

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
 Data File : BG036047.D
 Acq On : 2 Aug 2018 00:28
 Operator : JU/SJ
 Sample : PB111535BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 02 08:24:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34785	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	133011	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	101013	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	267544	20.00	ng	0.00
75) Chrysene-d12	21.66	240	291344	20.00	ng	0.00
86) Perylene-d12	24.85	264	276260	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	258674	123.46	ng	0.00
7) Phenol-d6	7.19	99	372178	119.06	ng	0.00
23) Nitrobenzene-d5	9.19	82	244739	76.87	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	171994	129.18	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	581483	77.12	ng	0.00
78) Terphenyl-d14	19.99	244	1065045	80.58	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	30350	28.461	ng	# 74
3) Pyridine	3.91	79	82516	29.640	ng	# 80
4) n-Nitrosodimethylamine	3.83	42	35746	29.904	ng	# 79
6) Aniline	7.35	93	81552	20.128	ng	93
8) 2-Chlorophenol	7.59	128	83964	39.403	ng	94
9) Benzaldehyde	7.16	77	55899	29.144	ng	98
10) Phenol	7.22	94	123786	39.195	ng	93
11) bis(2-Chloroethyl)ether	7.44	93	85838	34.706	ng	88
12) 1,3-Dichlorobenzene	7.91	146	92430	35.919	ng	95
13) 1,4-Dichlorobenzene	8.06	146	95274	36.440	ng	96
14) 1,2-Dichlorobenzene	8.37	146	90354	35.973	ng	97
15) Benzyl Alcohol	8.26	79	96807	34.103	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.55	45	91713	44.230	ng	77
17) 2-Methylphenol	8.47	107	85196	39.677	ng	# 93
18) Hexachloroethane	9.10	117	35229	35.240	ng	# 83
19) n-Nitroso-di-n-propylamine	8.83	70	77965	29.618	ng	# 87
20) 3+4-Methylphenols	8.80	107	112358	37.719	ng	94
22) Acetophenone	8.84	105	146272	35.363	ng	# 89
24) Nitrobenzene	9.22	77	119698	37.381	ng	# 90
25) Isophorone	9.74	82	222578	37.657	ng	99
26) 2-Nitrophenol	9.94	139	48664	42.791	ng	# 85
27) 2,4-Dimethylphenol	10.00	122	87357	45.379	ng	88
28) bis(2-Chloroethoxy)methane	10.23	93	118273	36.315	ng	99
29) 2,4-Dichlorophenol	10.48	162	95870	43.628	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	107228	39.794	ng	95
31) Naphthalene	10.87	128	261830	37.789	ng	99
32) Benzoic acid	10.18	122	31097	23.996	ng	# 84
33) 4-Chloroaniline	10.99	127	37062	12.273	ng	# 92
34) Hexachlorobutadiene	11.15	225	81986	39.019	ng	90
35) Caprolactam	11.77	113	19724	20.916	ng	# 65
36) 4-Chloro-3-methylphenol	12.11	107	121587	41.279	ng	97
37) 2-Methylnaphthalene	12.48	142	206818	40.066	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	144289	37.846	ng	99
40) Hexachlorocyclopentadiene	12.82	237	173729	86.887	ng	90

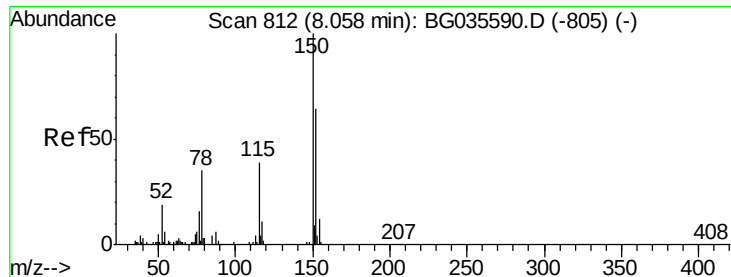
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	89877	40.311	ng	99
43) 2,4,5-Trichlorophenol	13.16	196	101390	40.649	ng	96
45) 1,1'-Biphenyl	13.48	154	288655	36.858	ng	97
46) 2-Chloronaphthalene	13.53	162	232465	38.161	ng	99
47) 2-Nitroaniline	13.73	65	75613	35.110	ng	90
48) Acenaphthylene	14.37	152	385478	37.776	ng	96
49) Dimethylphthalate	14.10	163	321408	36.316	ng	98
50) 2,6-Dinitrotoluene	14.22	165	72226	40.076	ng	94
51) Acenaphthene	14.71	154	221514	34.848	ng	100
52) 3-Nitroaniline	14.56	138	32361	17.568	ng	# 97
53) 2,4-Dinitrophenol	14.76	184	64184	70.139	ng	# 64
54) Dibenzofuran	15.04	168	375790	37.172	ng	95
55) 4-Nitrophenol	14.87	139	91209	69.529	ng	# 85
56) 2,4-Dinitrotoluene	15.01	165	105122	40.657	ng	# 88
57) Fluorene	15.69	166	311648	36.781	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	99295	41.520	ng	94
59) Diethylphthalate	15.46	149	319127	35.068	ng	99
60) 4-Chlorophenyl-phenylether	15.68	204	184467	37.041	ng	97
61) 4-Nitroaniline	15.72	138	70978	36.837	ng	87
62) Azobenzene	15.98	77	321731	35.842	ng	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	60553	40.658	ng	81
65) n-Nitrosodiphenylamine	15.90	169	278427	36.562	ng	99
66) 4-Bromophenyl-phenylether	16.58	248	122279	39.394	ng	98
67) Hexachlorobenzene	16.70	284	127234	39.804	ng	94
68) Atrazine	16.85	200	126773	40.432	ng	97
69) Pentachlorophenol	17.05	266	112969	58.023	ng	98
70) Phenanthrene	17.43	178	514074	38.507	ng	98
71) Anthracene	17.52	178	514928	38.737	ng	98
72) Carbazole	17.80	167	467295	37.016	ng	98
73) Di-n-butylphthalate	18.34	149	533517	35.763	ng	# 97
74) Fluoranthene	19.44	202	667207	37.104	ng	98
76) Benzidine	19.62	184	147490	19.256	ng	98
77) Pyrene	19.80	202	675347	36.660	ng	97
79) Butylbenzylphthalate	20.68	149	252213	38.285	ng	95
80) Benzo(a)anthracene	21.63	228	697545	38.420	ng	98
81) 3,3'-Dichlorobenzidine	21.55	252	141636	22.373	ng	# 97
82) Chrysene	21.70	228	656225	39.004	ng	98
83) Bis(2-ethylhexyl)phthalate	21.53	149	352393	39.347	ng	# 98
84) Di-n-octyl phthalate	22.73	149	602538	40.180	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.49	276	728449	39.107	ng	# 88
87) Benzo(b)fluoranthene	23.84	252	656672	39.109	ng	# 96
88) Benzo(k)fluoranthene	23.90	252	641681	39.090	ng	# 95
89) Benzo(a)pyrene	24.70	252	641164	41.045	ng	# 96
90) Dibenzo(a,h)anthracene	28.55	278	615610	40.142	ng	# 96
91) Benzo(g,h,i)perylene	29.62	276	609235	40.597	ng	# 94

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

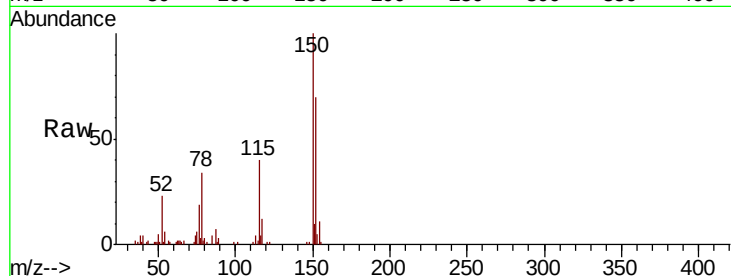


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	34785
Ion Ratio	Lower	Upper	
152	100		
150	142.8	126.6	189.8
115	57.7	53.0	79.4

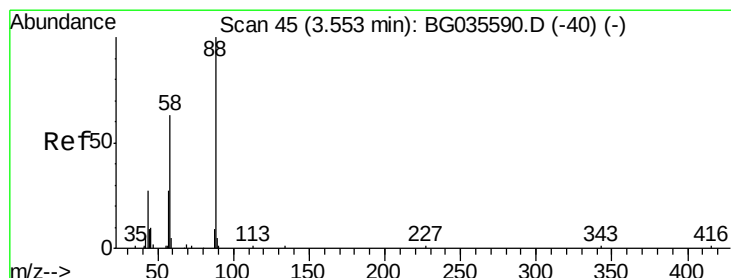
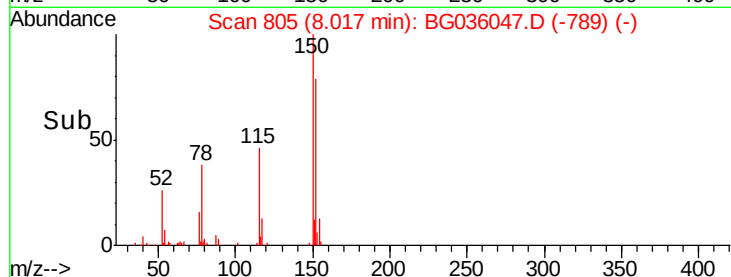
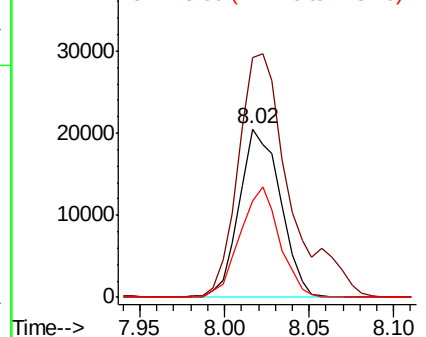


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

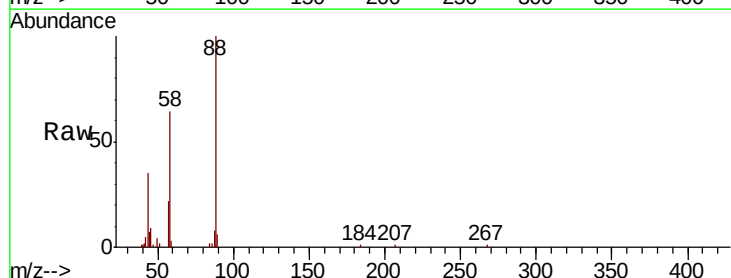
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.461 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

Tgt Ion	88	Resp	30350
Ion Ratio	Lower	Upper	
88	100		
58	67.7	79.6	119.4#
43	28.8	27.4	41.0

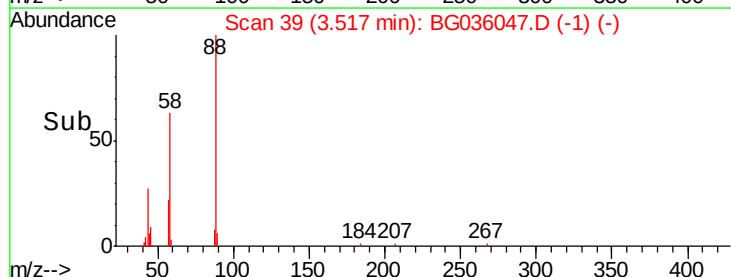
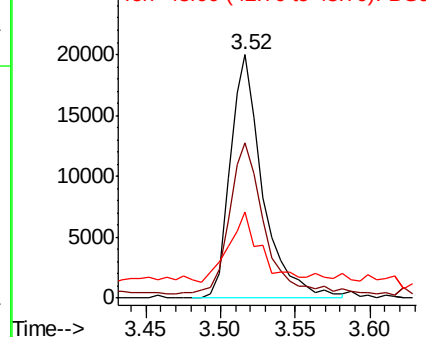


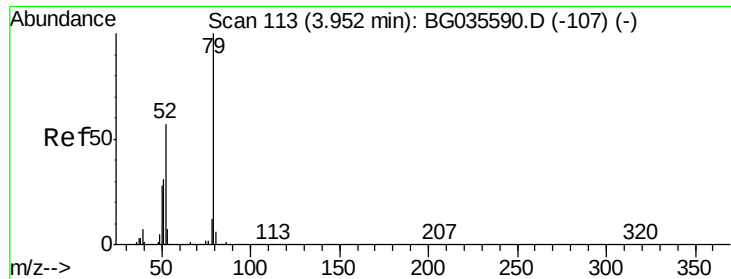
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.640 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampleId :

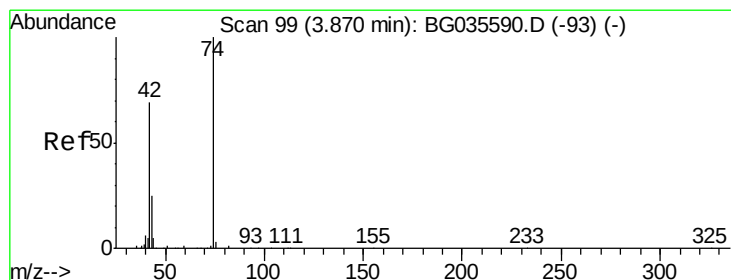
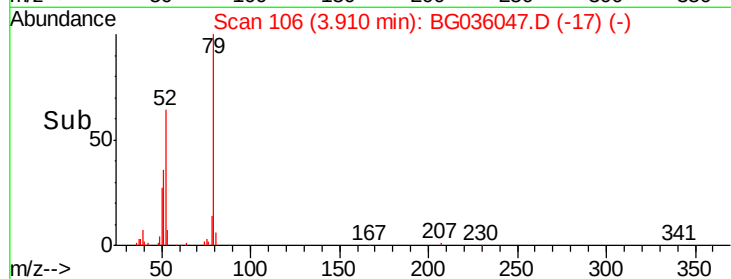
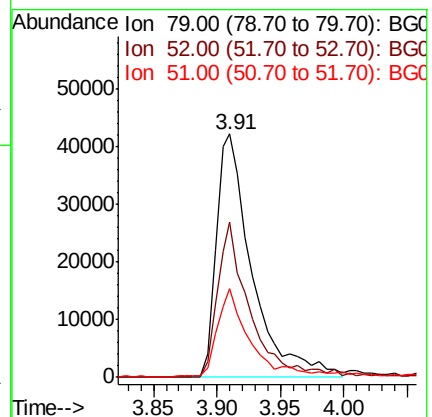
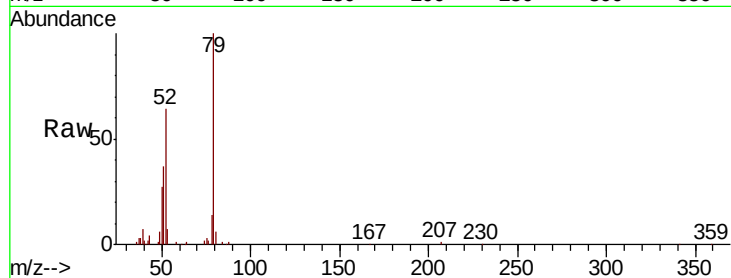
Tot Ion: 79 Resp: 82516

Ion Ratio Lower Upper

79 100

52 63.7 69.9 104.9#

51 36.7 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 29.904 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

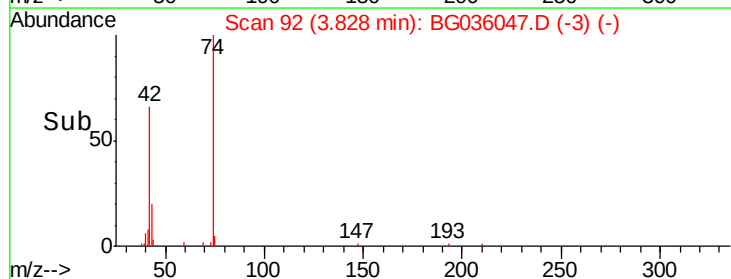
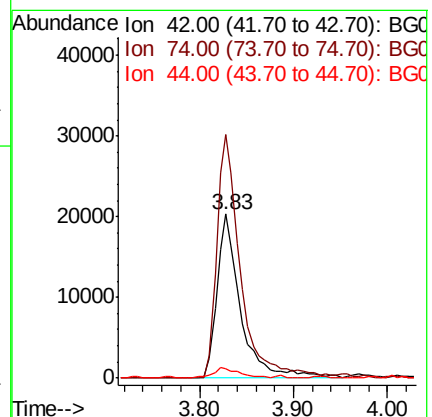
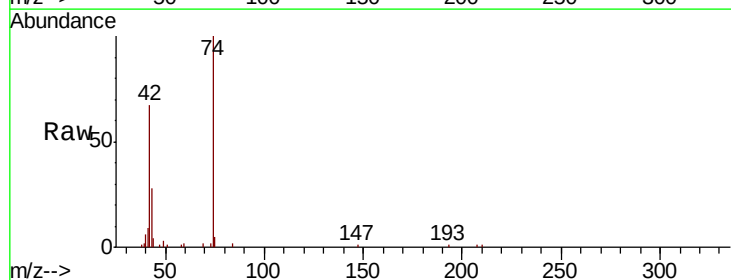
Tgt Ion: 42 Resp: 35746

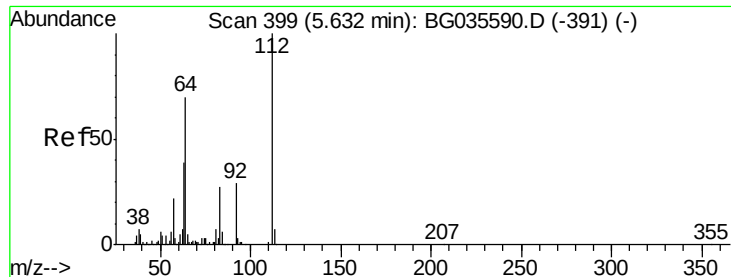
Ion Ratio Lower Upper

42 100

74 148.8 102.5 153.7

44 5.5 18.9 28.3#





#5

2-Fluorophenol

Concen: 123.461 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampled :

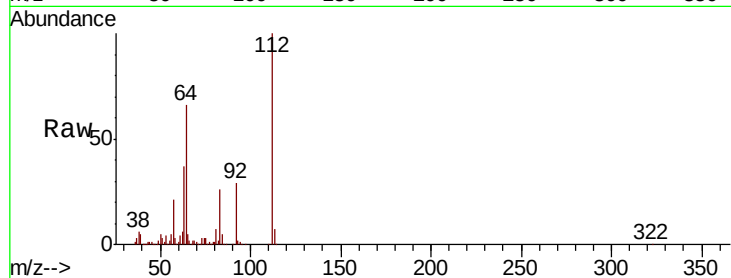
Tot Ion:112 Resp: 258674

Ion Ratio Lower Upper

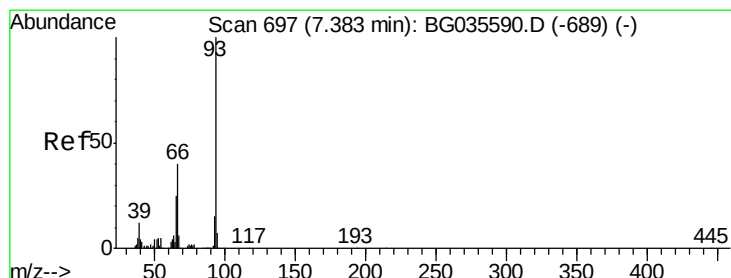
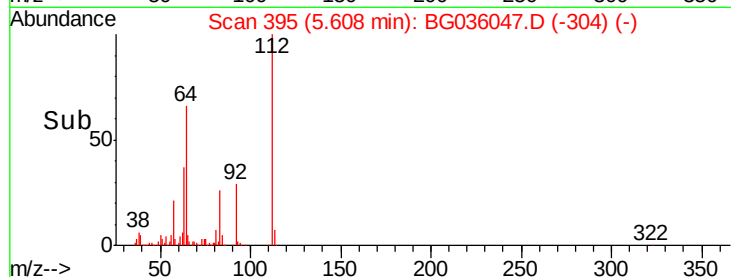
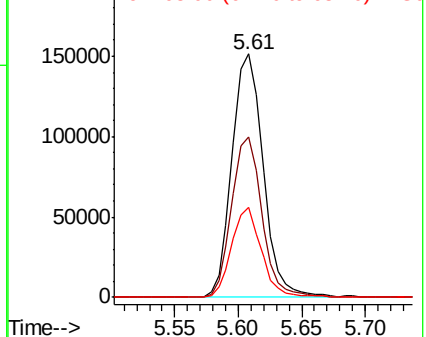
112 100

64 65.9 56.3 84.5

63 36.9 30.1 45.1



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: 20.128 ng

RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

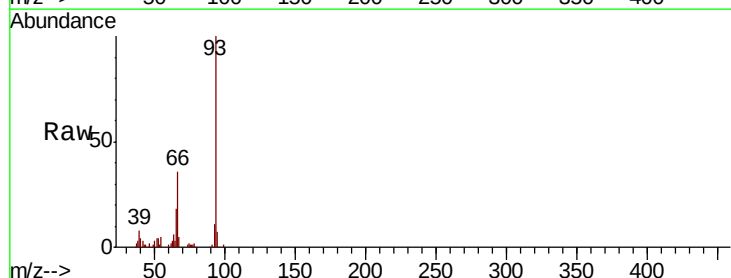
Tgt Ion: 93 Resp: 81552

Ion Ratio Lower Upper

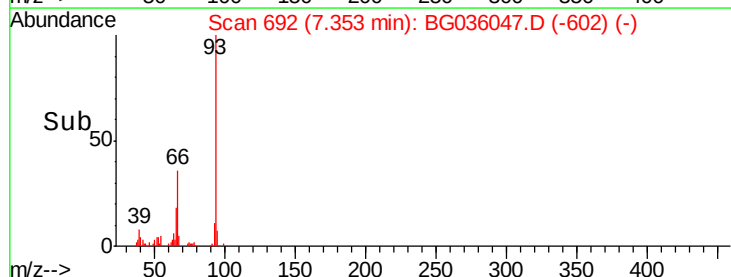
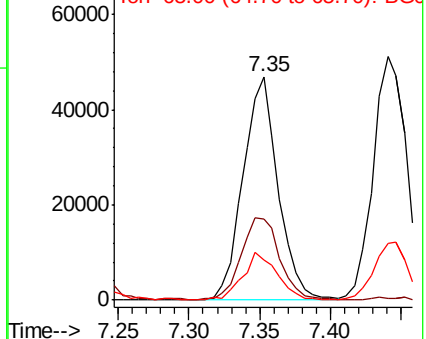
93 100

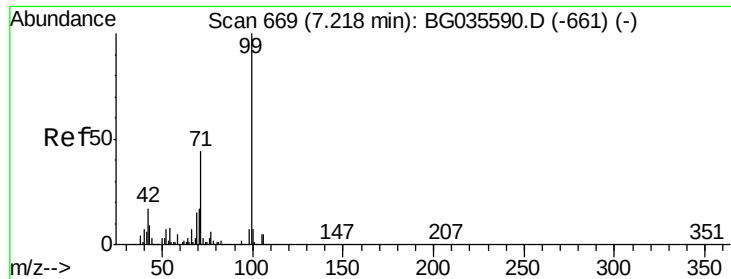
66 36.4 33.7 50.5

65 18.1 16.1 24.1



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: 119.059 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampled :

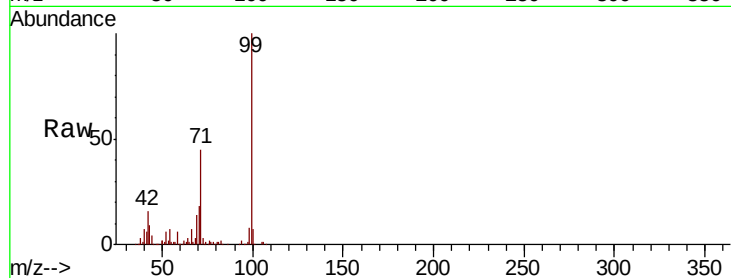
Tot Ion: 99 Resp: 372178

Ion Ratio Lower Upper

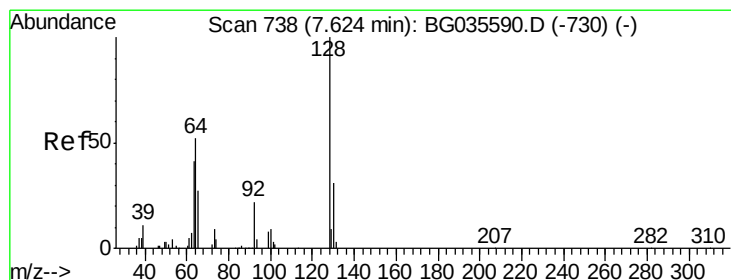
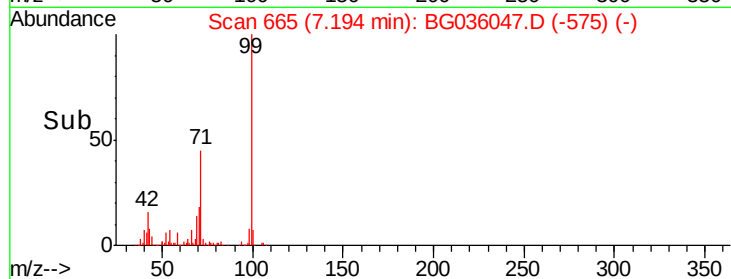
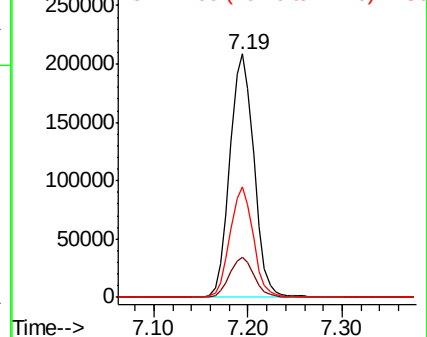
99 100

42 16.3 14.1 21.1

71 45.3 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 39.403 ng

RT: 7.59 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

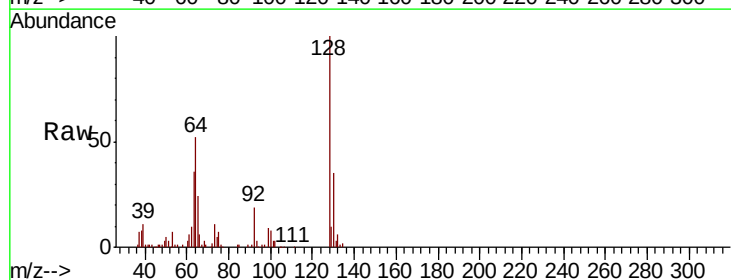
Tgt Ion:128 Resp: 83964

Ion Ratio Lower Upper

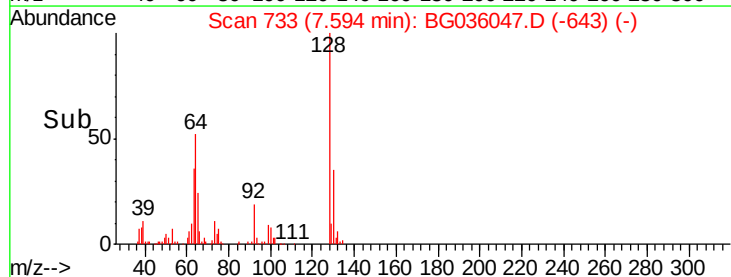
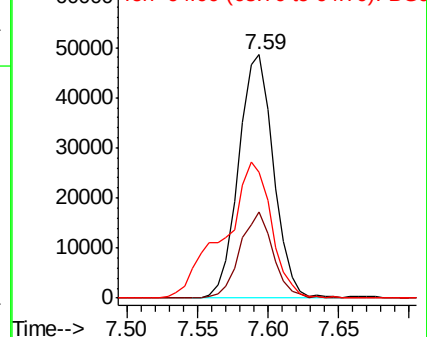
128 100

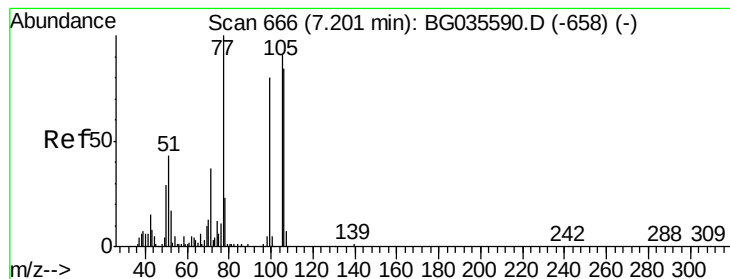
130 35.2 14.0 54.0

64 51.5 37.7 77.7



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: 29.144 ng

RT: 7.16 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampleId :

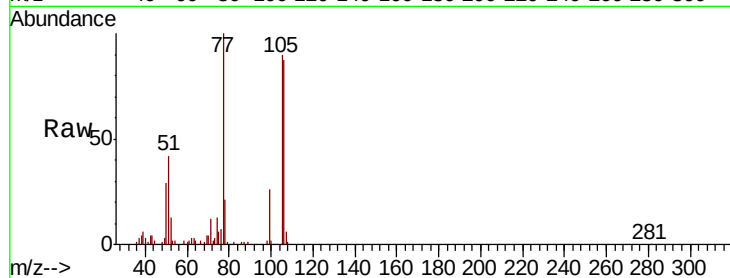
Tot Ion: 77 Resp: 55899

Ion Ratio Lower Upper

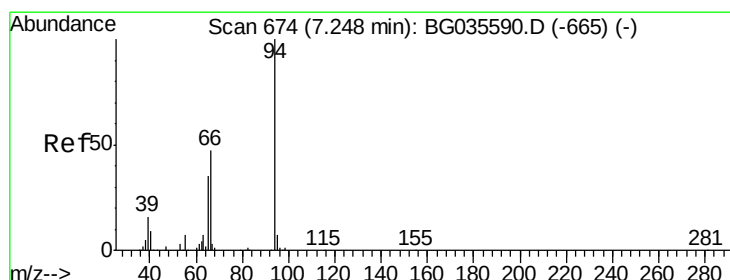
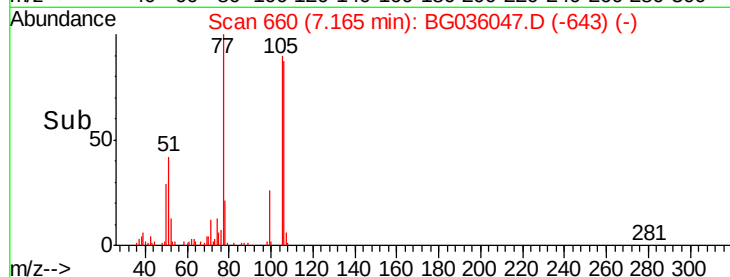
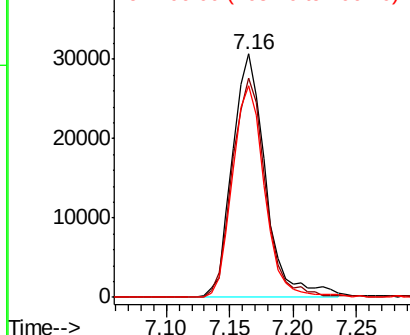
77 100

105 89.9 71.3 111.3

106 86.7 64.2 104.2



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: 39.195 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

