

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033161.D
 Acq On : 15 Mar 2018 1:57
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 04:43:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	46966	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	229823	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	144837	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	340818	20.00	ng	0.00
75) Chrysene-d12	22.61	240	303886	20.00	ng	0.00
86) Perylene-d12	26.41	264	330006	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	214437	73.05	ng	0.00
7) Phenol-d6	8.00	99	307282	75.10	ng	0.00
23) Nitrobenzene-d5	10.10	82	300297	90.01	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	159769	104.91	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	722711	71.97	ng	0.00
78) Terphenyl-d14	20.76	244	1019440	75.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	39826	31.259	ng	95
3) Pyridine	4.42	79	120059	34.189	ng	# 88
4) n-Nitrosodimethylamine	4.32	42	61600	43.754	ng	# 80
6) Aniline	8.19	93	197985	35.745	ng	98
8) 2-Chlorophenol	8.44	128	120333	37.449	ng	96
9) Benzaldehyde	8.00	77	92198	39.095	ng	93
10) Phenol	8.03	94	157193	38.109	ng	98
11) bis(2-Chloroethyl)ether	8.28	93	116541	34.552	ng	99
12) 1,3-Dichlorobenzene	8.79	146	137425	36.515	ng	97
13) 1,4-Dichlorobenzene	8.93	146	137089	36.187	ng	98
14) 1,2-Dichlorobenzene	9.27	146	133675	36.823	ng	97
15) Benzyl Alcohol	9.13	79	120433	40.035	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.42	45	233678	40.301	ng	99
17) 2-Methylphenol	9.33	107	112703	37.053	ng	97
18) Hexachloroethane	10.02	117	48955	37.954	ng	# 81
19) n-Nitroso-di-n-propylamine	9.71	70	111999	38.771	ng	# 91
20) 3+4-Methylphenols	9.67	107	168596	39.864	ng	97
22) Acetophenone	9.74	105	208785	35.972	ng	# 99
24) Nitrobenzene	10.14	77	156233	43.341	ng	96
25) Isophorone	10.67	82	299758	37.160	ng	96
26) 2-Nitrophenol	10.87	139	77012	56.089	ng	96
27) 2,4-Dimethylphenol	10.90	122	122663	35.004	ng	93
28) bis(2-Chloroethoxy)methane	11.14	93	162228	34.522	ng	97
29) 2,4-Dichlorophenol	11.41	162	126412	39.747	ng	93
30) 1,2,4-Trichlorobenzene	11.63	180	139596	37.444	ng	98
31) Naphthalene	11.83	128	432973	36.054	ng	99
32) Benzoic acid	11.01	122	24632	18.212	ng	# 80
33) 4-Chloroaniline	11.93	127	195152	36.344	ng	98
34) Hexachlorobutadiene	12.10	225	83472	39.916	ng	96
35) Caprolactam	12.69	113	52729	41.405	ng	93
36) 4-Chloro-3-methylphenol	12.99	107	159900	43.203	ng	96
37) 2-Methylnaphthalene	13.39	142	324484	37.347	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	162719	37.846	ng	# 97
40) Hexachlorocyclopentadiene	13.71	237	87949	40.137	ng	92

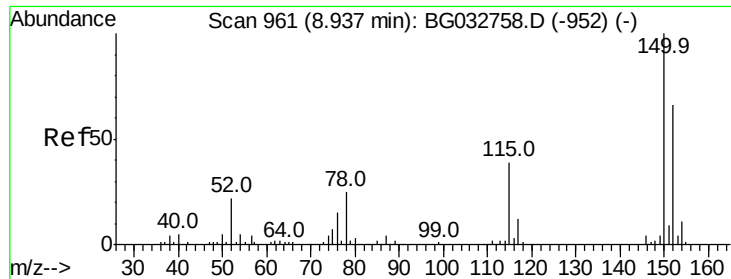
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033161.D
 Acq On : 15 Mar 2018 1:57
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
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Quant Time: Mar 15 04:43:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	113624	41.905	ng	96
43) 2,4,5-Trichlorophenol	14.04	196	129547	41.281	ng	97
45) 1,1'-Biphenyl	14.35	154	445151	35.172	ng	98
46) 2-Chloronaphthalene	14.41	162	331989	35.115	ng	96
47) 2-Nitroaniline	14.60	65	123767	51.108	ng	95
48) Acenaphthylene	15.25	152	559337	36.136	ng	99
49) Dimethylphthalate	14.94	163	452140	36.765	ng	99
50) 2,6-Dinitrotoluene	15.08	165	99018	48.526	ng	92
51) Acenaphthene	15.58	154	345997	35.892	ng	95
52) 3-Nitroaniline	15.41	138	110774	44.620	ng	# 86
53) 2,4-Dinitrophenol	15.61	184	14822	31.363	ng	# 1
54) Dibenzofuran	15.91	168	502586	36.615	ng	92
55) 4-Nitrophenol	15.69	139	77982	42.376	ng	93
56) 2,4-Dinitrotoluene	15.85	165	139142	55.958	ng	88
57) Fluorene	16.55	166	414457	36.583	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	111816	45.893	ng	91
59) Diethylphthalate	16.28	149	485814	37.453	ng	98
60) 4-Chlorophenyl-phenylether	16.52	204	216699	39.101	ng	90
61) 4-Nitroaniline	16.56	138	115164	43.780	ng	95
62) Azobenzene	16.82	77	421623	36.334	ng	96
64) 4,6-Dinitro-2-methylphenol	16.61	198	46499	47.242	ng	95
65) n-Nitrosodiphenylamine	16.74	169	389688	35.147	ng	99
66) 4-Bromophenyl-phenylether	17.42	248	139997	38.847	ng	# 89
67) Hexachlorobenzene	17.55	284	153853	39.506	ng	96
68) Atrazine	17.66	200	130878	35.862	ng	97
69) Pentachlorophenol	17.89	266	95457	38.914	ng	99
70) Phenanthrene	18.29	178	679027	35.711	ng	98
71) Anthracene	18.38	178	681665	35.709	ng	99
72) Carbazole	18.64	167	643577	34.204	ng	# 97
73) Di-n-butylphthalate	19.13	149	810385	35.107	ng	98
74) Fluoranthene	20.24	202	755637	35.976	ng	96
76) Benzidine	20.40	184	372448	35.956	ng	98
77) Pyrene	20.60	202	767560	35.817	ng	99
79) Butylbenzylphthalate	21.46	149	348116	36.638	ng	95
80) Benzo(a)anthracene	22.58	228	699375	35.890	ng	99
81) 3,3'-Dichlorobenzidine	22.47	252	269794	37.382	ng	99
82) Chrysene	22.66	228	676401	36.337	ng	98
83) Bis(2-ethylhexyl)phthalate	22.40	149	489393	34.797	ng	96
84) Di-n-octyl phthalate	23.82	149	767289	35.792	ng	99
85) Indeno(1,2,3-cd)pyrene	30.83	276	816178	37.596	ng	# 94
87) Benzo(b)fluoranthene	25.19	252	693801	35.557	ng	99
88) Benzo(k)fluoranthene	25.27	252	699851	36.090	ng	97
89) Benzo(a)pyrene	26.23	252	670215	36.113	ng	98
90) Dibenzo(a,h)anthracene	30.91	278	685057	36.672	ng	98
91) Benzo(g,h,i)perylene	32.24	276	675140	36.663	ng	99

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

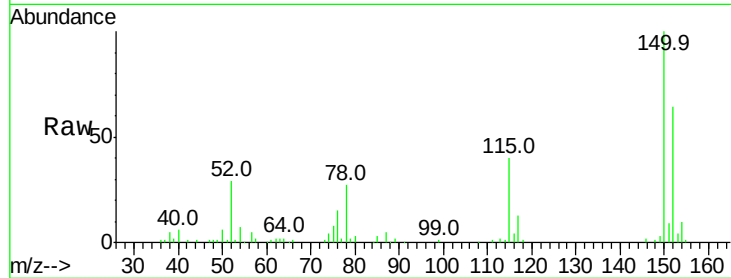


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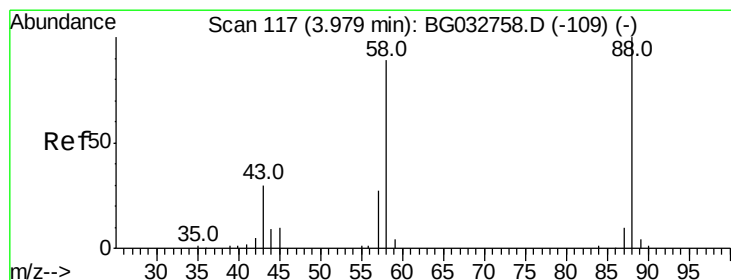
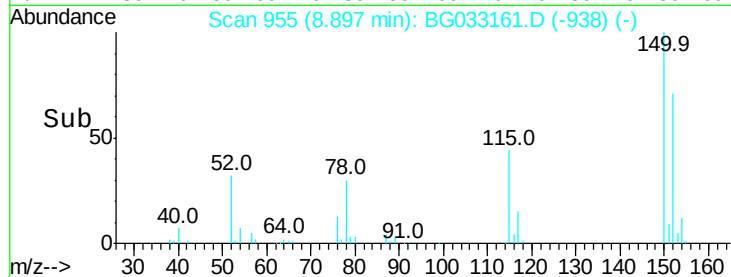
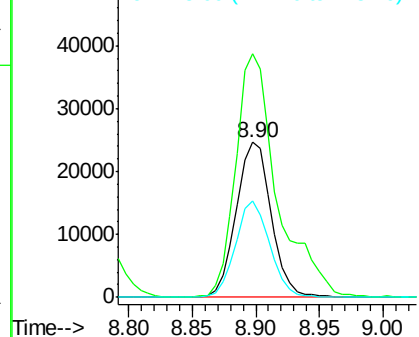
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 46966
Ion Ratio Lower Upper
152 100
150 157.1 126.6 189.8
115 62.2 53.0 79.4



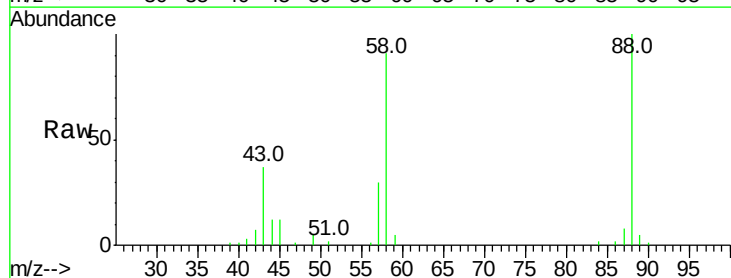
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



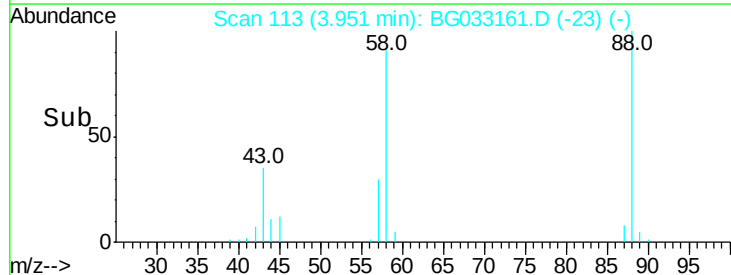
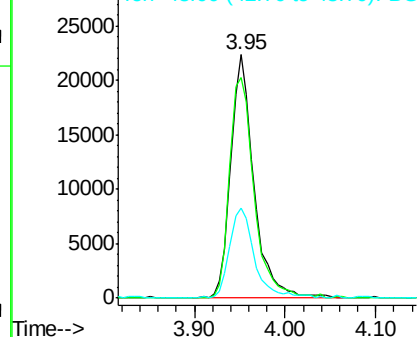
#2

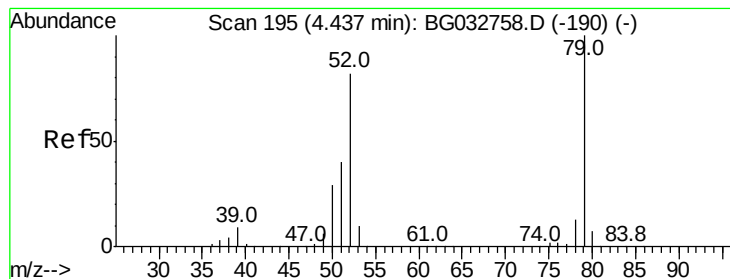
1,4-Dioxane
Concen: 31.259 ng
RT: 3.95 min Scan# 113
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Tgt Ion: 88 Resp: 39826
Ion Ratio Lower Upper
88 100
58 95.8 79.6 119.4
43 39.9 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: 34.189 ng

