

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037472.D
 Acq On : 20 Oct 2018 4:59
 Operator : JU/SJ
 Sample : PB113548BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Quant Time: Oct 20 06:04:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	54004	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	233296	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	155161	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	388097	20.00	ng	0.00
76) Chrysene-d12	21.77	240	352372	20.00	ng	0.00
87) Perylene-d12	25.11	264	371947	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	316318	97.93	ng	0.00
7) Phenol-d6	7.25	99	450371	92.21	ng	0.00
23) Nitrobenzene-d5	9.29	82	370068	88.86	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	159276	94.12	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	877270	85.26	ng	0.00
79) Terphenyl-d14	20.09	244	1409780	85.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	44136	26.943	ng	97
3) Pyridine	3.93	79	133257	32.275	ng	96
4) n-Nitrosodimethylamine	3.85	42	62795	42.700	ng	# 93
6) Aniline	7.43	93	203135	34.090	ng	96
8) 2-Chlorophenol	7.67	128	165776	43.870	ng	100
9) Benzaldehyde	7.25	77	60952	19.949	ng	91
10) Phenol	7.28	94	225477	43.751	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	147857	37.775	ng	96
12) 1,3-Dichlorobenzene	7.99	146	157067	37.336	ng	96
13) 1,4-Dichlorobenzene	8.14	146	158850	36.914	ng	99
14) 1,2-Dichlorobenzene	8.46	146	154478	37.318	ng	96
15) Benzyl Alcohol	8.35	79	149243	41.352	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	268849	38.387	ng	97
17) 2-Methylphenol	8.54	107	151384	44.431	ng	98
18) Hexachloroethane	9.19	117	55973	38.153	ng	89
19) n-Nitroso-di-n-propylamine	8.91	70	125660	37.360	ng	93
20) 3+4-Methylphenols	8.87	107	210141	43.139	ng	99
22) Acetophenone	8.94	105	239307	40.900	ng	# 98
24) Nitrobenzene	9.33	77	182784	42.249	ng	96
25) Isophorone	9.85	82	354998	46.653	ng	98
26) 2-Nitrophenol	10.04	139	84234	43.219	ng	96
27) 2,4-Dimethylphenol	10.08	122	177254	50.937	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	221471	44.423	ng	99
29) 2,4-Dichlorophenol	10.57	162	179295	46.275	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	165406	39.257	ng	100
31) Naphthalene	10.98	128	500220	43.653	ng	99
32) Benzoic acid	10.20	122	113628	50.273	ng	98
33) 4-Chloroaniline	11.09	127	152857	28.391	ng	98
34) Hexachlorobutadiene	11.24	225	95836	38.377	ng	97
35) Caprolactam	11.87	113	44169	28.424	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	197271	45.146	ng	98
37) 2-Methylnaphthalene	12.58	142	388458	46.505	ng	99
38) 1-Methylnaphthalene	12.79	142	366331	45.159	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	198179	39.598	ng	98

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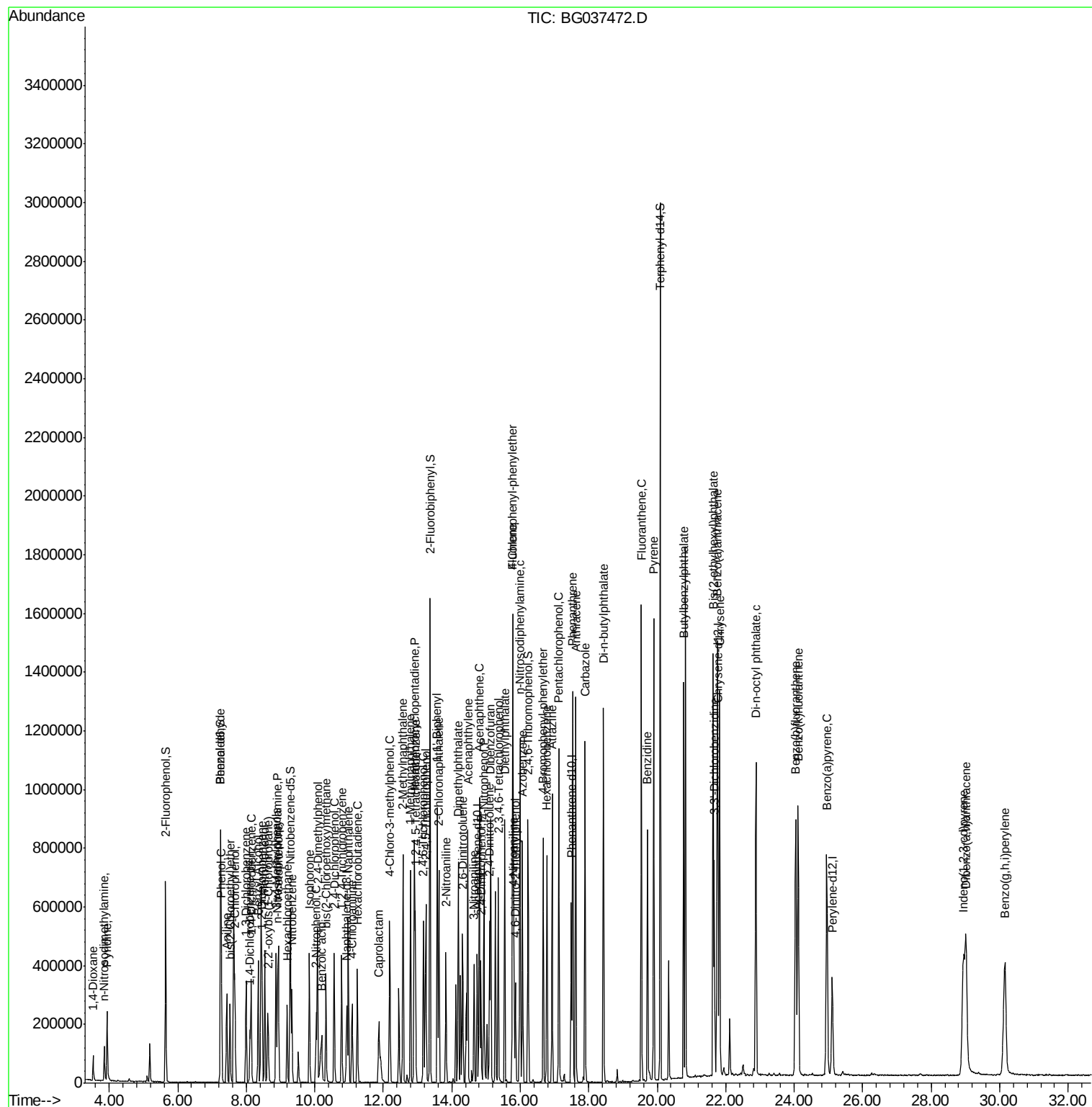
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	239931	100.362	ng	96
43) 2,4,6-Trichlorophenol	13.17	196	150275	44.944	ng	96
44) 2,4,5-Trichlorophenol	13.25	196	165576	45.483	ng	96
46) 1,1'-Biphenyl	13.58	154	506172	39.391	ng	99
47) 2-Chloronaphthalene	13.62	162	391719	40.294	ng	99
48) 2-Nitroaniline	13.83	65	134892	45.756	ng	94
49) Acenaphthylene	14.47	152	667544	45.647	ng	99
50) Dimethylphthalate	14.19	163	534172	44.501	ng	100
51) 2,6-Dinitrotoluene	14.32	165	119589	45.036	ng	93
52) Acenaphthene	14.80	154	386661	42.932	ng	96
53) 3-Nitroaniline	14.65	138	106118	35.998	ng	# 99
54) 2,4-Dinitrophenol	14.85	184	103702	84.705	ng	91
55) Dibenzofuran	15.14	168	627991	42.085	ng	100
56) 4-Nitrophenol	14.94	139	215069	98.564	ng	98
57) 2,4-Dinitrotoluene	15.10	165	171272	49.136	ng	96
58) Fluorene	15.79	166	512707	45.882	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	147564	47.343	ng	99
60) Diethylphthalate	15.54	149	547645	44.439	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	265674	40.790	ng	99
62) 4-Nitroaniline	15.81	138	136980	46.763	ng	93
63) Azobenzene	16.07	77	517911	44.047	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	84535	42.659	ng	94
66) n-Nitrosodiphenylamine	15.99	169	474529	40.648	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	171911	40.336	ng	98
68) Hexachlorobenzene	16.78	284	171558	38.839	ng	99
69) Atrazine	16.93	200	185598	43.973	ng	99
70) Pentachlorophenol	17.12	266	219076	74.044	ng	98
71) Phenanthrene	17.53	178	865726	43.891	ng	99
72) Anthracene	17.62	178	878700	45.395	ng	98
73) Carbazole	17.89	167	818425	42.269	ng	100
74) Di-n-butylphthalate	18.43	149	971942	45.125	ng	100
75) Fluoranthene	19.53	202	1041848	46.571	ng	98
77) Benzidine	19.72	184	531952	44.398	ng	98
78) Pyrene	19.90	202	1031461	44.778	ng	100
80) Butylbenzylphthalate	20.77	149	435810	46.228	ng	95
81) Benzo(a)anthracene	21.75	228	963401	46.223	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	273443	33.847	ng	97
83) Chrysene	21.83	228	889369	44.376	ng	100
84) Bis(2-ethylhexyl)phthalate	21.63	149	605018	45.785	ng	99
85) Di-n-octyl phthalate	22.88	149	1022379	47.446	ng	98
86) Indeno(1,2,3-cd)pyrene	28.94	276	992114	46.154	ng	98
88) Benzo(b)fluoranthene	24.05	252	955870	46.876	ng	98
89) Benzo(k)fluoranthene	24.12	252	894440	44.771	ng	97
90) Benzo(a)pyrene	24.95	252	899353	46.414	ng	99
91) Dibenzo(a,h)anthracene	29.02	278	808877	45.256	ng	98
92) Benzo(g,h,i)perylene	30.15	276	821685	45.440	ng	100

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

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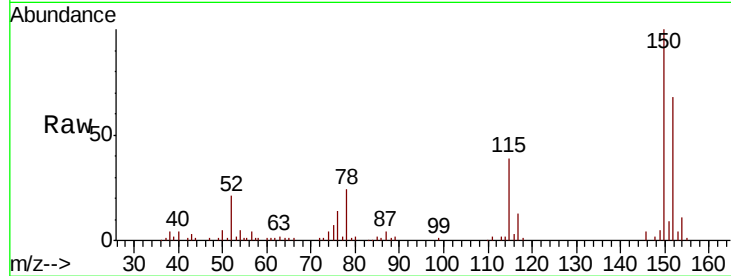


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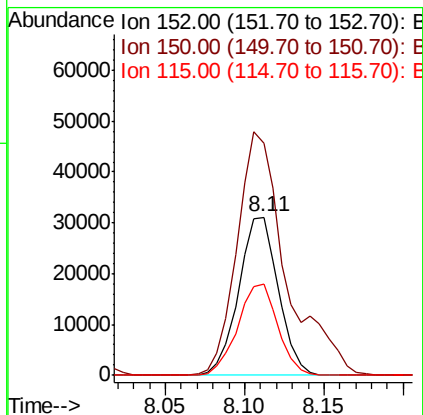
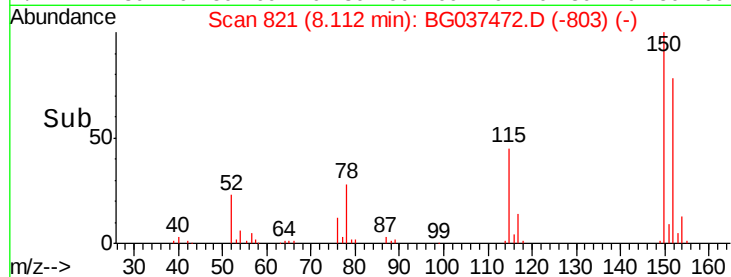
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion:152 Resp: 54004
Ion Ratio Lower Upper
152 100
150 146.6 126.0 189.0
115 57.3 45.5 68.3



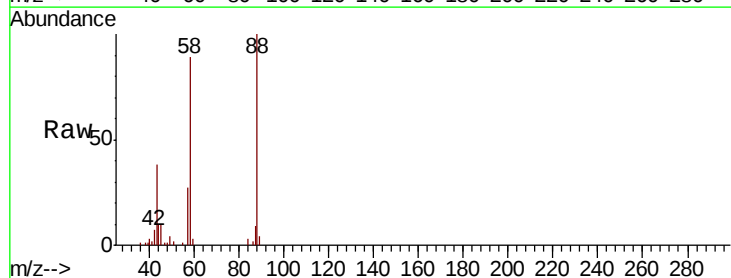
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



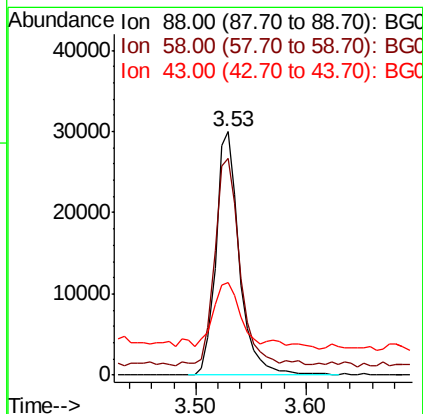
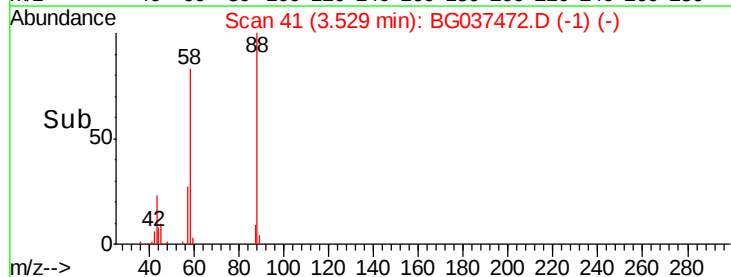
#2

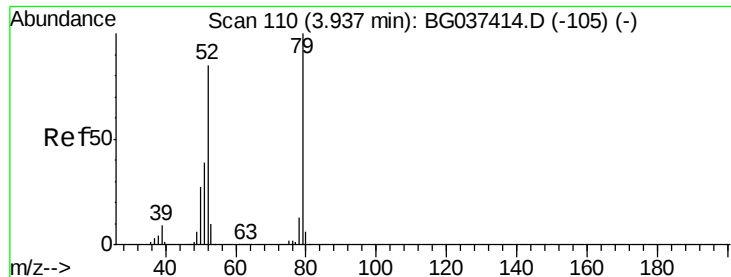
1,4-Dioxane
Concen: 26.943 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion: 88 Resp: 44136
Ion Ratio Lower Upper
88 100
58 90.7 74.4 111.6
43 29.0 25.8 38.8



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





#3

Pyridine

Concen: 32.275 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

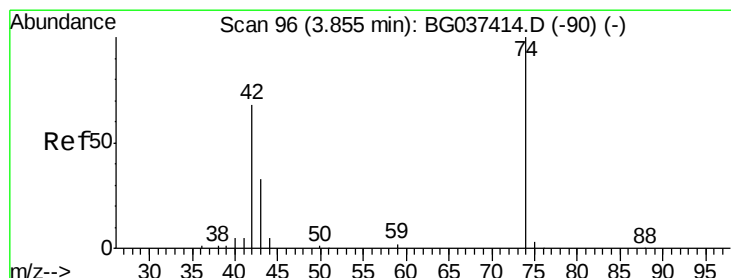
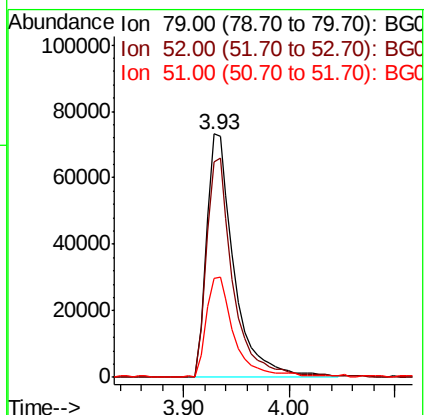
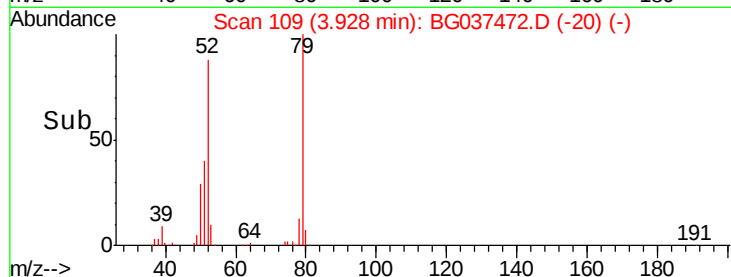
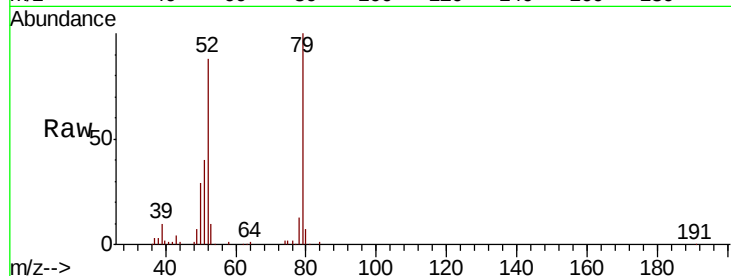
Tgt Ion: 79 Resp: 133257

Ion Ratio Lower Upper

79 100

52 88.5 74.2 111.2

51 40.5 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 42.700 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

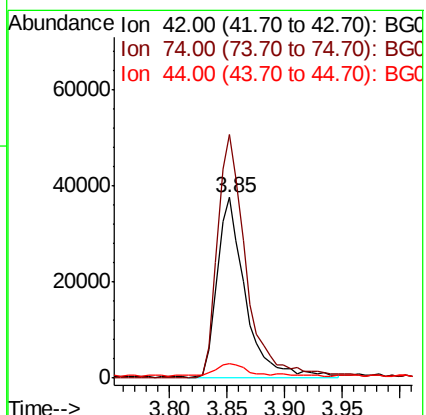
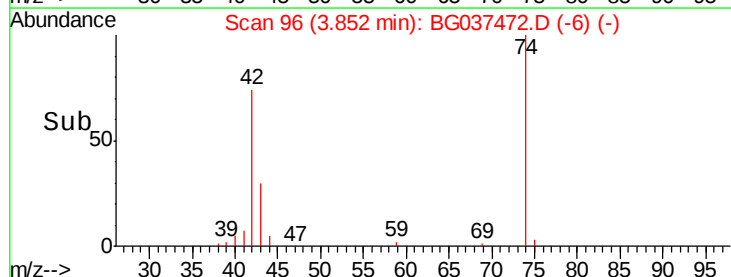
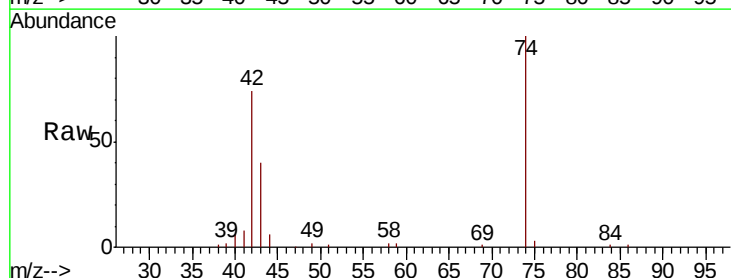
Tgt Ion: 42 Resp: 62795

Ion Ratio Lower Upper

42 100

74 135.0 102.0 153.0

44 8.4 9.6 14.4#





#5

2-Fluorophenol

Concen: 97.926 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

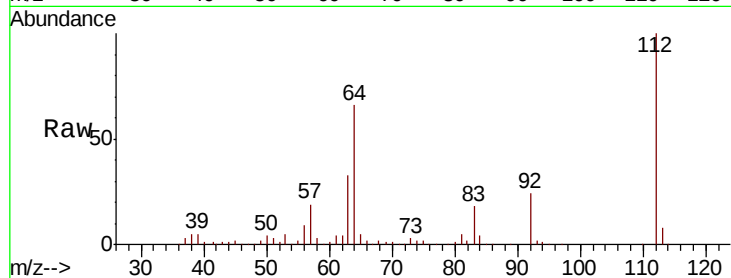
Tgt Ion: 112 Resp: 316318

Ion Ratio Lower Upper

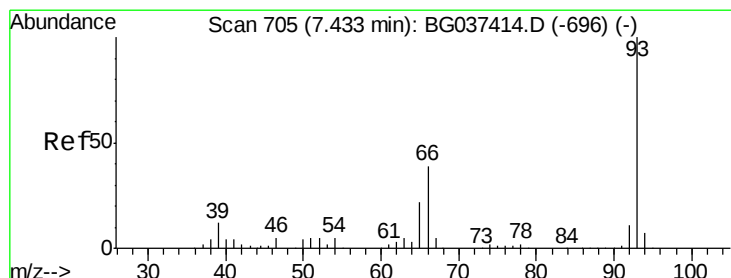
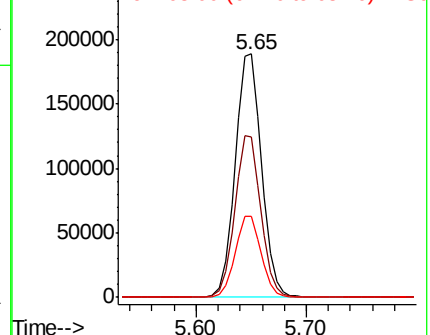
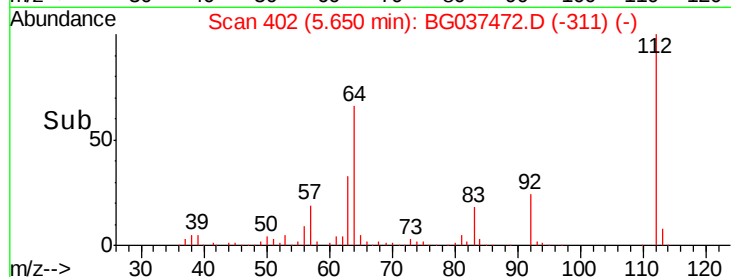
112 100

64 65.7 53.1 79.7

63 33.3 27.3 40.9



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: 34.090 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

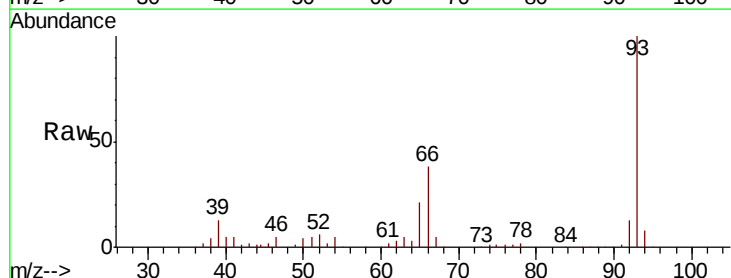
Tgt Ion: 93 Resp: 203135

Ion Ratio Lower Upper

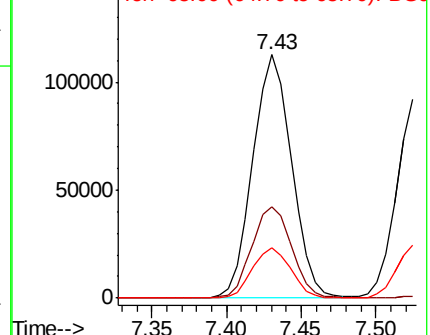
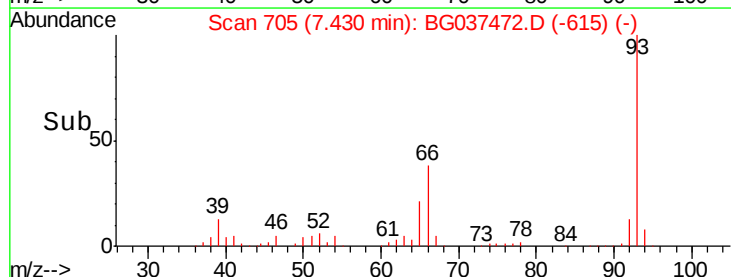
93 100

66 37.7 32.8 49.2

65 20.8 16.4 24.6



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: 92.205 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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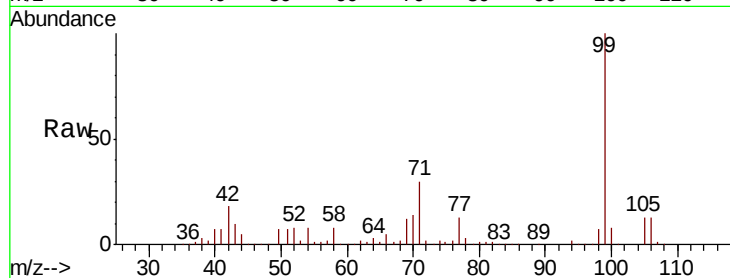
Tgt Ion: 99 Resp: 450371

Ion Ratio Lower Upper

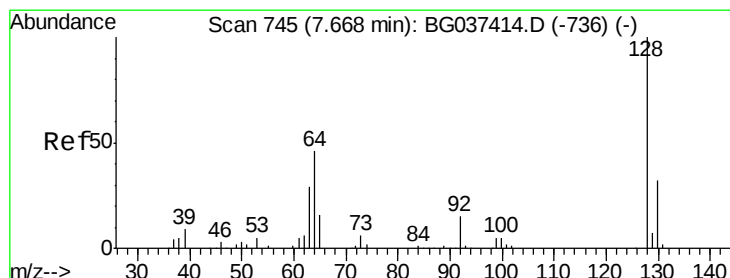
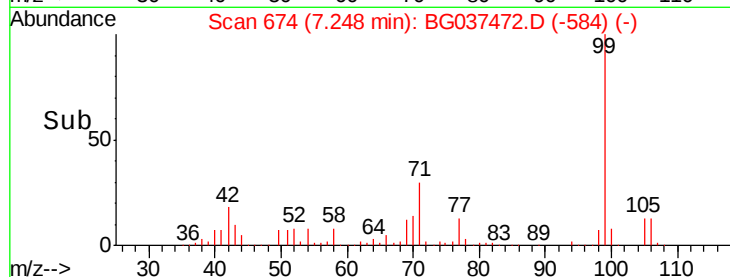
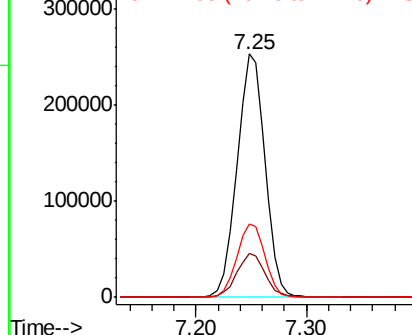
99 100

42 17.9 15.0 22.4

71 30.1 25.5 38.3



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



#8

2-Chlorophenol

Concen: 43.870 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037472.D

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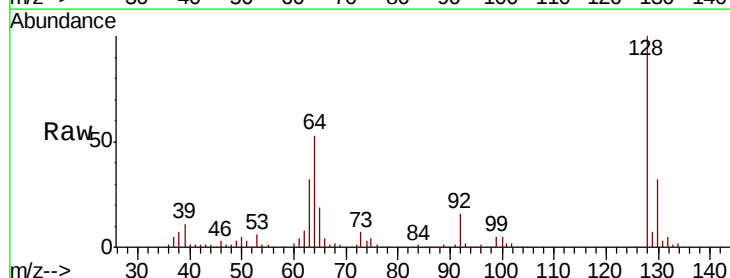
Tgt Ion: 128 Resp: 165776

Ion Ratio Lower Upper

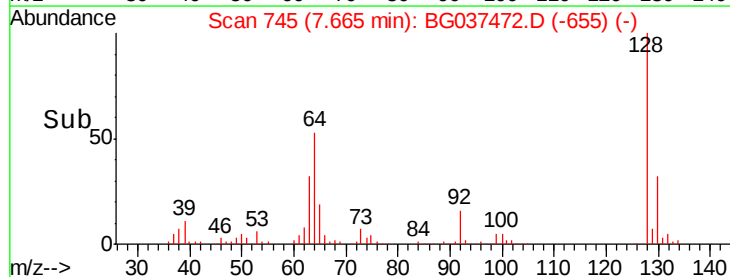
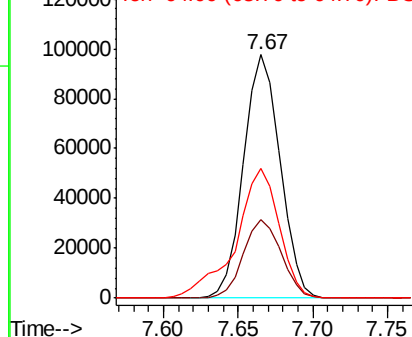
128 100

130 32.0 12.0 52.0

64 53.1 32.9 72.9



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





#9

Benzaldehyde

Concen: 19.949 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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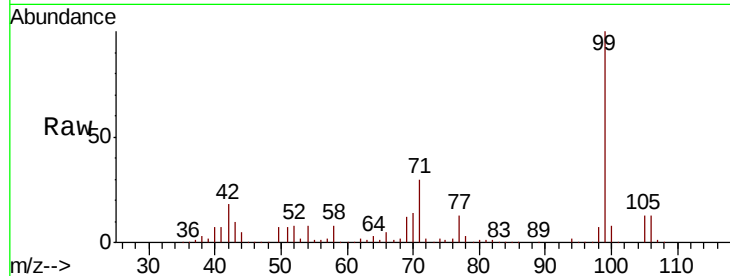
Tgt Ion: 77 Resp: 60952

