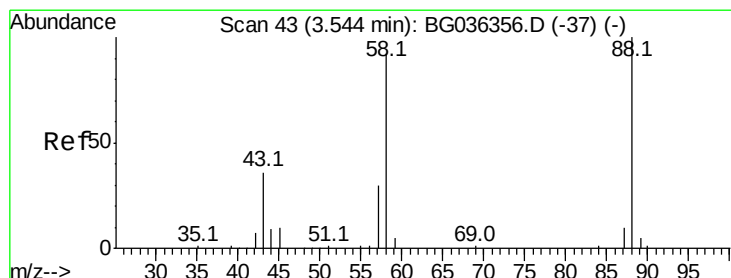
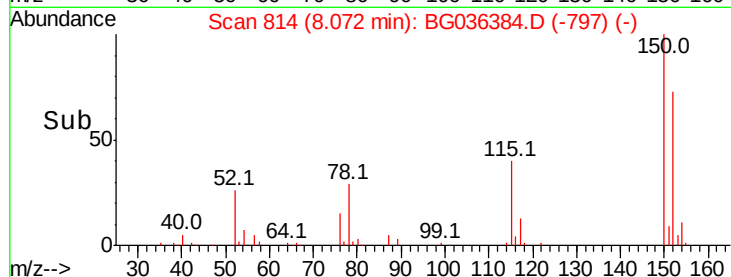
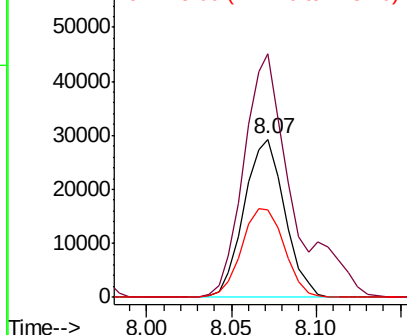
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48861
Ion Ratio Lower Upper
152 100
150 154.1 119.5 179.3
115 55.5 44.5 66.7



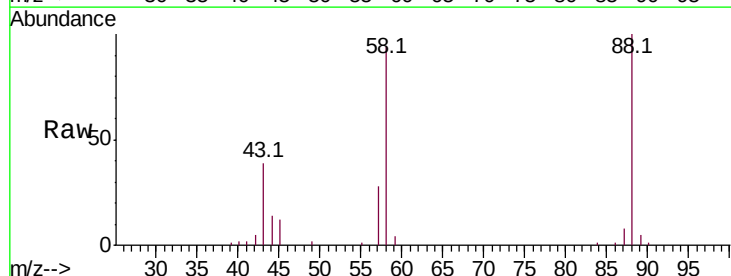
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



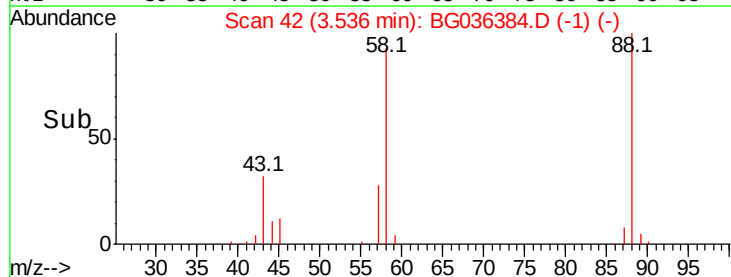
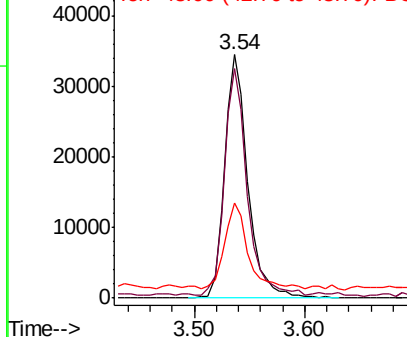
#2

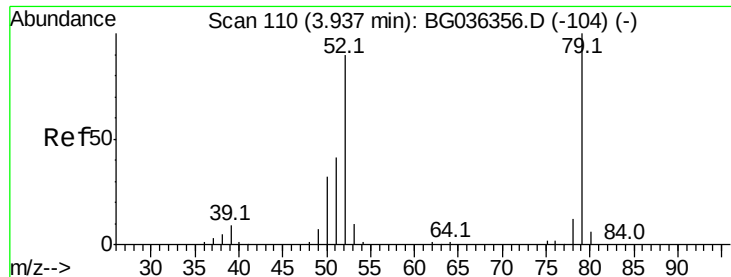
1,4-Dioxane
Concen: 35.130 ng
RT: 3.54 min Scan# 42
Delta R.T. -0.01 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Tgt Ion: 88 Resp: 50499
Ion Ratio Lower Upper
88 100
58 91.4 72.6 109.0
43 34.7 29.0 43.4



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





#3

Pvridine

Concen: 36.257 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampleId :

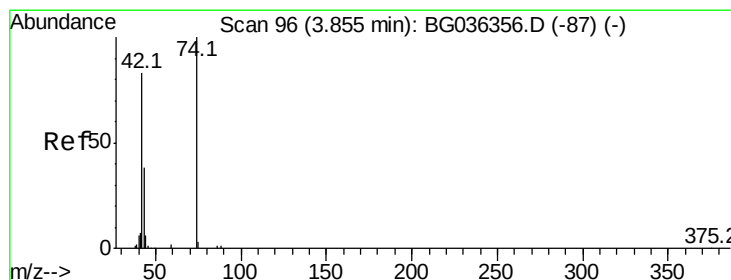
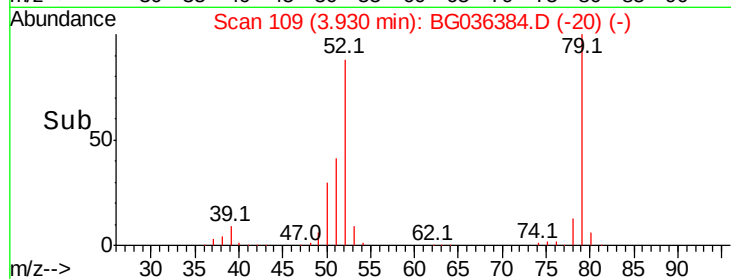
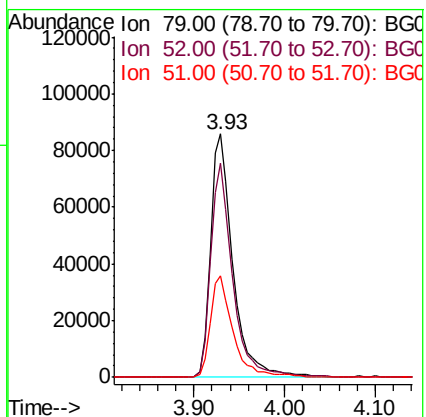
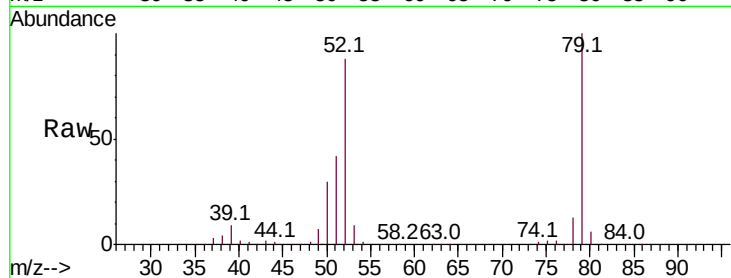
Tot Ion: 79 Resp: 146296

Ion Ratio Lower Upper

79 100

52 88.0 72.3 108.5

51 41.6 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 40.603 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

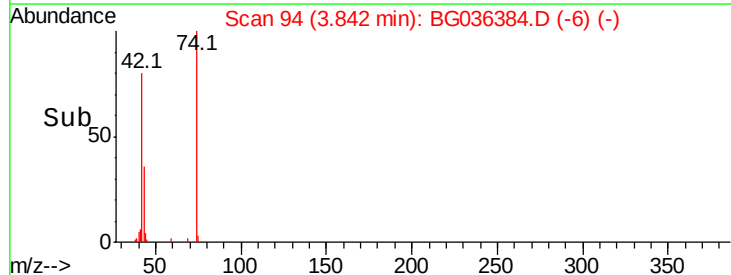
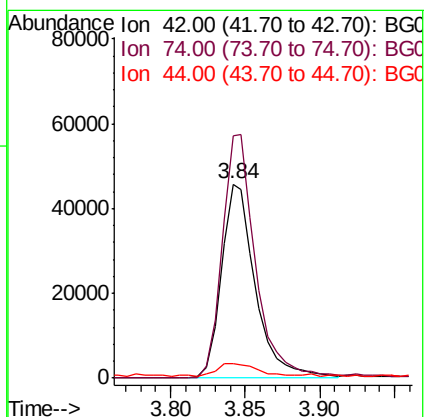
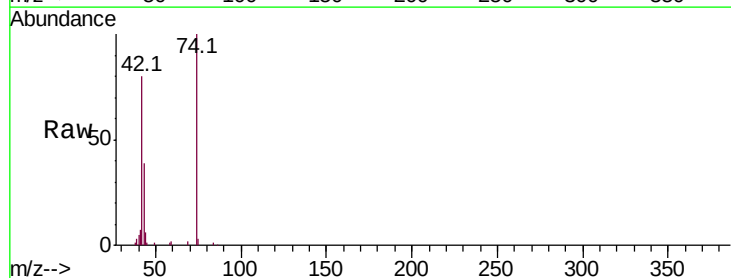
Tgt Ion: 42 Resp: 72971

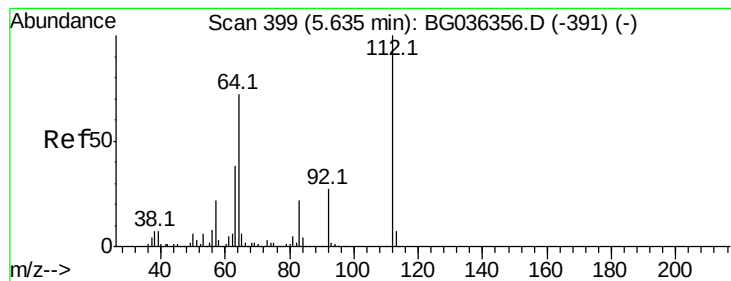
Ion Ratio Lower Upper

42 100

74 125.0 96.6 145.0

44 7.2 7.0 10.4





#5

2-Fluorophenol

Concen: 111.964 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampled :

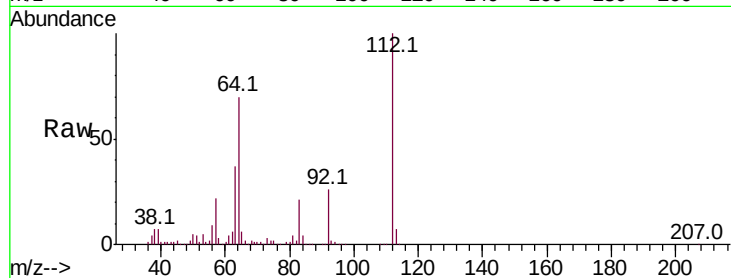
Tot Ion:112 Resp: 344870

Ion Ratio Lower Upper

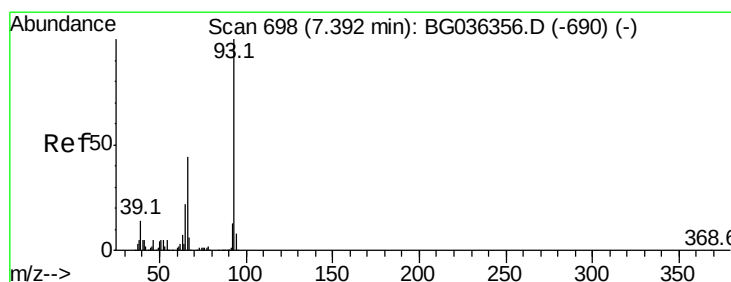
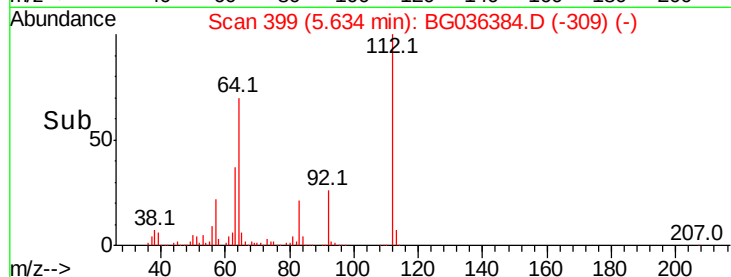
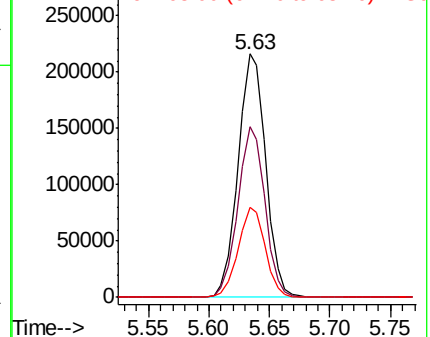
112 100

64 70.2 57.2 85.8

63 37.0 30.8 46.2



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: 32.742 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

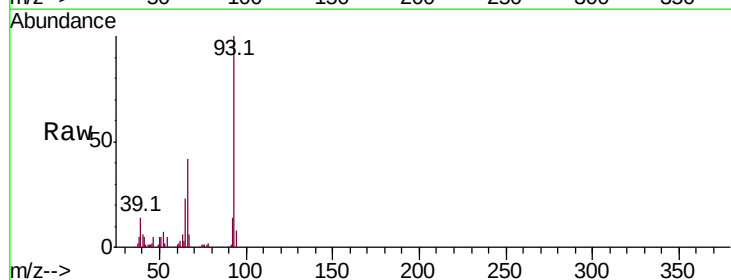
Tgt Ion: 93 Resp: 183284

Ion Ratio Lower Upper

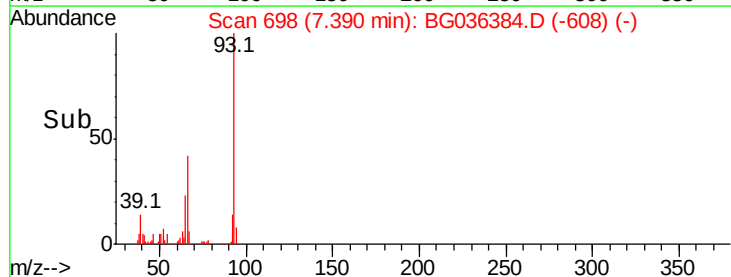
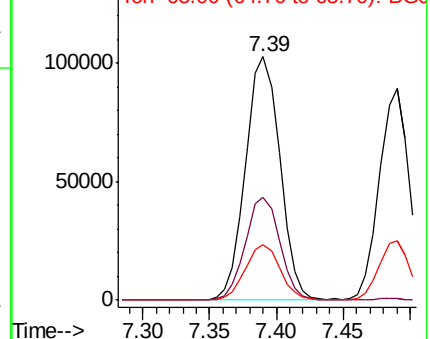
93 100

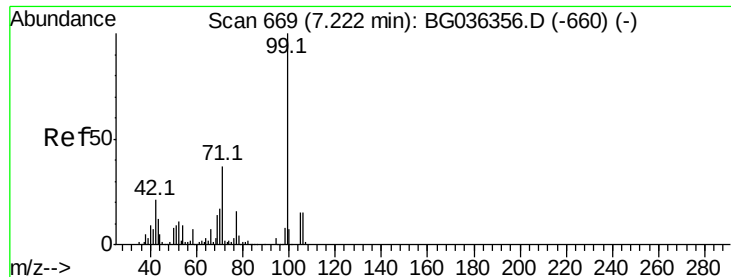
66 42.1 35.0 52.4

65 22.6 17.6 26.4



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: 106.456 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampleId :

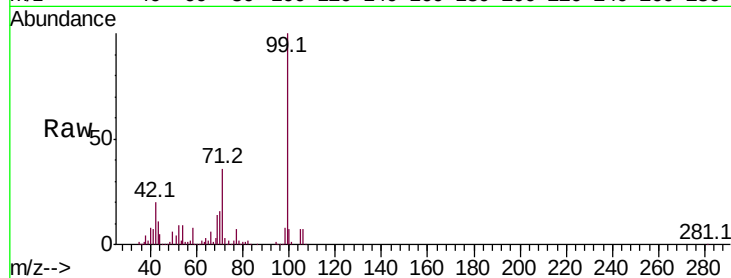
Tot Ion: 99 Resp: 469480

Ion Ratio Lower Upper

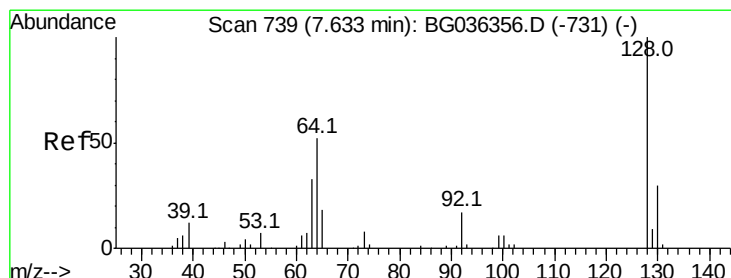
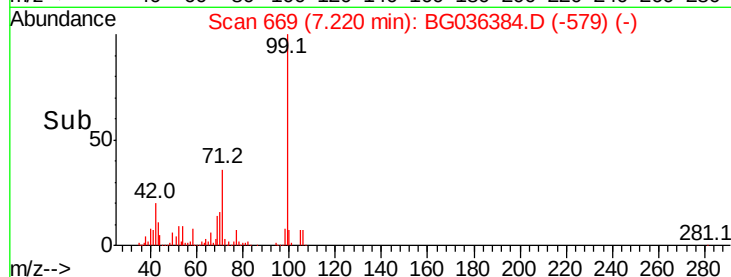
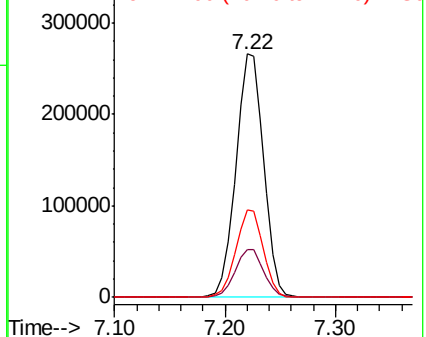
99 100

42 19.7 16.5 24.7

71 35.7 29.4 44.2



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



#8

2-Chlorophenol

Concen: 43.823 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

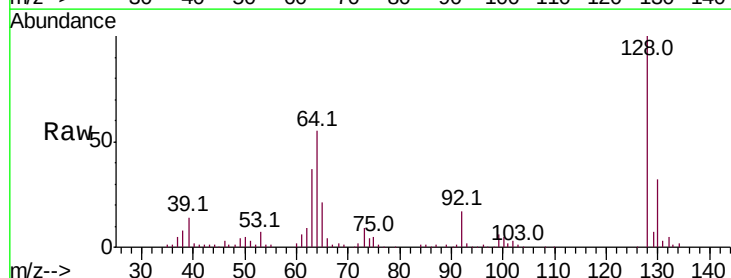
Tgt Ion: 128 Resp: 146383

Ion Ratio Lower Upper

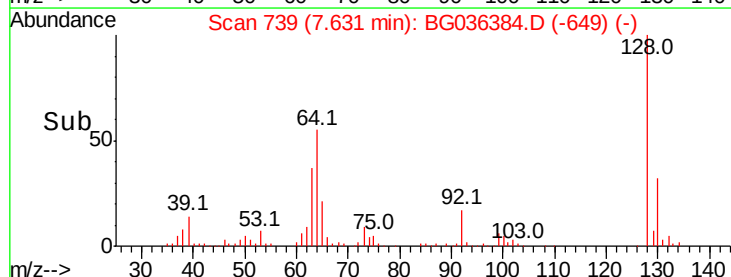
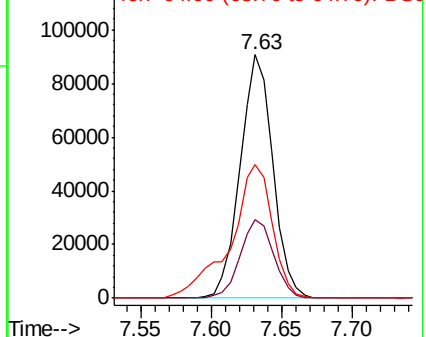
128 100

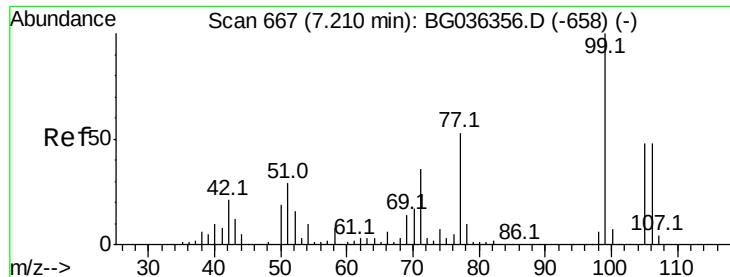
130 32.5 10.0 50.0

64 54.8 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 32.446 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampled :

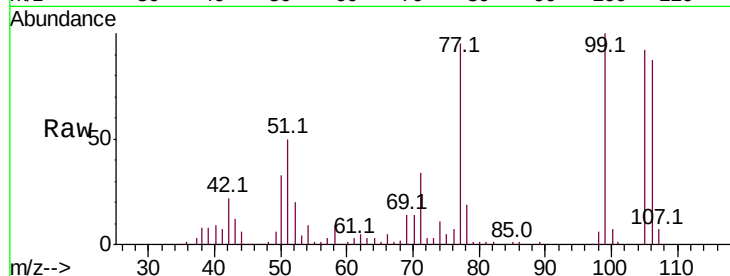
Tot Ion: 77 Resp: 98535

Ion Ratio Lower Upper

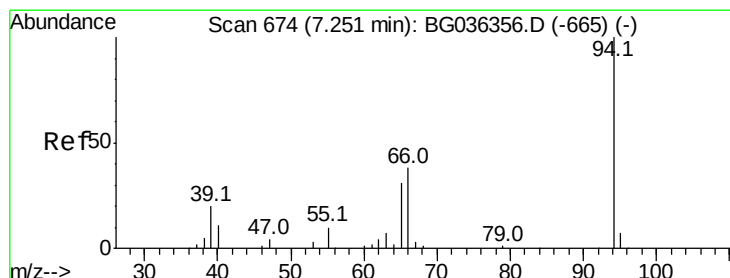
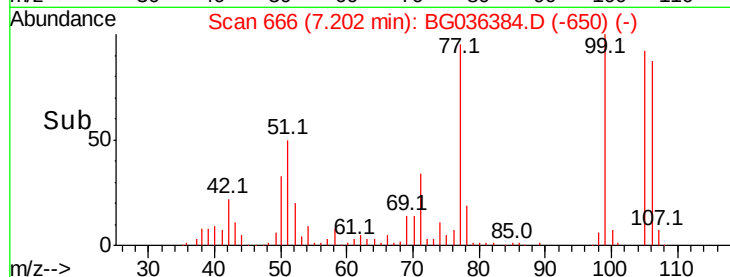
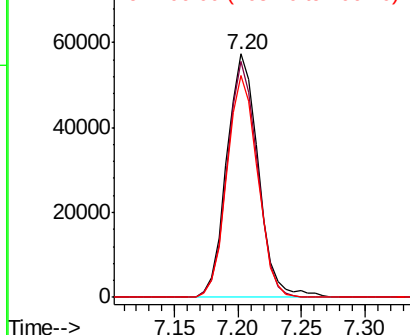
77 100

105 96.8 70.5 110.5

106 91.3 69.8 109.8



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: 44.541 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

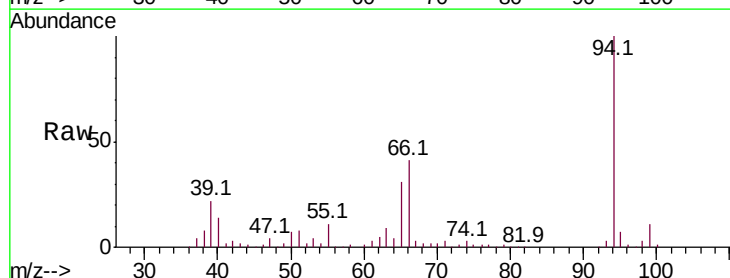
Tgt Ion: 94 Resp: 205561

Ion Ratio Lower Upper

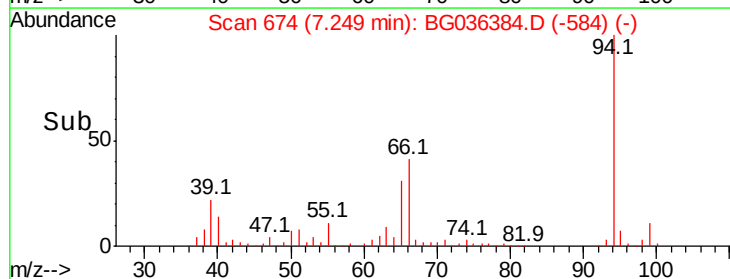
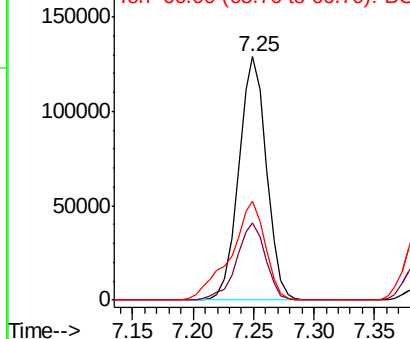
94 100

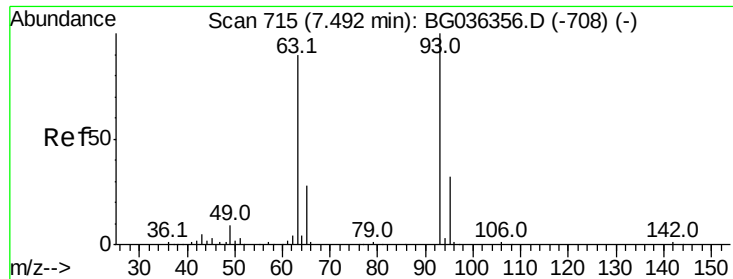
65 31.5 11.5 51.5

66 40.9 19.5 59.5



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





#11

bis(2-Chloroethyl)ether

Concen: 38.139 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampleId :

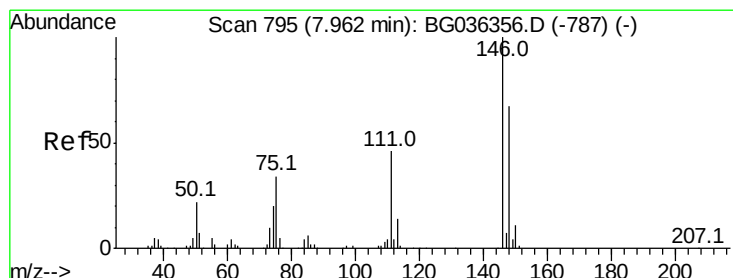
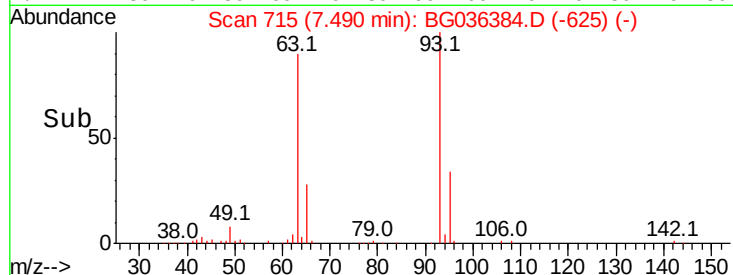
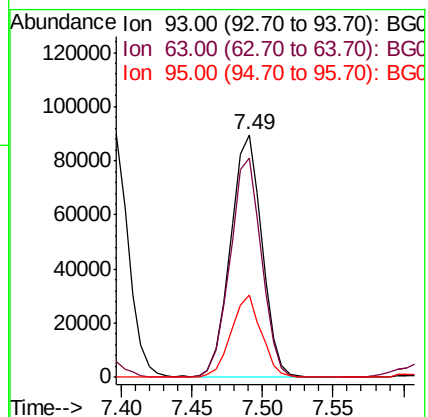
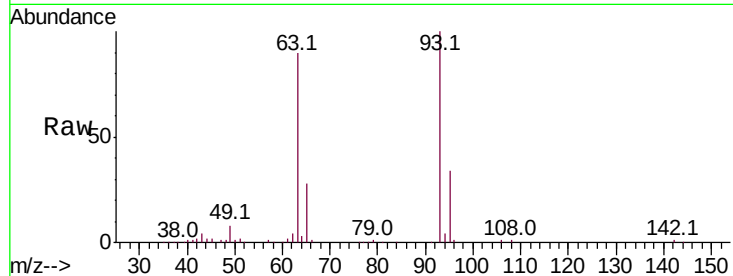
Tot Ion: 93 Resp: 139544

Ion Ratio Lower Upper

93 100

63 90.4 69.9 109.9

95 33.9 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 38.748 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

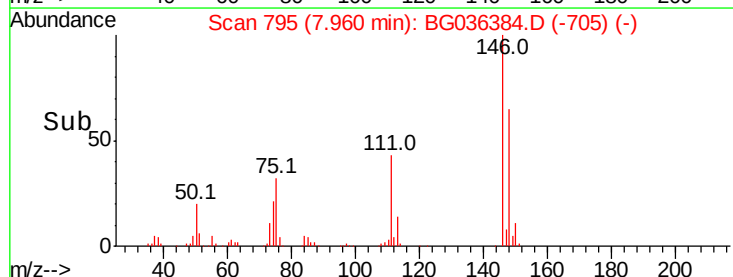
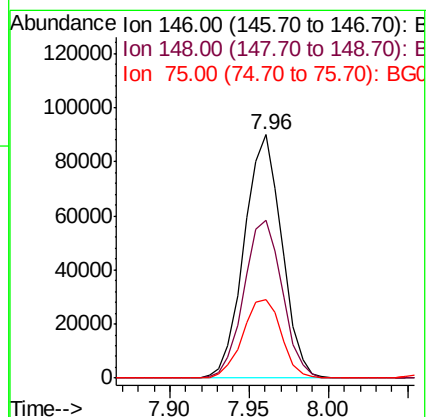
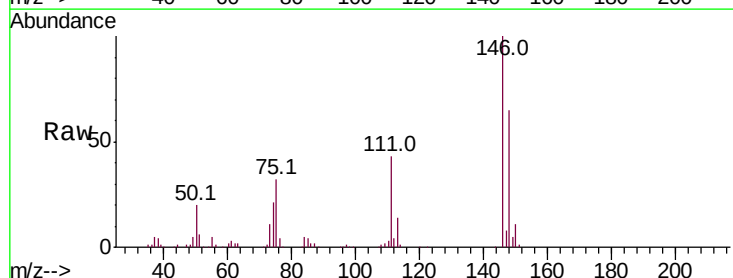
Tgt Ion: 146 Resp: 147791