RT: 4.42 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

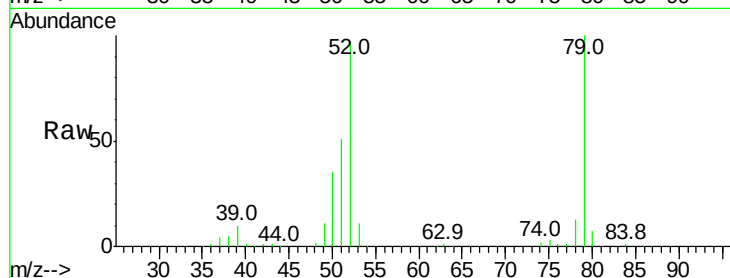
Tot Ion: 79 Resp: 120059

Ion Ratio Lower Upper

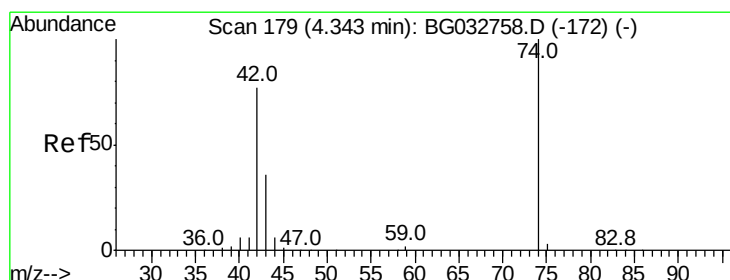
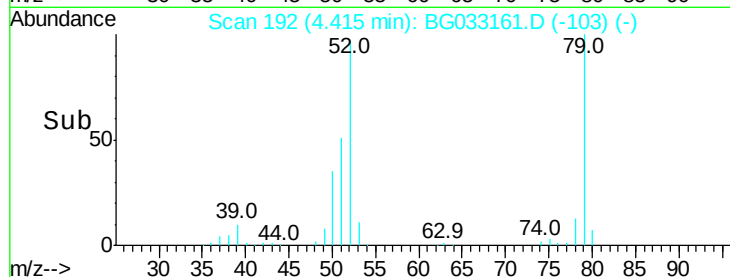
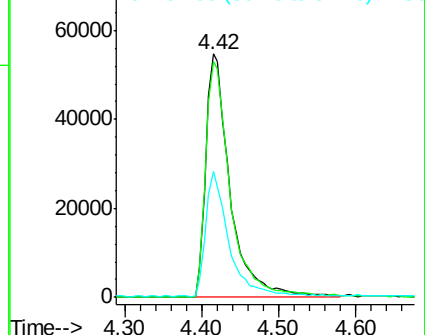
79 100

52 97.0 69.9 104.9

51 51.5 34.0 51.0#



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



#4

n-Nitrosodimethylamine

Concen: 43.754 ng

RT: 4.32 min Scan# 176

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

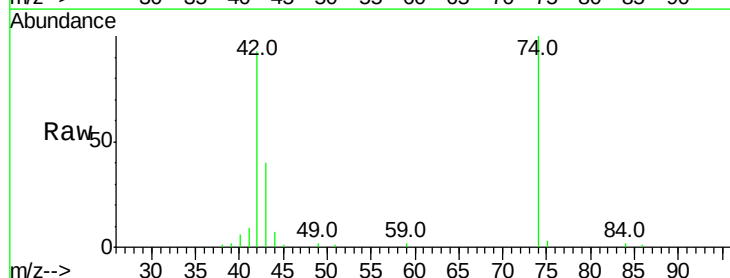
Tgt Ion: 42 Resp: 61600

Ion Ratio Lower Upper

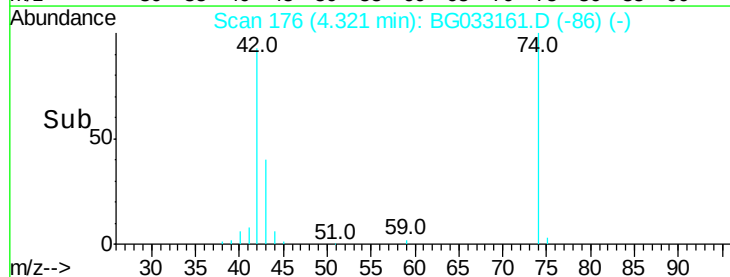
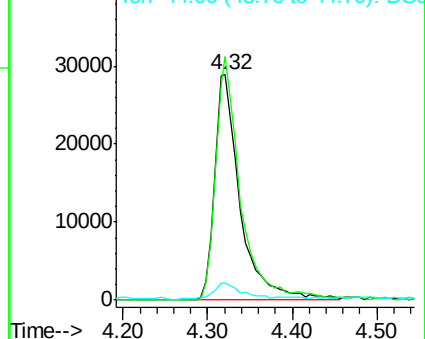
42 100

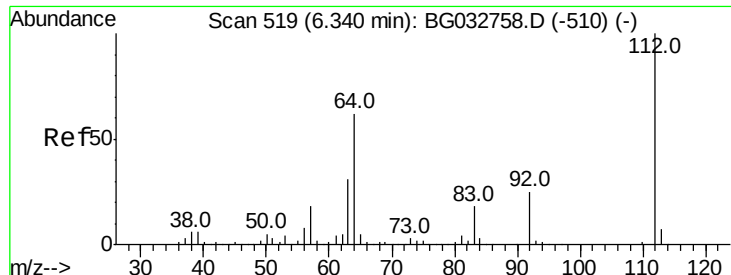
74 108.0 102.5 153.7

44 7.5 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 73.046 ng

RT: 6.32 min Scan# 516

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampled :

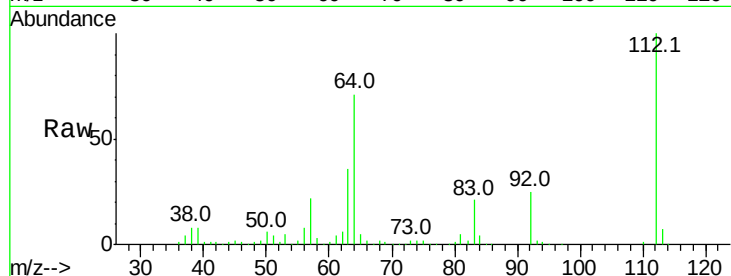
Tot Ion:112 Resp: 214437

Ion Ratio Lower Upper

112 100

64 70.9 56.3 84.5

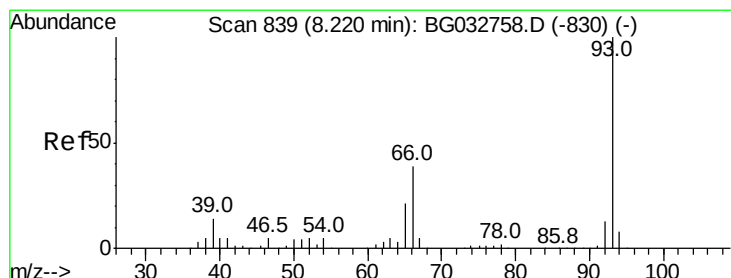
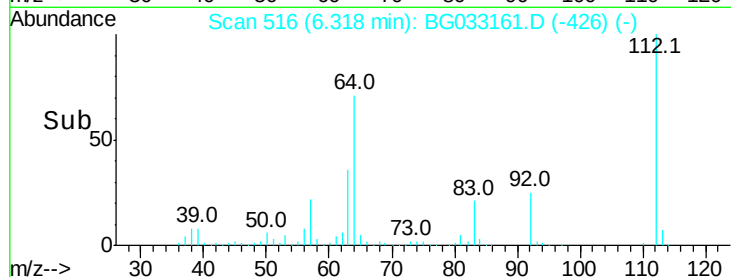
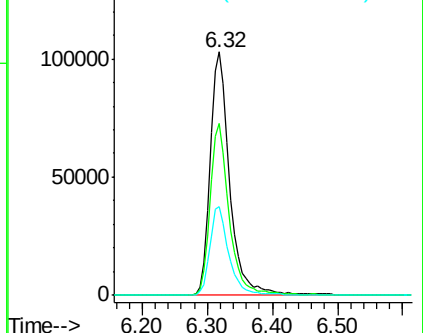
63 36.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.745 ng

RT: 8.19 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

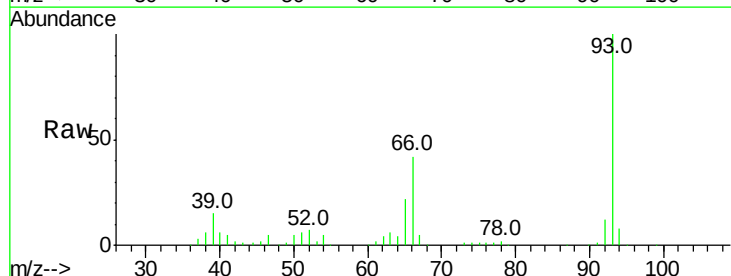
Tgt Ion: 93 Resp: 197985

Ion Ratio Lower Upper

93 100

66 41.8 33.7 50.5

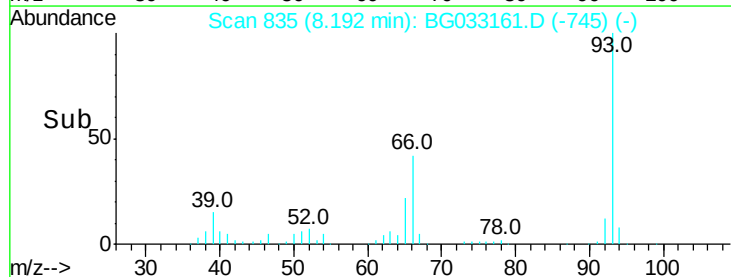
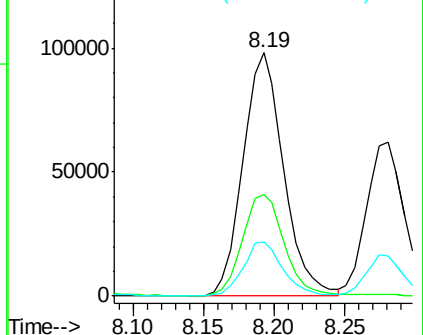
65 22.0 16.1 24.1

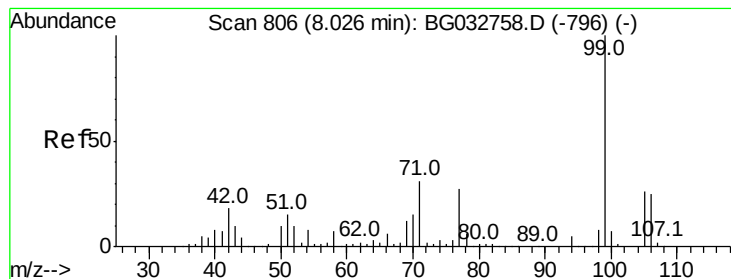


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 75.096 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

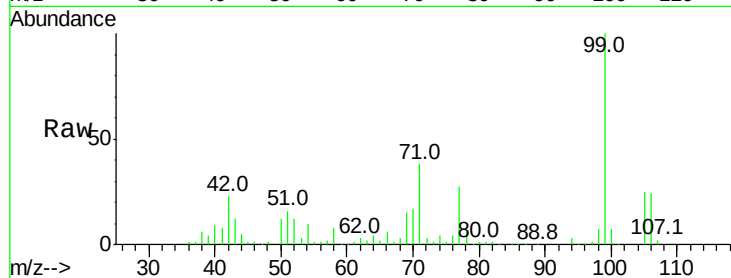
Tot Ion: 99 Resp: 307282

Ion Ratio Lower Upper

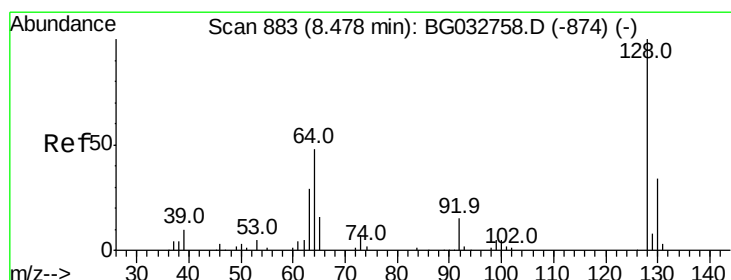
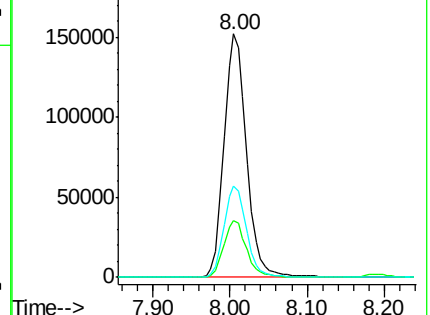
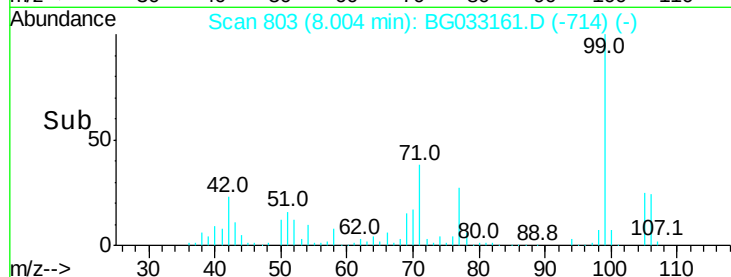
99 100