Ion Ratio Lower Upper

77 100

105 99.7 72.6 112.6

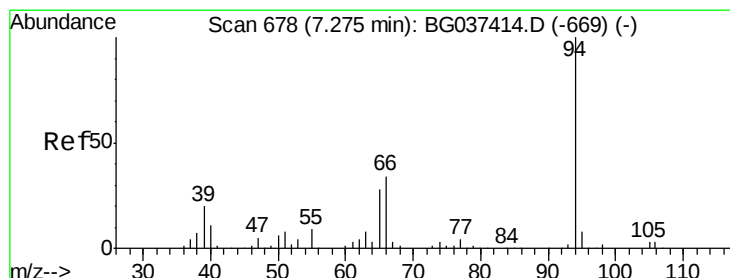
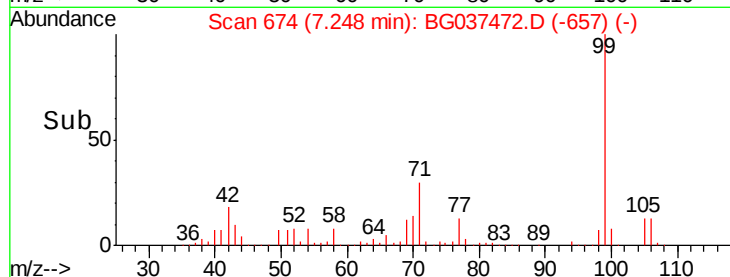
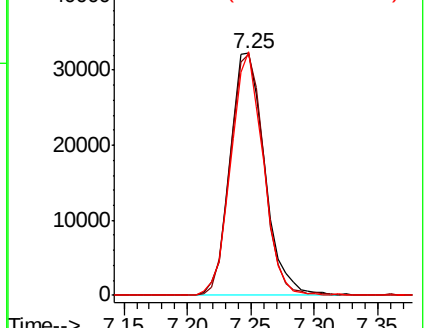
106 100.7 71.3 111.3



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: 43.751 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

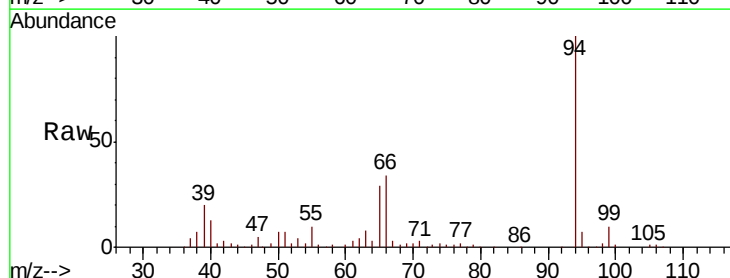
Tgt Ion: 94 Resp: 225477

Ion Ratio Lower Upper

94 100

65 28.8 9.7 49.7

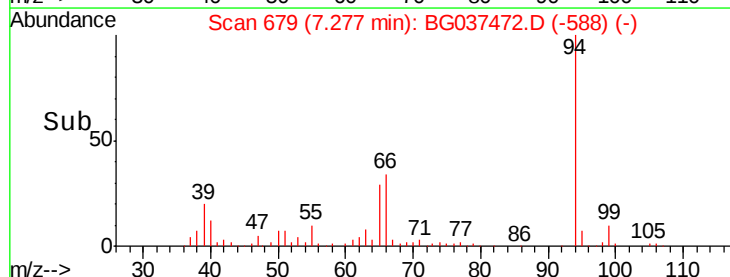
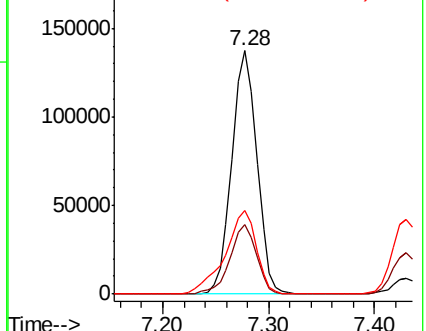
66 34.4 15.9 55.9



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

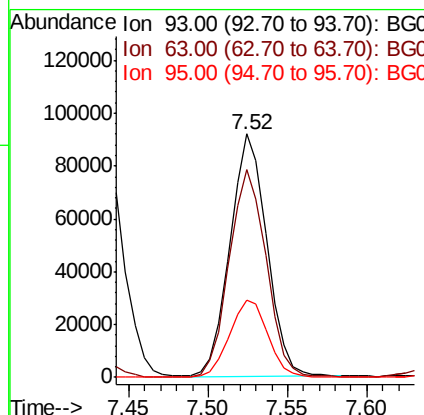
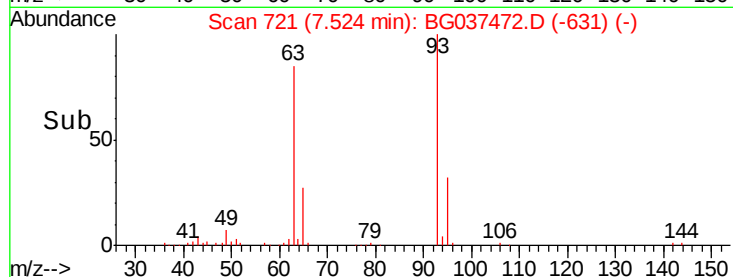
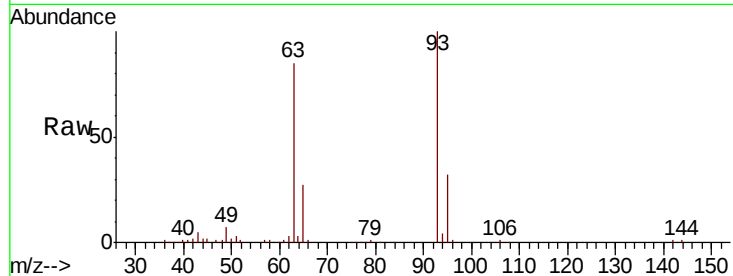




#11
bis(2-Chloroethyl)ether
Concen: 37.775 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

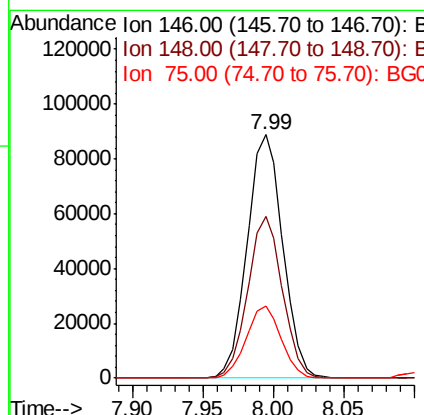
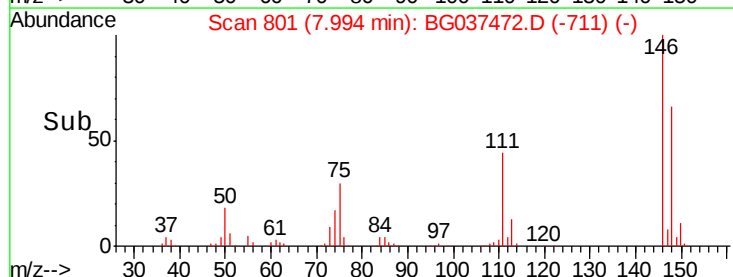
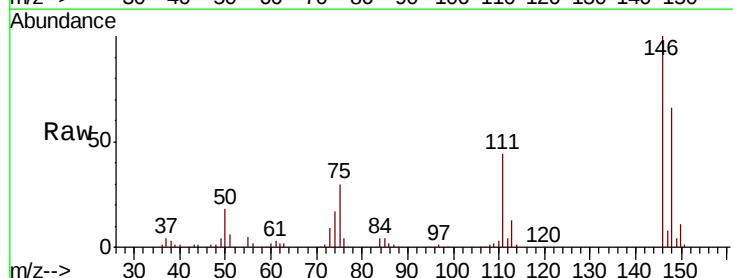
Instrument :
BNA_G
ClientSampleId :
PB113548BSD

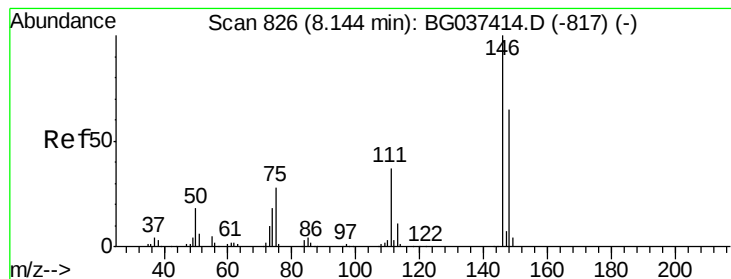
Tgt Ion: 93 Resp: 147857
Ion Ratio Lower Upper
93 100
63 85.3 69.5 109.5
95 31.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 37.336 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion: 146 Resp: 157067
Ion Ratio Lower Upper
146 100
148 66.5 49.8 74.8
75 29.8 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 36.914 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

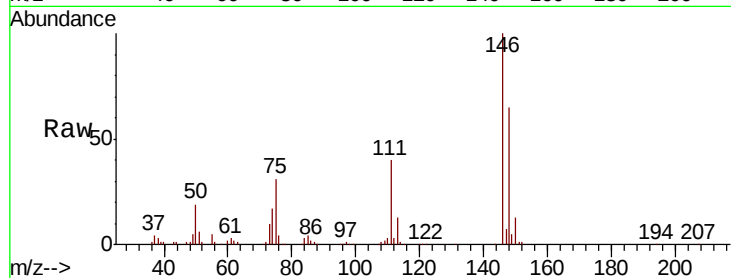
Tgt Ion:146 Resp: 158850

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

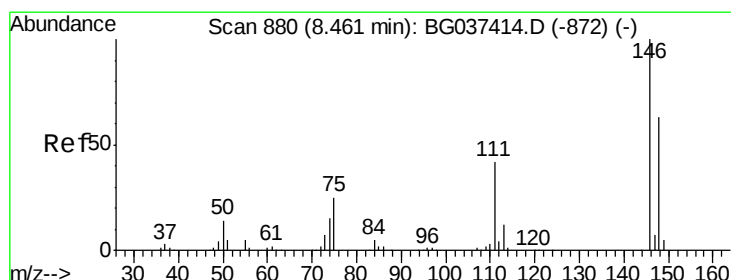
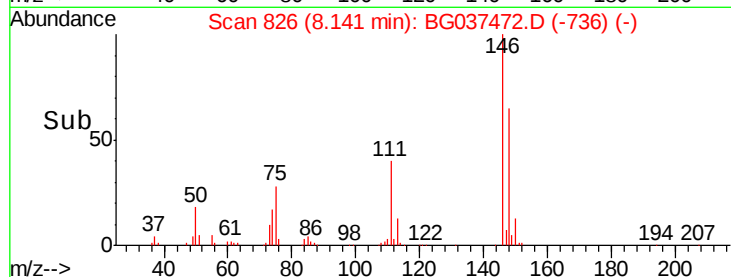
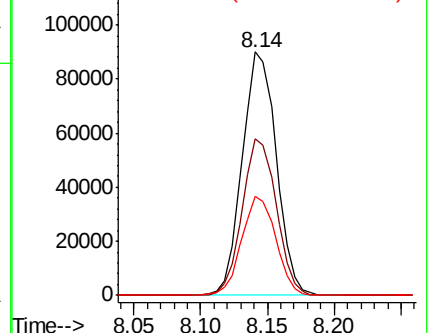
111 40.4 32.4 48.6



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: 37.318 ng

RT: 8.46 min Scan# 881

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

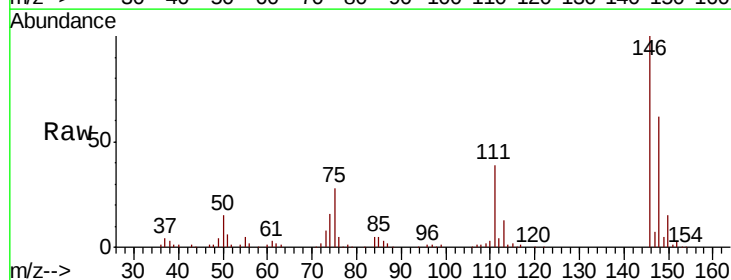
Tgt Ion:146 Resp: 154478

Ion Ratio Lower Upper

146 100

148 61.6 50.4 75.6

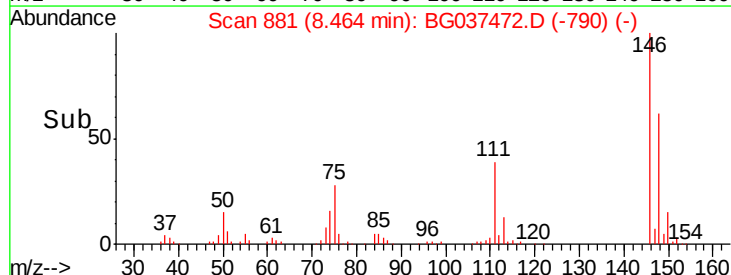
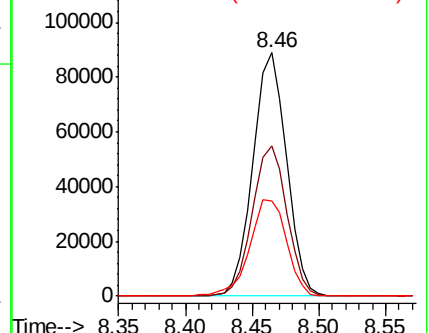
111 38.8 34.6 51.8

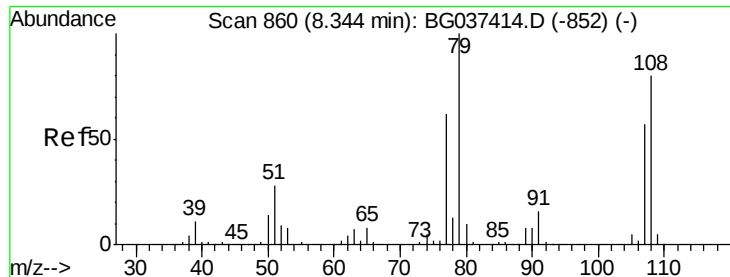


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.352 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

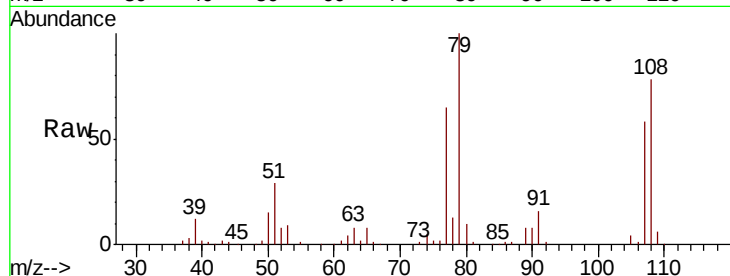
Tgt Ion: 79 Resp: 149243

Ion Ratio Lower Upper

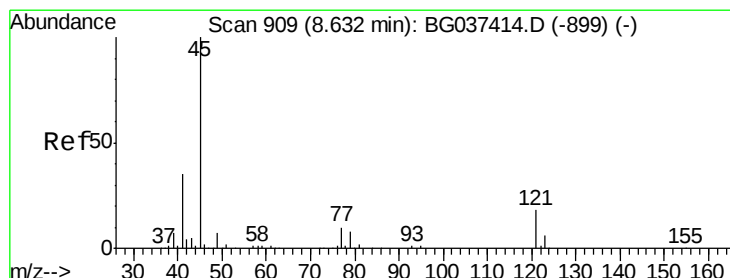
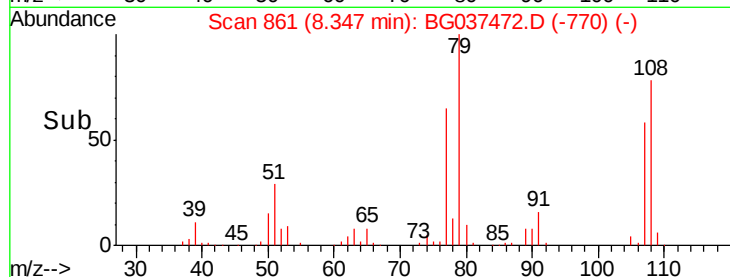
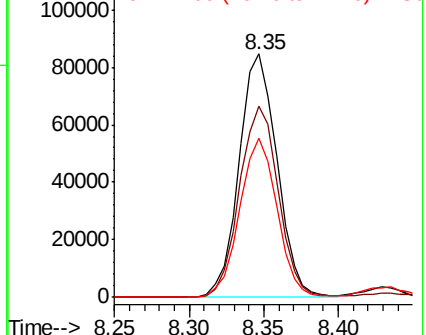
79 100

108 78.3 65.8 98.8

77 65.1 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.387 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

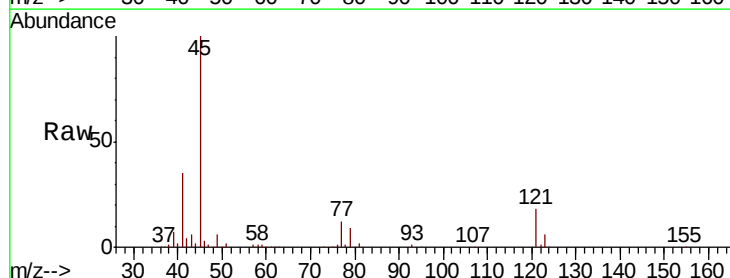
Tgt Ion: 45 Resp: 268849

Ion Ratio Lower Upper

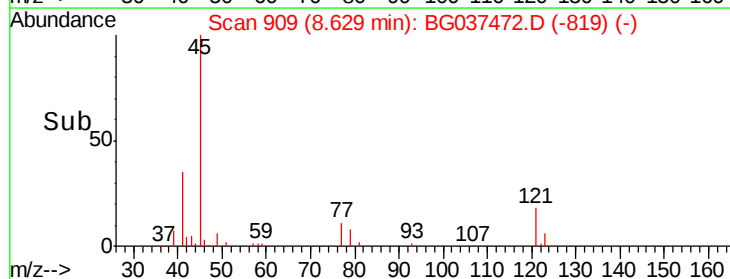
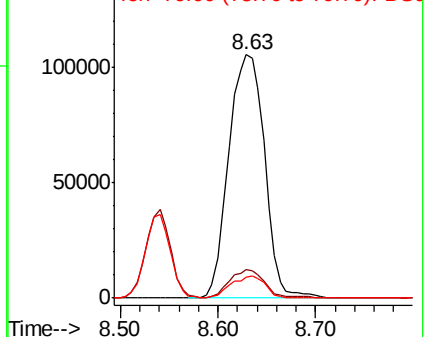
45 100

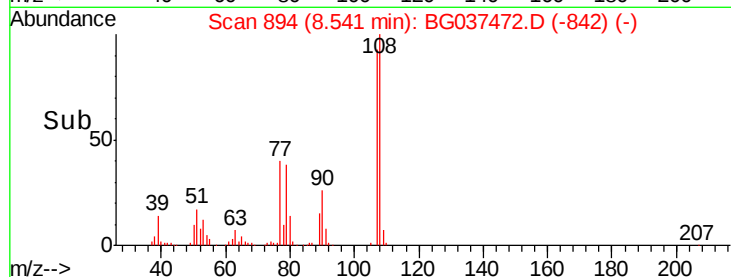
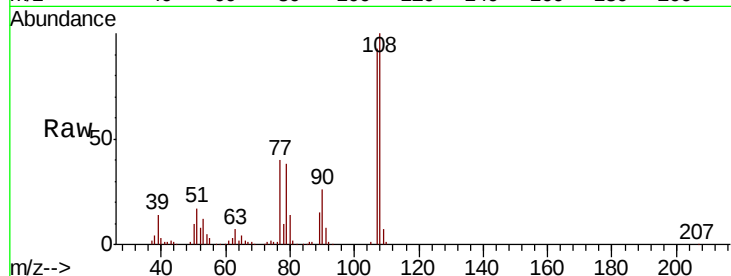
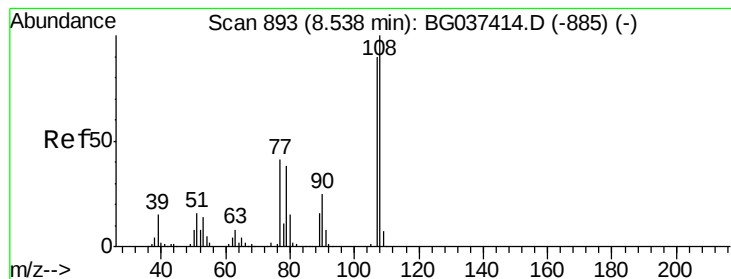
77 11.9 0.0 30.0

79 8.8 0.0 29.0



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





#17

2-Methylphenol

Concen: 44.431 ng

RT: 8.54 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

Tgt Ion:107 Resp: 151384

Ion Ratio Lower Upper

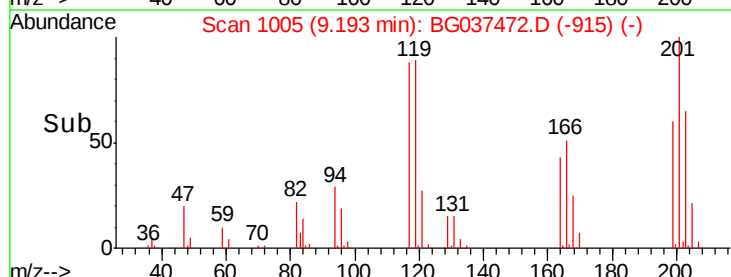
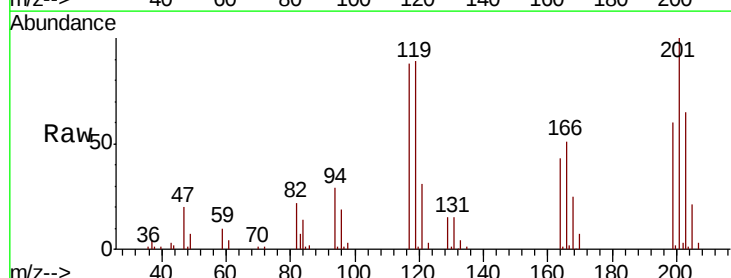
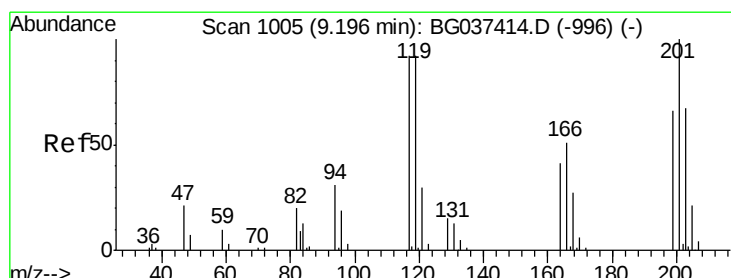
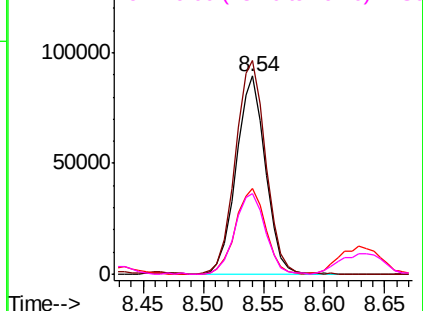
107 100

108 107.9 87.9 131.9

77 43.3 35.1 52.7

79 40.6 34.5 51.7

Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.153 ng

RT: 9.19 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Tgt Ion:117 Resp: 55973

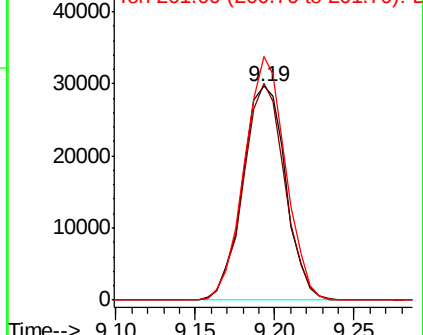
Ion Ratio Lower Upper

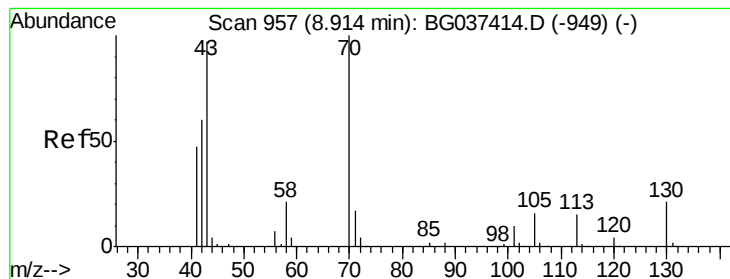
117 100

119 101.6 74.6 111.8

201 114.0 80.8 121.2

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: 37.360 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

Tgt Ion: 70 Resp: 125660

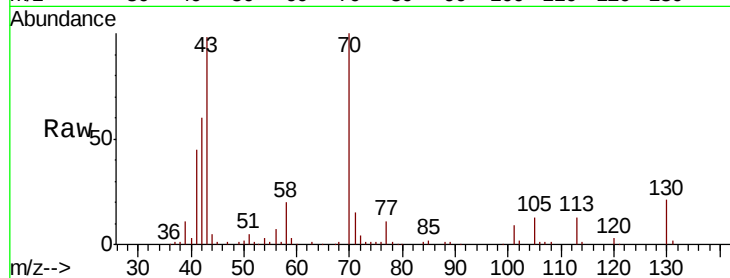
Ion Ratio Lower Upper

70 100

42 60.4 53.9 80.9

101 9.2 8.2 12.2

130 21.2 18.2 27.4

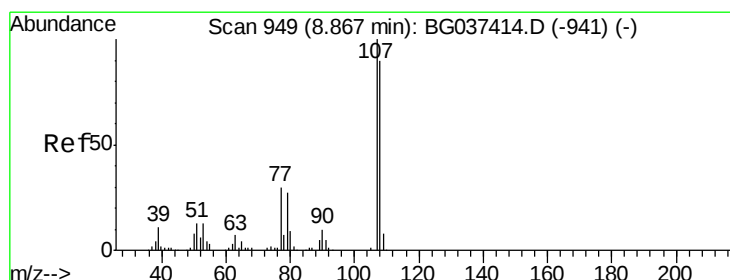
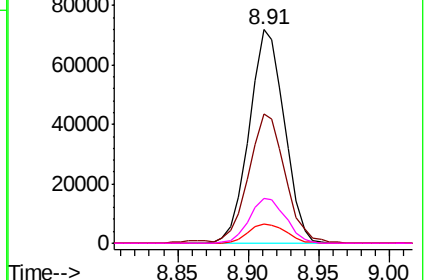
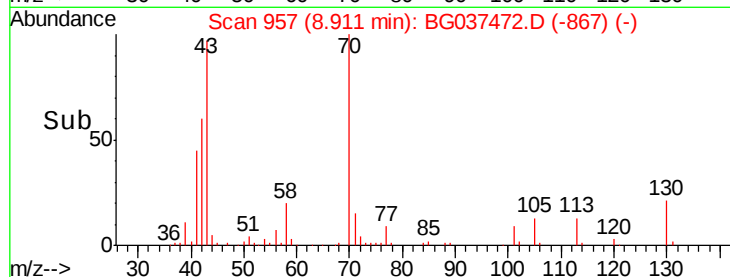


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 43.139 ng

RT: 8.87 min Scan# 950

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Tgt Ion: 107 Resp: 210141

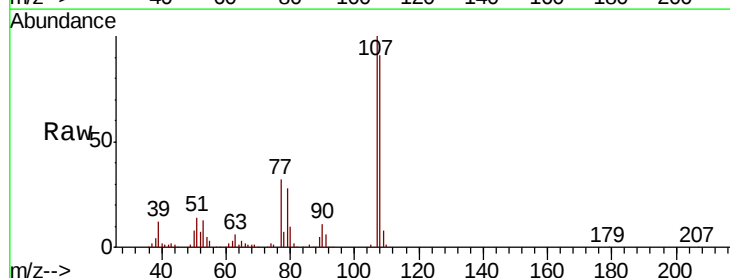
Ion Ratio Lower Upper

107 100

108 90.7 69.9 109.9

77 31.7 11.2 51.2

79 28.4 6.6 46.6

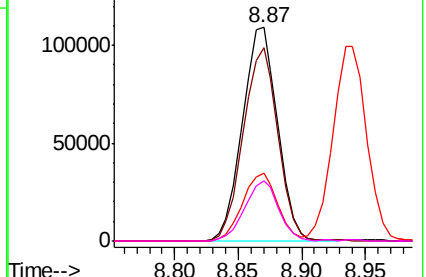
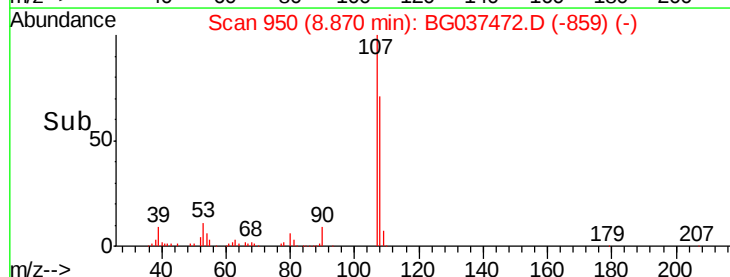


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

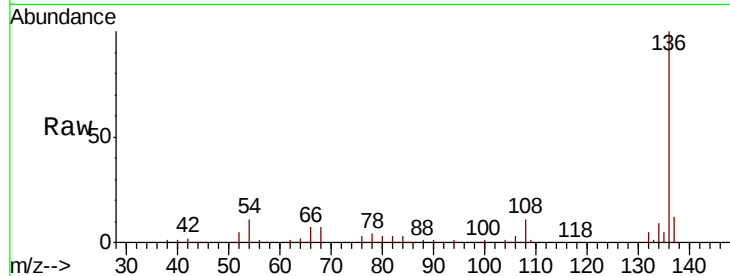




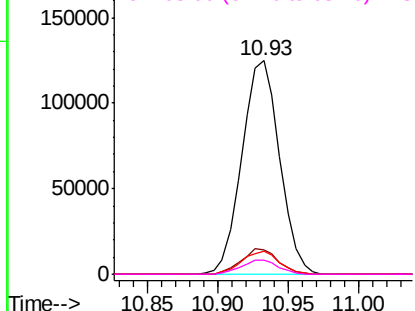
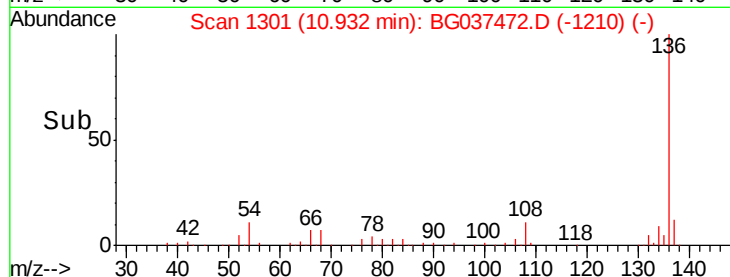
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion:	136	Resp:	233296
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.6	7.9	11.9
68	6.7	4.8	7.2

