

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034116.D
 Acq On : 2 May 2018 15:01
 Operator : SJ/JU
 Sample : J1161-08
 Misc : L00 20PPM
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 02 15:56:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	70162	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	277398	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	208118	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	561830	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	621184	20.00	ng	-0.01
86) Perylene-d12	25.04	264	624362	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	549989	126.65	ng	0.00
7) Phenol-d6	7.22	99	815582	120.63	ng	0.00
23) Nitrobenzene-d5	9.24	82	612309	84.69	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	368517	127.88	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1234789	86.45	ng	-0.01
78) Terphenyl-d14	20.08	244	2297017	81.01	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	40791	22.368	ng	# 78
3) Pyridine	3.95	79	119701	20.920	ng	# 88
4) n-Nitrosodimethylamine	3.86	42	63761	20.437	ng	# 81
6) Aniline	7.39	93	174031	18.925	ng	# 89
8) 2-Chlorophenol	7.63	128	80720	18.628	ng	# 89
9) Benzaldehyde	7.21	77	73658	16.007	ng	# 91
10) Phenol	7.25	94	125560	18.413	ng	# 62
11) bis(2-Chloroethyl)ether	7.49	93	104648	19.494	ng	# 83
12) 1,3-Dichlorobenzene	7.96	146	103054	18.798	ng	# 80
13) 1,4-Dichlorobenzene	8.10	146	105127	19.308	ng	# 88
14) 1,2-Dichlorobenzene	8.43	146	105029	20.308	ng	# 95
15) Benzyl Alcohol	8.30	79	131560	18.242	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.61	45	135530	18.349	ng	# 90
17) 2-Methylphenol	8.50	107	87572	19.517	ng	# 77
18) Hexachloroethane	9.16	117	41878	18.080	ng	# 94
19) n-Nitroso-di-n-propylamine	8.87	70	114584	18.873	ng	# 88
20) 3+4-Methylphenols	8.83	107	125249	18.848	ng	# 77
22) Acetophenone	8.89	105	185470	19.628	ng	# 97
24) Nitrobenzene	9.28	77	155980	19.710	ng	# 91
25) Isophorone	9.80	82	275587	18.685	ng	# 96
26) 2-Nitrophenol	9.99	139	44962	20.523	ng	# 71
27) 2,4-Dimethylphenol	10.04	122	79706	18.767	ng	# 85
28) bis(2-Chloroethoxy)methane	10.29	93	138884	19.171	ng	# 95
29) 2,4-Dichlorophenol	10.53	162	98055	19.314	ng	# 92
30) 1,2,4-Trichlorobenzene	10.74	180	122126	19.978	ng	# 97
31) Naphthalene	10.94	128	290984	19.957	ng	# 98
32) Benzoic acid	10.13	122	64008	19.945	ng	# 78
33) 4-Chloroaniline	11.04	127	126770	19.281	ng	# 81
34) Hexachlorobutadiene	11.23	225	107187	20.716	ng	# 95
35) Caprolactam	11.79	113	36569	20.280	ng	# 83
36) 4-Chloro-3-methylphenol	12.15	107	125322	19.038	ng	# 88
37) 2-Methylnaphthalene	12.55	142	231689	19.597	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	162158	20.136	ng	# 97
40) Hexachlorocyclopentadiene	12.89	237	96303	20.181	ng	# 92

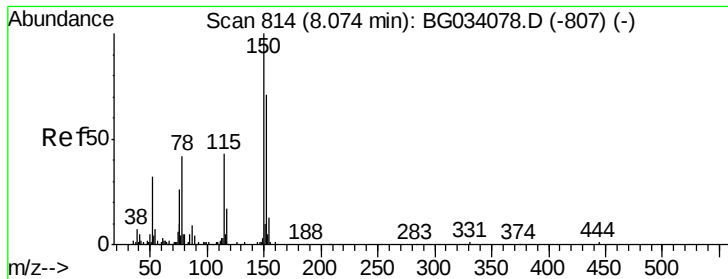
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	94087	20.108	nq	97
43) 2,4,5-Trichlorophenol	13.21	196	109929	21.252	nq #	94
45) 1,1'-Biphenyl	13.55	154	322345	19.827	nq	97
46) 2-Chloronaphthalene	13.59	162	250337	20.338	nq	97
47) 2-Nitroaniline	13.79	65	101472	20.620	nq	87
48) Acenaphthylene	14.44	152	384100	19.545	nq	99
49) Dimethylphthalate	14.17	163	349295	19.355	nq #	98
50) 2,6-Dinitrotoluene	14.28	165	70643	20.382	nq #	76
51) Acenaphthene	14.78	154	266261	19.935	nq	93
52) 3-Nitroaniline	14.61	138	72396	20.723	nq #	86
53) 2,4-Dinitrophenol	14.81	184	28455	20.986	nq #	61
54) Dibenzofuran	15.11	168	377234	19.482	nq #	86
55) 4-Nitrophenol	14.90	139	54145	20.306	nq #	56
56) 2,4-Dinitrotoluene	15.07	165	98890	21.012	nq #	85
57) Fluorene	15.77	166	332657	19.711	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.33	232	100807	18.838	nq	94
59) Diethylphthalate	15.54	149	365773	19.153	nq	95
60) 4-Chlorophenyl-phenylether	15.76	204	200542	19.974	nq	95
61) 4-Nitroaniline	15.77	138	76927	20.759	nq #	60
62) Azobenzene	16.05	77	399170	19.349	nq	95
64) 4,6-Dinitro-2-methylphenol	15.83	198	53304	20.179	nq	98
65) n-Nitrosodiphenylamine	15.97	169	294751	19.240	nq	96
66) 4-Bromophenyl-phenylether	16.65	248	132791	19.037	nq #	86
67) Hexachlorobenzene	16.77	284	137801	19.461	nq	93
68) Atrazine	16.92	200	94384	11.703	nq	90
69) Pentachlorophenol	17.11	266	90971	18.433	nq	92
70) Phenanthrene	17.51	178	569796	19.737	nq	99
71) Anthracene	17.60	178	574549	19.637	nq	99
72) Carbazole	17.86	167	543425	20.289	nq	97
73) Di-n-butylphthalate	18.44	149	636565	19.745	nq #	96
74) Fluoranthene	19.52	202	741842	20.335	nq	95
76) Benzidine	19.70	184	249020	15.563	nq	96
77) Pyrene	19.88	202	774137	19.891	nq	97
79) Butylbenzylphthalate	20.78	149	287421	18.918	nq	89
80) Benzo(a)anthracene	21.74	228	799421	20.081	nq	98
81) 3,3'-Dichlorobenzidine	21.65	252	301217	20.008	nq	98
82) Chrysene	21.81	228	757667	19.884	nq	98
83) Bis(2-ethylhexyl)phthalate	21.67	149	407384	19.483	nq	92
84) Di-n-octyl phthalate	22.92	149	632989	18.953	nq	98
85) Indeno(1,2,3-cd)pyrene	28.80	276	824925	19.672	nq #	80
87) Benzo(b)fluoranthene	24.00	252	772392	19.584	nq #	95
88) Benzo(k)fluoranthene	24.08	252	757071	20.084	nq #	96
89) Benzo(a)pyrene	24.89	252	721985	19.566	nq #	96
90) Dibenzo(a,h)anthracene	28.87	278	682135	19.611	nq #	95
91) Benzo(g,h,i)perylene	29.96	276	656203	19.140	nq #	92

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

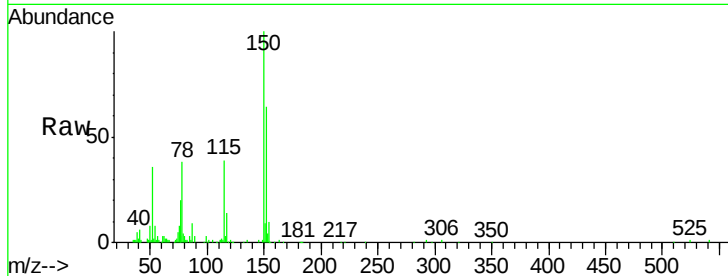


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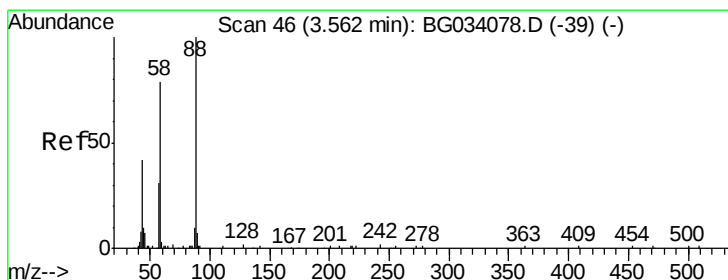
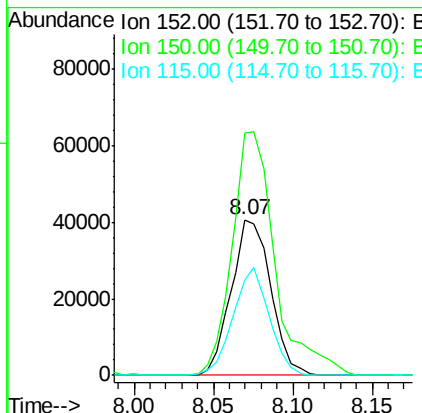
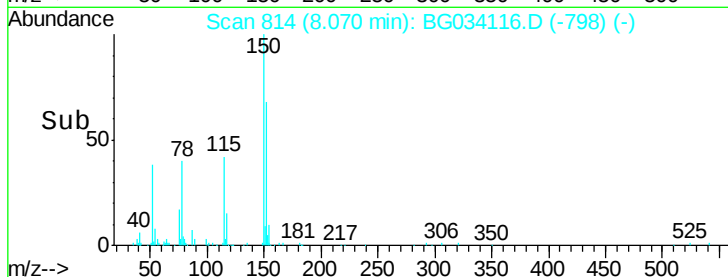
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 70162
Ion Ratio Lower Upper
152 100
150 155.6 126.6 189.8
115 60.9 53.0 79.4



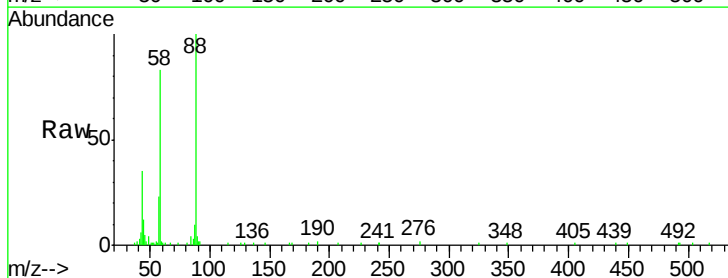
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



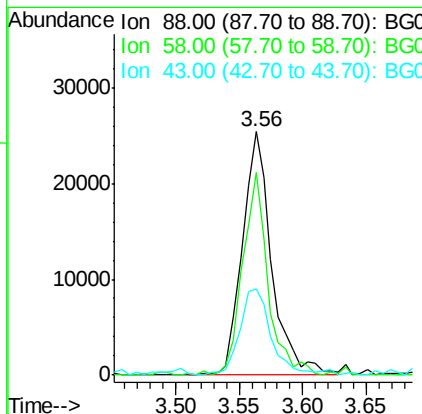
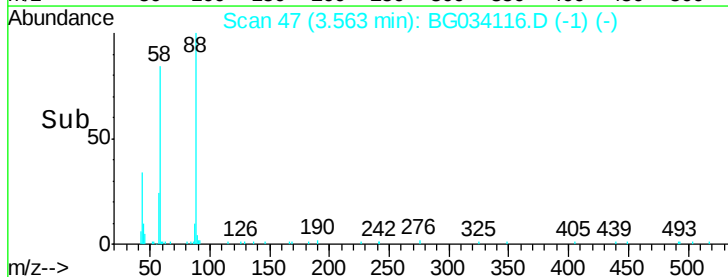
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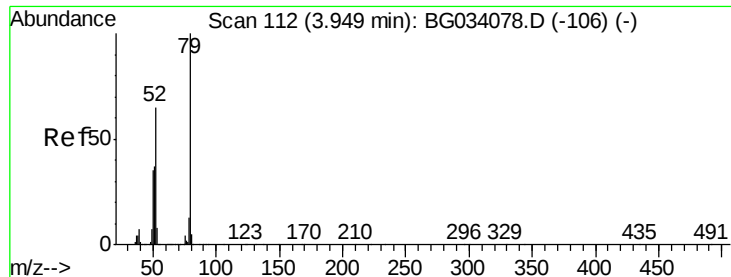
1,4-Dioxane
Concen: 22.368 ng
RT: 3.56 min Scan# 47
Delta R.T. 0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt Ion: 88 Resp: 40791
Ion Ratio Lower Upper
88 100
58 72.1 79.6 119.4#
43 38.5 27.4 41.0



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





#3

Pvridine

Concen: 20.920 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

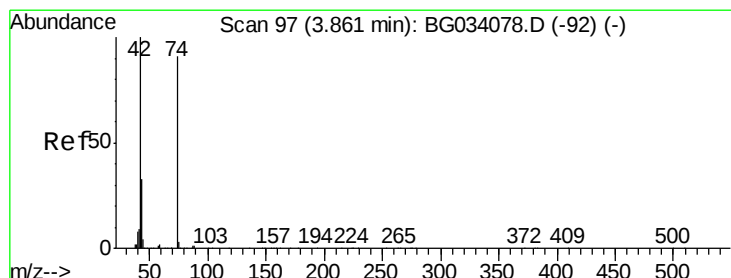
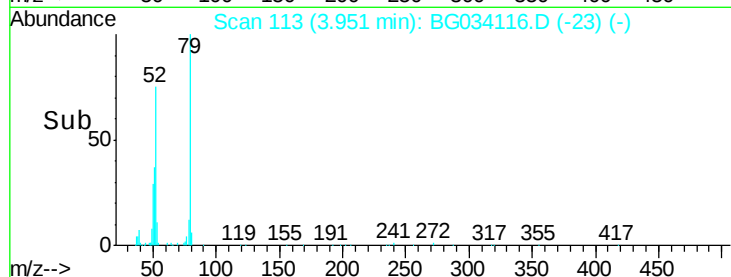
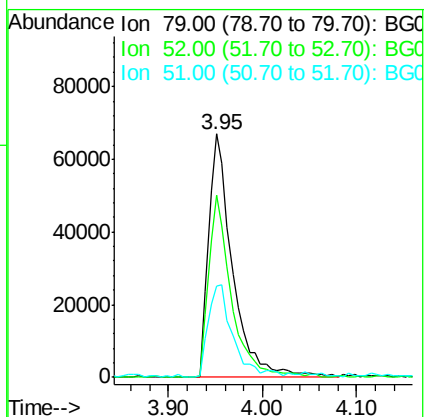
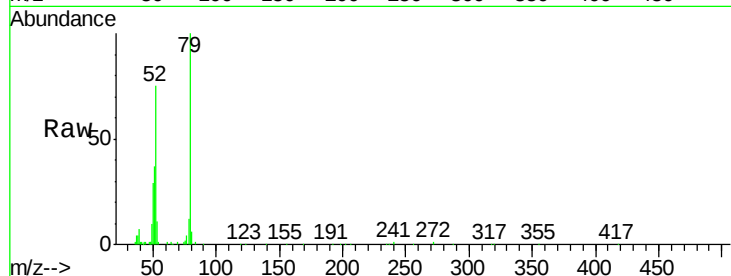
Tot Ion: 79 Resp: 119701

Ion Ratio Lower Upper

79 100

52 74.6 69.9 104.9

51 37.3 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 20.437 ng

RT: 3.86 min Scan# 98

Delta R.T. 0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

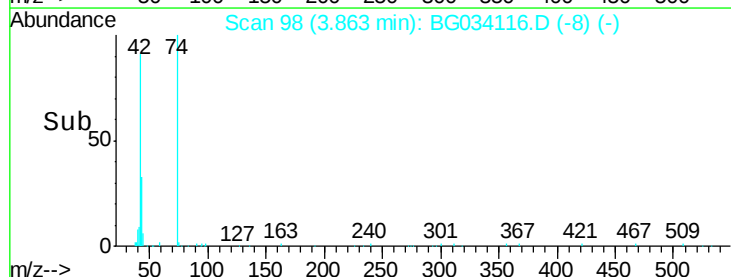
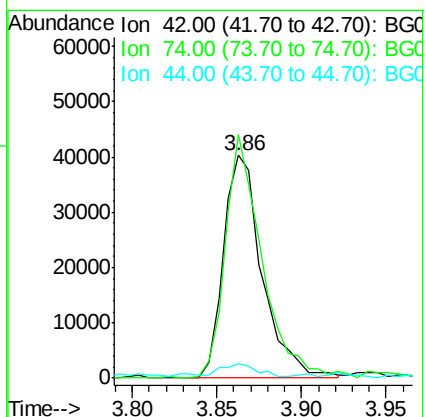
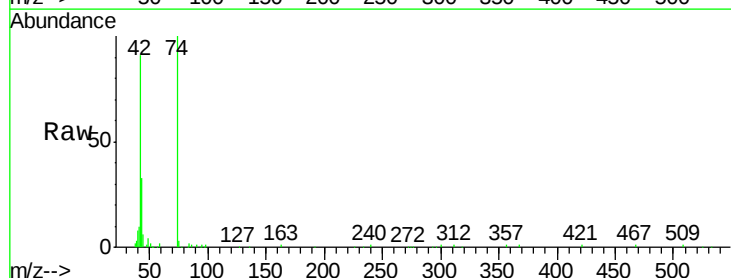
Tgt Ion: 42 Resp: 63761

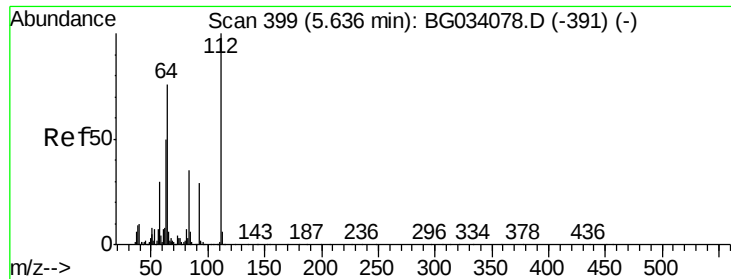
Ion Ratio Lower Upper

42 100

74 109.4 102.5 153.7

44 6.4 18.9 28.3





#5

2-Fluorophenol

Concen: 126.647 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

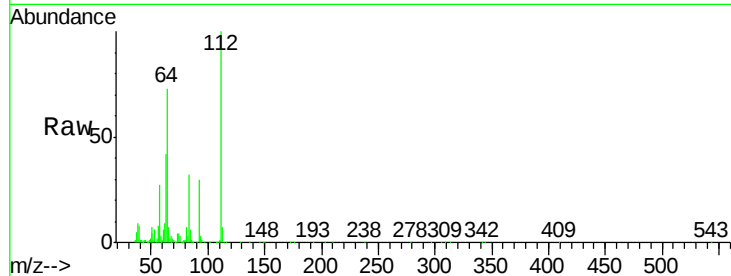
Tot Ion:112 Resp: 549989

Ion Ratio Lower Upper

112 100

64 73.4 56.3 84.5

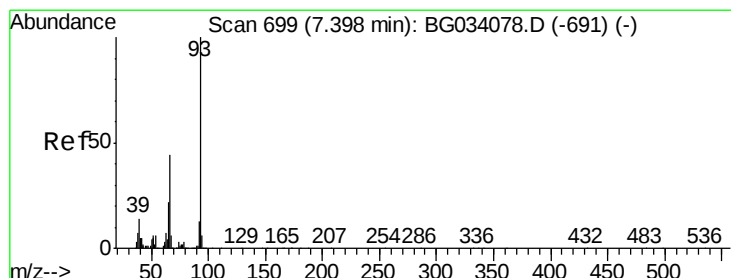
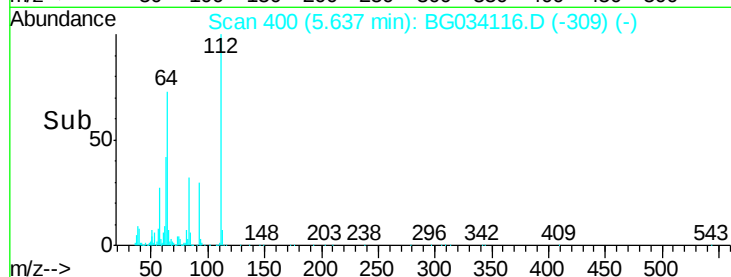
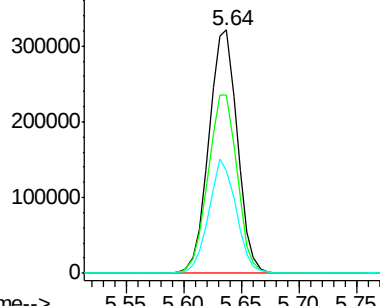
63 42.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.925 ng

RT: 7.39 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

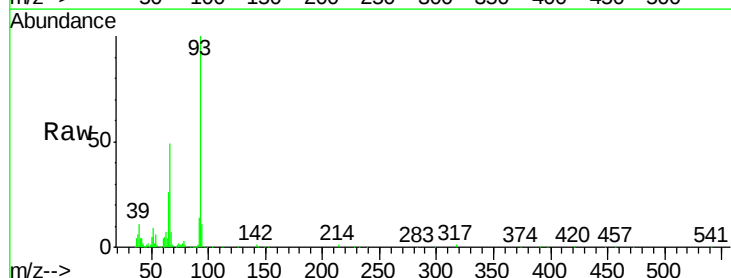
Tgt Ion: 93 Resp: 174031

Ion Ratio Lower Upper

93 100

66 49.0 33.7 50.5

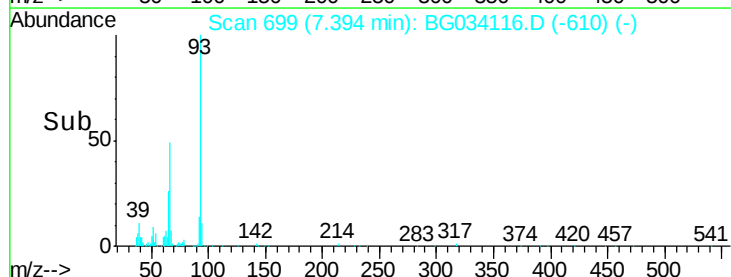
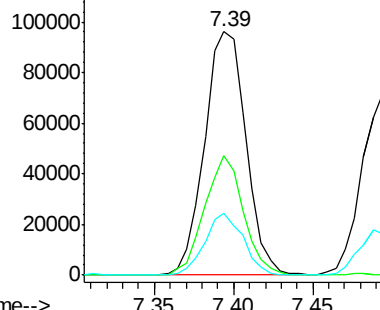
65 25.5 16.1 24.1#

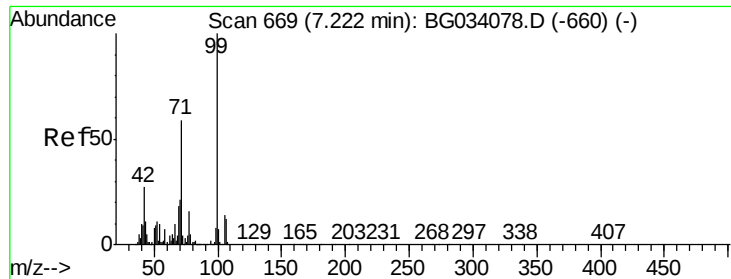


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.635 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

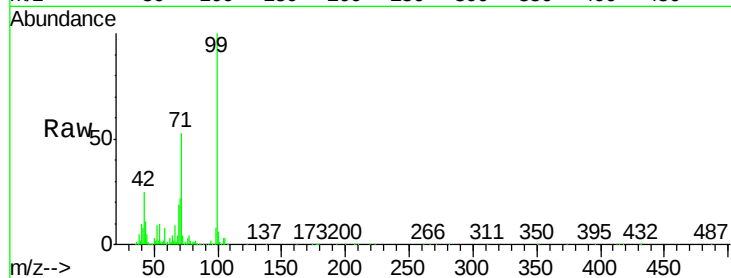
Tot Ion: 99 Resp: 815582

Ion Ratio Lower Upper

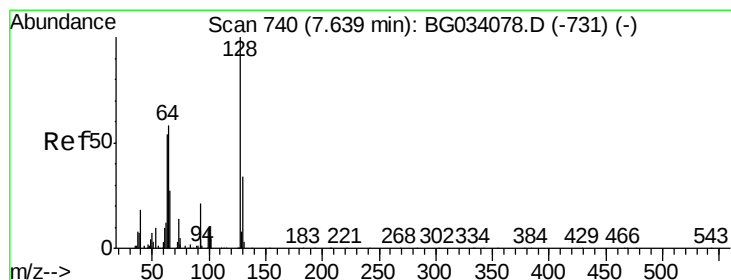
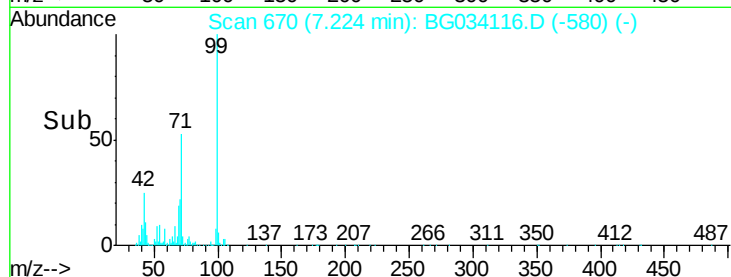
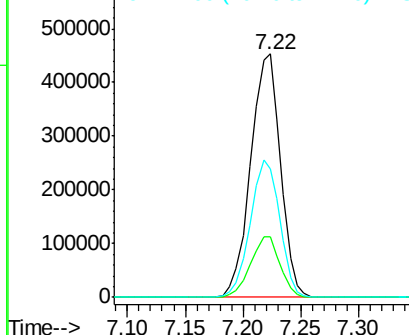
99 100

42 24.7 14.1 21.1#

71 52.9 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 18.628 ng

RT: 7.63 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

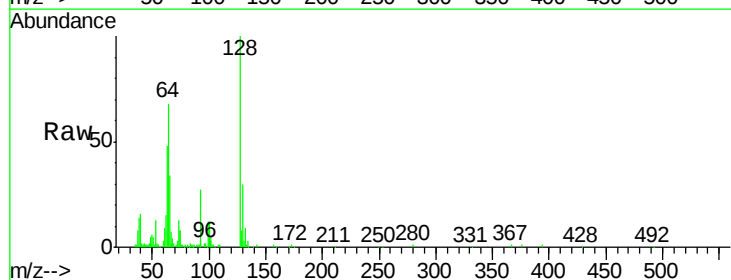
Tgt Ion: 128 Resp: 80720

Ion Ratio Lower Upper

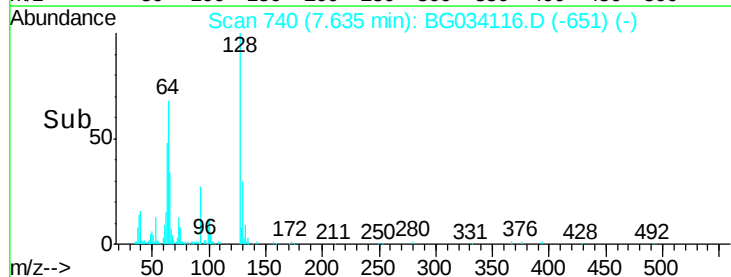
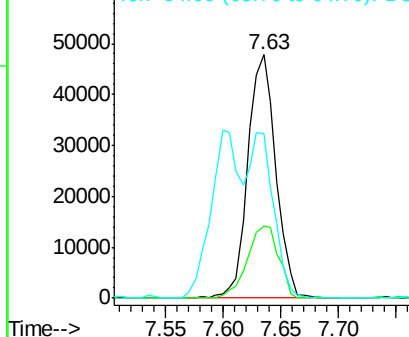
128 100

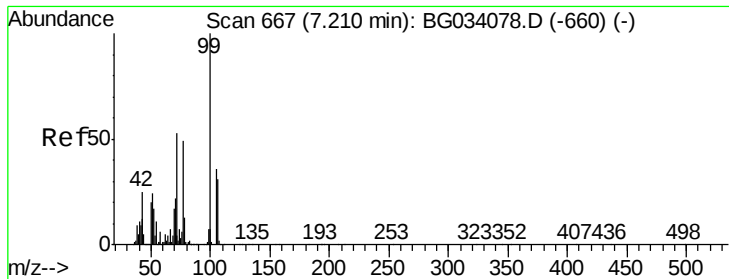
130 29.7 14.0 54.0

64 67.7 37.7 77.7



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





#9

Benzaldehyde

Concen: 16.007 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampled :

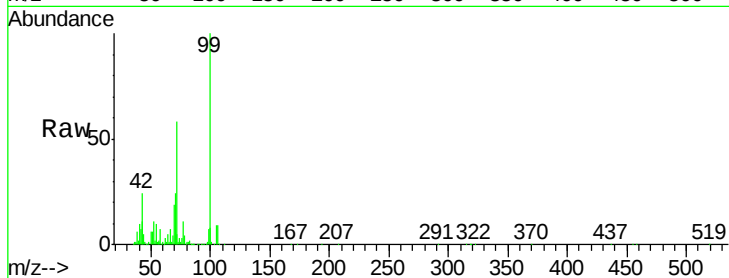
Tot Ion: 77 Resp: 73658

Ion Ratio Lower Upper

77 100

105 81.0 71.3 111.3

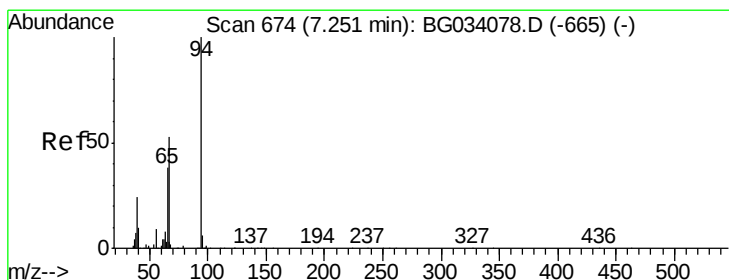
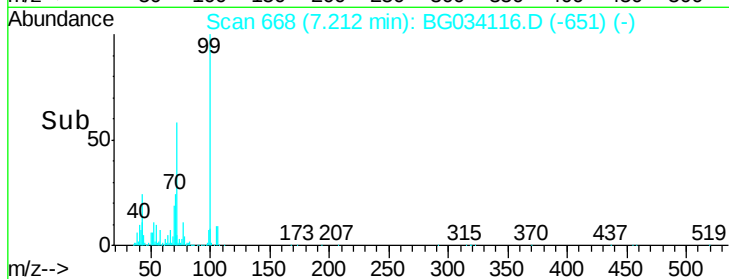
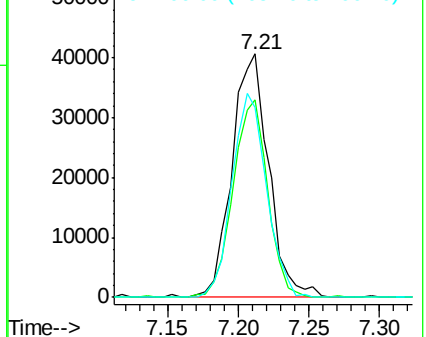
106 77.8 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 18.413 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

