

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037801.D
 Acq On : 5 Nov 2018 13:53
 Operator : JU/SJ
 Sample : PB114440BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 05 15:55:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 05 13:45:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	50942	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	230951	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	151422	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	343681	20.00	ng	0.00
76) Chrysene-d12	21.76	240	311856	20.00	ng	0.00
87) Perylene-d12	25.09	264	310113	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	495380	162.58	ng	0.00
7) Phenol-d6	7.25	99	705515	153.12	ng	0.00
23) Nitrobenzene-d5	9.27	82	329349	79.89	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	259948	157.40	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	811115	80.78	ng	0.00
79) Terphenyl-d14	20.07	244	1135251	77.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	60721	39.296	ng	92
3) Pyridine	3.93	79	132242	33.955	ng	91
4) n-Nitrosodimethylamine	3.84	42	55305	39.867	ng	# 90
6) Aniline	7.42	93	181358	32.265	ng	94
8) 2-Chlorophenol	7.66	128	154835	43.437	ng	98
9) Benzaldehyde	7.24	77	105997	36.777	ng	93
10) Phenol	7.27	94	207746	42.734	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	142821	38.681	ng	97
12) 1,3-Dichlorobenzene	7.98	146	158438	39.925	ng	98
13) 1,4-Dichlorobenzene	8.13	146	161919	39.889	ng	97
14) 1,2-Dichlorobenzene	8.45	146	155630	39.857	ng	98
15) Benzyl Alcohol	8.33	79	135878	39.912	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	255812	38.721	ng	98
17) 2-Methylphenol	8.53	107	142372	44.298	ng	98
18) Hexachloroethane	9.18	117	57528	41.570	ng	92
19) n-Nitroso-di-n-propylamine	8.90	70	116143	36.606	ng	92
20) 3+4-Methylphenols	8.86	107	192566	41.907	ng	99
22) Acetophenone	8.93	105	227829	39.334	ng	# 96
24) Nitrobenzene	9.31	77	174780	40.809	ng	93
25) Isophorone	9.83	82	333946	44.332	ng	97
26) 2-Nitrophenol	10.03	139	85828	44.484	ng	95
27) 2,4-Dimethylphenol	10.07	122	167204	48.536	ng	98
28) bis(2-Chloroethoxy)methane	10.31	93	206849	41.911	ng	97
29) 2,4-Dichlorophenol	10.55	162	168788	44.006	ng	98
30) 1,2,4-Trichlorobenzene	10.77	180	173416	41.576	ng	98
31) Naphthalene	10.97	128	499058	43.994	ng	99
32) Benzoic acid	10.18	122	79211	35.401	ng	98
33) 4-Chloroaniline	11.08	127	136912	25.687	ng	95
34) Hexachlorobutadiene	11.23	225	101087	40.891	ng	97
35) Caprolactam	11.86	113	56983	37.042	ng	92
36) 4-Chloro-3-methylphenol	12.18	107	180926	41.826	ng	99
37) 2-Methylnaphthalene	12.56	142	382338	46.237	ng	99
38) 1-Methylnaphthalene	12.78	142	360125	44.845	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	202067	41.372	ng	99

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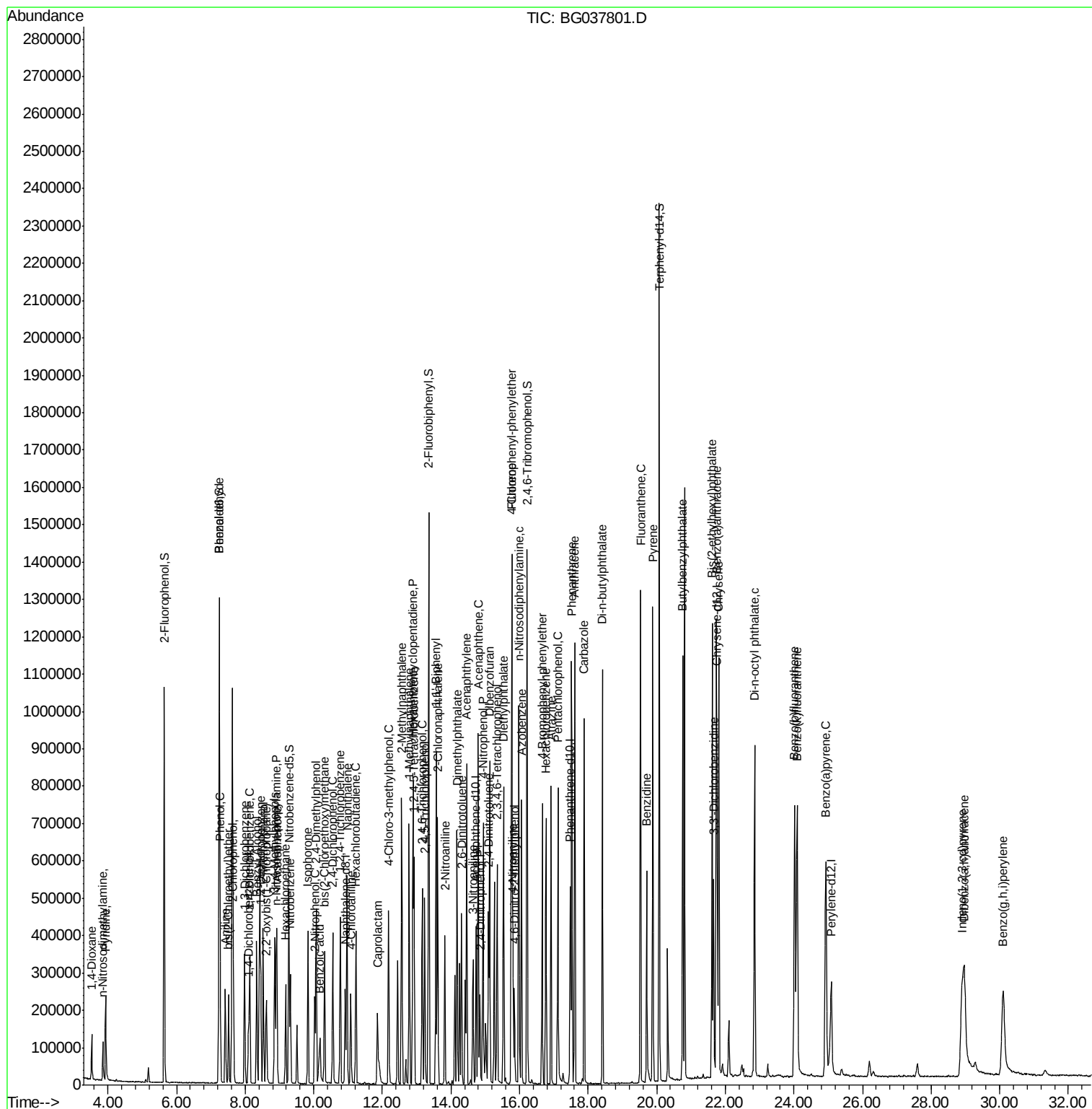
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	249213	106.819	nq	97
43) 2,4,6-Trichlorophenol	13.16	196	144478	44.277	nq	98
44) 2,4,5-Trichlorophenol	13.23	196	154253	43.419	nq	99
46) 1,1'-Biphenyl	13.56	154	492311	39.258	nq	100
47) 2-Chloronaphthalene	13.61	162	393125	41.437	nq	98
48) 2-Nitroaniline	13.82	65	120965	42.045	nq	90
49) Acenaphthylene	14.46	152	644181	45.137	nq	99
50) Dimethylphthalate	14.18	163	482981	41.230	nq	99
51) 2,6-Dinitrotoluene	14.31	165	109453	42.236	nq	96
52) Acenaphthene	14.80	154	371943	42.317	nq	98
53) 3-Nitroaniline	14.64	138	97144	33.767	nq	# 91
54) 2,4-Dinitrophenol	14.84	184	67452	66.247	nq	99
55) Dibenzofuran	15.13	168	601644	41.315	nq	100
56) 4-Nitrophenol	14.94	139	218151	102.445	nq	98
57) 2,4-Dinitrotoluene	15.09	165	153818	45.218	nq	96
58) Fluorene	15.78	166	481623	44.165	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	133046	43.739	nq	98
60) Diethylphthalate	15.53	149	499645	41.545	nq	100
61) 4-Chlorophenyl-phenylether	15.76	204	256152	40.300	nq	98
62) 4-Nitroaniline	15.81	138	115779	40.502	nq	93
63) Azobenzene	16.05	77	460255	40.111	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	69598	40.258	nq	98
66) n-Nitrosodiphenylamine	15.98	169	433237	41.907	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	158538	42.006	nq	98
68) Hexachlorobenzene	16.77	284	159709	40.830	nq	99
69) Atrazine	16.92	200	160239	42.871	nq	100
70) Pentachlorophenol	17.12	266	170463	65.059	nq	94
71) Phenanthrene	17.52	178	774826	44.360	nq	99
72) Anthracene	17.61	178	782668	45.660	nq	99
73) Carbazole	17.88	167	696512	40.621	nq	100
74) Di-n-butylphthalate	18.42	149	813924	42.672	nq	99
75) Fluoranthene	19.53	202	885937	44.720	nq	100
77) Benzidine	19.71	184	383026	36.121	nq	100
78) Pyrene	19.89	202	883012	43.314	nq	98
80) Butylbenzylphthalate	20.75	149	370553	44.413	nq	98
81) Benzo(a)anthracene	21.74	228	826001	44.779	nq	100
82) 3,3'-Dichlorobenzidine	21.65	252	230155	32.190	nq	98
83) Chrysene	21.81	228	779019	43.920	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	520529	44.509	nq	99
85) Di-n-octyl phthalate	22.85	149	872390	45.745	nq	97
86) Indeno(1,2,3-cd)pyrene	28.91	276	706779	37.152	nq	# 93
88) Benzo(b)fluoranthene	24.02	252	780517	45.909	nq	99
89) Benzo(k)fluoranthene	24.09	252	782334	46.967	nq	99
90) Benzo(a)pyrene	24.93	252	758142	46.928	nq	100
91) Dibenzo(a,h)anthracene	28.97	278	565297	37.934	nq	98
92) Benzo(g,h,i)perylene	30.11	276	582406	38.630	nq	99

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

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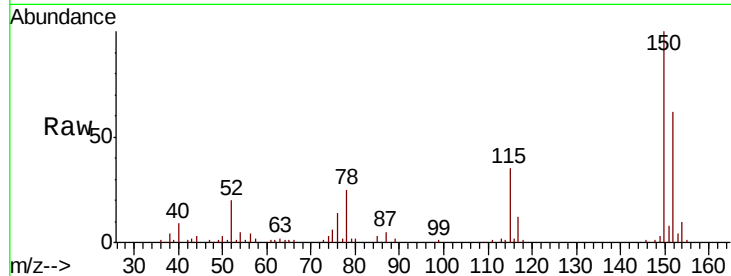


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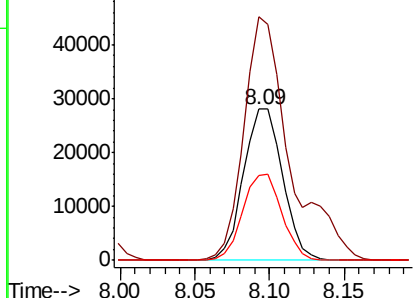
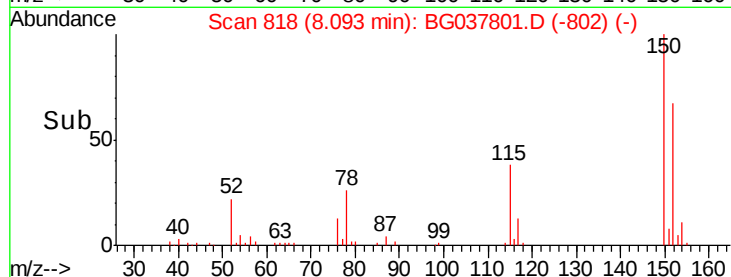
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 50942
Ion Ratio Lower Upper
152 100
150 161.3 126.0 189.0
115 56.6 45.5 68.3



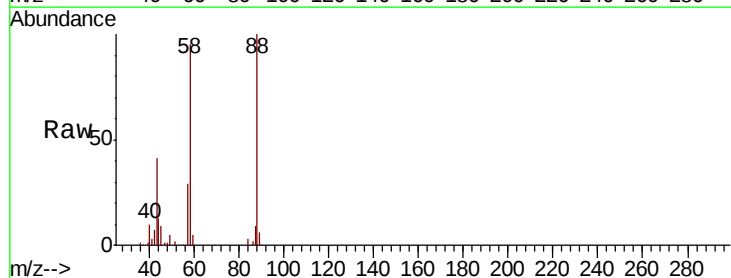
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



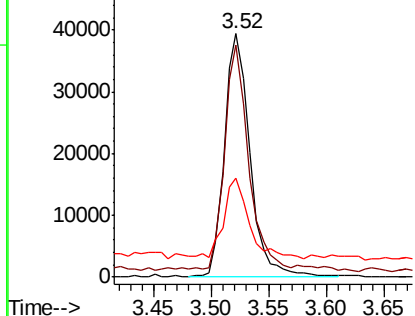
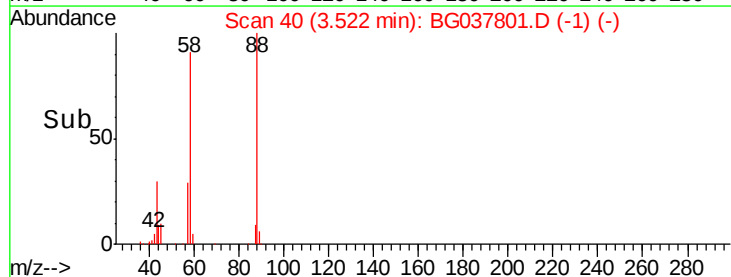
#2

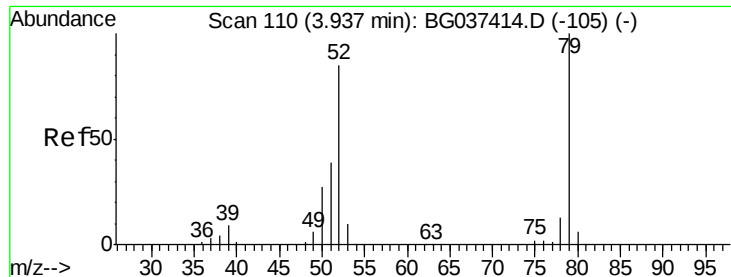
1,4-Dioxane
Concen: 39.296 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion: 88 Resp: 60721
Ion Ratio Lower Upper
88 100
58 83.4 74.4 111.6
43 32.8 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

Pvridine

Concen: 33.955 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

BNA_G

ClientSampled :

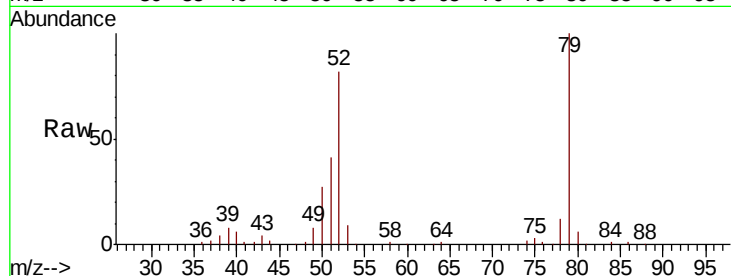
Tot Ion: 79 Resp: 132242

Ion Ratio Lower Upper

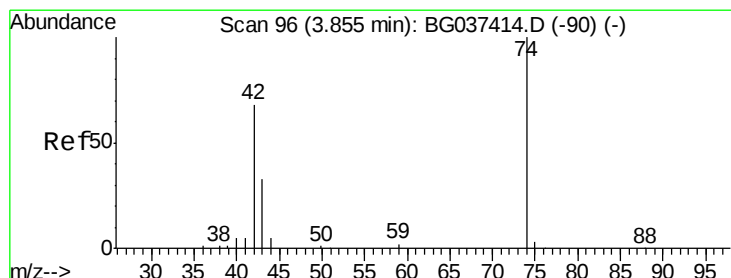
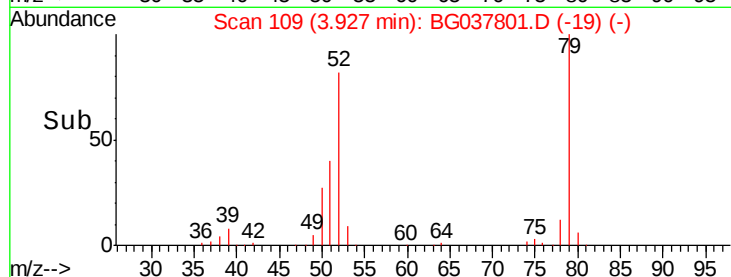
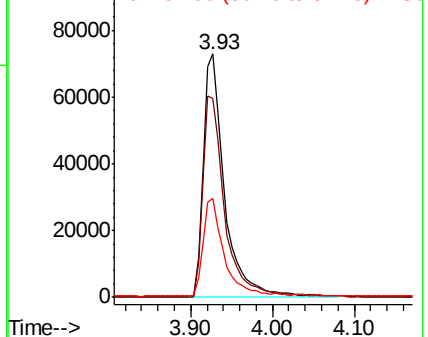
79 100

52 81.5 74.2 111.2

51 40.8 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 39.867 ng

RT: 3.84 min Scan# 95

Delta R.T. -0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

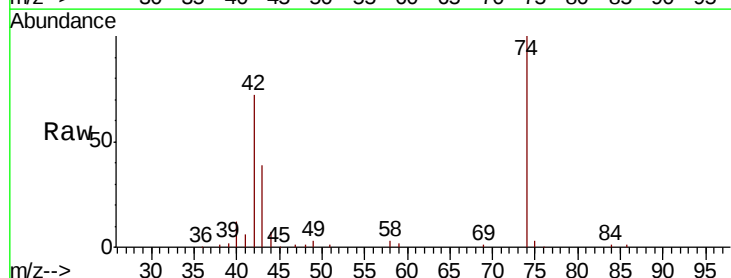
Tgt Ion: 42 Resp: 55305

Ion Ratio Lower Upper

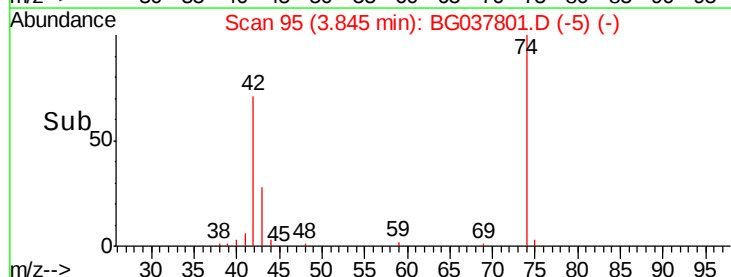
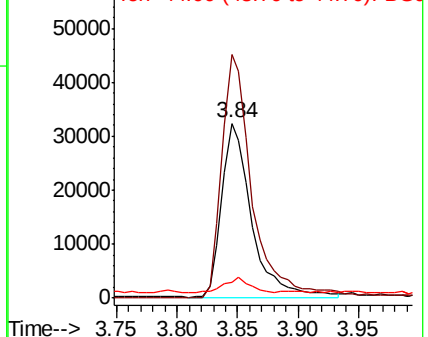
42 100

74 139.5 102.0 153.0

44 9.1 9.6 14.4#



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





#5

2-Fluorophenol

Concen: 162.578 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

BNA_G

ClientSampleId :

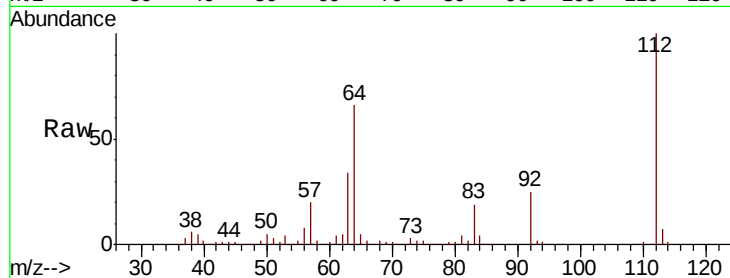
Tot Ion:112 Resp: 495380

Ion Ratio Lower Upper

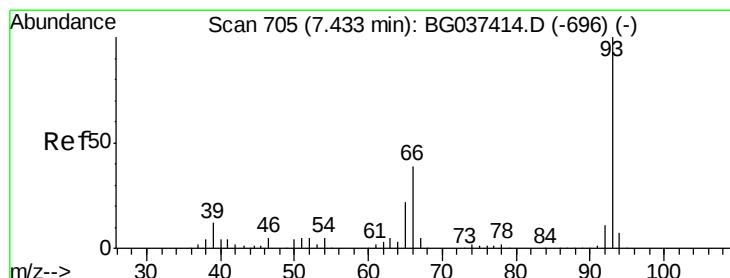
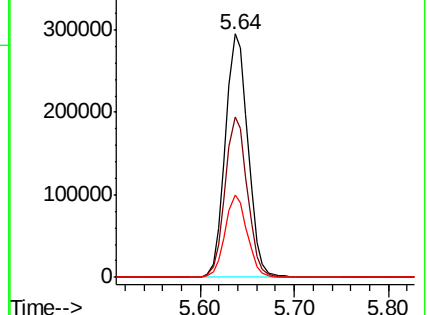
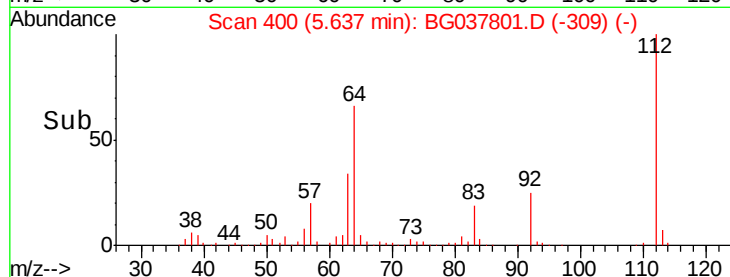
112 100

64 65.7 53.1 79.7

63 33.9 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: 32.265 ng

RT: 7.42 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

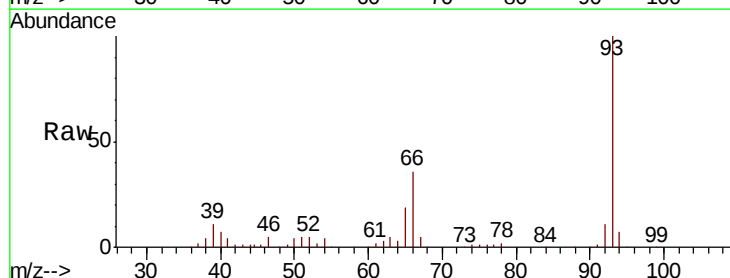
Tgt Ion: 93 Resp: 181358

Ion Ratio Lower Upper

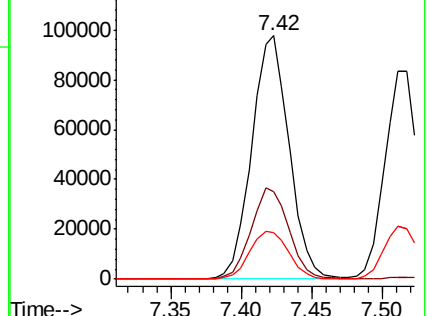
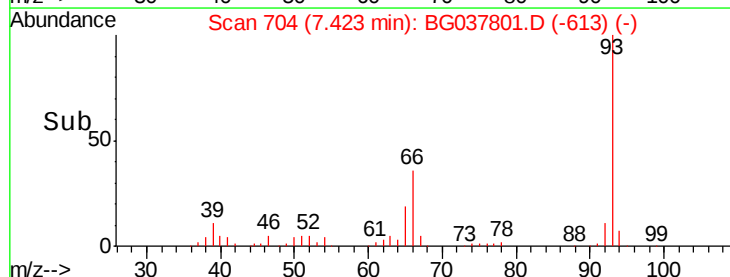
93 100

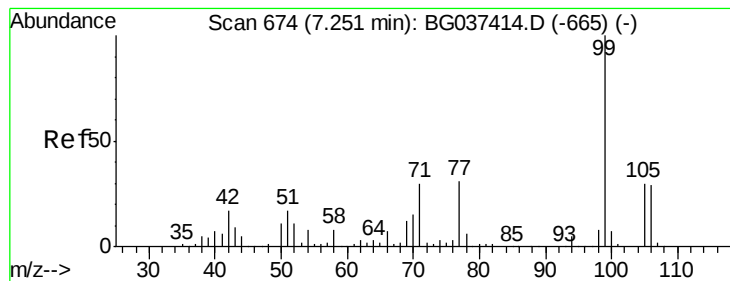
66 36.1 32.8 49.2

65 19.1 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: 153.123 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.01 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

BNA_G

ClientSampled :

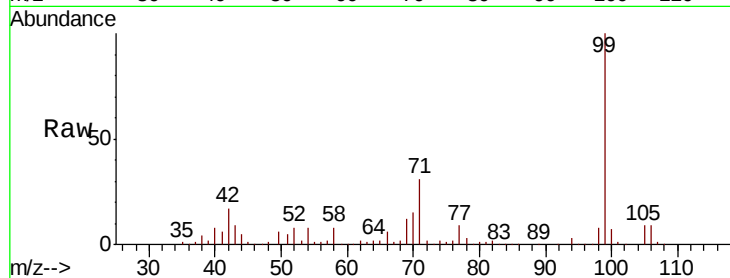
Tot Ion: 99 Resp: 705515

Ion Ratio Lower Upper

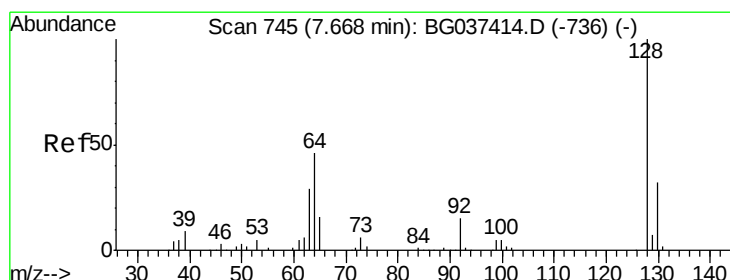
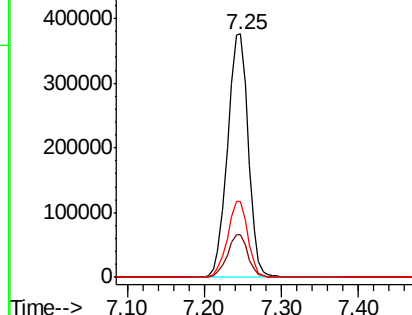
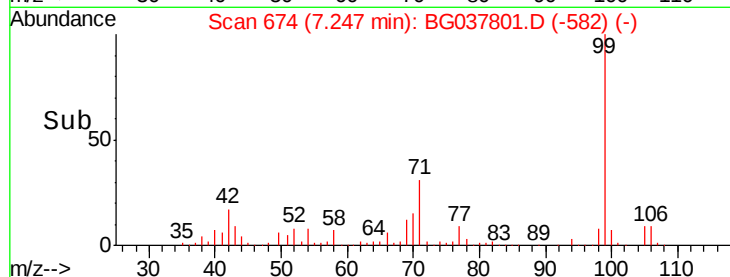
99 100

42 17.3 15.0 22.4

71 31.4 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: 43.437 ng

RT: 7.66 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

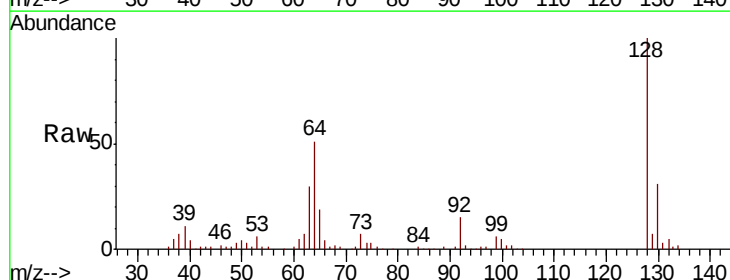
Tgt Ion:128 Resp: 154835

Ion Ratio Lower Upper

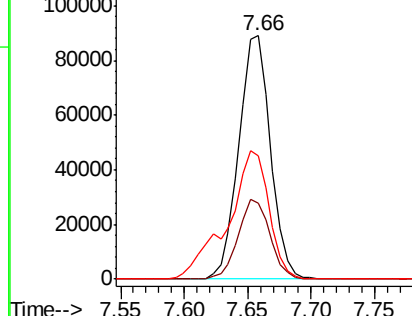
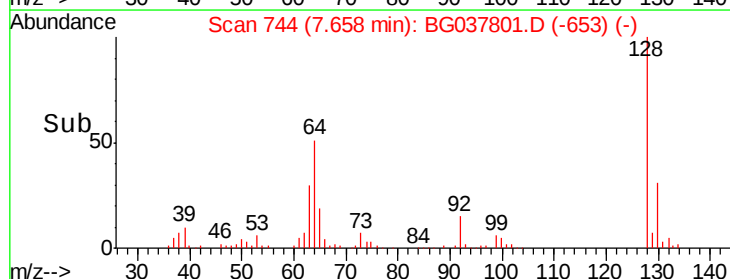
128 100

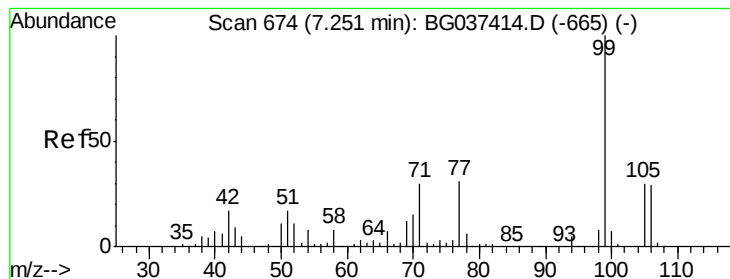
130 31.4 12.0 52.0

64 50.5 32.9 72.9



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





#9

Benzaldehyde

Concen: 36.777 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

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ClientSampled :