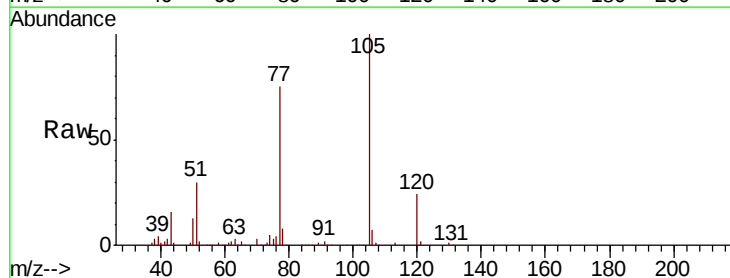


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

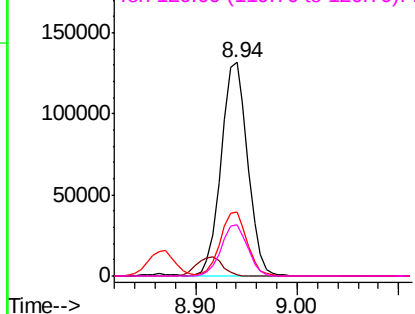
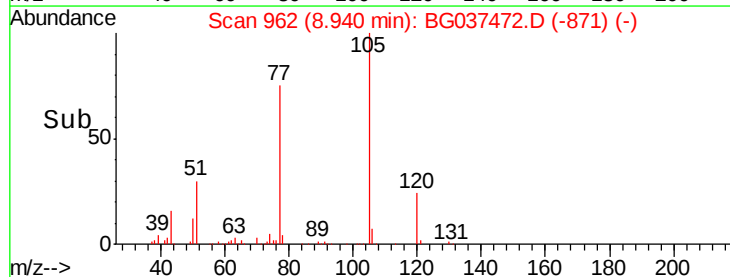


#22
Acetophenone
Concen: 40.900 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion:	105	Resp:	239307
Ion	Ratio	Lower	Upper
105	100		
71	0.5	1.2	1.8#
51	30.2	25.0	37.6
120	24.2	18.6	28.0



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

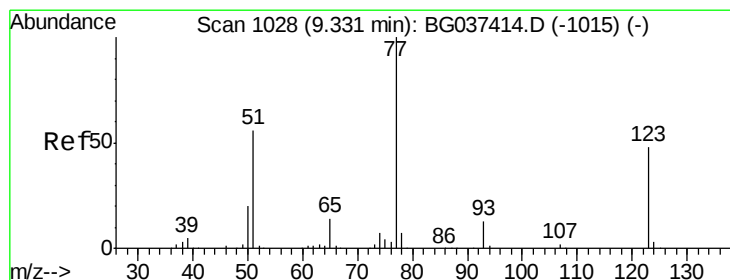
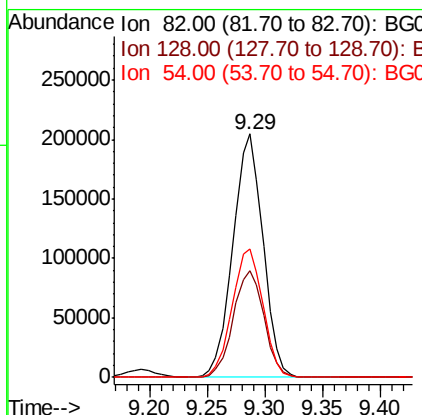
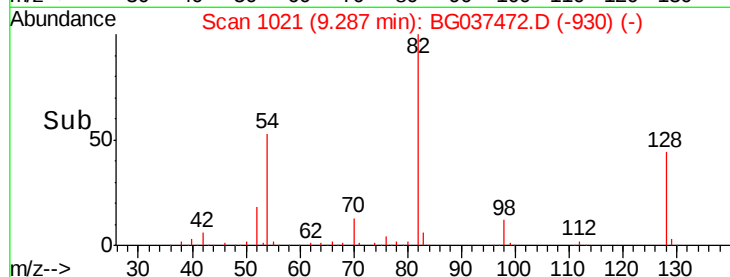
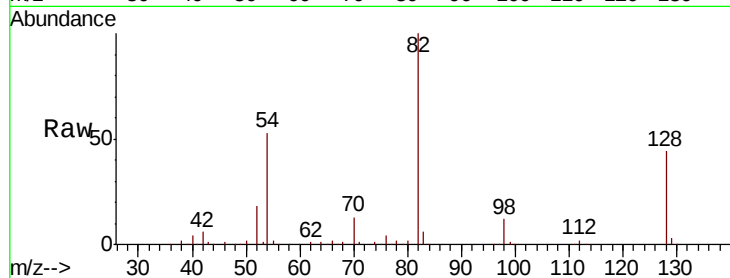




#23
Nitrobenzene-d5
Concen: 88.861 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

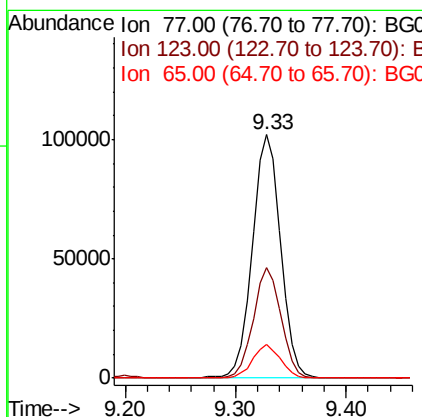
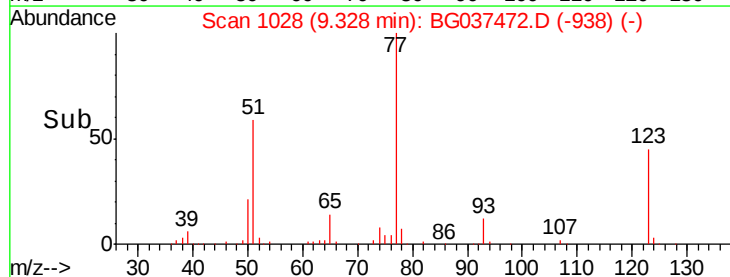
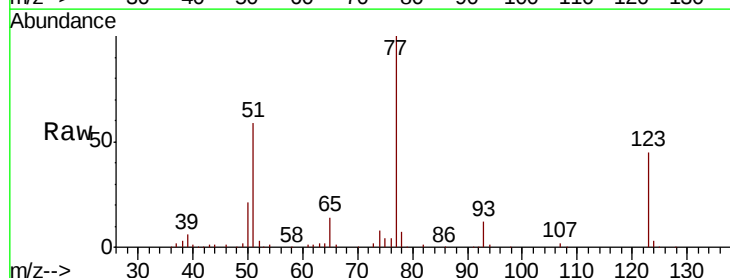
Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion: 82 Resp: 370068
Ion Ratio Lower Upper
82 100
128 43.7 34.6 51.8
54 53.0 45.3 67.9



#24
Nitrobenzene
Concen: 42.249 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion: 77 Resp: 182784
Ion Ratio Lower Upper
77 100
123 45.4 33.6 50.4
65 13.9 11.3 16.9

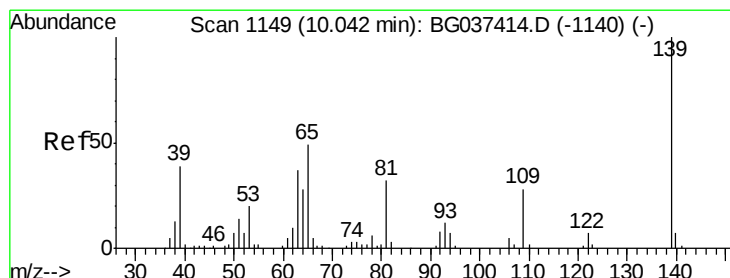
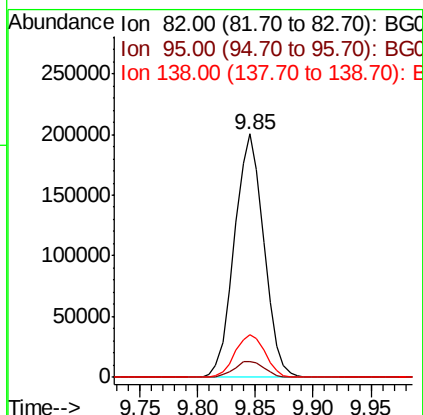
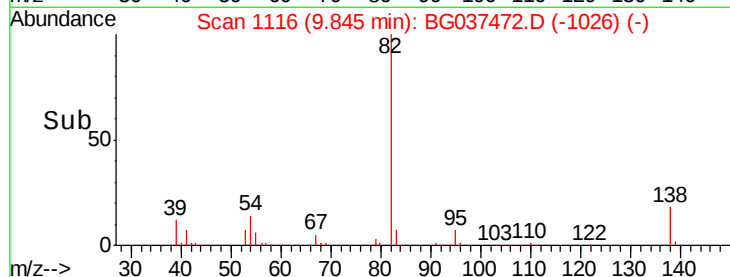
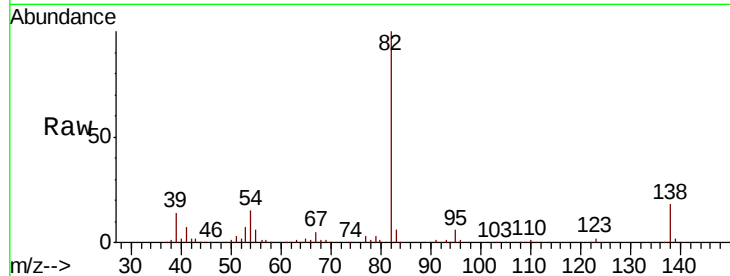




#25
Isophorone
Concen: 46.653 ng
RT: 9.85 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

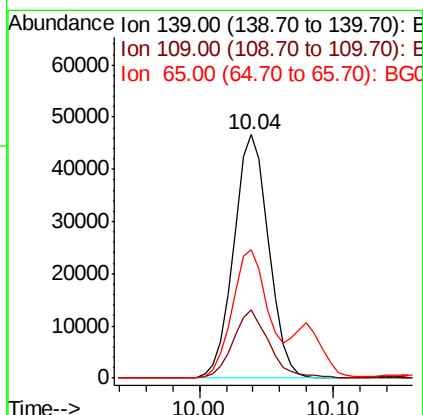
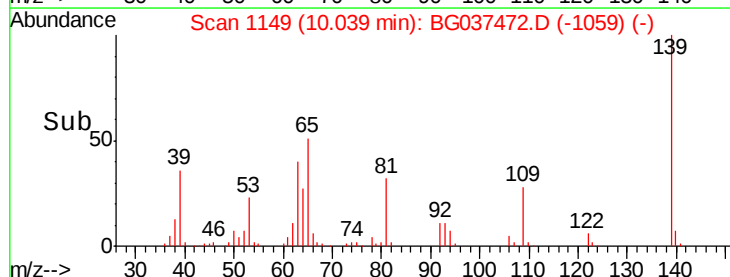
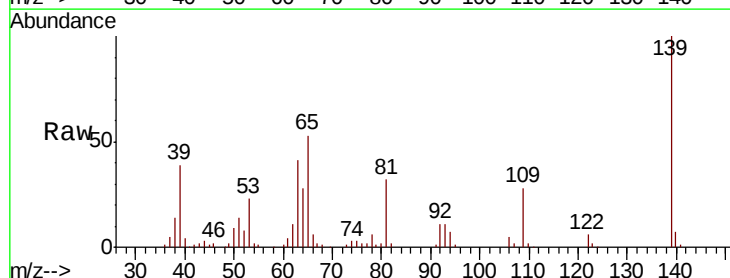
Instrument :
BNA_G
ClientSampleId :
PB113548BSD

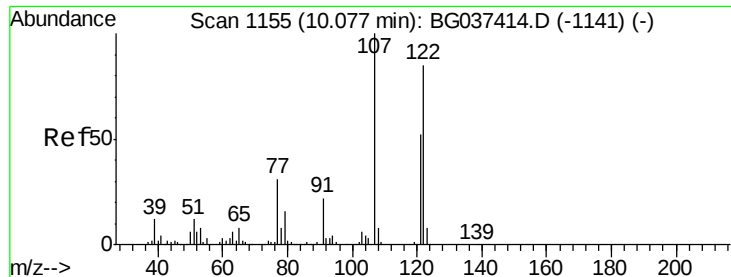
Tgt Ion: 82 Resp: 354998
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 17.7 13.3 19.9



#26
2-Nitrophenol
Concen: 43.219 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion: 139 Resp: 84234
Ion Ratio Lower Upper
139 100
109 28.0 23.3 34.9
65 52.9 39.8 59.8

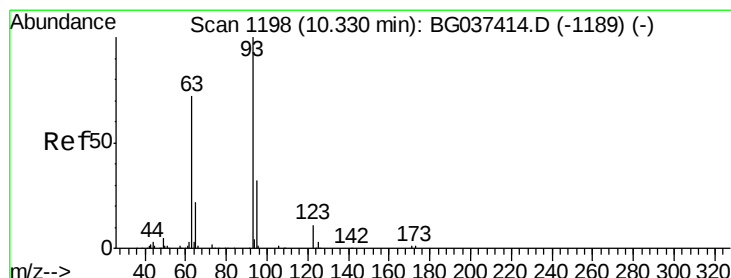
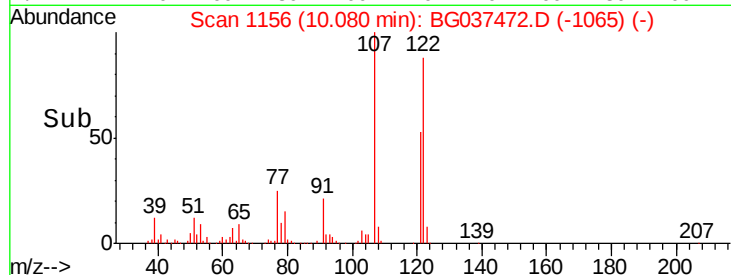
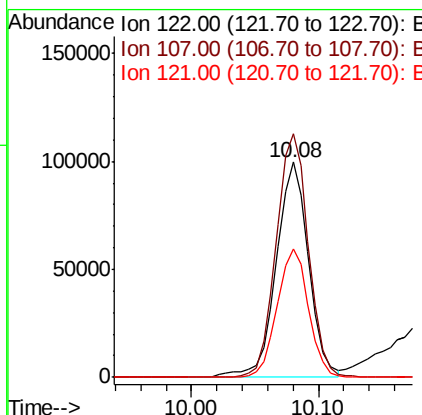
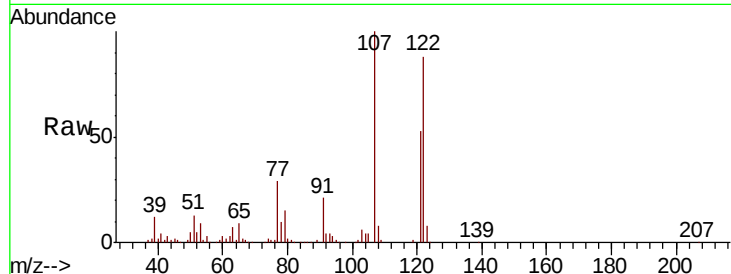




#27
2,4-Dimethylphenol
Concen: 50.937 ng
RT: 10.08 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

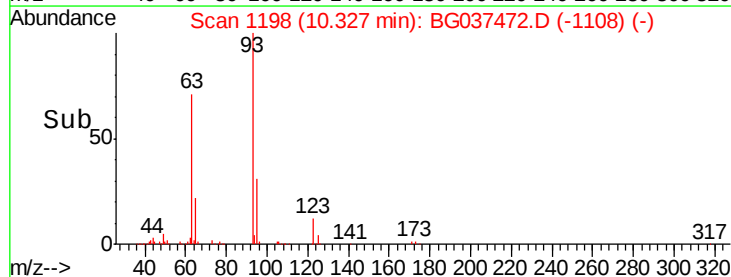
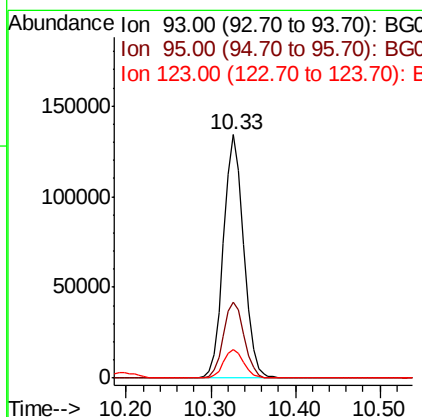
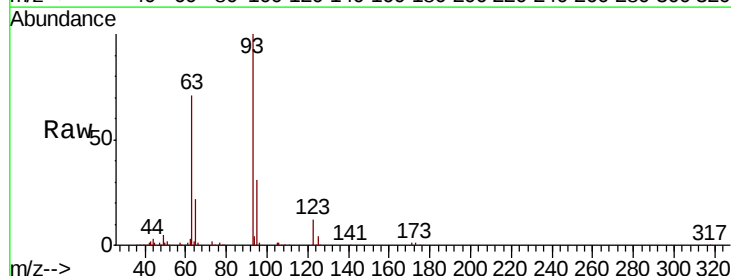
Instrument :
BNA_G
ClientSampleId :
PB113548BSD

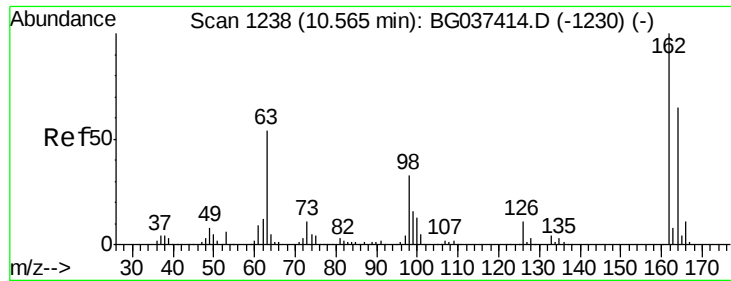
Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.3	94.2	141.2
121	59.7	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 44.423 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	24.6	37.0
123	11.9	9.1	13.7

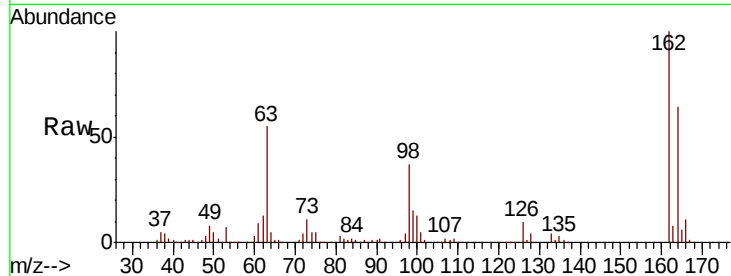




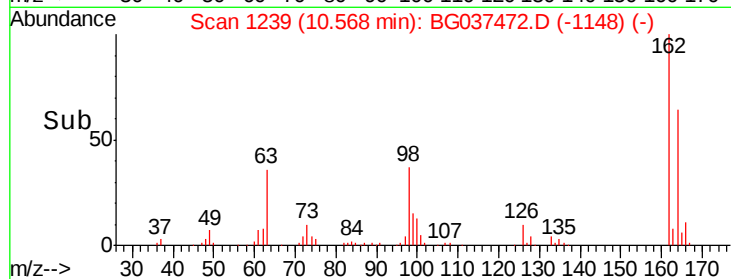
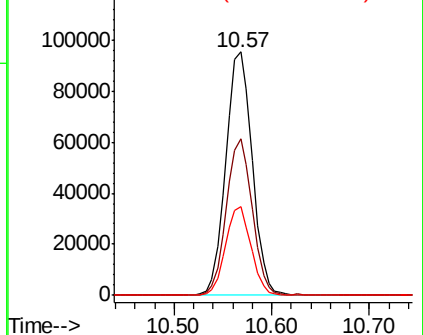
#29
 2,4-Dichlorophenol
 Concen: 46.275 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.2	83.2
98	36.5	16.0	56.0

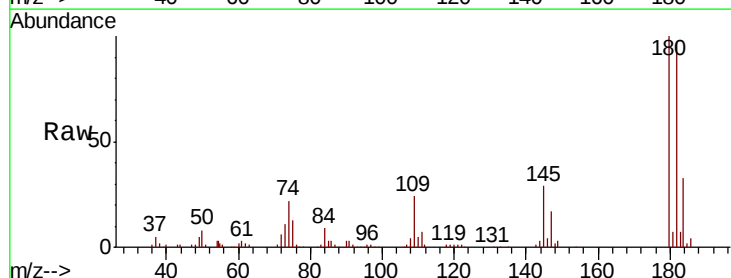


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

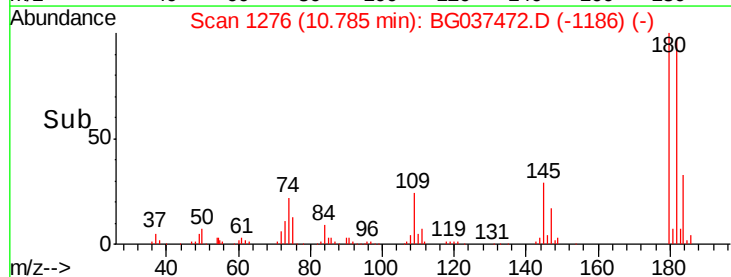
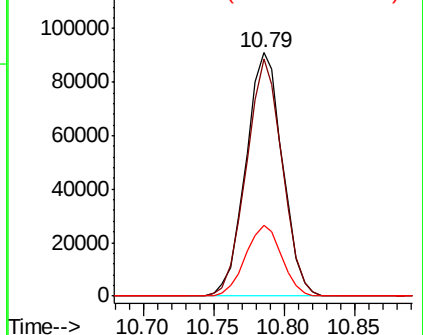


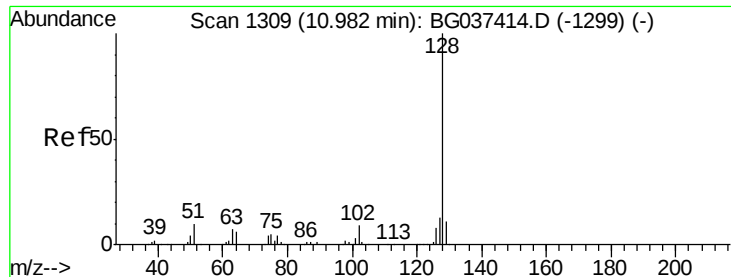
#30
 1,2,4-Trichlorobenzene
 Concen: 39.257 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.7	116.5
145	28.8	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

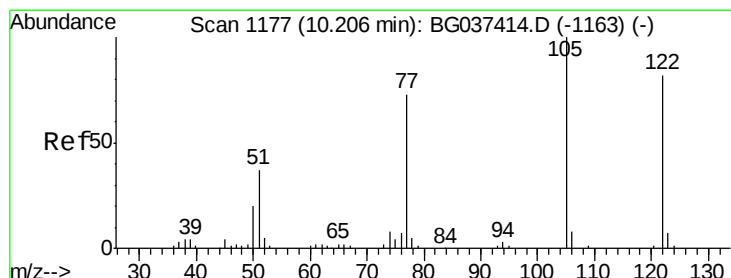
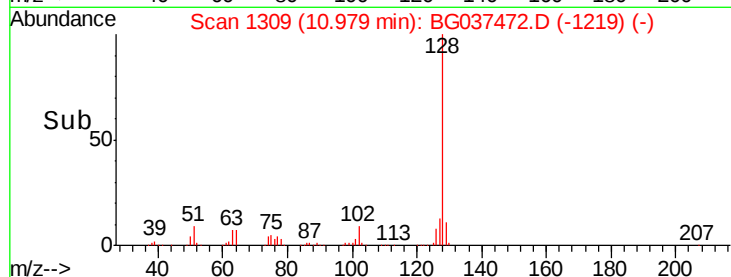
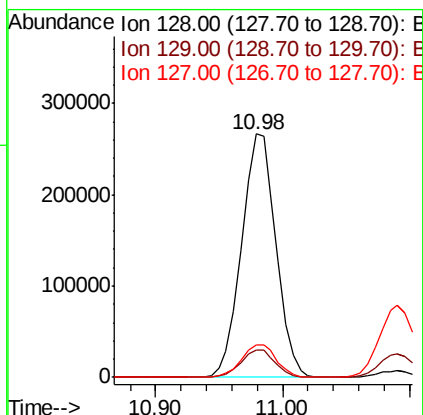
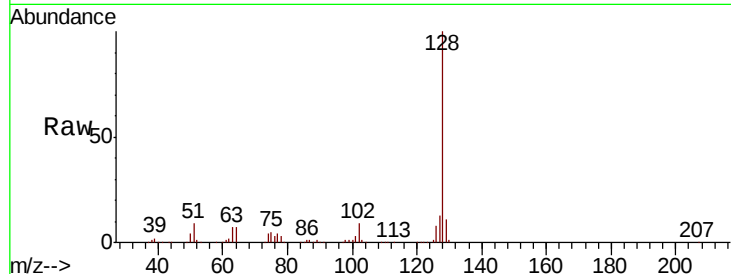




#31
Naphthalene
Concen: 43.653 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

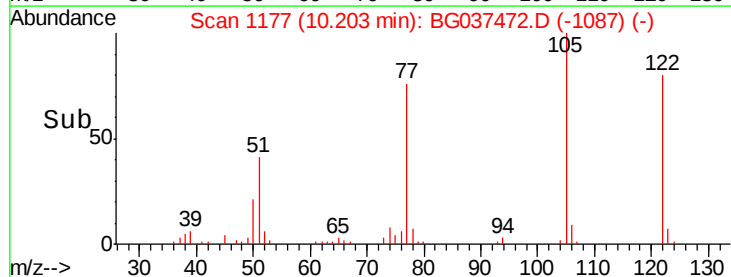
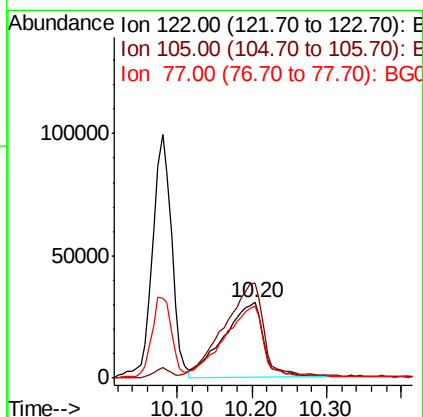
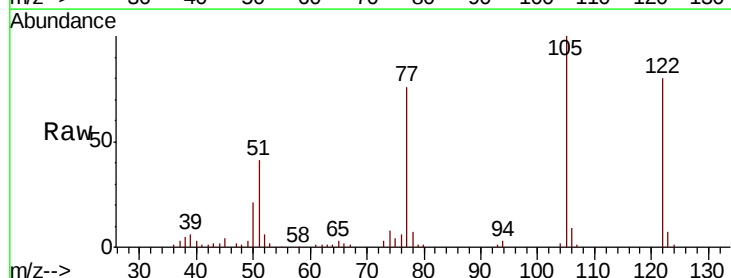
Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion:128 Resp: 500220
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.3 11.1 16.7



#32
Benzoic acid
Concen: 50.273 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion:122 Resp: 113628
Ion Ratio Lower Upper
122 100
105 125.6 106.7 146.7
77 95.6 72.2 112.2

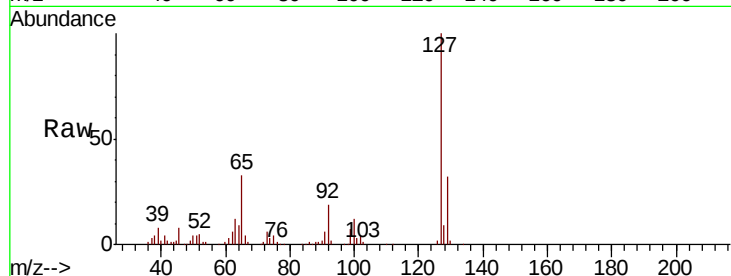




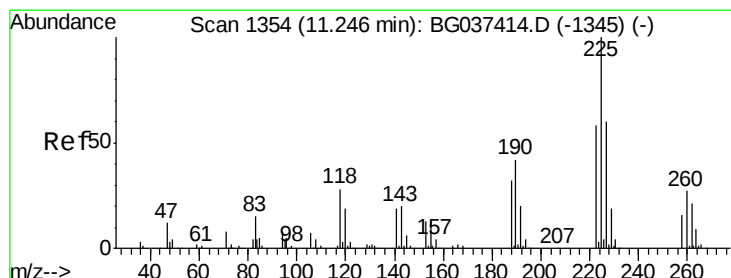
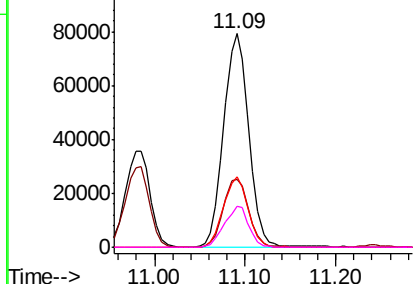
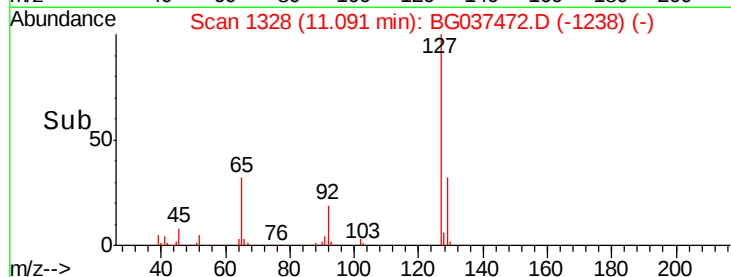
#33
4-Chloroaniline
Concen: 28.391 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion:	127	Resp:	152857
Ion	Ratio	Lower	Upper
127	100		
129	32.0	27.1	40.7
65	33.2	26.6	39.8
92	19.1	16.4	24.6

