

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036652.D
 Acq On : 11 Sep 2018 8:38
 Operator : JU/SJ
 Sample : PB112716BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112716BSD

Quant Time: Sep 11 11:11:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61228	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	265513	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	176661	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	425613	20.00	ng	0.00
75) Chrysene-d12	21.69	240	416170	20.00	ng	0.00
86) Perylene-d12	24.90	264	428634	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	392093	101.58	ng	0.00
7) Phenol-d6	7.22	99	557748	100.93	ng	0.00
23) Nitrobenzene-d5	9.22	82	491117	100.36	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	228823	108.55	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1155501	93.39	ng	0.00
78) Terphenyl-d14	20.03	244	1757277	98.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	51936	28.832	ng	96
3) Pyridine	3.93	79	169002	33.424	ng	93
4) n-Nitrosodimethylamine	3.84	42	89920	39.928	ng	91
6) Aniline	7.37	93	259016	36.925	ng	98
8) 2-Chlorophenol	7.62	128	200183	47.825	ng	99
9) Benzaldehyde	7.19	77	106139	27.891	ng	97
10) Phenol	7.24	94	284753	49.238	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	190615	41.575	ng	99
12) 1,3-Dichlorobenzene	7.94	146	193601	40.506	ng	99
13) 1,4-Dichlorobenzene	8.09	146	194119	40.228	ng	98
14) 1,2-Dichlorobenzene	8.41	146	191874	41.635	ng	98
15) Benzyl Alcohol	8.29	79	203170	45.605	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	351969	38.066	ng	99
17) 2-Methylphenol	8.49	107	190572	49.627	ng	97
18) Hexachloroethane	9.14	117	71270	41.194	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	169767	41.104	ng	93
20) 3+4-Methylphenols	8.82	107	266928	49.788	ng	99
22) Acetophenone	8.87	105	311944	44.741	ng	# 99
24) Nitrobenzene	9.26	77	247493	46.901	ng	97
25) Isophorone	9.78	82	474645	48.825	ng	99
26) 2-Nitrophenol	9.97	139	114561	54.786	ng	98
27) 2,4-Dimethylphenol	10.02	122	210609	54.401	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	278085	46.609	ng	98
29) 2,4-Dichlorophenol	10.51	162	230795	54.396	ng	92
30) 1,2,4-Trichlorobenzene	10.72	180	224793	45.290	ng	99
31) Naphthalene	10.91	128	639900	48.212	ng	99
32) Benzoic acid	10.15	122	91569	33.405	ng	96
33) 4-Chloroaniline	11.01	127	188059	30.920	ng	97
34) Hexachlorobutadiene	11.19	225	150001	44.980	ng	99
35) Caprolactam	11.79	113	81041	47.948	ng	# 90
36) 4-Chloro-3-methylphenol	12.13	107	254493	51.621	ng	98
37) 2-Methylnaphthalene	12.51	142	512109	52.731	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	291276	46.591	ng	98
40) Hexachlorocyclopentadiene	12.86	237	357826	110.005	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	199455	52.374	ng	98
43) 2,4,5-Trichlorophenol	13.19	196	213626	52.592	ng	98
45) 1,1'-Biphenyl	13.51	154	660616	45.049	ng	99
46) 2-Chloronaphthalene	13.56	162	513192	45.842	ng	99
47) 2-Nitroaniline	13.76	65	181000	51.488	ng	99
48) Acenaphthylene	14.40	152	862601	49.303	ng	100
49) Dimethylphthalate	14.13	163	693375	48.066	ng	98
50) 2,6-Dinitrotoluene	14.25	165	152216	51.280	ng	89
51) Acenaphthene	14.74	154	536164	47.850	ng	100
52) 3-Nitroaniline	14.58	138	127911	39.987	ng	95
53) 2,4-Dinitrophenol	14.78	184	64700	57.545	ng	95
54) Dibenzofuran	15.08	168	818073	46.601	ng	99
55) 4-Nitrophenol	14.88	139	212105	81.098	ng	99
56) 2,4-Dinitrotoluene	15.04	165	212007	54.801	ng	90
57) Fluorene	15.72	166	647027	49.304	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	211033	55.296	ng	94
59) Diethylphthalate	15.49	149	670209	46.101	ng	97
60) 4-Chlorophenyl-phenylether	15.72	204	379460	46.827	ng	97
61) 4-Nitroaniline	15.75	138	157869	47.163	ng	95
62) Azobenzene	16.01	77	658002	44.485	ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	80912	43.277	ng	95
65) n-Nitrosodiphenylamine	15.93	169	591265	46.754	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	251459	50.463	ng	98
67) Hexachlorobenzene	16.73	284	251663	49.391	ng	98
68) Atrazine	16.88	200	243803	51.361	ng	98
69) Pentachlorophenol	17.07	266	262171	75.707	ng	96
70) Phenanthrene	17.46	178	1060907	49.056	ng	98
71) Anthracene	17.56	178	1073229	49.783	ng	97
72) Carbazole	17.82	167	937496	43.544	ng	99
73) Di-n-butylphthalate	18.38	149	1052458	43.899	ng	99
74) Fluoranthene	19.47	202	1264111	47.942	ng	99
76) Benzidine	19.65	184	567822	42.765	ng	99
77) Pyrene	19.83	202	1241493	48.511	ng	98
79) Butylbenzylphthalate	20.72	149	497092	48.807	ng	93
80) Benzo(a)anthracene	21.67	228	1270016	50.373	ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	344323	34.267	ng	99
82) Chrysene	21.73	228	1171589	49.025	ng	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	670416	47.039	ng	99
84) Di-n-octyl phthalate	22.79	149	1130749	47.499	ng	97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1234645	44.481	ng	99
87) Benzo(b)fluoranthene	23.88	252	1253122	52.648	ng	96
88) Benzo(k)fluoranthene	23.95	252	1190164	51.182	ng	98
89) Benzo(a)pyrene	24.75	252	1208933	52.856	ng	98
90) Dibenzo(a,h)anthracene	28.61	278	957085	43.345	ng	# 97
91) Benzo(g,h,i)perylene	29.69	276	998010	44.977	ng	97

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

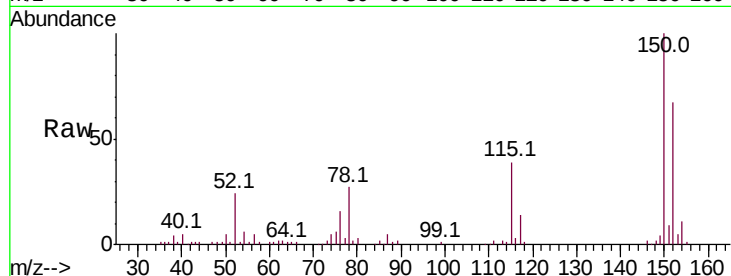


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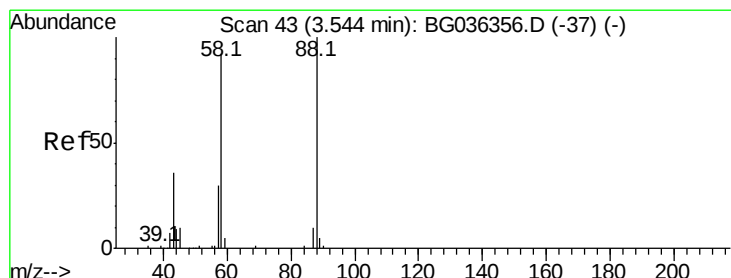
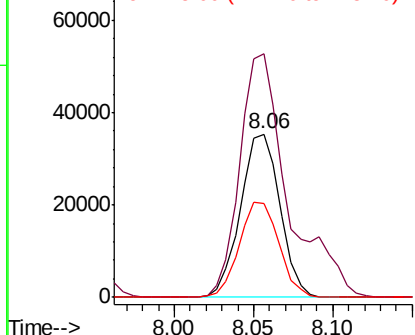
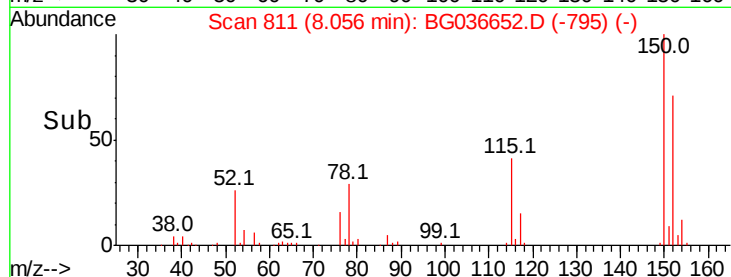
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :
PB112716BSD

Tot Ion:152 Resp: 61228
Ion Ratio Lower Upper
152 100
150 149.4 119.5 179.3
115 57.8 44.5 66.7



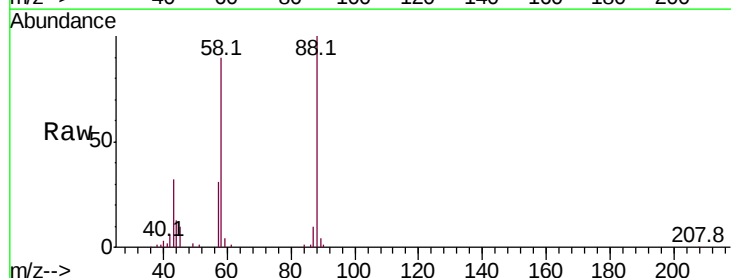
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



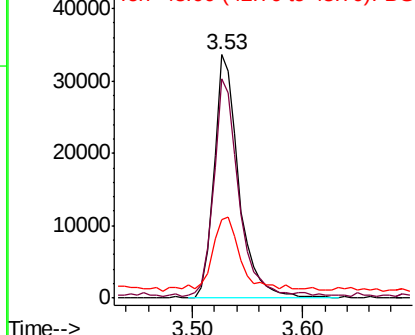
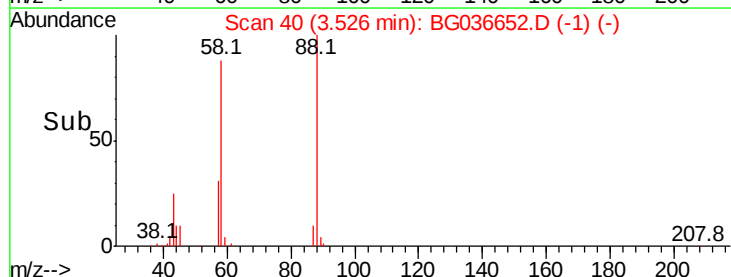
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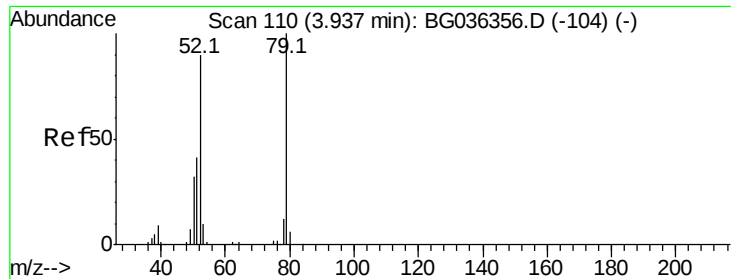
1,4-Dioxane
Concen: 28.832 ng
RT: 3.53 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion: 88 Resp: 51936
Ion Ratio Lower Upper
88 100
58 88.5 72.6 109.0
43 31.7 29.0 43.4



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





#3

Pvridine

Concen: 33.424 ng

RT: 3.93 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB112716BSD

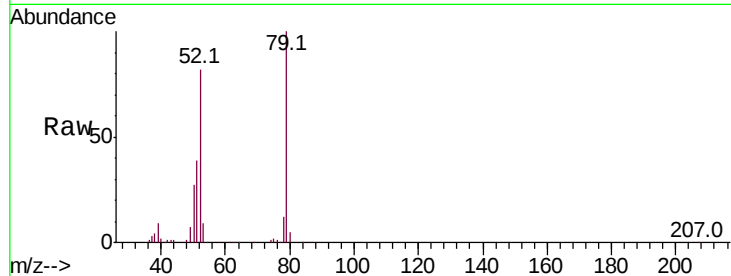
Tot Ion: 79 Resp: 169002

Ion Ratio Lower Upper

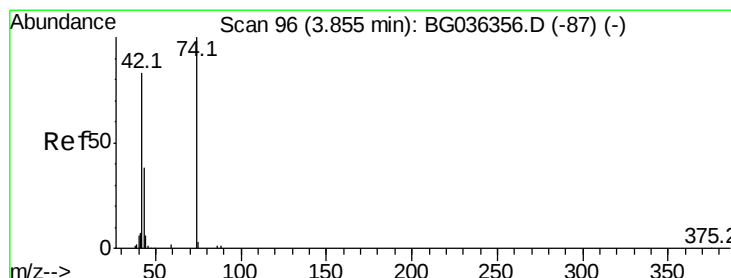
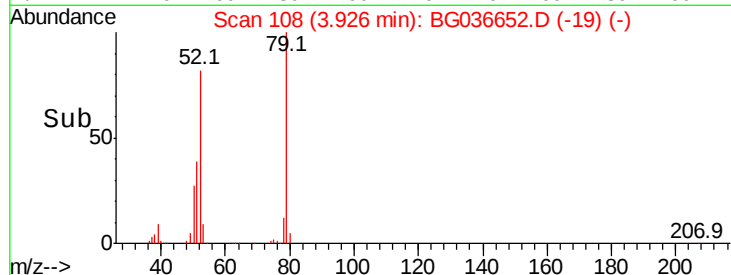
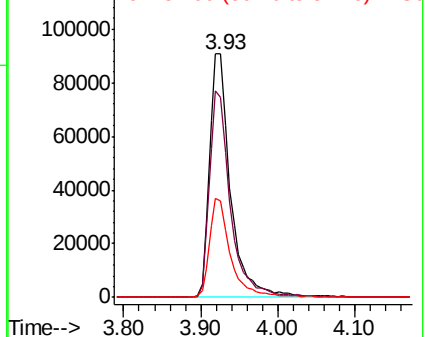
79 100

52 82.4 72.3 108.5

51 39.5 33.8 50.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.928 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

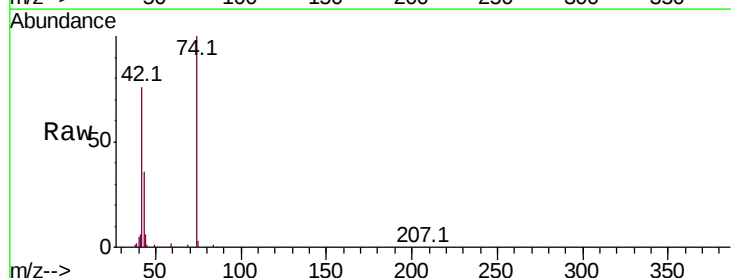
Tgt Ion: 42 Resp: 89920

Ion Ratio Lower Upper

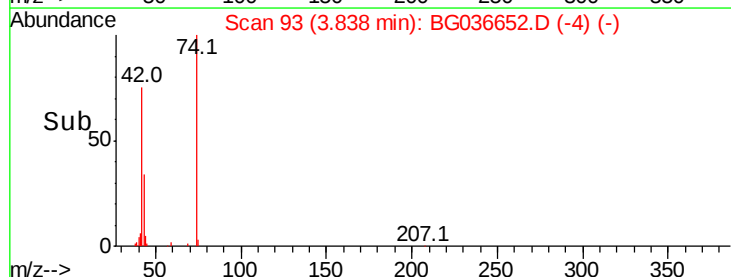
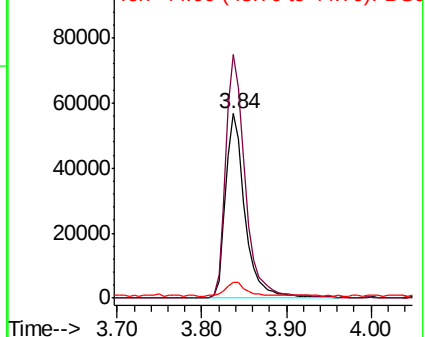
42 100

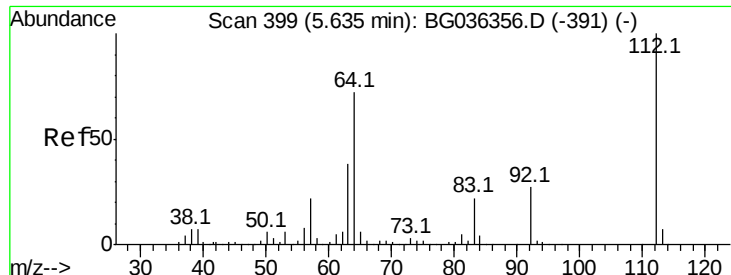
74 132.0 96.6 145.0

44 8.5 7.0 10.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 101.583 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB112716BSD

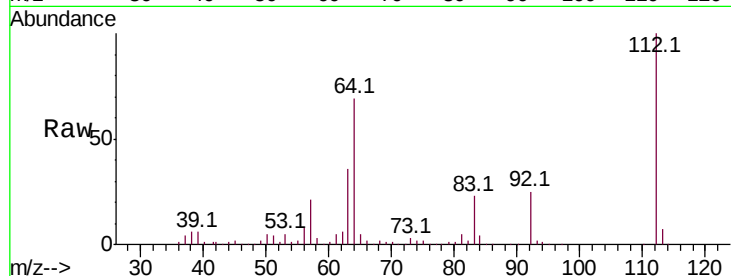
Tot Ion:112 Resp: 392093

Ion Ratio Lower Upper

112 100

64 69.1 57.2 85.8

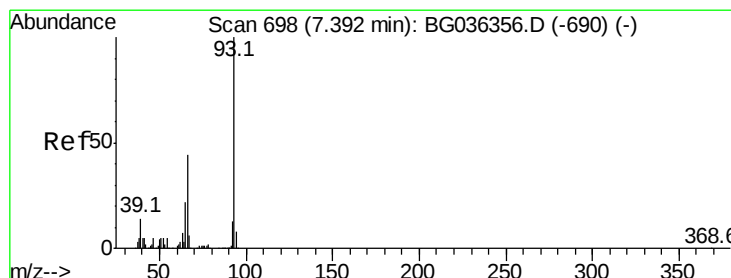
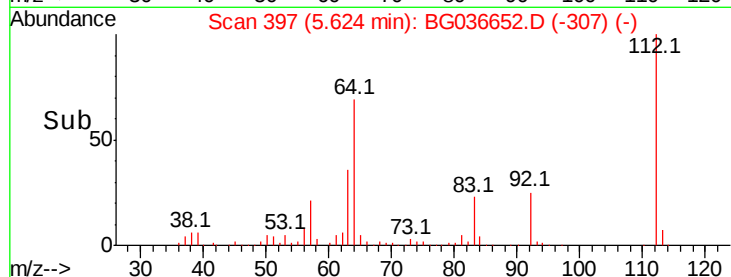
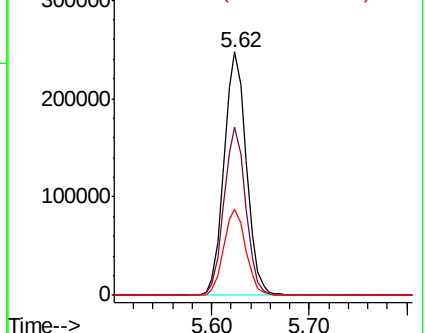
63 35.6 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.925 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

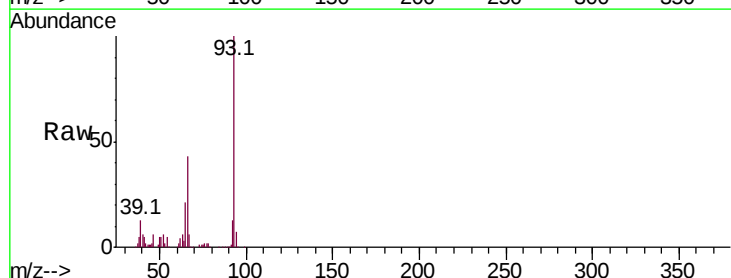
Tgt Ion: 93 Resp: 259016

Ion Ratio Lower Upper

93 100

66 42.6 35.0 52.4

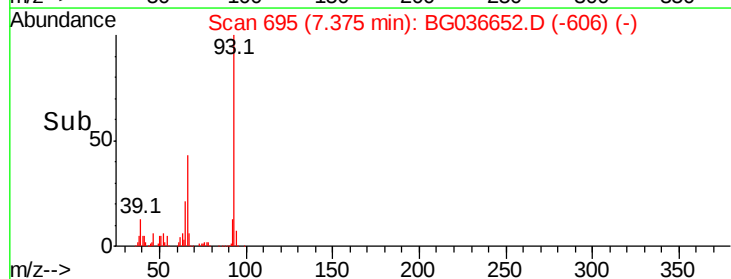
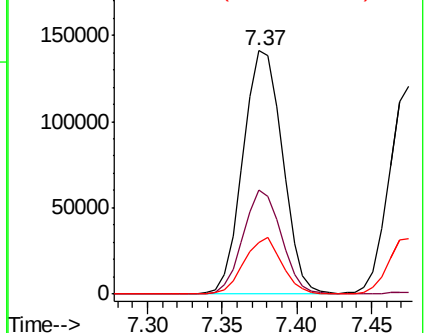
65 21.3 17.6 26.4



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.926 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

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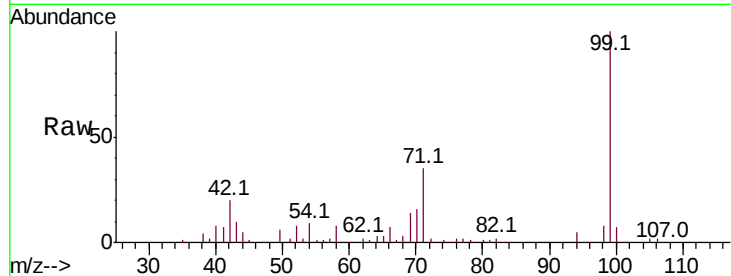
Tot Ion: 99 Resp: 557748

Ion Ratio Lower Upper

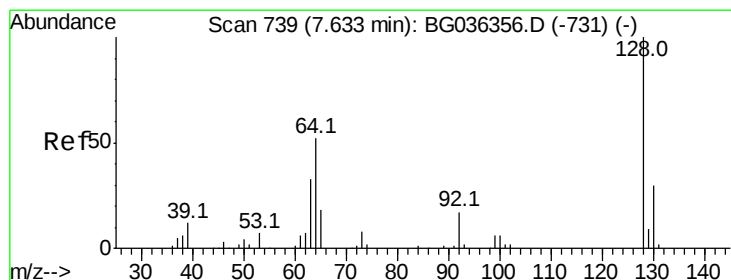
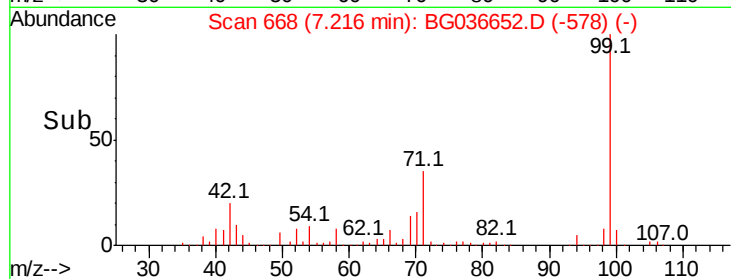
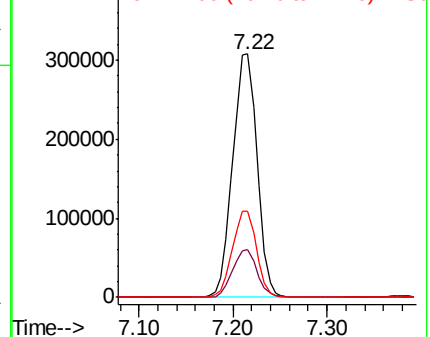
99 100

42 19.7 16.5 24.7

71 35.4 29.4 44.2



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



#8

2-Chlorophenol

Concen: 47.825 ng

RT: 7.62 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

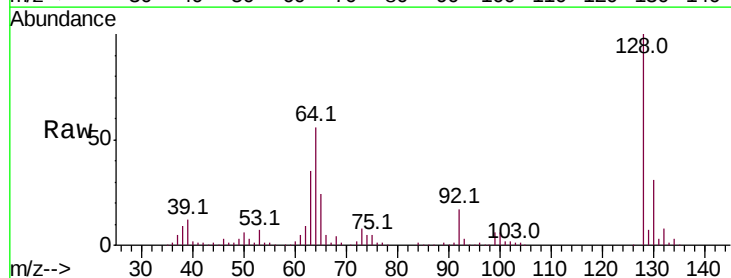
Tgt Ion: 128 Resp: 200183

Ion Ratio Lower Upper

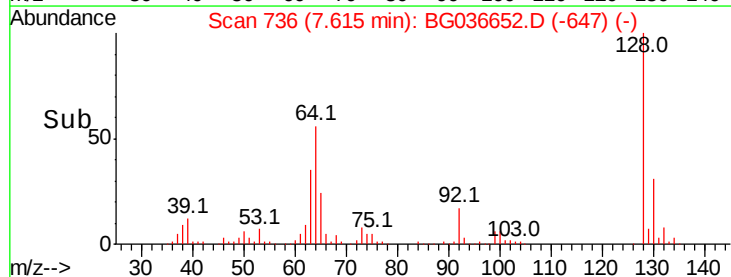
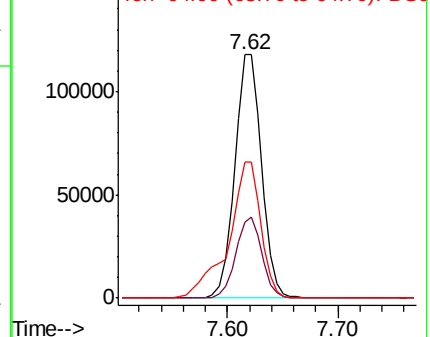
128 100

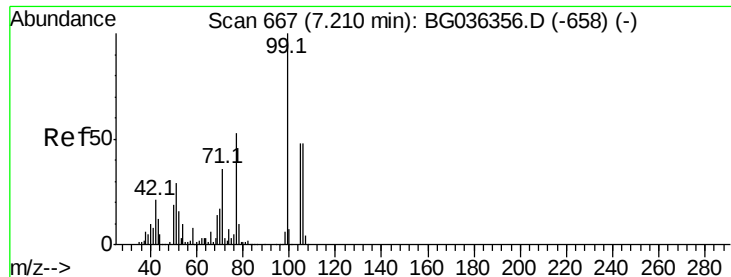
130 31.2 10.0 50.0

64 55.9 36.0 76.0



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





#9

Benzaldehyde

Concen: 27.891 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Instrument :

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ClientSampleId :

PB112716BSD

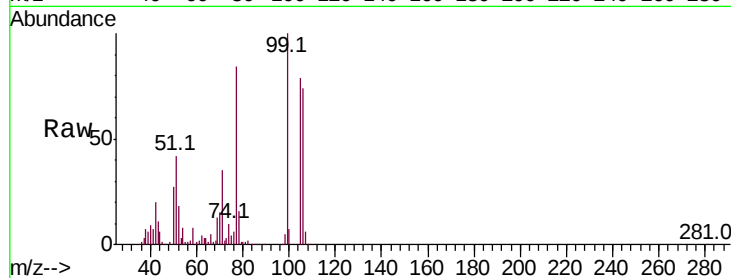
Tot Ion: 77 Resp: 106139

Ion Ratio Lower Upper

77 100

105 94.0 70.5 110.5

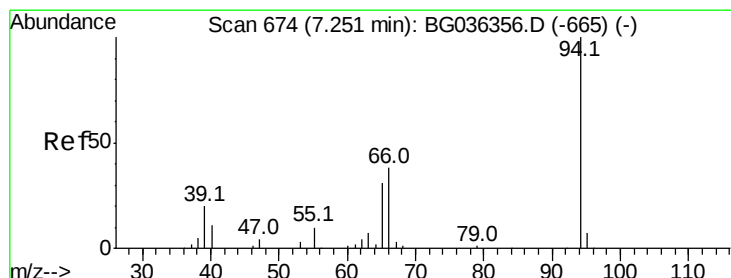
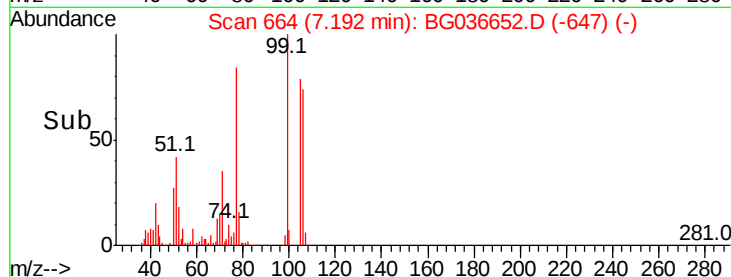
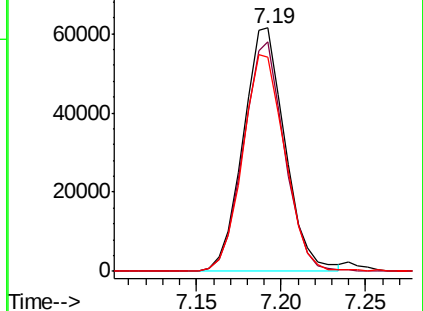
106 88.0 69.8 109.8



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 49.238 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

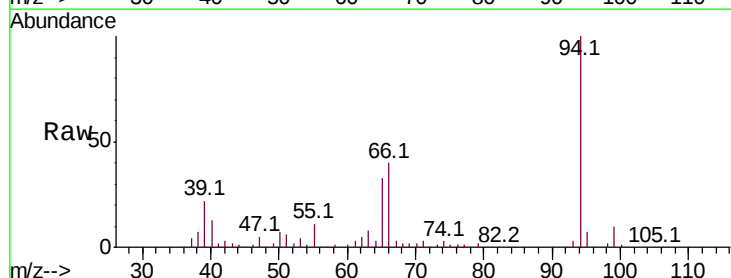
Tgt Ion: 94 Resp: 284753

Ion Ratio Lower Upper

94 100

65 32.5 11.5 51.5

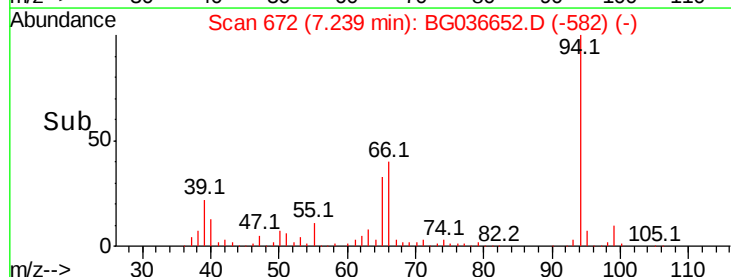
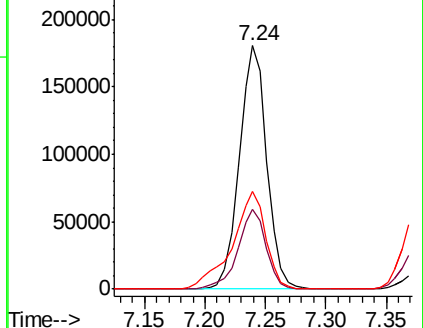
66 40.0 19.5 59.5