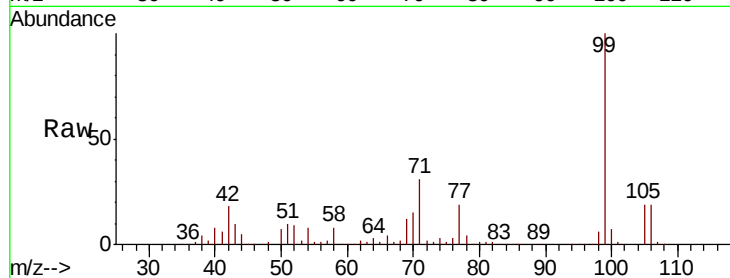
Tot Ion: 77 Resp: 105997

Ion Ratio Lower Upper

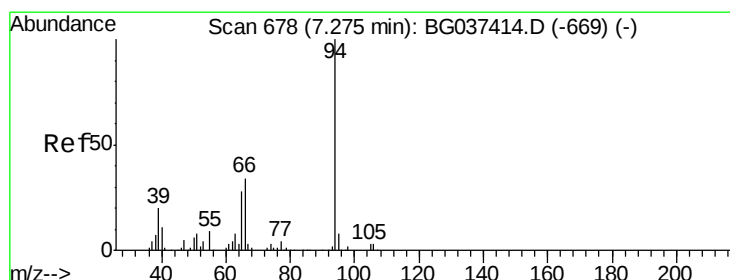
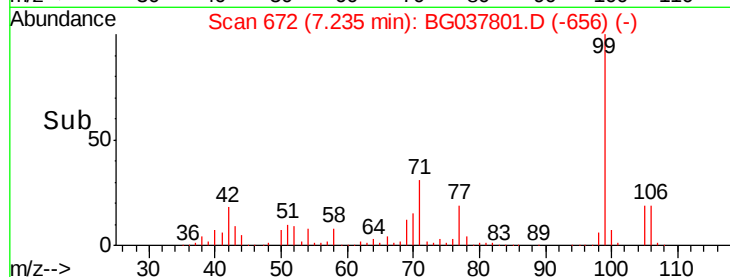
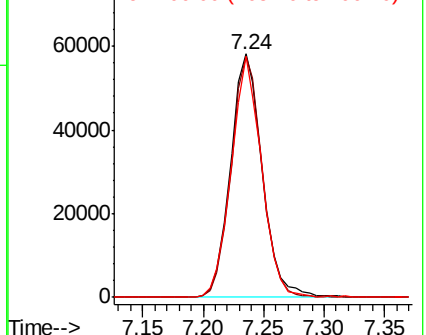
77 100

105 98.7 72.6 112.6

106 98.8 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: 42.734 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

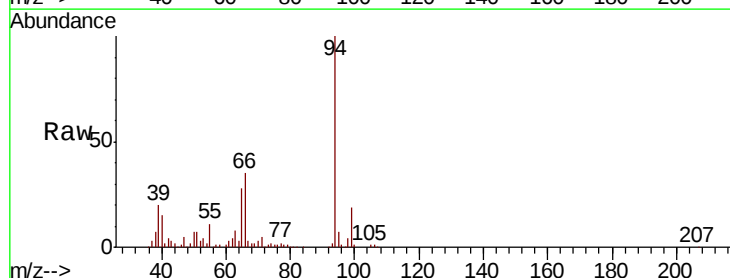
Tgt Ion: 94 Resp: 207746

Ion Ratio Lower Upper

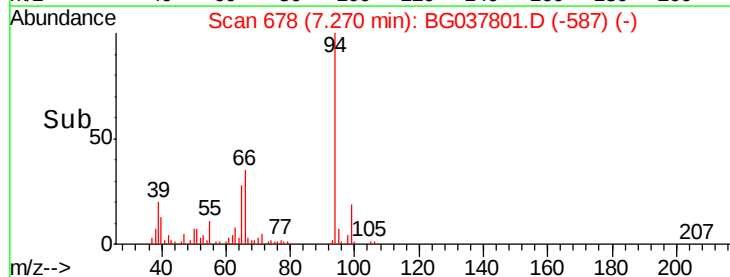
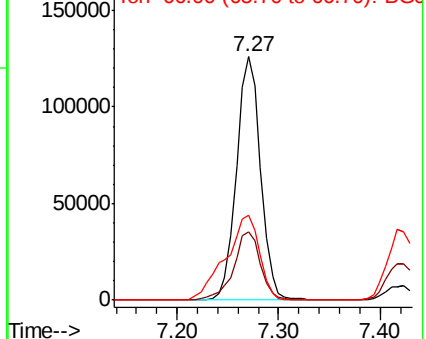
94 100

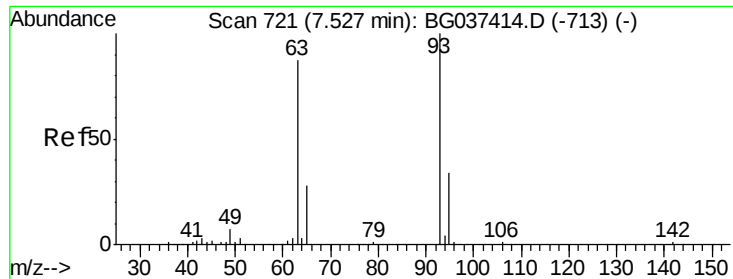
65 28.0 9.7 49.7

66 34.8 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

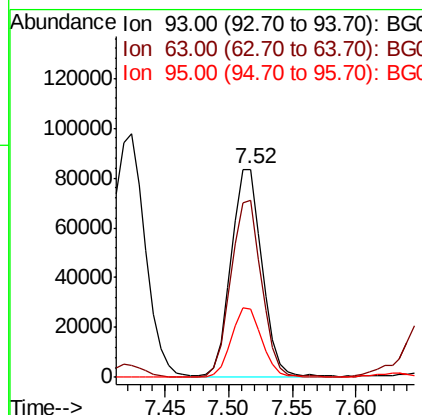
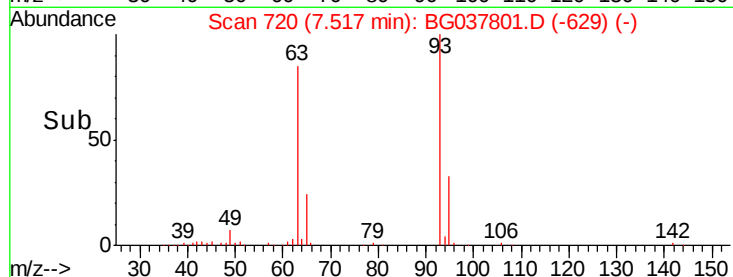
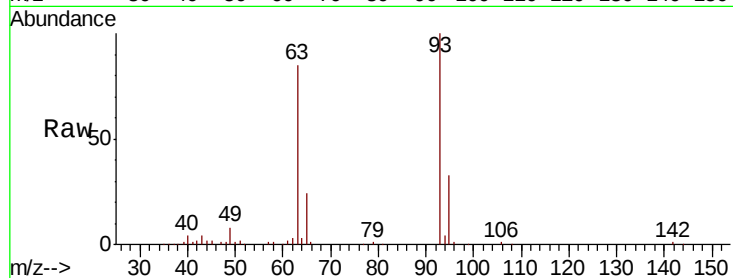




#11
 bis(2-Chloroethyl)ether
 Concen: 38.681 ng
 RT: 7.52 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

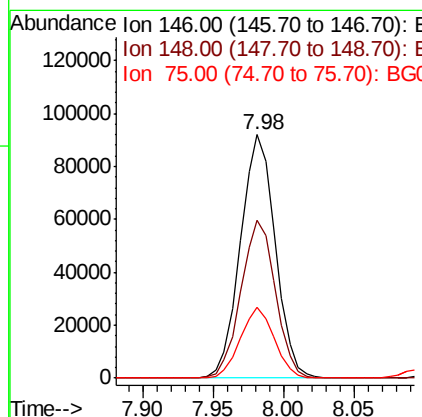
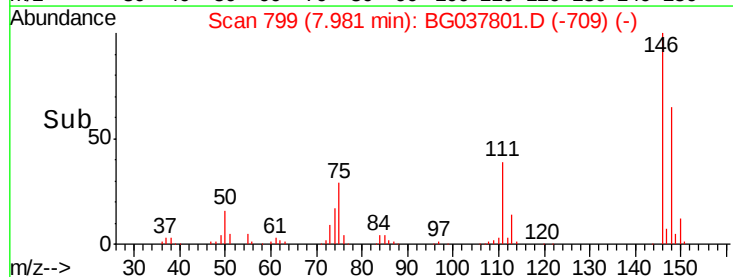
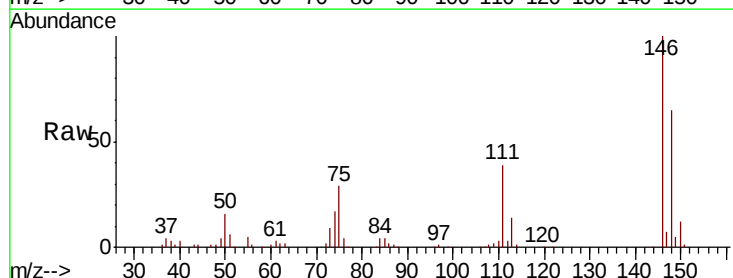
Instrument :
 BNA_G
 ClientSampleId :

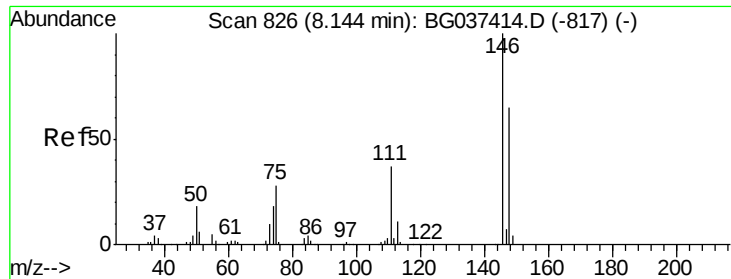
Tot Ion: 93 Resp: 142821
 Ion Ratio Lower Upper
 93 100
 63 85.2 69.5 109.5
 95 32.6 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 39.925 ng
 RT: 7.98 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

Tgt Ion: 146 Resp: 158438
 Ion Ratio Lower Upper
 146 100
 148 64.8 49.8 74.8
 75 29.3 23.2 34.8

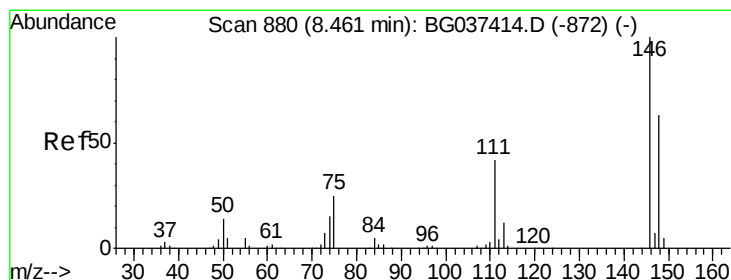
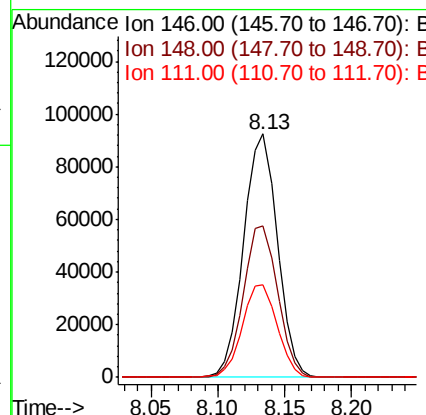
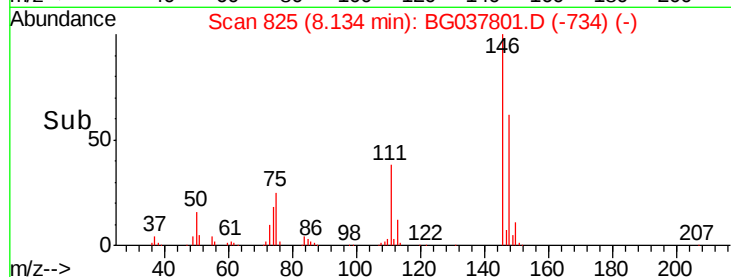
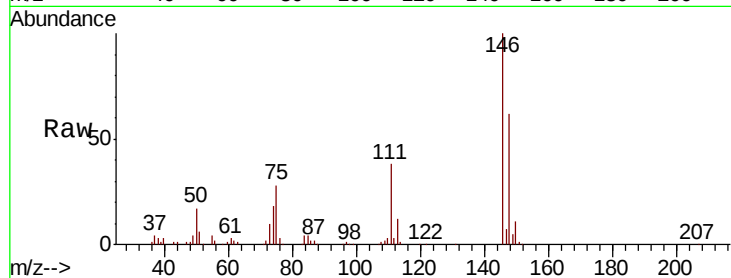




#13
 1,4-Dichlorobenzene
 Concen: 39.889 ng
 RT: 8.13 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

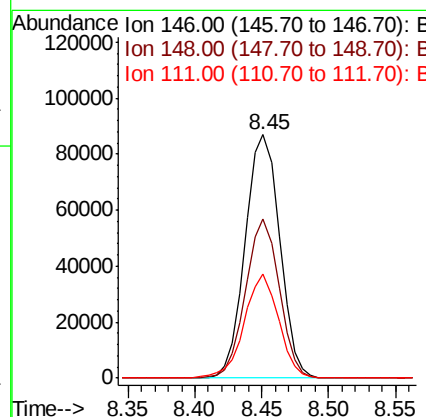
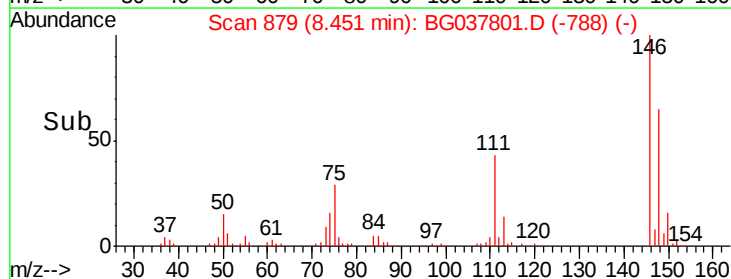
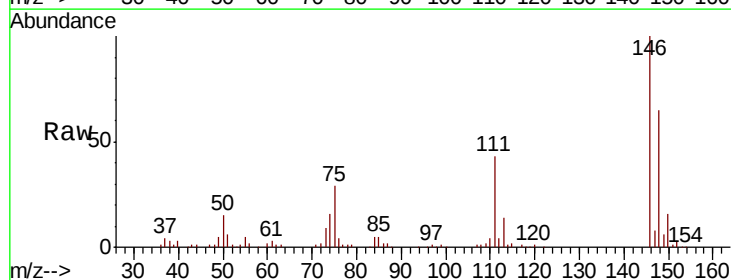
Instrument :
 BNA_G
 ClientSampleId :

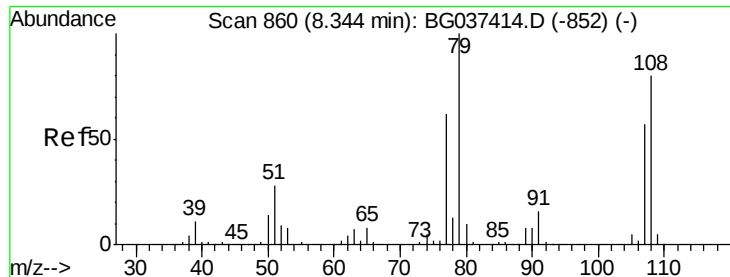
Tot Ion:146 Resp: 161919
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.0 76.6
 111 38.1 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 39.857 ng
 RT: 8.45 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

Tgt Ion:146 Resp: 155630
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.4 75.6
 111 42.7 34.6 51.8





#15

Benzyl Alcohol

Concen: 39.912 ng

RT: 8.33 min Scan# 859

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :
BNA_G
ClientSampled :

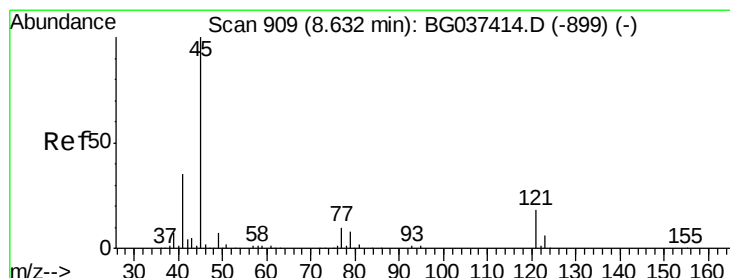
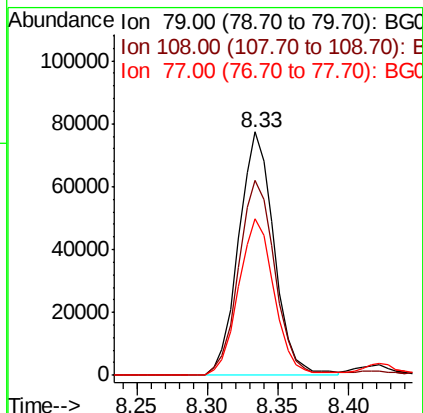
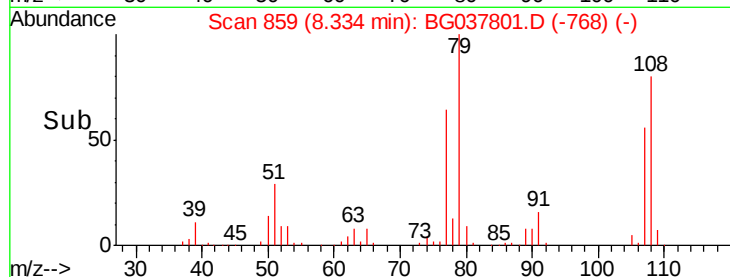
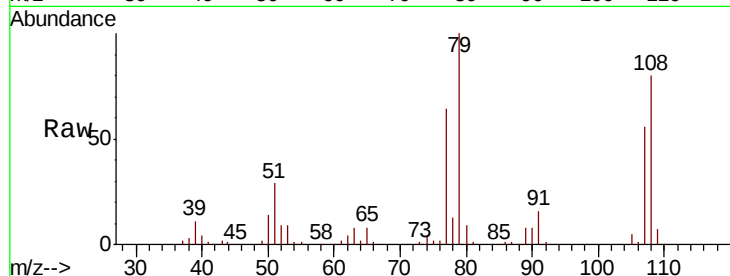
Tot Ion: 79 Resp: 135878

Ion Ratio Lower Upper

79 100

108 80.1 65.8 98.8

77 64.3 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.721 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

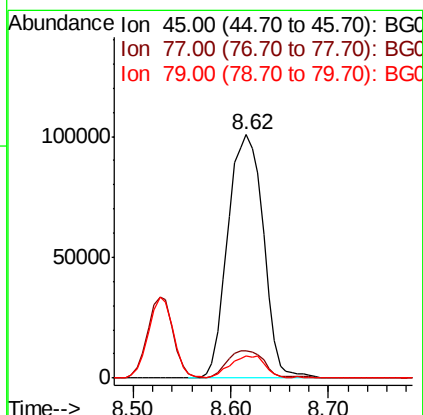
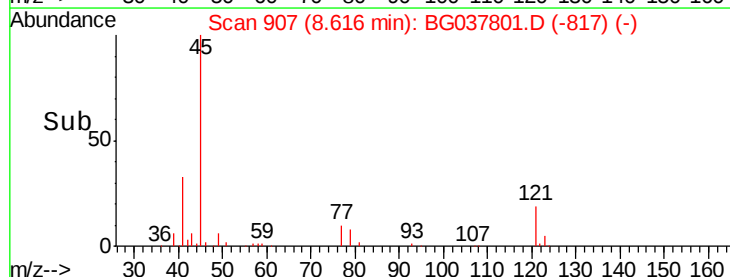
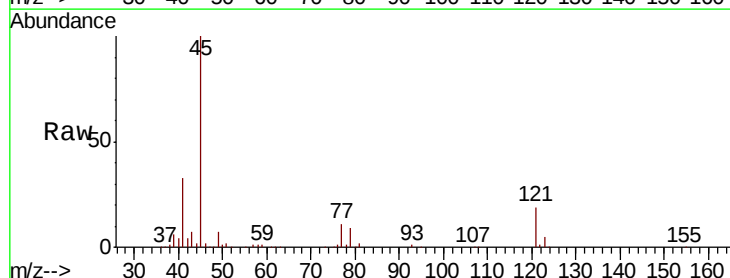
Tgt Ion: 45 Resp: 255812

Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.0

79 8.9 0.0 29.0





#17

2-Methylphenol

Concen: 44.298 ng

RT: 8.53 min Scan# 892

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 142372

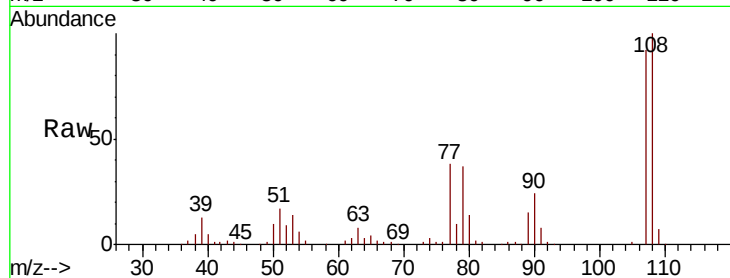
Ion Ratio Lower Upper

107 100

108 108.7 87.9 131.9

77 41.0 35.1 52.7

79 40.7 34.5 51.7

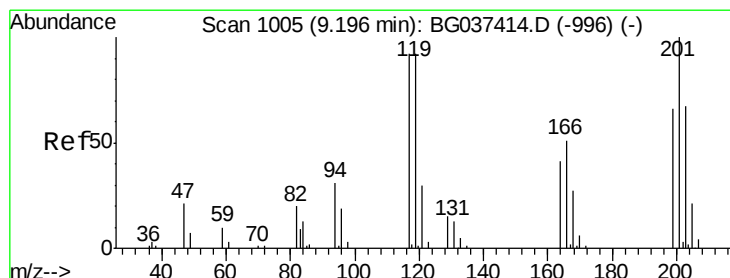
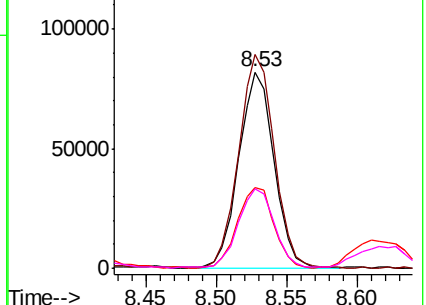
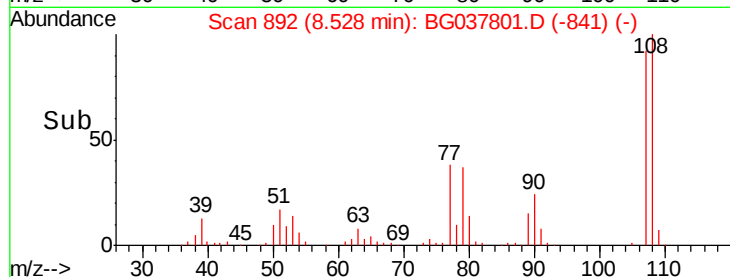


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 41.570 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

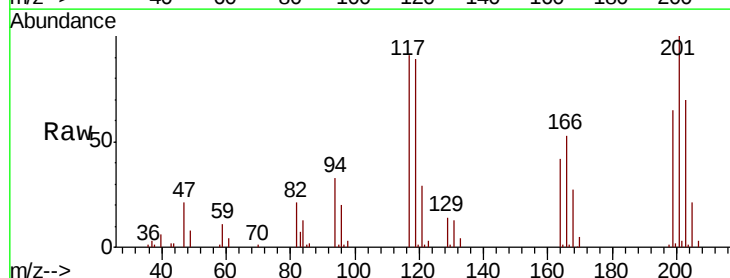
Tgt Ion:117 Resp: 57528

Ion Ratio Lower Upper

117 100

119 97.5 74.6 111.8

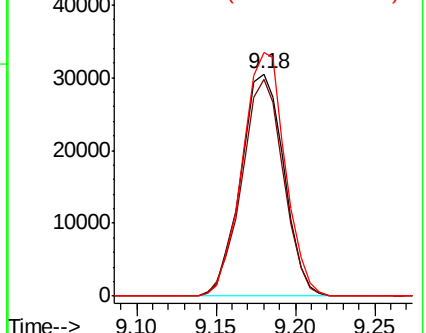
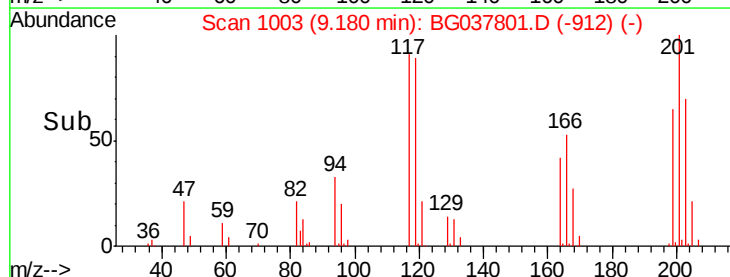
201 113.1 80.8 121.2

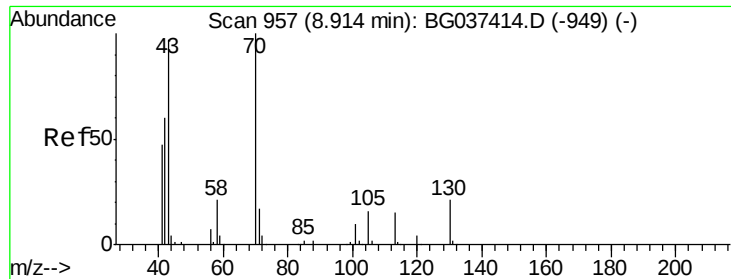


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

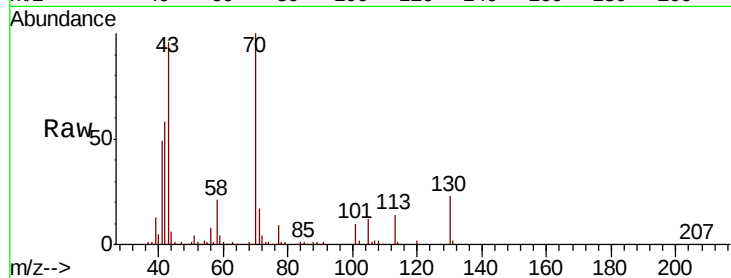




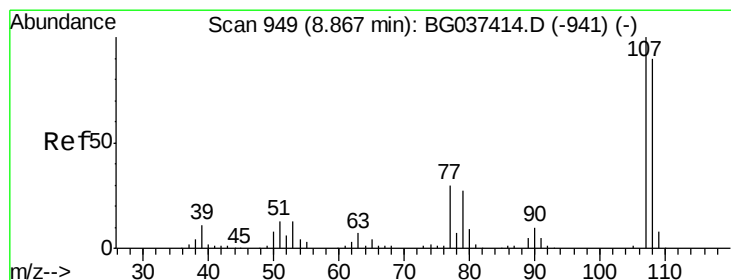
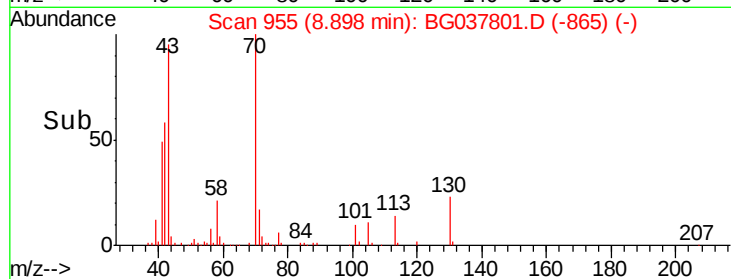
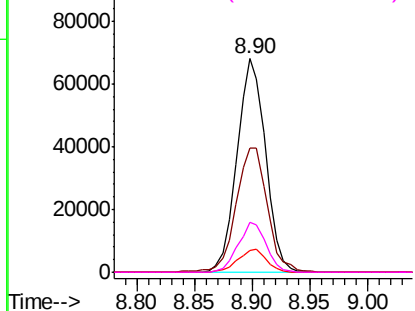
#19
n-Nitroso-di-n-propylamine
Concen: 36.606 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	116143
Ion	Ratio	Lower	Upper
70	100		
42	58.2	53.9	80.9
101	10.4	8.2	12.2
130	23.1	18.2	27.4

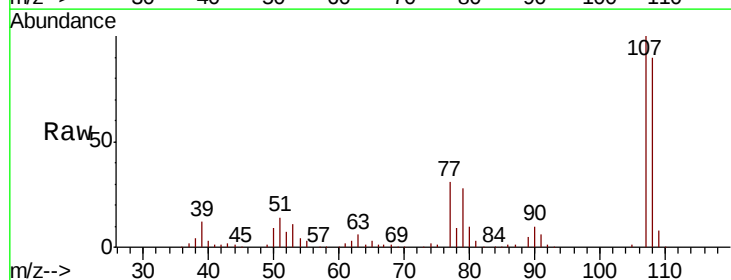


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

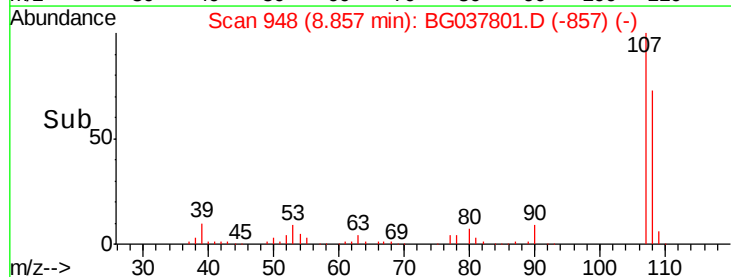
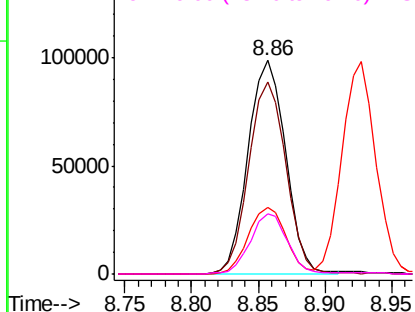