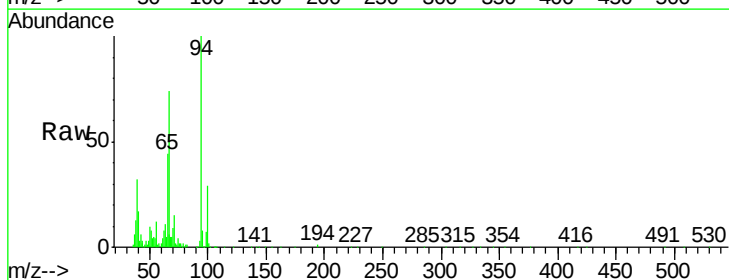
Tgt Ion: 94 Resp: 125560

Ion Ratio Lower Upper

94 100

65 44.0 11.9 51.9

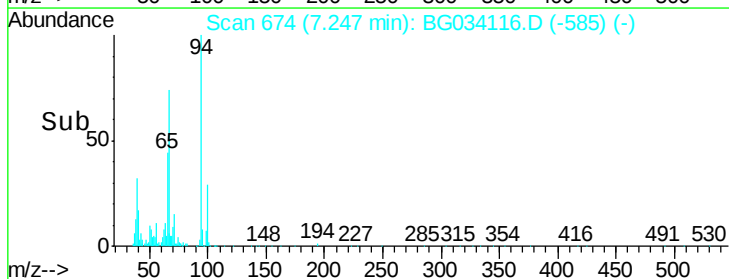
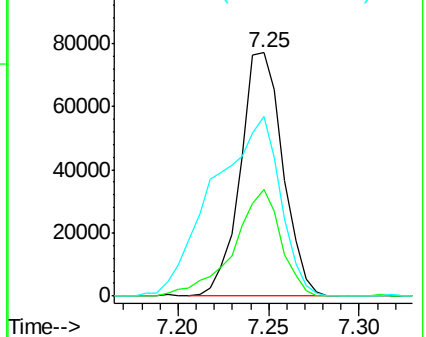
66 73.6 22.2 62.2#

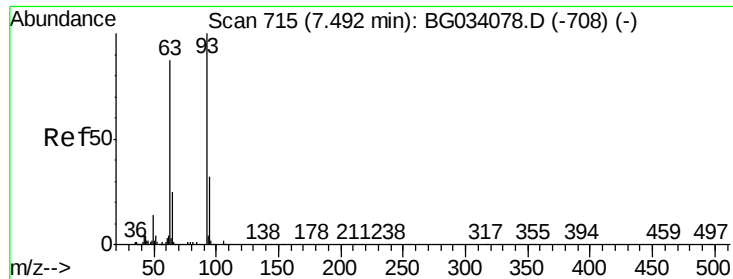


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

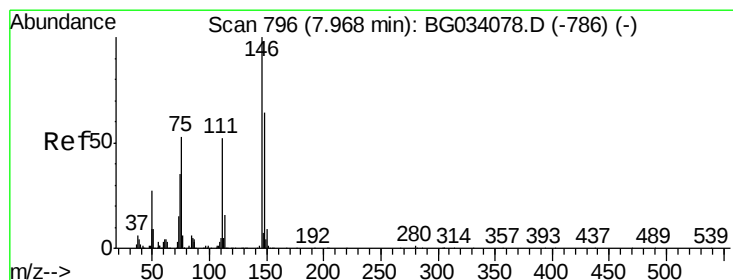
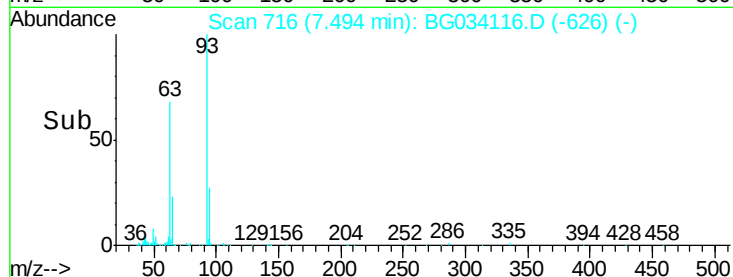
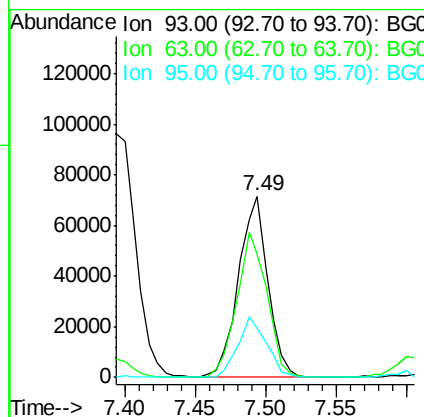
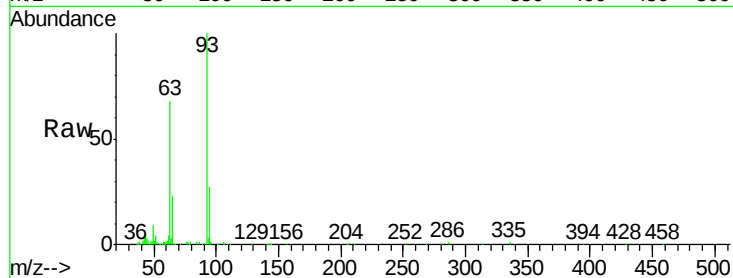




#11
bis(2-Chloroethyl)ether
Concen: 19.494 ng
RT: 7.49 min Scan# 716
Delta R.T. 0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

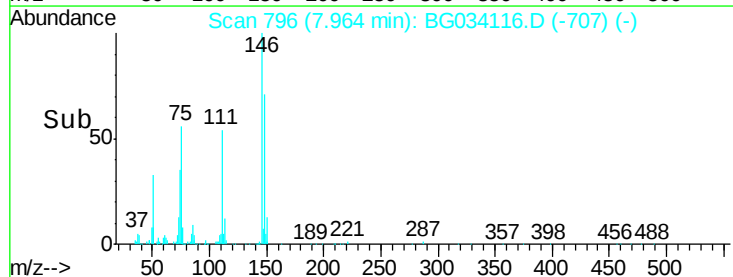
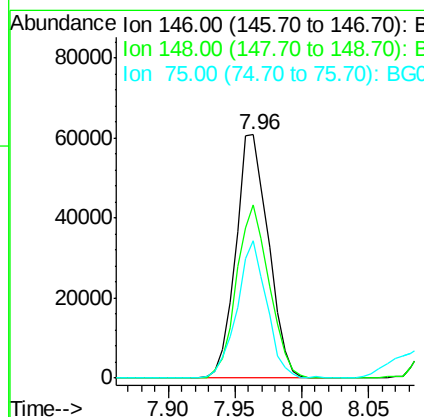
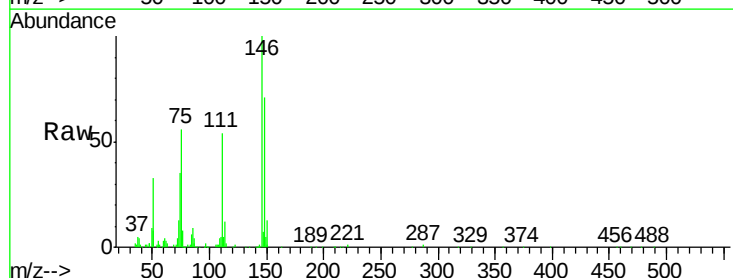
Instrument :
BNA_G
ClientSampleId :

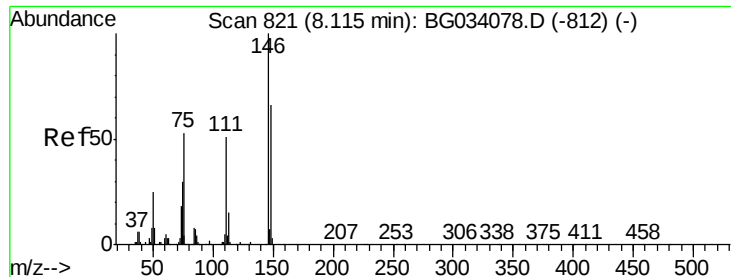
Tot Ion: 93 Resp: 104648
Ion Ratio Lower Upper
93 100
63 67.8 67.1 107.1
95 27.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 18.798 ng
RT: 7.96 min Scan# 796
Delta R.T. -0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt Ion: 146 Resp: 103054
Ion Ratio Lower Upper
146 100
148 70.9 51.4 77.2
75 56.4 26.6 39.8#

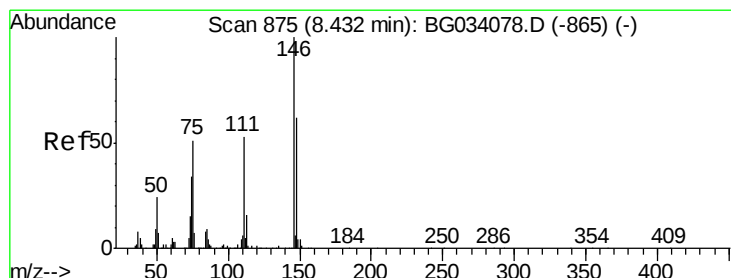
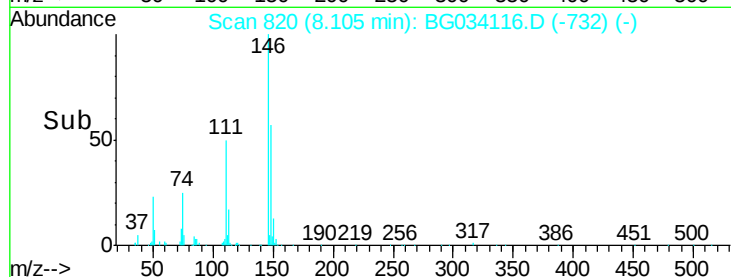
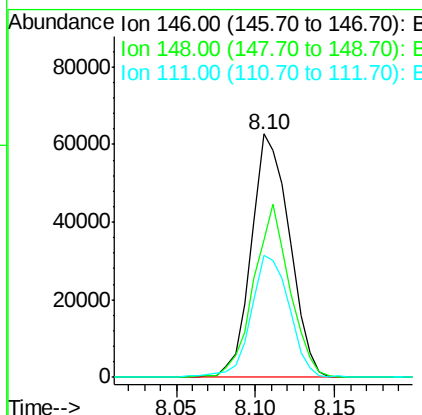
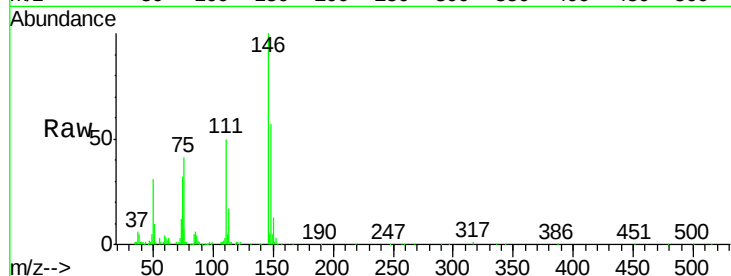




#13
 1,4-Dichlorobenzene
 Concen: 19.308 ng
 RT: 8.10 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

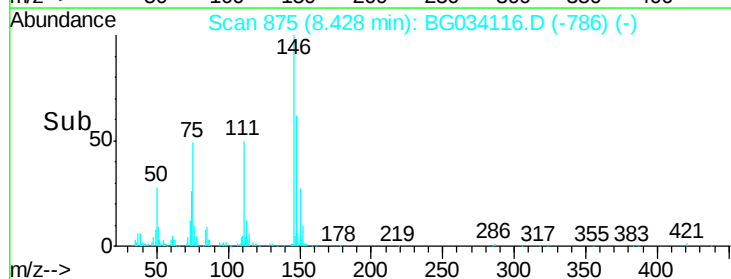
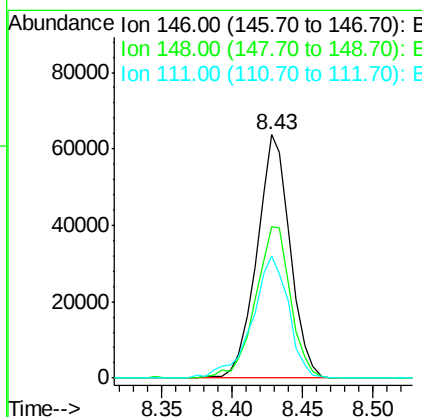
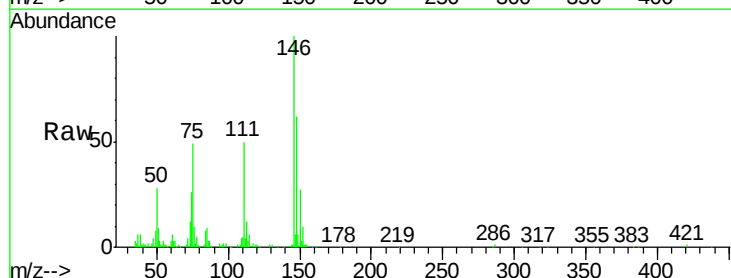
Instrument :
 BNA_G
 ClientSampled :

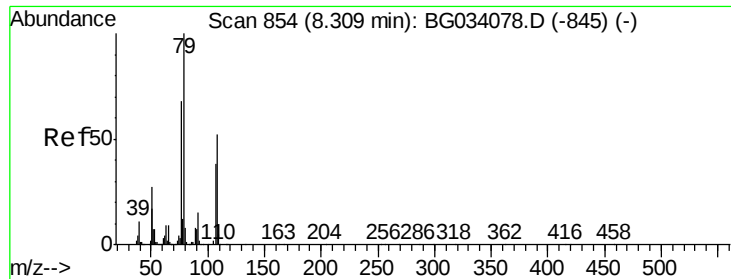
Tot Ion	Ratio	Lower	Upper
146	100		
148	56.5	53.7	80.5
111	50.0	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 20.308 ng
 RT: 8.43 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	49.3	73.9
111	50.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 18.242 ng

RT: 8.30 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

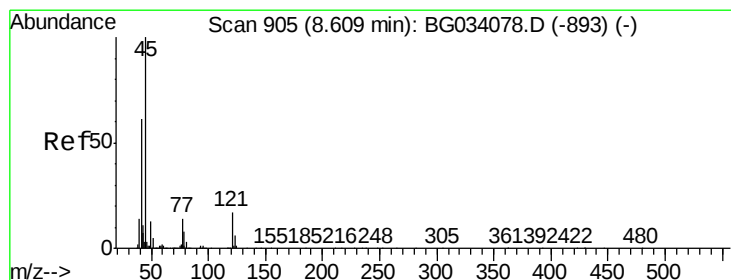
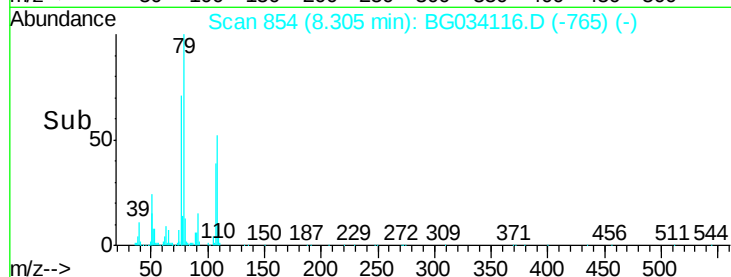
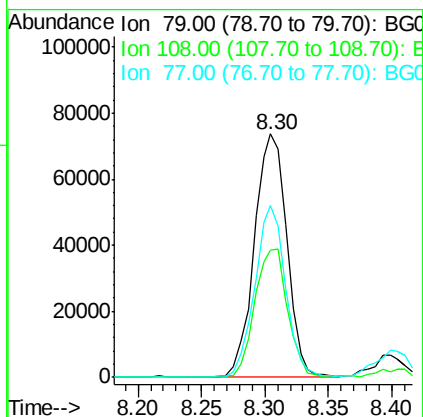
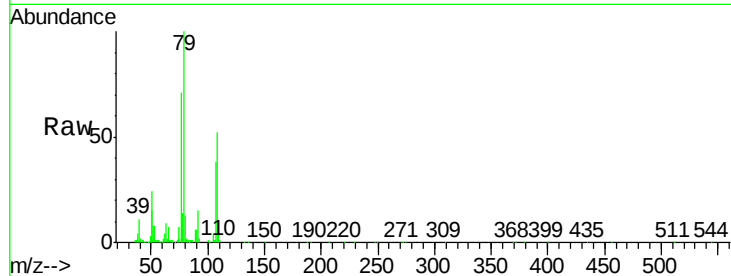
Tot Ion: 79 Resp: 131560

Ion Ratio Lower Upper

79 100

108 52.2 57.2 85.8#

77 70.8 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 18.349 ng

RT: 8.61 min Scan# 906

Delta R.T. 0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

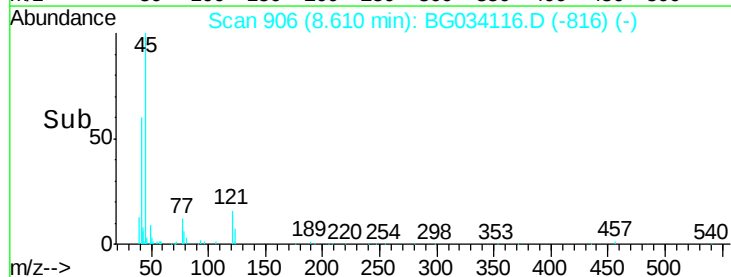
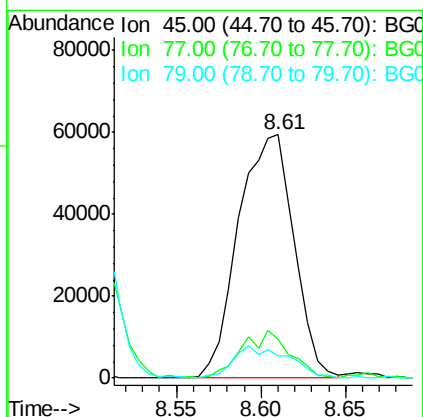
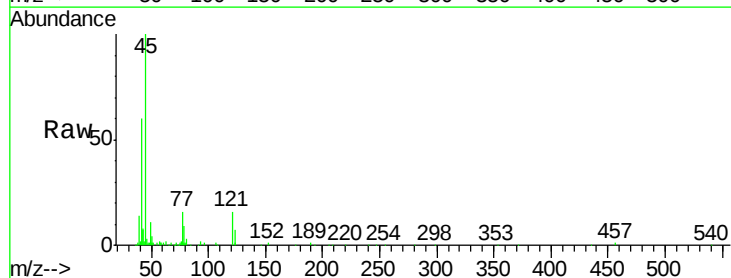
Tgt Ion: 45 Resp: 135530

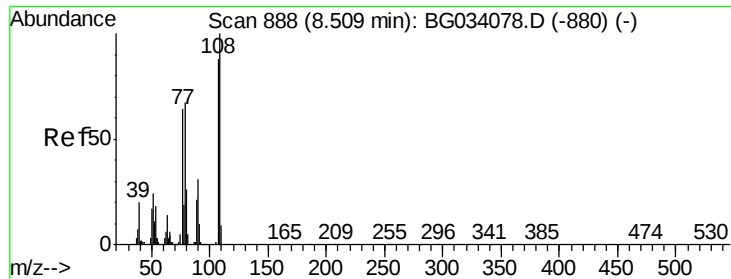
Ion Ratio Lower Upper

45 100

77 16.0 0.0 30.2

79 9.0 0.0 27.9

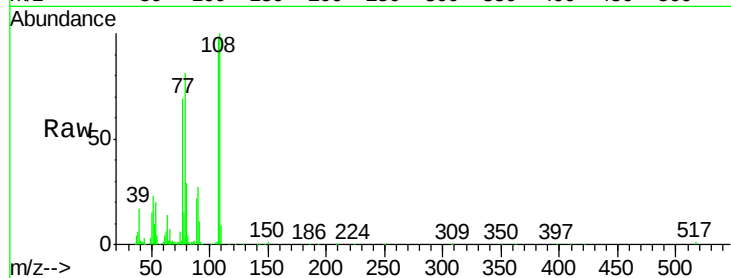




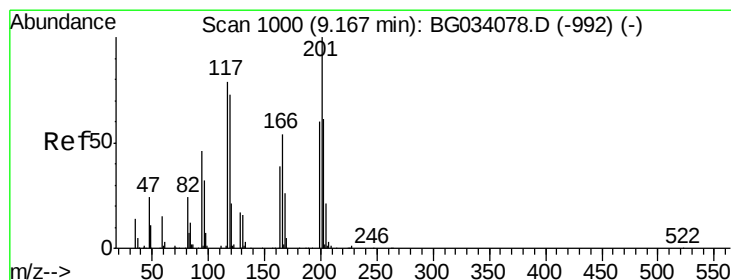
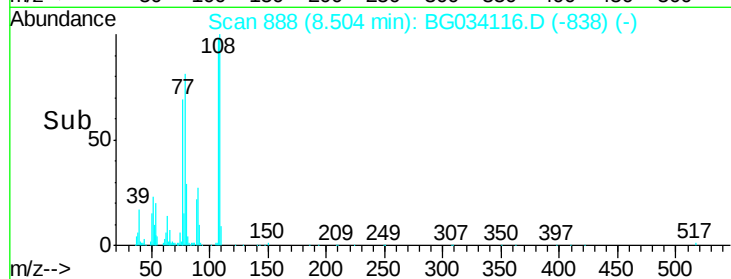
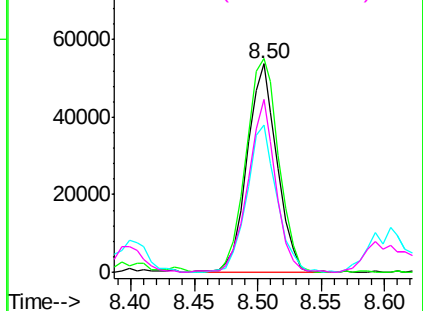
#17
2-Methylphenol
Concen: 19.517 ng
RT: 8.50 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 87572
Ion Ratio Lower Upper
107 100
108 102.5 83.9 125.9
77 70.9 37.2 55.8#
79 82.8 36.2 54.2#

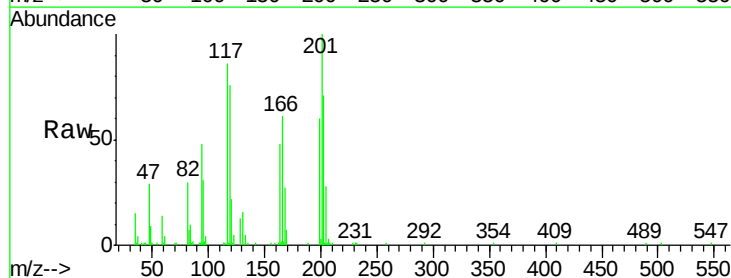


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

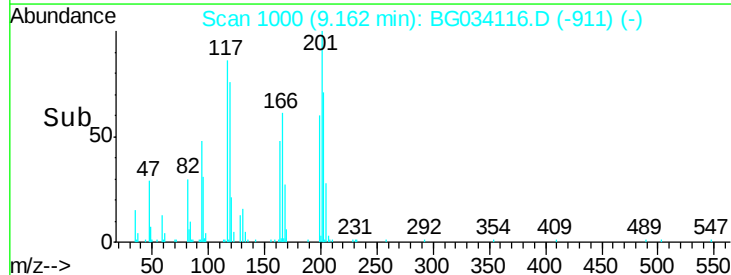
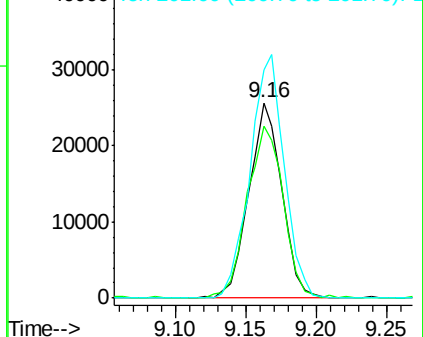


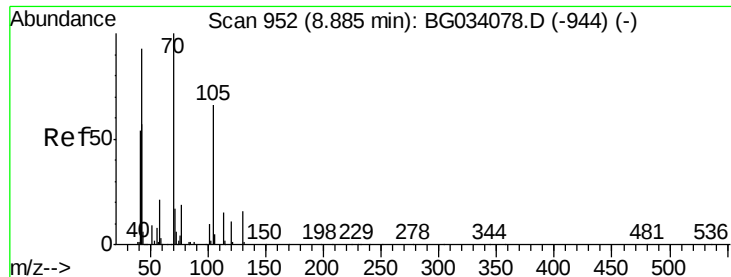
#18
Hexachloroethane
Concen: 18.080 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt Ion:117 Resp: 41878
Ion Ratio Lower Upper
117 100
119 87.1 76.7 115.1
201 115.3 95.7 143.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

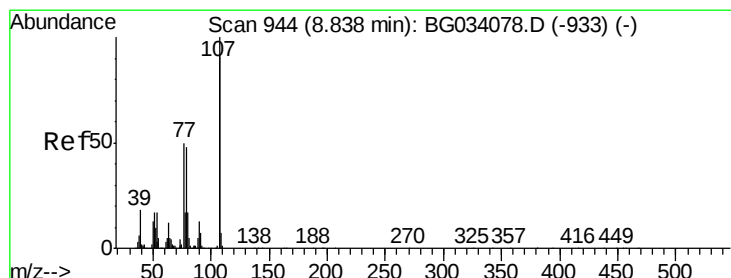
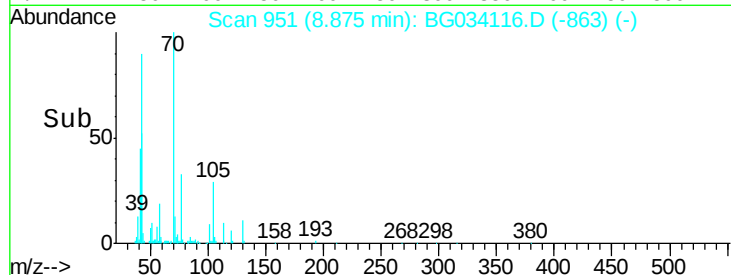
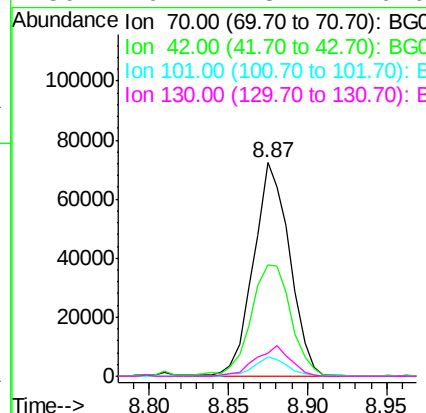
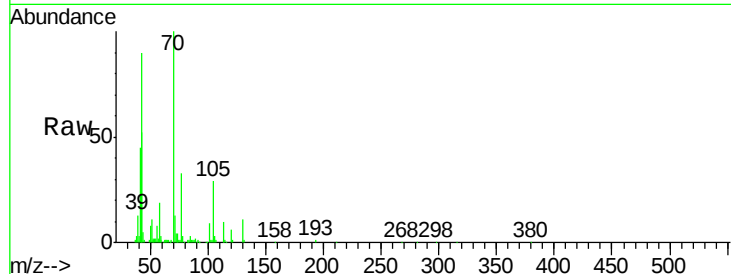




#19
n-Nitroso-di-n-propylamine
Concen: 18.873 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

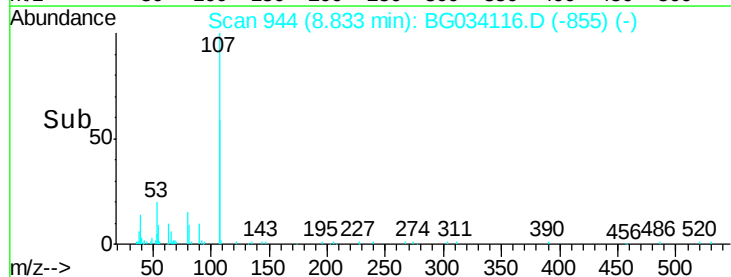
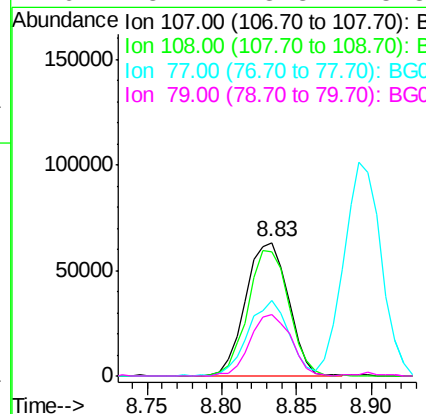
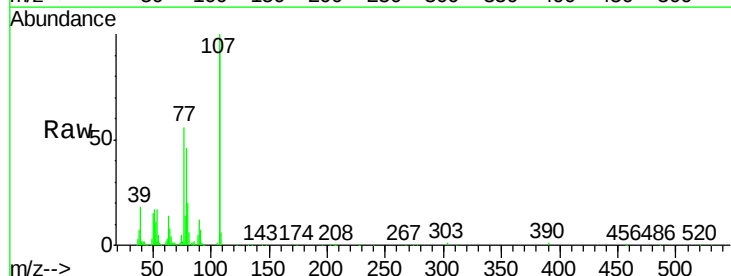
Instrument :
BNA_G
ClientSampleId :

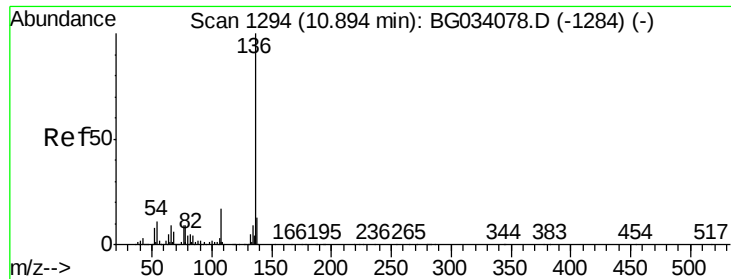
Tot Ion: 70 Resp: 114584
Ion Ratio Lower Upper
70 100
42 52.2 49.1 73.7
101 8.7 8.5 12.7
130 10.7 13.4 20.0#



#20
3+4-Methylphenols
Concen: 18.848 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt Ion: 107 Resp: 125249
Ion Ratio Lower Upper
107 100
108 93.1 61.6 101.6
77 56.1 13.9 53.9#
79 45.7 8.8 48.8

