

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036707.D
 Acq On : 14 Sep 2018 14:33
 Operator : JU/SJ
 Sample : J4866-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 17:14:06 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	71072	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	302336	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	186039	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	412858	20.00	ng	0.00
75) Chrysene-d12	21.69	240	390545	20.00	ng	0.00
86) Perylene-d12	24.89	264	406908	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	420039	93.75	ng	0.00
7) Phenol-d6	7.21	99	595608	92.85	ng	0.00
23) Nitrobenzene-d5	9.21	82	372281	66.81	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	224163	100.98	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	797056	61.17	ng	0.00
78) Terphenyl-d14	20.02	244	1118958	66.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	45558	21.788	ng	98
3) Pyridine	3.92	79	140307	23.906	ng	97
4) n-Nitrosodimethylamine	3.84	42	79576	30.441	ng	99
6) Aniline	7.37	93	181695	22.315	ng	98
8) 2-Chlorophenol	7.61	128	169538	34.894	ng	97
9) Benzaldehyde	7.19	77	90062	20.388	ng	96
10) Phenol	7.24	94	235922	35.144	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	168519	31.665	ng	98
12) 1,3-Dichlorobenzene	7.94	146	176895	31.885	ng	99
13) 1,4-Dichlorobenzene	8.09	146	177581	31.703	ng	97
14) 1,2-Dichlorobenzene	8.41	146	172345	32.218	ng	97
15) Benzyl Alcohol	8.28	79	168069	32.501	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	324627	30.246	ng	98
17) 2-Methylphenol	8.49	107	158001	35.447	ng	99
18) Hexachloroethane	9.14	117	66101	32.914	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	147746	30.818	ng	93
20) 3+4-Methylphenols	8.81	107	215569	34.640	ng	99
22) Acetophenone	8.87	105	268017	33.759	ng	98
24) Nitrobenzene	9.25	77	216036	35.953	ng	97
25) Isophorone	9.78	82	402558	36.366	ng	98
26) 2-Nitrophenol	9.97	139	100300	42.124	ng	93
27) 2,4-Dimethylphenol	10.02	122	172265	39.077	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	238038	35.038	ng	99
29) 2,4-Dichlorophenol	10.50	162	186508	38.604	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	196526	34.772	ng	99
31) Naphthalene	10.91	128	554581	36.694	ng	98
32) Benzoic acid	10.10	122	27373	12.073	ng	# 81
33) 4-Chloroaniline	11.01	127	136512	19.711	ng	97
34) Hexachlorobutadiene	11.19	225	132504	34.894	ng	98
35) Caprolactam	11.78	113	61657	32.036	ng	97
36) 4-Chloro-3-methylphenol	12.13	107	198607	35.379	ng	97
37) 2-Methylnaphthalene	12.51	142	426568	38.574	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	245664	37.314	ng	99
40) Hexachlorocyclopentadiene	12.86	237	227247	66.340	ng	100

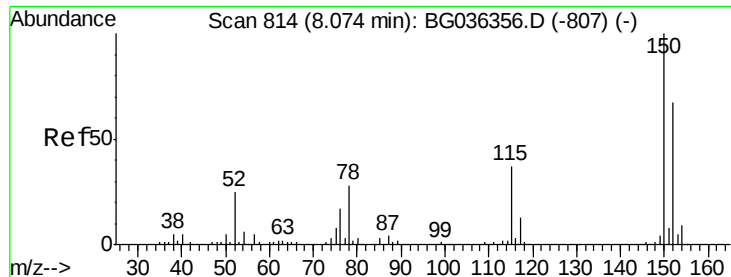
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
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 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	156067	38.915	nq	98
43) 2,4,5-Trichlorophenol	13.18	196	161247	37.696	nq	99
45) 1,1'-Biphenyl	13.51	154	527805	34.178	nq	98
46) 2-Chloronaphthalene	13.55	162	411750	34.926	nq	99
47) 2-Nitroaniline	13.75	65	140644	37.991	nq	98
48) Acenaphthylene	14.40	152	672221	36.485	nq	99
49) Dimethylphthalate	14.13	163	733532	48.287	nq	99
50) 2,6-Dinitrotoluene	14.25	165	115855	37.063	nq	95
51) Acenaphthene	14.74	154	396838	33.631	nq	97
52) 3-Nitroaniline	14.58	138	97278	28.878	nq	# 99
53) 2,4-Dinitrophenol	14.78	184	73788	62.320	nq	96
54) Dibenzofuran	15.08	168	628740	34.011	nq	99
55) 4-Nitrophenol	14.88	139	171665	62.327	nq	97
56) 2,4-Dinitrotoluene	15.04	165	158338	38.865	nq	90
57) Fluorene	15.72	166	496923	35.957	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	155506	38.693	nq	# 95
59) Diethylphthalate	15.49	149	503739	32.904	nq	99
60) 4-Chlorophenyl-phenylether	15.72	204	281621	33.001	nq	98
61) 4-Nitroaniline	15.74	138	118539	33.628	nq	97
62) Azobenzene	16.00	77	499682	32.078	nq	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	77014	42.465	nq	95
65) n-Nitrosodiphenylamine	15.93	169	444655	36.247	nq	98
66) 4-Bromophenyl-phenylether	16.61	248	178674	36.964	nq	96
67) Hexachlorobenzene	16.73	284	178864	36.188	nq	96
68) Atrazine	16.87	200	183551	39.863	nq	98
69) Pentachlorophenol	17.07	266	208061	61.937	nq	100
70) Phenanthrene	17.46	178	760505	36.252	nq	99
71) Anthracene	17.56	178	783398	37.462	nq	99
72) Carbazole	17.82	167	683981	32.751	nq	98
73) Di-n-butylphthalate	18.38	149	755403	32.482	nq	99
74) Fluoranthene	19.47	202	871455	34.072	nq	99
76) Benzidine	19.65	184	365702	29.350	nq	100
77) Pyrene	19.83	202	858585	35.750	nq	100
79) Butylbenzylphthalate	20.71	149	340988	35.677	nq	98
80) Benzo(a)anthracene	21.67	228	864323	36.531	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	201958	21.418	nq	98
82) Chrysene	21.73	228	814144	36.303	nq	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	555187	41.510	nq	99
84) Di-n-octyl phthalate	22.78	149	804064	35.992	nq	98
85) Indeno(1,2,3-cd)pyrene	28.54	276	921057	35.360	nq	98
87) Benzo(b)fluoranthene	23.88	252	823912	36.463	nq	97
88) Benzo(k)fluoranthene	23.94	252	818411	37.074	nq	98
89) Benzo(a)pyrene	24.75	252	808854	37.252	nq	99
90) Dibenzo(a,h)anthracene	28.60	278	731965	34.920	nq	98
91) Benzo(g,h,i)perylene	29.68	276	739033	35.084	nq	97

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

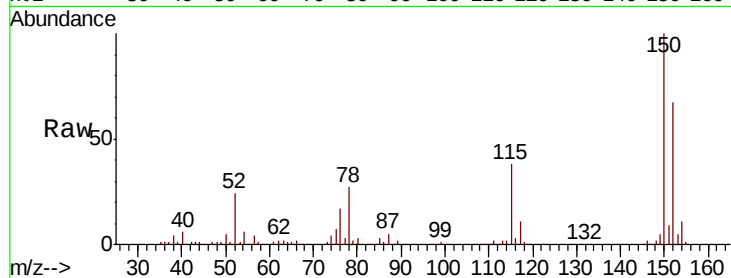


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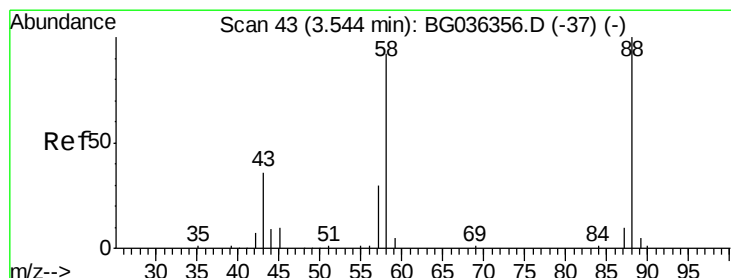
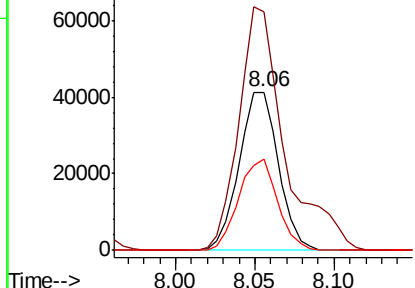
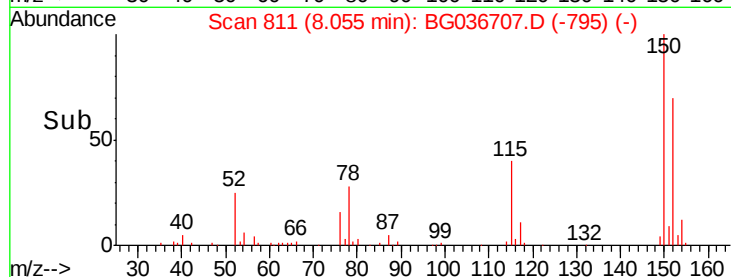
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 71072
Ion Ratio Lower Upper
152 100
150 150.2 119.5 179.3
115 57.6 44.5 66.7



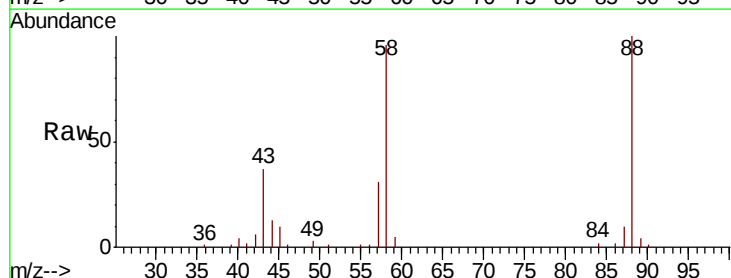
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



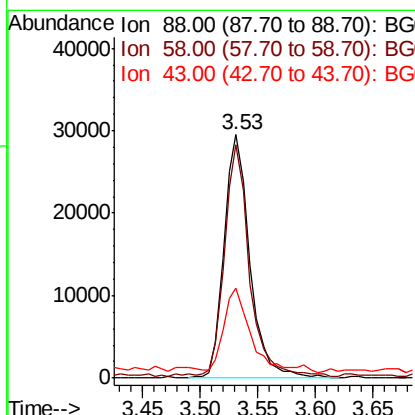
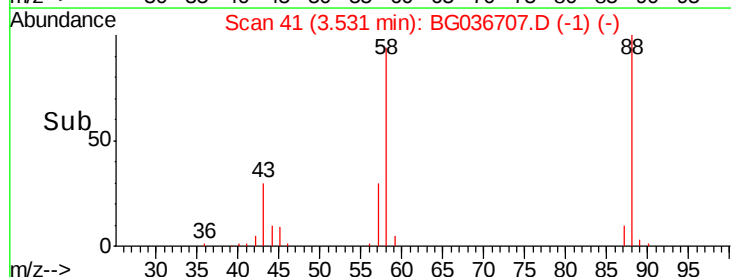
#2

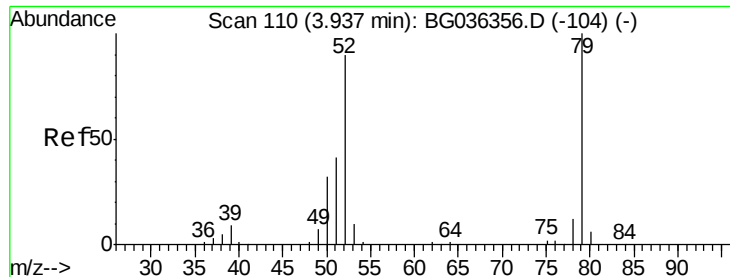
1,4-Dioxane
Concen: 21.788 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Tgt Ion: 88 Resp: 45558
Ion Ratio Lower Upper
88 100
58 93.2 72.6 109.0
43 37.3 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: 23.906 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

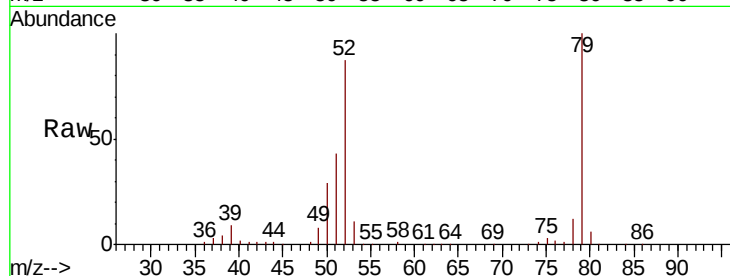
Tot Ion: 79 Resp: 140307

Ion Ratio Lower Upper

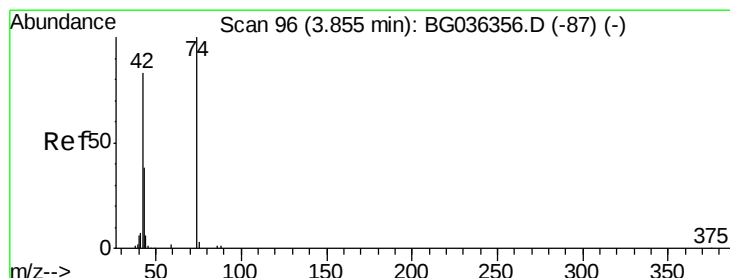
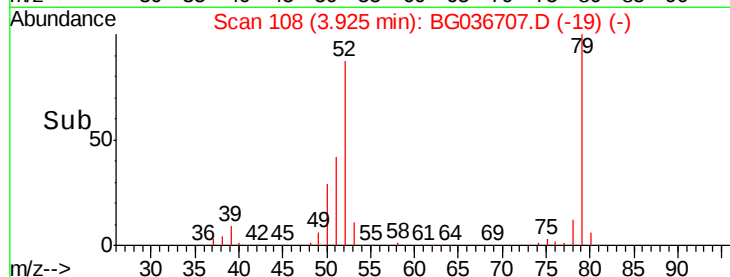
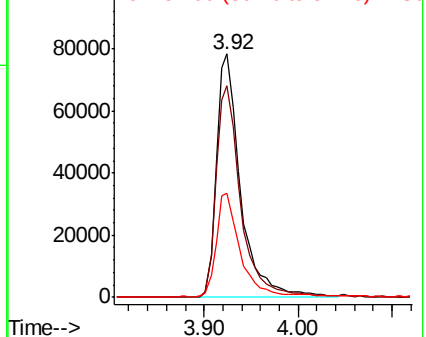
79 100

52 86.9 72.3 108.5

51 42.6 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: 30.441 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

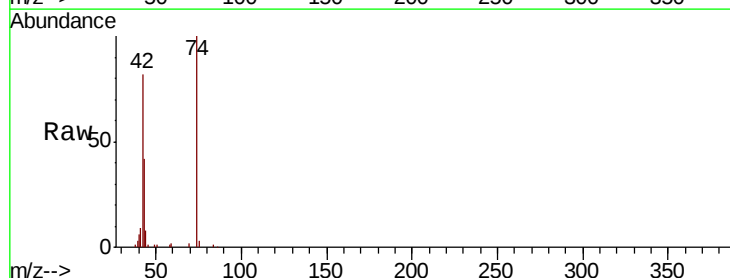
Tgt Ion: 42 Resp: 79576

Ion Ratio Lower Upper

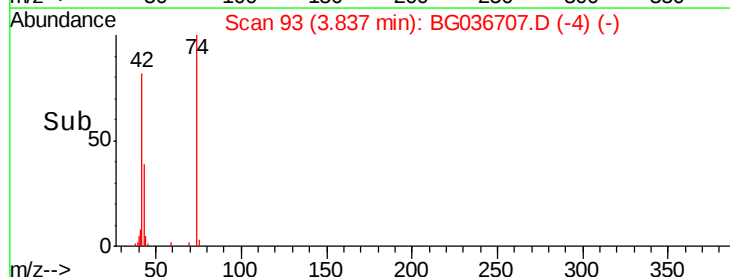
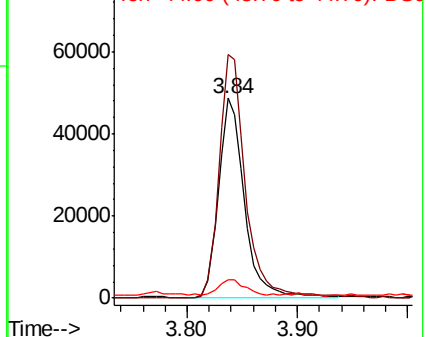
42 100

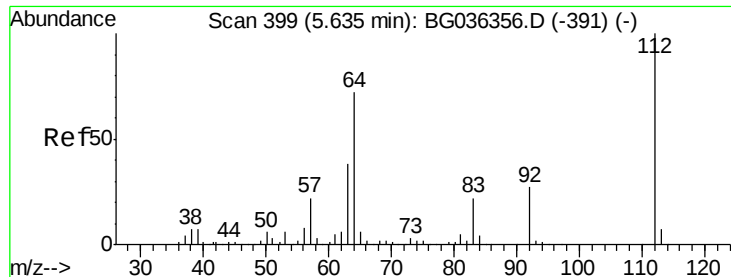
74 121.9 96.6 145.0

44 9.3 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: 93.751 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

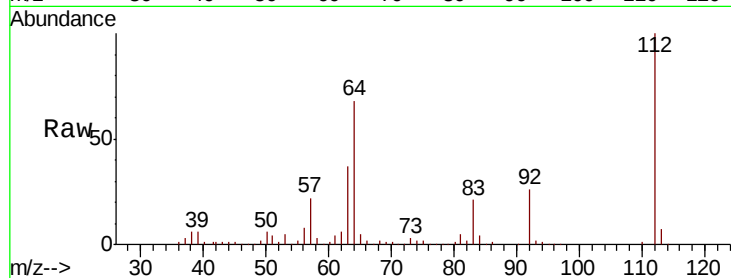
Tot Ion:112 Resp: 420039

Ion Ratio Lower Upper

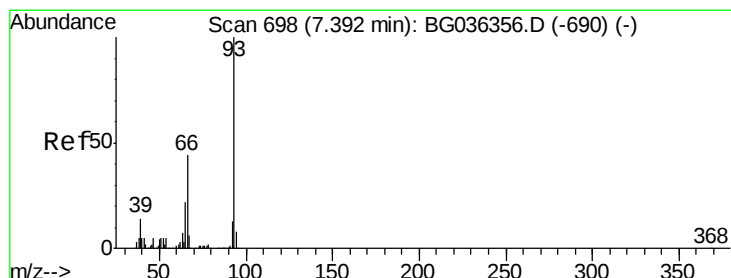
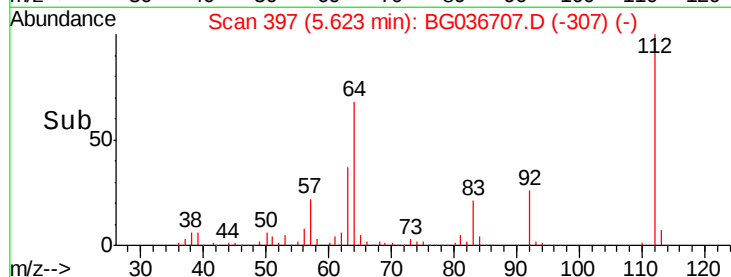
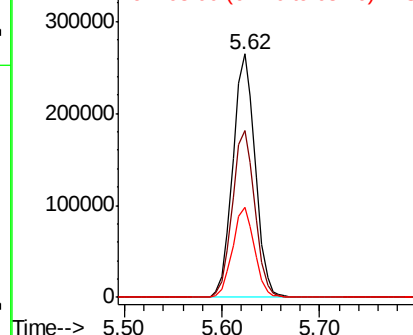
112 100

64 68.5 57.2 85.8

63 36.9 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: 22.315 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

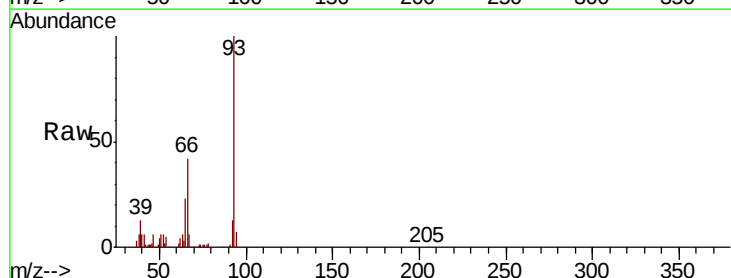
Tgt Ion: 93 Resp: 181695

Ion Ratio Lower Upper

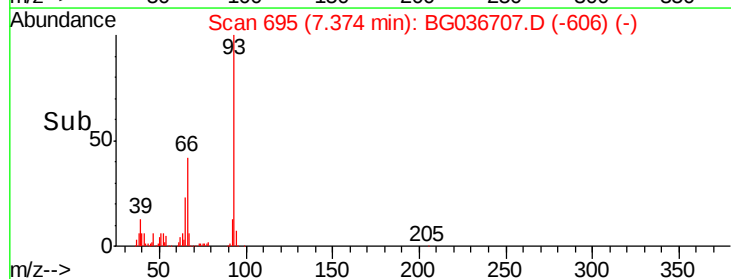
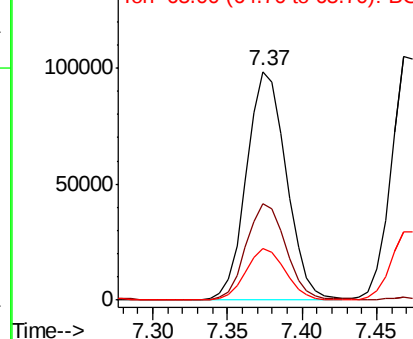
93 100

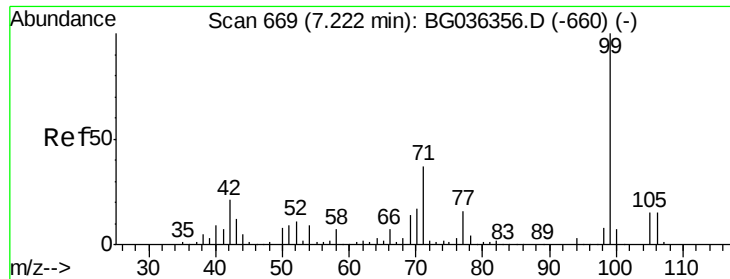
66 42.4 35.0 52.4

65 22.8 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: 92.849 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampled :

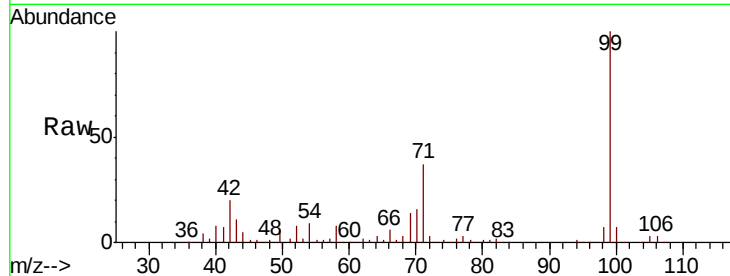
Tot Ion: 99 Resp: 595608

Ion Ratio Lower Upper

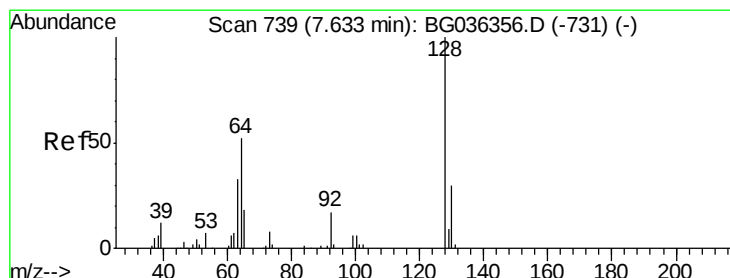
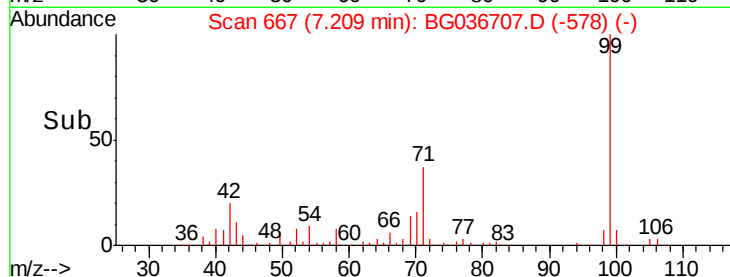
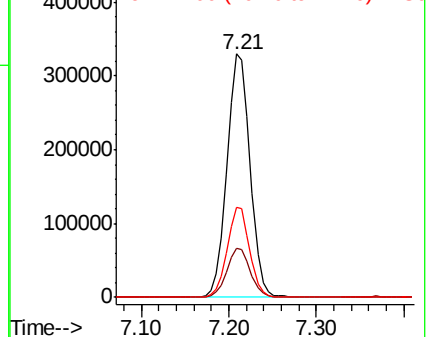
99 100

42 20.0 16.5 24.7

71 36.9 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: 34.894 ng

RT: 7.61 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

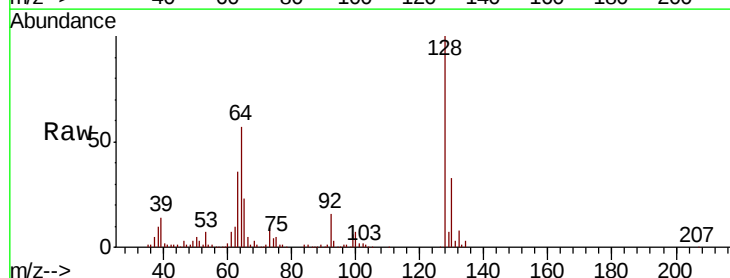
Tgt Ion: 128 Resp: 169538

Ion Ratio Lower Upper

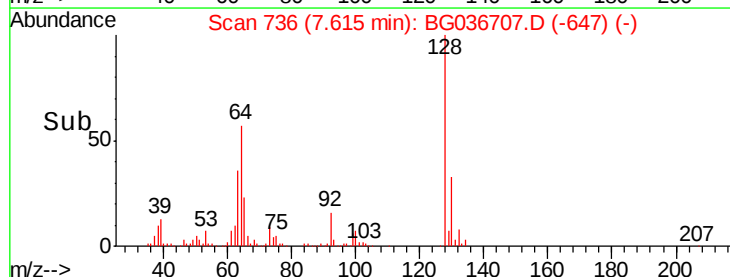
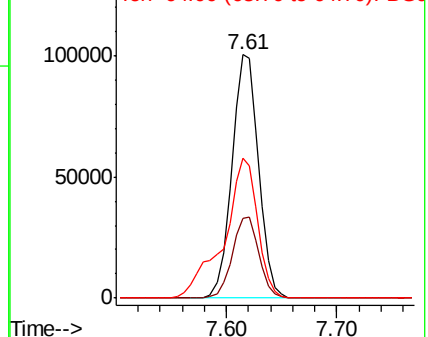
128 100

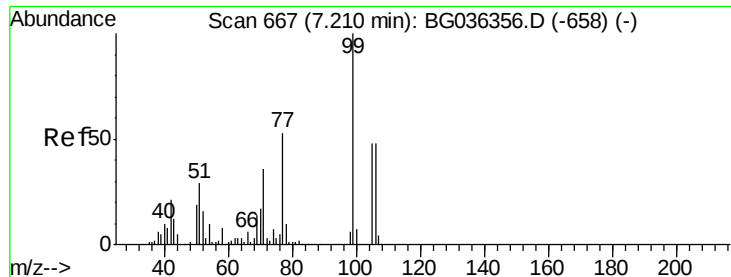
130 32.7 10.0 50.0

64 57.5 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: 20.388 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampled :

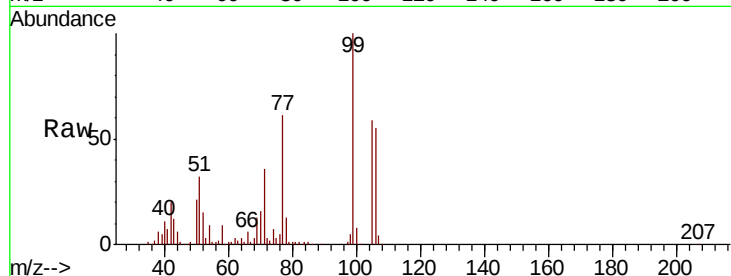
Tot Ion: 77 Resp: 90062

Ion Ratio Lower Upper

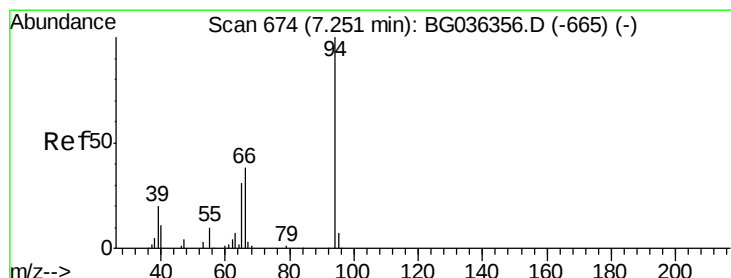
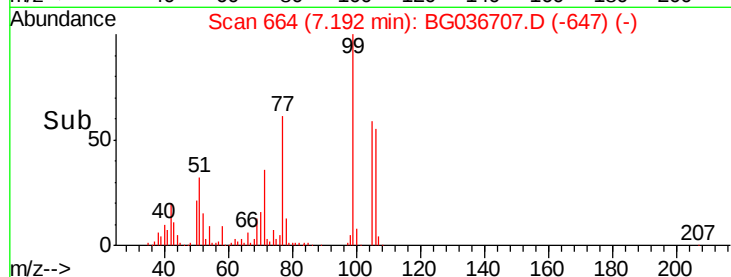
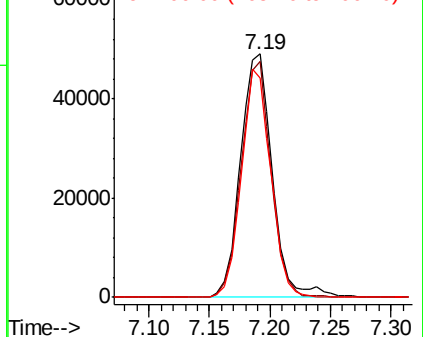
77 100