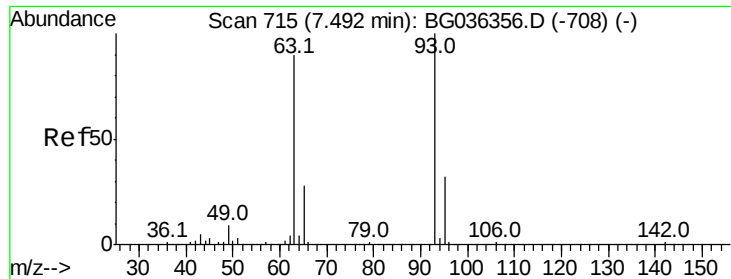


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

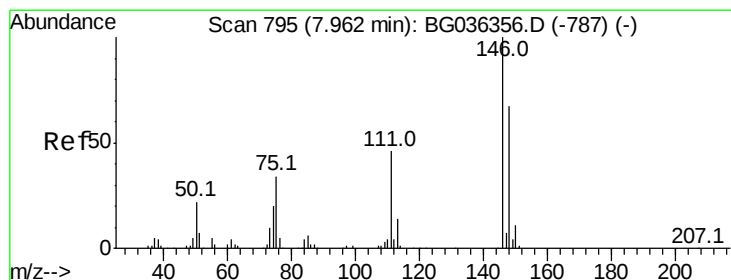
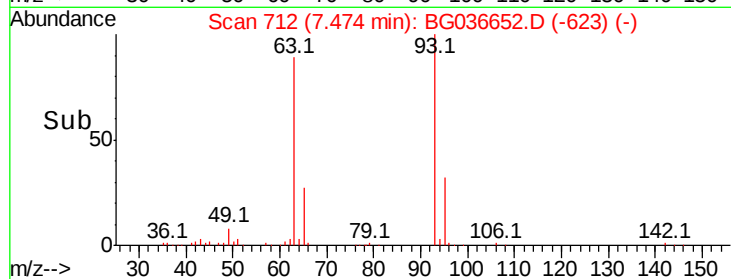
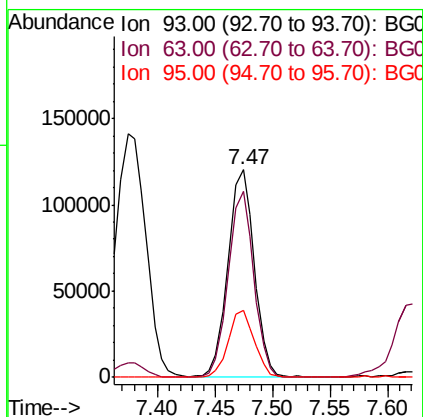
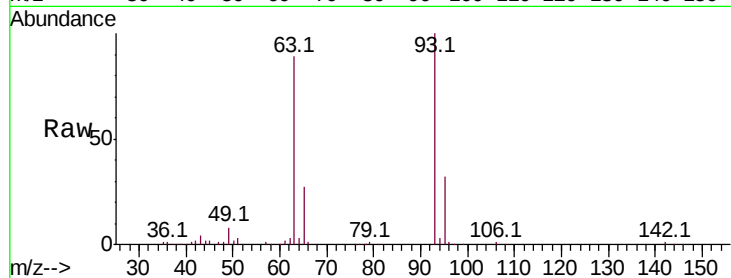




#11
bis(2-Chloroethyl)ether
Concen: 41.575 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

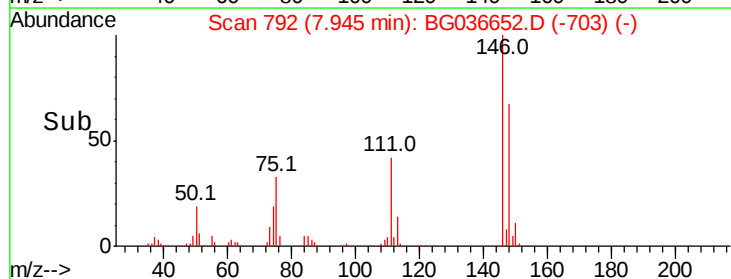
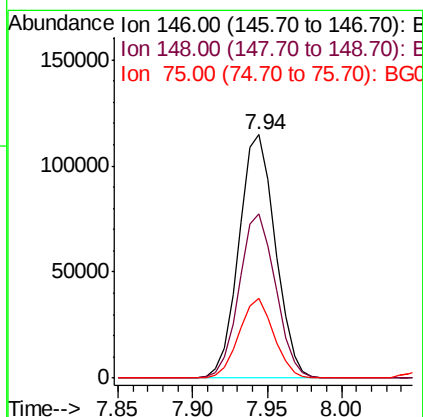
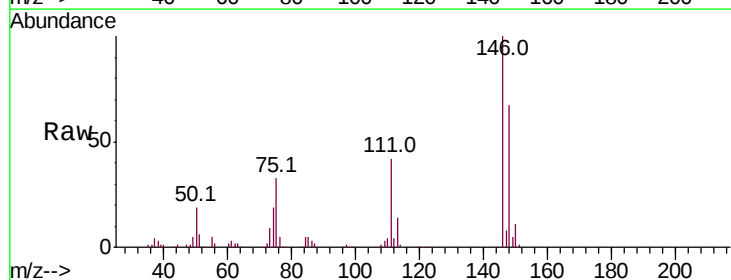
Instrument :
BNA_G
ClientSampleId :
PB112716BSD

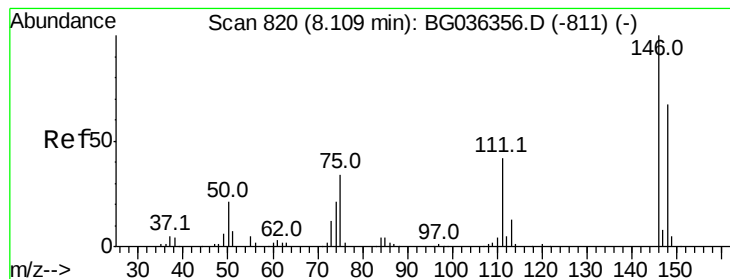
Tot Ion: 93 Resp: 190615
Ion Ratio Lower Upper
93 100
63 89.5 69.9 109.9
95 32.2 11.7 51.7



#12
1,3-Dichlorobenzene
Concen: 40.506 ng
RT: 7.94 min Scan# 792
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion: 146 Resp: 193601
Ion Ratio Lower Upper
146 100
148 67.4 53.8 80.6
75 33.0 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 40.228 ng

RT: 8.09 min Scan# 816

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB112716BSD

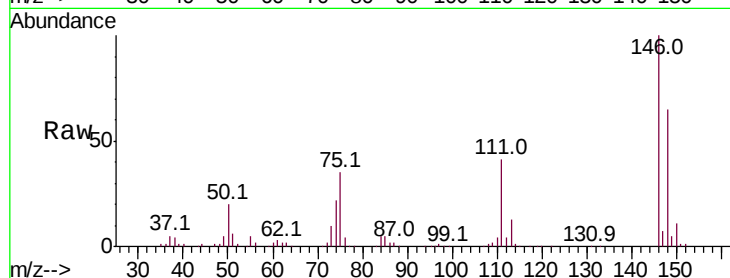
Tot Ion:146 Resp: 194119

Ion Ratio Lower Upper

146 100

148 65.5 53.9 80.9

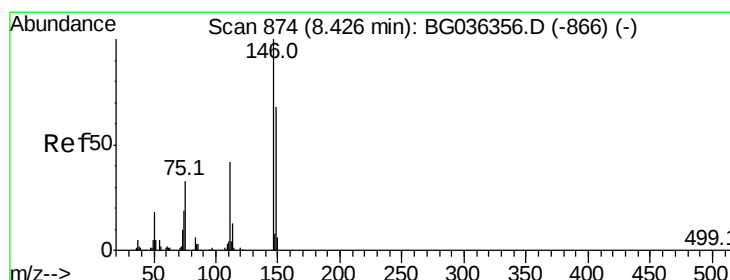
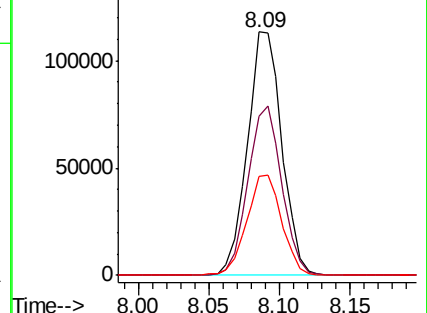
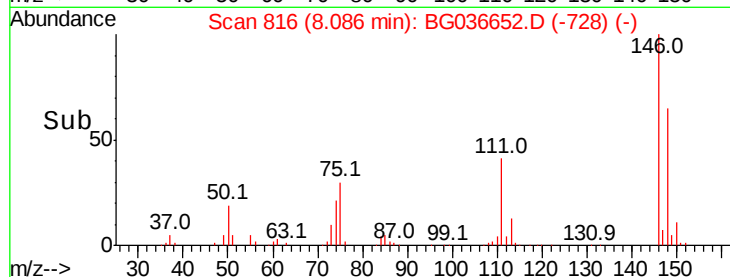
111 40.5 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.635 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

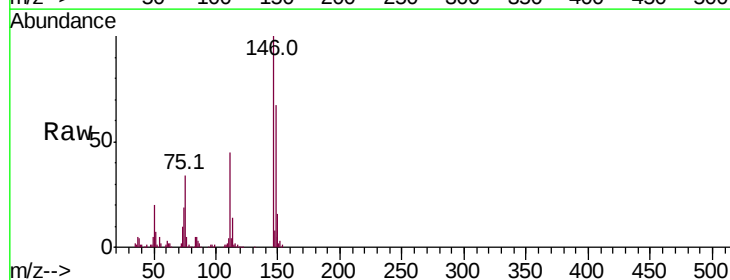
Tgt Ion:146 Resp: 191874

Ion Ratio Lower Upper

146 100

148 67.4 55.0 82.6

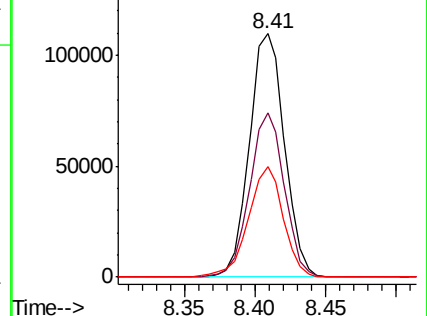
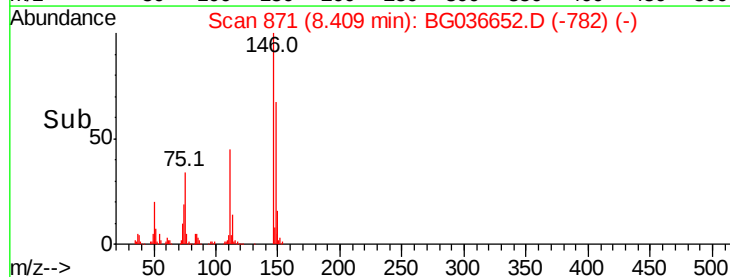
111 45.4 34.6 51.8

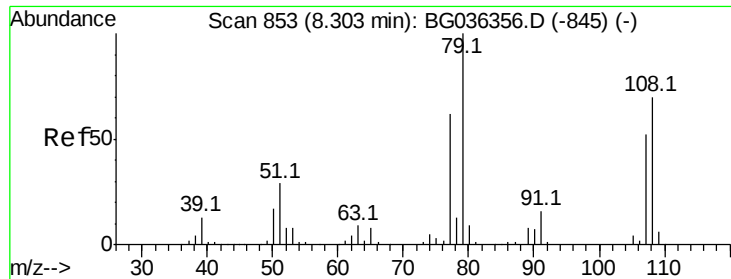


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

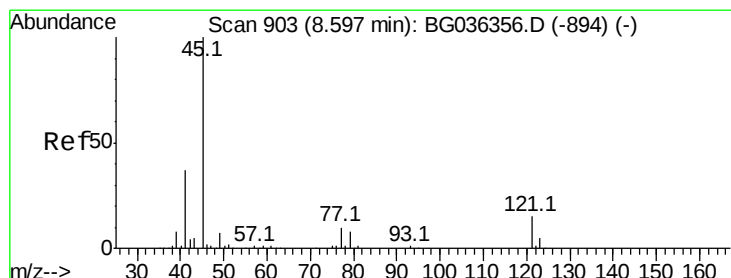
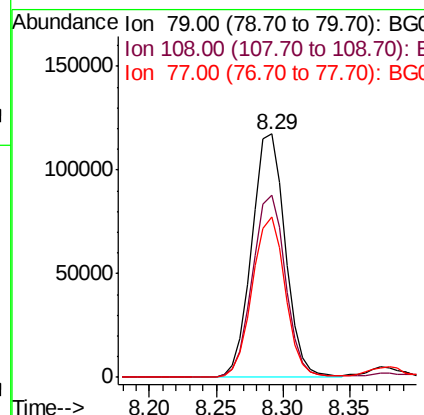
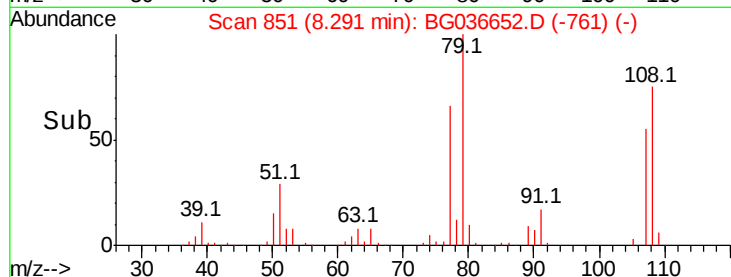
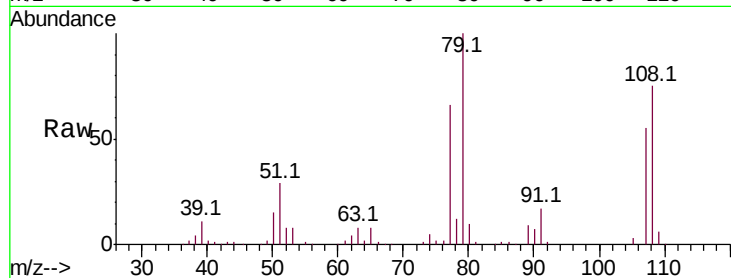




#15
Benzyl Alcohol
Concen: 45.605 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

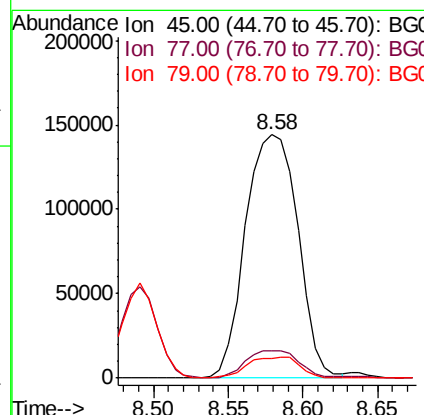
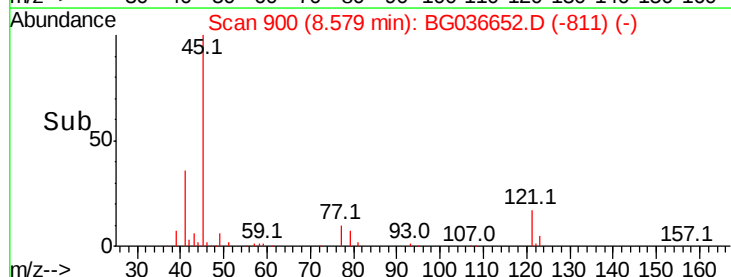
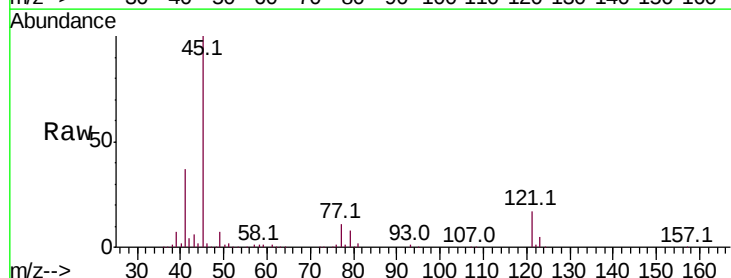
Instrument :
BNA_G
ClientSampleId :
PB112716BSD

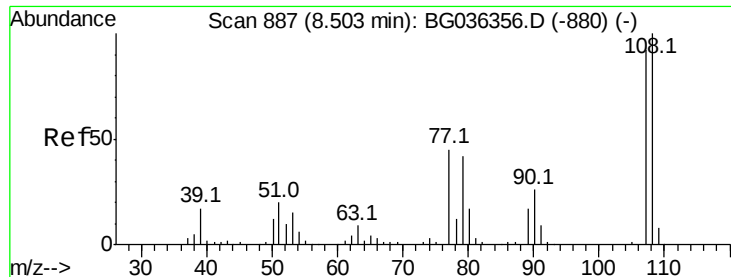
Tot Ion: 79 Resp: 203170
Ion Ratio Lower Upper
79 100
108 75.0 55.9 83.9
77 65.8 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.066 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion: 45 Resp: 351969
Ion Ratio Lower Upper
45 100
77 11.1 0.0 30.5
79 8.1 0.0 27.9

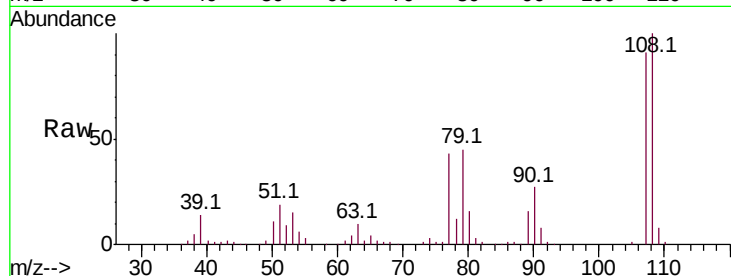




#17
2-Methylphenol
Concen: 49.627 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :
PB112716BSD

Tot Ion:	107	Resp:	190572
Ion	Ratio	Lower	Upper
107	100		
108	110.5	86.7	130.1
77	47.5	39.0	58.4
79	49.9	36.6	54.8



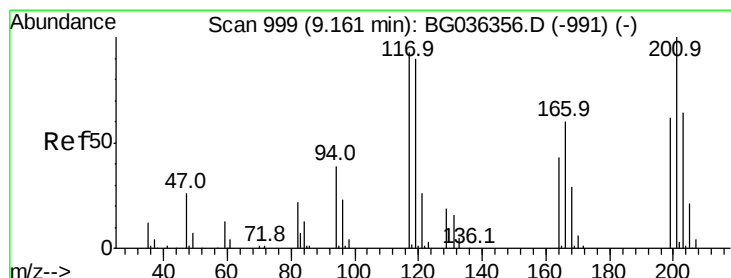
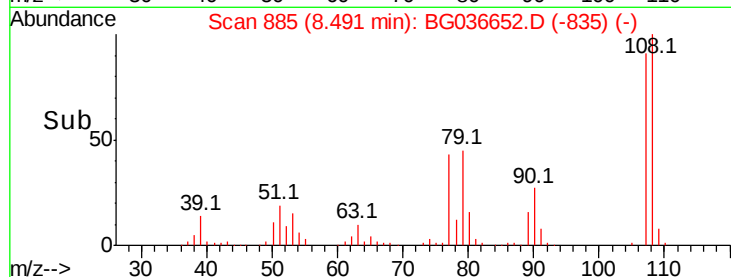
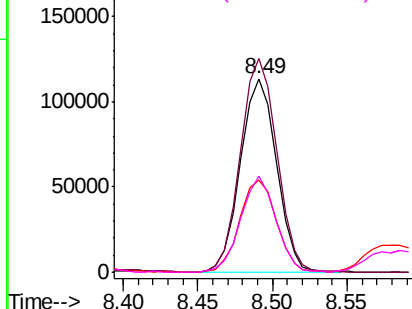
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

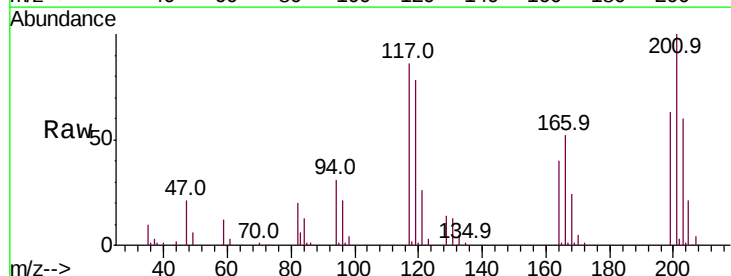
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.194 ng
RT: 9.14 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion:	117	Resp:	71270
Ion	Ratio	Lower	Upper
117	100		
119	90.4	76.8	115.2
201	115.7	85.7	128.5

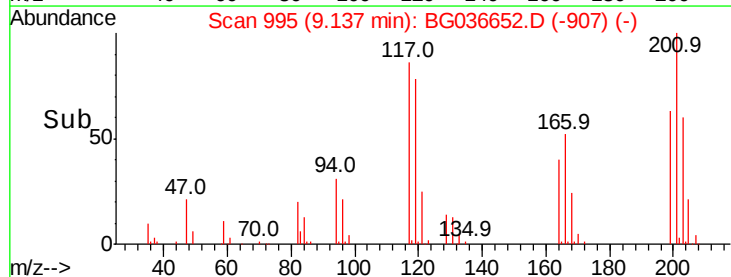
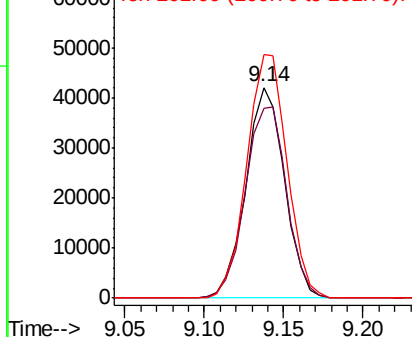


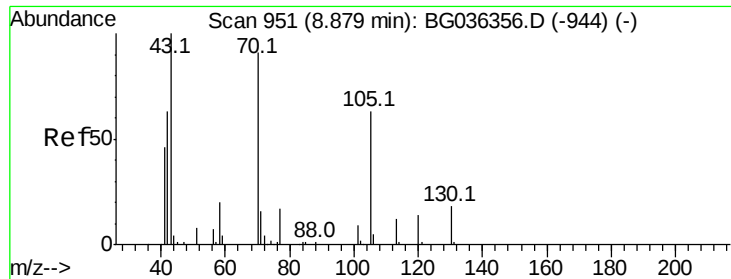
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

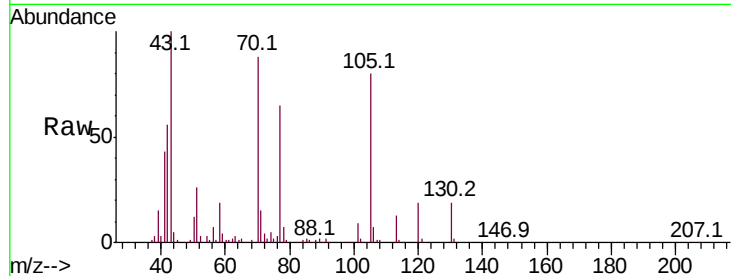




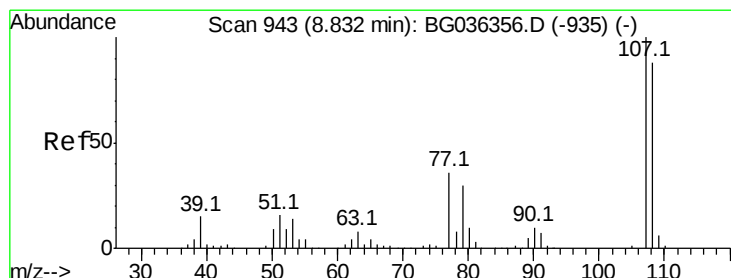
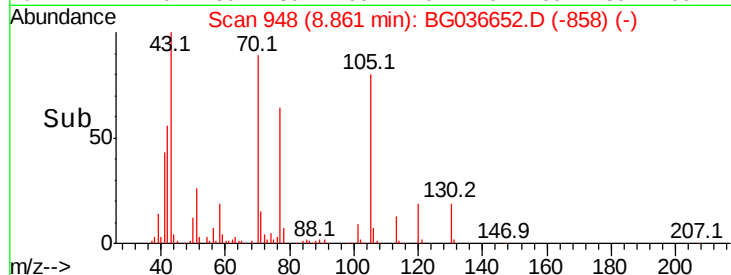
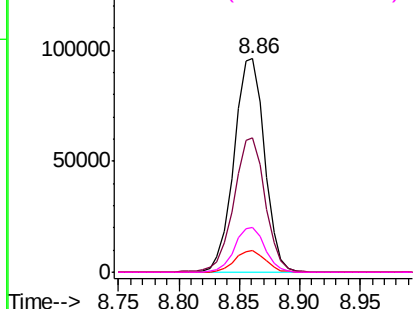
#19
n-Nitroso-di-n-propylamine
Concen: 41.104 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :
PB112716BSD

Tot Ion: 70 Resp: 169767
Ion Ratio Lower Upper
70 100
42 62.9 56.2 84.4
101 10.5 7.8 11.6
130 21.2 16.2 24.2

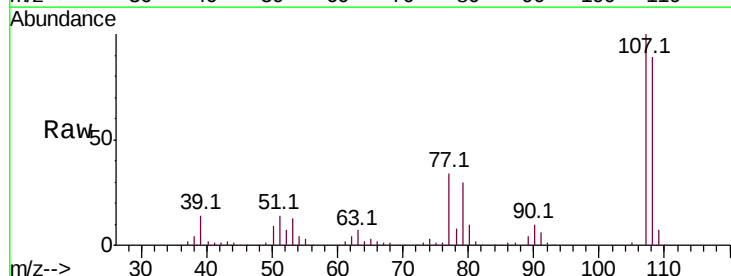


Abundance Ion 70.00 (69.70 to 70.70): BGC
150000
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

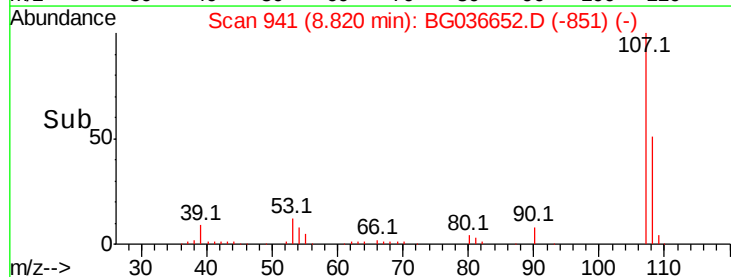
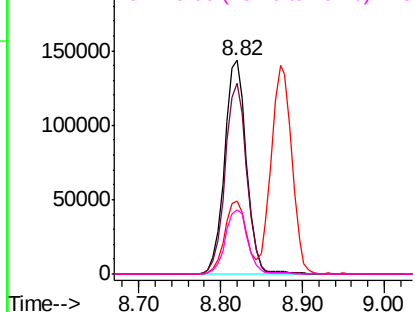


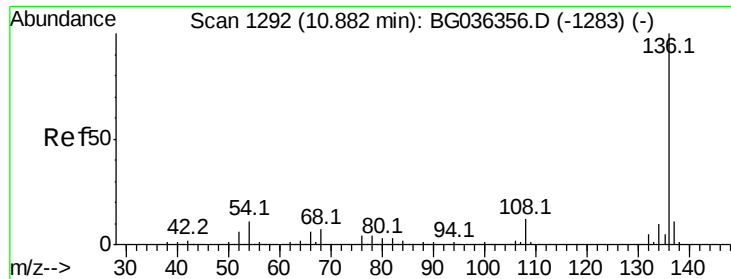
#20
3+4-Methylphenols
Concen: 49.788 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion:107 Resp: 266928
Ion Ratio Lower Upper
107 100
108 89.1 68.0 108.0
77 34.4 15.6 55.6
79 29.8 9.9 49.9



Abundance Ion 107.00 (106.70 to 107.70): BGC
200000
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

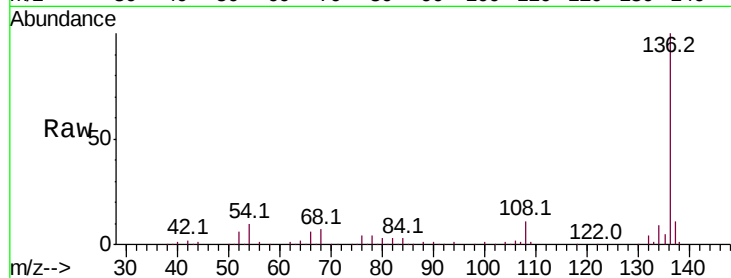




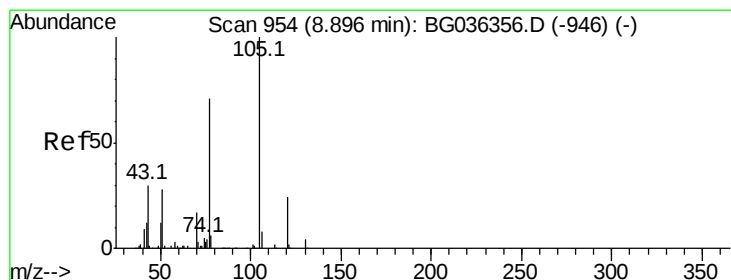
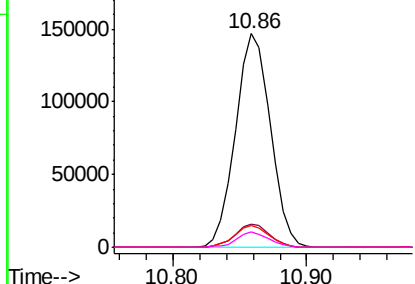
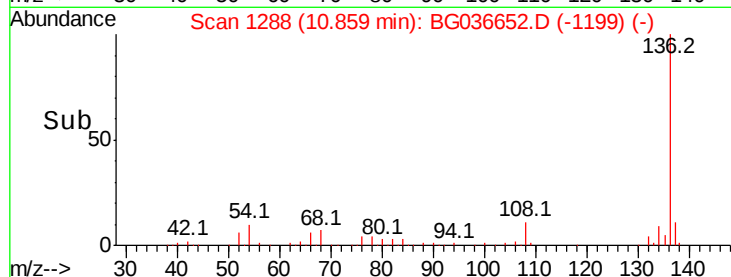
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :
PB112716BSD