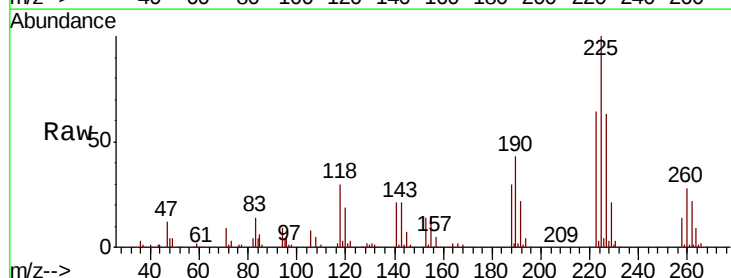


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

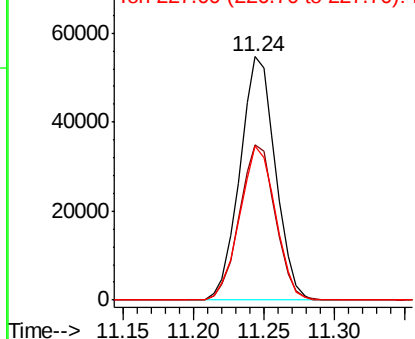
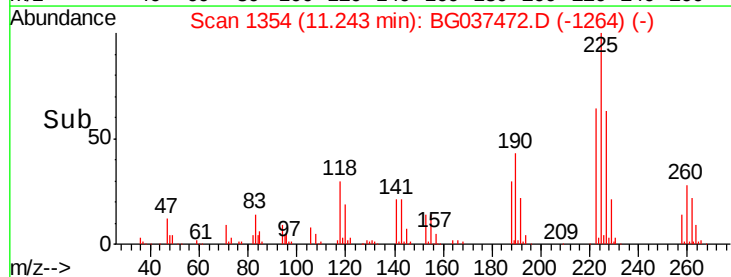


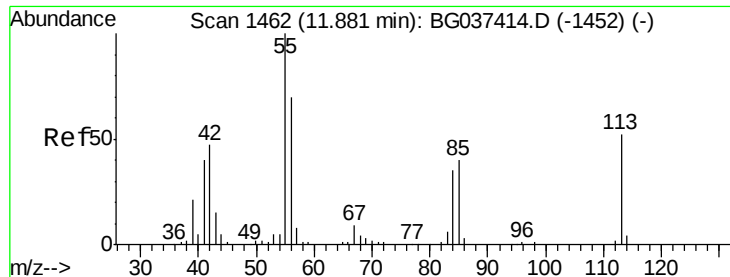
#34
Hexachlorobutadiene
Concen: 38.377 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion:	225	Resp:	95836
Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.2	72.4
227	63.4	51.6	77.4



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

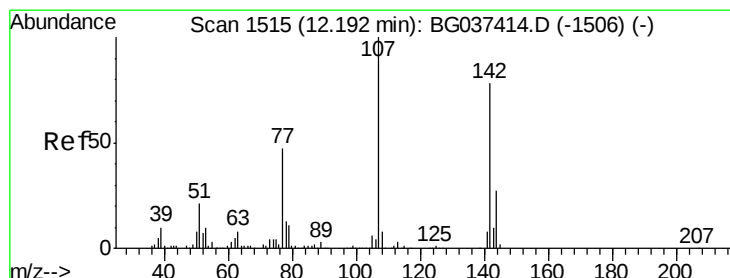
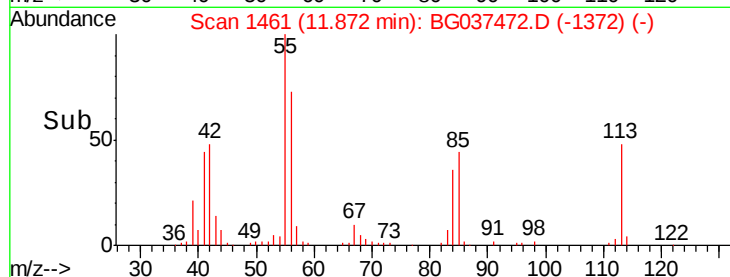
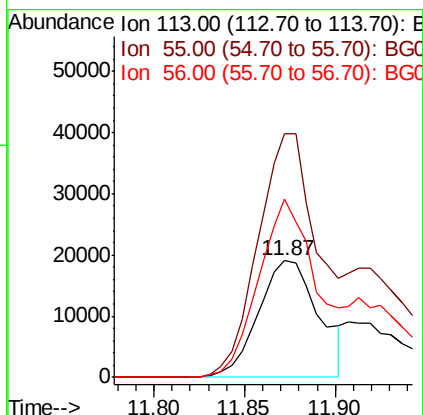
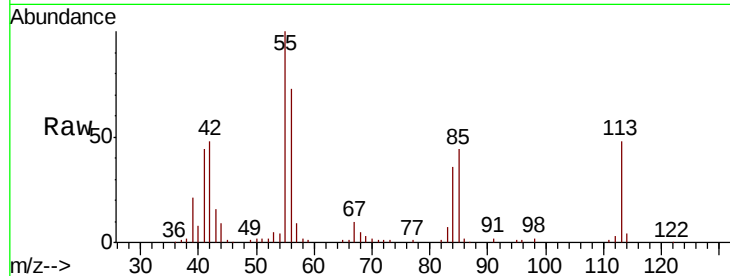




#35
 Caprolactam
 Concen: 28.424 ng
 RT: 11.87 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

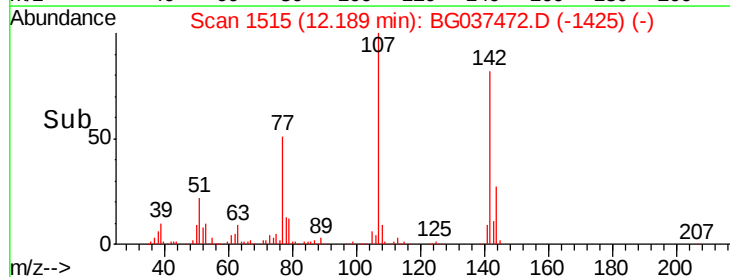
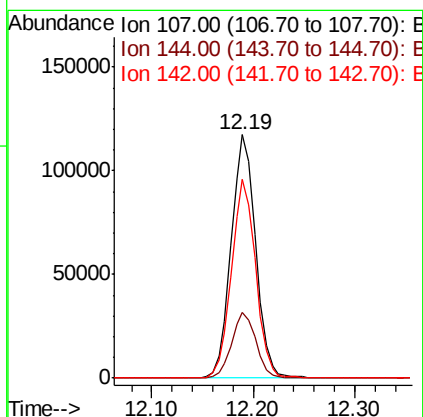
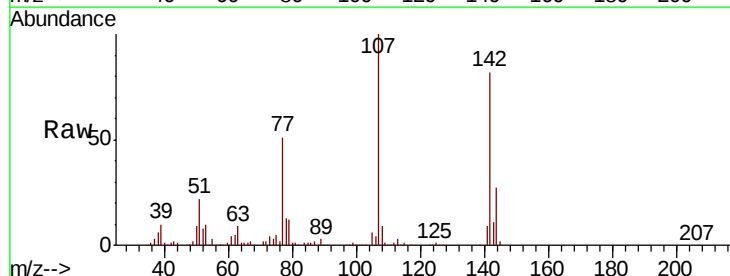
Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

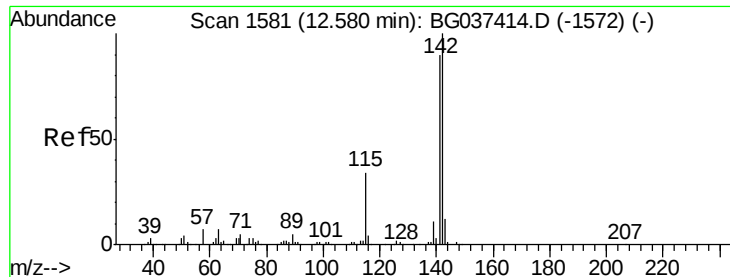
Tgt Ion:113 Resp: 44169
 Ion Ratio Lower Upper
 113 100
 55 209.0 176.6 216.6
 56 153.0 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.146 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion:107 Resp: 197271
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.7 31.1
 142 81.8 64.4 96.6

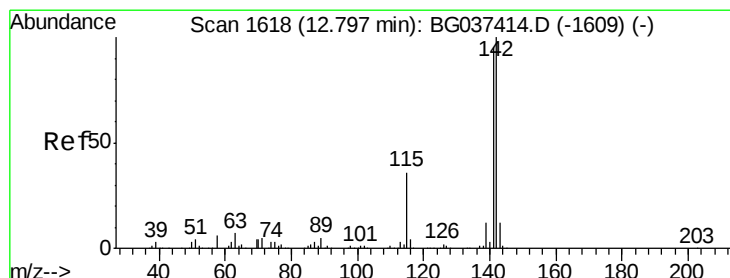
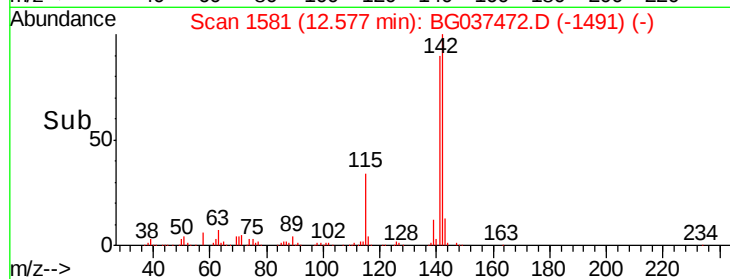
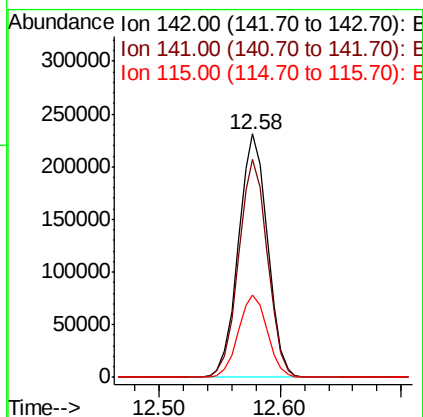
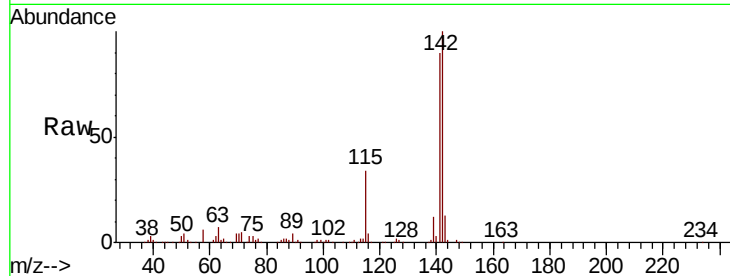




#37
2-Methylnaphthalene
Concen: 46.505 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

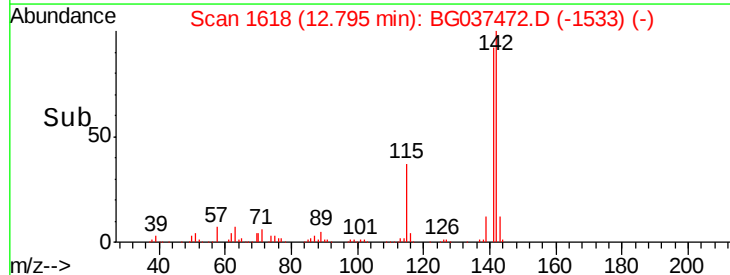
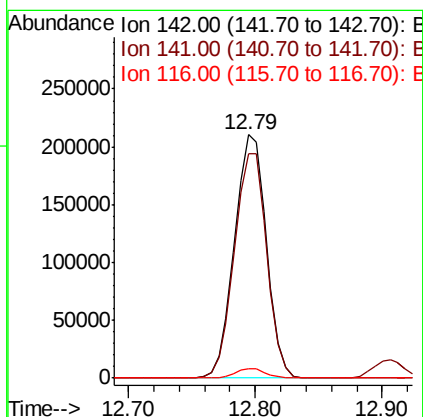
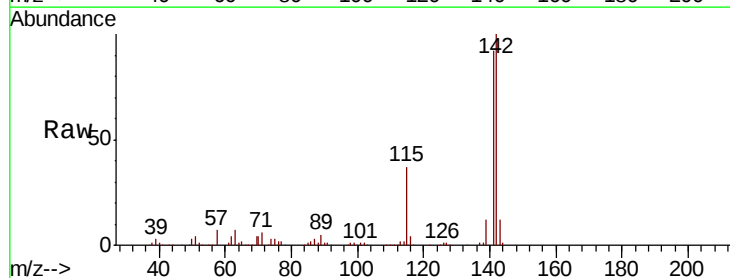
Instrument :
BNA_G
ClientSampleId :
PB113548BSD

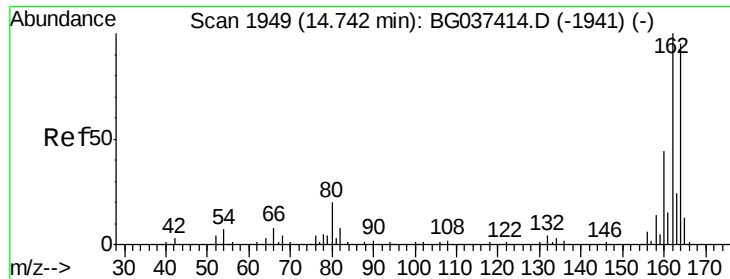
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.9	107.9
115	33.7	27.8	41.8



#38
1-Methylnaphthalene
Concen: 45.159 ng
RT: 12.79 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.2	112.8
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

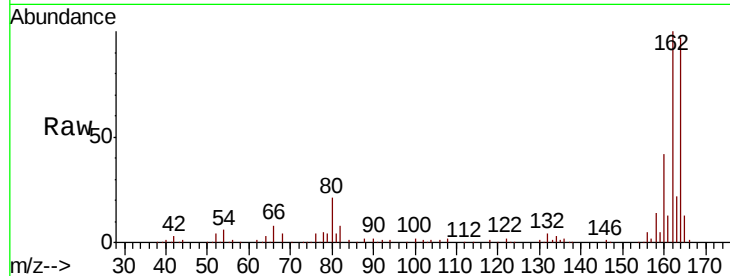
Tgt Ion:164 Resp: 155161

Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

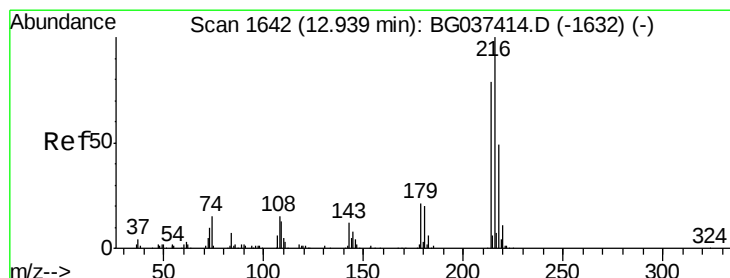
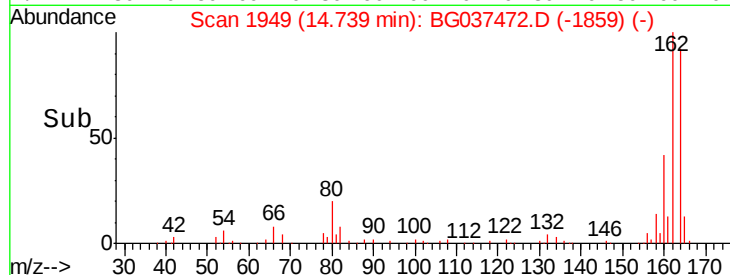
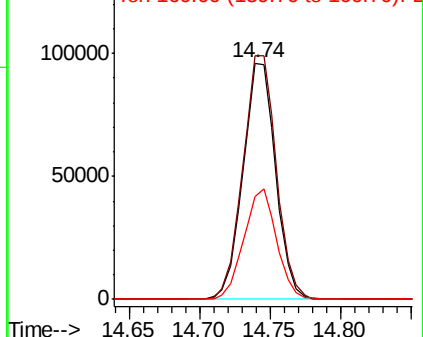
160 43.4 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.598 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Tgt Ion:216 Resp: 198179

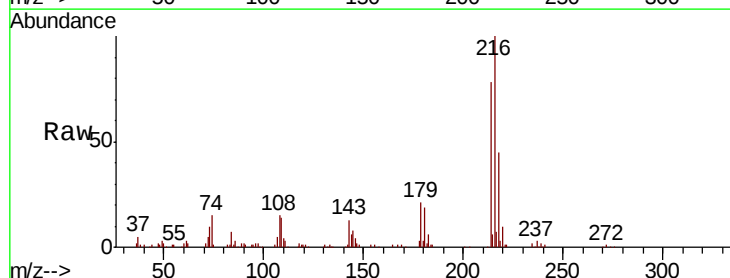
Ion Ratio Lower Upper

216 100

214 78.1 63.8 95.6

179 21.2 17.4 26.0

108 18.6 13.9 20.9

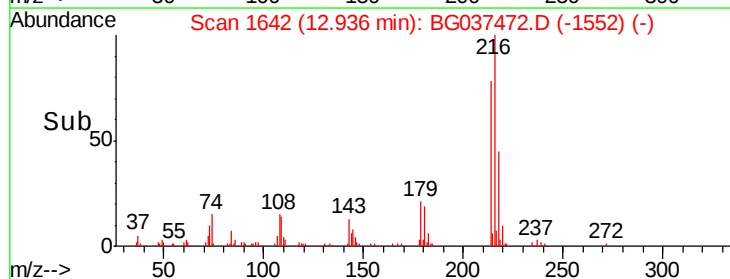
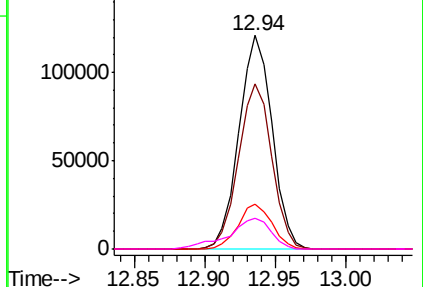


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.362 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

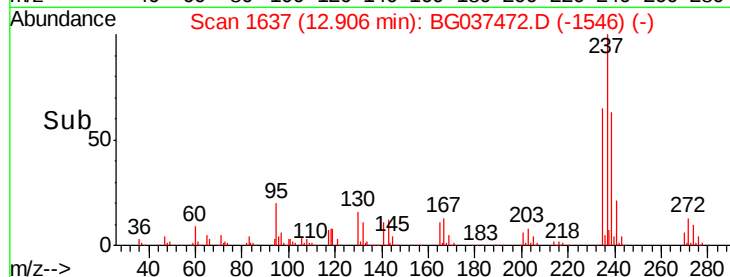
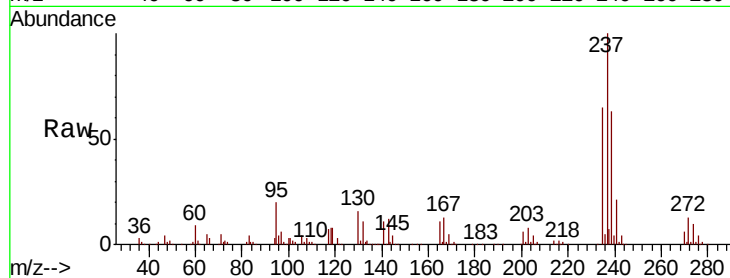
Tgt Ion: 237 Resp: 239931

Ion Ratio Lower Upper

237 100

235 65.4 42.5 82.5

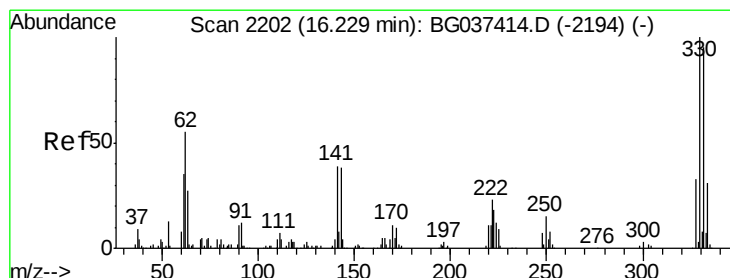
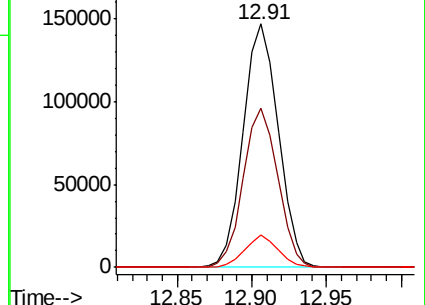
272 13.4 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 94.117 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

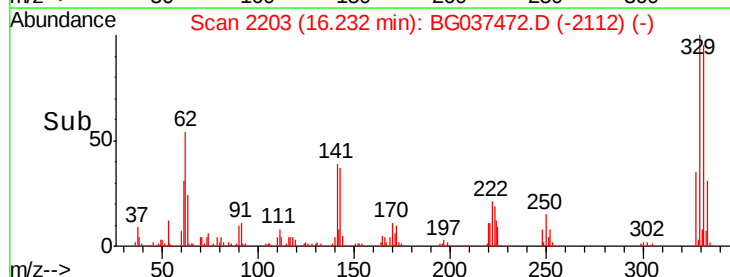
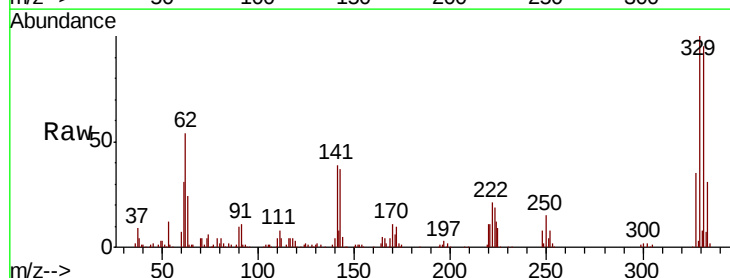
Tgt Ion: 330 Resp: 159276

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

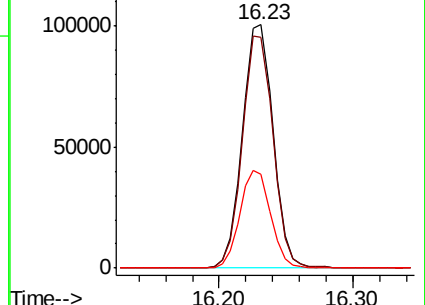
141 40.2 32.2 48.2

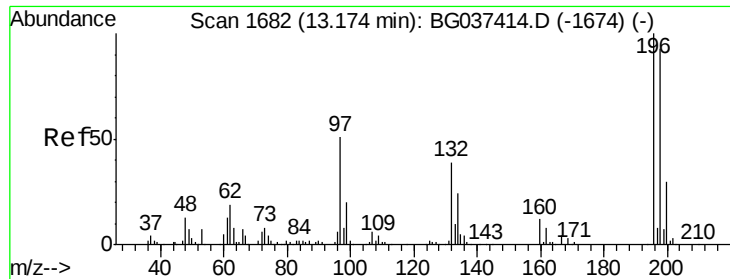


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

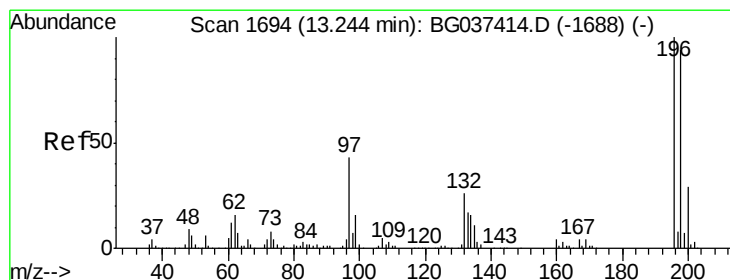
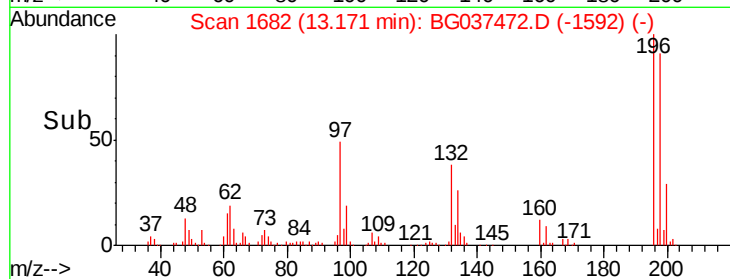
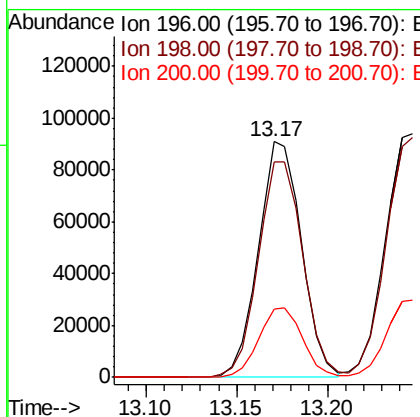
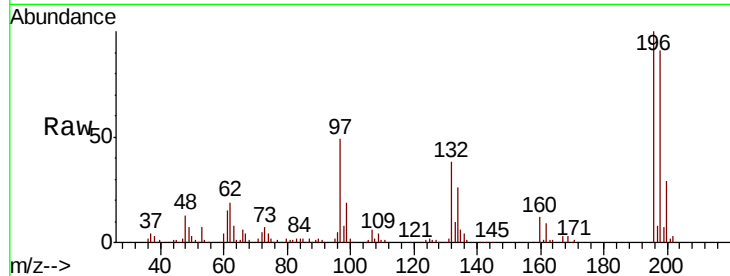




#43
 2,4,6-Trichlorophenol
 Concen: 44.944 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

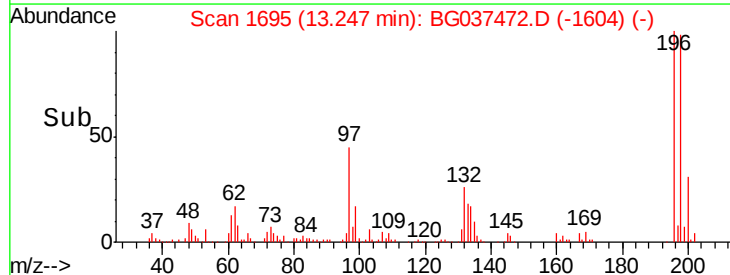
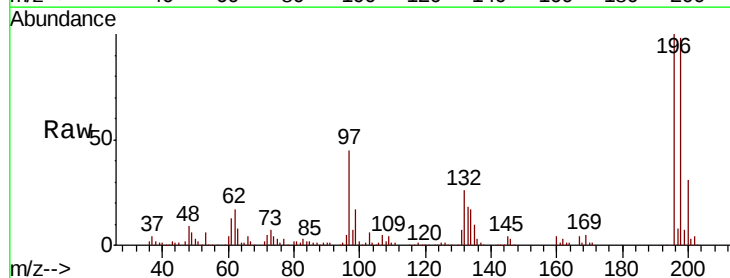
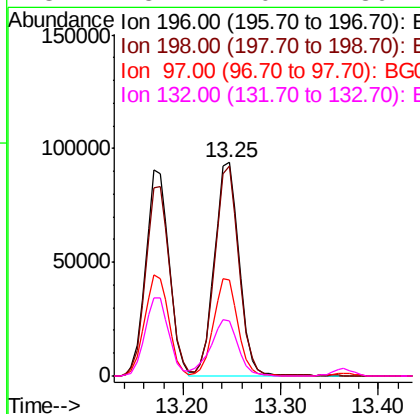
Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Tgt Ion:196 Resp: 150275
 Ion Ratio Lower Upper
 196 100
 198 91.4 76.4 114.6
 200 29.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.483 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion:196 Resp: 165576
 Ion Ratio Lower Upper
 196 100
 198 98.4 74.2 111.2
 97 44.9 34.1 51.1
 132 25.7 20.2 30.4

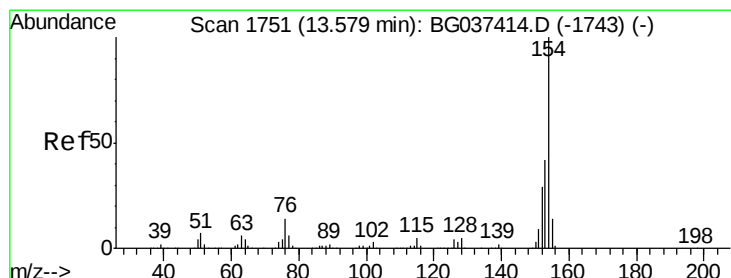
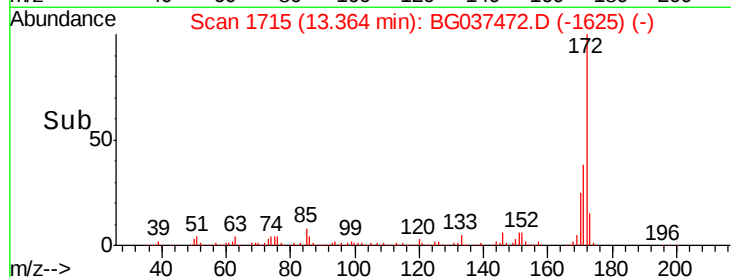
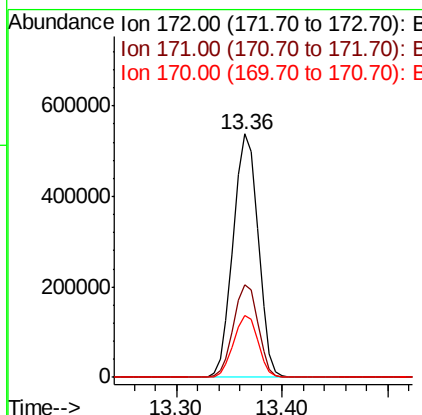
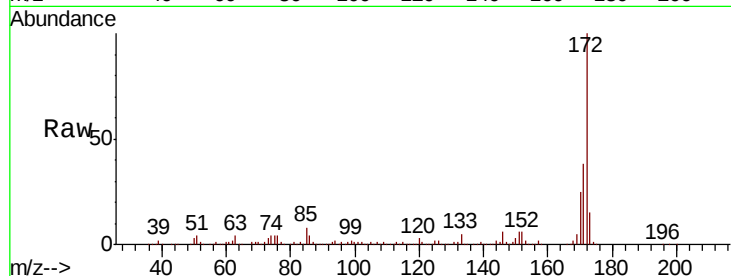