#20
3+4-Methylphenols
Concen: 41.907 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion:	107	Resp:	192566
Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.9	109.9
77	31.2	11.2	51.2
79	27.9	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

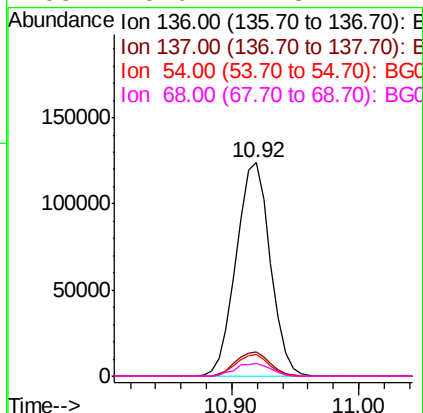
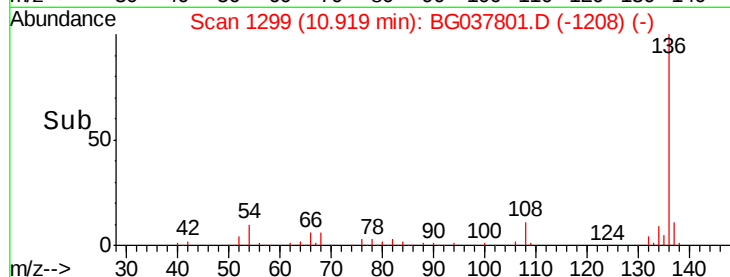
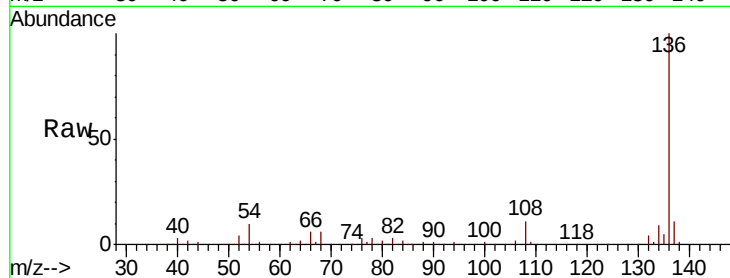




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

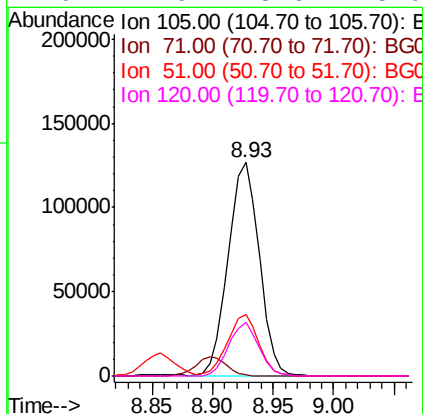
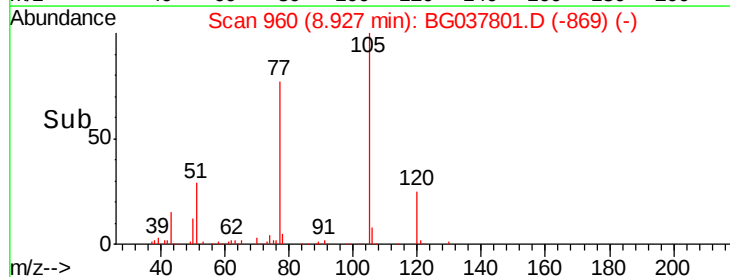
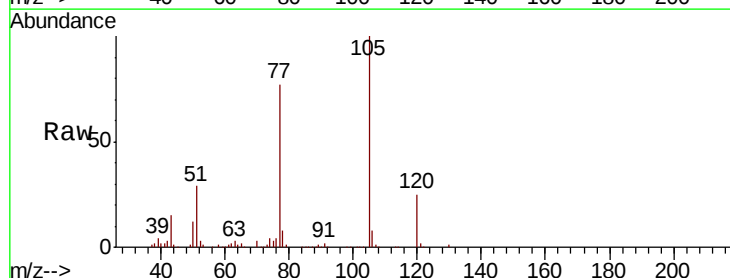
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	230951
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.6 14.4
54	10.4	7.9 11.9
68	6.0	4.8 7.2



#22
Acetophenone
Concen: 39.334 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion:105	Resp:	227829
Ion	Ratio	Lower Upper
105	100	
71	0.4	1.2 1.8#
51	29.0	25.0 37.6
120	24.9	18.6 28.0

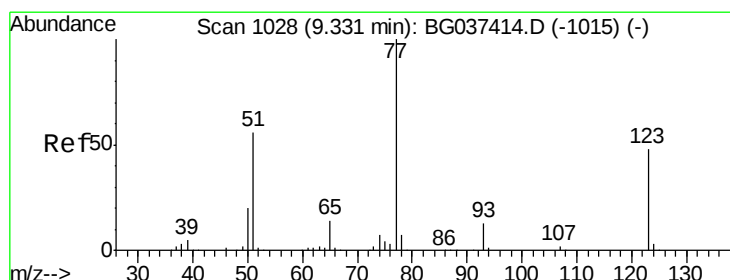
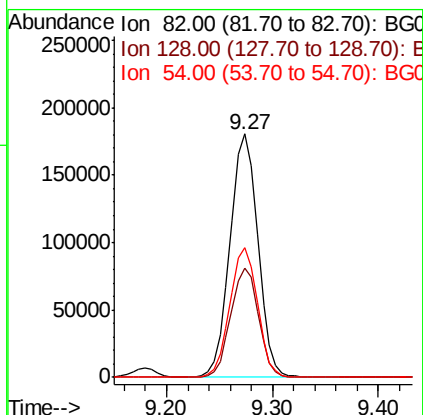
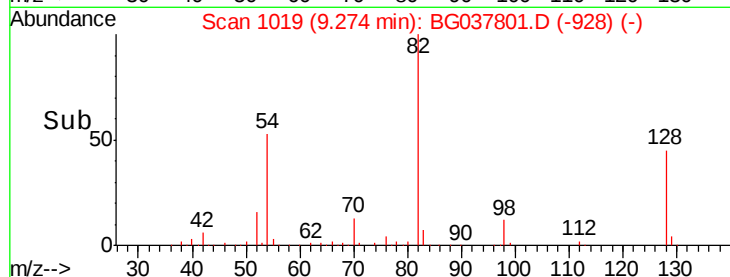
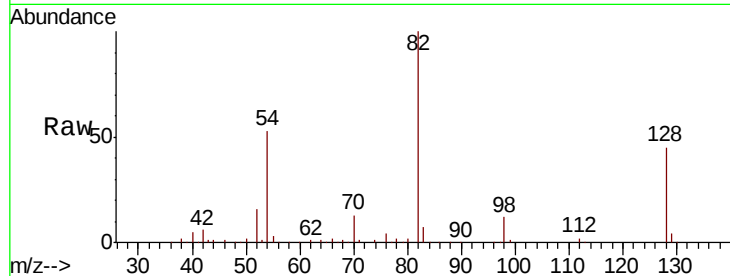




#23
Nitrobenzene-d5
Concen: 79.886 ng
RT: 9.27 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

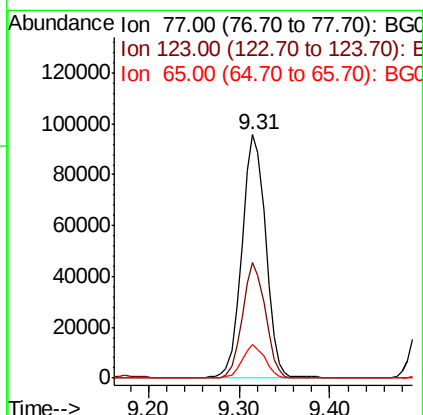
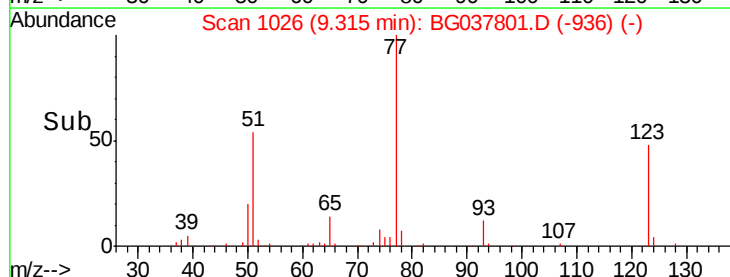
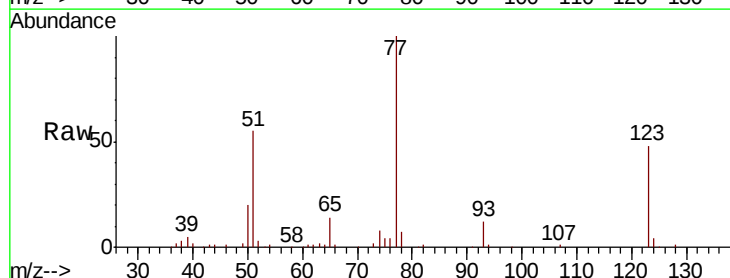
Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 329349
Ion Ratio Lower Upper
82 100
128 45.1 34.6 51.8
54 53.4 45.3 67.9



#24
Nitrobenzene
Concen: 40.809 ng
RT: 9.31 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion: 77 Resp: 174780
Ion Ratio Lower Upper
77 100
123 47.7 33.6 50.4
65 13.9 11.3 16.9





#25

Isophorone

Concen: 44.332 ng

RT: 9.83 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

BNA_G

ClientSampleId :

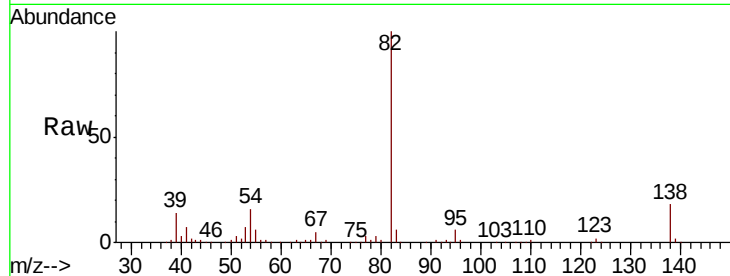
Tot Ion: 82 Resp: 333946

Ion Ratio Lower Upper

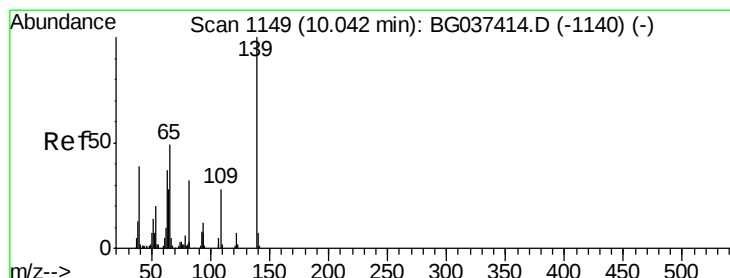
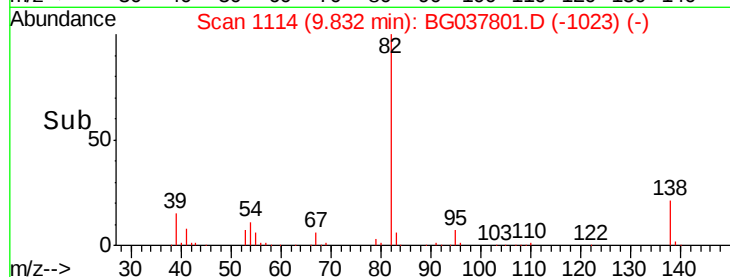
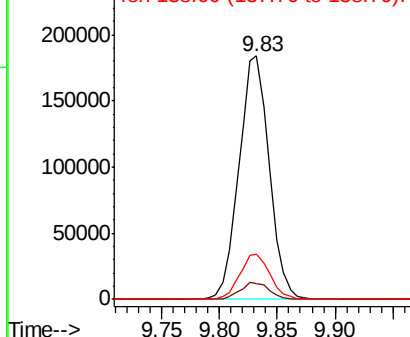
82 100

95 6.4 5.3 7.9

138 18.5 13.3 19.9



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



#26

2-Nitrophenol

Concen: 44.484 ng

RT: 10.03 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

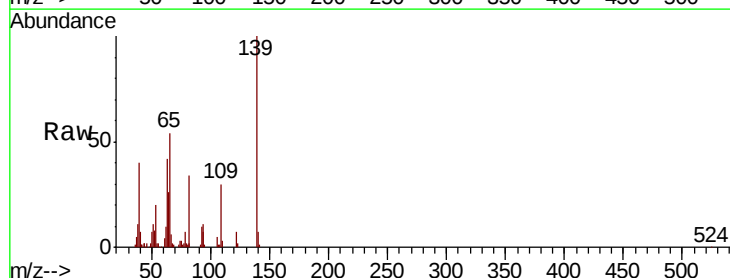
Tgt Ion: 139 Resp: 85828

Ion Ratio Lower Upper

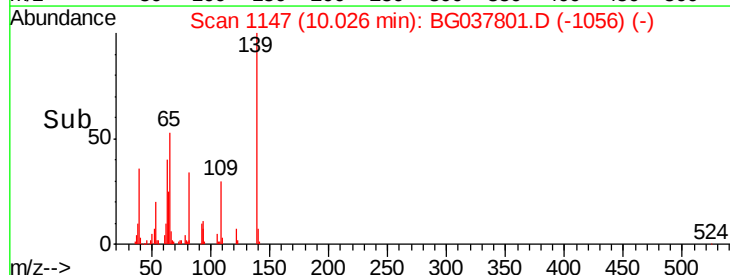
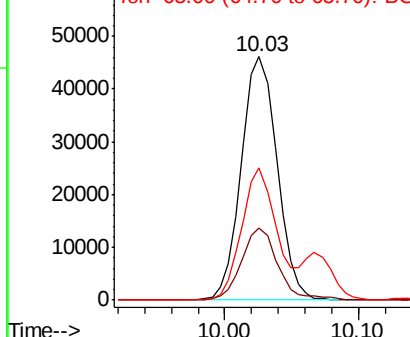
139 100

109 29.6 23.3 34.9

65 54.5 39.8 59.8



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

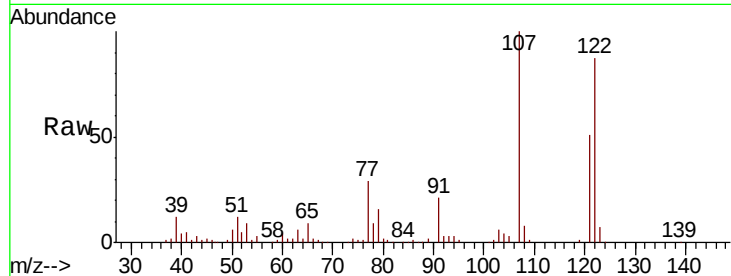




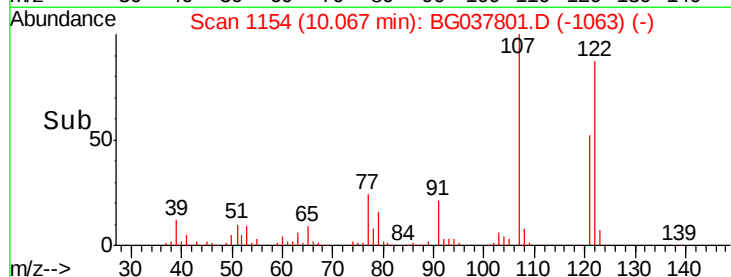
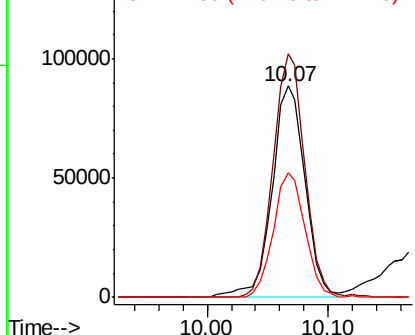
#27
 2,4-Dimethylphenol
 Concen: 48.536 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 167204
 Ion Ratio Lower Upper
 122 100
 107 115.3 94.2 141.2
 121 59.2 47.3 70.9

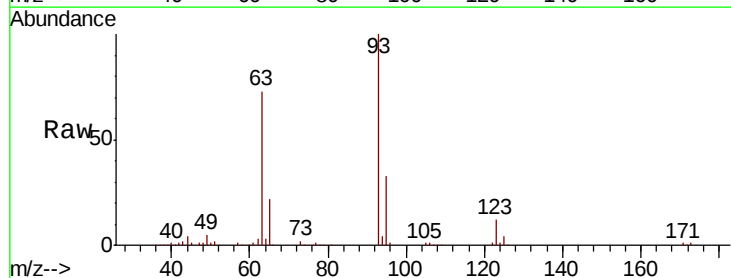


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

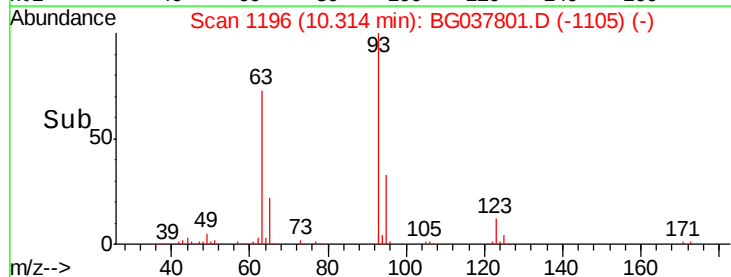
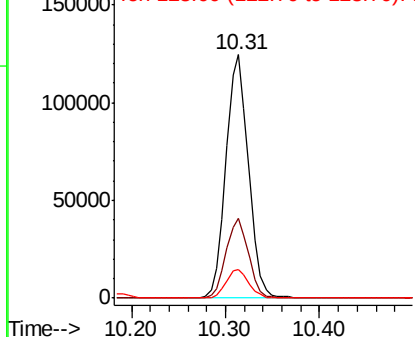


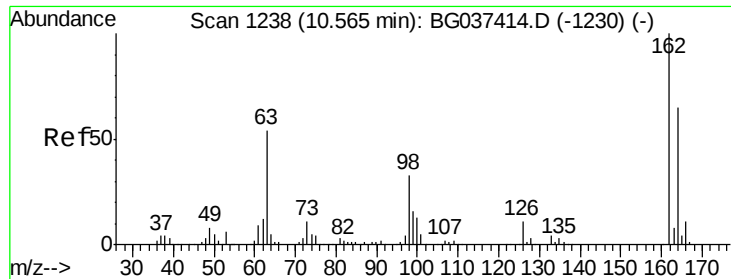
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.911 ng
 RT: 10.31 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

Tgt Ion: 93 Resp: 206849
 Ion Ratio Lower Upper
 93 100
 95 32.9 24.6 37.0
 123 11.6 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

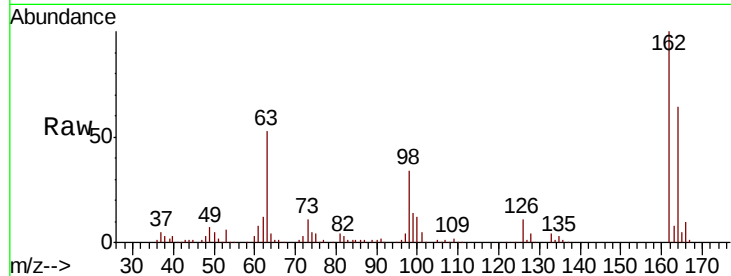




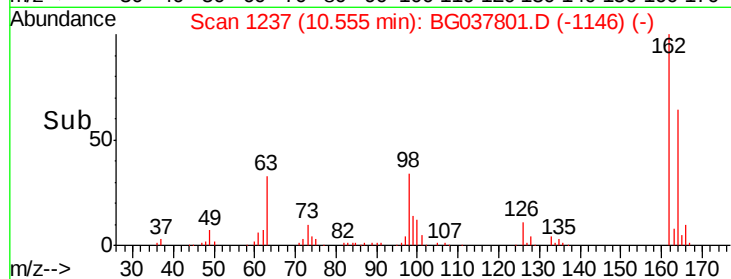
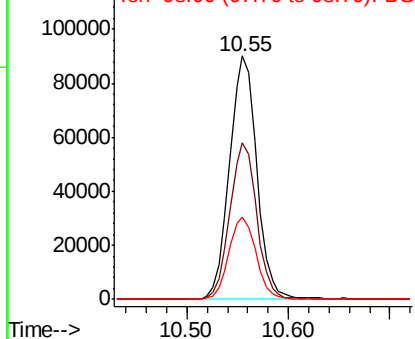
#29
2,4-Dichlorophenol
Concen: 44.006 ng
RT: 10.55 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.2	83.2
98	34.1	16.0	56.0

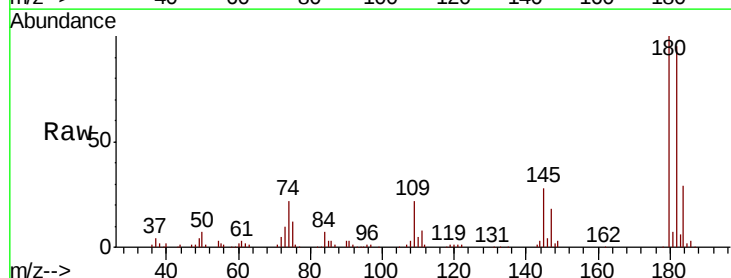


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

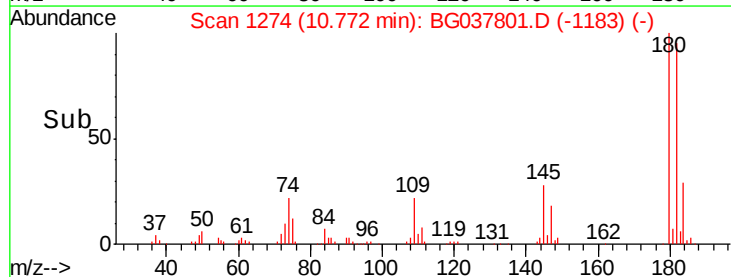
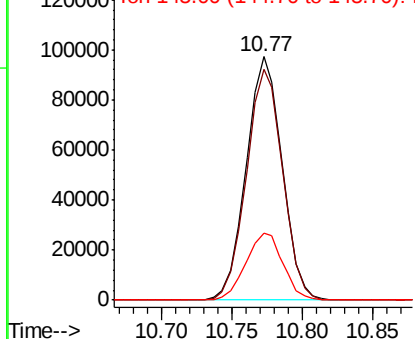


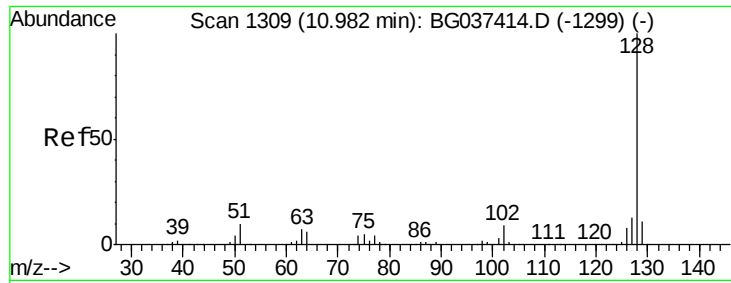
#30
1,2,4-Trichlorobenzene
Concen: 41.576 ng
RT: 10.77 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.7	116.5
145	27.5	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

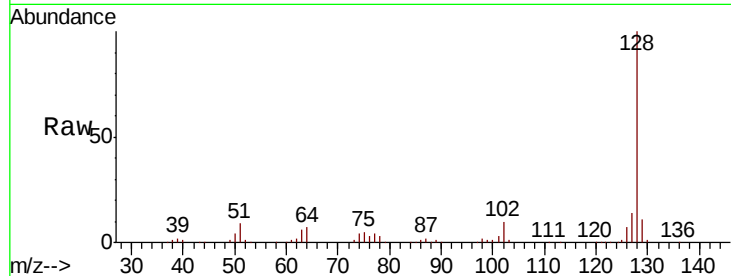




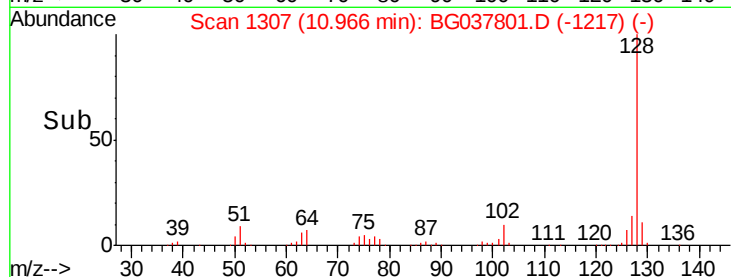
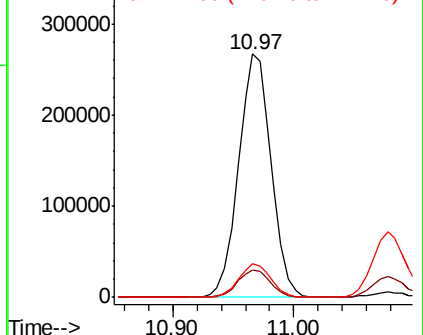
#31
Naphthalene
Concen: 43.994 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 499058
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.7 11.1 16.7

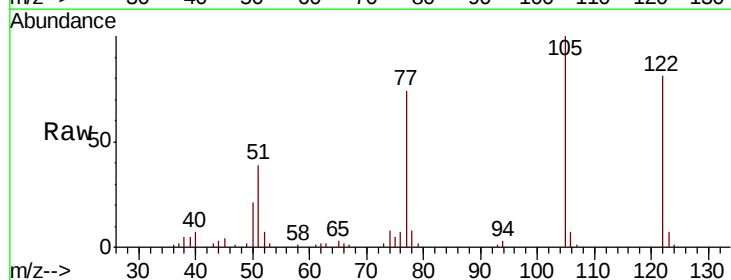


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

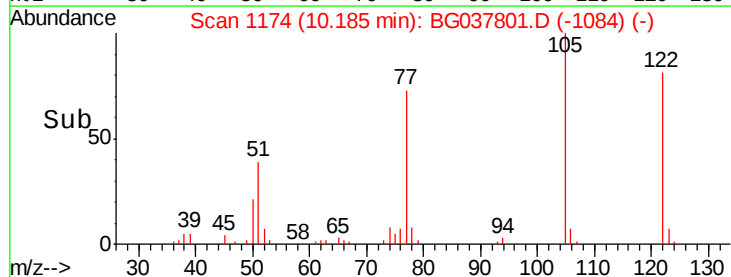
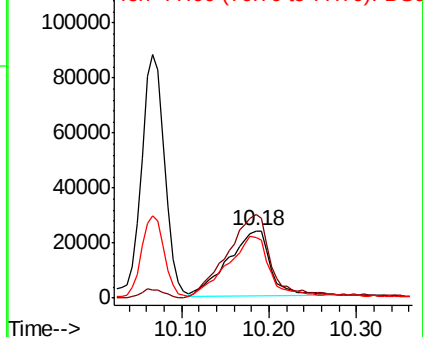


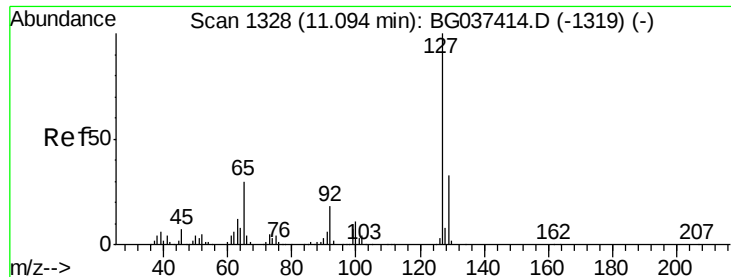
#32
Benzoic acid
Concen: 35.401 ng
RT: 10.18 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion:122 Resp: 79211
Ion Ratio Lower Upper
122 100
105 123.9 106.7 146.7
77 91.2 72.2 112.2



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

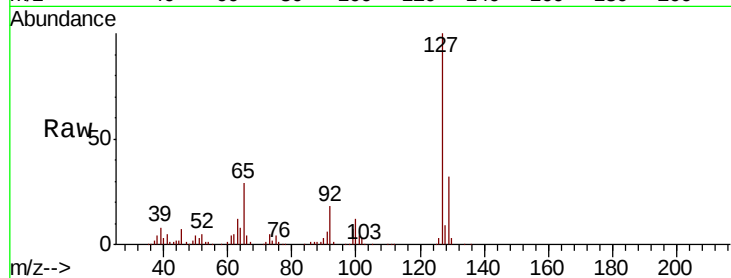




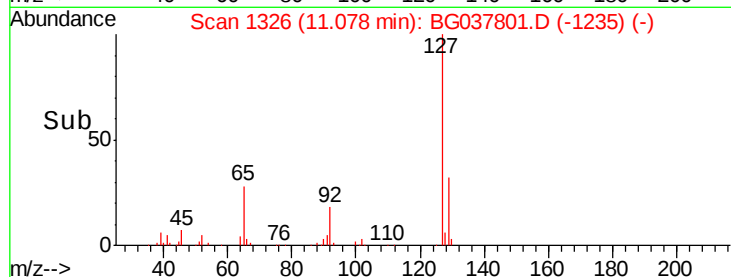
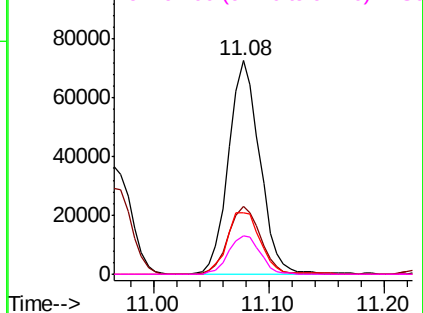
#33
4-Chloroaniline
Concen: 25.687 ng
RT: 11.08 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	136912
Ion	Ratio	Lower	Upper
127	100		
129	32.0	27.1	40.7
65	28.8	26.6	39.8
92	18.1	16.4	24.6