Tot Ion:136	Resp:	265513
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	10.2	9.2 13.8
68	7.2	5.8 8.6

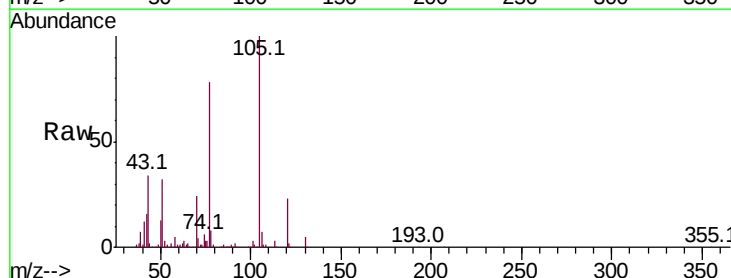


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

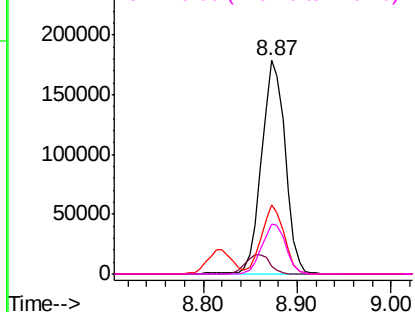
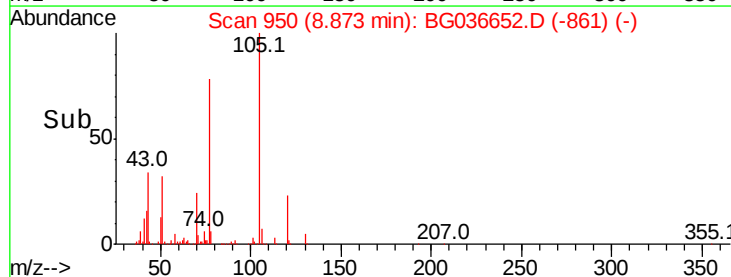


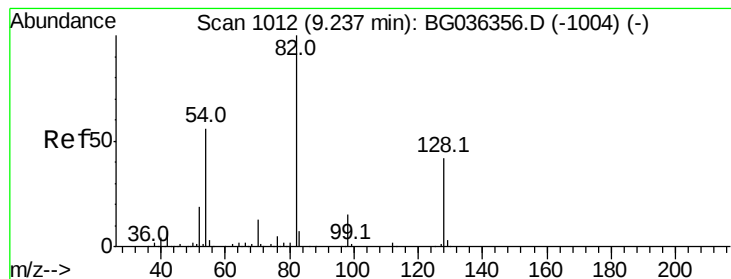
#22
Acetophenone
Concen: 44.741 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion:105	Resp:	311944
Ion Ratio	Lower	Upper
105	100	
71	3.9	2.4 3.6#
51	32.2	25.9 38.9
120	23.4	19.4 29.0



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





#23

Nitrobenzene-d5

Concen: 100.358 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB112716BSD

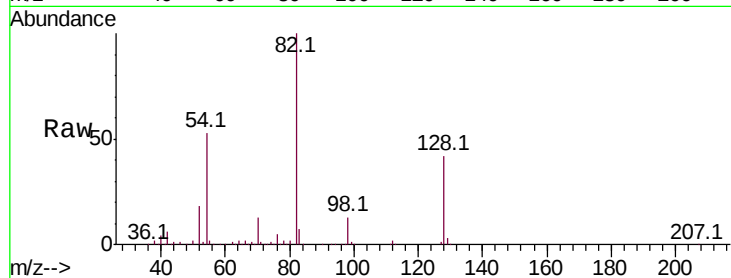
Tot Ion: 82 Resp: 491117

Ion Ratio Lower Upper

82 100

128 41.5 33.3 49.9

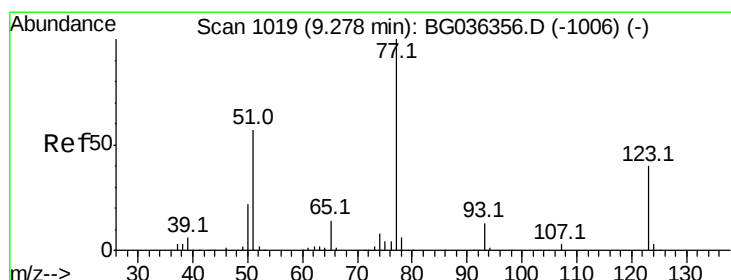
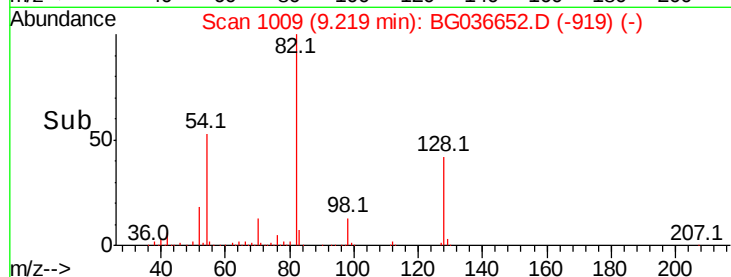
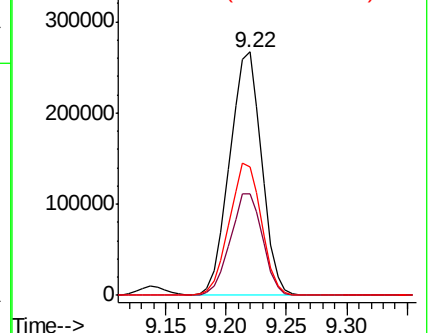
54 52.7 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 46.901 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

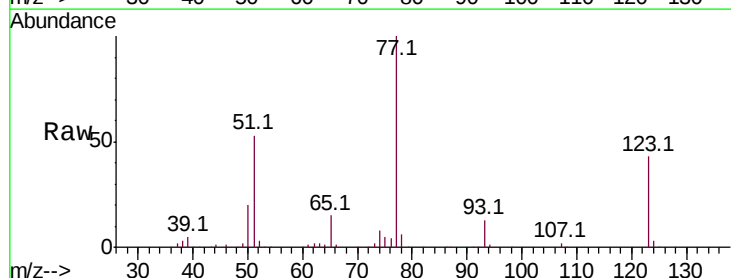
Tgt Ion: 77 Resp: 247493

Ion Ratio Lower Upper

77 100

123 42.5 32.4 48.6

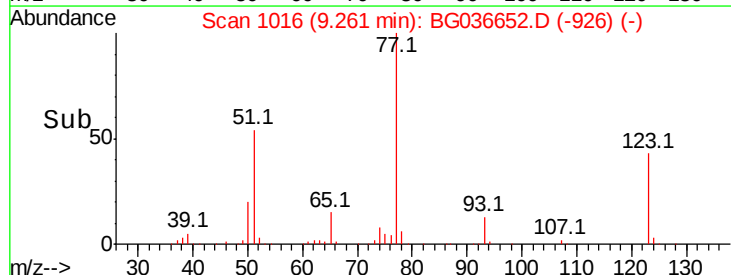
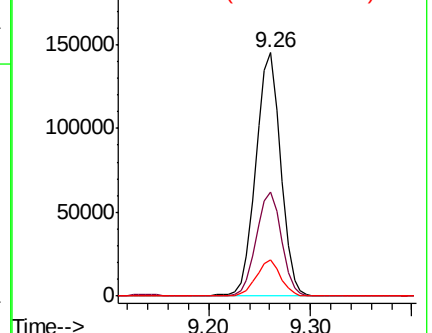
65 14.8 11.5 17.3

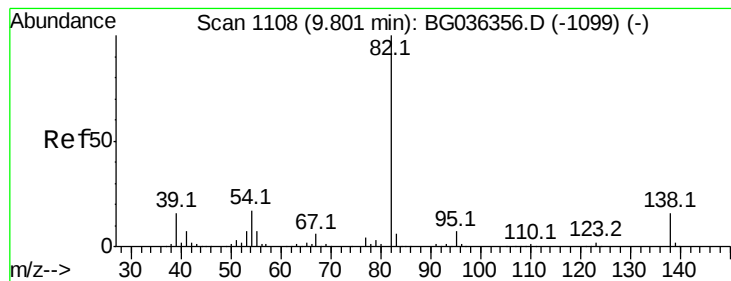


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 48.825 ng

RT: 9.78 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB112716BSD

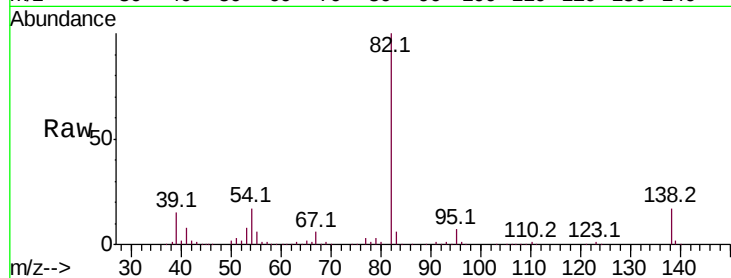
Tot Ion: 82 Resp: 474645

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.8

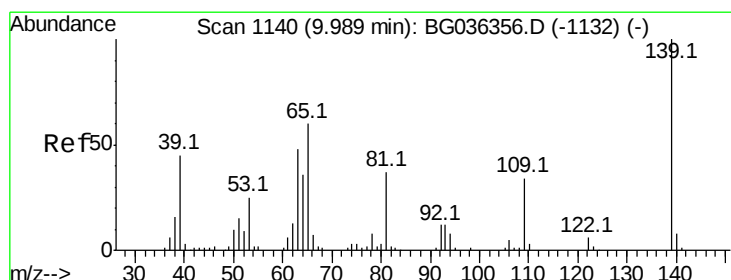
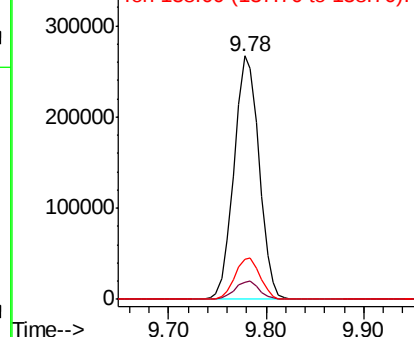
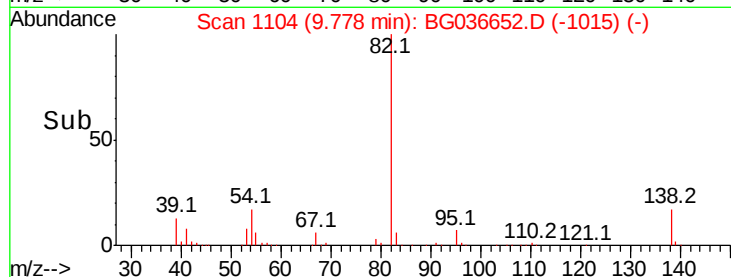
138 16.6 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BG036652.D (-1099) (-)

Ion 95.00 (94.70 to 95.70): BG036652.D (-1099) (-)

Ion 138.00 (137.70 to 138.70): BG036652.D (-1099) (-)



#26

2-Nitrophenol

Concen: 54.786 ng

RT: 9.97 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

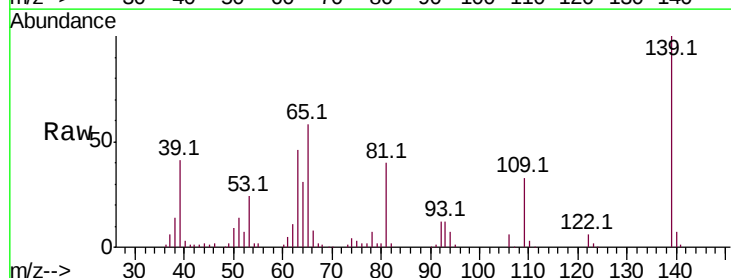
Tgt Ion: 139 Resp: 114561

Ion Ratio Lower Upper

139 100

109 33.1 27.4 41.0

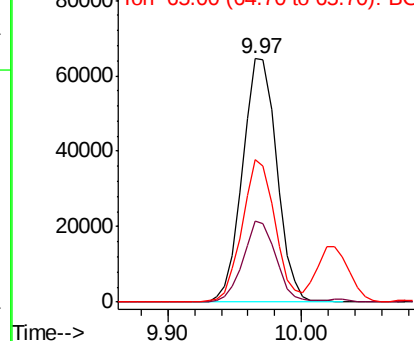
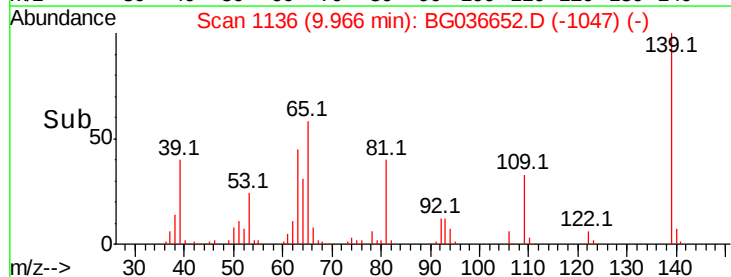
65 58.3 47.8 71.6

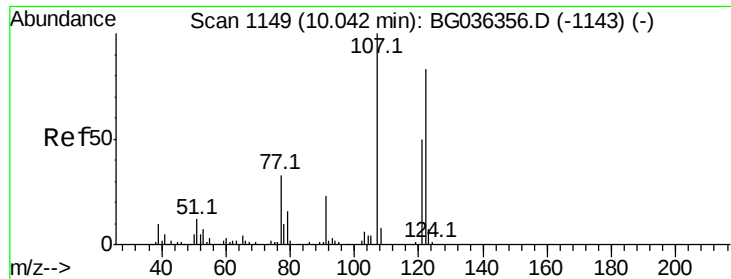


Abundance Ion 139.00 (138.70 to 139.70): BG036652.D (-1132) (-)

Ion 109.00 (108.70 to 109.70): BG036652.D (-1132) (-)

Ion 65.00 (64.70 to 65.70): BG036652.D (-1132) (-)

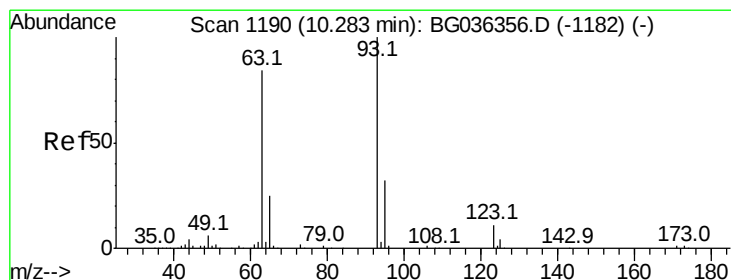
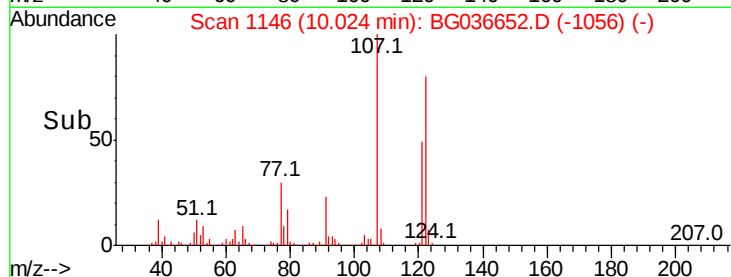
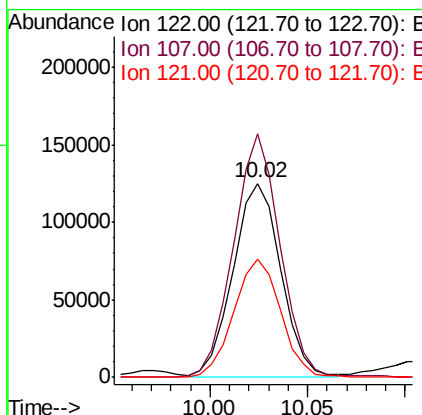
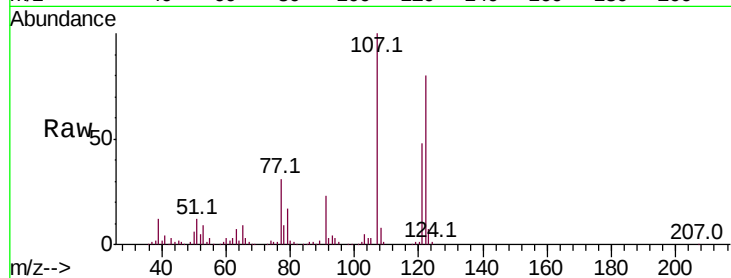




#27
2,4-Dimethylphenol
Concen: 54.401 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

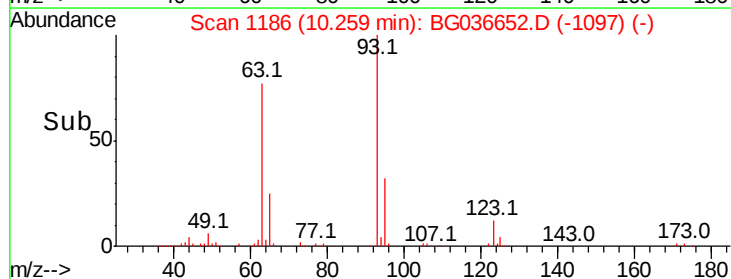
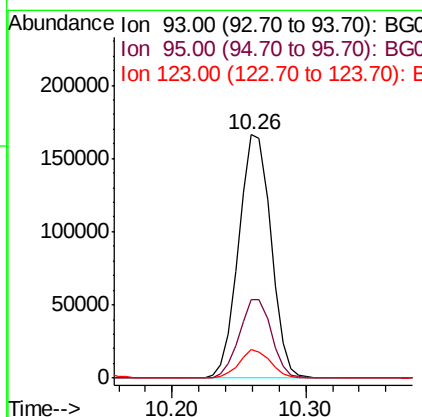
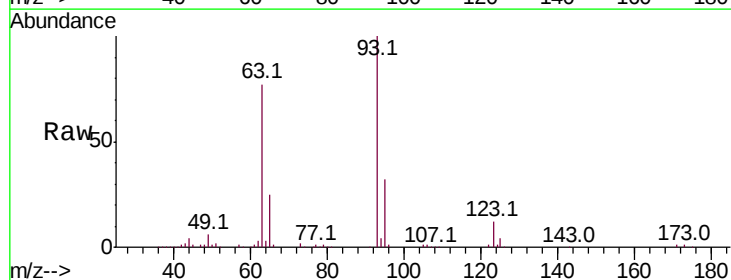
Instrument :
BNA_G
ClientSampleId :
PB112716BSD

Tot Ion:122 Resp: 210609
Ion Ratio Lower Upper
122 100
107 125.5 96.0 144.0
121 60.8 48.2 72.4



#28
bis(2-Chloroethoxy)methane
Concen: 46.609 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion: 93 Resp: 278085
Ion Ratio Lower Upper
93 100
95 32.2 25.2 37.8
123 12.0 8.6 12.8

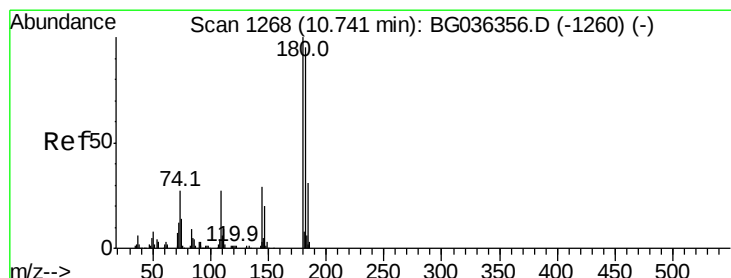
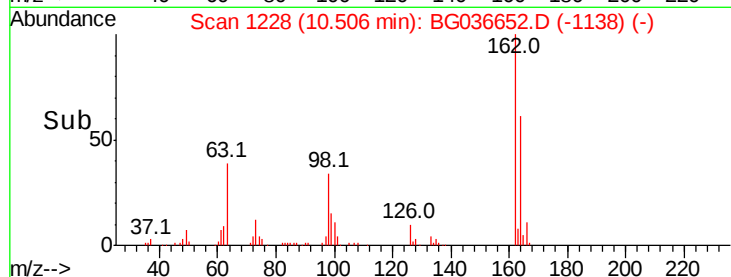
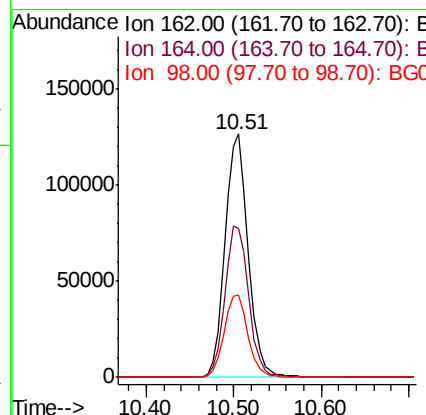
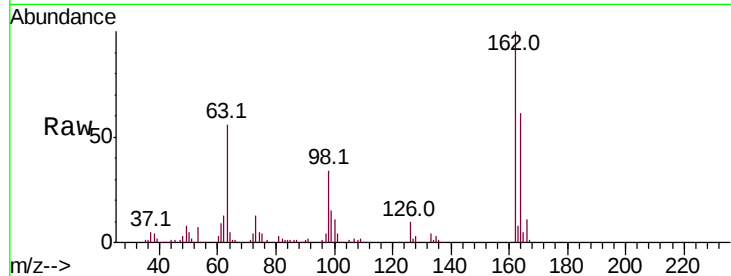




#29
2,4-Dichlorophenol
Concen: 54.396 ng
RT: 10.51 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

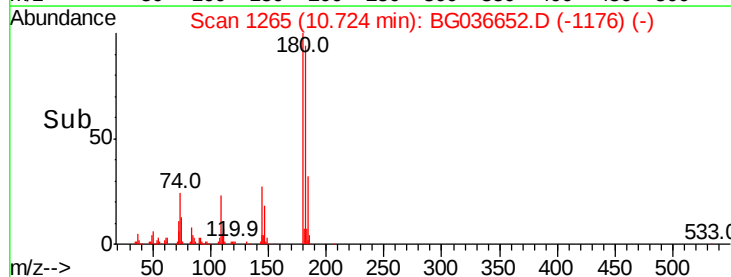
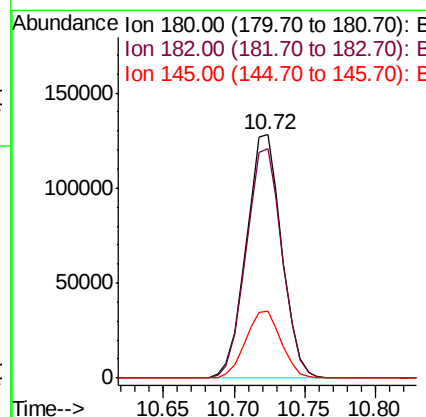
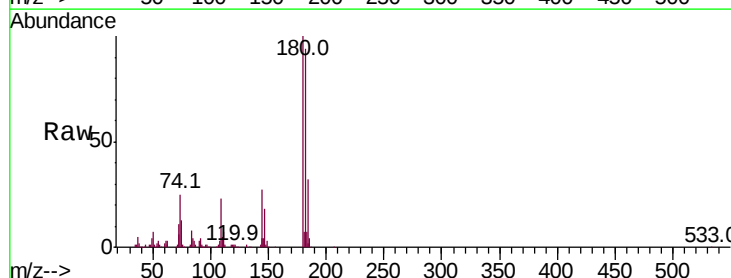
Instrument :
BNA_G
ClientSampleId :
PB112716BSD

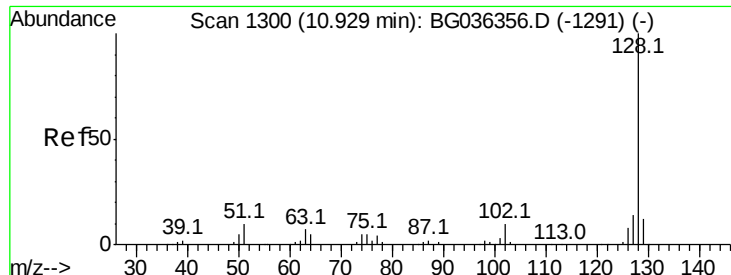
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.1	47.6	87.6
98	34.0	19.2	59.2



#30
1,2,4-Trichlorobenzene
Concen: 45.290 ng
RT: 10.72 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.0	114.0
145	27.4	22.9	34.3

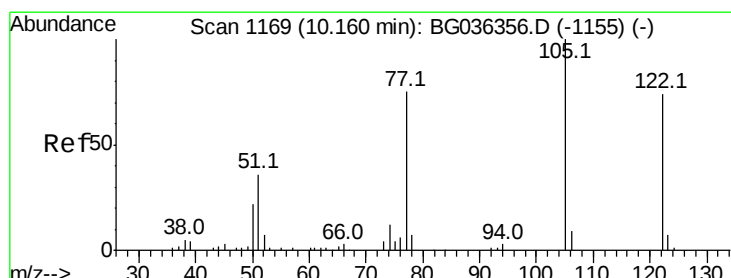
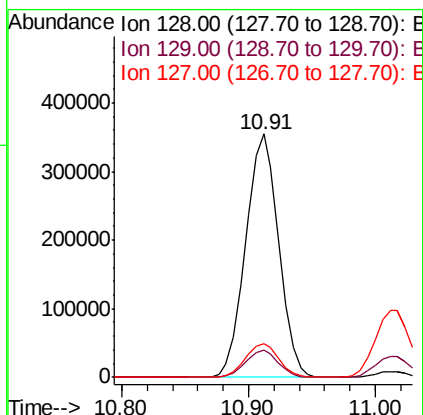
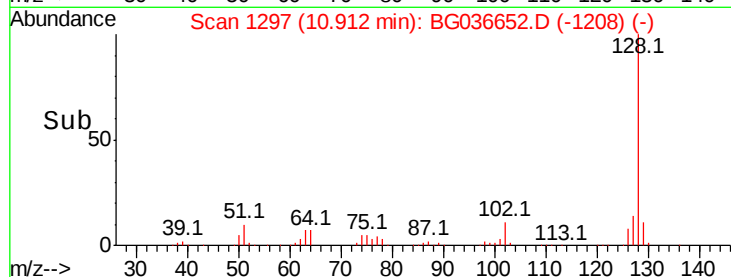
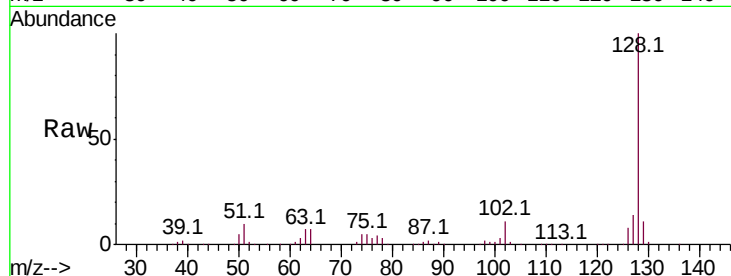




#31
Naphthalene
Concen: 48.212 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

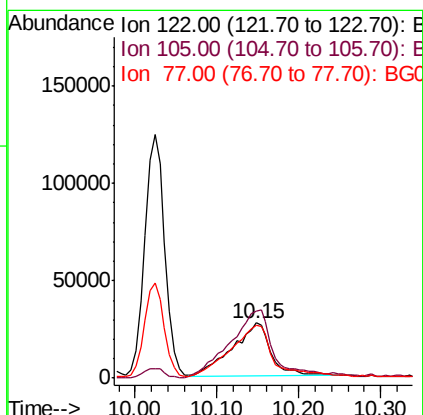
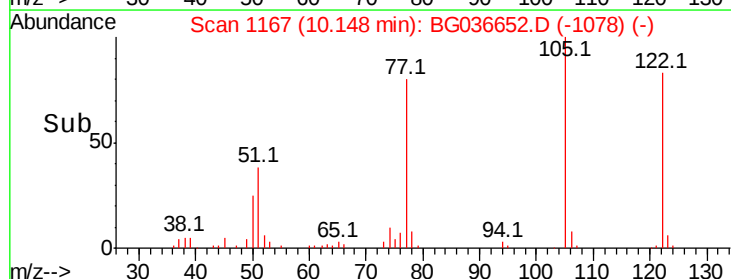
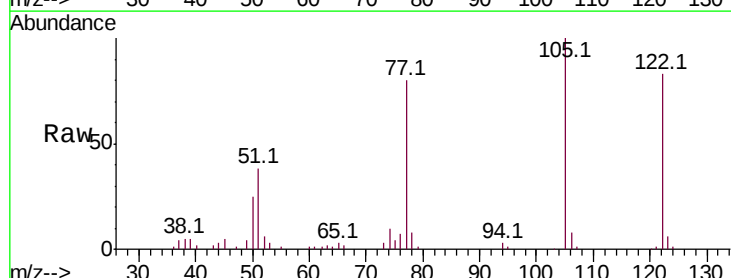
Instrument :
BNA_G
ClientSampleId :
PB112716BSD

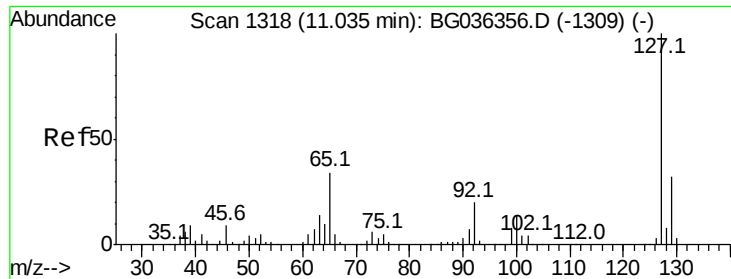
Tot Ion:128 Resp: 639900
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 14.0 11.0 16.4



#32
Benzoic acid
Concen: 33.405 ng
RT: 10.15 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion:122 Resp: 91569
Ion Ratio Lower Upper
122 100
105 121.2 108.1 148.1
77 97.1 76.3 116.3