105 96.8 70.5 110.5

106 90.3 69.8 109.8



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



#10

Phenol

Concen: 35.144 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

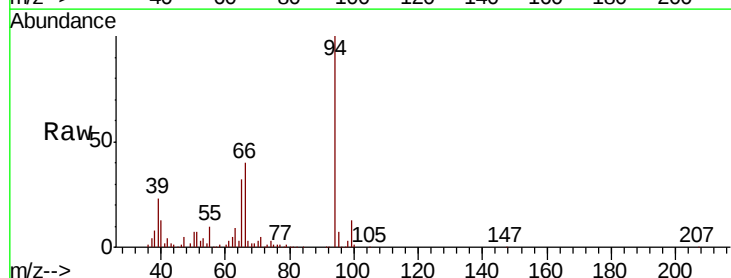
Tgt Ion: 94 Resp: 235922

Ion Ratio Lower Upper

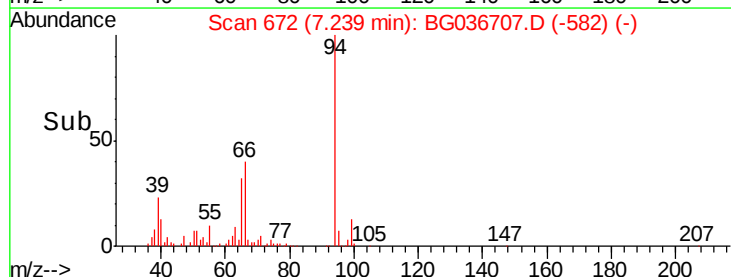
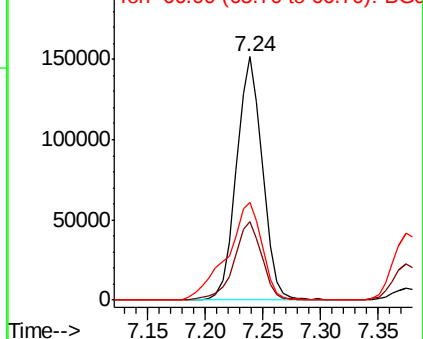
94 100

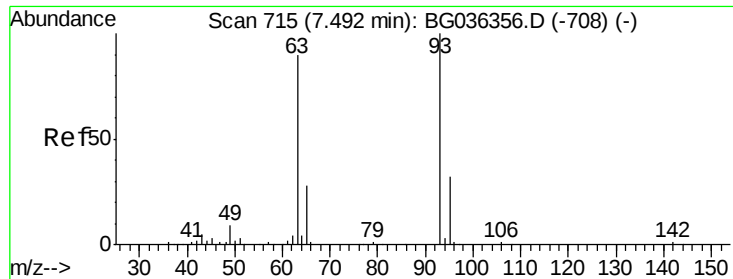
65 32.0 11.5 51.5

66 40.4 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



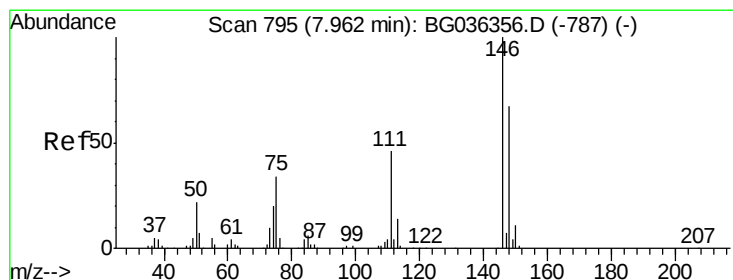
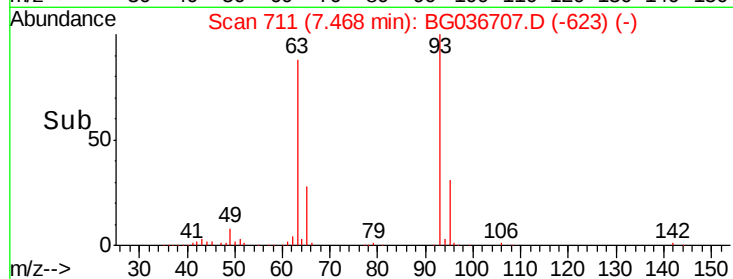
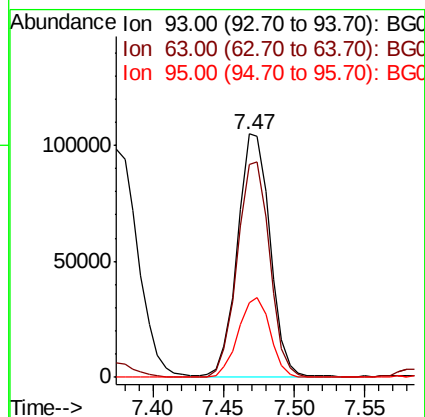
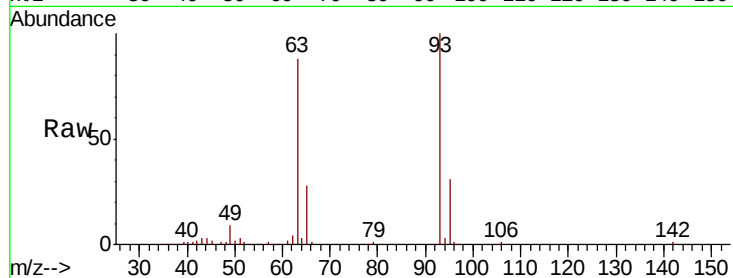


#11
bis(2-Chloroethyl)ether
Concen: 31.665 ng
RT: 7.47 min Scan# 711
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 168519

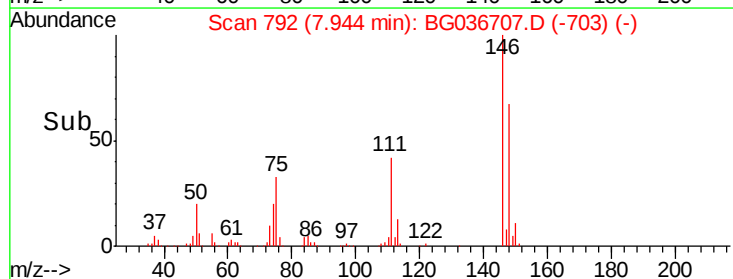
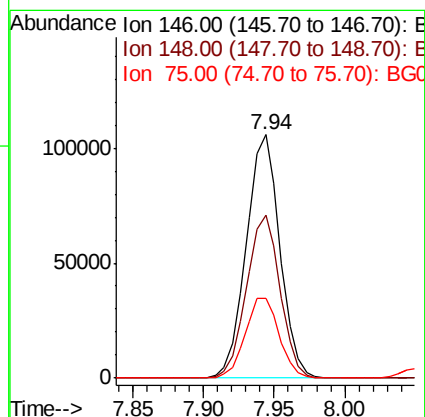
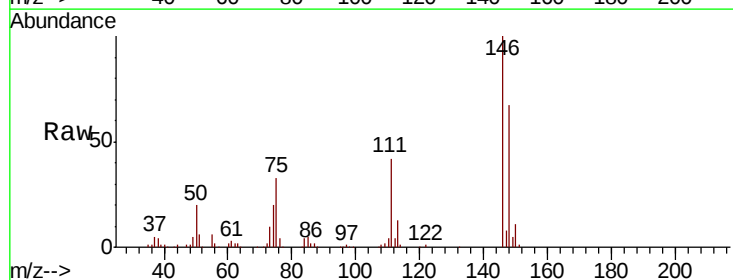
Ion	Ratio	Lower	Upper
93	100		
63	87.7	69.9	109.9
95	30.6	11.7	51.7

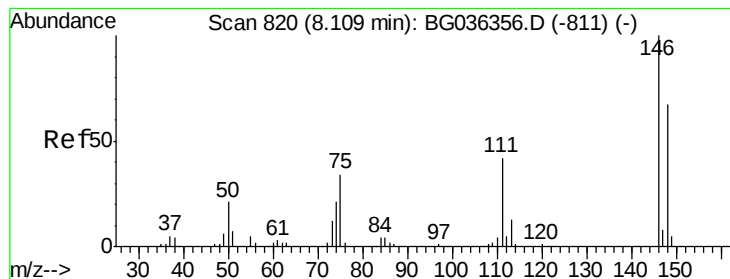


#12
1,3-Dichlorobenzene
Concen: 31.885 ng
RT: 7.94 min Scan# 792
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Tgt Ion: 146 Resp: 176895

Ion	Ratio	Lower	Upper
146	100		
148	67.1	53.8	80.6
75	32.6	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 31.703 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampled :

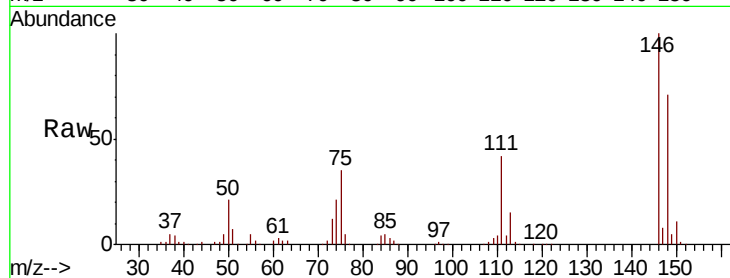
Tot Ion:146 Resp: 177581

Ion Ratio Lower Upper

146 100

148 71.5 53.9 80.9

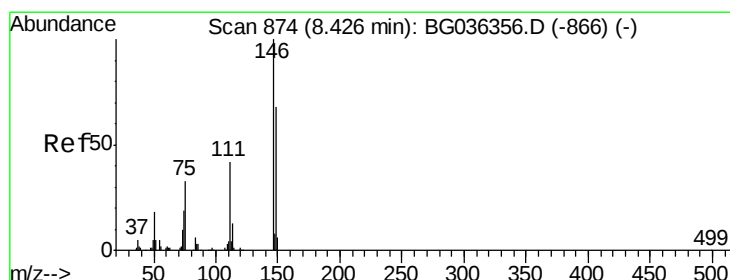
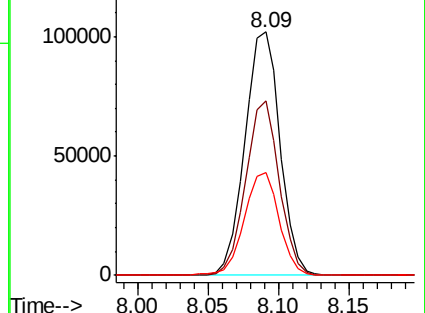
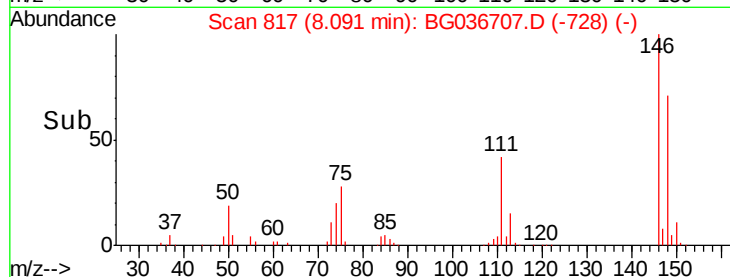
111 42.2 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.218 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

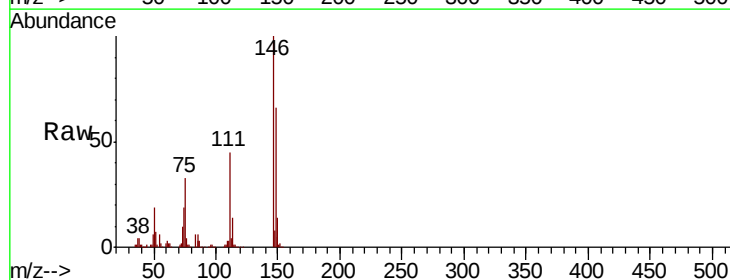
Tgt Ion:146 Resp: 172345

Ion Ratio Lower Upper

146 100

148 66.2 55.0 82.6

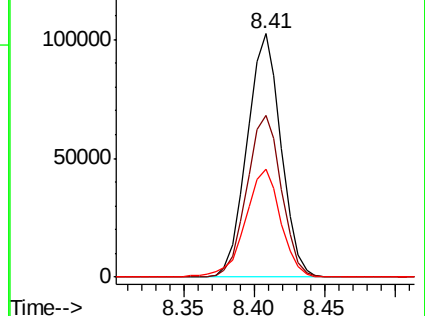
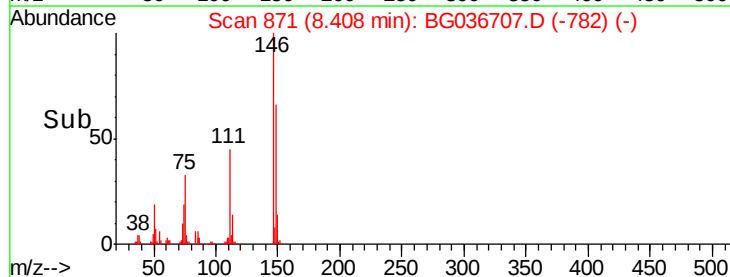
111 44.6 34.6 51.8

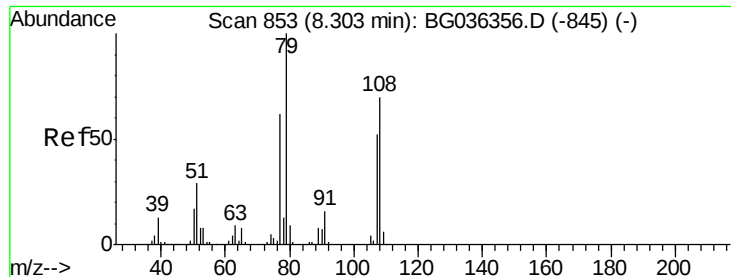


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.501 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

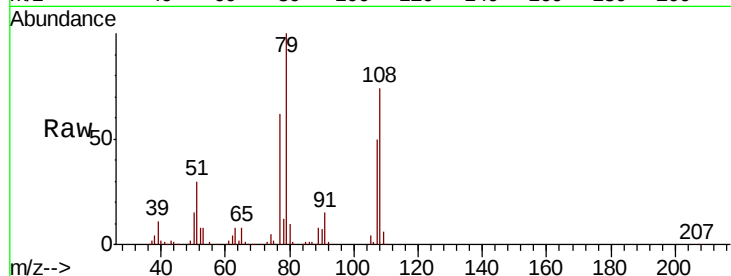
Tot Ion: 79 Resp: 168069

Ion Ratio Lower Upper

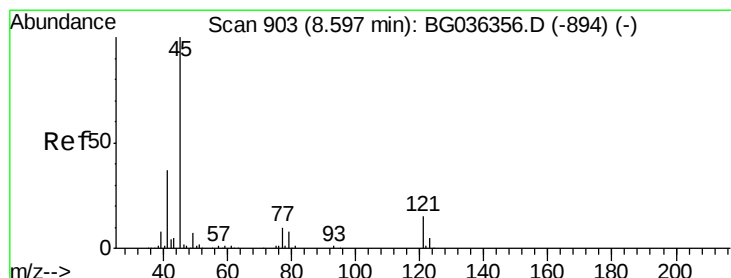
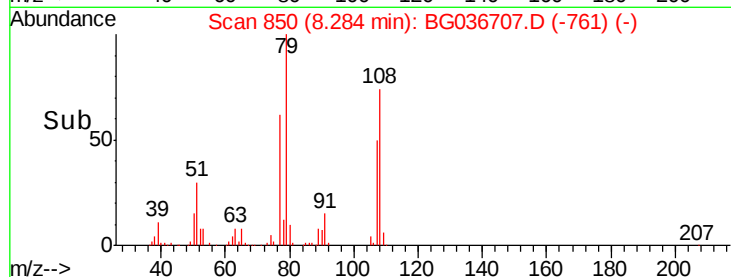
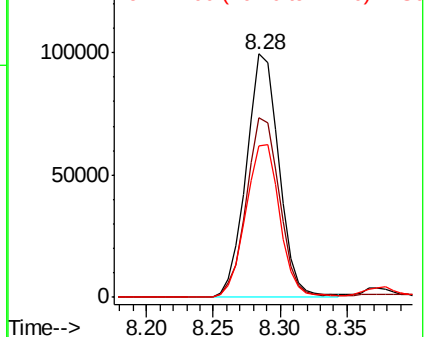
79 100

108 74.0 55.9 83.9

77 62.2 50.0 75.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.246 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

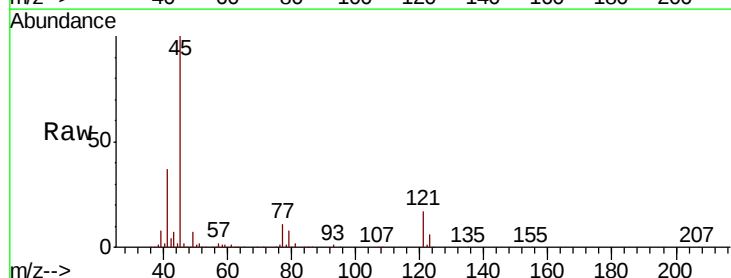
Tgt Ion: 45 Resp: 324627

Ion Ratio Lower Upper

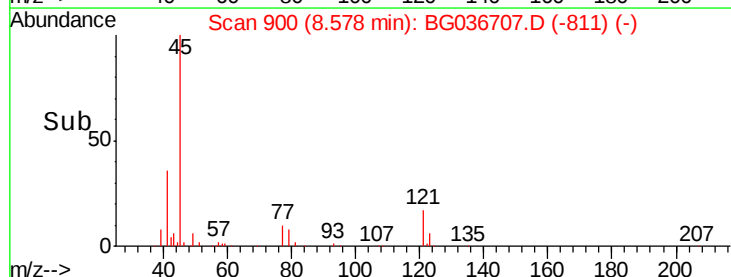
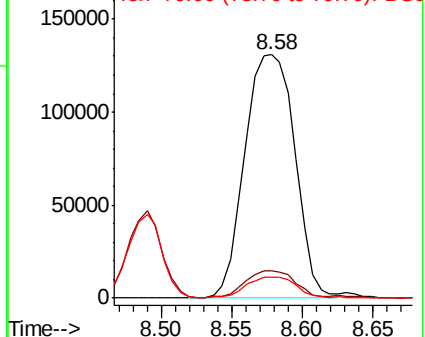
45 100

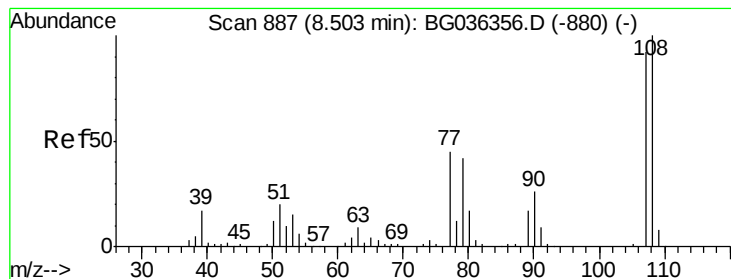
77 11.1 0.0 30.5

79 8.5 0.0 27.9



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

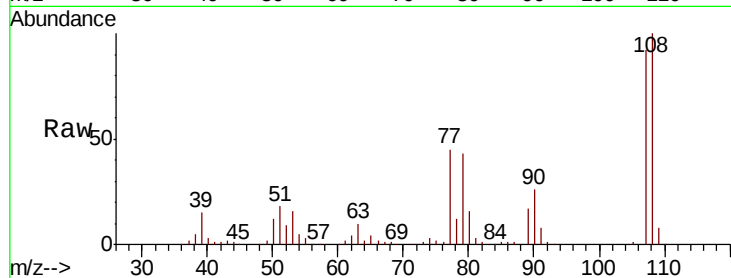




#17
2-Methylphenol
Concen: 35.447 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	158001
Ion	Ratio	Lower	Upper
107	100		
108	109.3	86.7	130.1
77	49.4	39.0	58.4
79	47.4	36.6	54.8



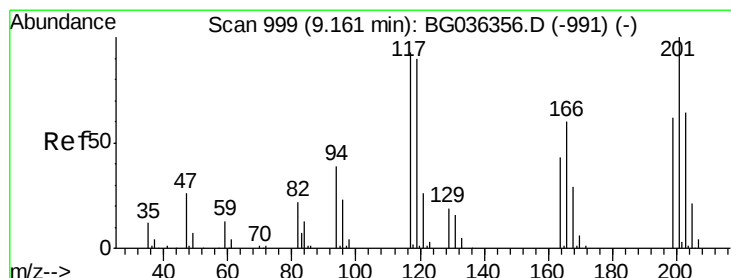
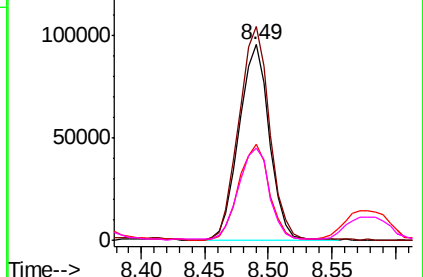
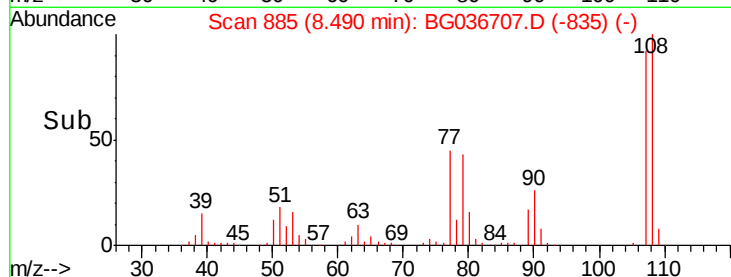
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

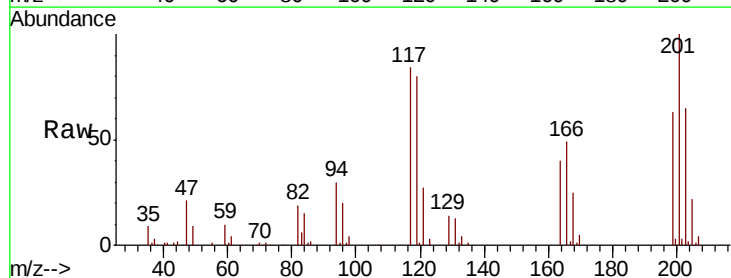
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 32.914 ng
RT: 9.14 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Tgt Ion:	117	Resp:	66101
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.8	115.2
201	119.5	85.7	128.5

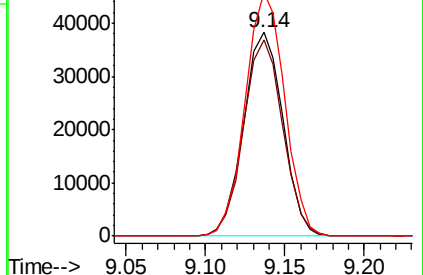
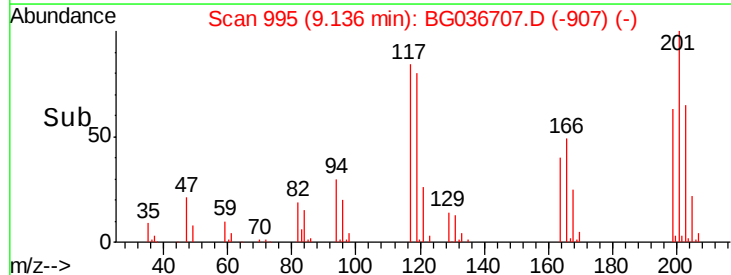


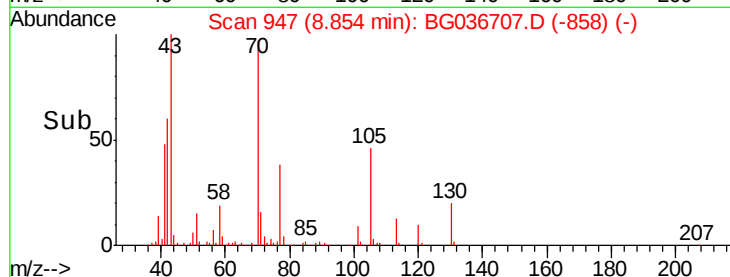
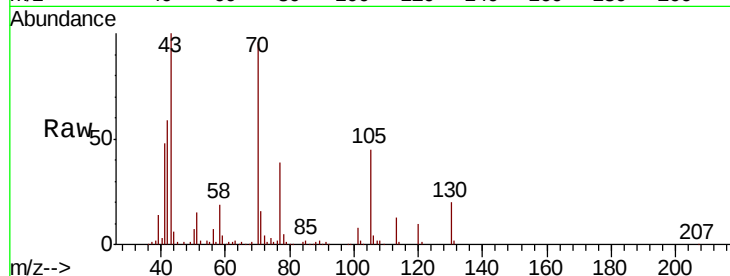
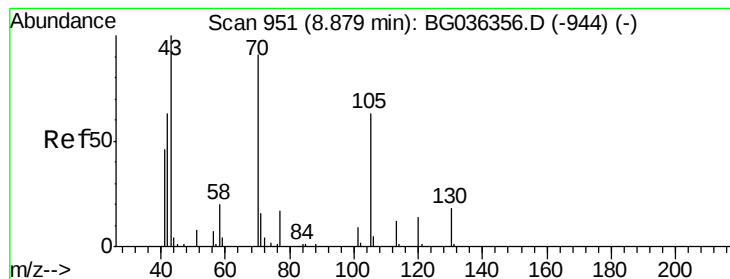
Abundance

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: 30.818 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 147746

Ion Ratio Lower Upper

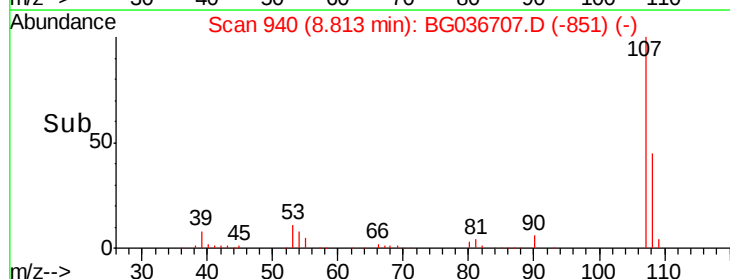
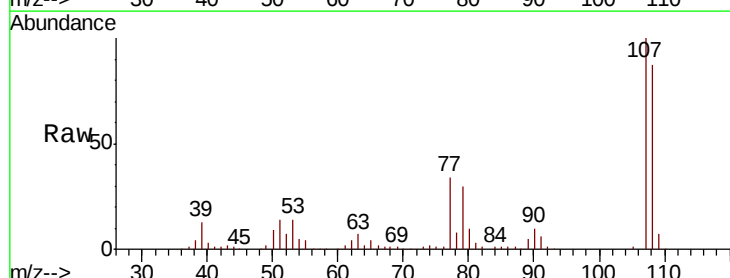
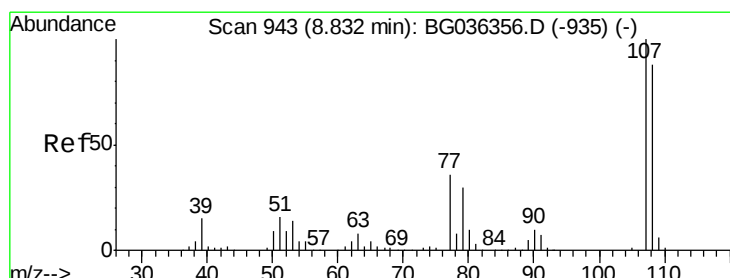
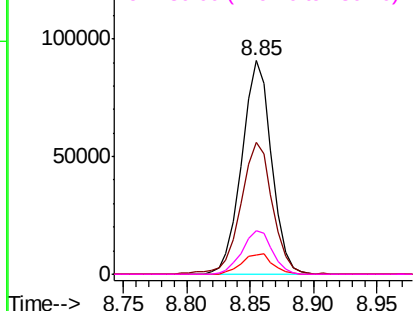
70 100

42 61.9 56.2 84.4

101 8.9 7.8 11.6

130 20.3 16.2 24.2

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



#20

3+4-Methylphenols

Concen: 34.640 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Tgt Ion:107 Resp: 215569

Ion Ratio Lower Upper

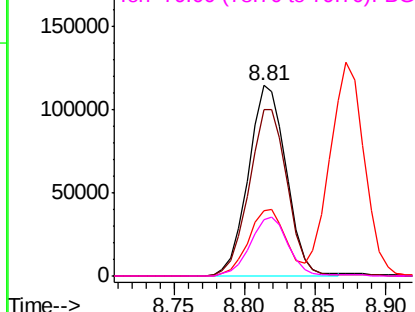
107 100

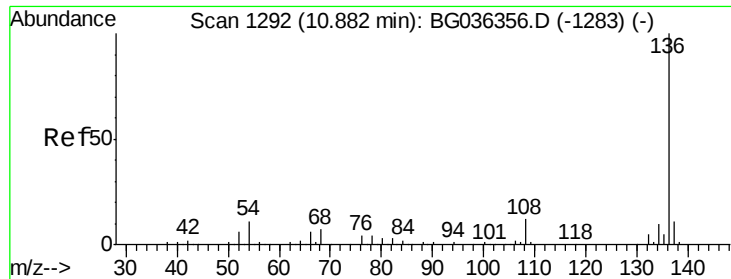
108 87.3 68.0 108.0

77 34.0 15.6 55.6

79 29.7 9.9 49.9

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

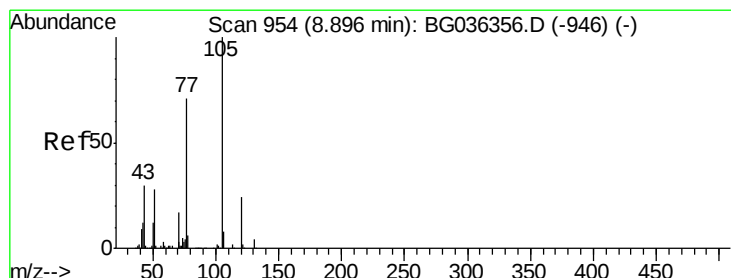
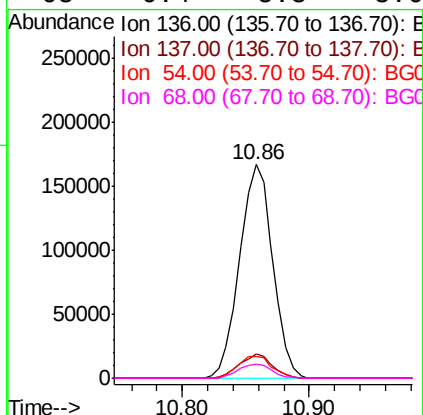
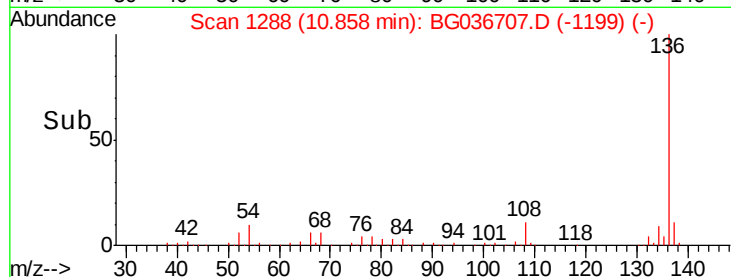
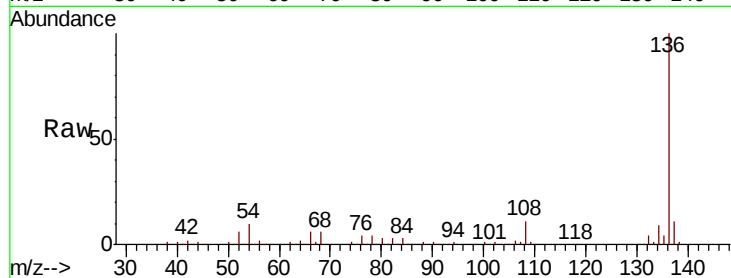