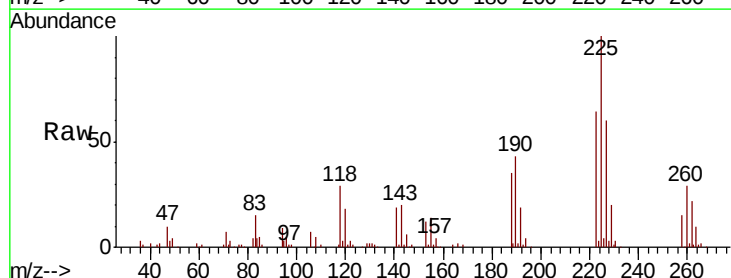


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

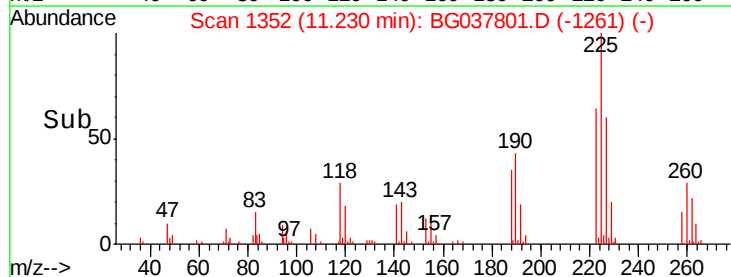
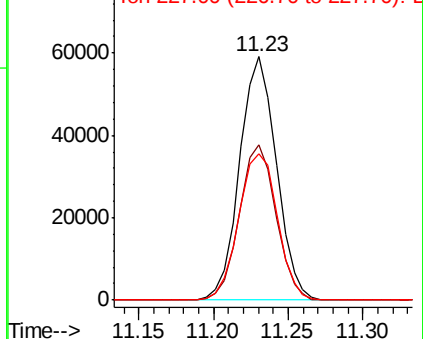


#34
Hexachlorobutadiene
Concen: 40.891 ng
RT: 11.23 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion:	225	Resp:	101087
Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.2	72.4
227	60.1	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

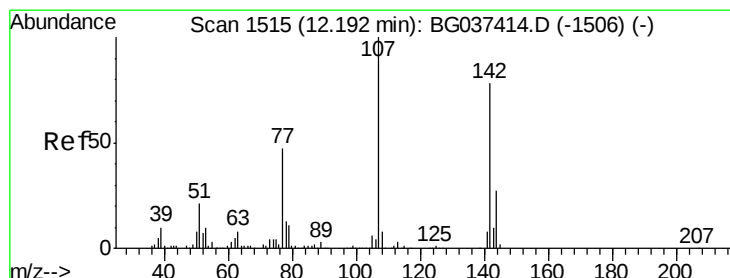
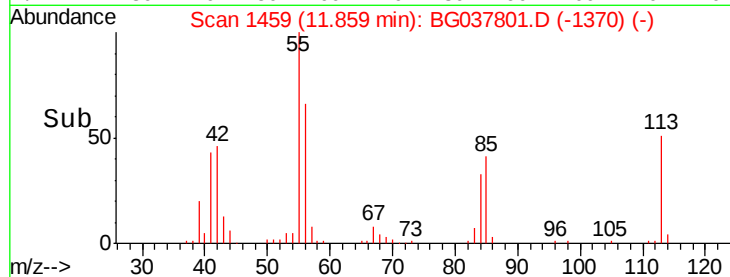
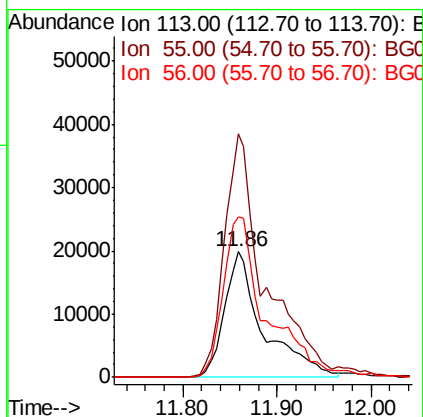
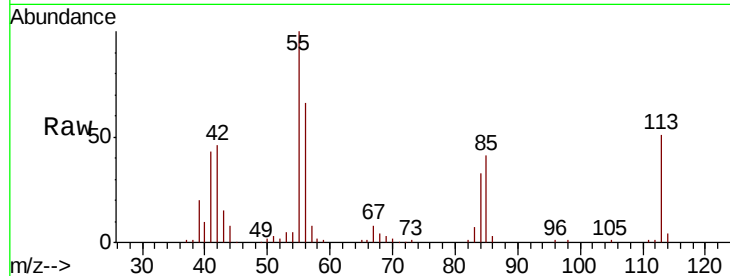




#35
 Caprolactam
 Concen: 37.042 ng
 RT: 11.86 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

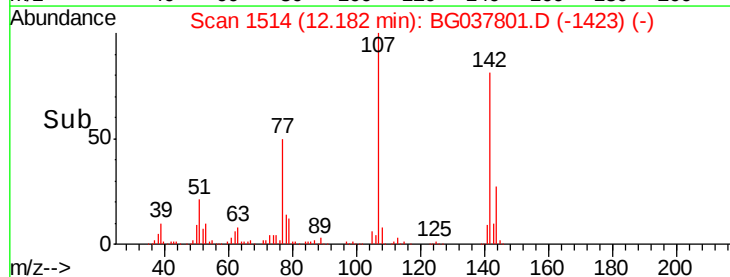
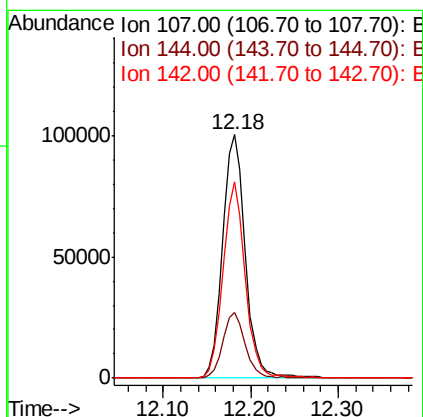
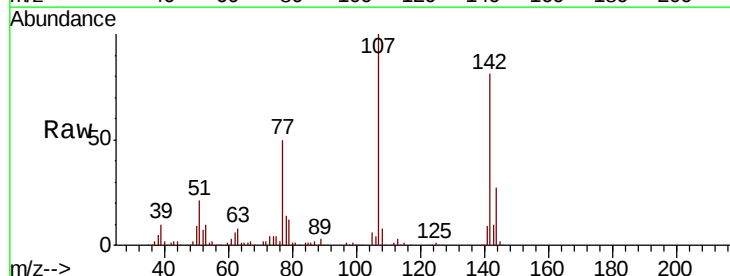
Instrument :
 BNA_G
 ClientSampleId :

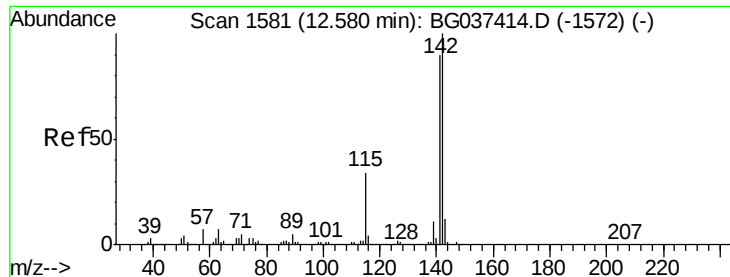
Tot Ion:113 Resp: 56983
 Ion Ratio Lower Upper
 113 100
 55 194.4 176.6 216.6
 56 128.5 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.826 ng
 RT: 12.18 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

Tgt Ion:107 Resp: 180926
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.7 31.1
 142 80.6 64.4 96.6

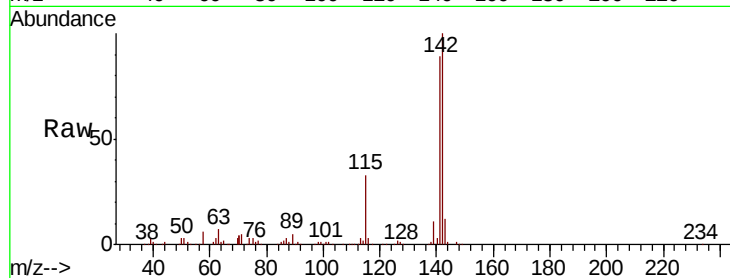




#37
2-Methylnaphthalene
Concen: 46.237 ng
RT: 12.56 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
115	33.2	27.8	41.8

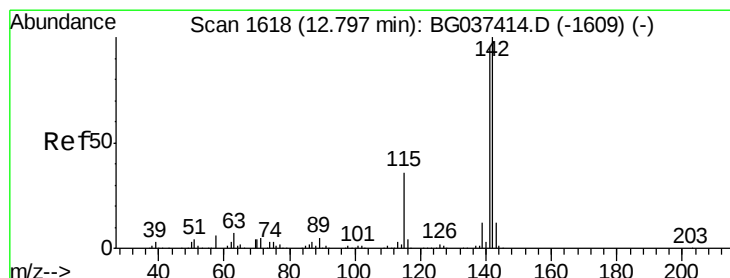
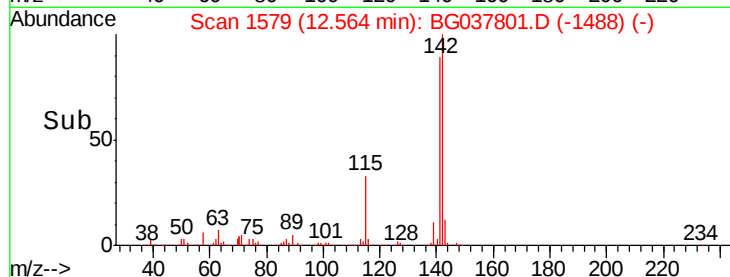
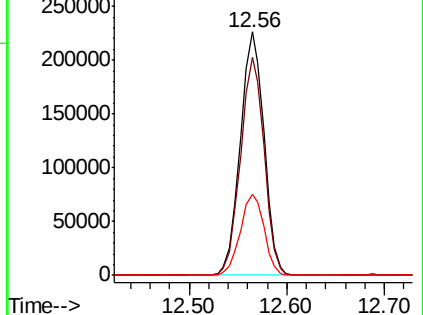


Abundance

Ion 142.00 (141.70 to 142.70): E

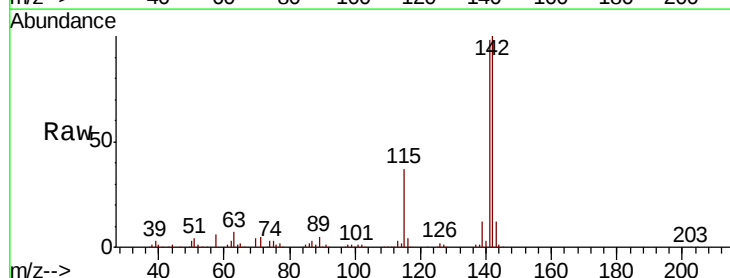
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.845 ng
RT: 12.78 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.2	75.2	112.8
116	4.2	3.3	4.9

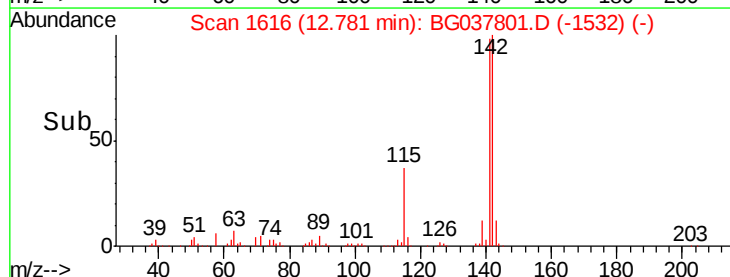
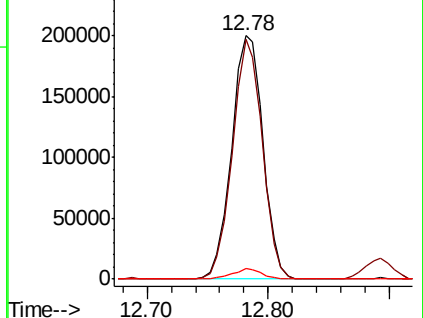


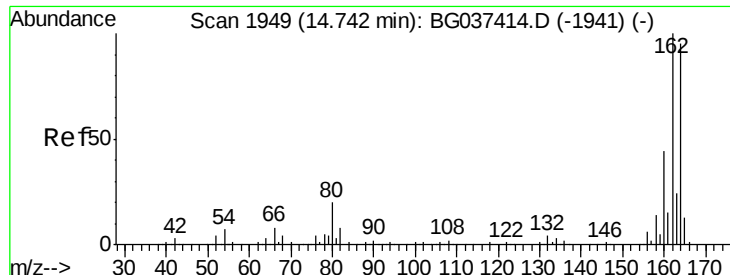
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

BNA_G

ClientSampleId :

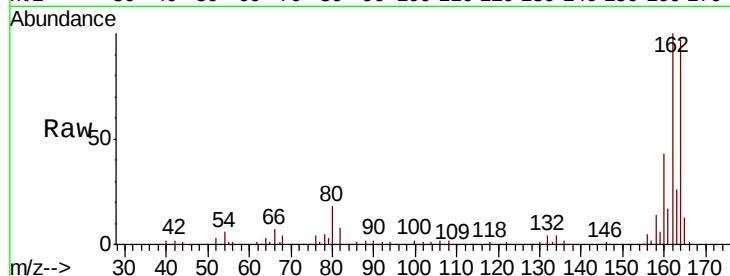
Tot Ion:164 Resp: 151422

Ion Ratio Lower Upper

164 100

162 103.5 81.3 121.9

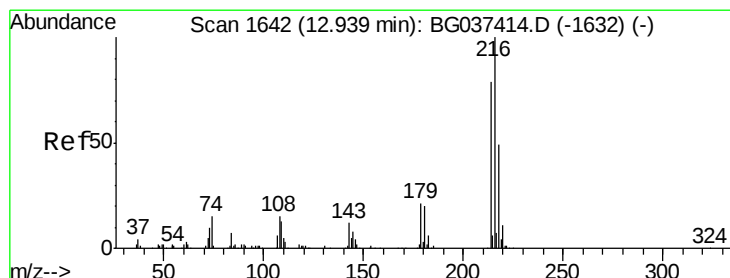
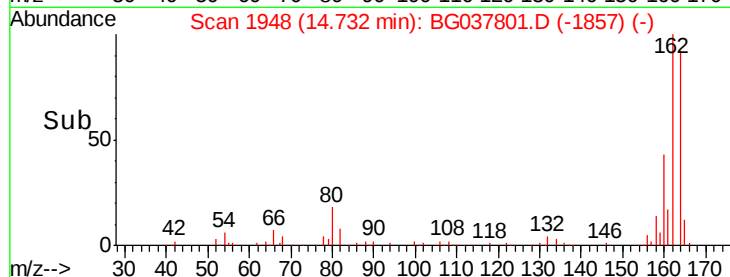
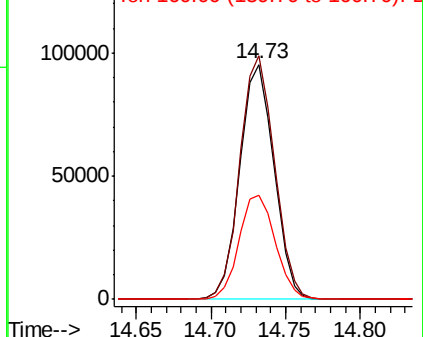
160 44.3 36.3 54.5



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: 41.372 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Tgt Ion:216 Resp: 202067

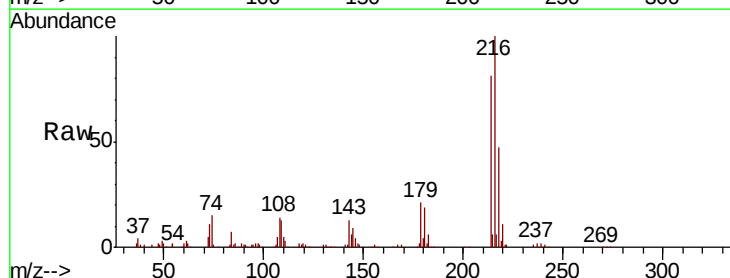
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.6

179 20.7 17.4 26.0

108 18.5 13.9 20.9

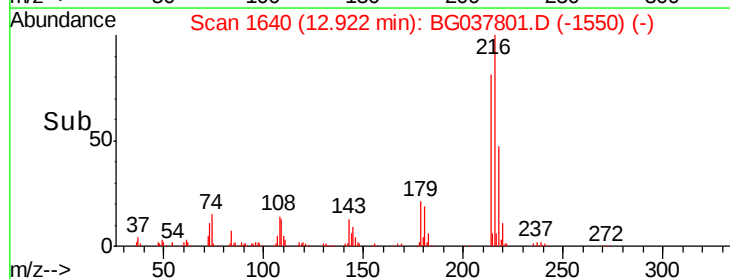
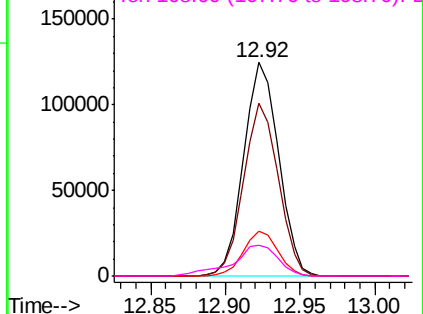


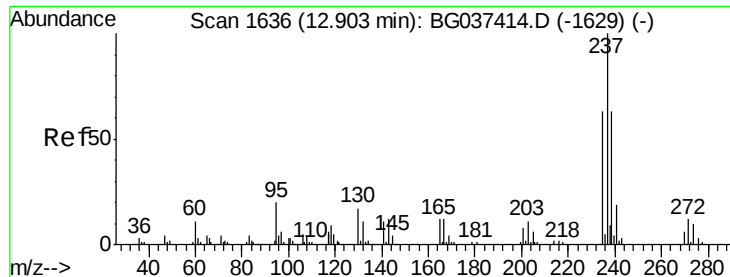
Abundance Ion 216.00 (215.70 to 216.70): E

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: 106.819 ng

RT: 12.89 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

BNA_G

ClientSampleId :

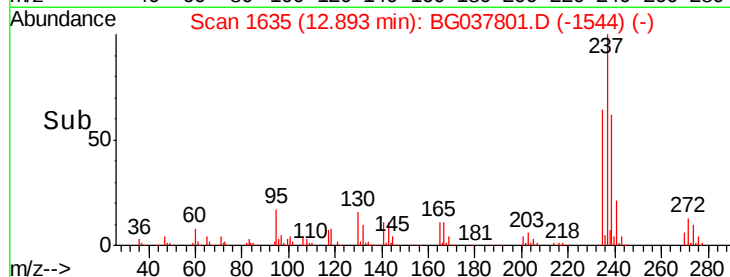
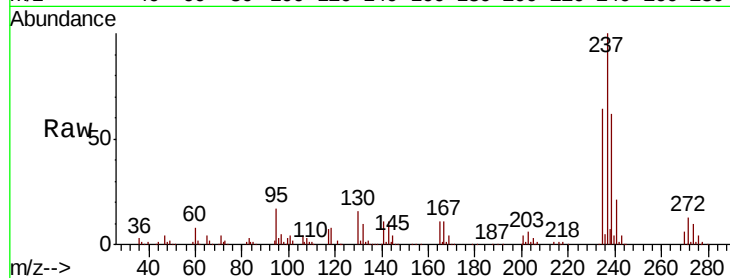
Tot Ion:237 Resp: 249213

Ion Ratio Lower Upper

237 100

235 64.4 42.5 82.5

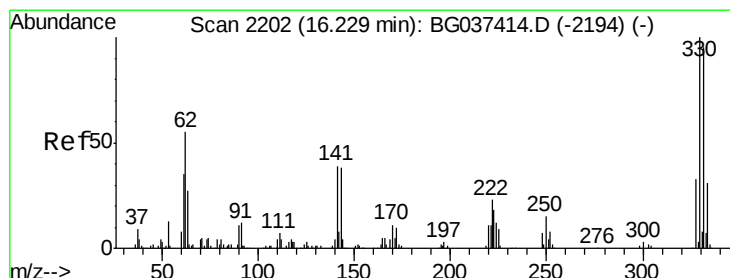
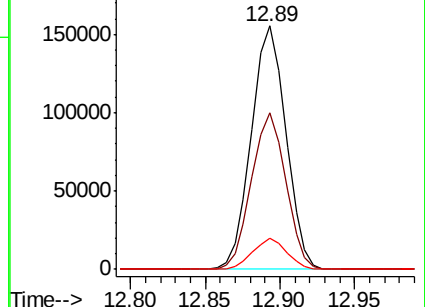
272 12.9 0.0 31.6



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: 157.397 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

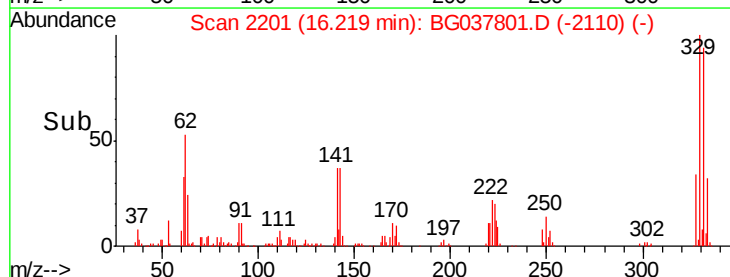
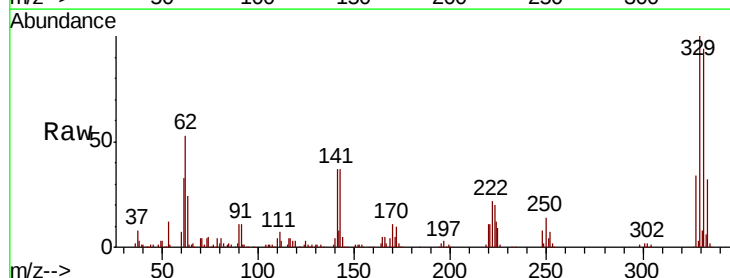
Tgt Ion:330 Resp: 259948

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

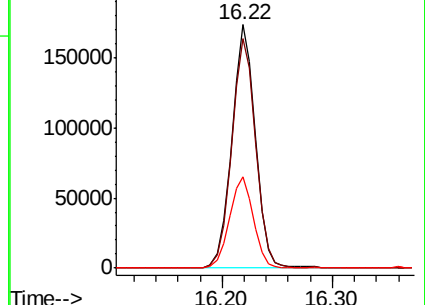
141 38.4 32.2 48.2



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

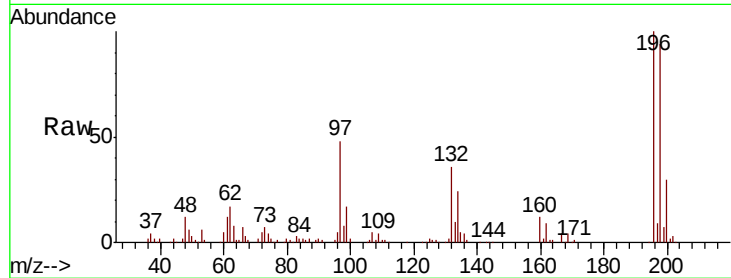




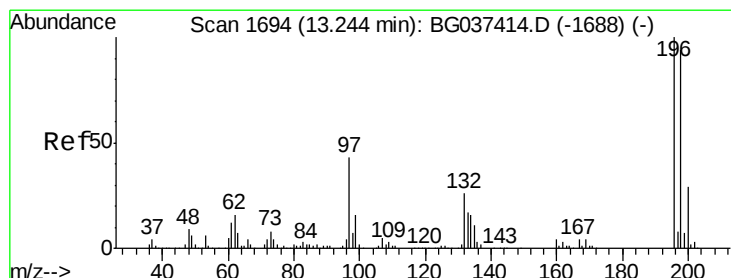
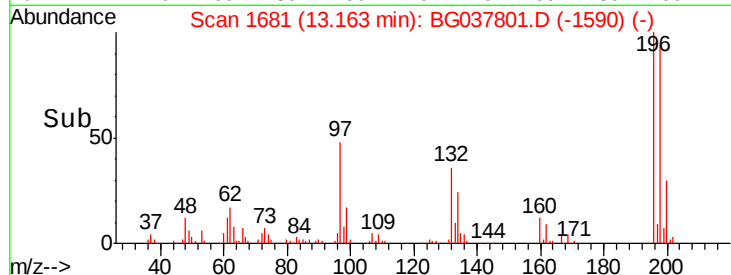
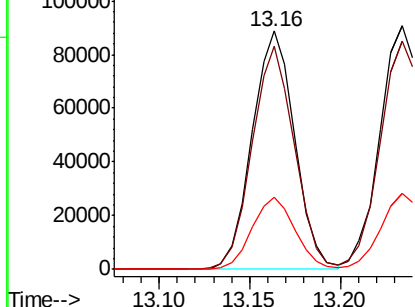
#43
 2,4,6-Trichlorophenol
 Concen: 44.277 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 144478
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.4 114.6
 200 30.2 24.9 37.3

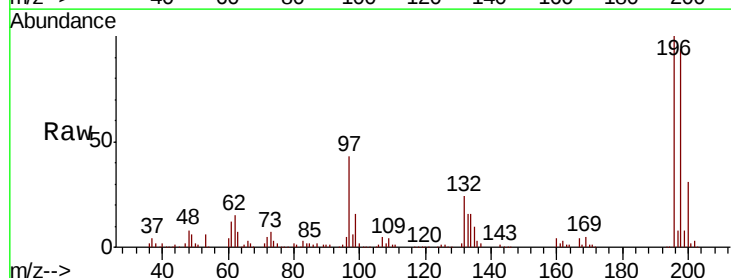


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

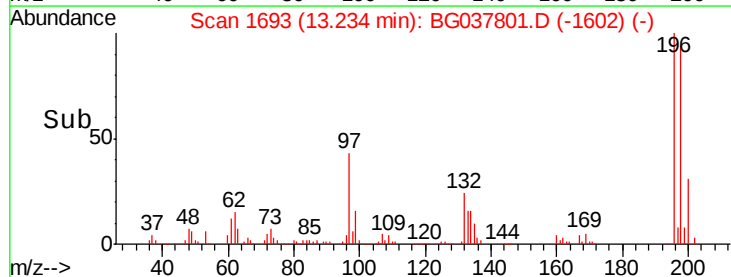
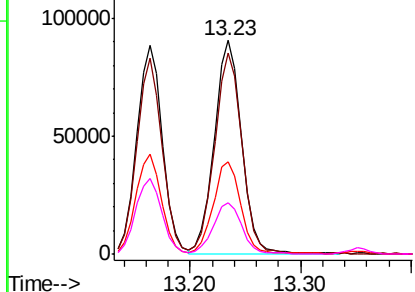


#44
 2,4,5-Trichlorophenol
 Concen: 43.419 ng
 RT: 13.23 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

Tgt Ion:196 Resp: 154253
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.2 111.2
 97 43.3 34.1 51.1
 132 24.2 20.2 30.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

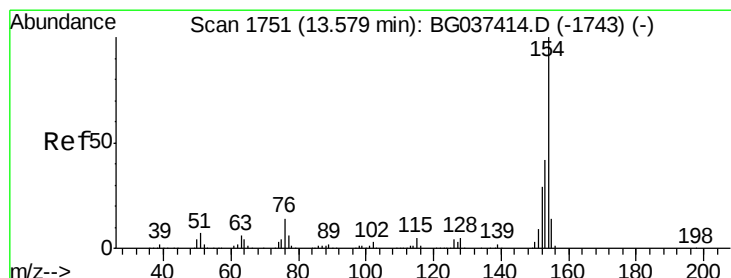
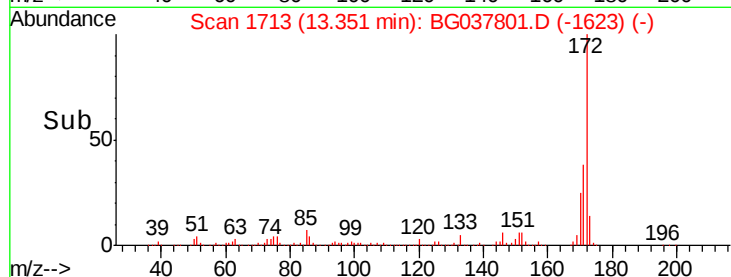
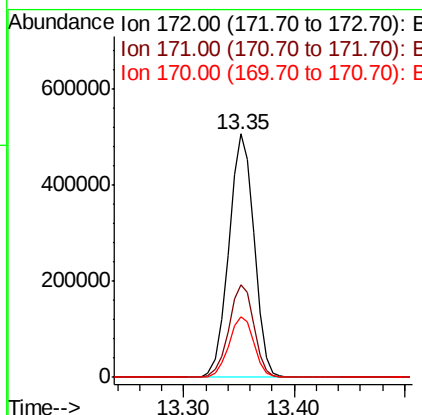
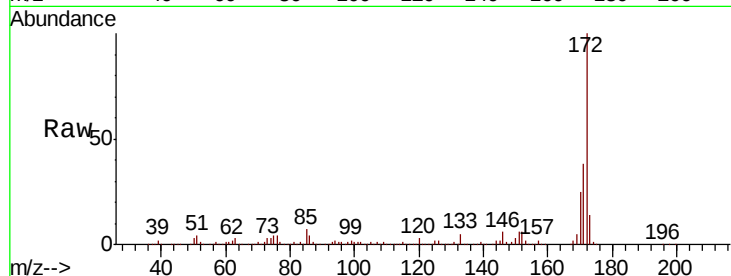