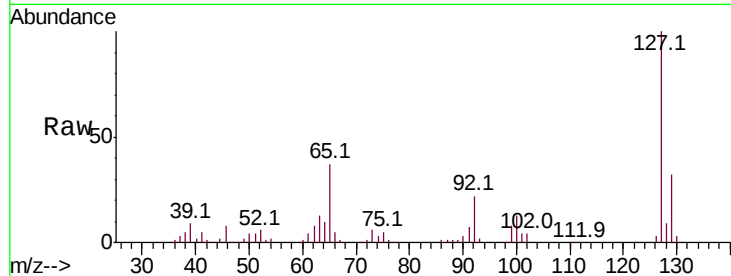




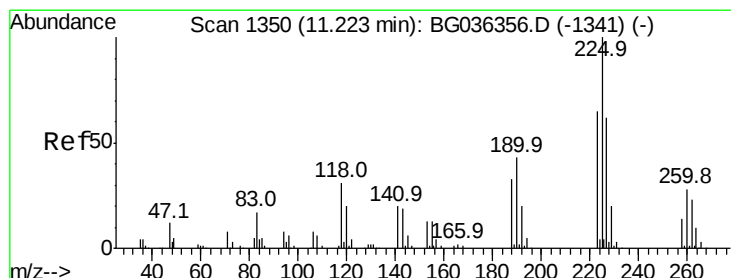
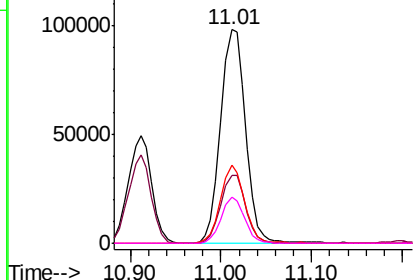
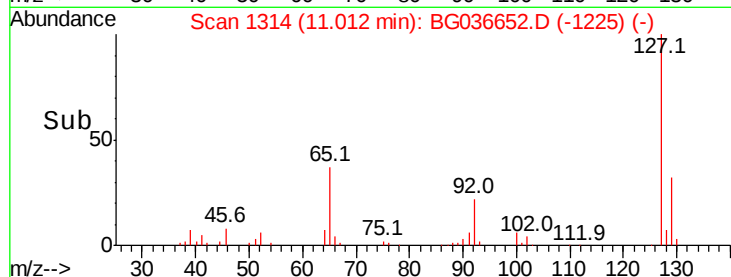
#33
4-Chloroaniline
Concen: 30.920 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :
PB112716BSD

Tot Ion:	127	Resp:	188059
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	36.8	27.5	41.3
92	21.7	16.2	24.2

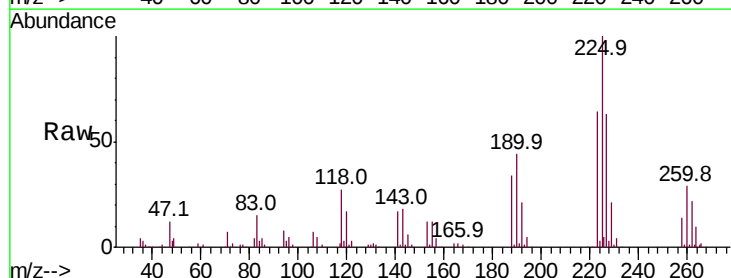


Abundance Ion 127.00 (126.70 to 127.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

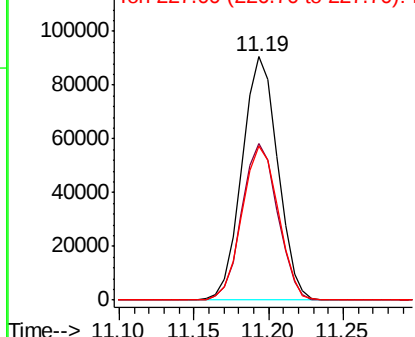
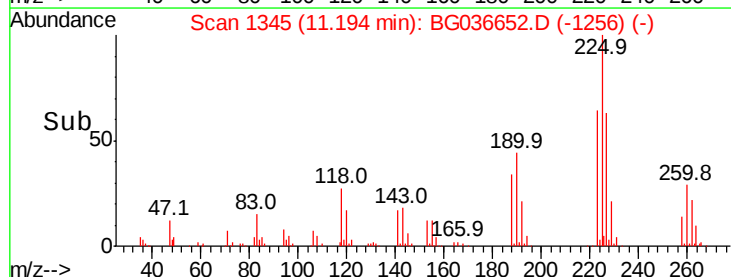


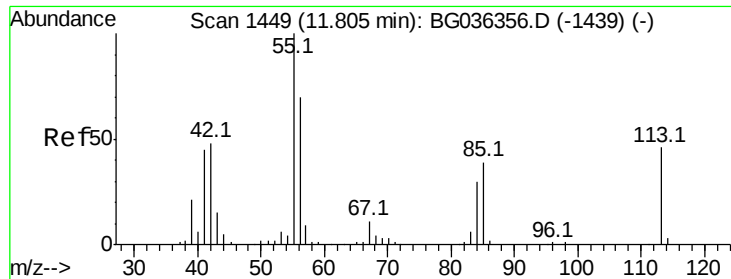
#34
Hexachlorobutadiene
Concen: 44.980 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion:	225	Resp:	150001
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.8	77.8
227	63.1	49.8	74.6



Abundance Ion 225.00 (224.70 to 225.70): E
120000 Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.948 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB112716BSD

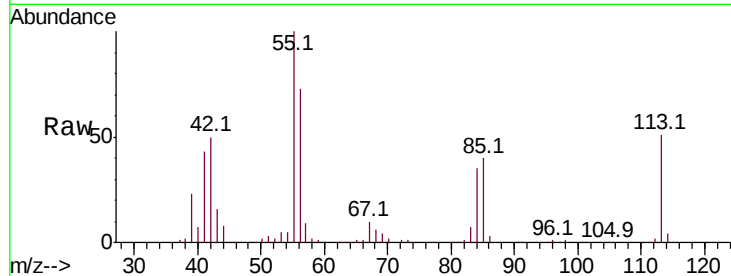
Tot Ion:113 Resp: 81041

Ion Ratio Lower Upper

113 100

55 197.6 197.7 237.7#

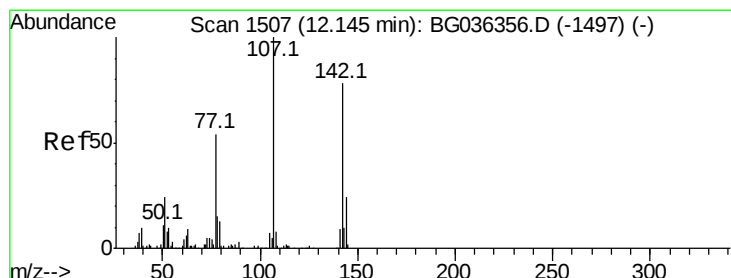
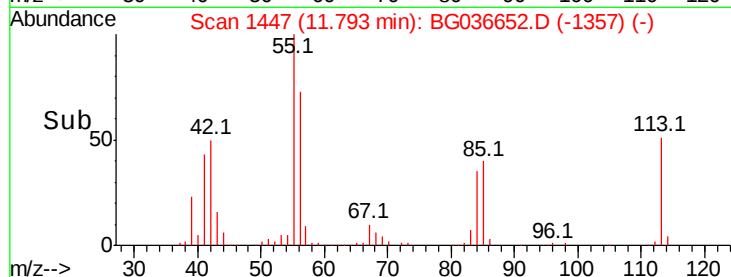
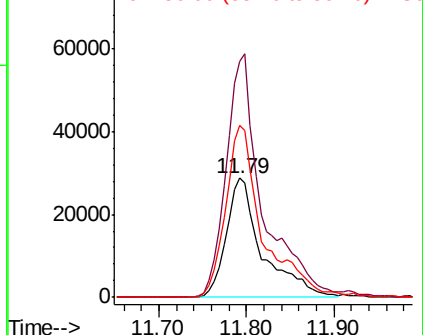
56 143.8 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 51.621 ng

RT: 12.13 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

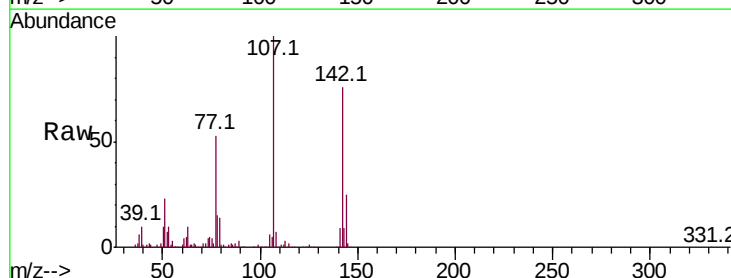
Tgt Ion:107 Resp: 254493

Ion Ratio Lower Upper

107 100

144 24.7 19.5 29.3

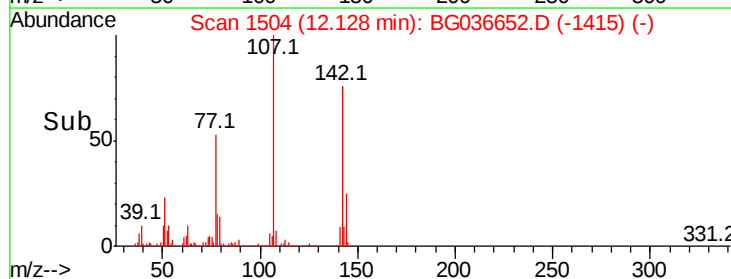
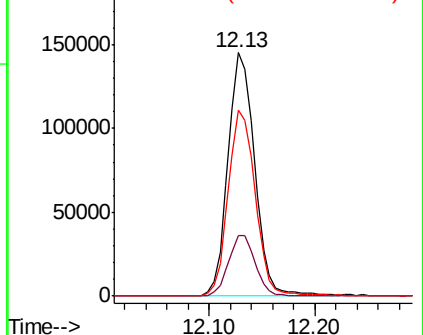
142 76.3 62.4 93.6

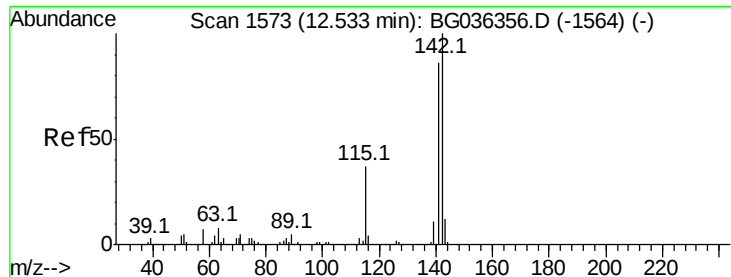


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

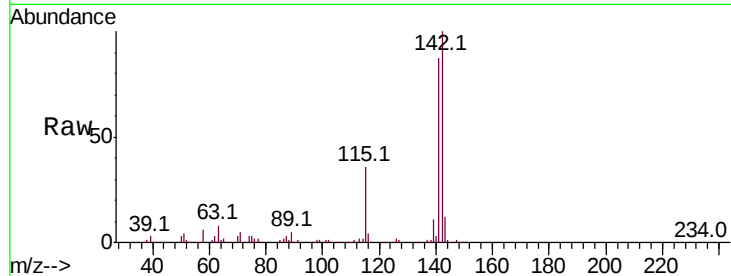




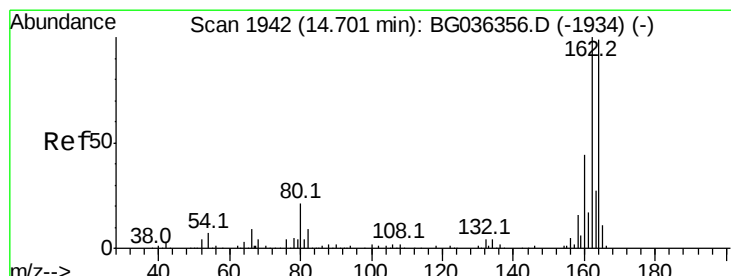
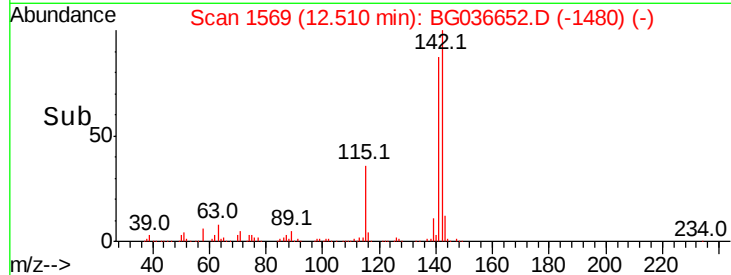
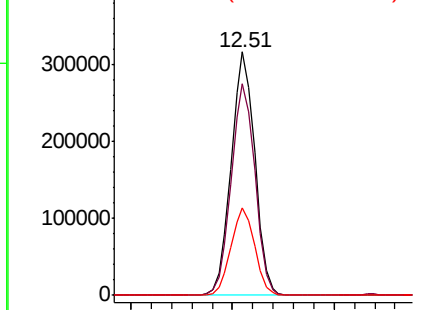
#37
 2-Methylnaphthalene
 Concen: 52.731 ng
 RT: 12.51 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :
 PB112716BSD

Tot Ion:142 Resp: 512109
 Ion Ratio Lower Upper
 142 100
 141 86.7 68.5 102.7
 115 36.0 29.8 44.8

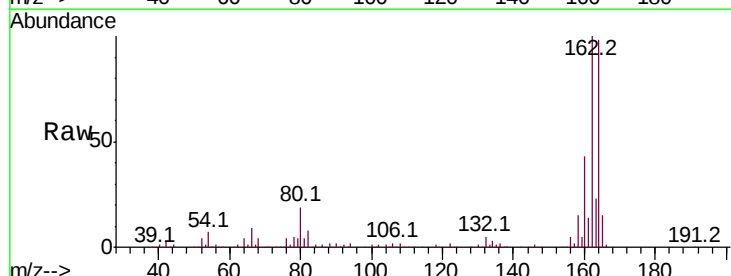


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

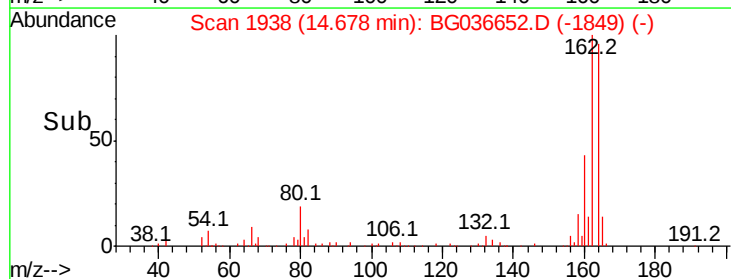
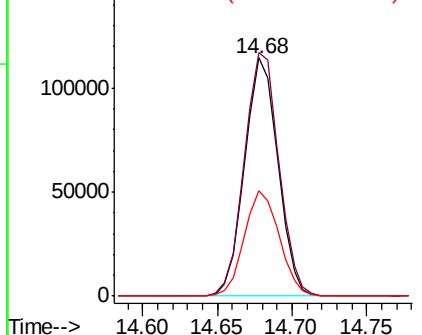


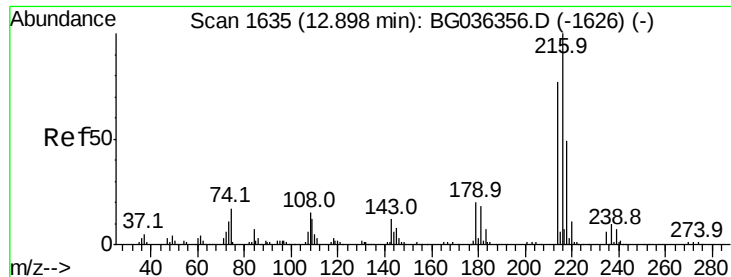
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Tgt Ion:164 Resp: 176661
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.7 121.1
 160 44.3 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.591 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB112716BSD

Tot Ion:216 Resp: 291276

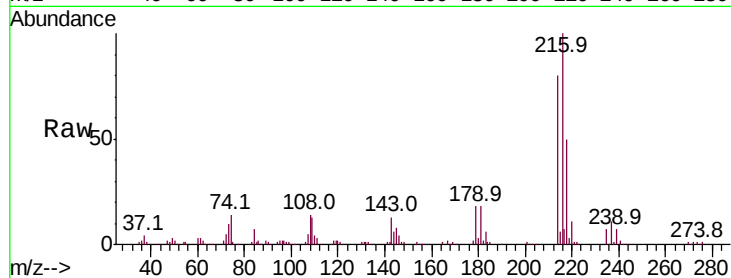
Ion Ratio Lower Upper

216 100

214 77.8 61.0 91.6

179 18.6 15.7 23.5

108 17.6 13.1 19.7

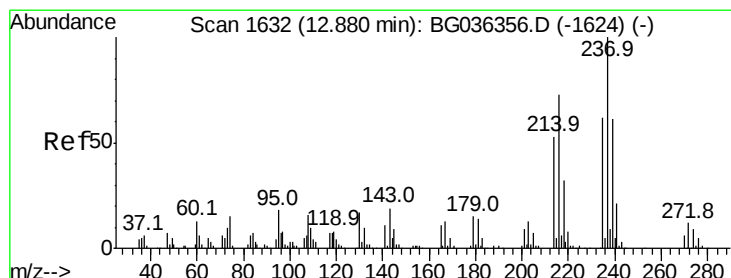
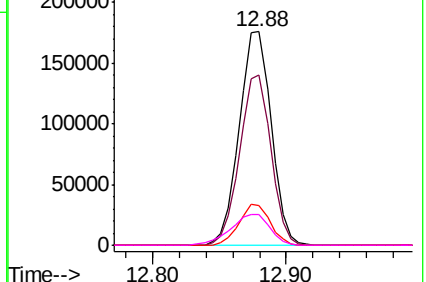
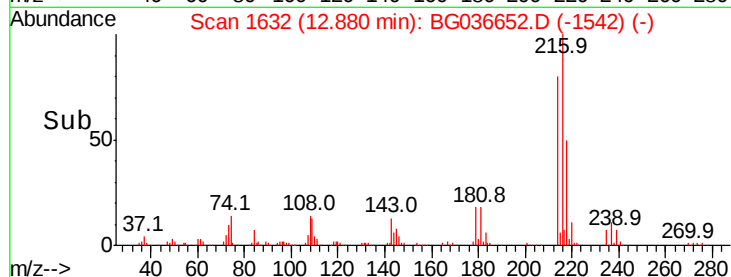


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 110.005 ng

RT: 12.86 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

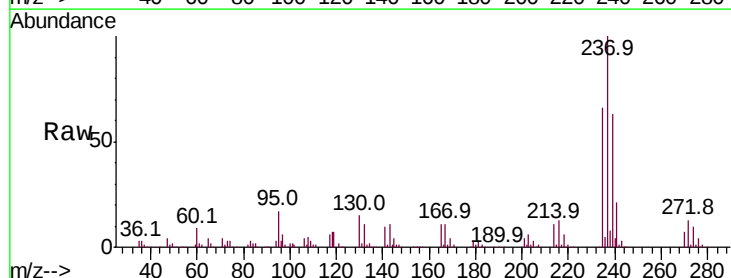
Tgt Ion:237 Resp: 357826

Ion Ratio Lower Upper

237 100

235 65.6 42.2 82.2

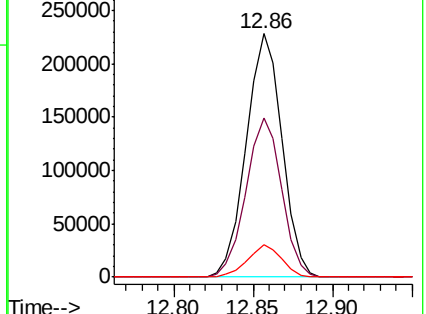
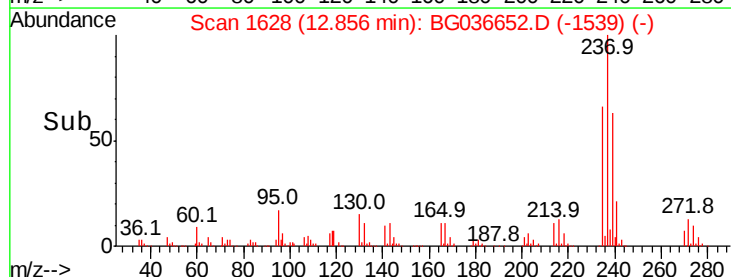
272 13.1 0.0 32.1

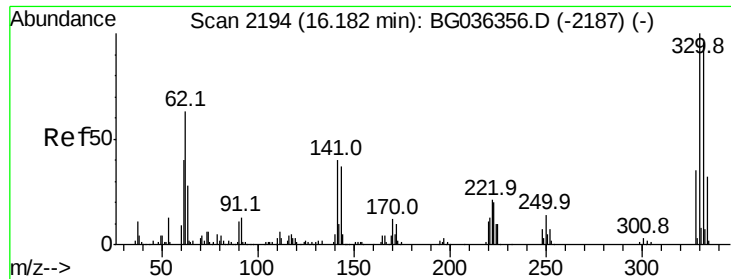


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

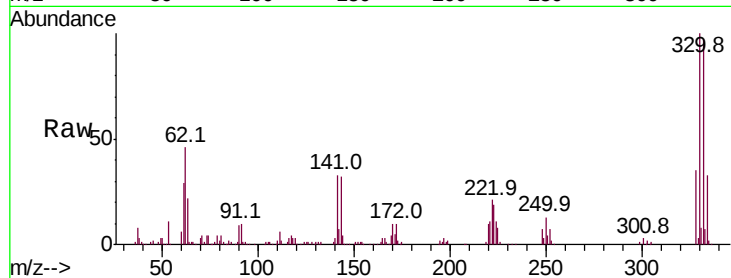




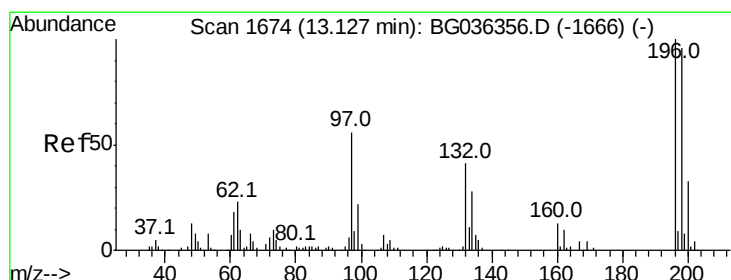
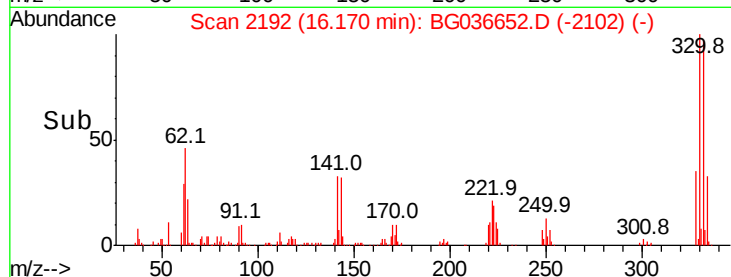
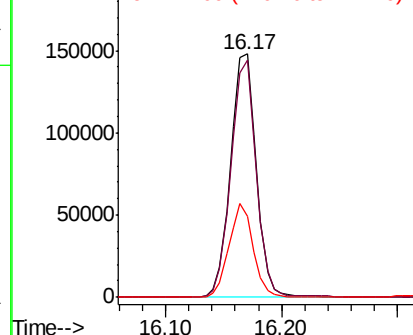
#41
 2,4,6-Tribromophenol
 Concen: 108.552 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :
 PB112716BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.2
141	36.3	30.7	46.1

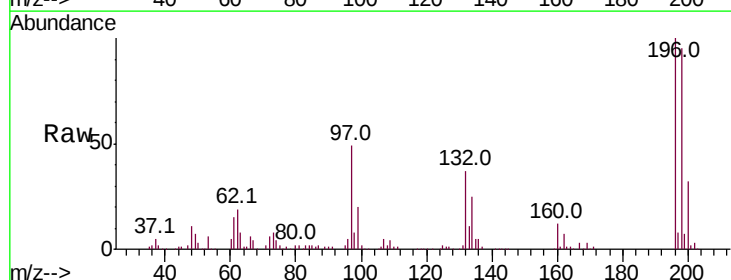


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

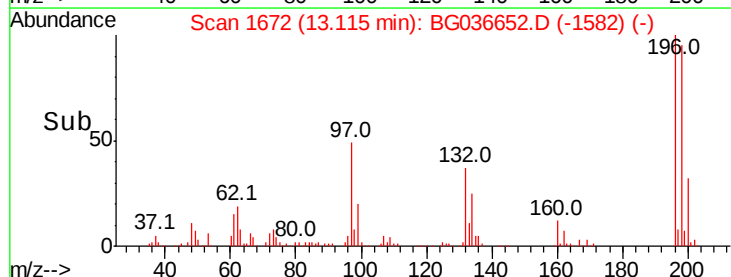
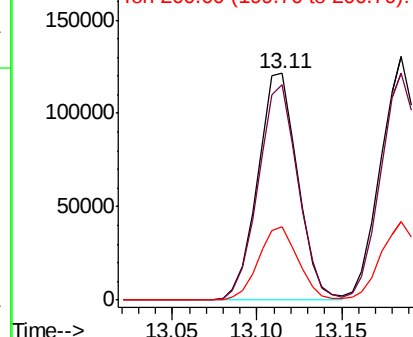


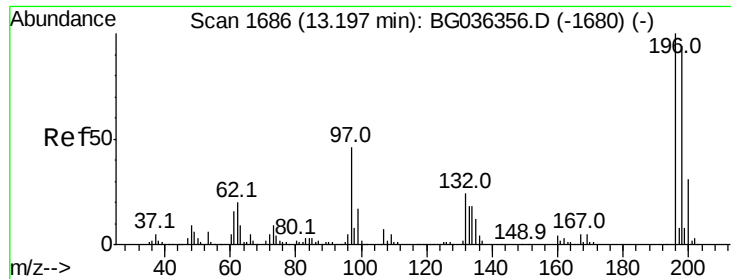
#42
 2,4,6-Trichlorophenol
 Concen: 52.374 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.2	115.8
200	32.3	26.3	39.5



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

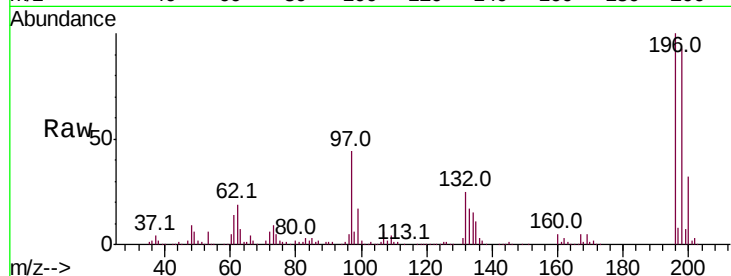




#43
 2,4,5-Trichlorophenol
 Concen: 52.592 ng
 RT: 13.19 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :
 PB112716BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.4	75.6	113.4
97	43.8	37.2	55.8
132	24.8	19.4	29.2



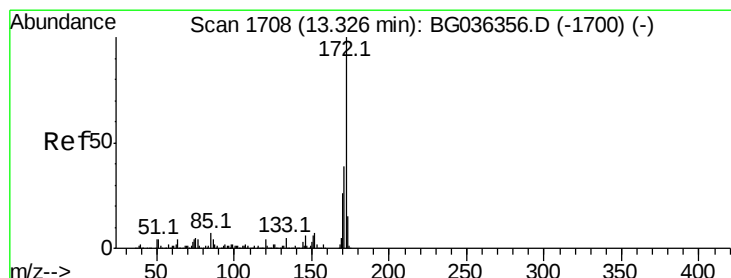
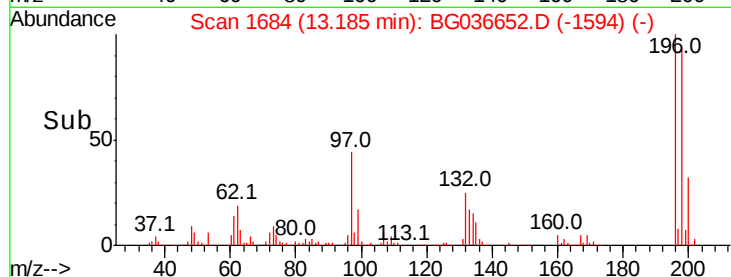
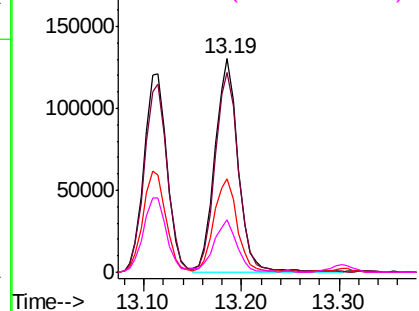
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

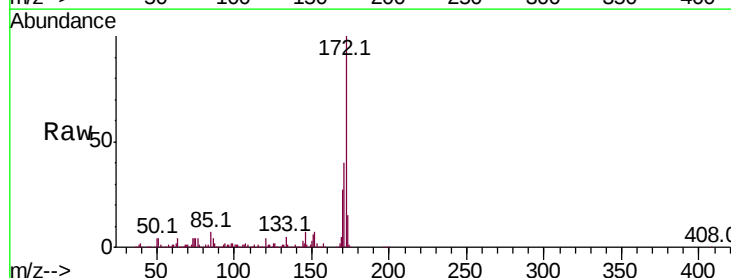
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.391 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.3	46.9
170	27.2	21.0	31.6

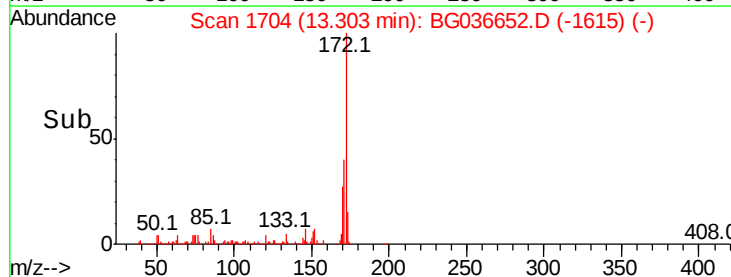
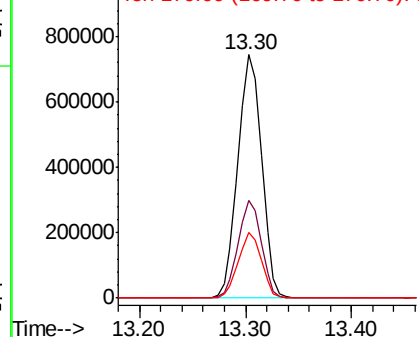


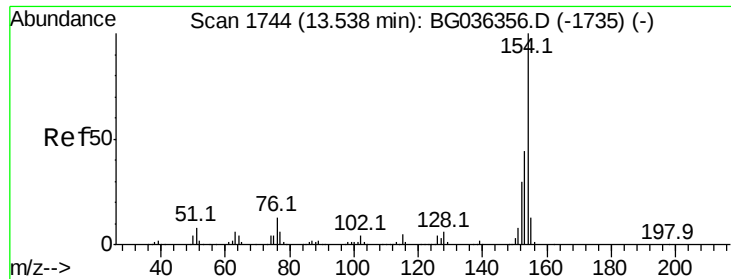
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