42 23.3 14.1 21.1#

71 37.6 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: 37.449 ng

RT: 8.44 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

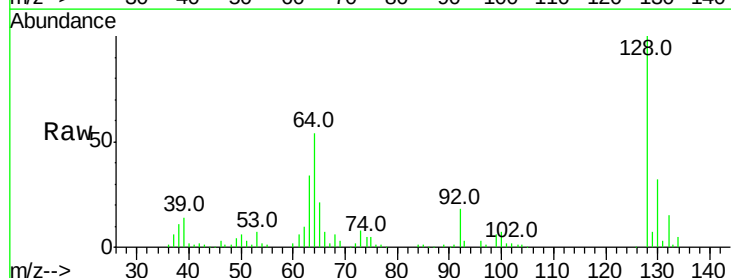
Tgt Ion: 128 Resp: 120333

Ion Ratio Lower Upper

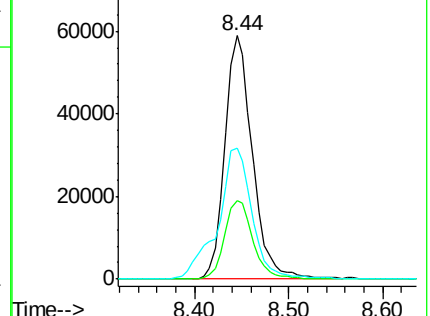
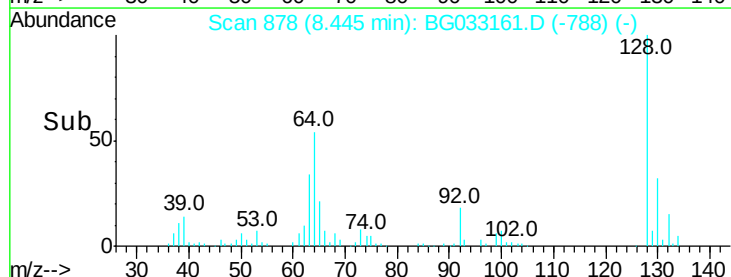
128 100

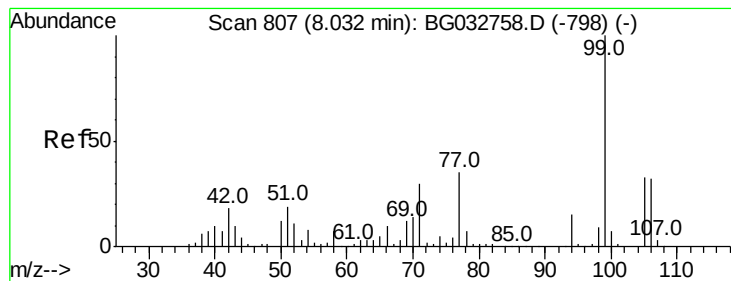
130 32.3 14.0 54.0

64 53.8 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: 39.095 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

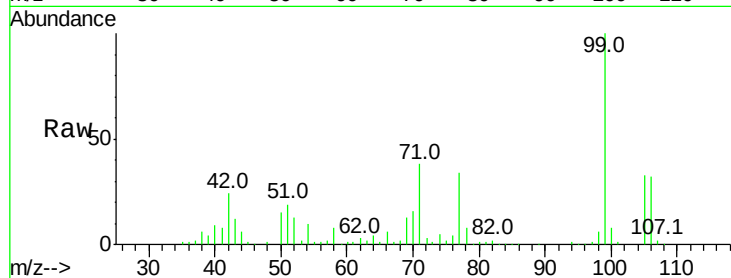
Tot Ion: 77 Resp: 92198

Ion Ratio Lower Upper

77 100

105 95.2 71.3 111.3

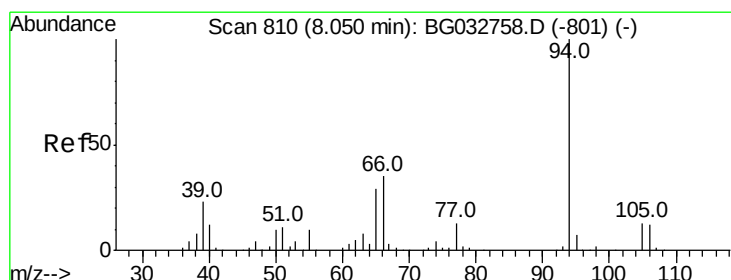
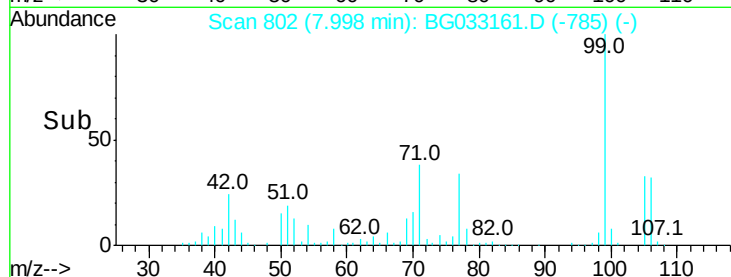
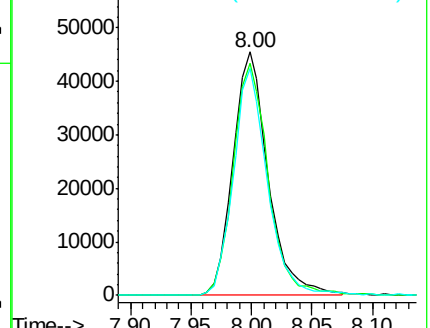
106 93.4 64.2 104.2



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: 38.109 ng

RT: 8.03 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

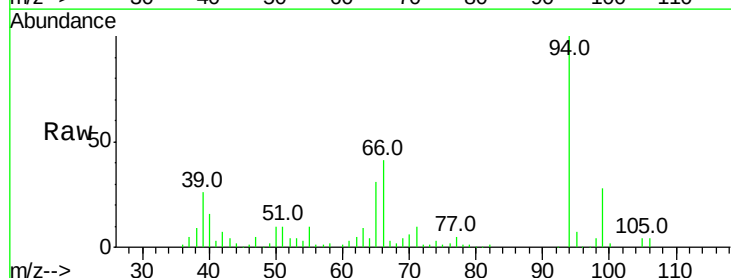
Tgt Ion: 94 Resp: 157193

Ion Ratio Lower Upper

94 100

65 30.7 11.9 51.9

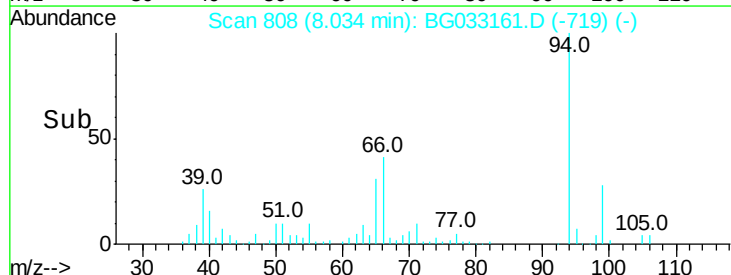
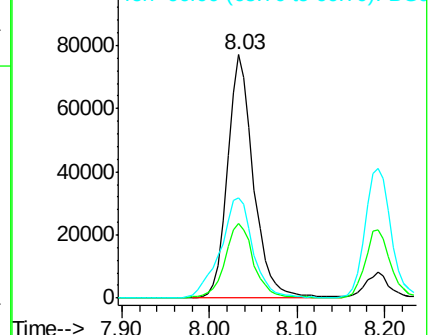
66 41.4 22.2 62.2

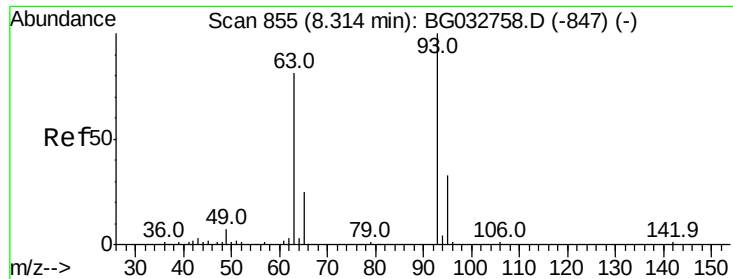


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



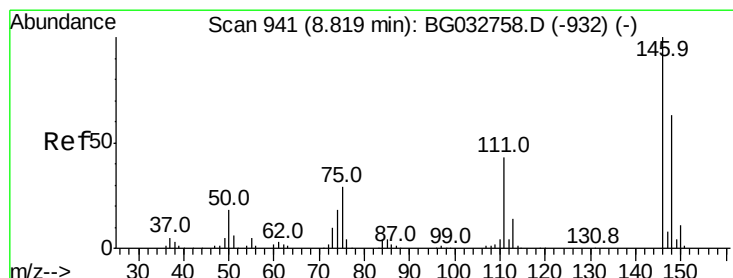
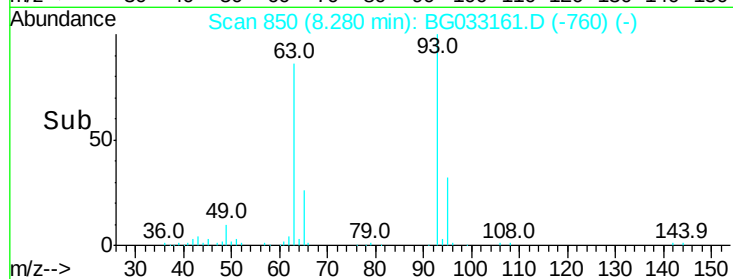
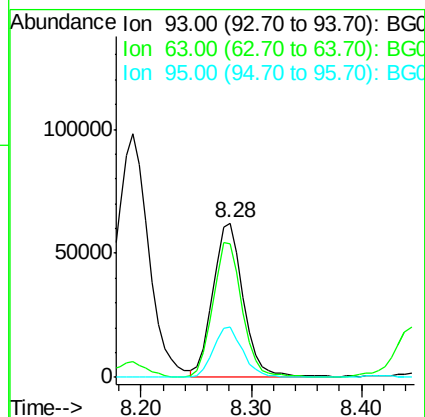
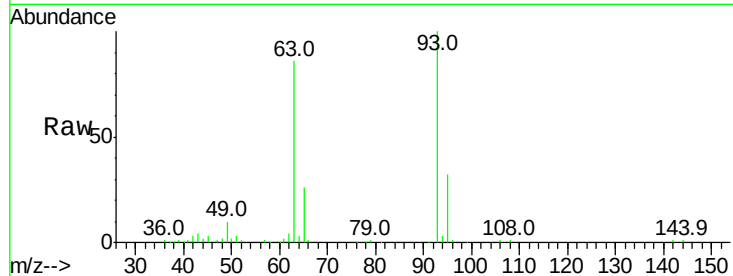


#11

bis(2-Chloroethyl)ether
Concen: 34.552 ng
RT: 8.28 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Instrument :
BNA_F
ClientSampled :

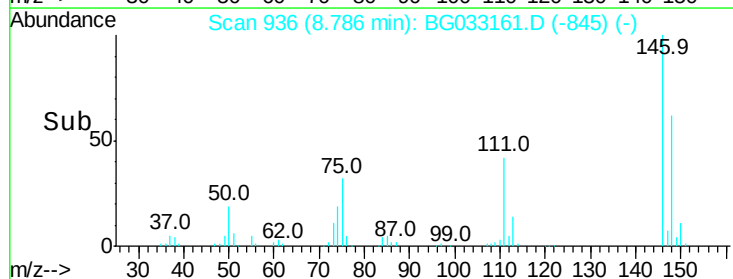
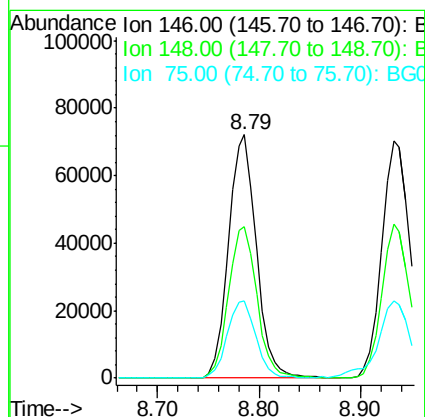
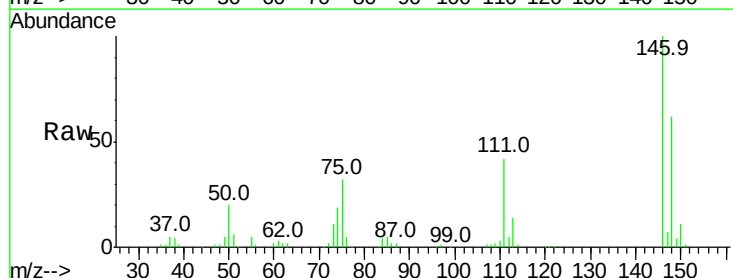
Tot Ion: 93 Resp: 116541
Ion Ratio Lower Upper
93 100
63 86.5 67.1 107.1
95 32.4 11.5 51.5

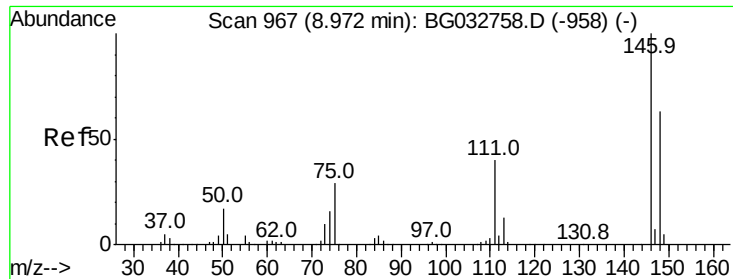


#12

1,3-Dichlorobenzene
Concen: 36.515 ng
RT: 8.79 min Scan# 936
Delta R.T. 0.01 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Tgt Ion: 146 Resp: 137425
Ion Ratio Lower Upper
146 100
148 62.2 51.4 77.2
75 31.8 26.6 39.8