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

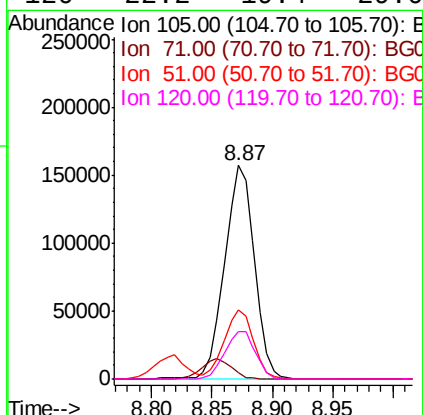
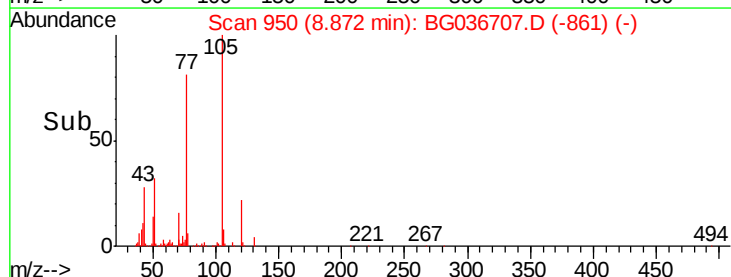
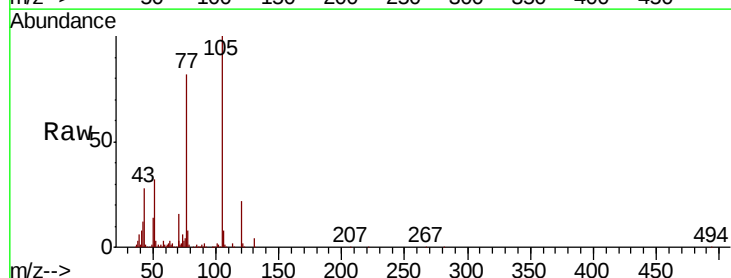
Instrument :
BNA_G
ClientSampleId :

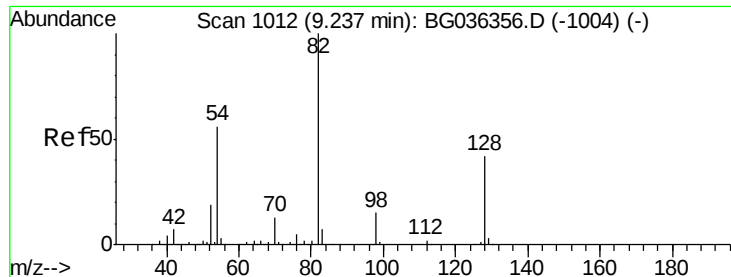
Tot Ion:136	Resp:	302336
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.8 13.2
54	10.1	9.2 13.8
68	6.4	5.8 8.6



#22
Acetophenone
Concen: 33.759 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Tgt Ion:105	Resp:	268017
Ion	Ratio	Lower Upper
105	100	
71	3.3	2.4 3.6
51	32.1	25.9 38.9
120	22.2	19.4 29.0

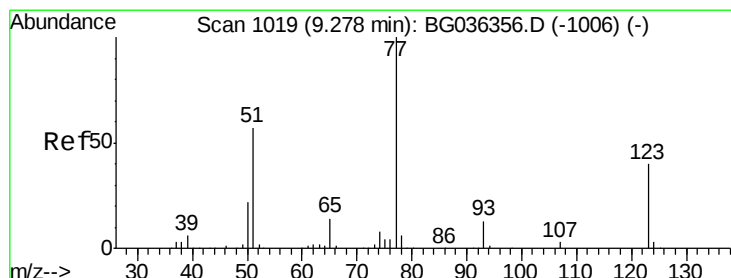
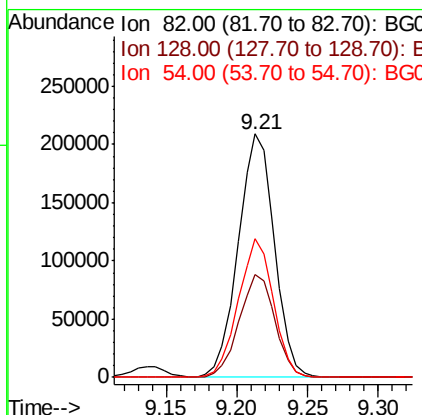
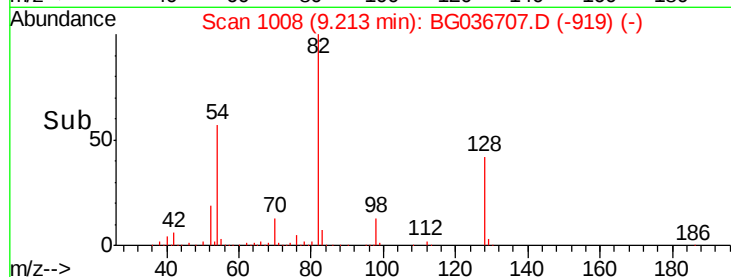
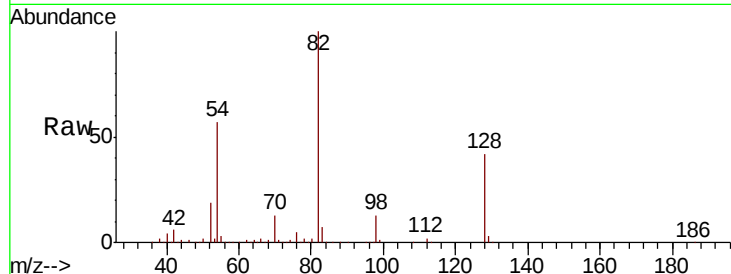




#23
 Nitrobenzene-d5
 Concen: 66.809 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

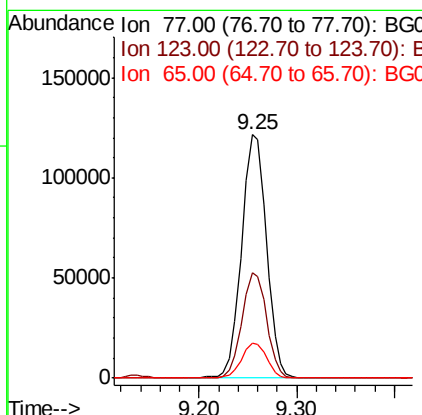
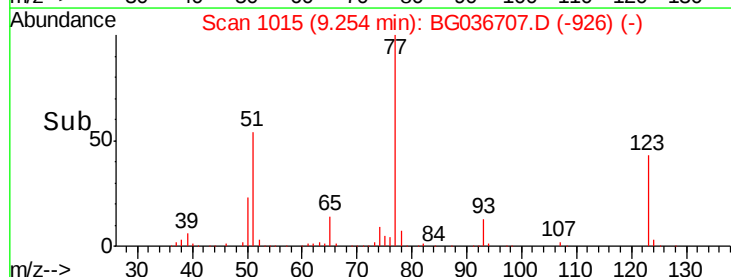
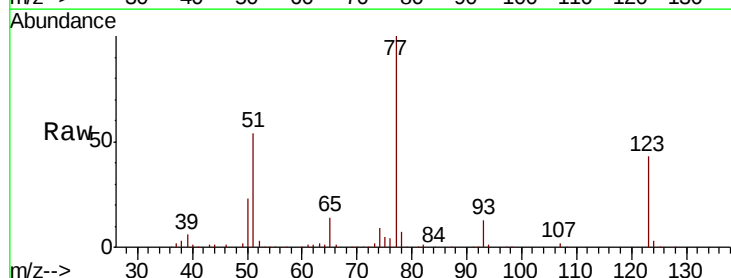
Instrument :
 BNA_G
 ClientSampleId :

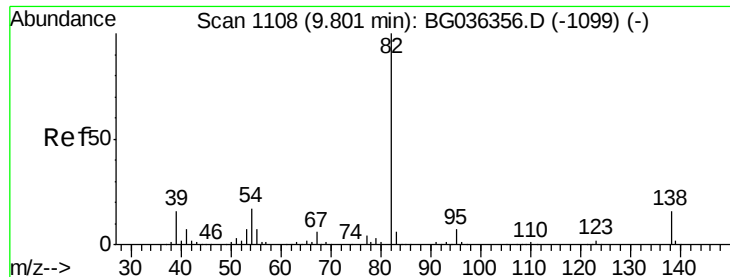
Tot Ion: 82 Resp: 372281
 Ion Ratio Lower Upper
 82 100
 128 42.2 33.3 49.9
 54 56.9 45.1 67.7



#24
 Nitrobenzene
 Concen: 35.953 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Tgt Ion: 77 Resp: 216036
 Ion Ratio Lower Upper
 77 100
 123 43.1 32.4 48.6
 65 14.5 11.5 17.3





#25

Isophorone

Concen: 36.366 ng

RT: 9.78 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

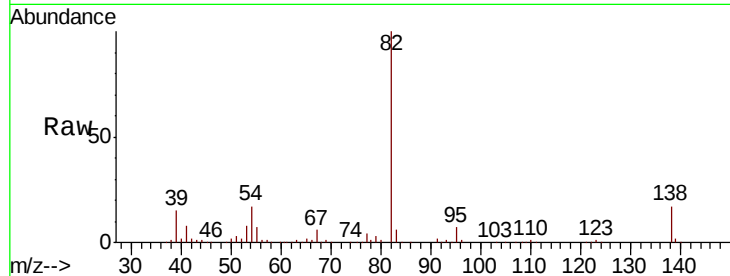
Tot Ion: 82 Resp: 402558

Ion Ratio Lower Upper

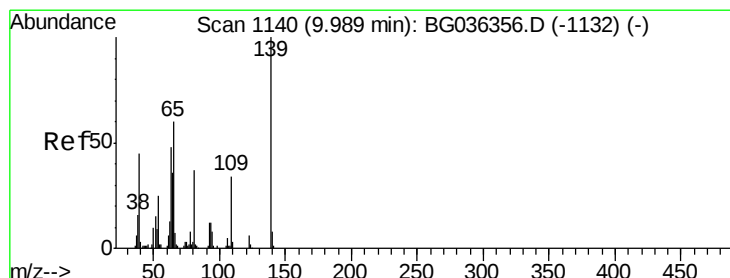
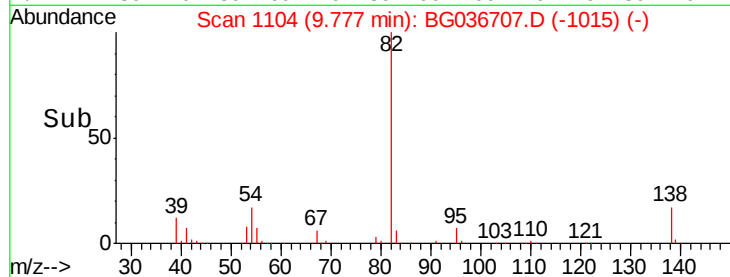
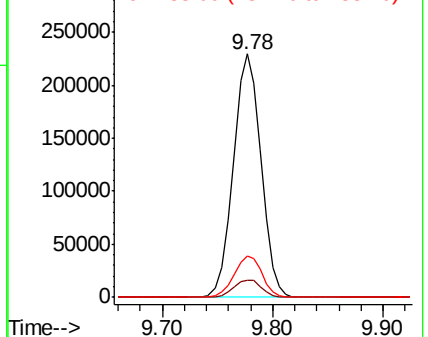
82 100

95 7.2 5.8 8.8

138 17.2 12.9 19.3



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



#26

2-Nitrophenol

Concen: 42.124 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

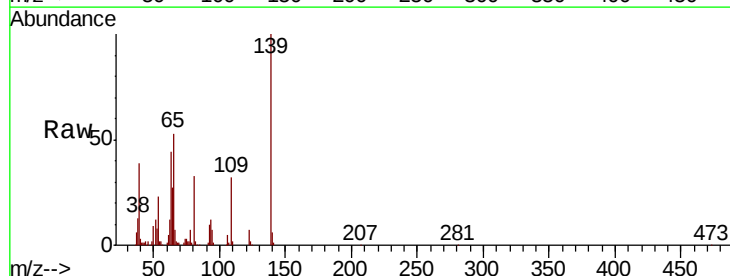
Tgt Ion: 139 Resp: 100300

Ion Ratio Lower Upper

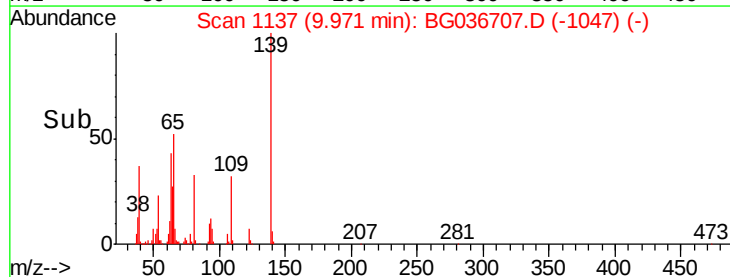
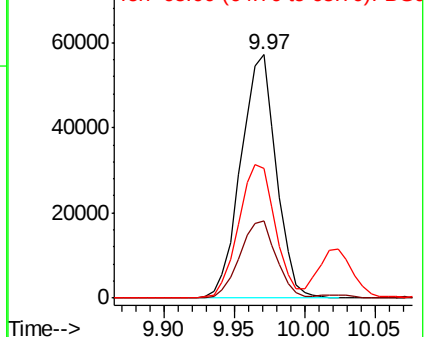
139 100

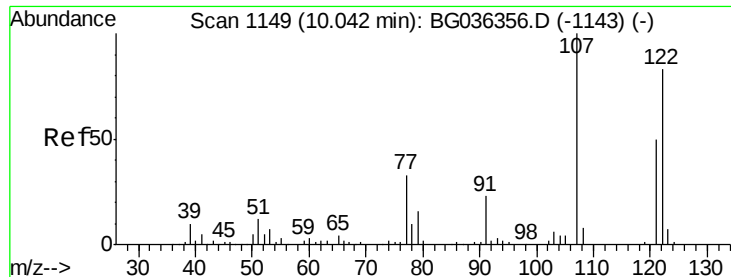
109 31.9 27.4 41.0

65 53.3 47.8 71.6



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

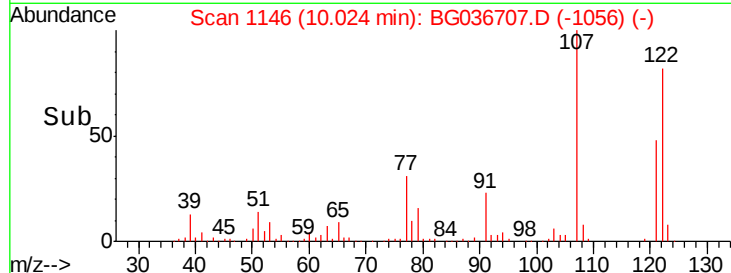
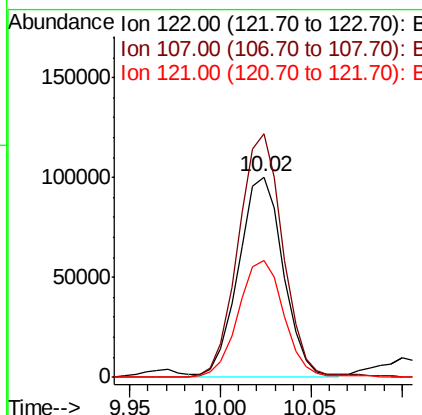
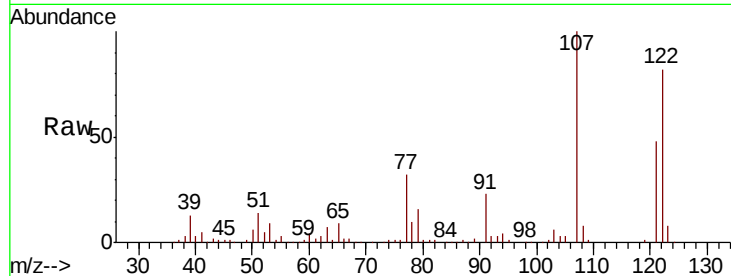




#27
 2,4-Dimethylphenol
 Concen: 39.077 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

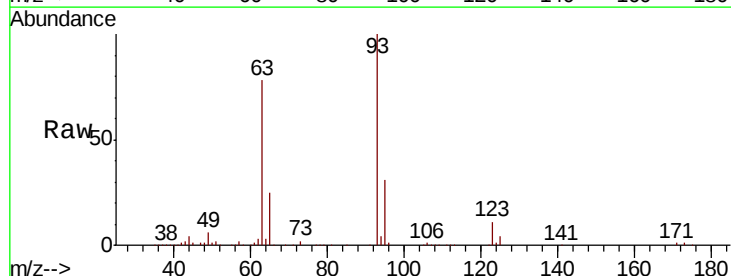
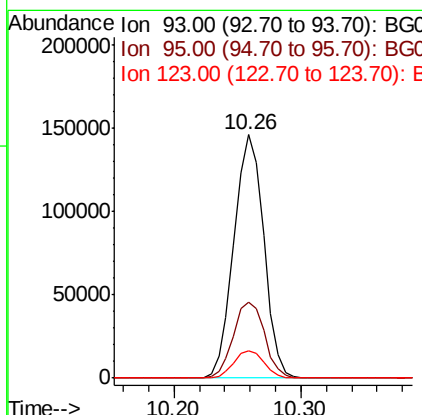
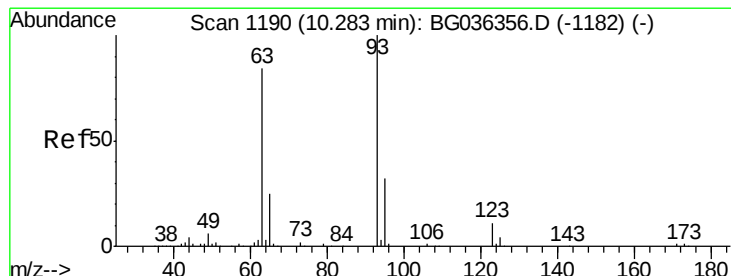
Instrument :
 BNA_G
 ClientSampleId :

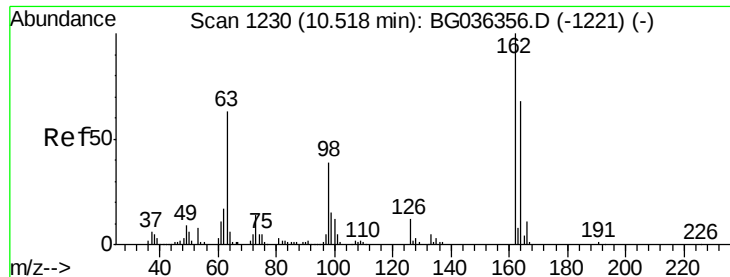
Tot Ion:122 Resp: 172265
 Ion Ratio Lower Upper
 122 100
 107 121.7 96.0 144.0
 121 58.5 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.038 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Tgt Ion: 93 Resp: 238038
 Ion Ratio Lower Upper
 93 100
 95 31.3 25.2 37.8
 123 11.4 8.6 12.8

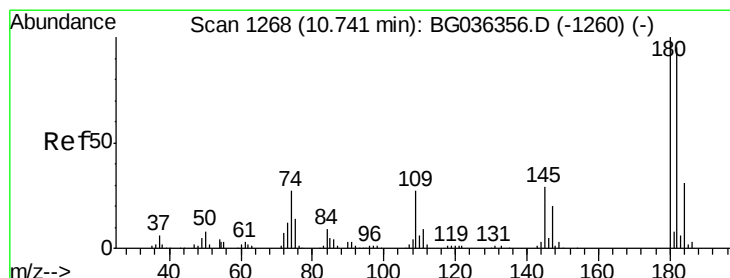
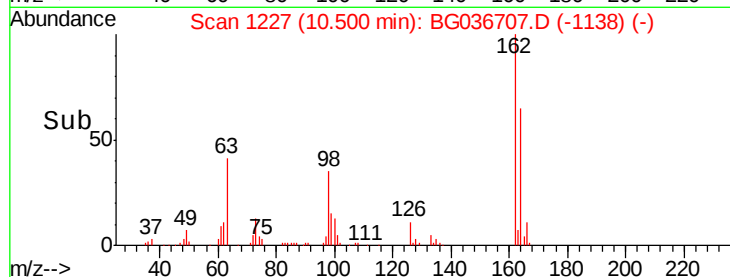
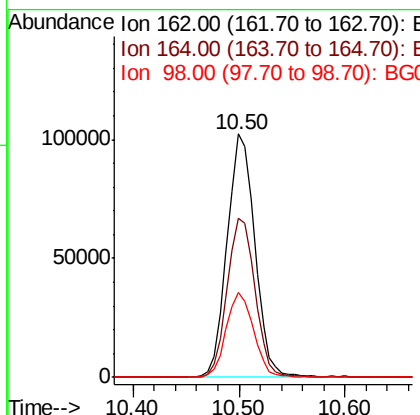
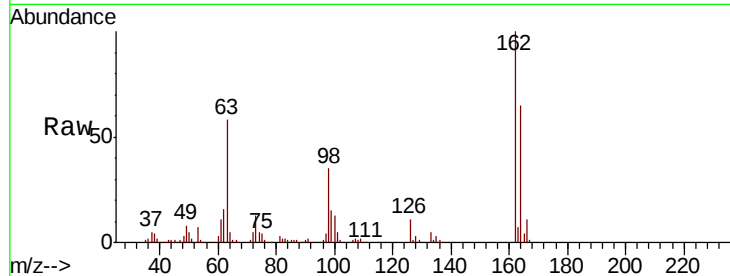




#29
 2,4-Dichlorophenol
 Concen: 38.604 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

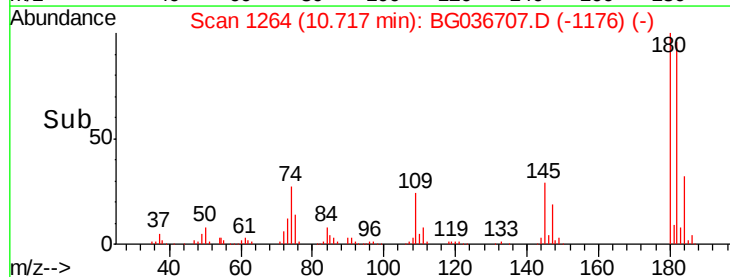
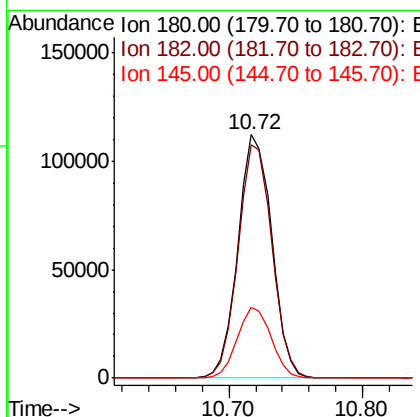
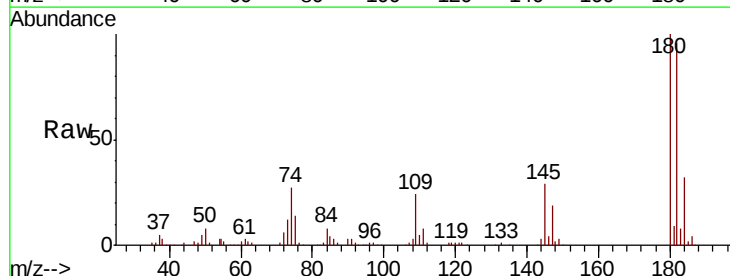
Instrument :
 BNA_G
 ClientSampleId :

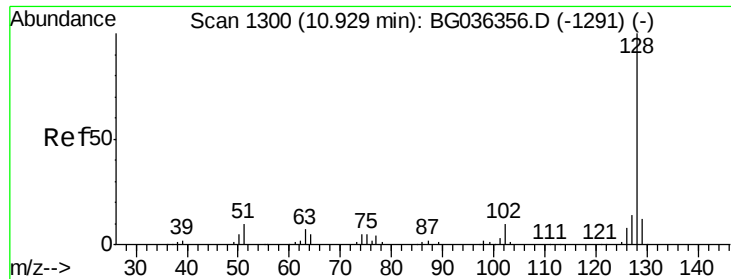
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	47.6	87.6
98	34.7	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 34.772 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.0	114.0
145	29.2	22.9	34.3

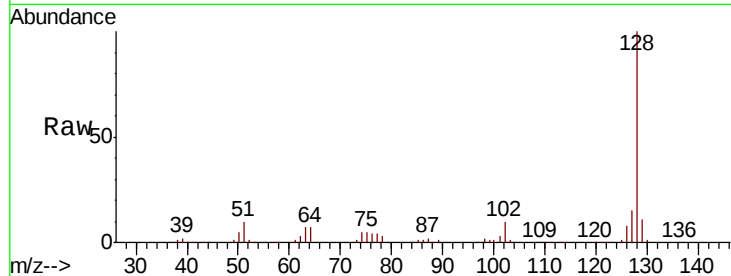




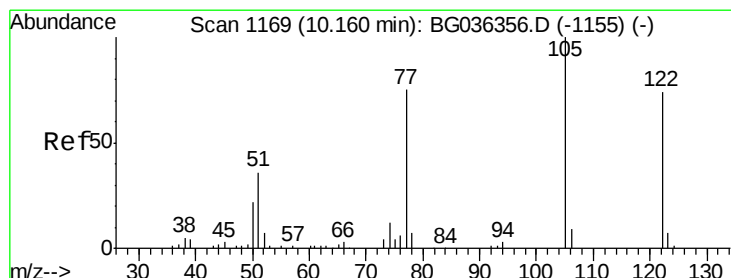
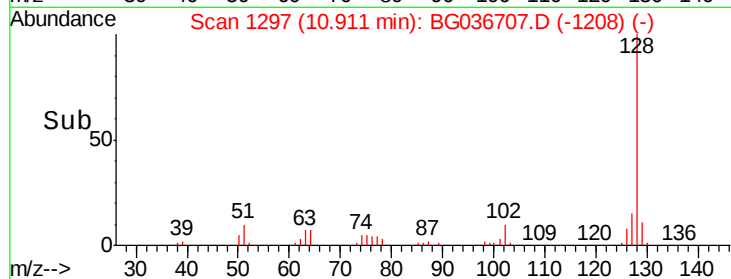
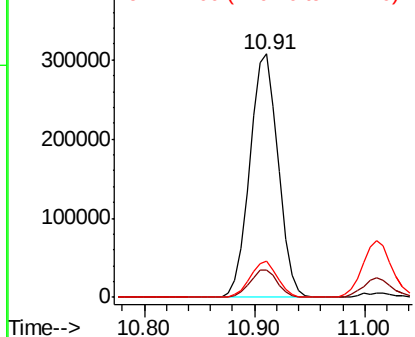
#31
Naphthalene
Concen: 36.694 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 554581
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 14.7 11.0 16.4

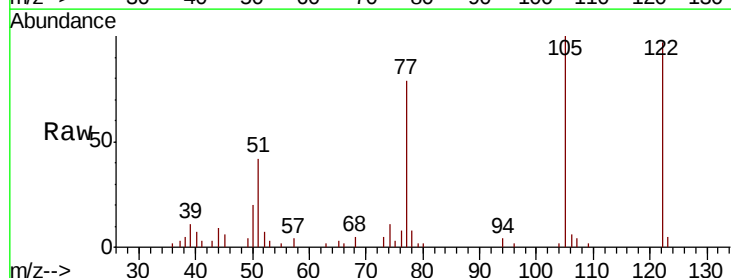


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

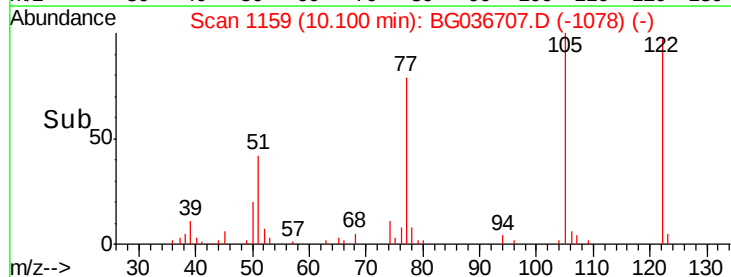
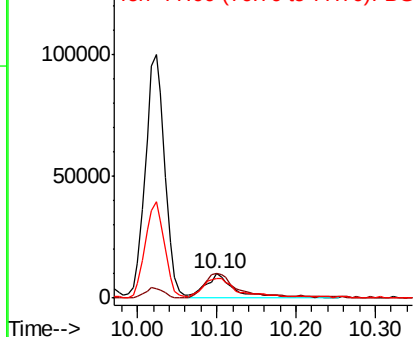


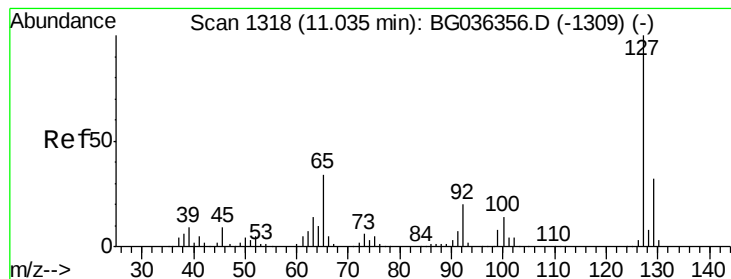
#32
Benzoic acid
Concen: 12.073 ng
RT: 10.10 min Scan# 1159
Delta R.T. -0.06 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Tgt Ion:122 Resp: 27373
Ion Ratio Lower Upper
122 100
105 103.2 108.1 148.1#
77 81.9 76.3 116.3