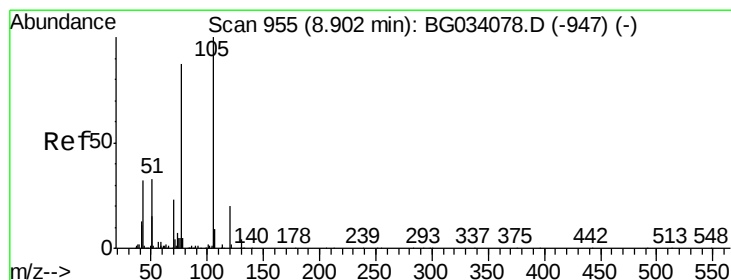
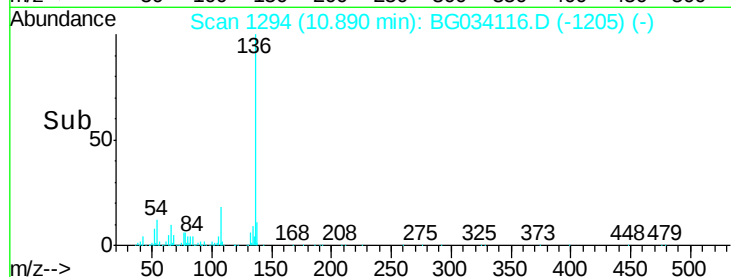
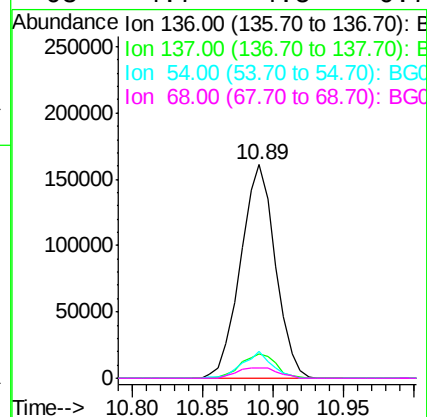
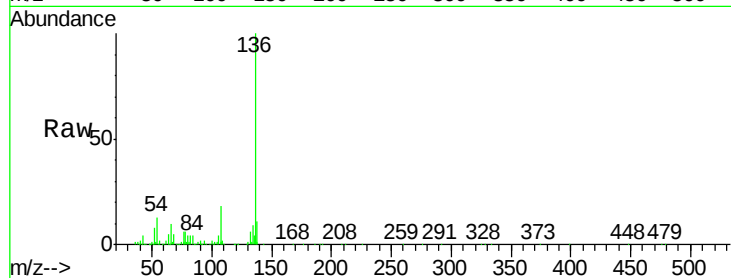




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

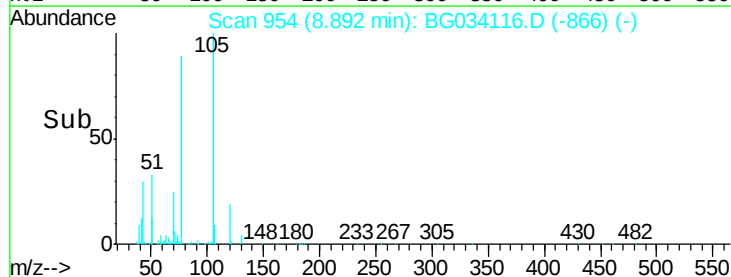
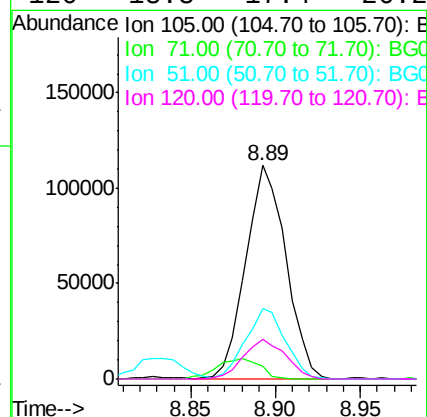
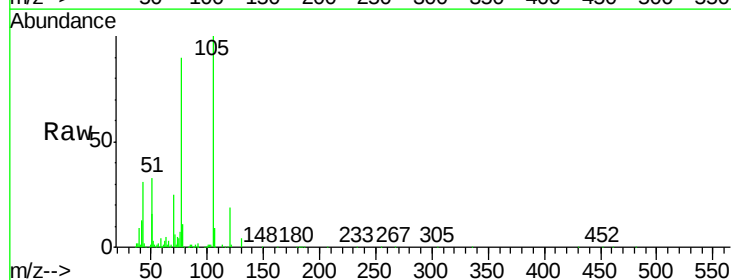
Instrument :
BNA_G
ClientSampleId :

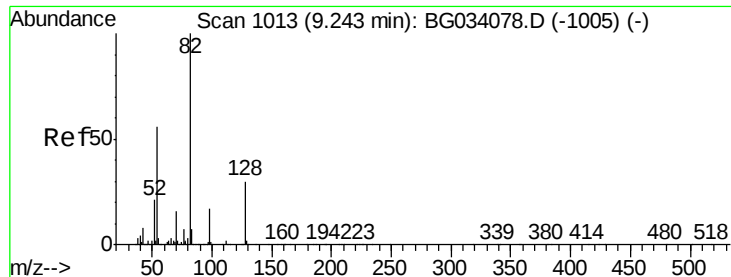
Tot Ion:136	Resp:	277398	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.2	13.8	
54 12.6	10.3	15.5	
68 4.7	4.5	6.7	



#22
Acetophenone
Concen: 19.628 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt	Ion:105	Resp:	185470
Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.0	4.4#
51	33.2	26.1	39.1
120	18.8	17.4	26.2

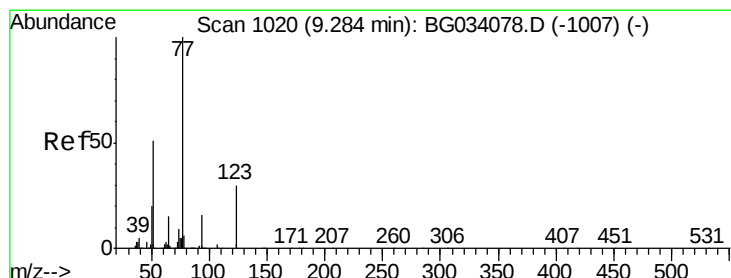
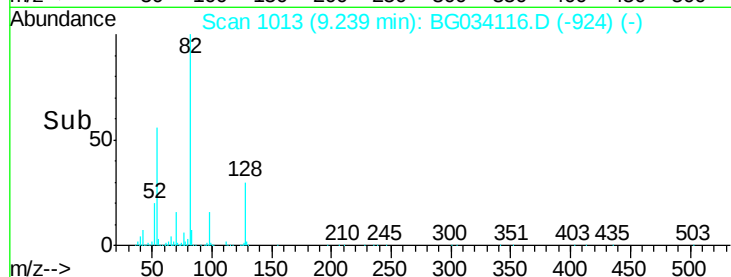
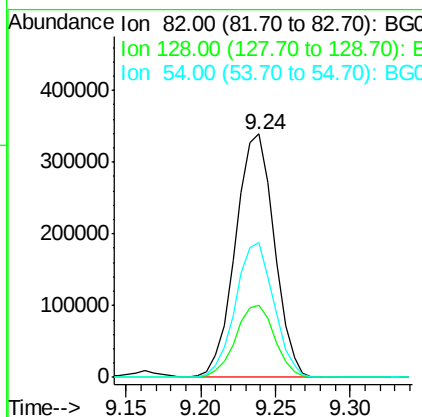
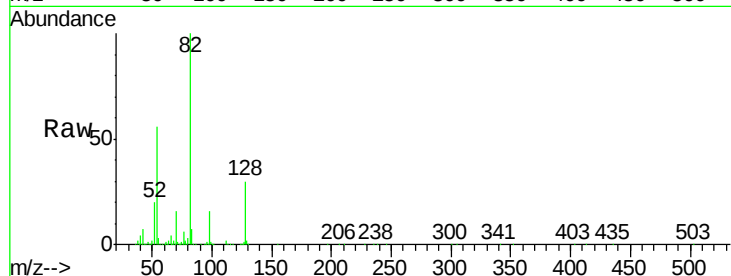




#23
Nitrobenzene-d5
Concen: 84.691 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

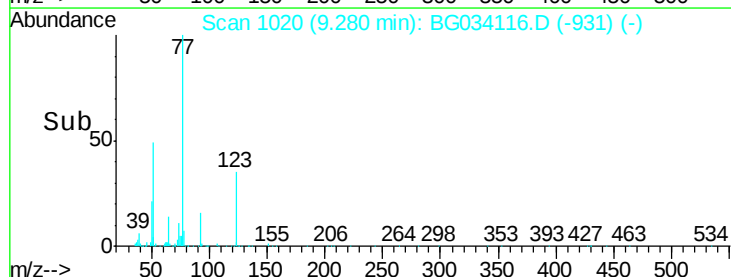
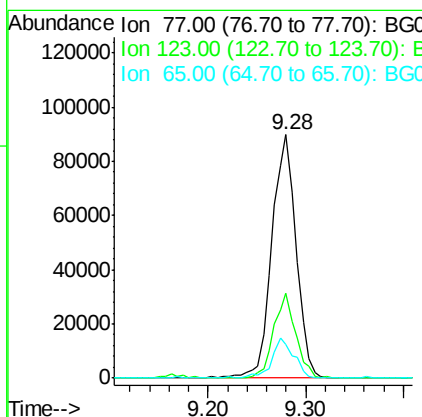
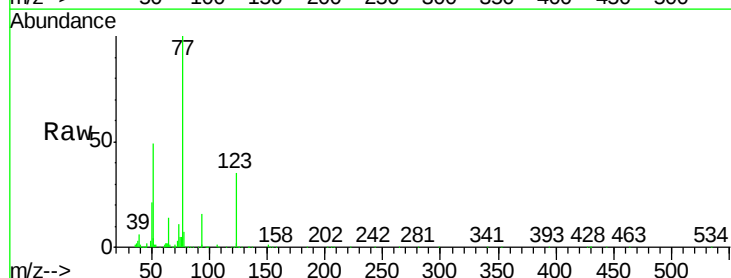
Instrument :
BNA_G
ClientSampleId :

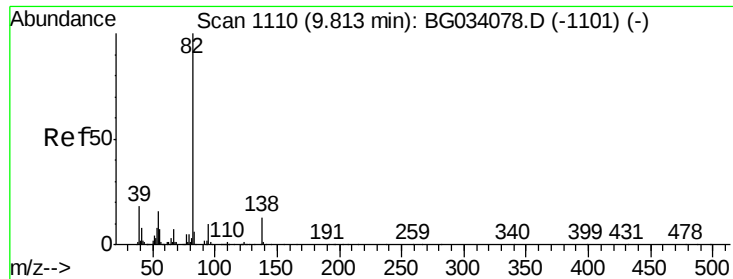
Tot Ion	82	Resp	612309
Ion Ratio	Lower	Upper	
82	100		
128	29.7	29.7	44.5
54	55.6	43.1	64.7



#24
Nitrobenzene
Concen: 19.710 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt Ion	77	Resp	155980
Ion Ratio	Lower	Upper	
77	100		
123	34.7	33.0	49.6
65	14.0	13.0	19.6





#25

Isophorone

Concen: 18.685 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

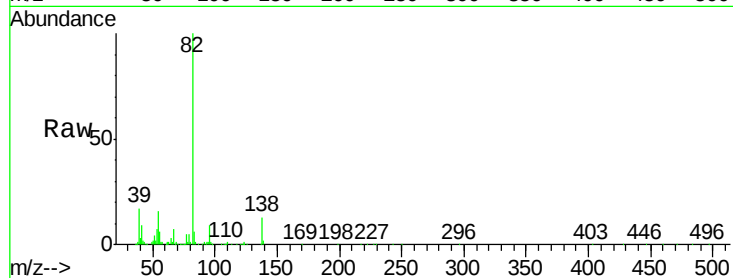
Tot Ion: 82 Resp: 275587

Ion Ratio Lower Upper

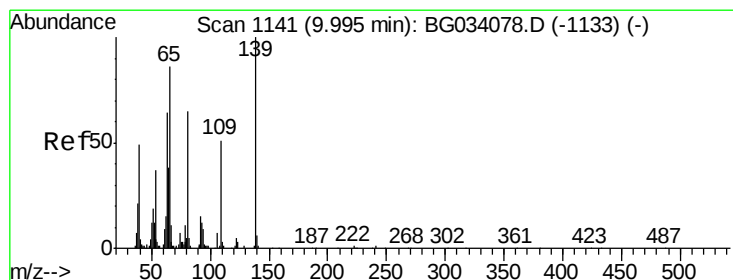
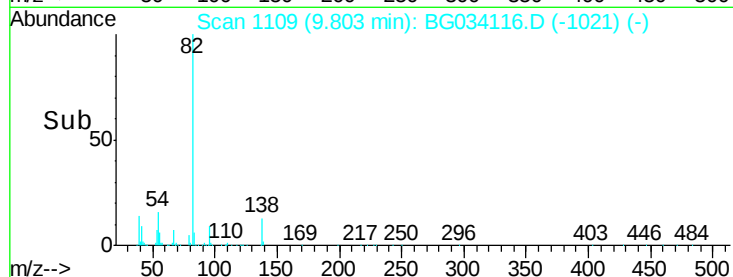
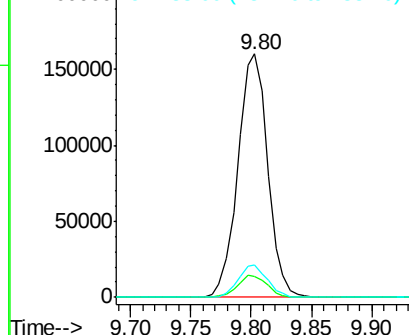
82 100

95 8.7 6.2 9.2

138 13.2 12.1 18.1



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



#26

2-Nitrophenol

Concen: 20.523 ng

RT: 9.99 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

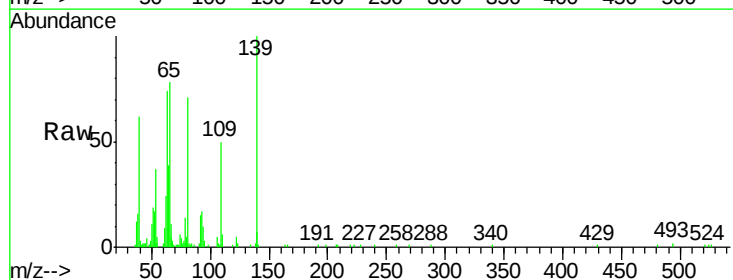
Tgt Ion: 139 Resp: 44962

Ion Ratio Lower Upper

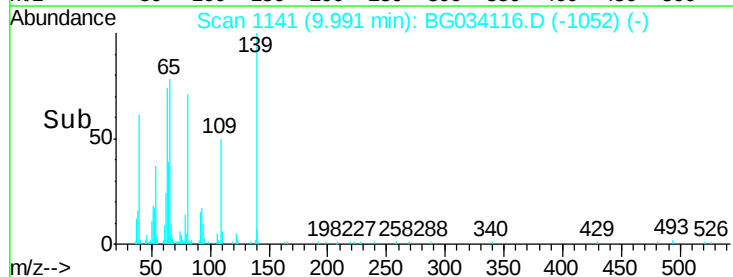
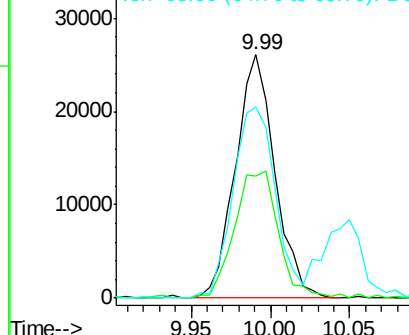
139 100

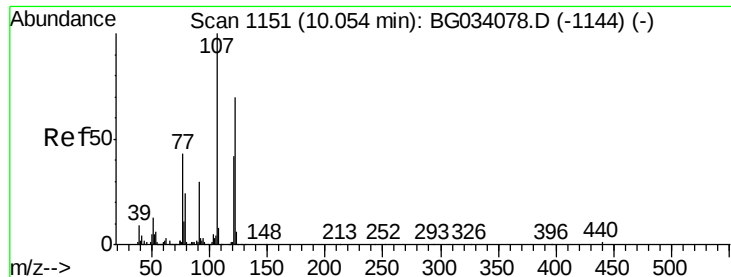
109 50.1 24.2 36.2#

65 78.3 47.4 71.0#



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





#27

2,4-Dimethylphenol

Concen: 18.767 ng

RT: 10.04 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

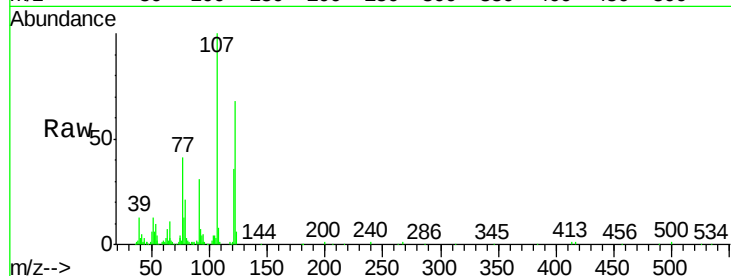
Tot Ion:122 Resp: 79706

Ion Ratio Lower Upper

122 100

107 147.9 100.2 150.2

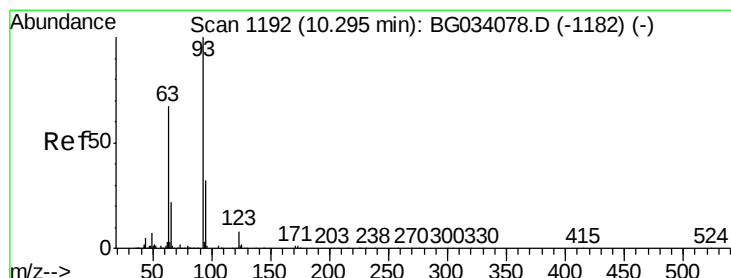
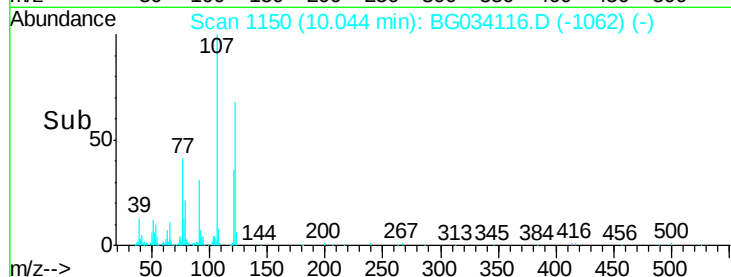
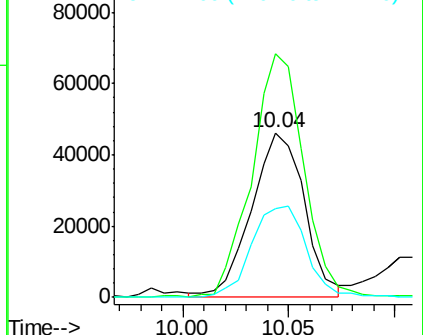
121 53.8 44.4 66.6



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: 19.171 ng

RT: 10.29 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

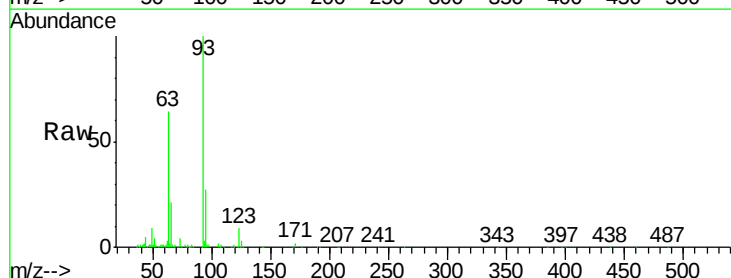
Tgt Ion: 93 Resp: 138884

Ion Ratio Lower Upper

93 100

95 27.1 24.3 36.5

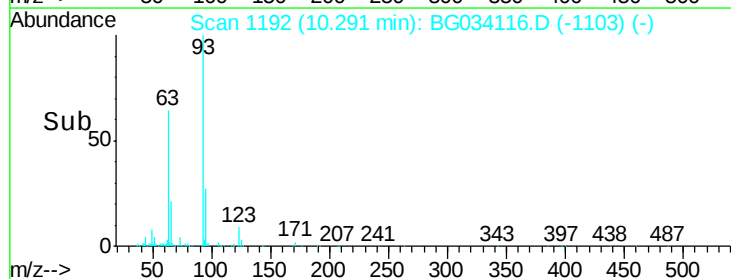
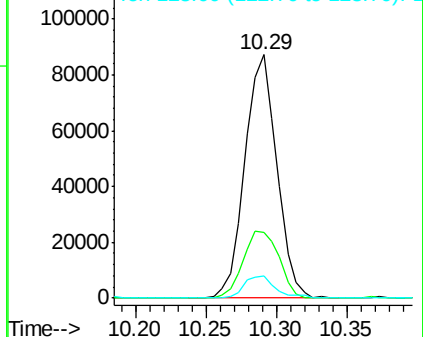
123 9.2 8.4 12.6

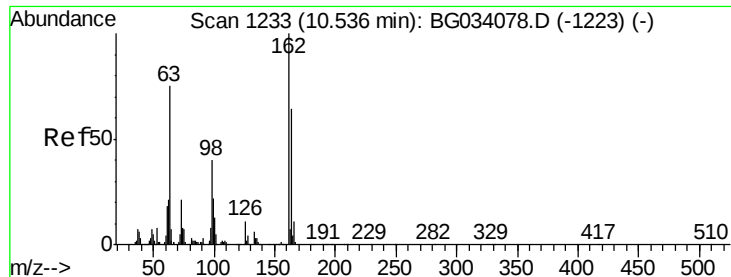


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

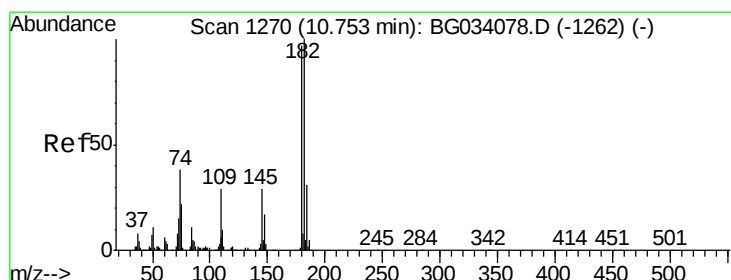
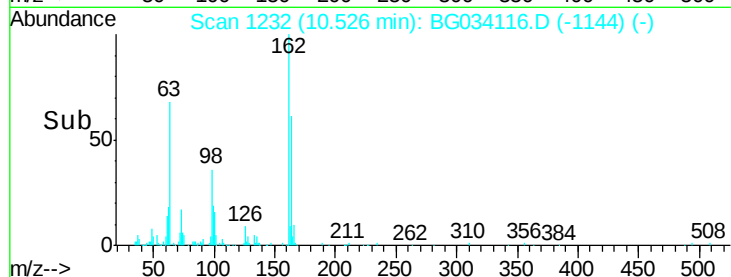
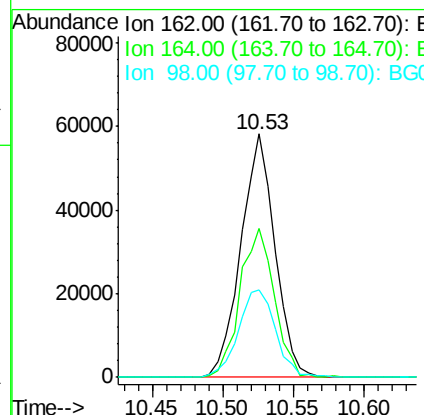
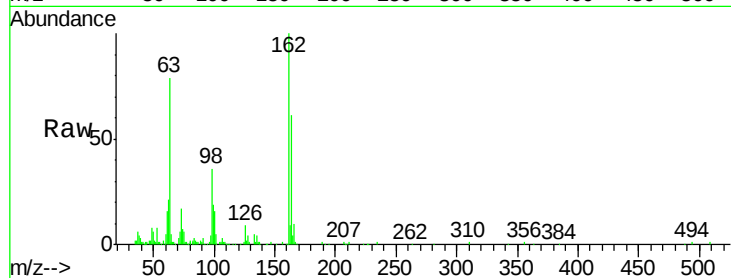




#29
 2,4-Dichlorophenol
 Concen: 19.314 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

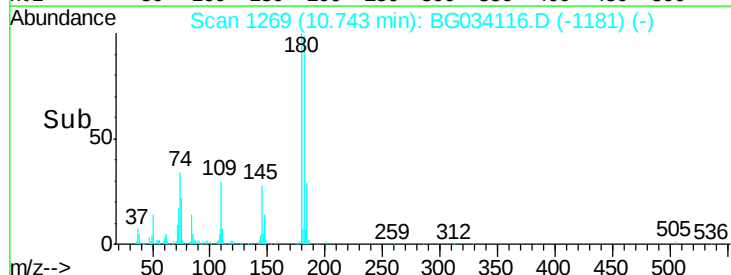
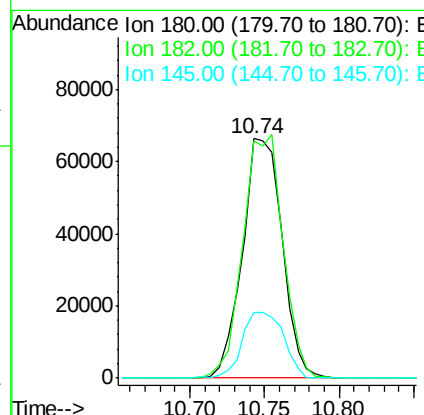
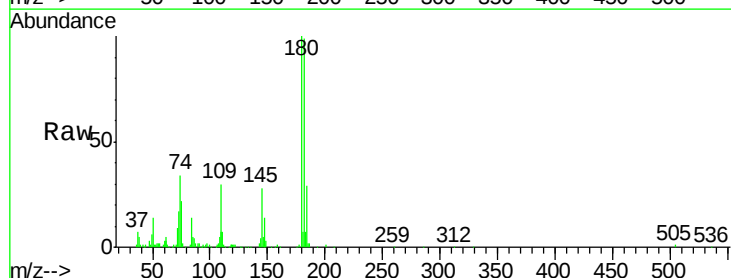
Instrument :
 BNA_G
 ClientSampleId :

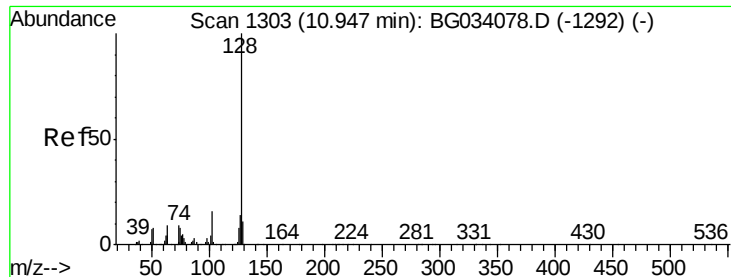
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.4	48.0	88.0
98	36.1	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 19.978 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	77.5	116.3
145	27.7	23.4	35.2

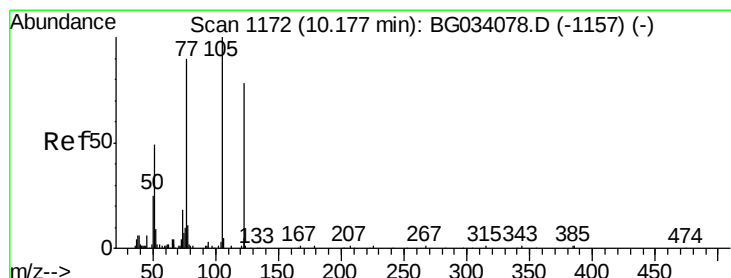
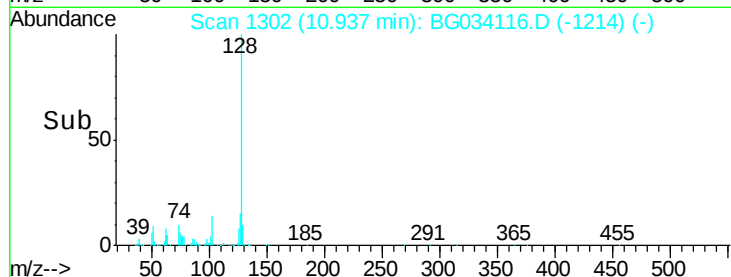
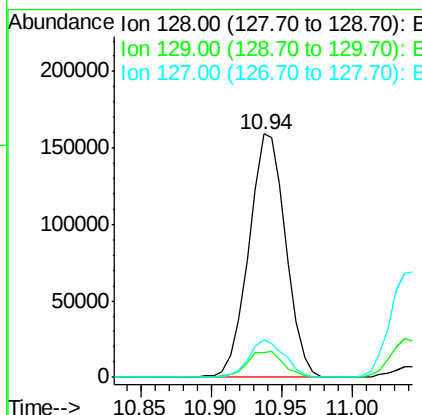
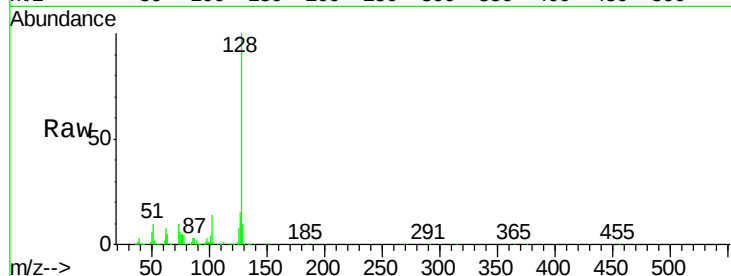




#31
Naphthalene
Concen: 19.957 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

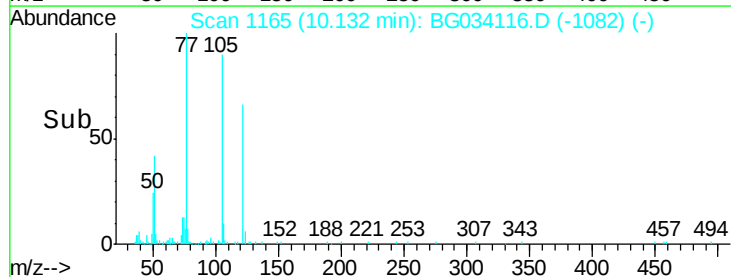
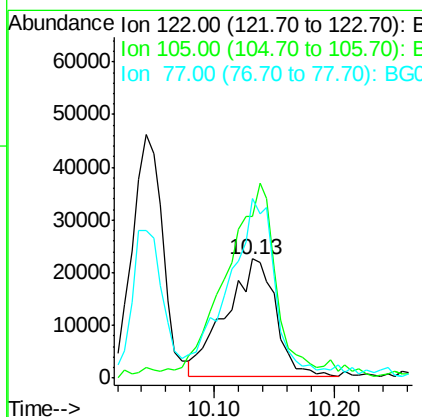
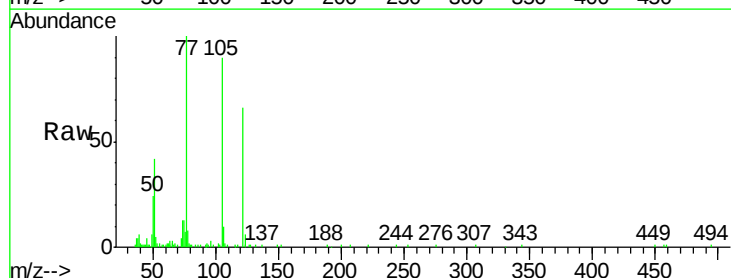
Instrument :
BNA_G
ClientSampleId :

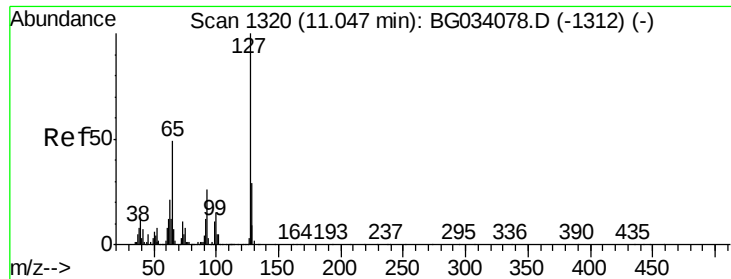
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.6	12.8
127	15.2	11.6	17.4



#32
Benzoic acid
Concen: 19.945 ng
RT: 10.13 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.9	123.5	163.5
77	151.4	85.7	125.7