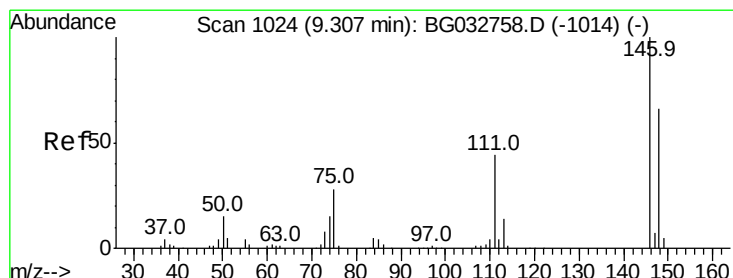
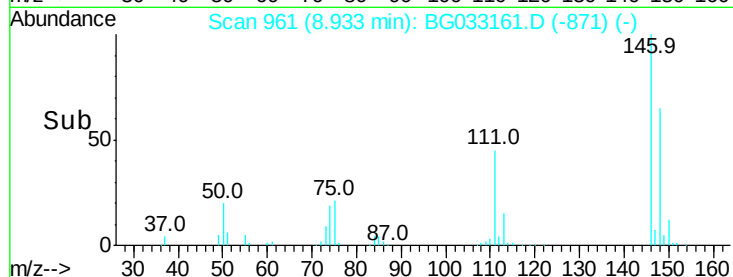
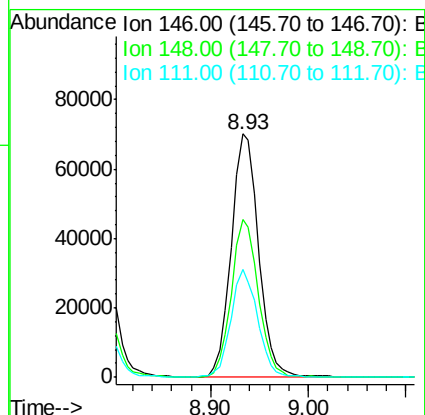
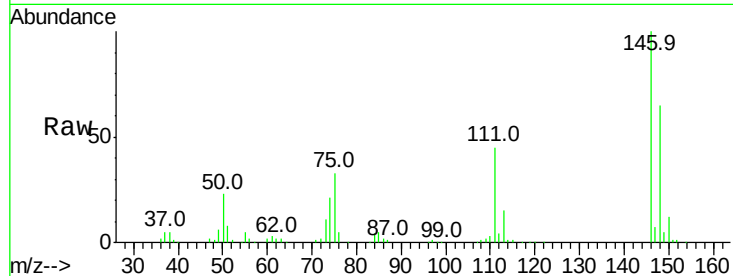




#13
 1,4-Dichlorobenzene
 Concen: 36.187 ng
 RT: 8.93 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

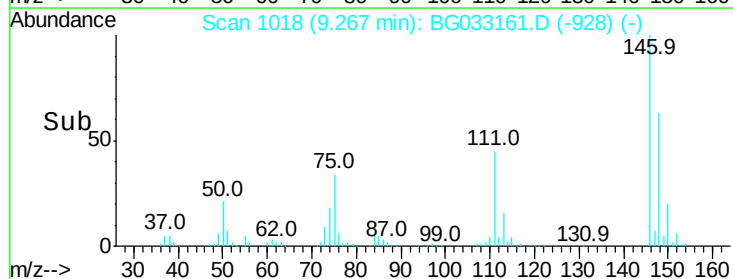
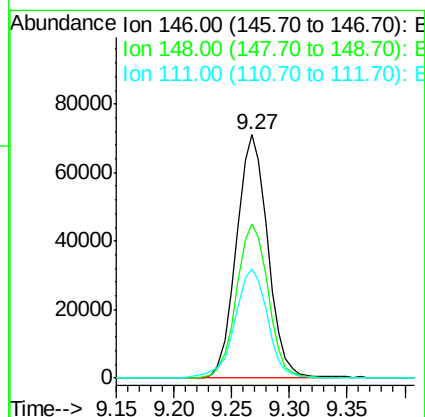
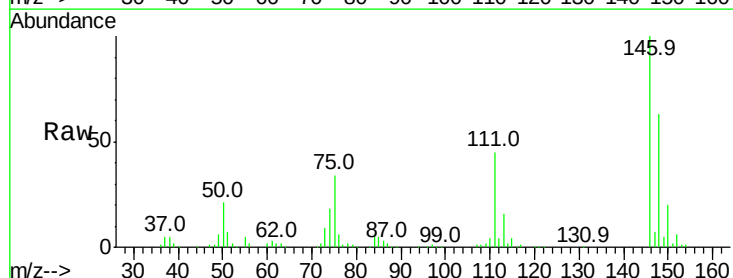
Instrument :
 BNA_F
 ClientSampled :

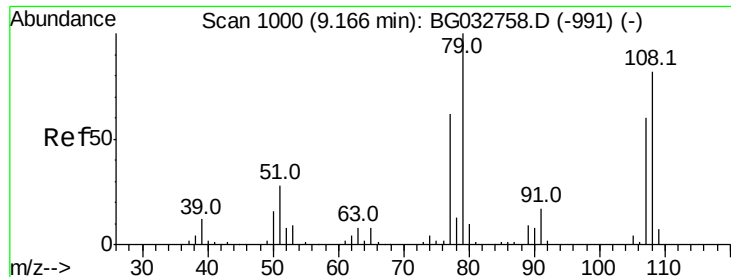
Tot Ion:146 Resp: 137089
 Ion Ratio Lower Upper
 146 100
 148 65.1 53.7 80.5
 111 44.5 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 36.823 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Tgt Ion:146 Resp: 133675
 Ion Ratio Lower Upper
 146 100
 148 63.4 49.3 73.9
 111 45.1 34.3 51.5

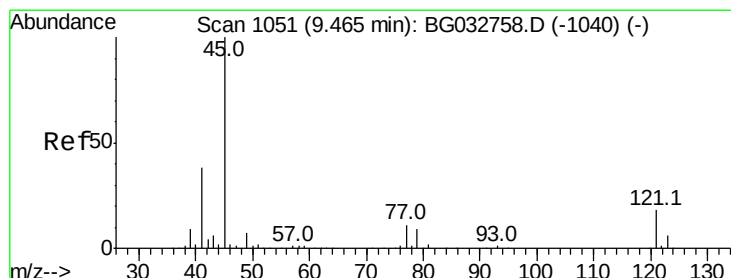
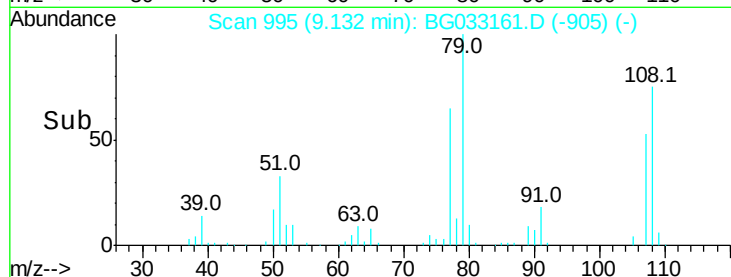
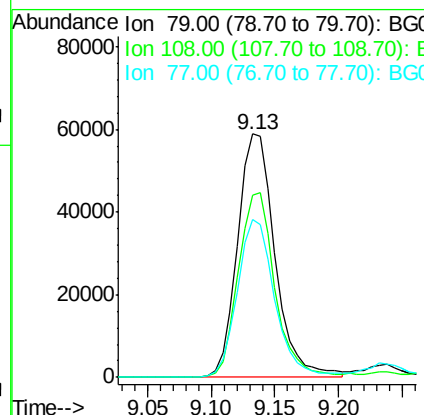
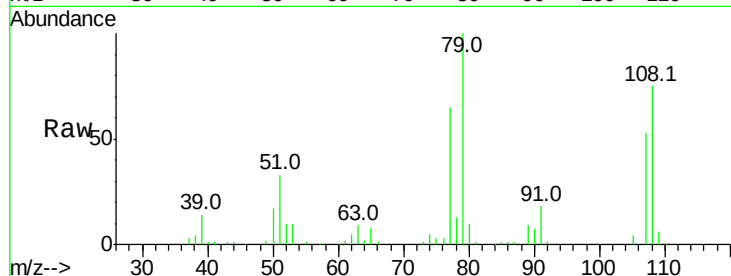




#15
Benzyl Alcohol
Concen: 40.035 ng
RT: 9.13 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

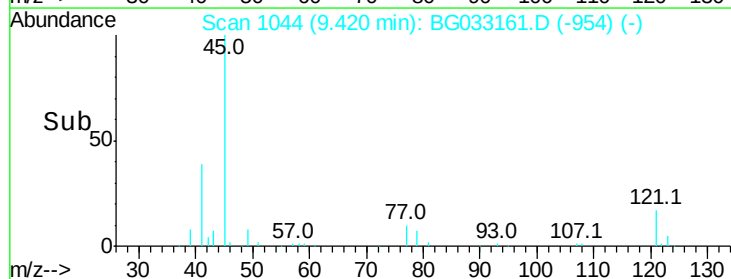
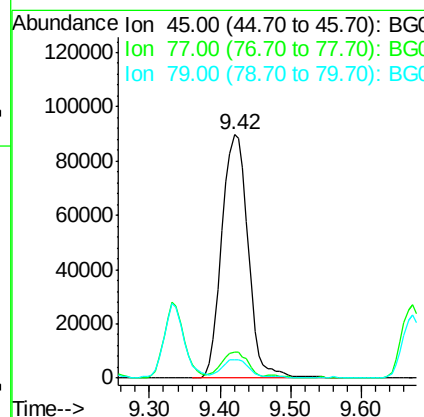
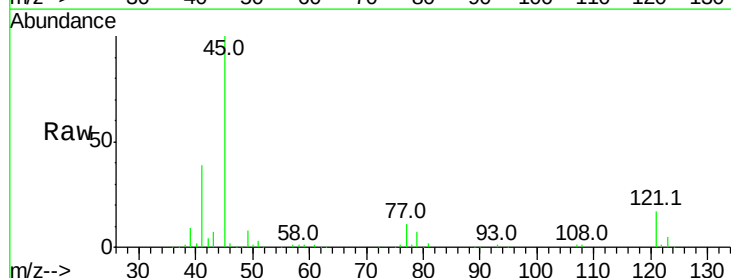
Instrument :
BNA_F
ClientSampled :

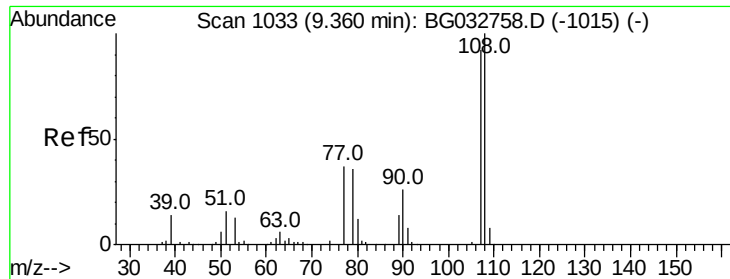
Tot Ion: 79 Resp: 120433
Ion Ratio Lower Upper
79 100
108 74.6 57.2 85.8
77 65.0 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.301 ng
RT: 9.42 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Tgt Ion: 45 Resp: 233678
Ion Ratio Lower Upper
45 100
77 10.8 0.0 30.2
79 7.5 0.0 27.9





#17

2-Methylphenol

Concen: 37.053 ng

RT: 9.33 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 112703

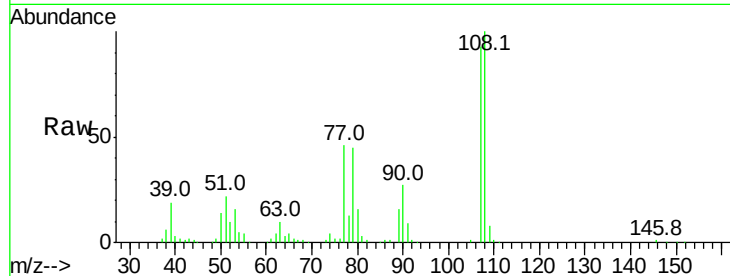
Ion Ratio Lower Upper

107 100

108 107.3 83.9 125.9

77 49.3 37.2 55.8

79 48.2 36.2 54.2

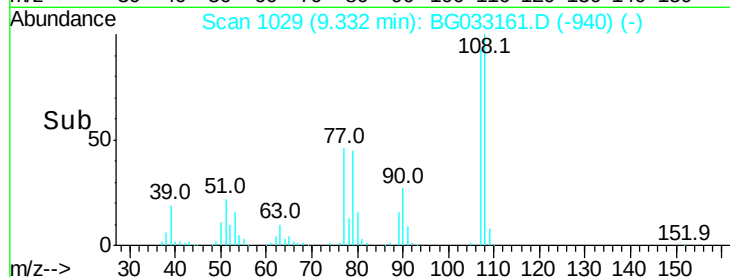


Abundance Ion 107.00 (106.70 to 107.70): E

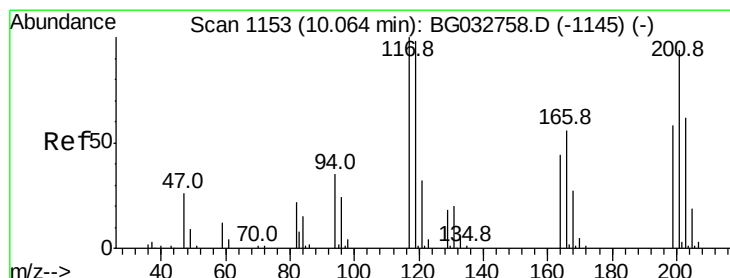
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 37.954 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