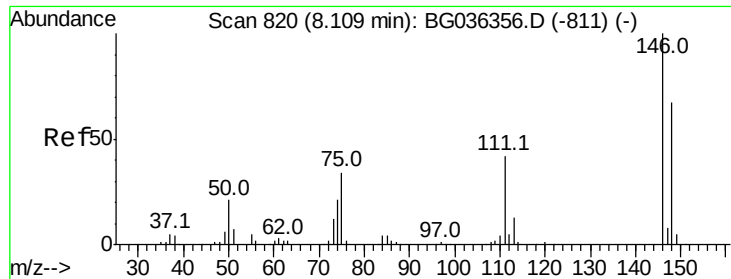
Ion Ratio Lower Upper

146 100

148 64.8 53.8 80.6

75 32.0 27.2 40.8

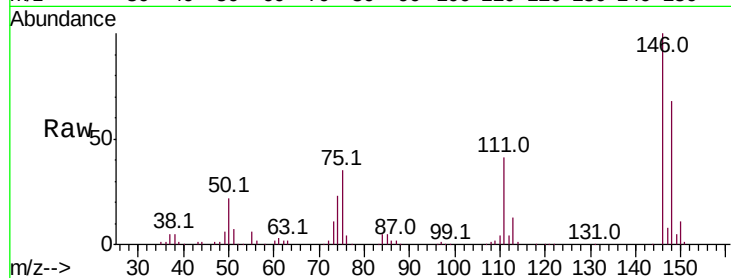




#13
 1,4-Dichlorobenzene
 Concen: 38.661 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.5	53.9	80.9
111	41.2	33.8	50.6

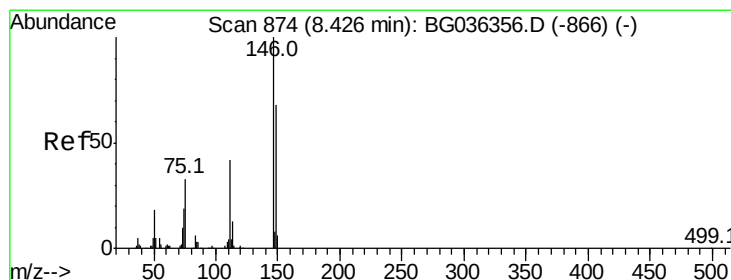
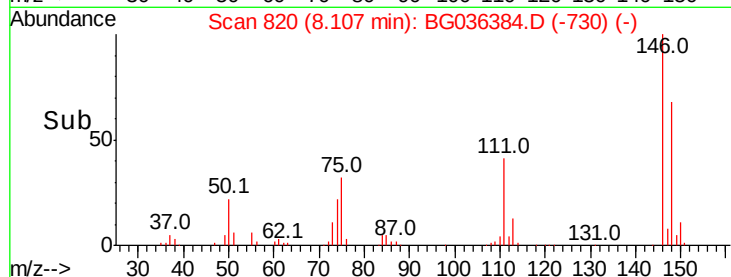
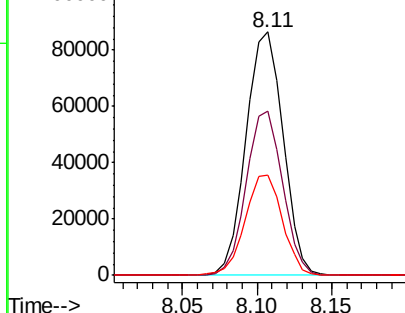


Abundance

Ion 146.00 (145.70 to 146.70): E

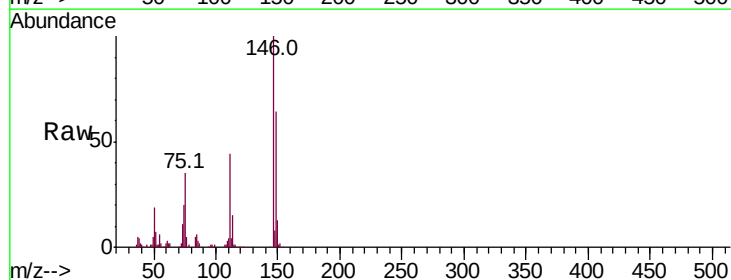
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.542 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	55.0	82.6
111	44.0	34.6	51.8

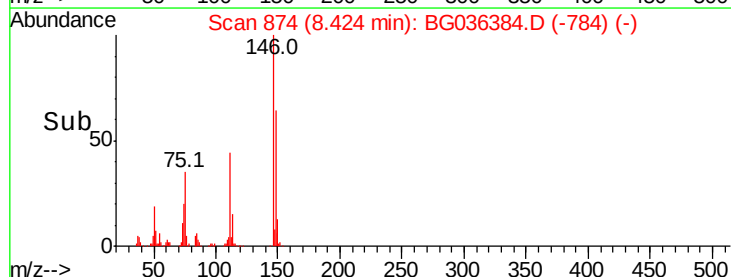
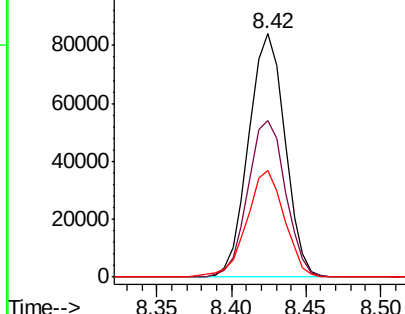


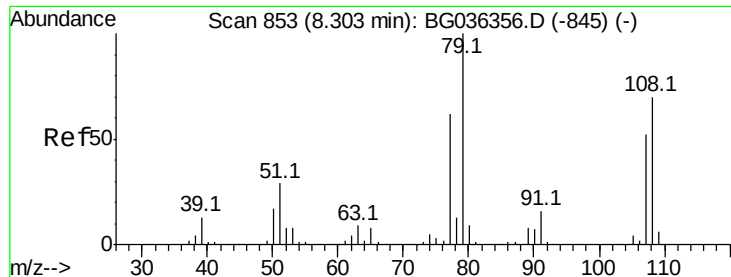
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.797 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampled :

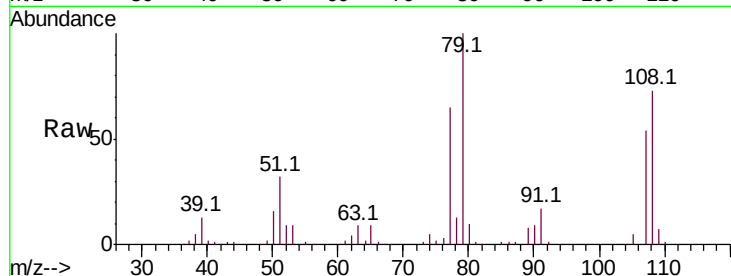
Tot Ion: 79 Resp: 148595

Ion Ratio Lower Upper

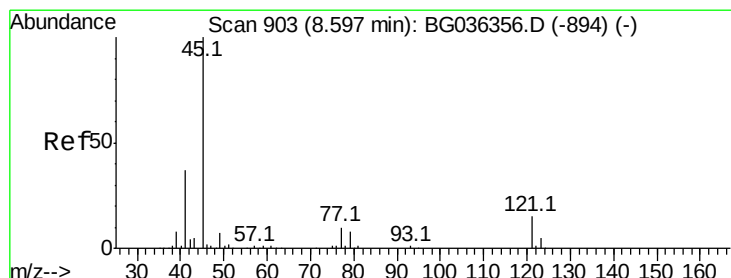
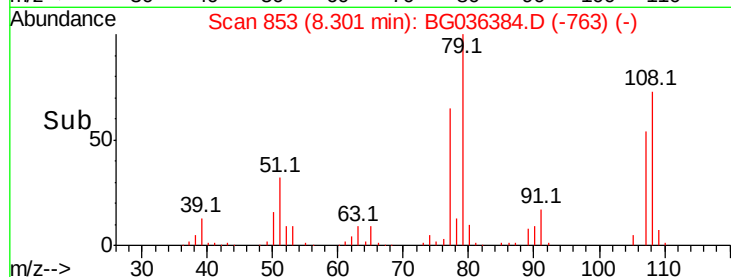
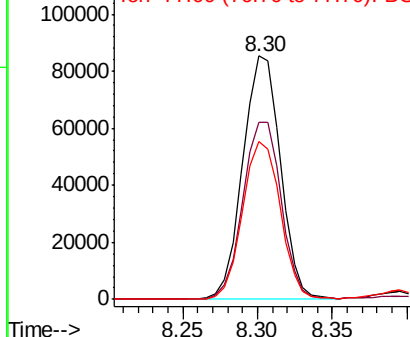
79 100

108 72.8 55.9 83.9

77 65.0 50.0 75.0



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: 36.469 ng

RT: 8.60 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

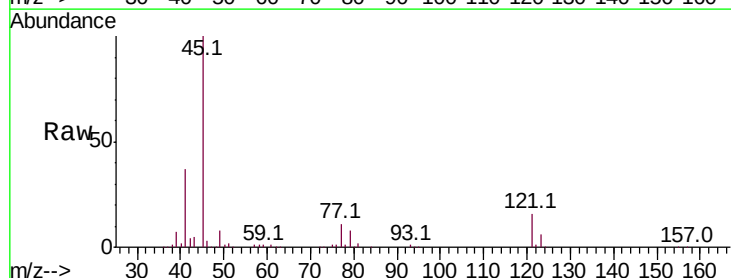
Tgt Ion: 45 Resp: 269094

Ion Ratio Lower Upper

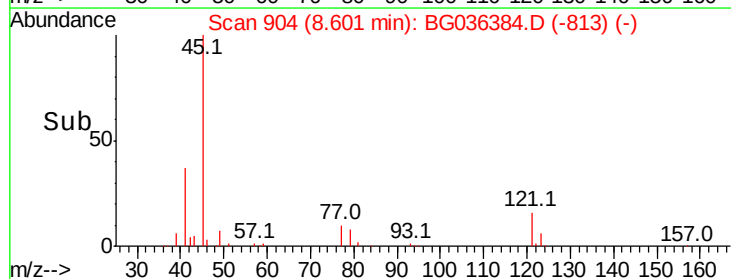
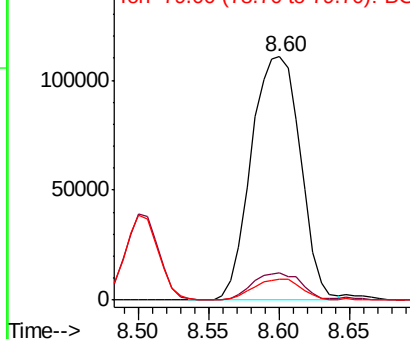
45 100

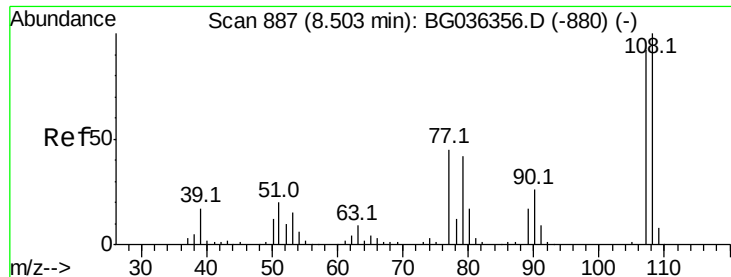
77 11.0 0.0 30.5

79 8.3 0.0 27.9



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

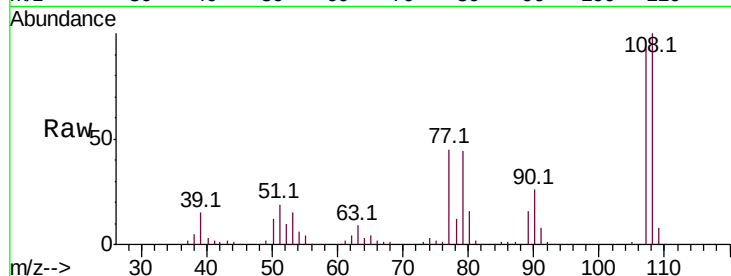




#17
2-Methylphenol
Concen: 44.651 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.8	86.7	130.1
77	48.1	39.0	58.4
79	47.1	36.6	54.8



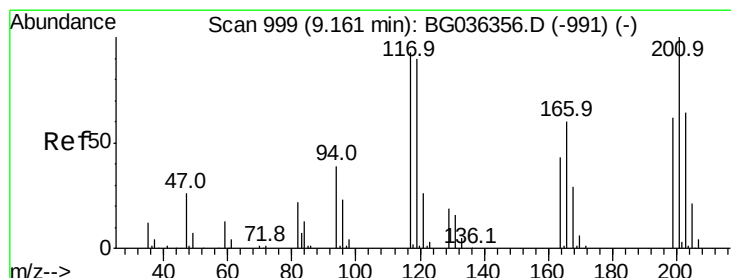
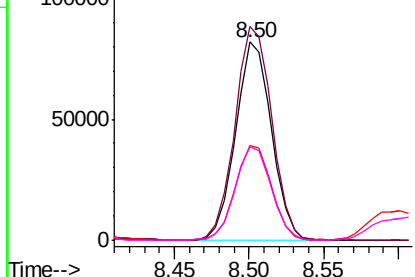
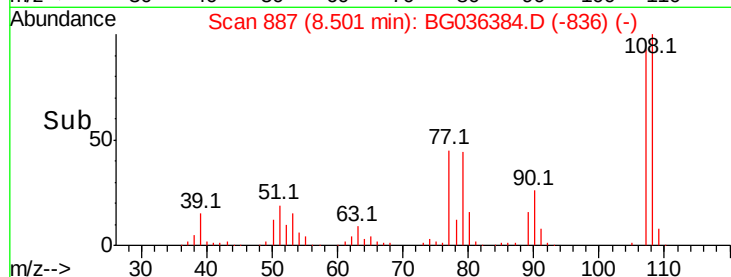
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

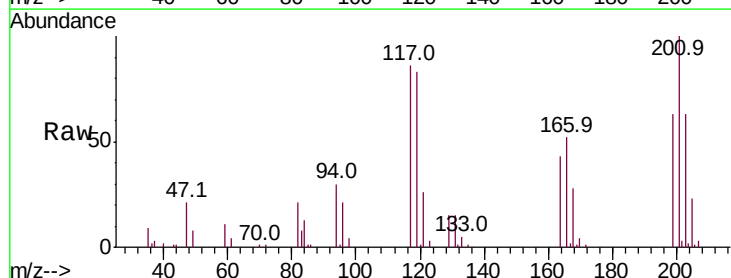
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.035 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.8	115.2
201	115.8	85.7	128.5

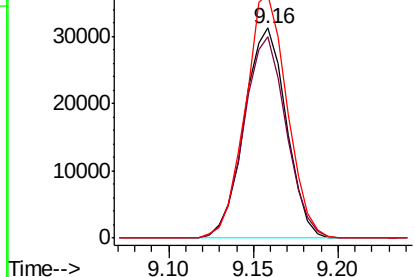
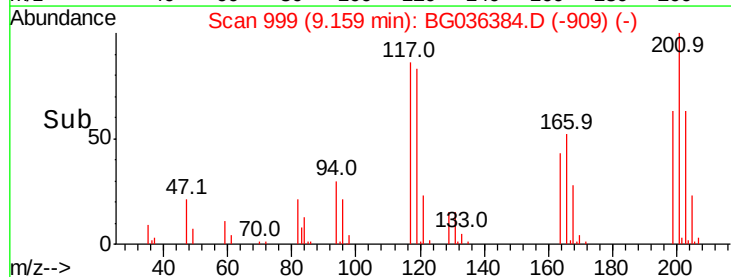


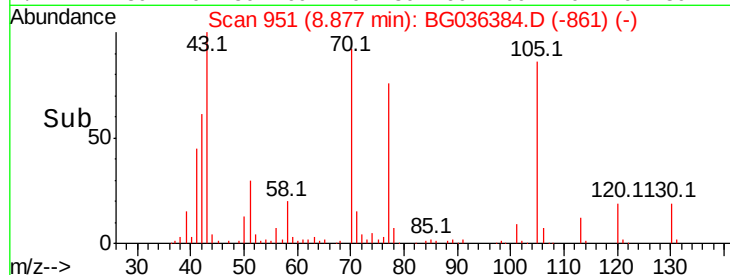
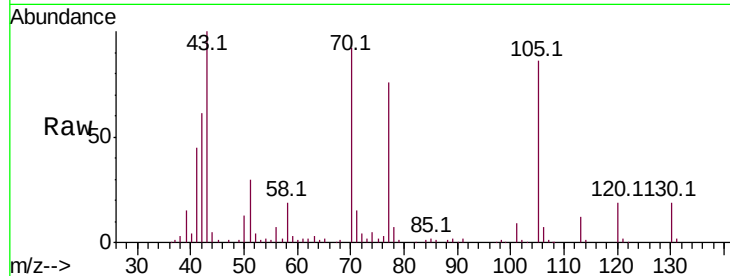
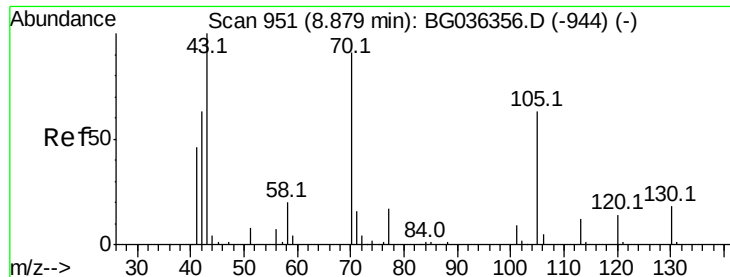
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

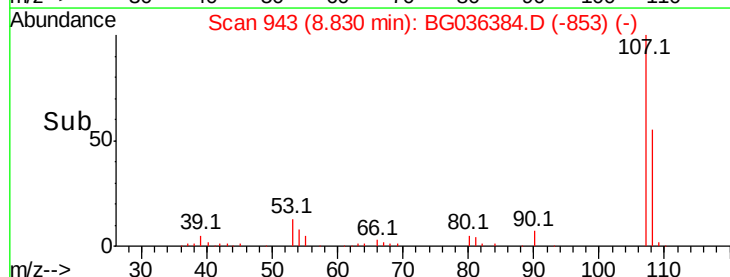
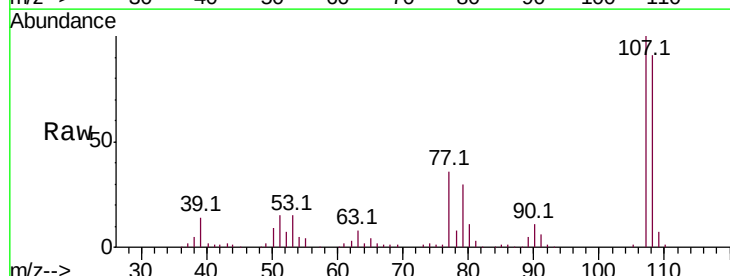
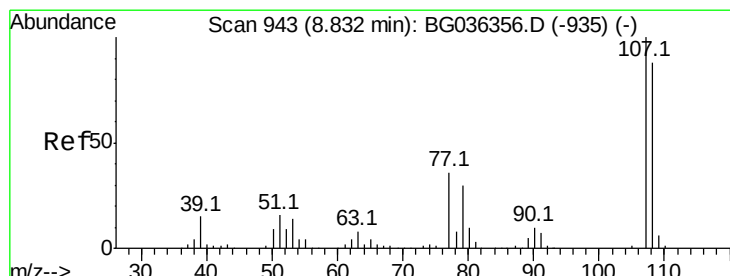
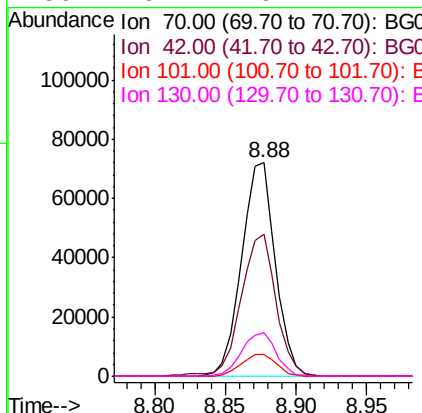




#19
n-Nitroso-di-n-propylamine
Concen: 36.565 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

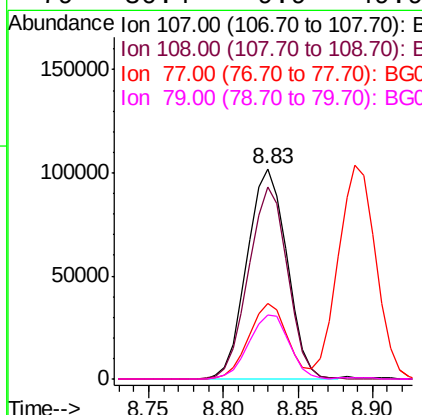
Instrument :
BNA_G
ClientSampleId :

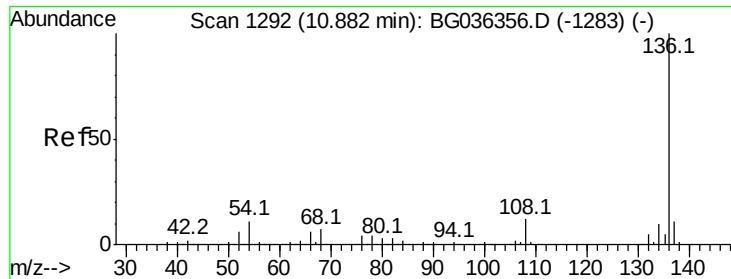
Tot Ion:	70	Resp:	120517
Ion	Ratio	Lower	Upper
70	100		
42	66.4	56.2	84.4
101	10.0	7.8	11.6
130	20.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 44.067 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Tgt Ion:	107	Resp:	188536
Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.0	108.0
77	36.1	15.6	55.6
79	30.4	9.9	49.9

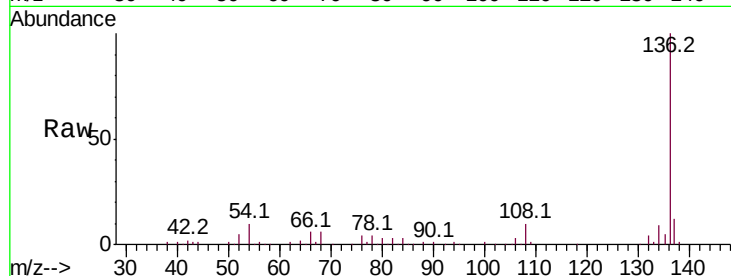




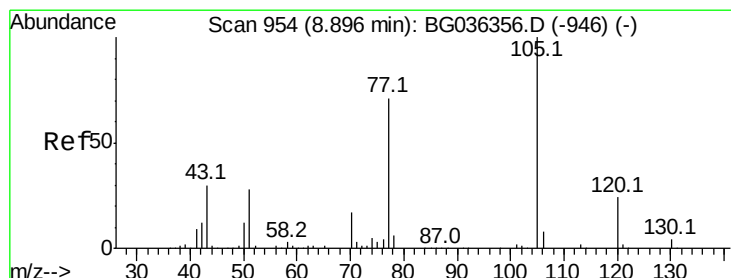
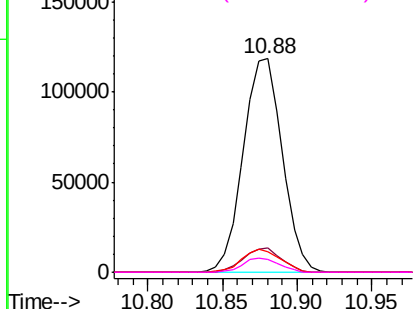
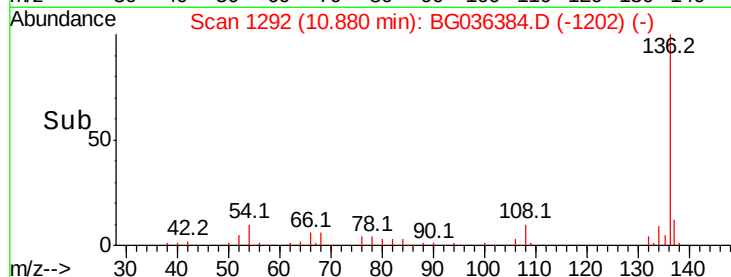
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	213897
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.8 13.2
54	9.6	9.2 13.8
68	6.2	5.8 8.6

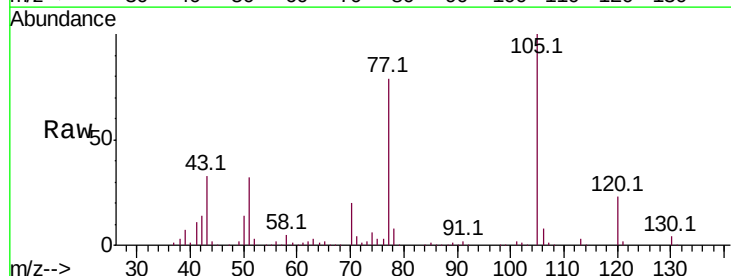


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

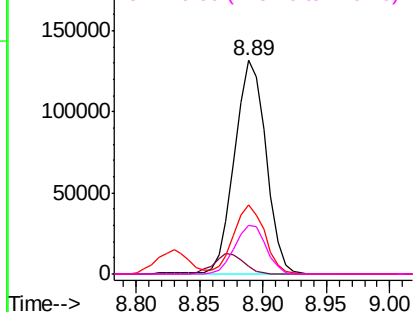
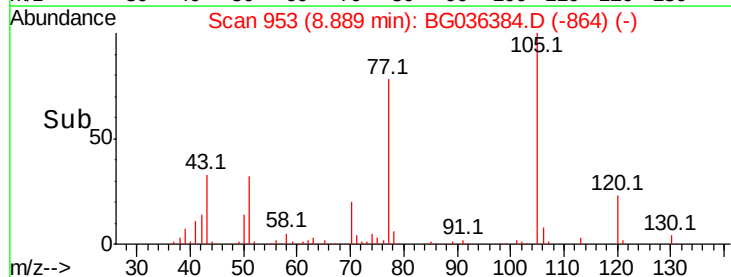


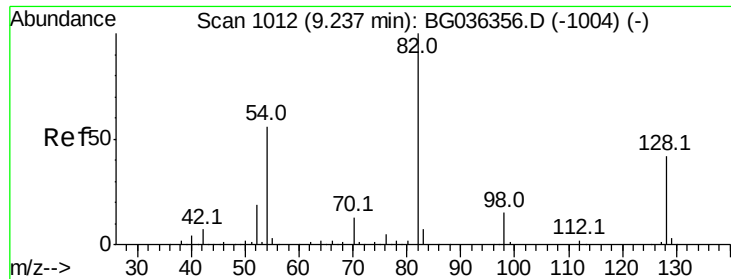
#22
Acetophenone
Concen: 40.251 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Tgt Ion:105	Resp:	226083
Ion	Ratio	Lower Upper
105	100	
71	3.8	2.4 3.6#
51	32.3	25.9 38.9
120	22.9	19.4 29.0



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

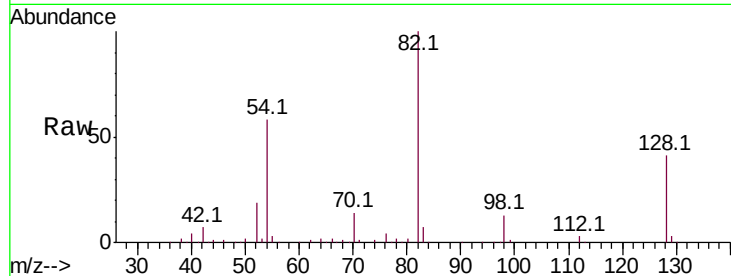




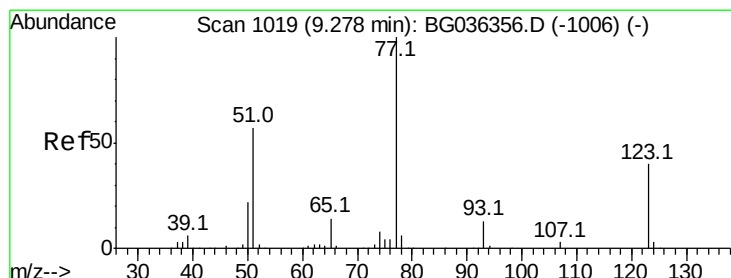
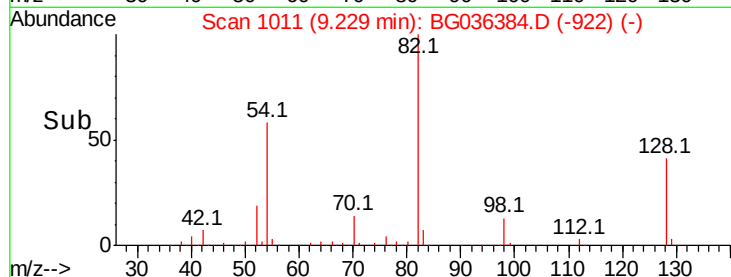
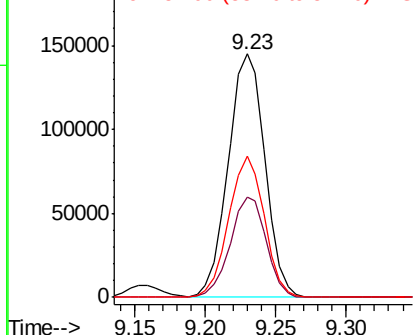
#23
 Nitrobenzene-d5
 Concen: 66.626 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	262660
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.3	49.9
54	58.1	45.1	67.7