#45
2-Fluorobiphenyl
Concen: 85.258 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

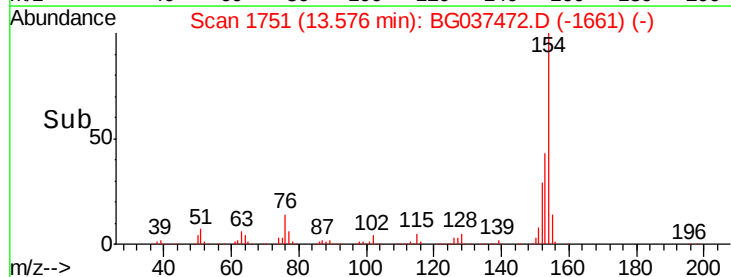
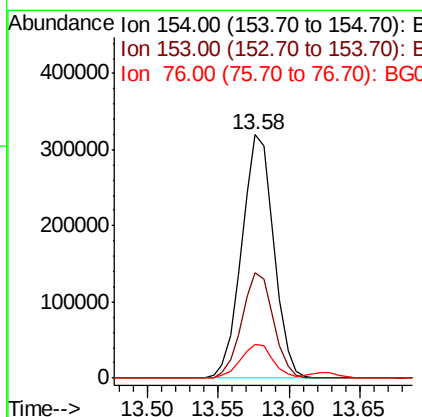
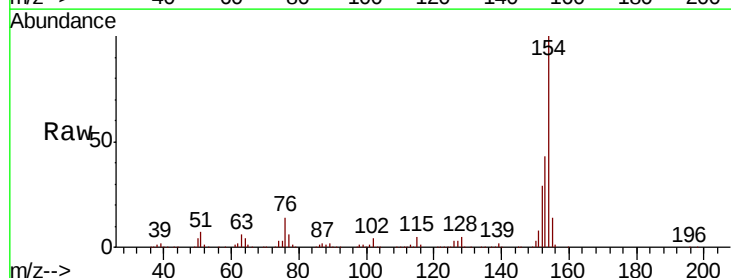
Instrument :
BNA_G
ClientSampleId :
PB113548BSD

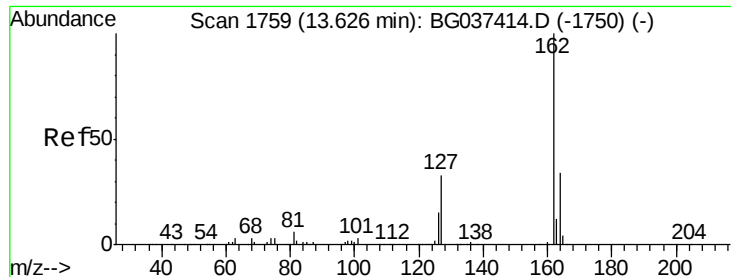
Tgt Ion:172 Resp: 877270
Ion Ratio Lower Upper
172 100
171 38.1 31.0 46.4
170 25.5 20.2 30.2



#46
1,1'-Biphenyl
Concen: 39.391 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion:154 Resp: 506172
Ion Ratio Lower Upper
154 100
153 43.1 22.1 62.1
76 13.6 0.0 33.2

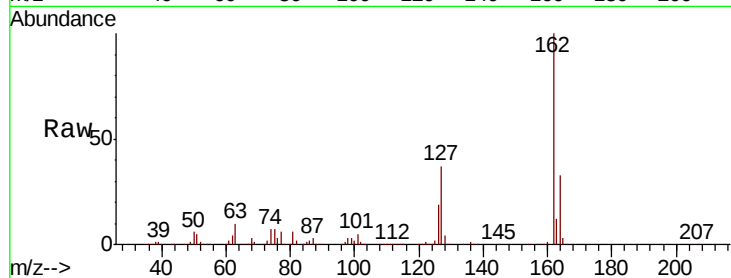




#47
 2-Chloronaphthalene
 Concen: 40.294 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.5	45.7
164	33.3	26.4	39.6

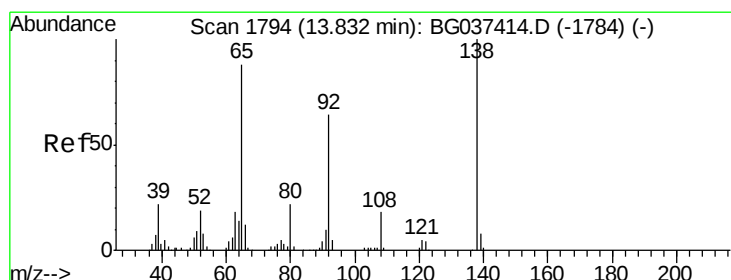
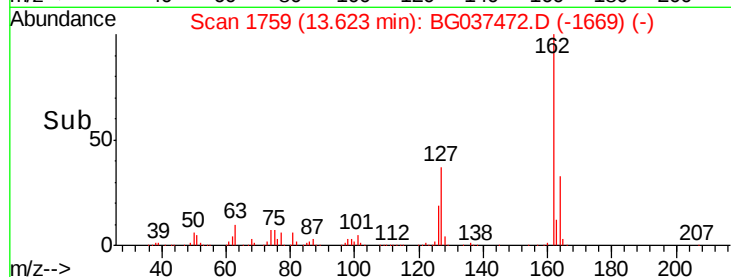
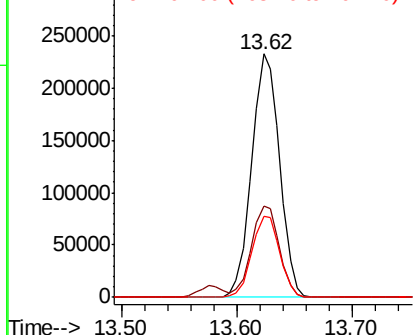


Abundance

Ion 162.00 (161.70 to 162.70): E

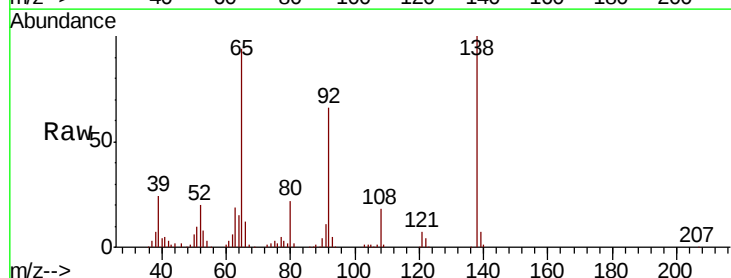
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 45.756 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	53.2	79.8
138	106.7	79.3	118.9

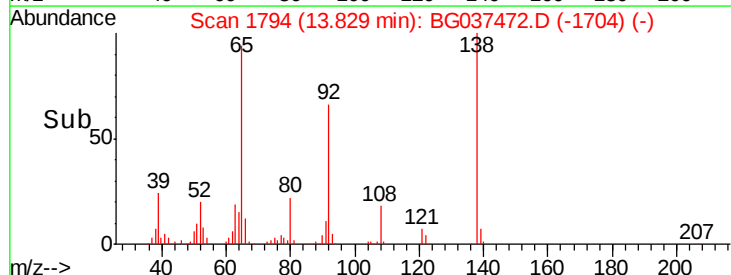
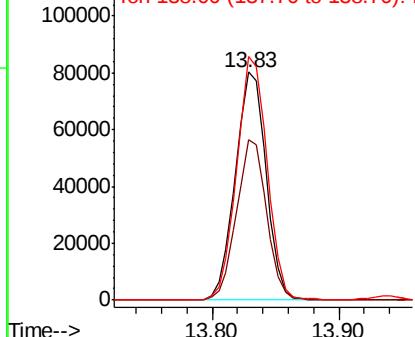


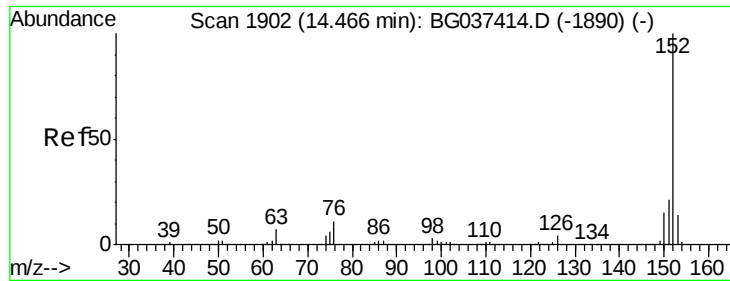
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.647 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

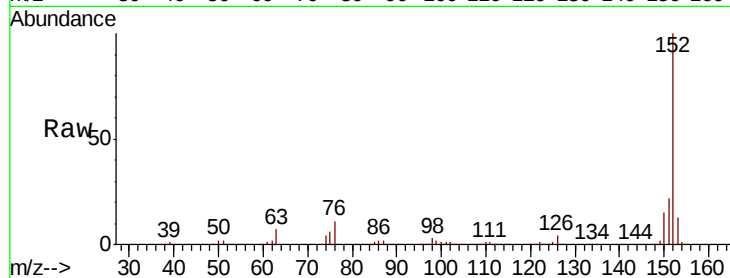
Tgt Ion:152 Resp: 667544

Ion Ratio Lower Upper

152 100

151 21.7 17.1 25.7

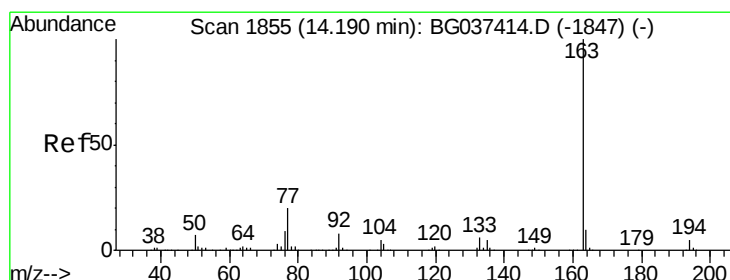
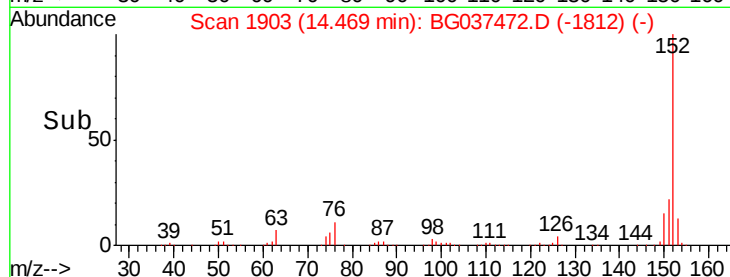
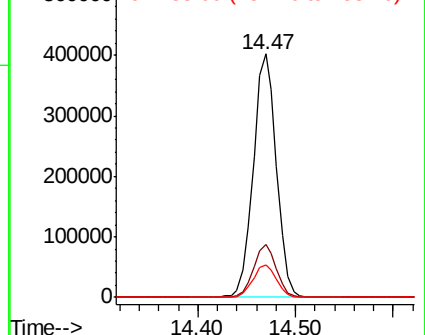
153 13.1 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.501 ng

RT: 14.19 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

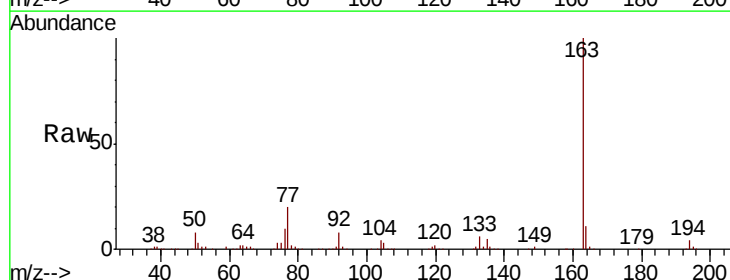
Tgt Ion:163 Resp: 534172

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

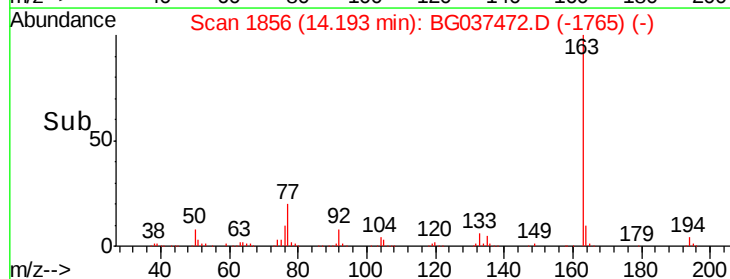
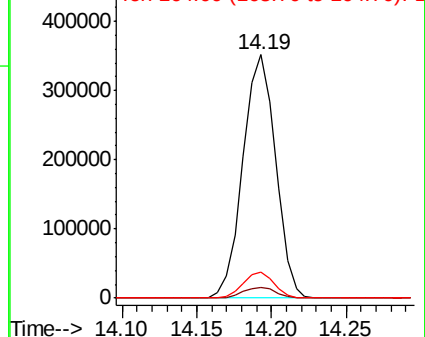
164 10.5 8.5 12.7

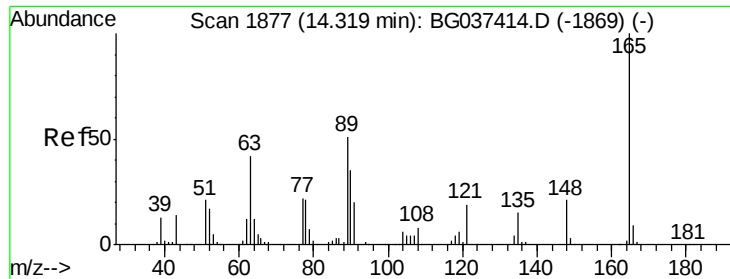


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

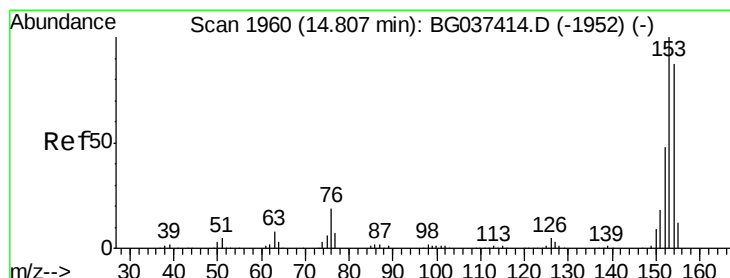
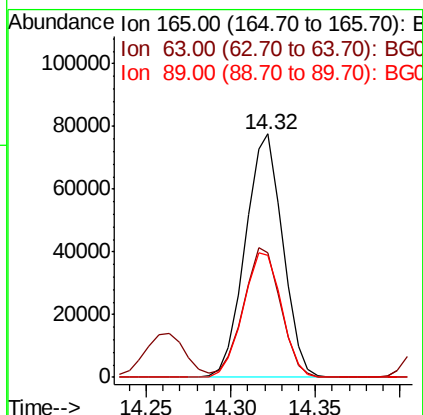
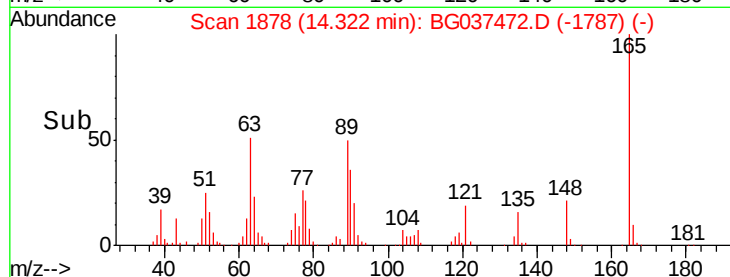
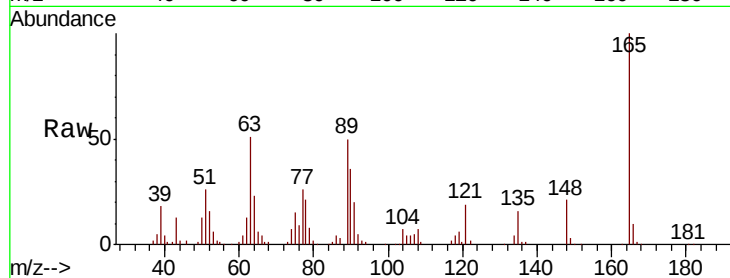




#51
 2,6-Dinitrotoluene
 Concen: 45.036 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

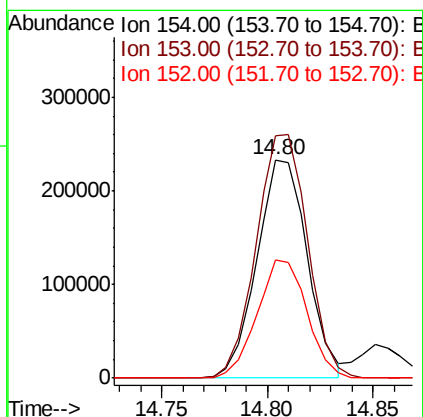
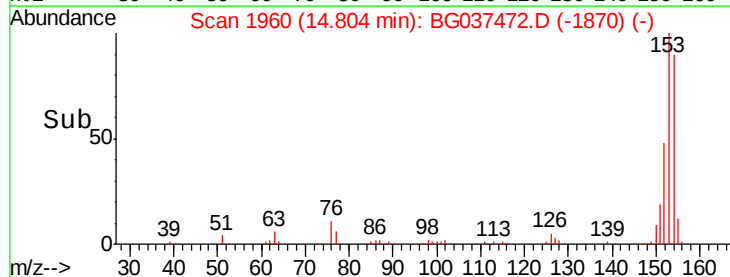
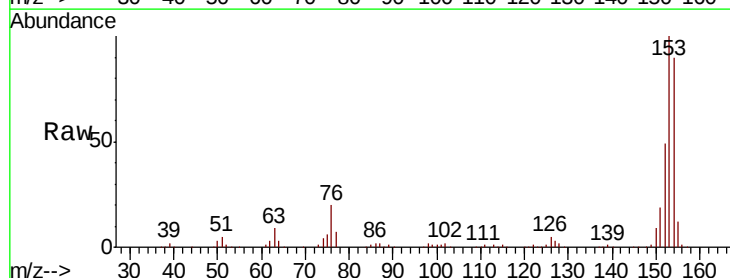
Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

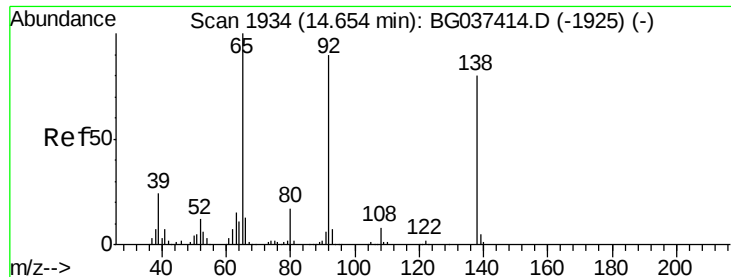
Tgt Ion:165 Resp: 119589
 Ion Ratio Lower Upper
 165 100
 63 51.4 43.4 65.2
 89 50.1 45.8 68.6



#52
 Acenaphthene
 Concen: 42.932 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion:154 Resp: 386661
 Ion Ratio Lower Upper
 154 100
 153 111.0 93.4 140.0
 152 54.4 44.7 67.1

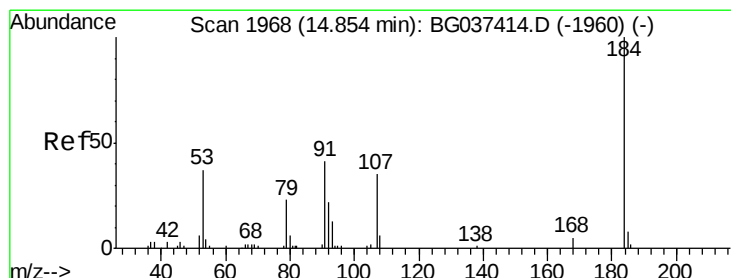
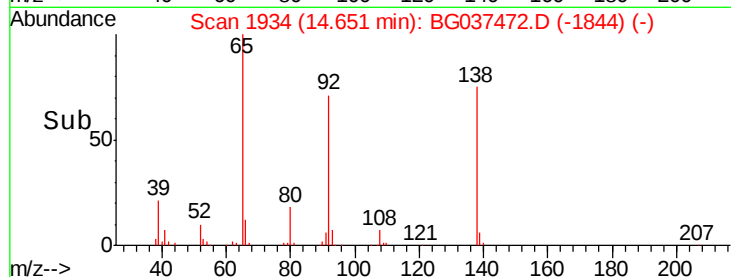
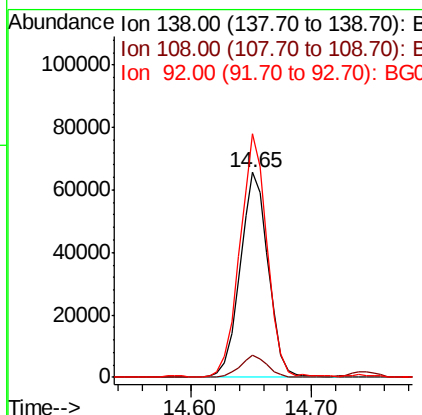
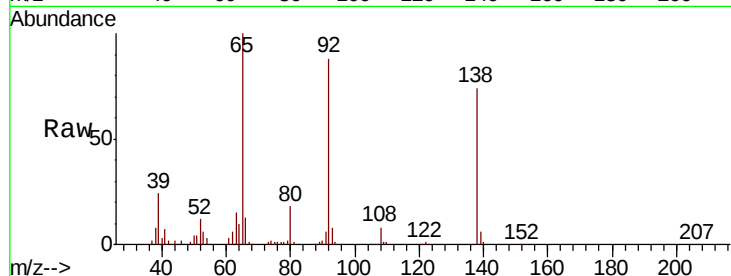




#53
 3-Nitroaniline
 Concen: 35.998 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

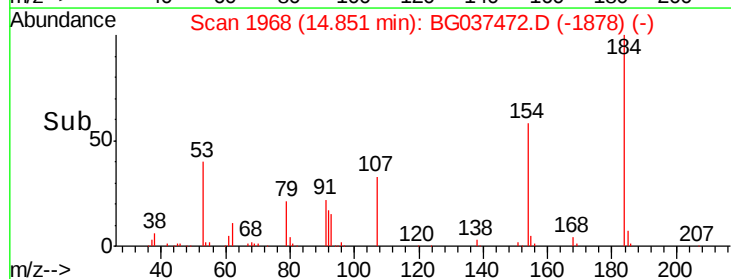
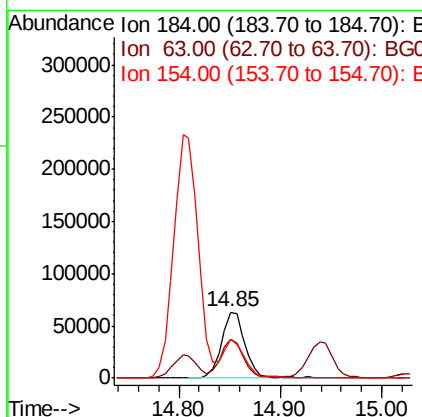
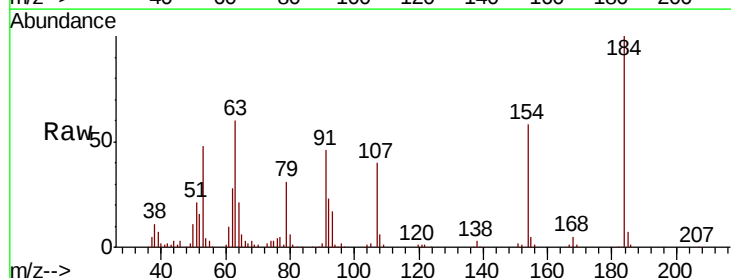
Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

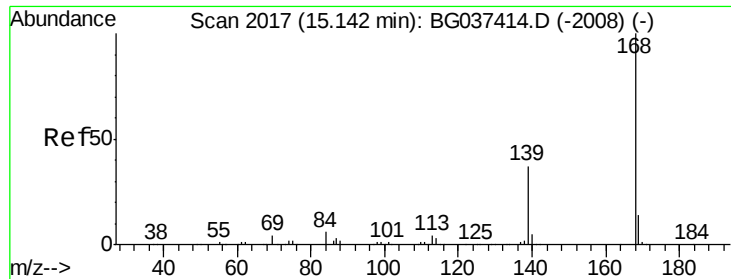
Tgt Ion:138 Resp: 106118
 Ion Ratio Lower Upper
 138 100
 108 10.7 11.0 16.6#
 92 118.7 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 84.705 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion:184 Resp: 103702
 Ion Ratio Lower Upper
 184 100
 63 59.6 42.6 63.8
 154 58.2 41.8 62.6

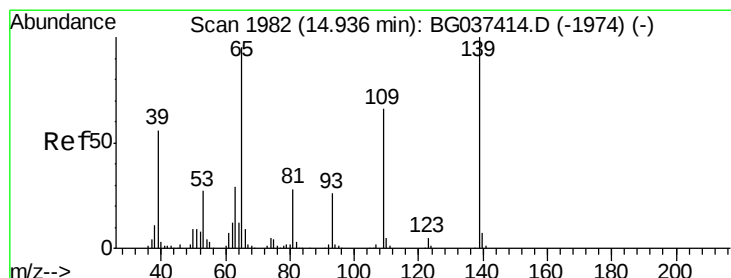
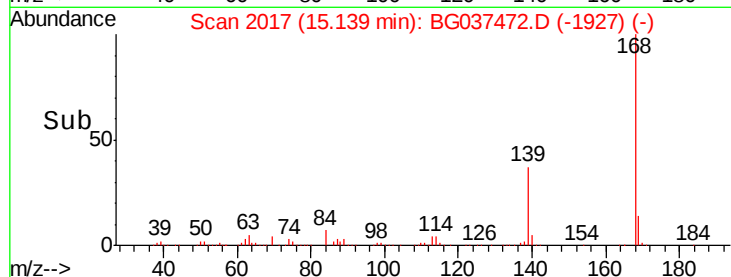
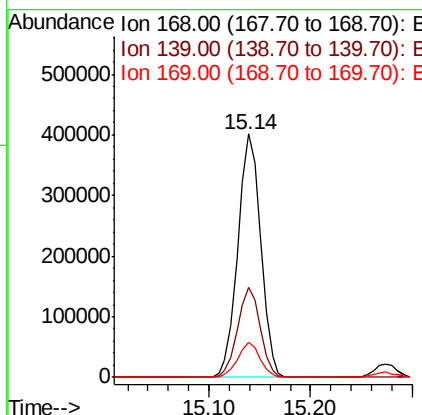
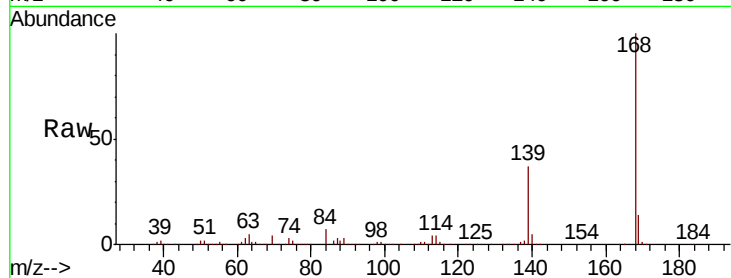




#55
Dibenzenofuran
Concen: 42.085 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

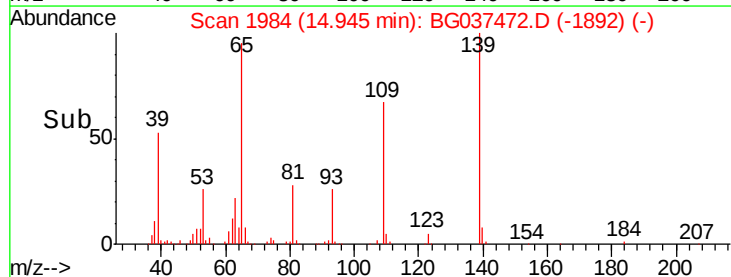
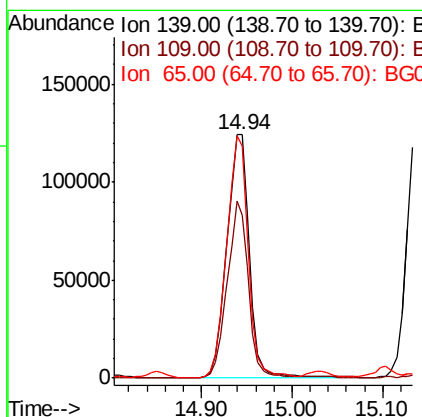
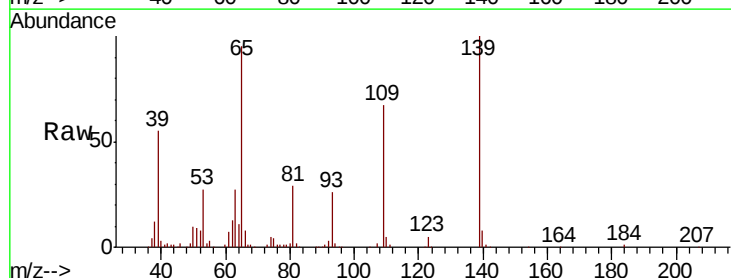
Instrument :
BNA_G
ClientSampleId :
PB113548BSD