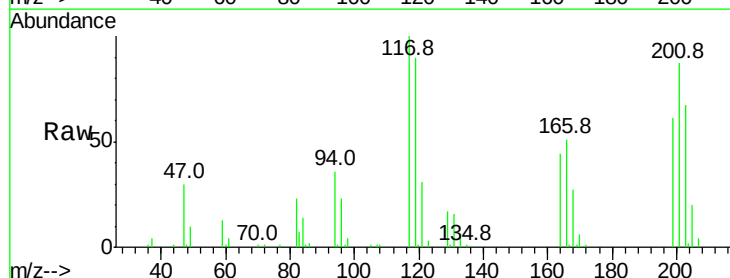
Tgt Ion:117 Resp: 48955

Ion Ratio Lower Upper

117 100

119 89.6 76.7 115.1

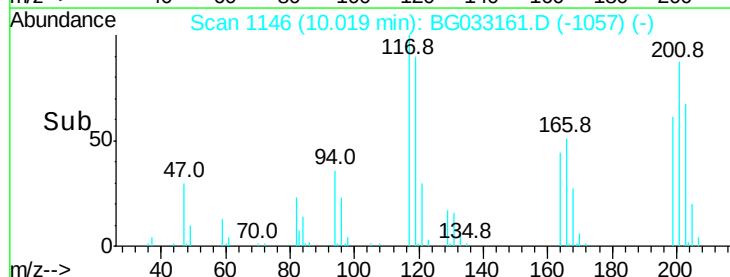
201 87.3 95.7 143.5#



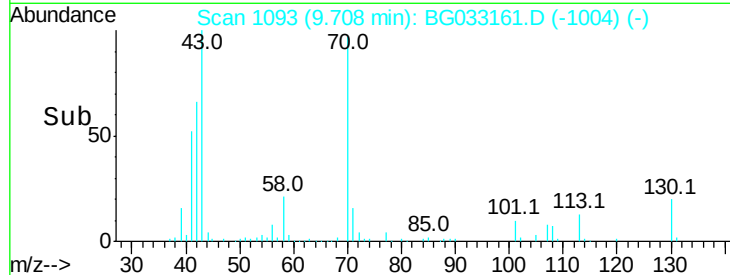
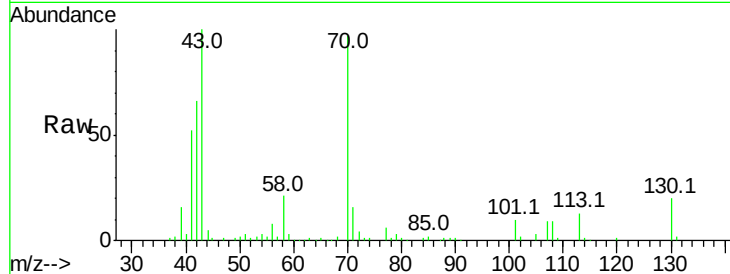
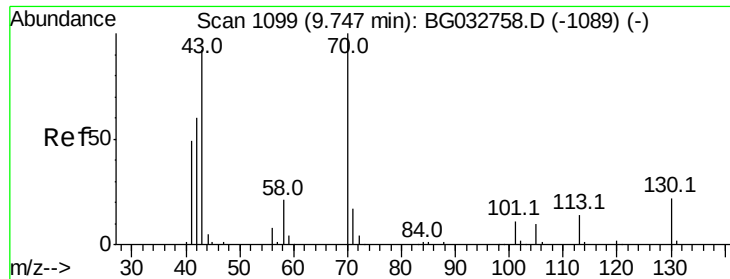
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



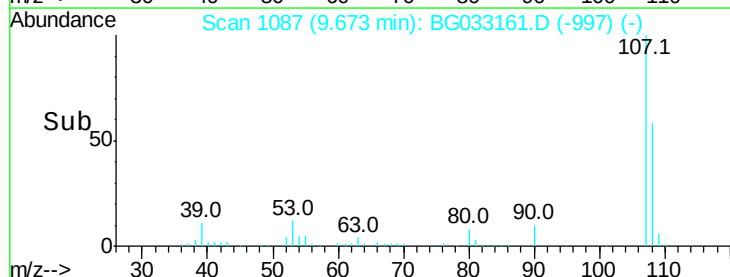
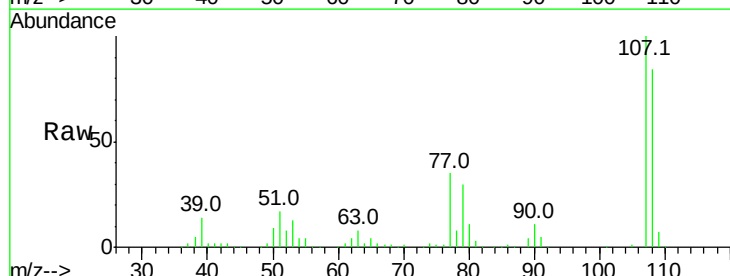
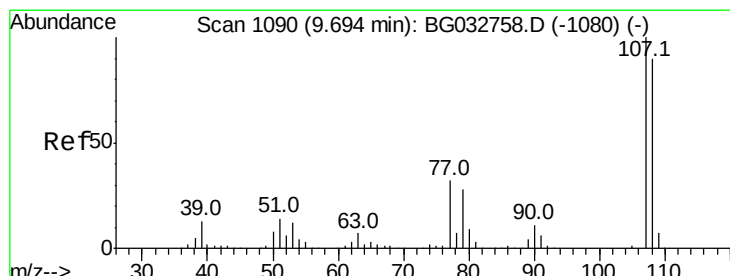
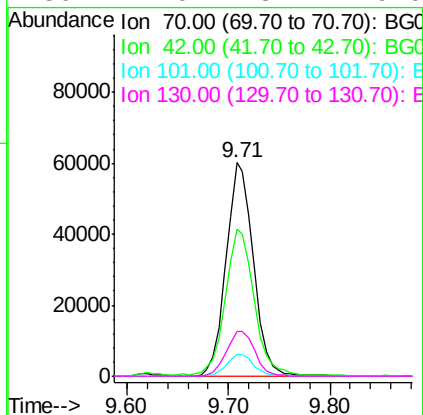
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 38.771 ng
RT: 9.71 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

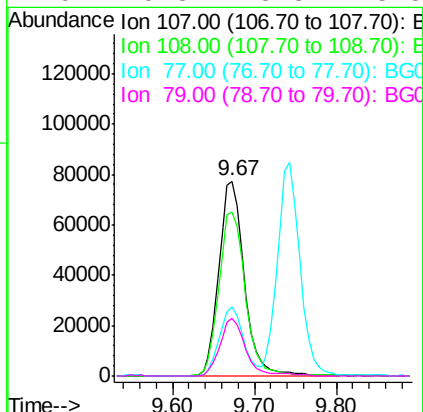
Instrument :
BNA_F
ClientSampled :

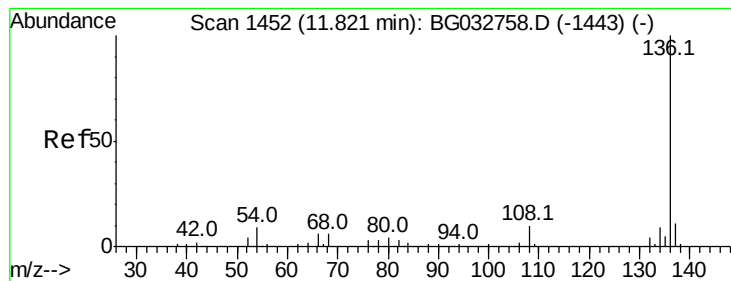
Tot Ion:	70	Resp:	111999
Ion	Ratio	Lower	Upper
70	100		
42	68.7	49.1	73.7
101	10.0	8.5	12.7
130	21.0	13.4	20.0#



#20
3+4-Methylphenols
Concen: 39.864 ng
RT: 9.67 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Tgt Ion:	107	Resp:	168596
Ion	Ratio	Lower	Upper
107	100		
108	84.3	61.6	101.6
77	35.2	13.9	53.9
79	29.8	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG033161.D

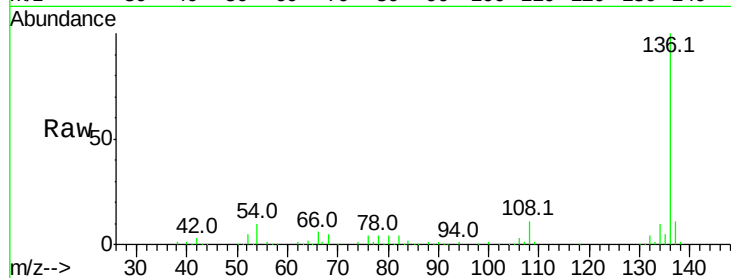
Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	229823
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.2	13.8
54	10.0	10.3	15.5#
68	5.5	4.5	6.7

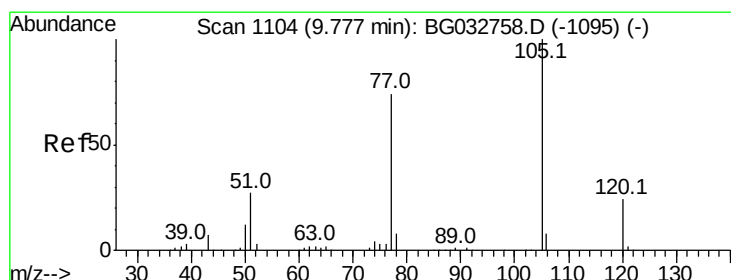
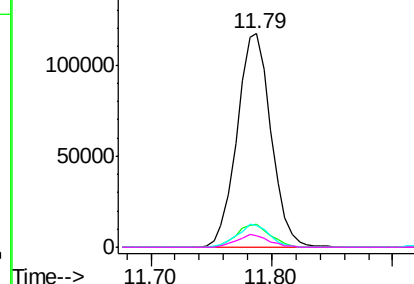
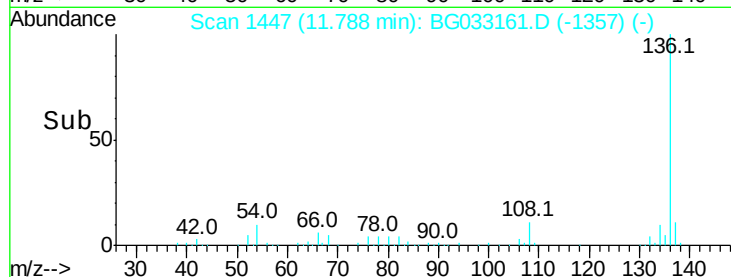


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 35.972 ng

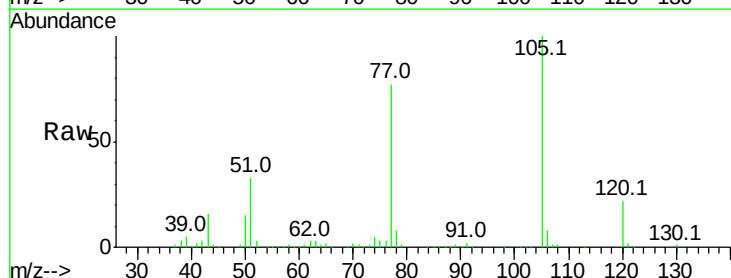
RT: 9.74 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Tgt Ion:	105	Resp:	208785
Ion Ratio	Lower	Upper	
105	100		
71	0.5	3.0	4.4#
51	32.7	26.1	39.1
120	21.5	17.4	26.2

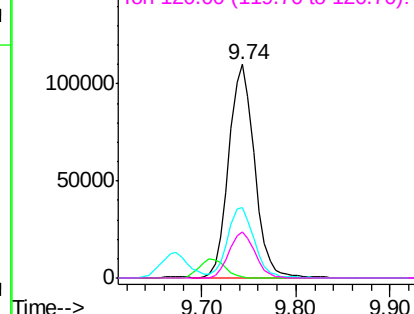
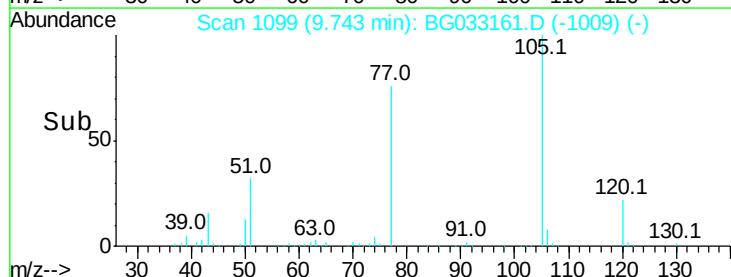


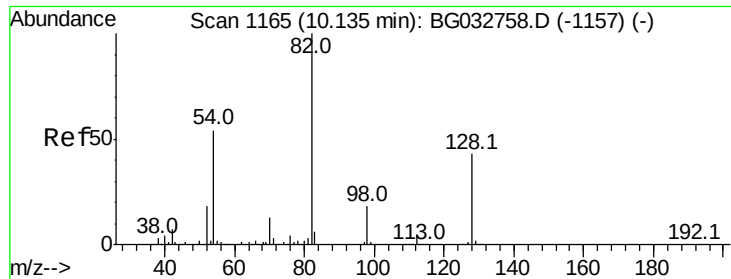
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