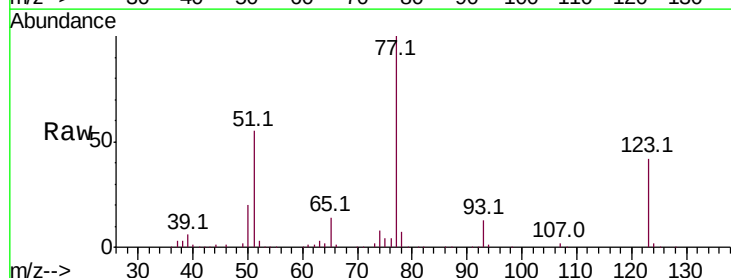


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

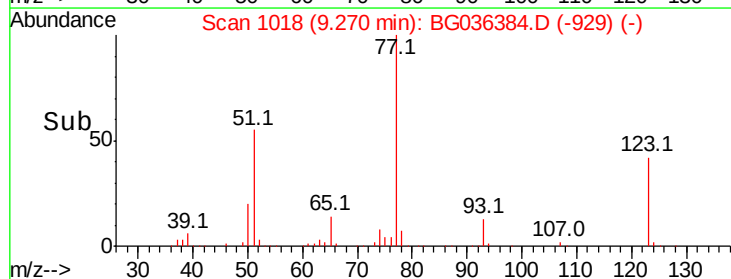
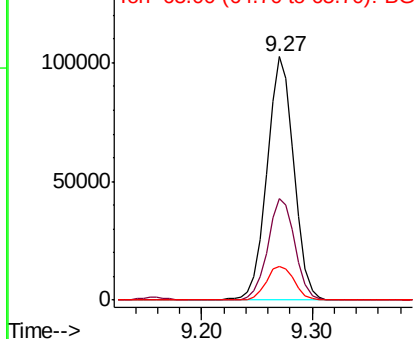


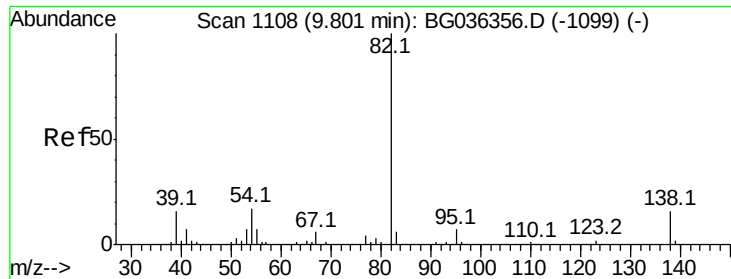
#24
 Nitrobenzene
 Concen: 40.969 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Tgt Ion	77	Resp	174164
Ion	Ratio	Lower	Upper
77	100		
123	41.6	32.4	48.6
65	13.6	11.5	17.3



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: 43.550 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampled :

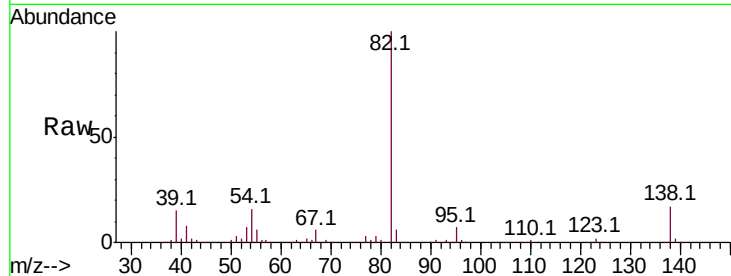
Tot Ion: 82 Resp: 341063

Ion Ratio Lower Upper

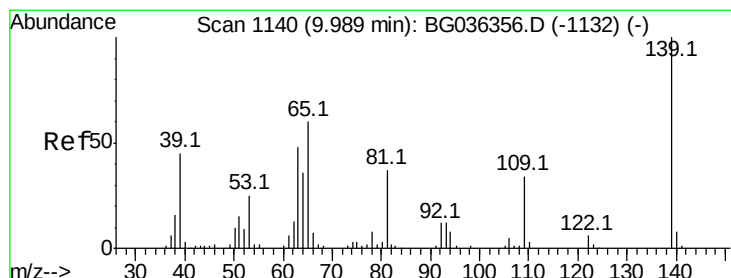
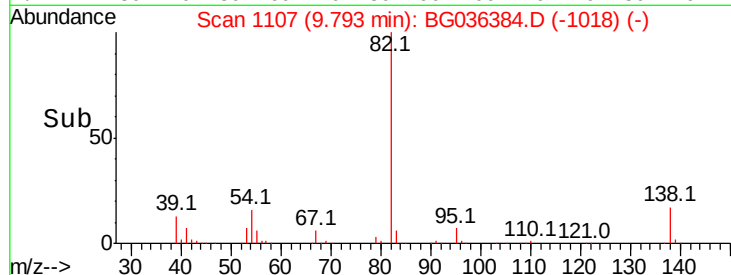
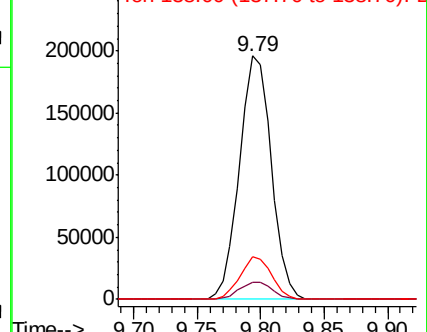
82 100

95 6.9 5.8 8.8

138 17.3 12.9 19.3



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: 41.024 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

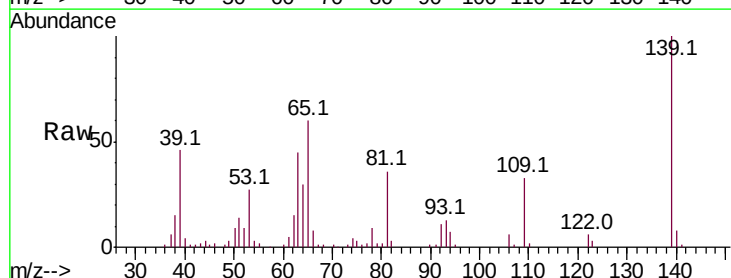
Tgt Ion:139 Resp: 69108

Ion Ratio Lower Upper

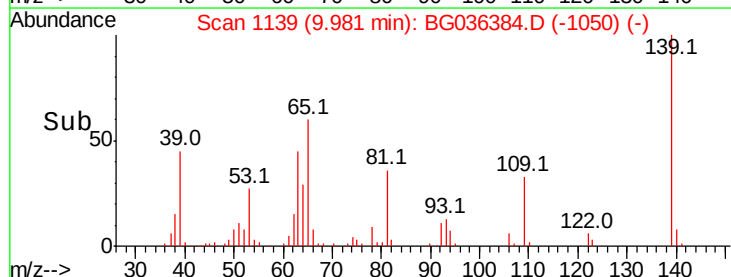
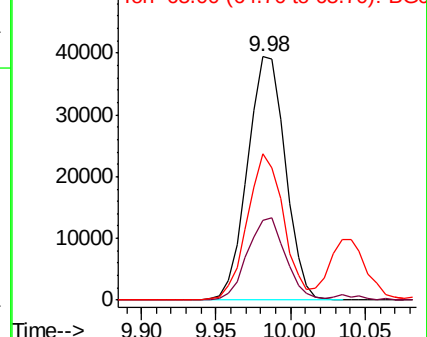
139 100

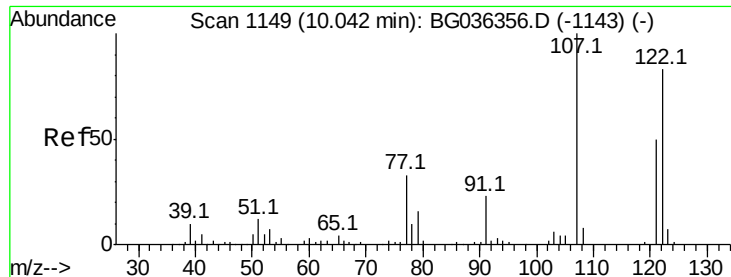
109 33.0 27.4 41.0

65 60.1 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

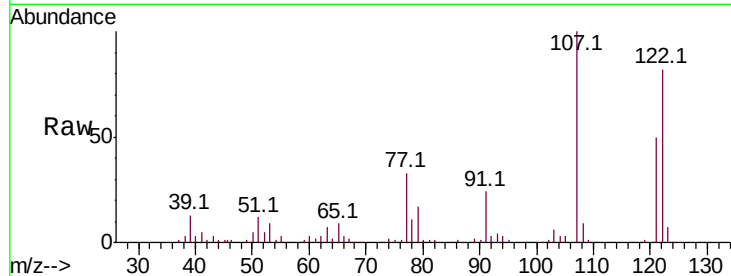




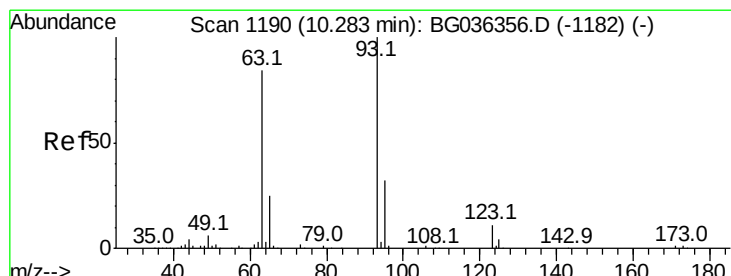
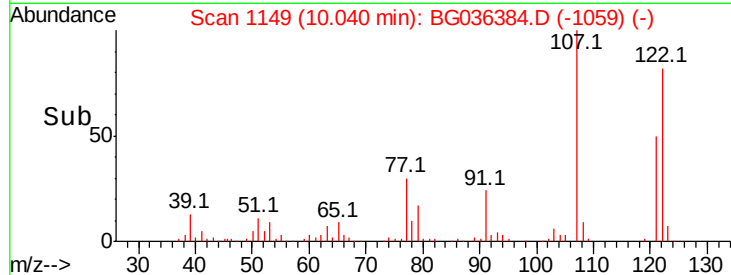
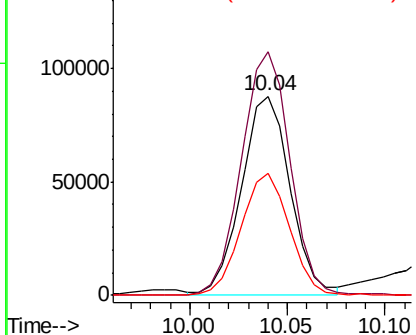
#27
 2,4-Dimethylphenol
 Concen: 48.334 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	122	Resp:	150743
Ion	Ratio	Lower	Upper
122	100		
107	122.1	96.0	144.0
121	61.5	48.2	72.4

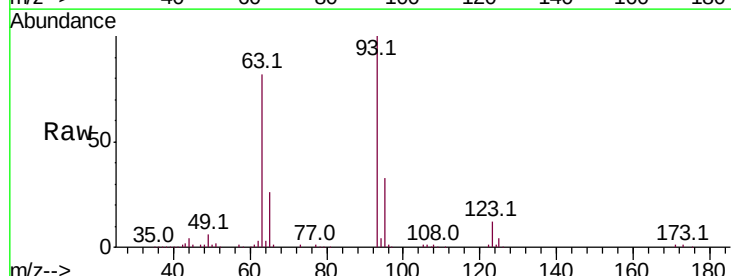


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

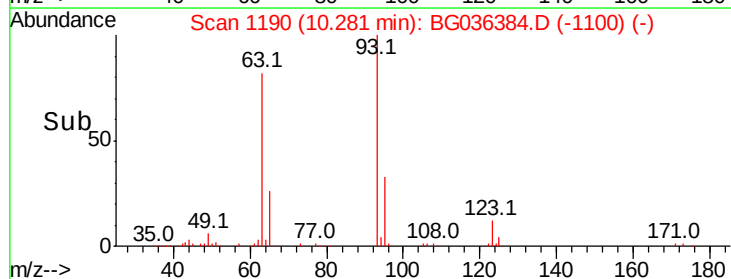
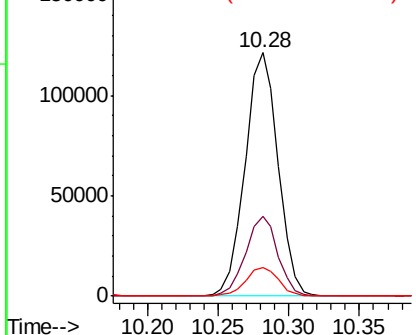


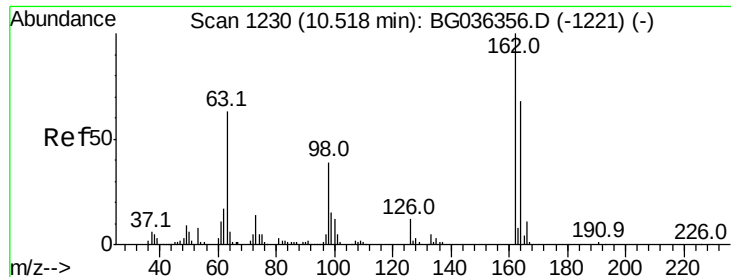
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.265 ng
 RT: 10.28 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Tgt Ion:	93	Resp:	198339
Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.2	37.8
123	11.6	8.6	12.8



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

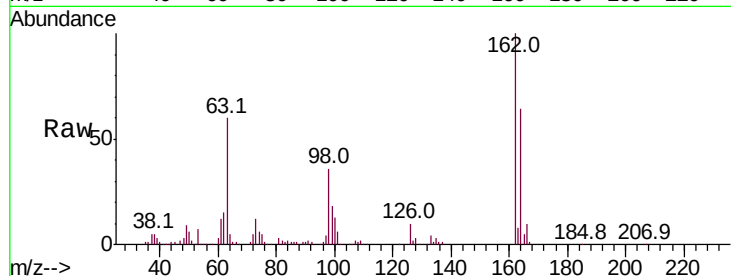




#29
 2,4-Dichlorophenol
 Concen: 45.386 ng
 RT: 10.52 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	47.6	87.6
98	35.9	19.2	59.2

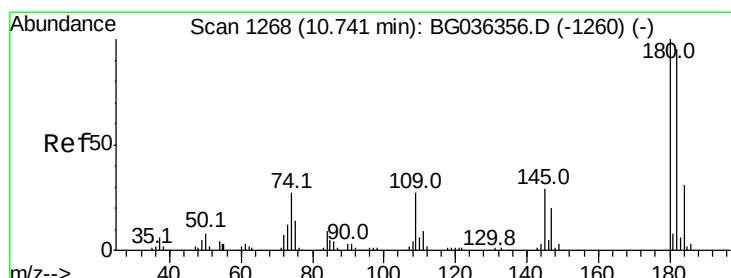
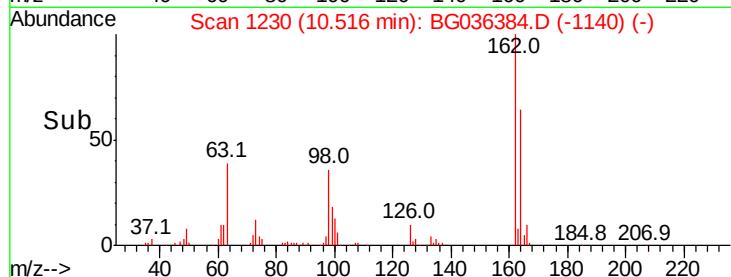
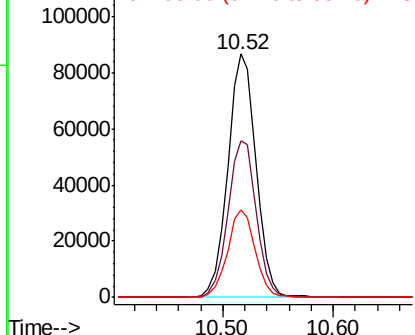


Abundance

Ion 162.00 (161.70 to 162.70): E

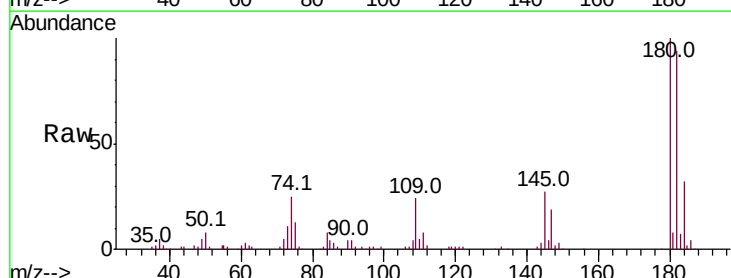
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 38.722 ng
 RT: 10.74 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.0	114.0
145	26.7	22.9	34.3

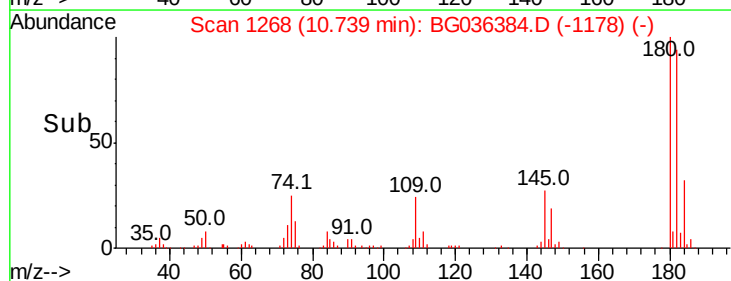
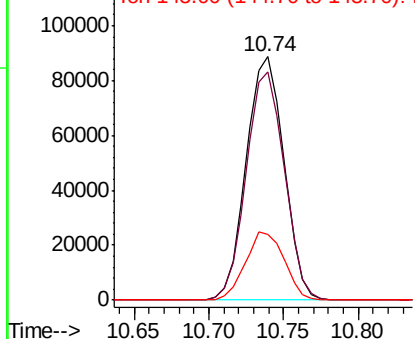


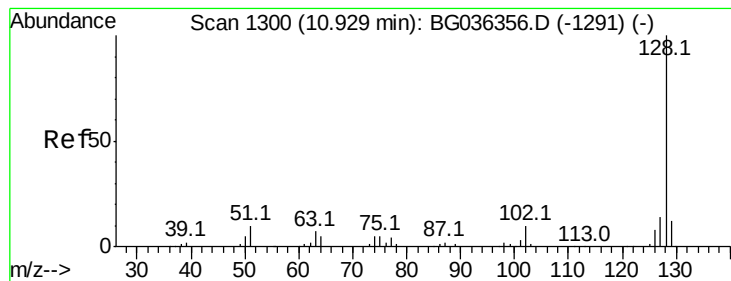
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

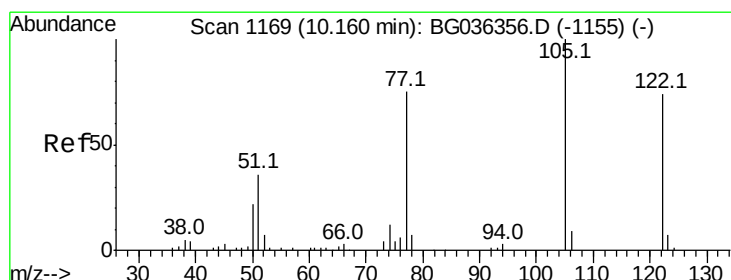
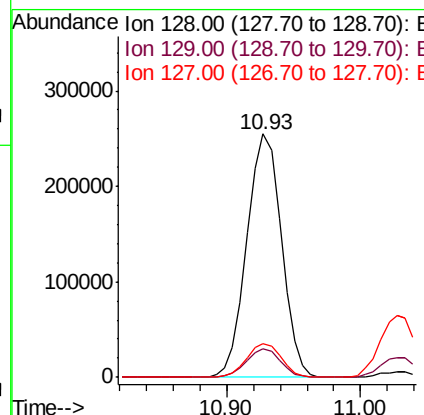
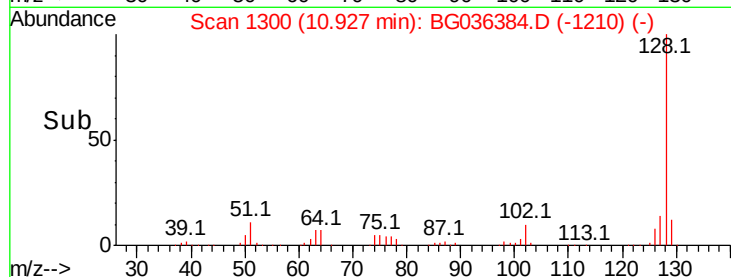
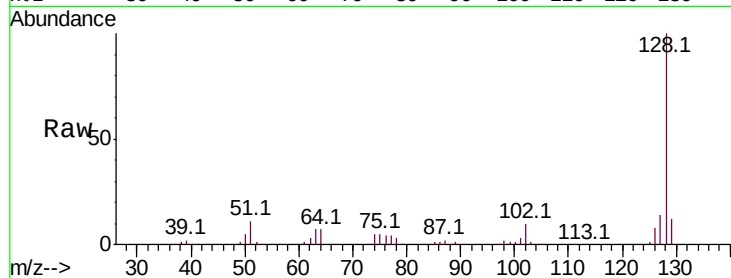




#31
Naphthalene
Concen: 42.721 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

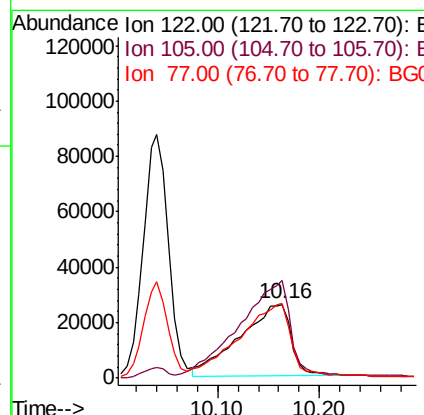
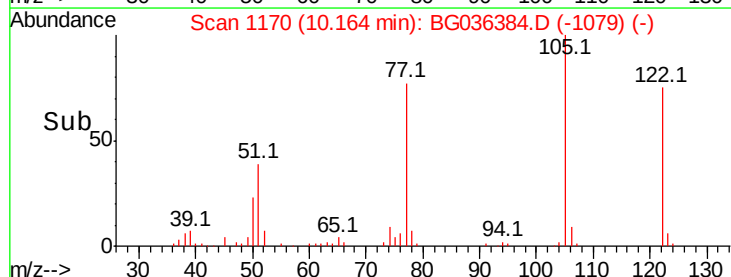
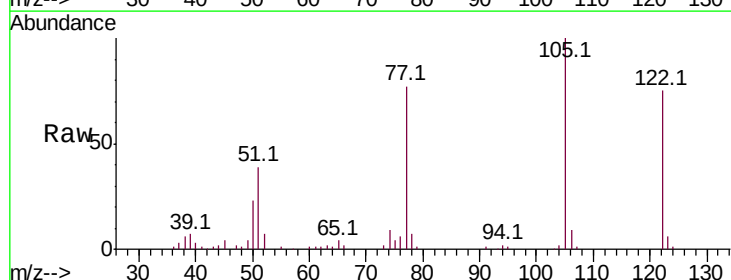
Instrument :
BNA_G
ClientSampleId :

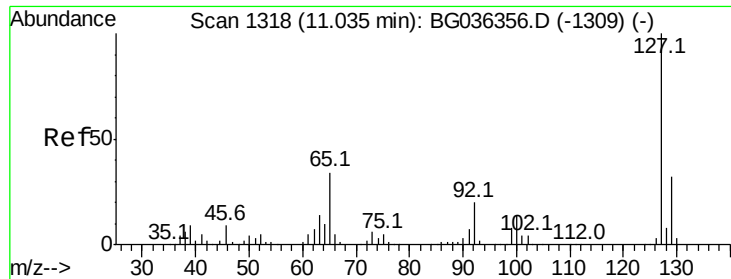
Tot Ion:128 Resp: 456793
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 40.594 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Tgt Ion:122 Resp: 92101
Ion Ratio Lower Upper
122 100
105 132.5 108.1 148.1
77 102.3 76.3 116.3

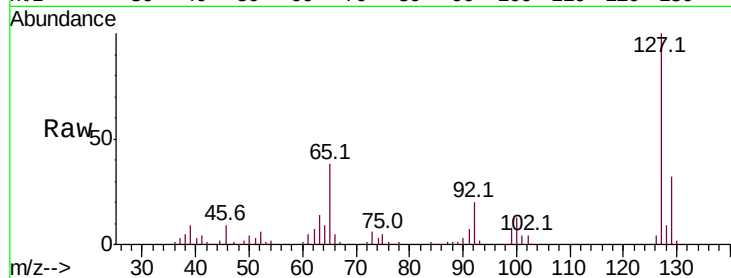




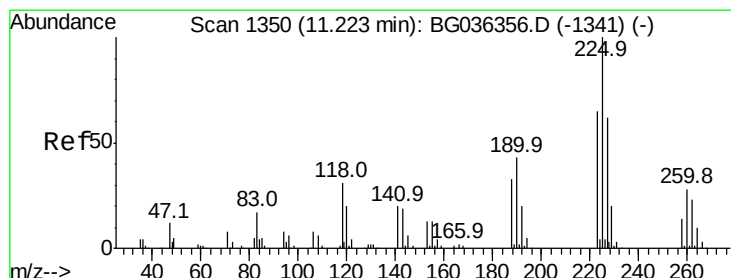
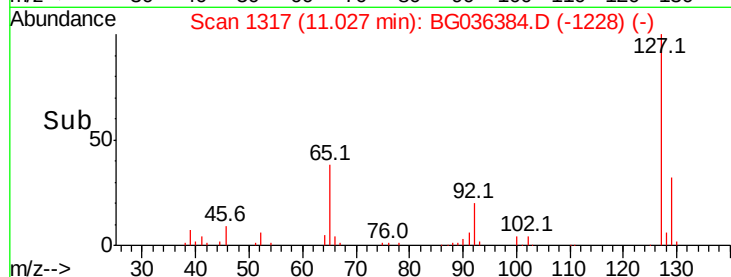
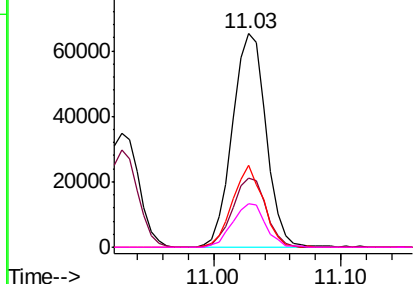
#33
4-Chloroaniline
Concen: 24.441 ng
RT: 11.03 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	119754
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	38.5	27.5	41.3
92	20.5	16.2	24.2

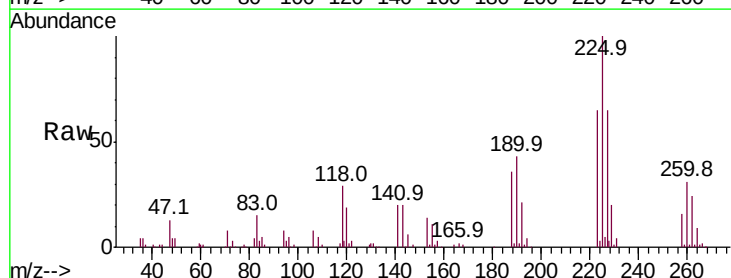


Abundance Ion 127.00 (126.70 to 127.70): E
100000 Ion 129.00 (128.70 to 129.70): E
80000 Ion 65.00 (64.70 to 65.70): BG
60000 Ion 92.00 (91.70 to 92.70): BG
40000
20000
0

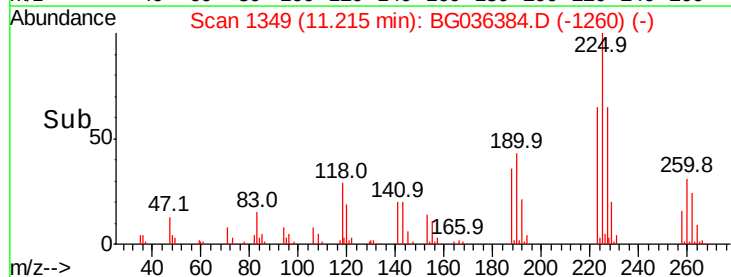
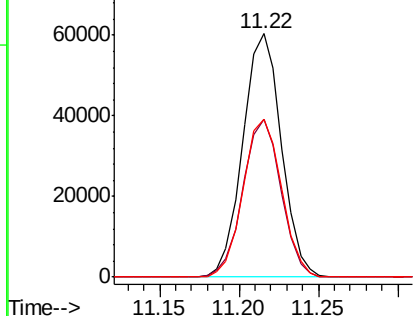


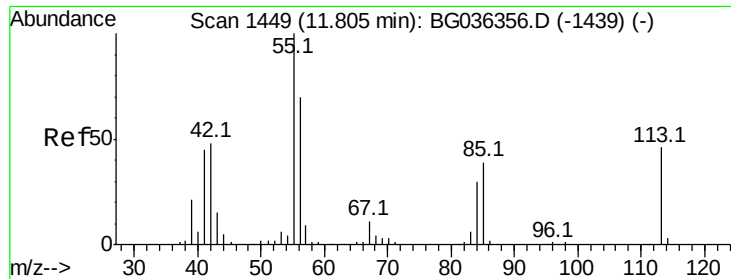
#34
Hexachlorobutadiene
Concen: 37.976 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Tgt Ion:	225	Resp:	102025
Ion	Ratio	Lower	Upper
225	100		
223	65.1	51.8	77.8
227	64.8	49.8	74.6



Abundance Ion 225.00 (224.70 to 225.70): E
80000 Ion 223.00 (222.70 to 223.70): E
60000 Ion 227.00 (226.70 to 227.70): E
40000
20000
0





#35

Caprolactam

Concen: 24.837 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampled :

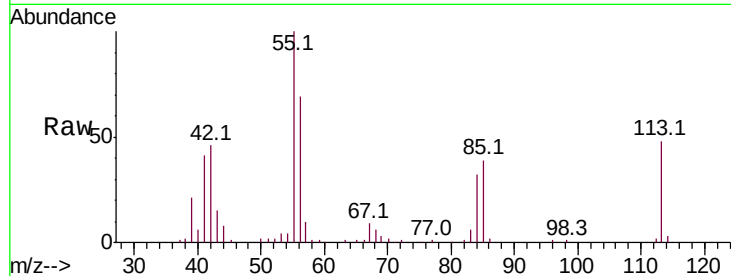
Tot Ion:113 Resp: 33818

Ion Ratio Lower Upper

113 100

55 209.1 197.7 237.7

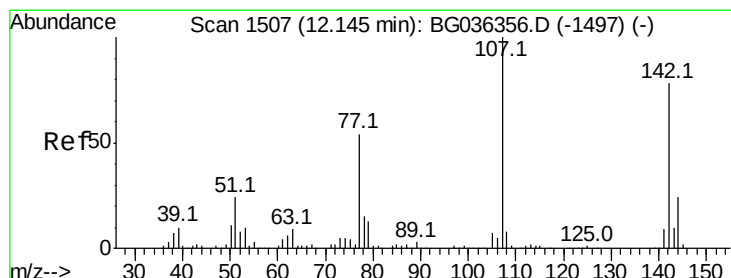
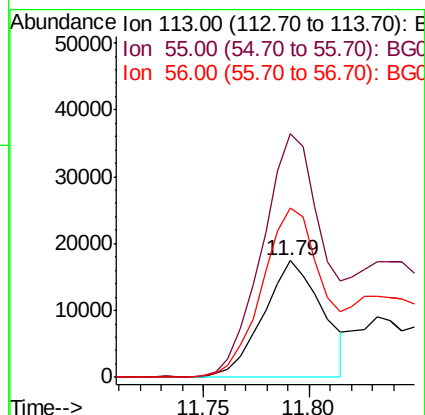
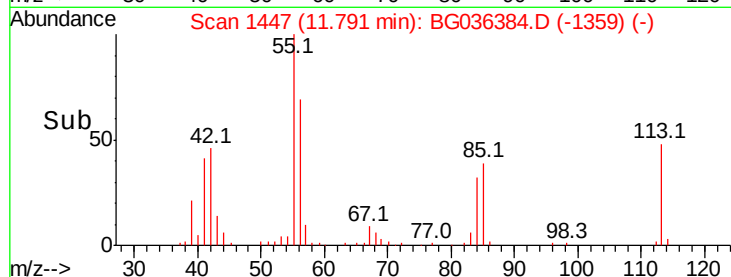
56 145.1 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.532 ng

RT: 12.14 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

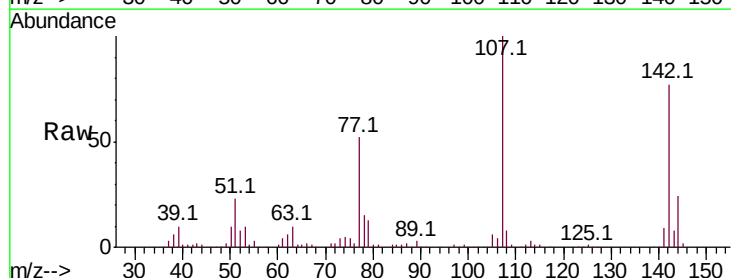
Tgt Ion:107 Resp: 176865

Ion Ratio Lower Upper

107 100

144 24.4 19.5 29.3

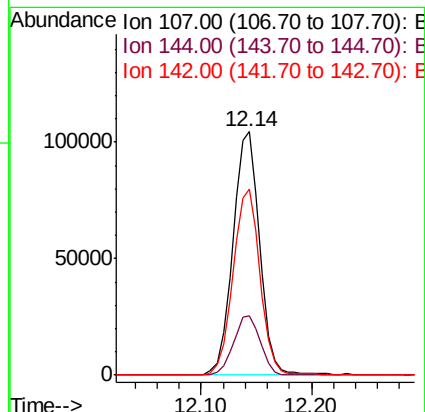
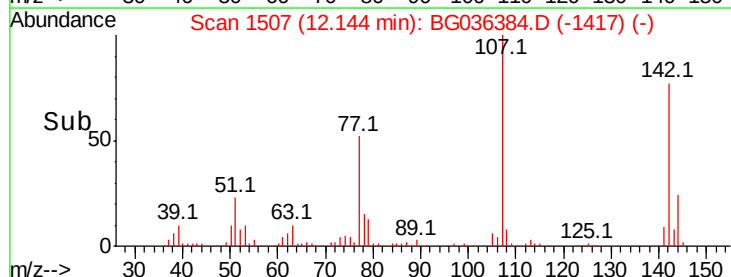
142 76.6 62.4 93.6

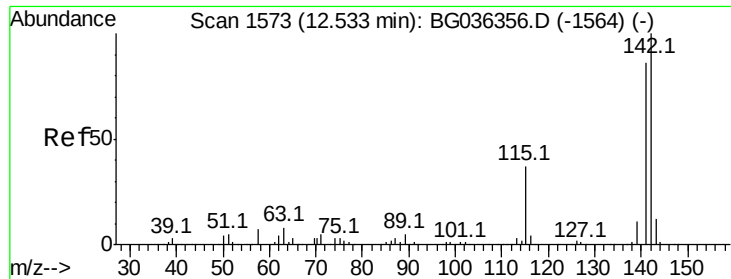


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

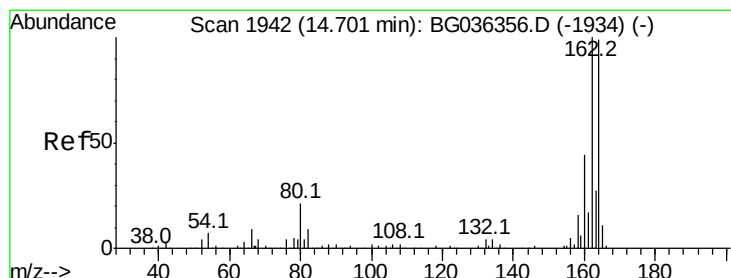
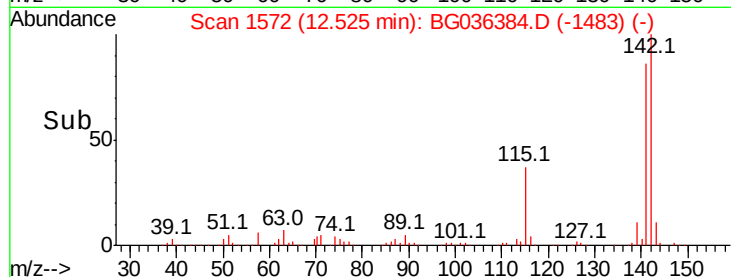
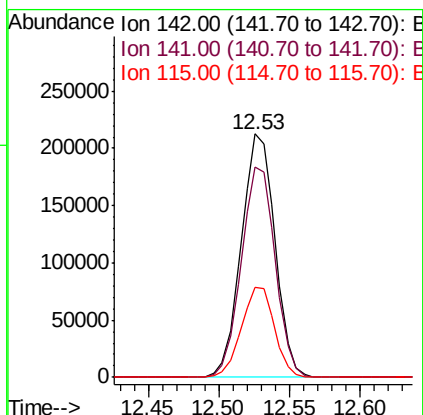
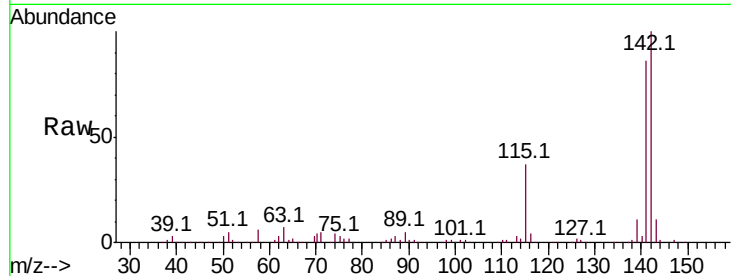




#37
 2-Methylnaphthalene
 Concen: 45.316 ng
 RT: 12.53 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

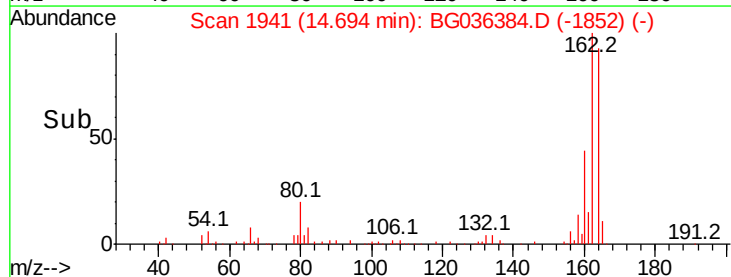
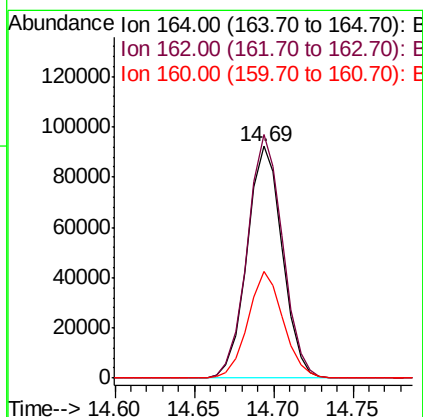
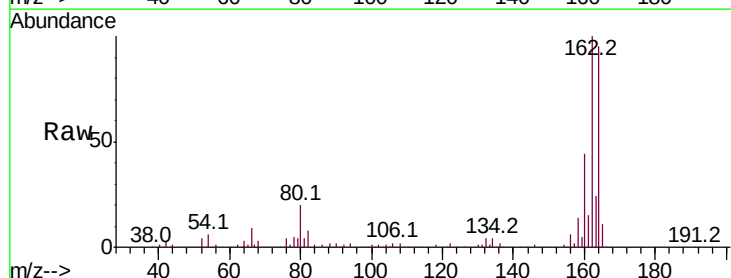
Instrument :
 BNA_G
 ClientSampled :

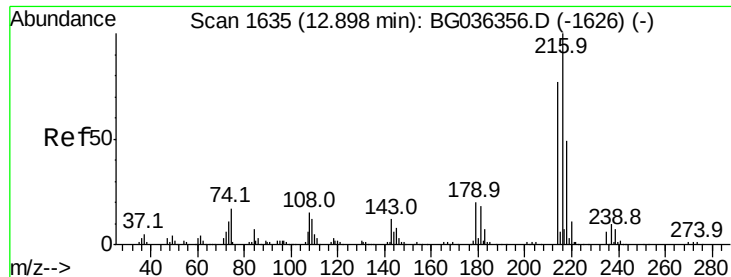
Tot Ion:142 Resp: 354542
 Ion Ratio Lower Upper
 142 100
 141 86.2 68.5 102.7
 115 36.8 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Tgt Ion:164 Resp: 142231
 Ion Ratio Lower Upper
 164 100
 162 105.0 80.7 121.1
 160 45.8 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.545 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 194011

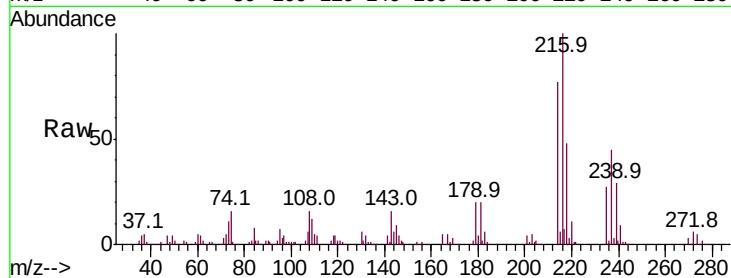
Ion Ratio Lower Upper

216 100

214 78.3 61.0 91.6

179 19.5 15.7 23.5

108 18.6 13.1 19.7

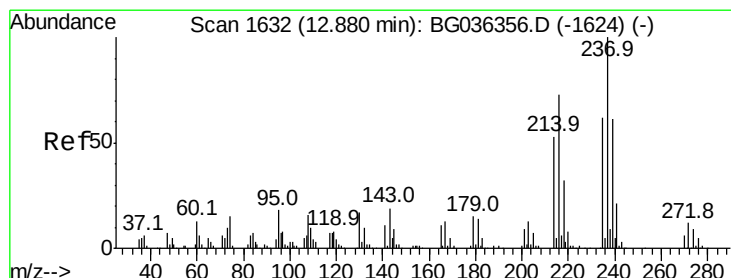
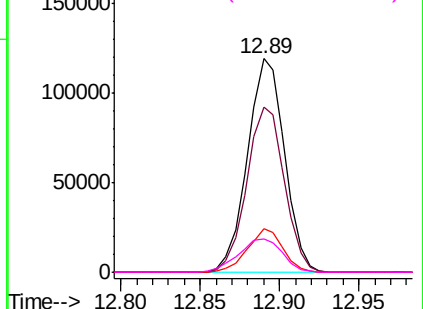
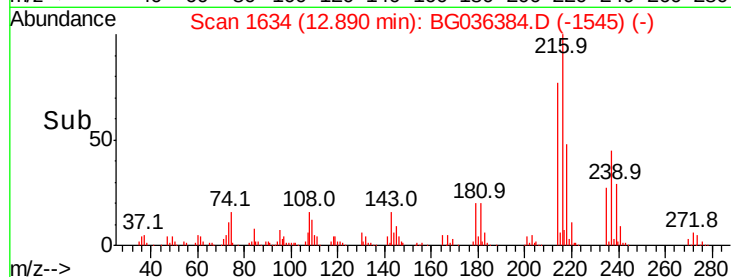


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 93.419 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

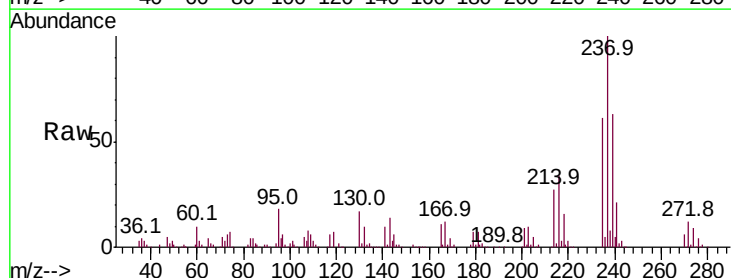
Tgt Ion:237 Resp: 244654

Ion Ratio Lower Upper

237 100

235 61.4 42.2 82.2

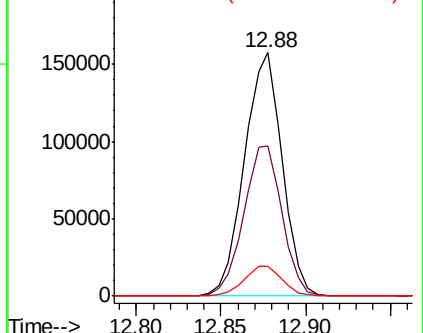
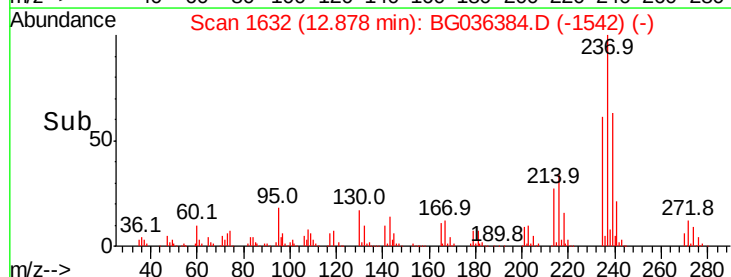
272 12.0 0.0 32.1

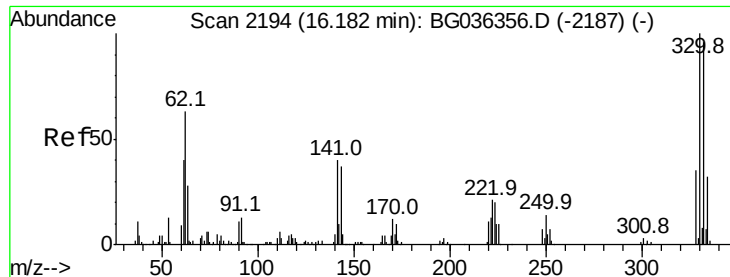


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

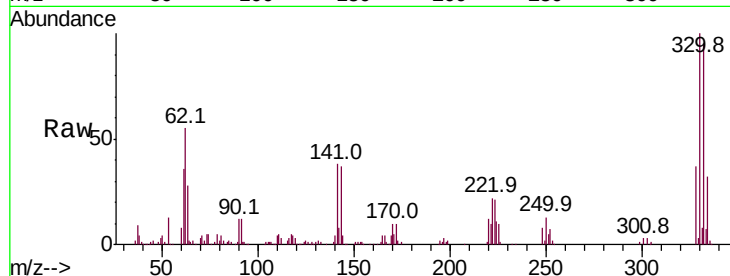




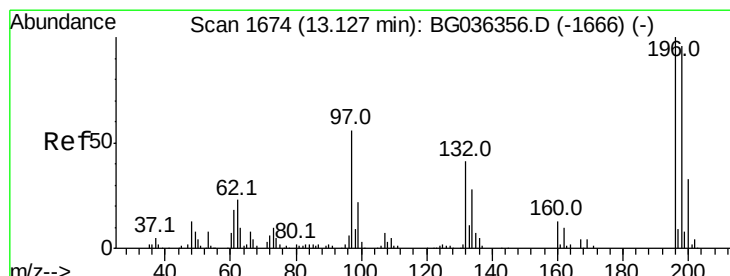
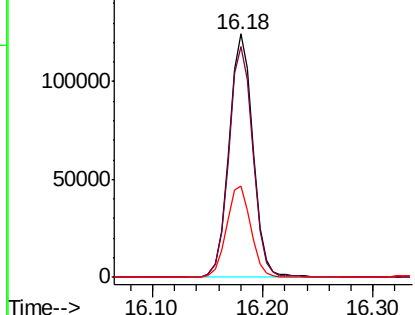
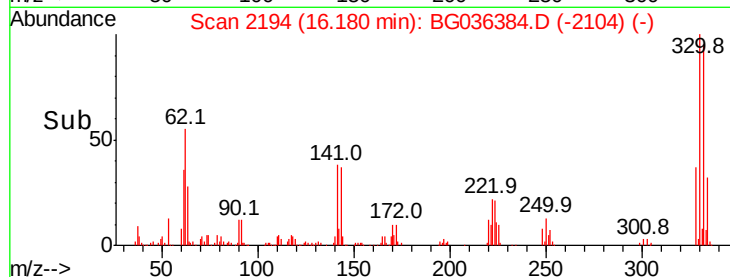
#41
 2,4,6-Tribromophenol
 Concen: 111.414 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.4	113.2
141	38.0	30.7	46.1

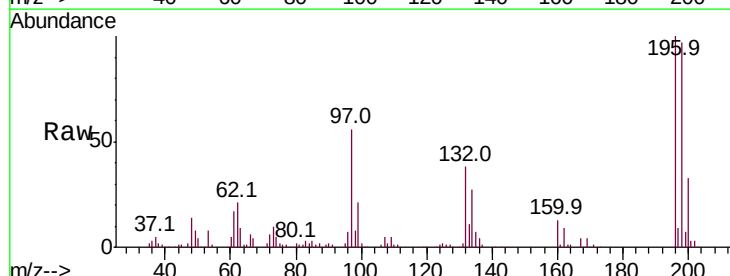


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

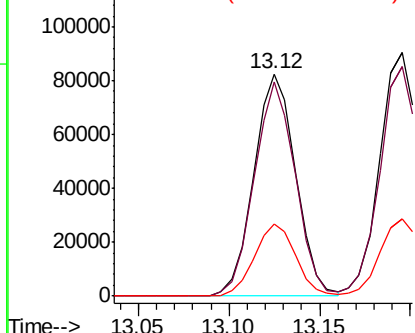
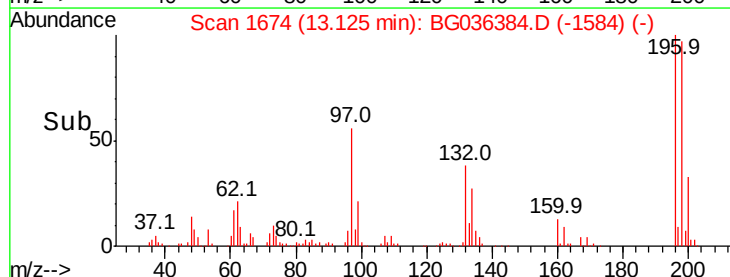


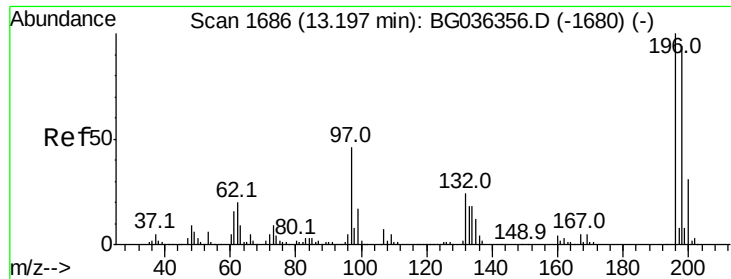
#42
 2,4,6-Trichlorophenol
 Concen: 43.033 ng
 RT: 13.12 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.2	115.8
200	32.7	26.3	39.5



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

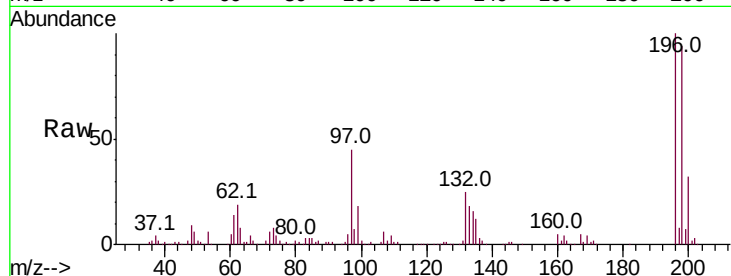




#43
 2,4,5-Trichlorophenol
 Concen: 44.780 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.6	113.4
97	45.2	37.2	55.8
132	24.6	19.4	29.2



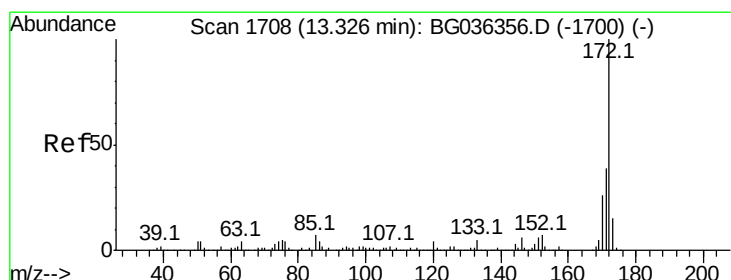
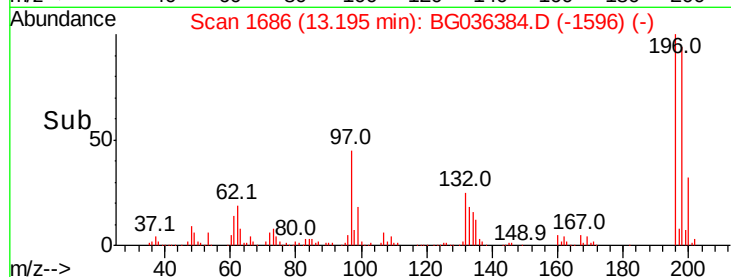
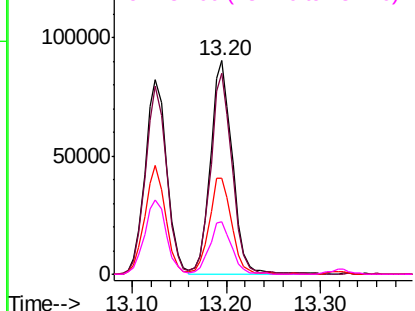
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

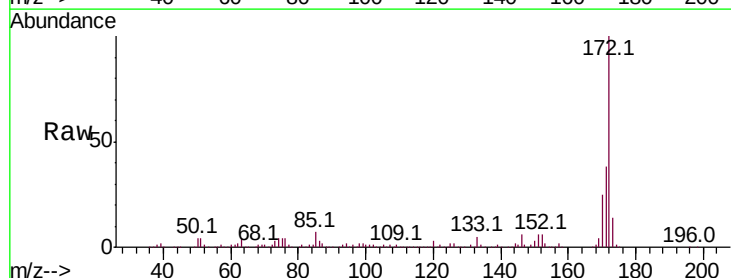
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.671 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	24.9	21.0	31.6

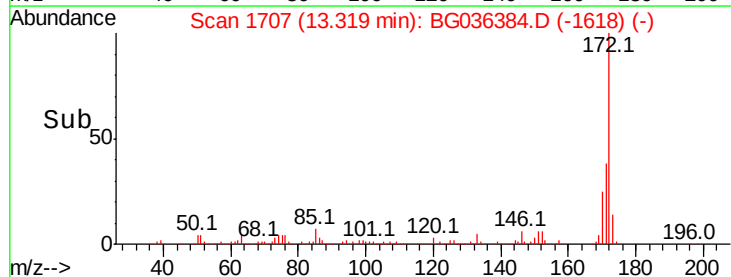
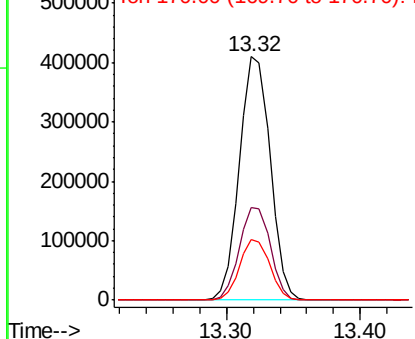


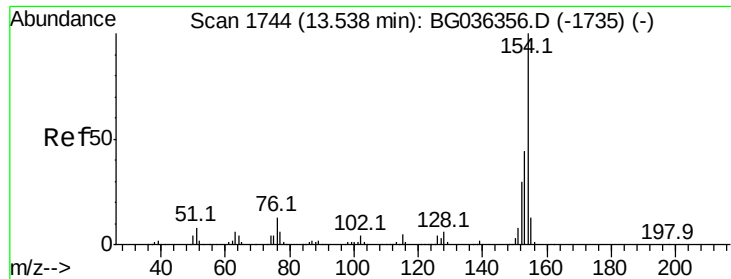
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.991 ng

RT: 13.53 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampleId :

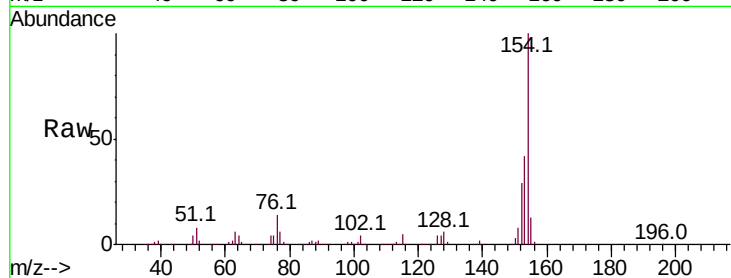
Tot Ion:154 Resp: 460344

Ion Ratio Lower Upper

154 100

153 42.2 24.0 64.0

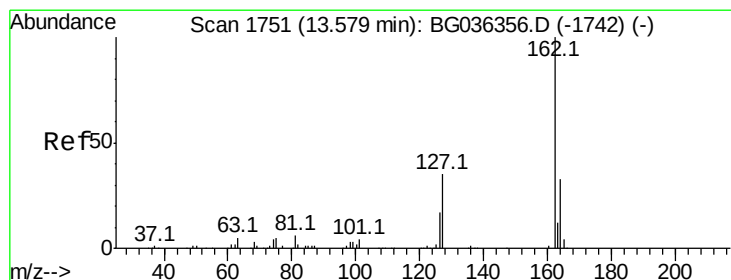
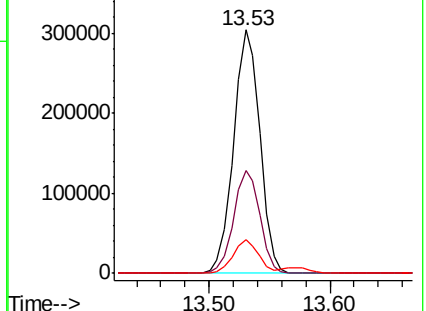
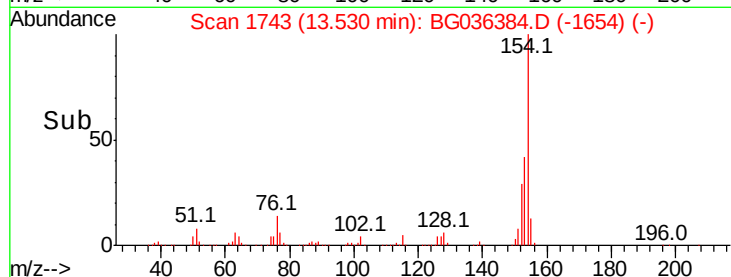
76 13.9 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 38.533 ng

RT: 13.57 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

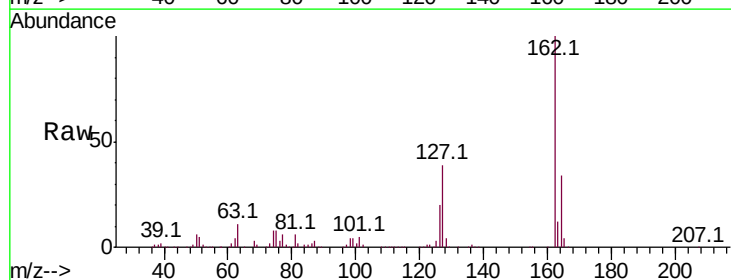
Tgt Ion:162 Resp: 347302

Ion Ratio Lower Upper

162 100

127 39.3 30.7 46.1

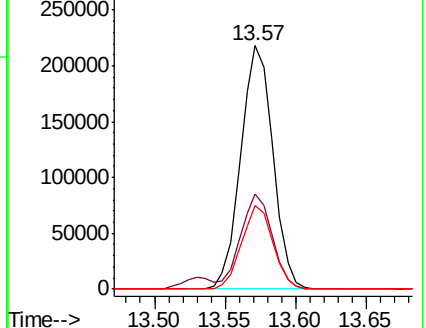
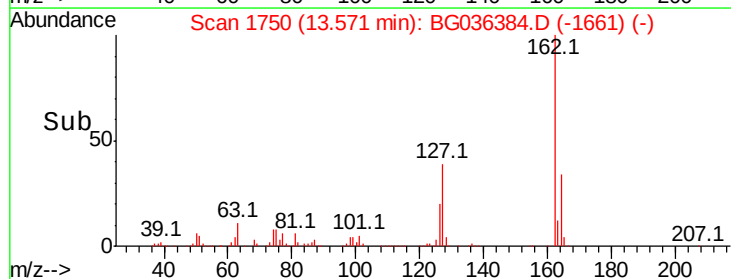
164 34.2 26.7 40.1