#45
2-Fluorobiphenyl
Concen: 80.775 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

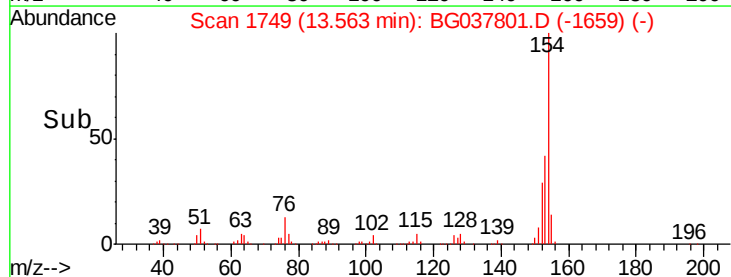
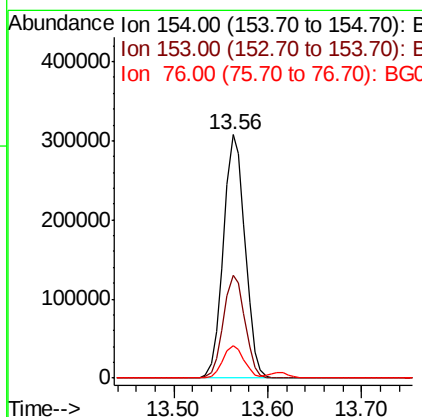
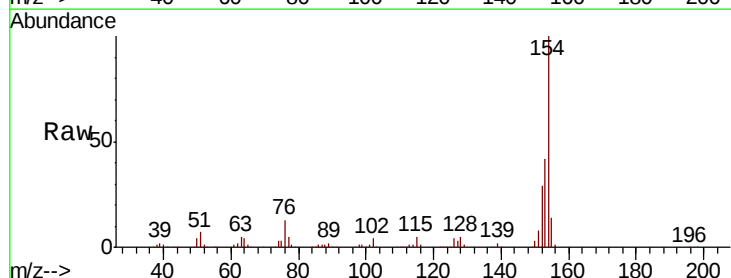
Instrument :
BNA_G
ClientSampleId :

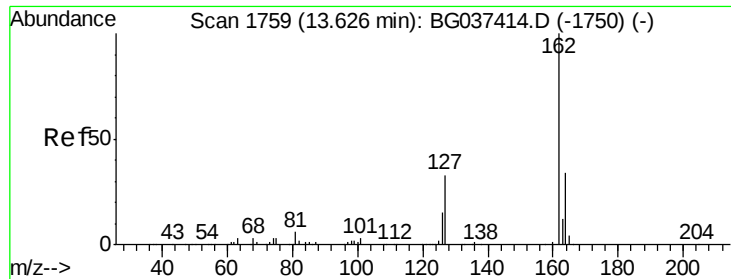
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.1	20.2	30.2



#46
1,1'-Biphenyl
Concen: 39.258 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.1	62.1
76	13.4	0.0	33.2

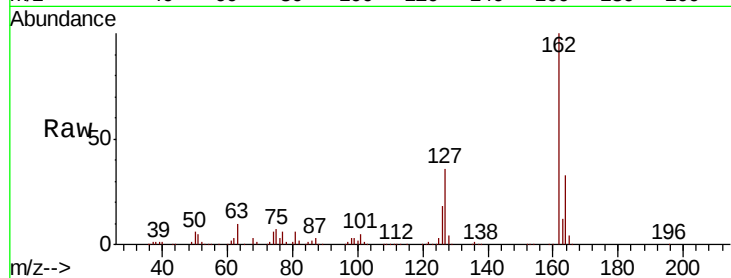




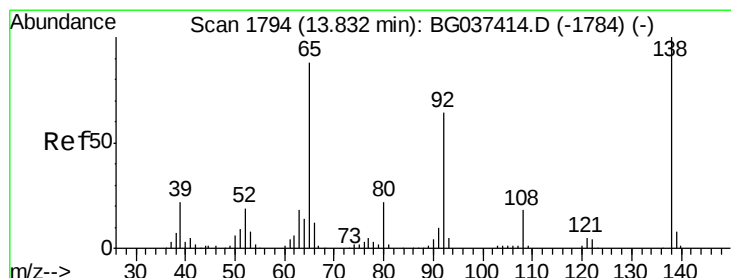
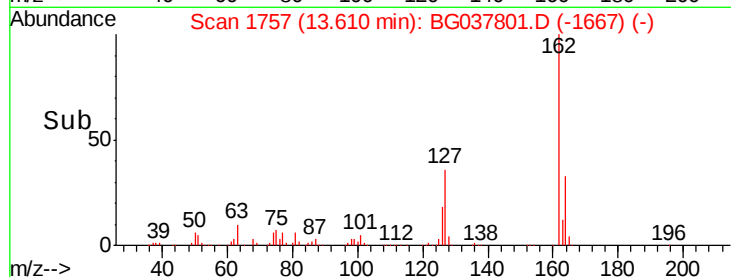
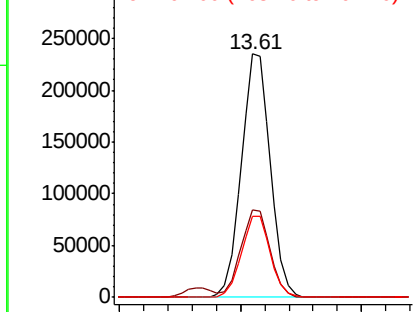
#47
 2-Chloronaphthalene
 Concen: 41.437 ng
 RT: 13.61 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.1	30.5	45.7
164	33.3	26.4	39.6

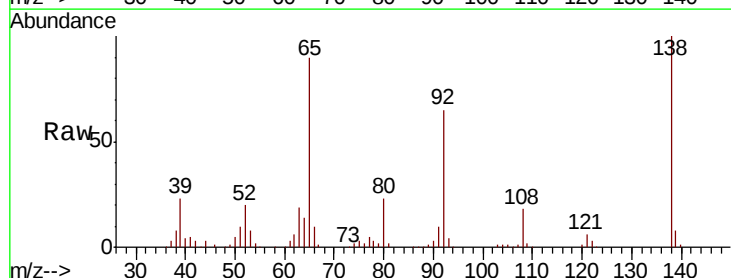


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

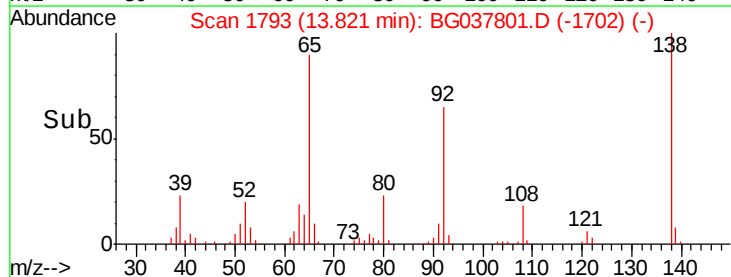
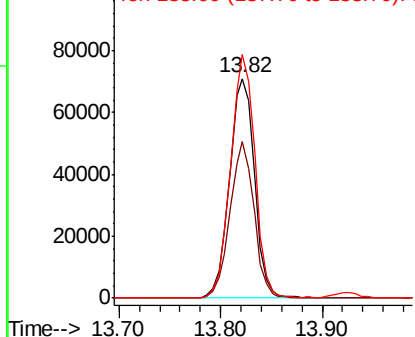


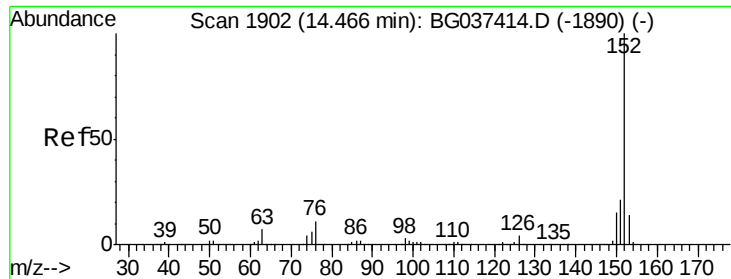
#48
 2-Nitroaniline
 Concen: 42.045 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	53.2	79.8
138	111.0	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: 45.137 ng

RT: 14.46 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

BNA_G

ClientSampleId :

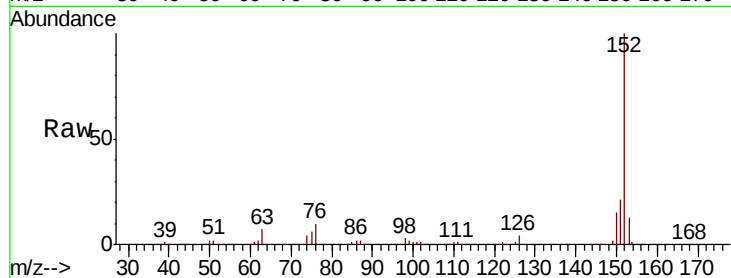
Tot Ion:152 Resp: 644181

Ion Ratio Lower Upper

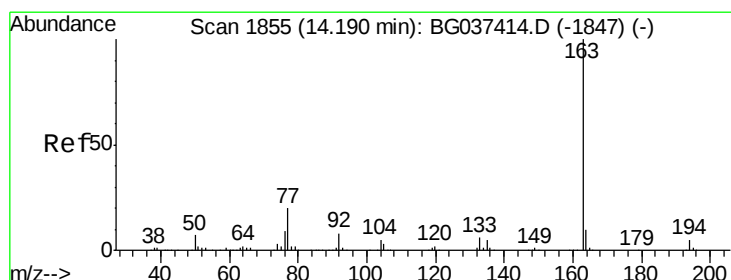
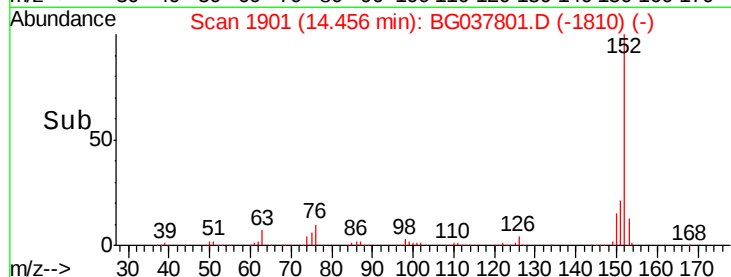
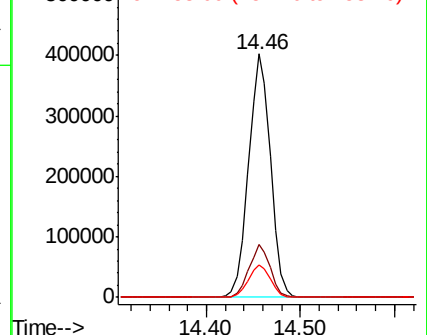
152 100

151 21.5 17.1 25.7

153 13.4 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: 41.230 ng

RT: 14.18 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

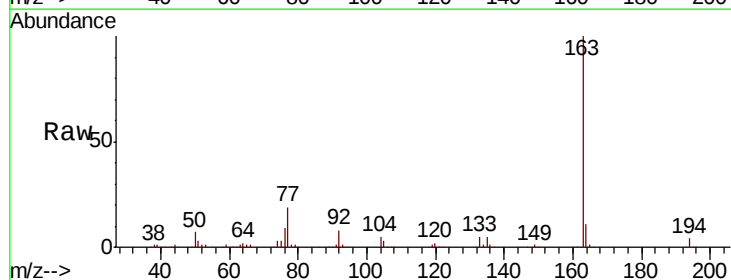
Tgt Ion:163 Resp: 482981

Ion Ratio Lower Upper

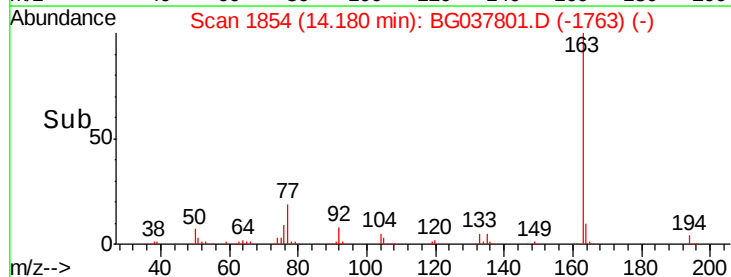
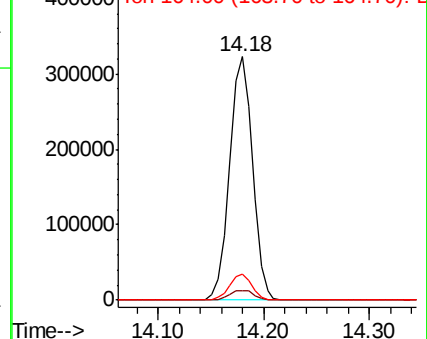
163 100

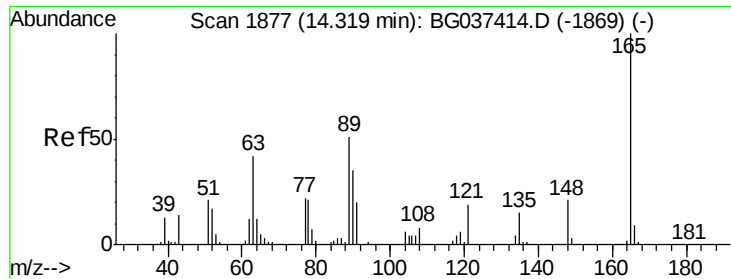
194 4.0 3.5 5.3

164 10.8 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

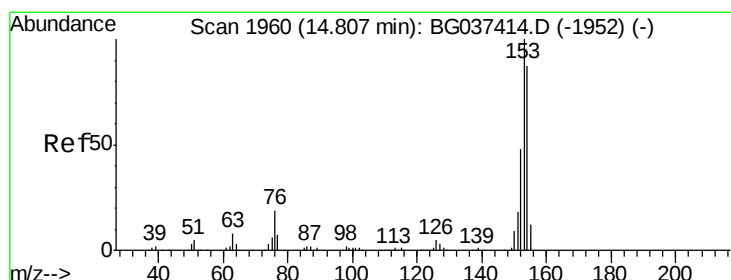
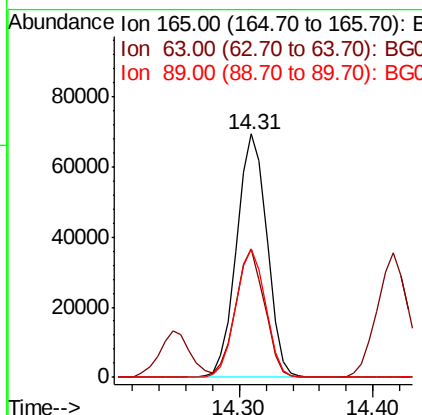
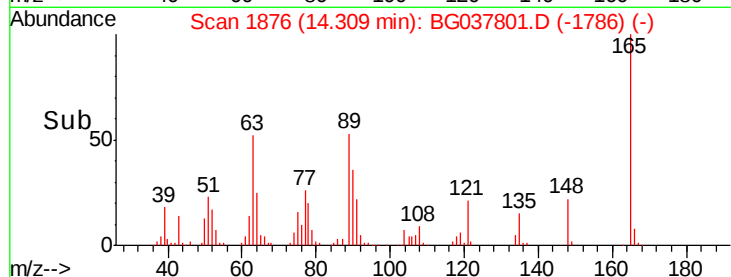
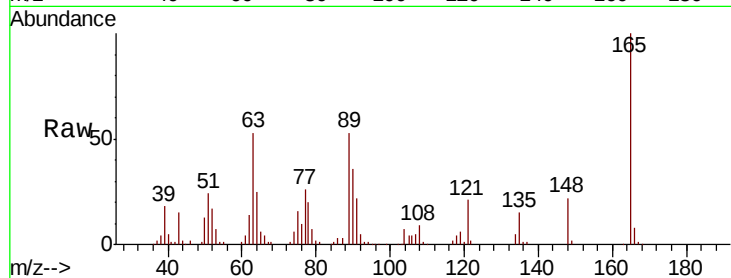




#51
2,6-Dinitrotoluene
Concen: 42.236 ng
RT: 14.31 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

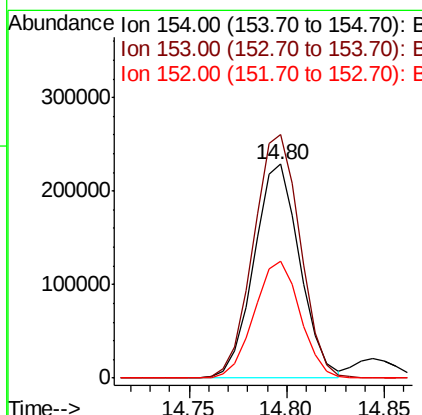
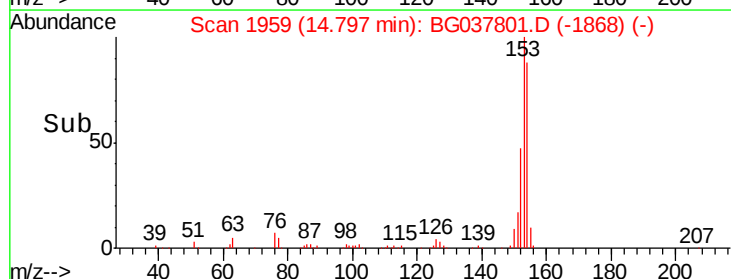
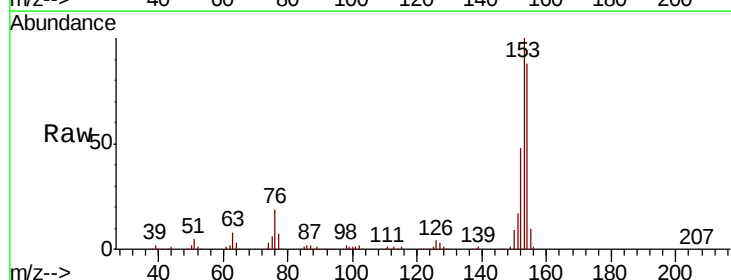
Instrument :
BNA_G
ClientSampled :

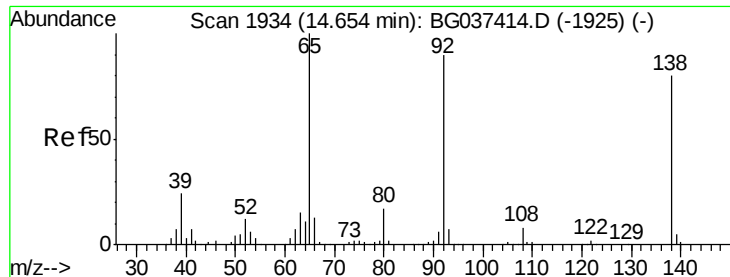
Tot Ion:165 Resp: 109453
Ion Ratio Lower Upper
165 100
63 52.6 43.4 65.2
89 52.9 45.8 68.6



#52
Acenaphthene
Concen: 42.317 ng
RT: 14.80 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion:154 Resp: 371943
Ion Ratio Lower Upper
154 100
153 113.9 93.4 140.0
152 54.4 44.7 67.1





#53

3-Nitroaniline

Concen: 33.767 ng

RT: 14.64 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

BNA_G

ClientSampleId :

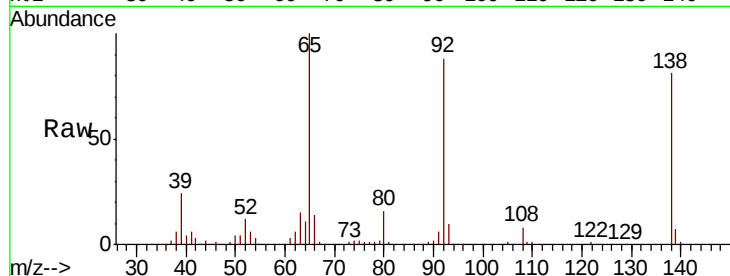
Tot Ion:138 Resp: 97144

Ion Ratio Lower Upper

138 100

108 10.3 11.0 16.6#

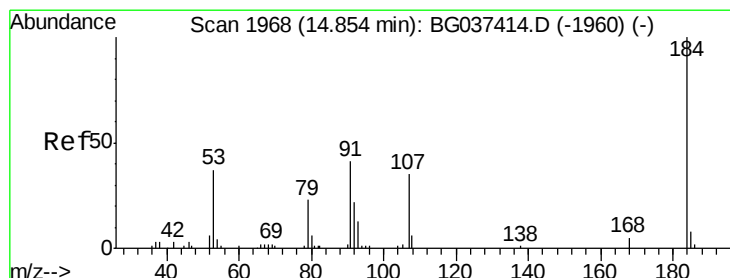
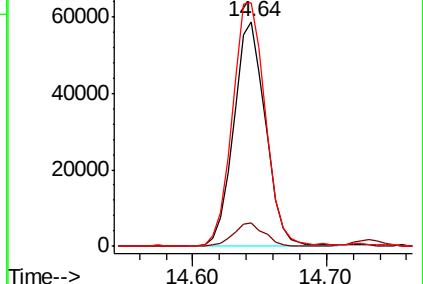
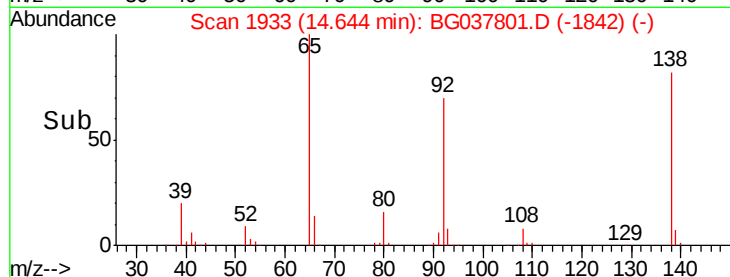
92 108.4 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 66.247 ng

RT: 14.84 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

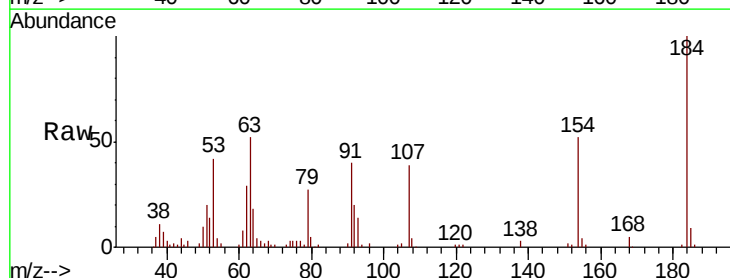
Tgt Ion:184 Resp: 67452

Ion Ratio Lower Upper

184 100

63 52.5 42.6 63.8

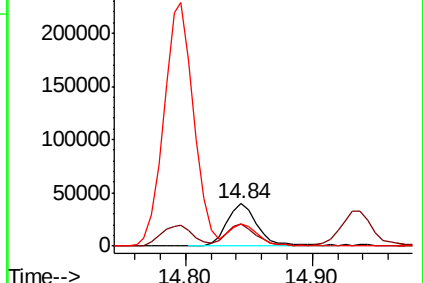
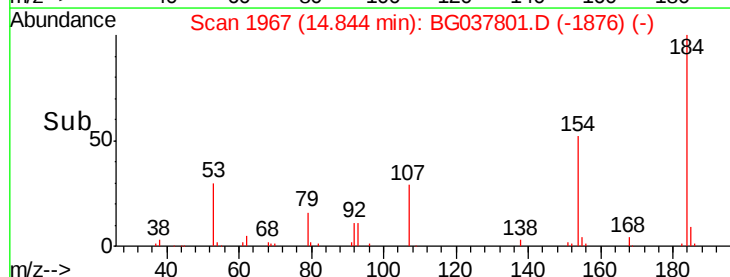
154 52.1 41.8 62.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

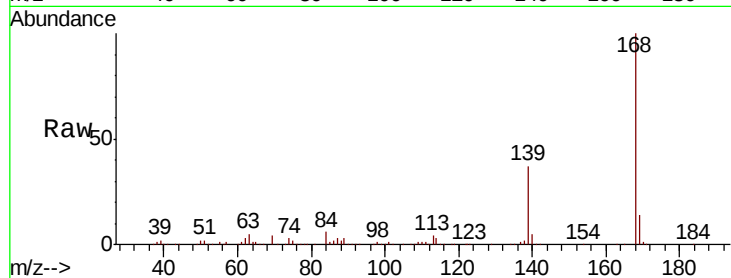




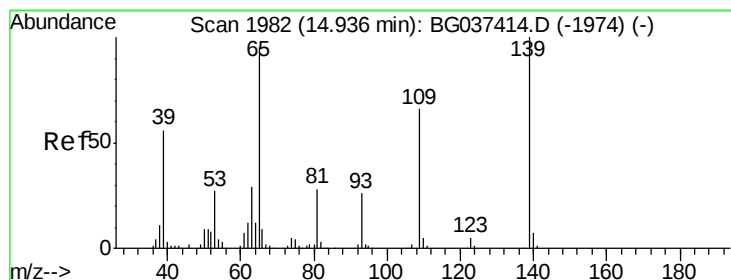
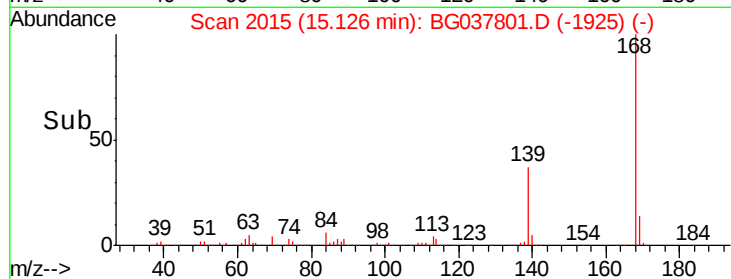
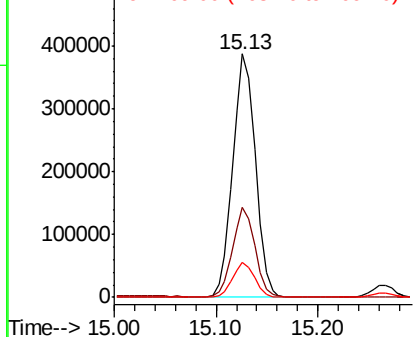
#55
Dibenzofuran
Concen: 41.315 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 601644
Ion Ratio Lower Upper
168 100
139 36.8 29.4 44.0
169 14.3 11.0 16.6

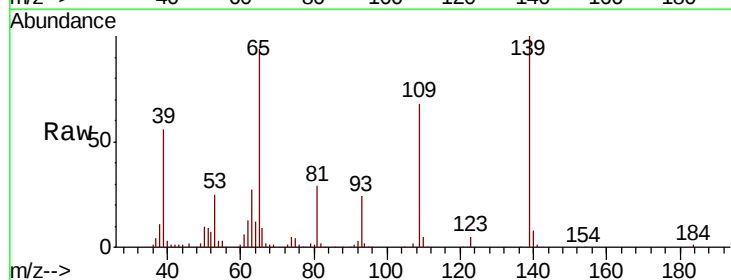


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

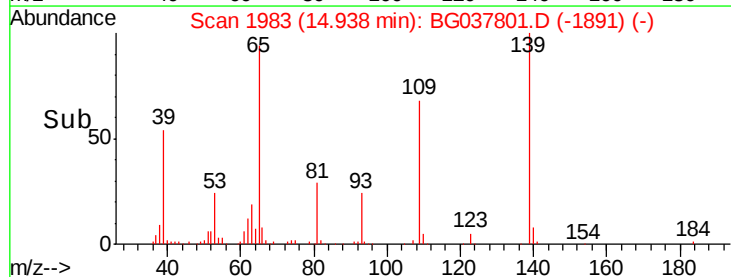
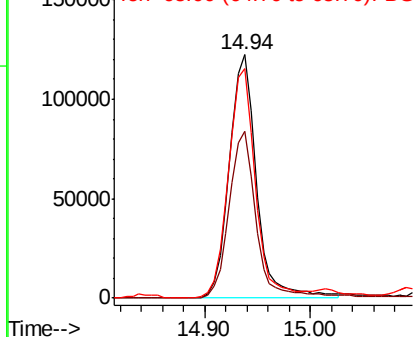


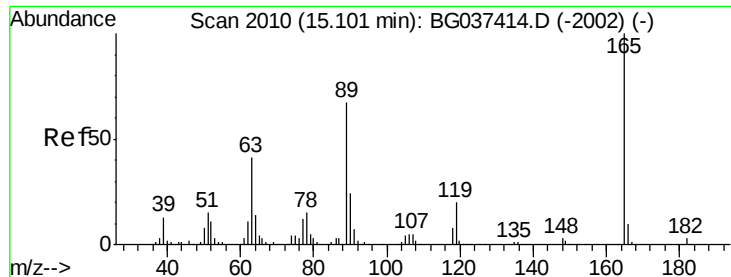
#56
4-Nitrophenol
Concen: 102.445 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion:139 Resp: 218151
Ion Ratio Lower Upper
139 100
109 68.4 49.5 89.5
65 94.4 76.8 116.8