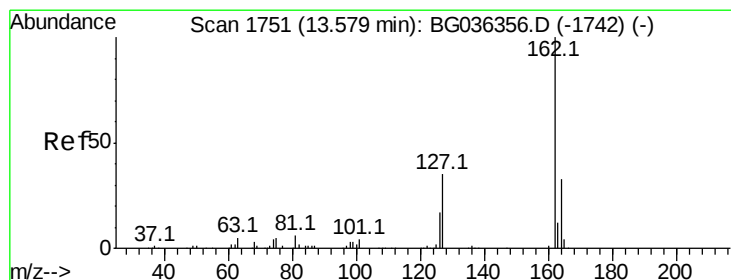
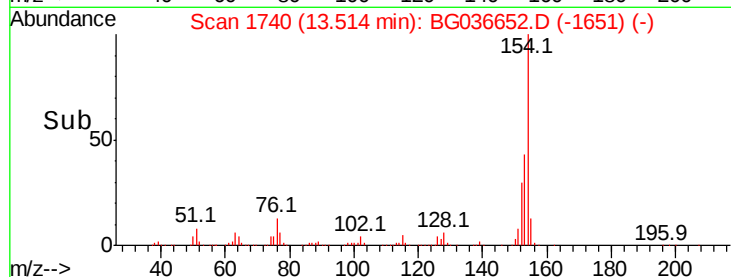
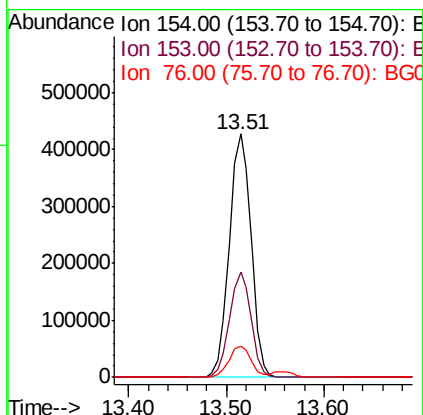
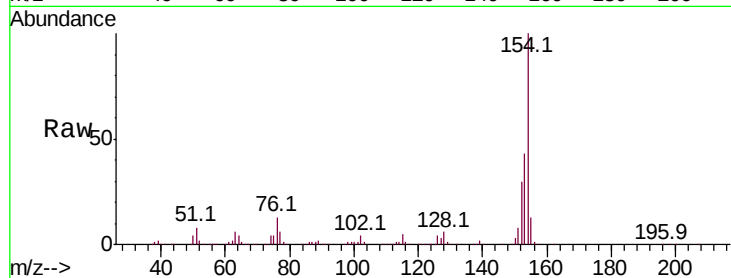




#45
 1,1'-Biphenyl
 Concen: 45.049 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

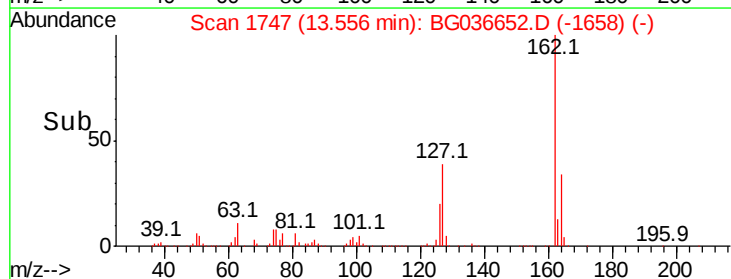
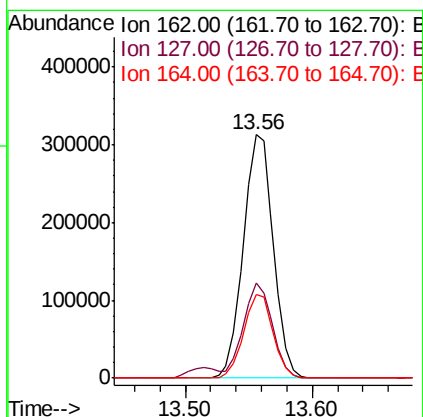
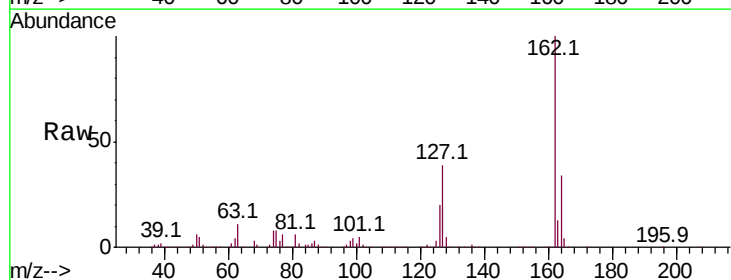
Instrument :
 BNA_G
 ClientSampleId :
 PB112716BSD

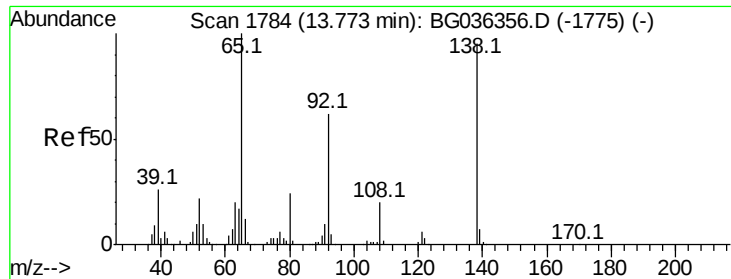
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.3	24.0	64.0
76	12.7	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 45.842 ng
 RT: 13.56 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.7	46.1
164	34.4	26.7	40.1

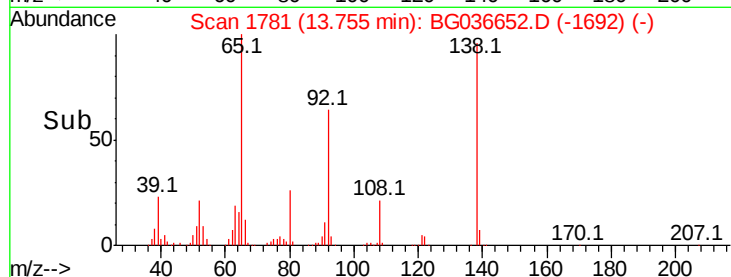
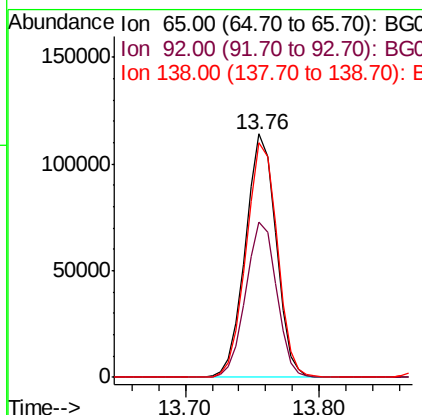
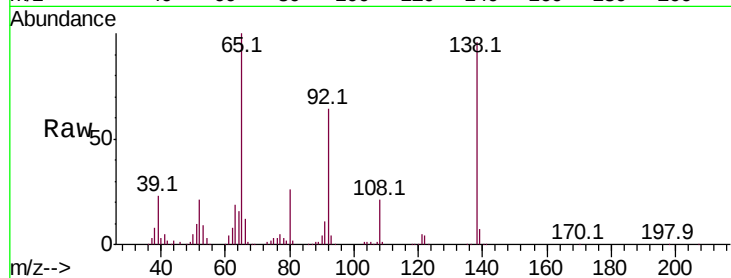




#47
2-Nitroaniline
Concen: 51.488 ng
RT: 13.76 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

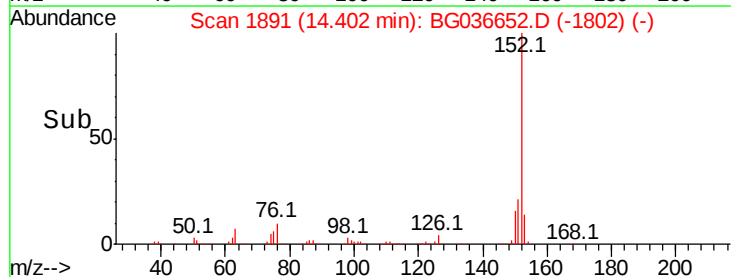
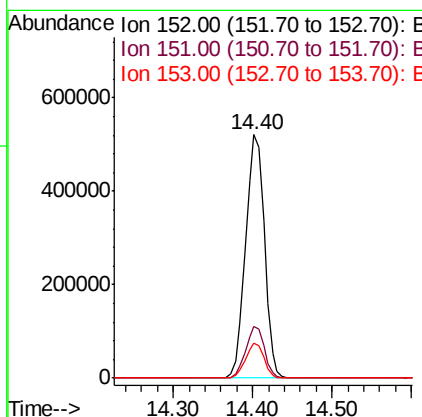
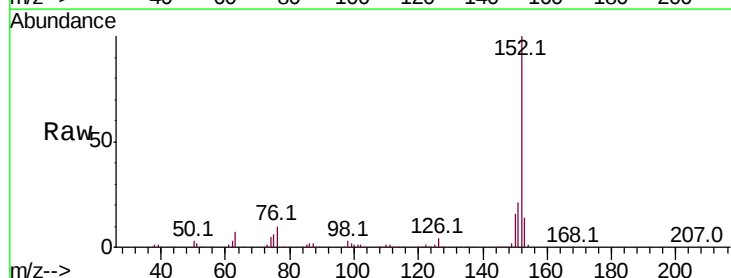
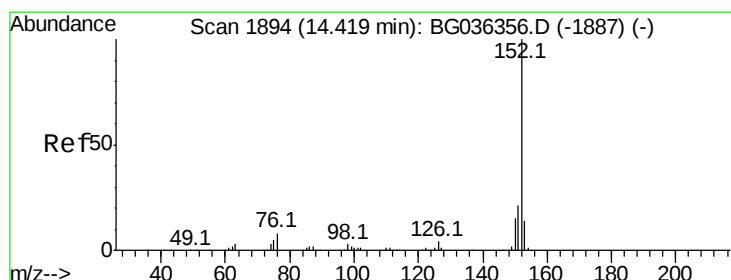
Instrument :
BNA_G
ClientSampleId :
PB112716BSD

Tot Ion: 65 Resp: 181000
Ion Ratio Lower Upper
65 100
92 63.9 49.9 74.9
138 96.3 76.2 114.4



#48
Acenaphthylene
Concen: 49.303 ng
RT: 14.40 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion: 152 Resp: 862601
Ion Ratio Lower Upper
152 100
151 21.3 16.9 25.3
153 14.1 11.2 16.8





#49

Dimethylphthalate

Concen: 48.066 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB112716BSD

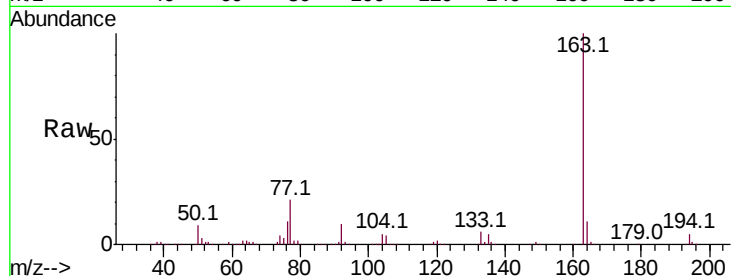
Tot Ion:163 Resp: 693375

Ion Ratio Lower Upper

163 100

194 5.3 4.0 6.0

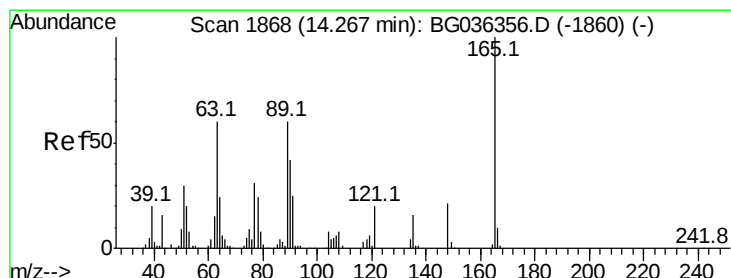
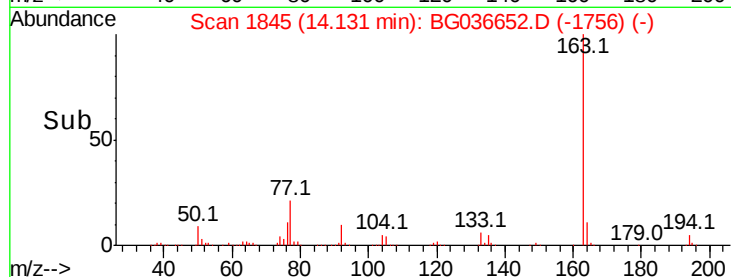
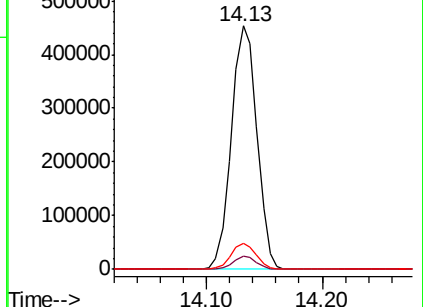
164 10.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.280 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

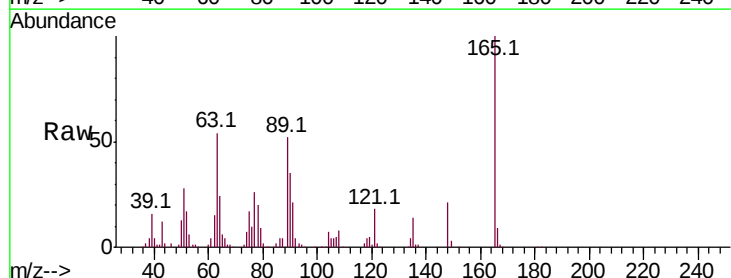
Tgt Ion:165 Resp: 152216

Ion Ratio Lower Upper

165 100

63 53.7 50.1 75.1

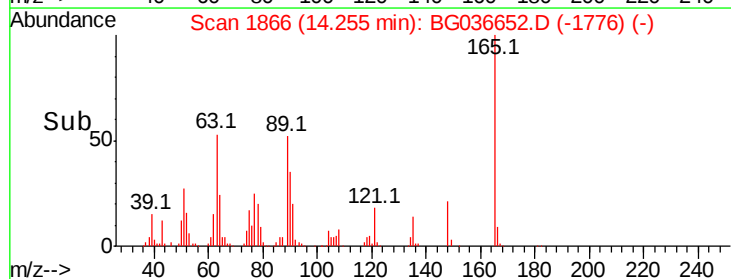
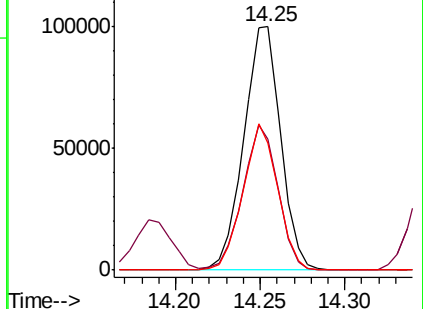
89 52.4 47.8 71.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 47.850 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB112716BSD

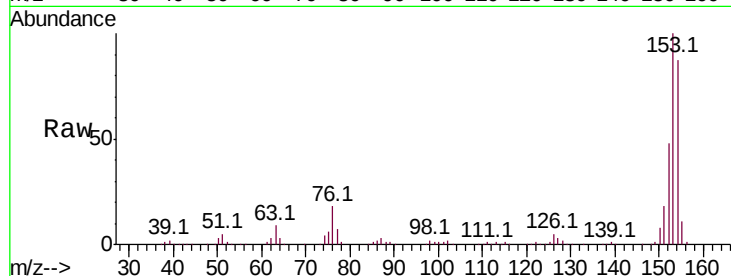
Tot Ion:154 Resp: 536164

Ion Ratio Lower Upper

154 100

153 114.9 91.8 137.6

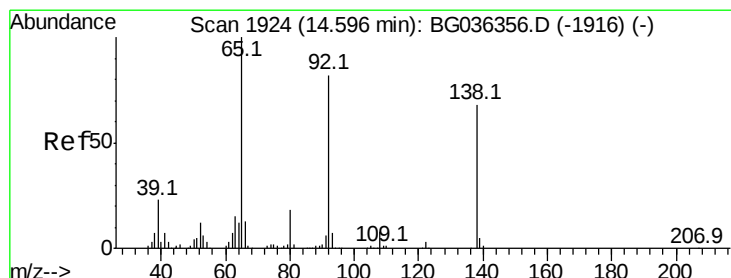
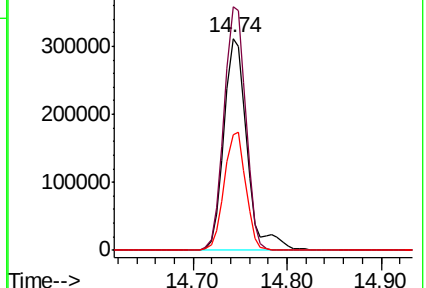
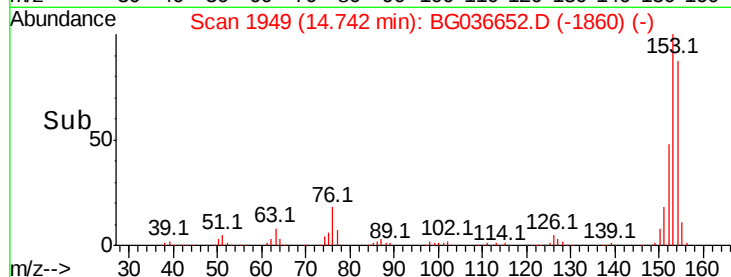
152 54.8 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.987 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

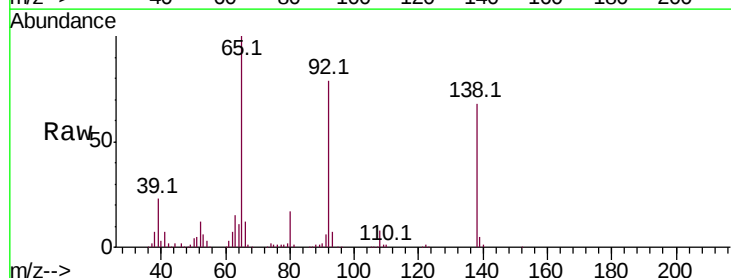
Tgt Ion:138 Resp: 127911

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.2

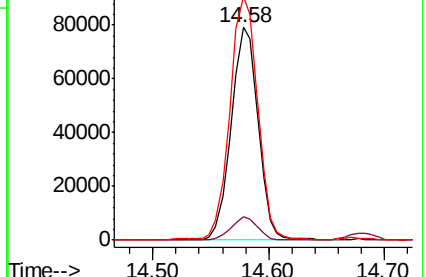
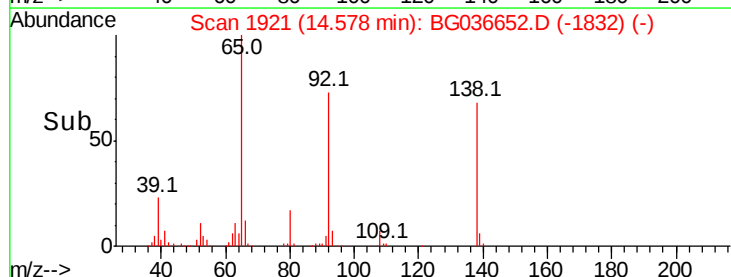
92 114.7 96.8 145.2

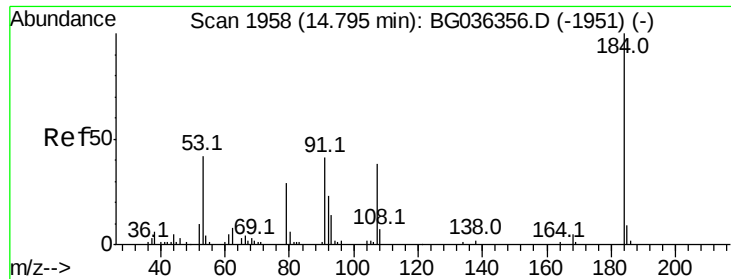


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

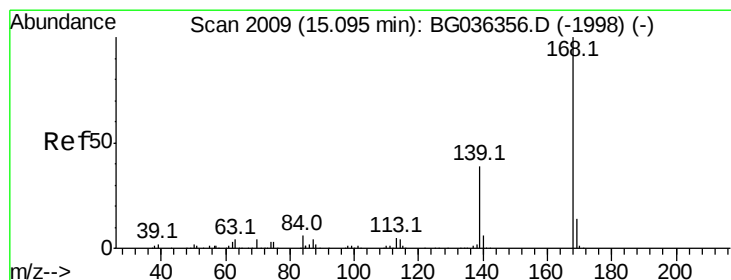
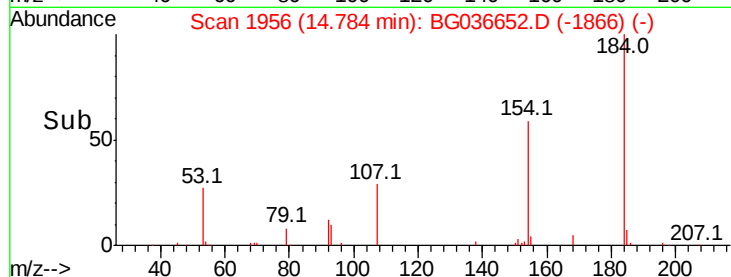
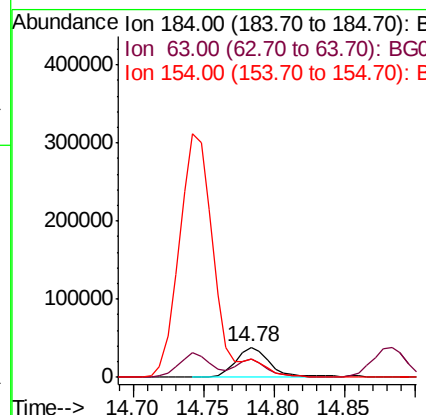
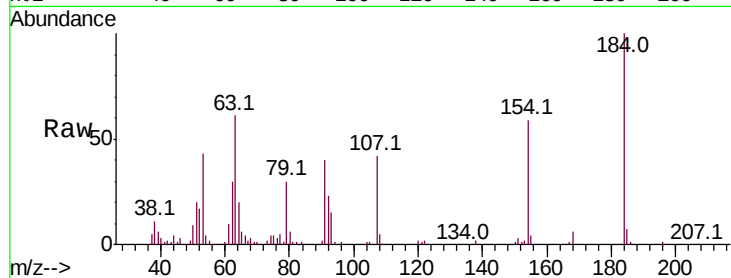




#53
 2,4-Dinitrophenol
 Concen: 57.545 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

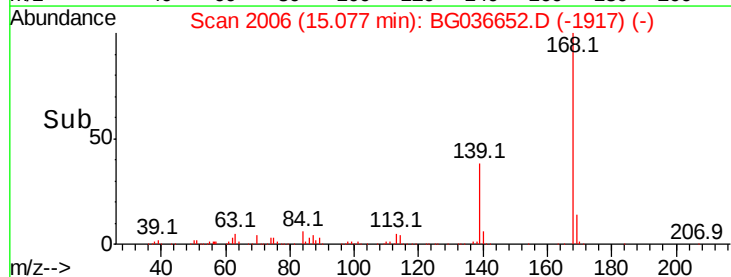
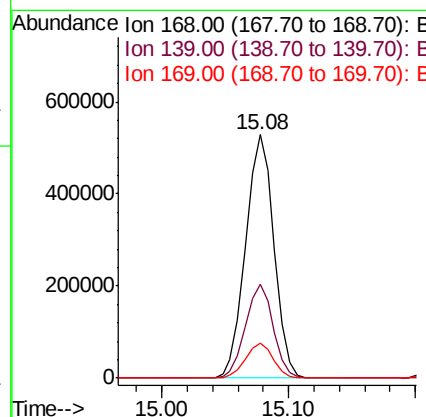
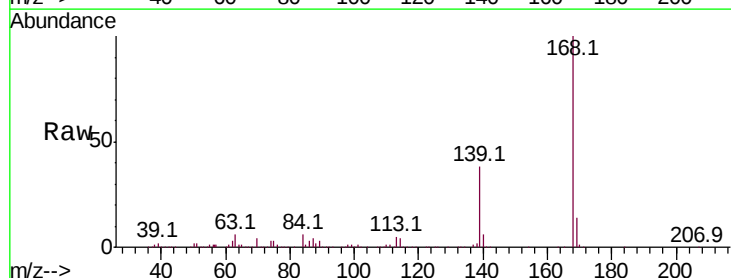
Instrument :
 BNA_G
 ClientSampleId :
 PB112716BSD

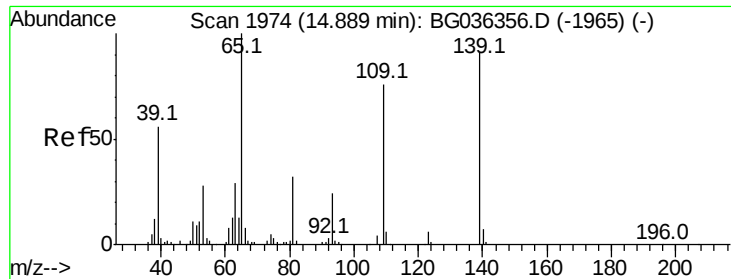
Tot Ion:184 Resp: 64700
 Ion Ratio Lower Upper
 184 100
 63 61.3 47.3 70.9
 154 59.1 51.1 76.7



#54
 Dibenzofuran
 Concen: 46.601 ng
 RT: 15.08 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Tgt Ion:168 Resp: 818073
 Ion Ratio Lower Upper
 168 100
 139 38.3 31.0 46.6
 169 14.5 11.1 16.7

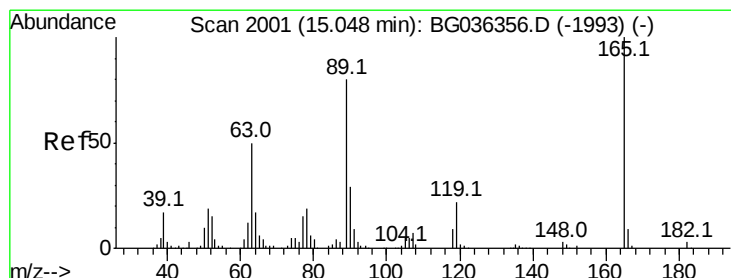
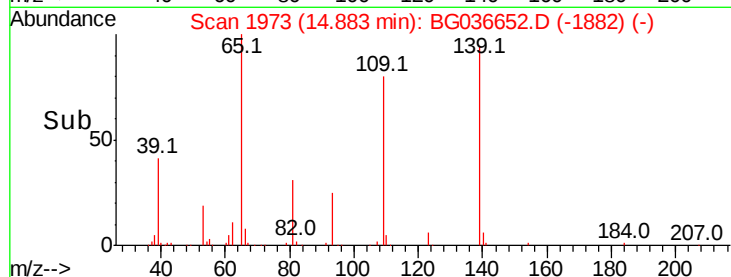
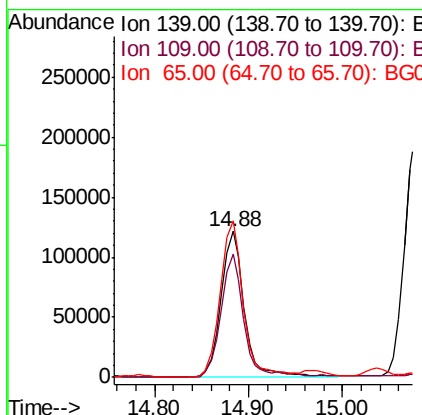
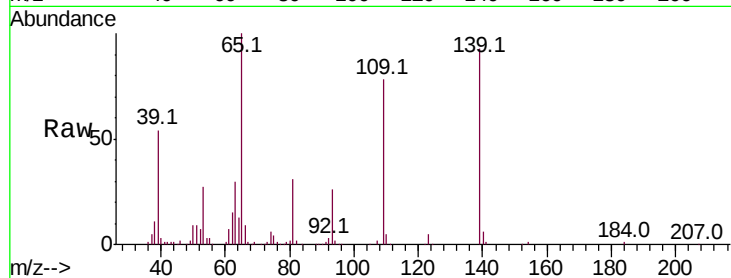




#55
4-Nitrophenol
Concen: 81.098 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

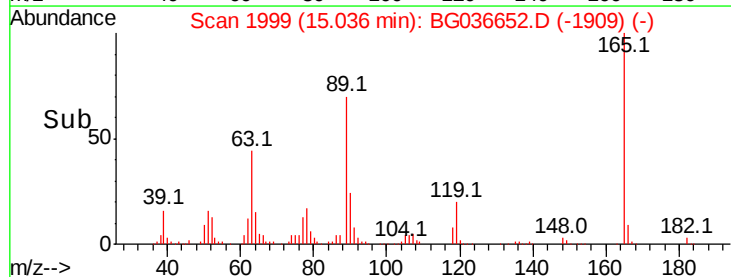
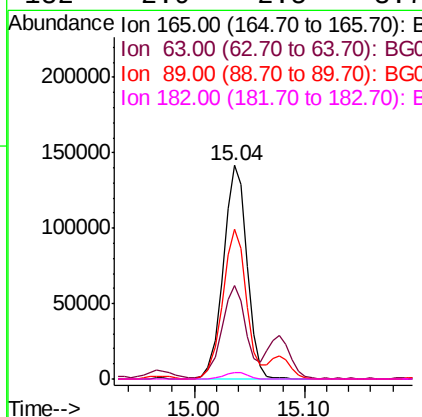
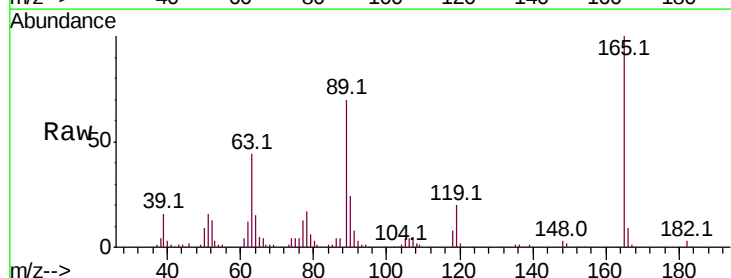
Instrument :
BNA_G
ClientSampleId :
PB112716BSD