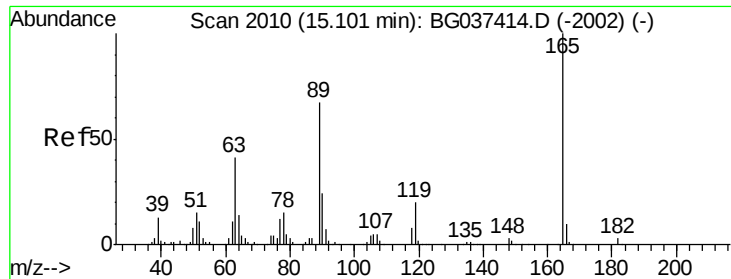
Tgt Ion:168 Resp: 627991
Ion Ratio Lower Upper
168 100
139 36.9 29.4 44.0
169 14.2 11.0 16.6



#56
4-Nitrophenol
Concen: 98.564 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion:139 Resp: 215069
Ion Ratio Lower Upper
139 100
109 67.1 49.5 89.5
65 95.4 76.8 116.8

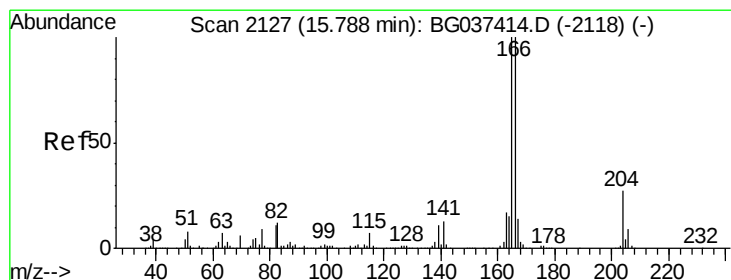
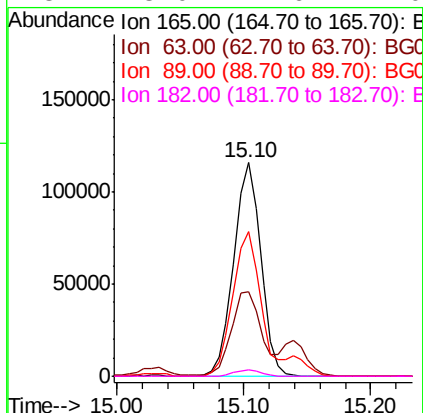
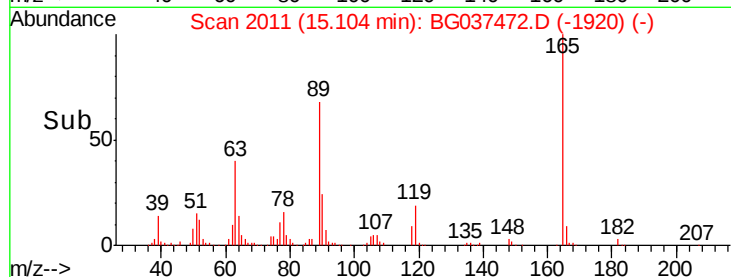
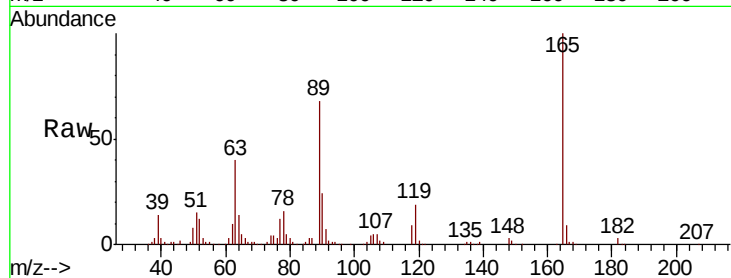




#57
2,4-Dinitrotoluene
Concen: 49.136 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

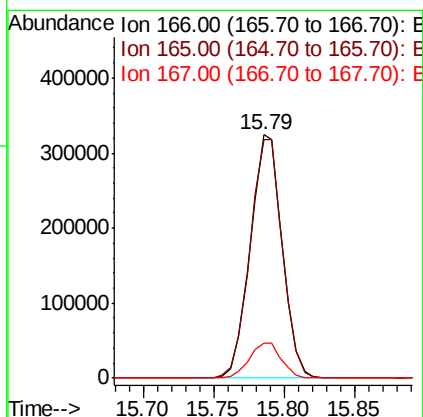
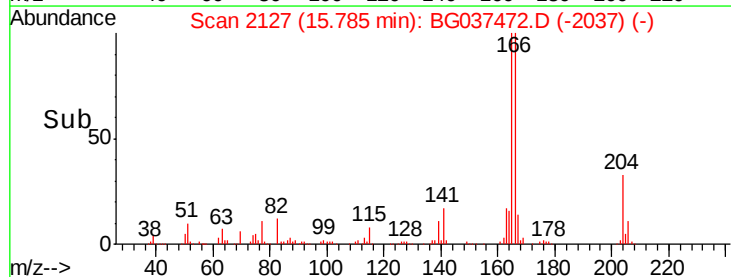
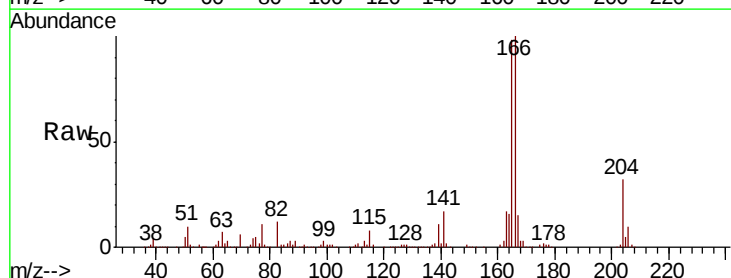
Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion:165 Resp: 171272
Ion Ratio Lower Upper
165 100
63 39.8 33.4 50.0
89 67.7 57.2 85.8
182 3.0 2.6 4.0



#58
Fluorene
Concen: 45.882 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion:166 Resp: 512707
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 14.6 11.3 16.9

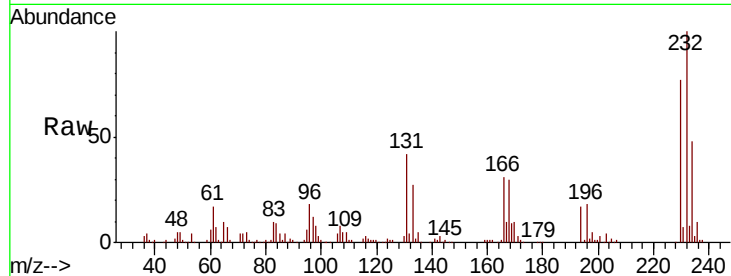




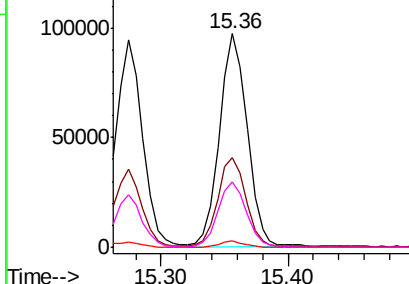
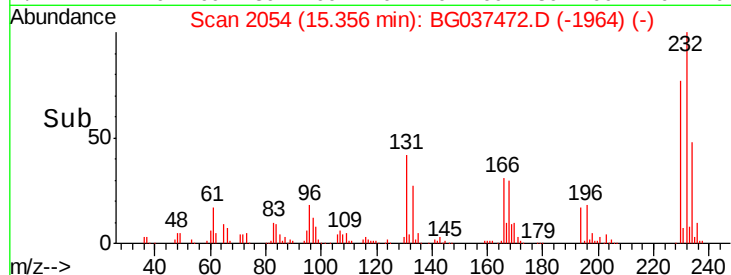
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.343 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampled :
 PB113548BSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.6	33.7	50.5
130	2.5	2.1	3.1
166	31.8	24.6	36.8

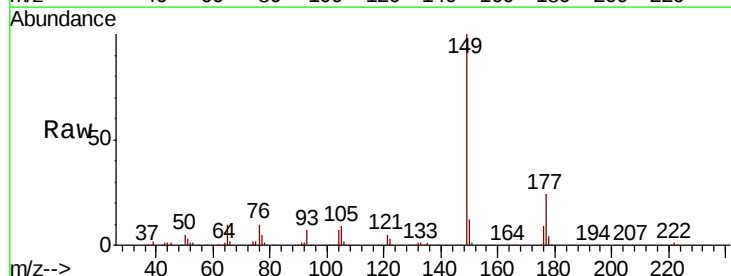


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

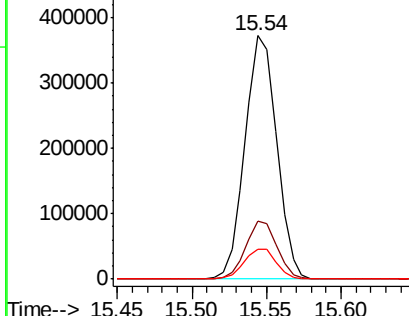
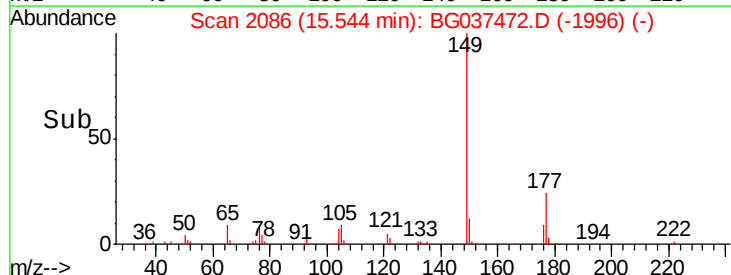


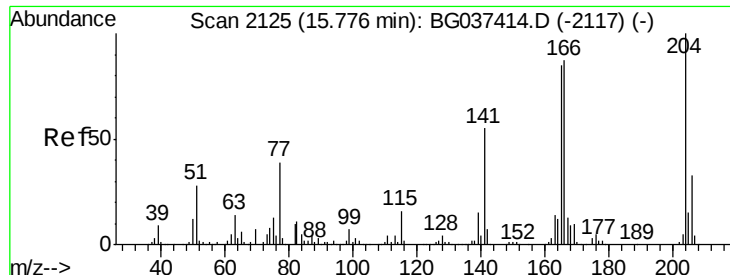
#60
 Diethylphthalate
 Concen: 44.439 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.3	27.5
150	12.4	10.0	15.0



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

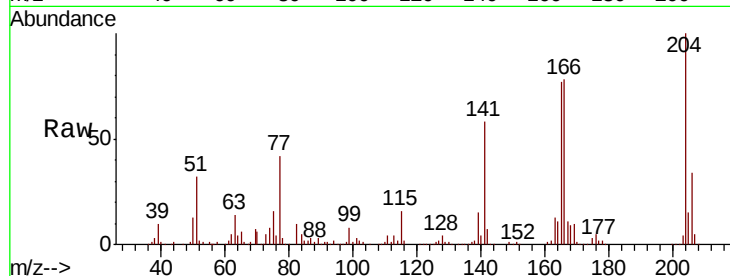




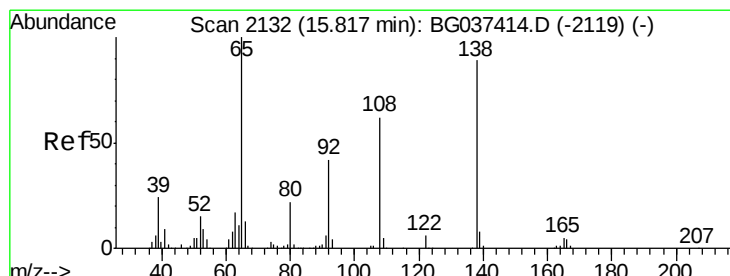
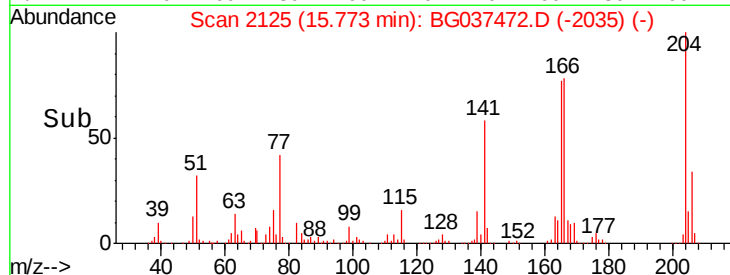
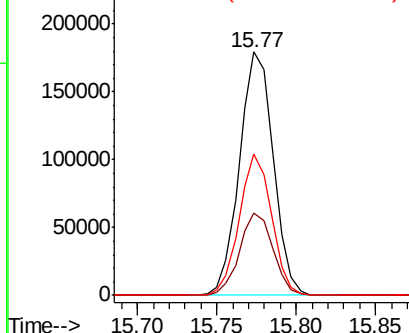
#61
 4-Chlorophenyl-phenylether
 Concen: 40.790 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Tgt Ion: 204 Resp: 265674
 Ion Ratio Lower Upper
 204 100
 206 33.7 26.6 39.8
 141 58.0 45.4 68.2

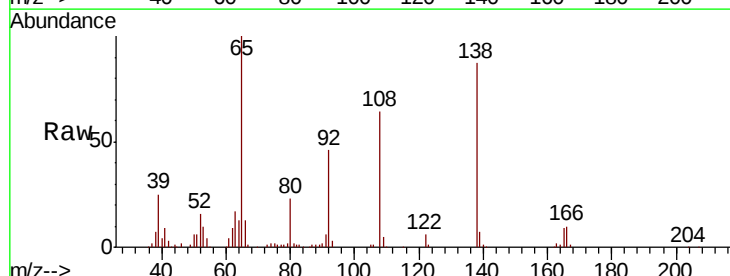


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

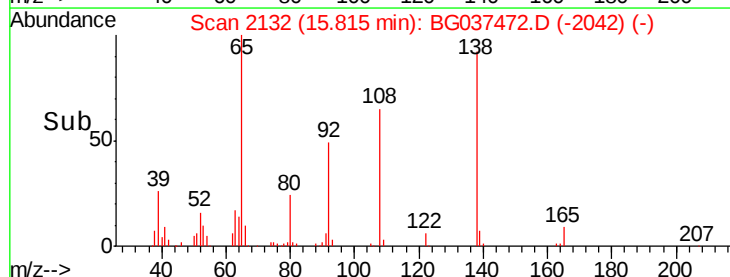
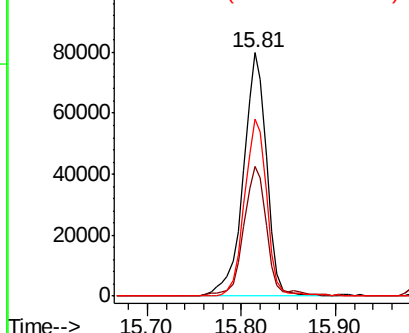


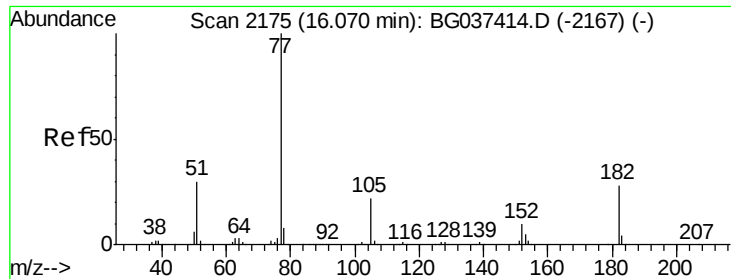
#62
 4-Nitroaniline
 Concen: 46.763 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion: 138 Resp: 136980
 Ion Ratio Lower Upper
 138 100
 92 53.0 36.4 76.4
 108 72.9 60.1 100.1



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





#63

Azobenzene

Concen: 44.047 ng

RT: 16.07 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

Tgt Ion: 77 Resp: 517911

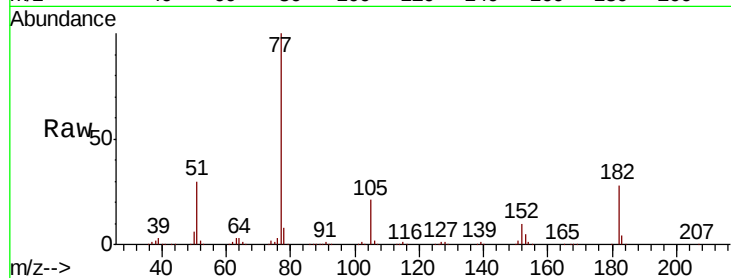
Ion Ratio Lower Upper

77 100

182 28.1 8.0 48.0

105 21.4 1.3 41.3

51 29.5 10.7 50.7

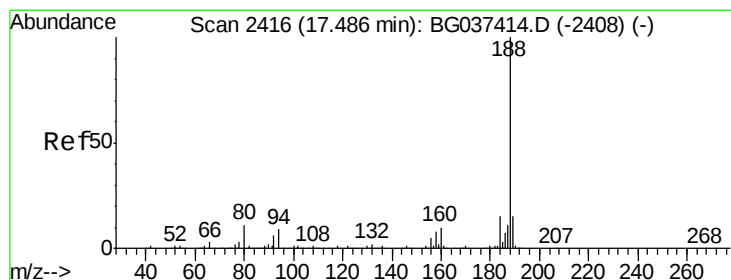
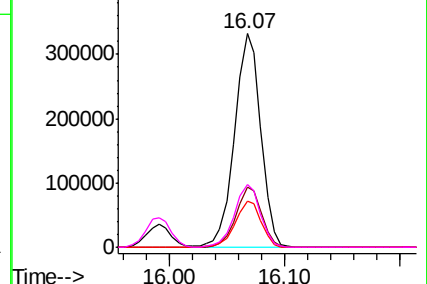
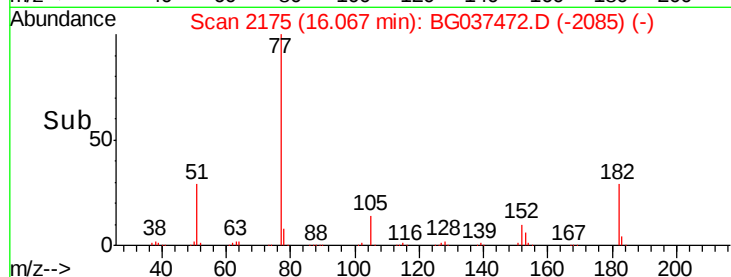


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

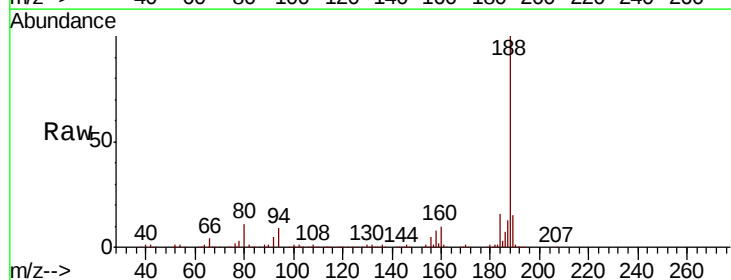
Tgt Ion: 188 Resp: 388097

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

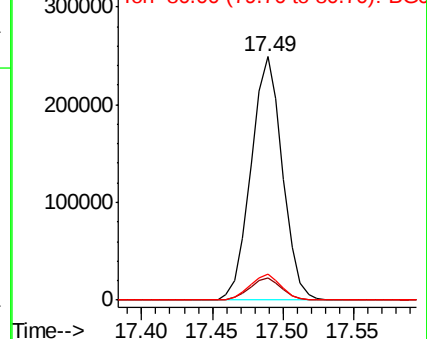
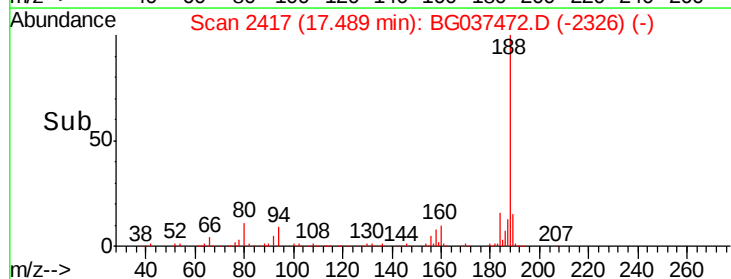
80 10.6 7.7 11.5

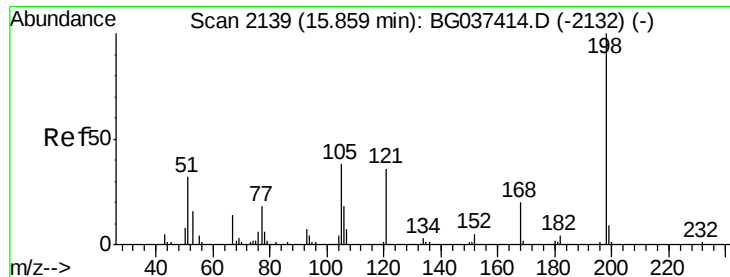


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.659 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

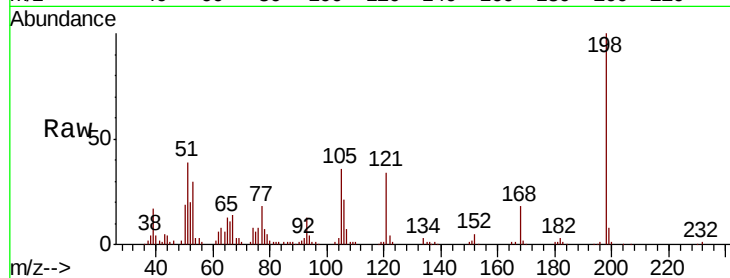
Tgt Ion:198 Resp: 84535

Ion Ratio Lower Upper

198 100

51 39.0 22.7 62.7

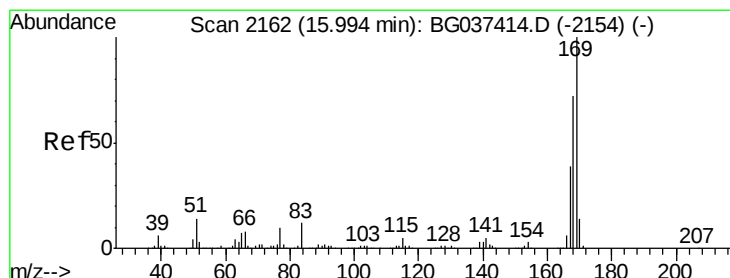
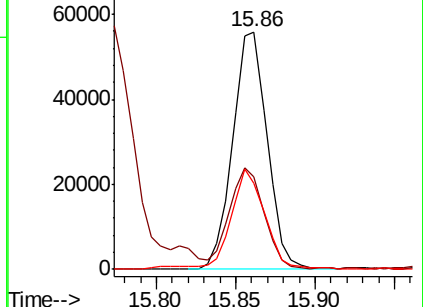
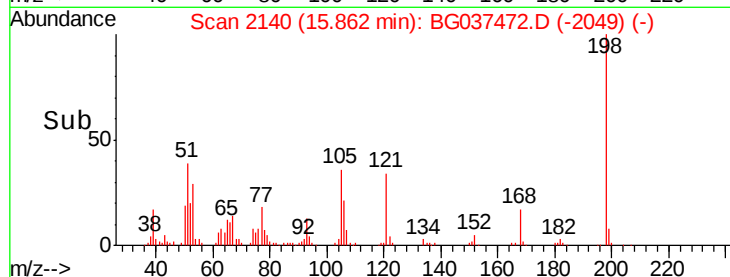
105 36.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.648 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

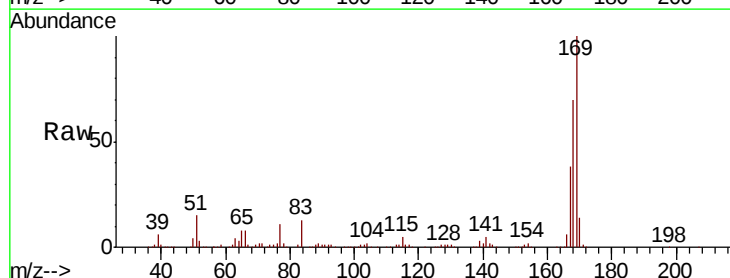
Tgt Ion:169 Resp: 474529

Ion Ratio Lower Upper

169 100

168 70.0 55.7 83.5

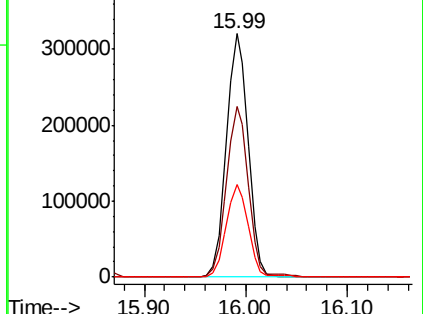
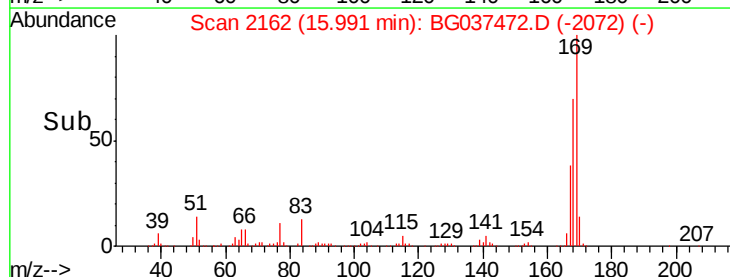
167 38.2 31.3 46.9

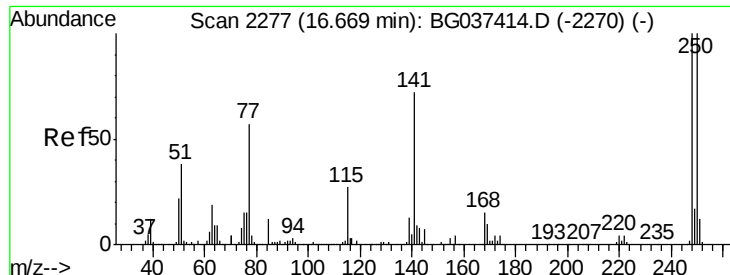


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.336 ng

RT: 16.67 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

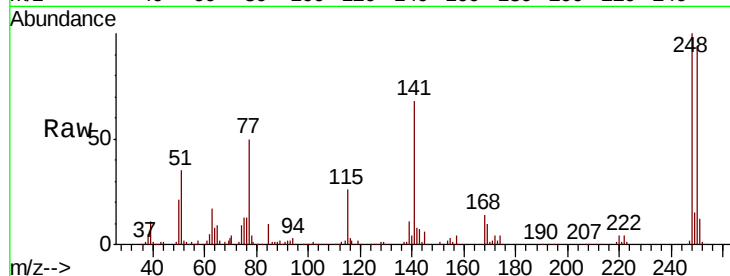
Tgt Ion:248 Resp: 171911

Ion Ratio Lower Upper

248 100

250 93.7 77.0 115.6

141 67.9 55.5 83.3

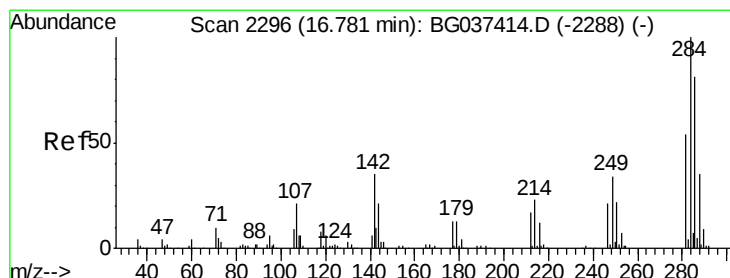
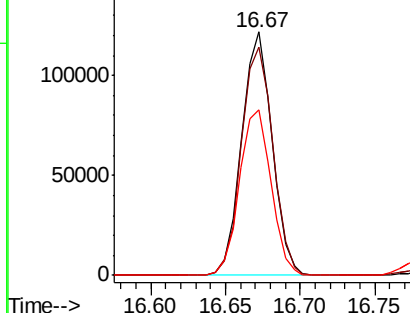
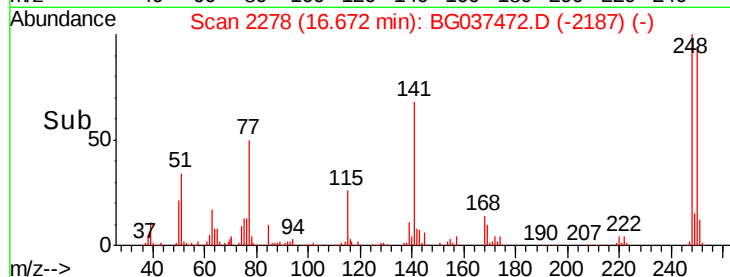


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 38.839 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

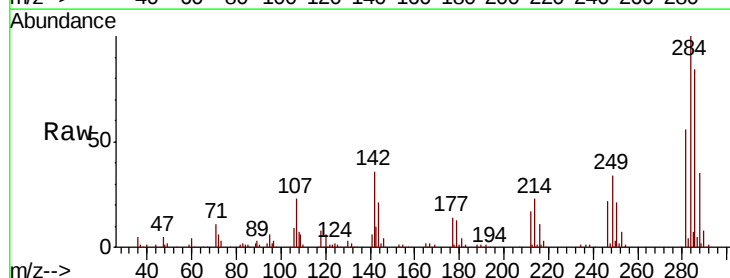
Tgt Ion:284 Resp: 171558

Ion Ratio Lower Upper

284 100

142 35.6 28.1 42.1

249 36.4 29.8 44.8

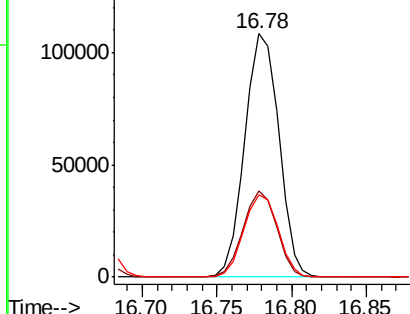
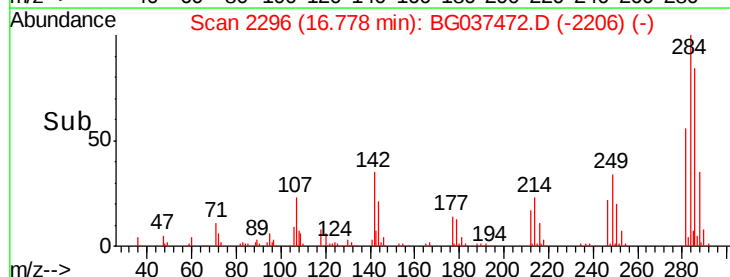