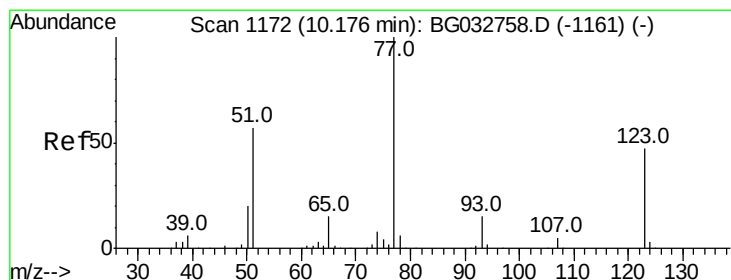
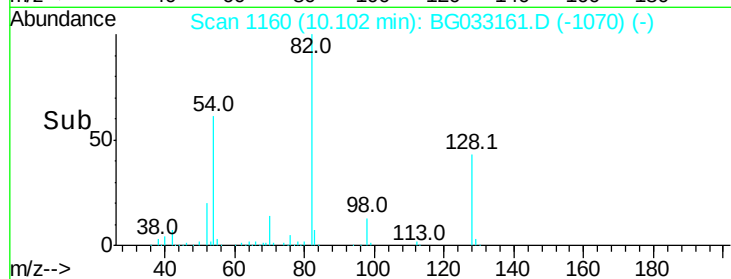
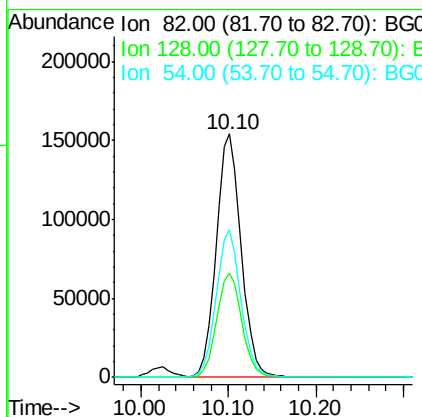
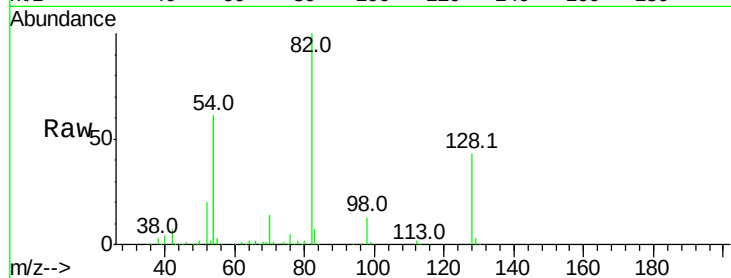




#23
 Nitrobenzene-d5
 Concen: 90.013 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

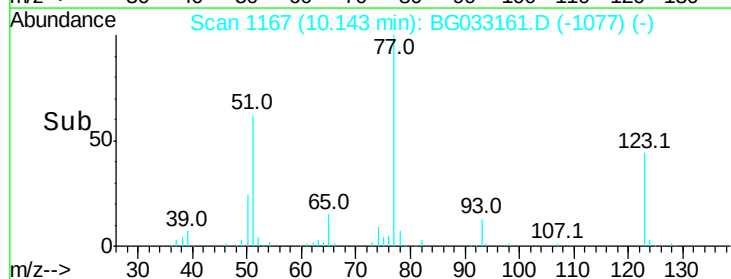
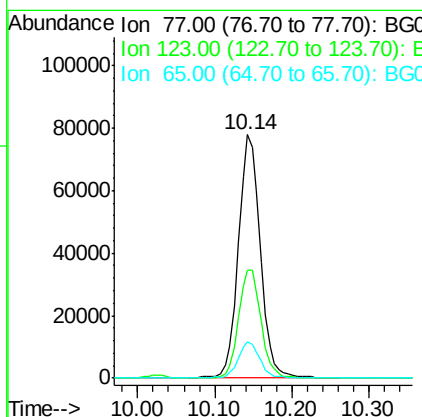
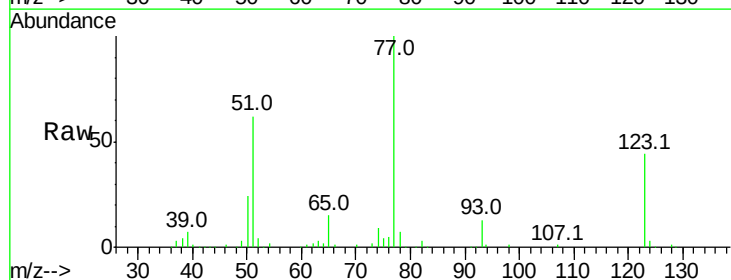
Instrument :
 BNA_F
 ClientSampleId :

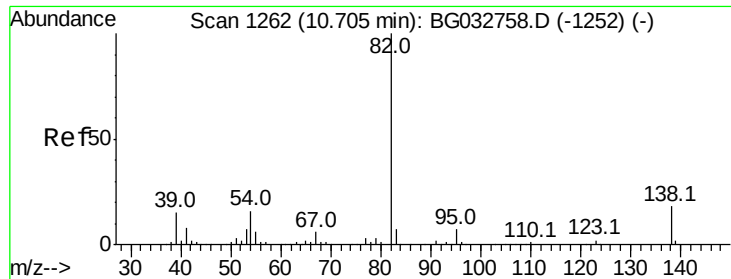
Tot Ion	82	Resp	300297
Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.7	44.5
54	60.6	43.1	64.7



#24
 Nitrobenzene
 Concen: 43.341 ng
 RT: 10.14 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Tgt Ion	77	Resp	156233
Ion	Ratio	Lower	Upper
77	100		
123	44.2	33.0	49.6
65	14.7	13.0	19.6





#25

Isophorone

Concen: 37.160 ng

RT: 10.67 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

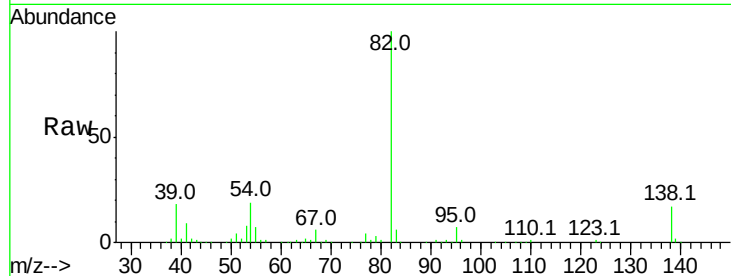
Tot Ion: 82 Resp: 299758

Ion Ratio Lower Upper

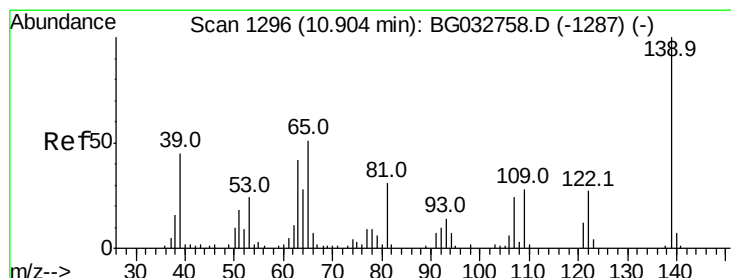
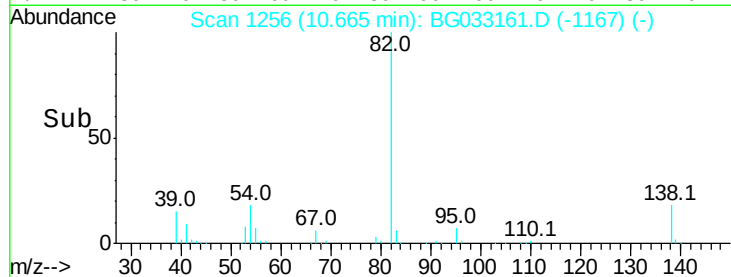
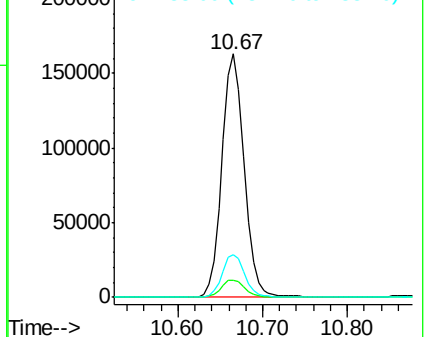
82 100

95 7.2 6.2 9.2

138 17.4 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: 56.089 ng

RT: 10.87 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

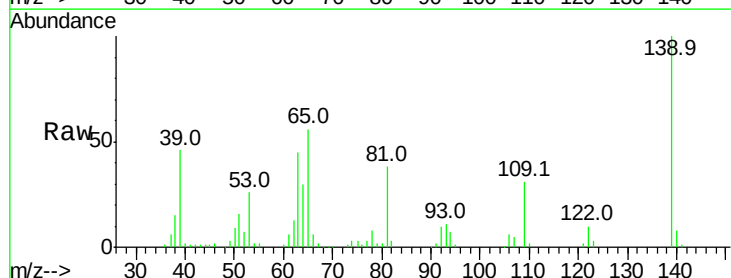
Tgt Ion: 139 Resp: 77012

Ion Ratio Lower Upper

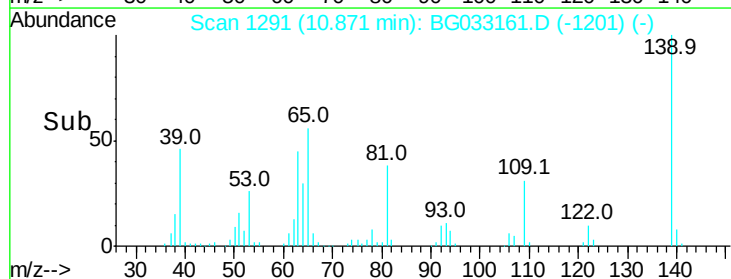
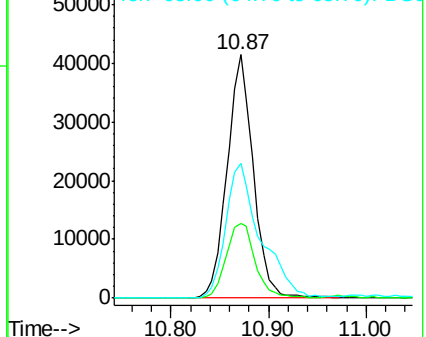
139 100

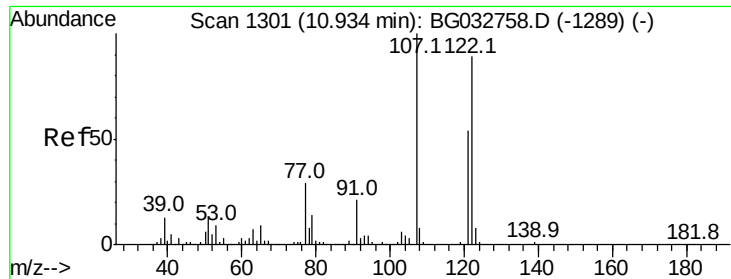
109 30.9 24.2 36.2

65 55.6 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

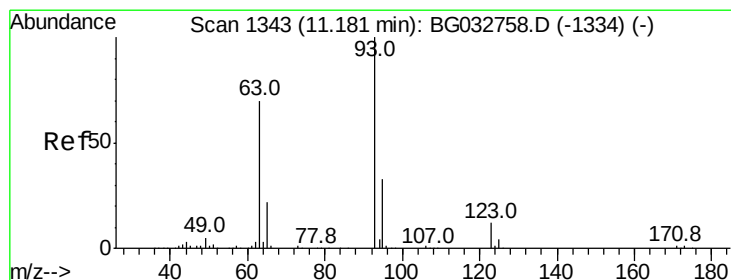
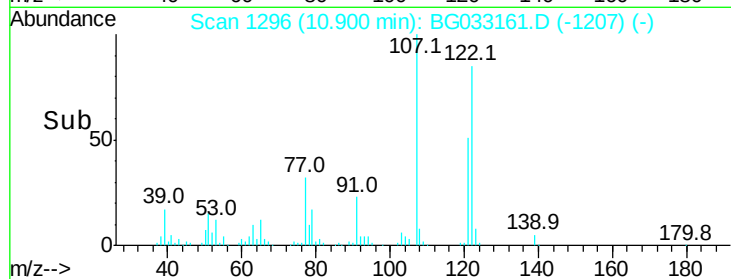
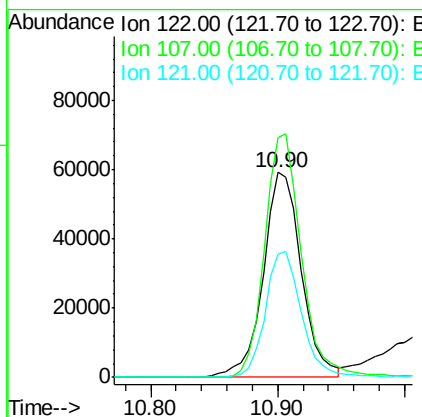
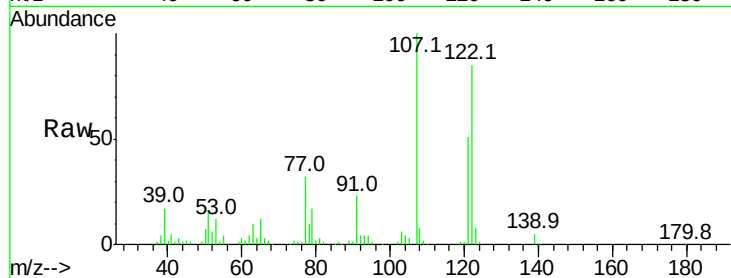