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





#33

4-Chloroaniline

Concen: 19.711 ng

RT: 11.01 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:127 Resp: 136512

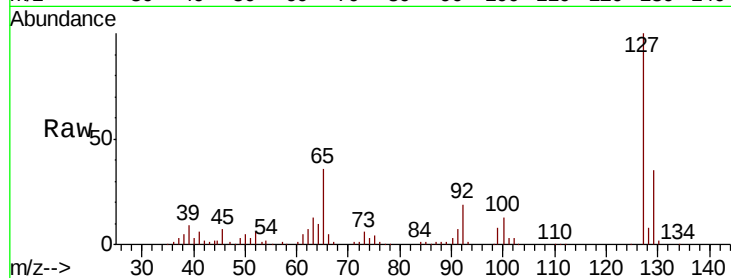
Ion Ratio Lower Upper

127 100

129 35.0 25.9 38.9

65 35.6 27.5 41.3

92 19.4 16.2 24.2

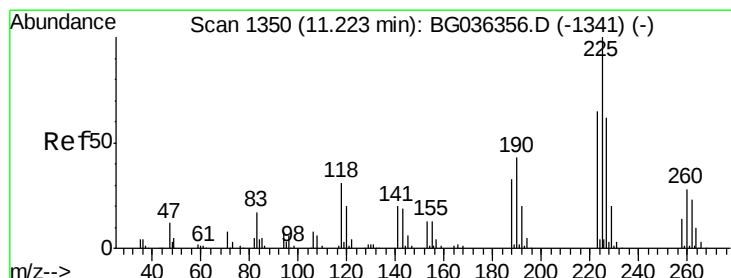
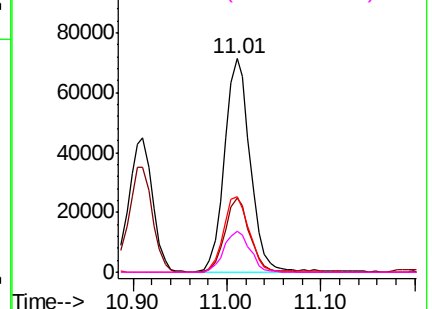
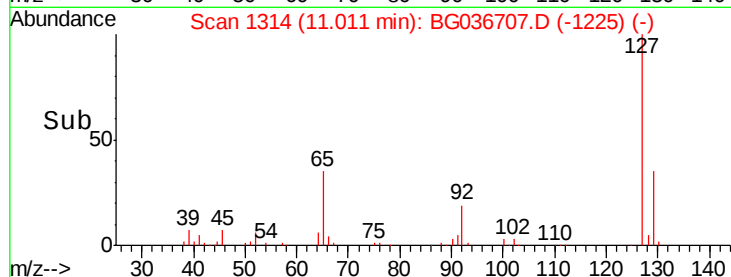


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34

Hexachlorobutadiene

Concen: 34.894 ng

RT: 11.19 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

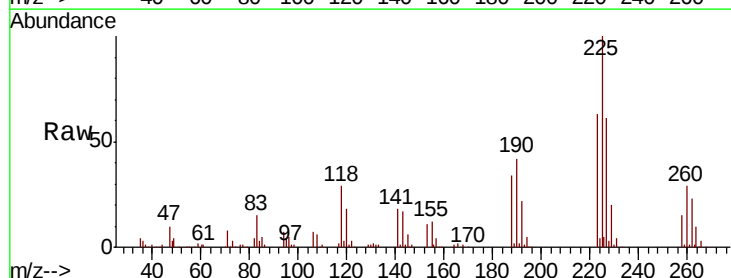
Tgt Ion:225 Resp: 132504

Ion Ratio Lower Upper

225 100

223 62.8 51.8 77.8

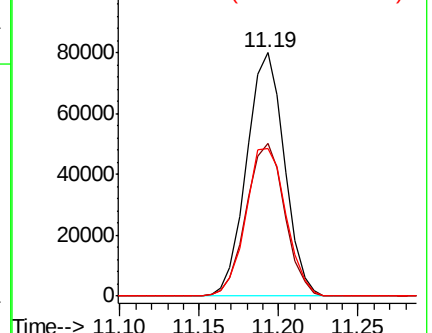
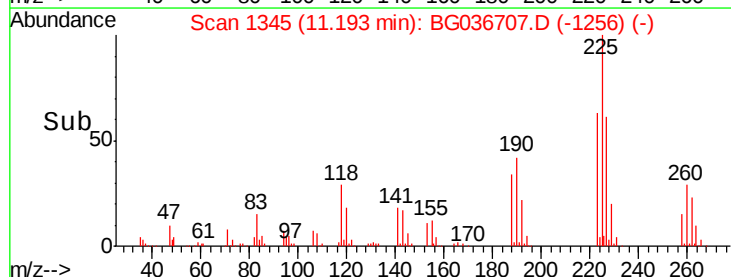
227 60.5 49.8 74.6

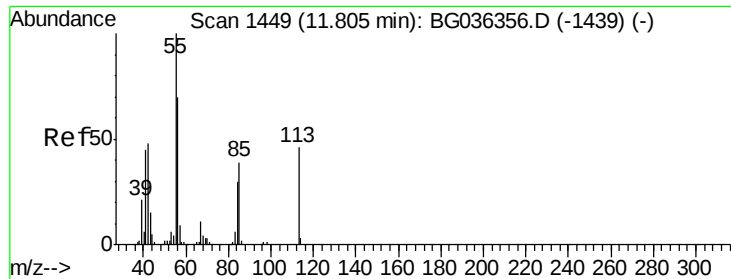


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.036 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampled :

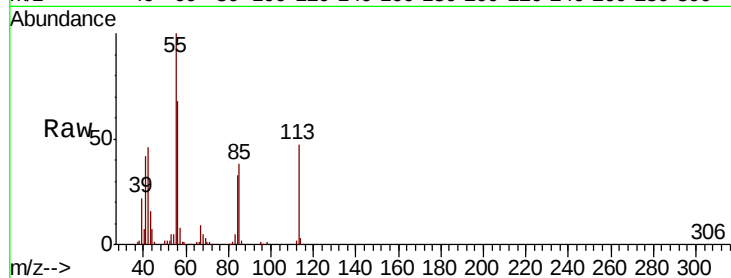
Tot Ion:113 Resp: 61657

Ion Ratio Lower Upper

113 100

55 215.0 197.7 237.7

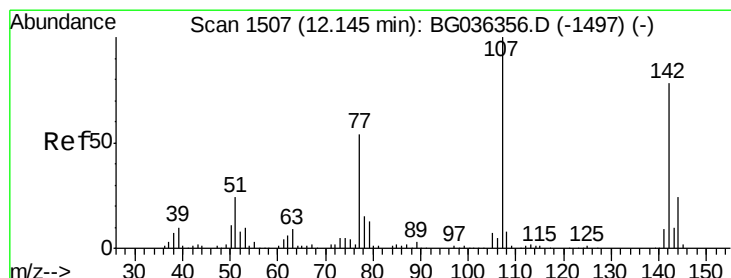
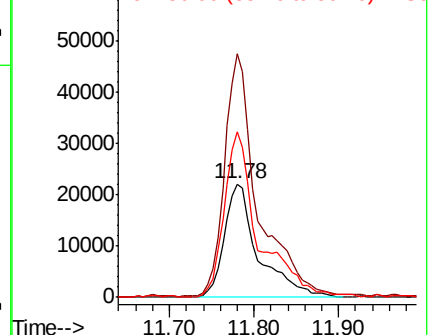
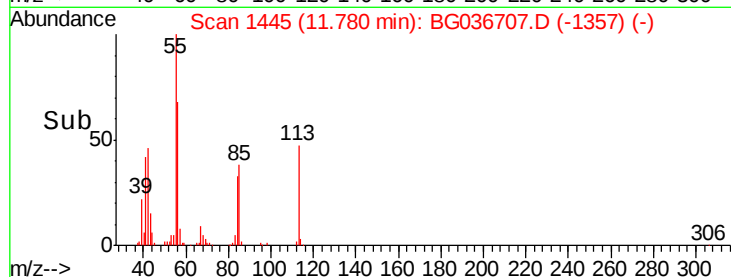
56 146.2 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 35.379 ng

RT: 12.13 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

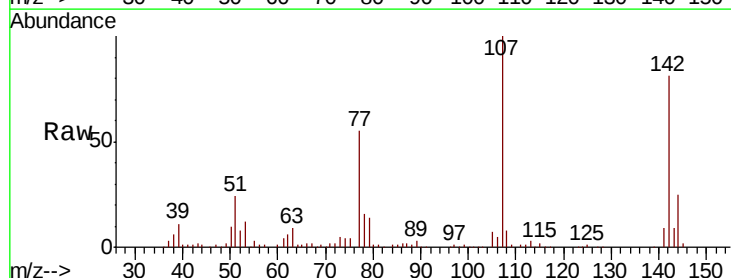
Tgt Ion:107 Resp: 198607

Ion Ratio Lower Upper

107 100

144 25.4 19.5 29.3

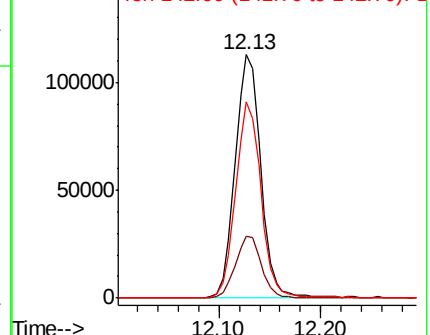
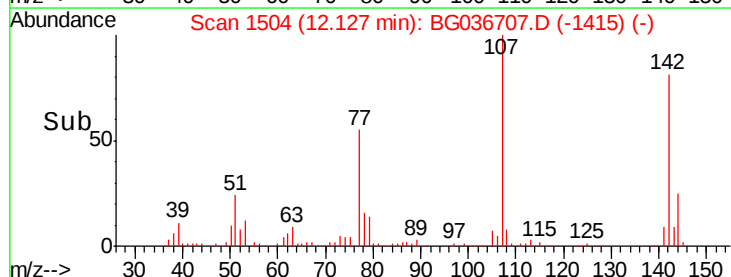
142 80.6 62.4 93.6

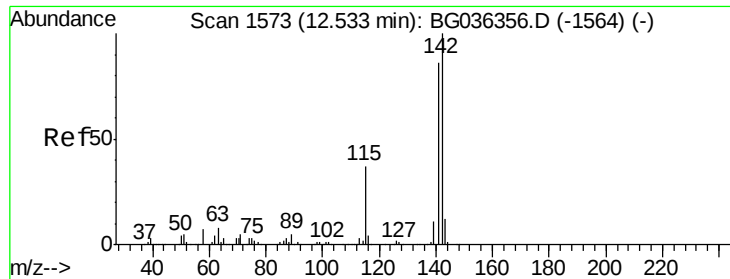


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

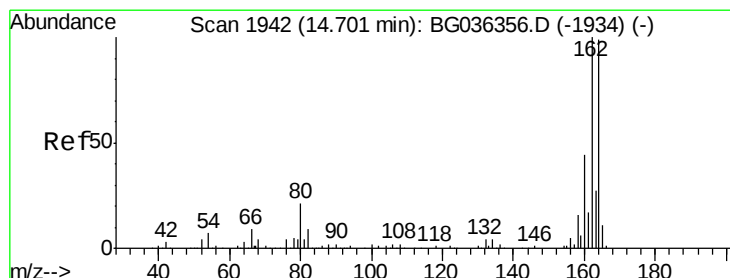
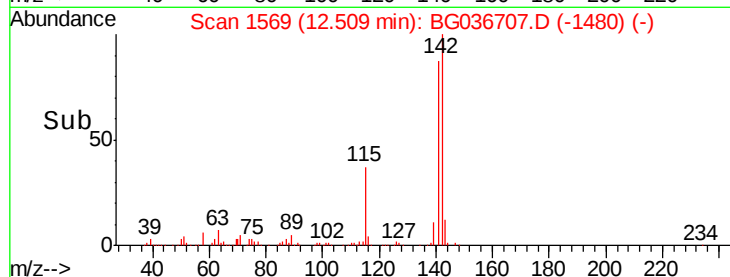
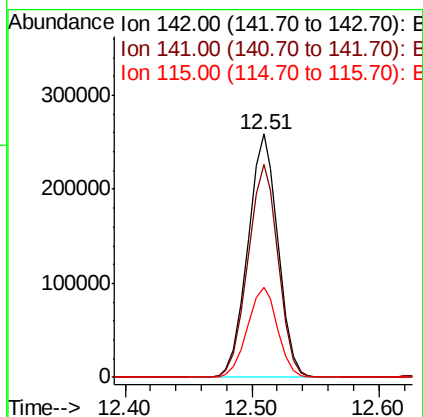
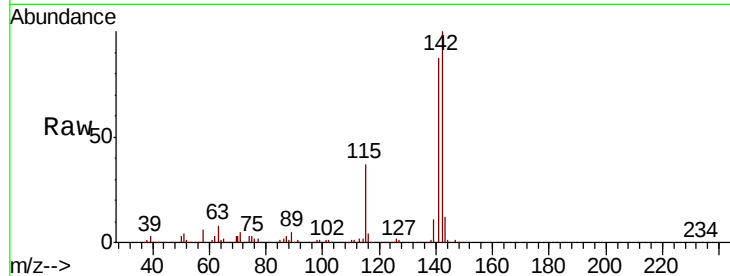




#37
2-Methylnaphthalene
Concen: 38.574 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

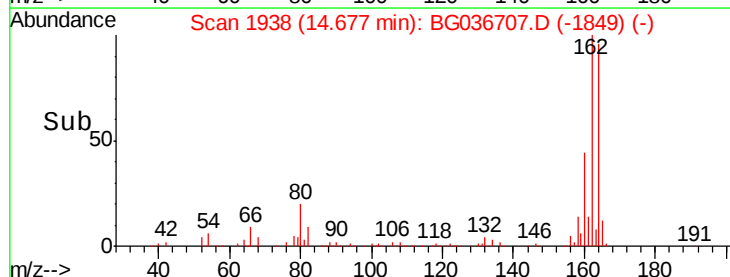
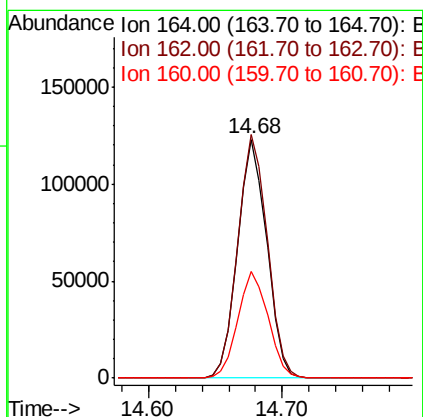
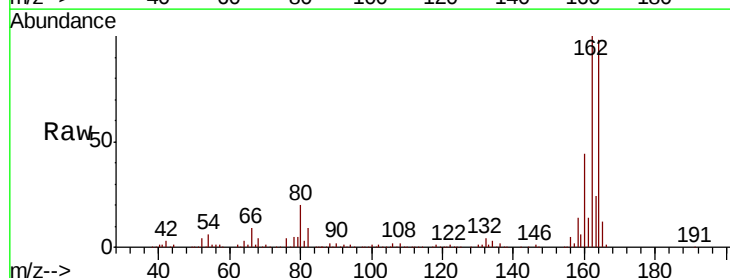
Instrument :
BNA_G
ClientSampleId :

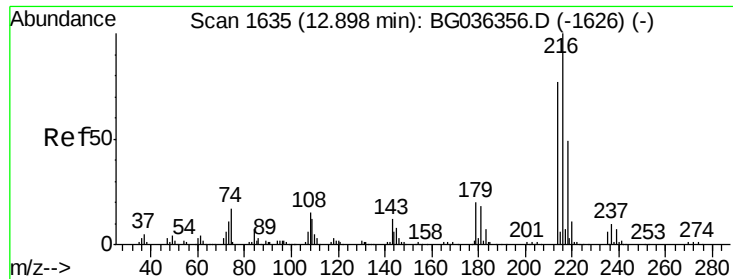
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	68.5	102.7
115	37.1	29.8	44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.7	121.1
160	44.9	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.314 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 245664

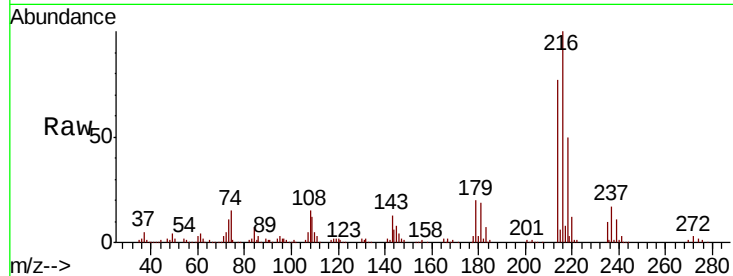
Ion Ratio Lower Upper

216 100

214 77.4 61.0 91.6

179 19.1 15.7 23.5

108 16.6 13.1 19.7

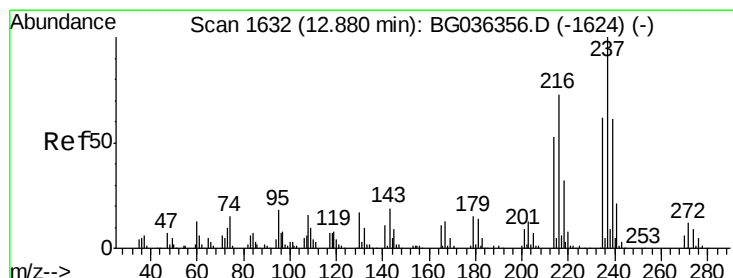
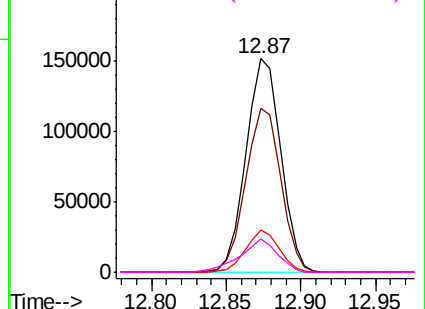
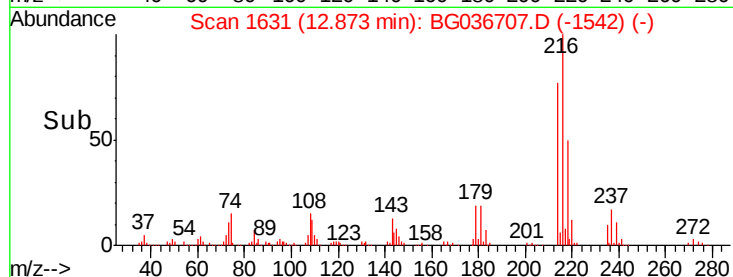


Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.340 ng

RT: 12.86 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

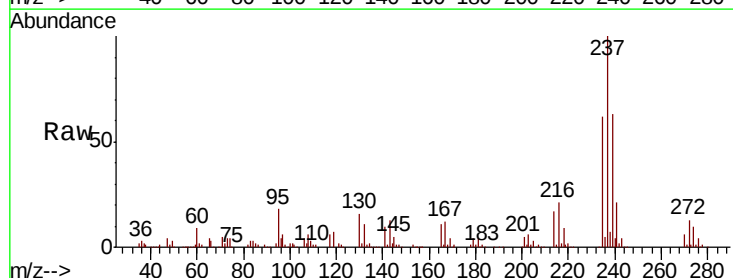
Tgt Ion:237 Resp: 227247

Ion Ratio Lower Upper

237 100

235 62.5 42.2 82.2

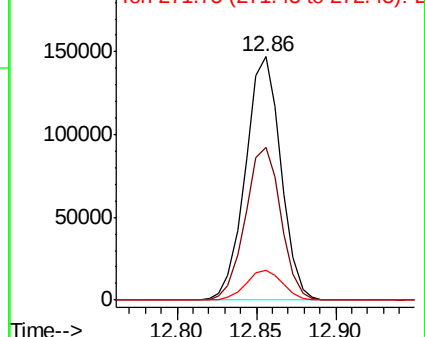
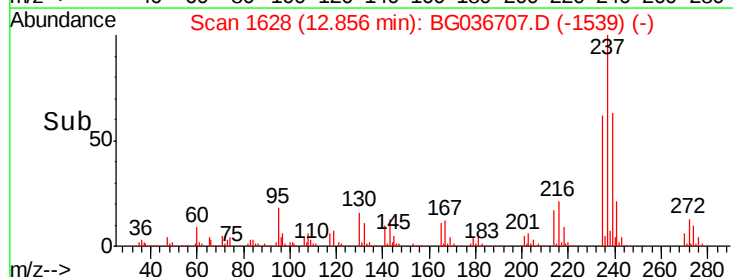
272 12.5 0.0 32.1

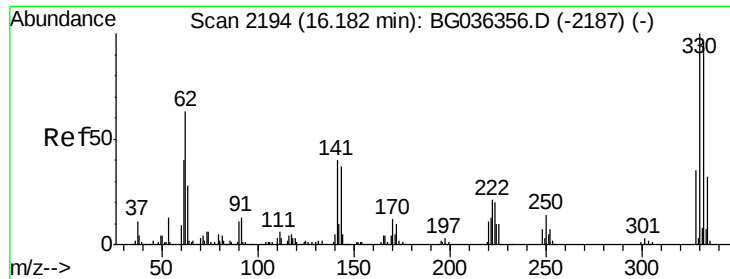


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

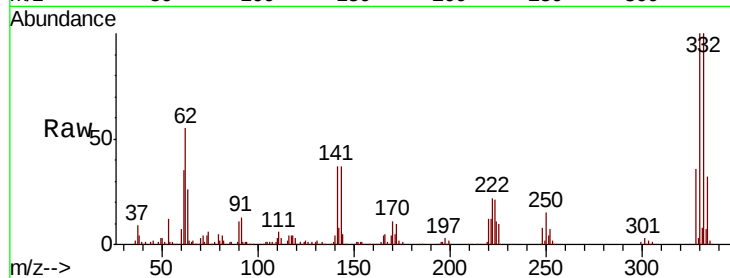




#41
 2,4,6-Tribromophenol
 Concen: 100.981 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.4	113.2
141	37.2	30.7	46.1

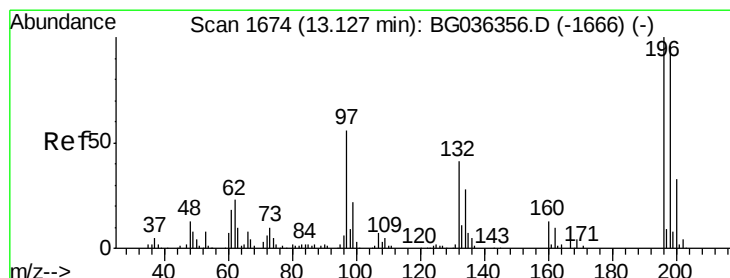
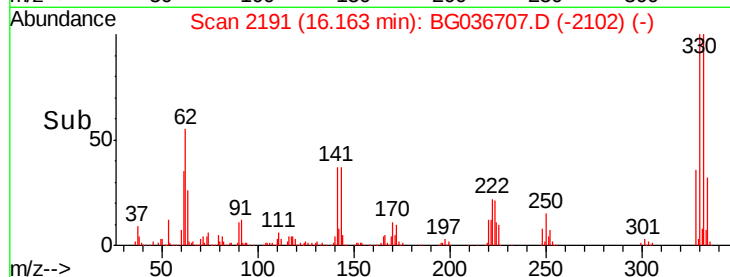
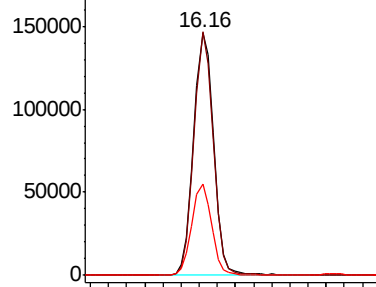


Abundance

Ion 329.80 (329.50 to 330.50): E

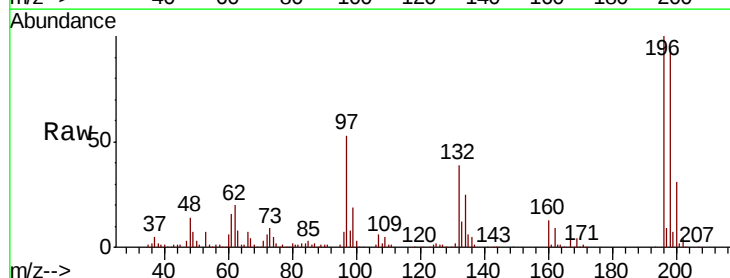
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.915 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	77.2	115.8
200	31.4	26.3	39.5

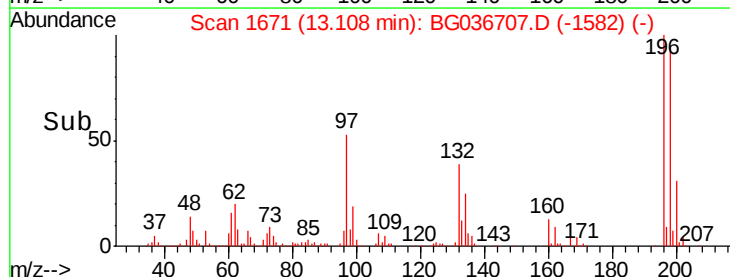
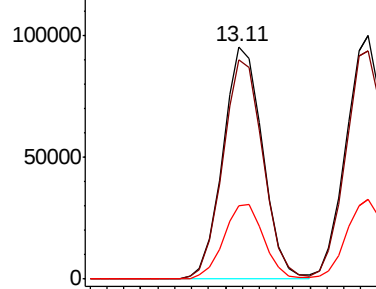


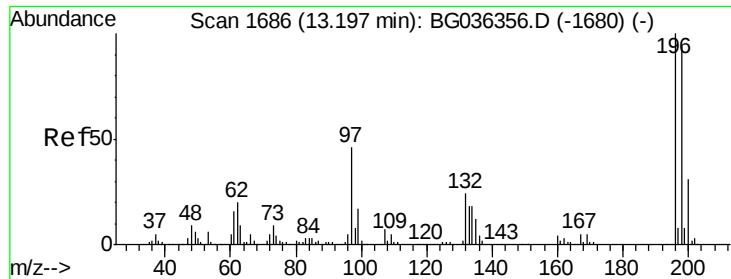
Abundance

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

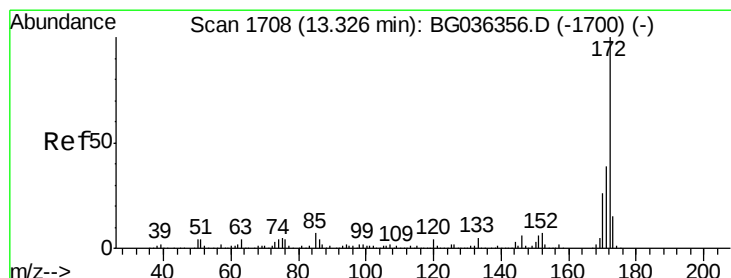
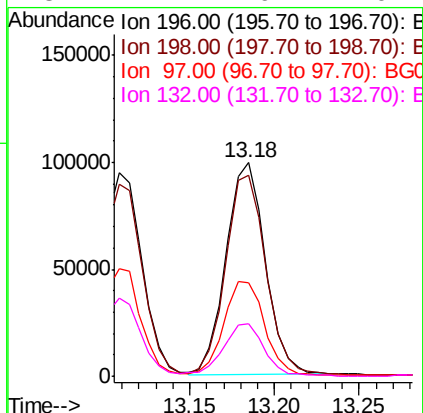
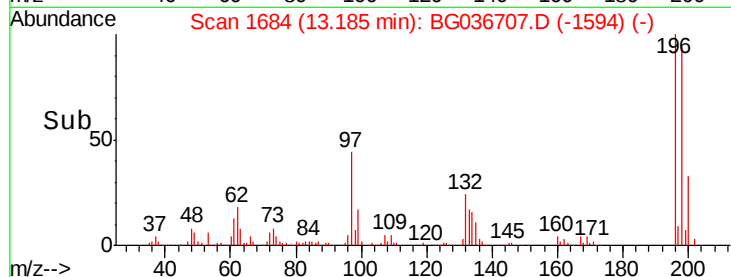
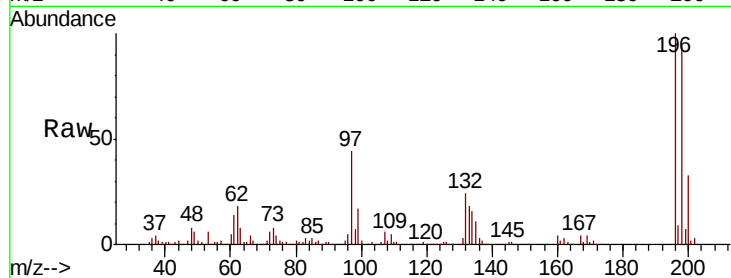




#43
 2,4,5-Trichlorophenol
 Concen: 37.696 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

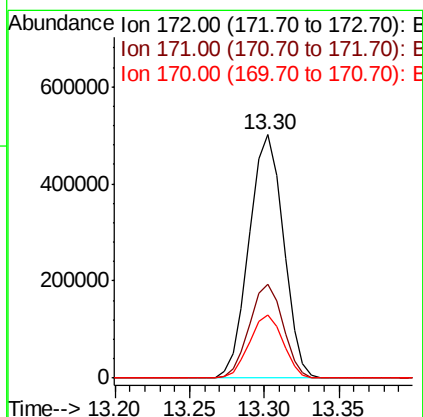
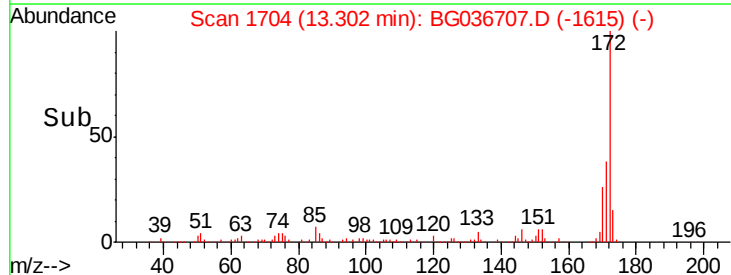
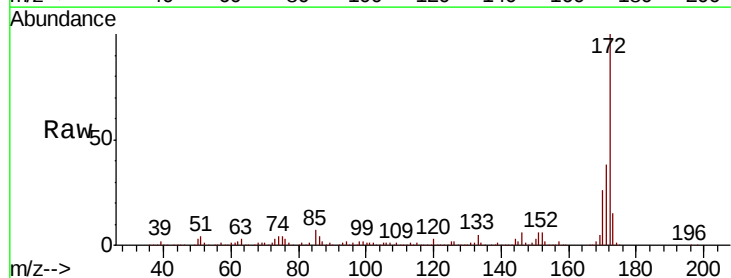
Instrument :
 BNA_G
 ClientSampleId :

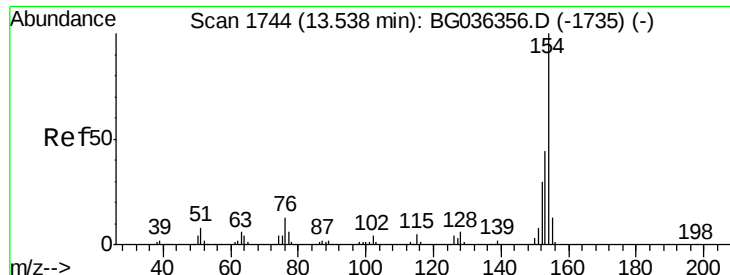
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.6	113.4
97	44.0	37.2	55.8
132	24.4	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 61.173 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	26.0	21.0	31.6