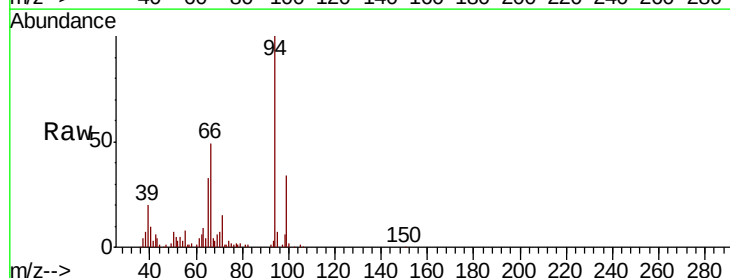
Tgt Ion: 94 Resp: 123786

Ion Ratio Lower Upper

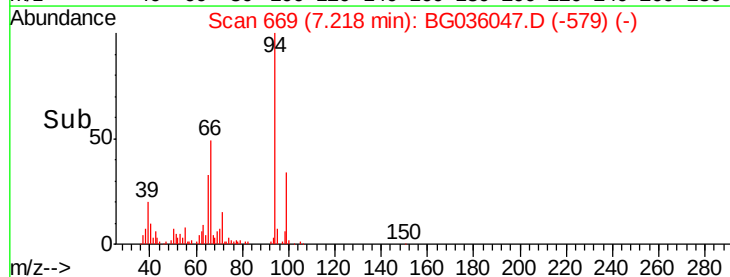
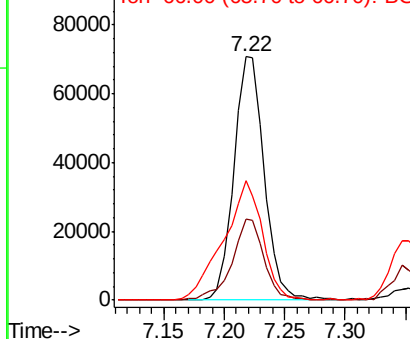
94 100

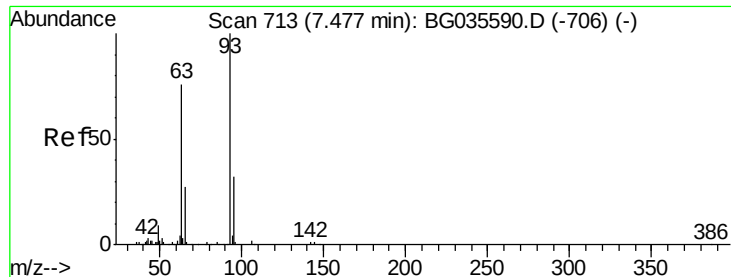
65 33.2 11.9 51.9

66 49.1 22.2 62.2



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

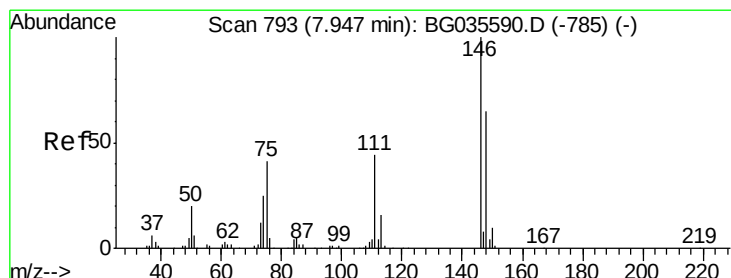
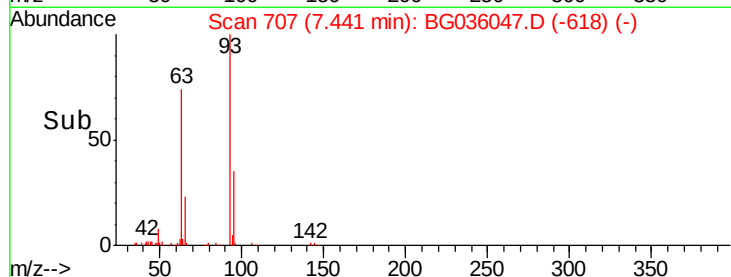
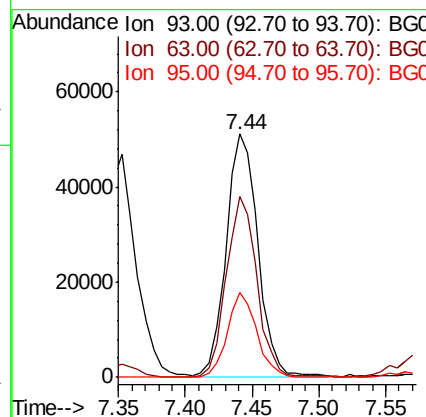
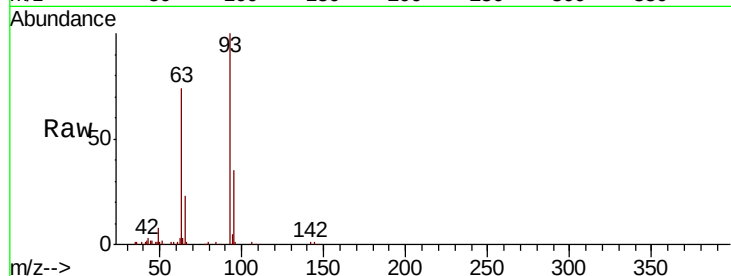




#11
bis(2-Chloroethyl)ether
Concen: 34.706 ng
RT: 7.44 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

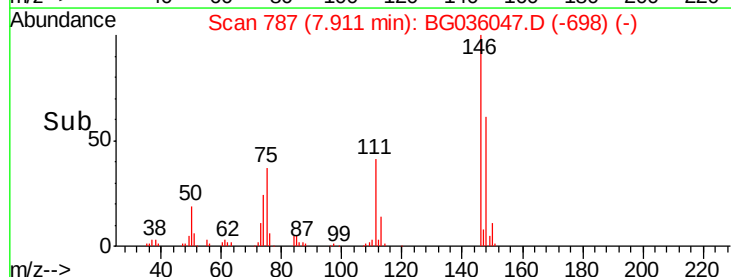
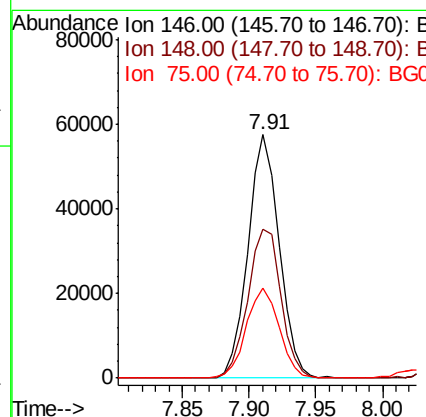
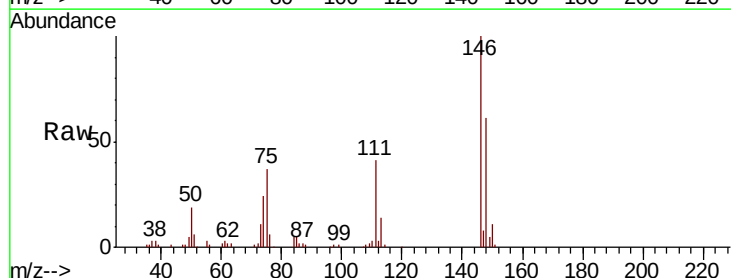
Instrument :
BNA_G
ClientSampleId :

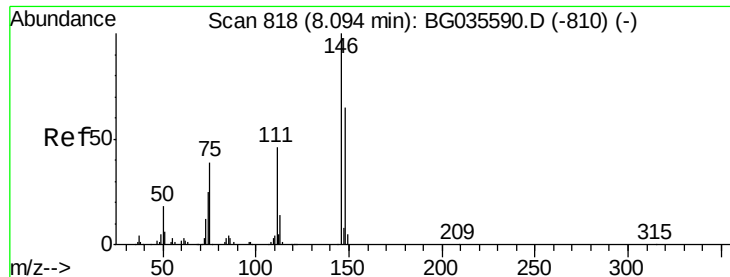
Tot Ion	93	Resp	85838
Ion Ratio	Lower	Upper	
93	100		
63	74.4	67.1	107.1
95	35.1	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 35.919 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.01 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

Tgt Ion	146	Resp	92430
Ion Ratio	Lower	Upper	
146	100		
148	61.1	51.4	77.2
75	37.2	26.6	39.8

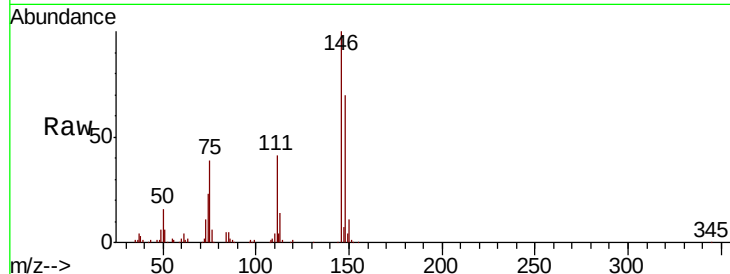




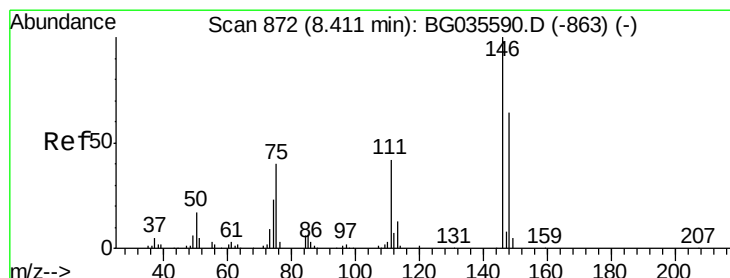
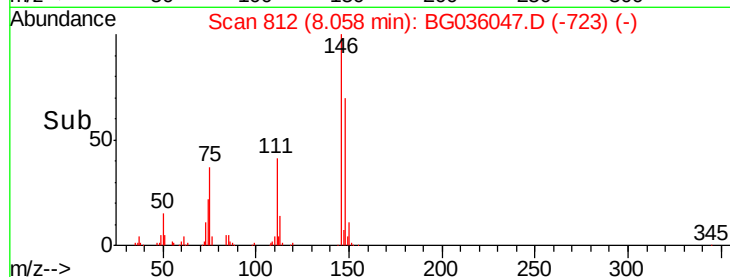
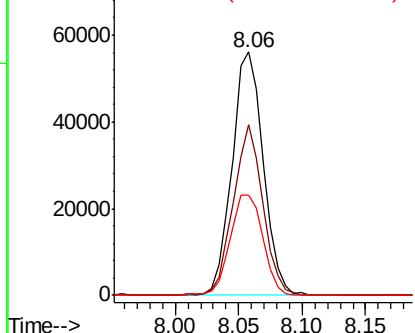
#13
 1,4-Dichlorobenzene
 Concen: 36.440 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 95274
 Ion Ratio Lower Upper
 146 100
 148 70.3 53.7 80.5
 111 41.0 35.2 52.8

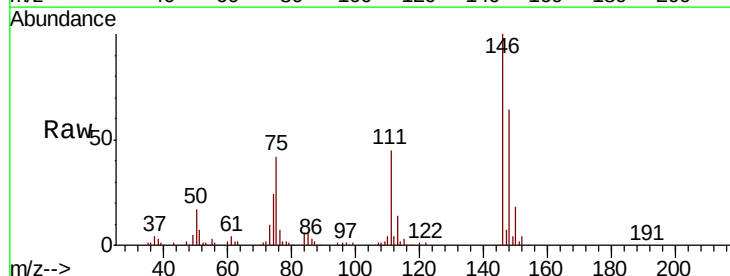


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

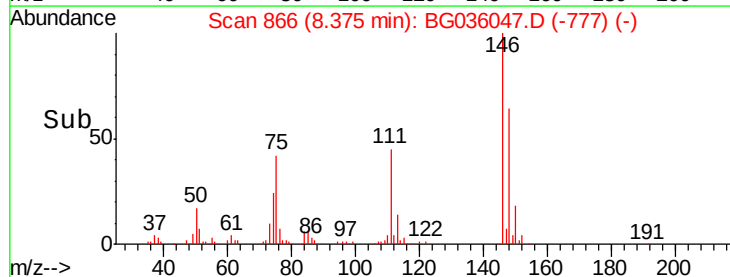
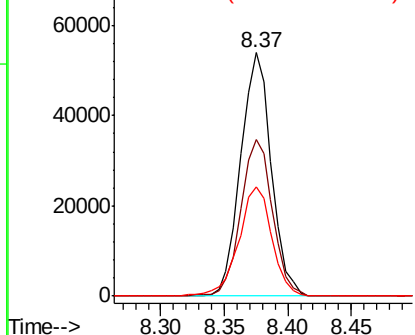


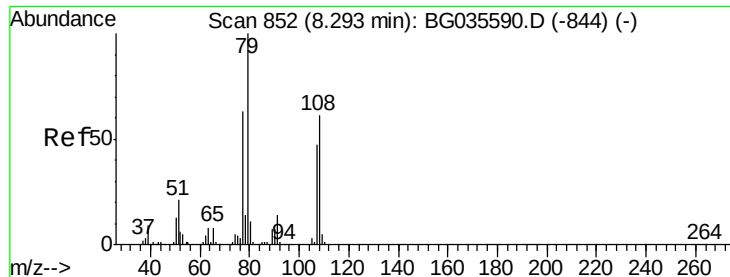
#14
 1,2-Dichlorobenzene
 Concen: 35.973 ng
 RT: 8.37 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Tgt Ion:146 Resp: 90354
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.3 73.9
 111 45.0 34.3 51.5



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: 34.103 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG036047.D

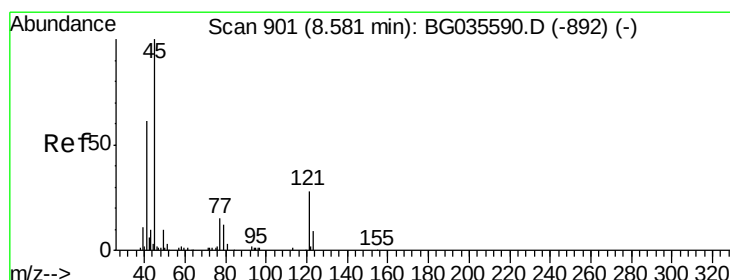
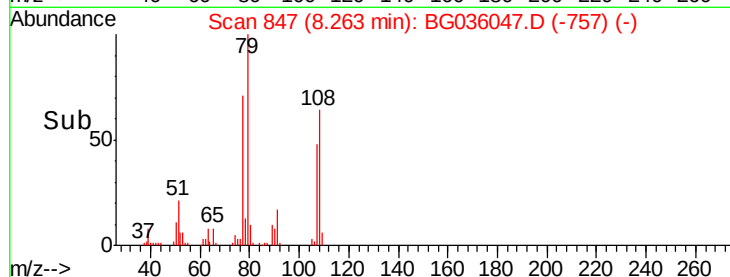
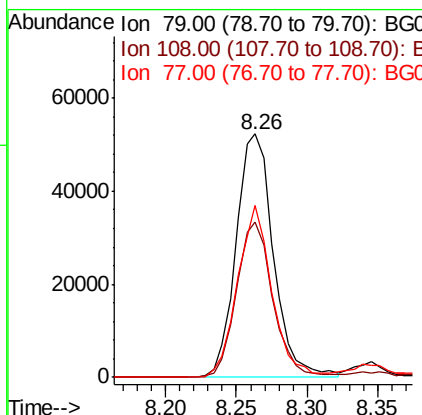
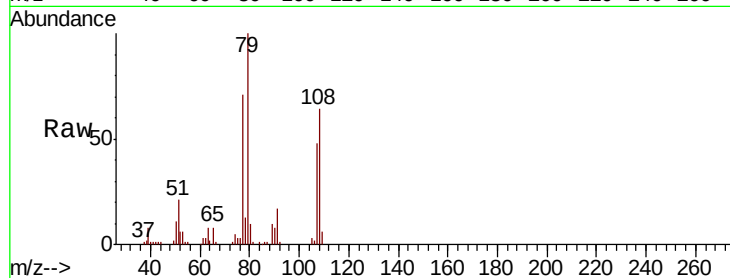
Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampled :

Tot Ion:	79	Resp:	96807
Ion	Ratio	Lower	Upper
79	100		
108	63.7	57.2	85.8
77	70.8	46.1	69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.230 ng

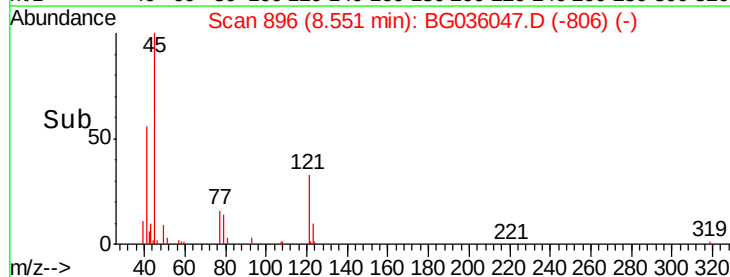
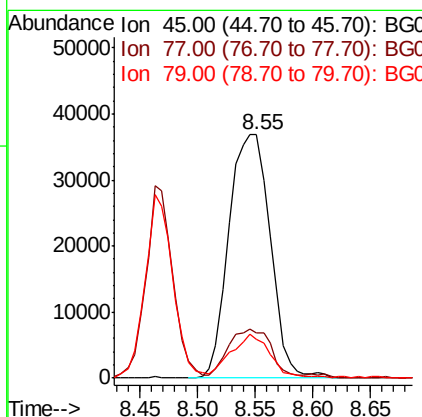
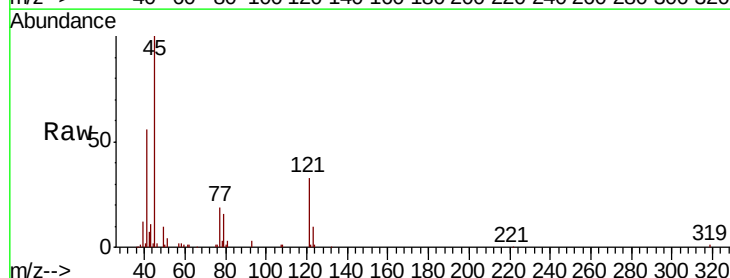
RT: 8.55 min Scan# 896

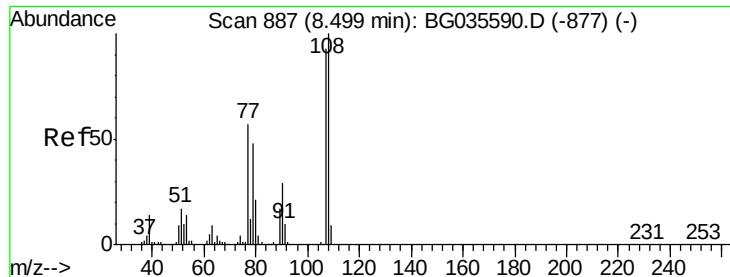
Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Tgt Ion:	45	Resp:	91713
Ion	Ratio	Lower	Upper
45	100		
77	18.6	0.0	30.2
79	16.2	0.0	27.9





#17

2-Methylphenol

Concen: 39.677 ng

RT: 8.47 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG036047.D

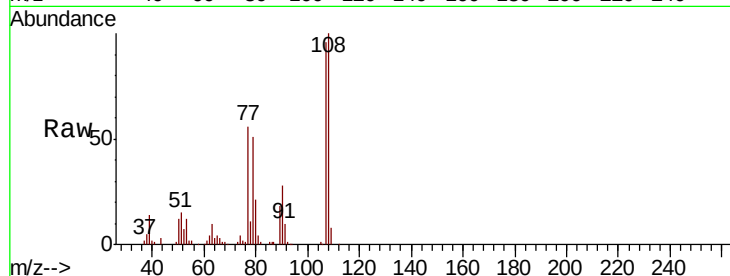
Acq: 2 Aug 2018 00:28

Instrument :

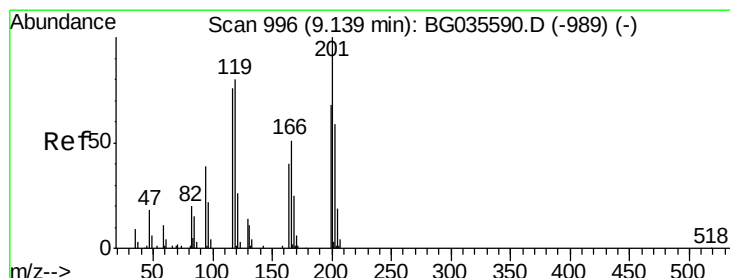
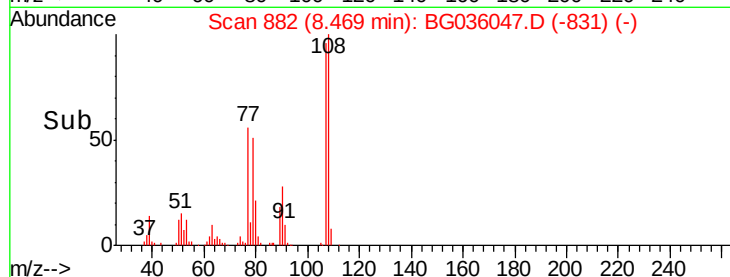
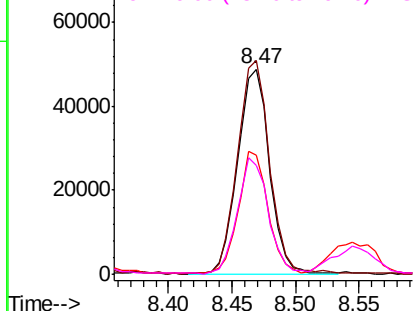
BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	85196
Ion	Ratio	Lower	Upper
107	100		
108	104.3	83.9	125.9
77	58.3	37.2	55.8#
79	53.4	36.2	54.2



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: 35.240 ng

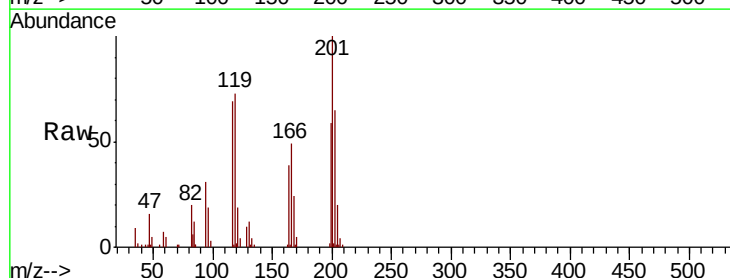
RT: 9.10 min Scan# 990

Delta R.T. -0.00 min

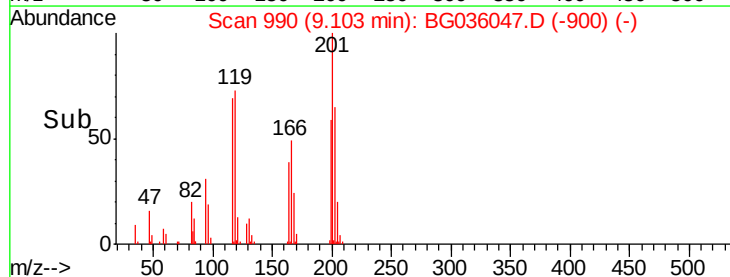
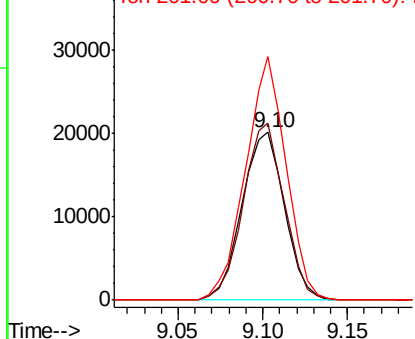
Lab File: BG036047.D

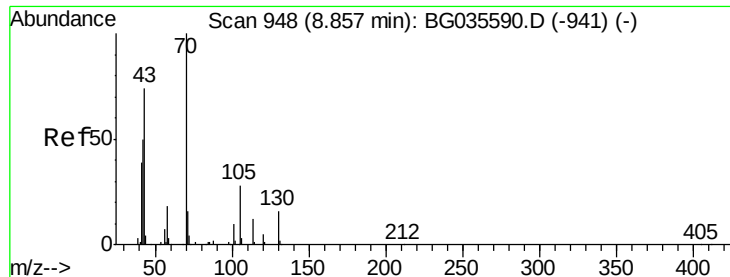
Acq: 2 Aug 2018 00:28

Tgt Ion:	117	Resp:	35229
Ion	Ratio	Lower	Upper
117	100		
119	105.7	76.7	115.1
201	145.0	95.7	143.5#



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

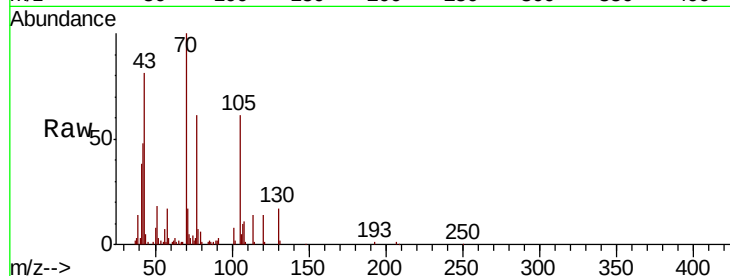




#19
 n-Nitroso-di-n-propylamine
 Concen: 29.618 ng
 RT: 8.83 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.1	49.1	73.7#	
101	8.5	8.5	12.7#	
130	17.1	13.4	20.0	



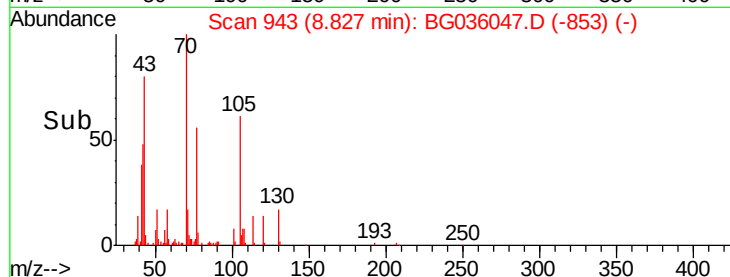
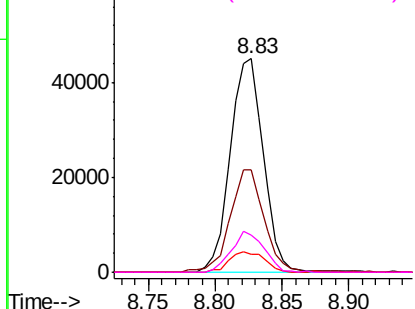
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
 3+4-Methylphenols
 Concen: 37.719 ng
 RT: 8.80 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.5	61.6	101.6	
77	39.0	13.9	53.9	
79	35.7	8.8	48.8	

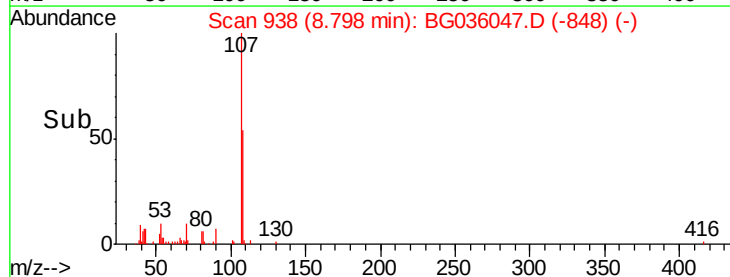
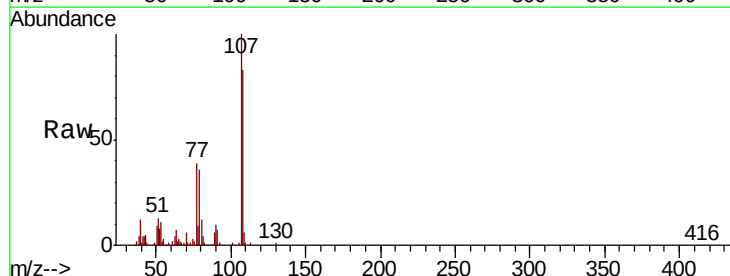
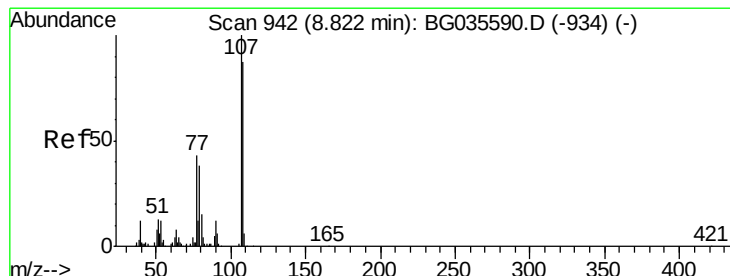
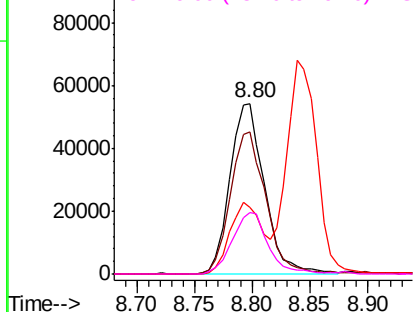
Abundance

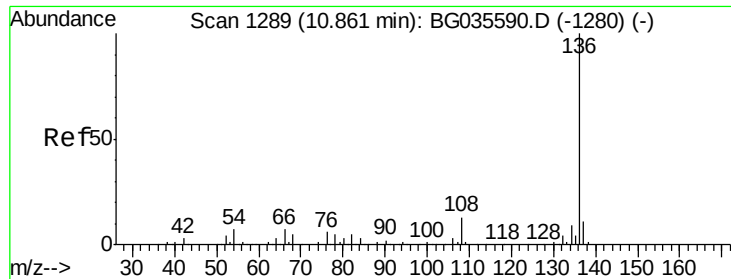
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 133011

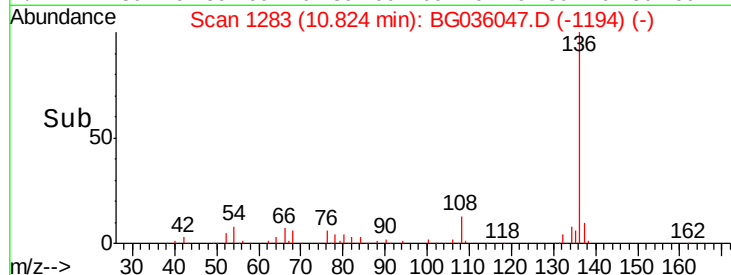
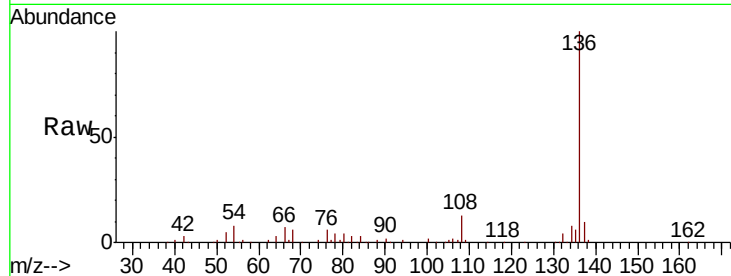
Ion Ratio Lower Upper