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

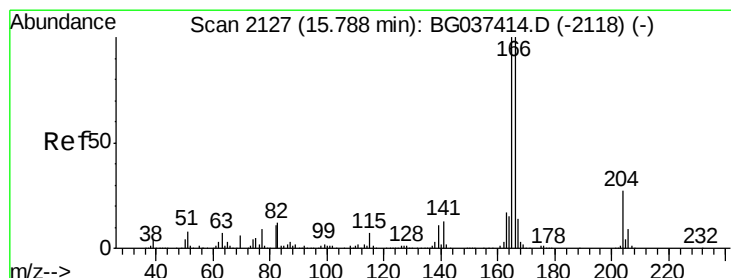
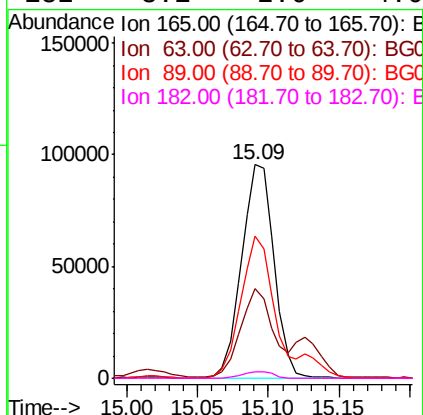
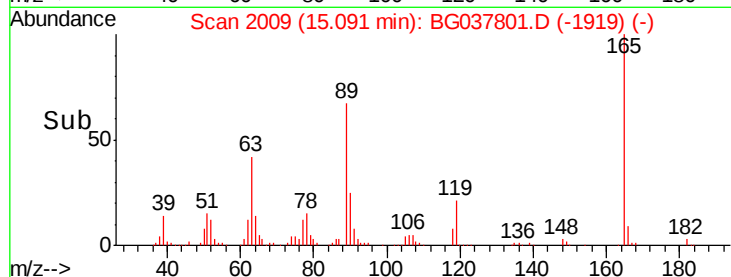
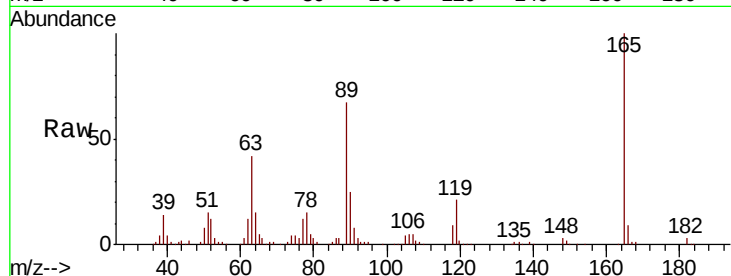




#57
2,4-Dinitrotoluene
Concen: 45.218 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

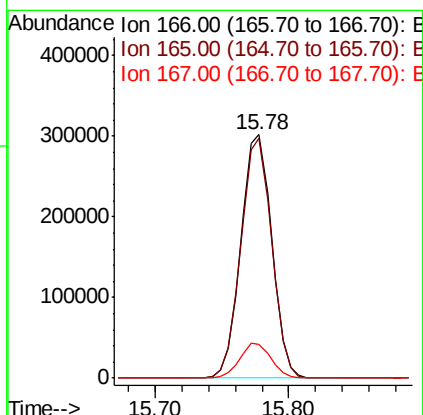
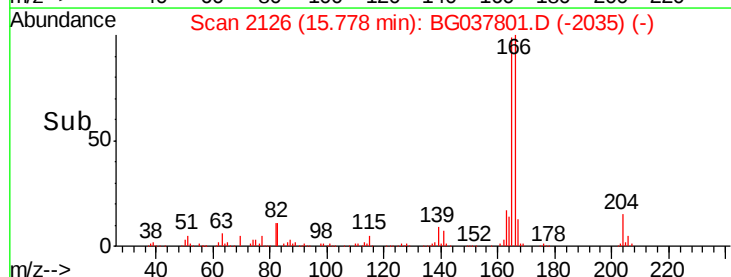
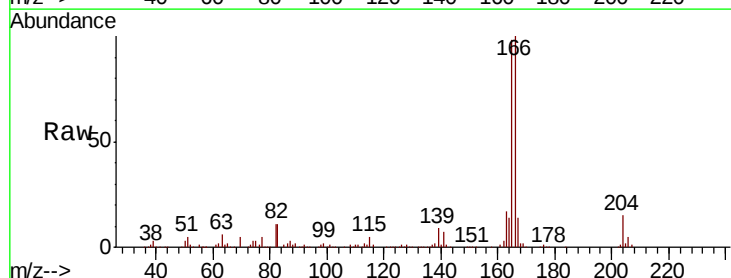
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.0	33.4	50.0
89	66.7	57.2	85.8
182	3.1	2.6	4.0



#58
Fluorene
Concen: 44.165 ng
RT: 15.78 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.6
167	13.8	11.3	16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.739 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 133046

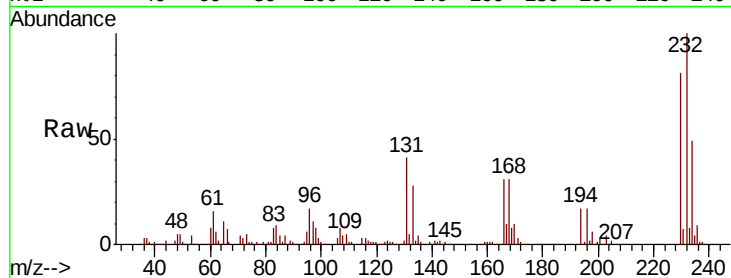
Ion Ratio Lower Upper

232 100

131 41.2 33.7 50.5

130 2.1 2.1 3.1

166 29.7 24.6 36.8

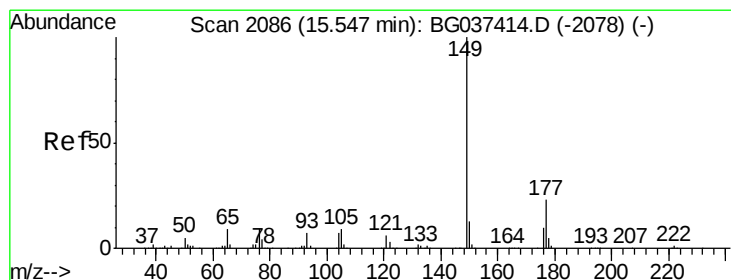
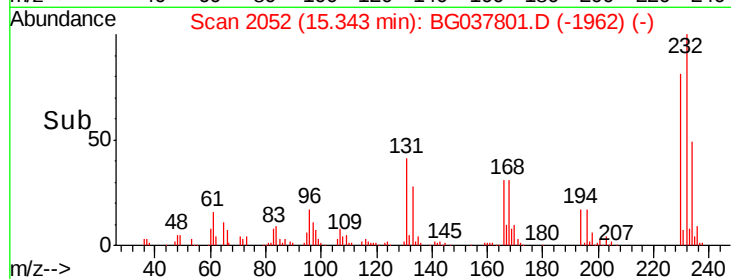
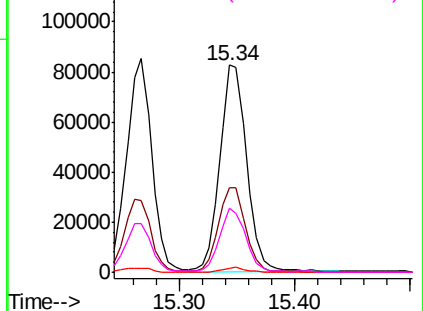


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.545 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

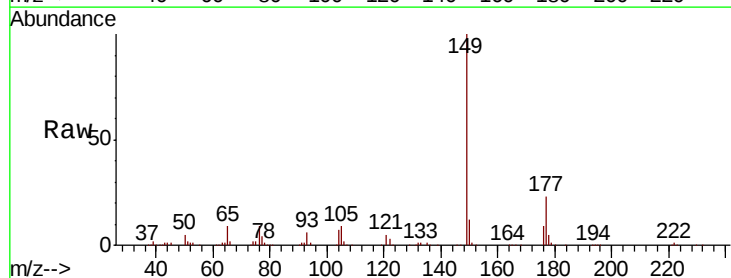
Tgt Ion:149 Resp: 499645

Ion Ratio Lower Upper

149 100

177 23.0 18.3 27.5

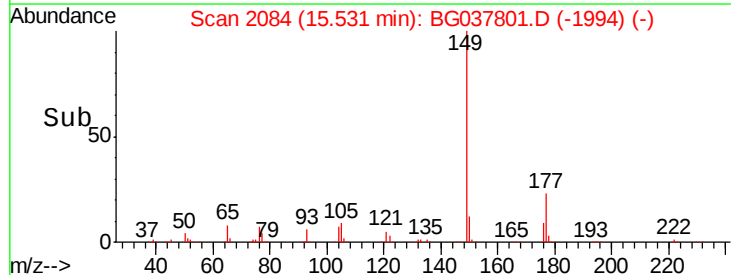
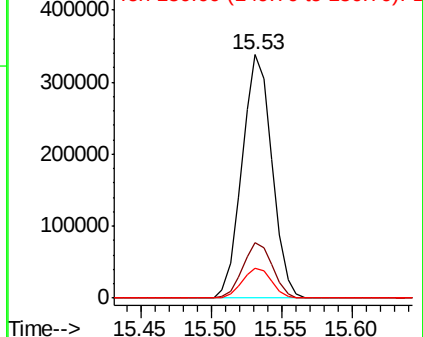
150 12.4 10.0 15.0

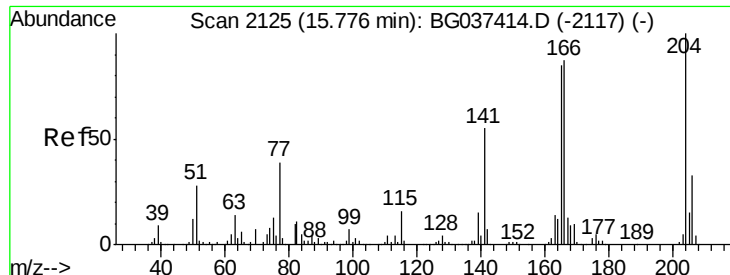


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

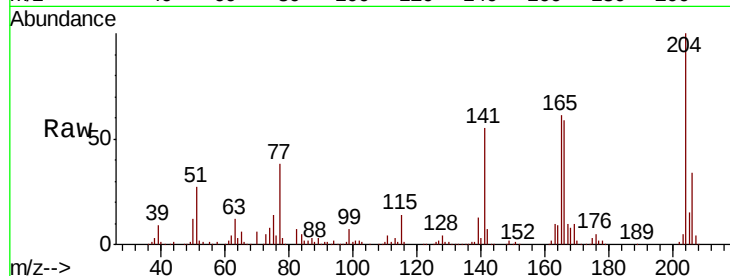




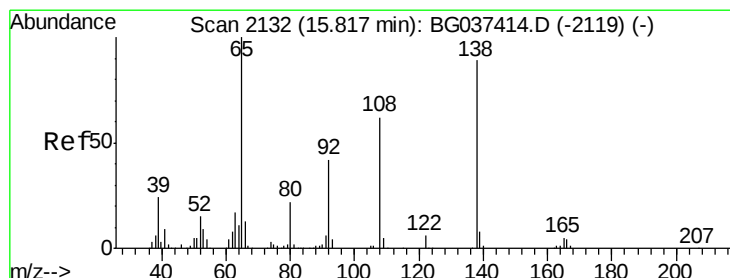
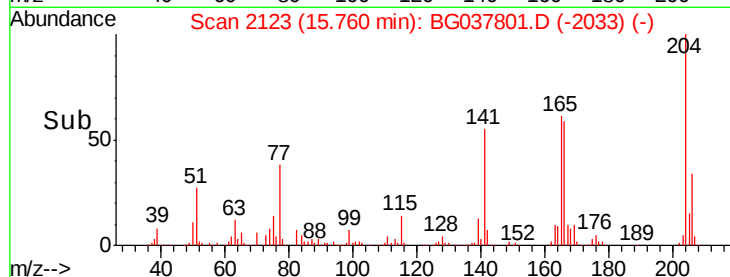
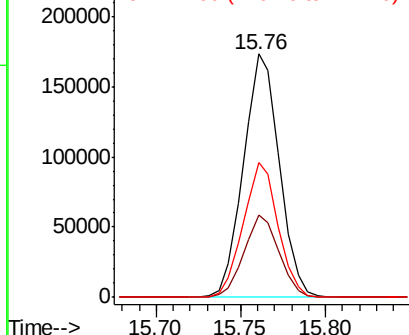
#61
4-Chlorophenyl-phenylether
Concen: 40.300 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 256152
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 55.4 45.4 68.2

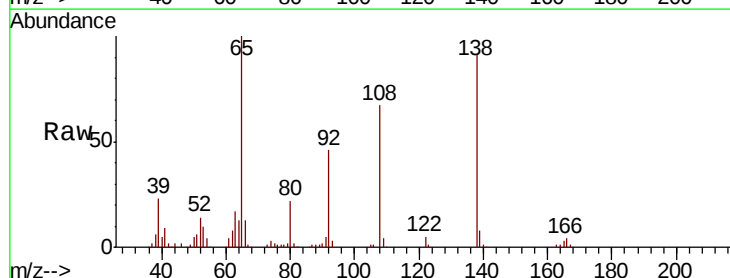


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

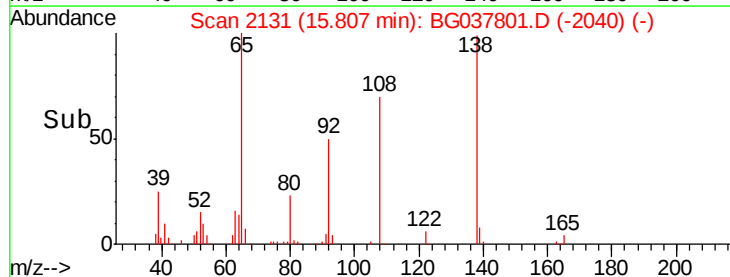
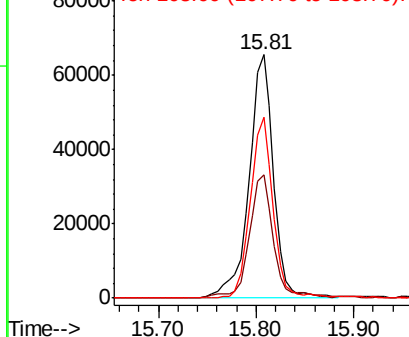


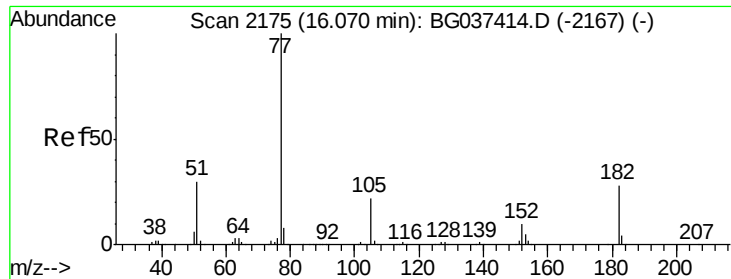
#62
4-Nitroaniline
Concen: 40.502 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion:138 Resp: 115779
Ion Ratio Lower Upper
138 100
92 50.7 36.4 76.4
108 74.1 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

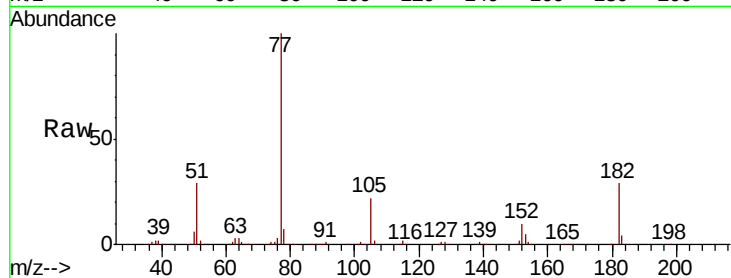




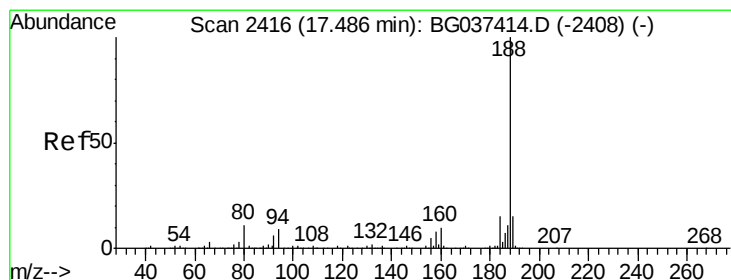
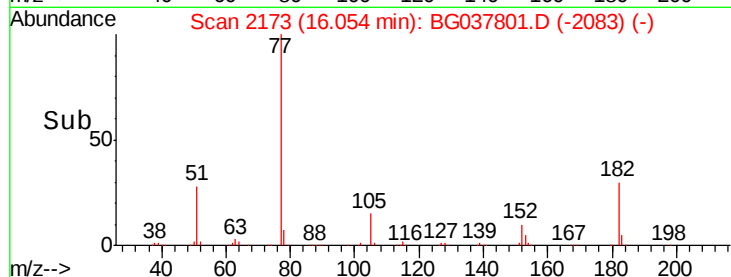
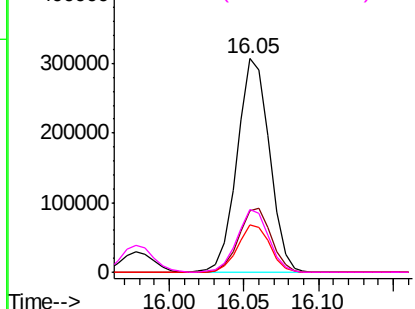
#63
Azobenzene
Concen: 40.111 ng
RT: 16.05 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.6	8.0	48.0
105	22.0	1.3	41.3
51	29.3	10.7	50.7

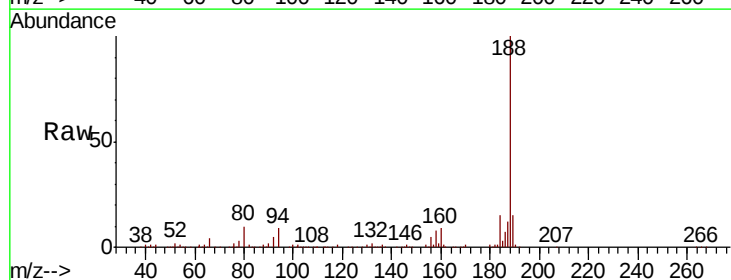


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

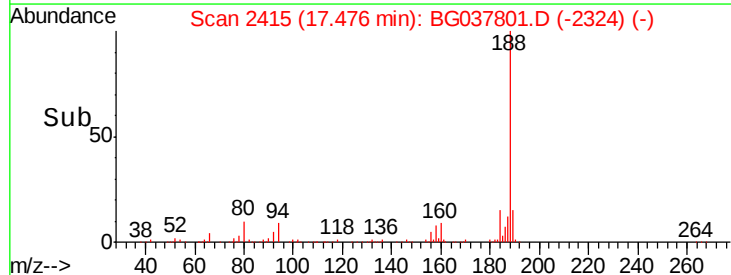
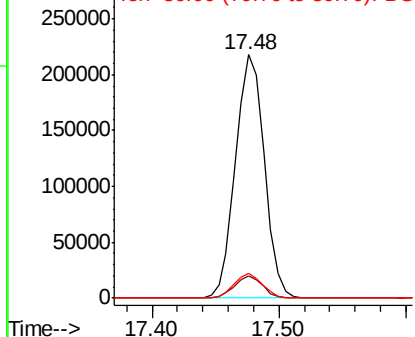


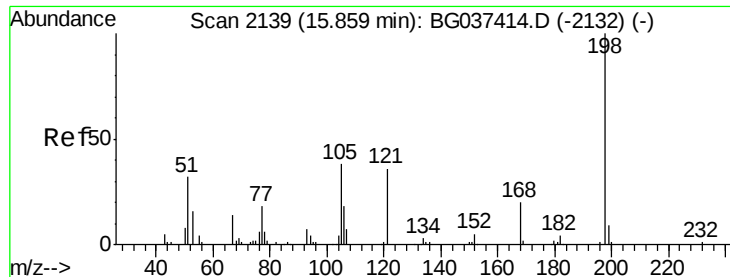
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.1	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: 40.258 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

BNA_G

ClientSampleId :

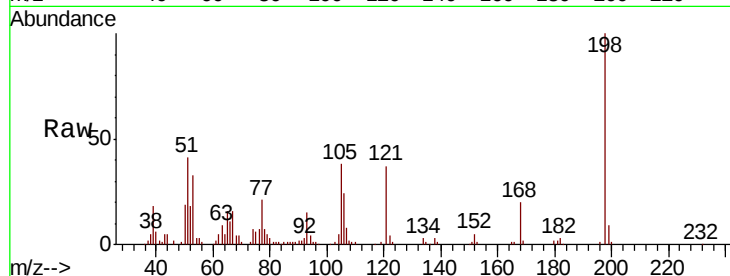
Tot Ion:198 Resp: 69598

Ion Ratio Lower Upper

198 100

51 41.5 22.7 62.7

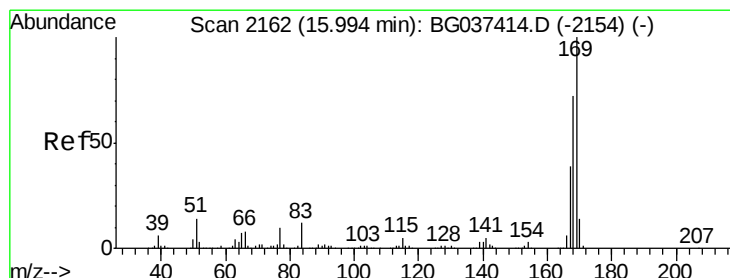
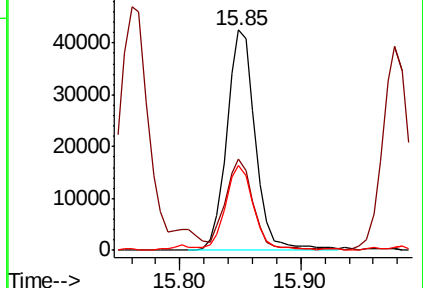
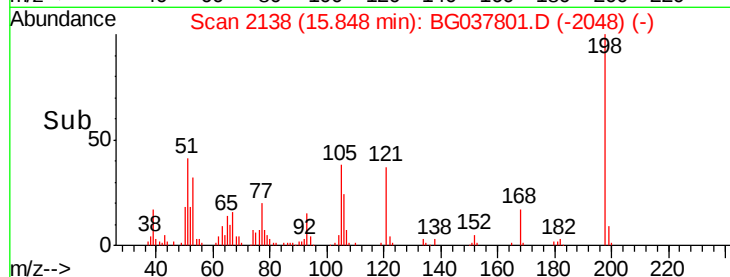
105 38.3 19.7 59.7



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: 41.907 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

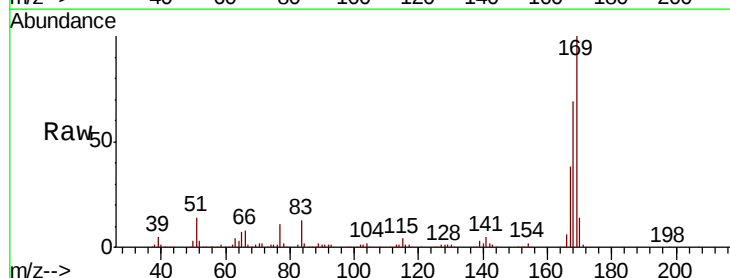
Tgt Ion:169 Resp: 433237

Ion Ratio Lower Upper

169 100

168 68.7 55.7 83.5

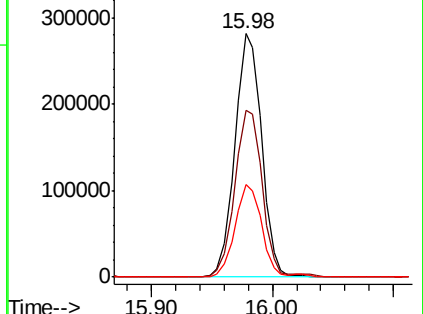
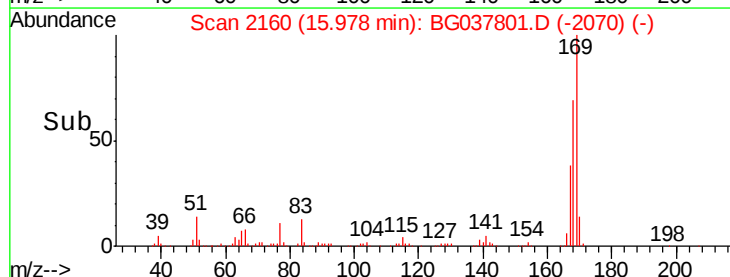
167 38.2 31.3 46.9



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

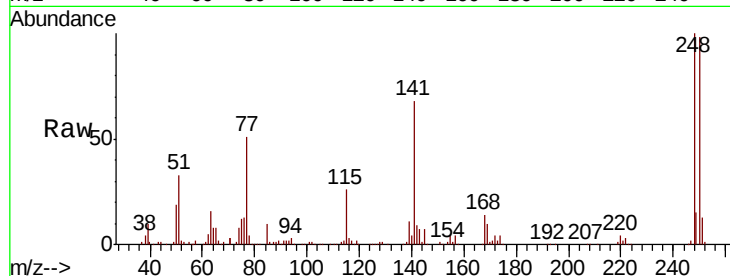




#67
 4-Bromophenyl-phenylether
 Concen: 42.006 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.0	115.6
141	68.1	55.5	83.3

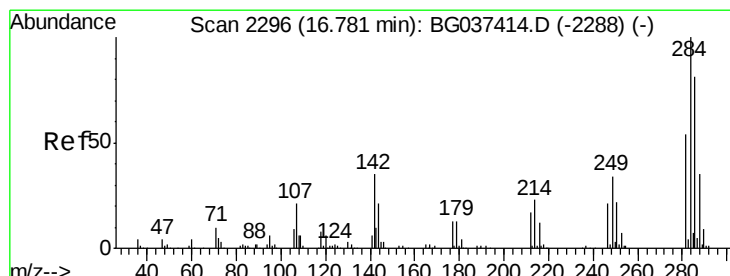
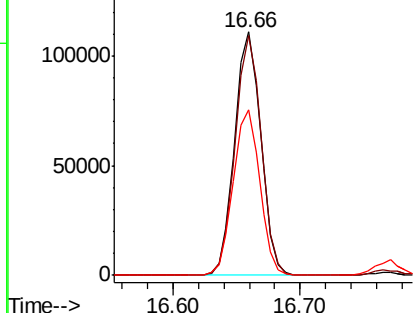
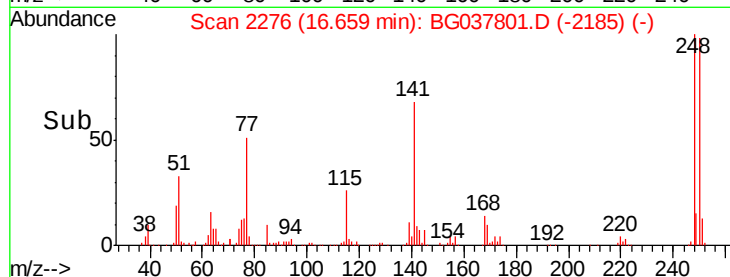


Abundance

Ion 248.00 (247.70 to 248.70): E

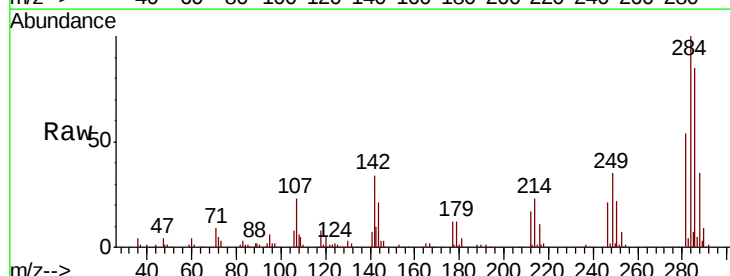
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.830 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. 0.00 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.1	42.1
249	36.8	29.8	44.8

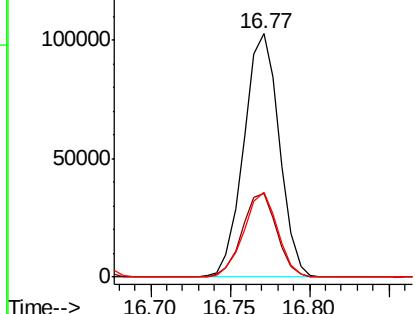
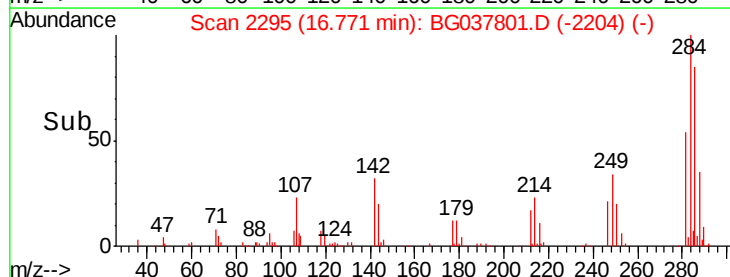


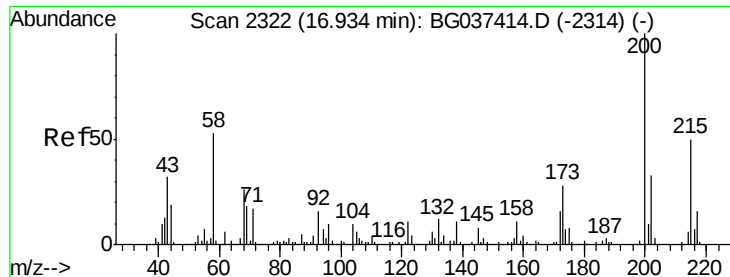
Abundance

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: 42.871 ng

RT: 16.92 min Scan# 2321

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

BNA_G

ClientSampled :