#45

1,1'-Biphenyl

Concen: 34.178 ng

RT: 13.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

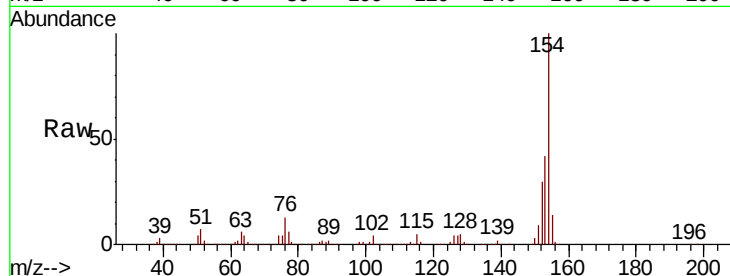
Tot Ion:154 Resp: 527805

Ion Ratio Lower Upper

154 100

153 42.4 24.0 64.0

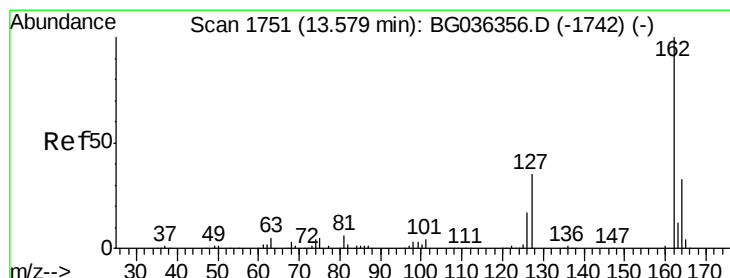
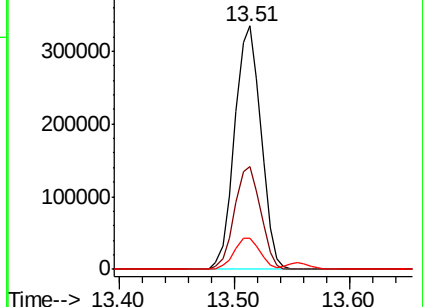
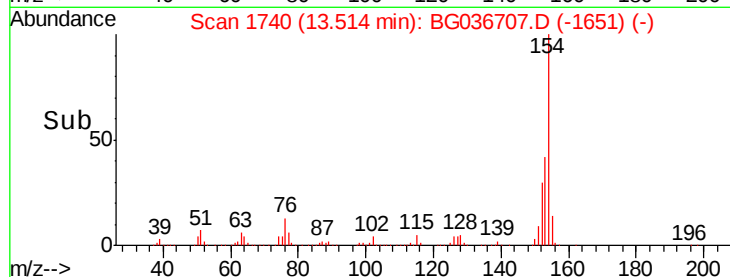
76 12.8 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 34.926 ng

RT: 13.55 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

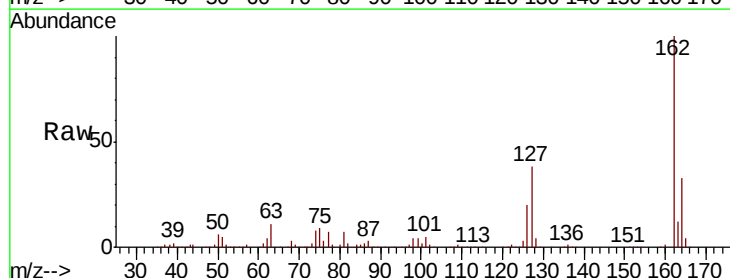
Tgt Ion:162 Resp: 411750

Ion Ratio Lower Upper

162 100

127 37.8 30.7 46.1

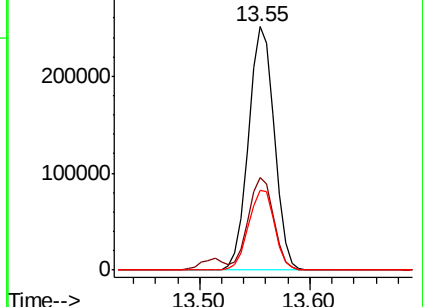
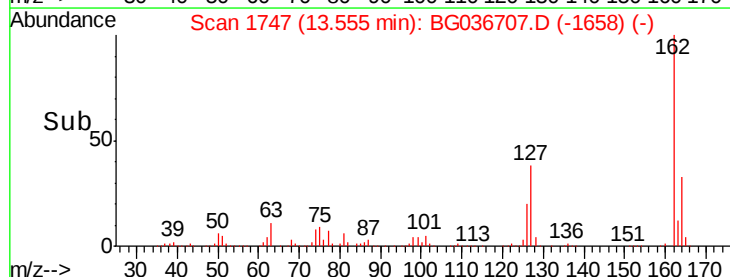
164 32.8 26.7 40.1

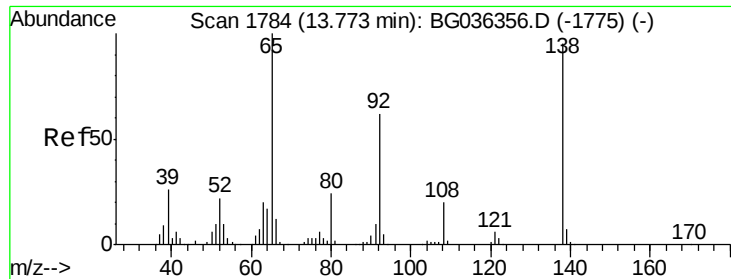


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

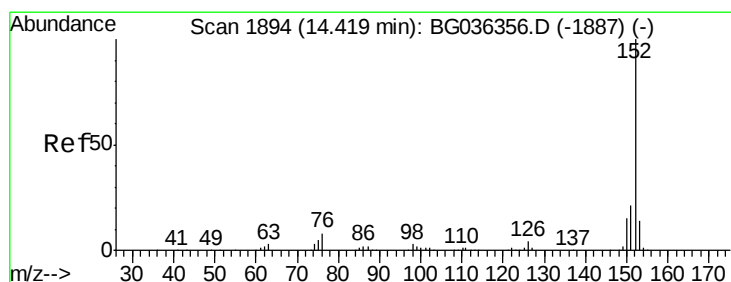
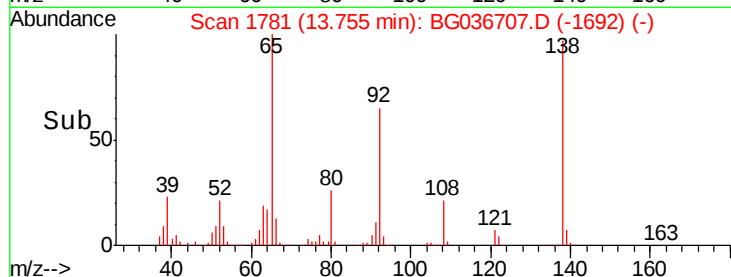
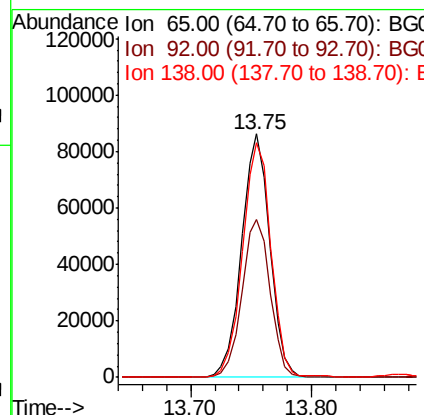
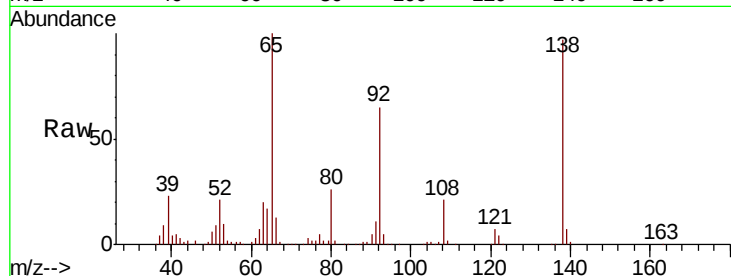




#47
2-Nitroaniline
Concen: 37.991 ng
RT: 13.75 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

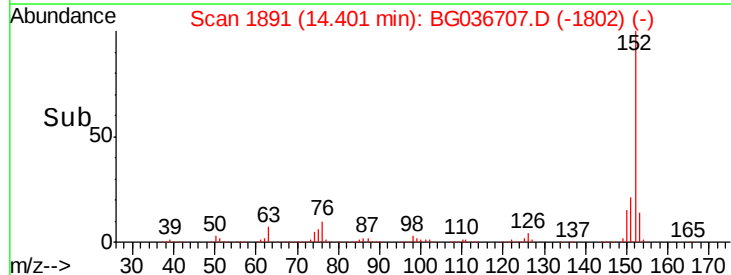
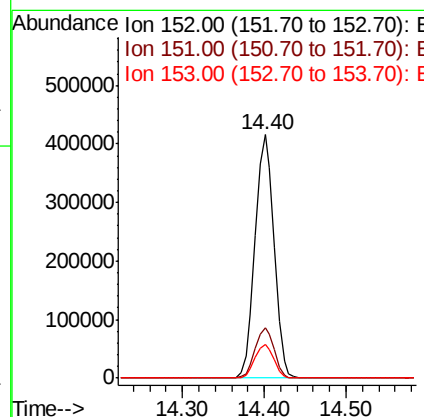
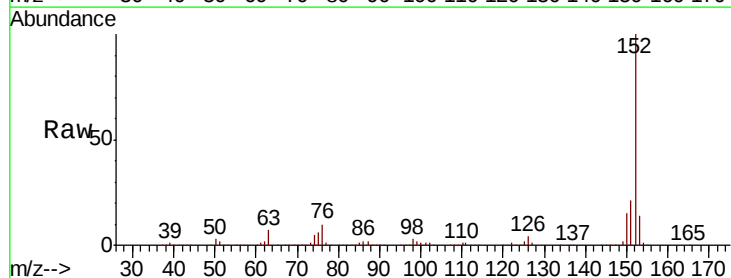
Instrument :
BNA_G
ClientSampled :

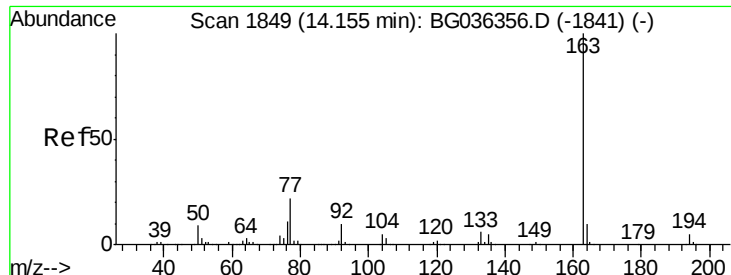
Tot Ion: 65 Resp: 140644
Ion Ratio Lower Upper
65 100
92 64.6 49.9 74.9
138 96.6 76.2 114.4



#48
Acenaphthylene
Concen: 36.485 ng
RT: 14.40 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Tgt Ion: 152 Resp: 672221
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 13.8 11.2 16.8





#49

Dimethylphthalate

Concen: 48.287 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

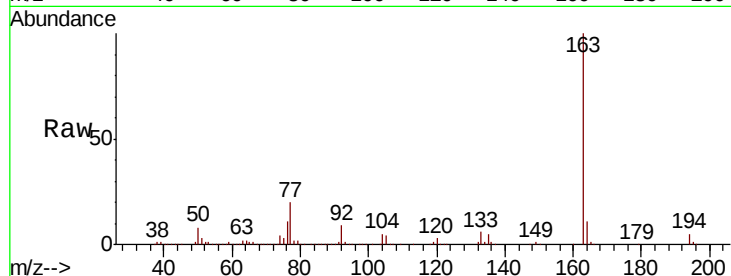
Tot Ion:163 Resp: 733532

Ion Ratio Lower Upper

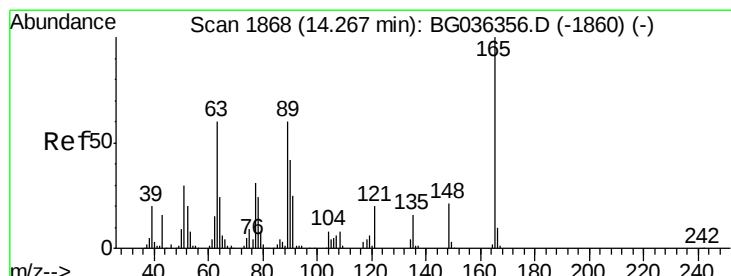
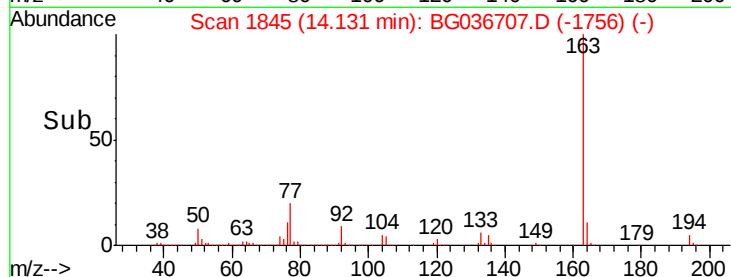
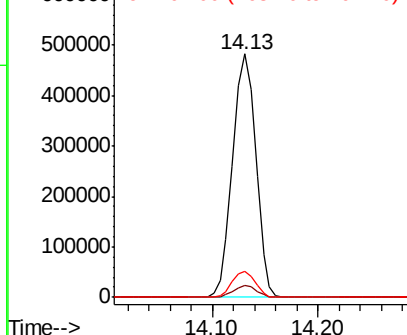
163 100

194 4.9 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: 37.063 ng

RT: 14.25 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

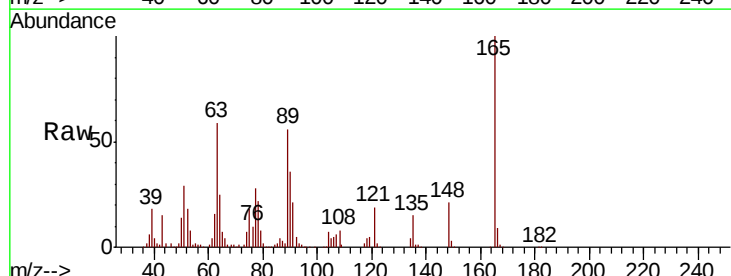
Tgt Ion:165 Resp: 115855

Ion Ratio Lower Upper

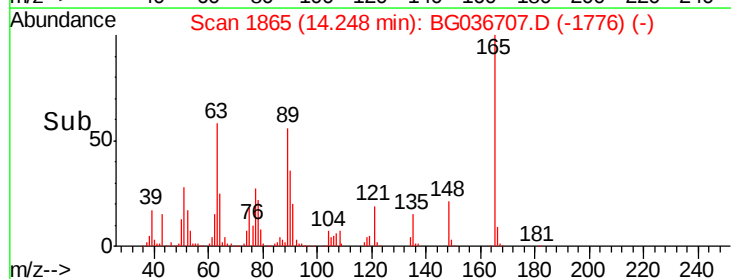
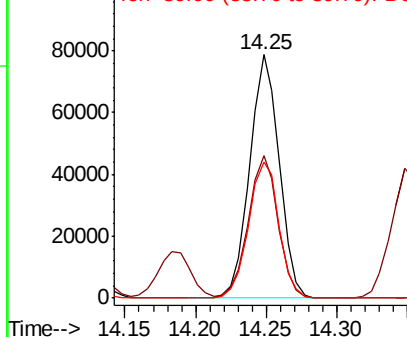
165 100

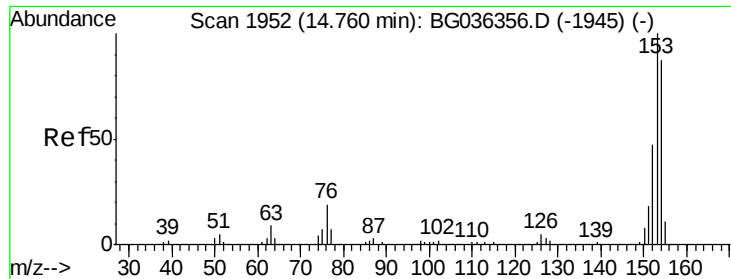
63 58.5 50.1 75.1

89 56.0 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: 33.631 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

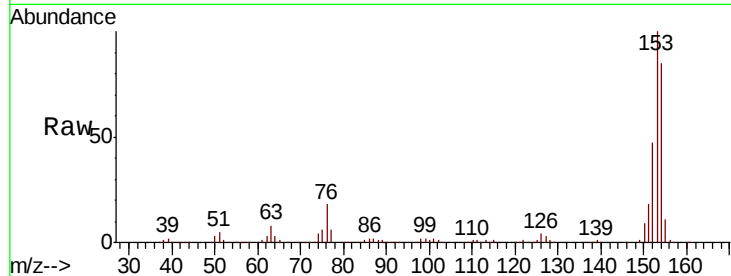
Tot Ion:154 Resp: 396838

Ion Ratio Lower Upper

154 100

153 118.2 91.8 137.6

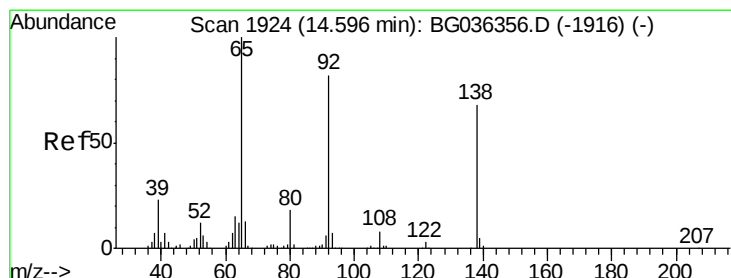
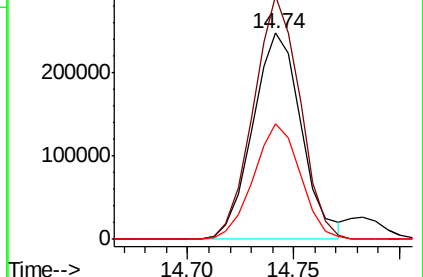
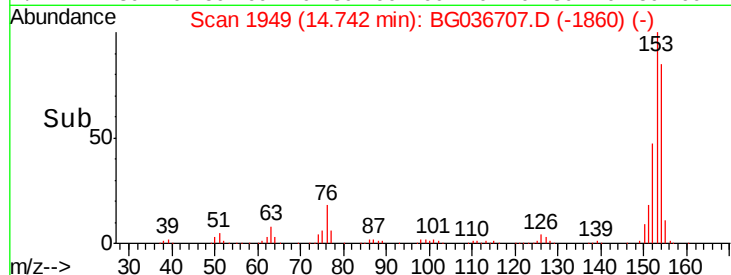
152 56.1 43.5 65.3



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: 28.878 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

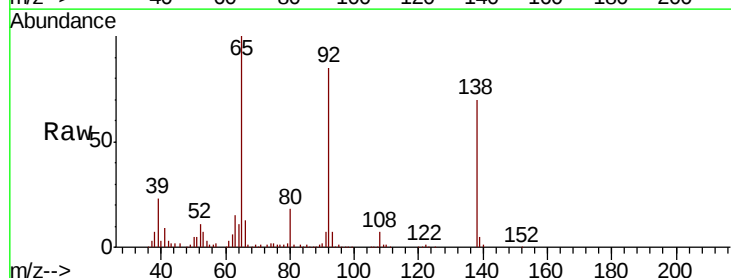
Tgt Ion:138 Resp: 97278

Ion Ratio Lower Upper

138 100

108 9.4 9.4 14.2#

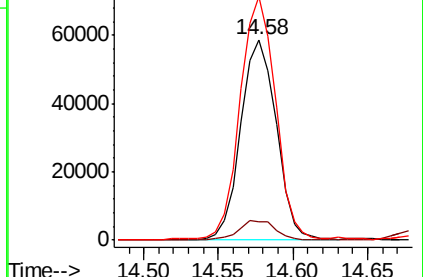
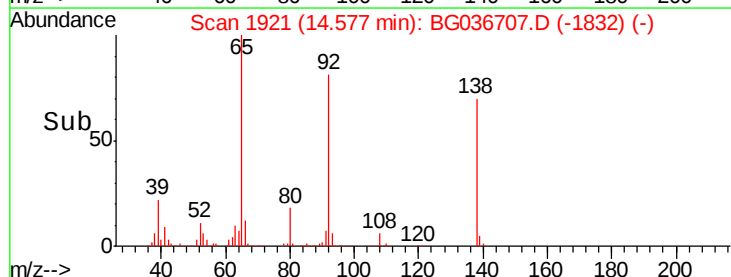
92 121.6 96.8 145.2

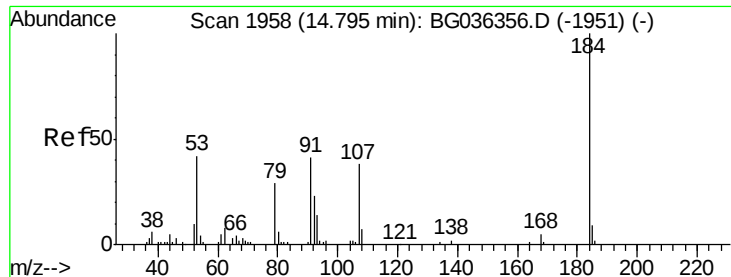


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

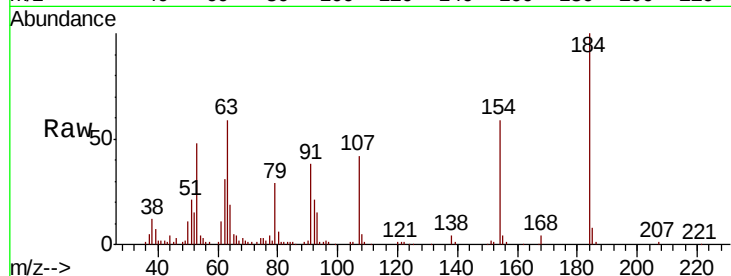




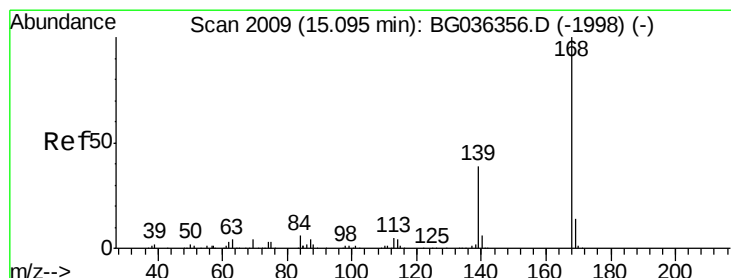
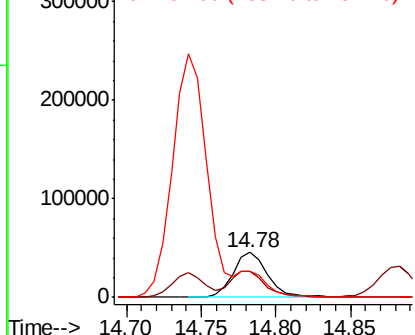
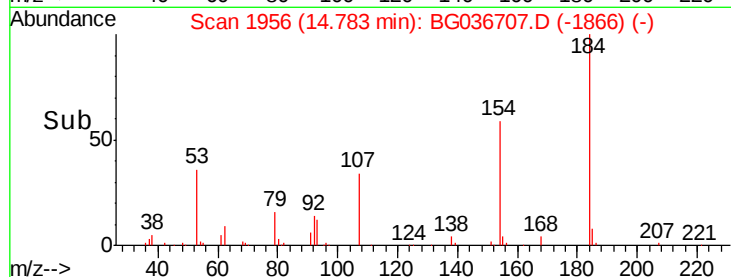
#53
 2,4-Dinitrophenol
 Concen: 62.320 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 73788
 Ion Ratio Lower Upper
 184 100
 63 59.2 47.3 70.9
 154 58.6 51.1 76.7

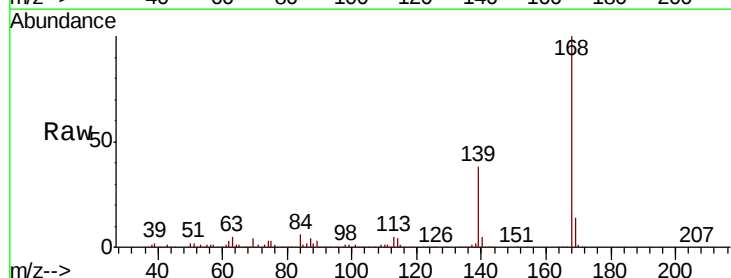


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

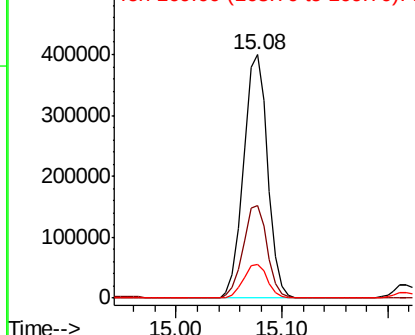
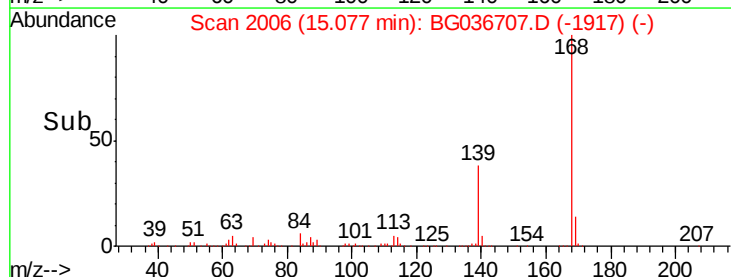


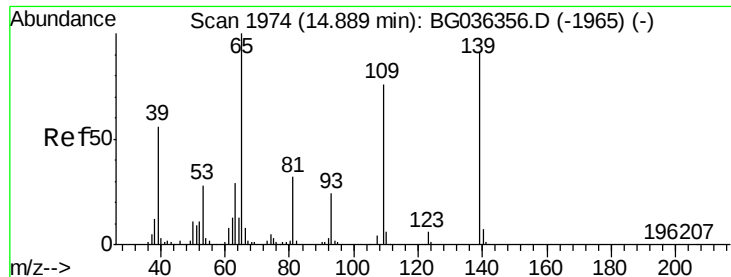
#54
 Dibenzofuran
 Concen: 34.011 ng
 RT: 15.08 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Tgt Ion:168 Resp: 628740
 Ion Ratio Lower Upper
 168 100
 139 38.0 31.0 46.6
 169 13.9 11.1 16.7



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

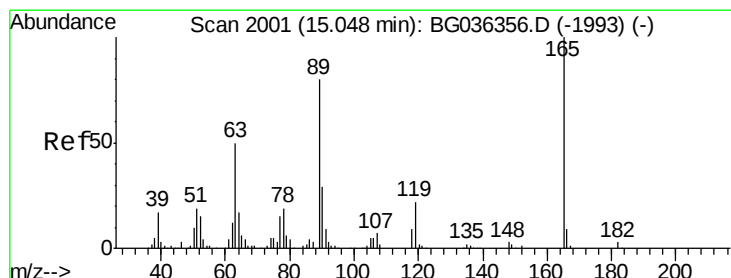
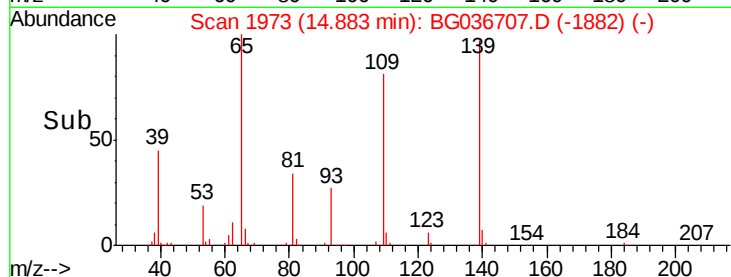
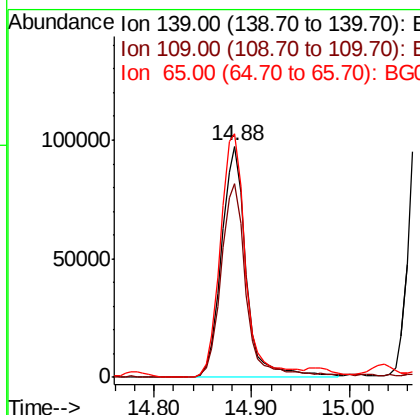
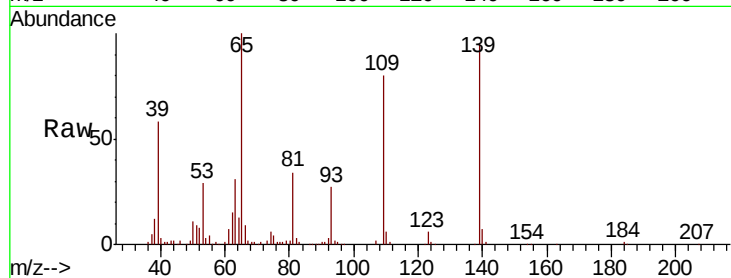




#55
4-Nitrophenol
Concen: 62.327 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

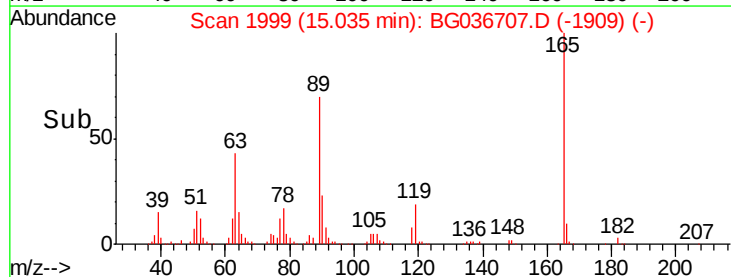
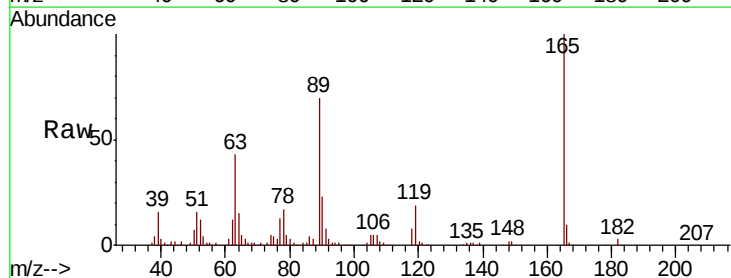
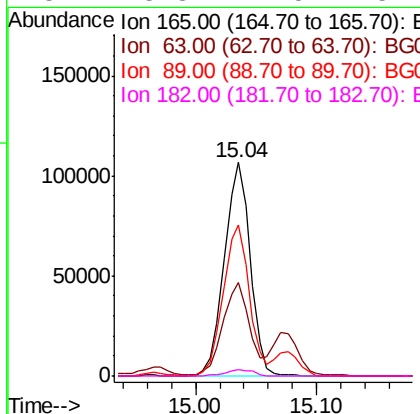
Instrument :
BNA_G
ClientSampleId :