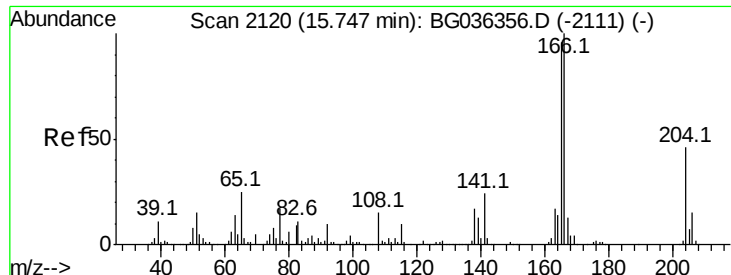
Tot Ion:139 Resp: 212105
Ion Ratio Lower Upper
139 100
109 84.4 63.9 103.9
65 107.7 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 54.801 ng
RT: 15.04 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion:165 Resp: 212007
Ion Ratio Lower Upper
165 100
63 43.6 40.1 60.1
89 70.4 63.7 95.5
182 2.9 2.5 3.7

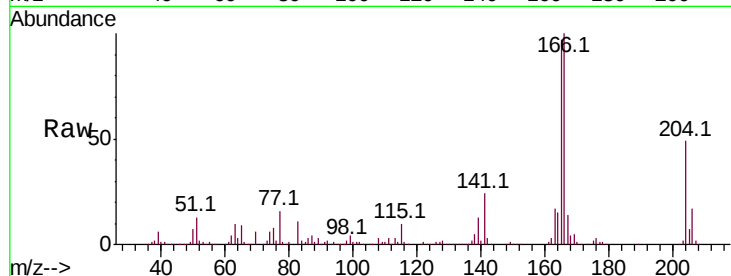




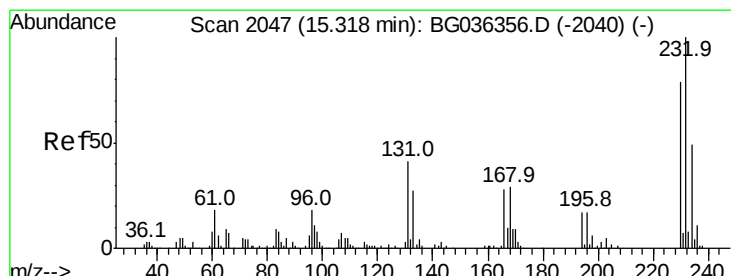
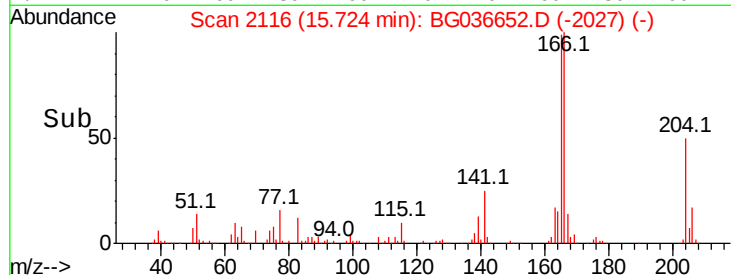
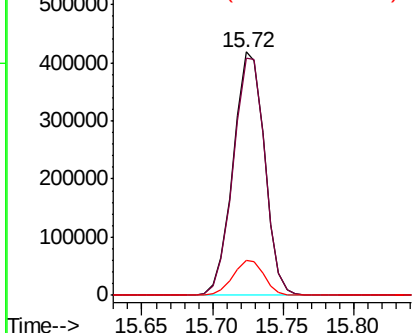
#57
Fluorene
 Concen: 49.304 ng
 RT: 15.72 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :
 PB112716BSD

Tot Ion:166 Resp: 647027
 Ion Ratio Lower Upper
 166 100
 165 97.4 77.0 115.4
 167 14.3 10.6 16.0



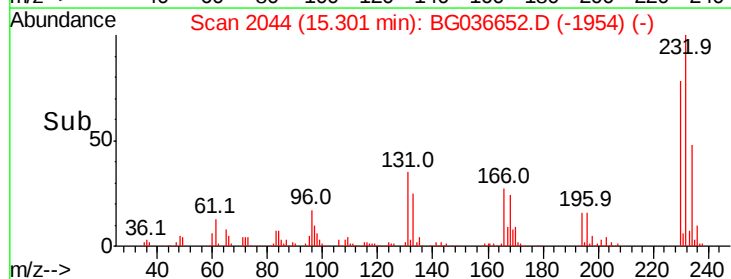
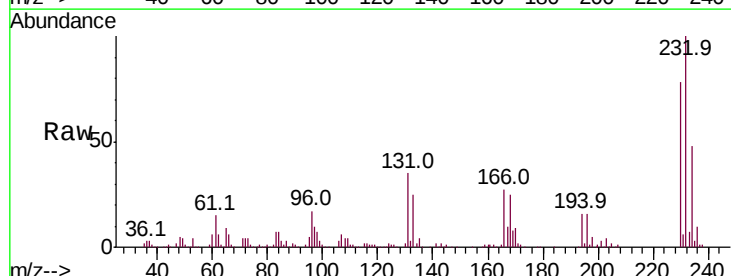
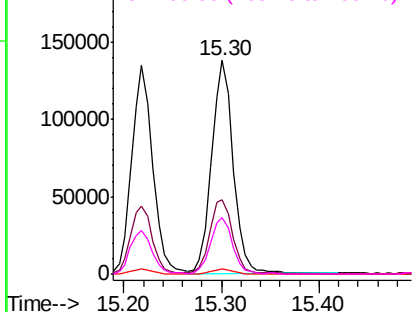
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

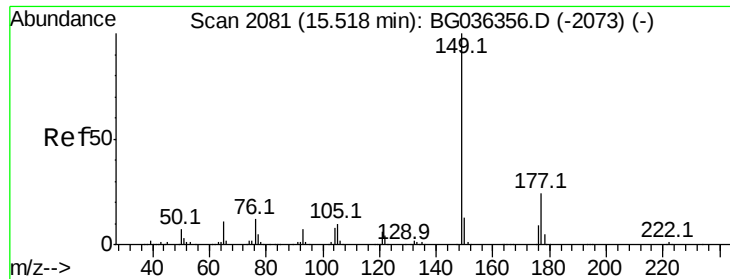


#58
2,3,4,6-Tetrachlorophenol
 Concen: 55.296 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Tgt Ion:232 Resp: 211033
 Ion Ratio Lower Upper
 232 100
 131 36.7 33.8 50.8
 130 2.3 2.1 3.1
 166 26.2 22.3 33.5

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

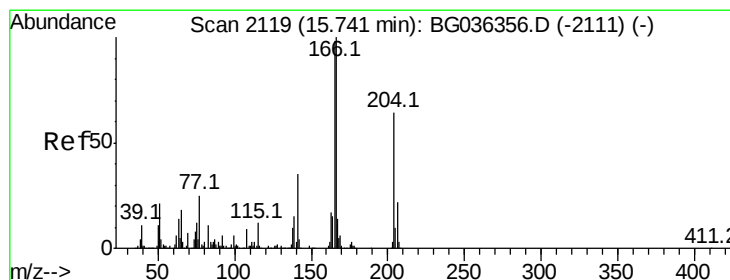
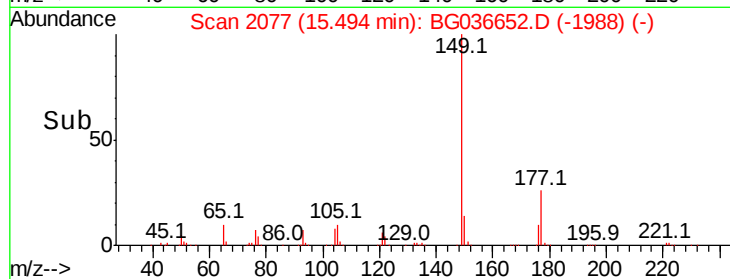
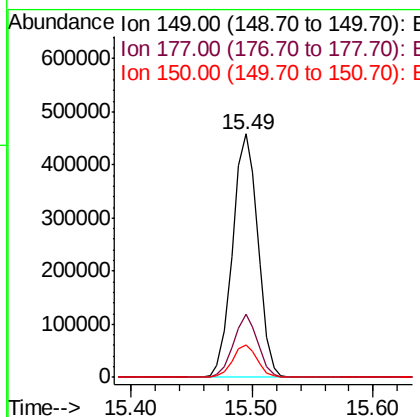
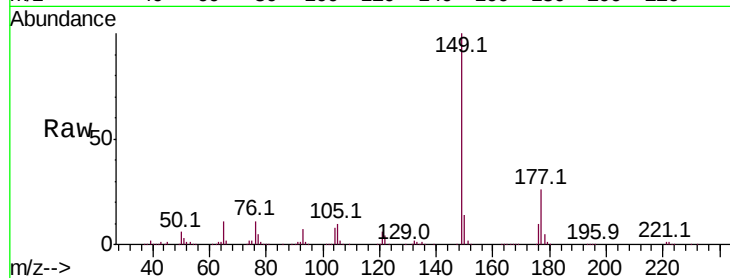




#59
Diethylphthalate
Concen: 46.101 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

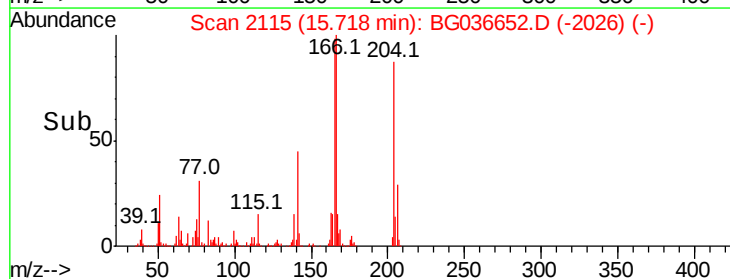
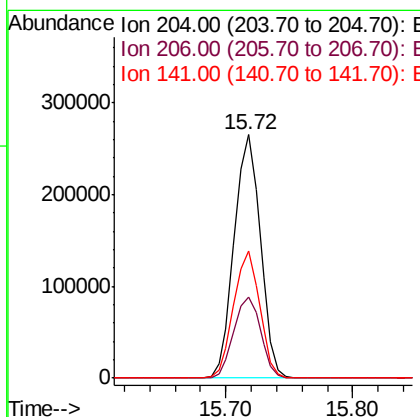
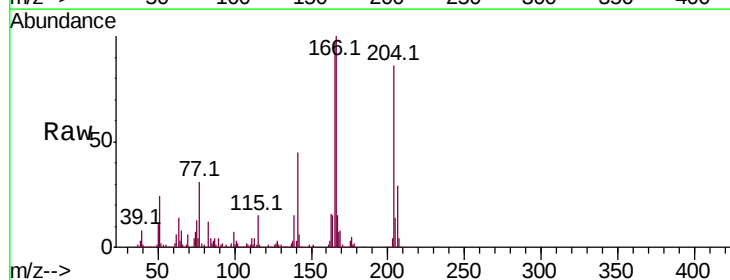
Instrument :
BNA_G
ClientSampleId :
PB112716BSD

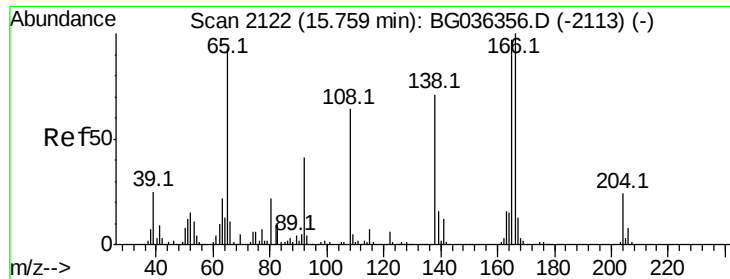
Tot Ion:	149	Resp:	670209
Ion	Ratio	Lower	Upper
149	100		
177	25.9	19.1	28.7
150	13.6	10.7	16.1



#60
4-Chlorophenyl-phenylether
Concen: 46.827 ng
RT: 15.72 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion:	204	Resp:	379460
Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.0	40.4
141	52.1	43.8	65.6

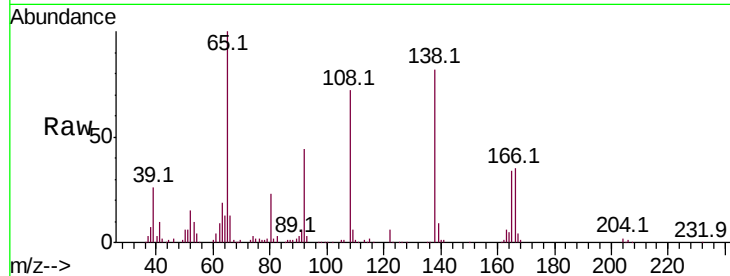




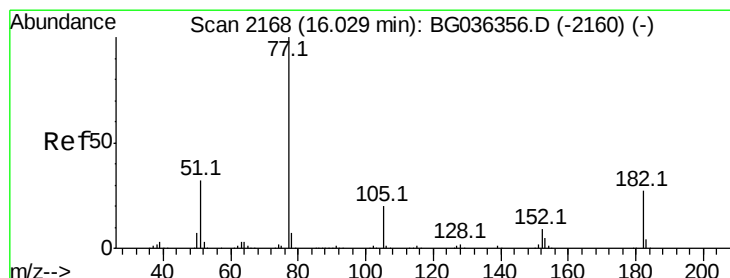
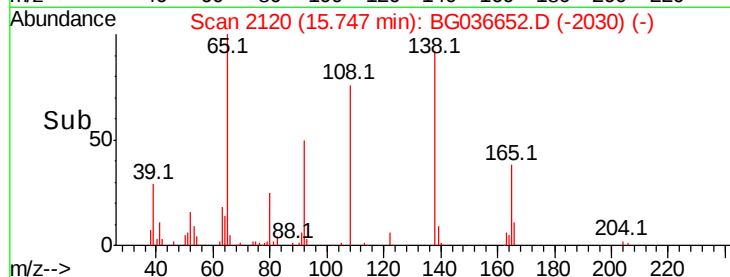
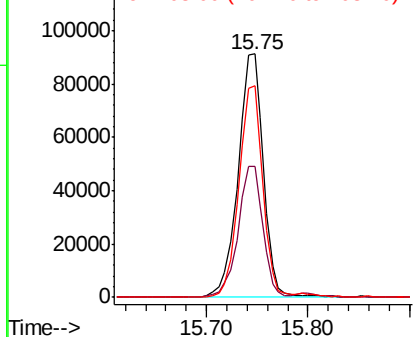
#61
4-Nitroaniline
Concen: 47.163 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :
PB112716BSD

Tot Ion:138 Resp: 157869
Ion Ratio Lower Upper
138 100
92 53.8 38.5 78.5
108 87.0 70.3 110.3

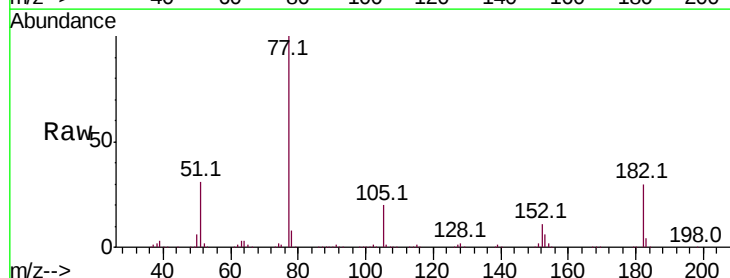


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

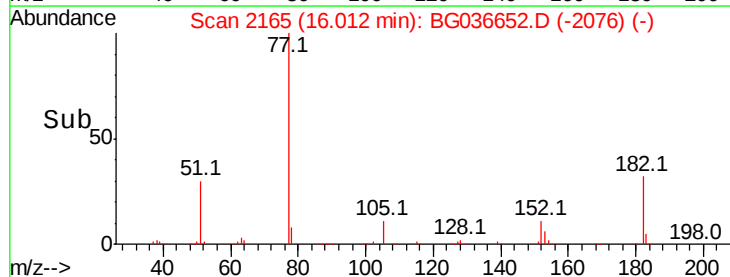
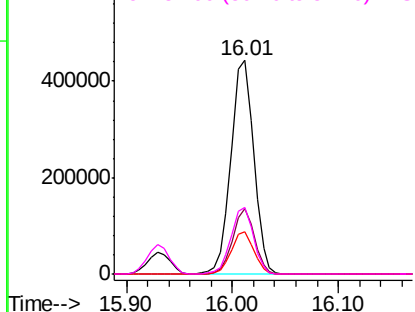


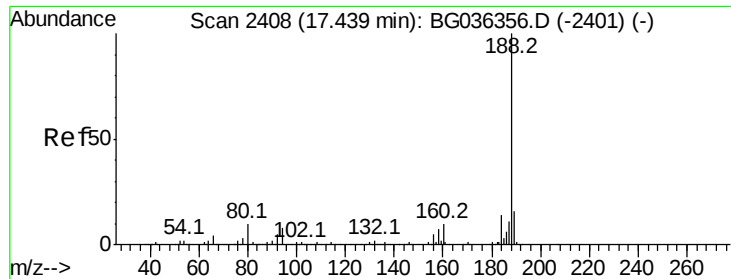
#62
Azobenzene
Concen: 44.485 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion: 77 Resp: 658002
Ion Ratio Lower Upper
77 100
182 30.4 6.7 46.7
105 20.1 0.0 39.8
51 31.2 12.4 52.4



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

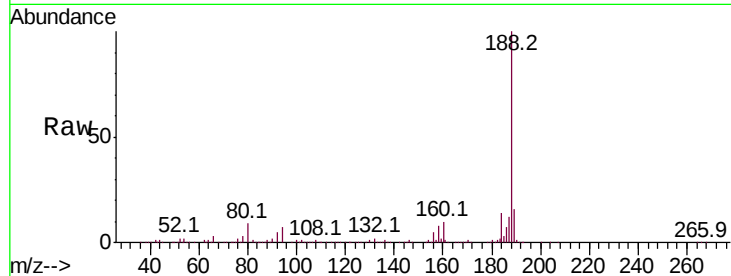




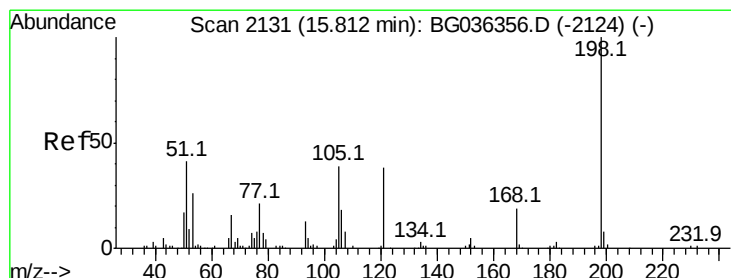
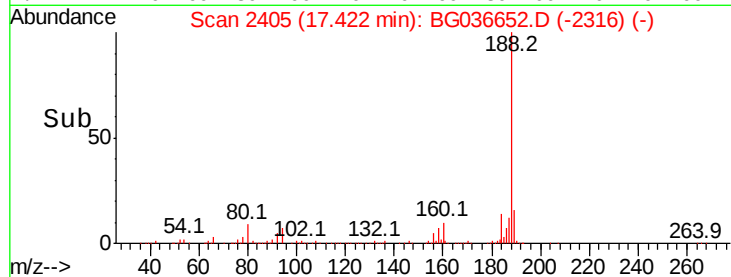
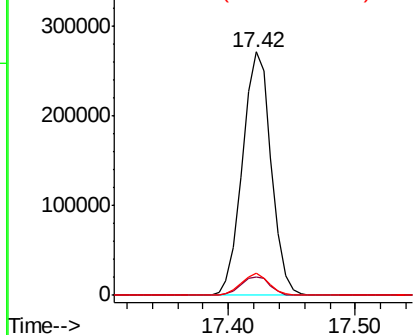
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :
PB112716BSD

Tot Ion:188 Resp: 425613
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.3 8.1 12.1

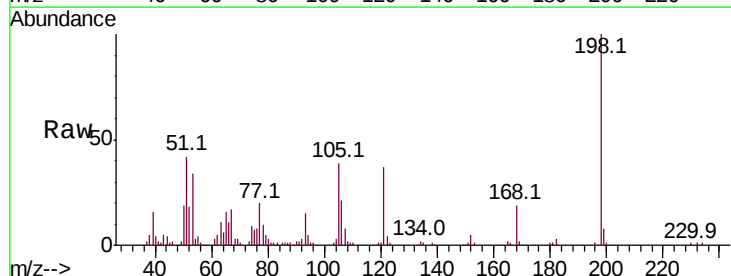


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

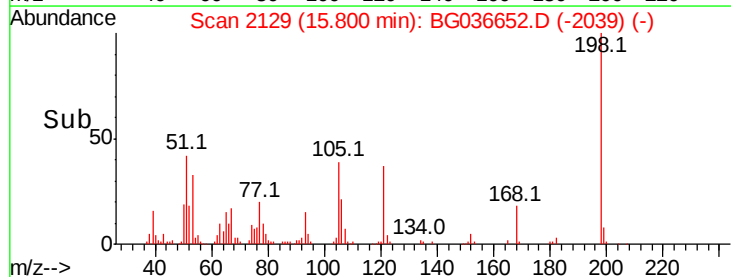
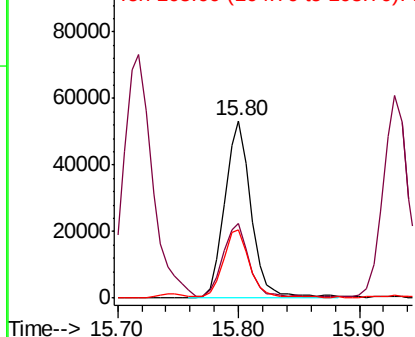


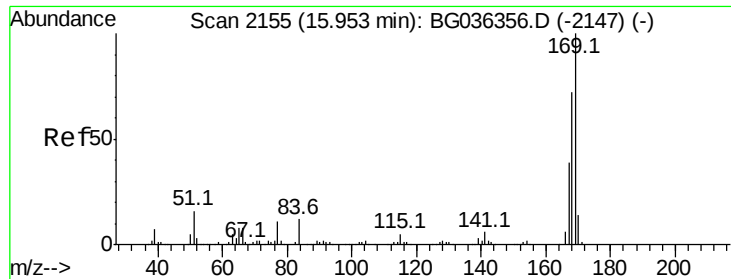
#64
4,6-Dinitro-2-methylphenol
Concen: 43.277 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion:198 Resp: 80912
Ion Ratio Lower Upper
198 100
51 41.9 26.5 66.5
105 38.7 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

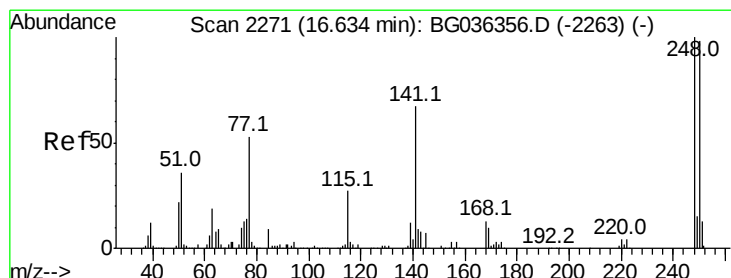
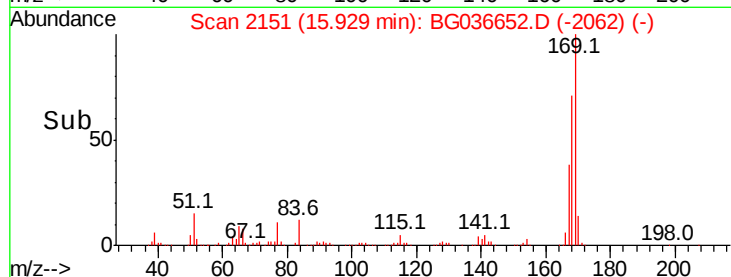
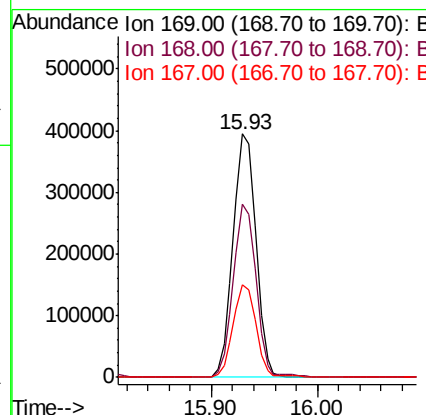
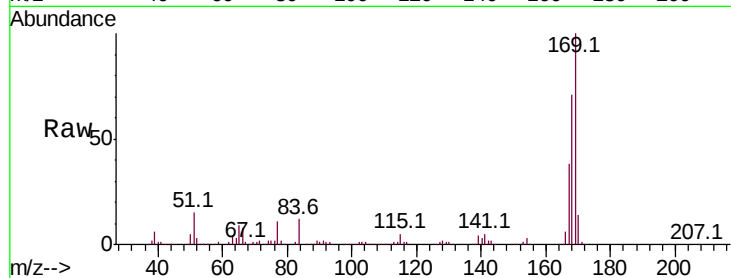




#65
 n-Nitrosodiphenylamine
 Concen: 46.754 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

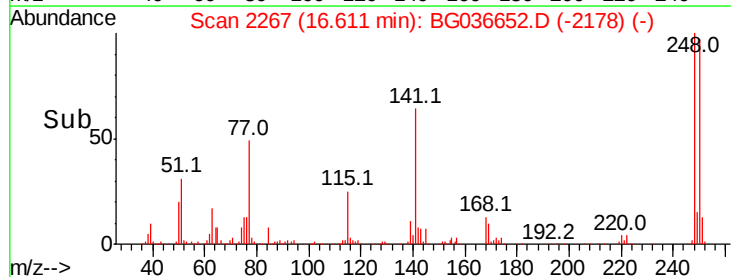
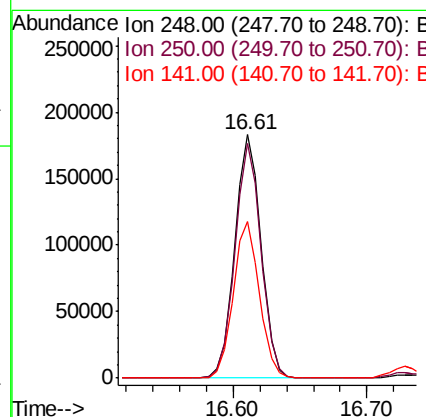
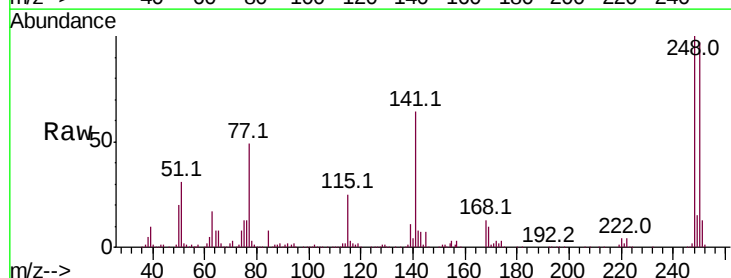
Instrument :
 BNA_G
 ClientSampleId :
 PB112716BSD

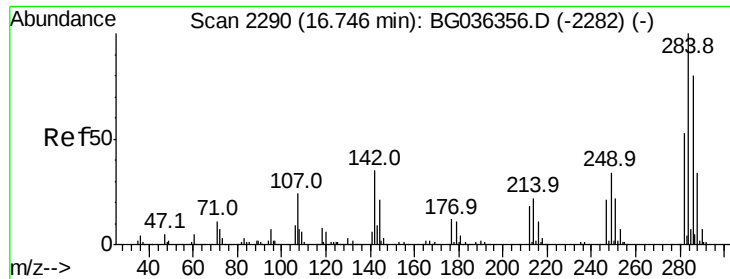
Tot Ion	Ratio	Lower	Upper
169	100		
168	71.0	57.6	86.4
167	38.2	31.0	46.4



#66
 4-Bromophenyl-phenylether
 Concen: 50.463 ng
 RT: 16.61 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.1	117.1
141	64.3	53.7	80.5





#67

Hexachlorobenzene

Concen: 49.391 ng

RT: 16.73 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB112716BSD

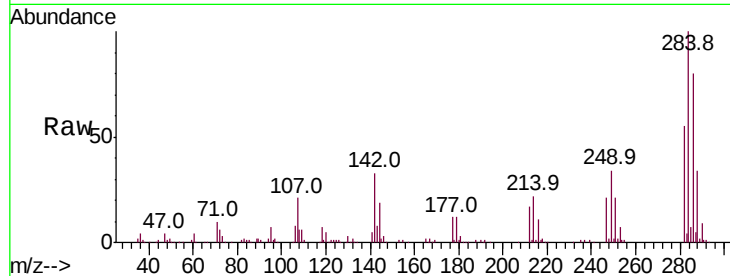
Tot Ion:284 Resp: 251663

Ion Ratio Lower Upper

284 100

142 33.4 27.8 41.6

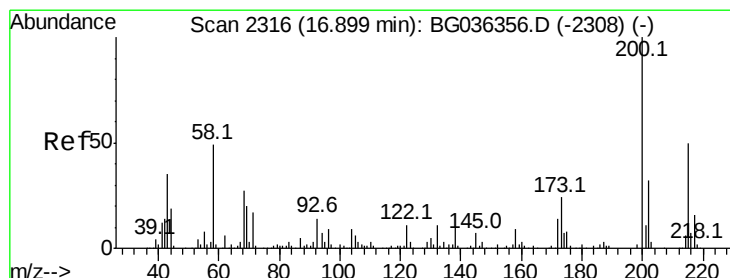
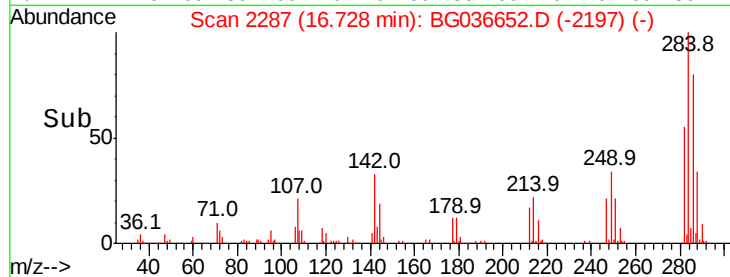
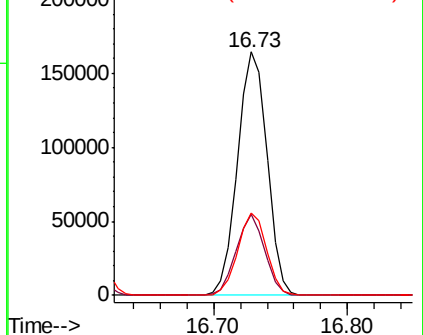
249 33.6 27.4 41.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 51.361 ng