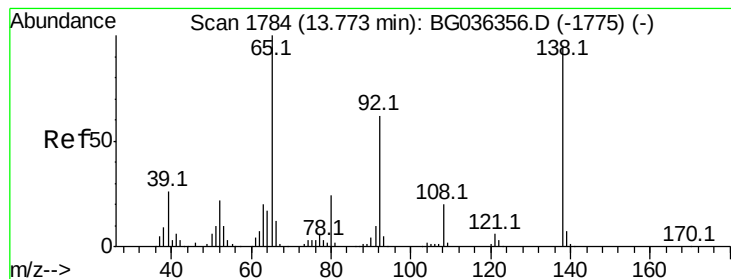


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.712 ng

RT: 13.77 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampleId :

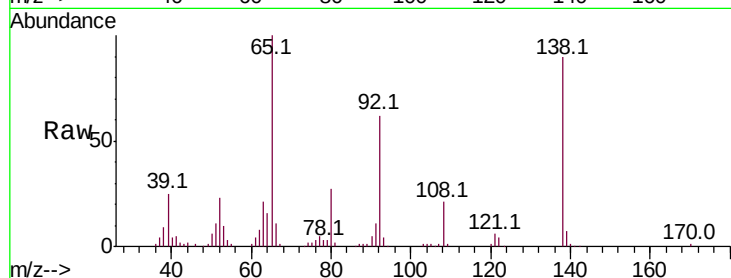
Tot Ion: 65 Resp: 123718

Ion Ratio Lower Upper

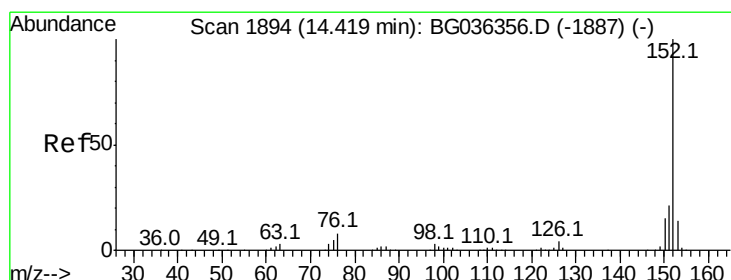
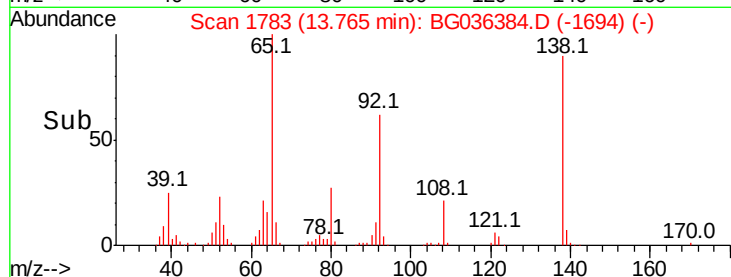
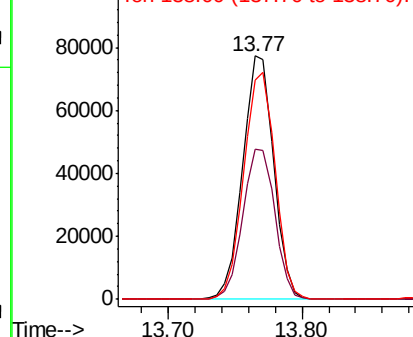
65 100

92 61.7 49.9 74.9

138 90.2 76.2 114.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 42.391 ng

RT: 14.42 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

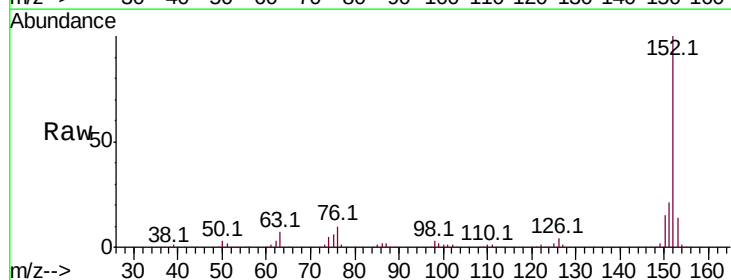
Tgt Ion: 152 Resp: 597124

Ion Ratio Lower Upper

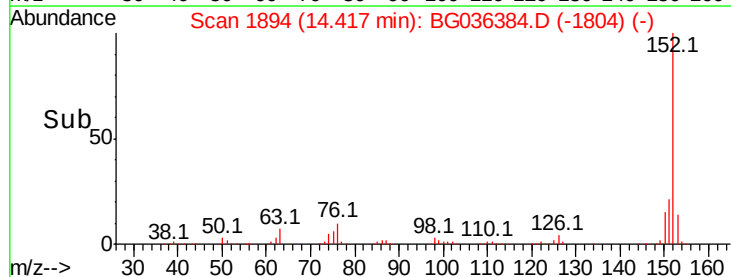
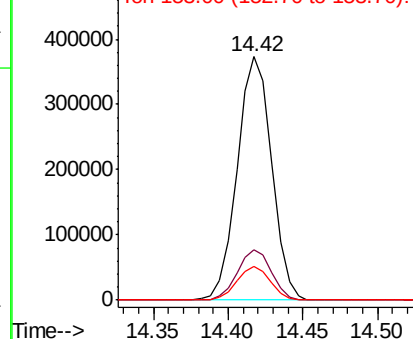
152 100

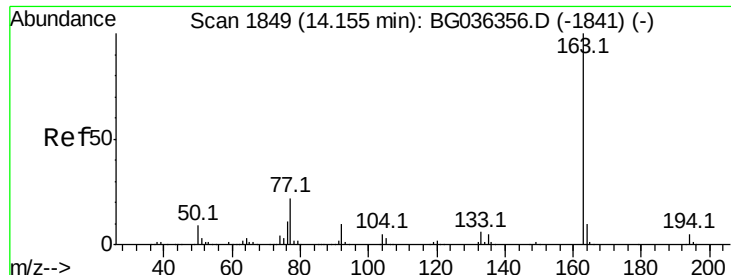
151 20.6 16.9 25.3

153 13.6 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

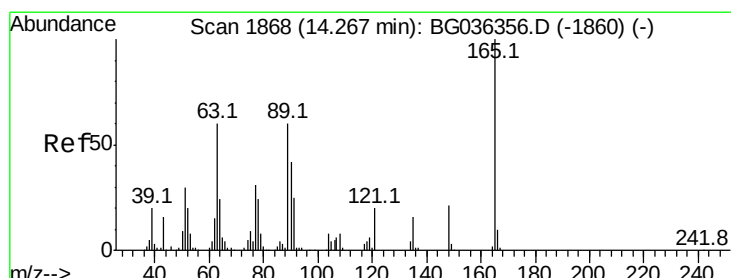
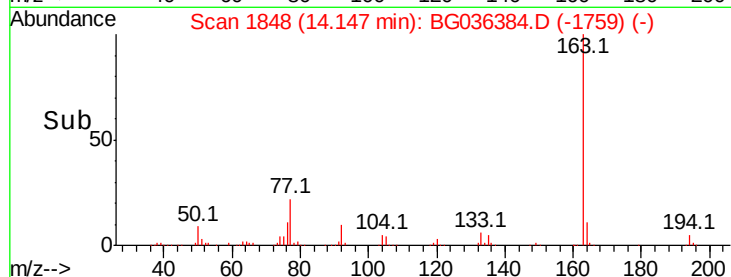
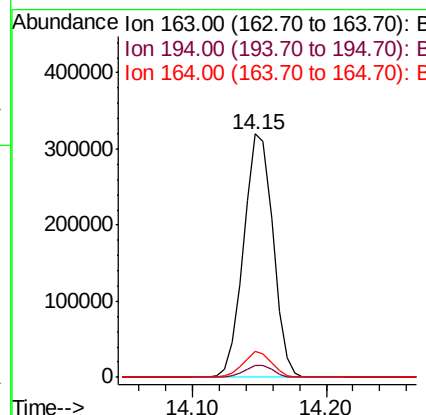
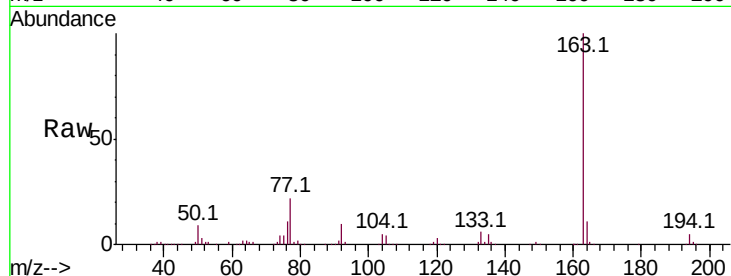




#49
Dimethylphthalate
Concen: 41.654 ng
RT: 14.15 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

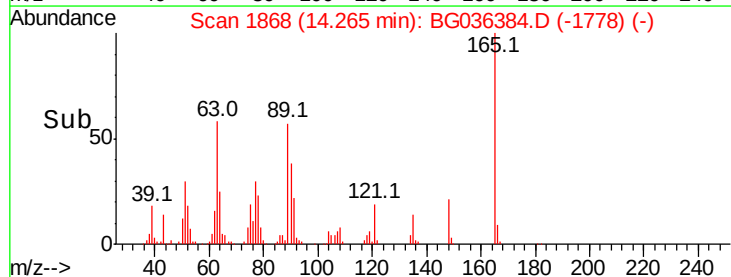
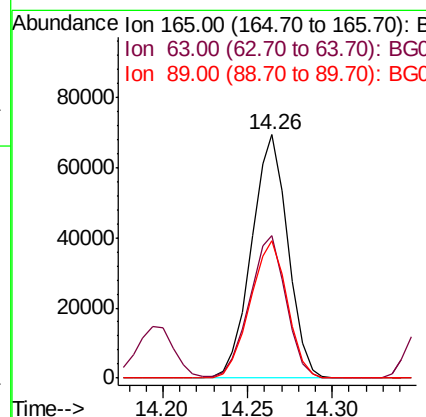
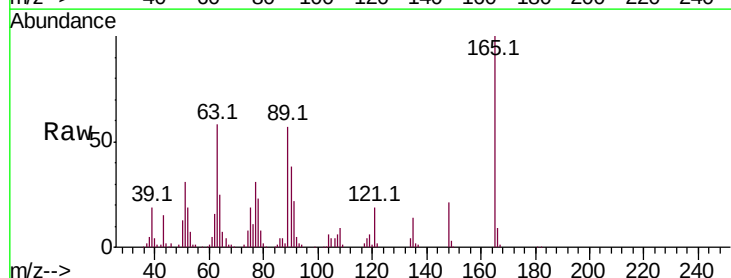
Instrument :
BNA_G
ClientSampleId :

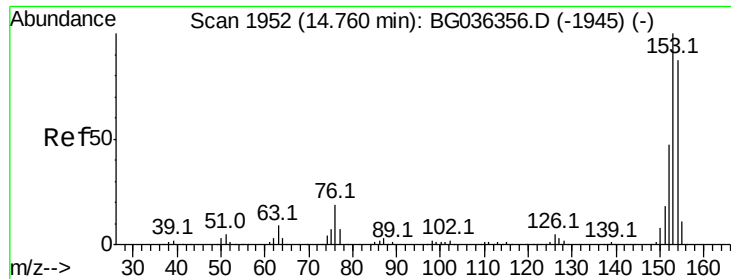
Tot Ion:163 Resp: 483772
Ion Ratio Lower Upper
163 100
194 4.9 4.0 6.0
164 10.8 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 43.227 ng
RT: 14.26 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Tgt Ion:165 Resp: 103306
Ion Ratio Lower Upper
165 100
63 58.3 50.1 75.1
89 56.5 47.8 71.6





#51

Acenaphthene

Concen: 42.826 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampleId :

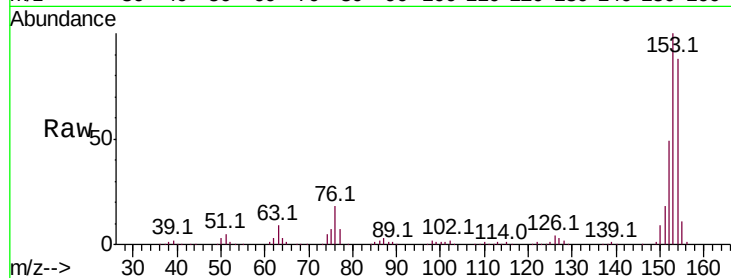
Tot Ion:154 Resp: 386348

Ion Ratio Lower Upper

154 100

153 113.5 91.8 137.6

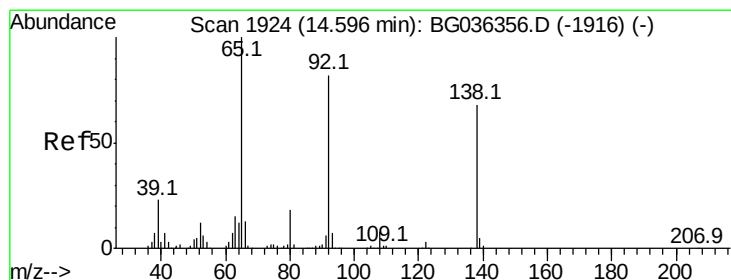
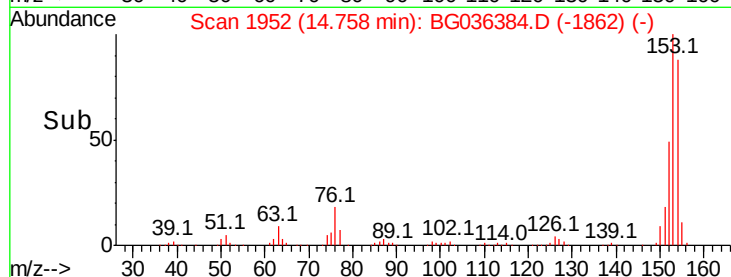
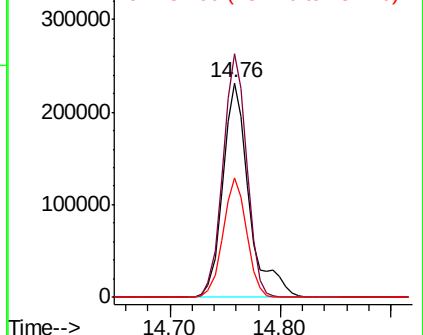
152 55.9 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.857 ng

RT: 14.59 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

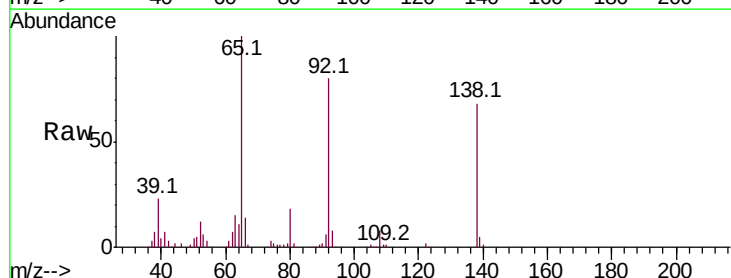
Tgt Ion:138 Resp: 76893

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.2

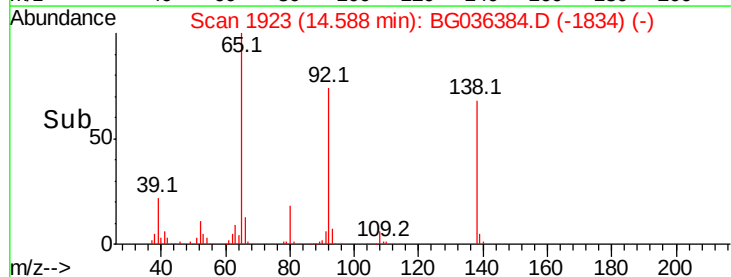
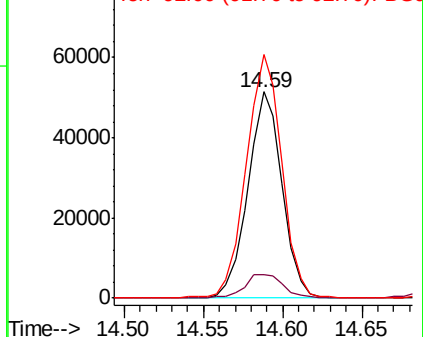
92 117.9 96.8 145.2

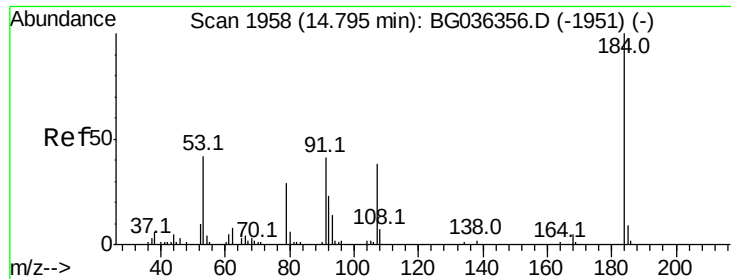


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

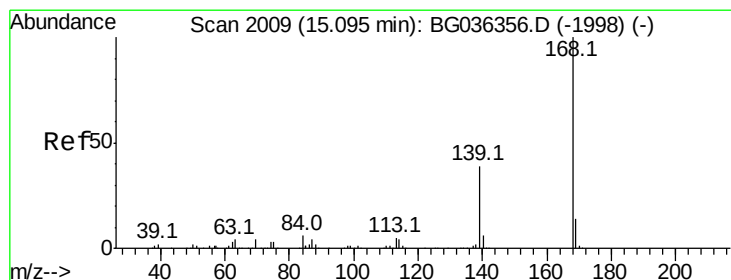
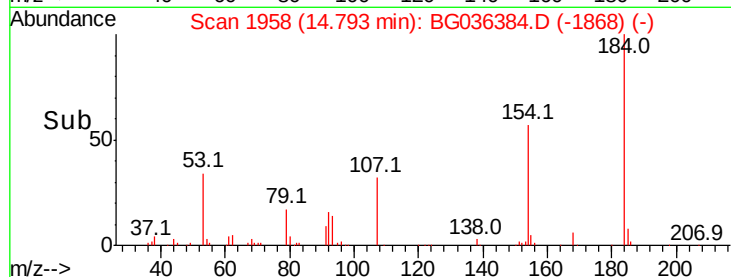
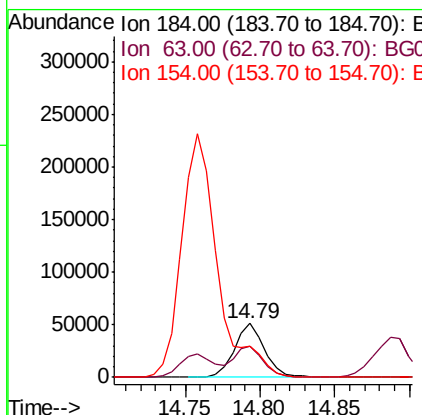
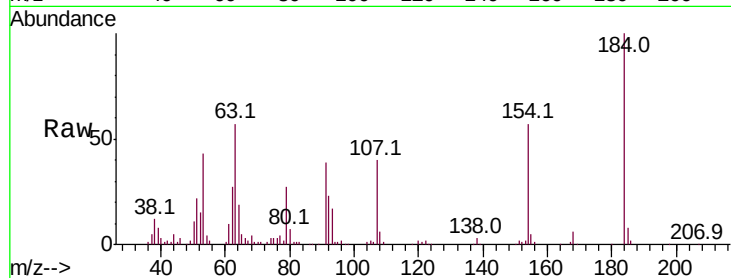




#53
 2,4-Dinitrophenol
 Concen: 79.507 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

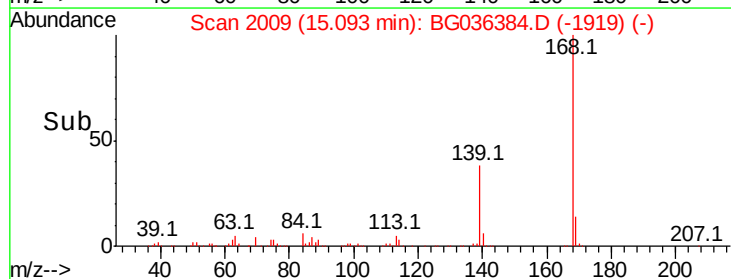
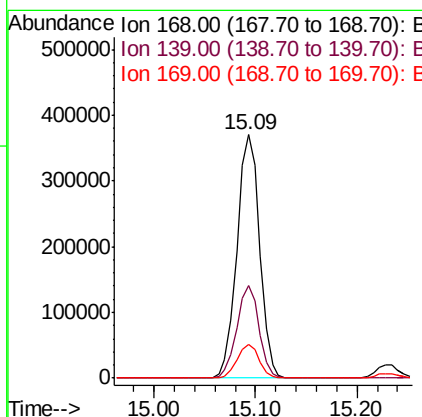
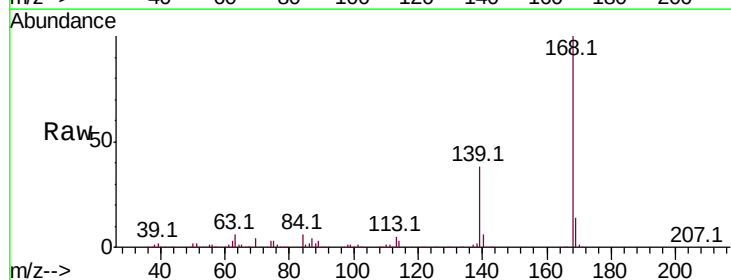
Instrument :
 BNA_G
 ClientSampleId :

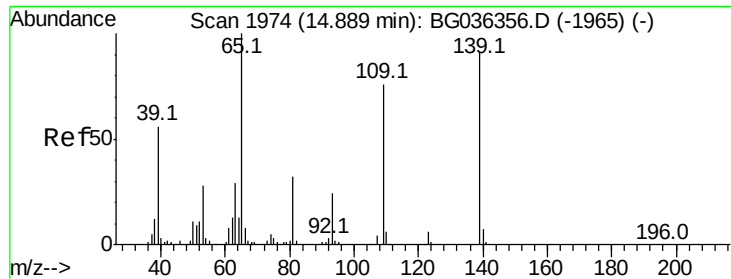
Tot Ion:184 Resp: 71971
 Ion Ratio Lower Upper
 184 100
 63 57.4 47.3 70.9
 154 56.9 51.1 76.7



#54
 Dibenzofuran
 Concen: 40.481 ng
 RT: 15.09 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Tgt Ion:168 Resp: 572129
 Ion Ratio Lower Upper
 168 100
 139 38.0 31.0 46.6
 169 13.9 11.1 16.7

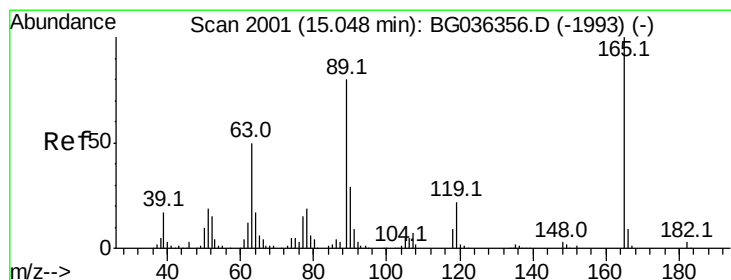
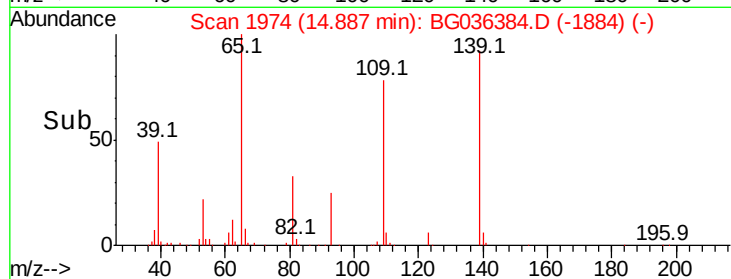
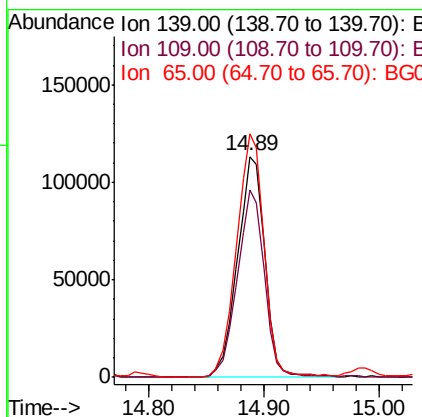
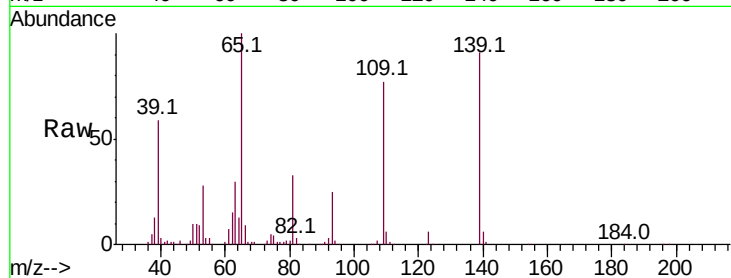




#55
4-Nitrophenol
Concen: 87.987 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

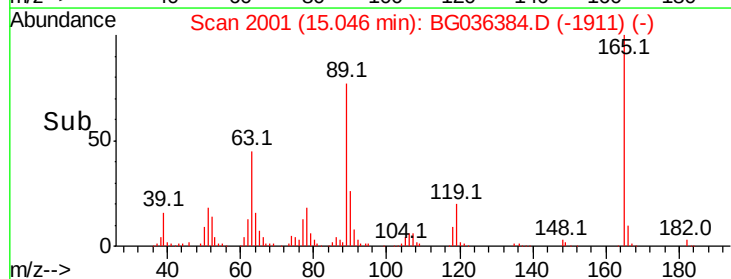
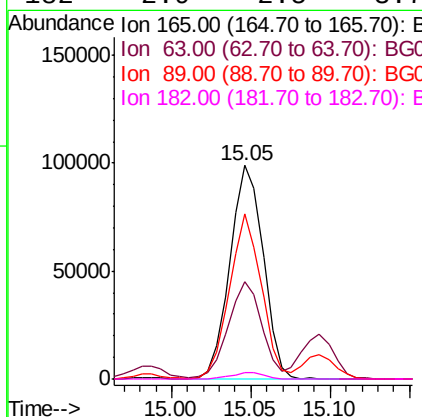
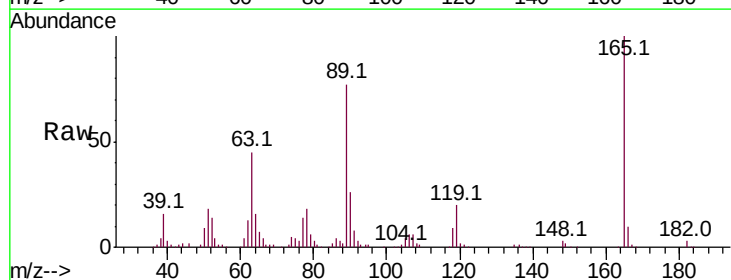
Instrument :
BNA_G
ClientSampleId :

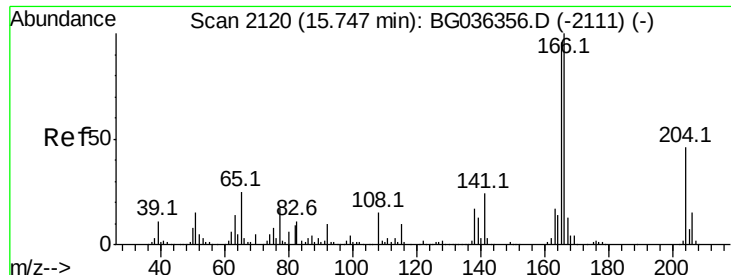
Tot Ion	Ratio	Lower	Upper
139	100		
109	85.1	63.9	103.9
65	110.3	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 46.311 ng
RT: 15.05 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.3	40.1	60.1
89	77.2	63.7	95.5
182	2.9	2.5	3.7

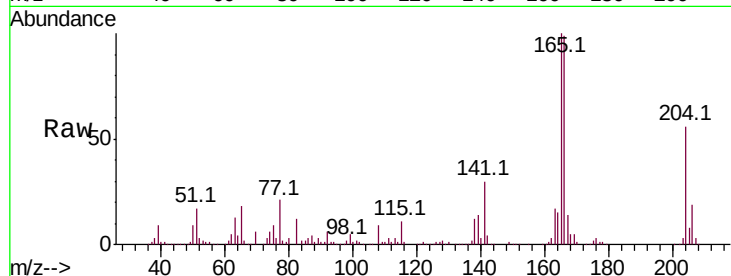




#57
 Fluorene
 Concen: 43.516 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.0	115.4
167	14.6	10.6	16.0

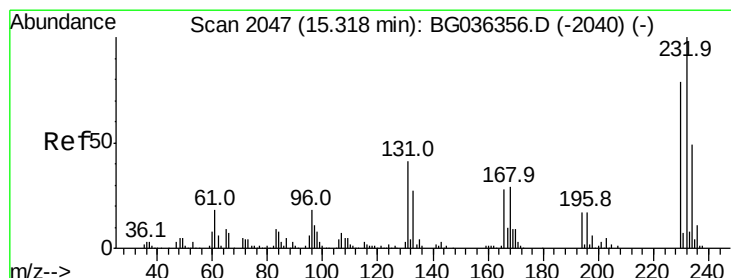
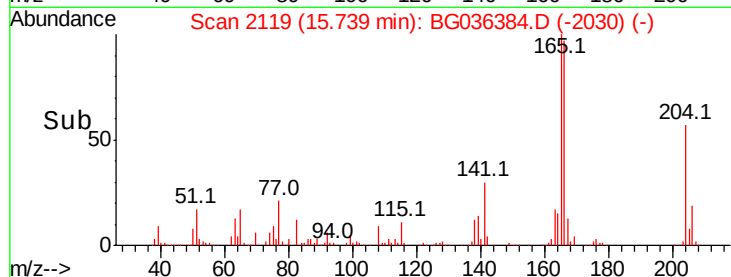
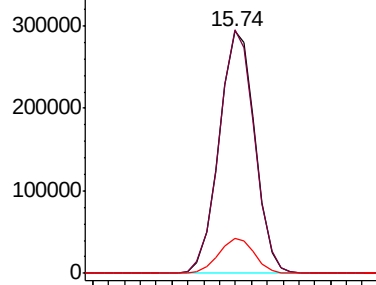