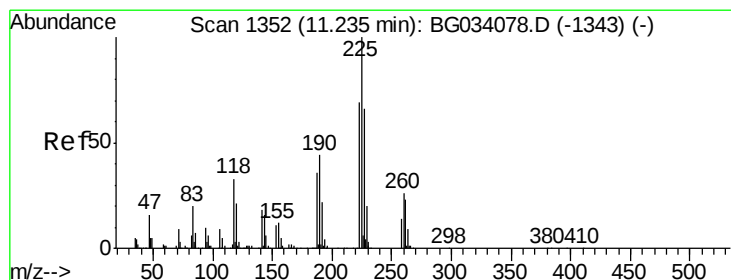
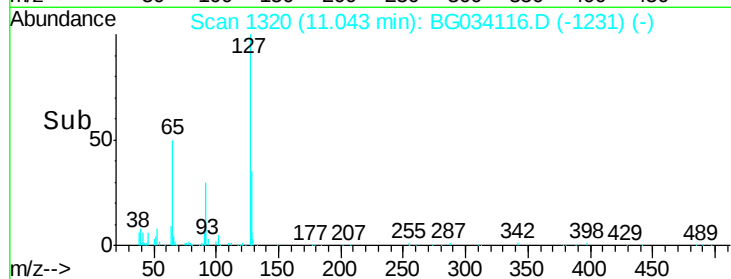
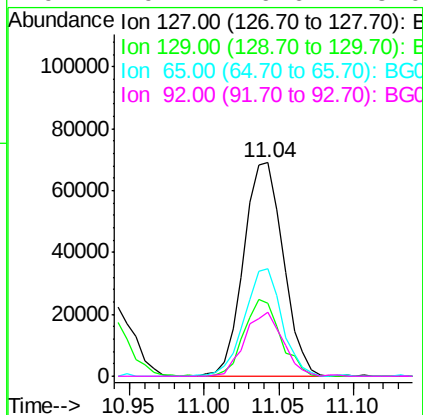
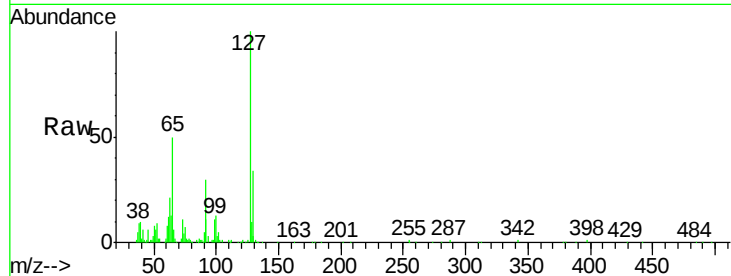




#33
4-Chloroaniline
Concen: 19.281 ng
RT: 11.04 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

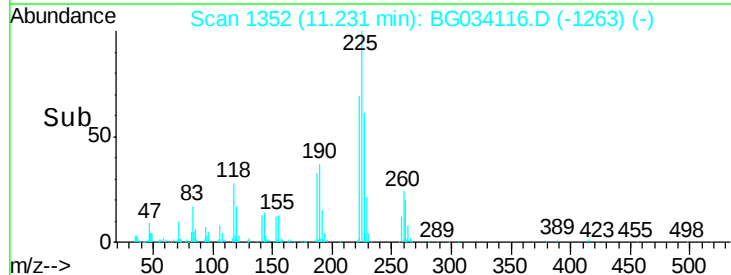
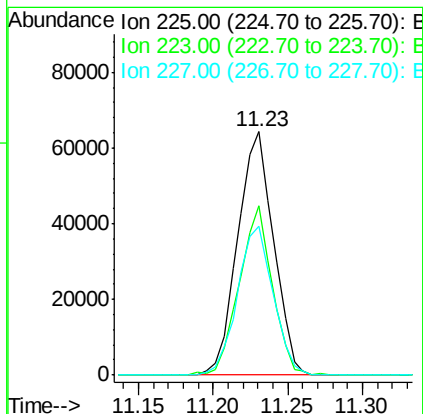
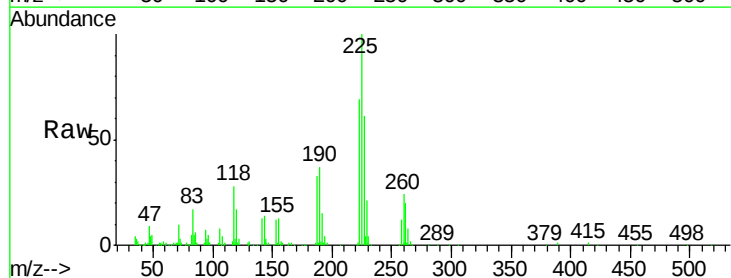
Instrument :
BNA_G
ClientSampleId :

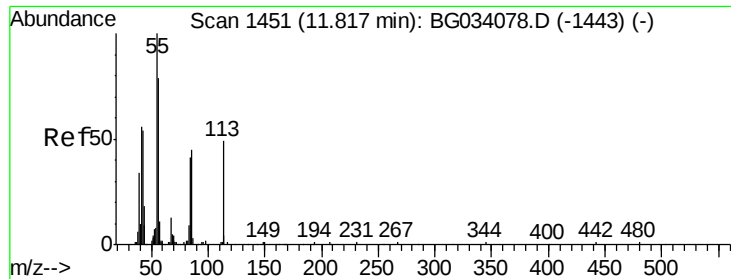
Tot Ion:	127	Resp:	126770
Ion	Ratio	Lower	Upper
127	100		
129	34.3	24.0	36.0
65	50.2	27.0	40.4#
92	29.7	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 20.716 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt Ion:	225	Resp:	107187
Ion	Ratio	Lower	Upper
225	100		
223	69.3	49.7	74.5
227	61.0	48.1	72.1

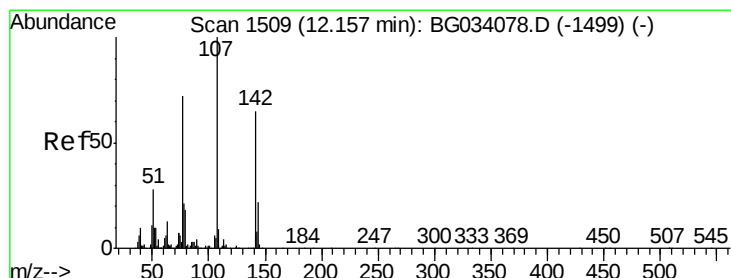
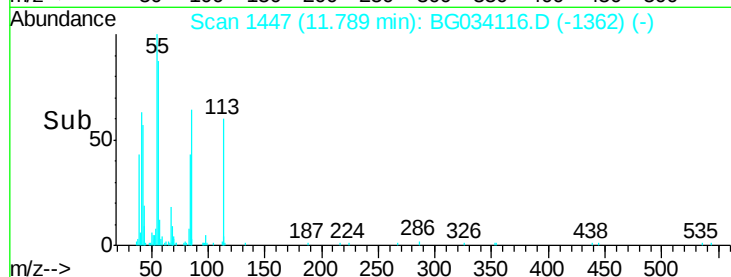
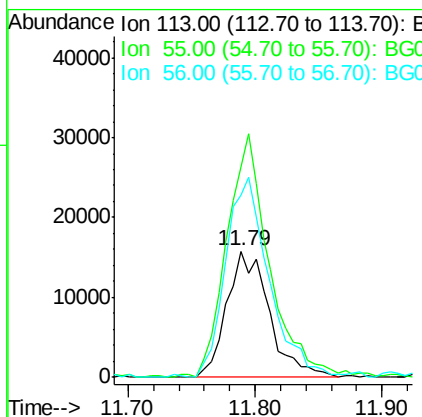
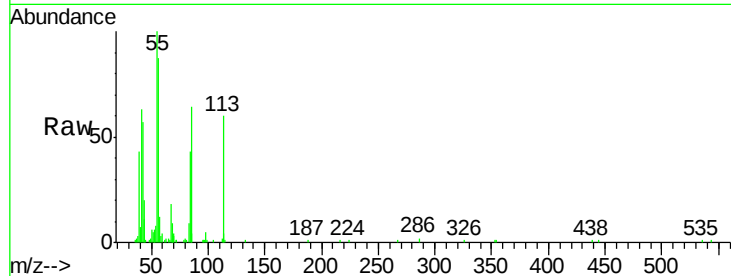




#35
Caprolactam
Concen: 20.280 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.03 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

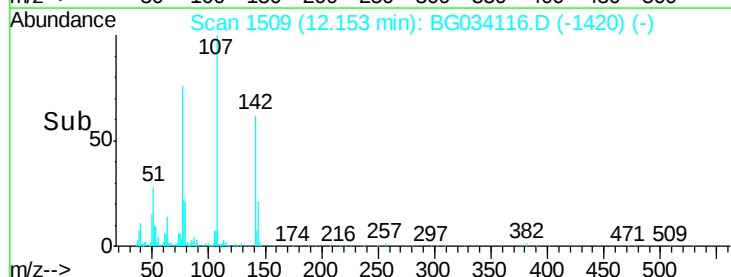
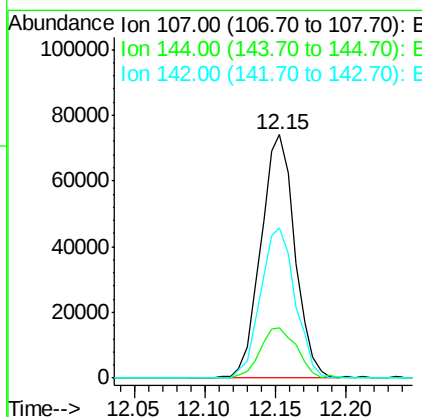
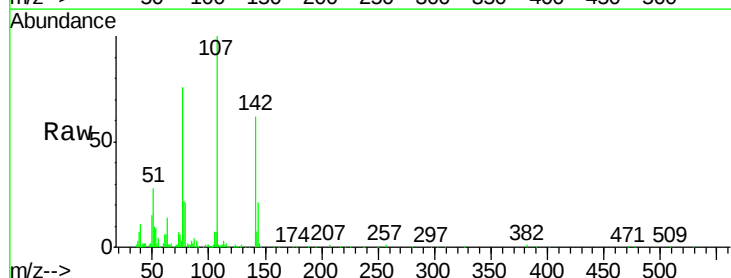
Instrument :
BNA_G
ClientSampleId :

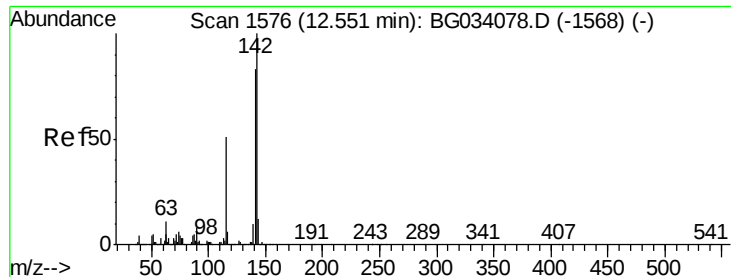
Tot Ion:113 Resp: 36569
Ion Ratio Lower Upper
113 100
55 166.3 186.9 226.9#
56 144.3 130.9 170.9



#36
4-Chloro-3-methylphenol
Concen: 19.038 ng
RT: 12.15 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt Ion:107 Resp: 125322
Ion Ratio Lower Upper
107 100
144 20.9 18.2 27.4
142 61.7 59.0 88.4

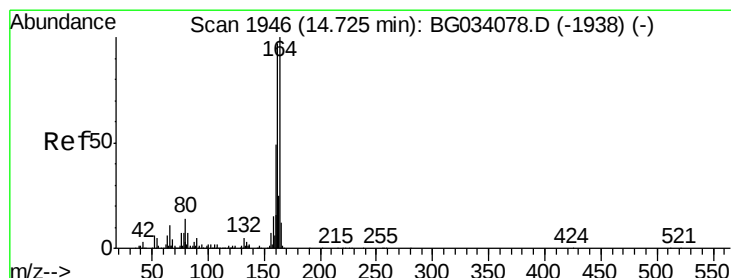
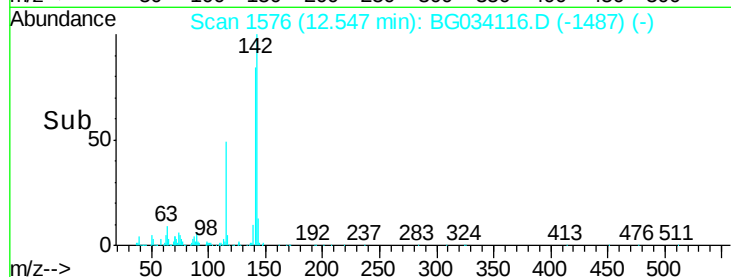
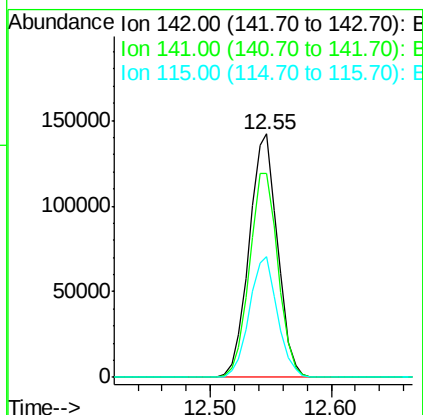
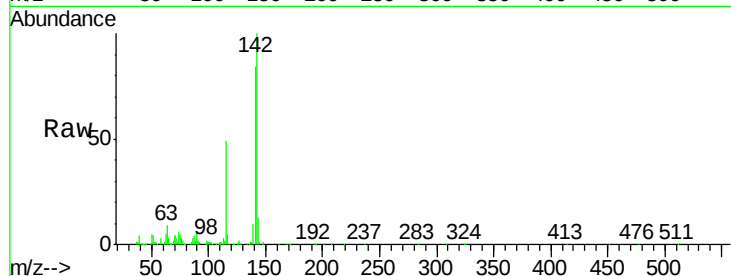




#37
2-Methylnaphthalene
Concen: 19.597 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

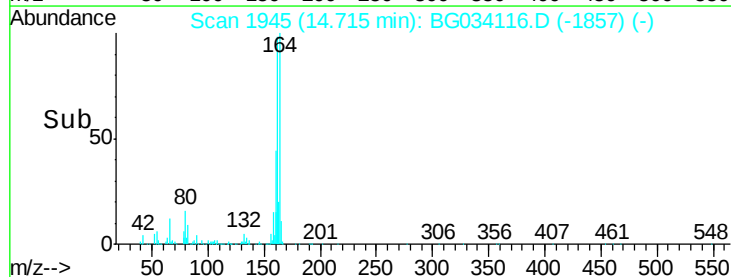
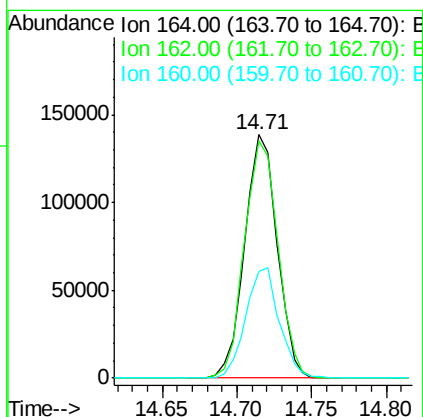
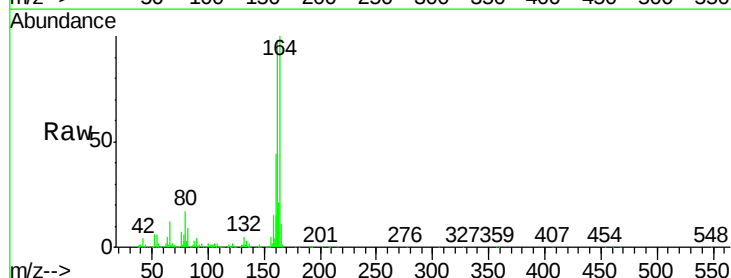
Instrument :
BNA_G
ClientSampleId :

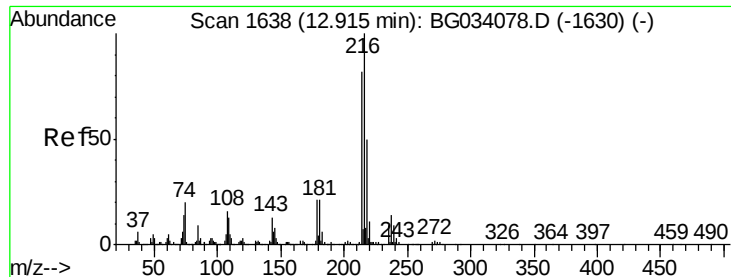
Tot Ion	Ratio	Lower	Upper
142	100		
141	83.6	67.1	100.7
115	49.4	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	78.8	118.2
160	43.6	35.4	53.0

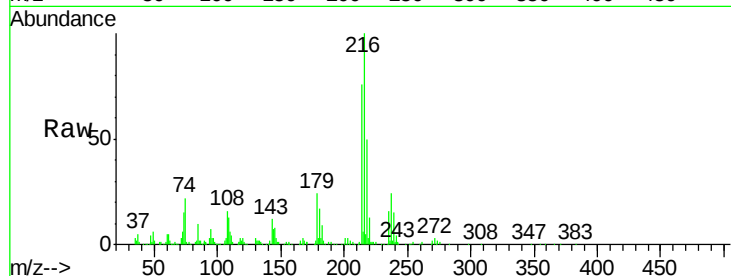




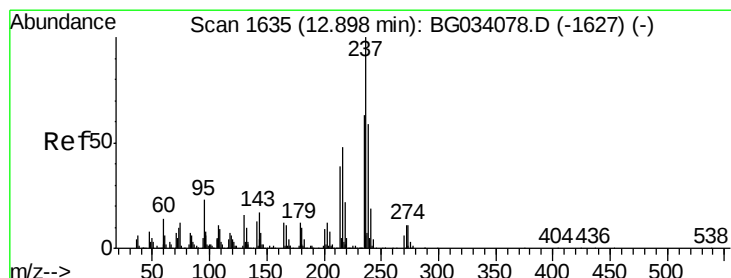
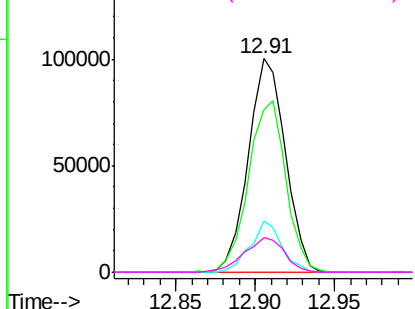
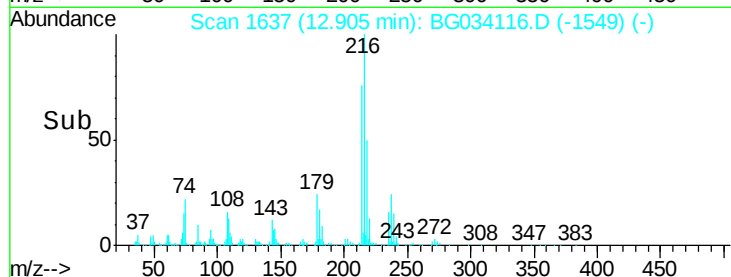
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.136 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	162158
Ion	Ratio	Lower	Upper
216	100		
214	81.3	63.0	94.4
179	20.8	17.0	25.6
108	17.5	12.8	19.2

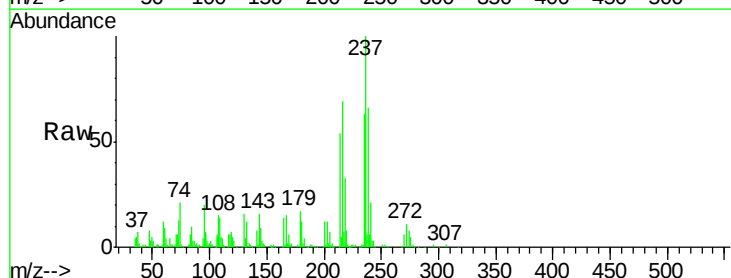


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

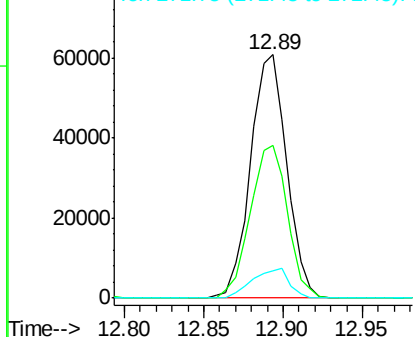
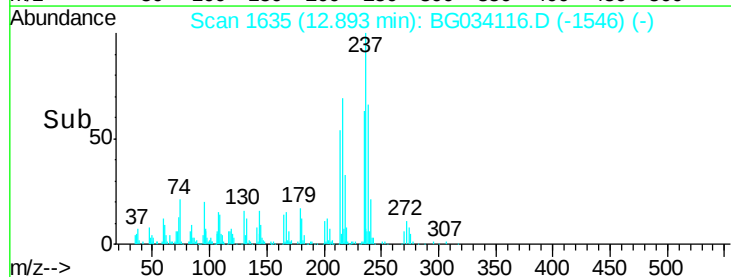


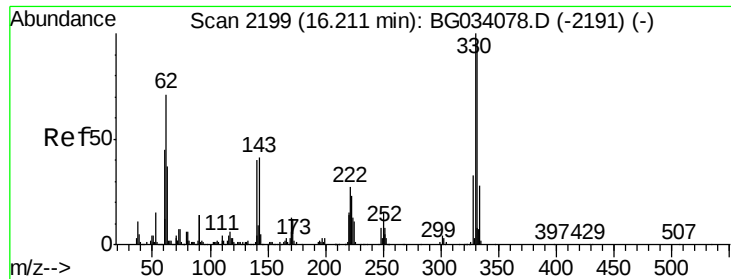
#40
 Hexachlorocyclopentadiene
 Concen: 20.181 ng
 RT: 12.89 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

Tgt Ion:	237	Resp:	96303
Ion	Ratio	Lower	Upper
237	100		
235	62.8	50.4	90.4
272	11.1	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

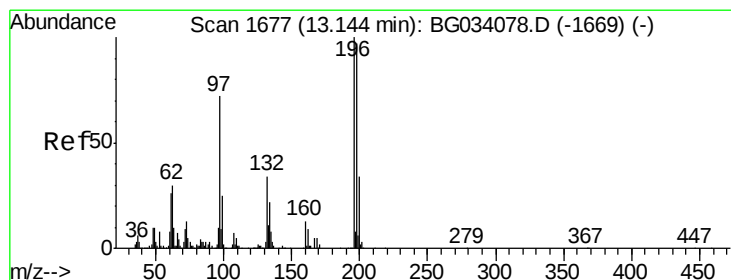
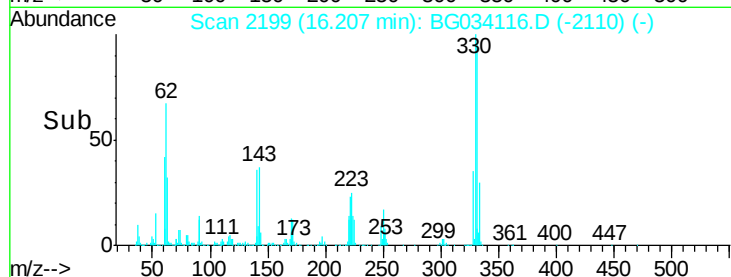
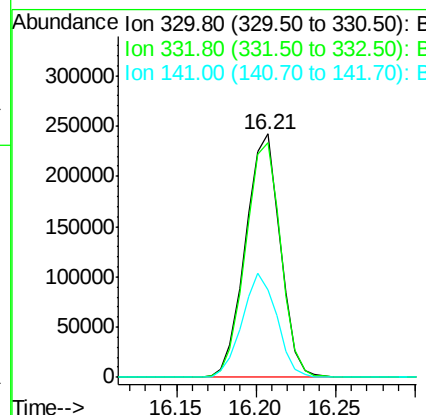
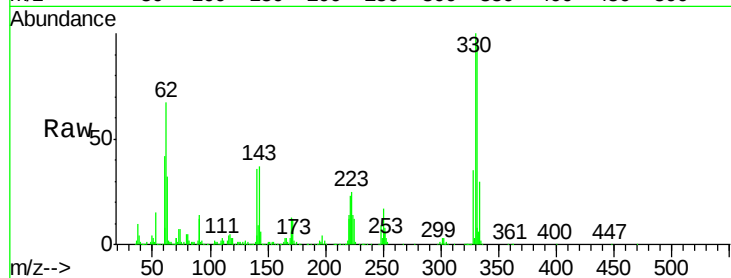




#41
 2,4,6-Tribromophenol
 Concen: 127.876 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

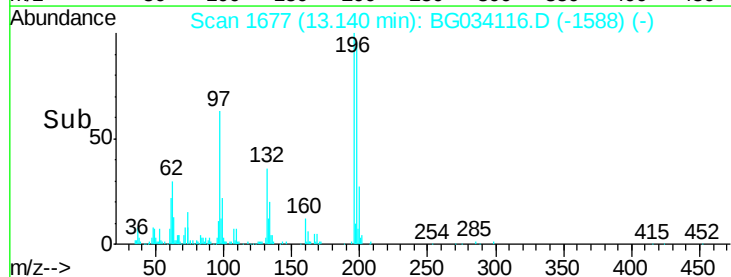
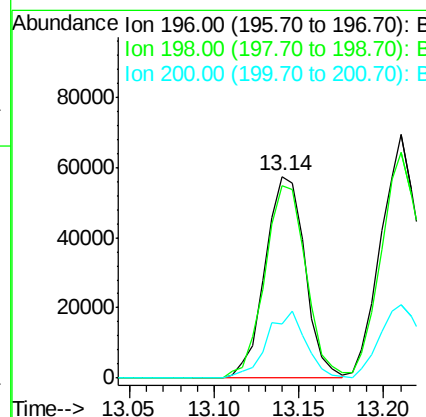
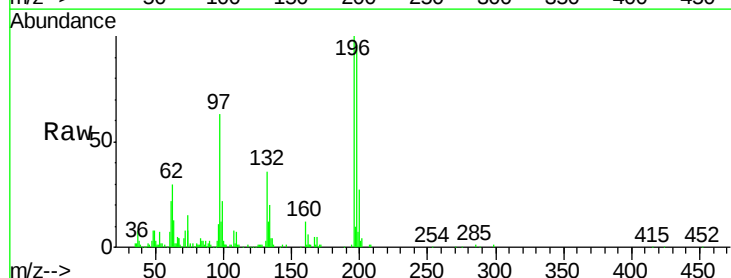
Instrument :
 BNA_G
 ClientSampleId :

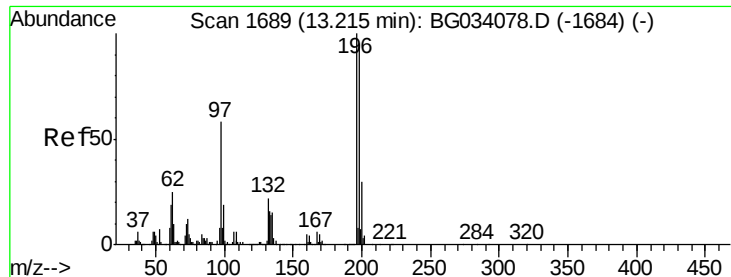
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	42.5	25.2	37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 20.108 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	78.2	117.2
200	27.0	24.6	36.8

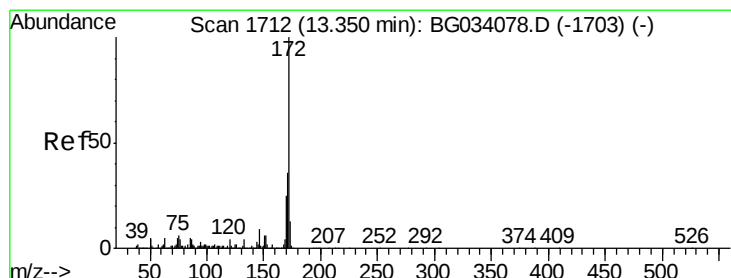
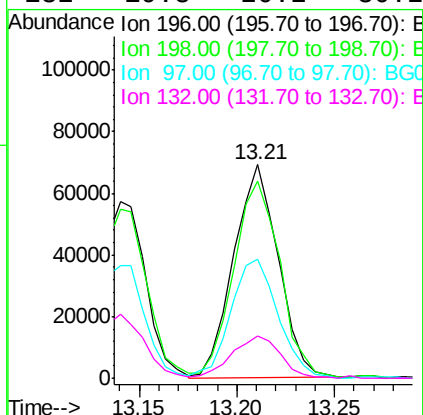
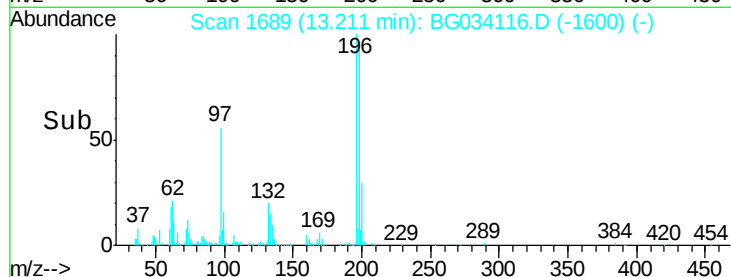
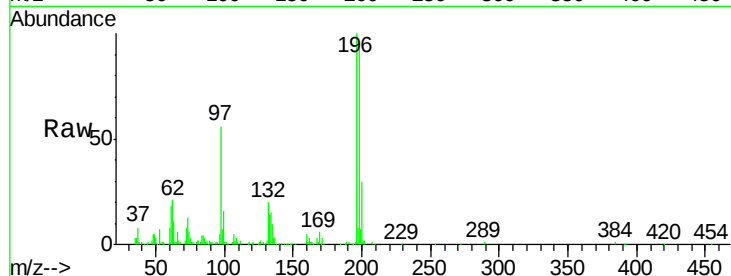




#43
2,4,5-Trichlorophenol
Concen: 21.252 ng
RT: 13.21 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

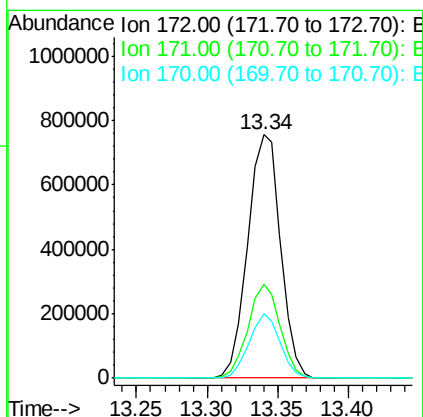
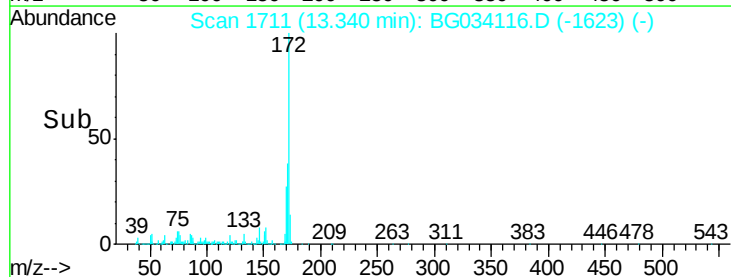
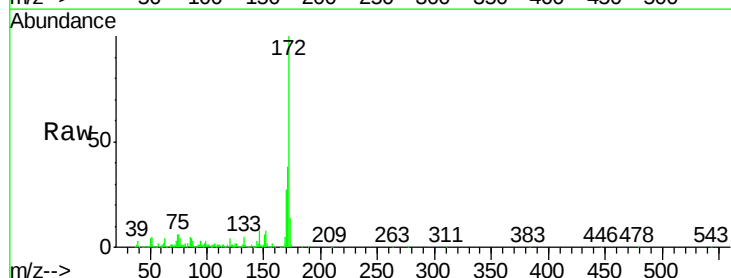
Instrument :
BNA_G
ClientSampleId :