136 100

137 9.9 9.2 13.8

54 8.2 10.3 15.5#

68 6.1 4.5 6.7

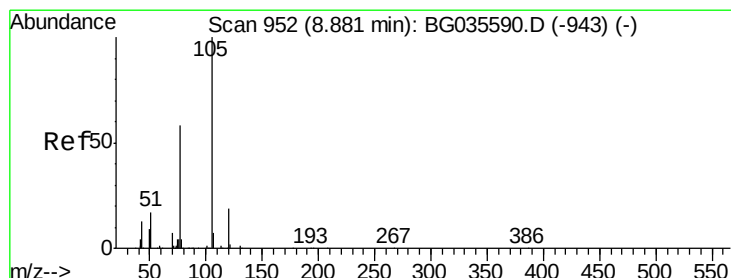
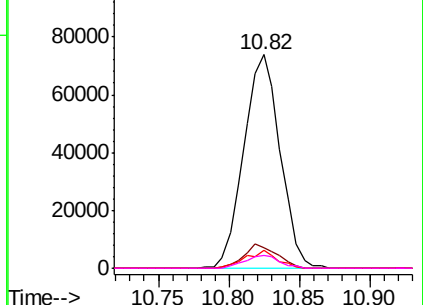


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 35.363 ng

RT: 8.84 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Tgt Ion:105 Resp: 146272

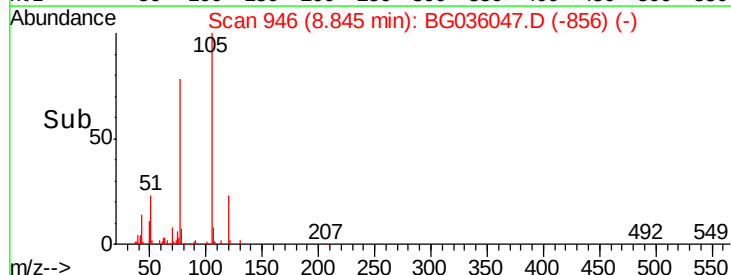
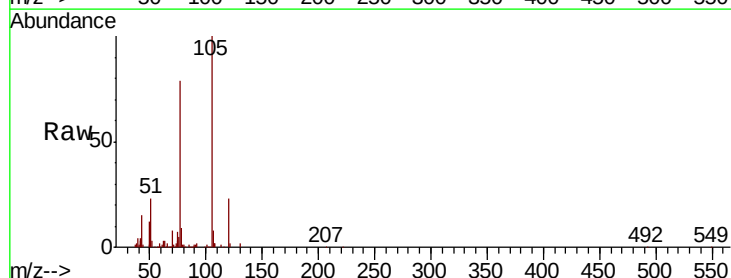
Ion Ratio Lower Upper

105 100

71 1.1 3.0 4.4#

51 23.1 26.1 39.1#

120 23.1 17.4 26.2

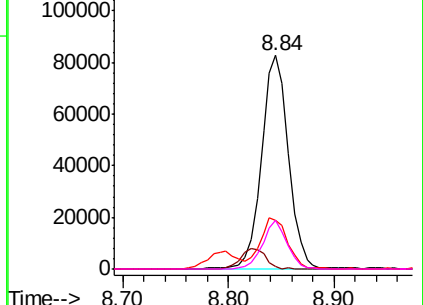


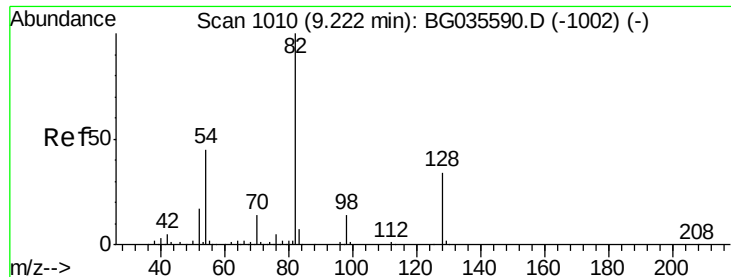
Abundance Ion 105.00 (104.70 to 105.70): E

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

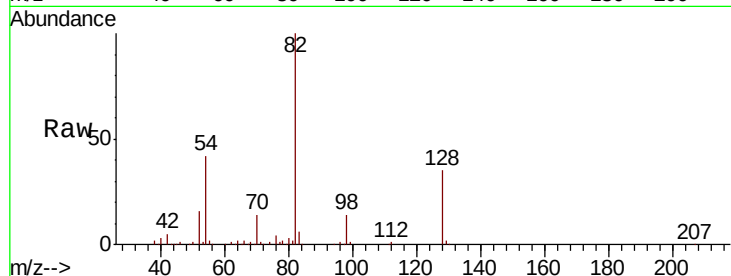




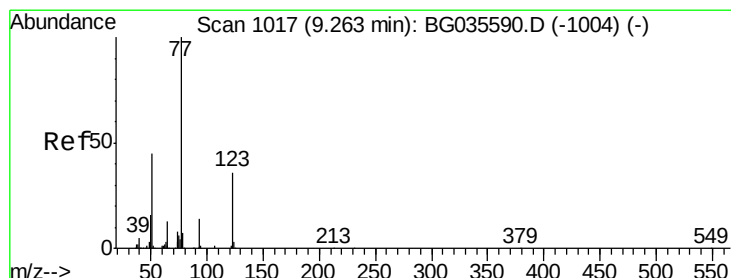
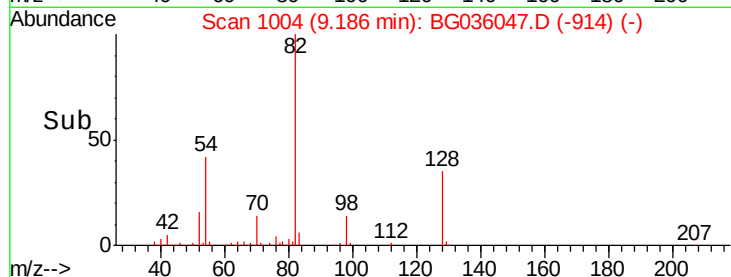
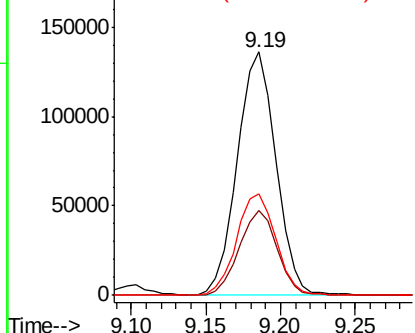
#23
 Nitrobenzene-d5
 Concen: 76.865 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 244739
 Ion Ratio Lower Upper
 82 100
 128 34.9 29.7 44.5
 54 41.7 43.1 64.7#

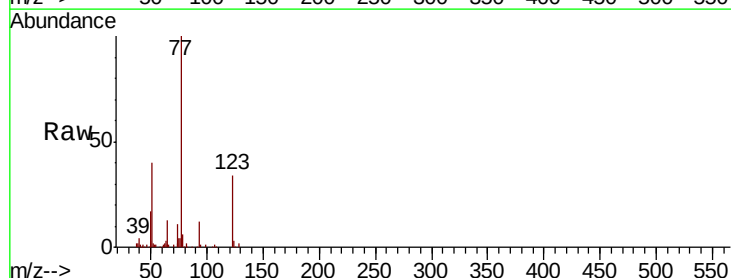


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

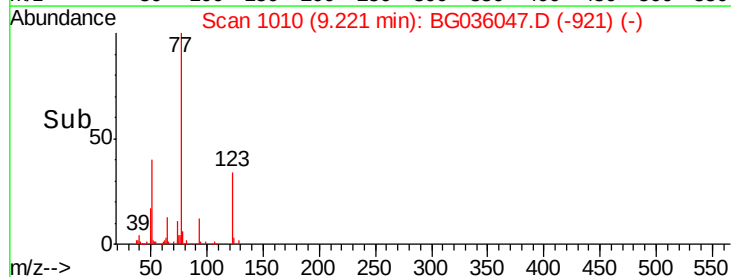
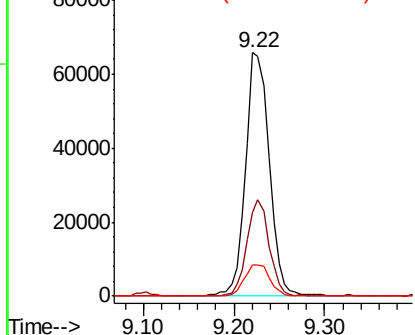


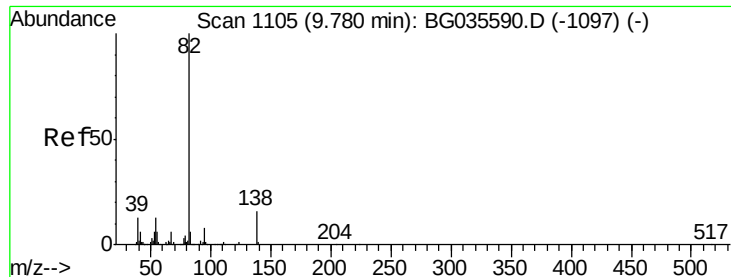
#24
 Nitrobenzene
 Concen: 37.381 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Tgt Ion: 77 Resp: 119698
 Ion Ratio Lower Upper
 77 100
 123 34.2 33.0 49.6
 65 12.9 13.0 19.6#



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: 37.657 ng

RT: 9.74 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampleId :

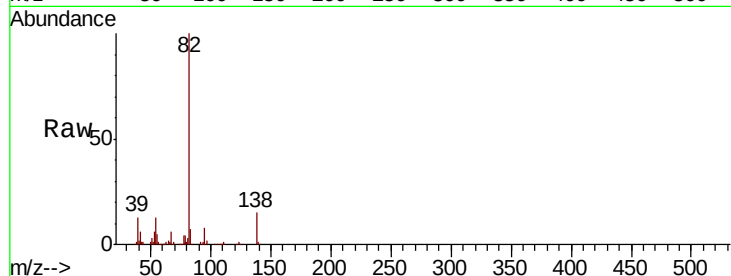
Tot Ion: 82 Resp: 222578

Ion Ratio Lower Upper

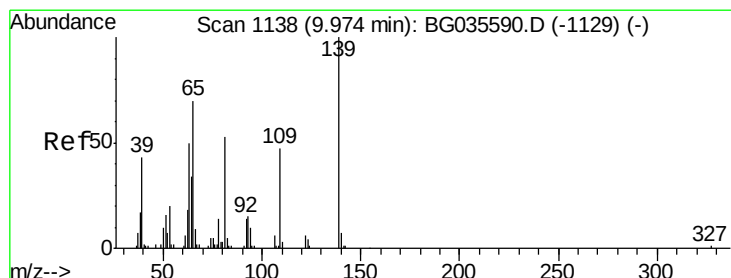
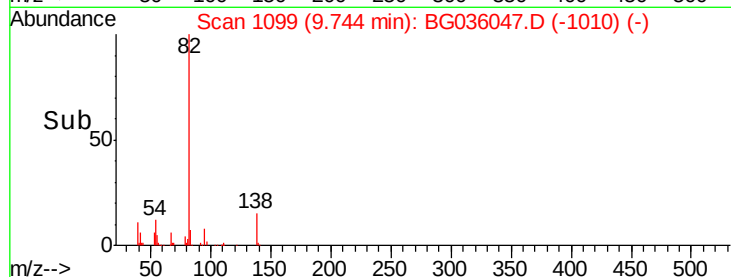
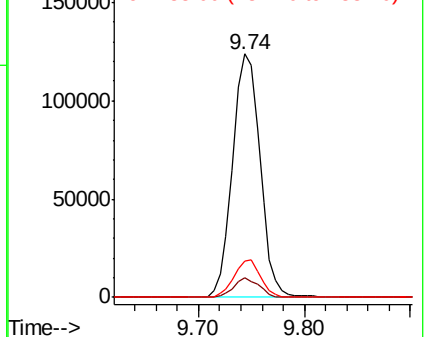
82 100

95 8.0 6.2 9.2

138 14.7 12.1 18.1



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



#26

2-Nitrophenol

Concen: 42.791 ng

RT: 9.94 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

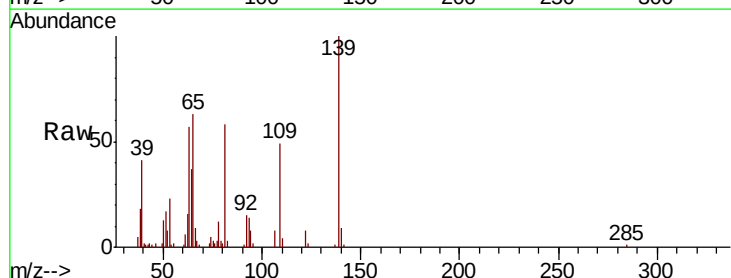
Tgt Ion: 139 Resp: 48664

Ion Ratio Lower Upper

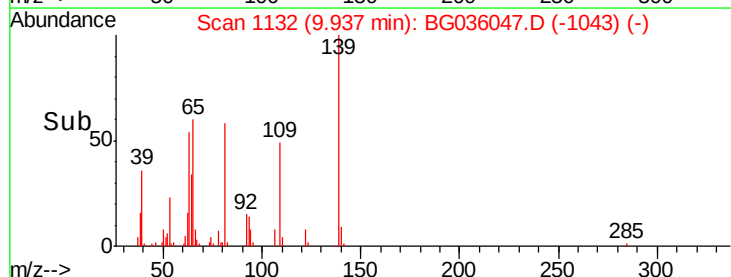
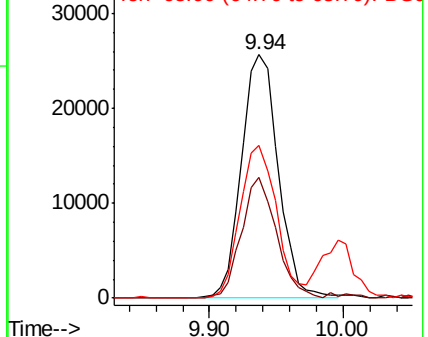
139 100

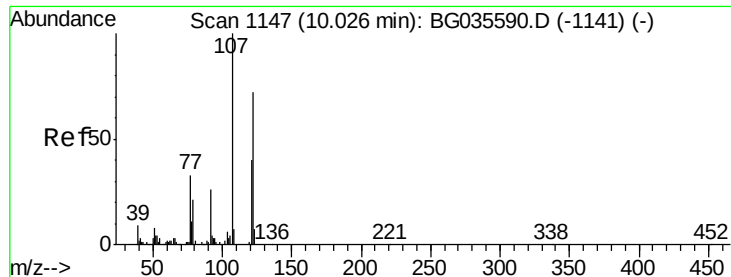
109 49.4 24.2 36.2#

65 63.0 47.4 71.0



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

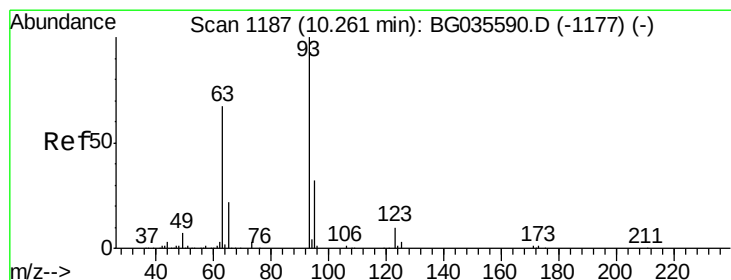
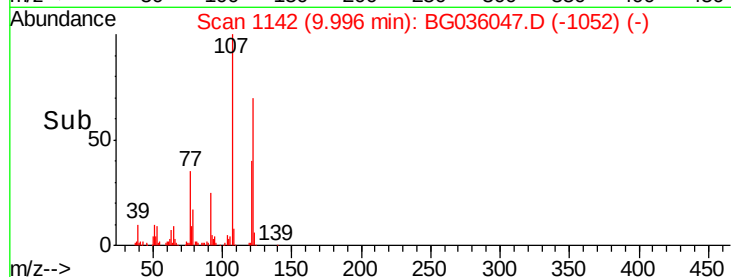
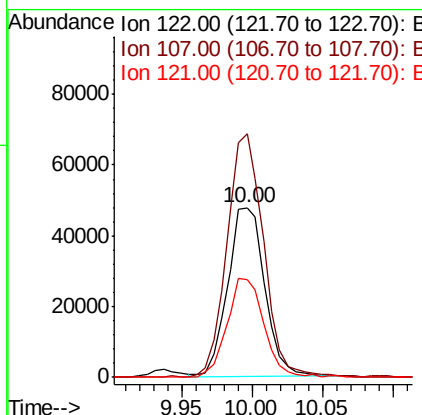
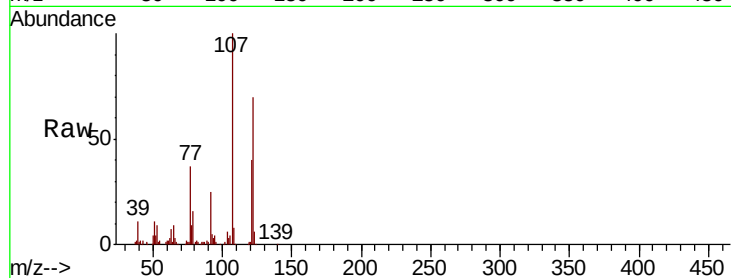




#27
2,4-Dimethylphenol
Concen: 45.379 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

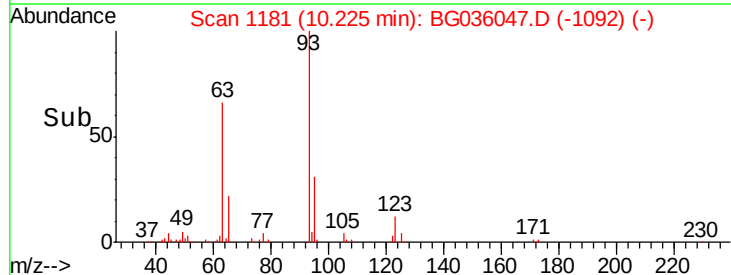
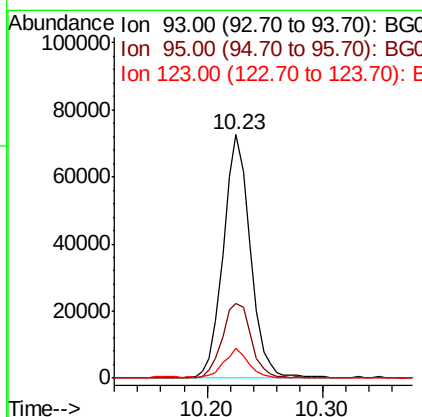
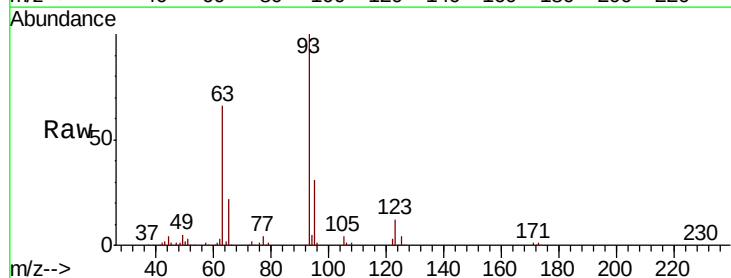
Instrument :
BNA_G
ClientSampleId :

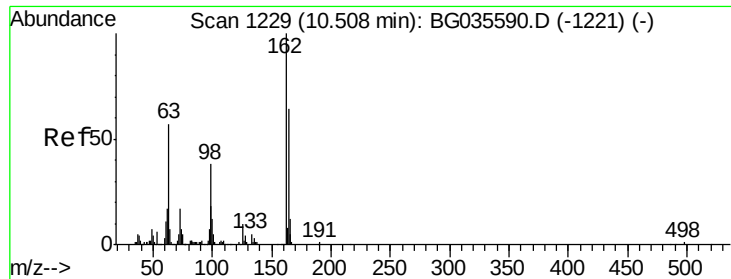
Tot Ion:122 Resp: 87357
Ion Ratio Lower Upper
122 100
107 143.3 100.2 150.2
121 57.5 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 36.315 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

Tgt Ion: 93 Resp: 118273
Ion Ratio Lower Upper
93 100
95 30.5 24.3 36.5
123 12.4 8.4 12.6

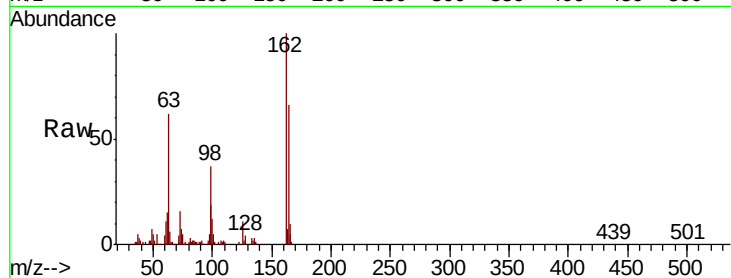




#29
 2,4-Dichlorophenol
 Concen: 43.628 ng
 RT: 10.48 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	48.0	88.0
98	36.8	21.1	61.1

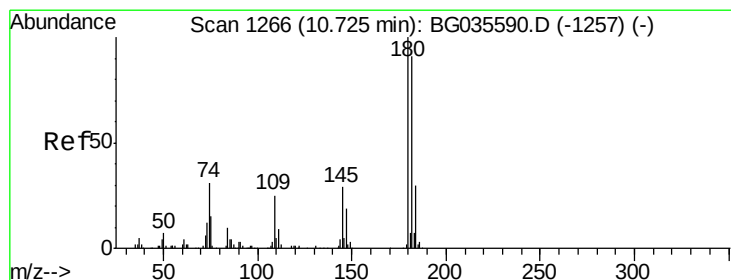
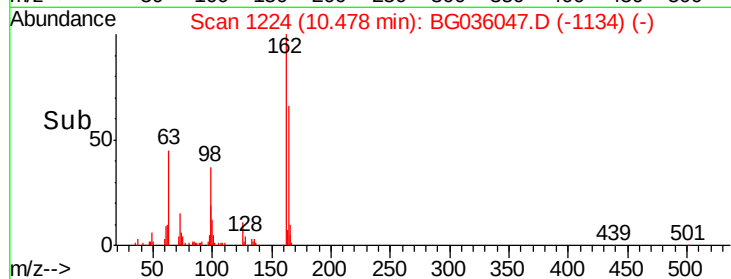
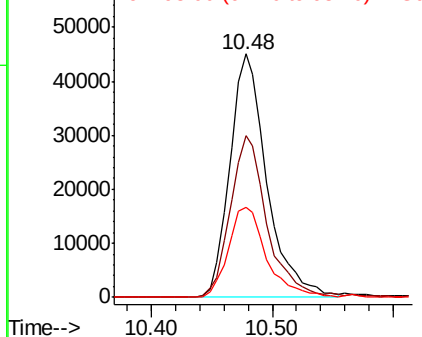


Abundance

Ion 162.00 (161.70 to 162.70): E

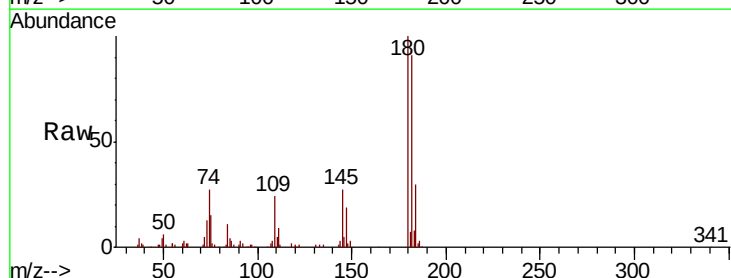
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 39.794 ng
 RT: 10.68 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	77.5	116.3
145	27.1	23.4	35.2

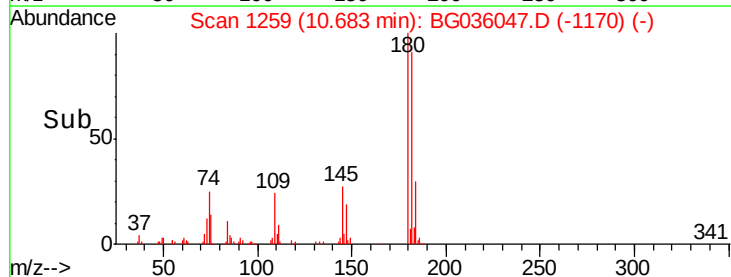
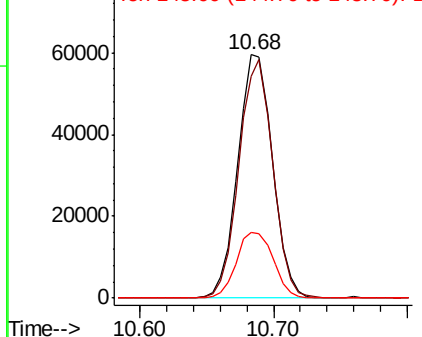


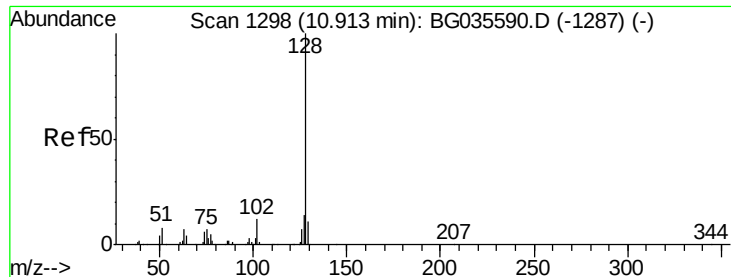
Abundance

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

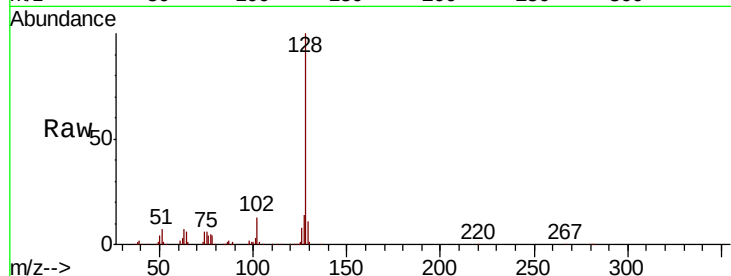




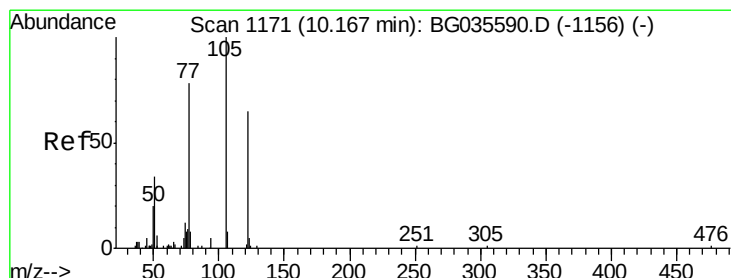
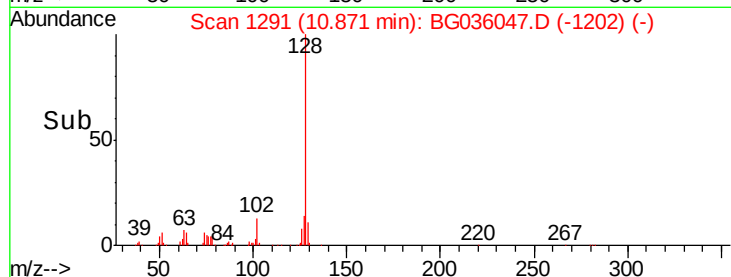
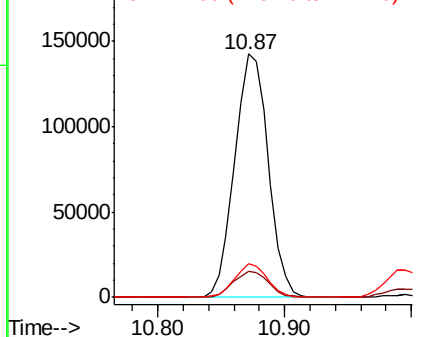
#31
Naphthalene
Concen: 37.789 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.9	11.6	17.4

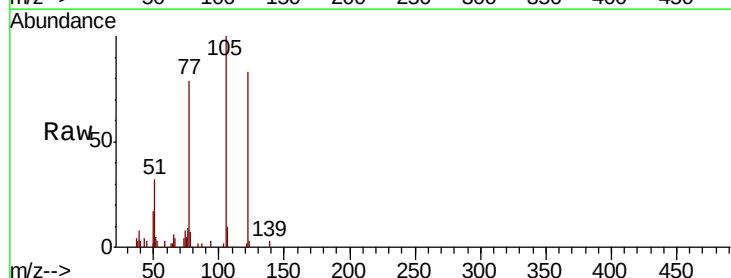


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

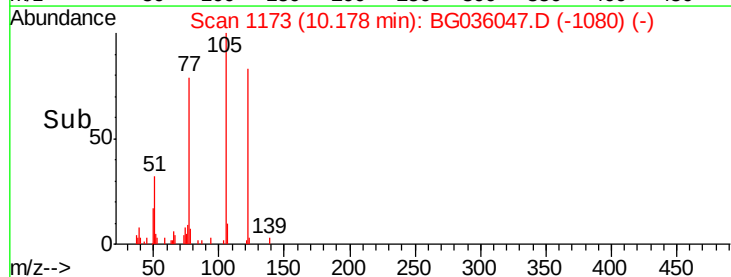
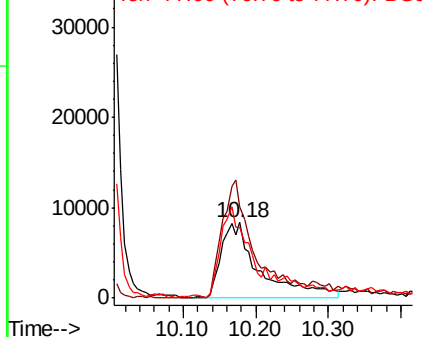


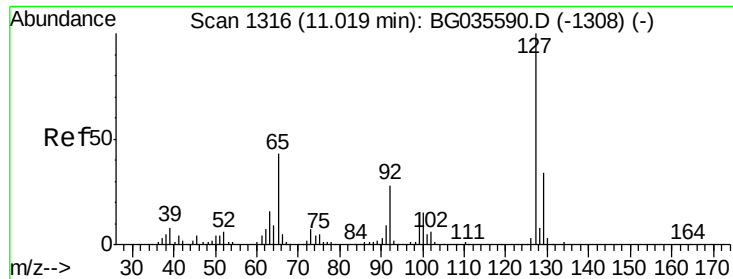
#32
Benzoic acid
Concen: 23.996 ng
RT: 10.18 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	123.5	163.5#
77	94.3	85.7	125.7