Abundance

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



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.142 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.5	33.8	50.8
130	2.5	2.1	3.1
166	27.2	22.3	33.5

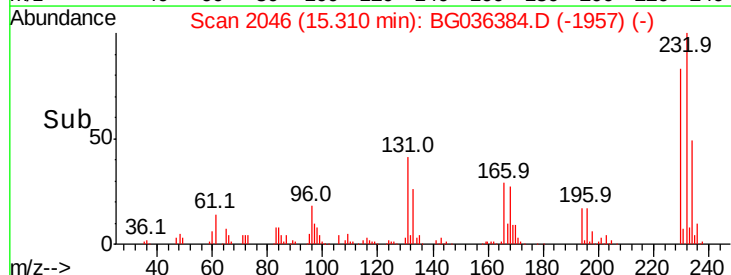
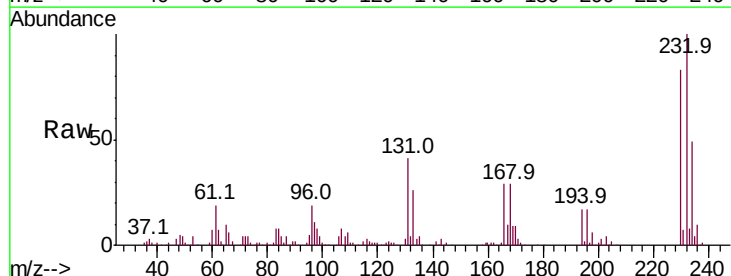
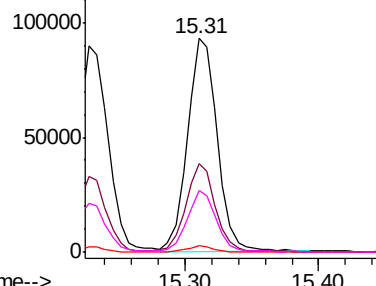
Abundance

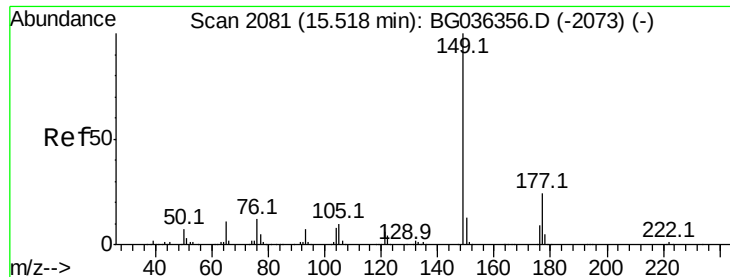
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

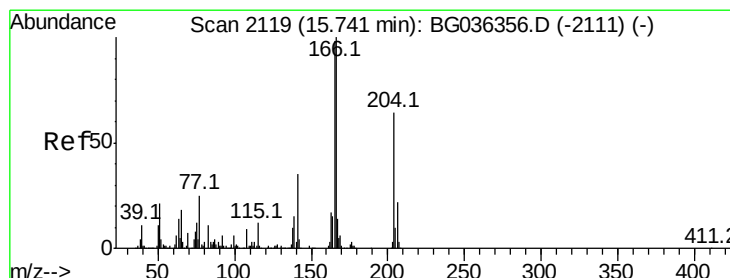
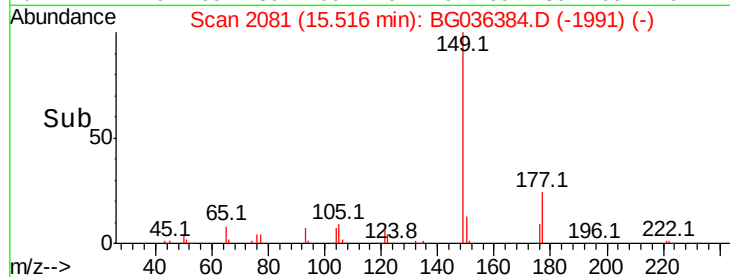
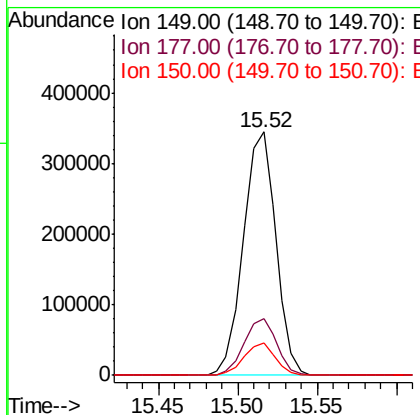
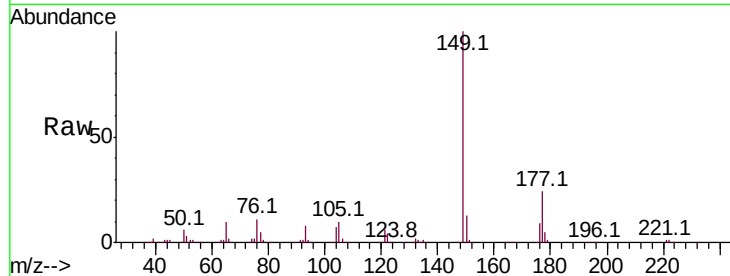




#59
 Diethylphthalate
 Concen: 41.896 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

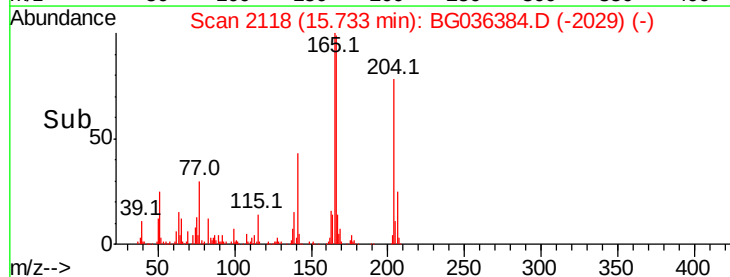
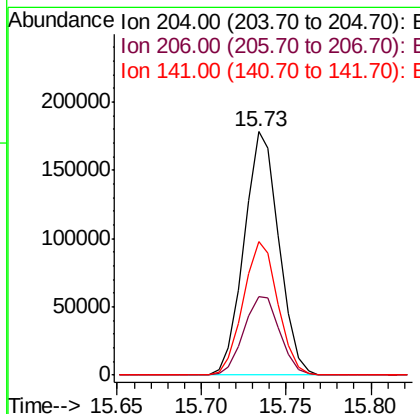
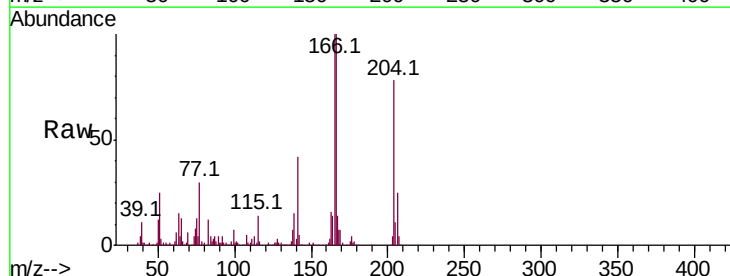
Instrument :
 BNA_G
 ClientSampleId :

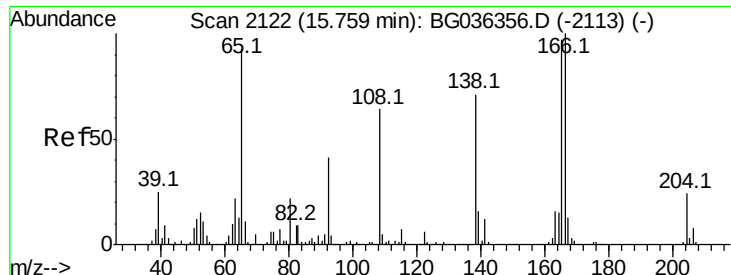
Tot Ion:	149	Resp:	490374
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.1	28.7
150	13.1	10.7	16.1



#60
 4-Chlorophenyl-phenylether
 Concen: 39.110 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Tgt Ion:	204	Resp:	255162
Ion	Ratio	Lower	Upper
204	100		
206	32.1	27.0	40.4
141	54.6	43.8	65.6

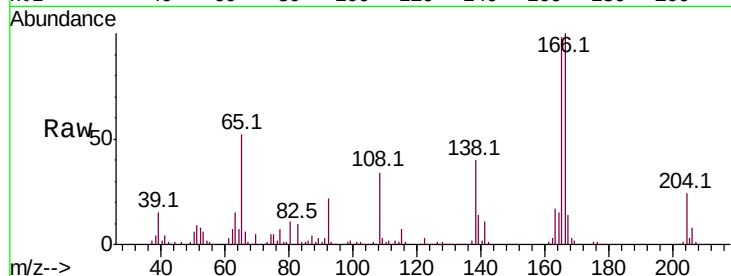




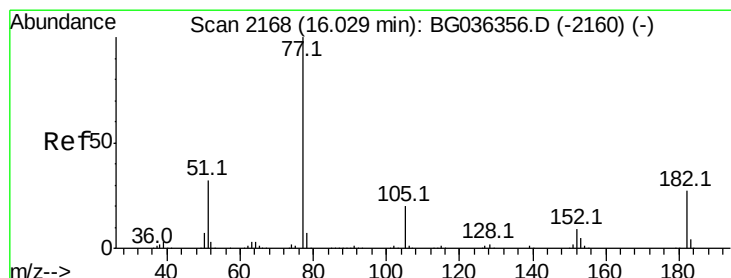
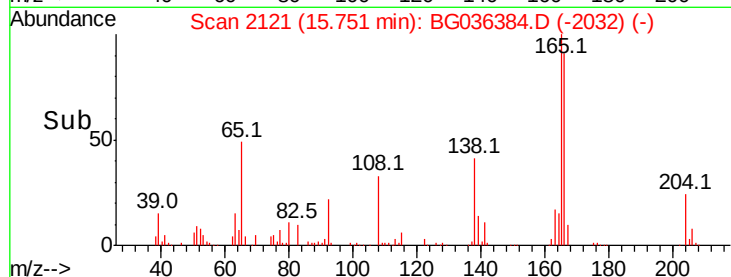
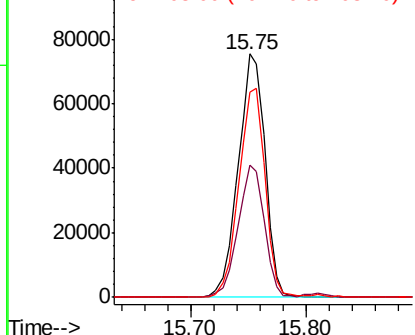
#61
4-Nitroaniline
Concen: 45.052 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 121411
Ion Ratio Lower Upper
138 100
92 54.5 38.5 78.5
108 84.0 70.3 110.3

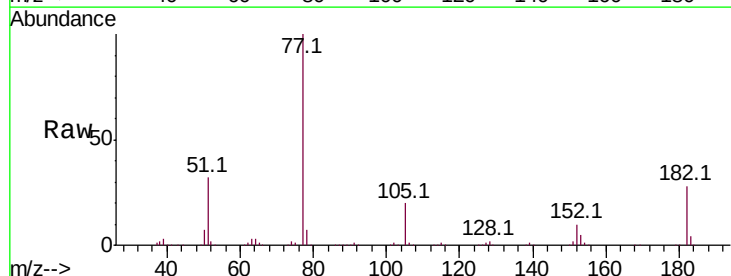


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

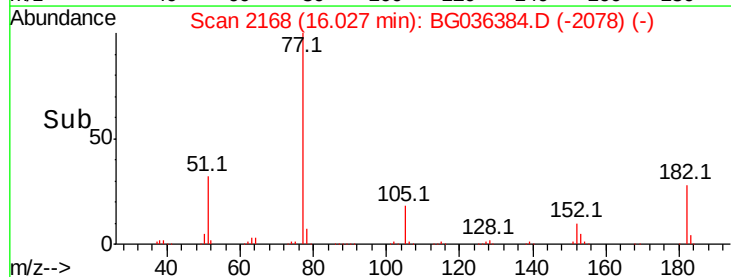
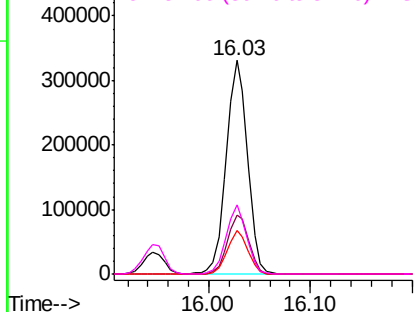


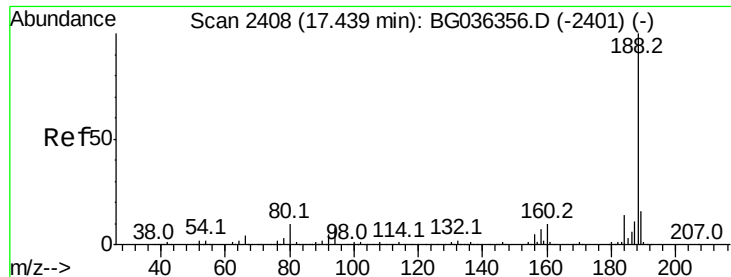
#62
Azobenzene
Concen: 40.211 ng
RT: 16.03 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Tgt Ion: 77 Resp: 478865
Ion Ratio Lower Upper
77 100
182 27.7 6.7 46.7
105 20.3 0.0 39.8
51 32.2 12.4 52.4



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampleId :

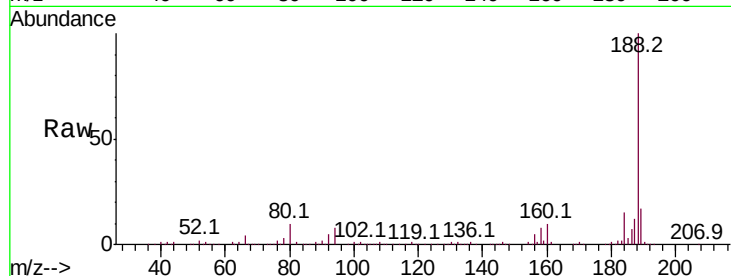
Tot Ion:188 Resp: 377058

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

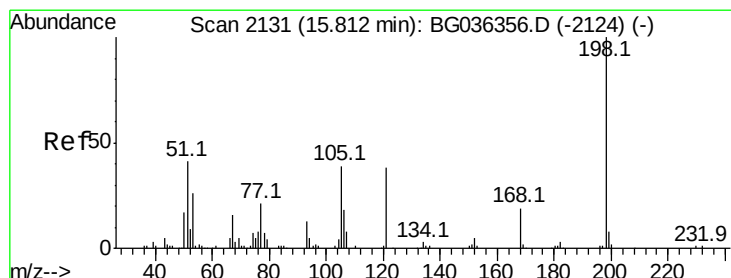
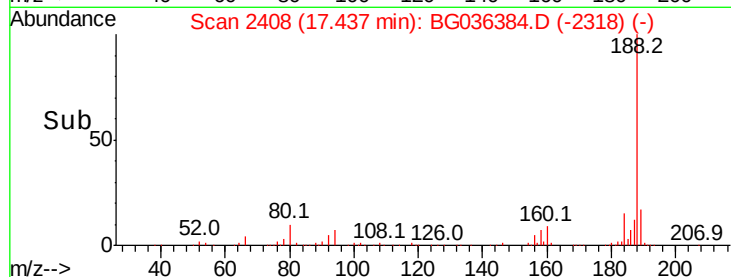
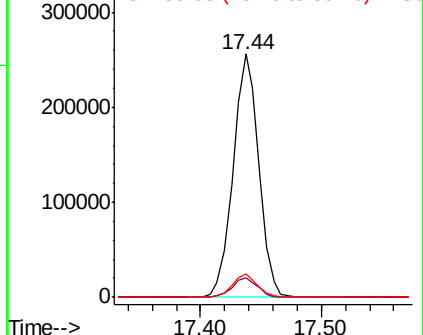
80 9.8 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 38.438 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

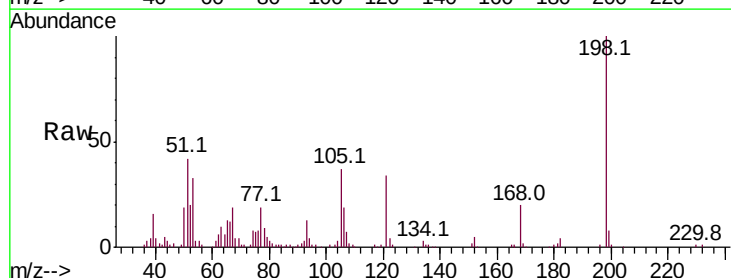
Tgt Ion:198 Resp: 63666

Ion Ratio Lower Upper

198 100

51 42.0 26.5 66.5

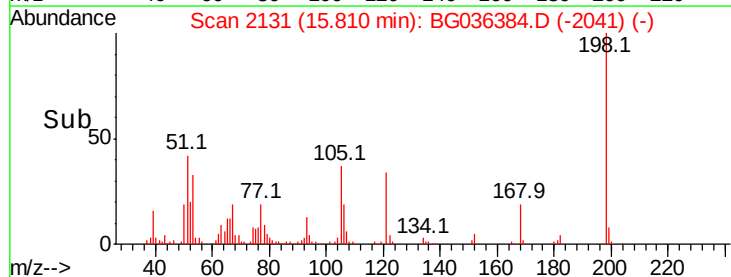
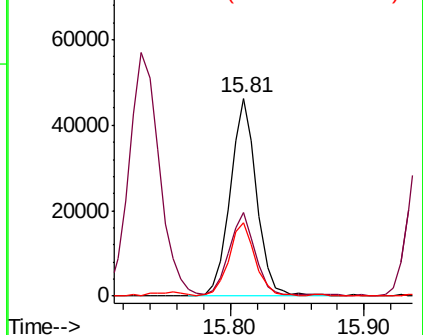
105 37.3 20.2 60.2

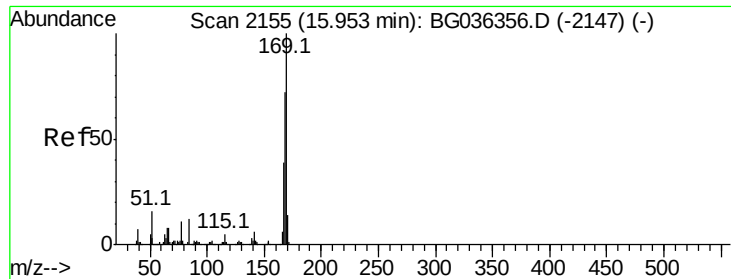


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

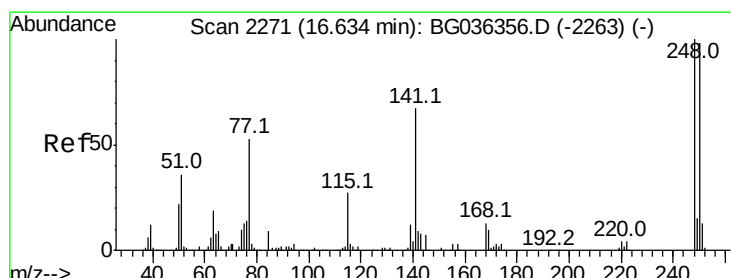
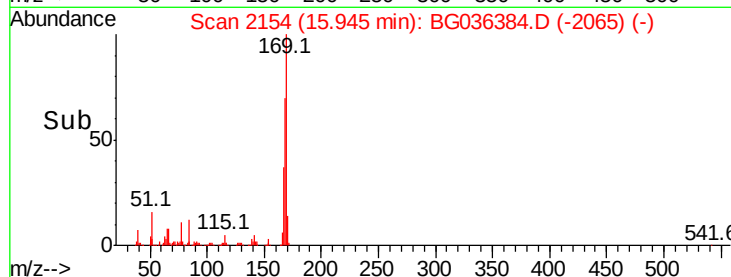
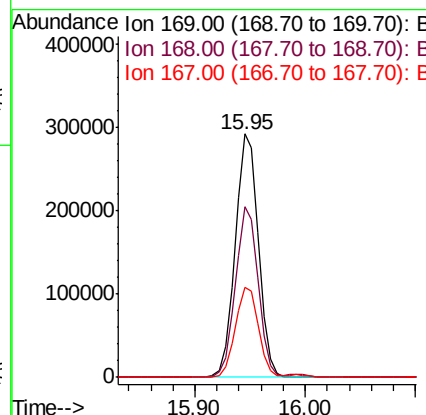
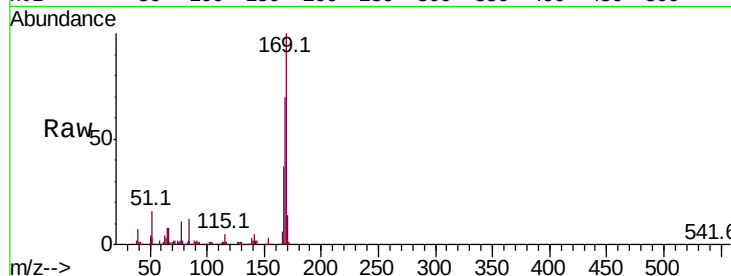




#65
 n-Nitrosodiphenylamine
 Concen: 38.410 ng
 RT: 15.95 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

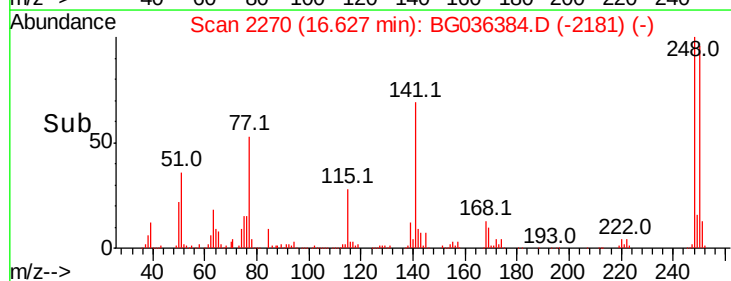
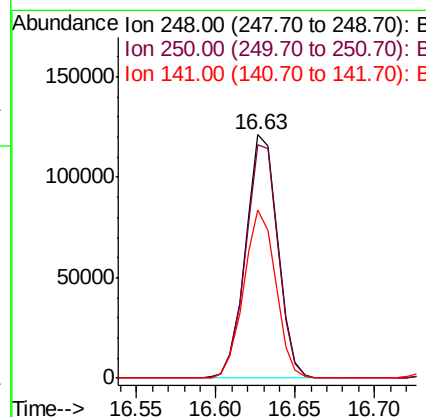
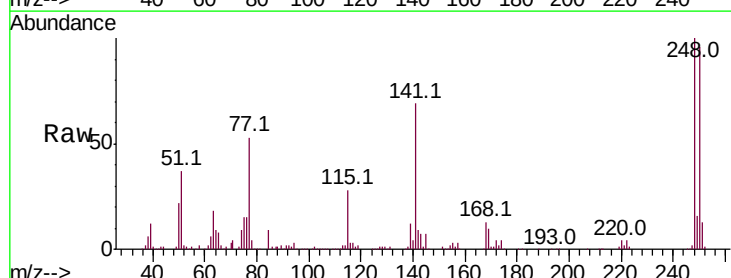
Instrument :
 BNA_G
 ClientSampleId :

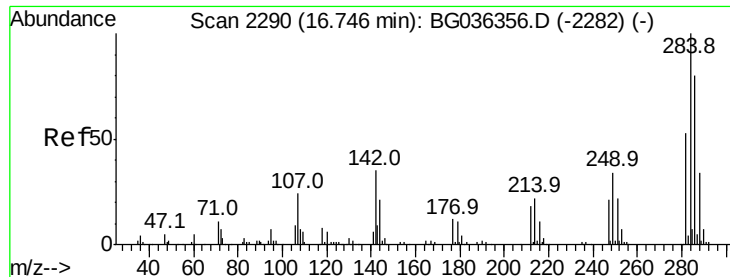
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.8	57.6	86.4
167	36.7	31.0	46.4



#66
 4-Bromophenyl-phenylether
 Concen: 38.551 ng
 RT: 16.63 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.1	117.1
141	69.0	53.7	80.5

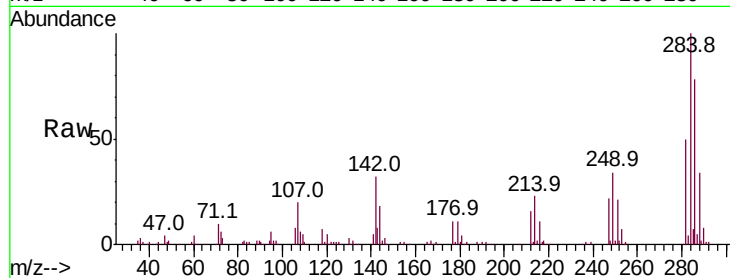




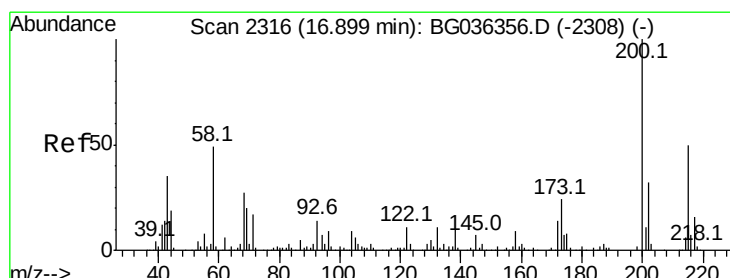
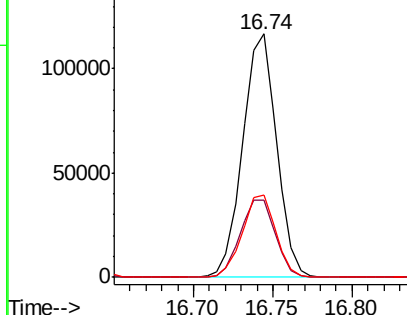
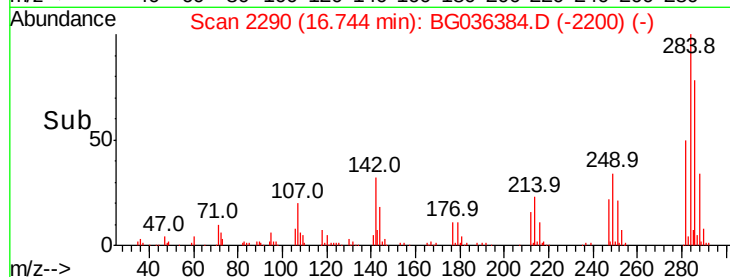
#67
Hexachlorobenzene
Concen: 38.301 ng
RT: 16.74 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.9	27.8	41.6
249	33.7	27.4	41.2

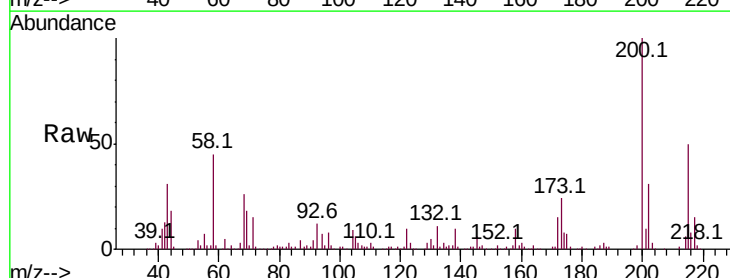


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

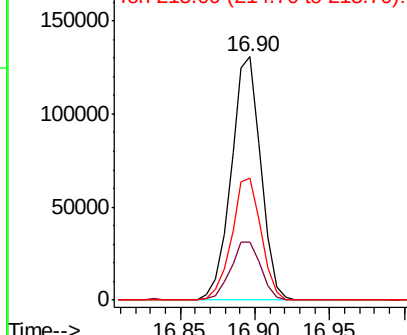
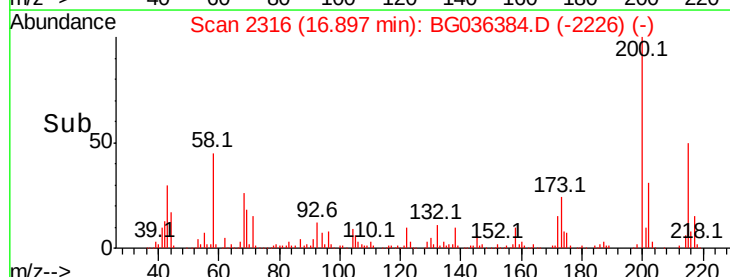


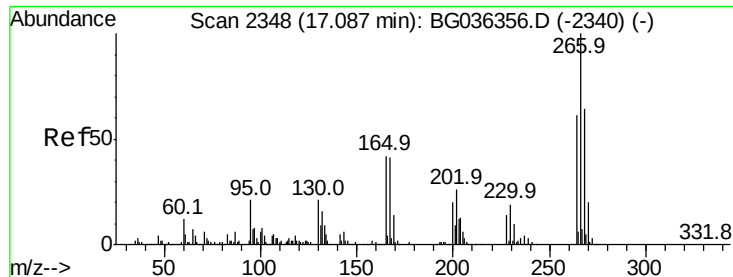
#68
Atrazine
Concen: 42.997 ng
RT: 16.90 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.1	3.9	43.9
215	50.3	30.4	70.4