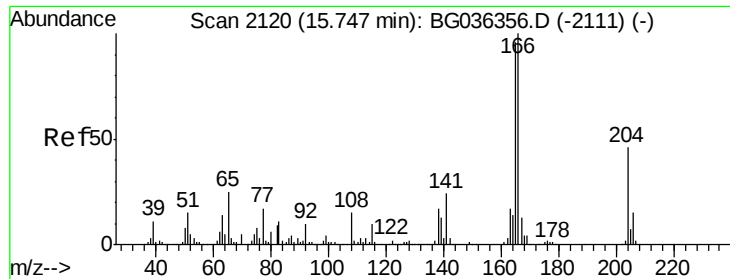
Tot Ion	Ratio	Lower	Upper
139	100		
109	84.0	63.9	103.9
65	105.4	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 38.865 ng
RT: 15.04 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.5	40.1	60.1
89	70.4	63.7	95.5
182	3.3	2.5	3.7





#57

Fluorene

Concen: 35.957 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

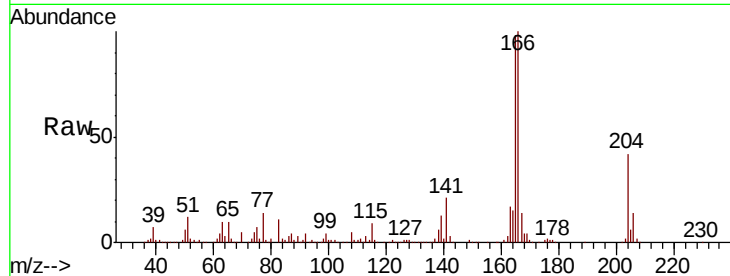
Tot Ion:166 Resp: 496923

Ion Ratio Lower Upper

166 100

165 97.9 77.0 115.4

167 13.9 10.6 16.0

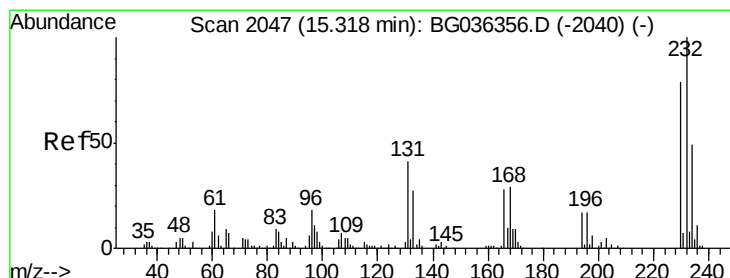
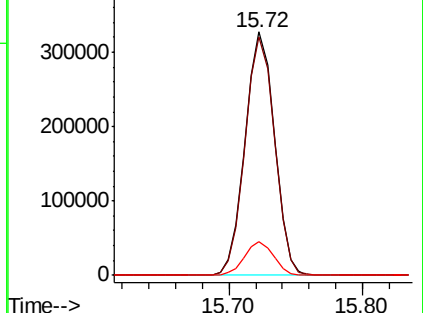
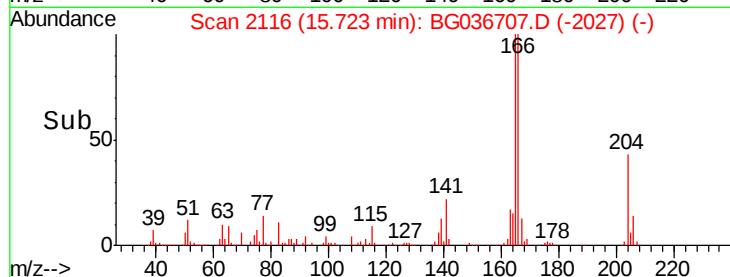


Abundance

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: 38.693 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Tgt Ion:232 Resp: 155506

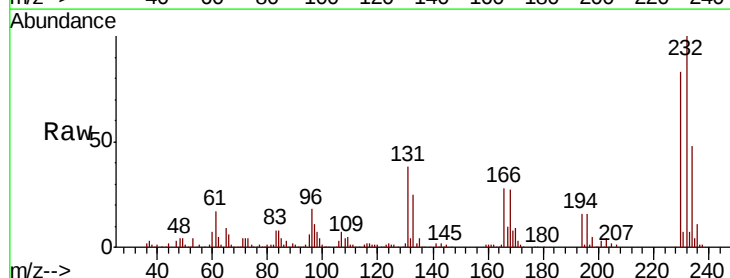
Ion Ratio Lower Upper

232 100

131 37.9 33.8 50.8

130 2.1 2.1 3.1#

166 28.7 22.3 33.5



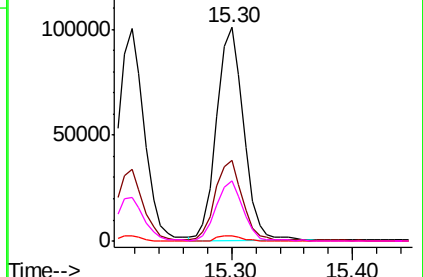
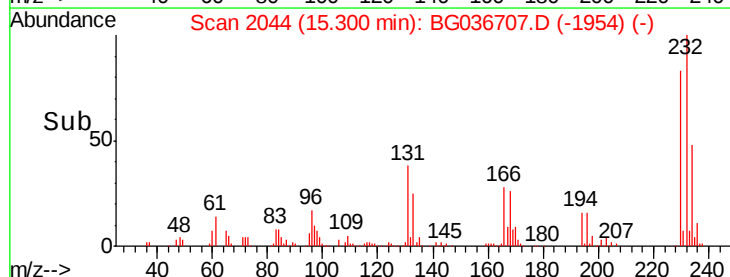
Abundance

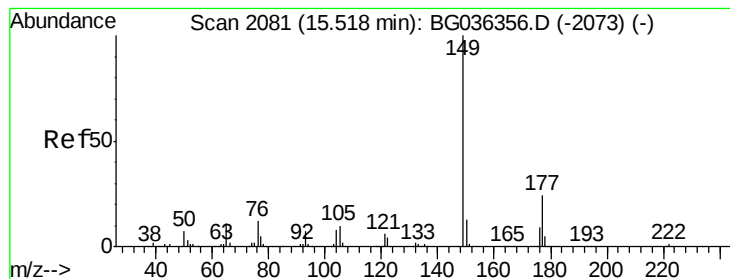
Ion 232.00 (231.70 to 232.70): E

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: 32.904 ng

RT: 15.49 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

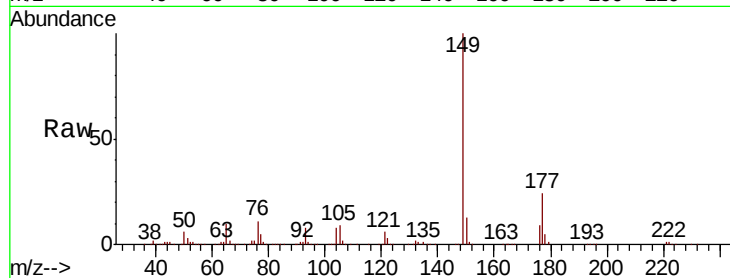
Tot Ion:149 Resp: 503739

Ion Ratio Lower Upper

149 100

177 24.1 19.1 28.7

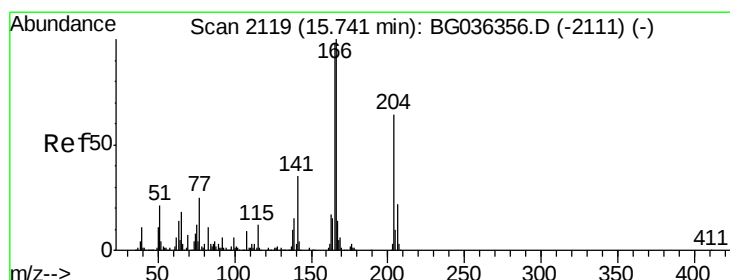
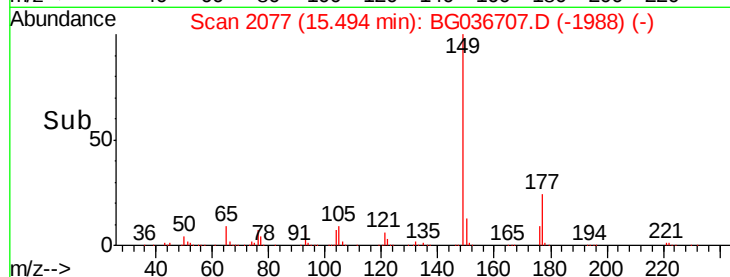
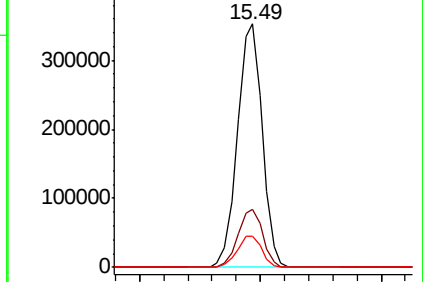
150 12.8 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.001 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

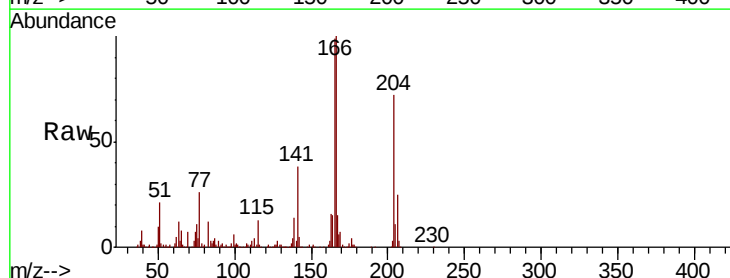
Tgt Ion:204 Resp: 281621

Ion Ratio Lower Upper

204 100

206 34.3 27.0 40.4

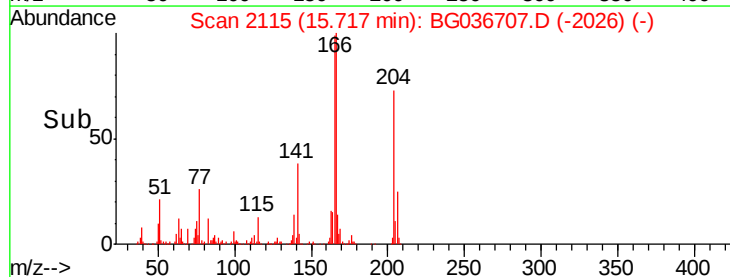
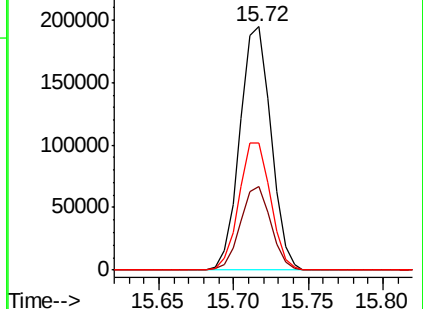
141 52.2 43.8 65.6

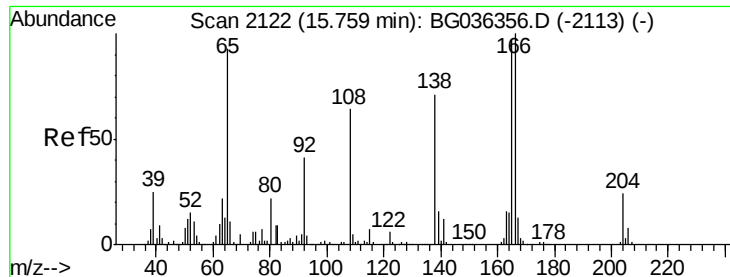


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.628 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampled :

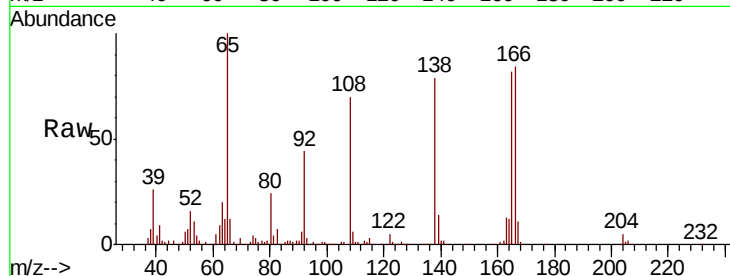
Tot Ion:138 Resp: 118539

Ion Ratio Lower Upper

138 100

92 55.7 38.5 78.5

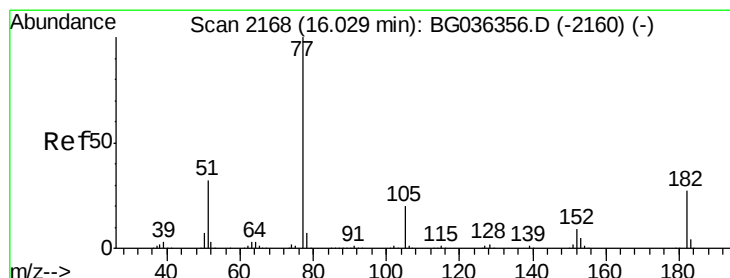
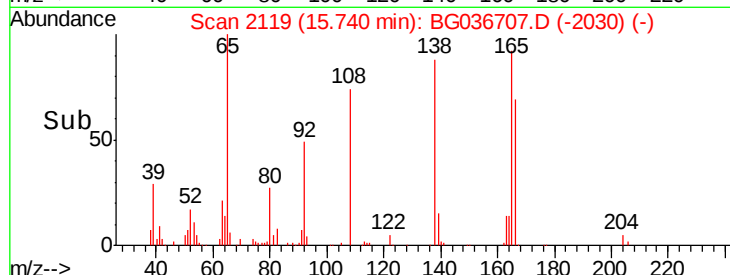
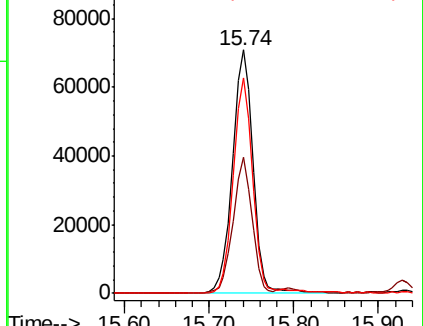
108 88.6 70.3 110.3



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: 32.078 ng

RT: 16.00 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Tgt Ion: 77 Resp: 499682

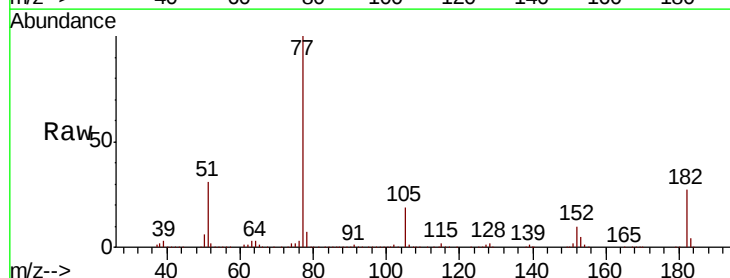
Ion Ratio Lower Upper

77 100

182 26.7 6.7 46.7

105 19.0 0.0 39.8

51 31.2 12.4 52.4

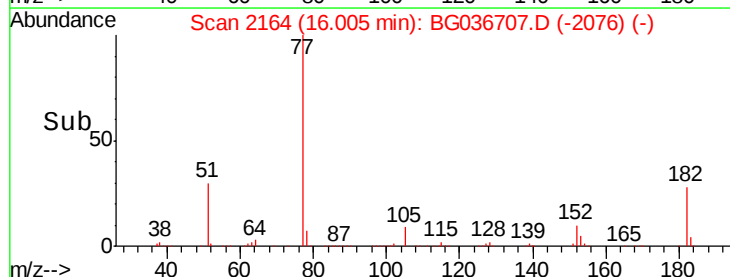
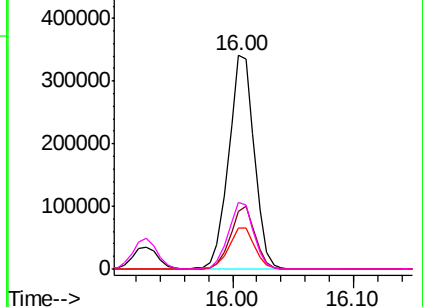


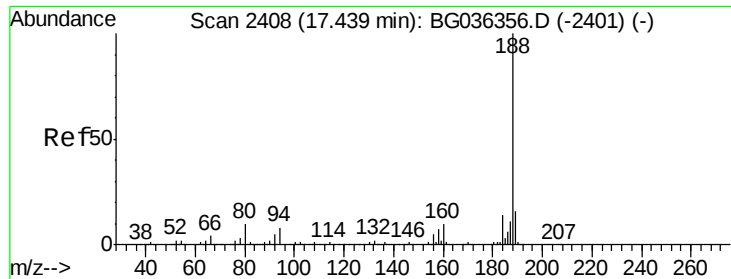
Abundance Ion 77.00 (76.70 to 77.70): BG

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: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

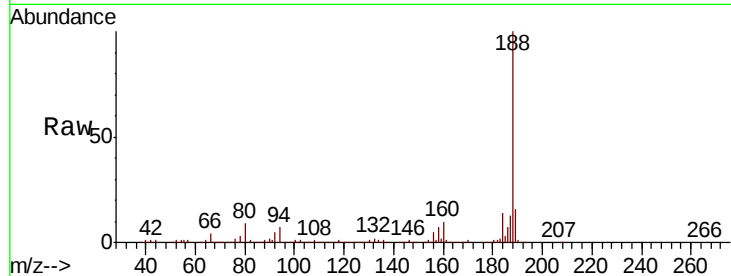
Tot Ion:188 Resp: 412858

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

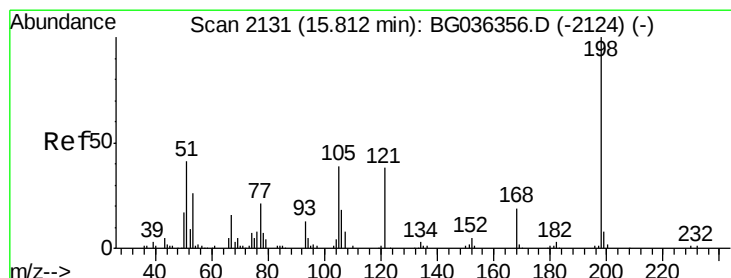
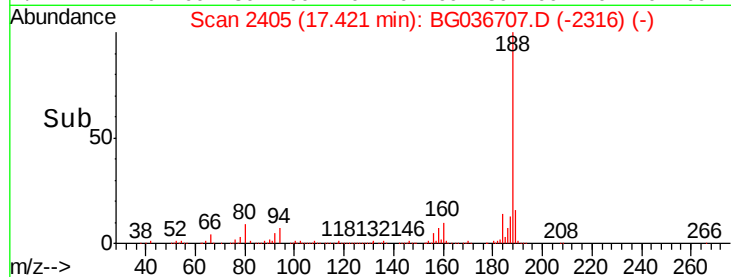
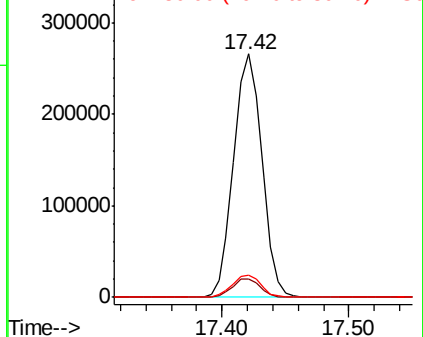
80 9.2 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 42.465 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

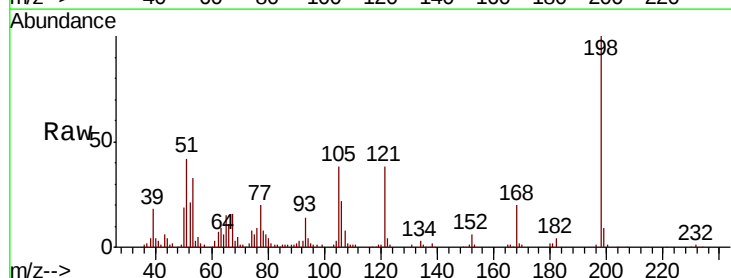
Tgt Ion:198 Resp: 77014

Ion Ratio Lower Upper

198 100

51 42.3 26.5 66.5

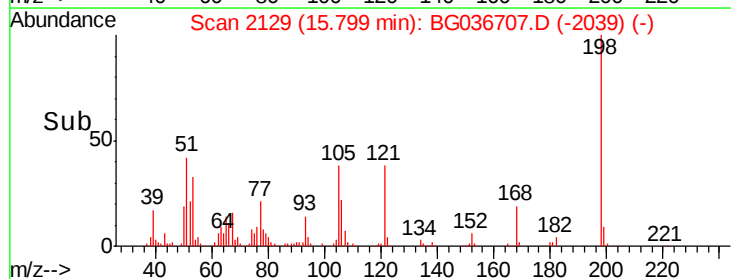
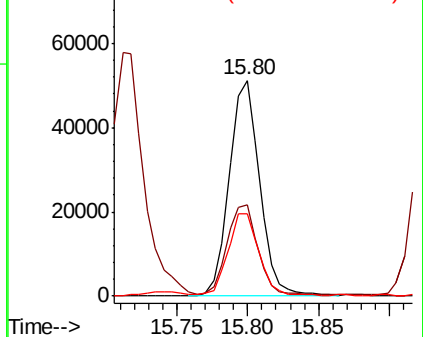
105 38.0 20.2 60.2

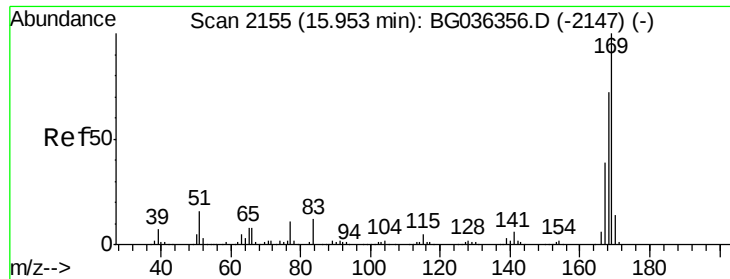


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

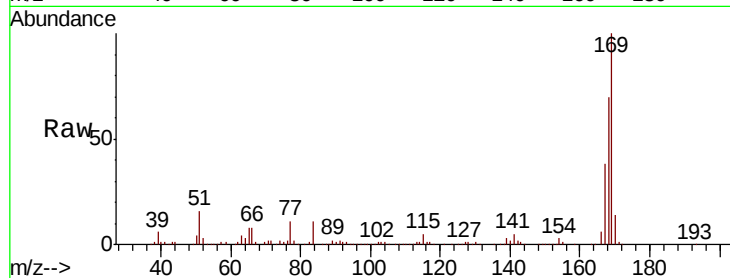




#65
 n-Nitrosodiphenylamine
 Concen: 36.247 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	169	Resp	444655
Ion Ratio	Lower	Upper	
169	100		
168	70.0	57.6	86.4
167	38.1	31.0	46.4

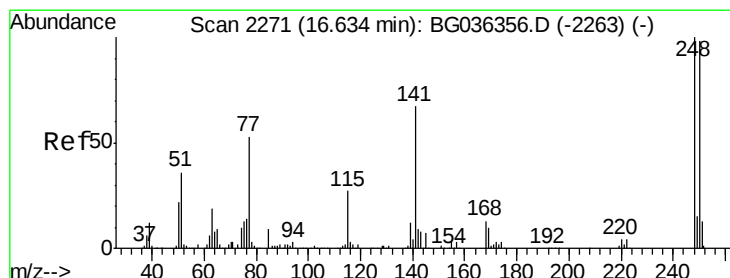
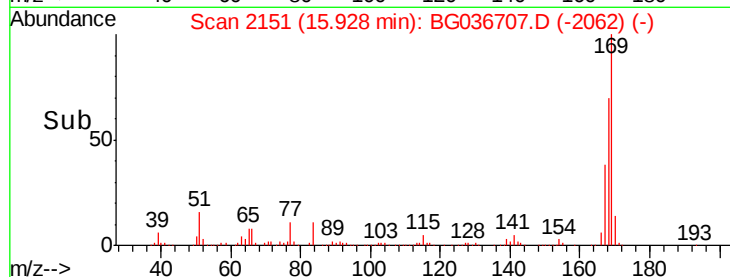
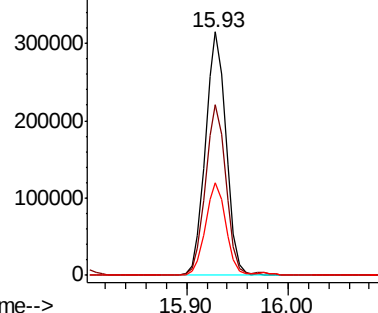


Abundance

Ion 169.00 (168.70 to 169.70): E

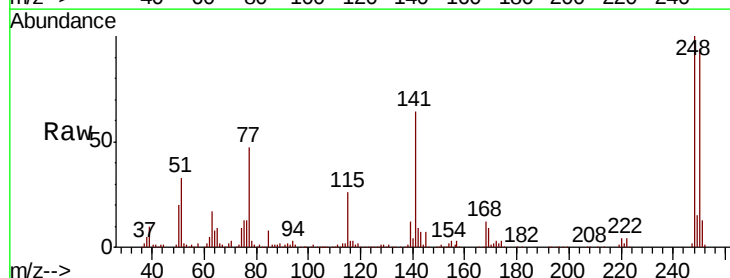
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 36.964 ng
 RT: 16.61 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Tgt Ion	248	Resp	178674
Ion Ratio	Lower	Upper	
248	100		
250	94.0	78.1	117.1
141	64.1	53.7	80.5

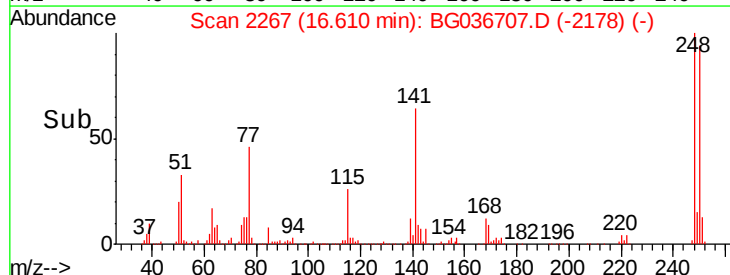
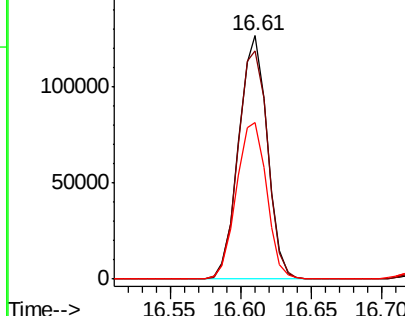


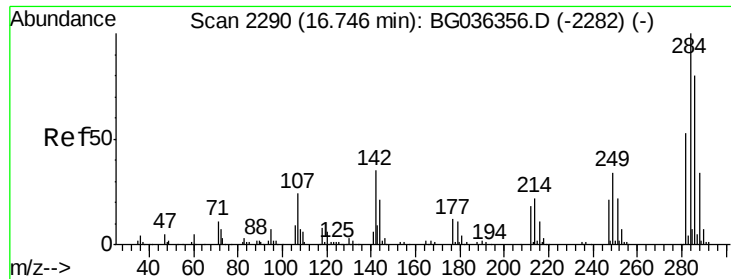
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

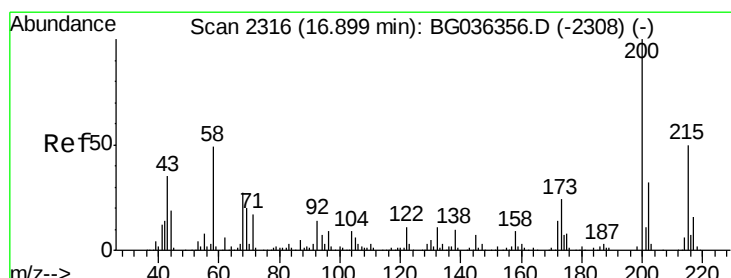
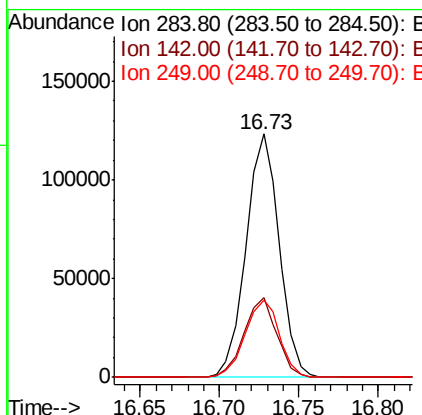
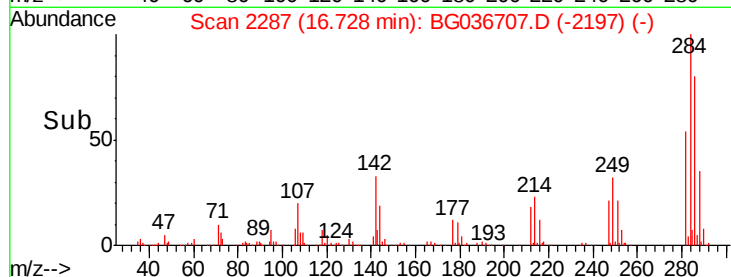
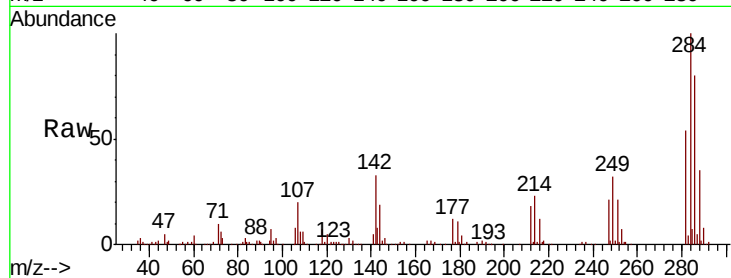




#67
Hexachlorobenzene
Concen: 36.188 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

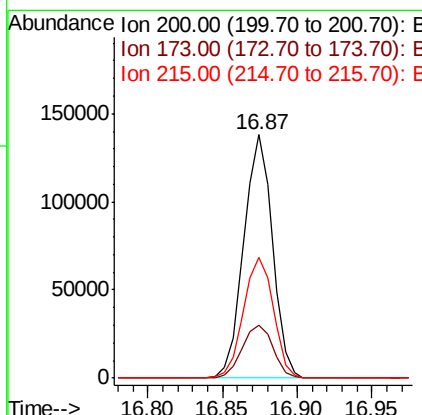
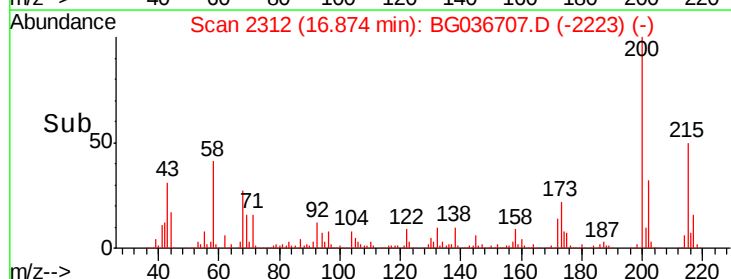
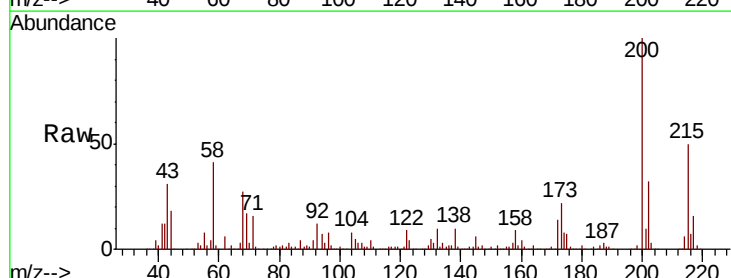
Instrument :
BNA_G
ClientSampleId :