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

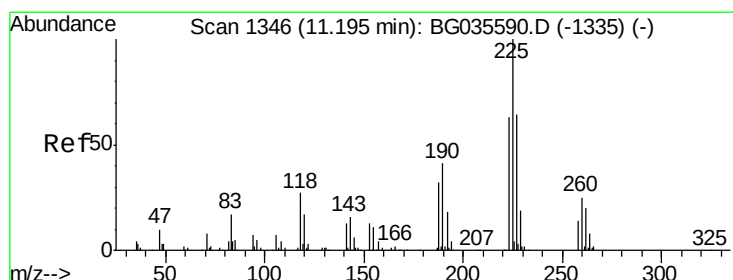
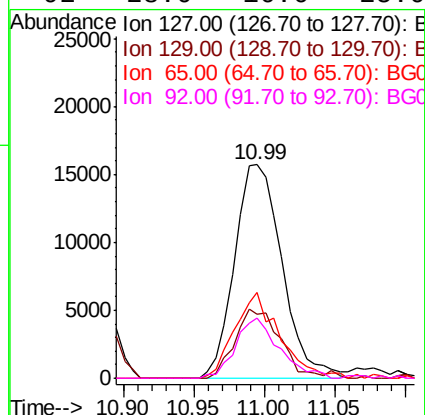
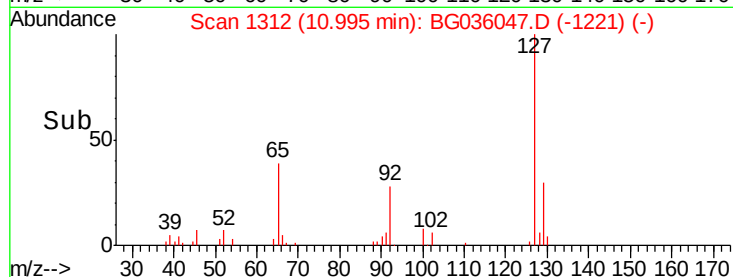
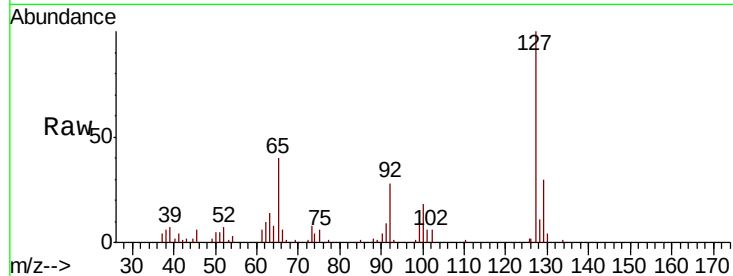




#33
4-Chloroaniline
Concen: 12.273 ng
RT: 10.99 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

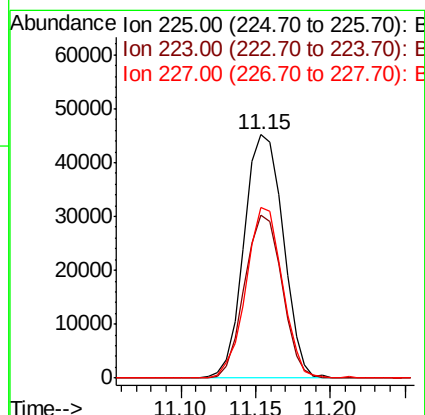
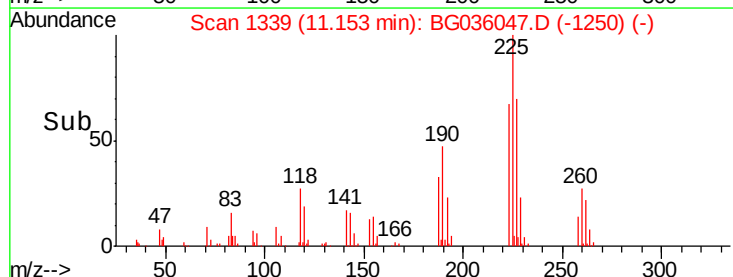
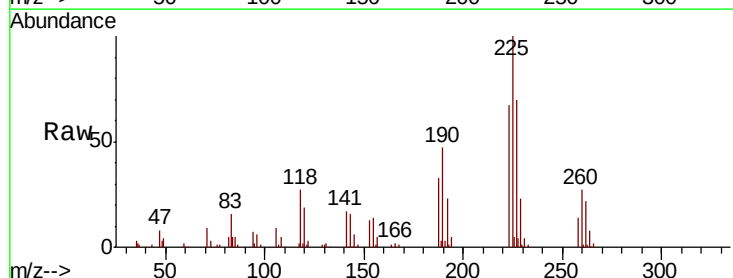
Instrument :
BNA_G
ClientSampleId :

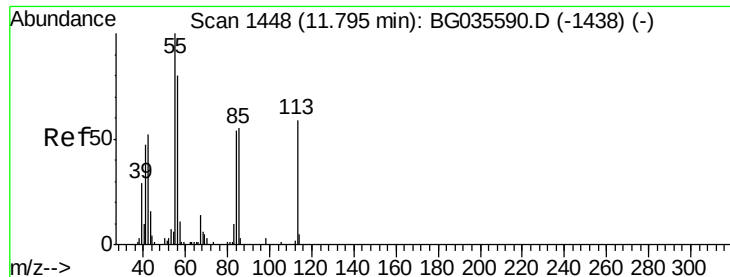
Tot Ion:	127	Resp:	37062
Ion	Ratio	Lower	Upper
127	100		
129	29.9	24.0	36.0
65	40.2	27.0	40.4
92	28.0	16.6	25.0



#34
Hexachlorobutadiene
Concen: 39.019 ng
RT: 11.15 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

Tgt Ion:	225	Resp:	81986
Ion	Ratio	Lower	Upper
225	100		
223	67.0	49.7	74.5
227	70.2	48.1	72.1





#35

Caprolactam

Concen: 20.916 ng

RT: 11.77 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampleId :

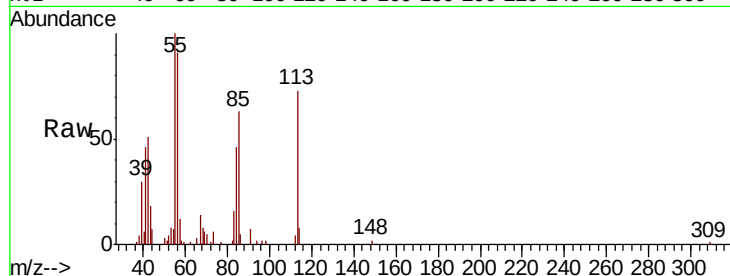
Tot Ion:113 Resp: 19724

Ion Ratio Lower Upper

113 100

55 136.3 186.9 226.9#

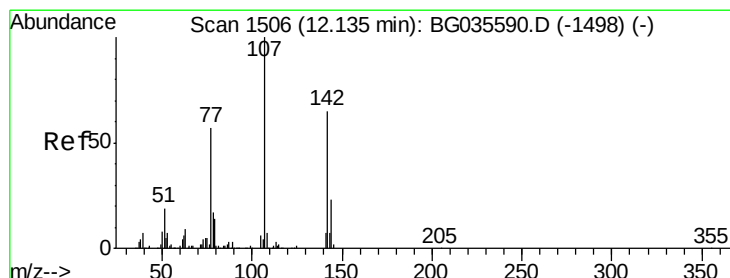
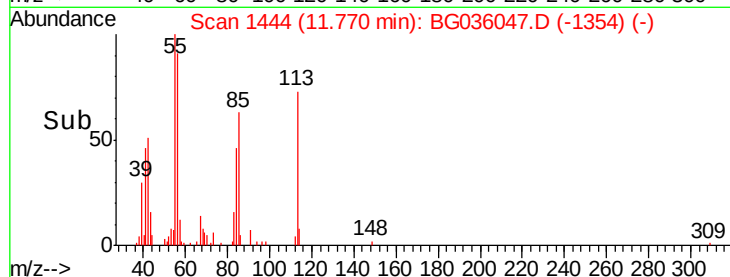
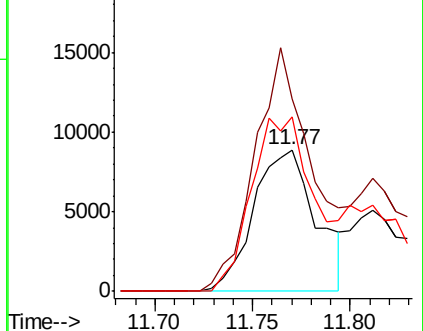
56 123.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.279 ng

RT: 12.11 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

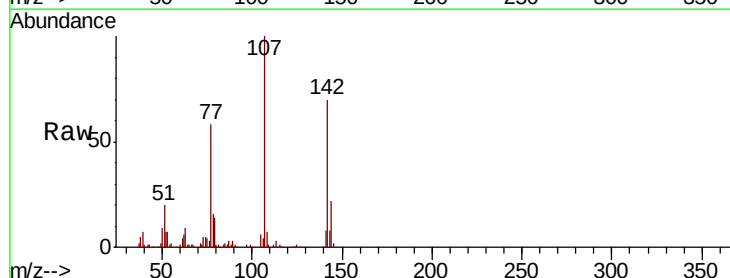
Tgt Ion:107 Resp: 121587

Ion Ratio Lower Upper

107 100

144 22.3 18.2 27.4

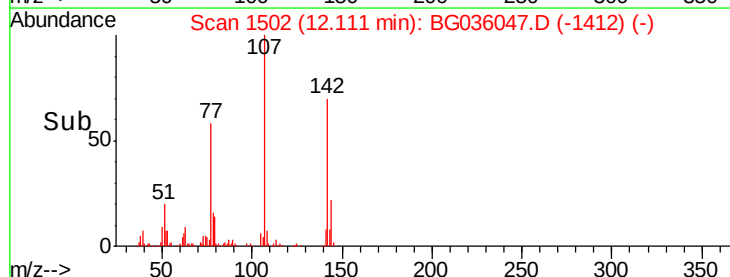
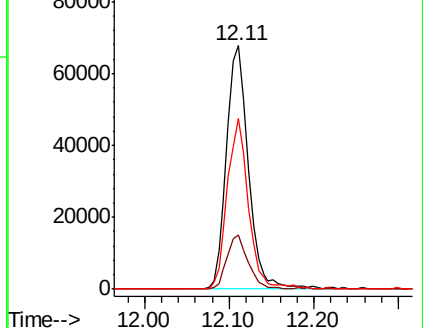
142 70.3 59.0 88.4

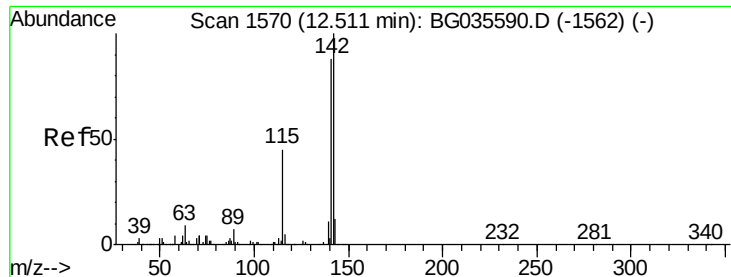


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

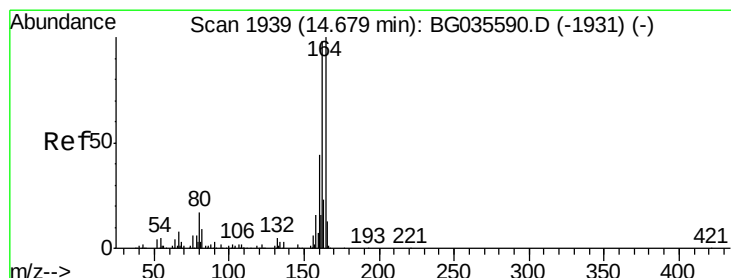
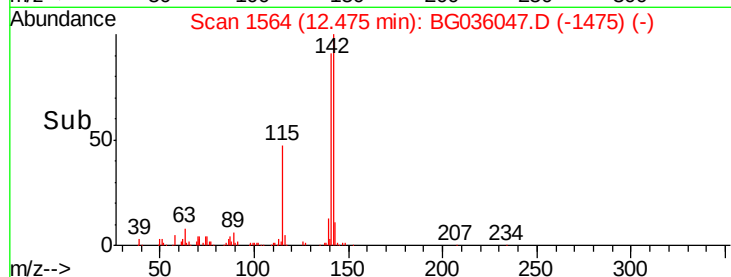
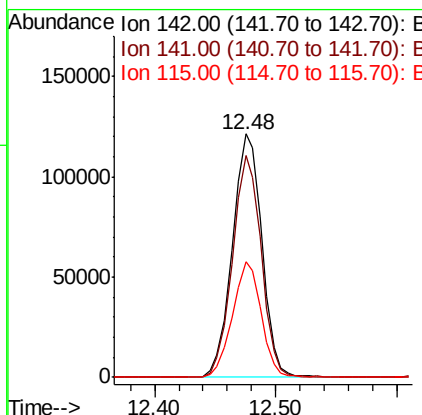
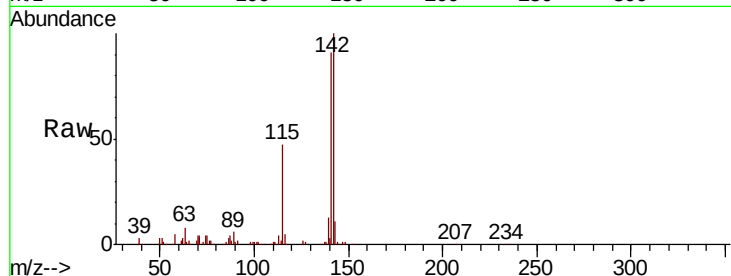




#37
2-Methylnaphthalene
Concen: 40.066 ng
RT: 12.48 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

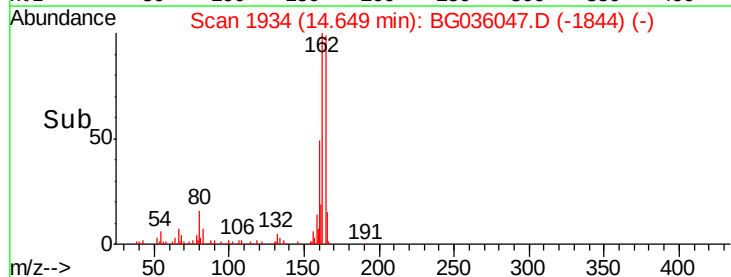
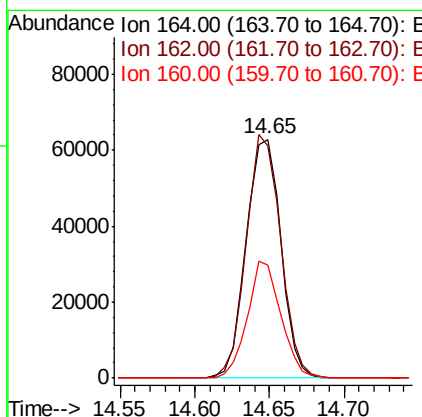
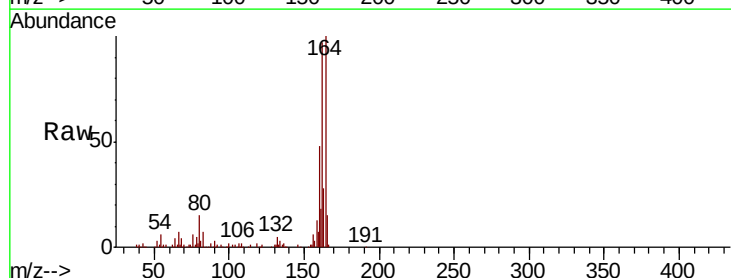
Instrument :
BNA_G
ClientSampleId :

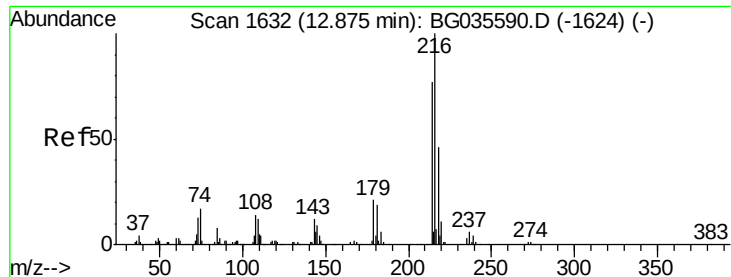
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	67.1	100.7
115	47.4	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.2	78.8	118.2
160	47.5	35.4	53.0

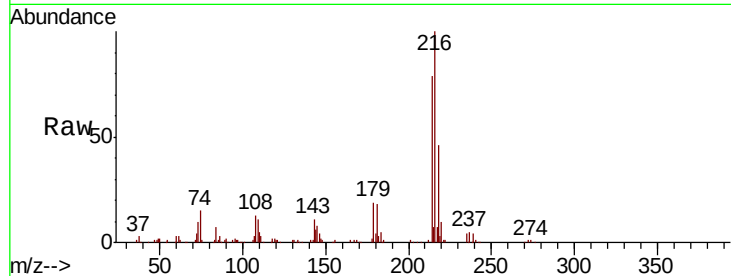




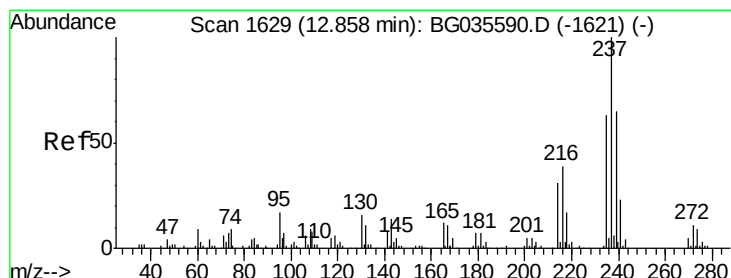
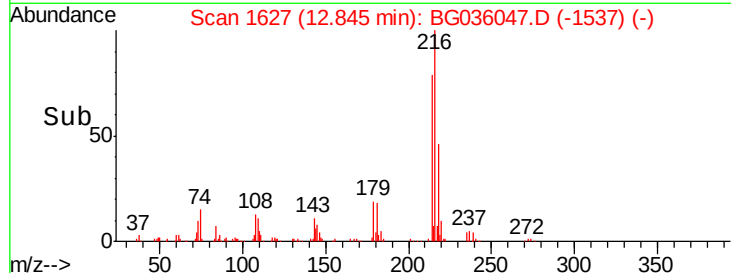
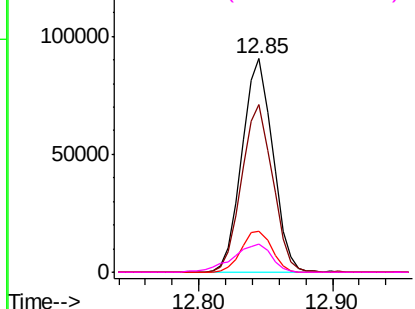
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.846 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	144289
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	19.3	17.0	25.6
108	16.3	12.8	19.2

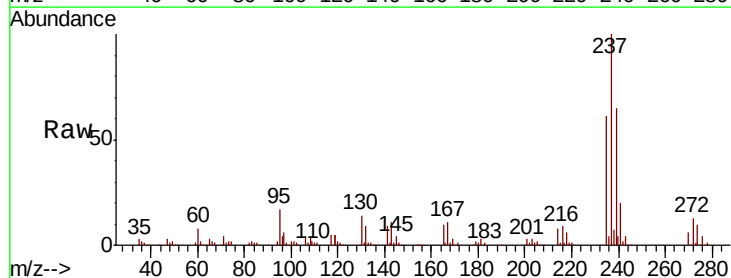


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

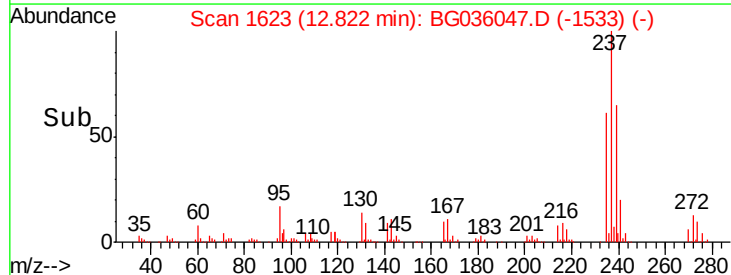
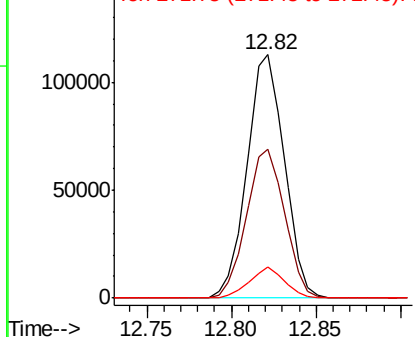


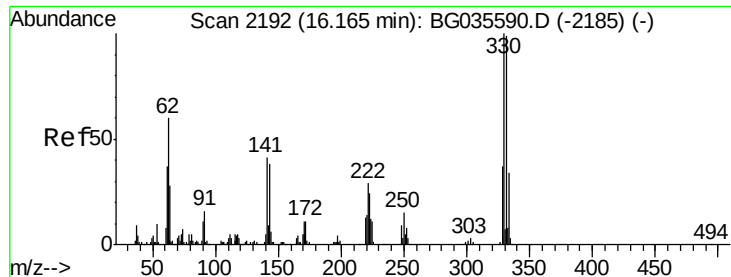
#40
 Hexachlorocyclopentadiene
 Concen: 86.887 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Tgt Ion:	237	Resp:	173729
Ion	Ratio	Lower	Upper
237	100		
235	61.4	50.4	90.4
272	12.7	0.0	31.8



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

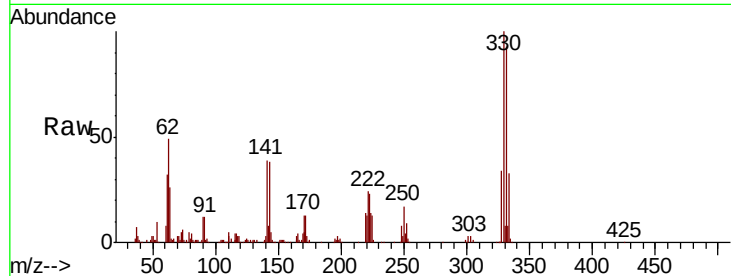




#41
 2,4,6-Tribromophenol
 Concen: 129.181 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	38.1	25.2	37.8#

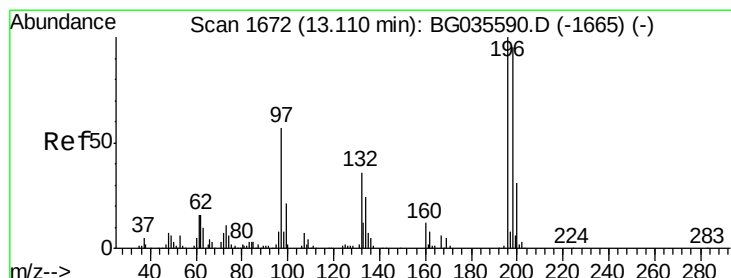
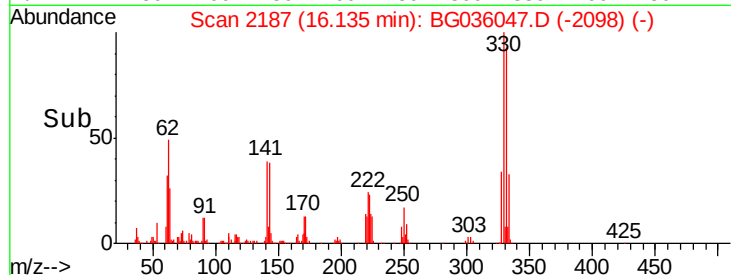
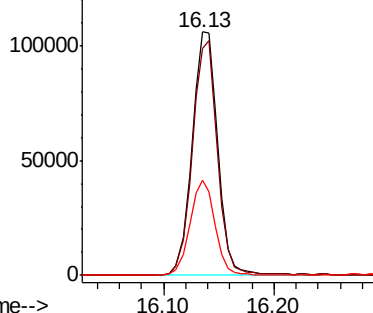


Abundance

Ion 329.80 (329.50 to 330.50): E

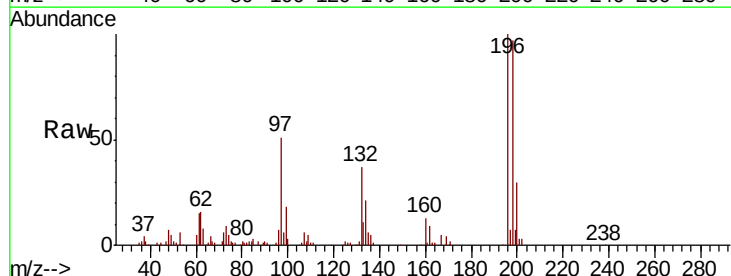
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.311 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	78.2	117.2
200	30.5	24.6	36.8

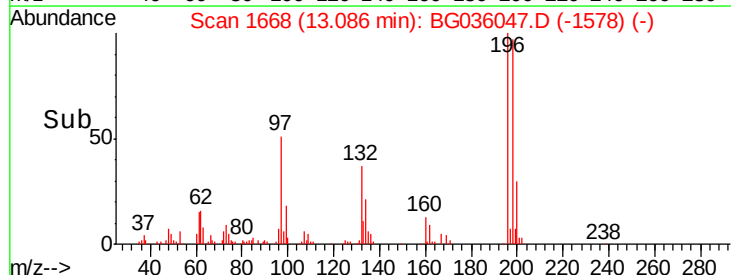
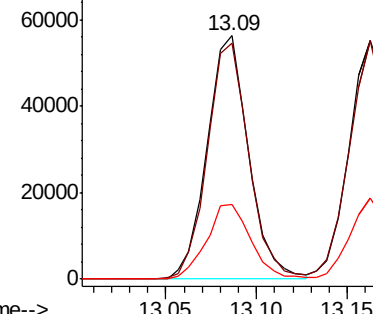


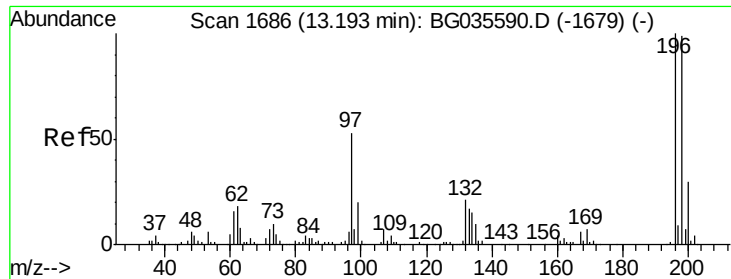
Abundance

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

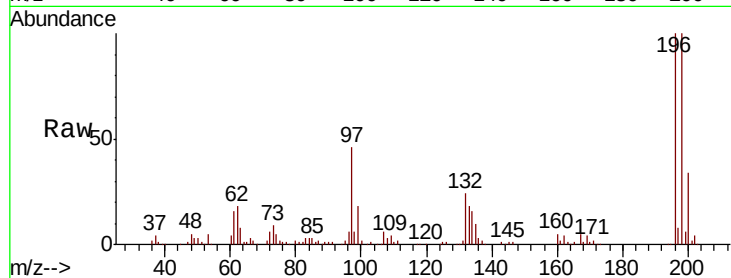




#43
 2,4,5-Trichlorophenol
 Concen: 40.649 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	101390
Ion	Ratio	Lower	Upper
196	100		
198	100.2	76.2	114.4
97	46.1	38.7	58.1
132	23.6	20.2	30.2



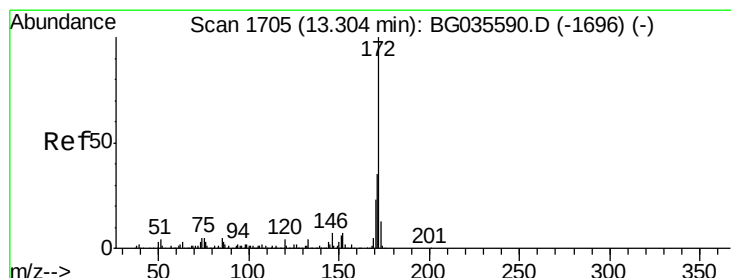
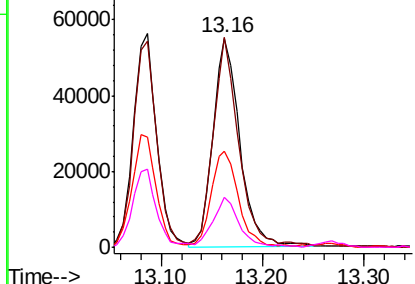
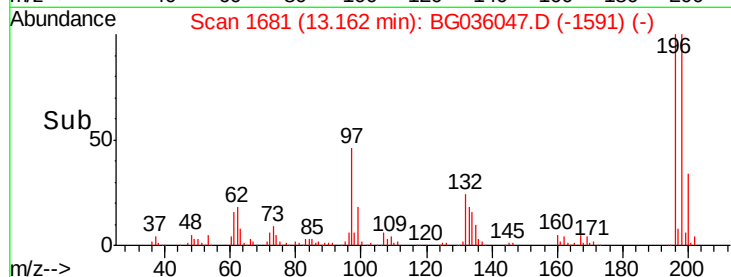
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

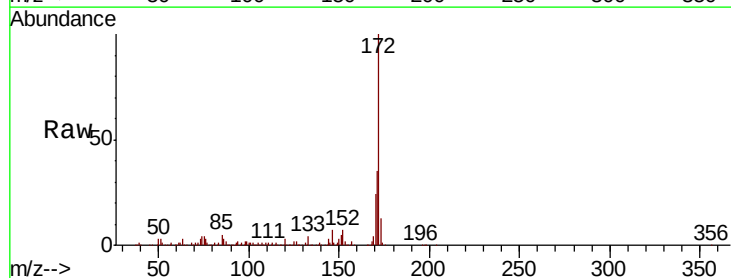
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.122 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Tgt Ion	172	Resp	581483
Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.6	19.5	29.3

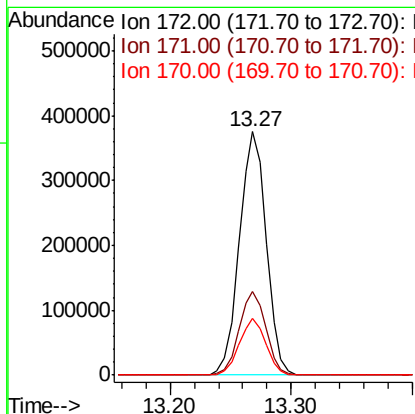
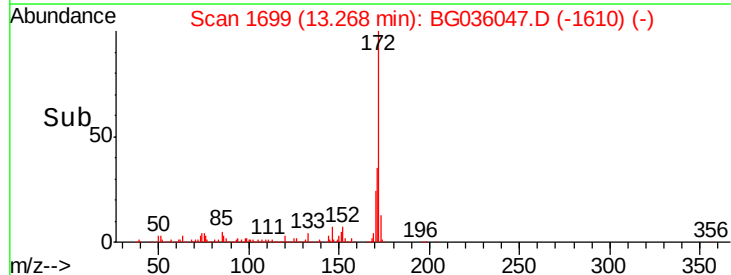