RT: 16.88 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

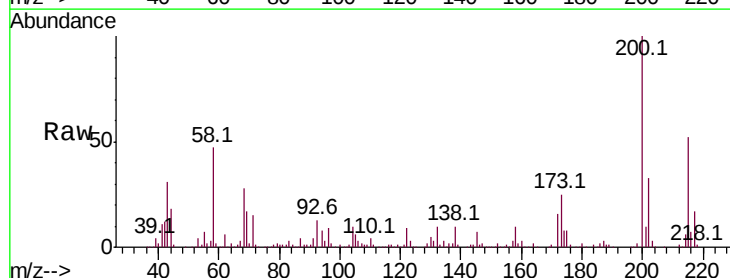
Tgt Ion:200 Resp: 243803

Ion Ratio Lower Upper

200 100

173 24.6 3.9 43.9

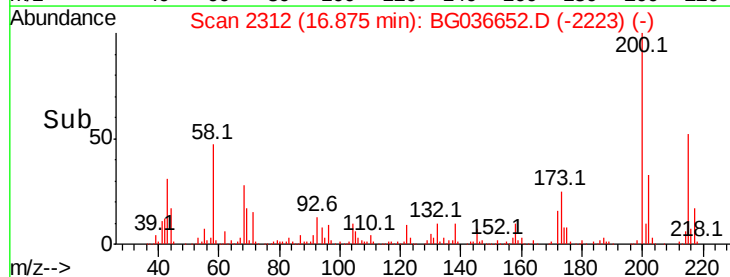
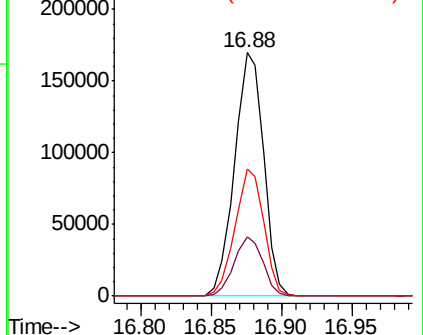
215 52.4 30.4 70.4



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

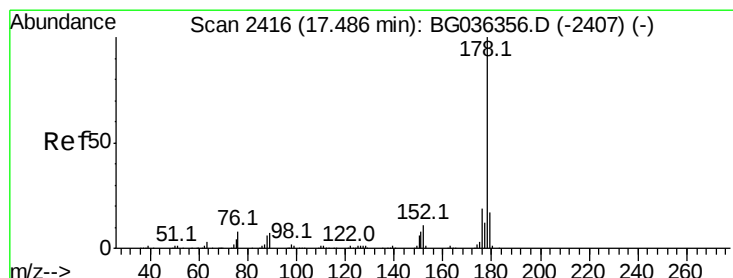
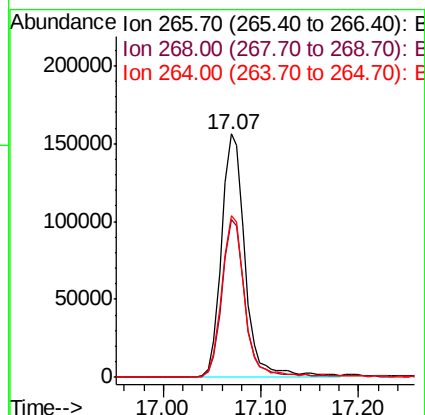
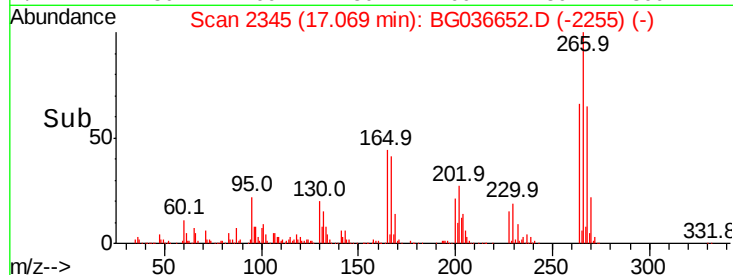
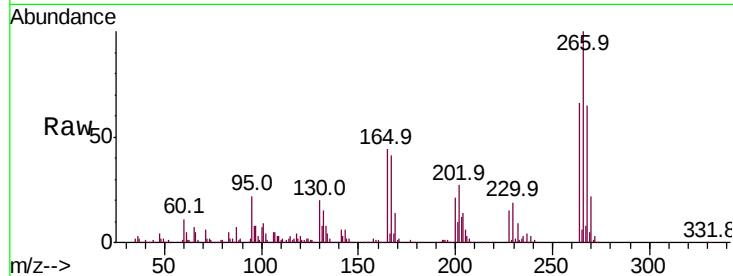




#69
 Pentachlorophenol
 Concen: 75.707 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

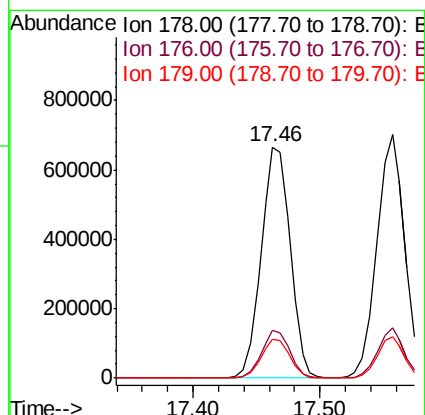
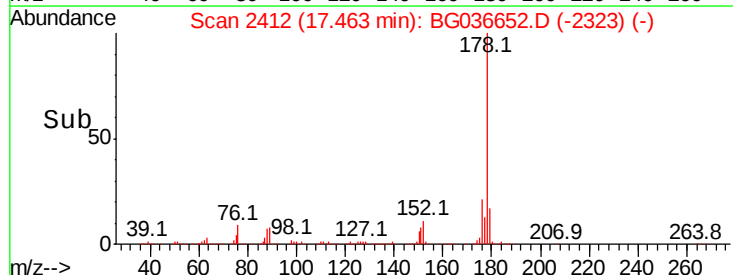
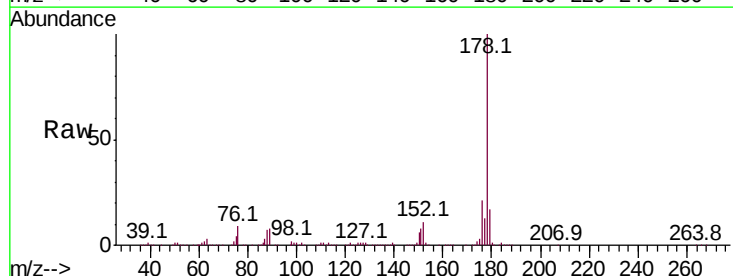
Instrument :
 BNA_G
 ClientSampleId :
 PB112716BSD

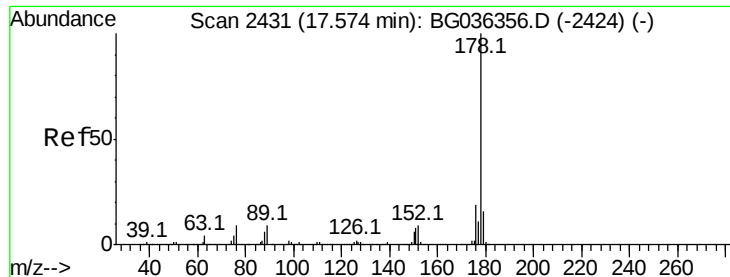
Tot Ion:	266	Resp:	262171
Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.4	77.2
264	66.2	48.9	73.3



#70
 Phenanthrene
 Concen: 49.056 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Tgt Ion:	178	Resp:	1060907
Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.4	23.2
179	16.7	13.4	20.2

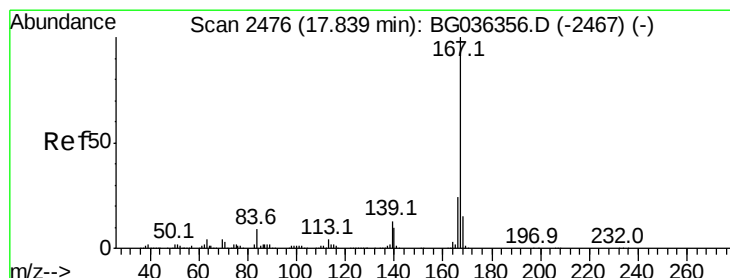
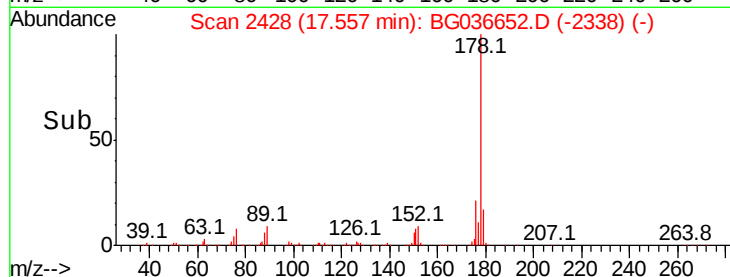
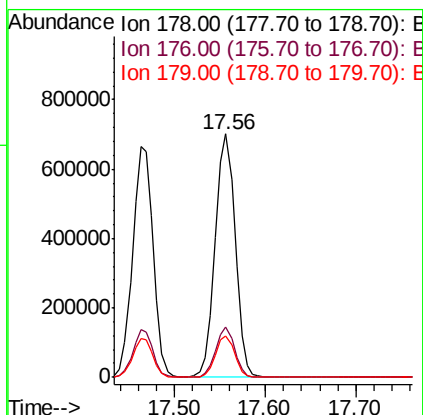
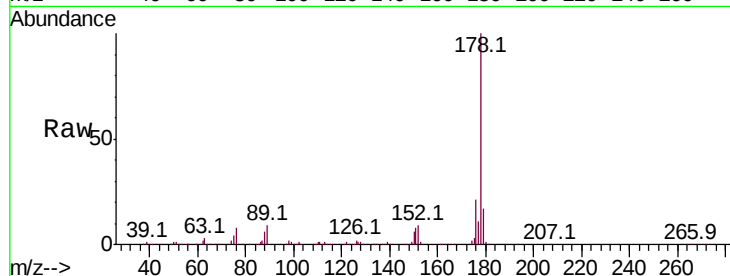




#71
 Anthracene
 Concen: 49.783 ng
 RT: 17.56 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

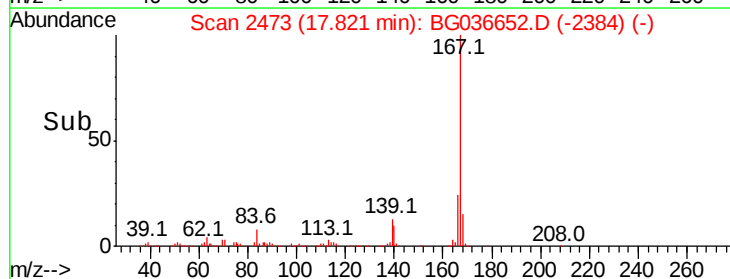
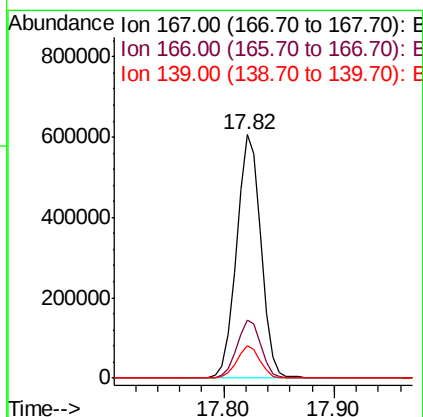
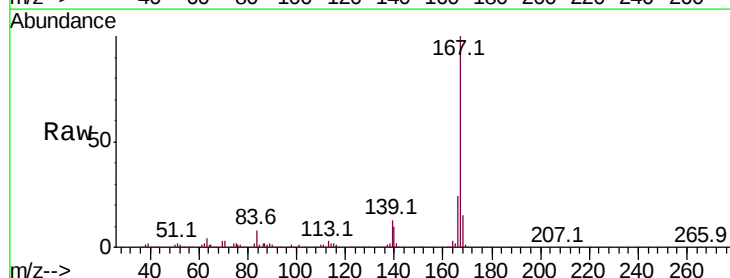
Instrument :
 BNA_G
 ClientSampleId :
 PB112716BSD

Tot Ion:178 Resp: 1073229
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.4 23.2
 179 17.1 13.0 19.4



#72
 Carbazole
 Concen: 43.544 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Tgt Ion:167 Resp: 937496
 Ion Ratio Lower Upper
 167 100
 166 23.6 19.5 29.3
 139 13.5 10.7 16.1





#73

Di-n-butylphthalate

Concen: 43.899 ng

RT: 18.38 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB112716BSD

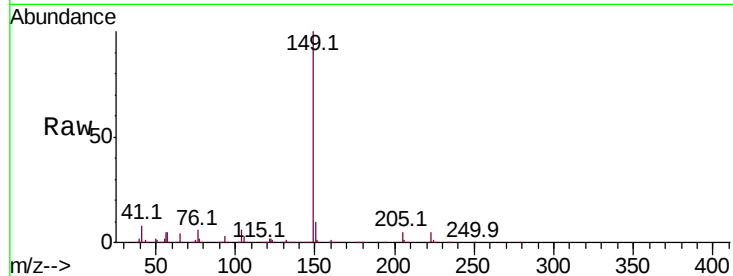
Tot Ion:149 Resp: 1052458

Ion Ratio Lower Upper

149 100

150 10.4 8.1 12.1

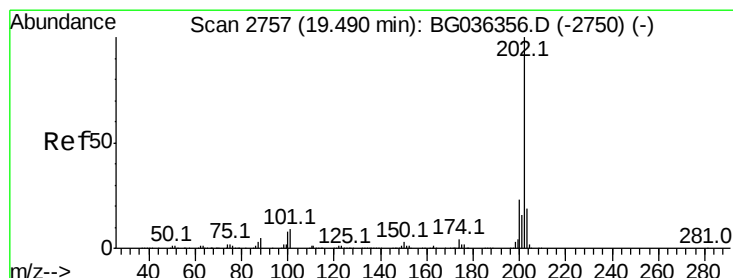
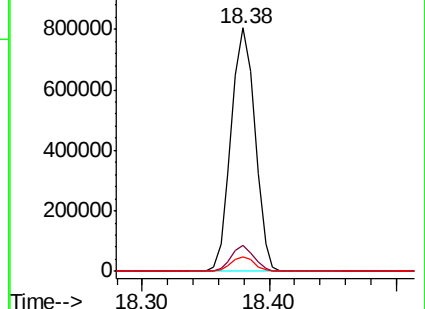
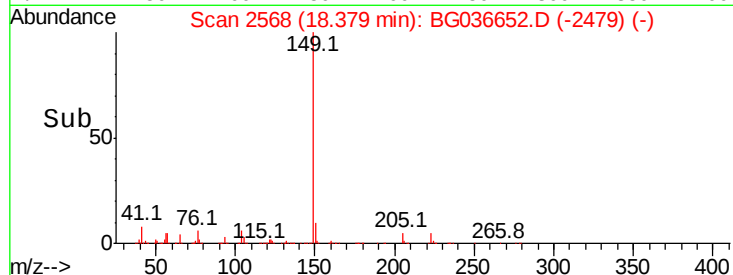
104 6.1 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.942 ng

RT: 19.47 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

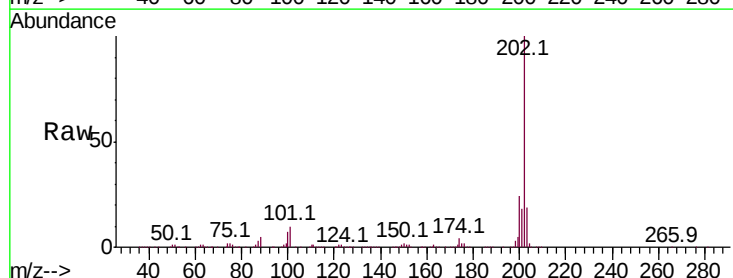
Tgt Ion:202 Resp: 1264111

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.4

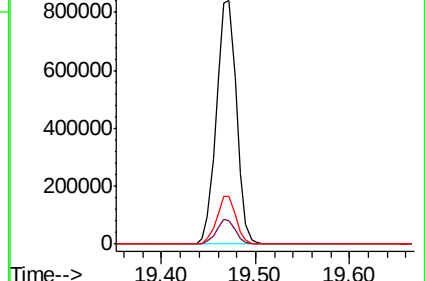
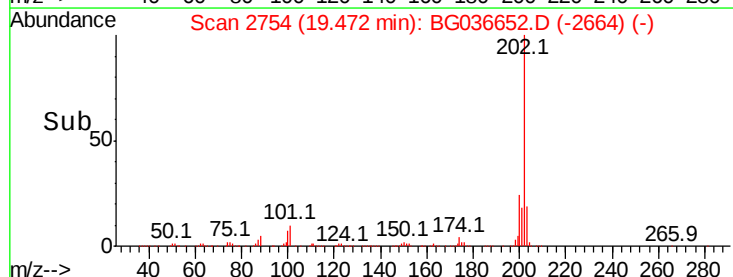
203 19.4 0.0 38.9

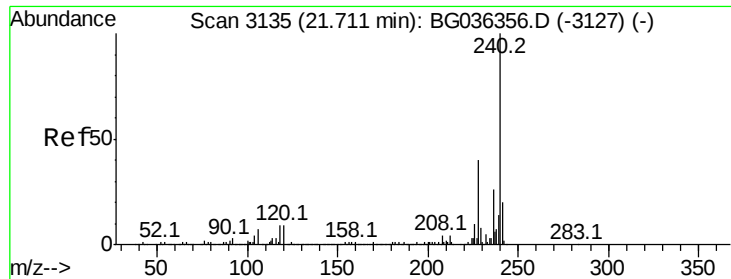


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB112716BSD

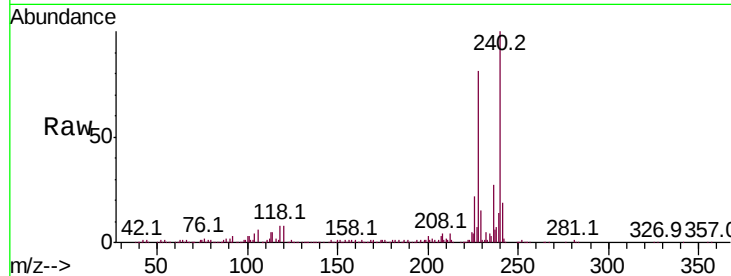
Tot Ion:240 Resp: 416170

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

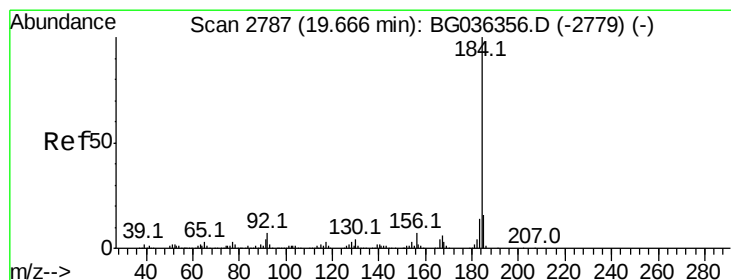
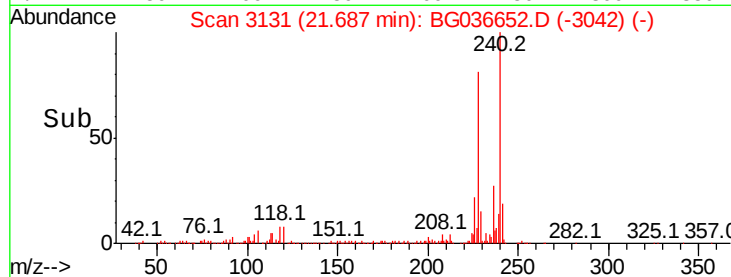
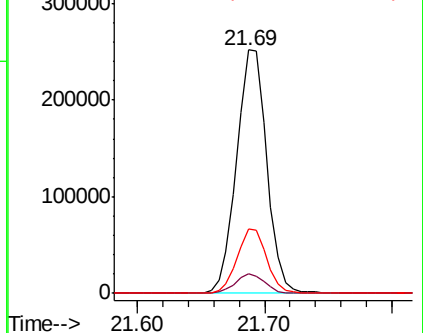
236 26.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.765 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

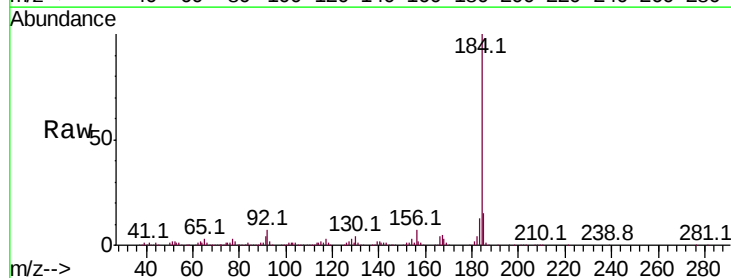
Tgt Ion:184 Resp: 567822

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

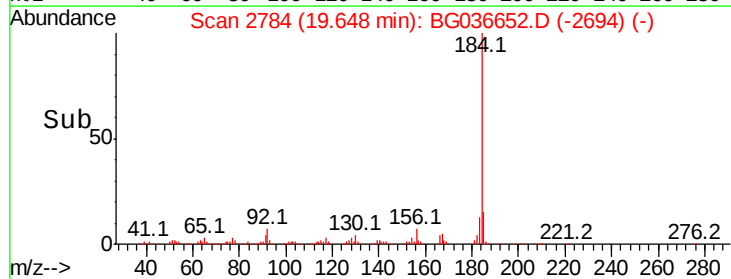
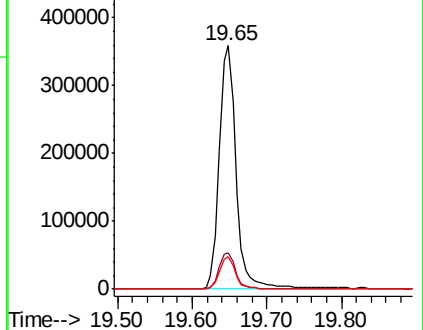
183 13.2 10.9 16.3

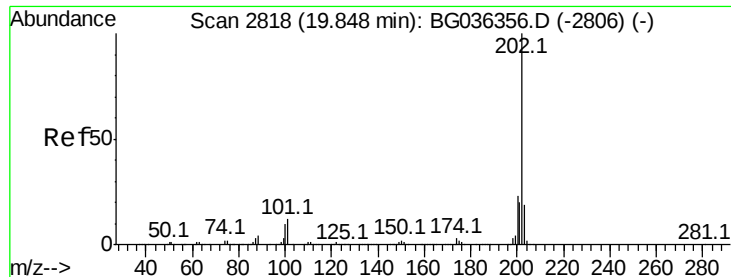


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.511 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Instrument :

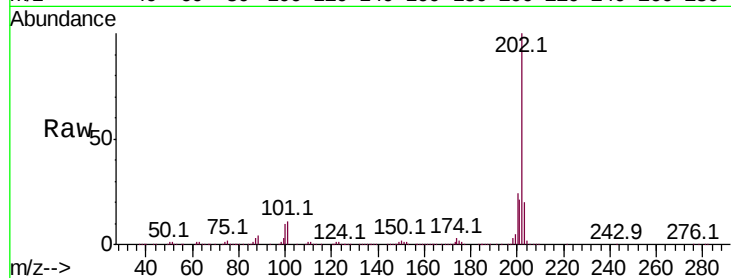
BNA_G

ClientSampleId :

PB112716BSD

Tot Ion:202 Resp: 1241493

Ion	Ratio	Lower	Upper
202	100		
200	23.9	18.3	27.5
203	20.0	15.1	22.7

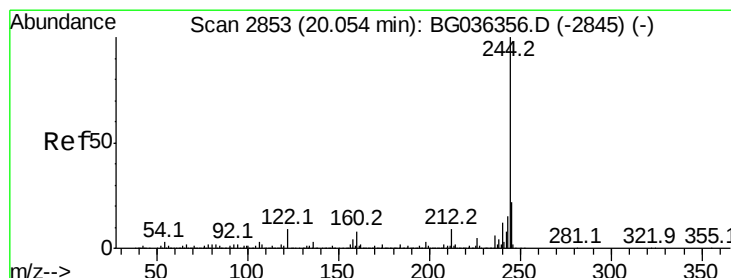
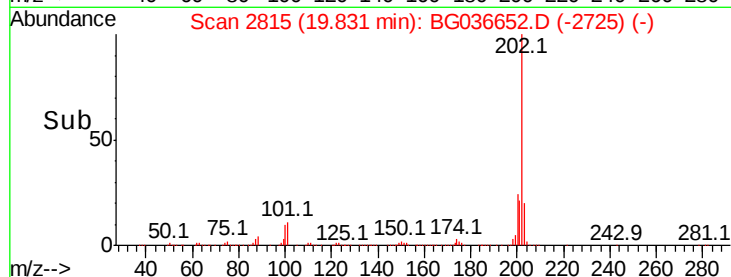
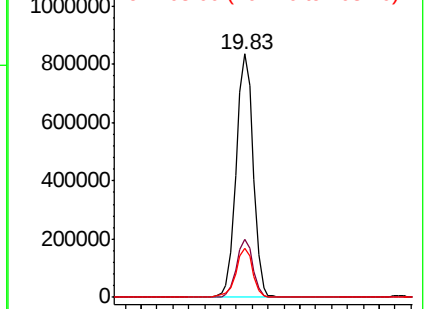


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 98.694 ng

RT: 20.03 min Scan# 2849

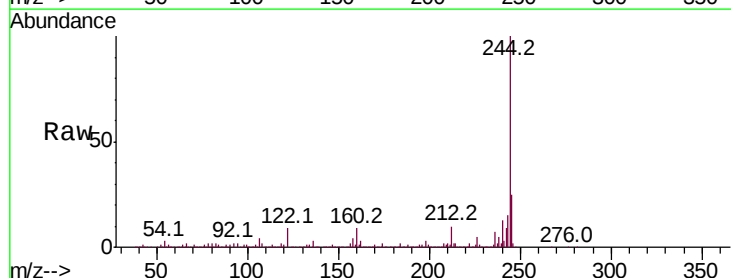
Delta R.T. -0.00 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Tgt Ion:244 Resp: 1757277

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.0	10.6
122	9.5	7.1	10.7

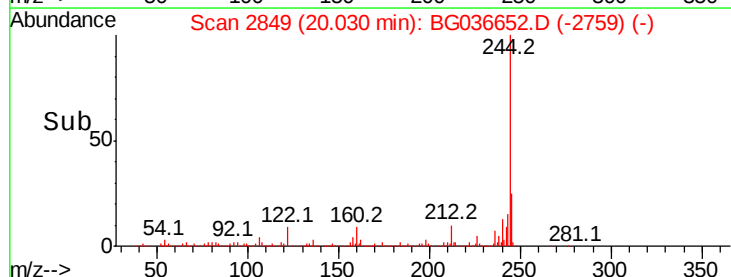
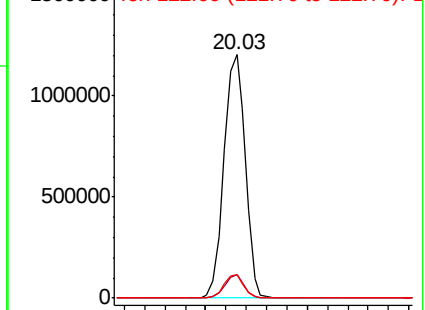


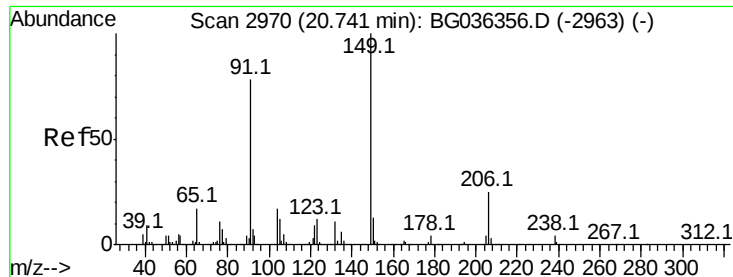
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

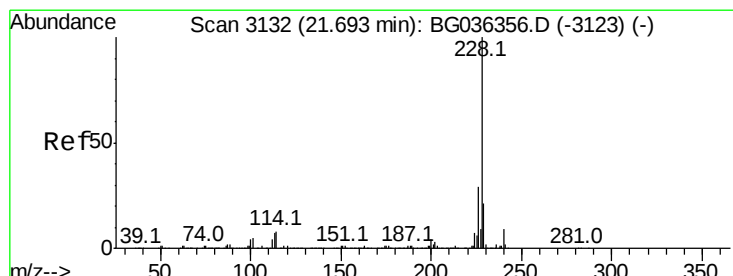
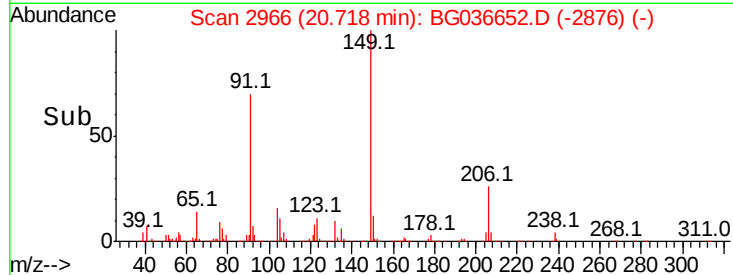
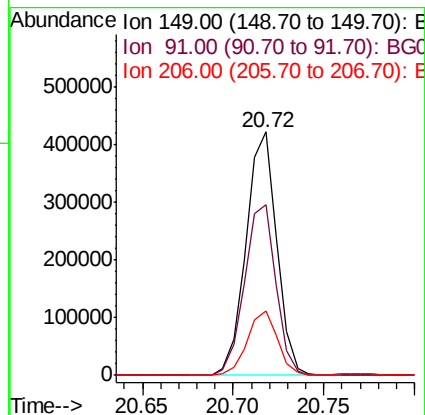
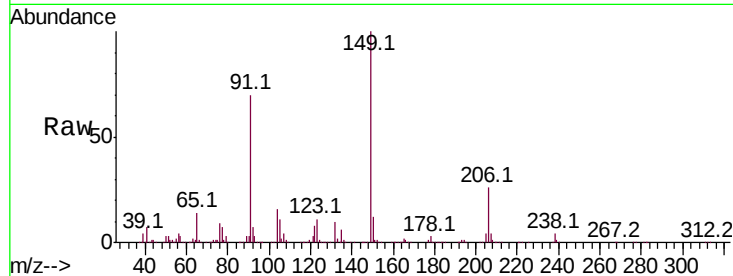




#79
Butylbenzylphthalate
Concen: 48.807 ng
RT: 20.72 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