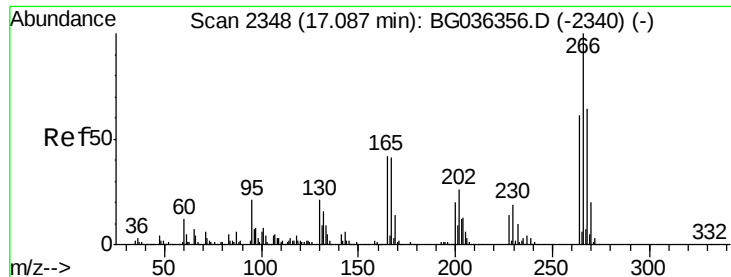
Tot Ion:284 Resp: 178864
Ion Ratio Lower Upper
284 100
142 32.8 27.8 41.6
249 31.7 27.4 41.2



#68
Atrazine
Concen: 39.863 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Tgt Ion:200 Resp: 183551
Ion Ratio Lower Upper
200 100
173 21.5 3.9 43.9
215 49.7 30.4 70.4

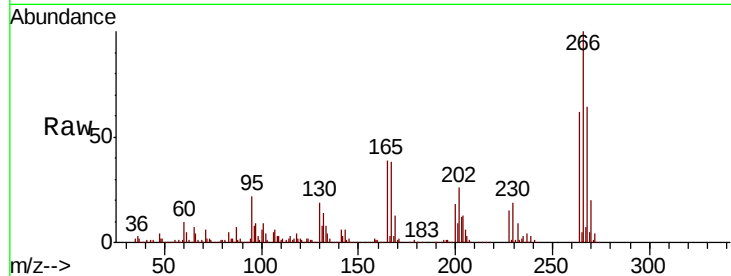




#69
 Pentachlorophenol
 Concen: 61.937 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.4	77.2
264	61.6	48.9	73.3

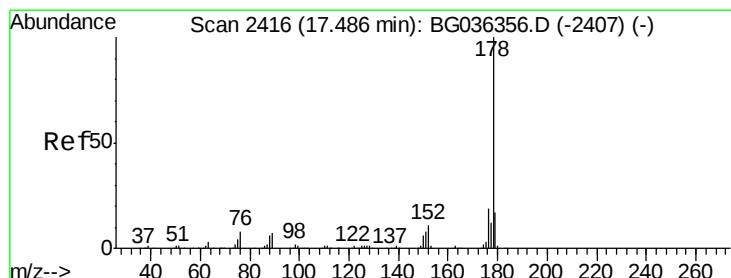
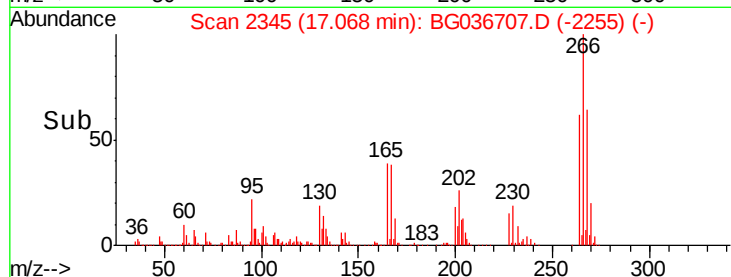
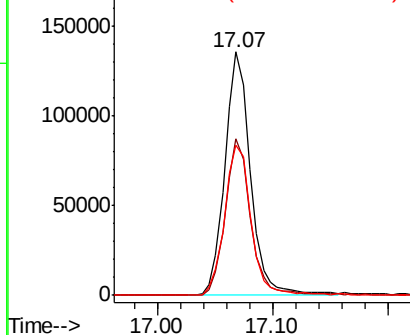


Abundance

Ion 265.70 (265.40 to 266.40): E

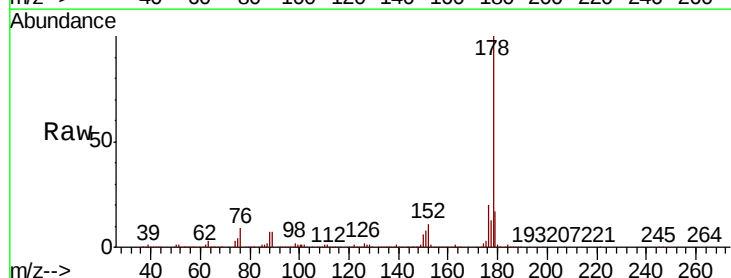
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 36.252 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	16.9	13.4	20.2

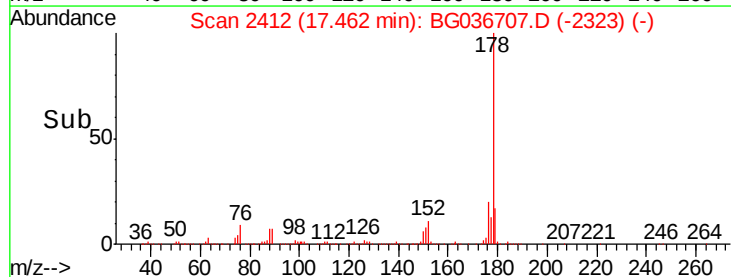
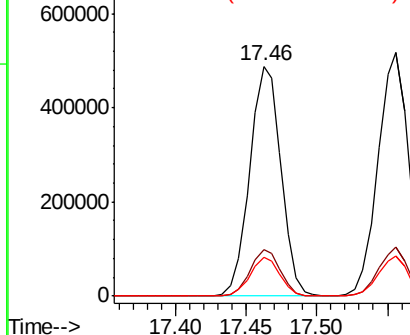


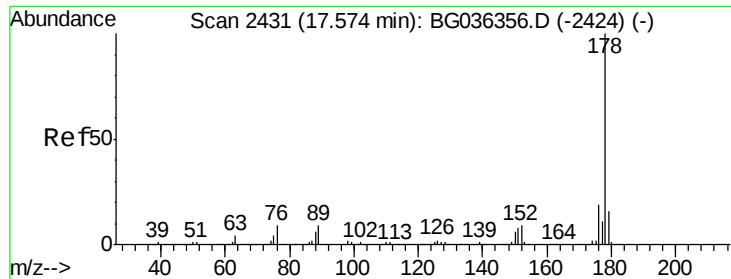
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

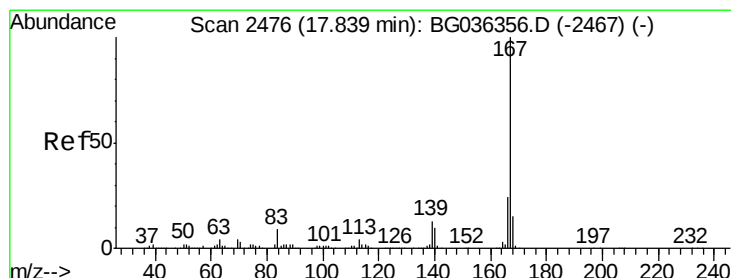
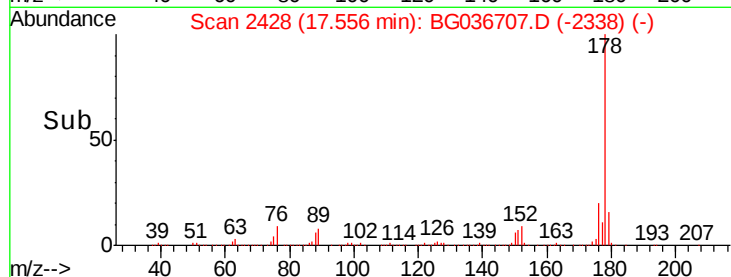
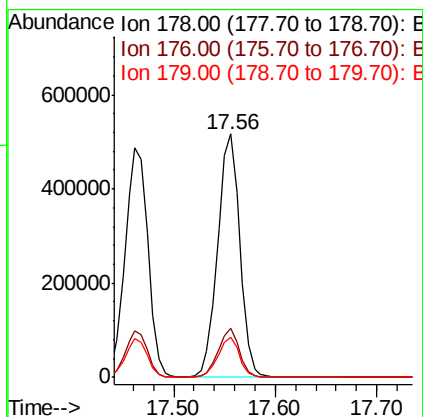
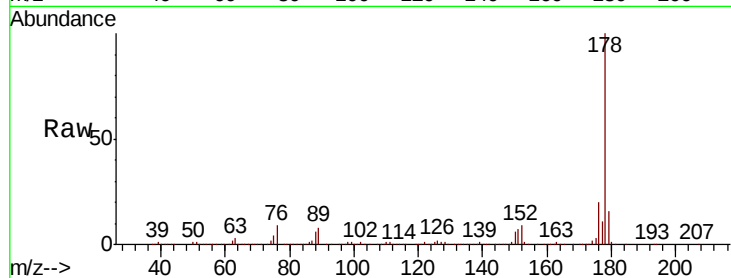




#71
 Anthracene
 Concen: 37.462 ng
 RT: 17.56 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

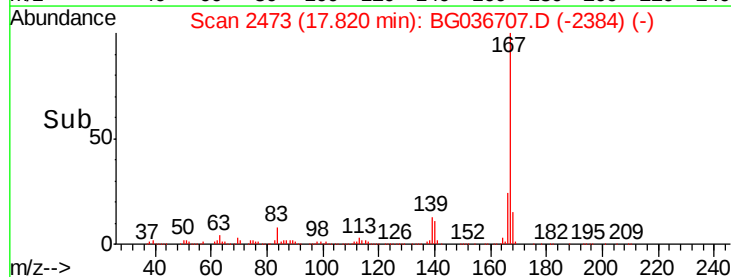
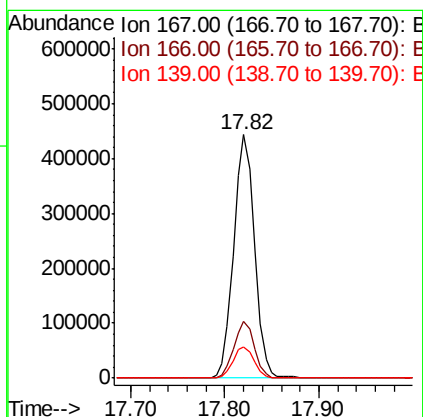
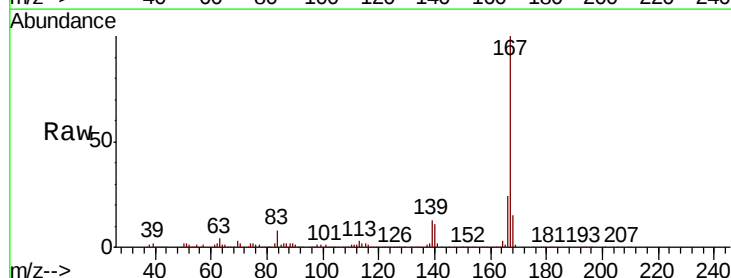
Instrument :
 BNA_G
 ClientSampleId :

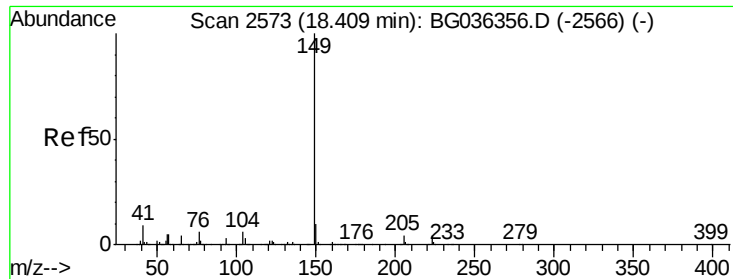
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	16.3	13.0	19.4



#72
 Carbazole
 Concen: 32.751 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.5	29.3
139	13.0	10.7	16.1





#73

Di-n-butylphthalate

Concen: 32.482 ng

RT: 18.38 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BG036707.D

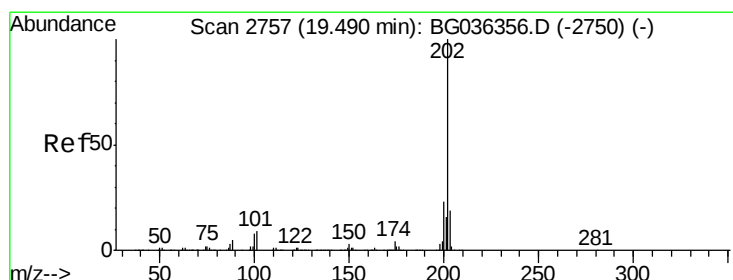
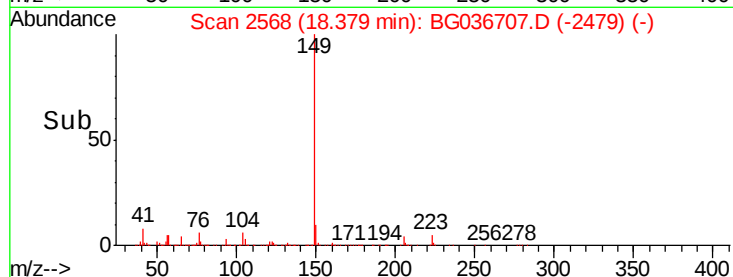
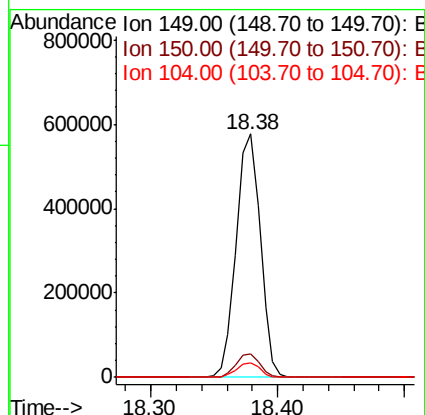
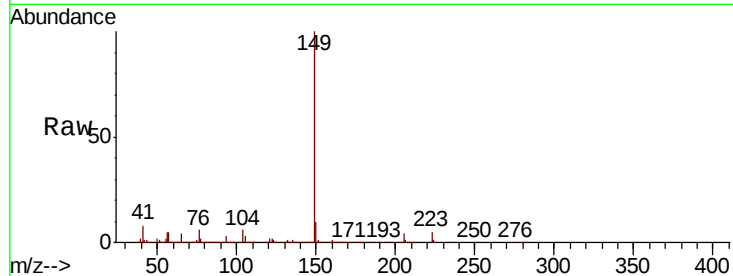
Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:149	Resp:	755403
Ion Ratio	Lower	Upper
149	100	
150	9.6	8.1 12.1
104	6.0	4.6 6.8



#74

Fluoranthene

Concen: 34.072 ng

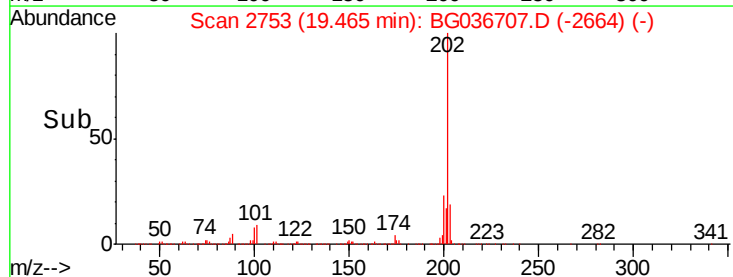
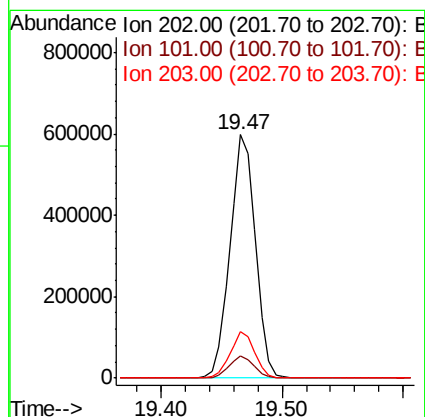
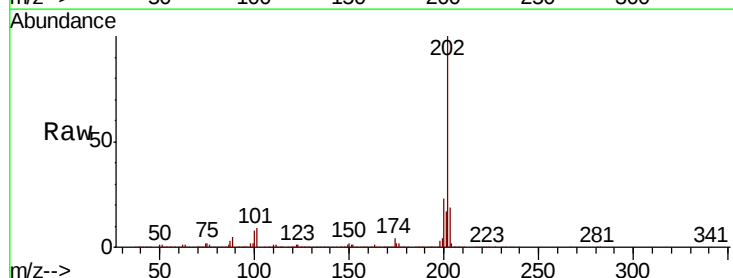
RT: 19.47 min Scan# 2753

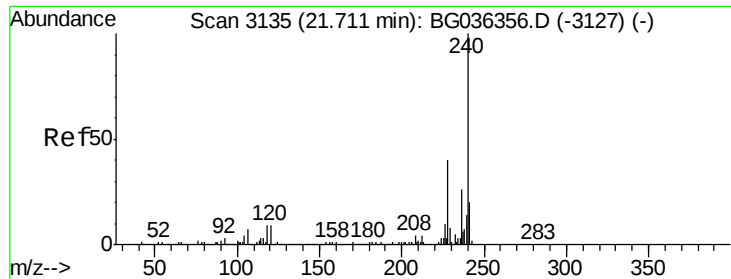
Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Tgt Ion:202	Resp:	871455
Ion Ratio	Lower	Upper
202	100	
101	8.9	0.0 29.4
203	19.1	0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

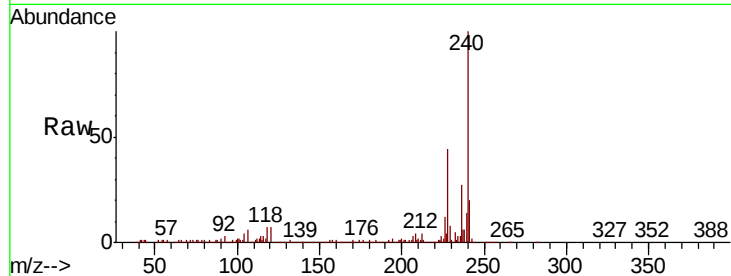
Tot Ion:240 Resp: 390545

Ion Ratio Lower Upper

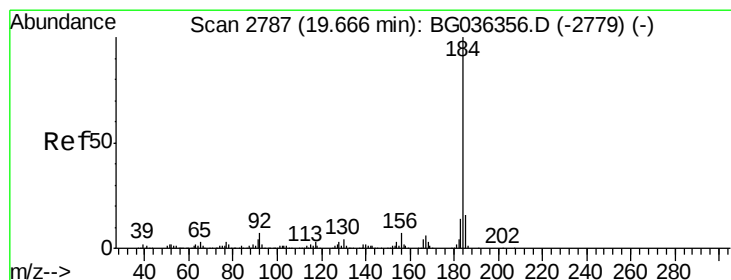
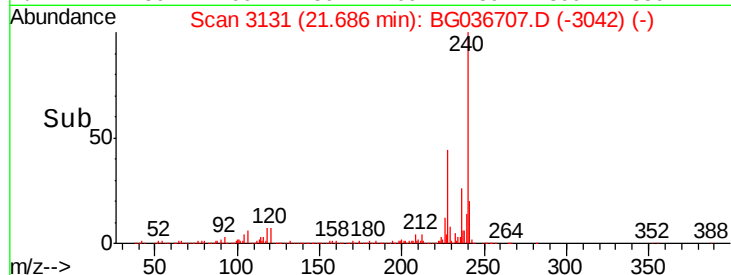
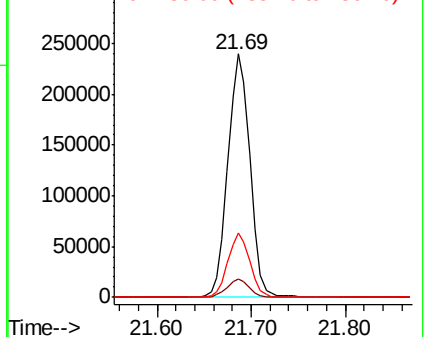
240 100

120 7.5 6.9 10.3

236 26.6 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: 29.350 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

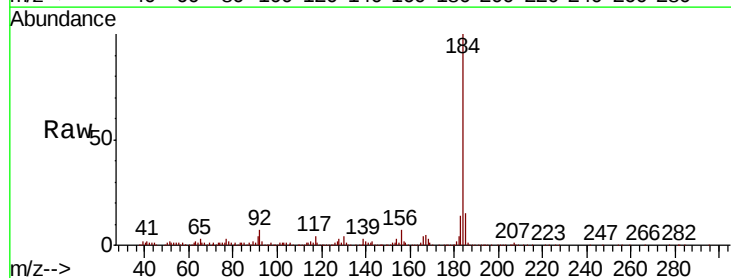
Tgt Ion:184 Resp: 365702

Ion Ratio Lower Upper

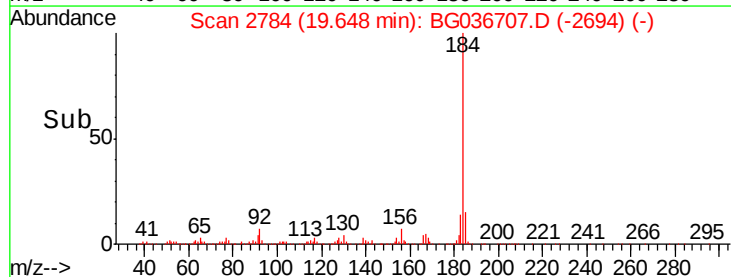
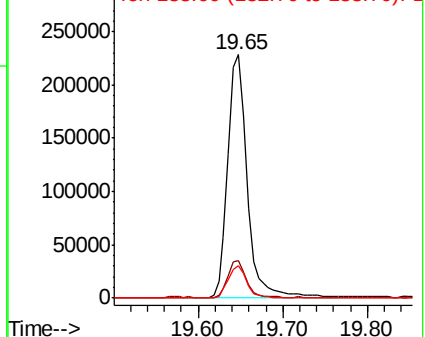
184 100

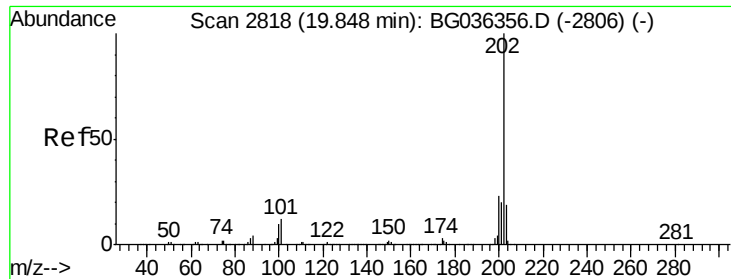
185 15.5 12.6 18.8

183 13.6 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: 35.750 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

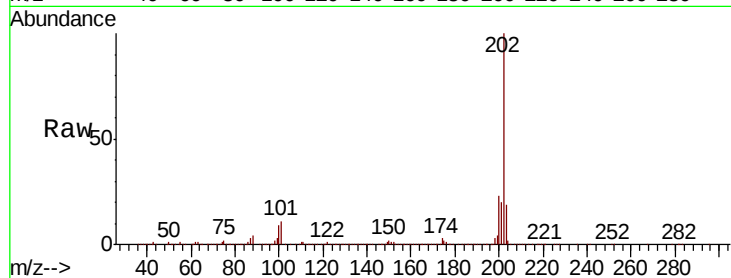
Tot Ion:202 Resp: 858585

Ion Ratio Lower Upper

202 100

200 22.9 18.3 27.5

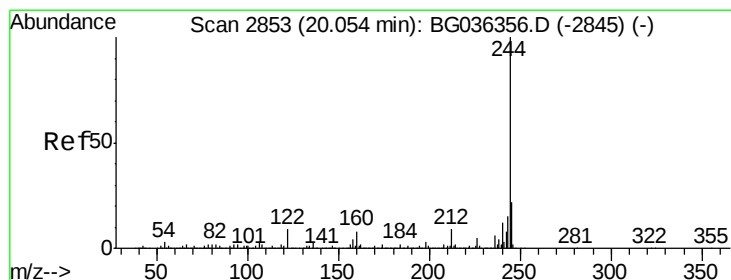
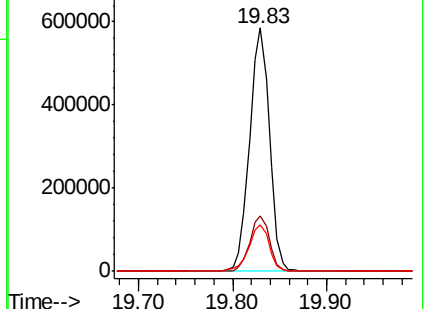
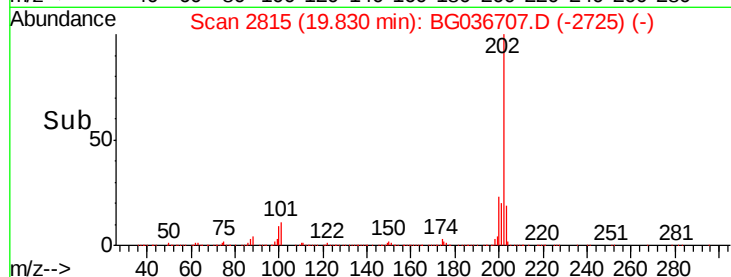
203 18.9 15.1 22.7



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: 66.968 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

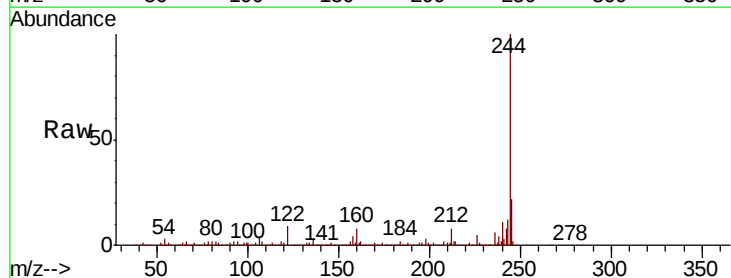
Tgt Ion:244 Resp: 1118958

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

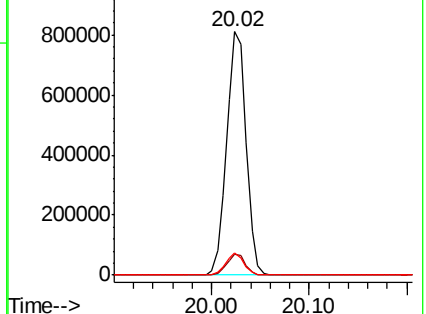
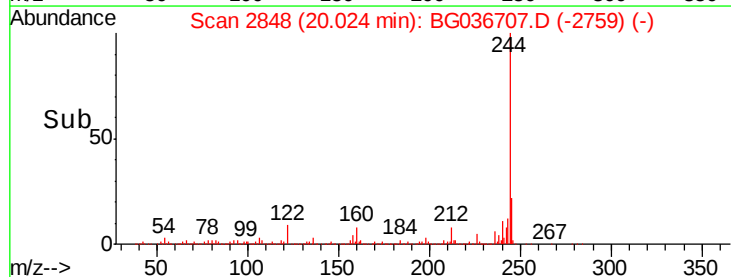
122 9.3 7.1 10.7

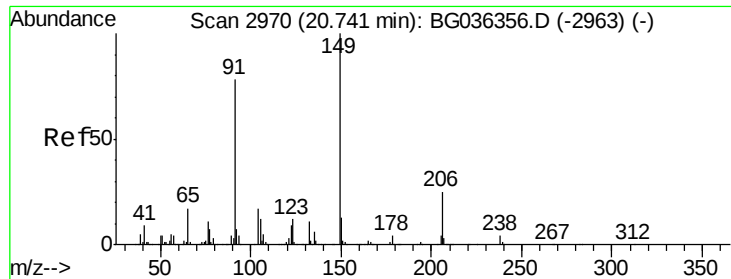


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

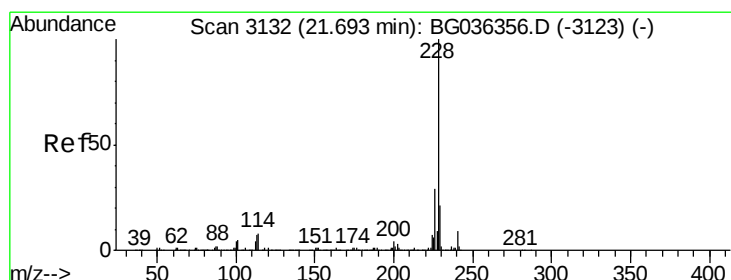
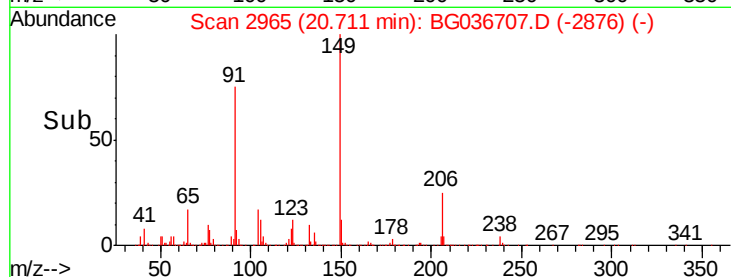
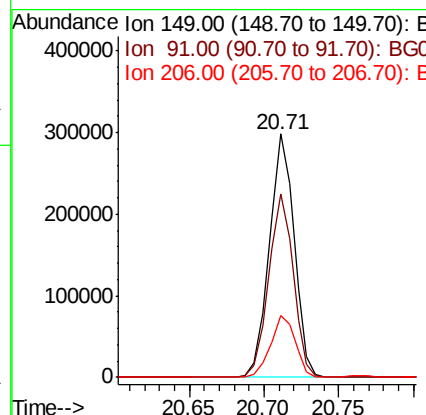
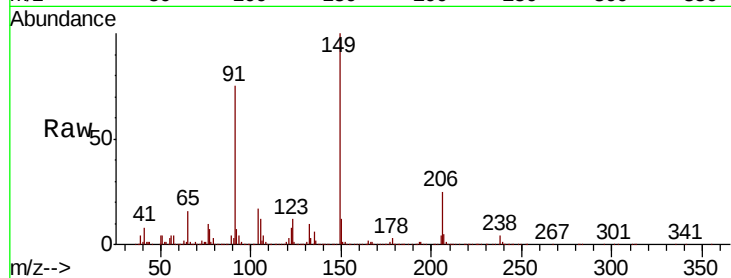




#79
Butylbenzylphthalate
Concen: 35.677 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