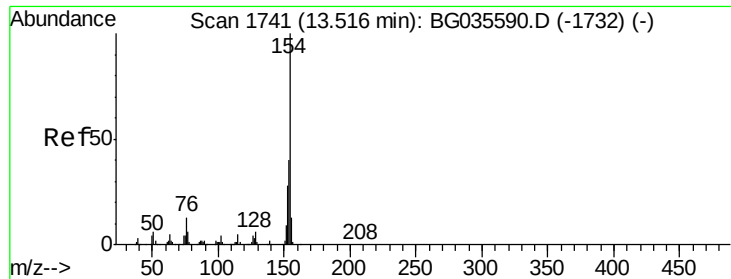
Abundance

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

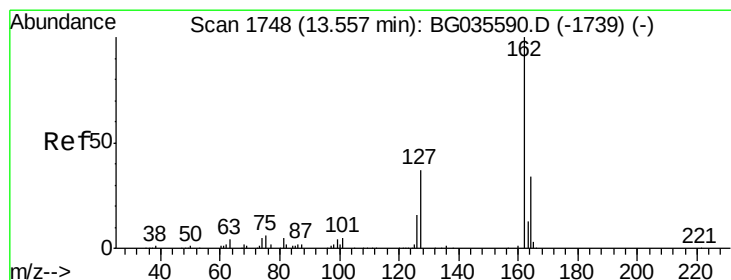
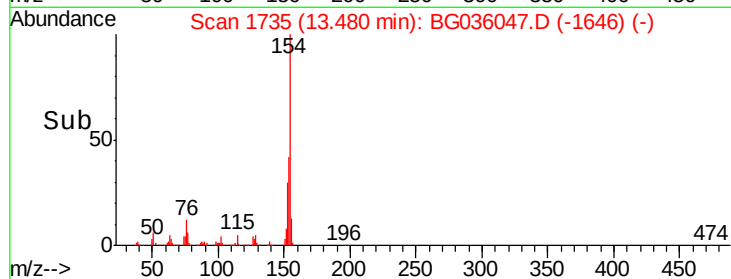
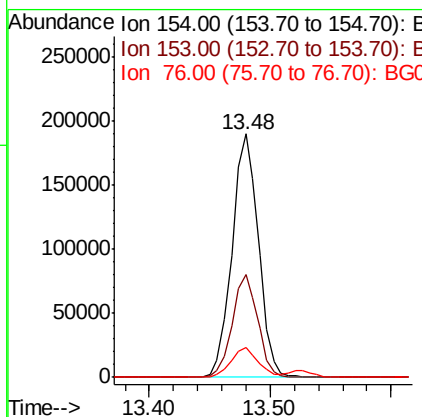
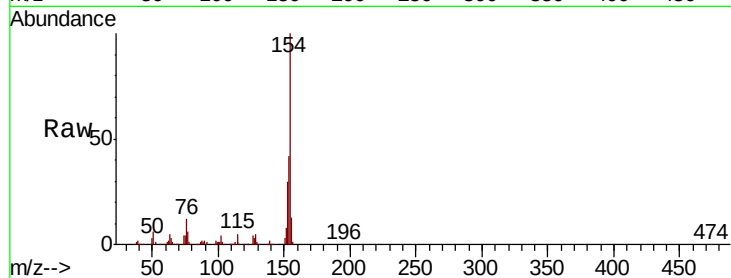




#45
 1,1'-Biphenyl
 Concen: 36.858 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

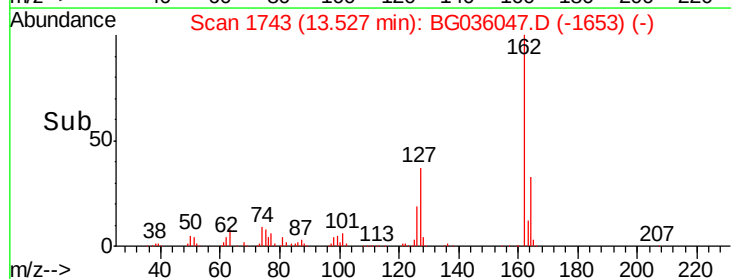
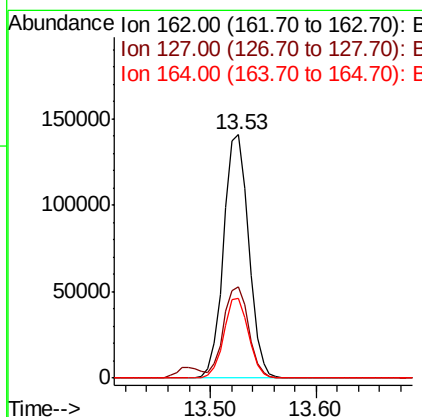
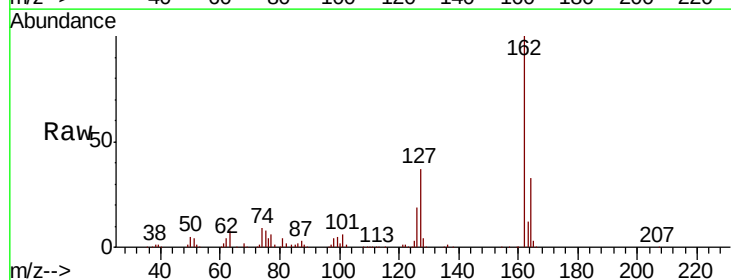
Instrument :
 BNA_G
 ClientSampled :

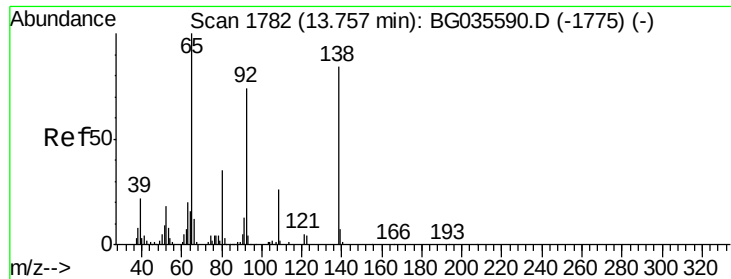
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.2	19.8	59.8
76	12.3	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 38.161 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.7	46.1
164	32.6	26.0	39.0

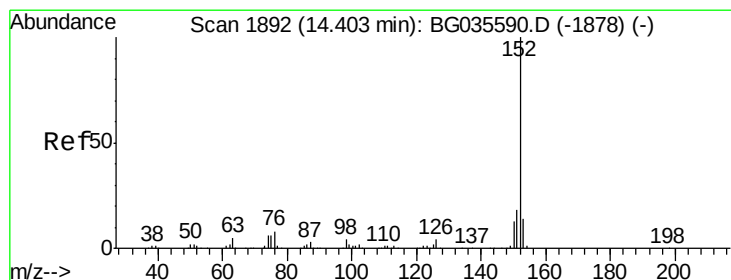
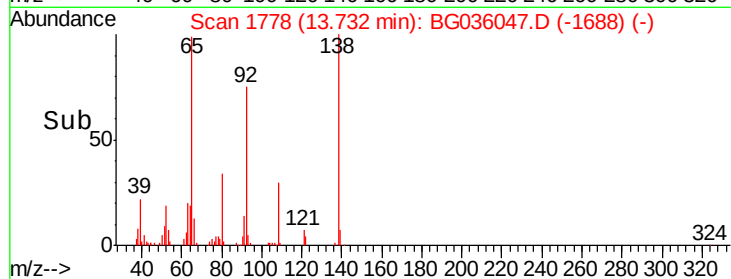
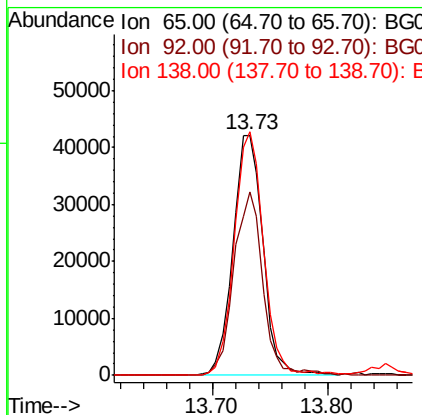
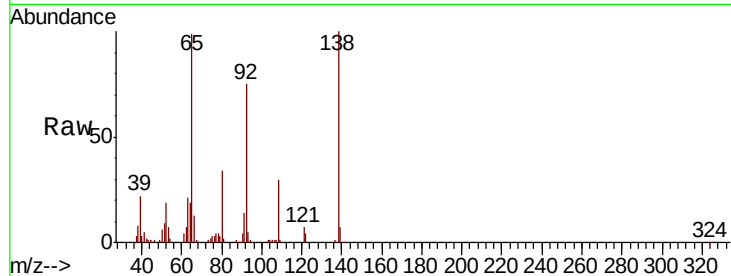




#47
2-Nitroaniline
Concen: 35.110 ng
RT: 13.73 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

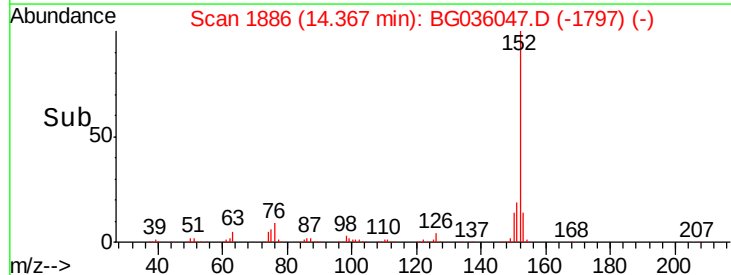
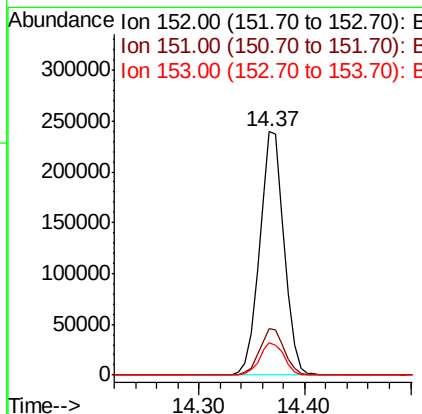
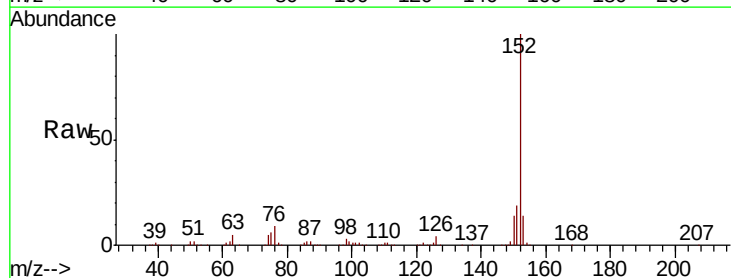
Instrument :
BNA_G
ClientSampled :

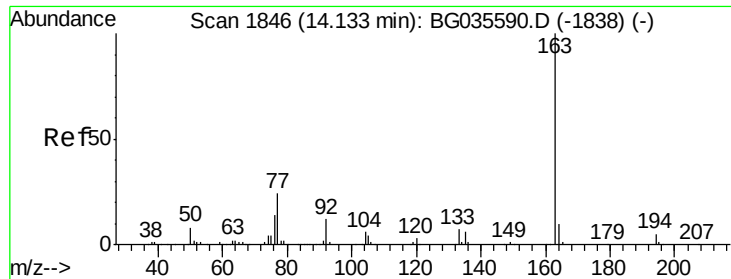
Tot Ion: 65 Resp: 75613
Ion Ratio Lower Upper
65 100
92 76.1 54.6 82.0
138 101.3 72.9 109.3



#48
Acenaphthylene
Concen: 37.776 ng
RT: 14.37 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

Tgt Ion: 152 Resp: 385478
Ion Ratio Lower Upper
152 100
151 19.0 17.2 25.8
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 36.316 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampled :

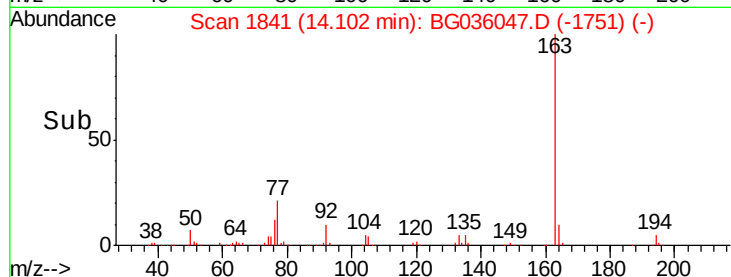
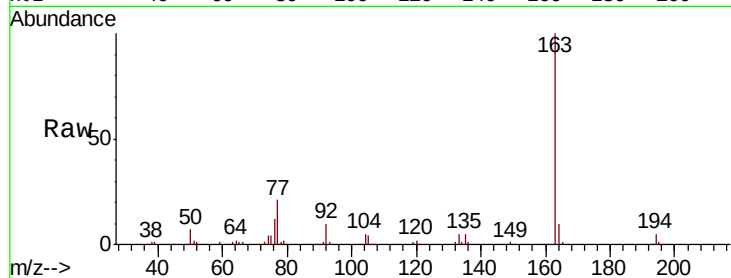
Tot Ion:163 Resp: 321408

Ion Ratio Lower Upper

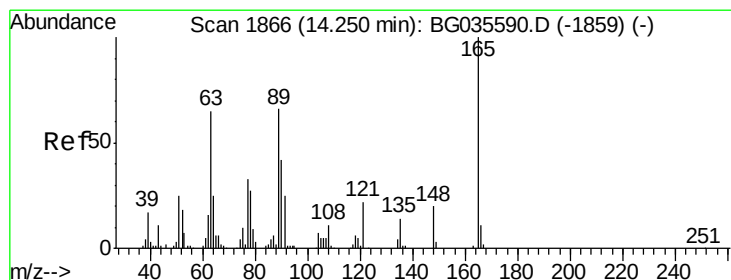
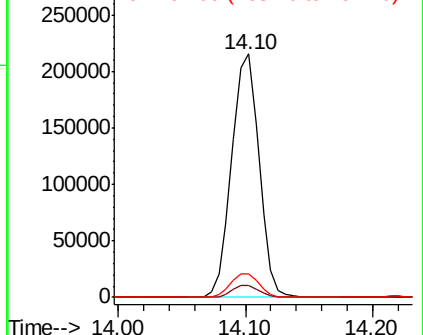
163 100

194 5.1 3.4 5.2

164 9.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.076 ng

RT: 14.22 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

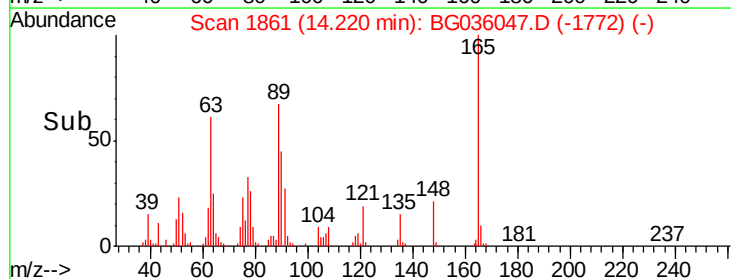
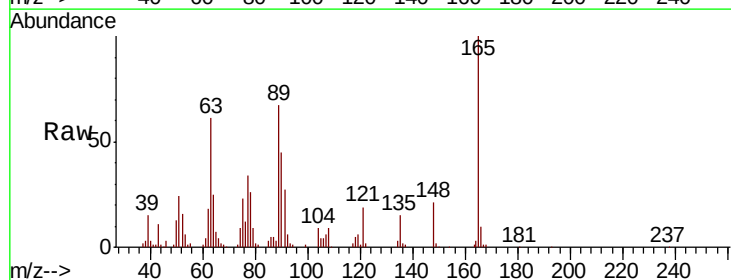
Tgt Ion:165 Resp: 72226

Ion Ratio Lower Upper

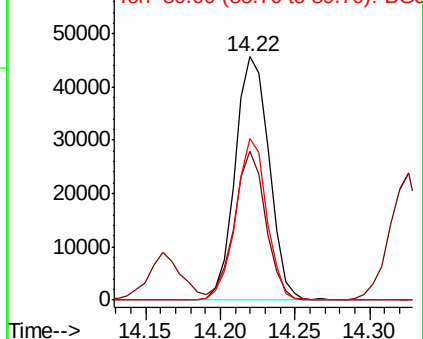
165 100

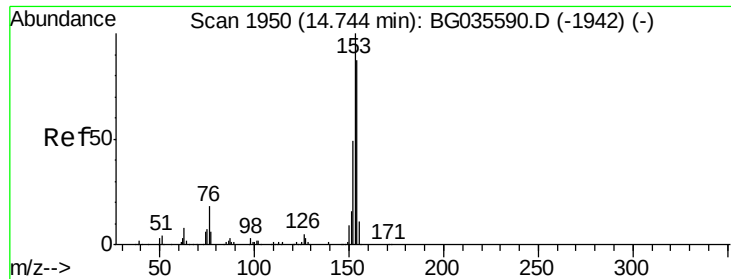
63 61.4 52.7 79.1

89 66.6 49.2 73.8



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

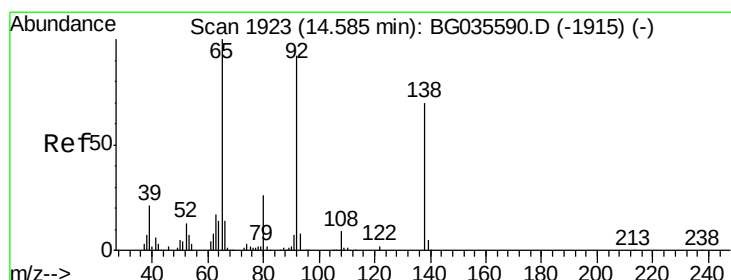
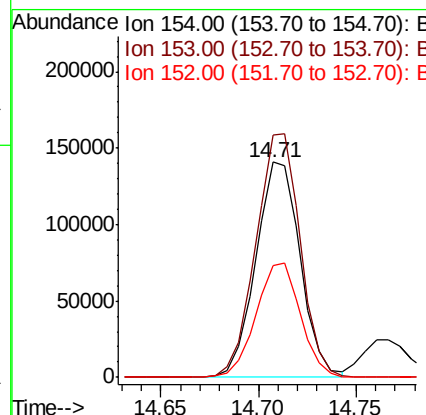
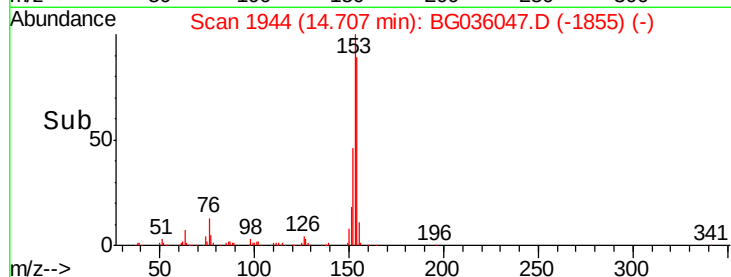
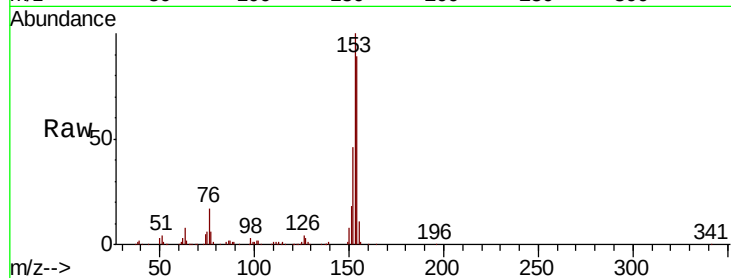




#51
Acenaphthene
Concen: 34.848 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

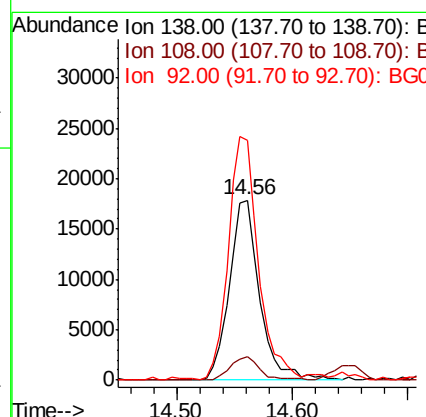
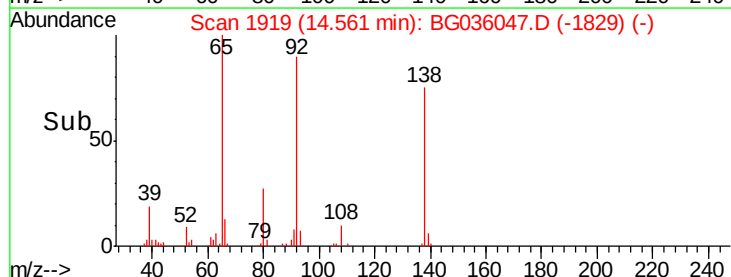
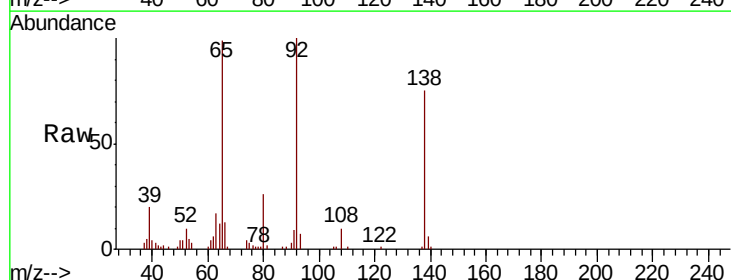
Instrument :
BNA_G
ClientSampleId :

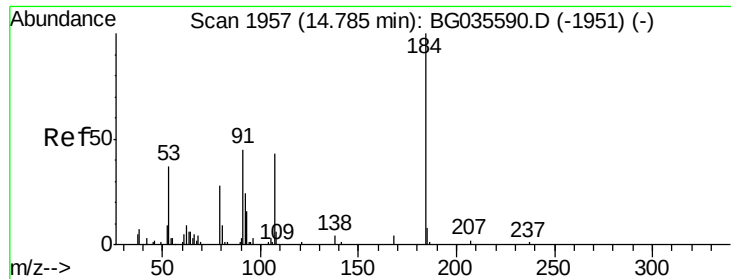
Tot Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.4	135.6
152	51.9	41.6	62.4



#52
3-Nitroaniline
Concen: 17.568 ng
RT: 14.56 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.3	17.5	26.3#
92	133.1	105.8	158.8

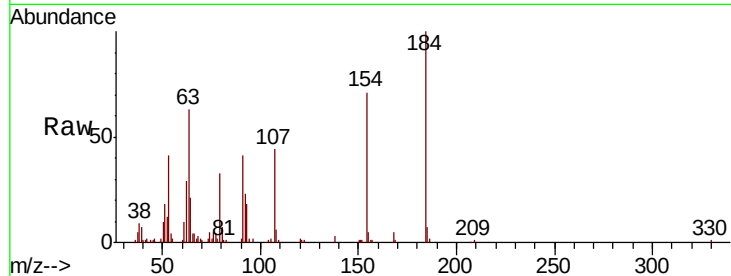




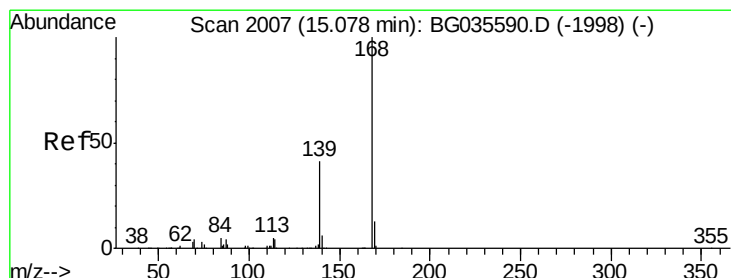
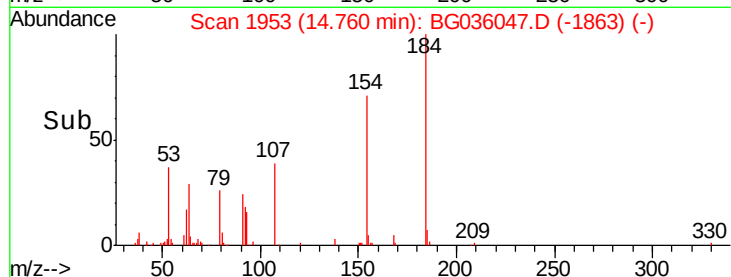
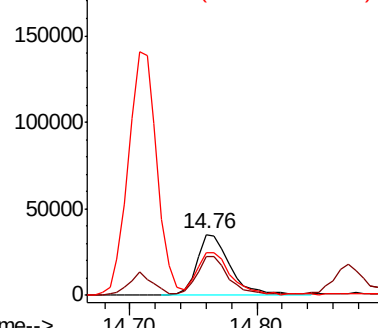
#53
 2,4-Dinitrophenol
 Concen: 70.139 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 64184
 Ion Ratio Lower Upper
 184 100
 63 63.4 59.8 89.8
 154 71.0 101.8 152.8#

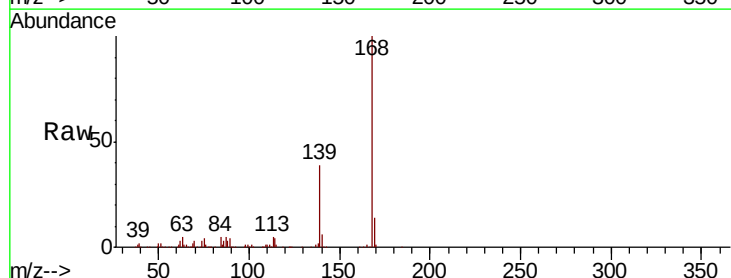


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

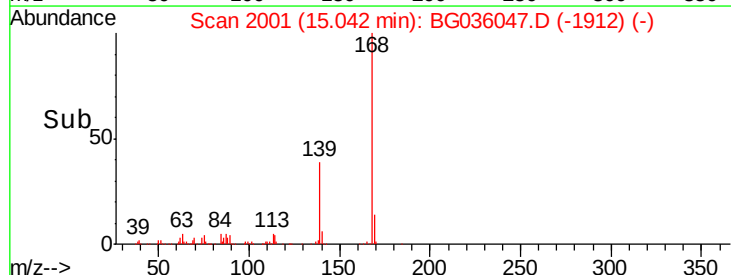
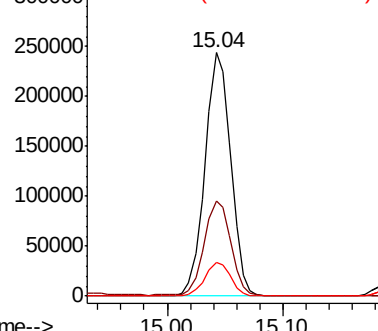


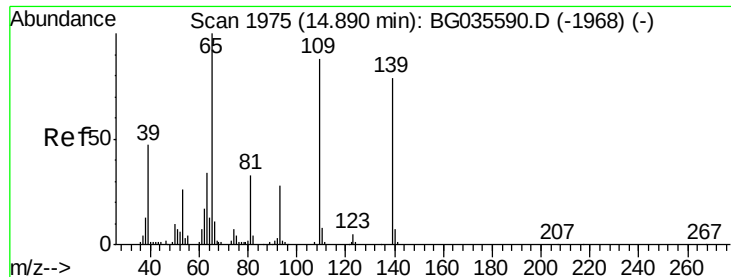
#54
 Dibenzofuran
 Concen: 37.172 ng
 RT: 15.04 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Tgt Ion:168 Resp: 375790
 Ion Ratio Lower Upper
 168 100
 139 39.3 28.6 43.0
 169 13.6 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 69.529 ng

RT: 14.87 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampleId :

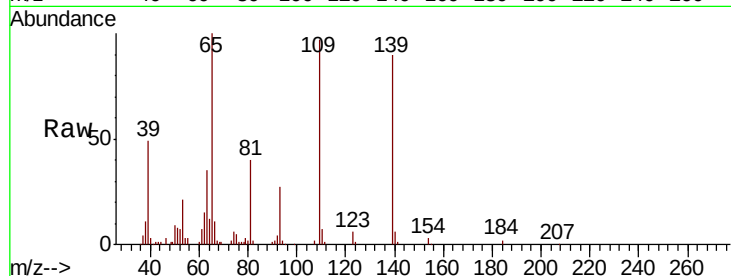
Tot Ion:139 Resp: 91209

Ion Ratio Lower Upper

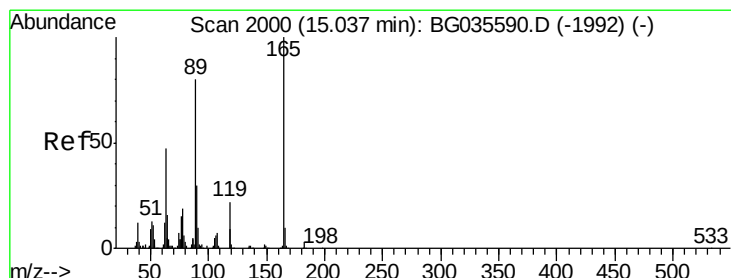
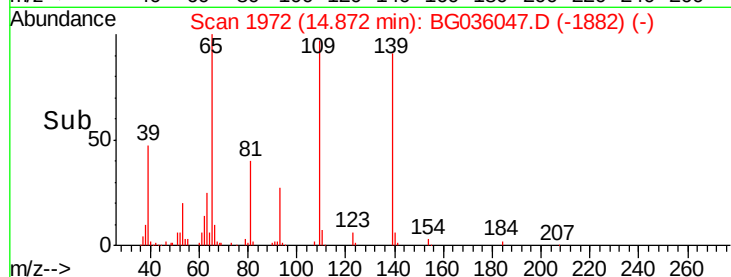
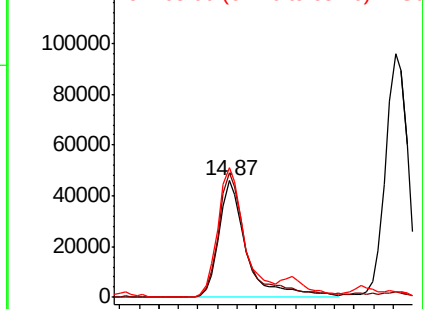
139 100

109 107.2 62.2 102.2#

65 111.1 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 40.657 ng

RT: 15.01 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Tgt Ion:165 Resp: 105122

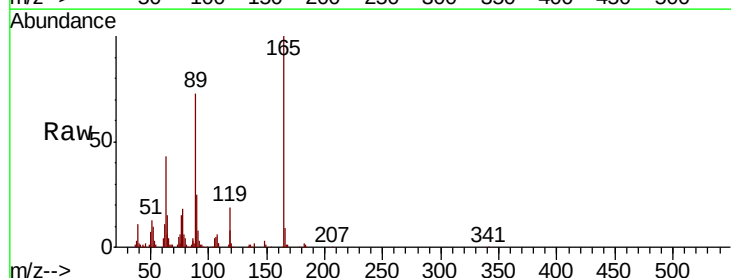
Ion Ratio Lower Upper

165 100

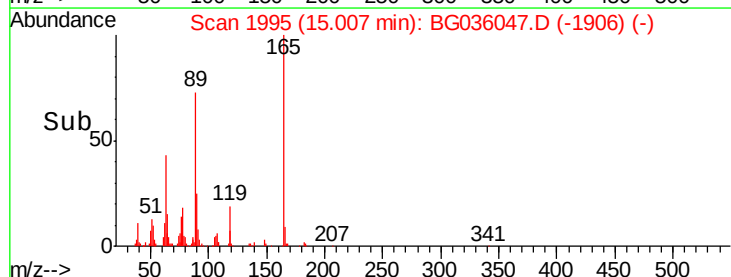
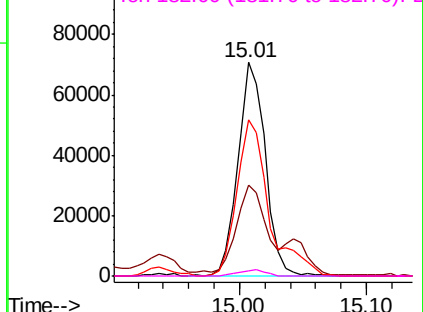
63 42.7 42.0 63.0