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

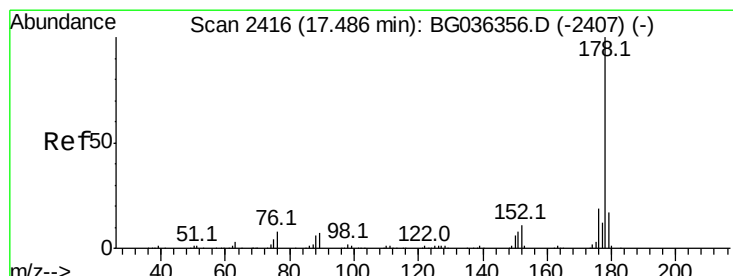
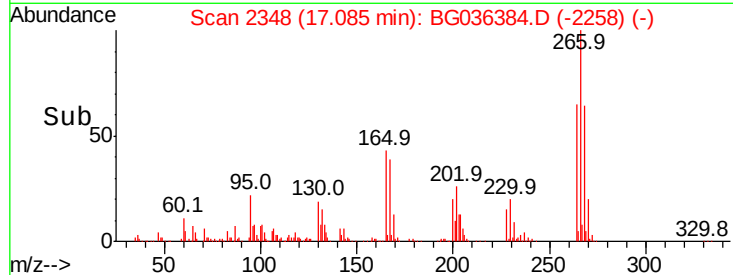
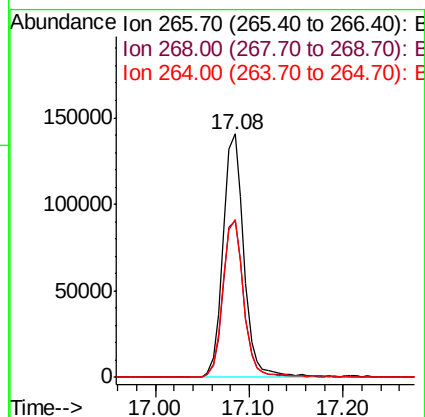
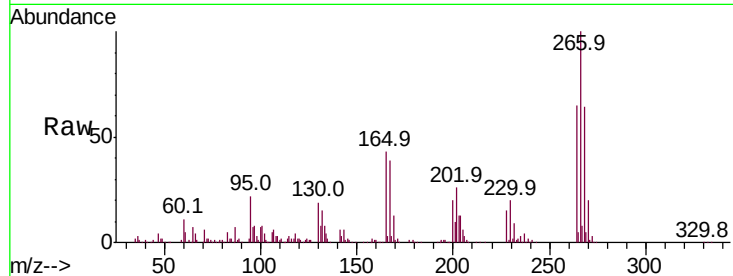




#69
 Pentachlorophenol
 Concen: 71.623 ng
 RT: 17.08 min Scan# 2348
 Delta R.T. -0.00 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

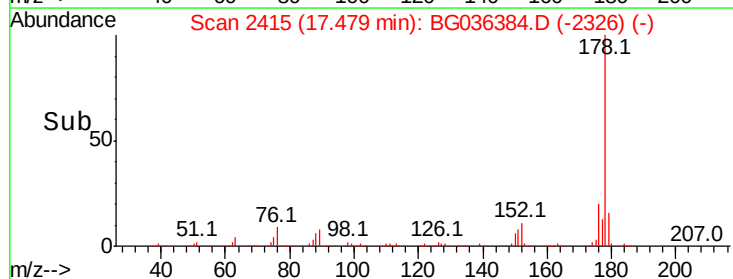
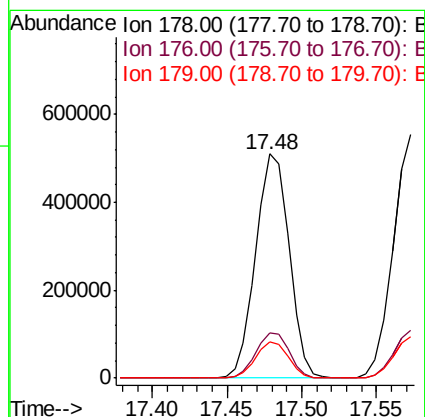
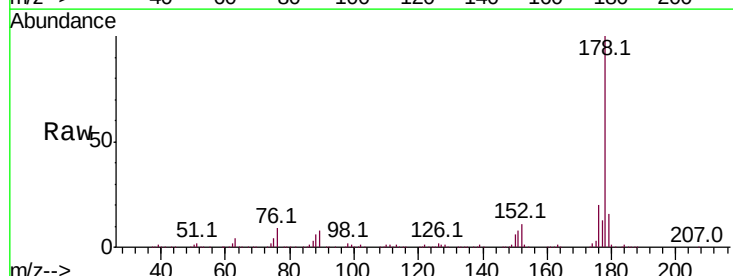
Instrument :
 BNA_G
 ClientSampleId :

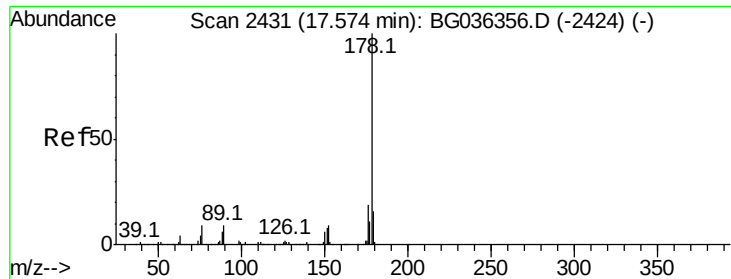
Tot Ion:	266	Resp:	219735
Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.4	77.2
264	64.9	48.9	73.3



#70
 Phenanthrene
 Concen: 41.353 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Tgt Ion:	178	Resp:	792308
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.3	13.4	20.2





#71

Anthracene

Concen: 42.607 ng

RT: 17.57 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampleId :

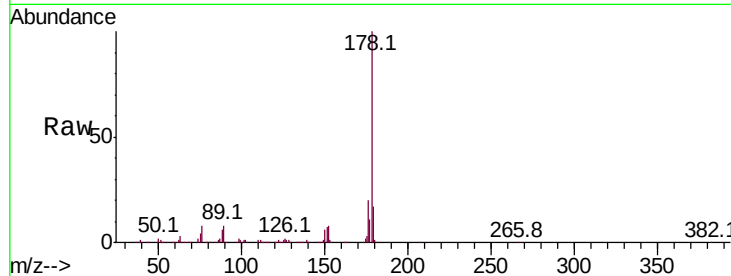
Tot Ion:178 Resp: 813734

Ion Ratio Lower Upper

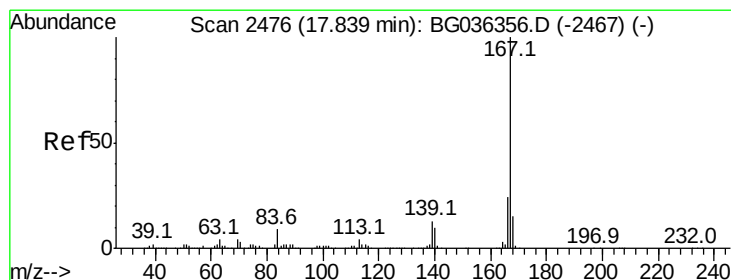
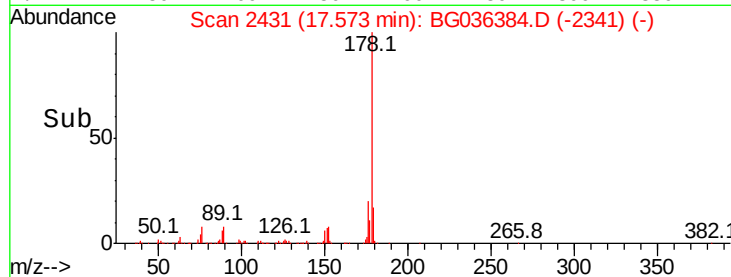
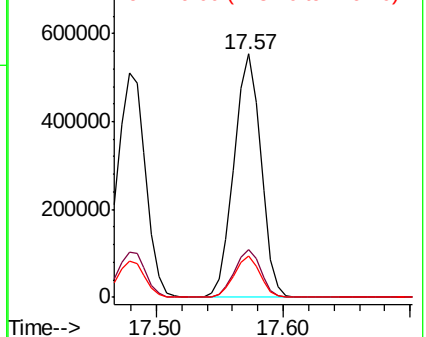
178 100

176 19.7 15.4 23.2

179 16.8 13.0 19.4



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



#72

Carbazole

Concen: 38.588 ng

RT: 17.84 min Scan# 2476

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

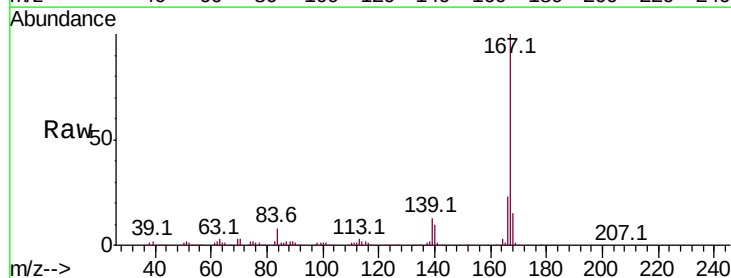
Tgt Ion:167 Resp: 736001

Ion Ratio Lower Upper

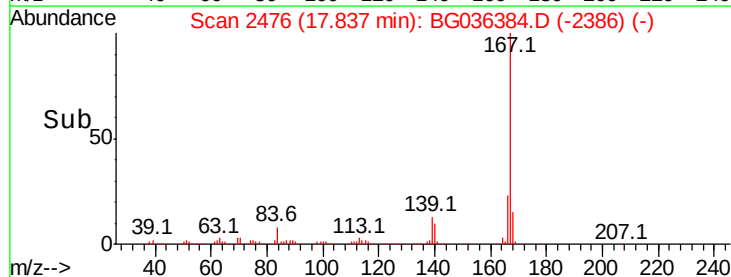
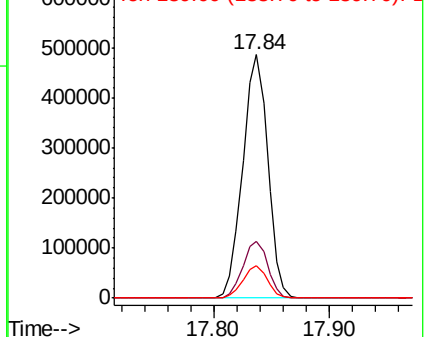
167 100

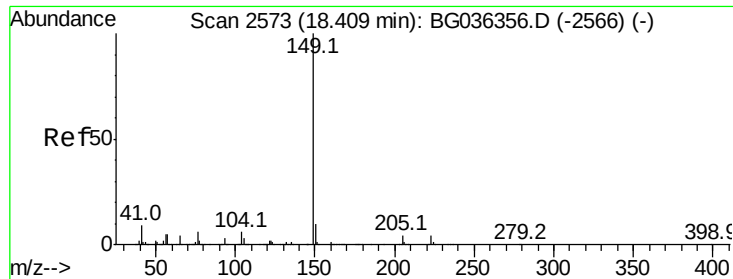
166 23.2 19.5 29.3

139 13.4 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.502 ng

RT: 18.40 min Scan# 2572

Delta R.T. -0.01 min

Lab File: BG036384.D

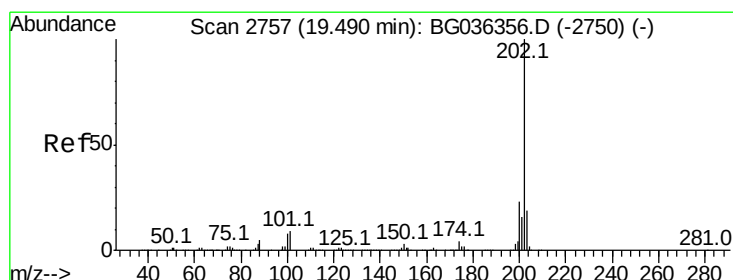
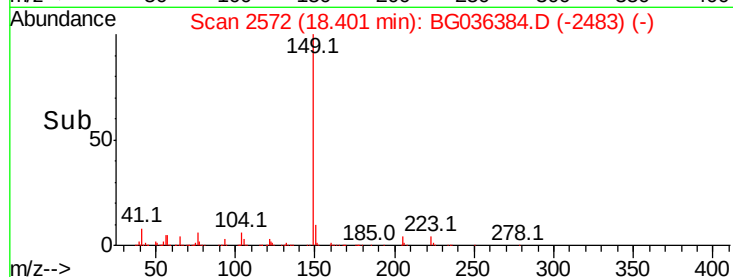
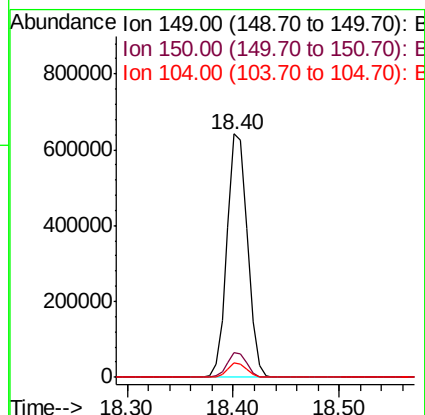
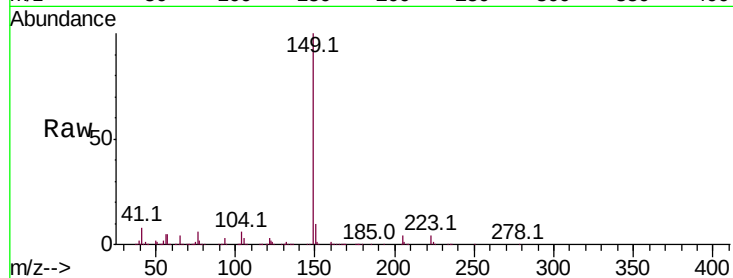
Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	860240
Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	5.7	4.6	6.8



#74

Fluoranthene

Concen: 42.963 ng

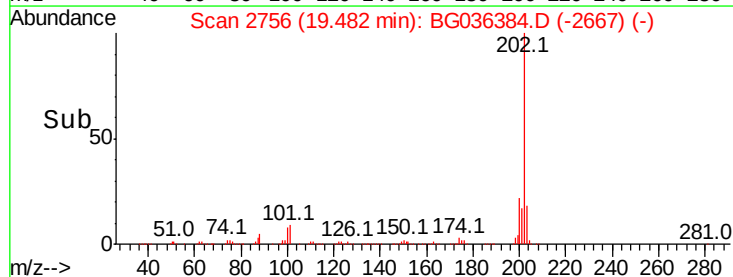
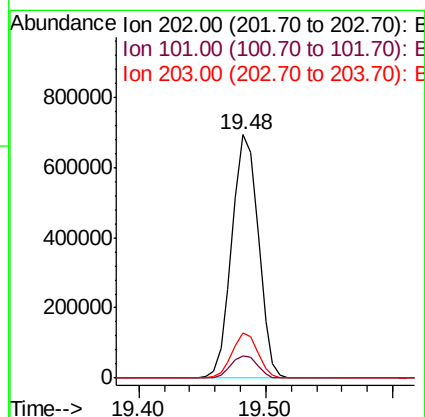
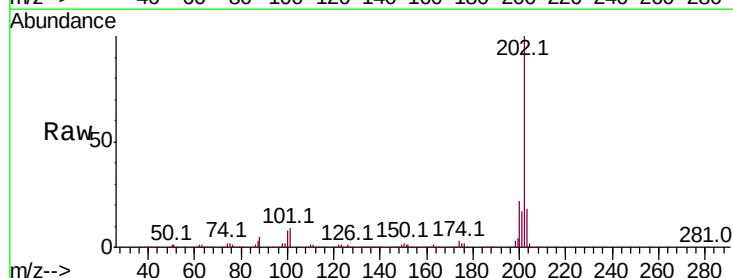
RT: 19.48 min Scan# 2756

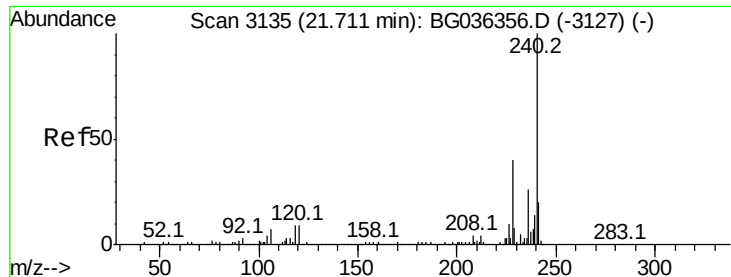
Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Tgt Ion:	202	Resp:	1003590
Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.4
203	18.4	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampleId :

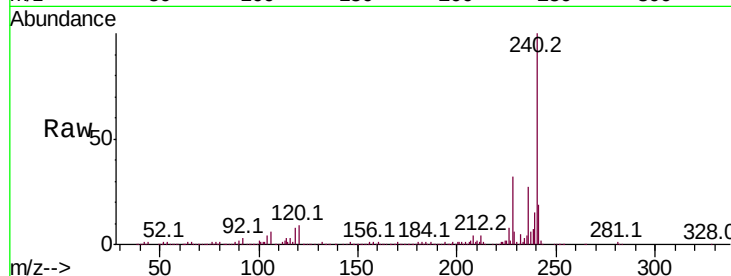
Tot Ion:240 Resp: 387118

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

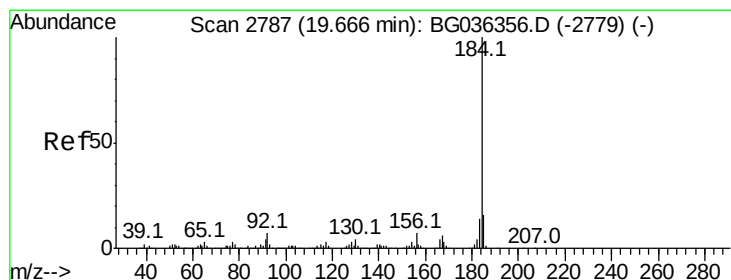
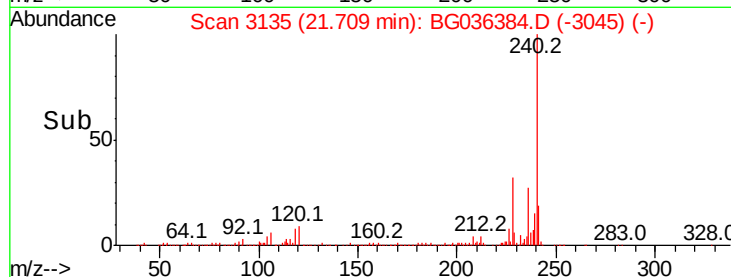
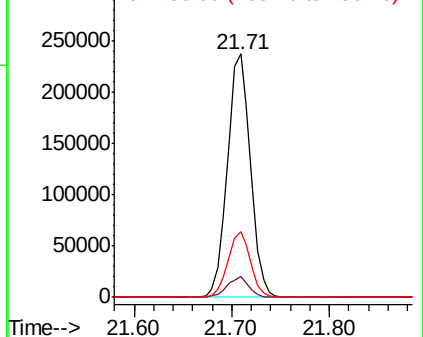
236 27.0 21.2 31.8



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



#76

Benzidine

Concen: 40.926 ng

RT: 19.66 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

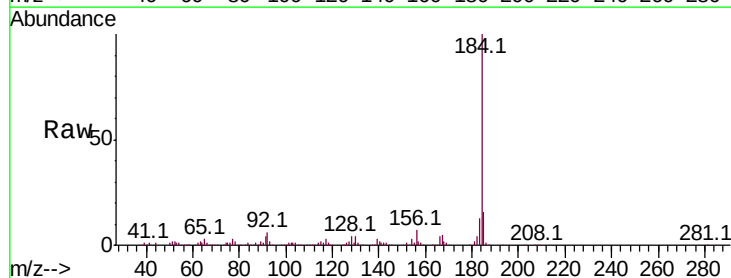
Tgt Ion:184 Resp: 505469

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

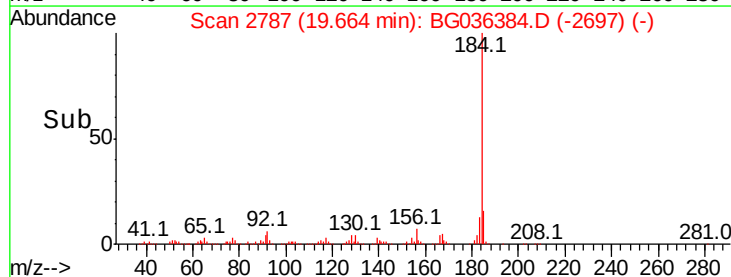
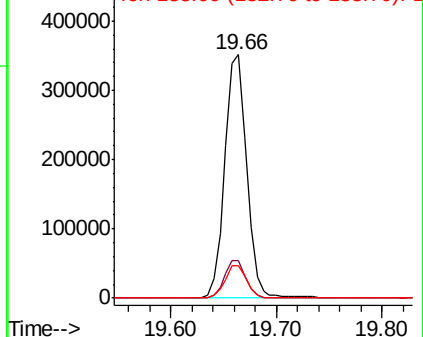
183 13.3 10.9 16.3

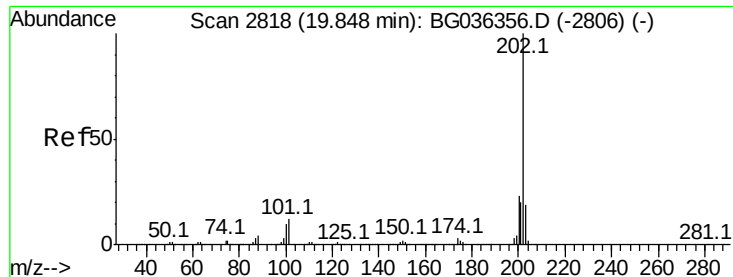


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.503 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

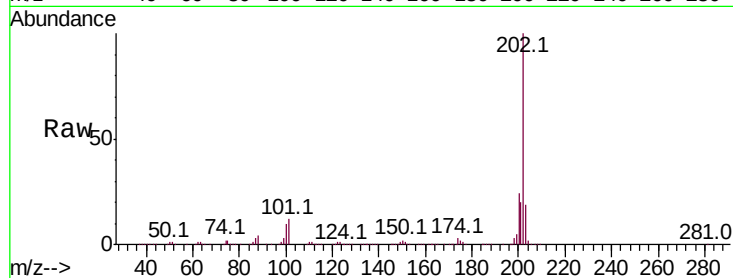
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 987992

Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.3	27.5
203	18.6	15.1	22.7

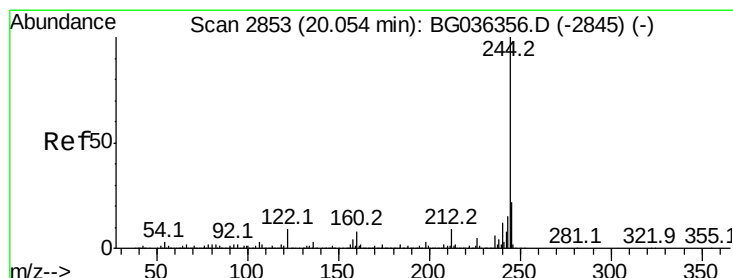
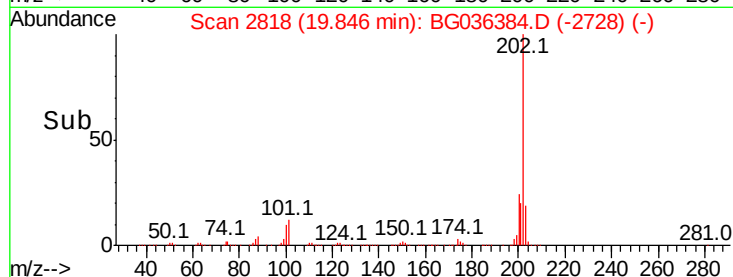
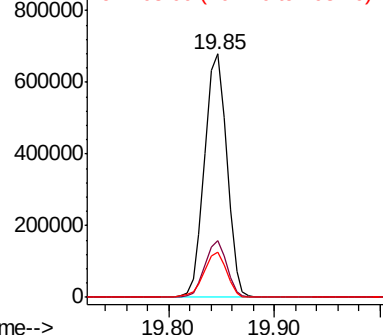


Abundance

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



#78

Terphenyl-d14

Concen: 70.480 ng

RT: 20.05 min Scan# 2852

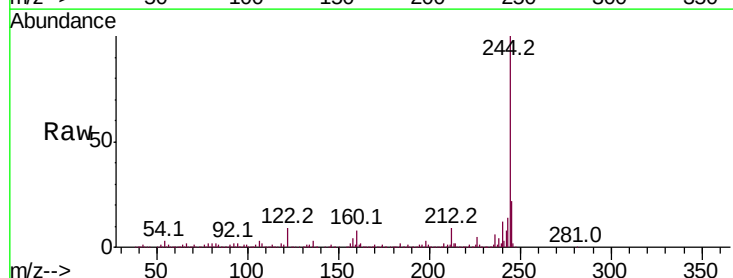
Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Tgt Ion:244 Resp: 1167311

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.0	7.1	10.7

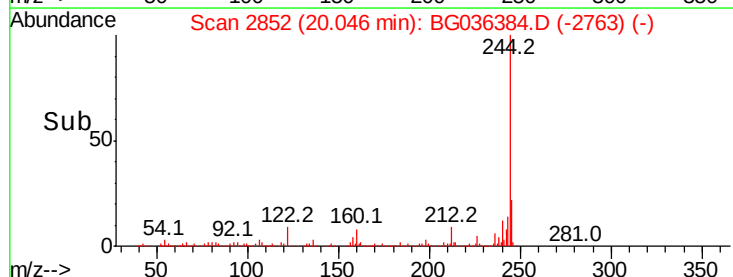
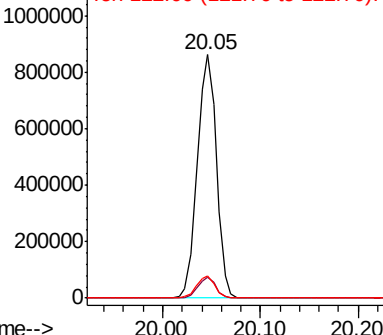


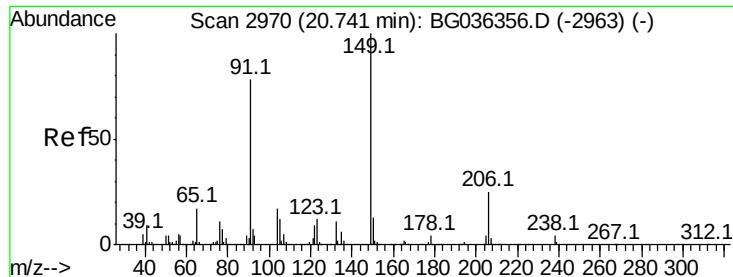
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

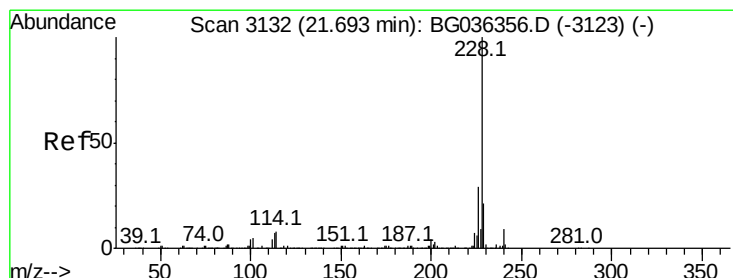
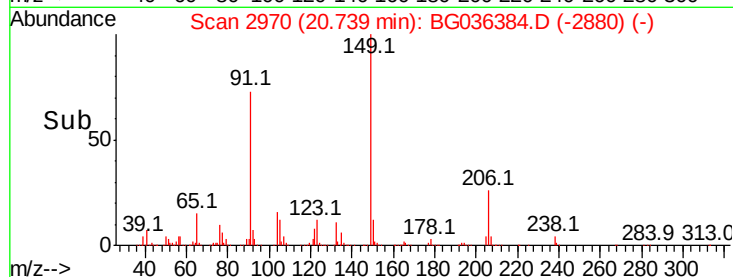
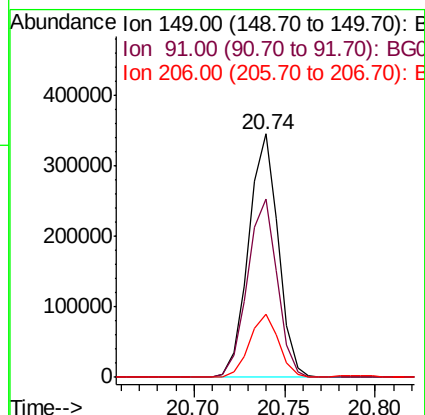
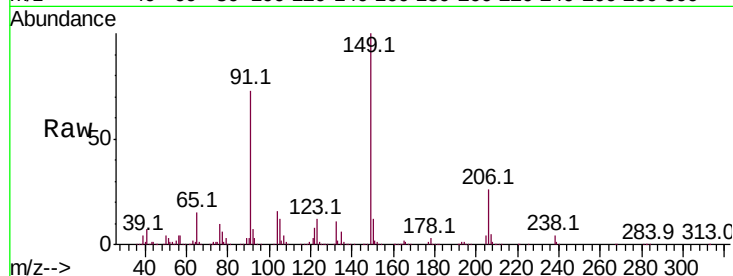




#79
Butylbenzylphthalate
Concen: 41.327 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

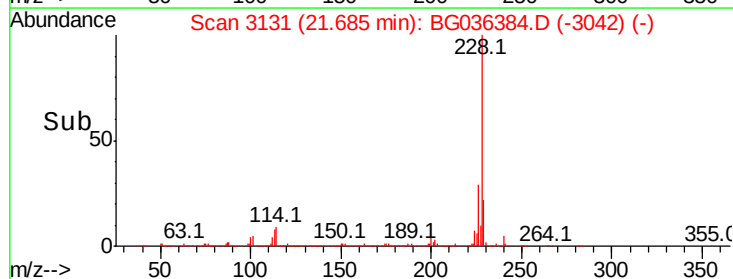
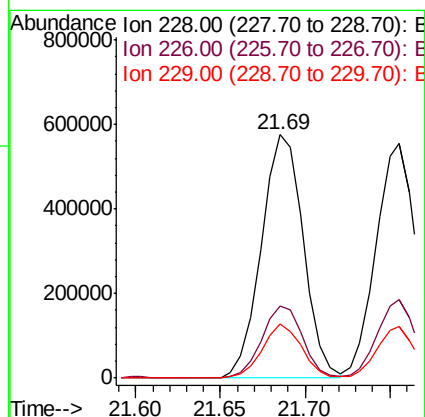
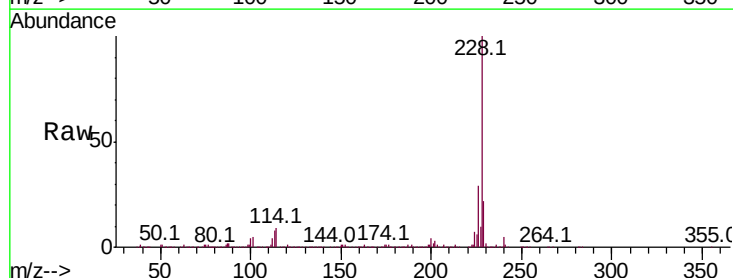
Instrument :
BNA_G
ClientSampleId :