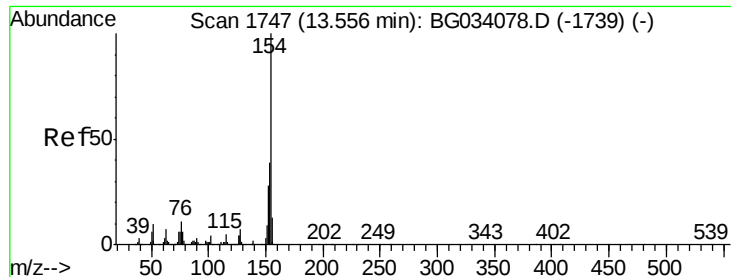
Tot Ion:196 Resp: 109929
Ion Ratio Lower Upper
196 100
198 92.5 76.2 114.4
97 55.9 38.7 58.1
132 19.8 20.2 30.2#



#44
2-Fluorobiphenyl
Concen: 86.455 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt Ion:172 Resp: 1234789
Ion Ratio Lower Upper
172 100
171 38.5 30.0 45.0
170 26.5 19.5 29.3

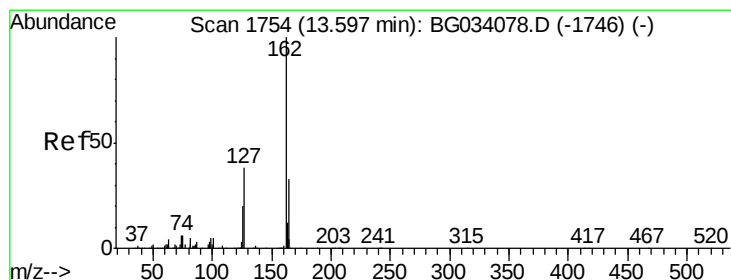
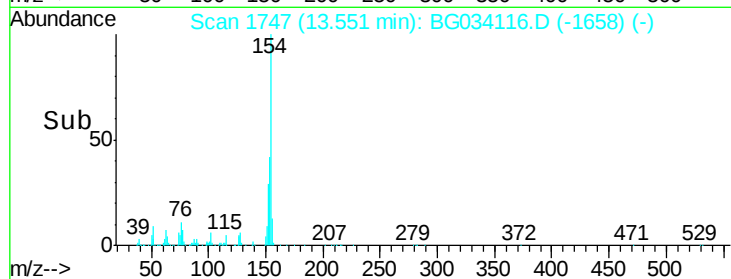
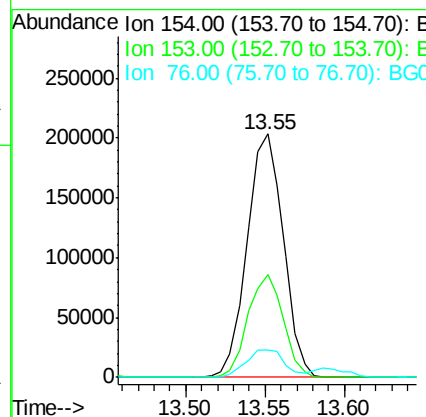
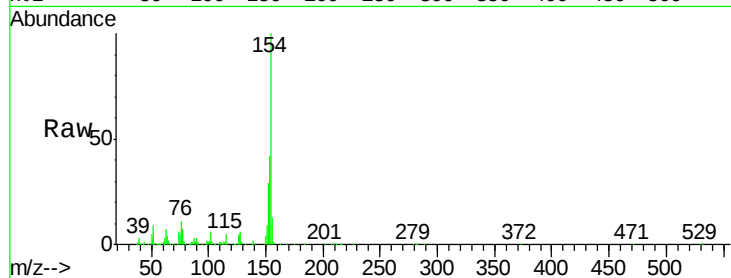




#45
 1,1'-Biphenyl
 Concen: 19.827 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

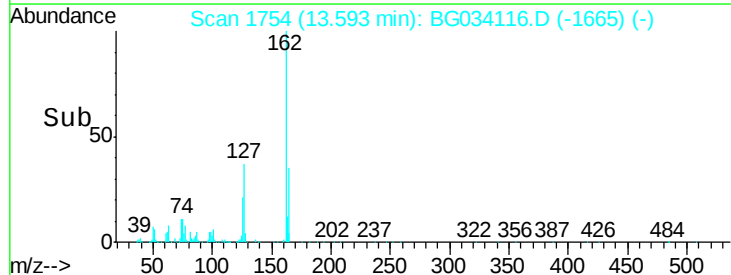
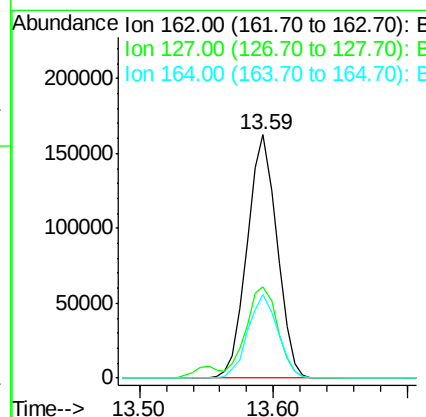
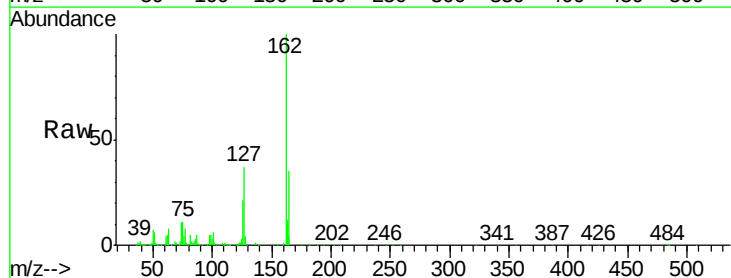
Instrument :
 BNA_G
 ClientSampleId :

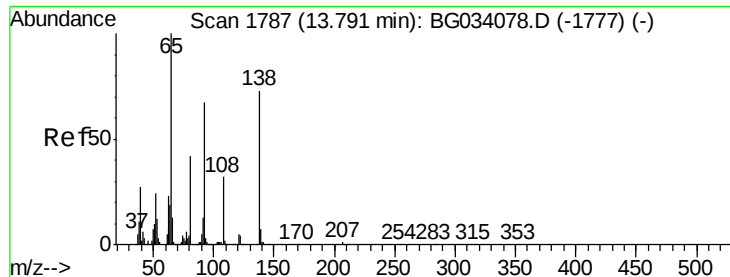
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	19.8	59.8
76	11.2	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 20.338 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.7	46.1
164	34.6	26.0	39.0





#47

2-Nitroaniline

Concen: 20.620 ng

RT: 13.79 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

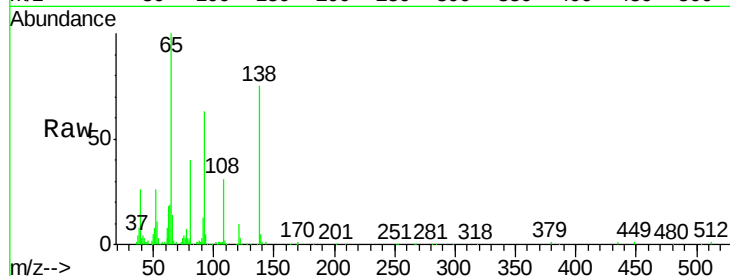
Tot Ion: 65 Resp: 101472

Ion Ratio Lower Upper

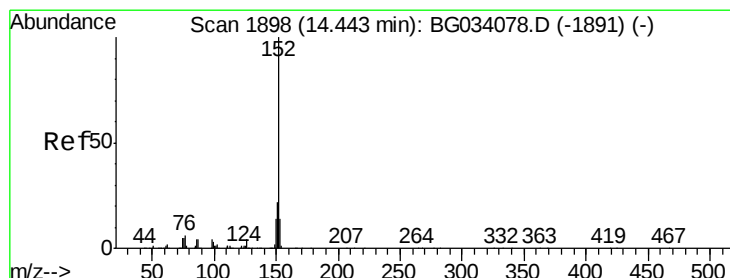
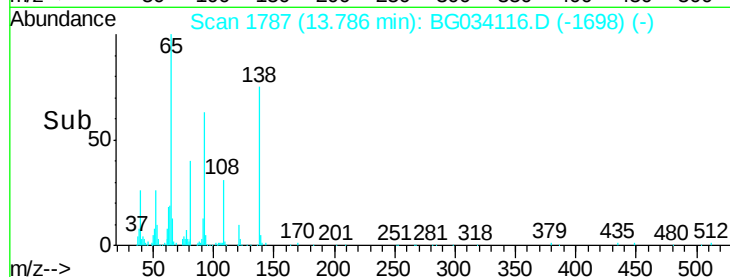
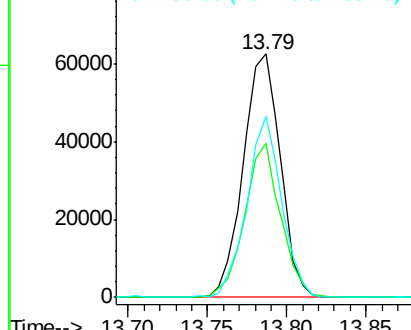
65 100

92 63.4 54.6 82.0

138 74.6 72.9 109.3



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): BGC



#48

Acenaphthylene

Concen: 19.545 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

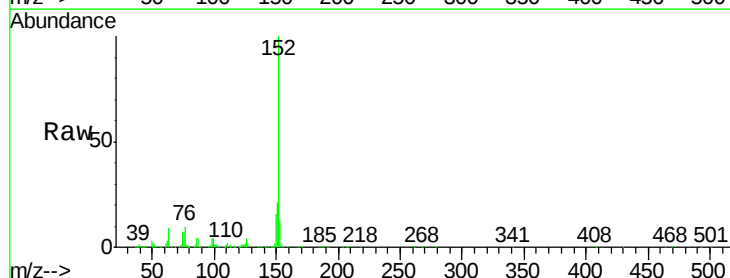
Tgt Ion: 152 Resp: 384100

Ion Ratio Lower Upper

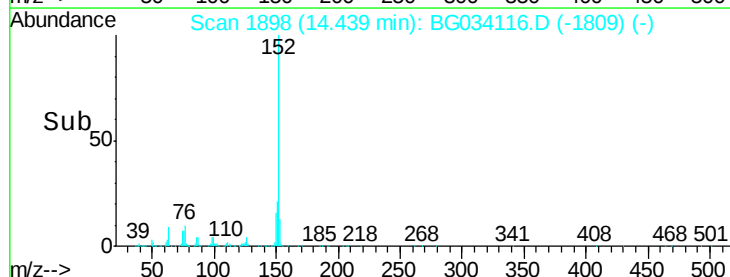
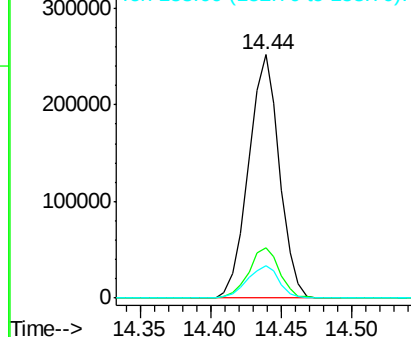
152 100

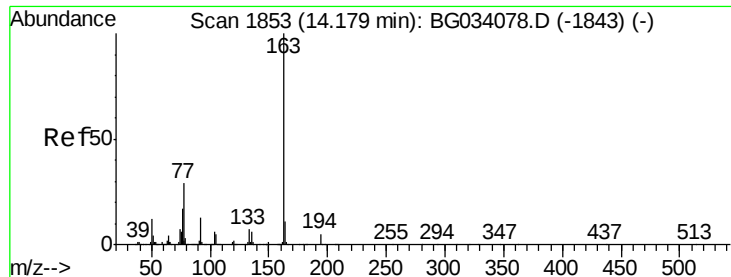
151 20.9 17.2 25.8

153 13.3 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 19.355 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

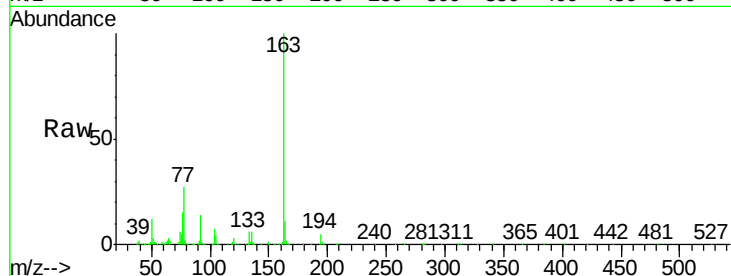
Tot Ion:163 Resp: 349295

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2#

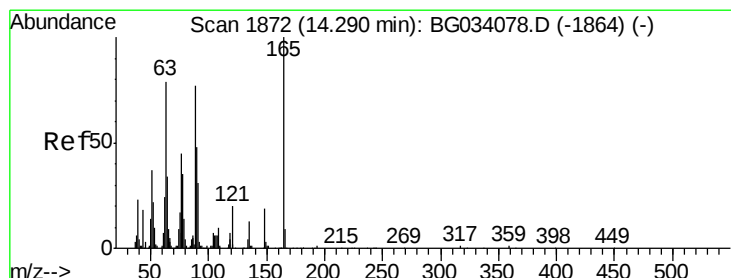
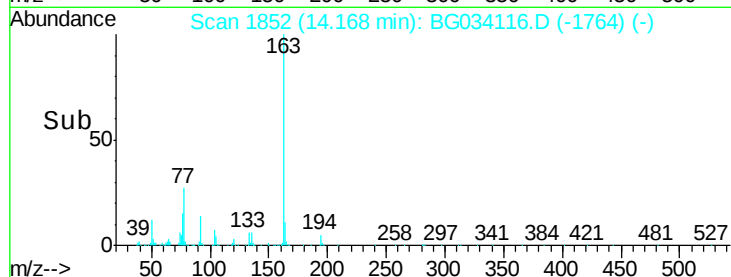
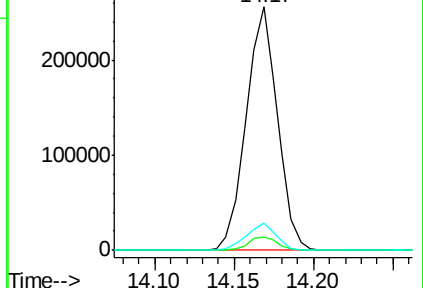
164 11.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 20.382 ng

RT: 14.28 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

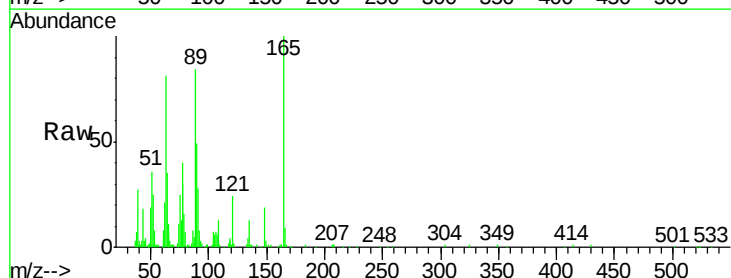
Tgt Ion:165 Resp: 70643

Ion Ratio Lower Upper

165 100

63 80.7 52.7 79.1#

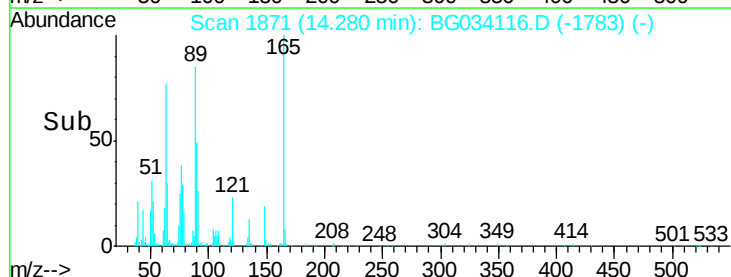
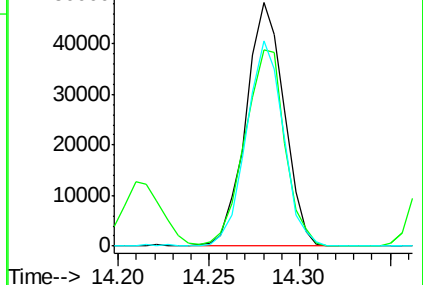
89 84.5 49.2 73.8#

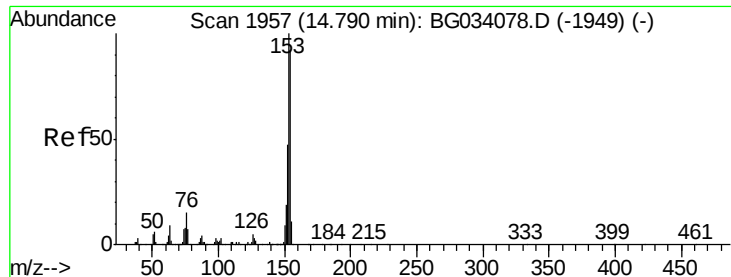


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 19.935 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

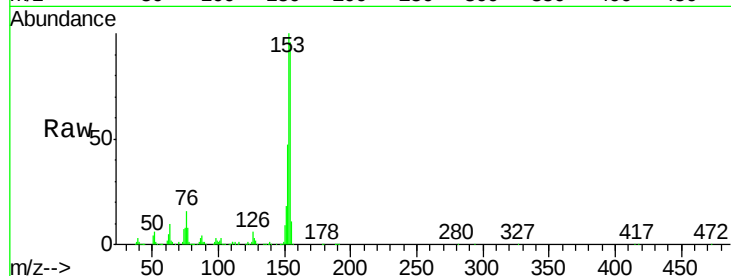
Tot Ion:154 Resp: 266261

Ion Ratio Lower Upper

154 100

153 104.2 90.4 135.6

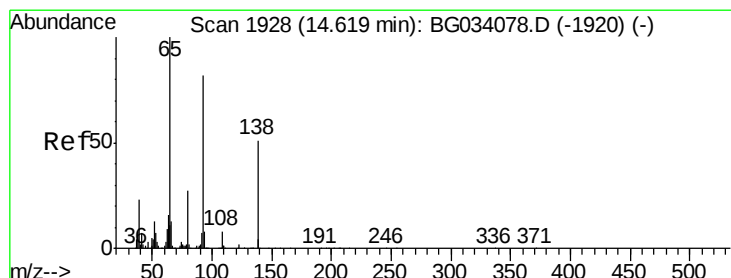
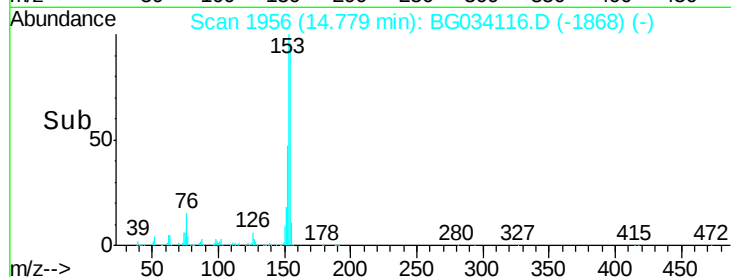
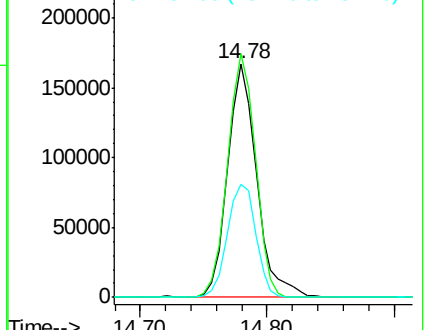
152 48.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.723 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

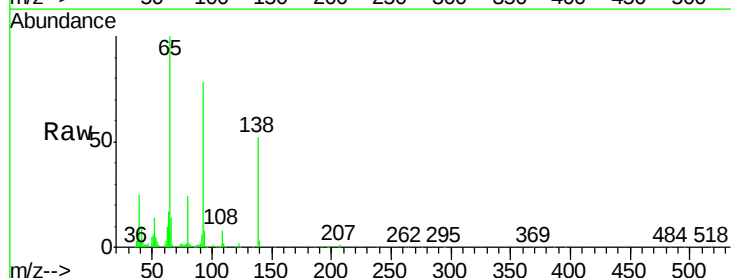
Tgt Ion:138 Resp: 72396

Ion Ratio Lower Upper

138 100

108 15.0 17.5 26.3#

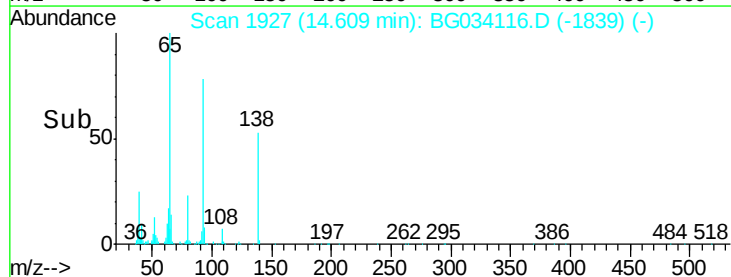
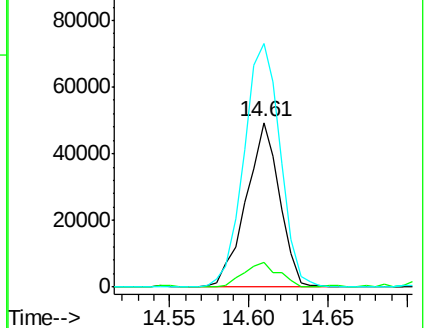
92 148.1 105.8 158.8

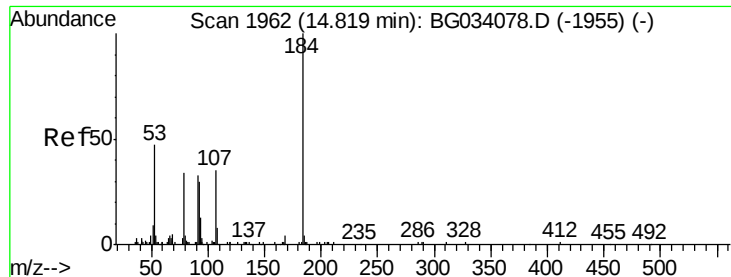


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

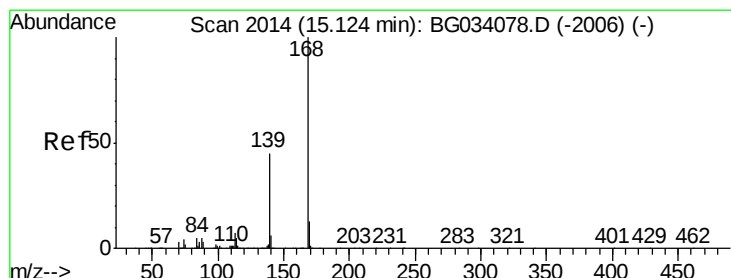
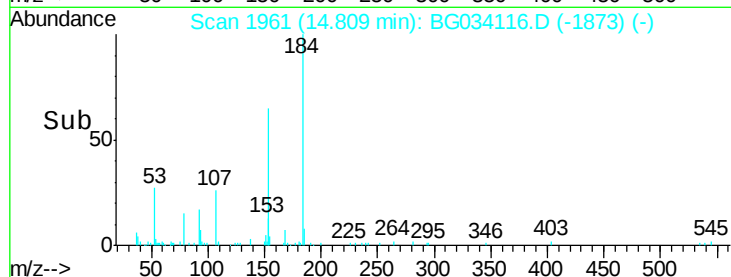
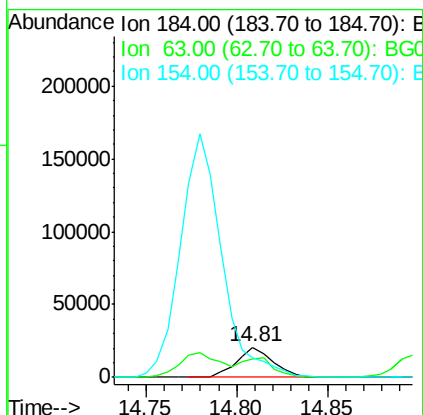
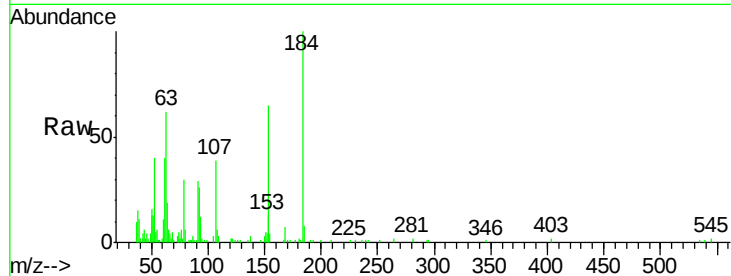




#53
2,4-Dinitrophenol
Concen: 20.986 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

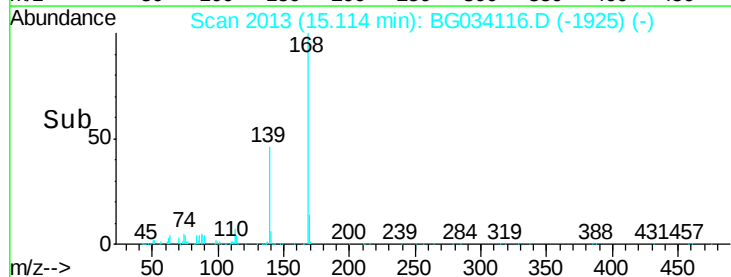
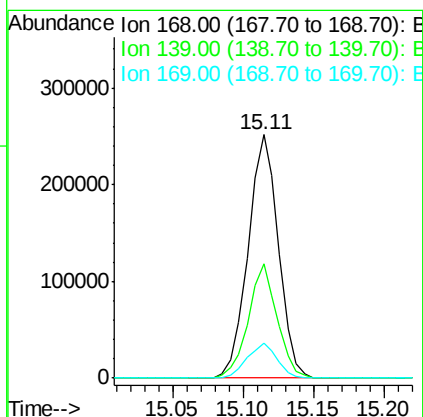
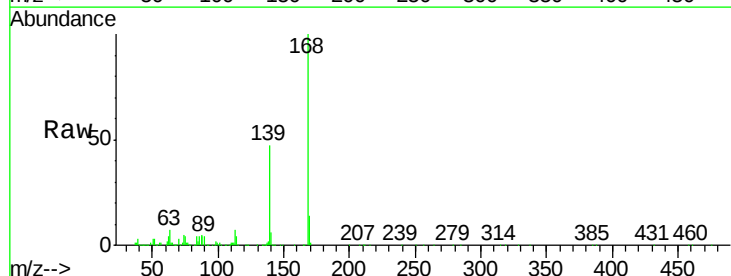
Instrument :
BNA_G
ClientSampleId :

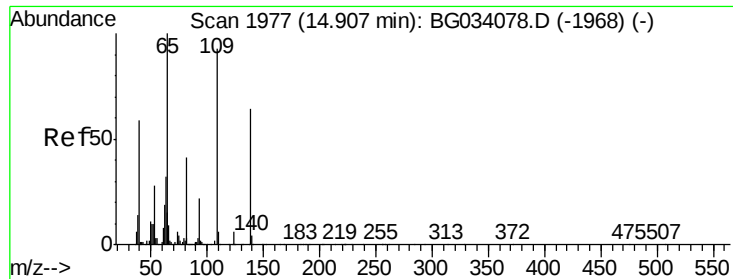
Tot Ion:184 Resp: 28455
Ion Ratio Lower Upper
184 100
63 62.3 59.8 89.8
154 65.1 101.8 152.8#



#54
Dibenzofuran
Concen: 19.482 ng
RT: 15.11 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt Ion:168 Resp: 377234
Ion Ratio Lower Upper
168 100
139 46.8 28.6 43.0#
169 14.5 11.2 16.8

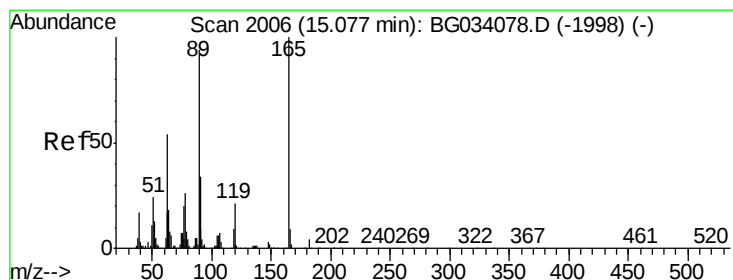
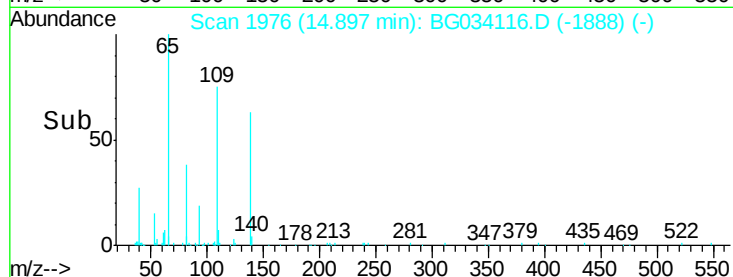
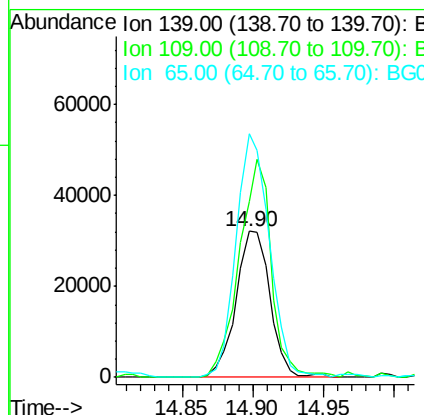
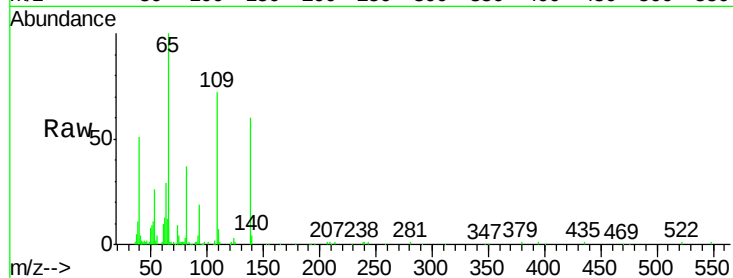




#55
4-Nitrophenol
Concen: 20.306 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