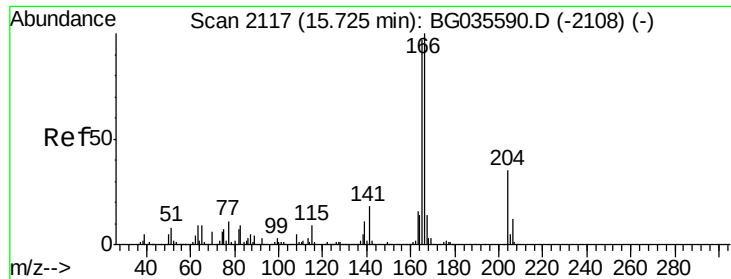
89 73.4 66.9 100.3

182 2.4 2.6 3.8#



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

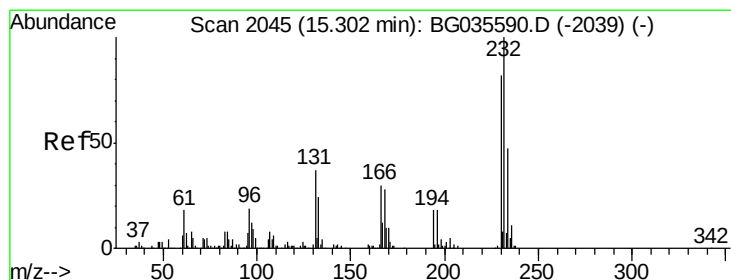
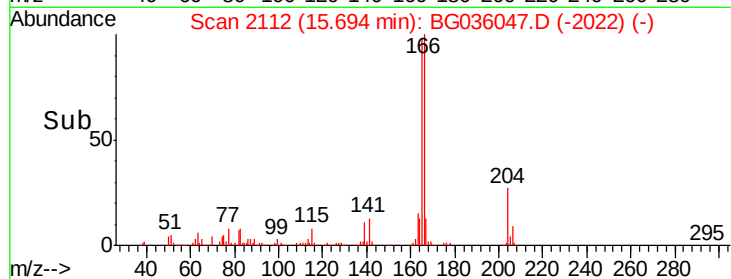
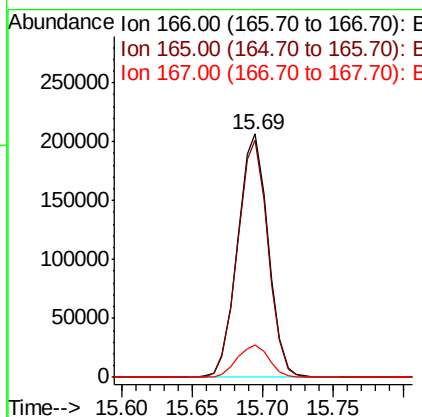
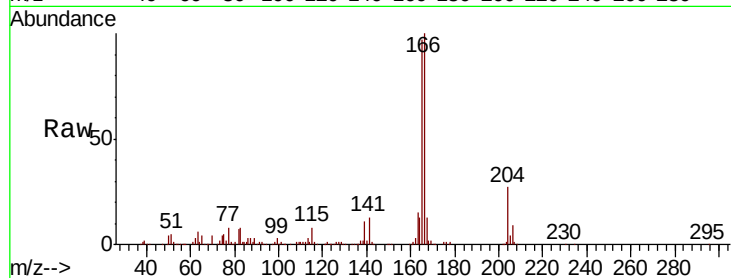




#57
 Fluorene
 Concen: 36.781 ng
 RT: 15.69 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

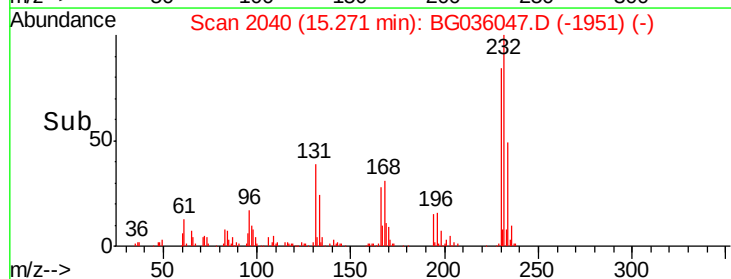
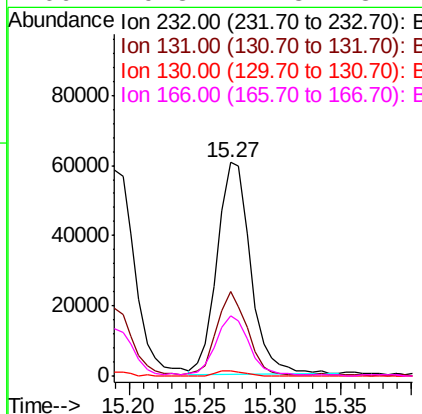
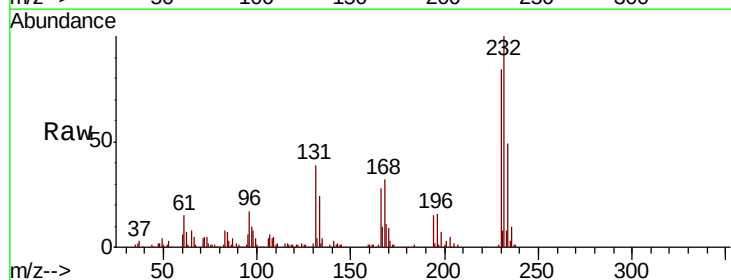
Instrument :
 BNA_G
 ClientSampleId :

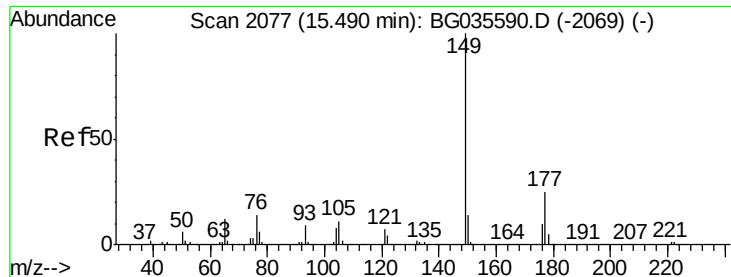
Tot Ion:166 Resp: 311648
 Ion Ratio Lower Upper
 166 100
 165 97.4 80.6 121.0
 167 13.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.520 ng
 RT: 15.27 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Tgt Ion:232 Resp: 99295
 Ion Ratio Lower Upper
 232 100
 131 36.1 33.5 50.3
 130 2.2 2.2 3.2
 166 29.3 24.8 37.2

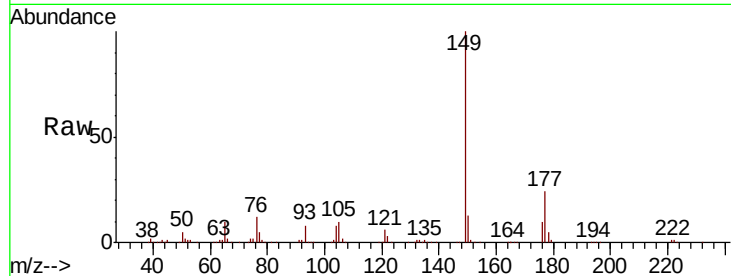




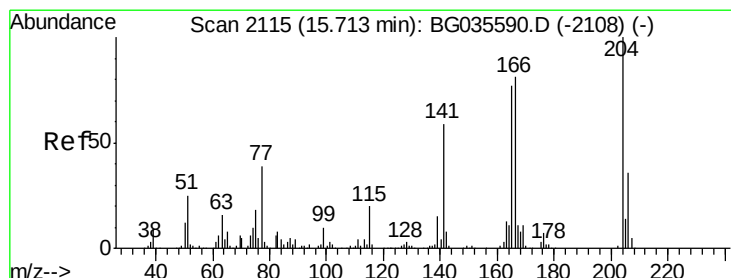
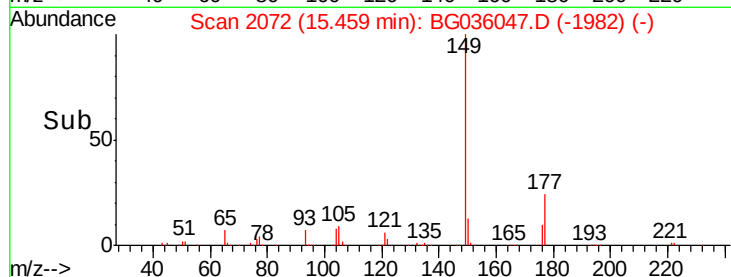
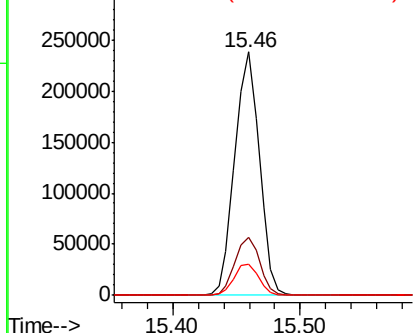
#59
Diethylphthalate
Concen: 35.068 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 319127
Ion Ratio Lower Upper
149 100
177 24.0 18.5 27.7
150 12.9 10.2 15.2

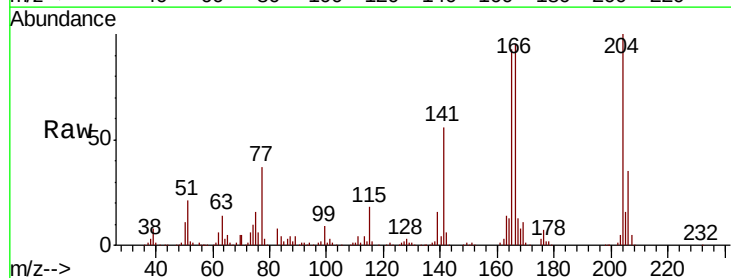


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

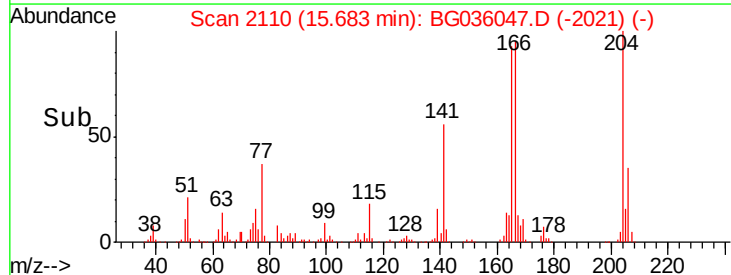
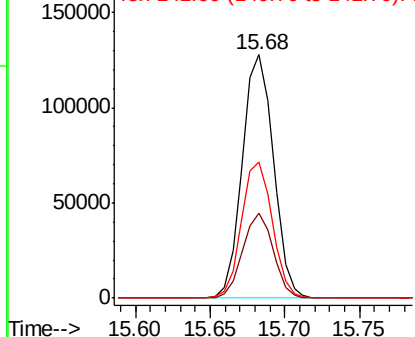


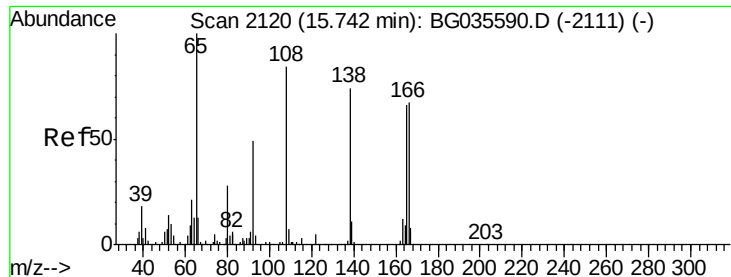
#60
4-Chlorophenyl-phenylether
Concen: 37.041 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

Tgt Ion:204 Resp: 184467
Ion Ratio Lower Upper
204 100
206 34.9 26.2 39.2
141 55.8 45.8 68.6



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

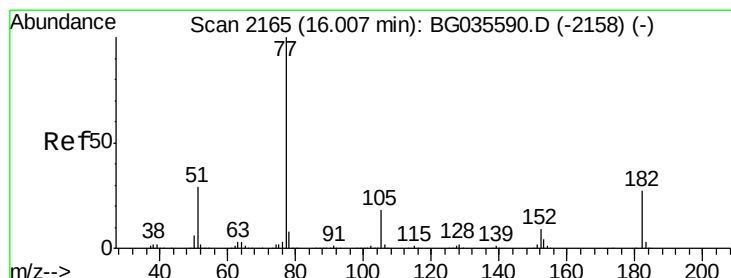
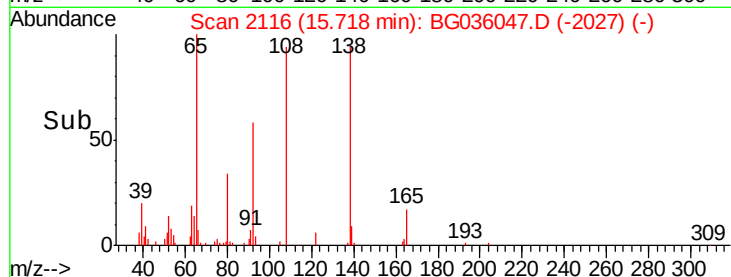
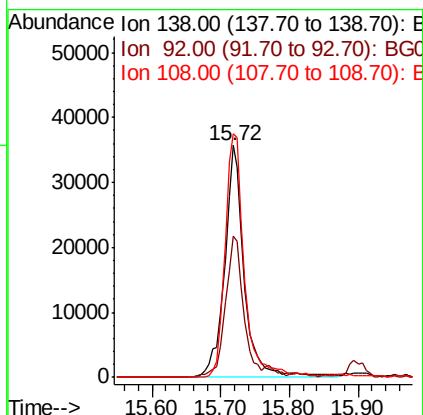
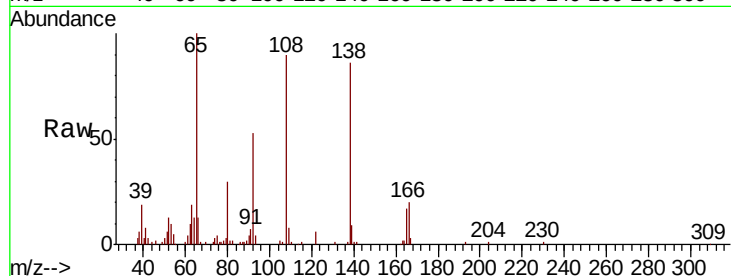




#61
4-Nitroaniline
Concen: 36.837 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

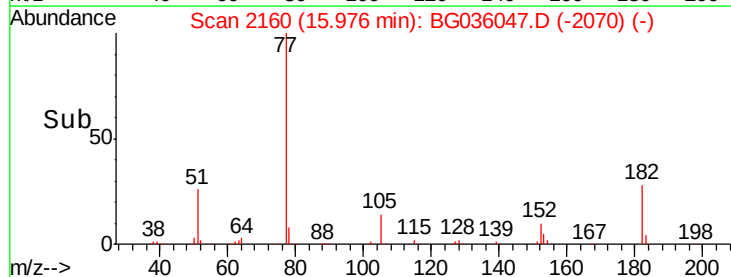
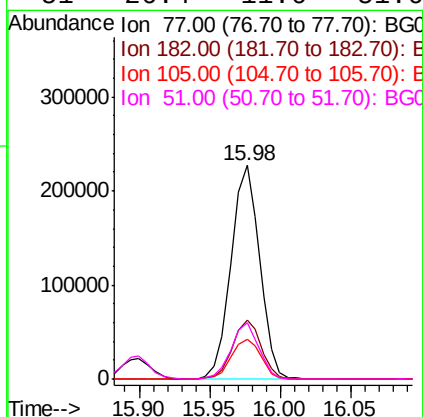
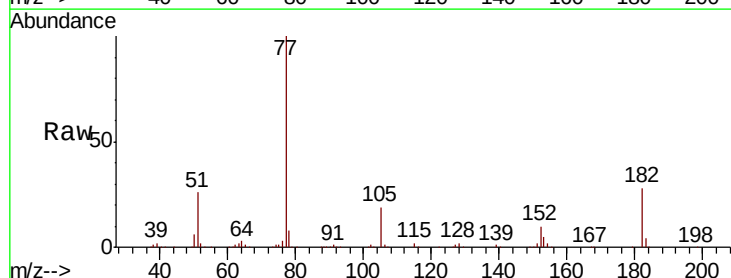
Instrument :
BNA_G
ClientSampleId :

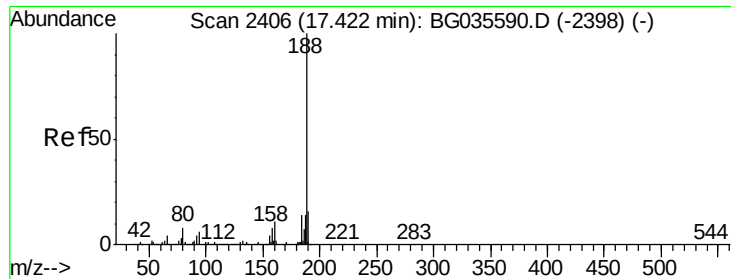
Tot Ion:138 Resp: 70978
Ion Ratio Lower Upper
138 100
92 61.2 40.1 80.1
108 105.1 65.4 105.4



#62
Azobenzene
Concen: 35.842 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

Tgt Ion: 77 Resp: 321731
Ion Ratio Lower Upper
77 100
182 27.5 7.4 47.4
105 18.6 0.3 40.3
51 26.4 11.6 51.6

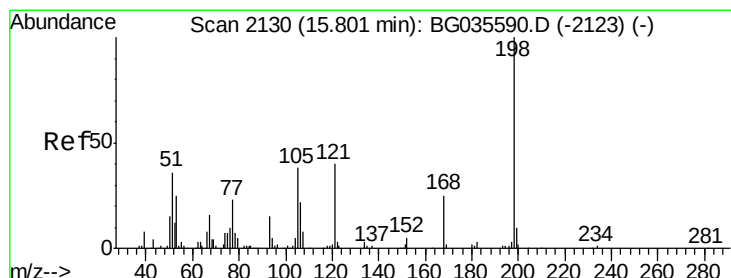
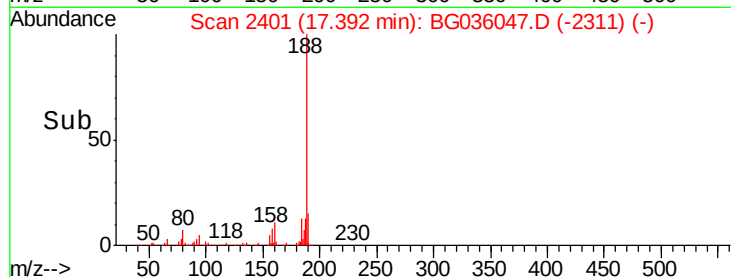
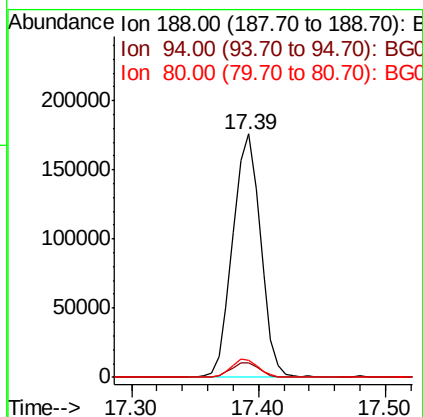
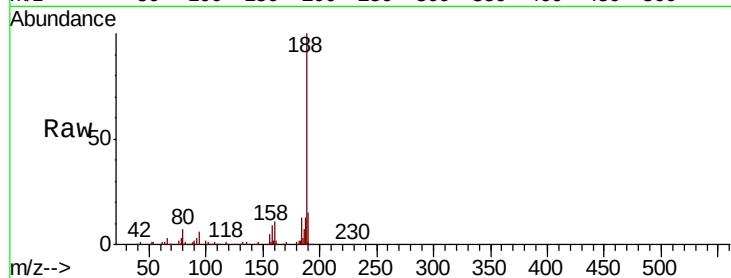




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

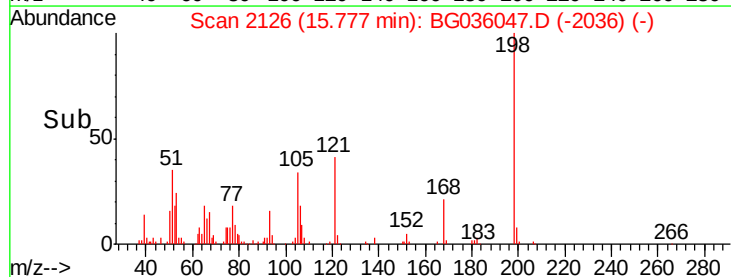
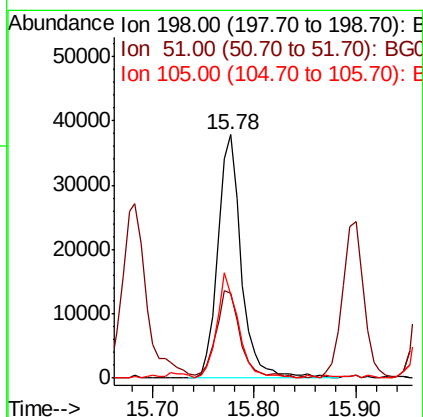
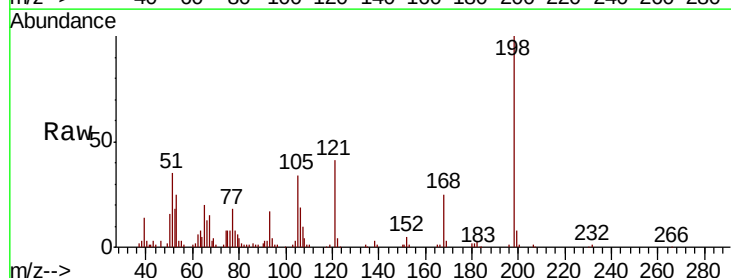
Instrument :
BNA_G
ClientSampleId :

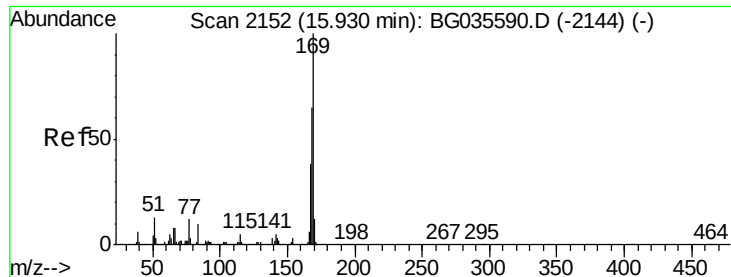
Tot Ion:188 Resp: 267544
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 7.0 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.658 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG036047.D
Acq: 2 Aug 2018 00:28

Tgt Ion:198 Resp: 60553
Ion Ratio Lower Upper
198 100
51 34.6 30.6 70.6
105 34.1 23.8 63.8

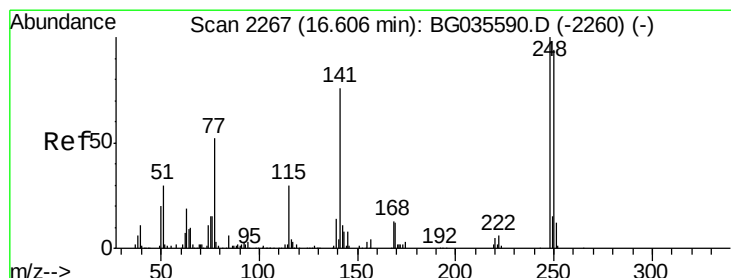
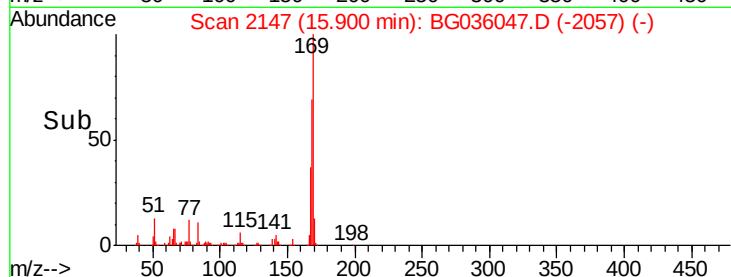
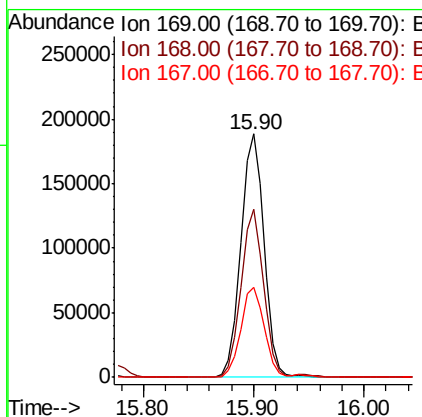
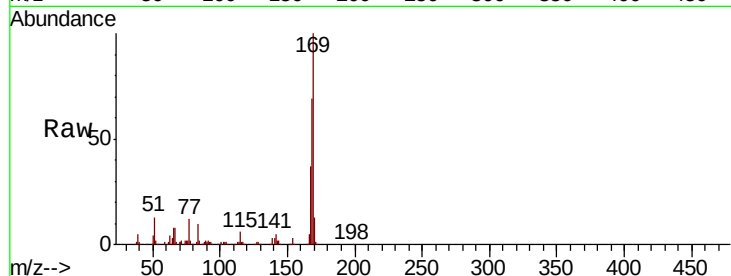




#65
 n-Nitrosodiphenylamine
 Concen: 36.562 ng
 RT: 15.90 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

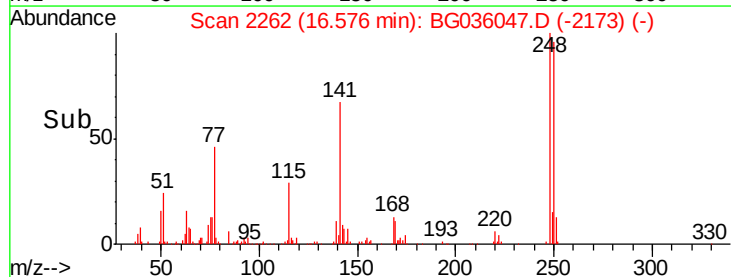
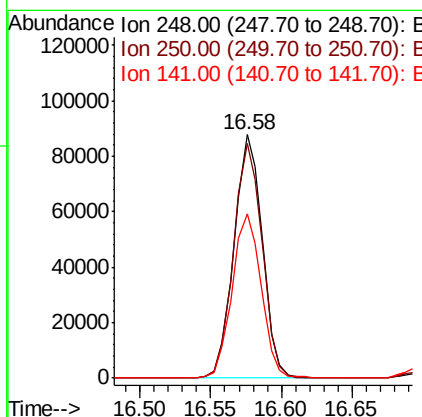
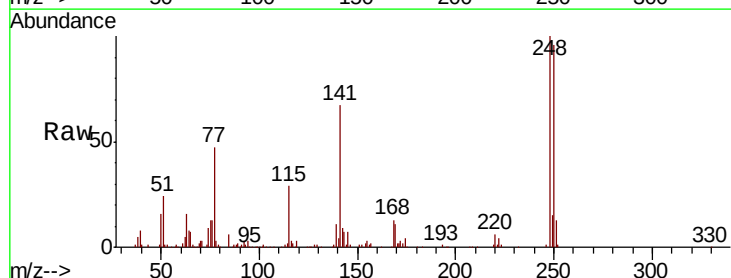
Instrument :
 BNA_G
 ClientSampleId :

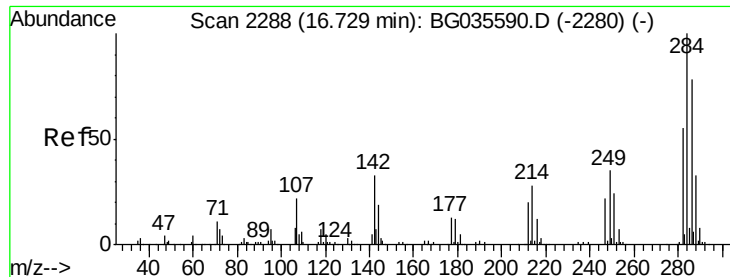
Tot Ion	169	Resp	278427
Ion Ratio	100		
Lower	55.7		
Upper	83.5		
168	68.8		
167	37.0		



#66
 4-Bromophenyl-phenylether
 Concen: 39.394 ng
 RT: 16.58 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Tgt Ion	248	Resp	122279
Ion Ratio	100		
Lower	77.1		
Upper	115.7		
250	96.4		
141	67.3		





#67

Hexachlorobenzene

Concen: 39.804 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampled :

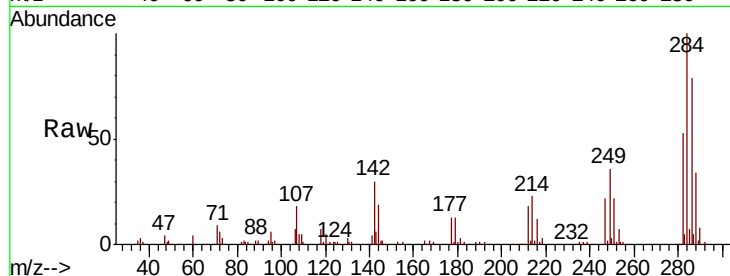
Tot Ion:284 Resp: 127234

Ion Ratio Lower Upper

284 100

142 30.1 26.8 40.2

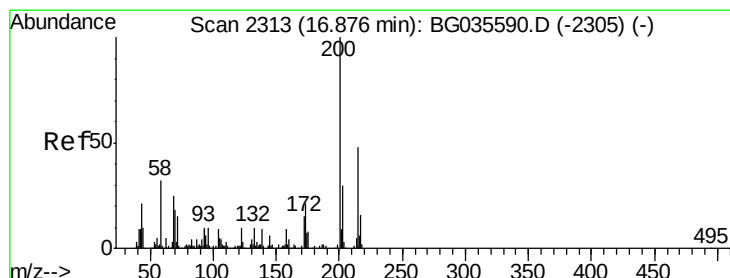
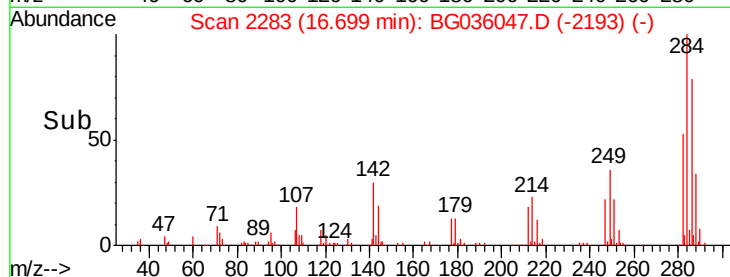
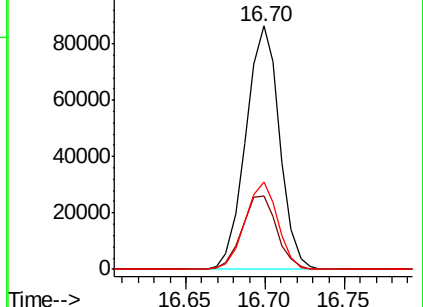
249 35.8 26.3 39.5