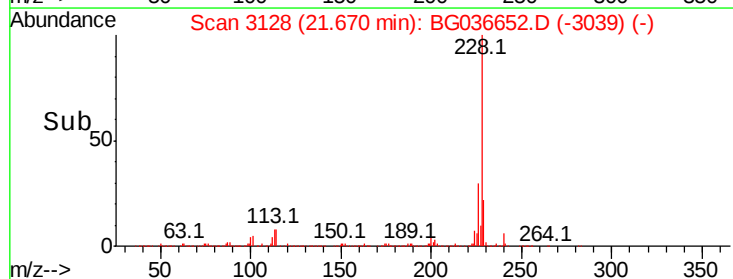
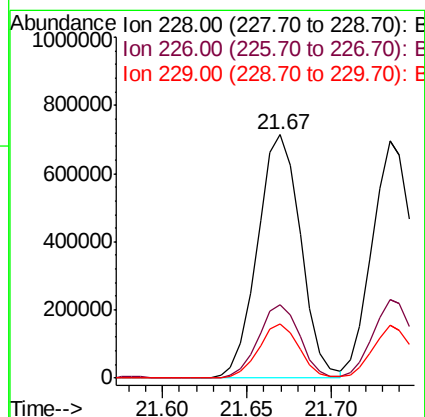
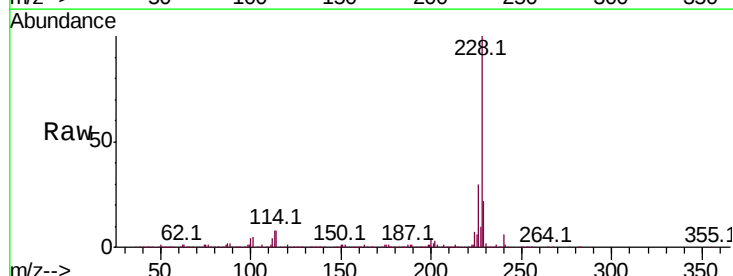
Instrument :
BNA_G
ClientSampleId :
PB112716BSD

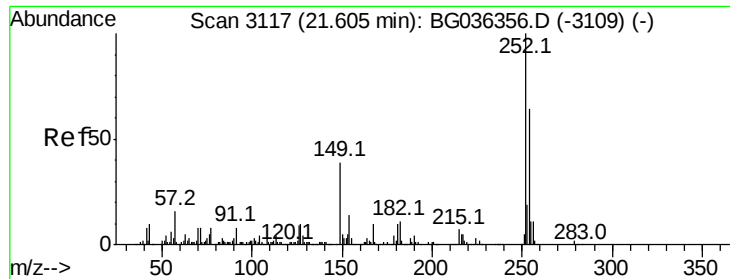
Tot Ion:149 Resp: 497092
Ion Ratio Lower Upper
149 100
91 70.2 62.0 93.0
206 26.3 19.6 29.4



#80
Benzo(a)anthracene
Concen: 50.373 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion:228 Resp: 1270016
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.2
229 22.3 17.1 25.7

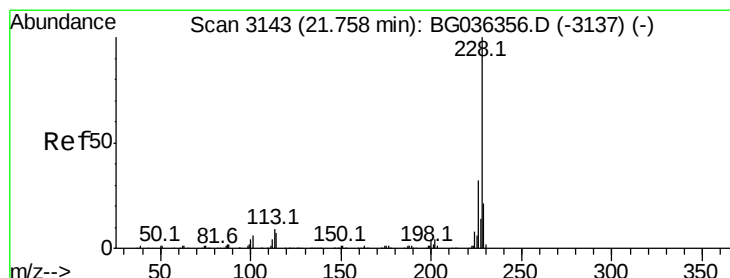
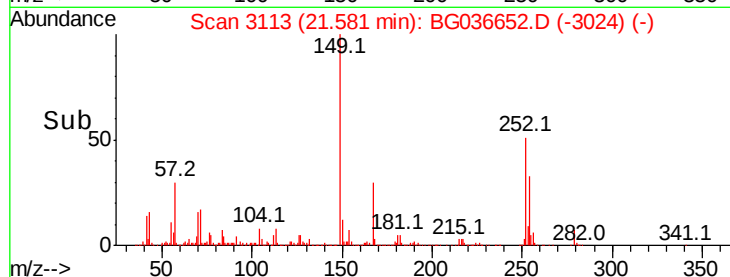
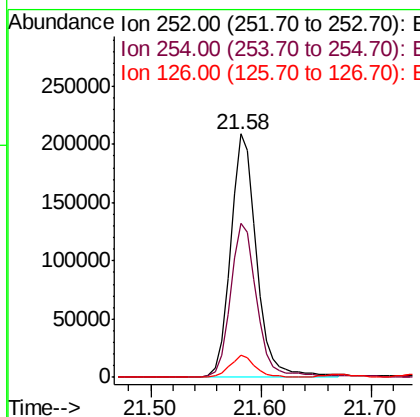
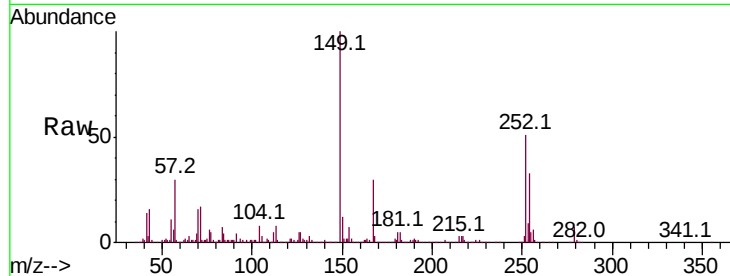




#81
 3,3'-Dichlorobenzidine
 Concen: 34.267 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

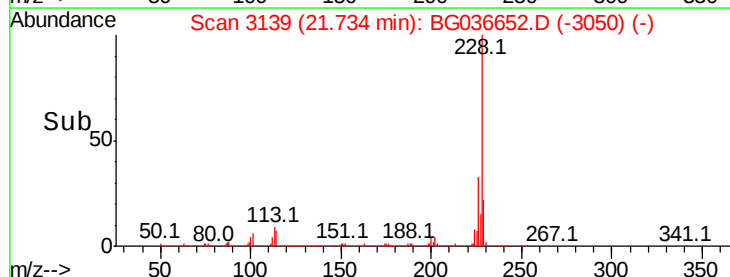
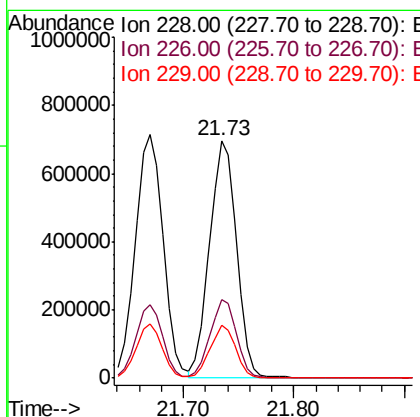
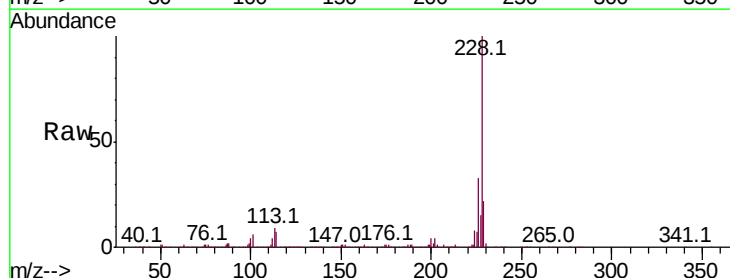
Instrument :
 BNA_G
 ClientSampleId :
 PB112716BSD

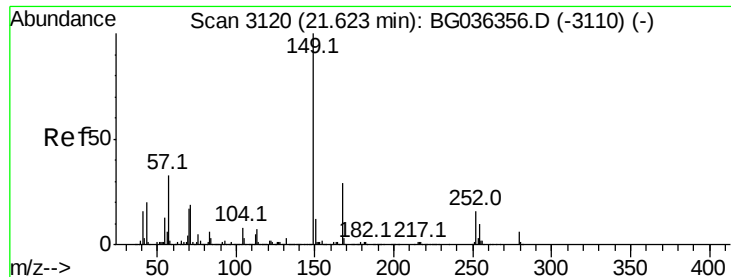
Tot Ion:252 Resp: 344323
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.0 76.4
 126 9.0 7.4 11.0



#82
 Chrysene
 Concen: 49.025 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Tgt Ion:228 Resp: 1171589
 Ion Ratio Lower Upper
 228 100
 226 33.0 25.5 38.3
 229 22.1 16.9 25.3

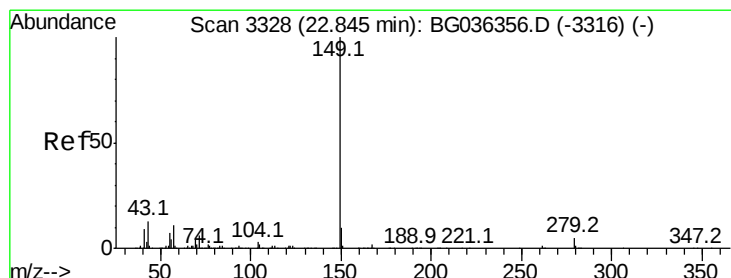
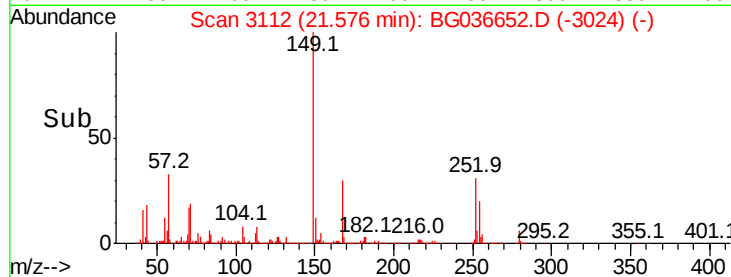
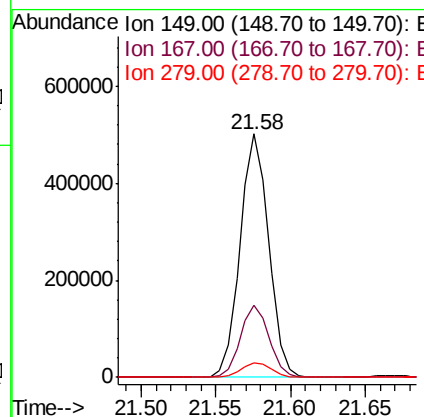
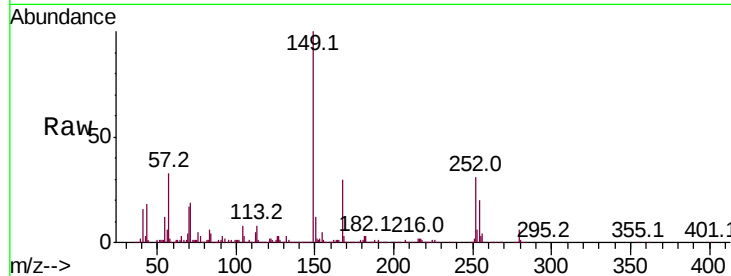




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.039 ng
 RT: 21.58 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

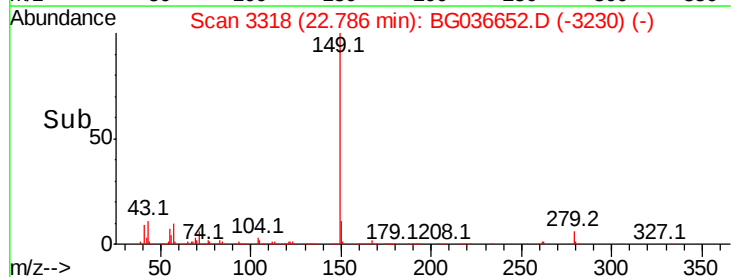
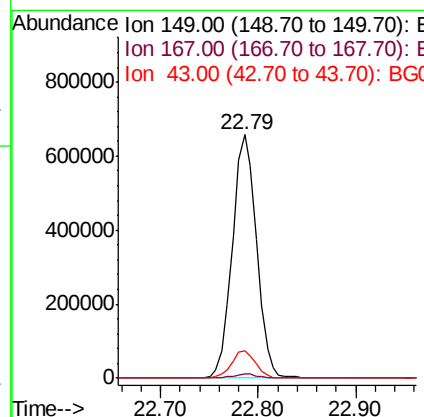
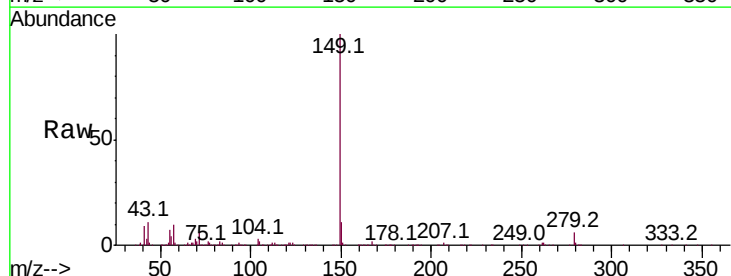
Instrument :
 BNA_G
 ClientSampleId :
 PB112716BSD

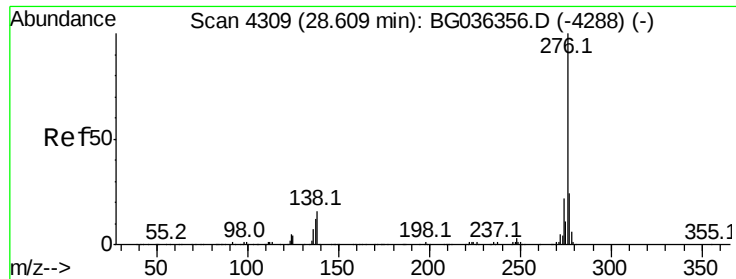
Tot Ion:149 Resp: 670416
 Ion Ratio Lower Upper
 149 100
 167 29.7 23.4 35.0
 279 6.1 4.6 7.0



#84
 Di-n-octyl phthalate
 Concen: 47.499 ng
 RT: 22.79 min Scan# 3318
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Tgt Ion:149 Resp: 1130749
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.3 10.0 15.0

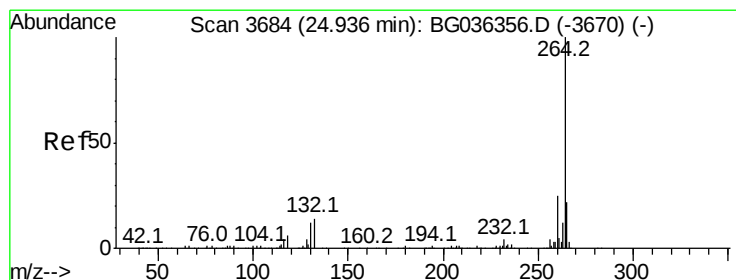
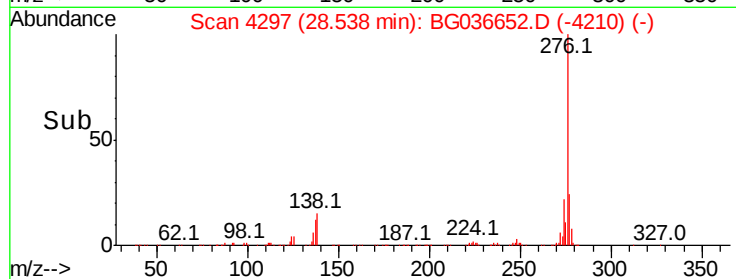
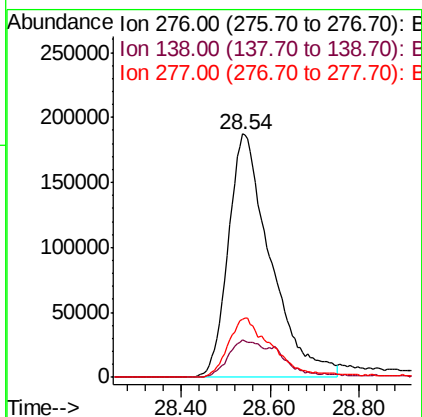
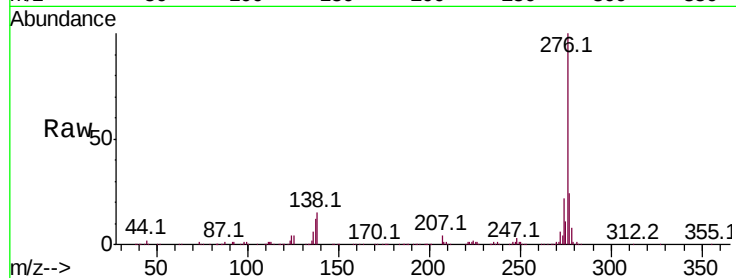




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.481 ng
 RT: 28.54 min Scan# 4297
 Delta R.T. -0.02 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

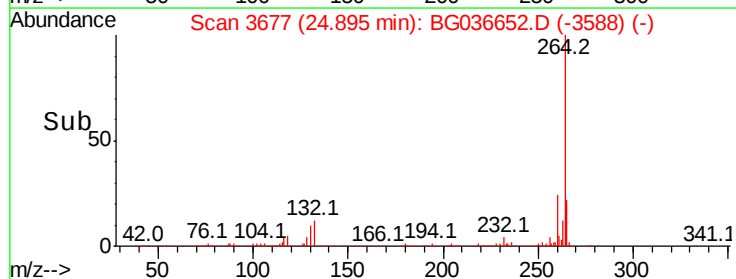
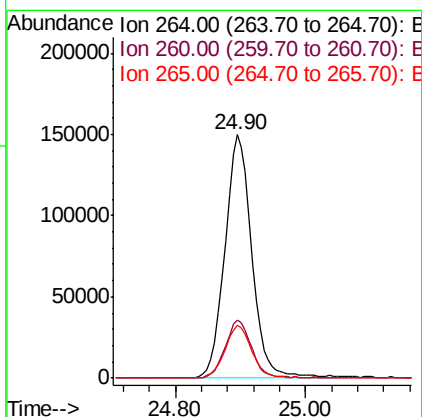
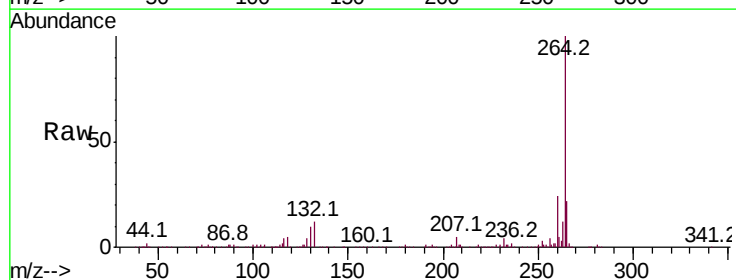
Instrument :
 BNA_G
 ClientSampleId :
 PB112716BSD

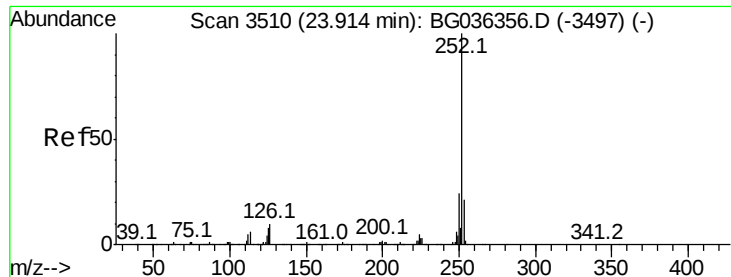
Tot Ion:276 Resp: 1234645
 Ion Ratio Lower Upper
 276 100
 138 12.3 10.6 15.8
 277 25.6 20.6 30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Tgt Ion:264 Resp: 428634
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.8 17.4 26.0

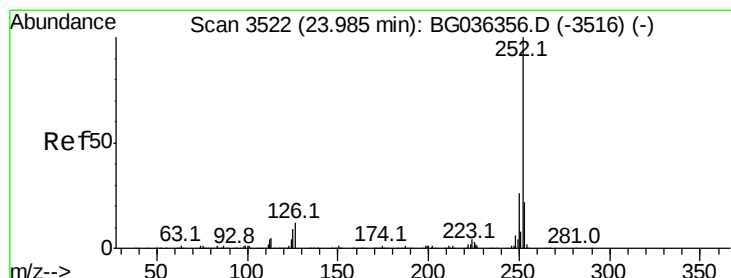
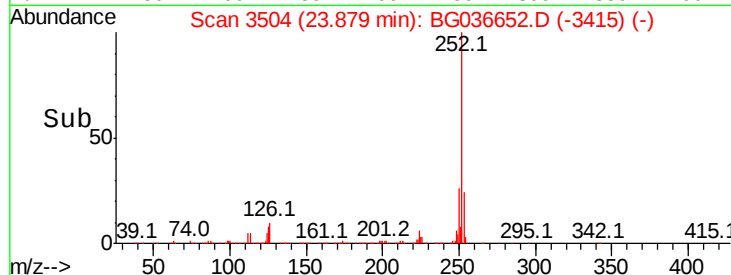
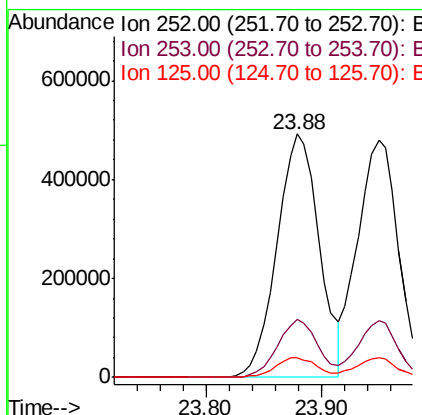
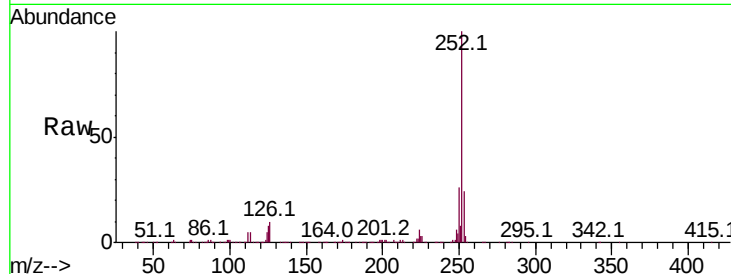




#87
Benzo(b)fluoranthene
Concen: 52.648 ng
RT: 23.88 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

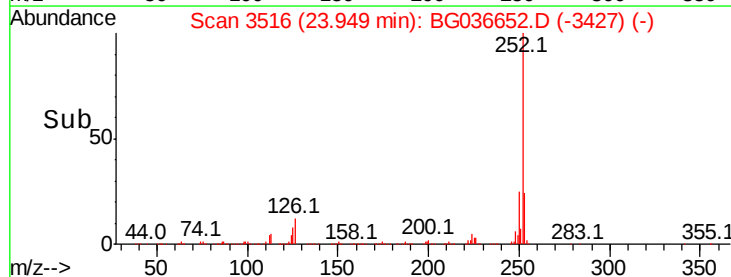
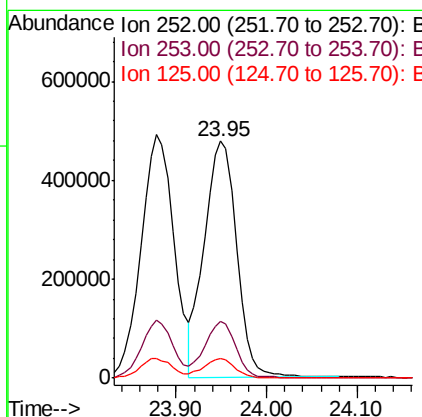
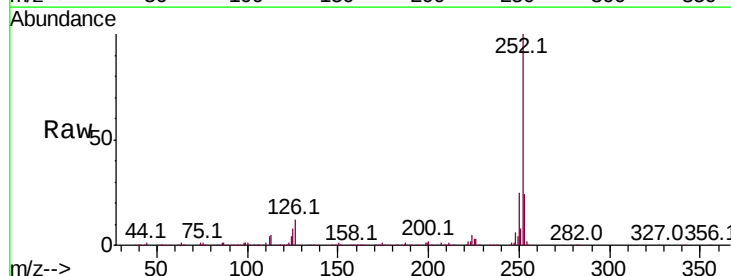
Instrument :
BNA_G
ClientSampleId :
PB112716BSD

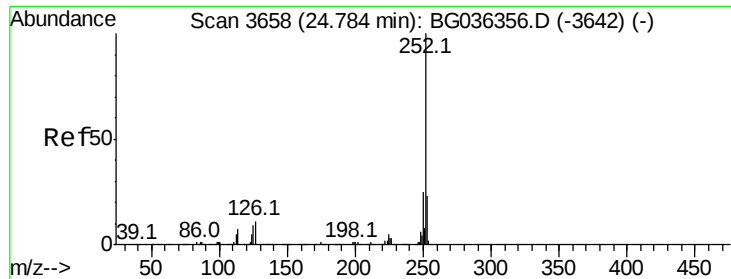
Tot Ion:252 Resp: 1253122
Ion Ratio Lower Upper
252 100
253 23.7 17.1 25.7
125 8.1 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 51.182 ng
RT: 23.95 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BG036652.D
Acq: 11 Sep 2018 8:38

Tgt Ion:252 Resp: 1190164
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 8.5 7.0 10.6





#89

Benzo(a)pyrene

Concen: 52.856 ng

RT: 24.75 min Scan# 3652

Delta R.T. -0.01 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

PB112716BSD

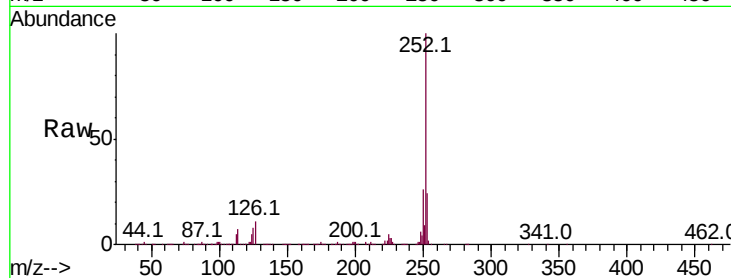
Tot Ion:252 Resp: 1208933

Ion Ratio Lower Upper

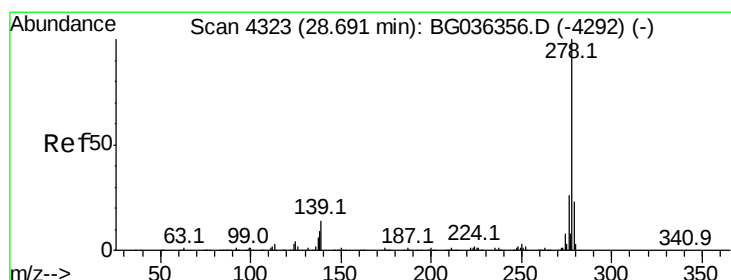
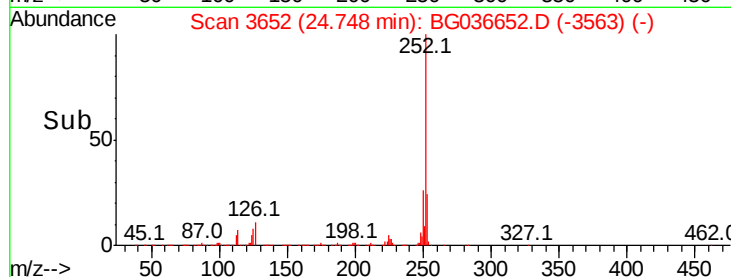
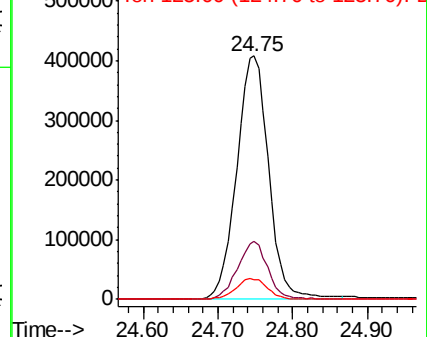
252 100

253 23.7 18.2 27.2

125 8.2 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: 43.345 ng

RT: 28.61 min Scan# 4309

Delta R.T. -0.02 min

Lab File: BG036652.D

Acq: 11 Sep 2018 8:38

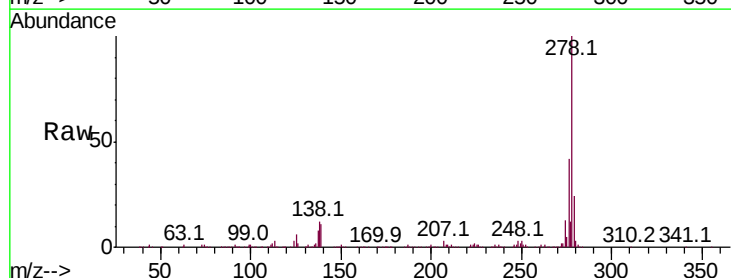
Tgt Ion:278 Resp: 957085

Ion Ratio Lower Upper

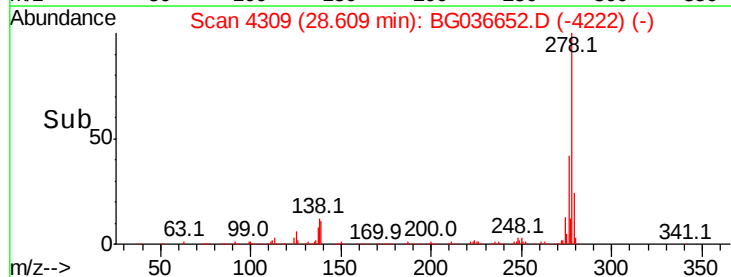
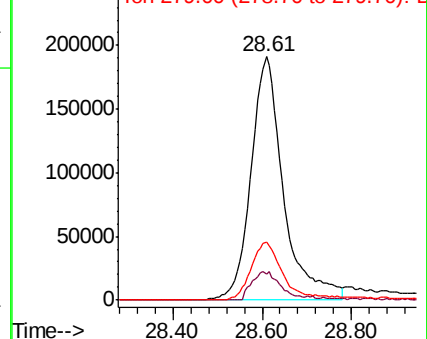
278 100

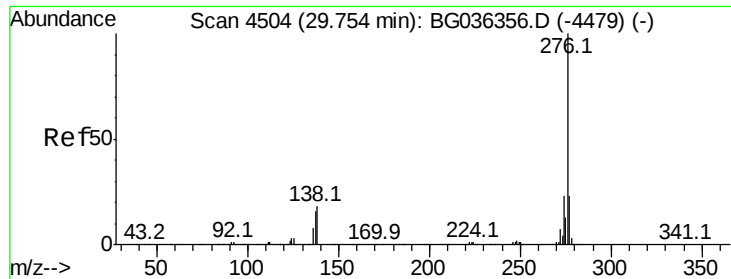
139 10.9 11.0 16.4#

279 24.0 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 44.977 ng
 RT: 29.69 min Scan# 4493
 Delta R.T. -0.01 min
 Lab File: BG036652.D
 Acq: 11 Sep 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :
 PB112716BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	15.5	14.6	22.0