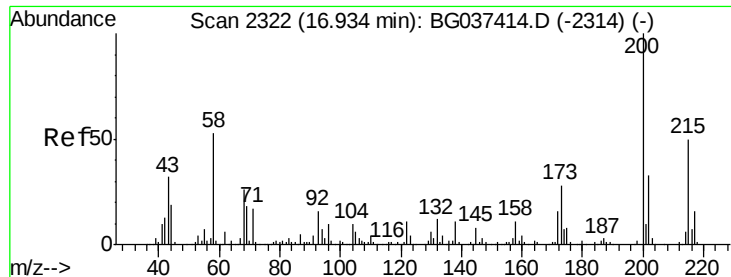
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

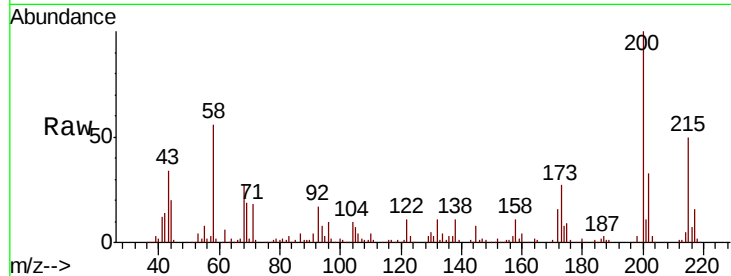




#69
 Atrazine
 Concen: 43.973 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.1	46.1
215	50.4	30.8	70.8

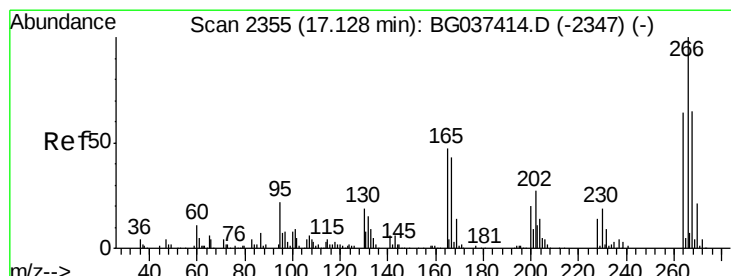
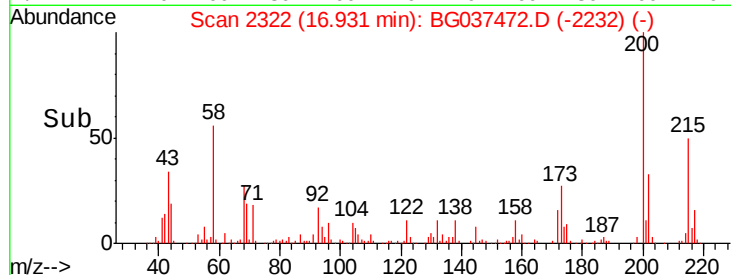
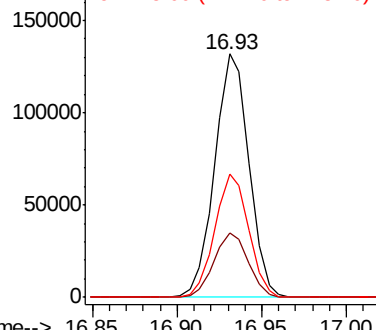


Abundance

Ion 200.00 (199.70 to 200.70): E

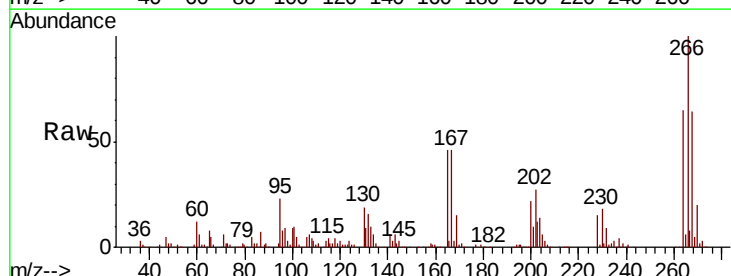
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 74.044 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.1	55.0	82.6
264	70.2	58.9	88.3

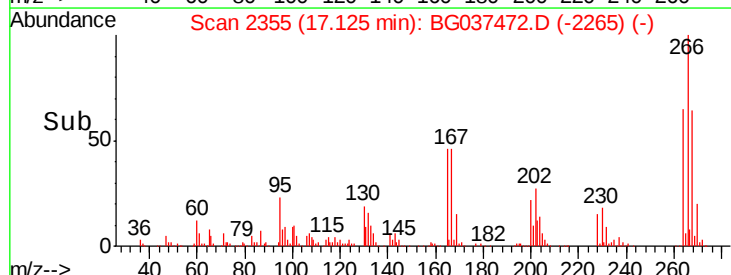
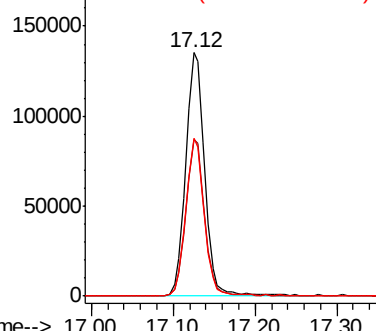


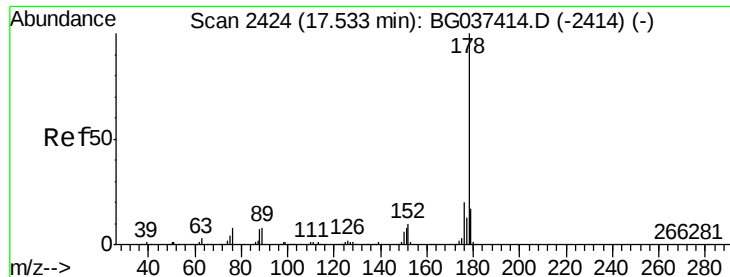
Abundance

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

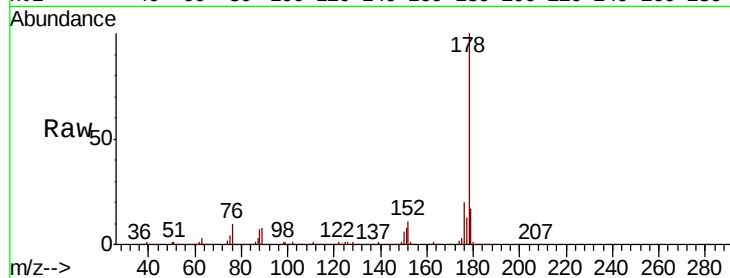




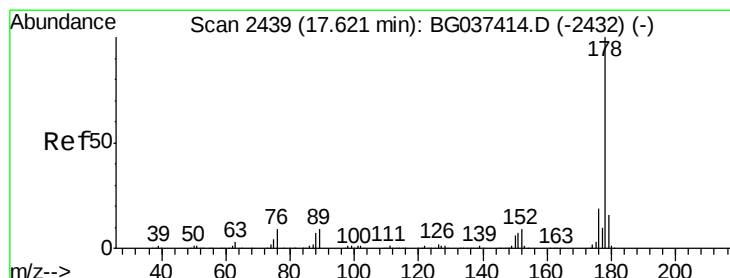
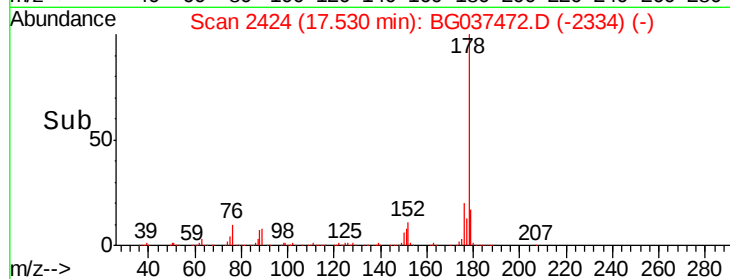
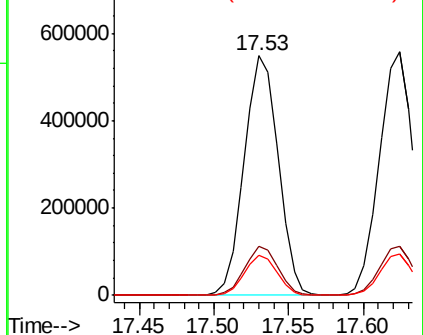
#71
Phenanthrene
Concen: 43.891 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion:178 Resp: 865726
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.8 13.0 19.4

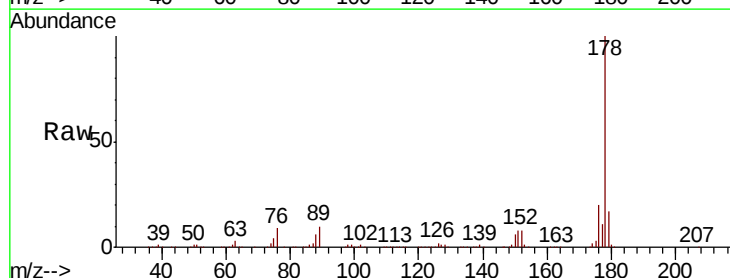


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

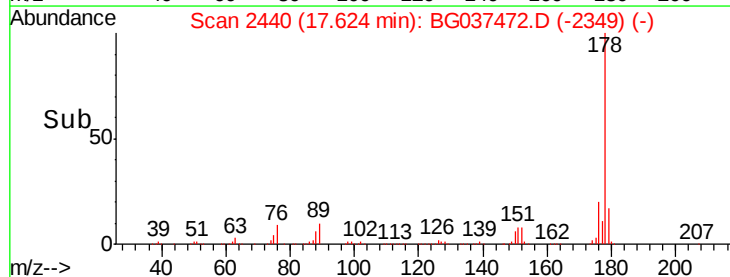
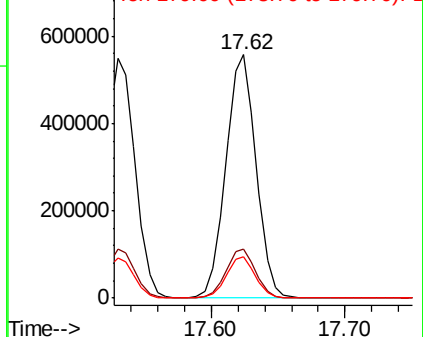


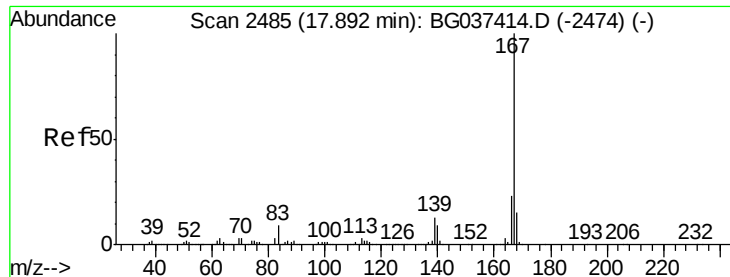
#72
Anthracene
Concen: 45.395 ng
RT: 17.62 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion:178 Resp: 878700
Ion Ratio Lower Upper
178 100
176 20.1 15.0 22.4
179 16.8 12.8 19.2



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





#73

Carbazole

Concen: 42.269 ng

RT: 17.89 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

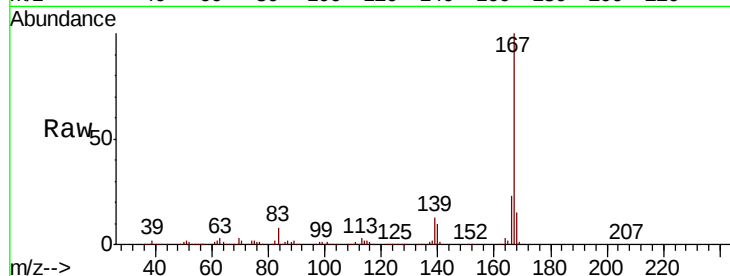
Tgt Ion:167 Resp: 818425

Ion Ratio Lower Upper

167 100

166 23.2 18.3 27.5

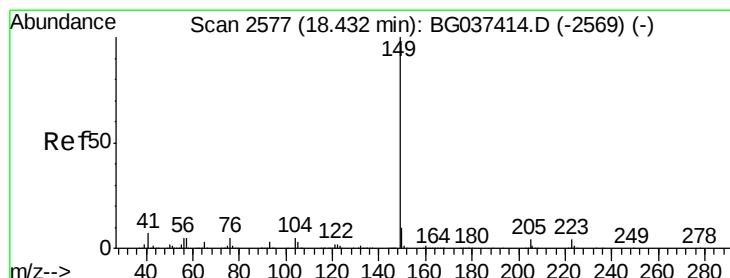
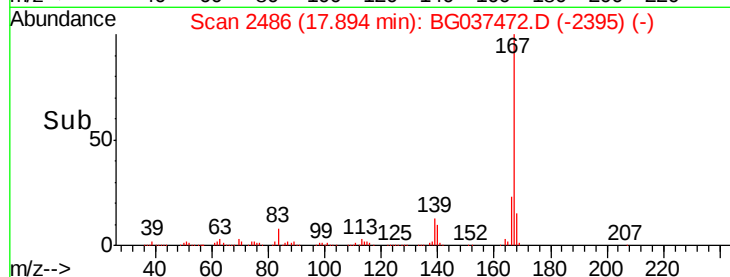
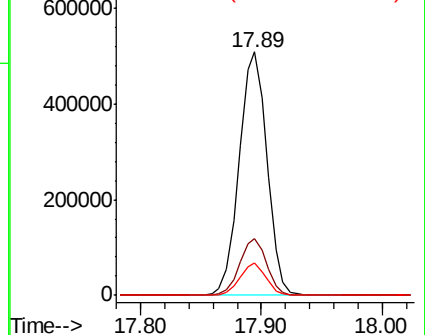
139 13.2 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.125 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

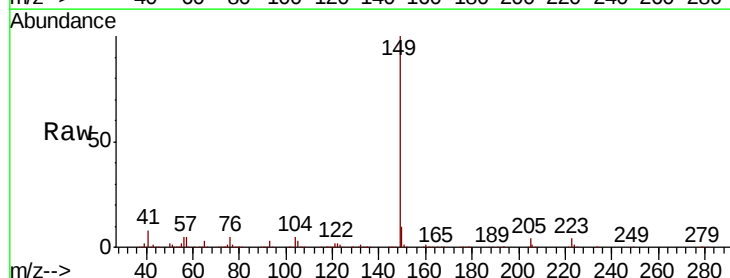
Tgt Ion:149 Resp: 971942

Ion Ratio Lower Upper

149 100

150 10.2 8.2 12.2

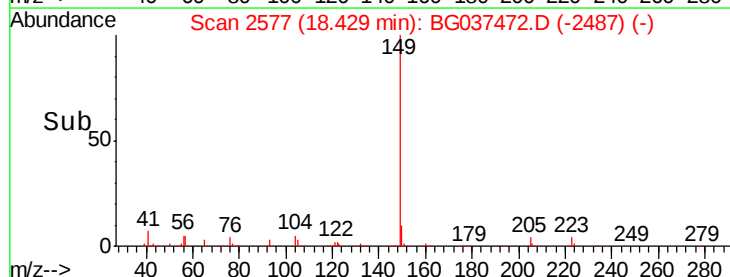
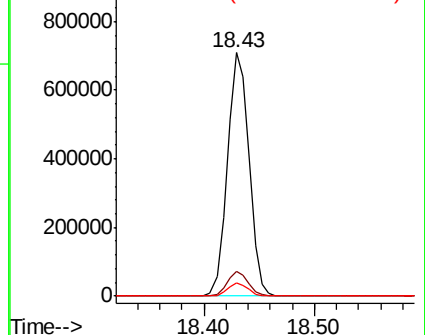
104 5.2 4.0 6.0

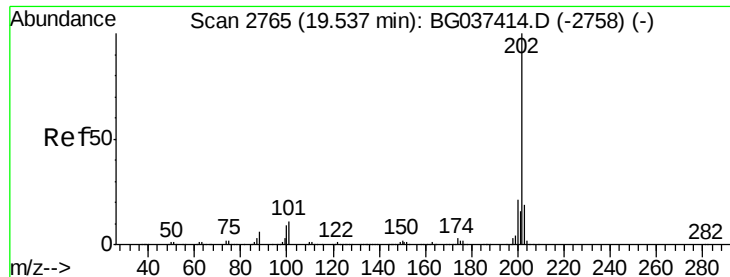


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.571 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

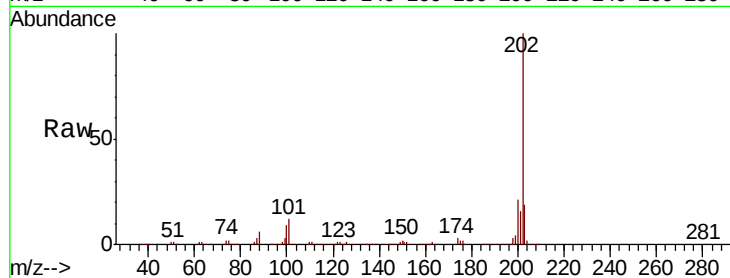
Tgt Ion:202 Resp: 1041848

Ion Ratio Lower Upper

202 100

101 11.8 0.0 30.7

203 18.9 0.0 38.5

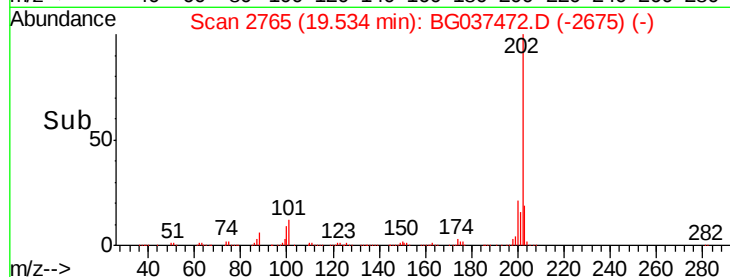


Abundance Ion 202.00 (201.70 to 202.70): E

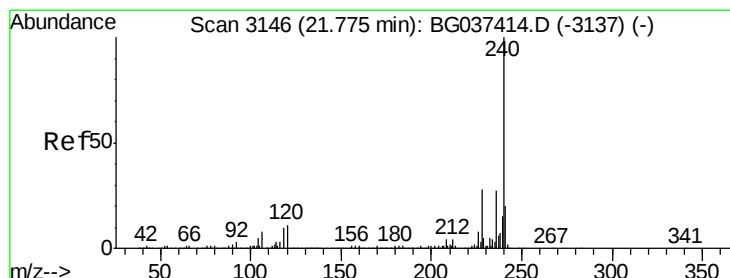
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.53



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

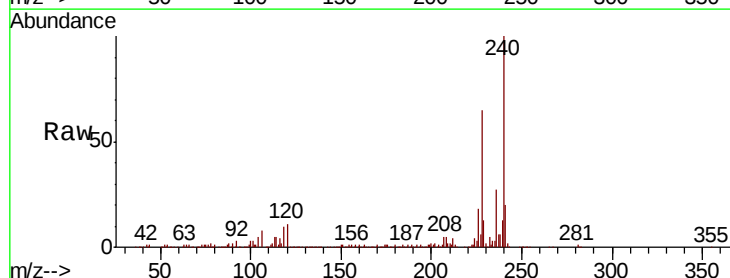
Tgt Ion:240 Resp: 352372

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

236 27.1 21.4 32.0

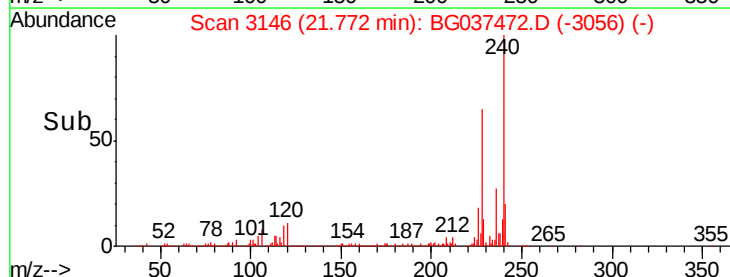


Abundance Ion 240.00 (239.70 to 240.70): E

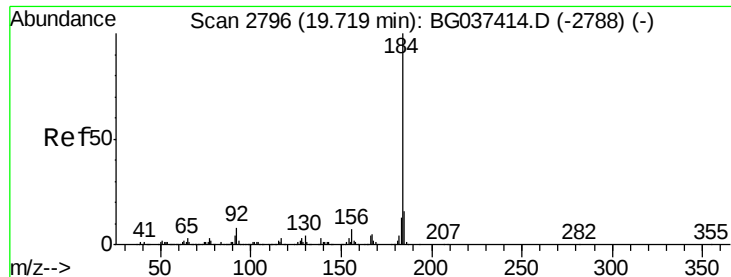
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.77



Time-->



#77

Benzidine

Concen: 44.398 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

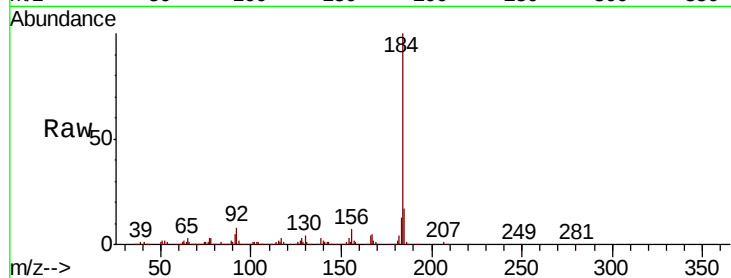
Tgt Ion:184 Resp: 531952

Ion Ratio Lower Upper

184 100

185 17.1 12.6 18.8

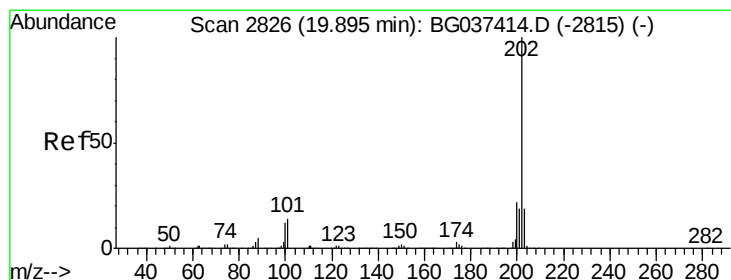
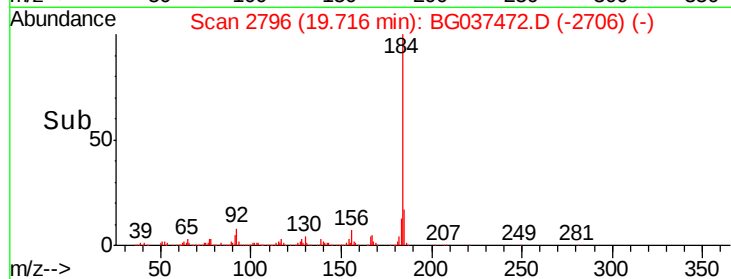
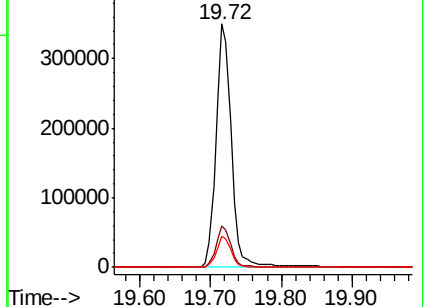
183 12.7 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.778 ng

RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

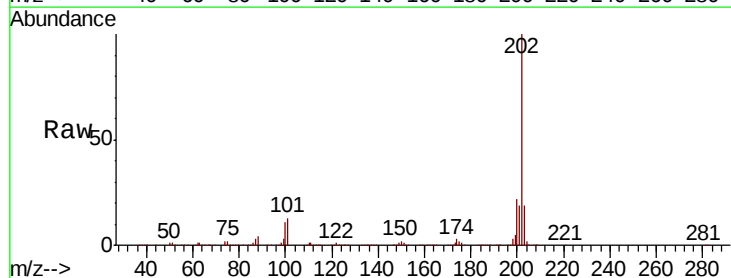
Tgt Ion:202 Resp: 1031461

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.6

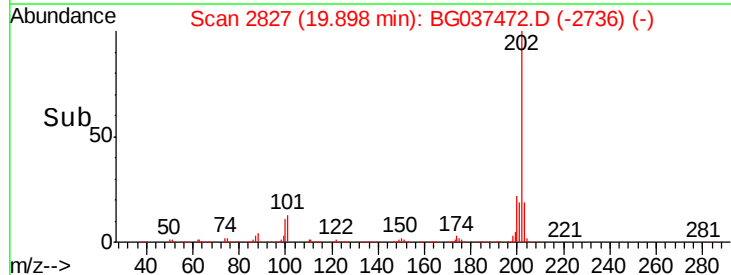
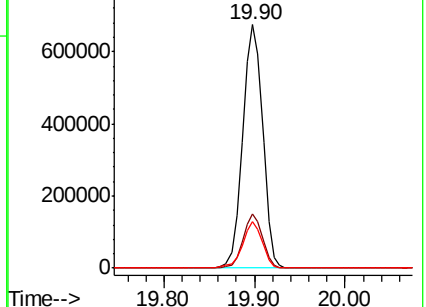
203 19.2 15.2 22.8

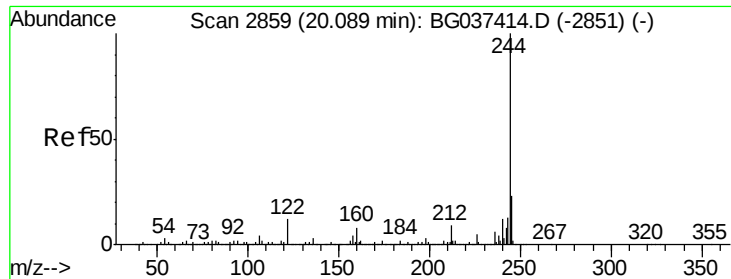


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.488 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

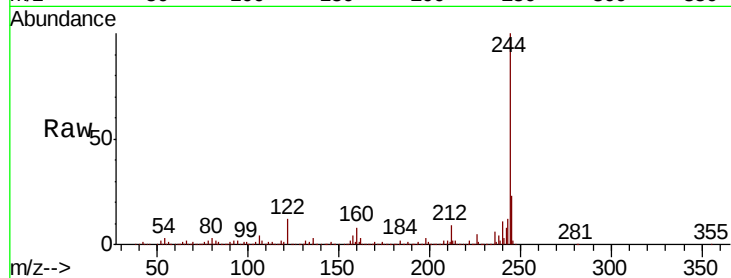
Tgt Ion:244 Resp: 1409780

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

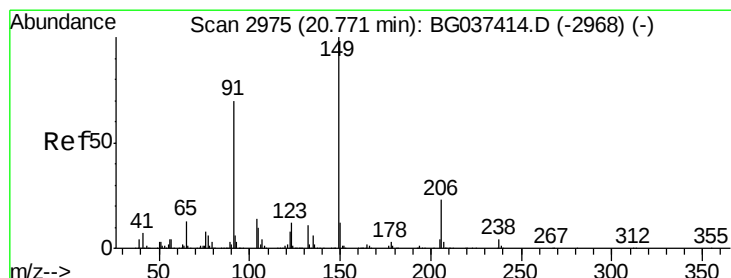
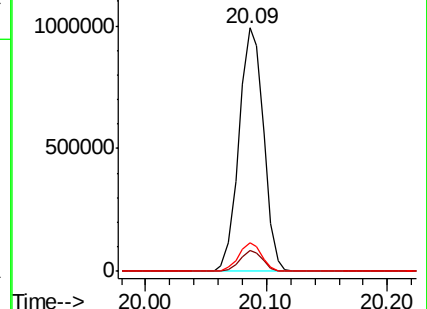
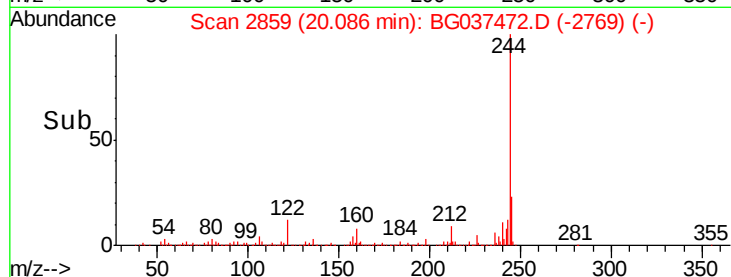
122 11.7 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.228 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

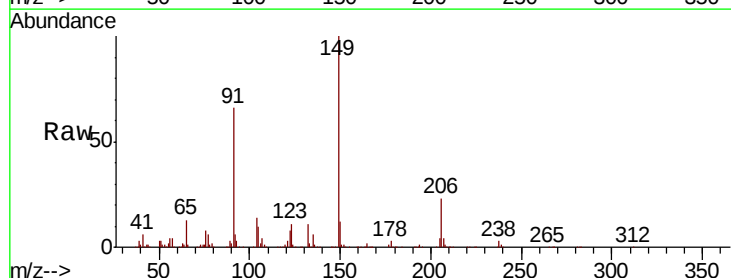
Tgt Ion:149 Resp: 435810

Ion Ratio Lower Upper

149 100

91 66.5 57.0 85.4

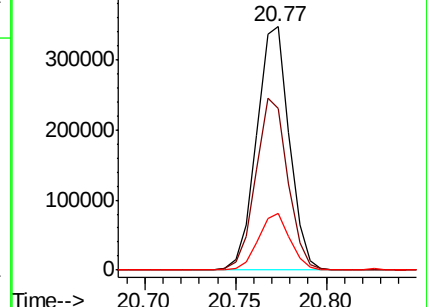
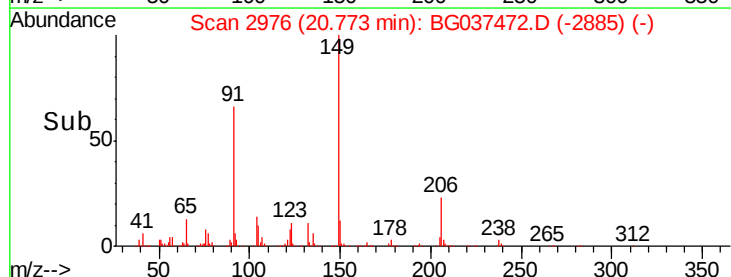
206 23.1 17.8 26.6