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: 40.432 ng

RT: 16.85 min Scan# 2308

Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

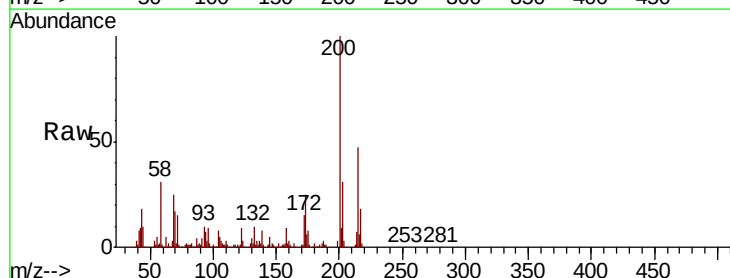
Tgt Ion:200 Resp: 126773

Ion Ratio Lower Upper

200 100

173 25.4 5.2 45.2

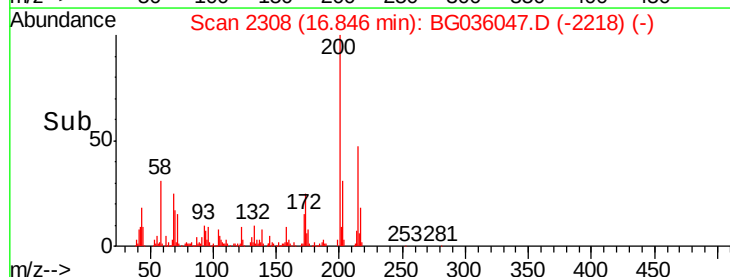
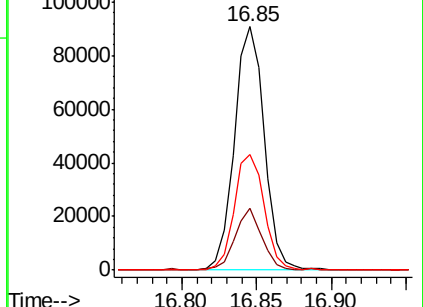
215 47.3 30.4 70.4

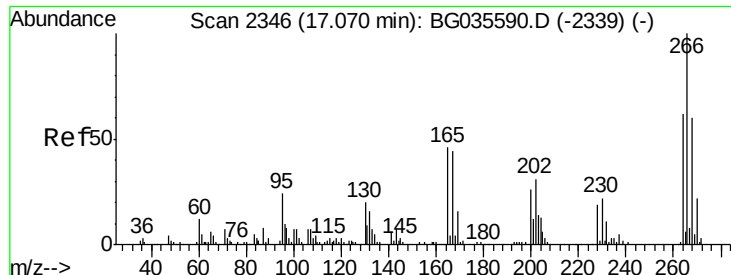


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

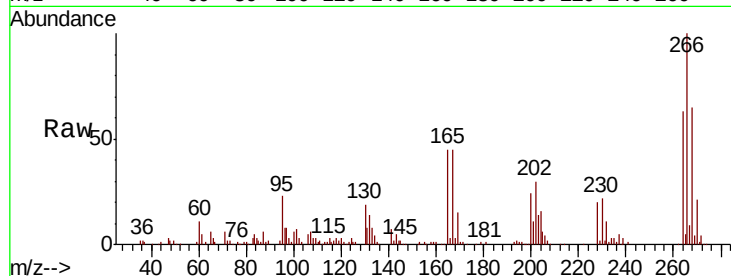




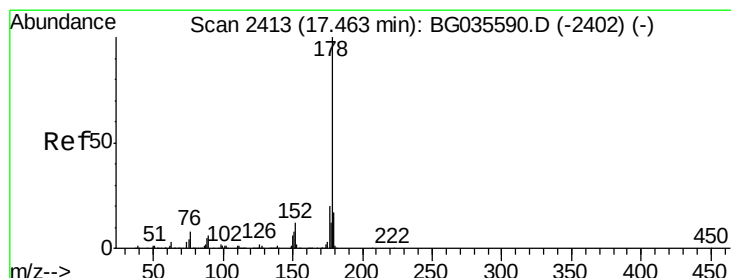
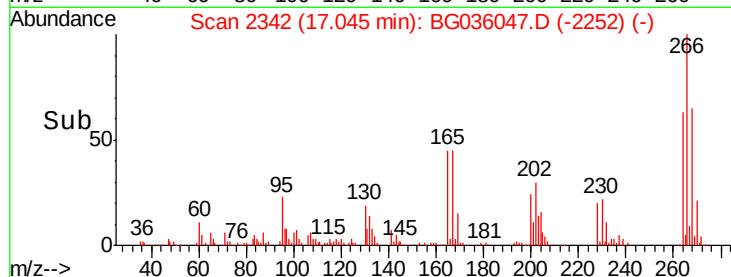
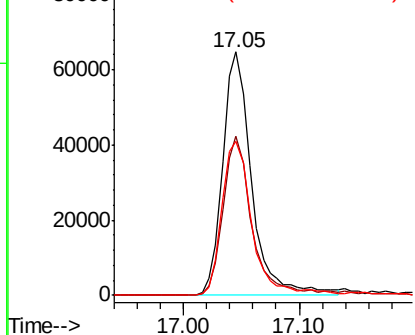
#69
 Pentachlorophenol
 Concen: 58.023 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 112969
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.1 76.7
 264 63.4 49.6 74.4

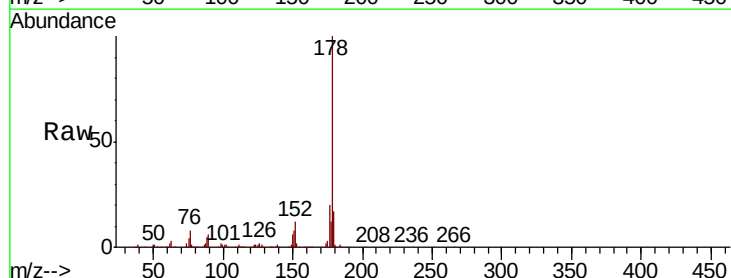


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

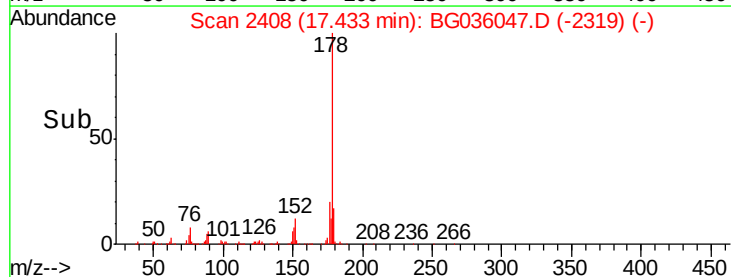
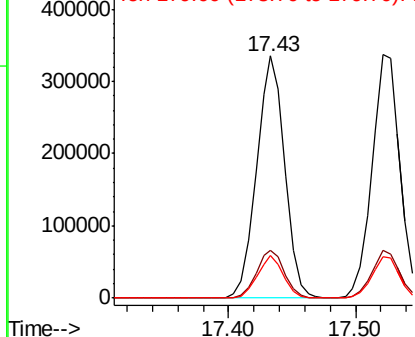


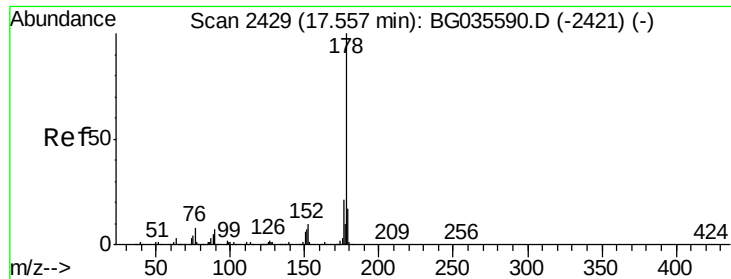
#70
 Phenanthrene
 Concen: 38.507 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Tgt Ion:178 Resp: 514074
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 179 17.4 12.5 18.7



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

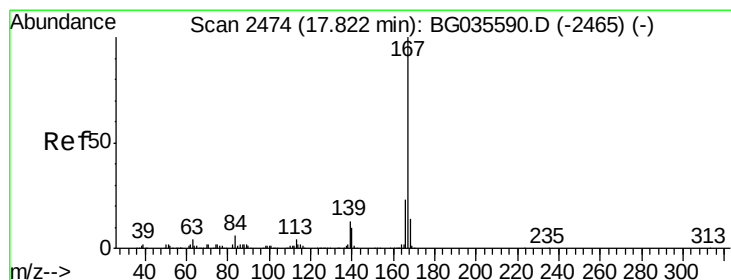
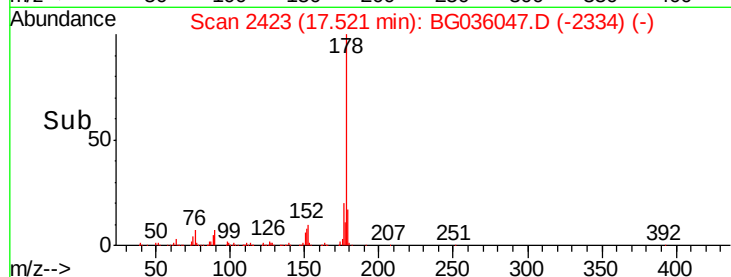
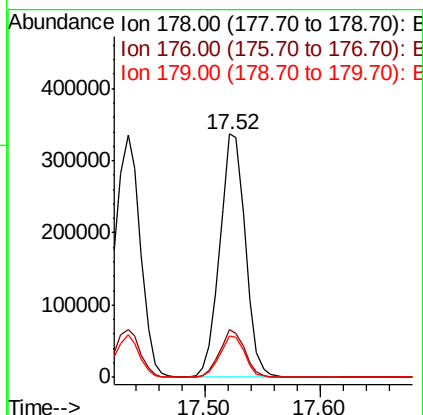
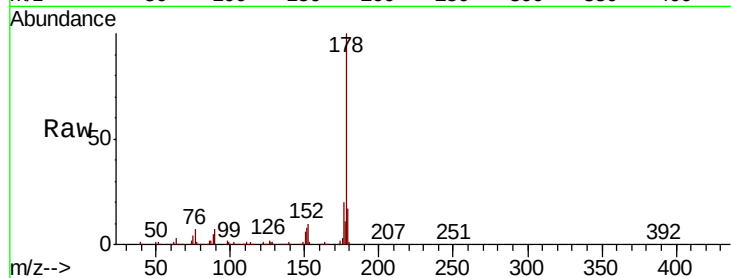




#71
 Anthracene
 Concen: 38.737 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

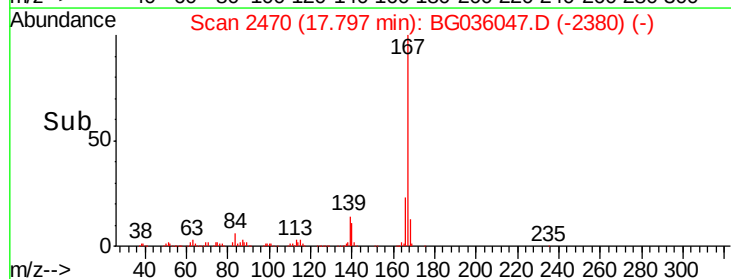
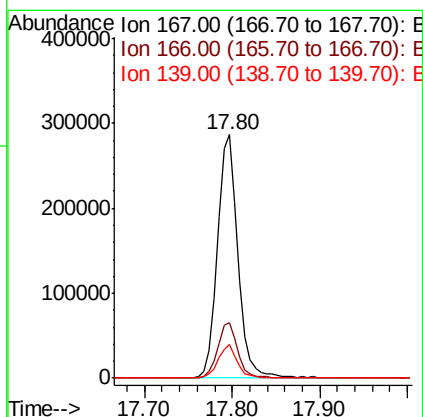
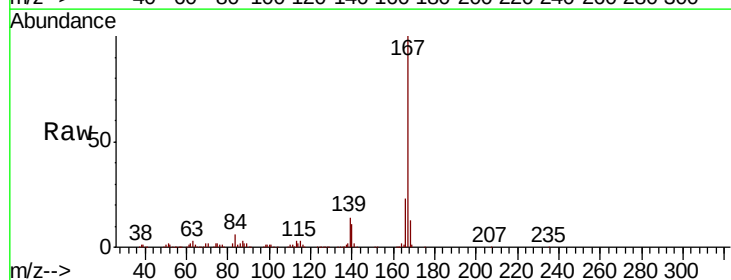
Instrument :
 BNA_G
 ClientSampleId :

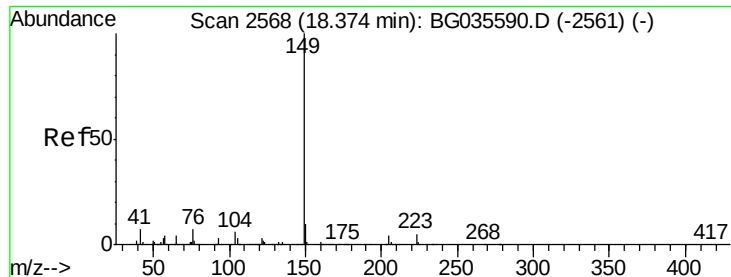
Tot Ion:178 Resp: 514928
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 16.9 12.5 18.7



#72
 Carbazole
 Concen: 37.016 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Tgt Ion:167 Resp: 467295
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.4
 139 13.9 9.4 14.2





#73

Di-n-butylphthalate

Concen: 35.763 ng

RT: 18.34 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG036047.D

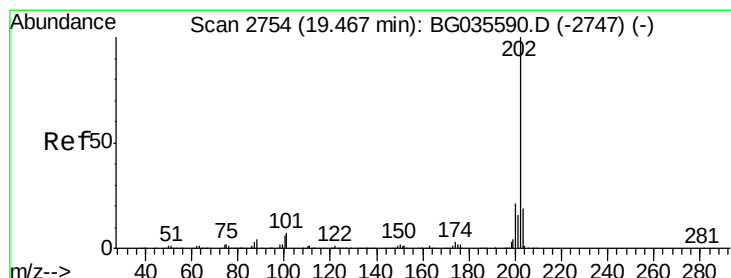
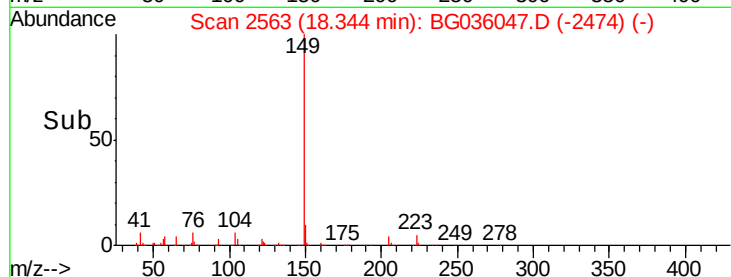
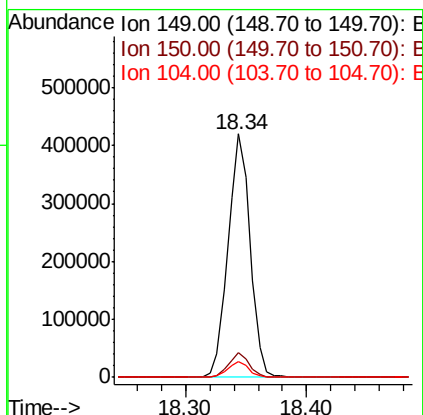
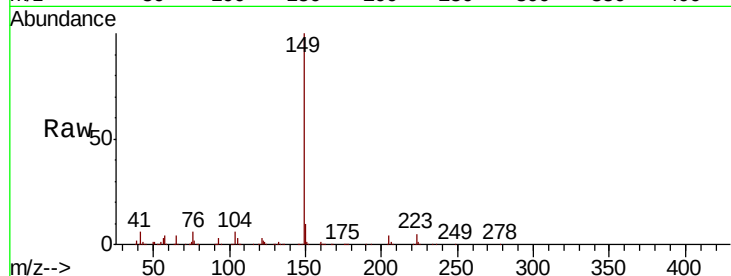
Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampled :

Tot Ion:149	Resp:	533517
Ion Ratio	Lower	Upper
149	100	
150	10.4	7.8 11.6
104	6.3	3.9 5.9#



#74

Fluoranthene

Concen: 37.104 ng

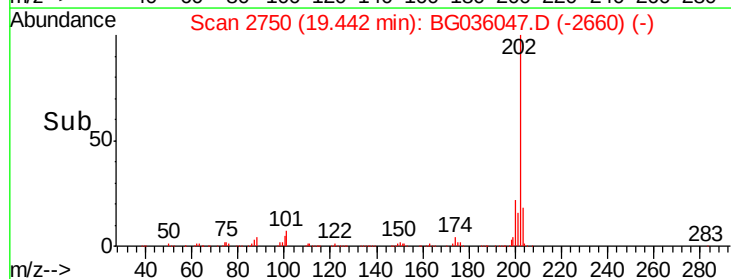
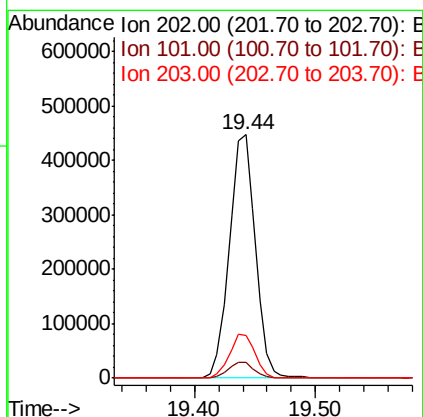
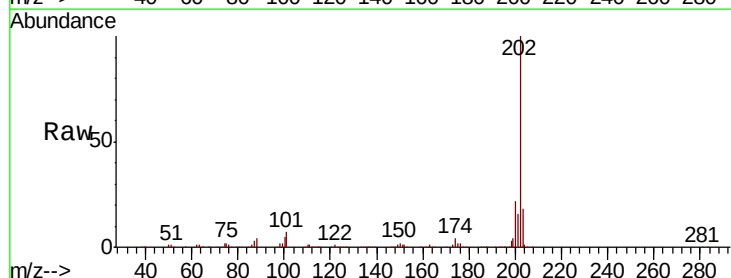
RT: 19.44 min Scan# 2750

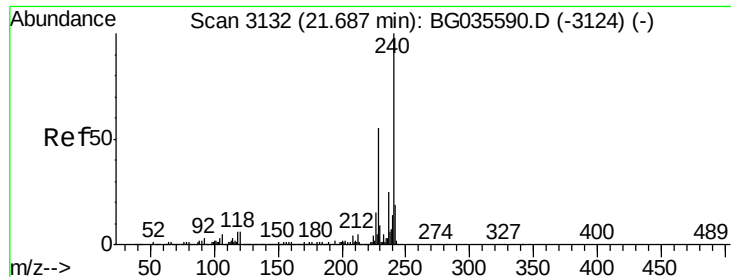
Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Tgt Ion:202	Resp:	667207
Ion Ratio	Lower	Upper
202	100	
101	6.7	0.0 28.9
203	17.5	0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampleId :

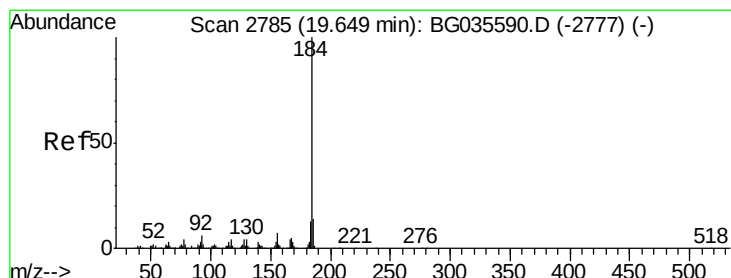
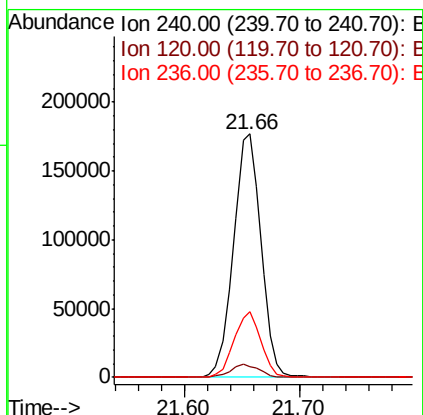
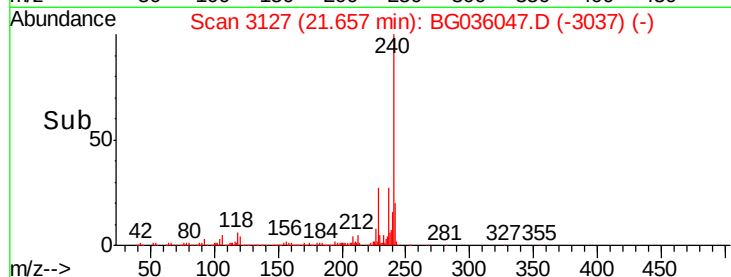
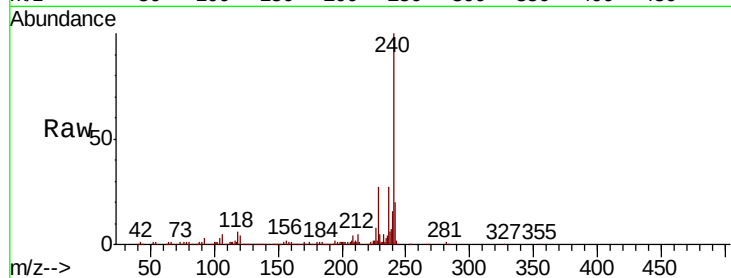
Tot Ion:240 Resp: 291344

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

236 27.0 20.9 31.3



#76

Benzidine

Concen: 19.256 ng

RT: 19.62 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

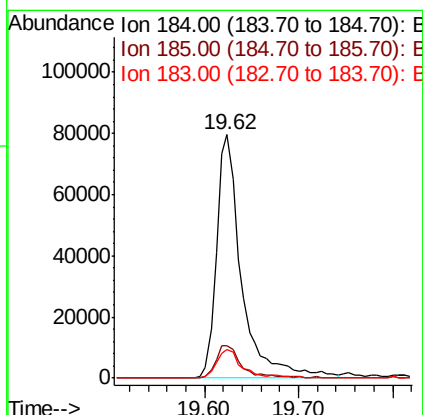
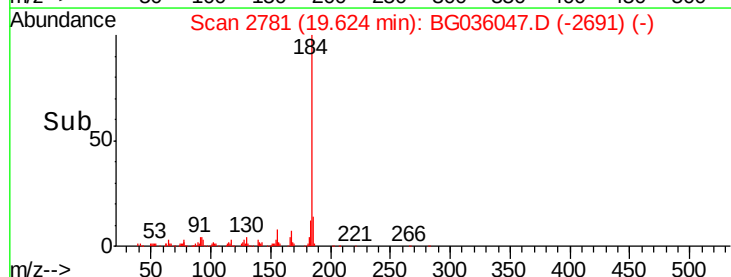
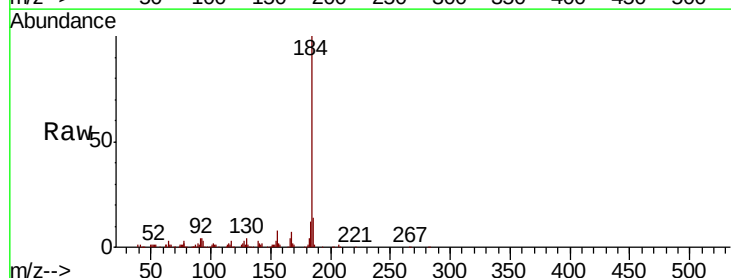
Tgt Ion:184 Resp: 147490

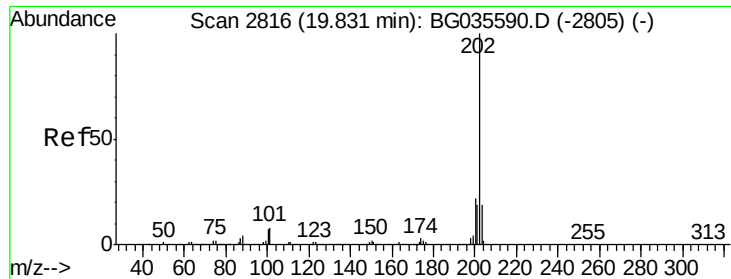
Ion Ratio Lower Upper

184 100

185 13.5 11.1 16.7

183 11.9 10.6 16.0





#77

Pvrene

Concen: 36.660 ng

RT: 19.80 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

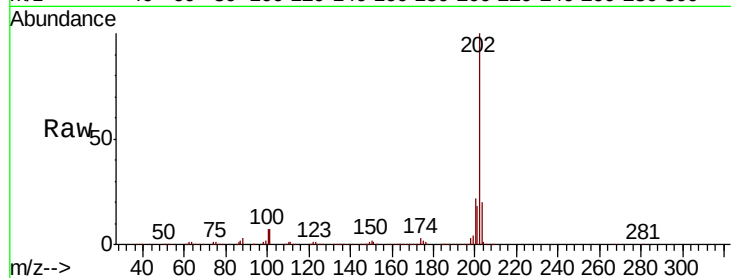
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 675347

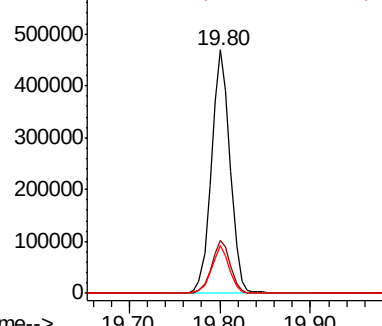
Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	19.7	13.9	20.9



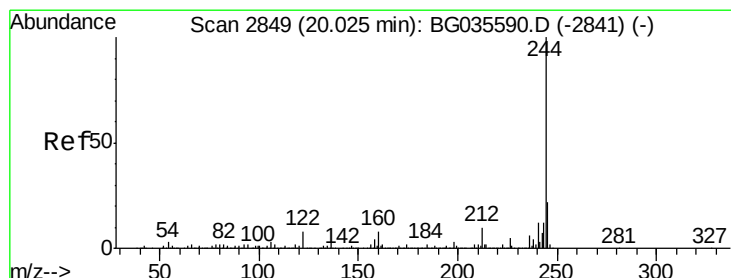
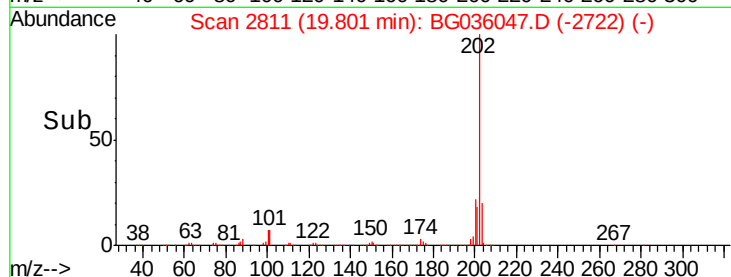
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.70 19.80 19.90



#78

Terphenyl-d14

Concen: 80.581 ng

RT: 19.99 min Scan# 2844

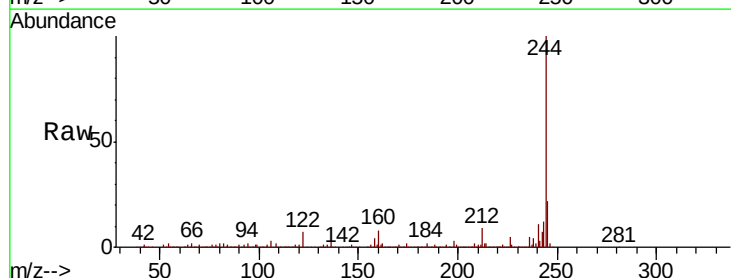
Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Tgt Ion:244 Resp: 1065045

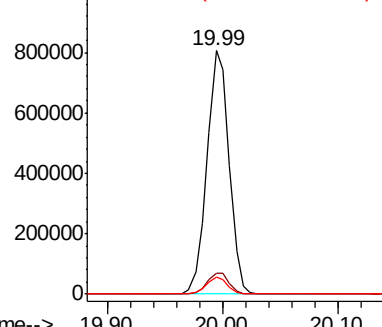
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	6.8	7.0	10.4#



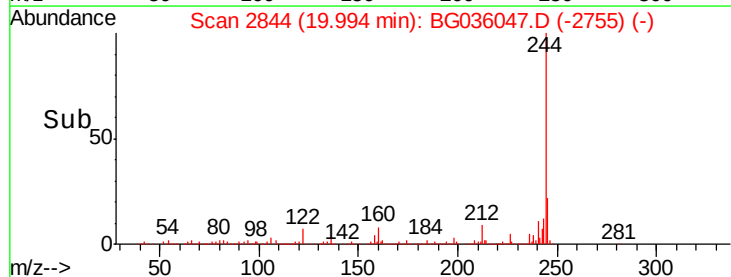
Abundance Ion 244.00 (243.70 to 244.70): E

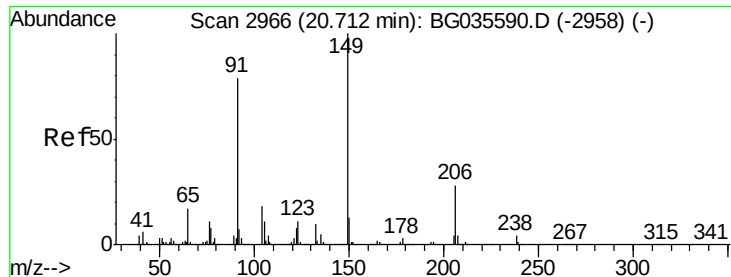
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10





#79

Butylbenzylphthalate

Concen: 38.285 ng

RT: 20.68 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampleId :

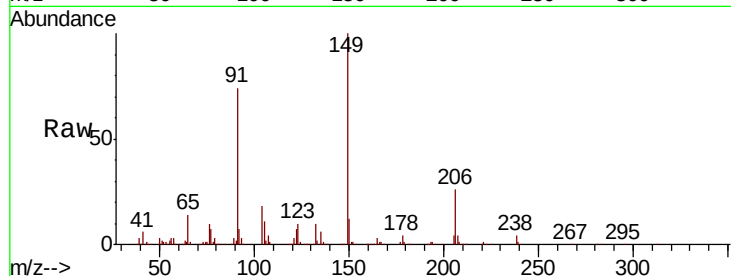
Tot Ion:149 Resp: 252213

Ion Ratio Lower Upper

149 100

91 73.6 62.2 93.2

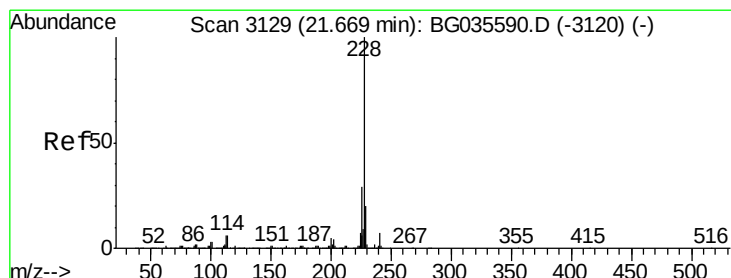
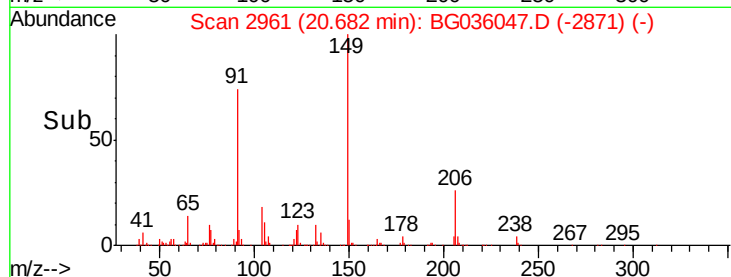
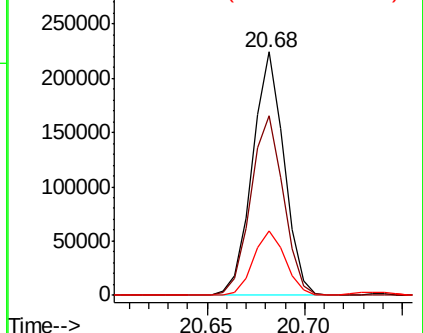
206 26.5 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.420 ng