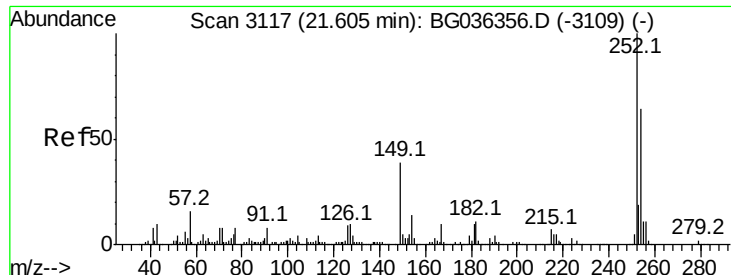
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.1	62.0	93.0
206	25.9	19.6	29.4



#80
Benzo(a)anthracene
Concen: 42.336 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	22.3	17.1	25.7

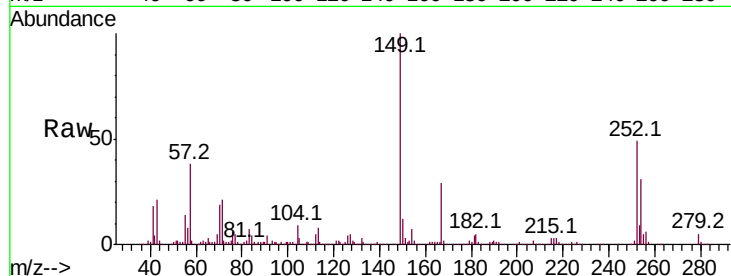




#81
 3,3'-Dichlorobenzidine
 Concen: 22.785 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.0	76.4
126	9.1	7.4	11.0

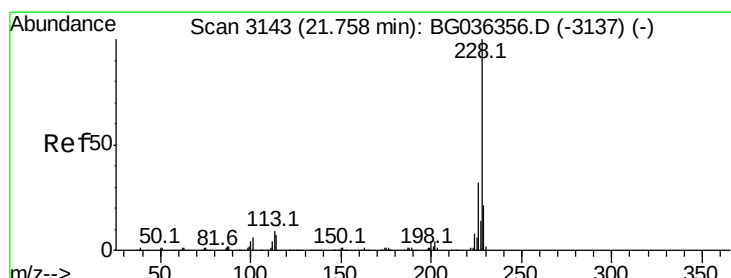
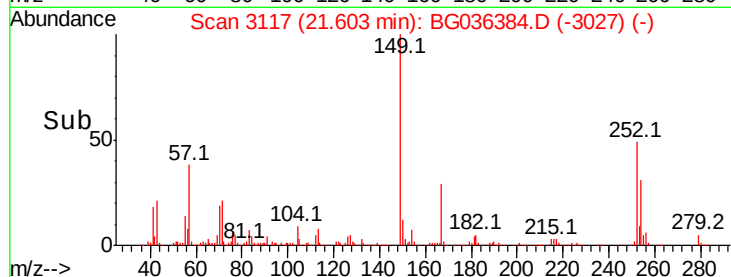
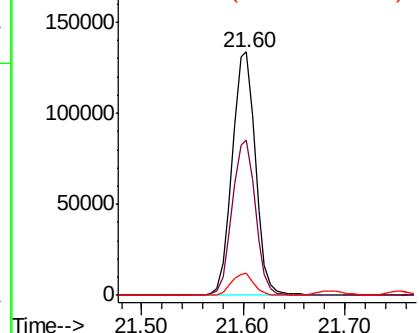


Abundance

Ion 252.00 (251.70 to 252.70): E

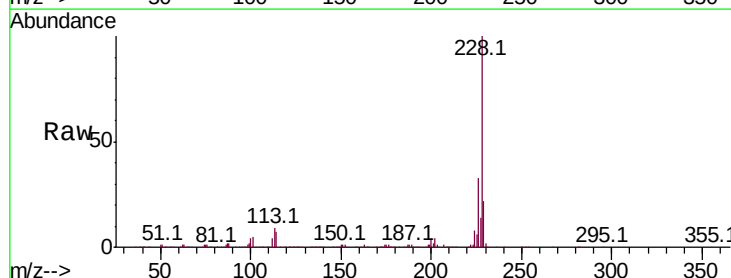
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 40.975 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG036384.D
 Acq: 23 Aug 2018 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.5	38.3
229	21.8	16.9	25.3

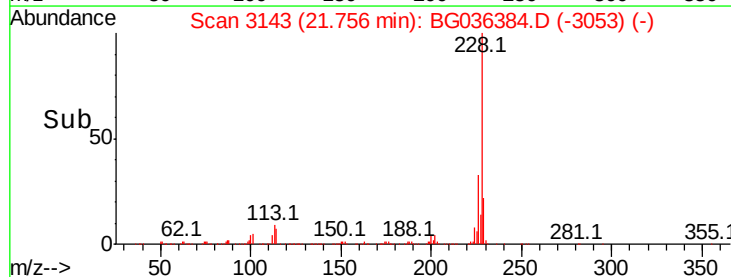
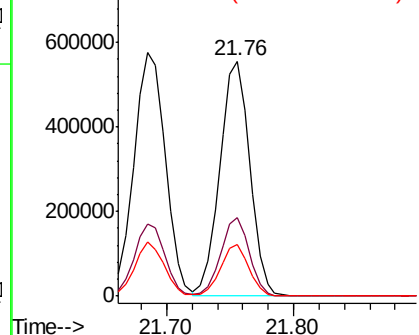


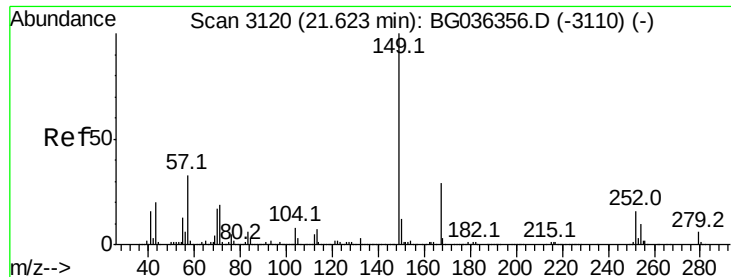
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.239 ng

RT: 21.61 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampled :

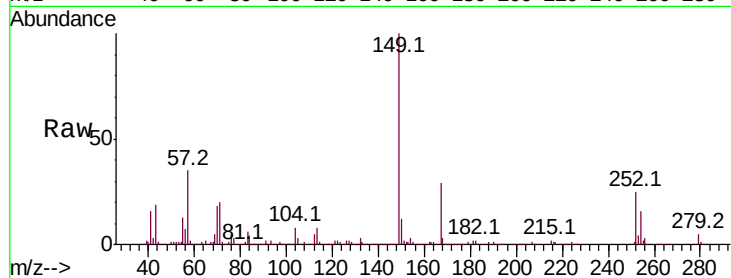
Tot Ion:149 Resp: 546717

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	5.2	4.6	7.0

149 100

167 29.2 23.4 35.0

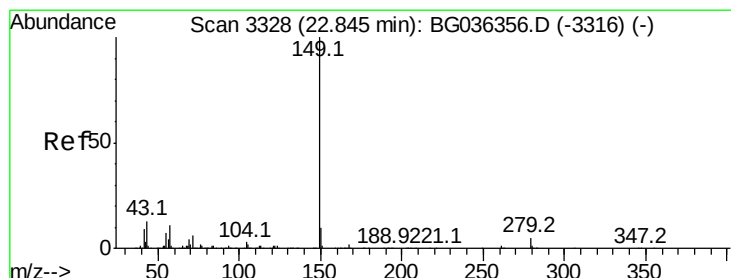
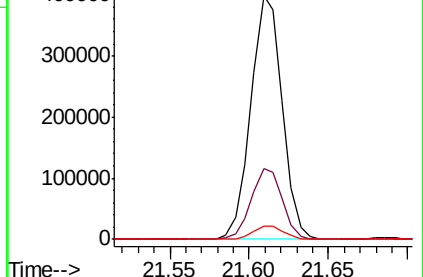
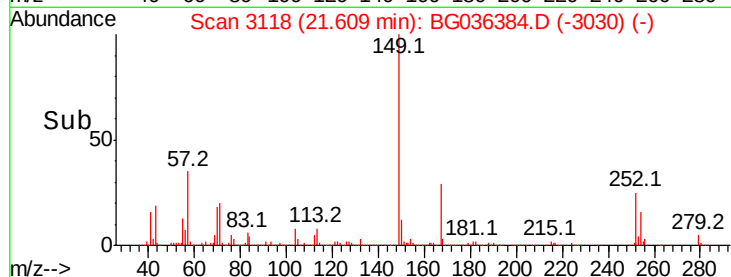
279 5.2 4.6 7.0



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



#84

Di-n-octyl phthalate

Concen: 42.397 ng

RT: 22.84 min Scan# 3327

Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

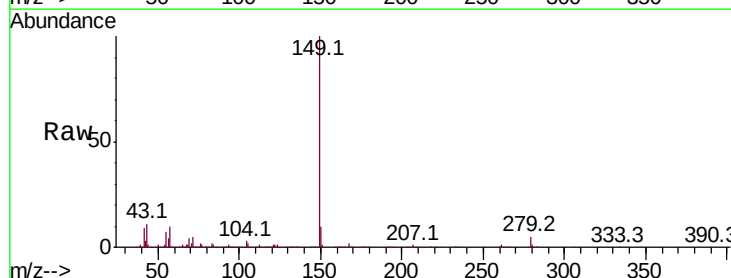
Tgt Ion:149 Resp: 938828

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.5	10.0	15.0

149 100

167 1.7 1.3 1.9

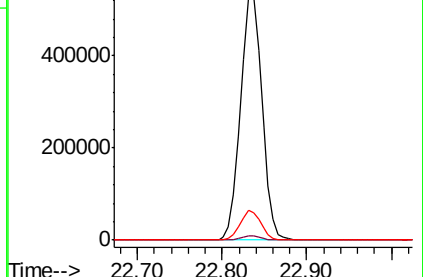
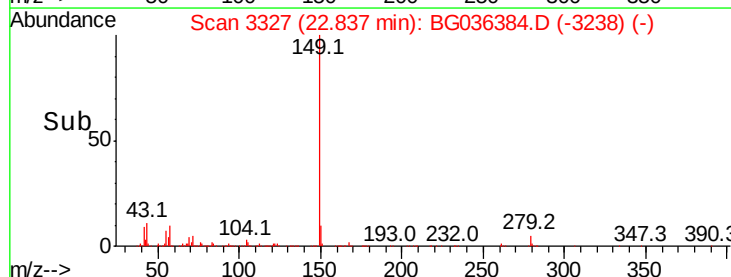
43 11.5 10.0 15.0

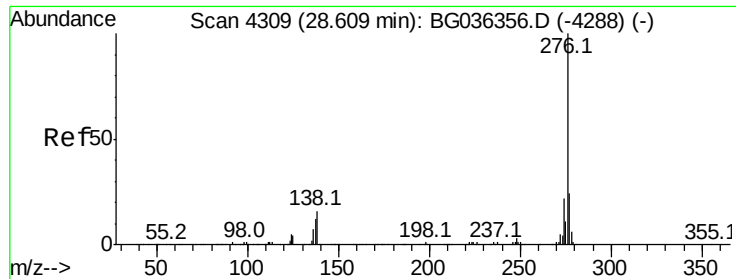


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

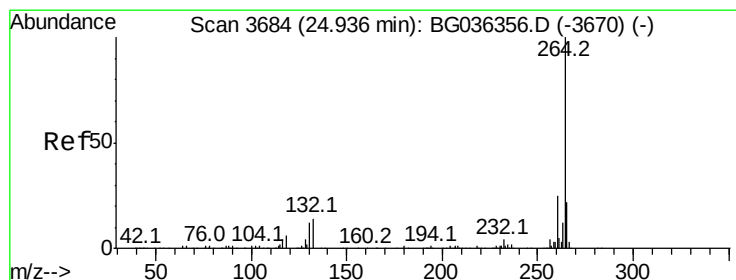
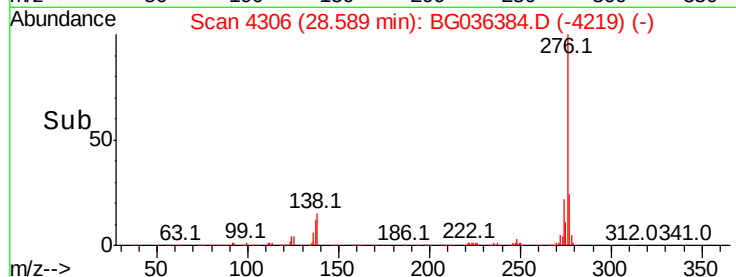
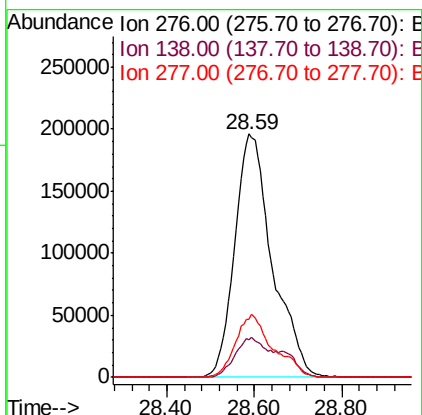
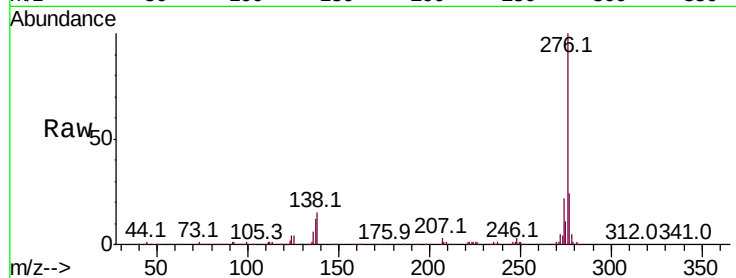




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.157 ng
RT: 28.59 min Scan# 4306
Delta R.T. -0.02 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

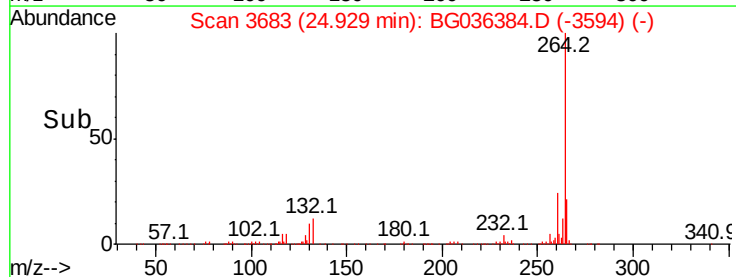
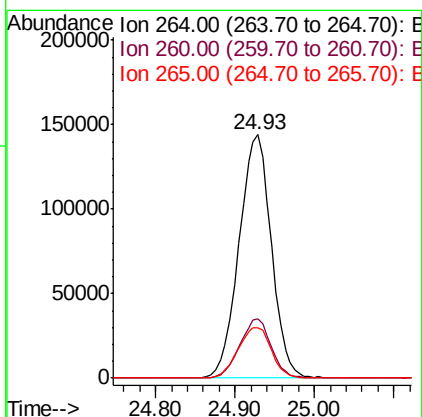
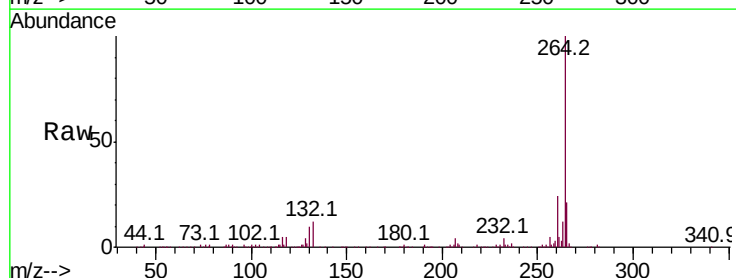
Instrument :
BNA_G
ClientSampled :

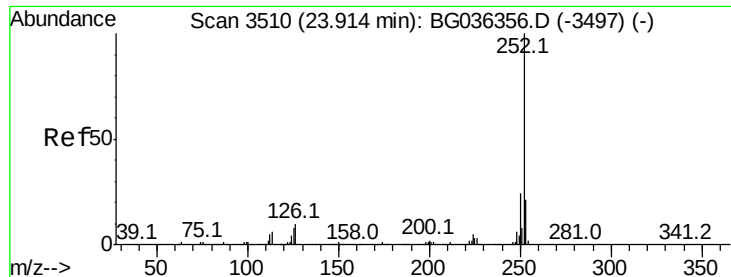
Tot Ion:276 Resp: 1140111
Ion Ratio Lower Upper
276 100
138 15.0 10.6 15.8
277 25.7 20.6 30.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3683
Delta R.T. -0.01 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Tgt Ion:264 Resp: 407427
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 20.8 17.4 26.0

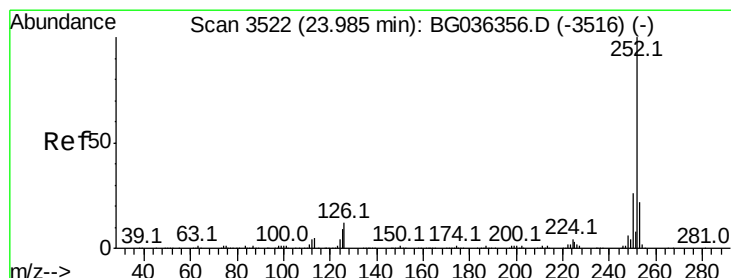
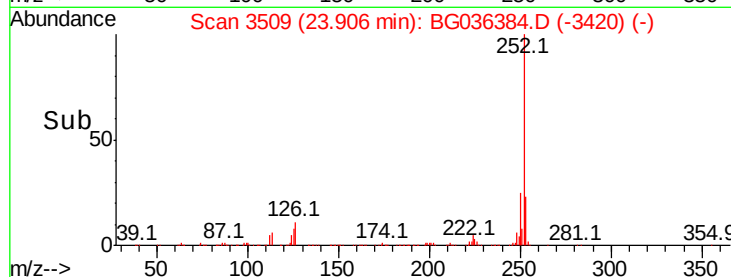
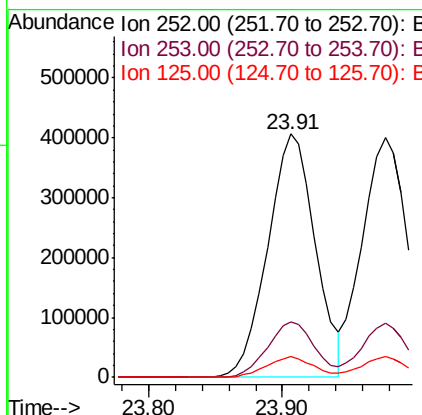
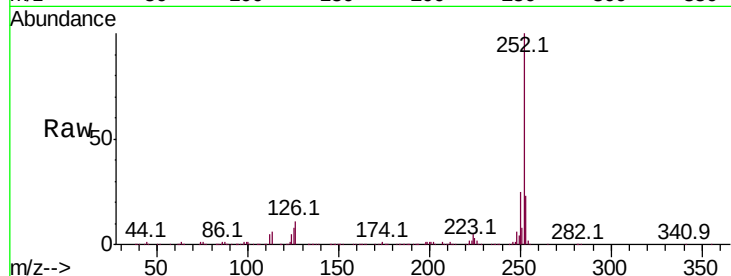




#87
Benzo(b)fluoranthene
Concen: 44.381 ng
RT: 23.91 min Scan# 3509
Delta R.T. -0.01 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

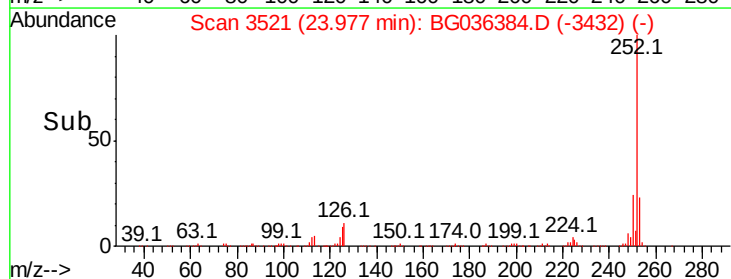
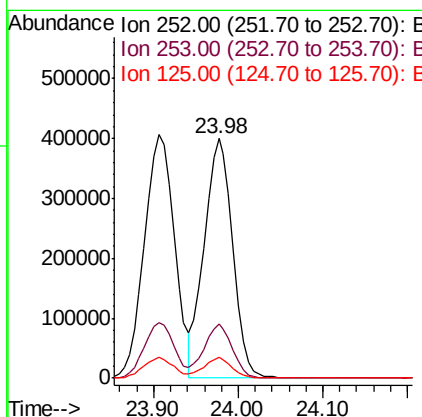
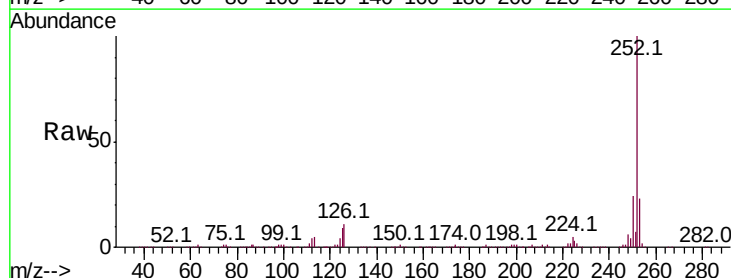
Instrument :
BNA_G
ClientSampleId :

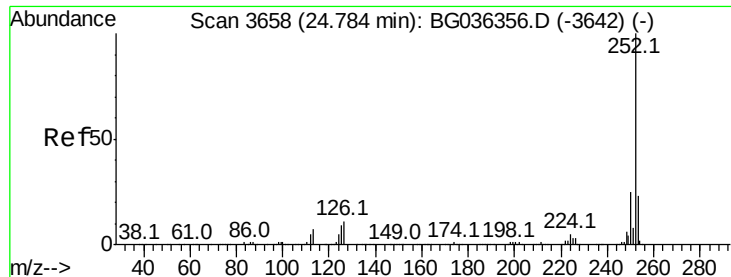
Tot Ion:252 Resp: 1004098
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 8.3 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 42.509 ng
RT: 23.98 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG036384.D
Acq: 23 Aug 2018 19:30

Tgt Ion:252 Resp: 939582
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 8.7 7.0 10.6





#89

Benzo(a)pyrene

Concen: 44.594 ng

RT: 24.78 min Scan# 3657

Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampleId :

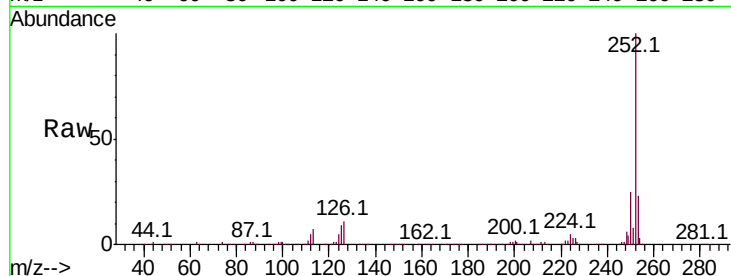
Tot Ion:252 Resp: 969508

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

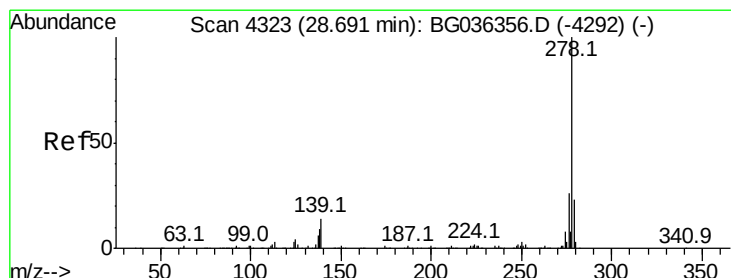
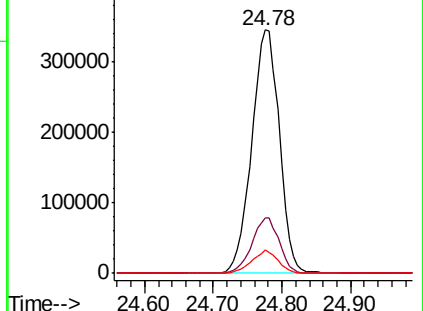
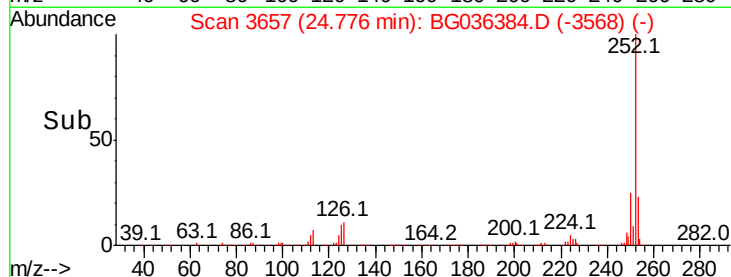
125 9.5 7.3 10.9



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

Dibenzo(a,h)anthracene

Concen: 44.022 ng

RT: 28.67 min Scan# 4319

Delta R.T. -0.03 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

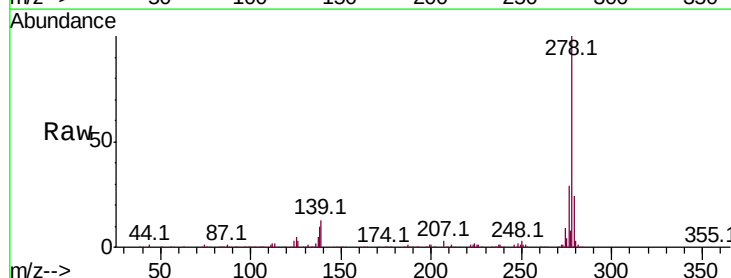
Tgt Ion:278 Resp: 923952

Ion Ratio Lower Upper

278 100

139 12.6 11.0 16.4

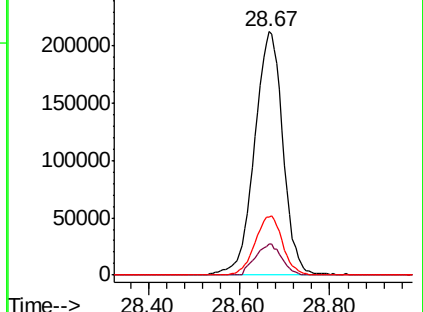
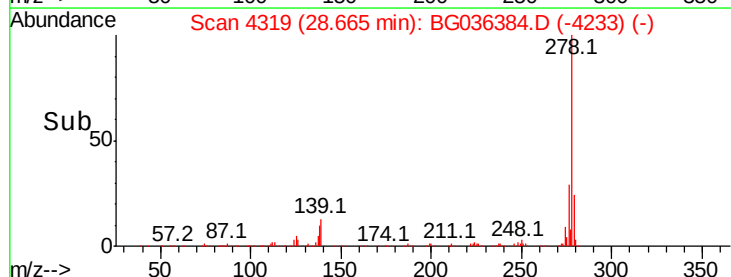
279 23.6 18.7 28.1

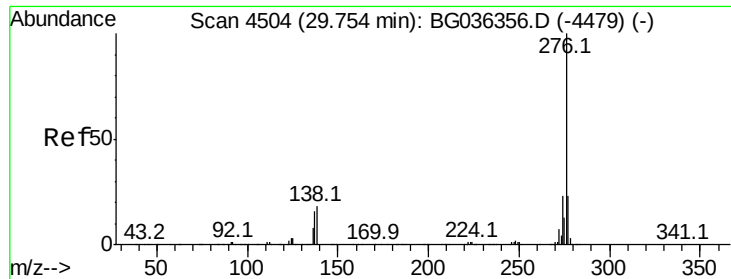


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.293 ng

RT: 29.74 min Scan# 4502

Delta R.T. -0.01 min

Lab File: BG036384.D

Acq: 23 Aug 2018 19:30

Instrument :

BNA_G

ClientSampleId :

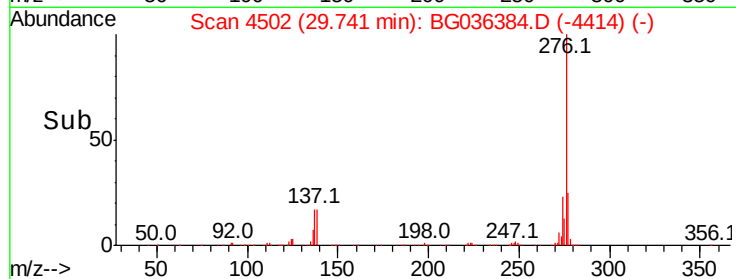
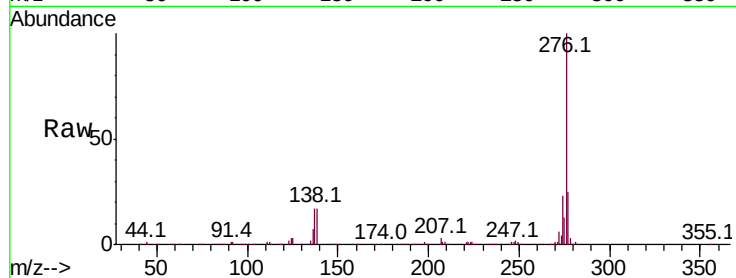
Tot Ion:276 Resp: 934201

Ion Ratio Lower Upper

276 100

277 25.1 18.4 27.6

138 17.0 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

250000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

200000

150000

100000

50000

0

29.60 29.74 29.80

Time-->