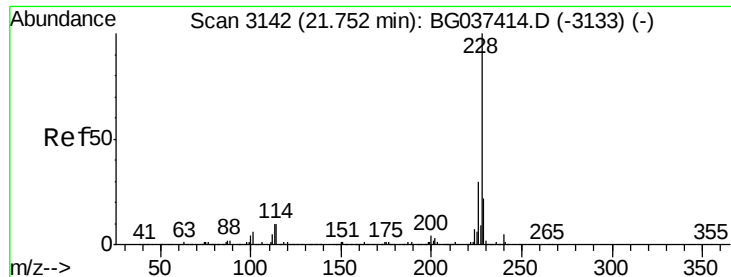


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.223 ng

RT: 21.75 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

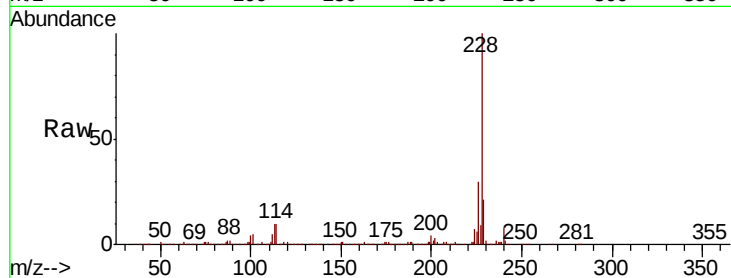
Tgt Ion:228 Resp: 963401

Ion Ratio Lower Upper

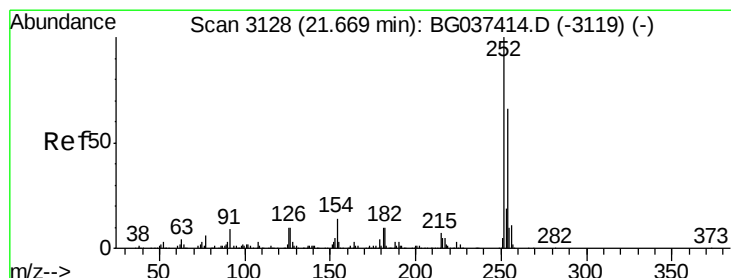
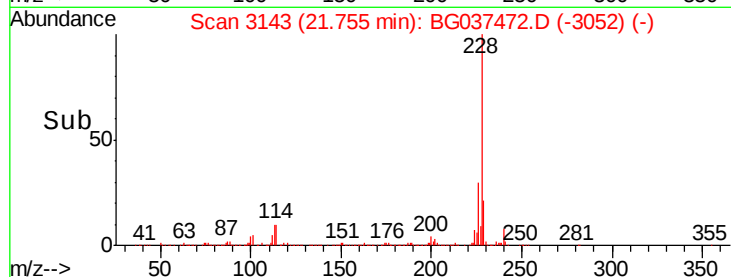
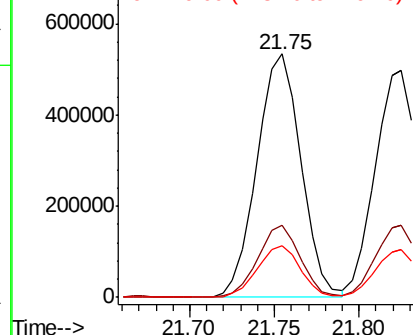
228 100

226 29.6 22.6 33.8

229 21.1 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 33.847 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

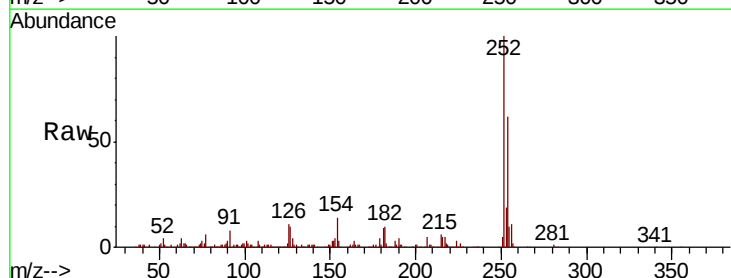
Tgt Ion:252 Resp: 273443

Ion Ratio Lower Upper

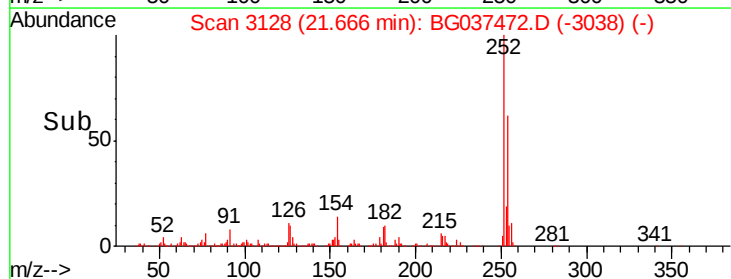
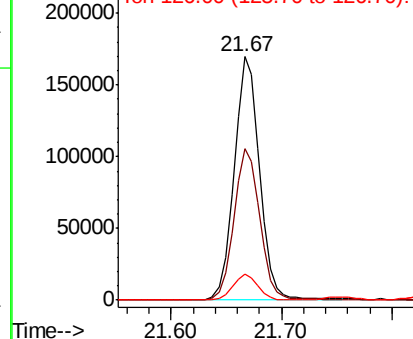
252 100

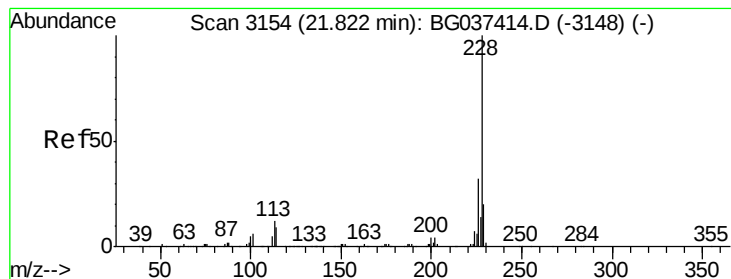
254 62.1 52.0 78.0

126 10.7 8.2 12.4



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





#83

Chrysene

Concen: 44.376 ng

RT: 21.83 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

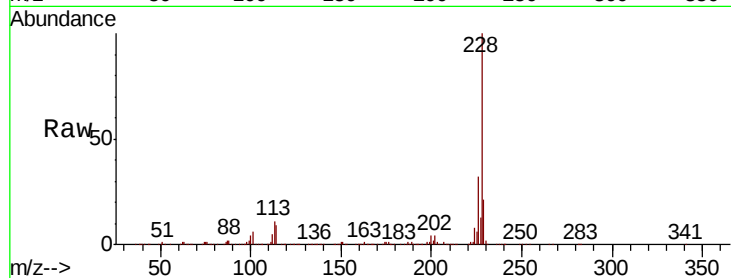
Tgt Ion:228 Resp: 889369

Ion Ratio Lower Upper

228 100

226 31.9 25.7 38.5

229 20.9 16.5 24.7

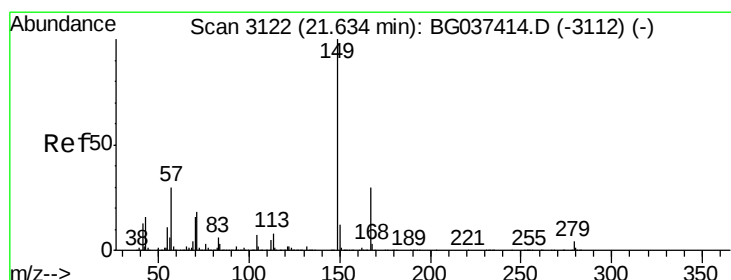
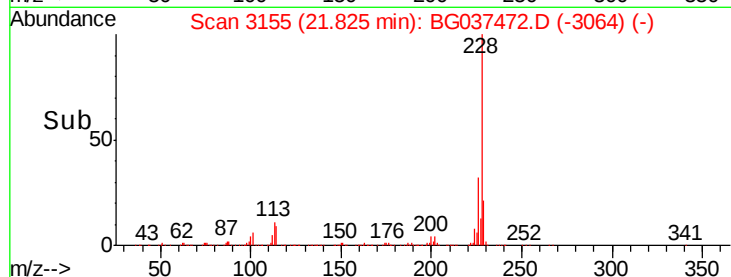
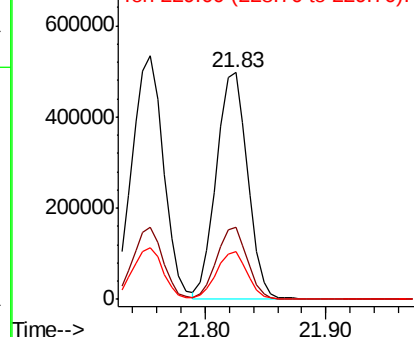


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.785 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

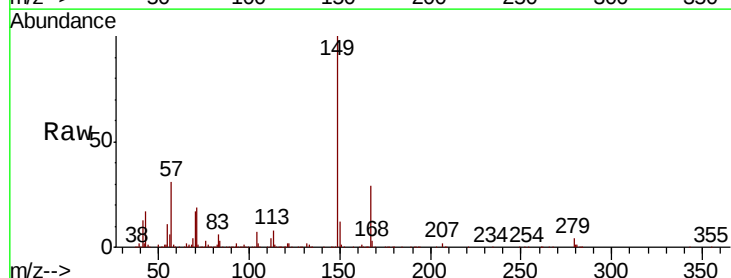
Tgt Ion:149 Resp: 605018

Ion Ratio Lower Upper

149 100

167 29.2 23.0 34.4

279 4.4 3.6 5.4

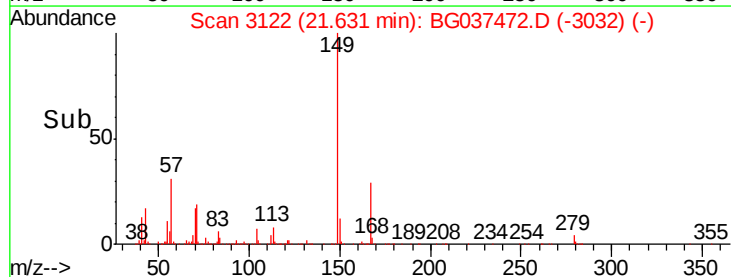
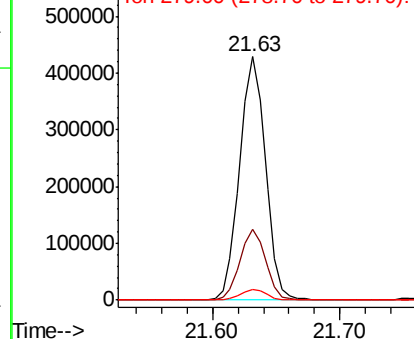


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.446 ng

RT: 22.88 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

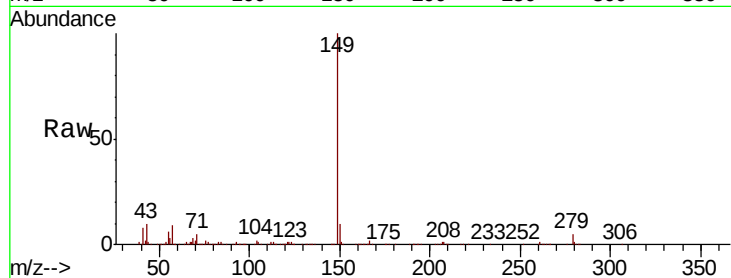
Tgt Ion:149 Resp: 1022379

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

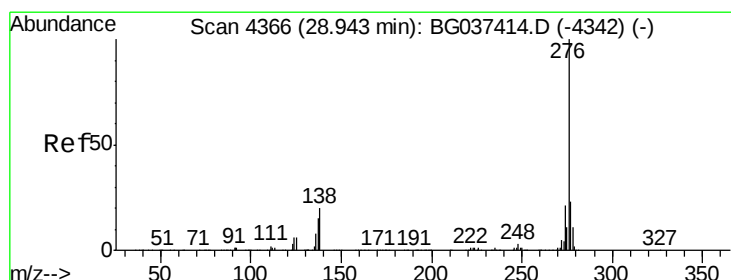
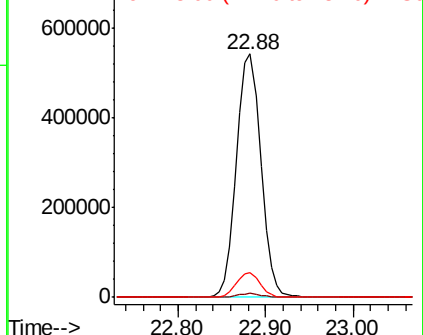
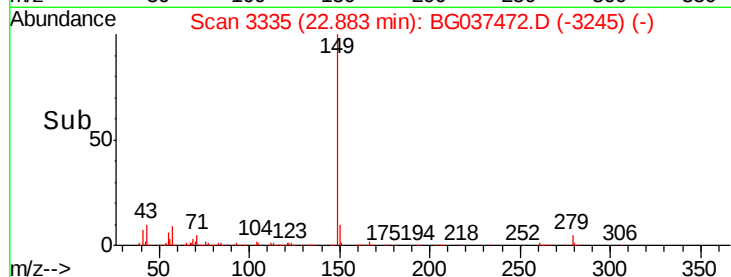
43 10.1 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.154 ng

RT: 28.94 min Scan# 4366

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

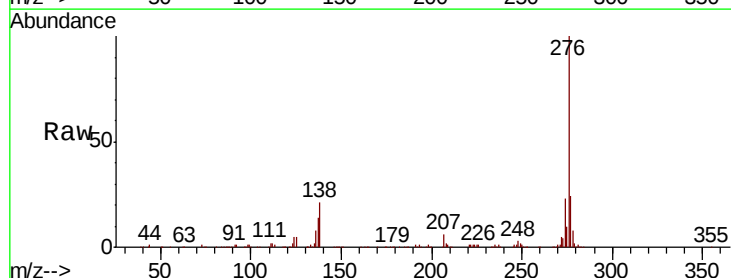
Tgt Ion:276 Resp: 992114

Ion Ratio Lower Upper

276 100

138 16.6 12.0 18.0

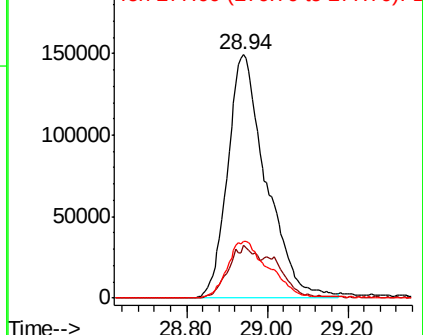
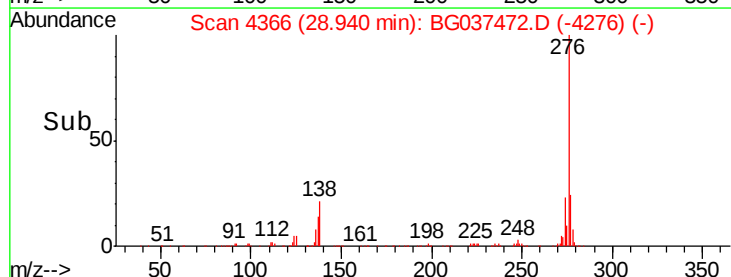
277 25.2 20.6 30.8

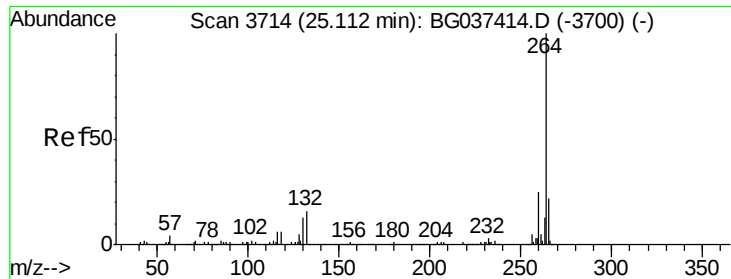


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

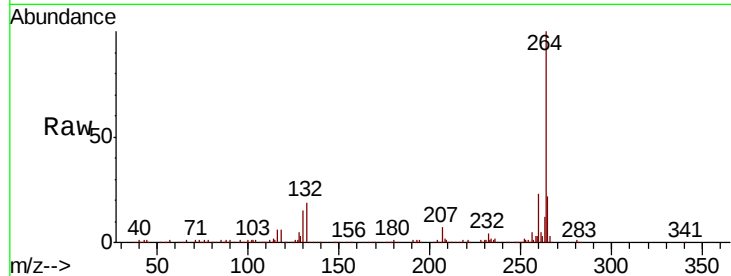
Tgt Ion:264 Resp: 371947

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 22.1 17.9 26.9

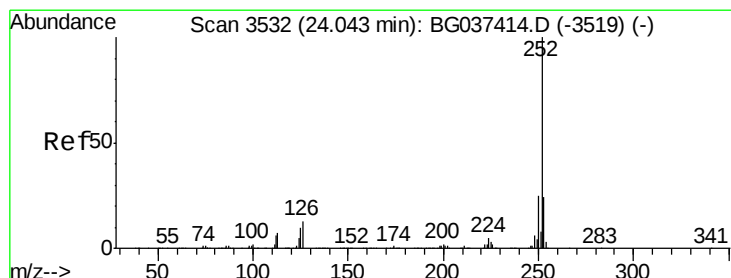
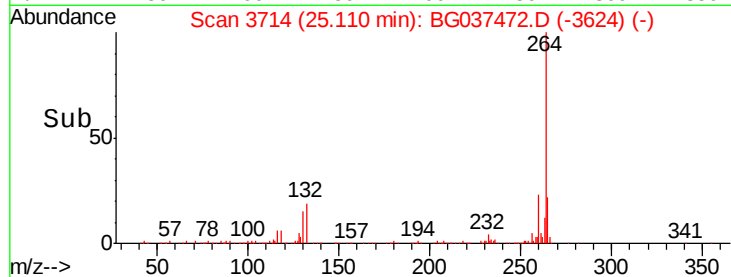
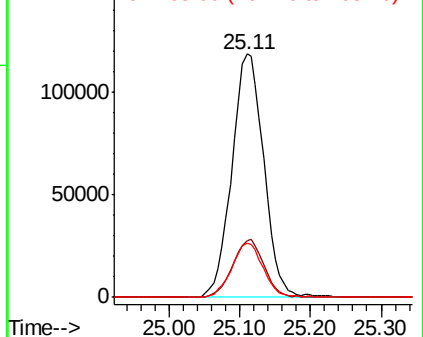


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.876 ng

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

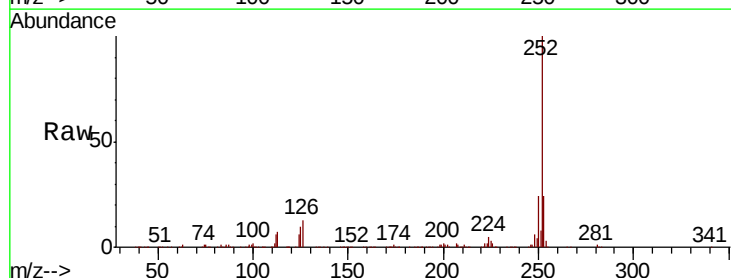
Tgt Ion:252 Resp: 955870

Ion Ratio Lower Upper

252 100

253 23.9 18.2 27.2

125 10.5 7.8 11.6

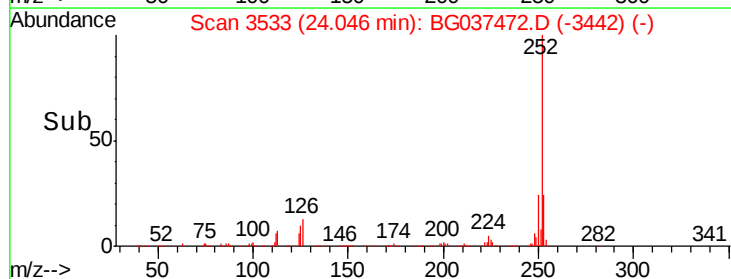
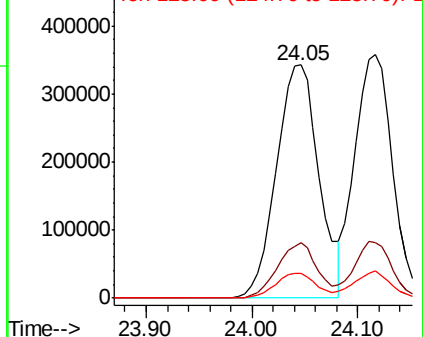


Abundance

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

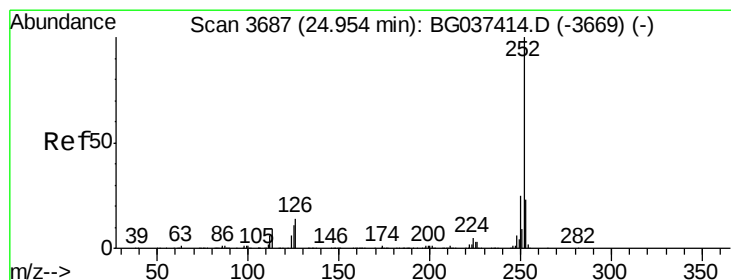
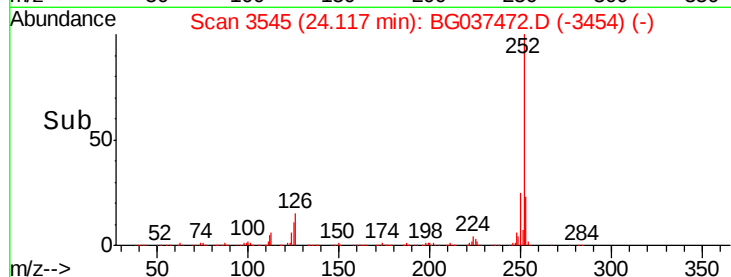
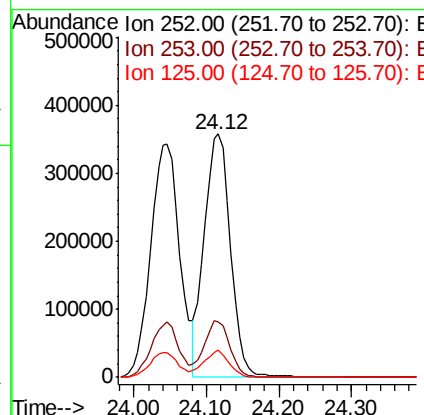
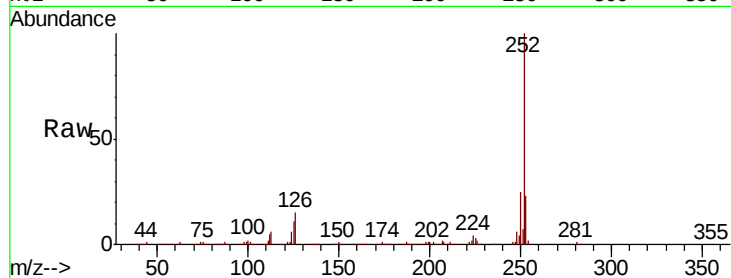




#89
Benzo(k)fluoranthene
Concen: 44.771 ng
RT: 24.12 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

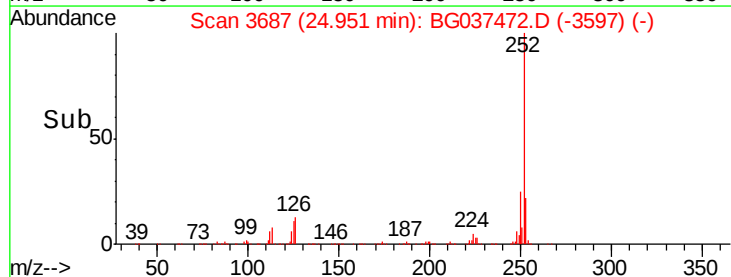
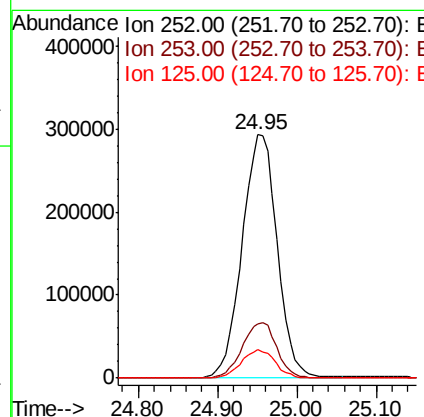
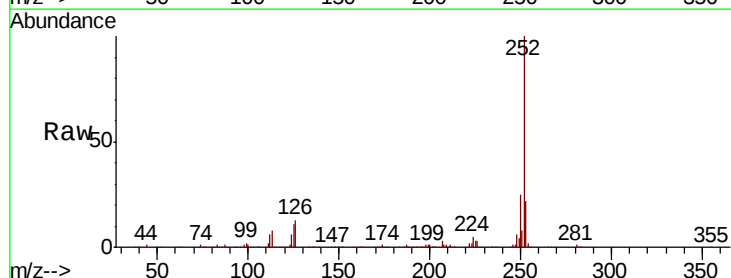
Instrument :
BNA_G
ClientSampleId :
PB113548BSD

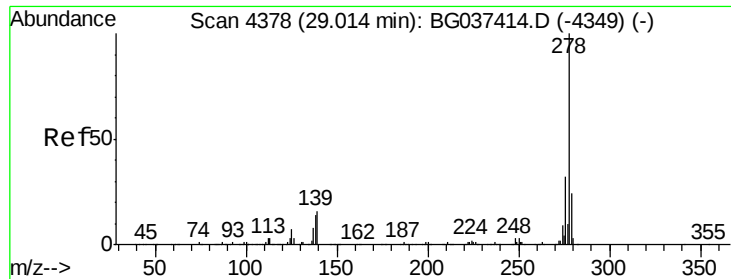
Tgt Ion:252 Resp: 894440
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 11.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 46.414 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion:252 Resp: 899353
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.5 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 45.256 ng

RT: 29.02 min Scan# 4379

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

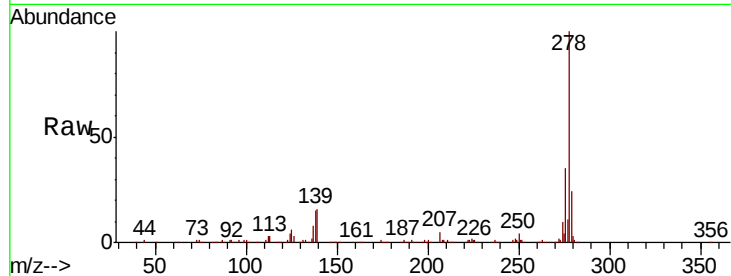
Tgt Ion:278 Resp: 808877

Ion Ratio Lower Upper

278 100

139 16.3 11.5 17.3

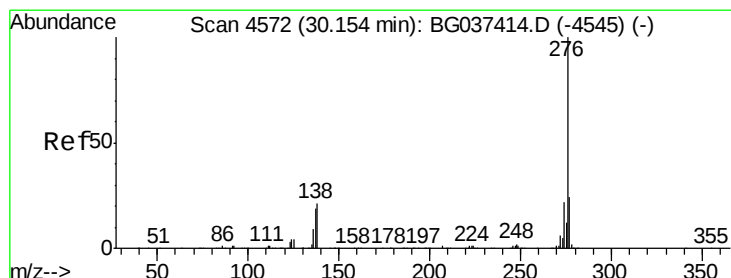
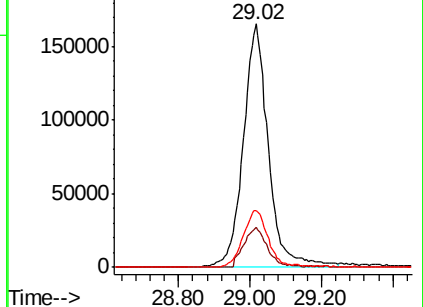
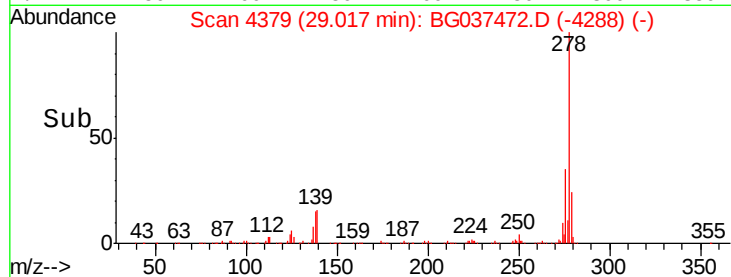
279 23.5 18.6 27.8



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



#92

Benzo(g,h,i)perylene

Concen: 45.440 ng

RT: 30.15 min Scan# 4572

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

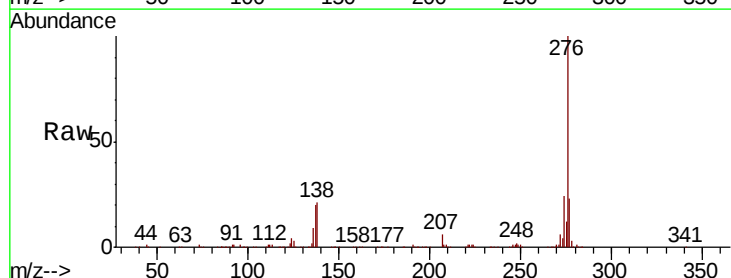
Tgt Ion:276 Resp: 821685

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 21.4 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