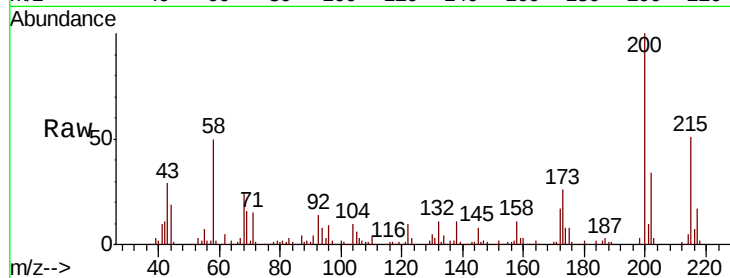
Tot Ion:200 Resp: 160239

Ion Ratio Lower Upper

200 100

173 26.5 6.1 46.1

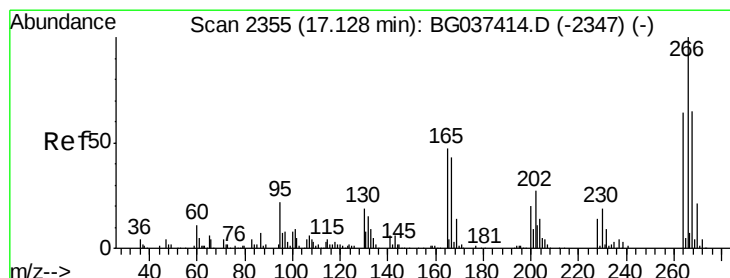
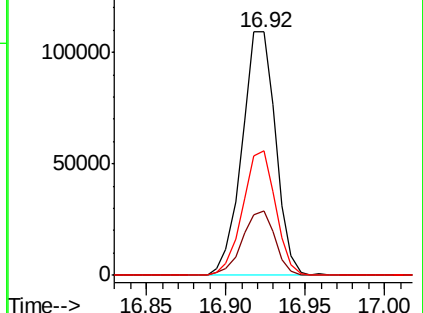
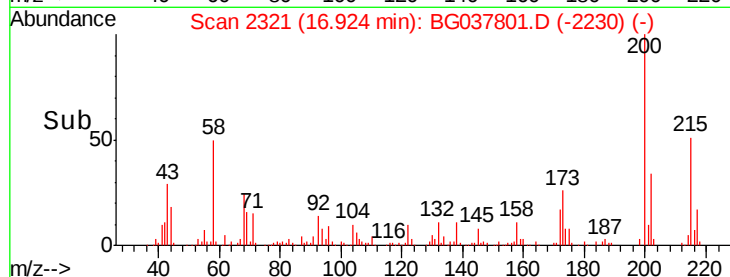
215 50.9 30.8 70.8



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: 65.059 ng

RT: 17.12 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

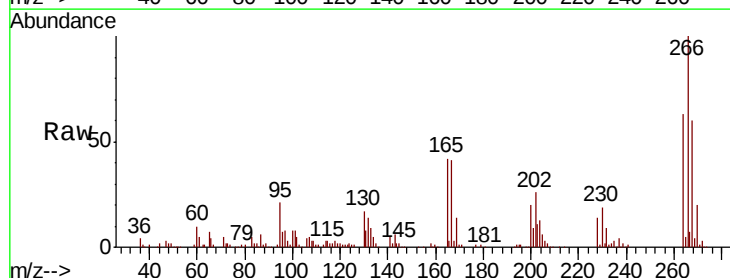
Tgt Ion:266 Resp: 170463

Ion Ratio Lower Upper

266 100

268 64.2 55.0 82.6

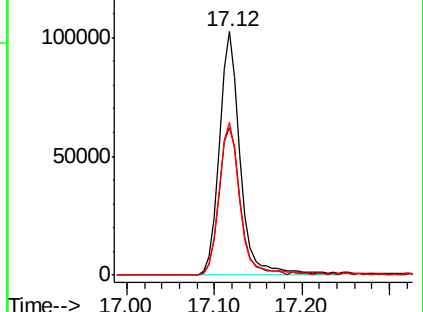
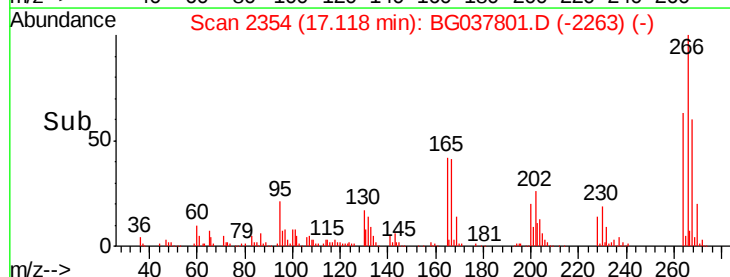
264 67.7 58.9 88.3

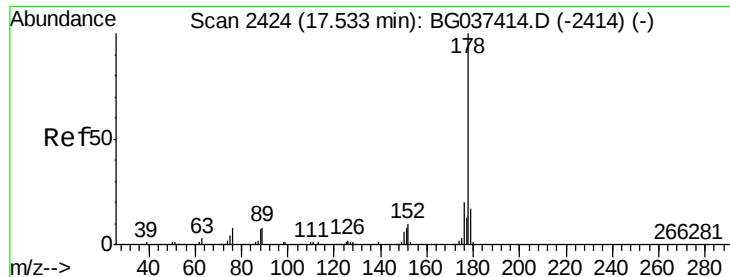


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

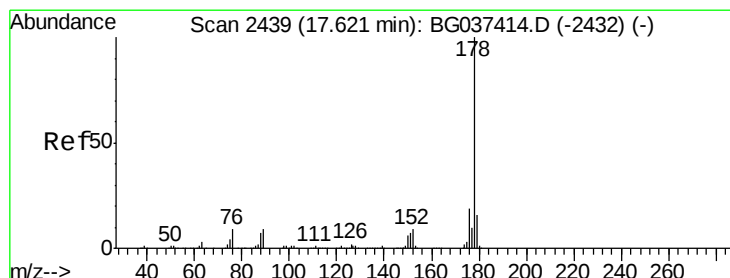
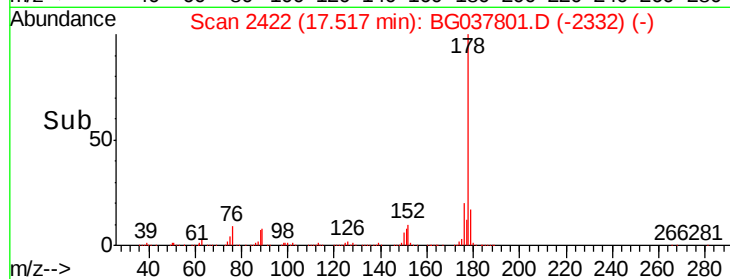
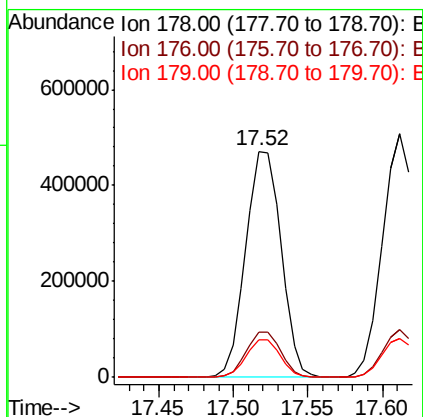
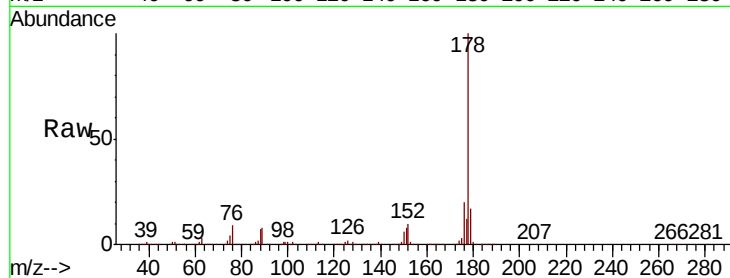




#71
Phenanthrene
Concen: 44.360 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

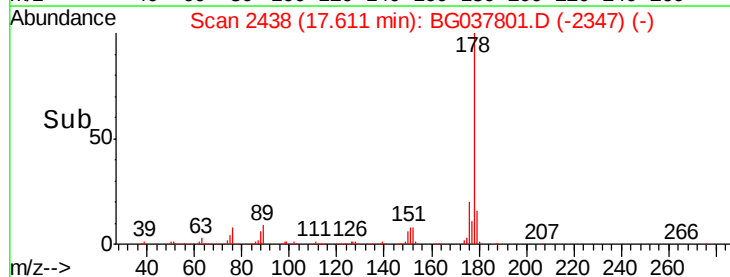
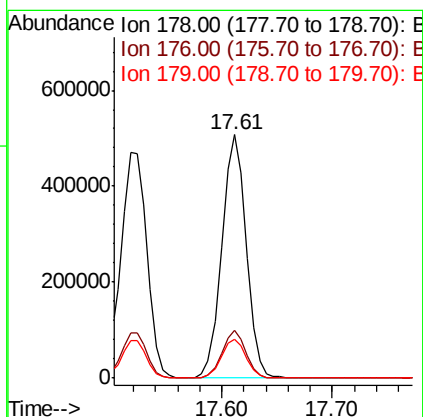
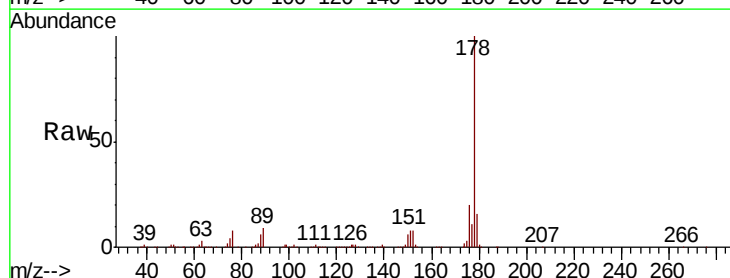
Instrument :
BNA_G
ClientSampleId :

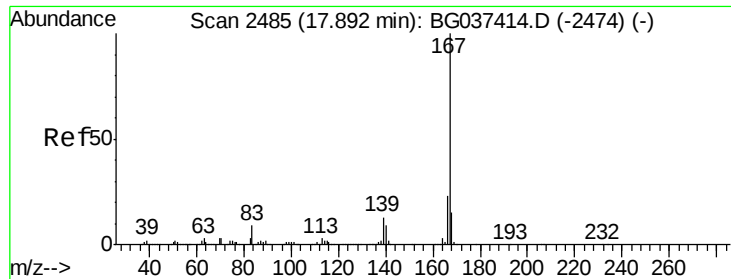
Tot Ion:178 Resp: 774826
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.6 13.0 19.4



#72
Anthracene
Concen: 45.660 ng
RT: 17.61 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion:178 Resp: 782668
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 16.0 12.8 19.2

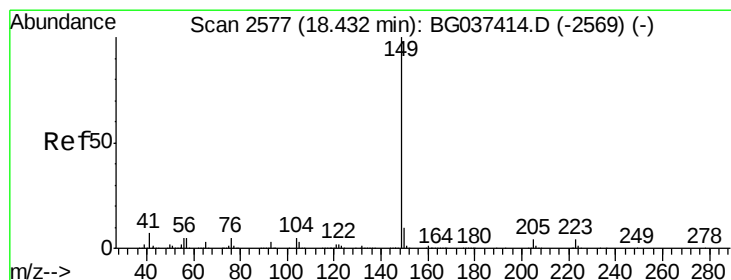
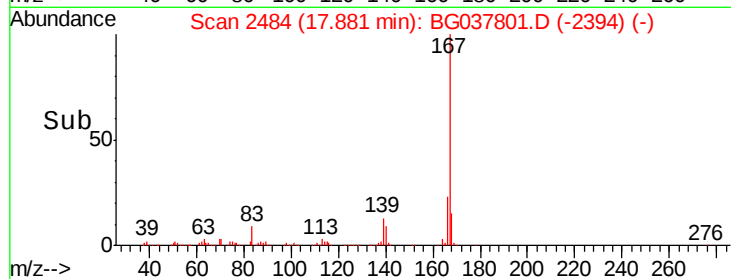
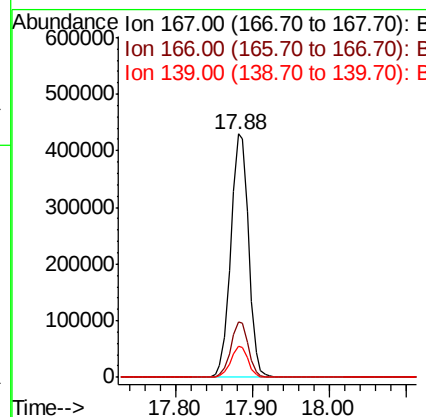
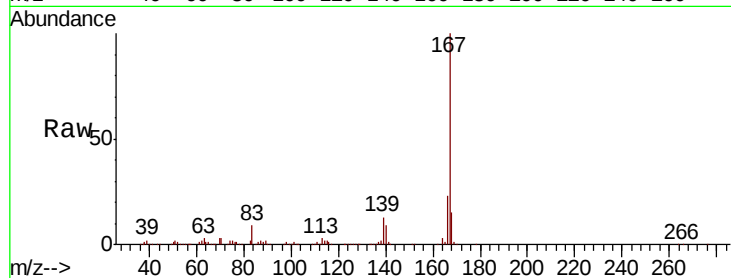




#73
 Carbazole
 Concen: 40.621 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

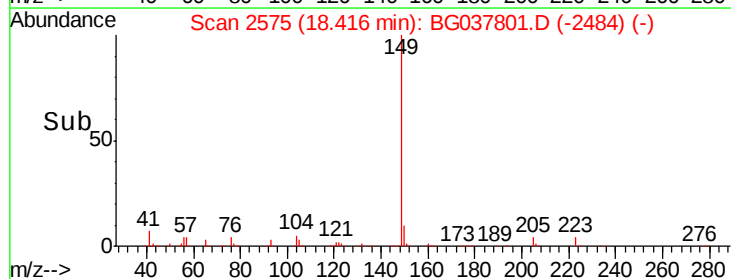
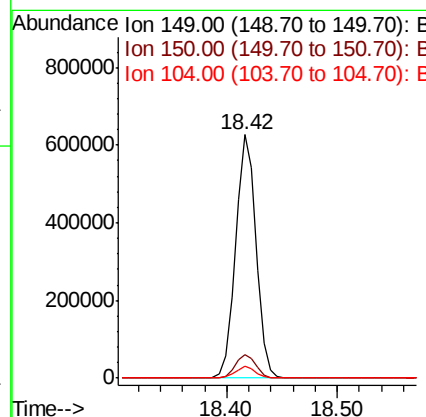
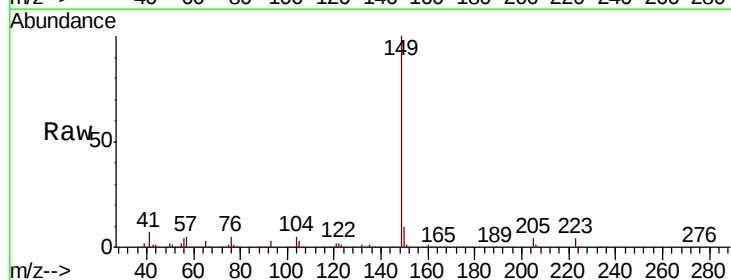
Instrument :
 BNA_G
 ClientSampled :

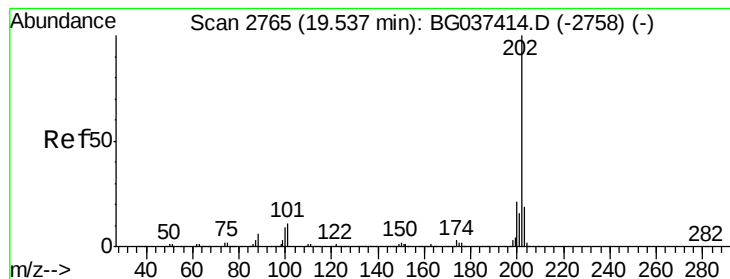
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.3	27.5
139	12.8	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 42.672 ng
 RT: 18.42 min Scan# 2575
 Delta R.T. 0.00 min
 Lab File: BG037801.D
 Acq: 5 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 44.720 ng

RT: 19.53 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BG037801.D

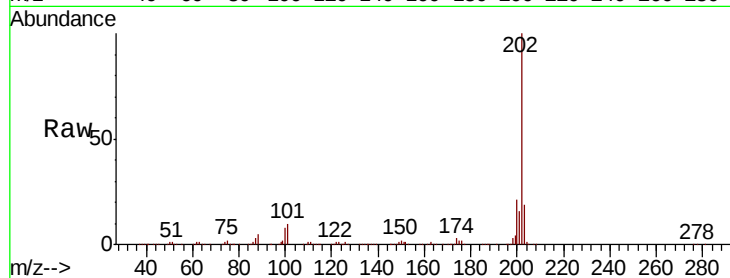
Acq: 5 Nov 2018 13:53

Instrument :

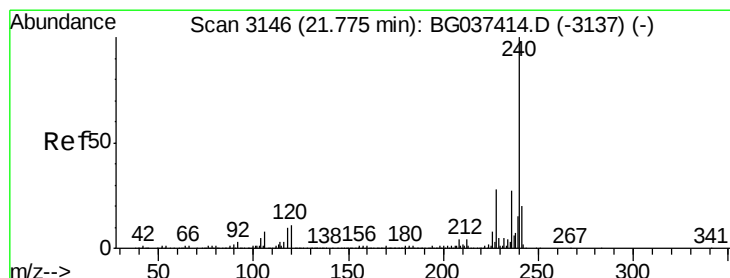
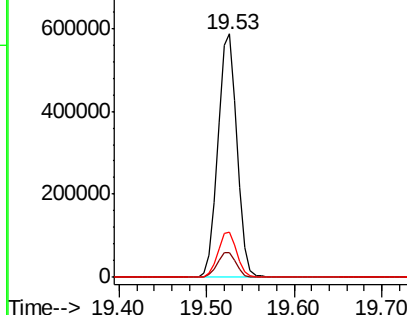
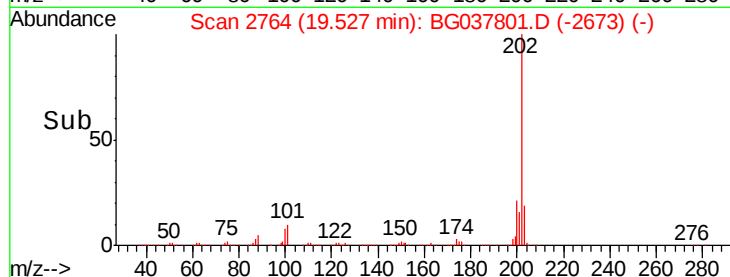
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	885937
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.7
203	18.5	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



#76

Chrysene-d12

Concen: 20.000 ng

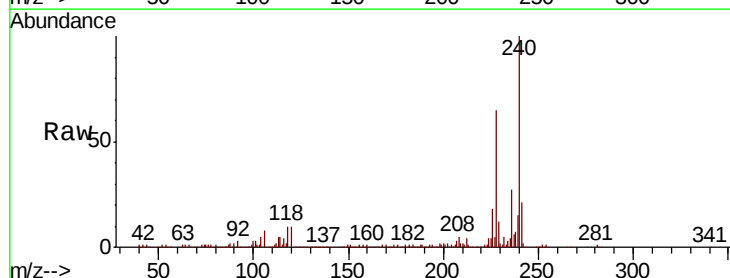
RT: 21.76 min Scan# 3144

Delta R.T. -0.00 min

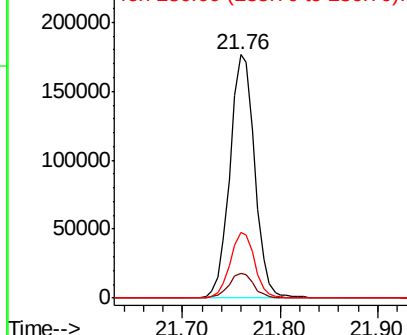
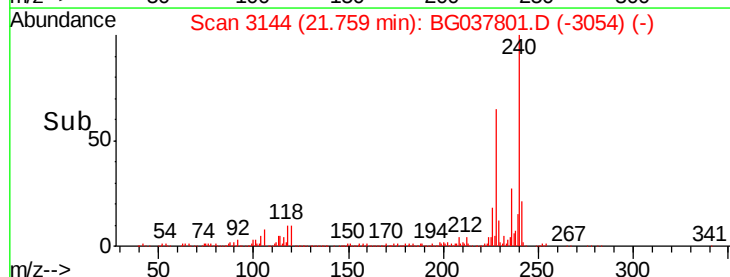
Lab File: BG037801.D

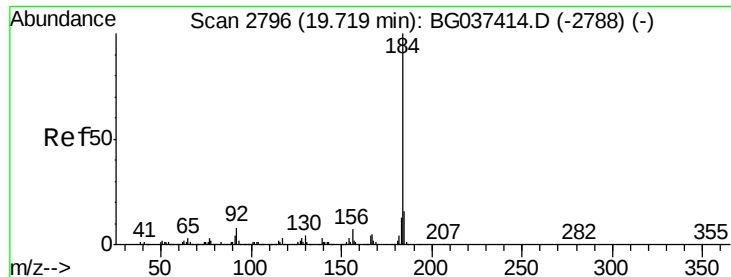
Acq: 5 Nov 2018 13:53

Tgt Ion:	240	Resp:	311856
Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	27.0	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





#77

Benzidine

Concen: 36.121 ng

RT: 19.71 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

BNA_G

ClientSampleId :

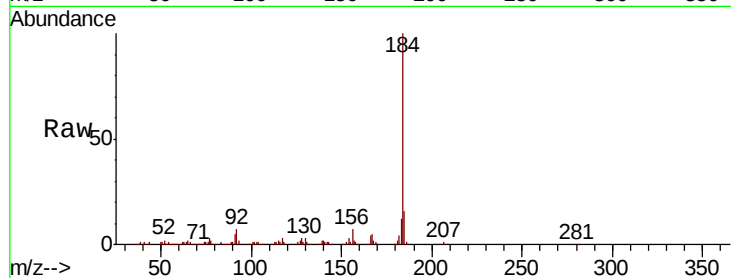
Tot Ion:184 Resp: 383026

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

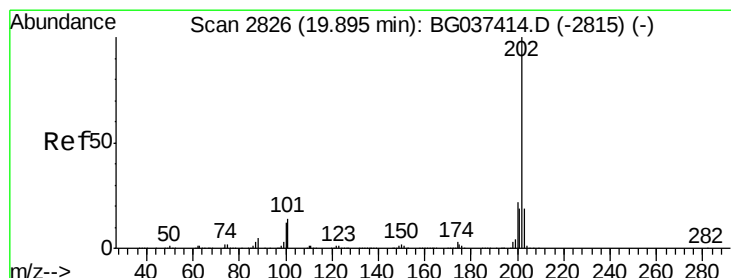
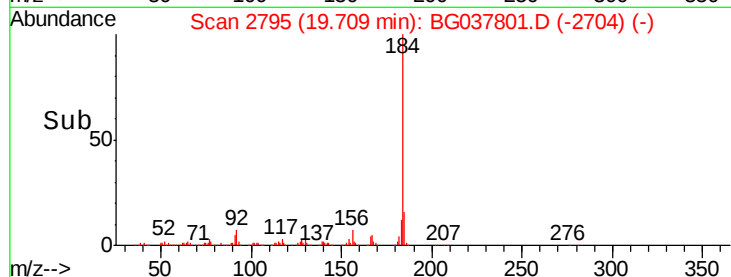
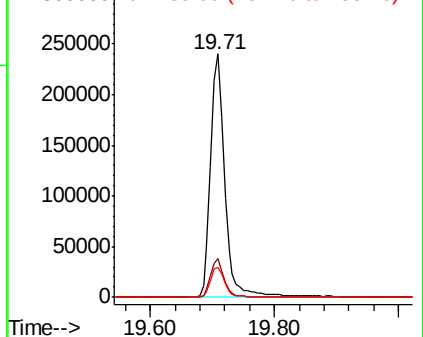
183 12.4 10.2 15.2



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: 43.314 ng

RT: 19.89 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

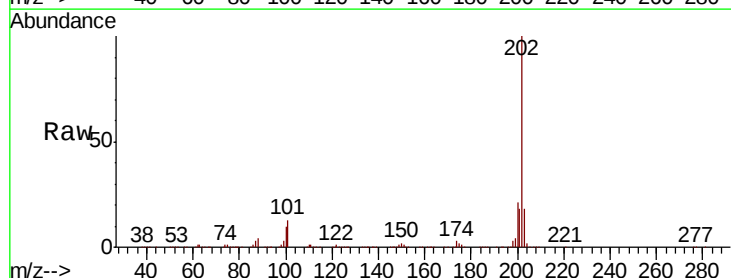
Tgt Ion:202 Resp: 883012

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

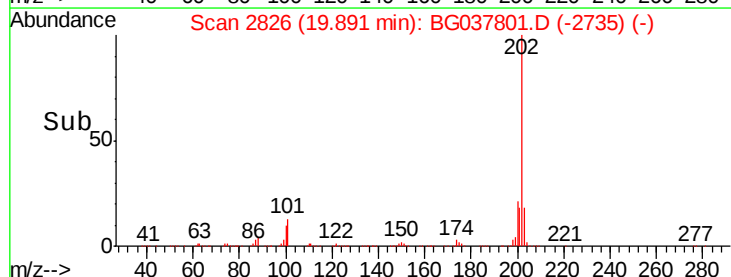
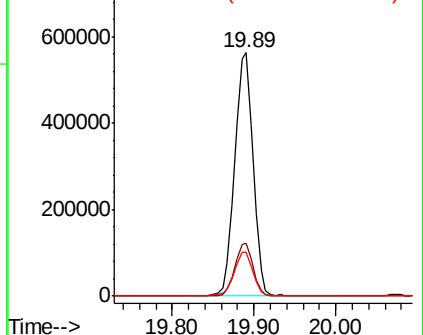
203 18.1 15.2 22.8

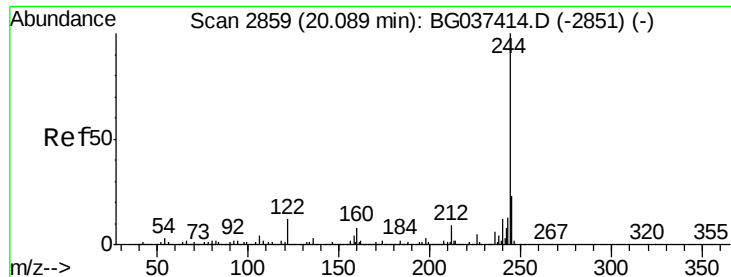


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.785 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

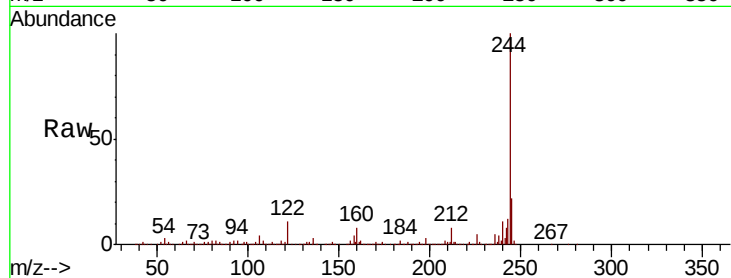
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1135251

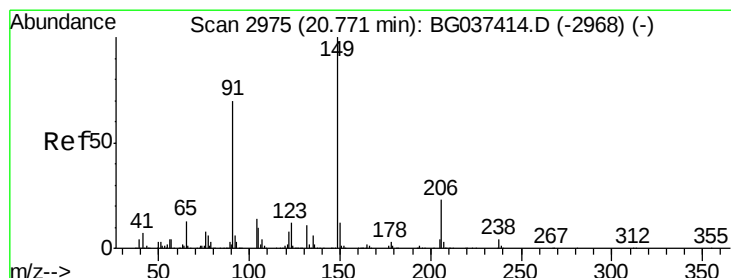
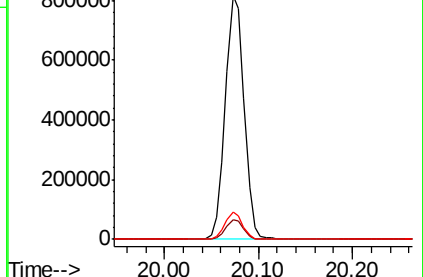
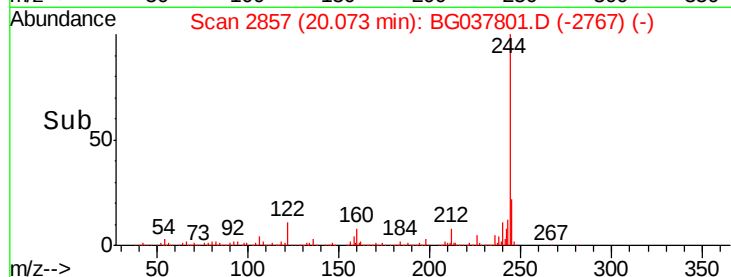
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.1	9.0	13.4