#27
2,4-Dimethylphenol
Concen: 35.004 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

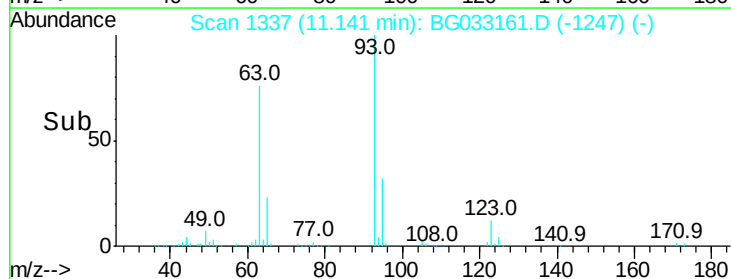
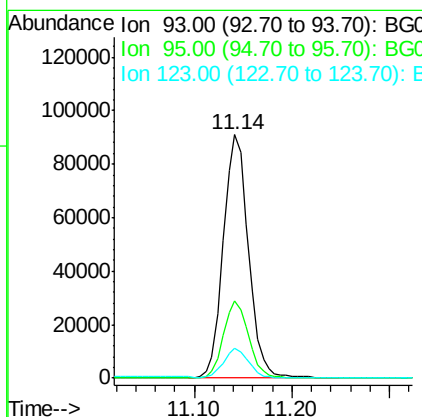
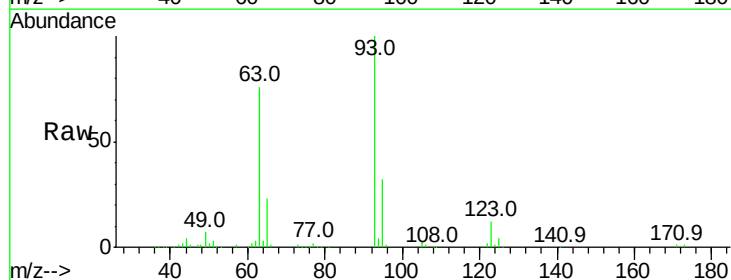
Instrument :
BNA_F
ClientSampled :

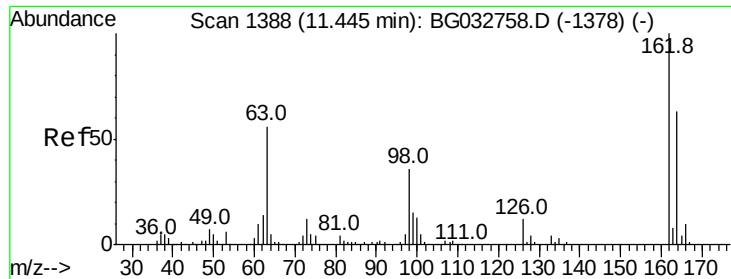
Tot Ion:122 Resp: 122663
Ion Ratio Lower Upper
122 100
107 117.4 100.2 150.2
121 60.4 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 34.522 ng
RT: 11.14 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Tgt Ion: 93 Resp: 162228
Ion Ratio Lower Upper
93 100
95 32.0 24.3 36.5
123 12.3 8.4 12.6

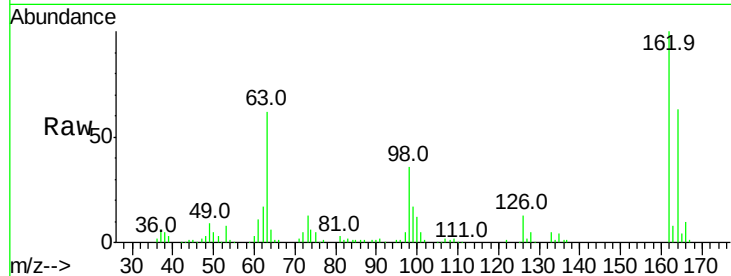




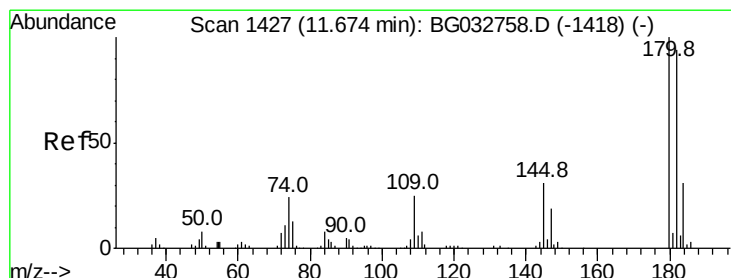
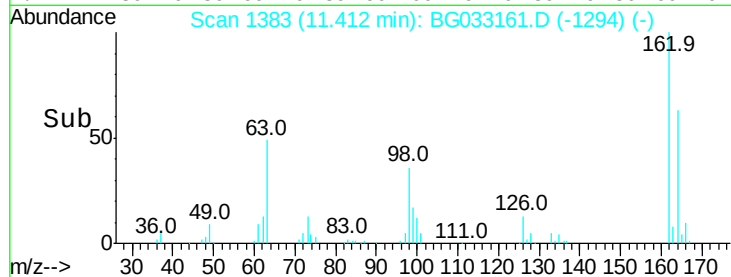
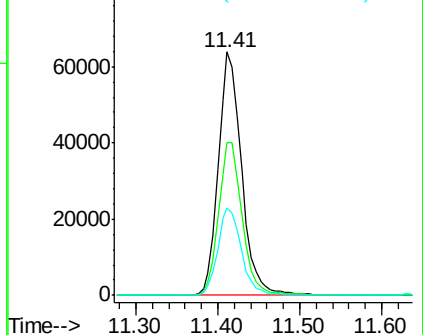
#29
 2,4-Dichlorophenol
 Concen: 39.747 ng
 RT: 11.41 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 126412
 Ion Ratio Lower Upper
 162 100
 164 62.6 48.0 88.0
 98 36.1 21.1 61.1

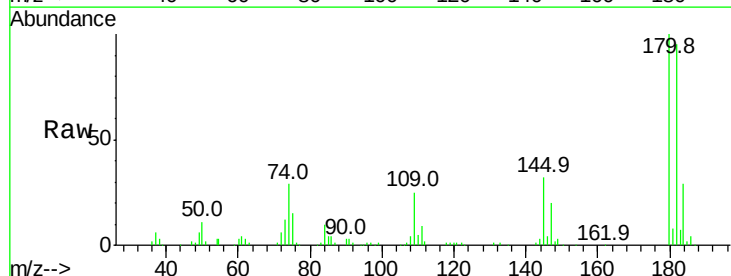


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

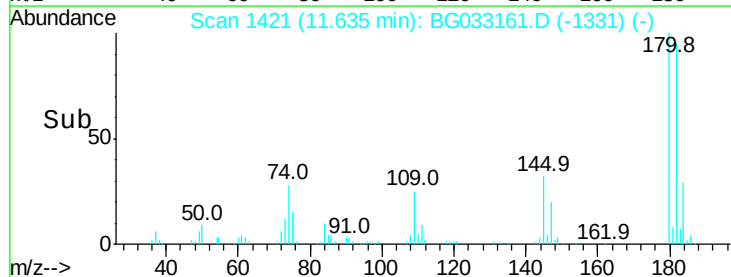
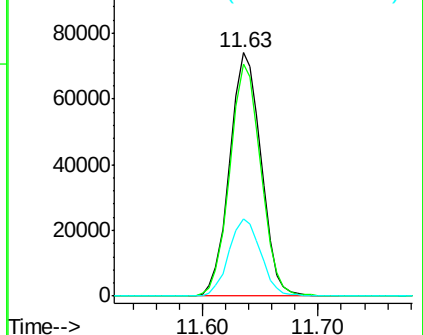


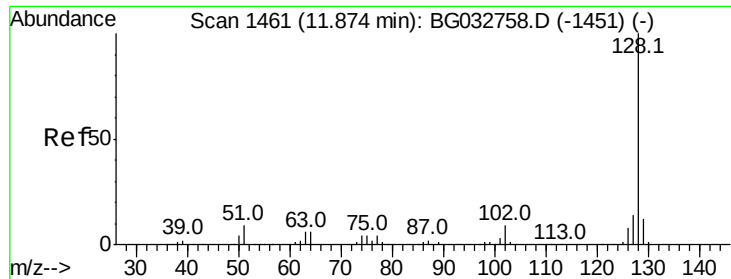
#30
 1,2,4-Trichlorobenzene
 Concen: 37.444 ng
 RT: 11.63 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Tgt Ion:180 Resp: 139596
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.5 116.3
 145 32.0 23.4 35.2



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





#31

Naphthalene

Concen: 36.054 ng

RT: 11.83 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

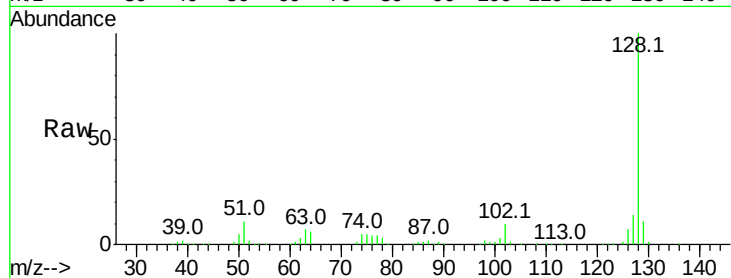
Tot Ion:128 Resp: 432973

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

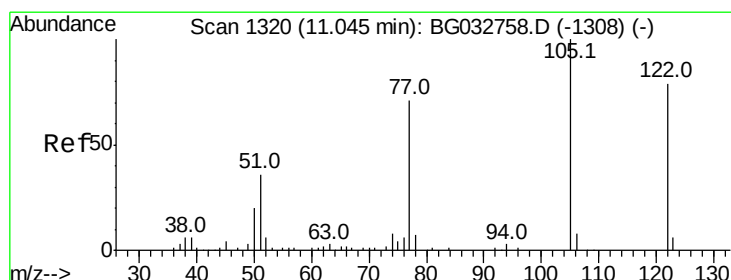
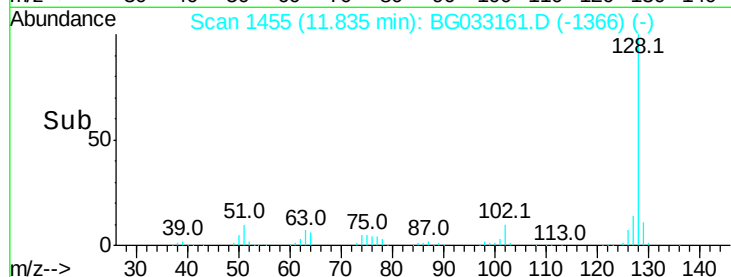
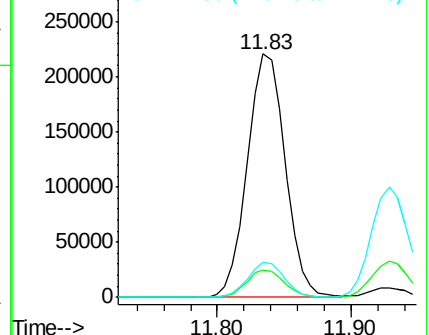
127 14.3 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.212 ng

RT: 11.01 min Scan# 1314

Delta R.T. 0.04 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

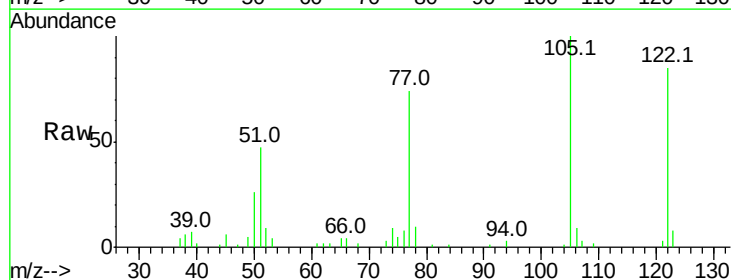
Tgt Ion:122 Resp: 24632

Ion Ratio Lower Upper

122 100

105 117.7 123.5 163.5#

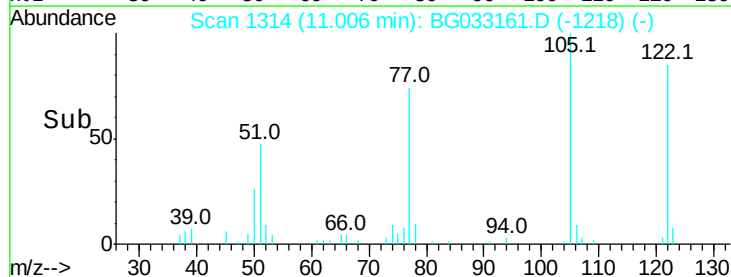
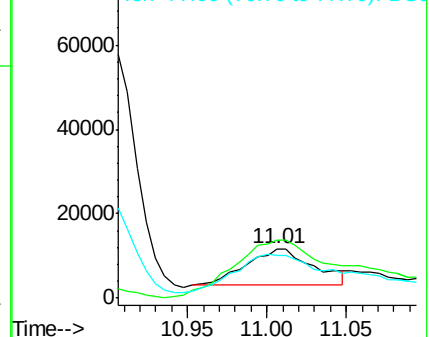
77 87.0 85.7 125.7