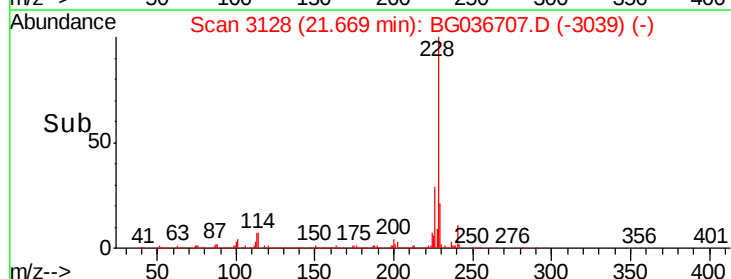
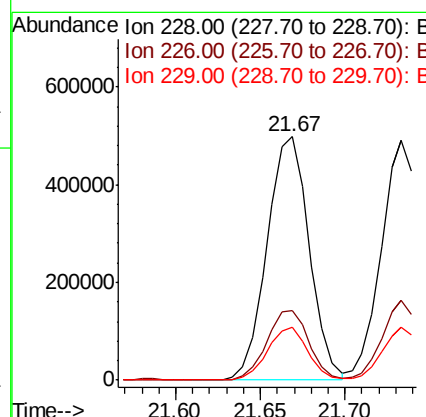
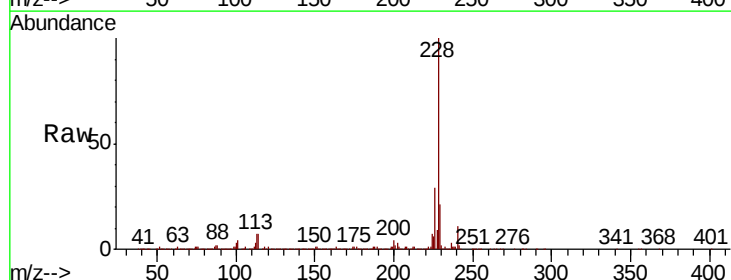
Instrument :
BNA_G
ClientSampleId :

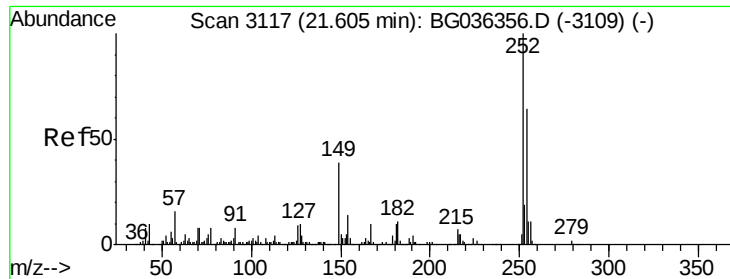
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.4	62.0	93.0
206	25.2	19.6	29.4



#80
Benzo(a)anthracene
Concen: 36.531 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	21.5	17.1	25.7

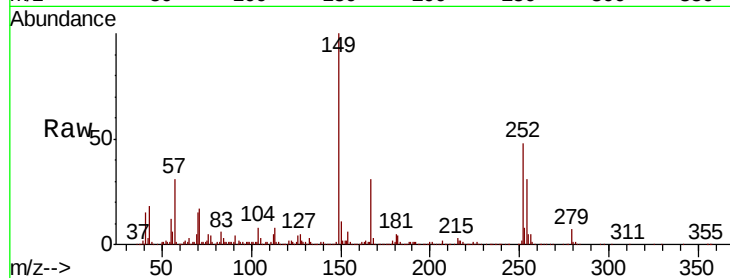




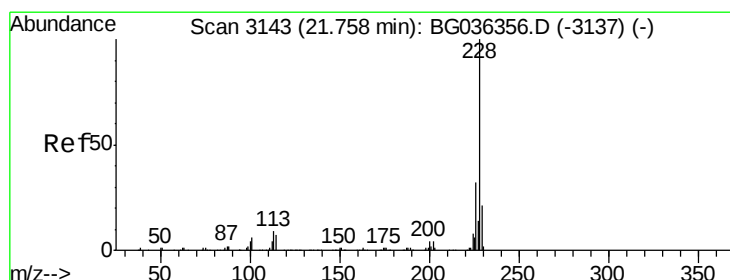
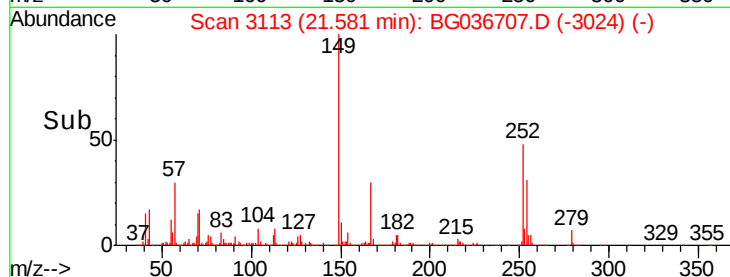
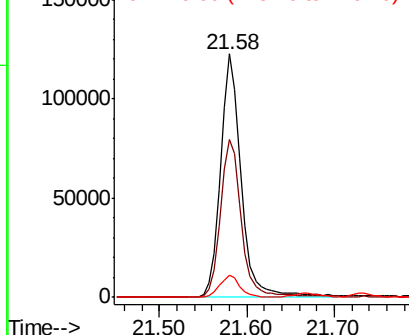
#81
 3,3'-Dichlorobenzidine
 Concen: 21.418 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 201958
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.0 76.4
 126 9.1 7.4 11.0

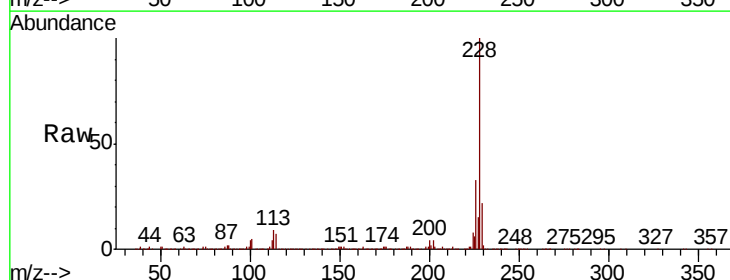


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

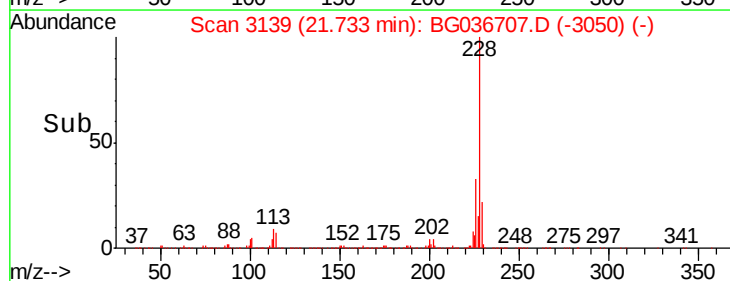
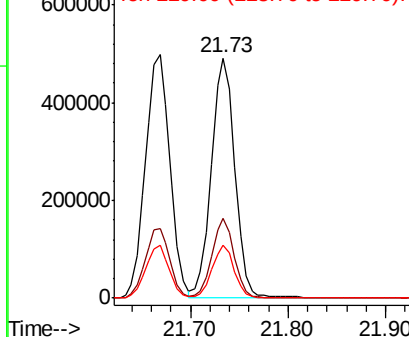


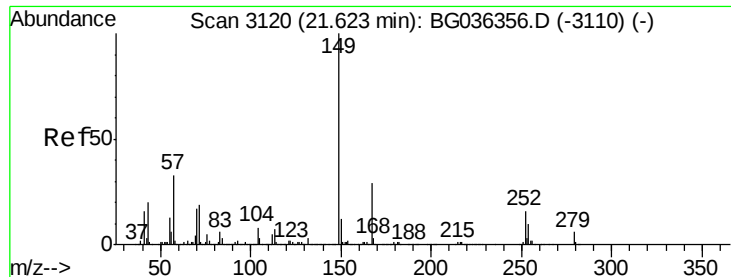
#82
 Chrysene
 Concen: 36.303 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Tgt Ion:228 Resp: 814144
 Ion Ratio Lower Upper
 228 100
 226 33.0 25.5 38.3
 229 21.9 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

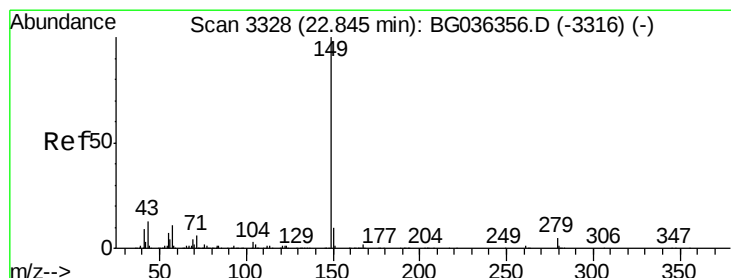
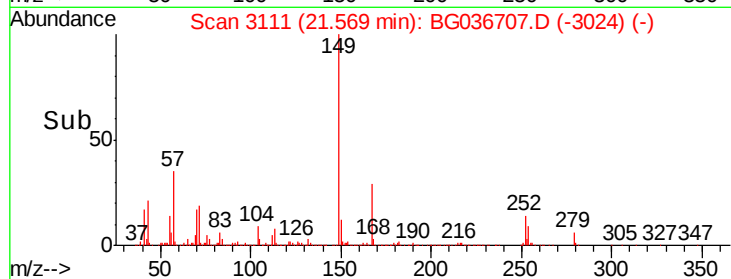
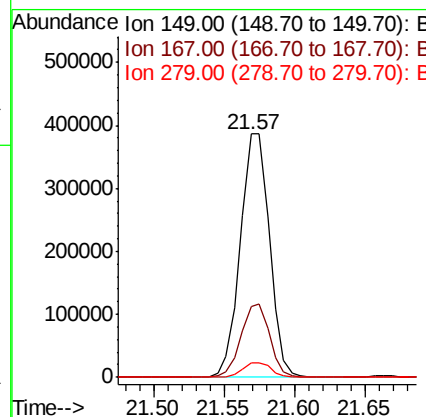
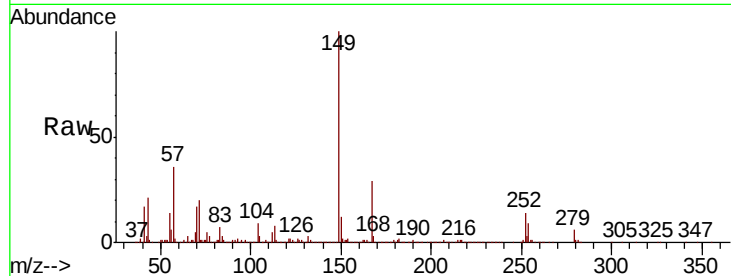




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.510 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

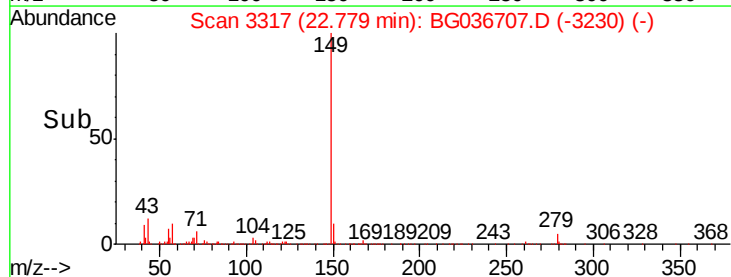
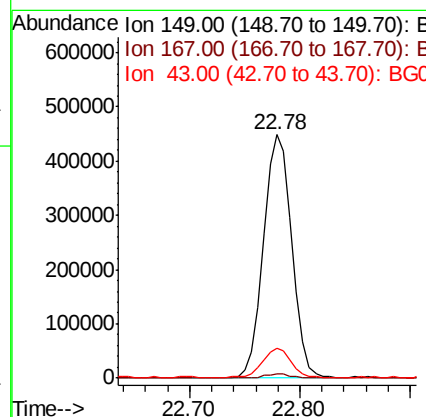
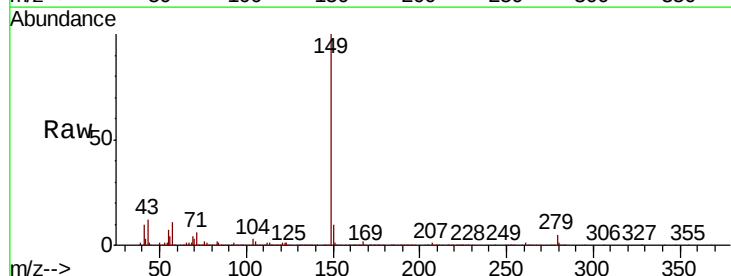
Instrument :
 BNA_G
 ClientSampleId :

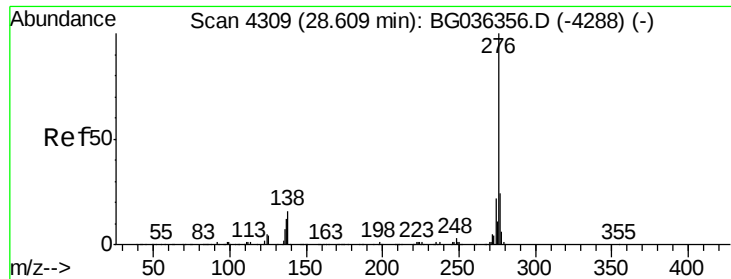
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	5.7	4.6	7.0



#84
 Di-n-octyl phthalate
 Concen: 35.992 ng
 RT: 22.78 min Scan# 3317
 Delta R.T. -0.02 min
 Lab File: BG036707.D
 Acq: 14 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.8	10.0	15.0





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.360 ng

RT: 28.54 min Scan# 4297

Delta R.T. -0.02 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

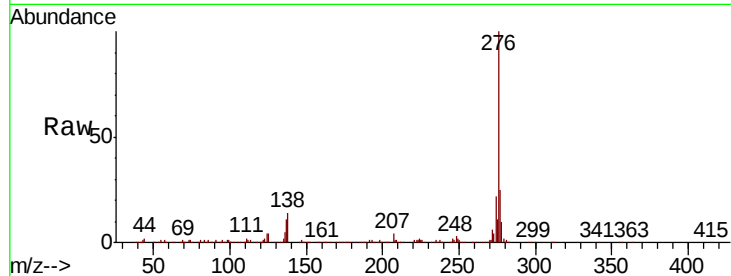
Tot Ion:276 Resp: 921057

Ion Ratio Lower Upper

276 100

138 12.0 10.6 15.8

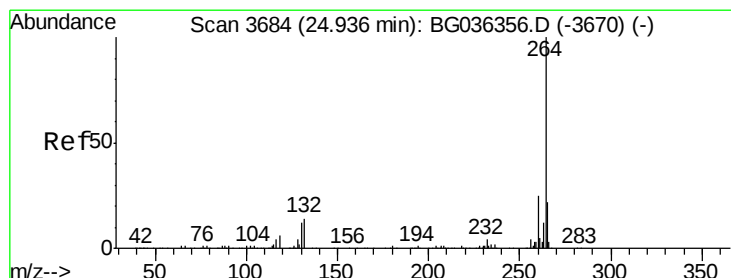
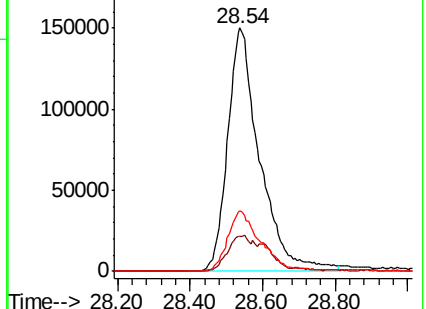
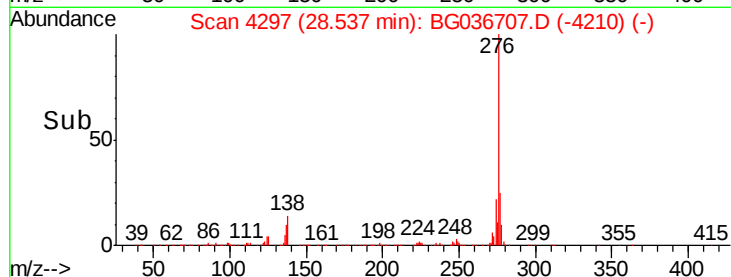
277 24.9 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

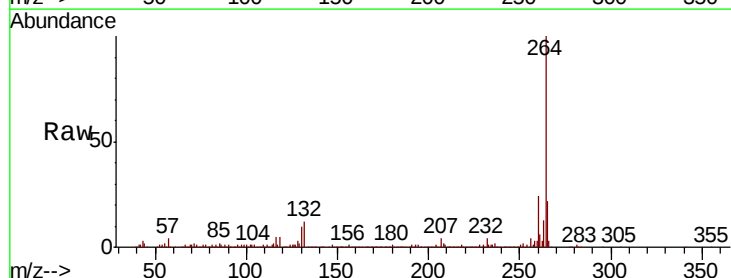
Tgt Ion:264 Resp: 406908

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

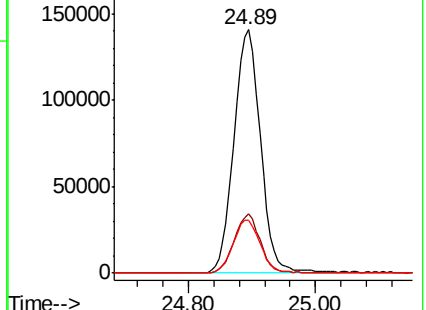
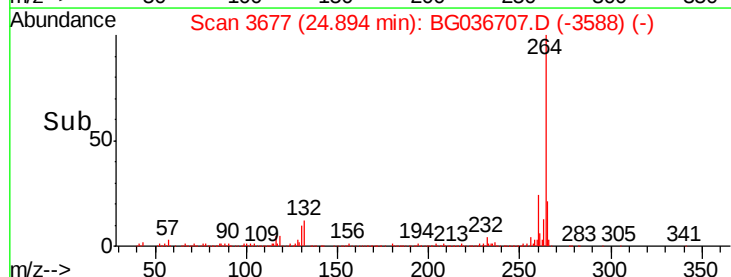
265 21.5 17.4 26.0

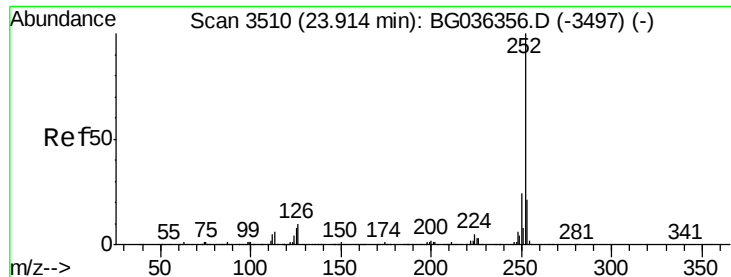


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

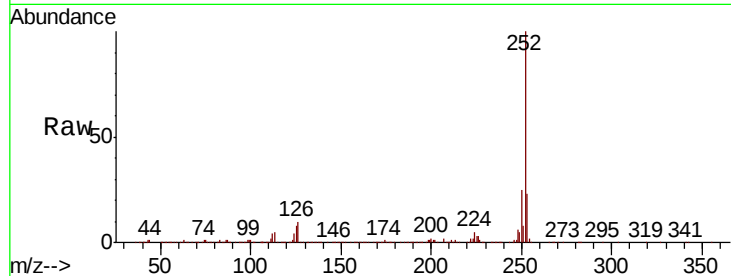




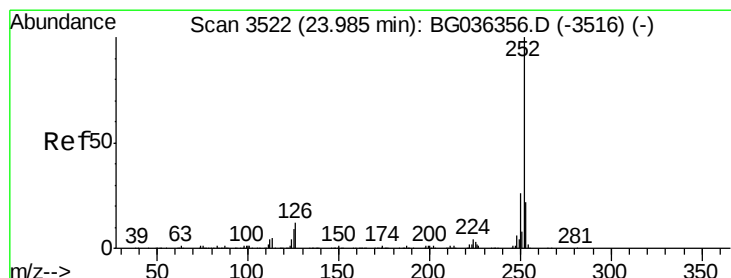
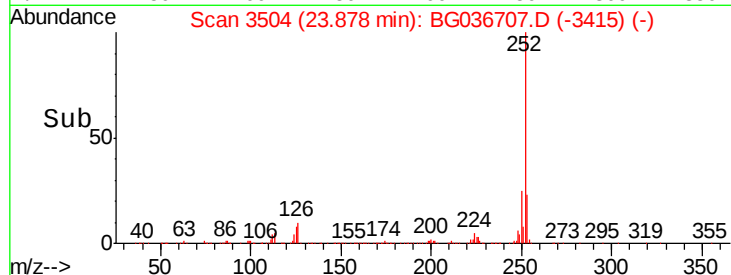
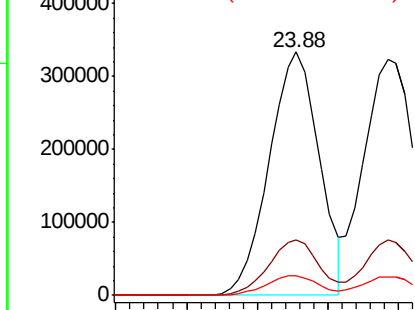
#87
Benzo(b)fluoranthene
Concen: 36.463 ng
RT: 23.88 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 823912
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 8.1 6.6 10.0

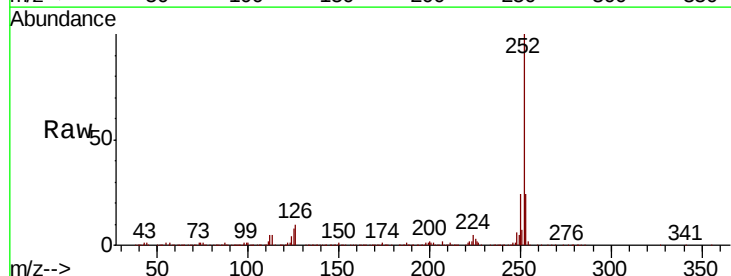


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

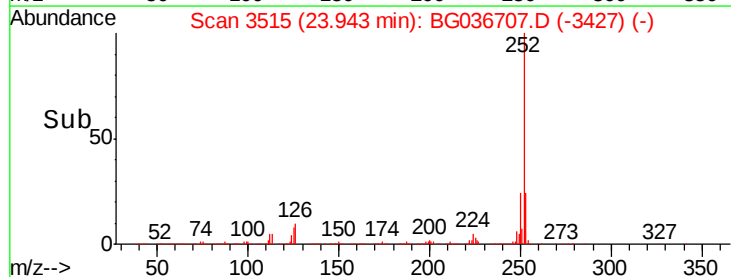
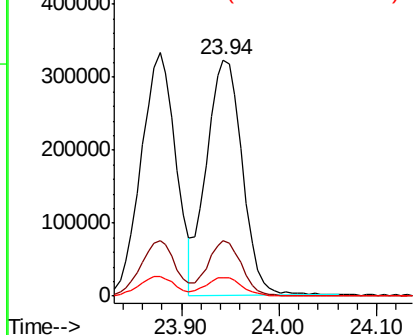


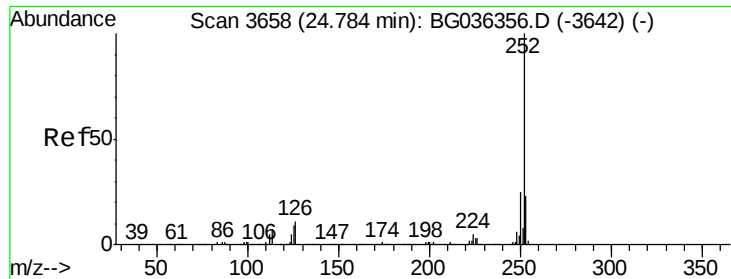
#88
Benzo(k)fluoranthene
Concen: 37.074 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG036707.D
Acq: 14 Sep 2018 14:33

Tgt Ion:252 Resp: 818411
Ion Ratio Lower Upper
252 100
253 23.6 18.0 27.0
125 7.8 7.0 10.6



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





#89

Benzo(a)pyrene

Concen: 37.252 ng

RT: 24.75 min Scan# 3652

Delta R.T. -0.01 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

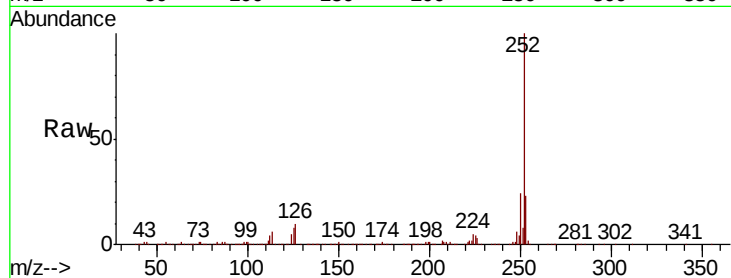
Tot Ion:252 Resp: 808854

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

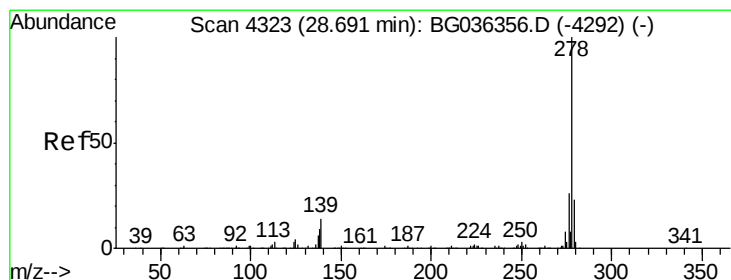
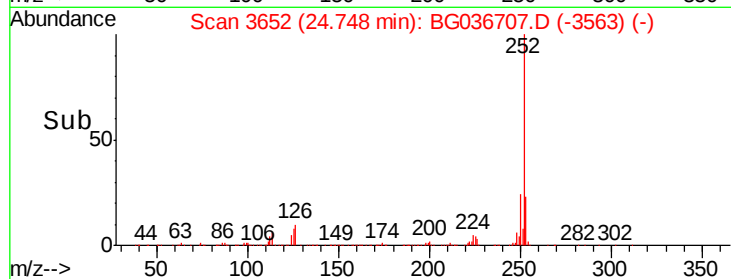
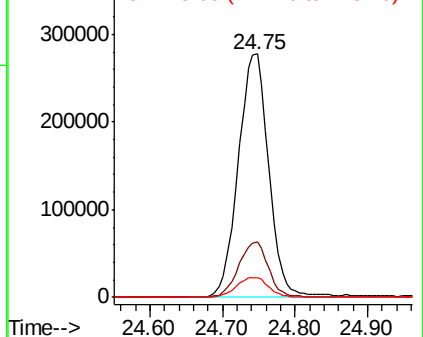
125 8.2 7.3 10.9



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: 34.920 ng

RT: 28.60 min Scan# 4308

Delta R.T. -0.03 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

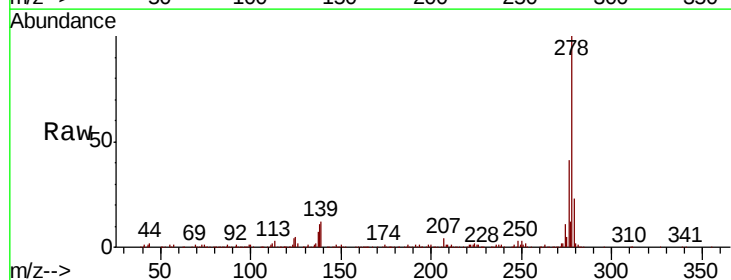
Tgt Ion:278 Resp: 731965

Ion Ratio Lower Upper

278 100

139 11.6 11.0 16.4

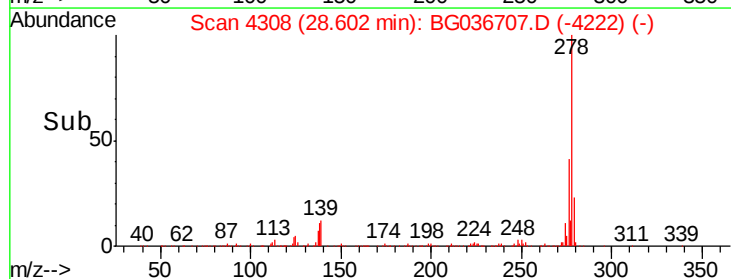
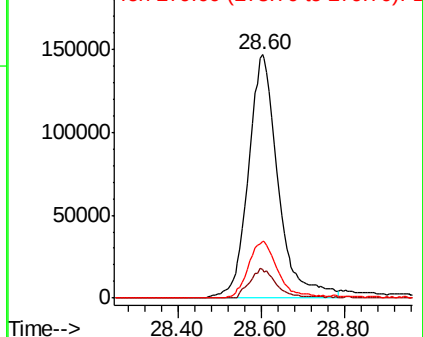
279 23.3 18.7 28.1

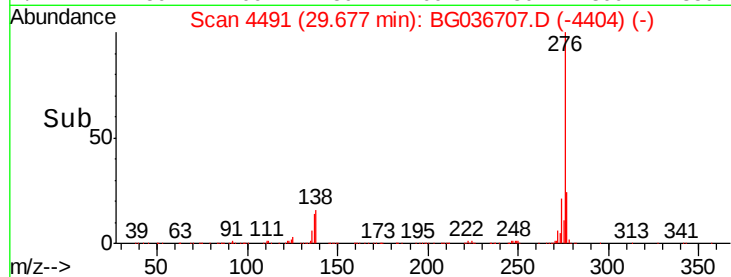
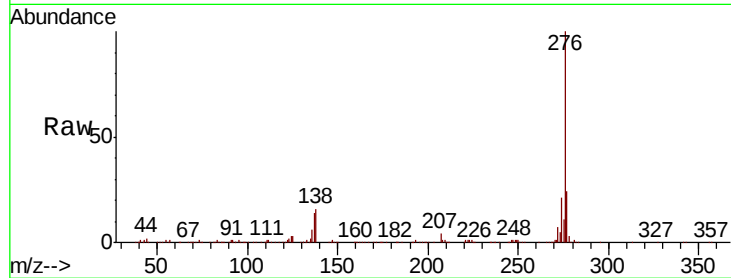
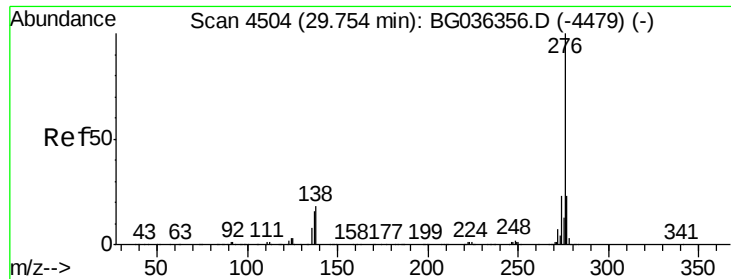


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.084 ng

RT: 29.68 min Scan# 4491

Delta R.T. -0.02 min

Lab File: BG036707.D

Acq: 14 Sep 2018 14:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 739033

Ion Ratio Lower Upper

276 100

277 23.7 18.4 27.6

138 15.9 14.6 22.0