RT: 21.63 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

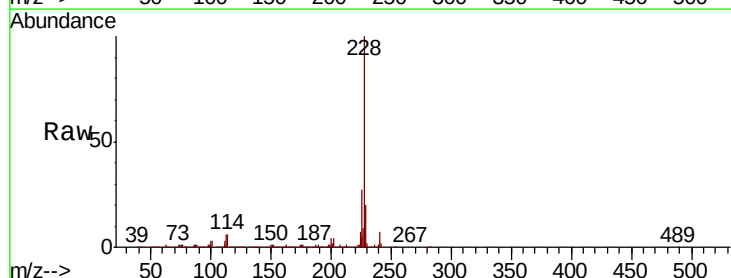
Tgt Ion:228 Resp: 697545

Ion Ratio Lower Upper

228 100

226 26.5 22.7 34.1

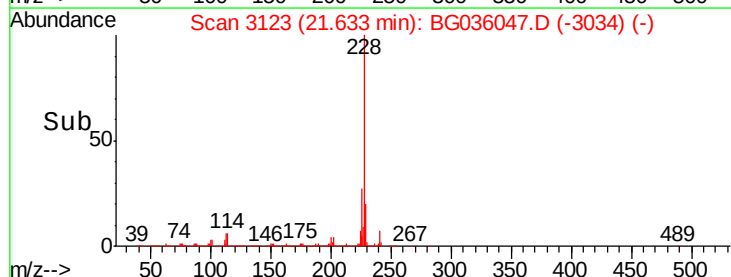
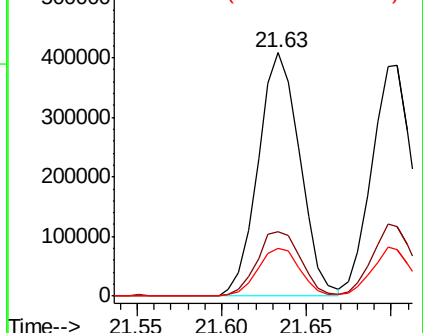
229 19.9 16.2 24.2

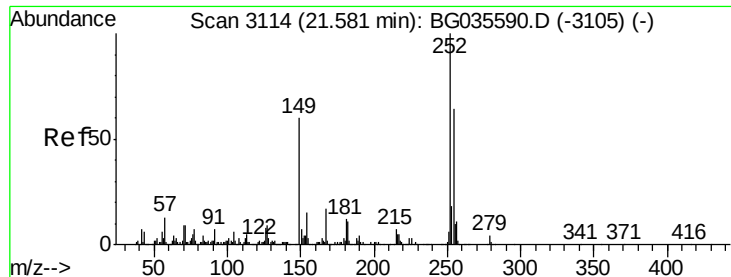


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

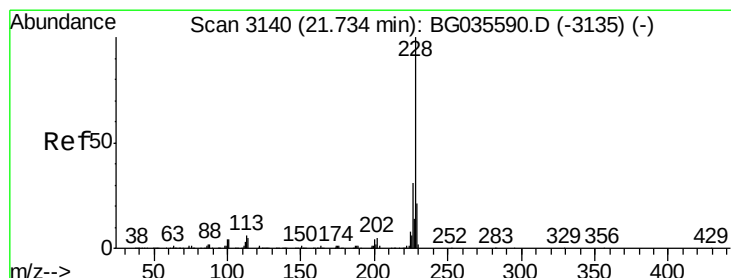
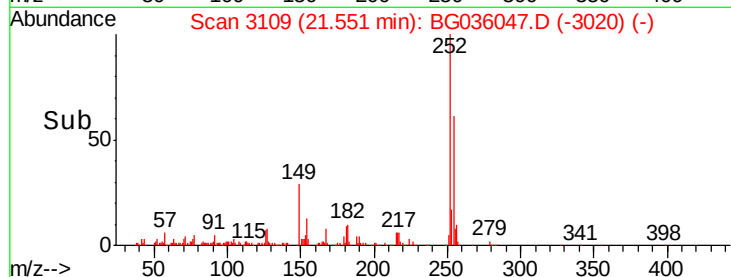
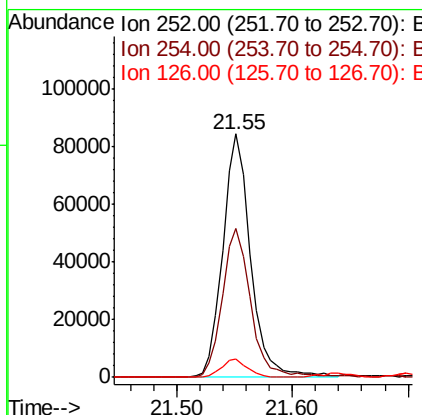
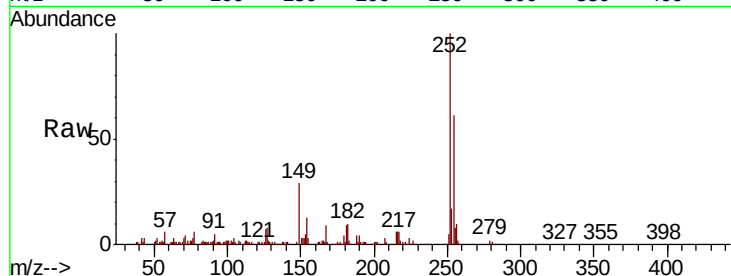




#81
 3,3'-Dichlorobenzidine
 Concen: 22.373 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

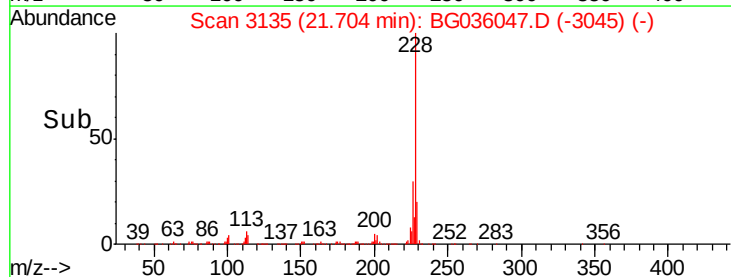
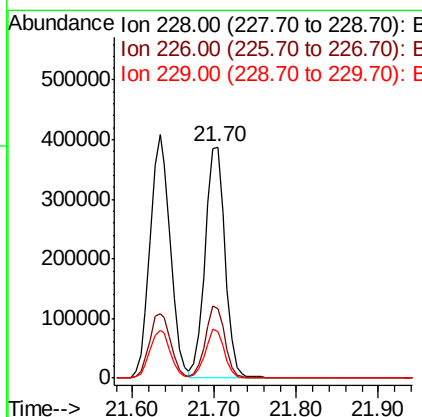
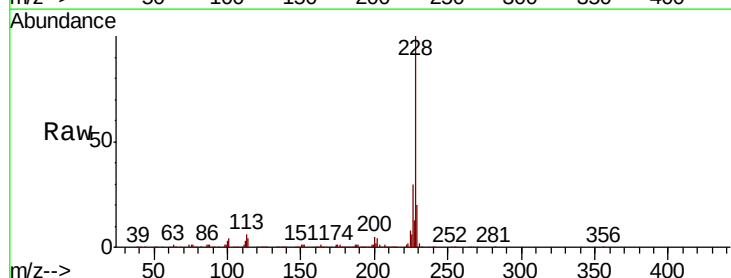
Instrument :
 BNA_G
 ClientSampled :

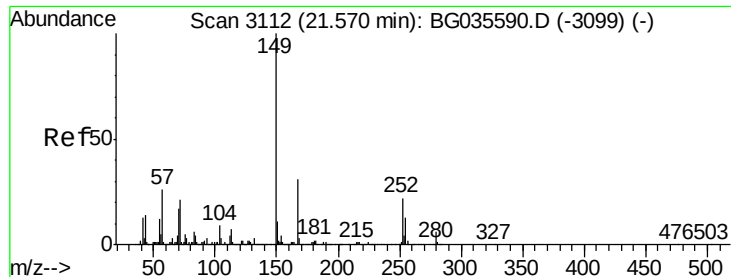
Tot Ion:252 Resp: 141636
 Ion Ratio Lower Upper
 252 100
 254 61.3 50.8 76.2
 126 7.4 7.4 11.2#



#82
 Chrysene
 Concen: 39.004 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Tgt Ion:228 Resp: 656225
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 20.2 15.0 22.4

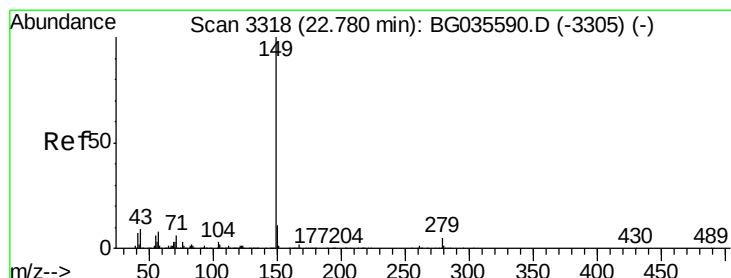
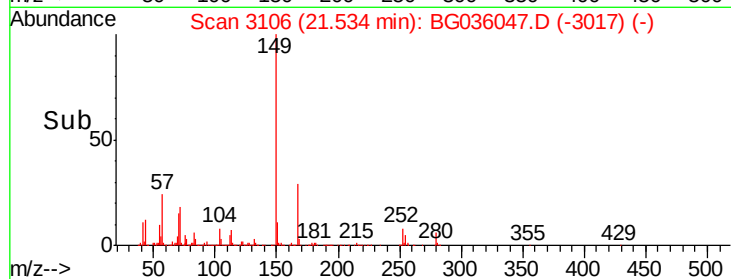
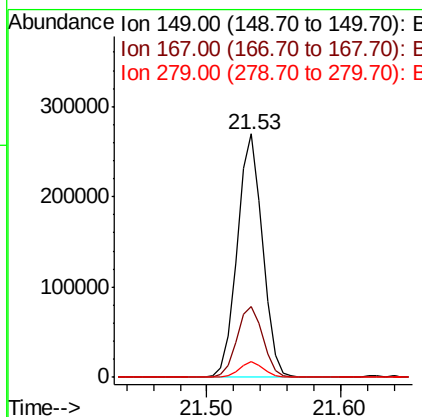
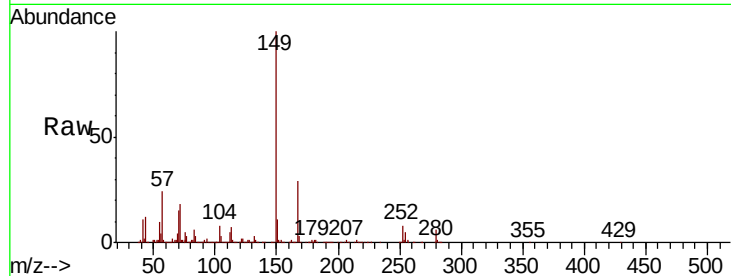




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.347 ng
 RT: 21.53 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

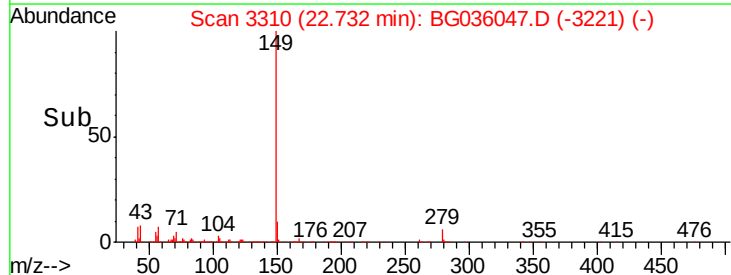
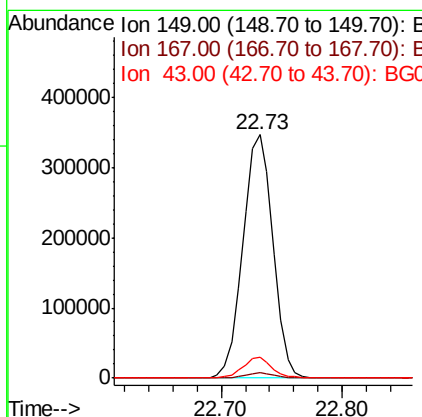
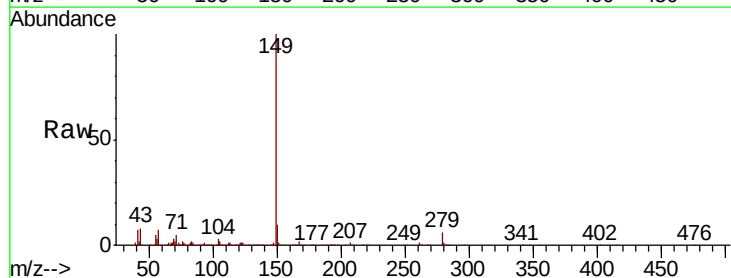
Instrument :
 BNA_G
 ClientSampleId :

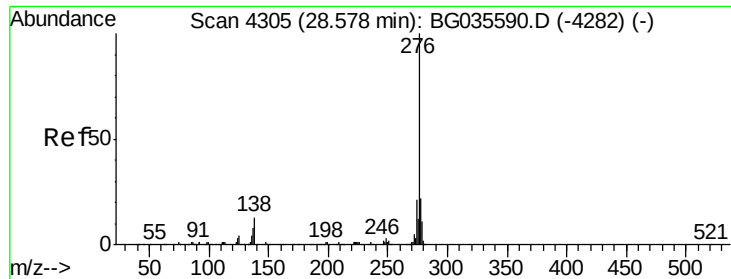
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.3	36.5
279	6.5	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 40.180 ng
 RT: 22.73 min Scan# 3310
 Delta R.T. -0.01 min
 Lab File: BG036047.D
 Acq: 2 Aug 2018 00:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.0	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.107 ng

RT: 28.49 min Scan# 4290

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampleId :

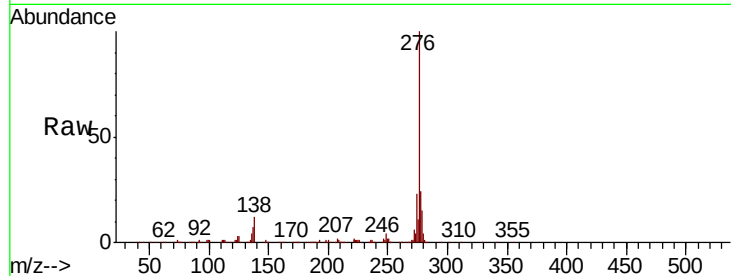
Tot Ion:276 Resp: 728449

Ion Ratio Lower Upper

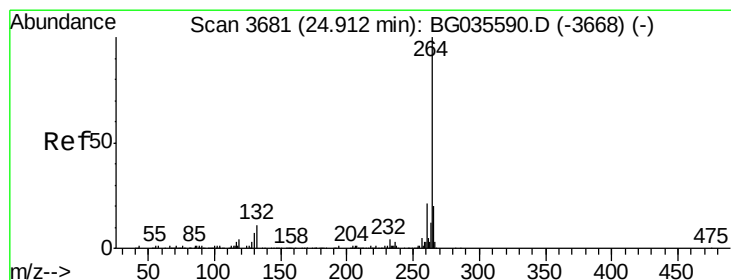
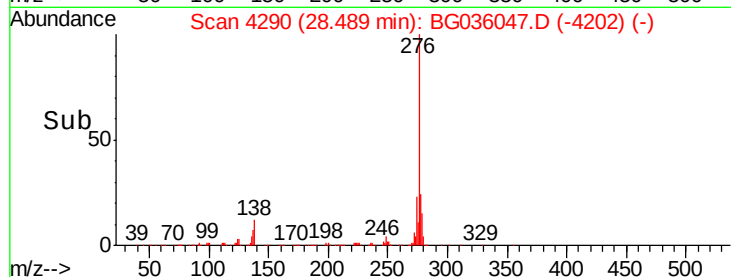
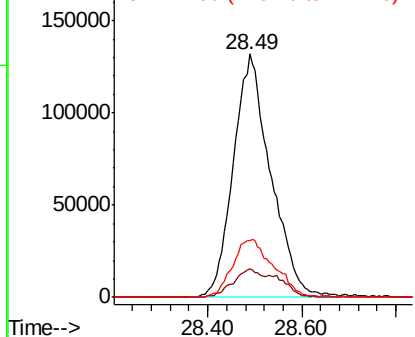
276 100

138 9.2 16.0 24.0#

277 26.1 20.0 30.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

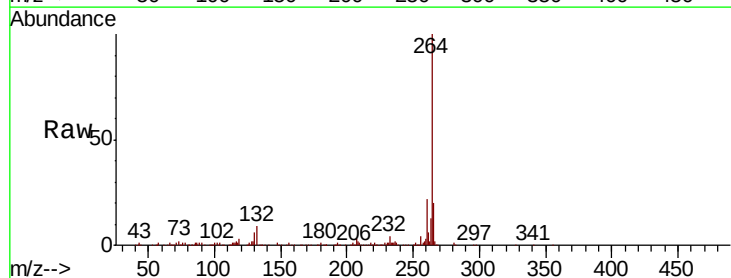
Tgt Ion:264 Resp: 276260

Ion Ratio Lower Upper

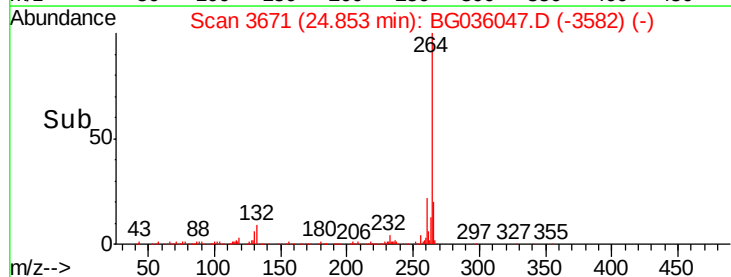
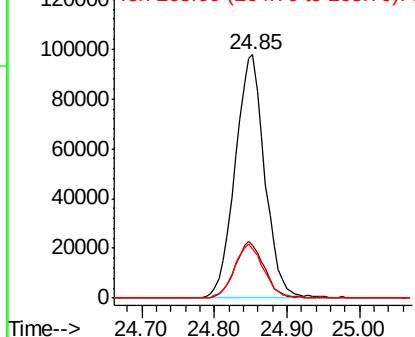
264 100

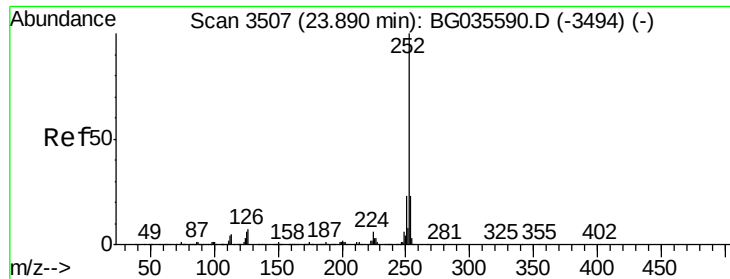
260 21.9 17.4 26.0

265 19.9 17.7 26.5



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





#87

Benzo(b)fluoranthene

Concen: 39.109 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampleId :

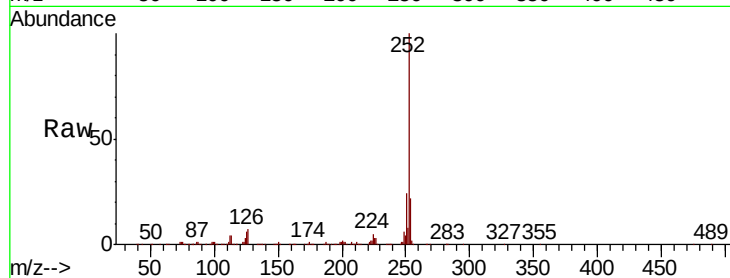
Tot Ion:252 Resp: 656672

Ion Ratio Lower Upper

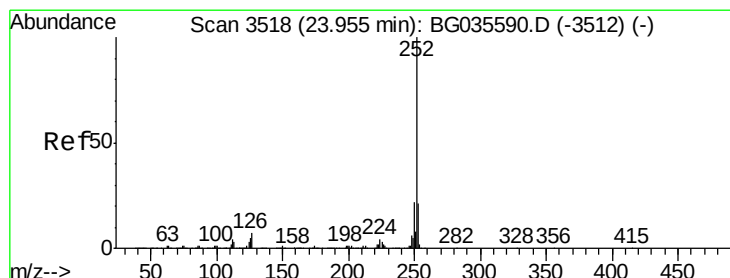
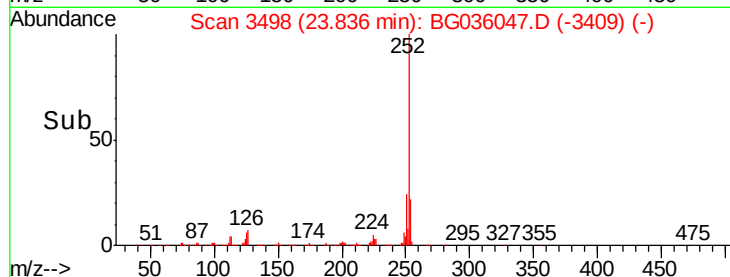
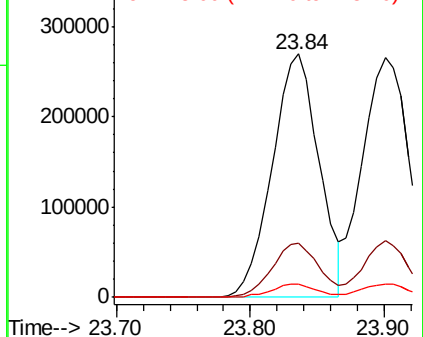
252 100

253 22.1 18.2 27.4

125 5.6 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 39.090 ng

RT: 23.90 min Scan# 3509

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

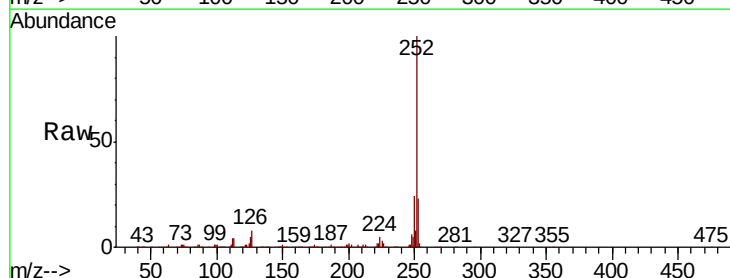
Tgt Ion:252 Resp: 641681

Ion Ratio Lower Upper

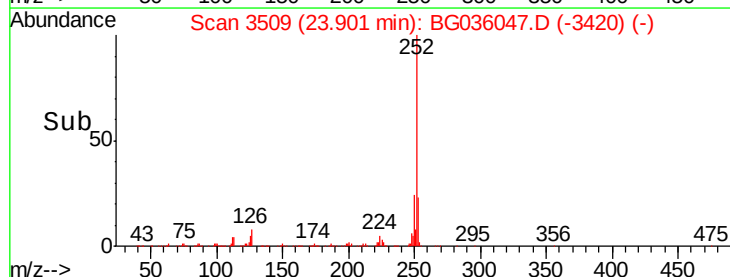
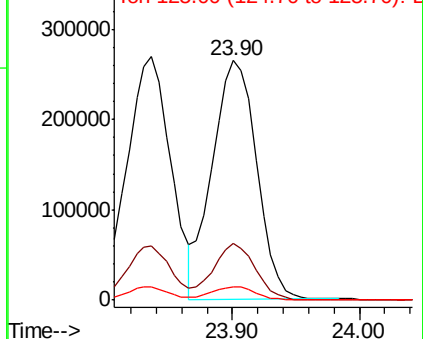
252 100

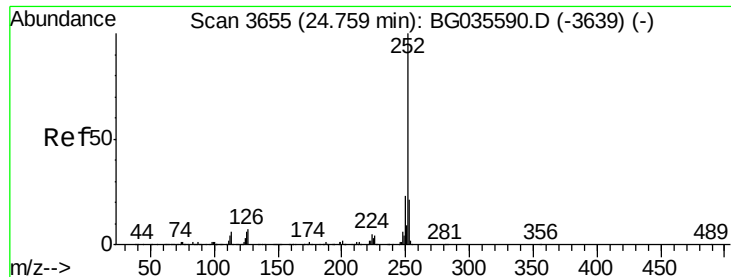
253 23.4 17.4 26.2

125 5.5 6.6 9.8#



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





#89

Benzo(a)pyrene

Concen: 41.045 ng

RT: 24.70 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampleId :

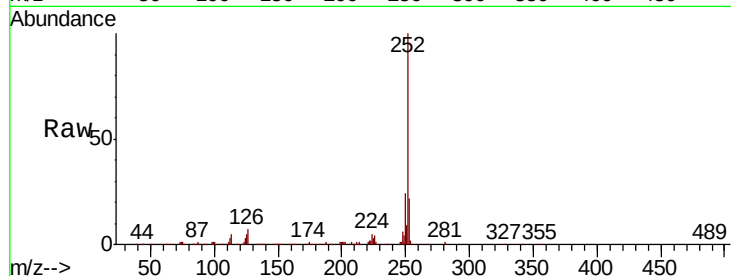
Tot Ion:252 Resp: 641164

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

125 5.1 7.3 10.9#

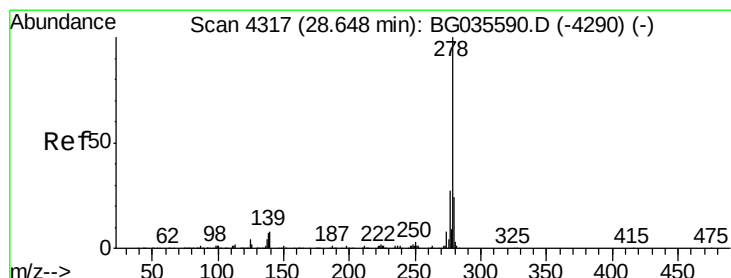
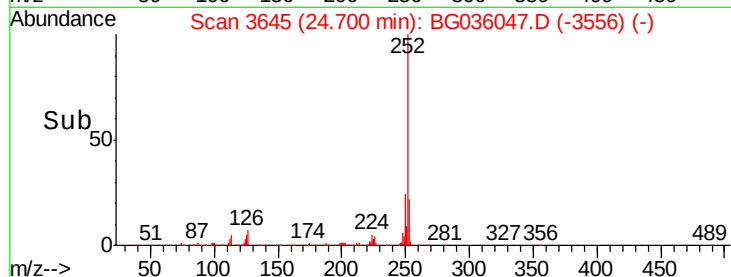
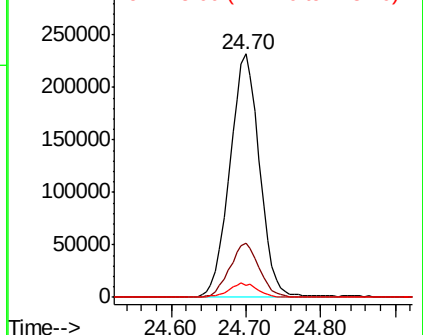


Abundance

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: 40.142 ng

RT: 28.55 min Scan# 4301

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

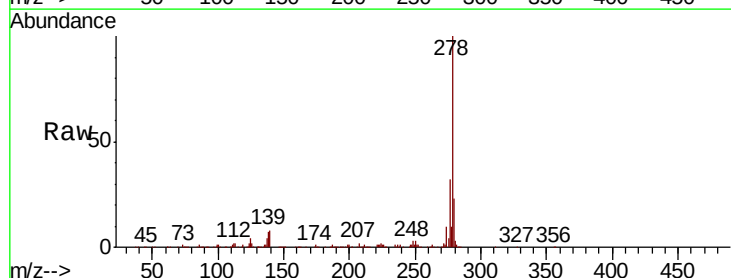
Tgt Ion:278 Resp: 615610

Ion Ratio Lower Upper

278 100

139 8.0 9.8 14.6#

279 22.8 18.4 27.6

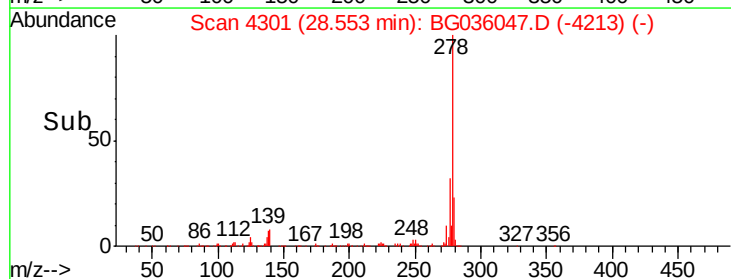
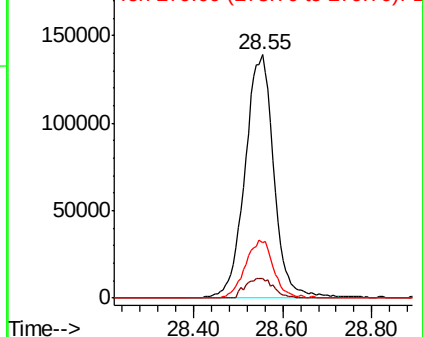


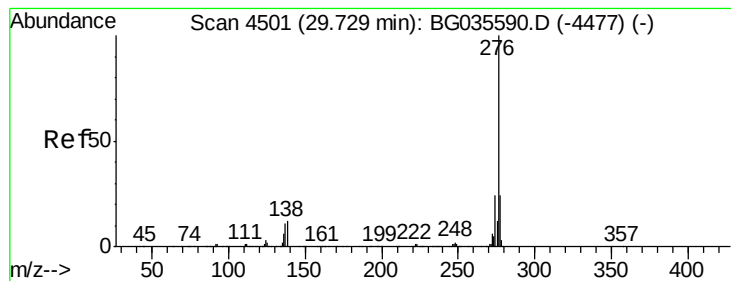
Abundance

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: 40.597 ng

RT: 29.62 min Scan# 4483

Delta R.T. -0.01 min

Lab File: BG036047.D

Acq: 2 Aug 2018 00:28

Instrument :

BNA_G

ClientSampleId :

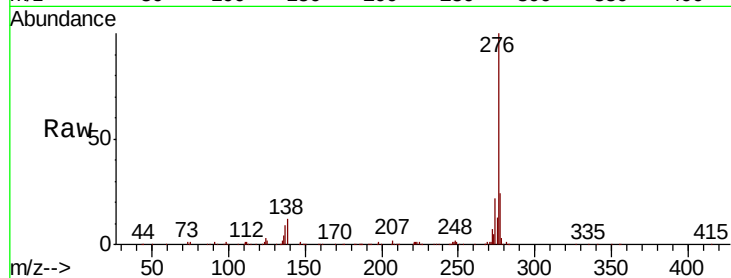
Tot Ion:276 Resp: 609235

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 11.9 13.9 20.9#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