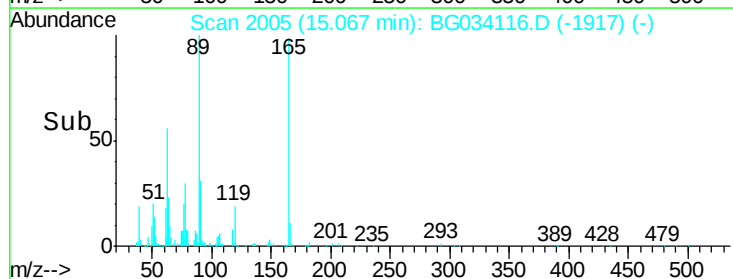
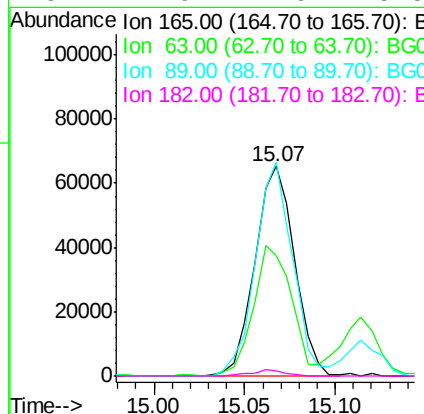
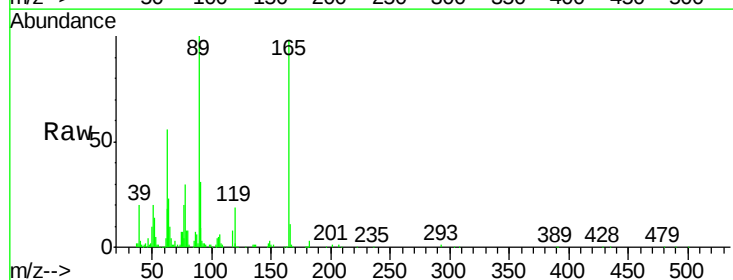
Instrument :
BNA_G
ClientSampleId :

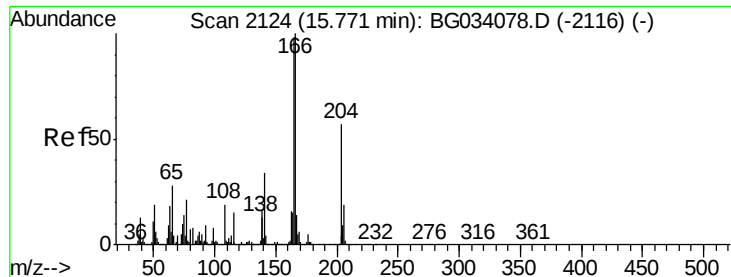
Tot Ion:139 Resp: 54145
Ion Ratio Lower Upper
139 100
109 120.8 62.2 102.2#
65 167.1 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 21.012 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt Ion:165 Resp: 98890
Ion Ratio Lower Upper
165 100
63 57.5 42.0 63.0
89 101.8 66.9 100.3#
182 2.6 2.6 3.8

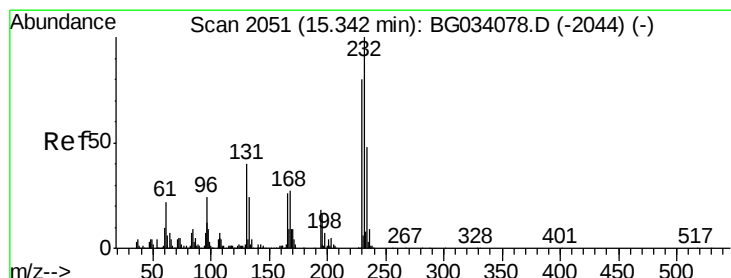
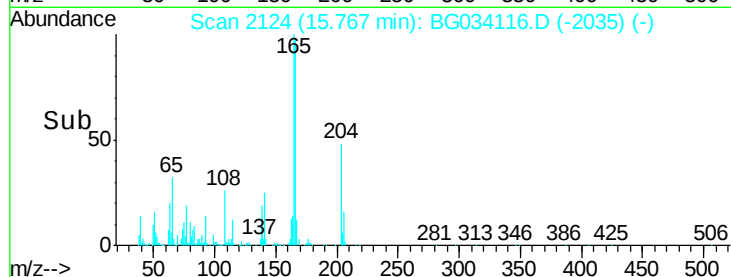
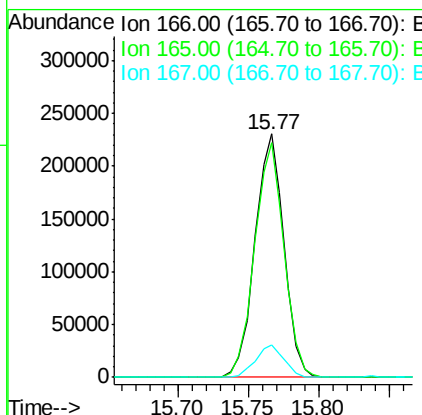
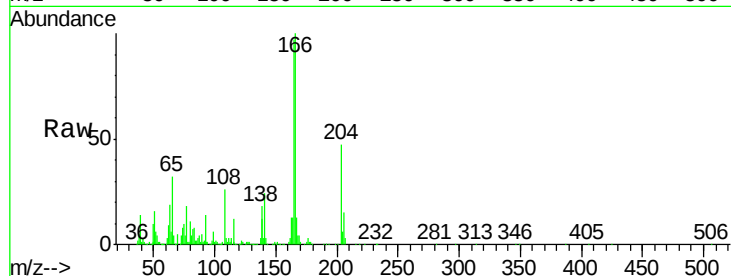




#57
Fluorene
 Concen: 19.711 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

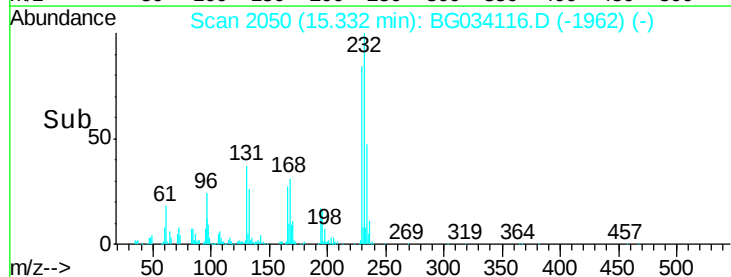
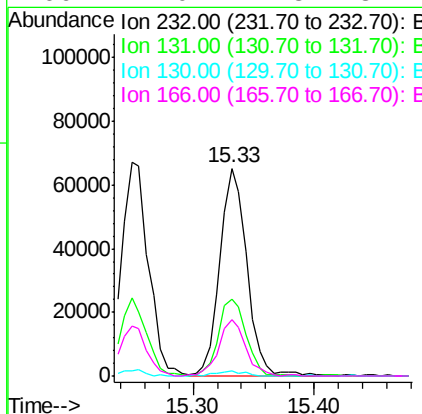
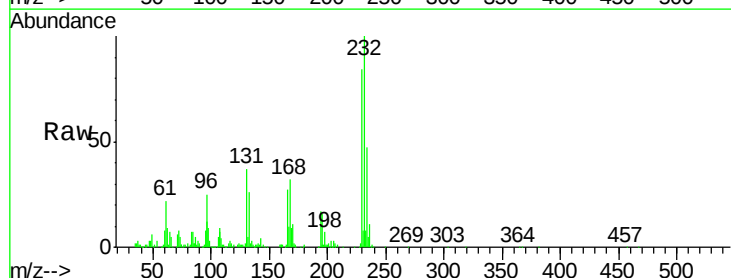
Instrument :
 BNA_G
 ClientSampleId :

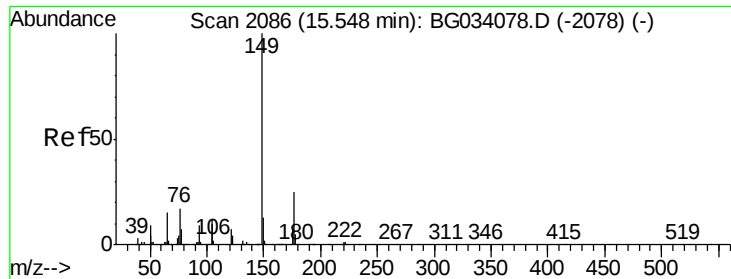
Tot Ion	166	Resp	332657
Ion Ratio	100		
Lower	80.6		
Upper	121.0		
165	96.6		
167	13.5		



#58
2,3,4,6-Tetrachlorophenol
 Concen: 18.838 ng
 RT: 15.33 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

Tgt Ion	232	Resp	100807
Ion Ratio	100		
Lower	33.5		
Upper	50.3		
131	38.2		
130	2.3		
166	27.0		





#59

Diethylphthalate

Concen: 19.153 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

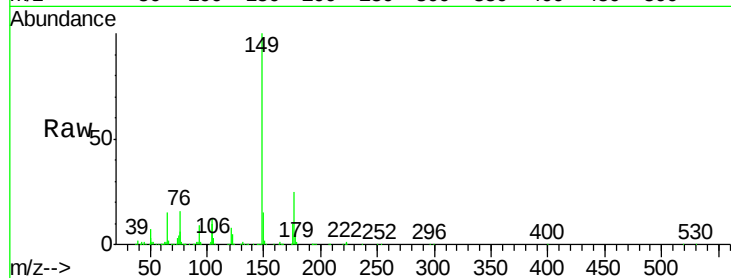
Tot Ion:149 Resp: 365773

Ion Ratio Lower Upper

149 100

177 25.4 18.5 27.7

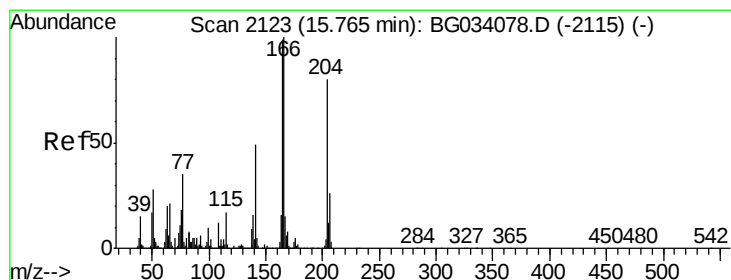
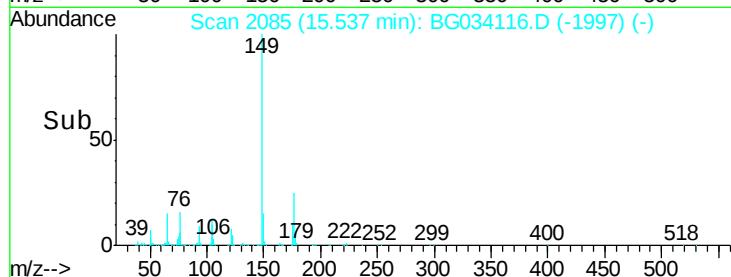
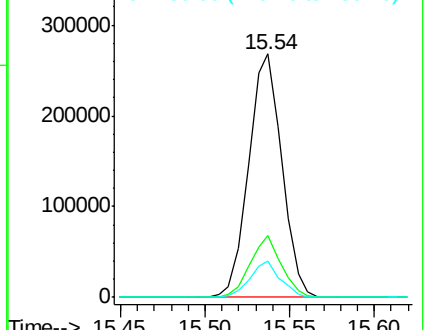
150 14.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 19.974 ng

RT: 15.76 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

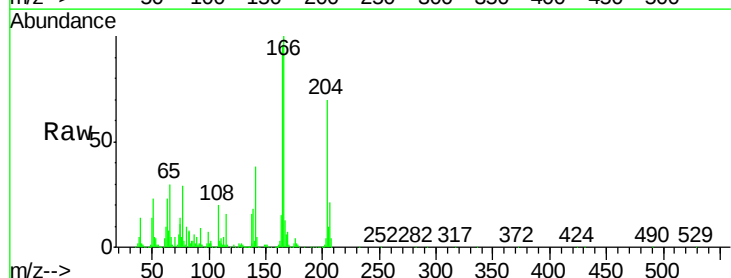
Tgt Ion:204 Resp: 200542

Ion Ratio Lower Upper

204 100

206 29.9 26.2 39.2

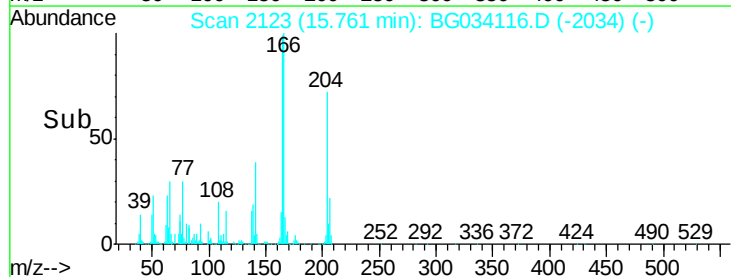
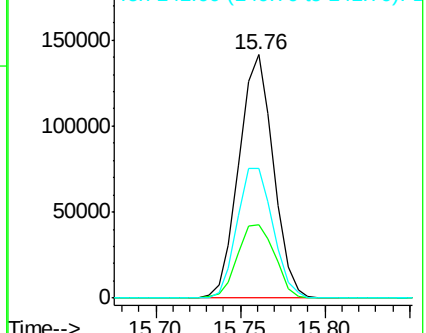
141 53.5 45.8 68.6

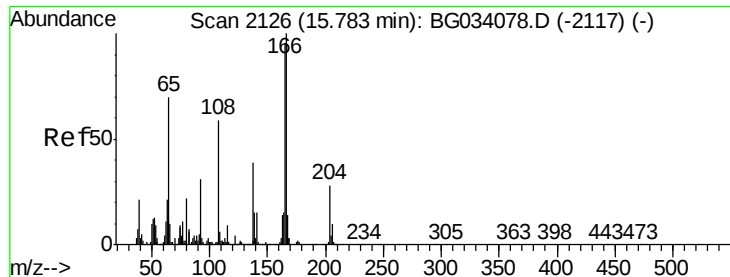


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

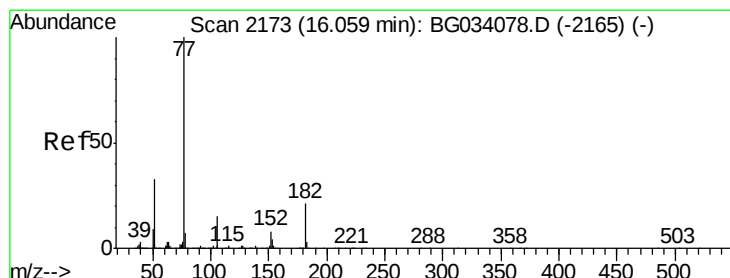
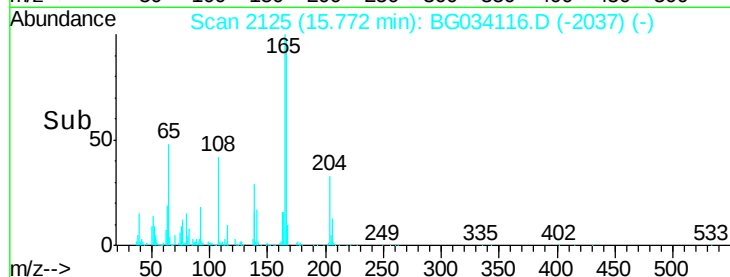
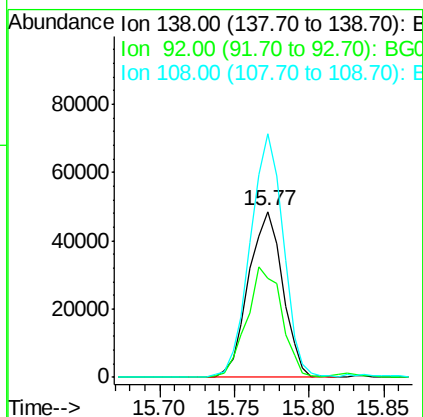
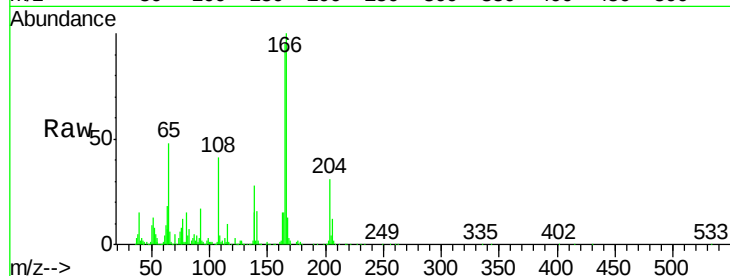




#61
4-Nitroaniline
Concen: 20.759 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

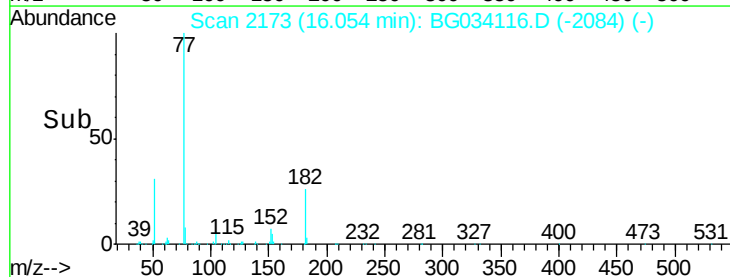
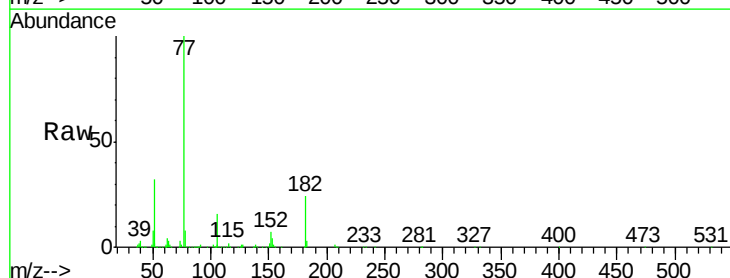
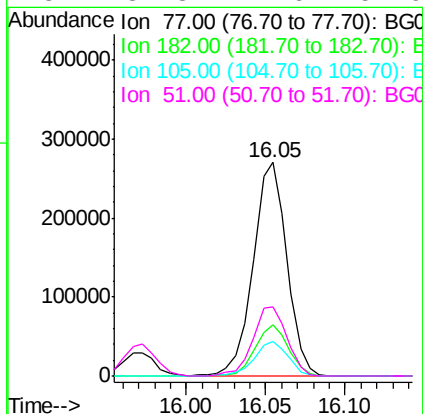
Instrument :
BNA_G
ClientSampled :

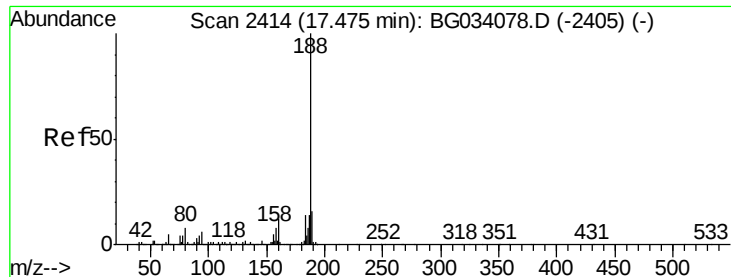
Tot Ion:138 Resp: 76927
Ion Ratio Lower Upper
138 100
92 59.7 40.1 80.1
108 146.8 65.4 105.4#



#62
Azobenzene
Concen: 19.349 ng
RT: 16.05 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt Ion: 77 Resp: 399170
Ion Ratio Lower Upper
77 100
182 24.0 7.4 47.4
105 16.1 0.3 40.3
51 32.3 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampled :

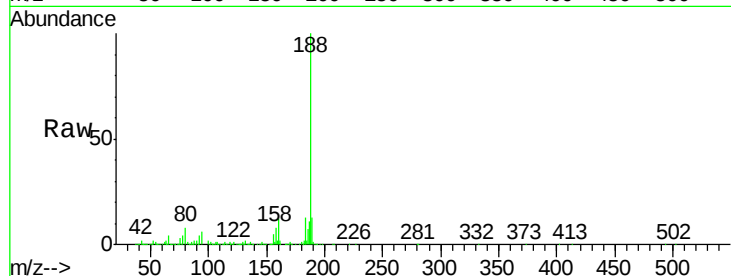
Tot Ion:188 Resp: 561830

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

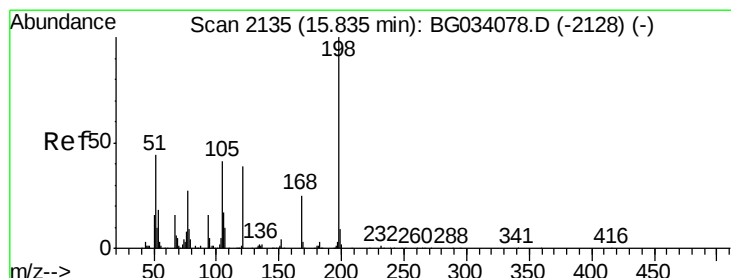
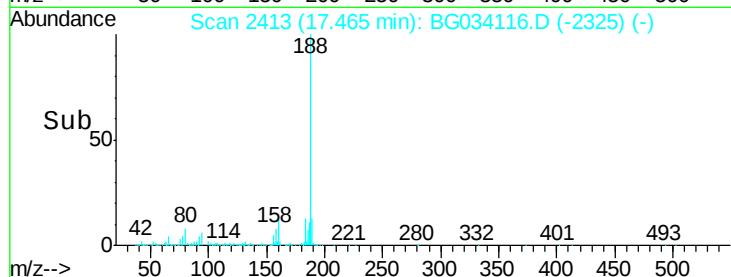
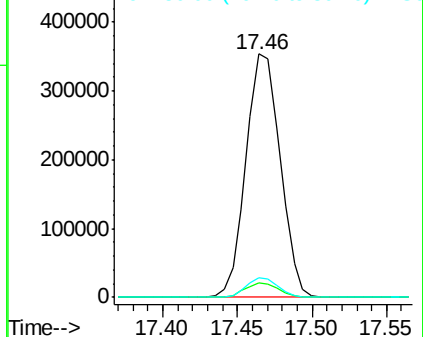
80 7.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 20.179 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

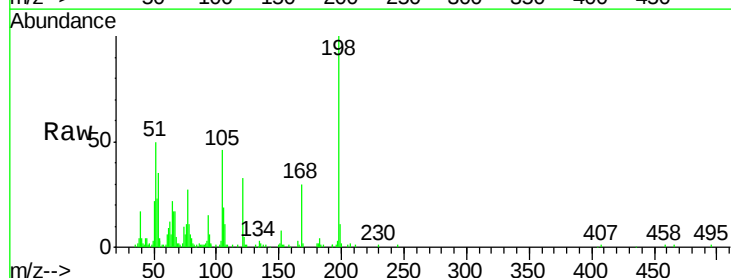
Tgt Ion:198 Resp: 53304

Ion Ratio Lower Upper

198 100

51 49.6 30.6 70.6

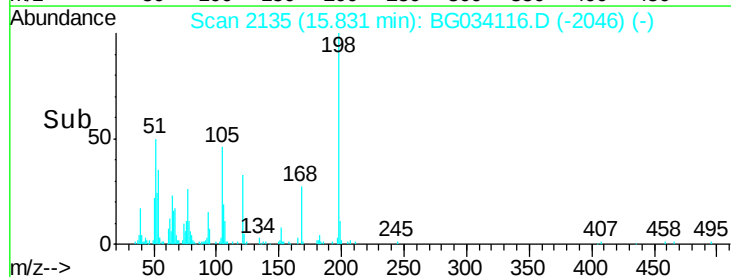
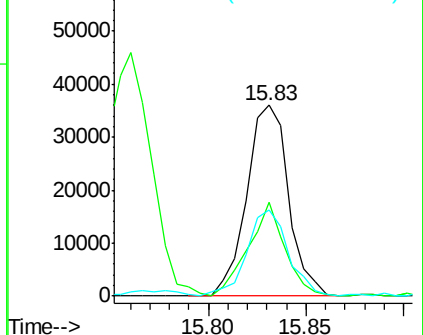
105 45.5 23.8 63.8

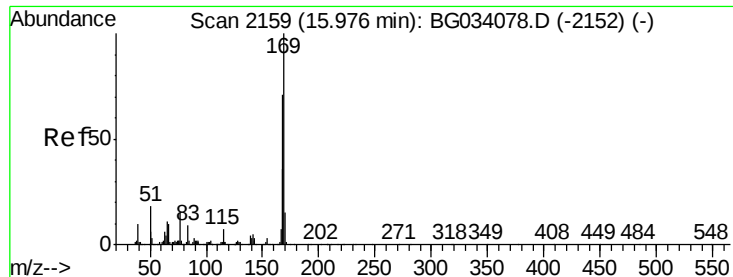


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

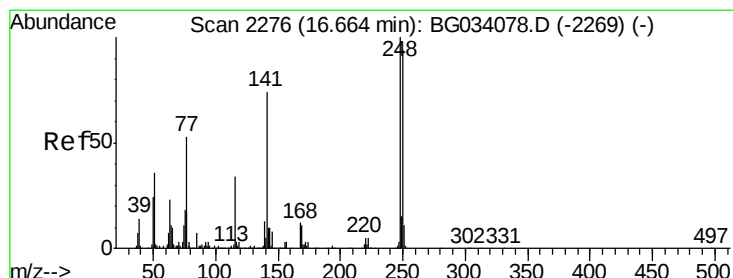
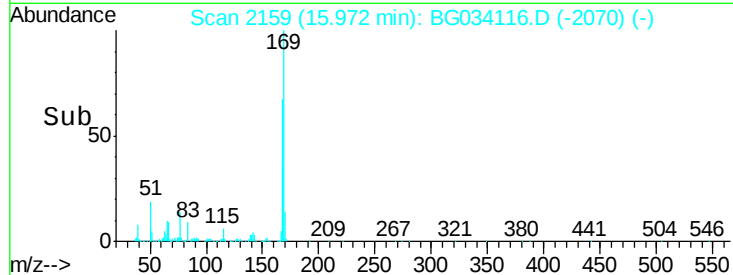
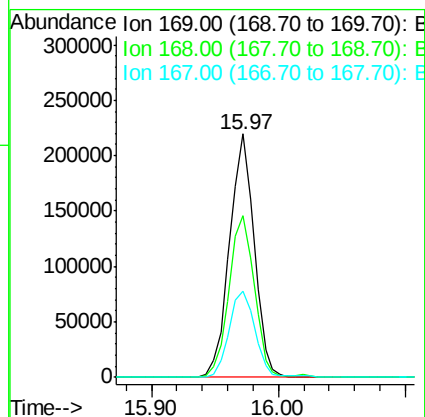
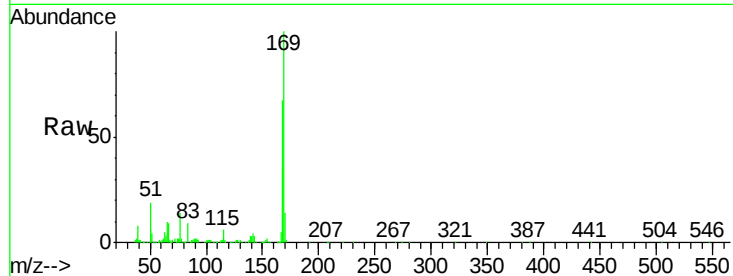




#65
n-Nitrosodiphenylamine
Concen: 19.240 ng
RT: 15.97 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

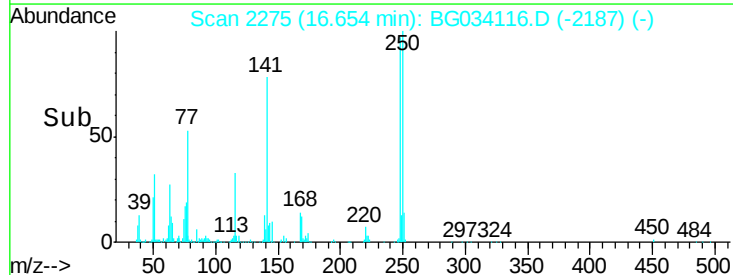
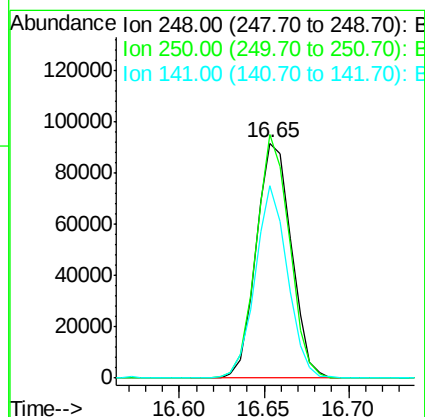
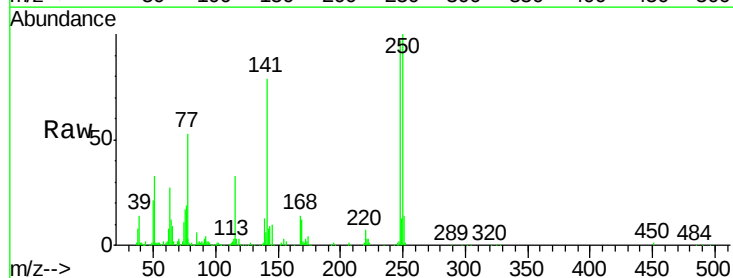
Instrument :
BNA_G
ClientSampled :

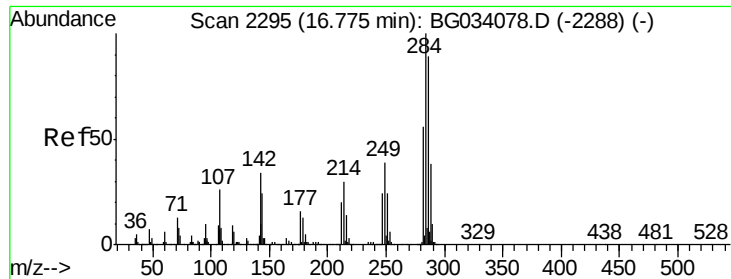
Tot Ion:169 Resp: 294751
Ion Ratio Lower Upper
169 100
168 66.6 55.7 83.5
167 35.3 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 19.037 ng
RT: 16.65 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt Ion:248 Resp: 132791
Ion Ratio Lower Upper
248 100
250 103.5 77.1 115.7
141 81.6 50.8 76.2#





#67

Hexachlorobenzene

Concen: 19.461 ng

RT: 16.77 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

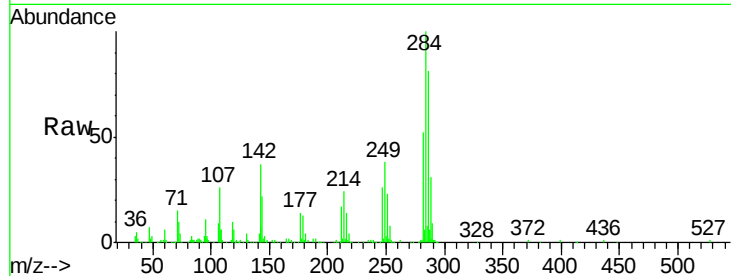
Tot Ion:284 Resp: 137801

Ion Ratio Lower Upper

284 100

142 36.8 26.8 40.2

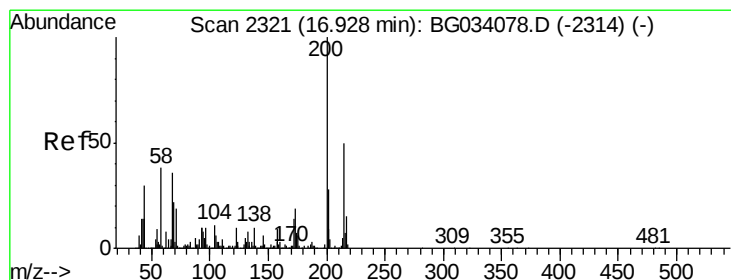
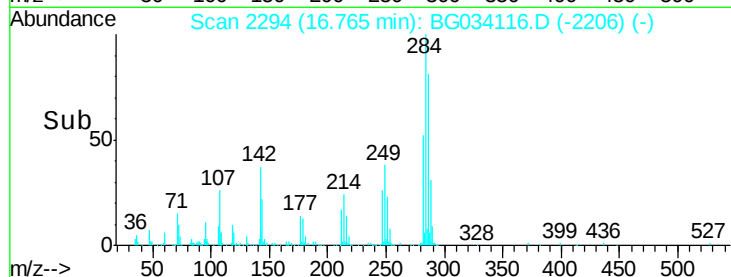
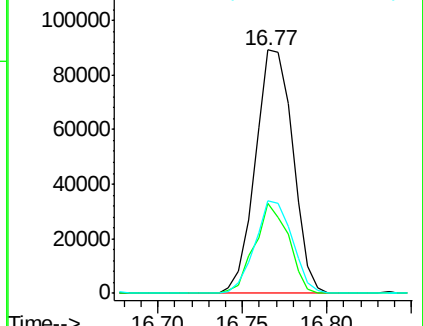
249 38.0 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 11.703 ng