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: 44.413 ng

RT: 20.75 min Scan# 2973

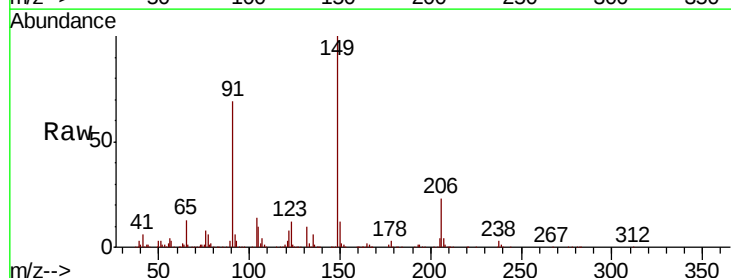
Delta R.T. -0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Tgt Ion:149 Resp: 370553

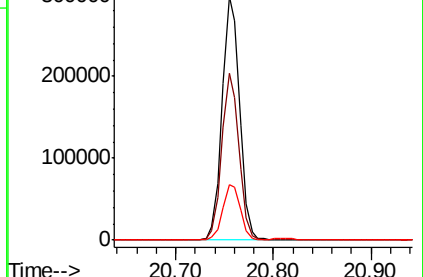
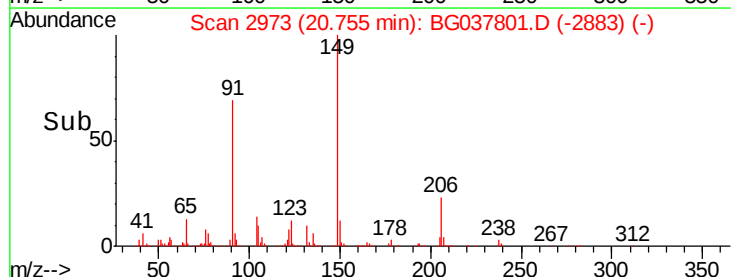
Ion	Ratio	Lower	Upper
149	100		
91	68.8	57.0	85.4
206	22.6	17.8	26.6

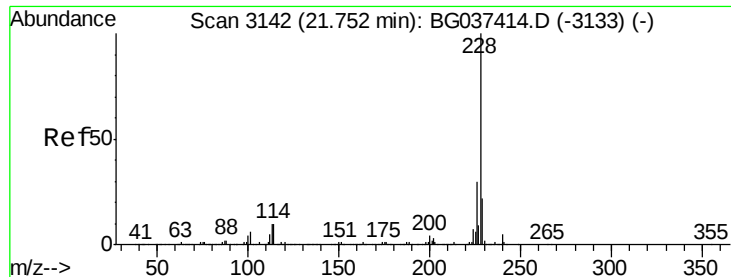


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.779 ng

RT: 21.74 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

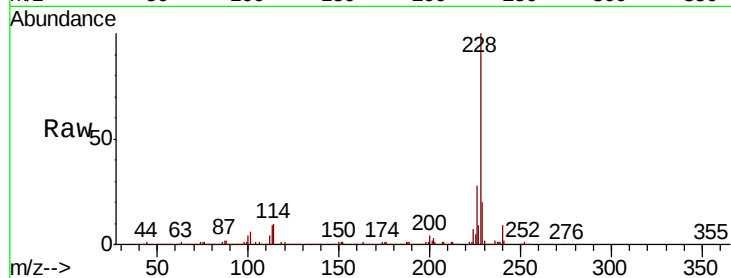
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 826001

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.0	16.3	24.5

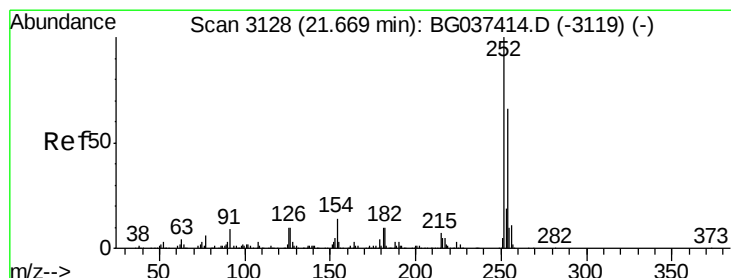
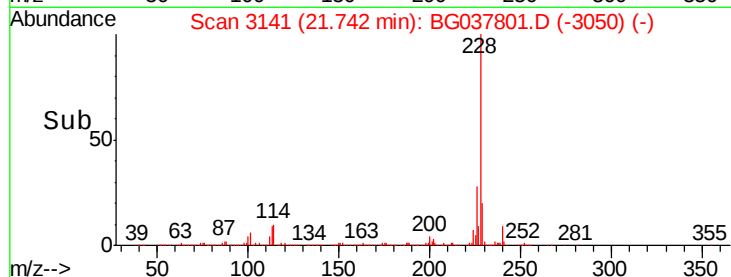
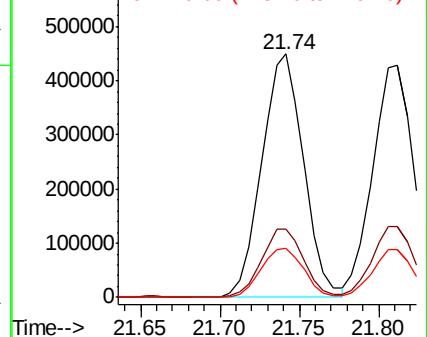


Abundance

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: 32.190 ng

RT: 21.65 min Scan# 3126

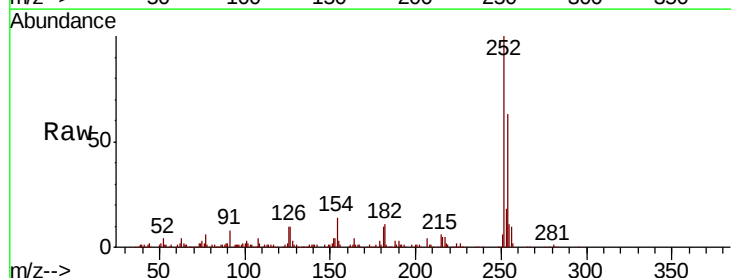
Delta R.T. -0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Tgt Ion:252 Resp: 230155

Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.0	78.0
126	9.7	8.2	12.4

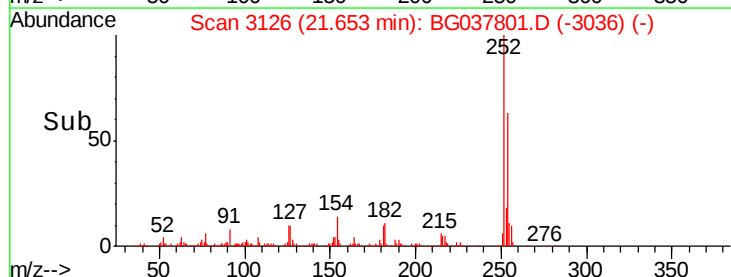
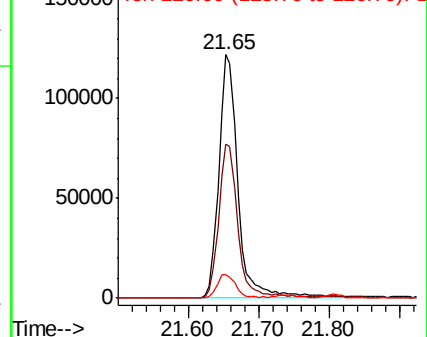


Abundance

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: 43.920 ng

RT: 21.81 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

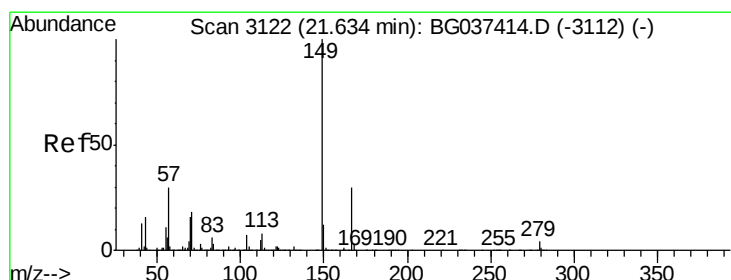
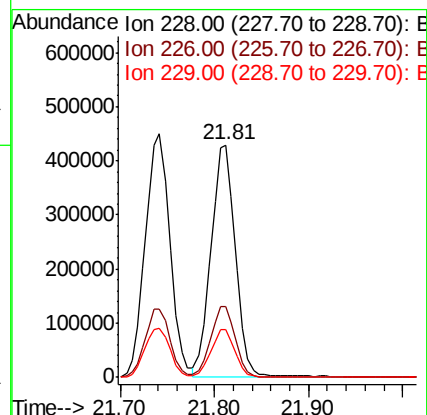
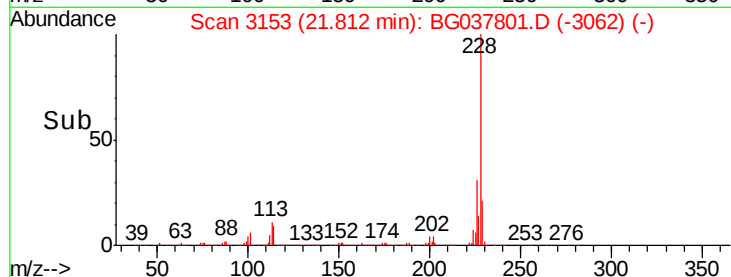
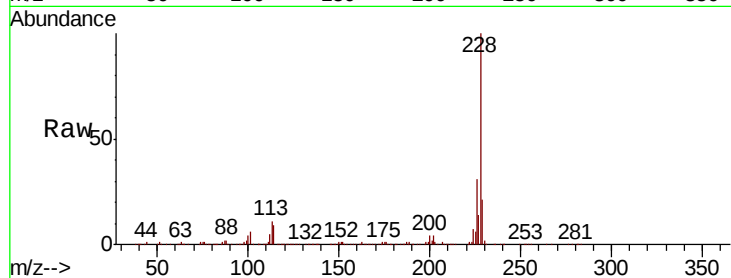
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 779019

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.7	38.5
229	20.6	16.5	24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.509 ng

RT: 21.61 min Scan# 3119

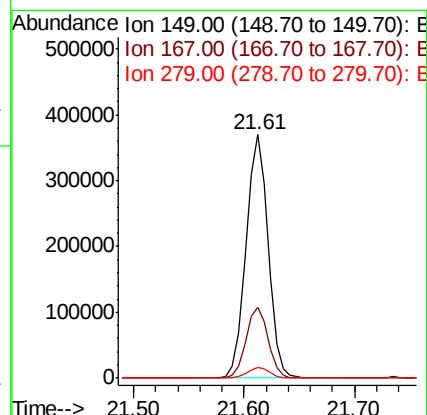
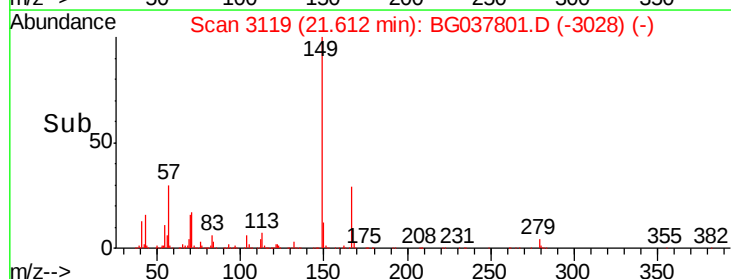
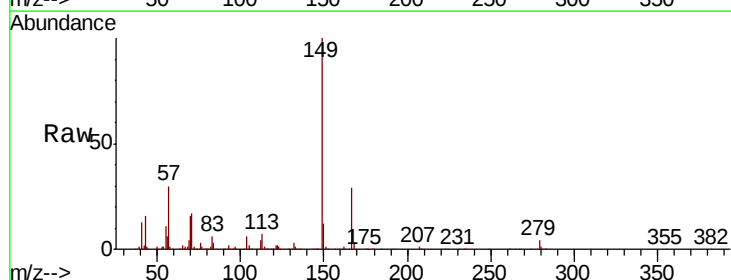
Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Tgt Ion:149 Resp: 520529

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.0	34.4
279	4.4	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 45.745 ng

RT: 22.85 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

BNA_G

ClientSampleId :

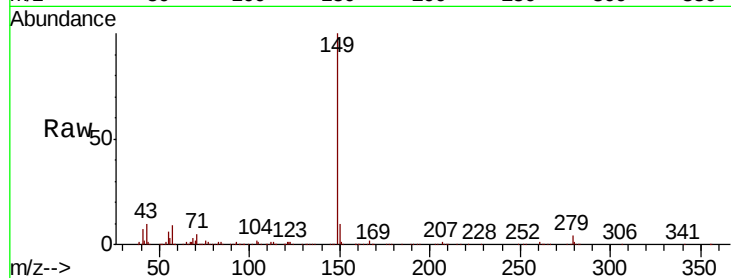
Tot Ion:149 Resp: 872390

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

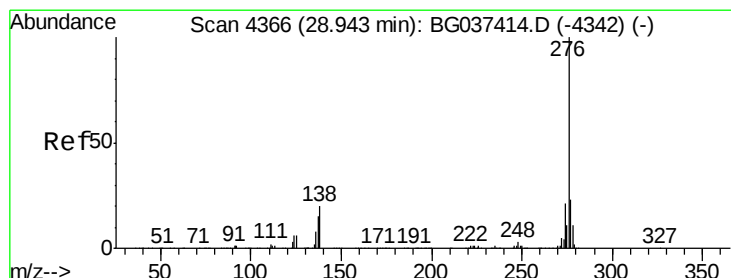
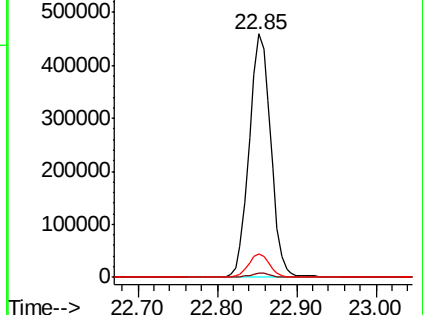
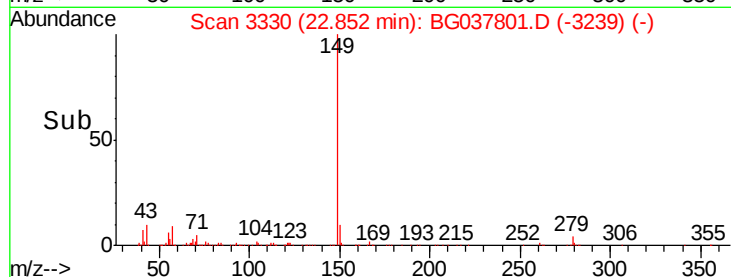
43 9.5 8.7 13.1



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: 37.152 ng

RT: 28.91 min Scan# 4361

Delta R.T. 0.01 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

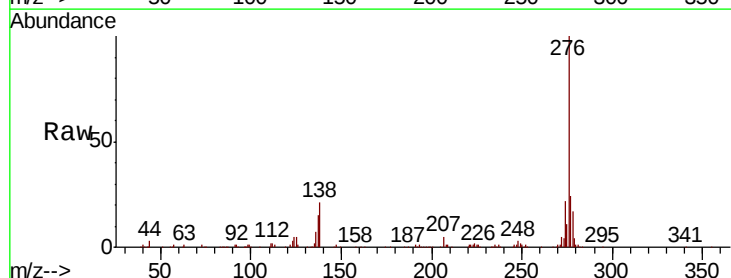
Tgt Ion:276 Resp: 706779

Ion Ratio Lower Upper

276 100

138 10.5 12.0 18.0#

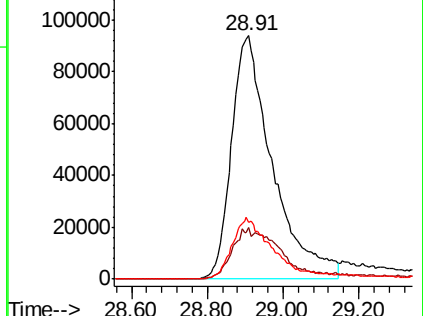
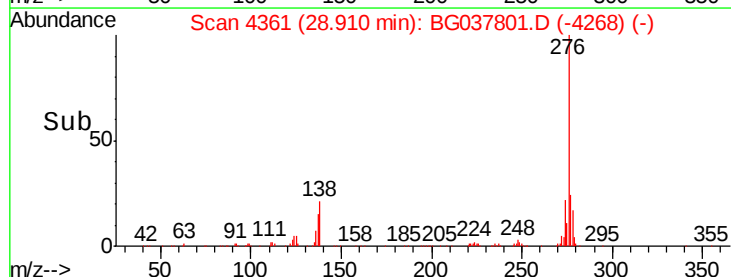
277 23.6 20.6 30.8



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



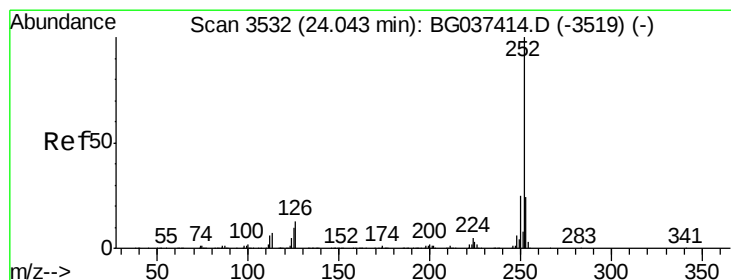
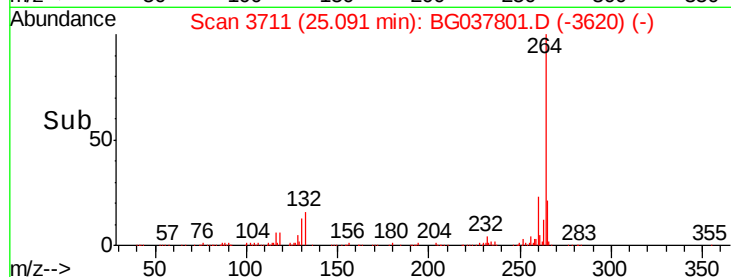
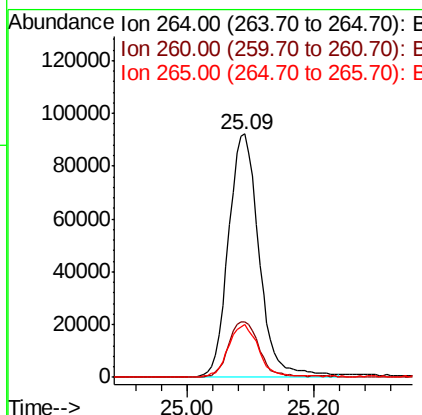
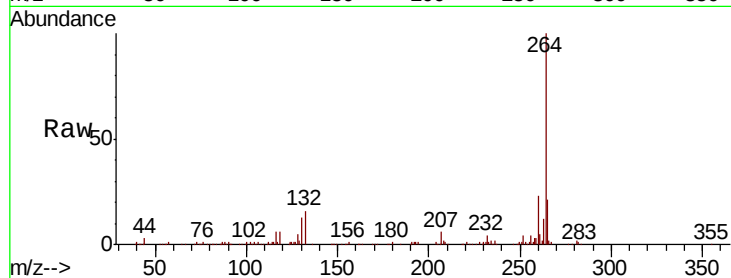


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 310113

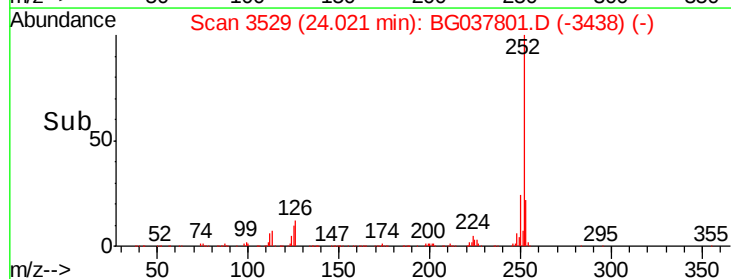
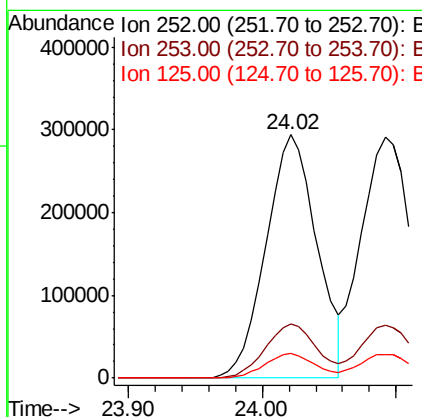
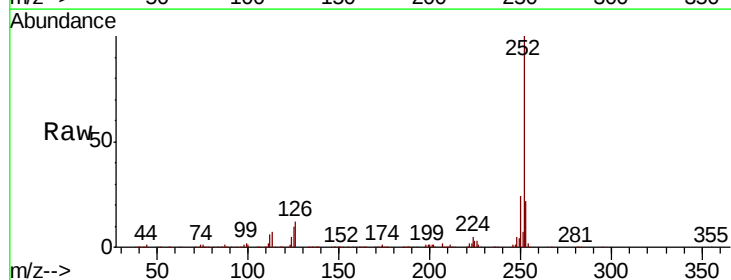
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.5	17.9	26.9

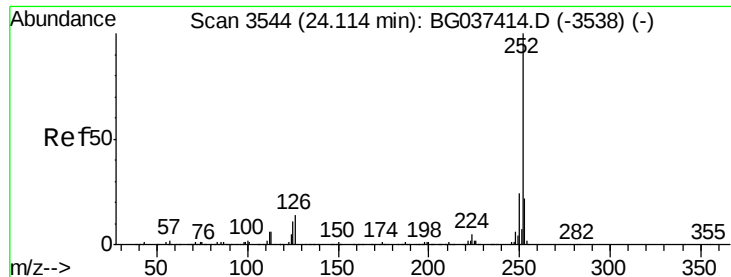


#88
Benzo(b)fluoranthene
Concen: 45.909 ng
RT: 24.02 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion:252 Resp: 780517

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.0	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 46.967 ng

RT: 24.09 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

Instrument :

BNA_G

ClientSampleId :

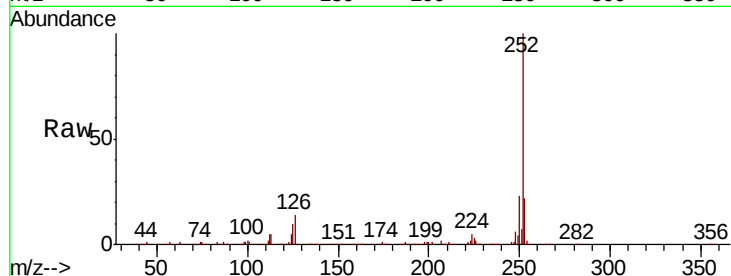
Tot Ion:252 Resp: 782334

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

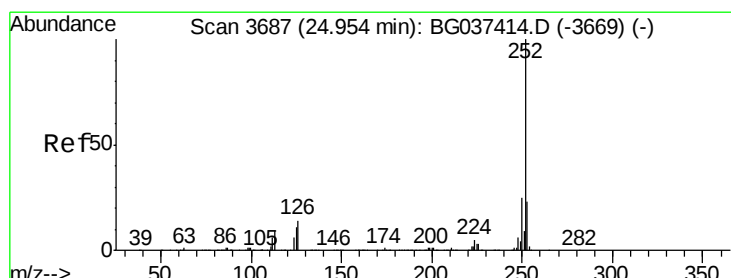
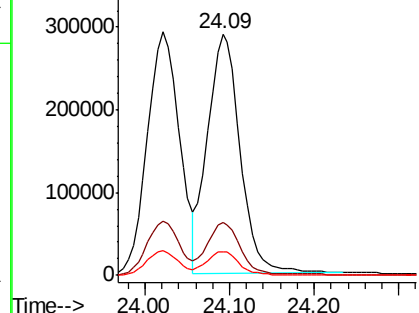
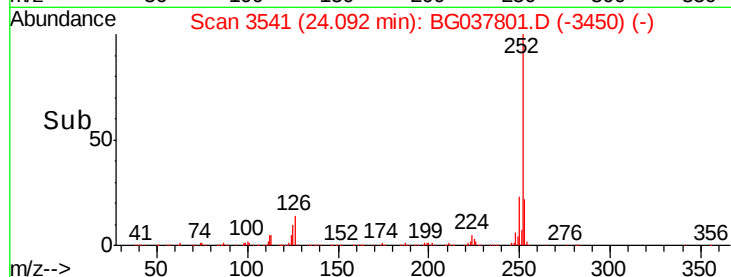
125 9.8 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.928 ng

RT: 24.93 min Scan# 3684

Delta R.T. 0.00 min

Lab File: BG037801.D

Acq: 5 Nov 2018 13:53

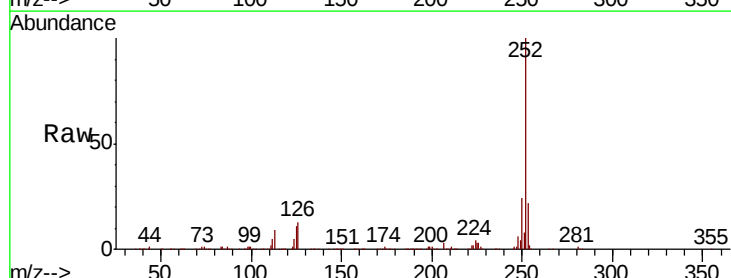
Tgt Ion:252 Resp: 758142

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

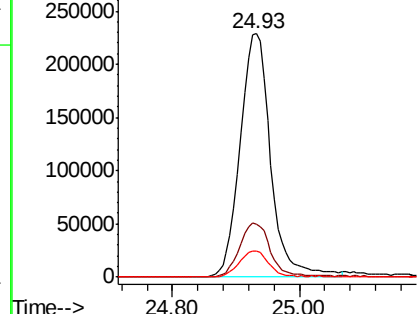
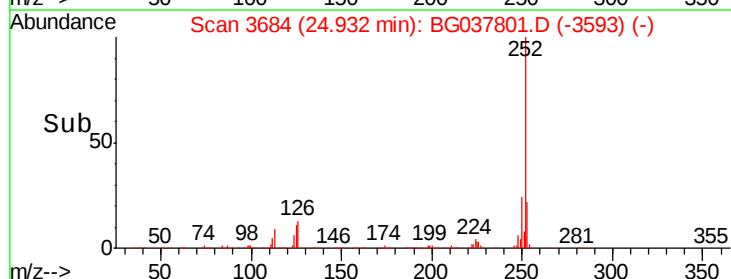
125 10.8 9.0 13.6

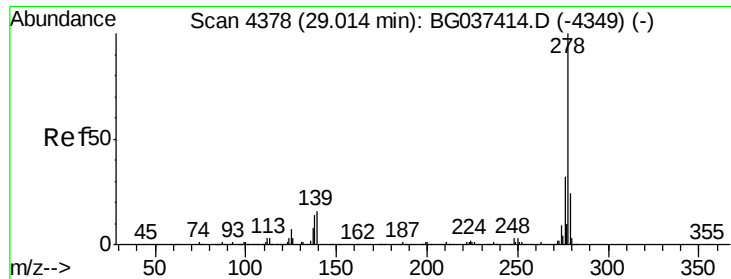


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

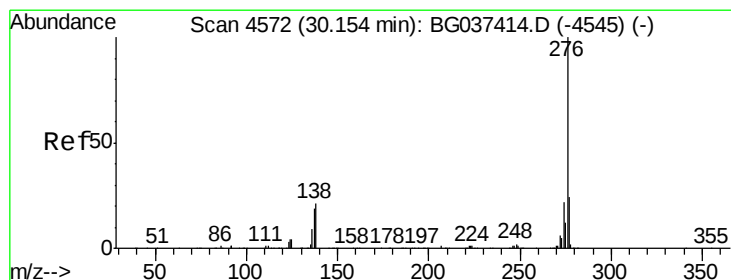
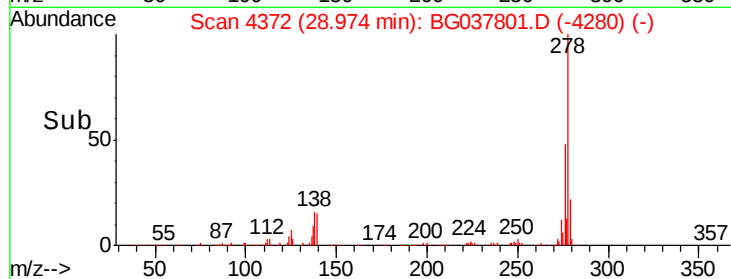
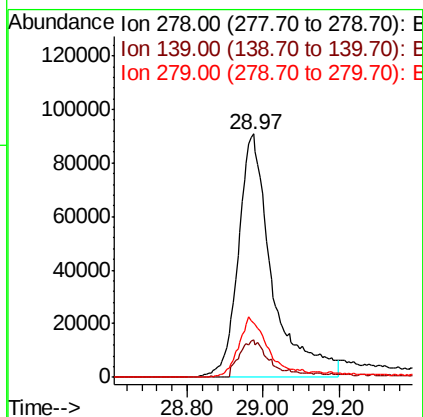
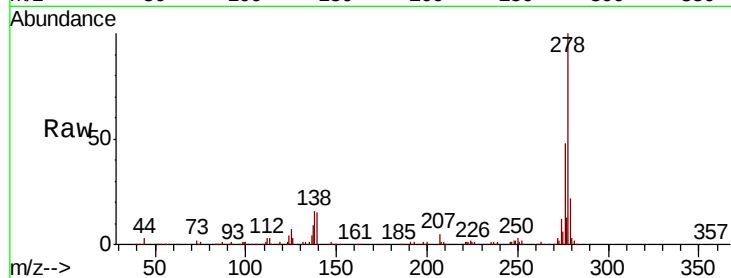




#91
Dibenzo(a,h)anthracene
Concen: 37.934 ng
RT: 28.97 min Scan# 4372
Delta R.T. 0.01 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.5	17.3
279	22.3	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 38.630 ng
RT: 30.11 min Scan# 4565
Delta R.T. 0.01 min
Lab File: BG037801.D
Acq: 5 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.9	28.3
138	20.8	17.2	25.8