RT: 16.92 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

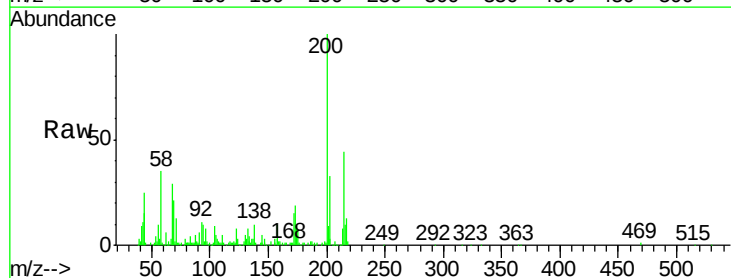
Tgt Ion:200 Resp: 94384

Ion Ratio Lower Upper

200 100

173 18.8 5.2 45.2

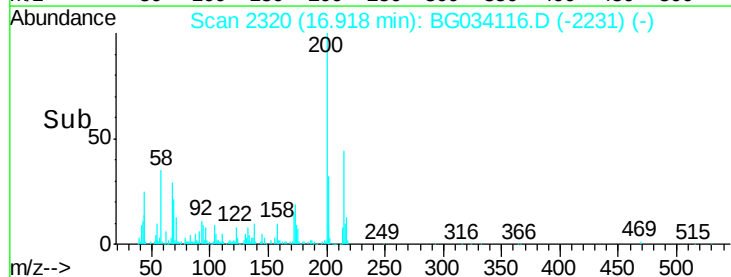
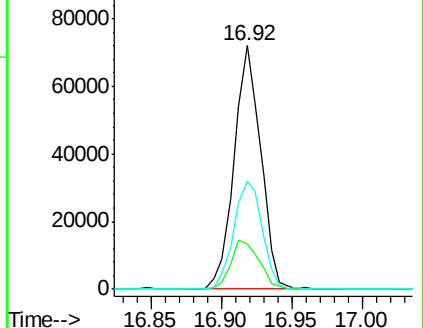
215 44.4 30.4 70.4

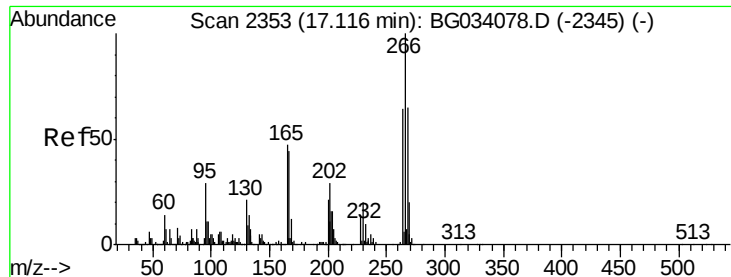


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 18.433 ng

RT: 17.11 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

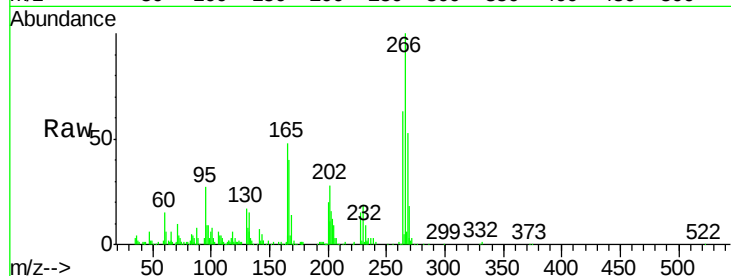
Tot Ion:266 Resp: 90971

Ion Ratio Lower Upper

266 100

268 52.8 51.1 76.7

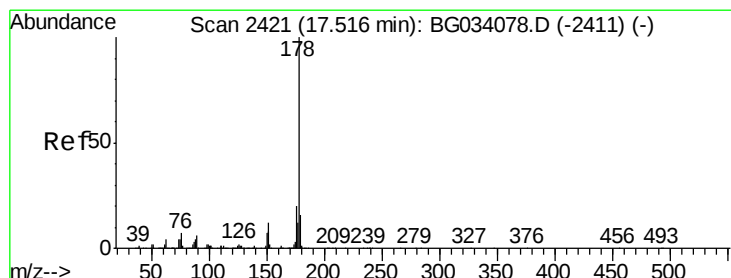
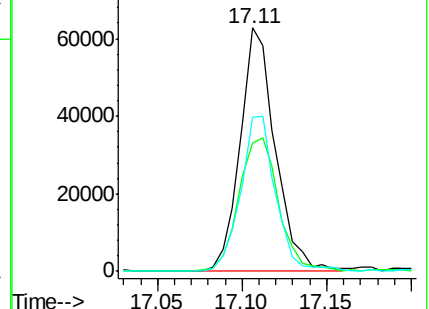
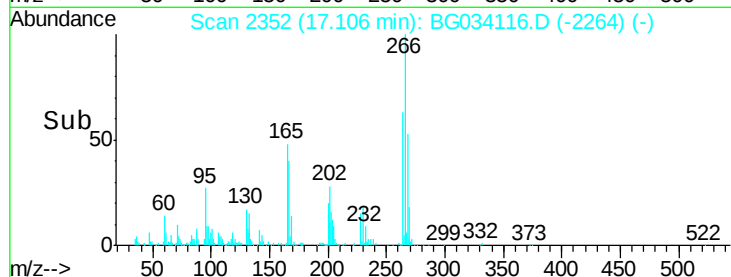
264 63.3 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 19.737 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

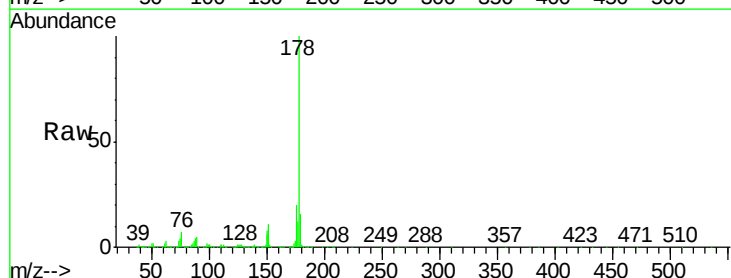
Tgt Ion:178 Resp: 569796

Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

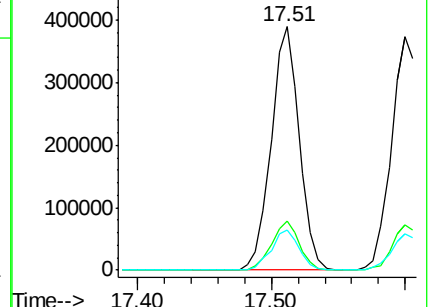
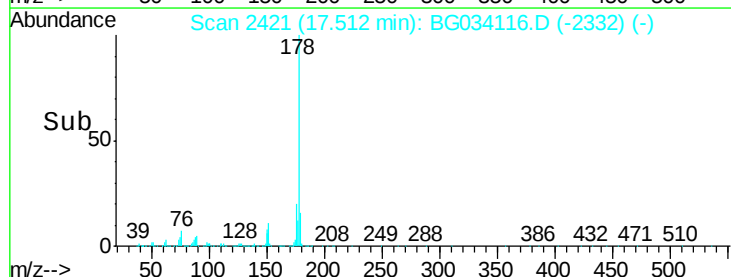
179 16.2 12.5 18.7

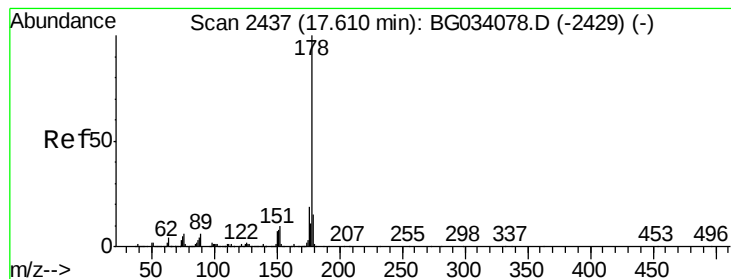


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 19.637 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

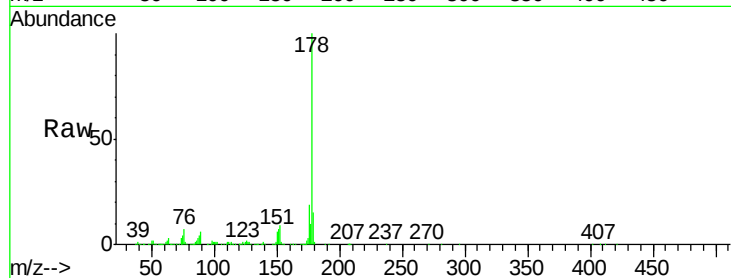
Tot Ion:178 Resp: 574549

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

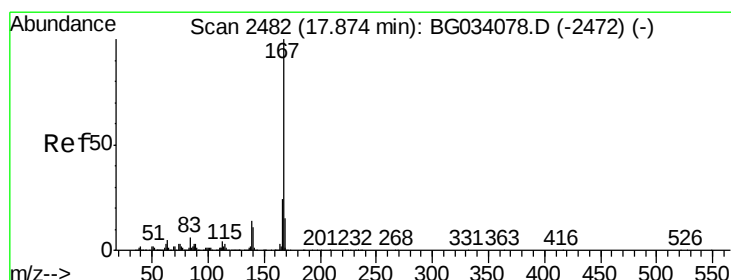
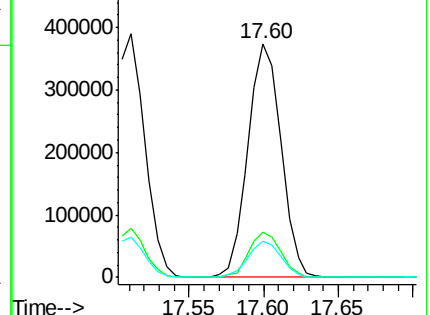
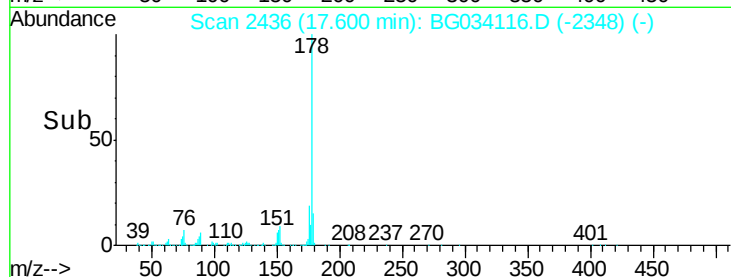
179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 20.289 ng

RT: 17.86 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

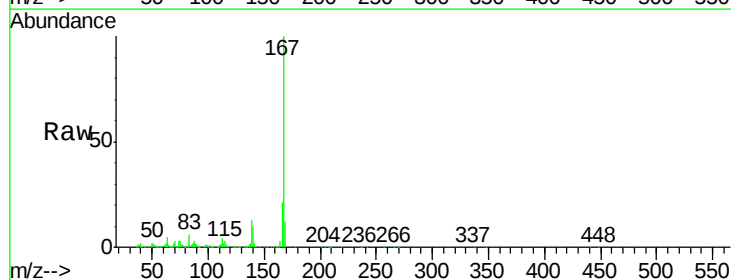
Tgt Ion:167 Resp: 543425

Ion Ratio Lower Upper

167 100

166 21.4 18.2 27.4

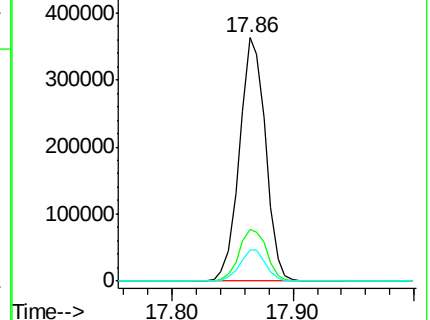
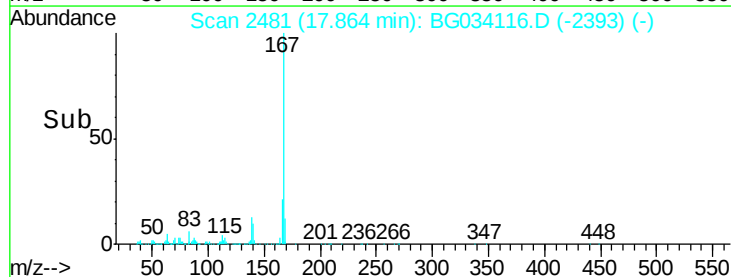
139 12.9 9.4 14.2

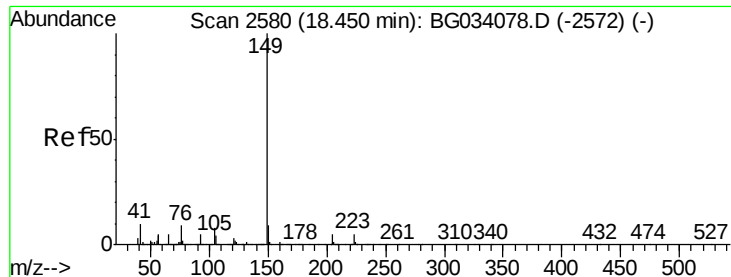


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 19.745 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

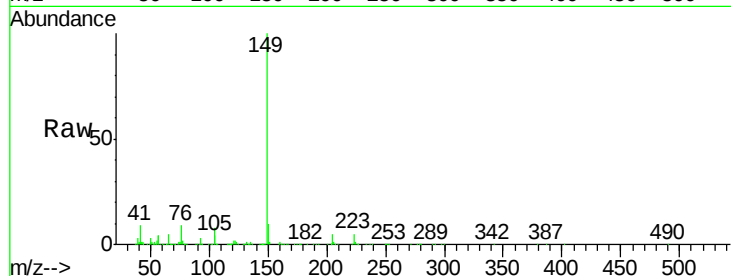
Tot Ion:149 Resp: 636565

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

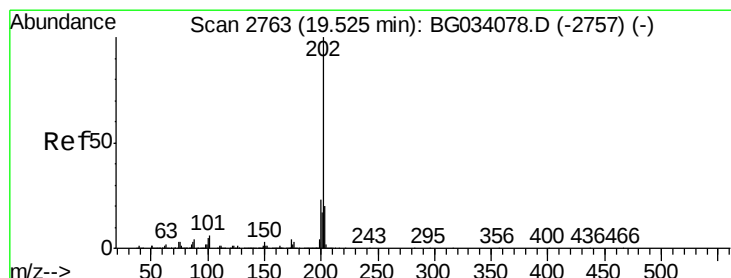
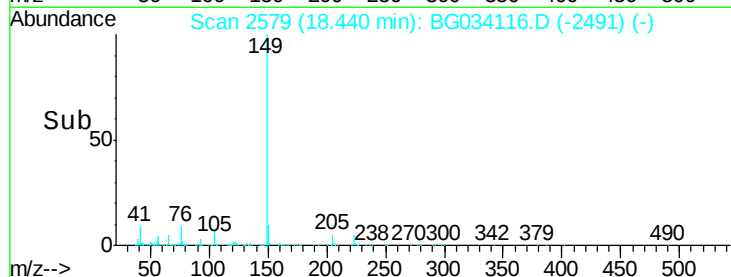
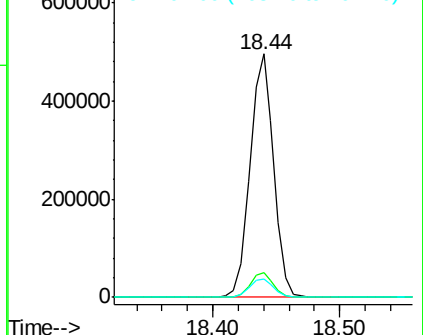
104 7.5 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 20.335 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

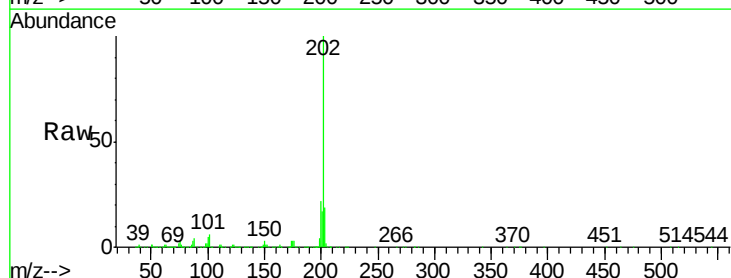
Tgt Ion:202 Resp: 741842

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.9

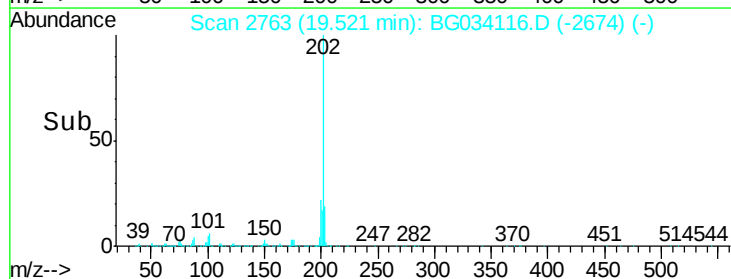
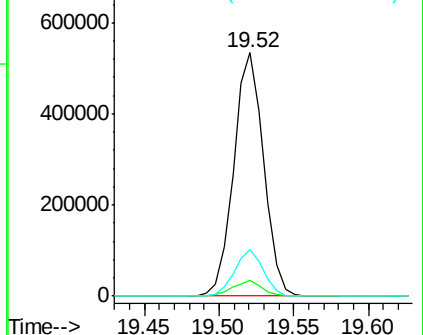
203 19.3 0.0 37.5

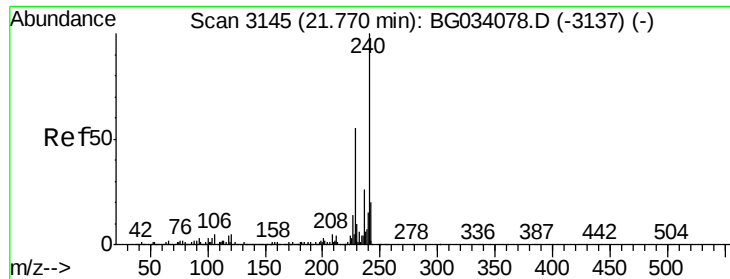


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

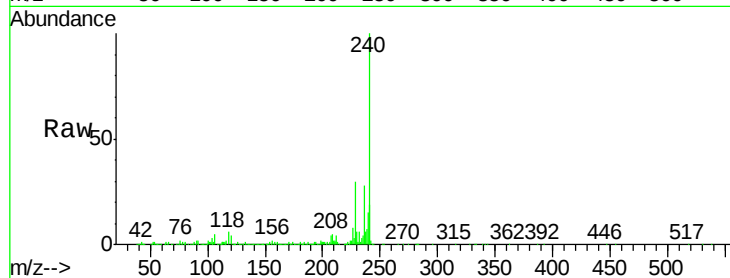
Tot Ion:240 Resp: 621184

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

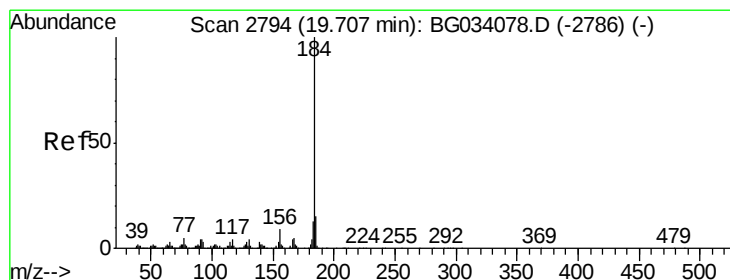
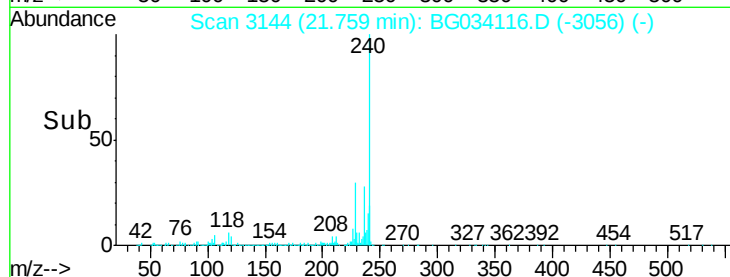
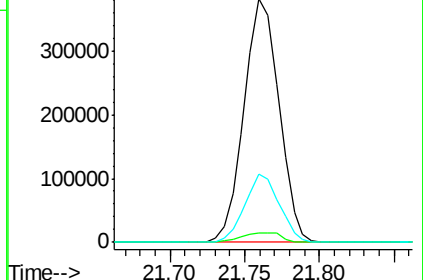
236 28.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.563 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

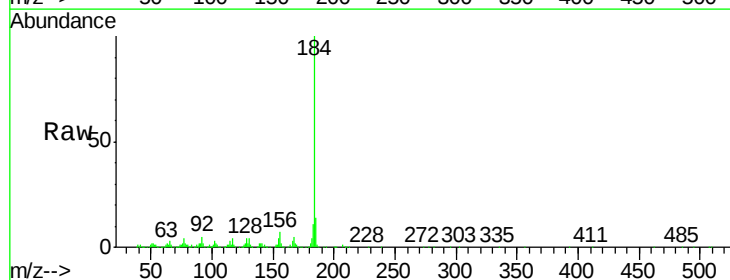
Tgt Ion:184 Resp: 249020

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

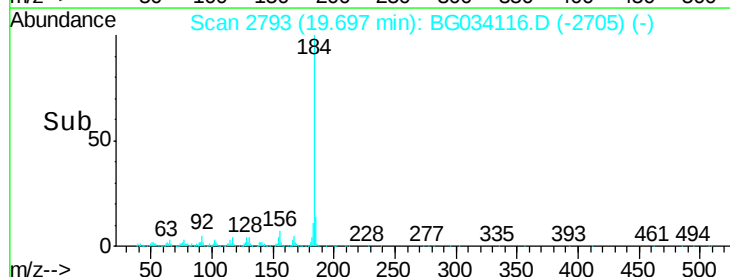
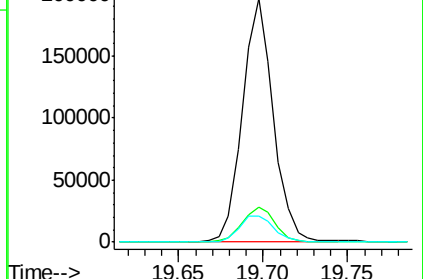
183 10.9 10.6 16.0

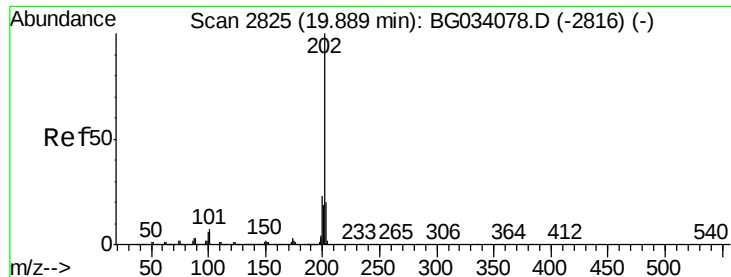


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 19.891 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

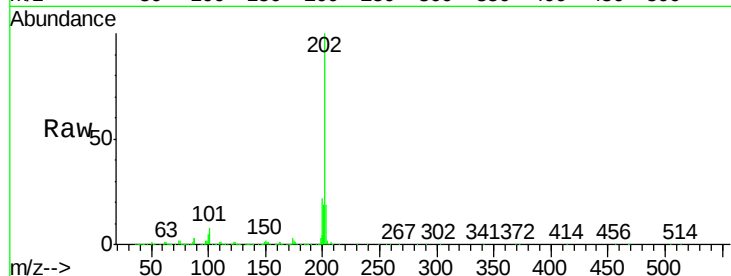
Tot Ion:202 Resp: 774137

Ion Ratio Lower Upper

202 100

200 22.2 16.9 25.3

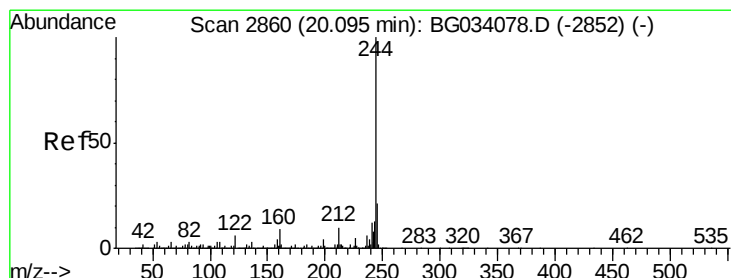
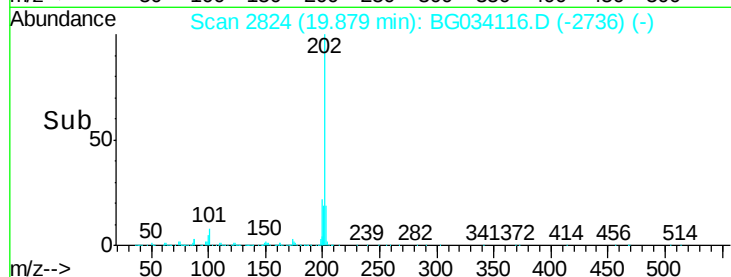
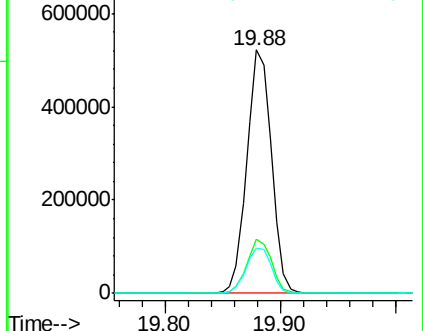
203 18.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.007 ng

RT: 20.08 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

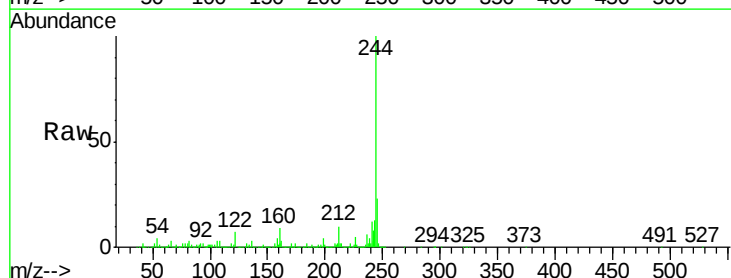
Tgt Ion:244 Resp: 2297017

Ion Ratio Lower Upper

244 100

212 10.2 5.8 8.8#

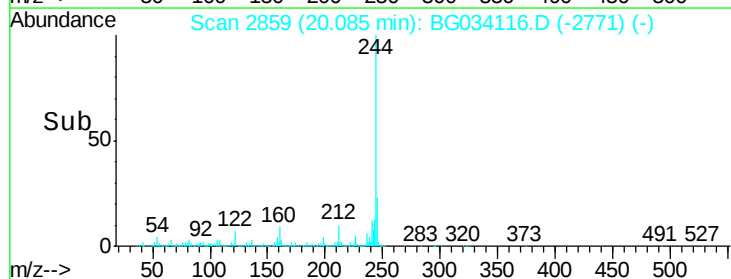
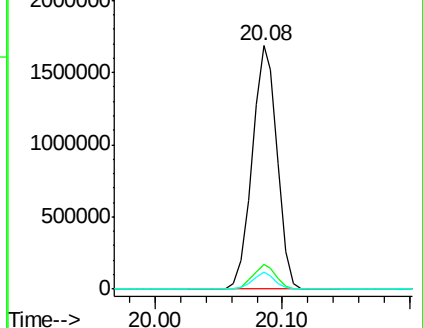
122 6.9 7.0 10.4#

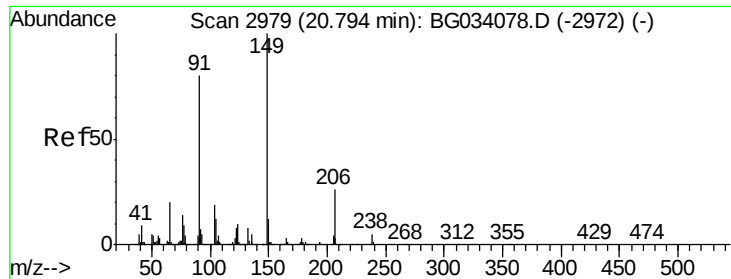


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

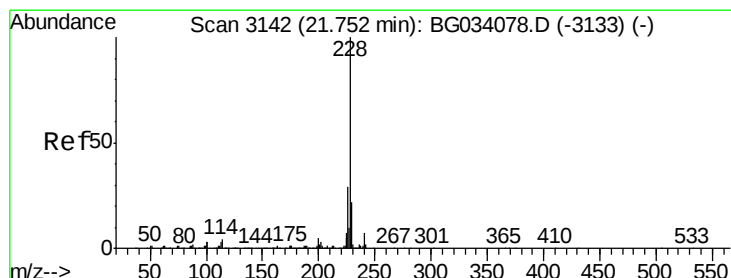
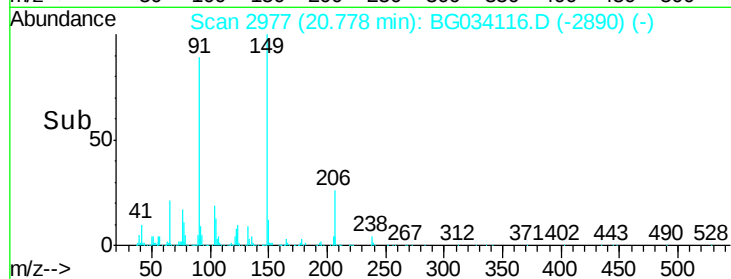
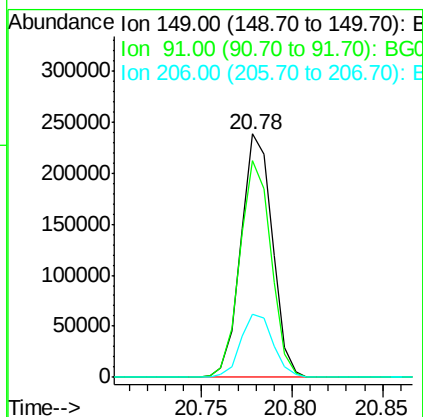
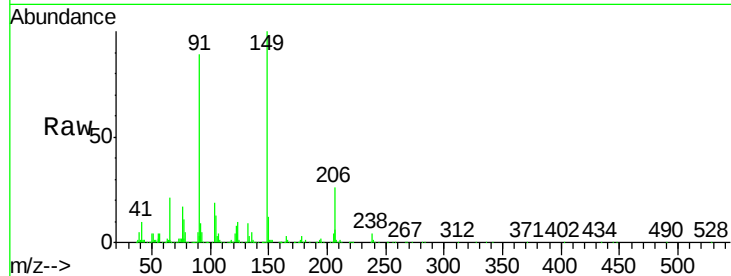




#79
Butylbenzylphthalate
Concen: 18.918 ng
RT: 20.78 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

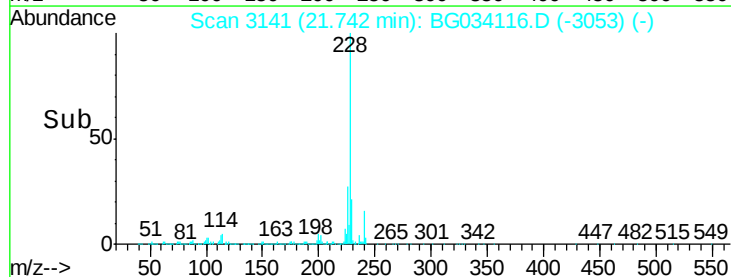
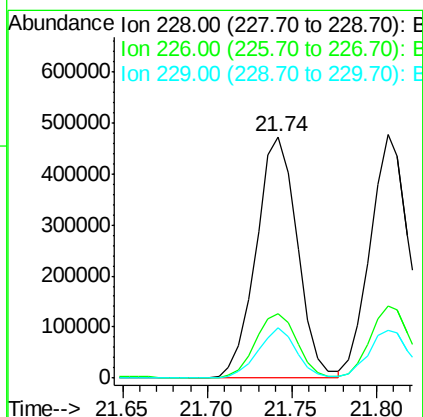
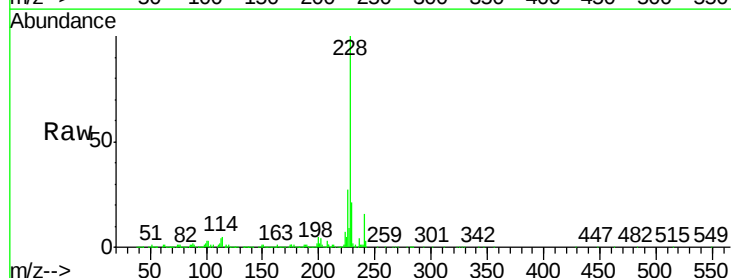
Instrument :
BNA_G
ClientSampleId :

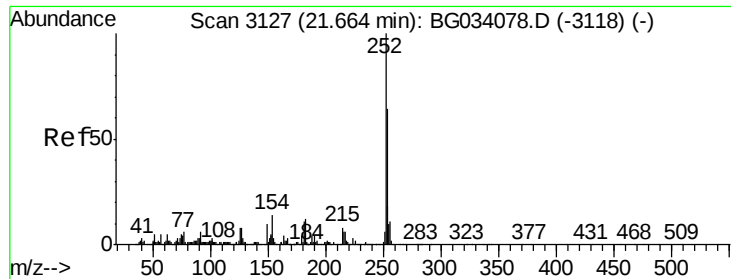
Tot Ion	Ratio	Lower	Upper
149	100		
91	89.0	62.2	93.2
206	26.0	18.6	27.8



#80
Benzo(a)anthracene
Concen: 20.081 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG034116.D
Acq: 2 May 2018 15:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.7	34.1
229	20.6	16.2	24.2

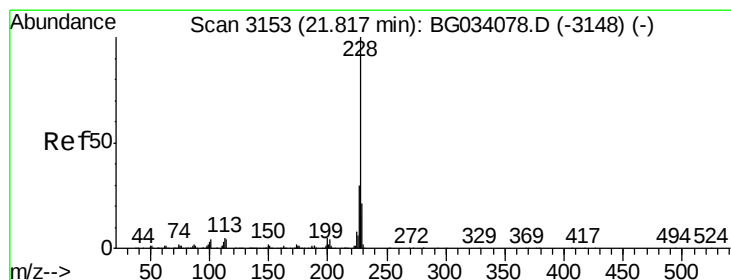
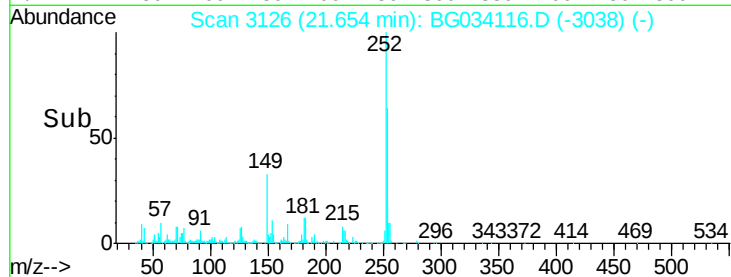
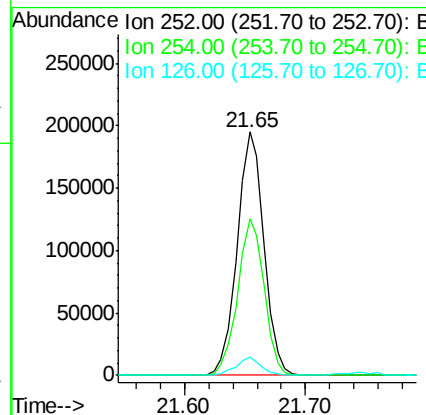
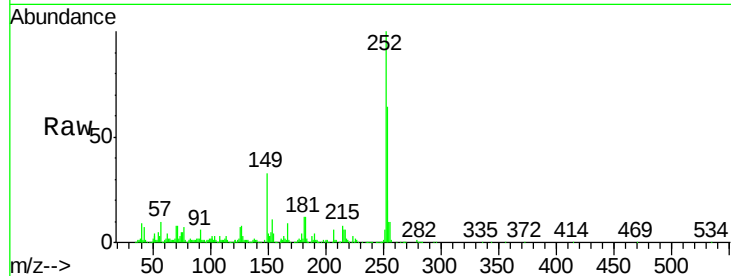




#81
 3,3'-Dichlorobenzidine
 Concen: 20.008 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

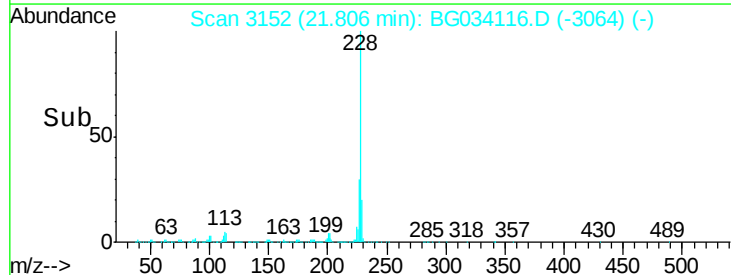
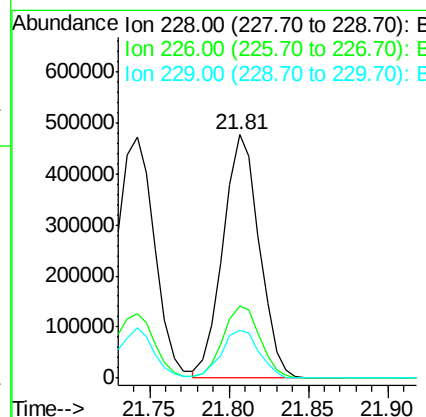
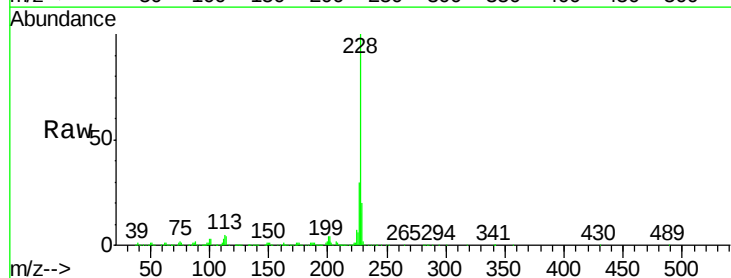
Instrument :
 BNA_G
 ClientSampled :

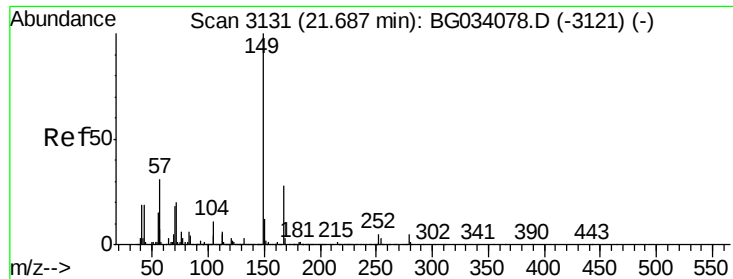
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.8	76.2
126	7.4	7.4	11.2



#82
 Chrysene
 Concen: 19.884 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	19.5	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 19.483 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

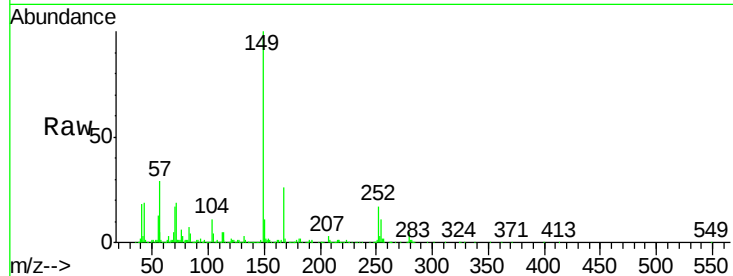
Tot Ion:149 Resp: 407384

Ion Ratio Lower Upper

149 100

167 25.5 24.3 36.5

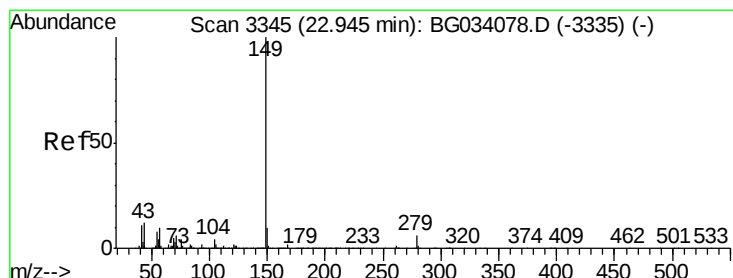
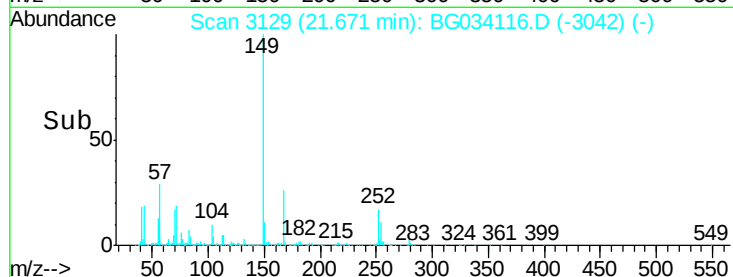
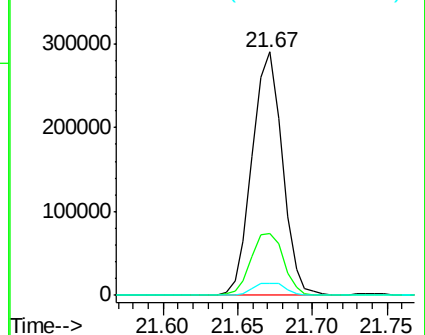
279 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 18.953 ng

RT: 22.92 min Scan# 3342

Delta R.T. -0.02 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

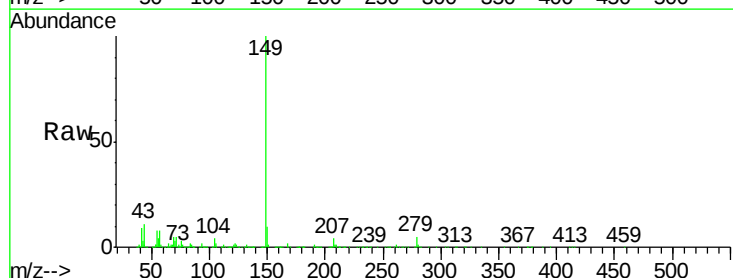
Tgt Ion:149 Resp: 632989

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

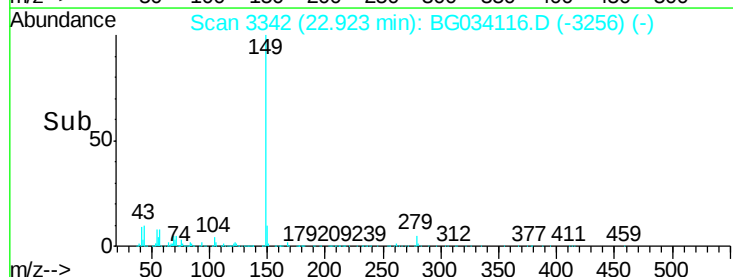
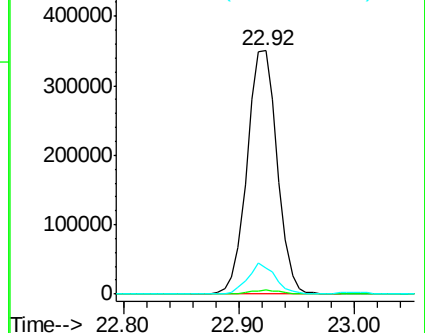
43 11.9 8.9 13.3

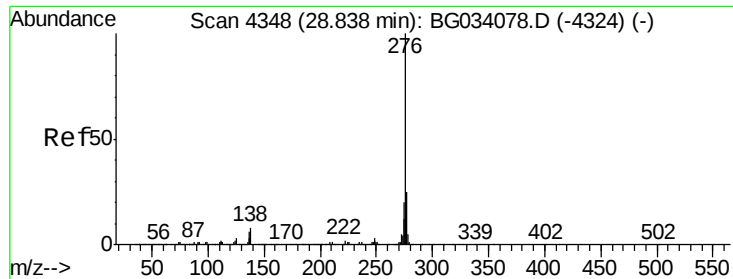


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

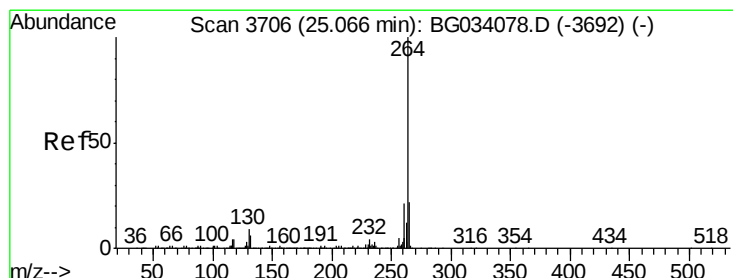
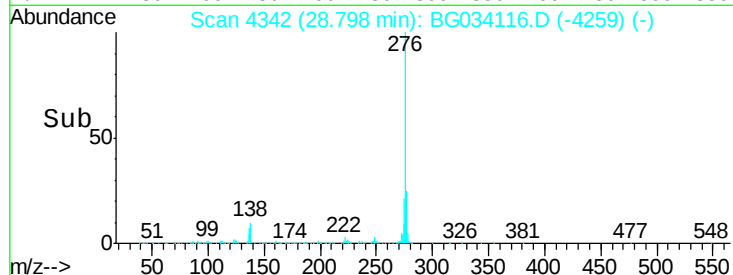
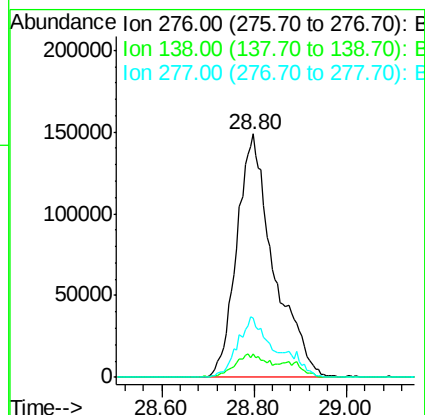
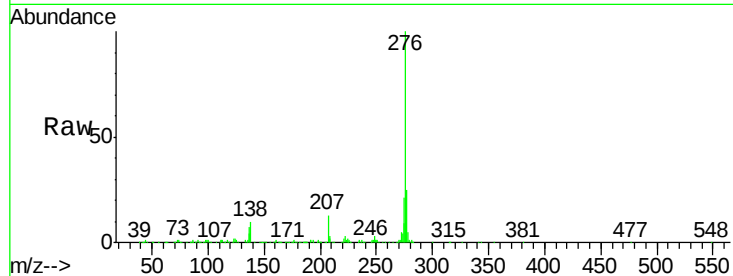




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 19.672 ng
 RT: 28.80 min Scan# 4342
 Delta R.T. -0.04 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

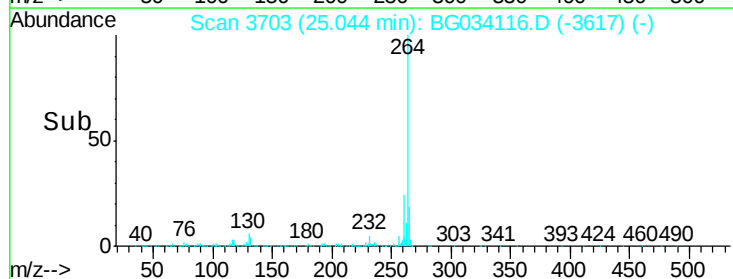
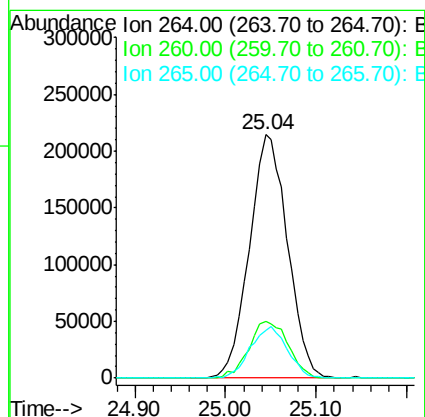
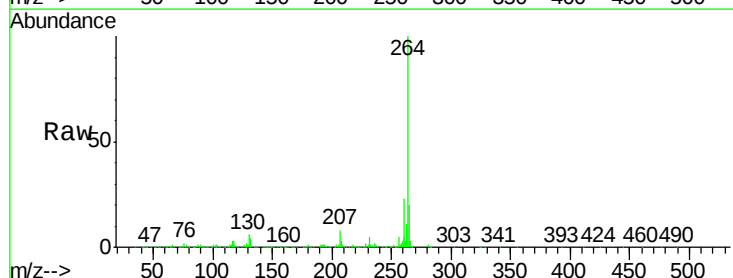
Instrument :
 BNA_G
 ClientSampleId :

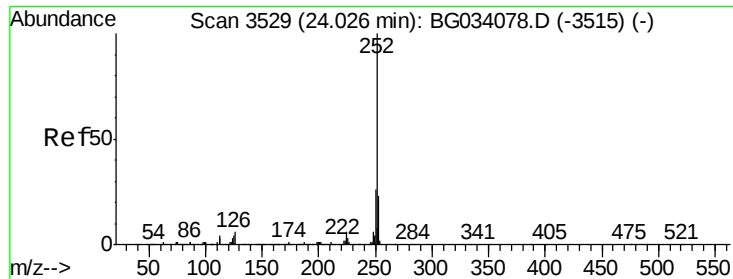
Tot Ion	Ratio	Lower	Upper
276	100		
138	4.1	16.0	24.0#
277	21.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3703
 Delta R.T. -0.02 min
 Lab File: BG034116.D
 Acq: 2 May 2018 15:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	19.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 19.584 ng

RT: 24.00 min Scan# 3526

Delta R.T. -0.02 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

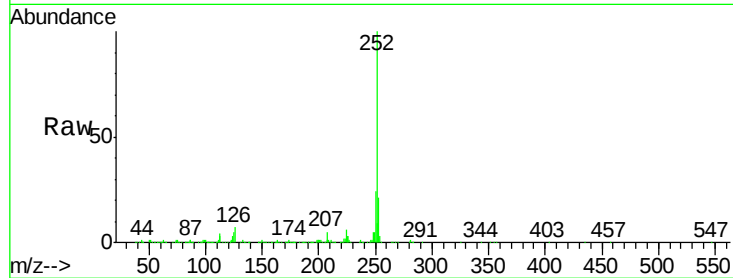
Tot Ion:252 Resp: 772392

Ion Ratio Lower Upper

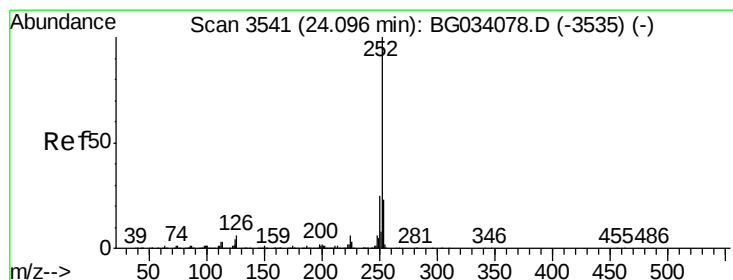
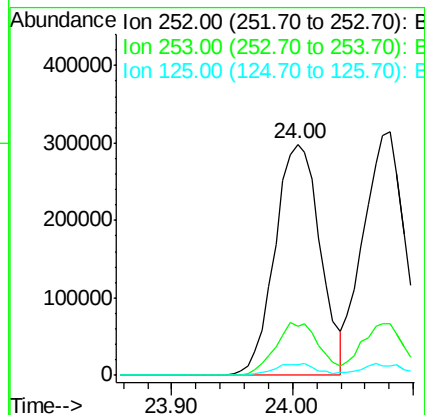
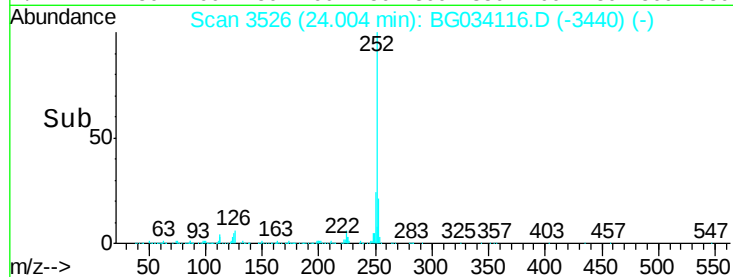
252 100

253 21.5 18.2 27.4

125 4.6 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 20.084 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.02 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

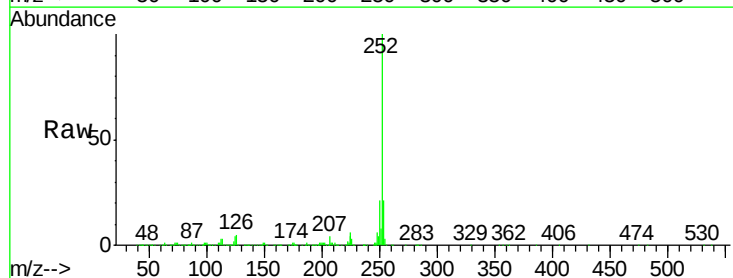
Tgt Ion:252 Resp: 757071

Ion Ratio Lower Upper

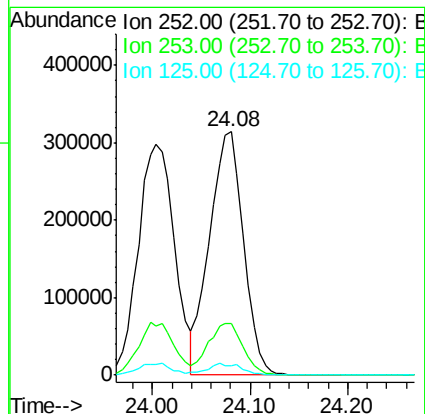
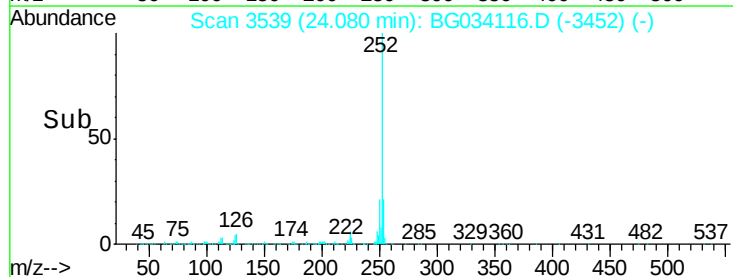
252 100

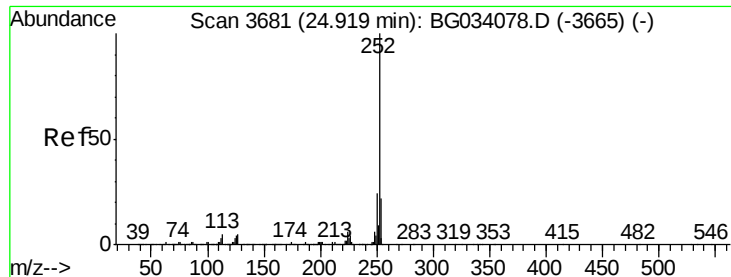
253 21.5 17.4 26.2

125 4.0 6.6 9.8#



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





#89

Benzo(a)pyrene

Concen: 19.566 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :

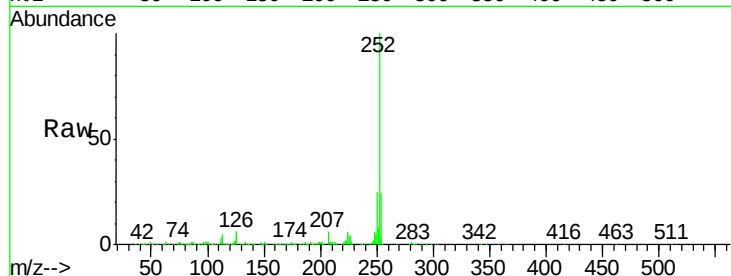
Tot Ion:252 Resp: 721985

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.3	27.5
125	5.5	7.3	10.9#

252 100

253 23.7 18.3 27.5

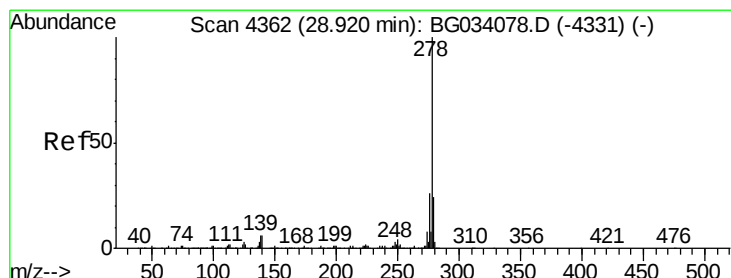
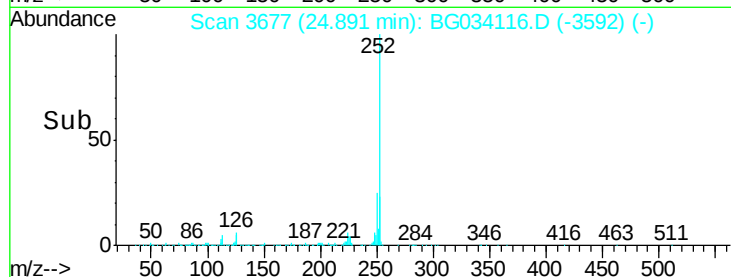
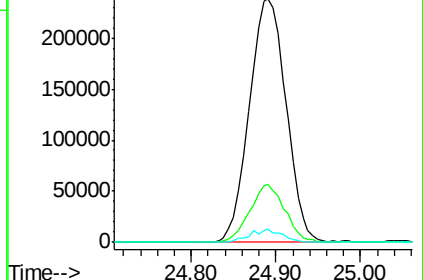
125 5.5 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 19.611 ng

RT: 28.87 min Scan# 4355

Delta R.T. -0.05 min

Lab File: BG034116.D

Acq: 2 May 2018 15:01

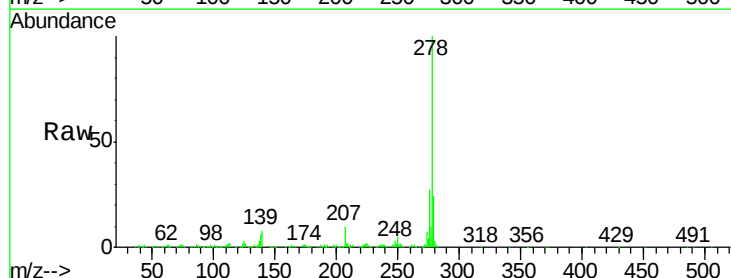
Tgt Ion:278 Resp: 682135

Ion	Ratio	Lower	Upper
278	100		
139	7.8	9.8	14.6#
279	24.2	18.4	27.6

278 100

139 7.8 9.8 14.6#

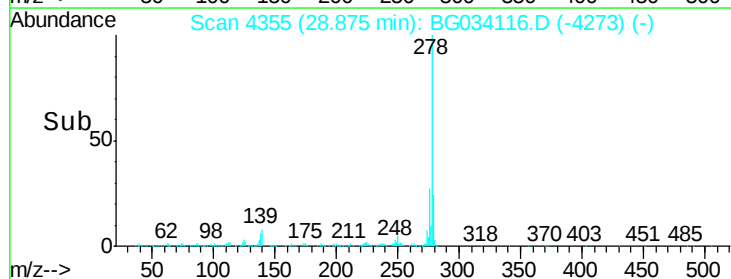
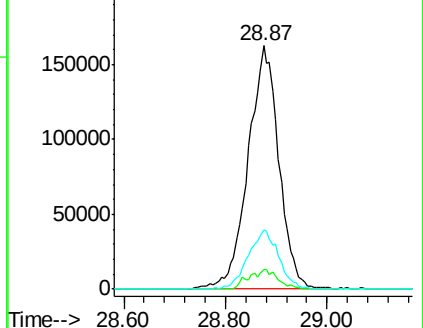
279 24.2 18.4 27.6

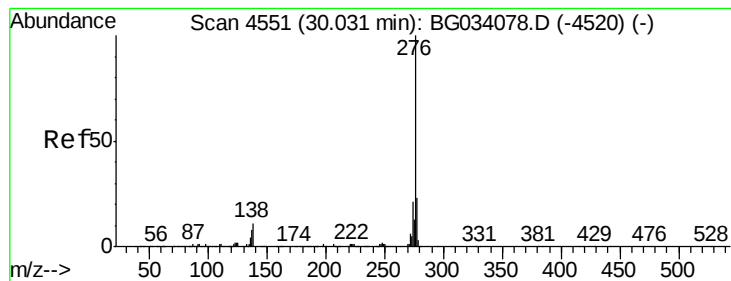


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 19.140 ng

RT: 29.96 min Scan# 4540

Delta R.T. -0.07 min

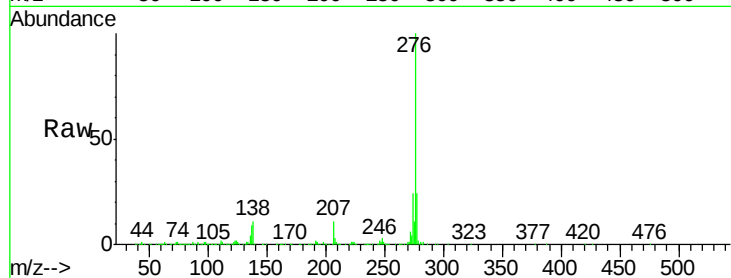
Lab File: BG034116.D

Acq: 2 May 2018 15:01

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	276	Resp:	656203
Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	10.6	13.9	20.9