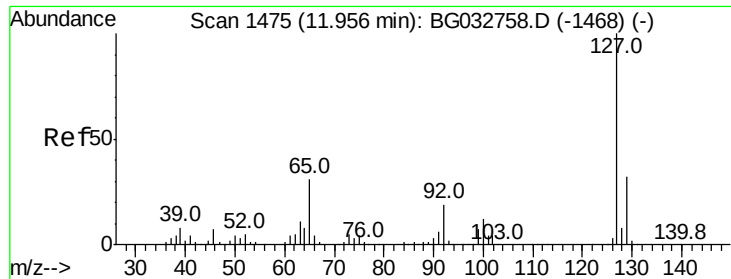


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

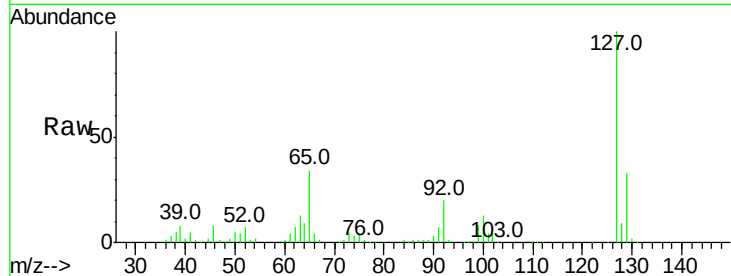




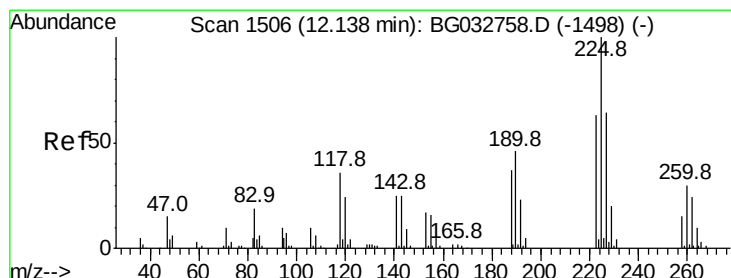
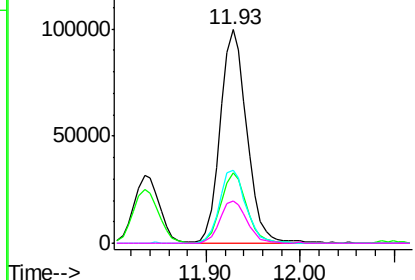
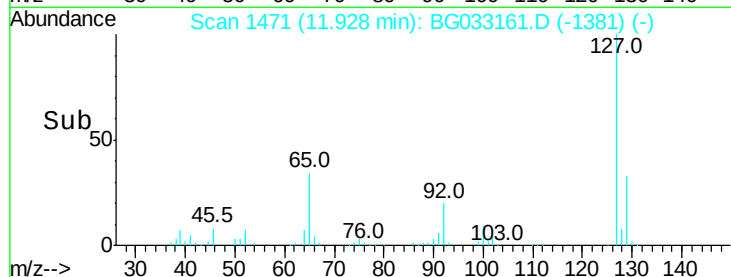
#33
4-Chloroaniline
Concen: 36.344 ng
RT: 11.93 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	195152
Ion	Ratio	Lower	Upper
127	100		
129	32.8	24.0	36.0
65	33.9	27.0	40.4
92	20.0	16.6	25.0

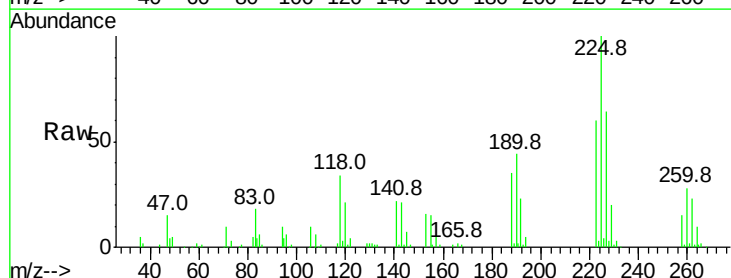


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

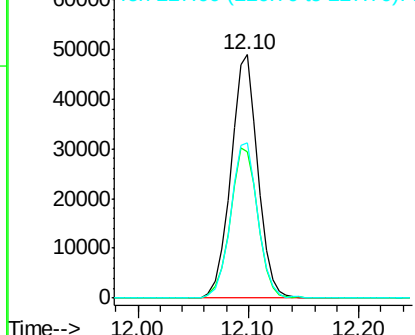
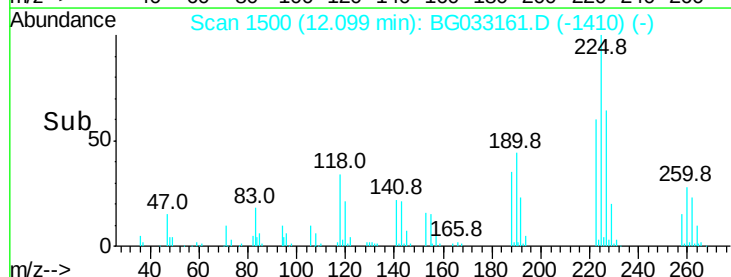


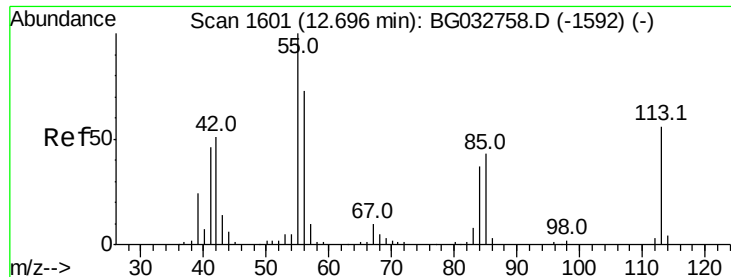
#34
Hexachlorobutadiene
Concen: 39.916 ng
RT: 12.10 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Tgt Ion:	225	Resp:	83472
Ion	Ratio	Lower	Upper
225	100		
223	60.2	49.7	74.5
227	64.0	48.1	72.1



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

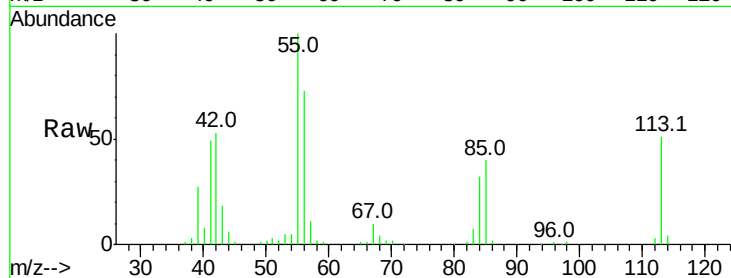




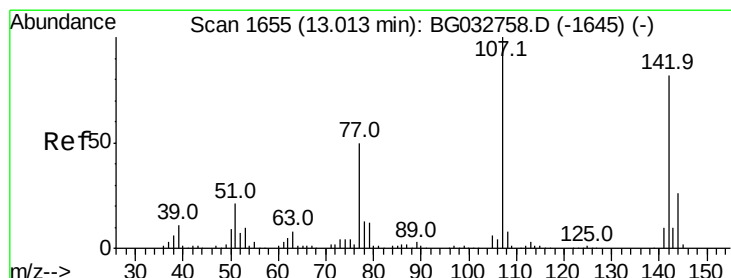
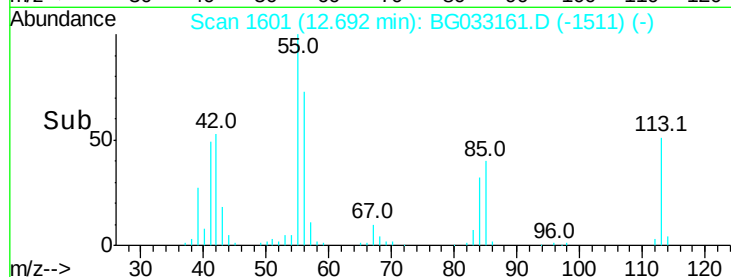
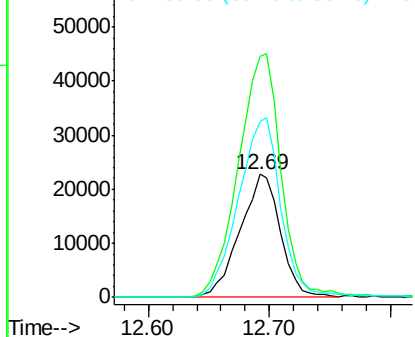
#35
 Caprolactam
 Concen: 41.405 ng
 RT: 12.69 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 52729
 Ion Ratio Lower Upper
 113 100
 55 195.1 186.9 226.9
 56 142.5 130.9 170.9

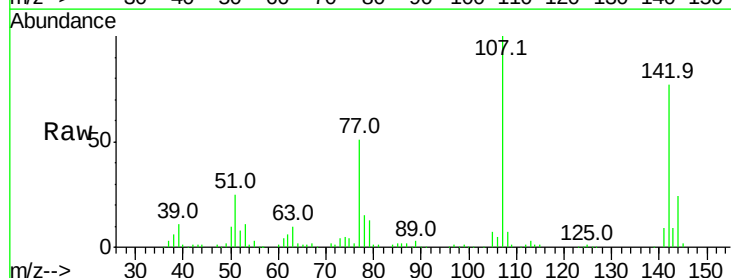


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC

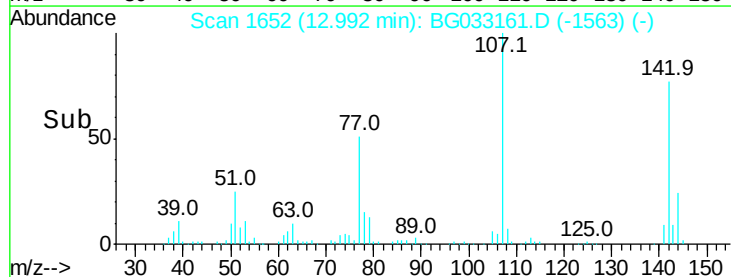
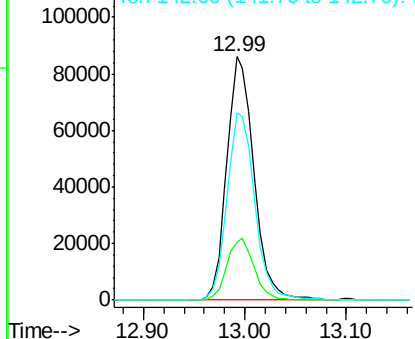


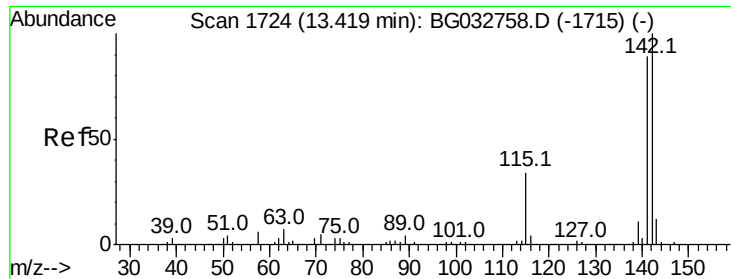
#36
 4-Chloro-3-methylphenol
 Concen: 43.203 ng
 RT: 12.99 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Tgt Ion:107 Resp: 159900
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.2 27.4
 142 77.1 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

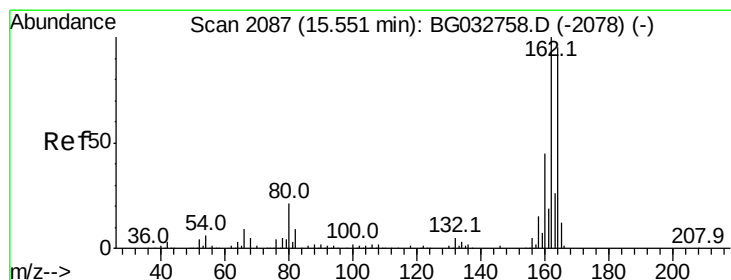
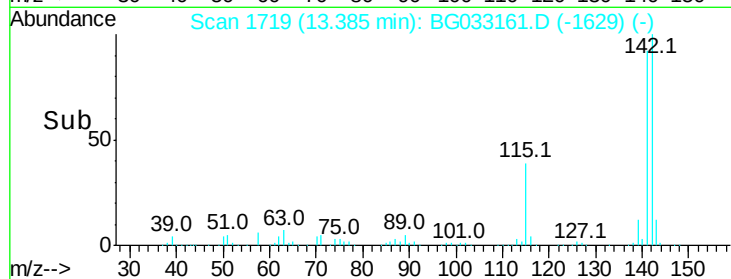
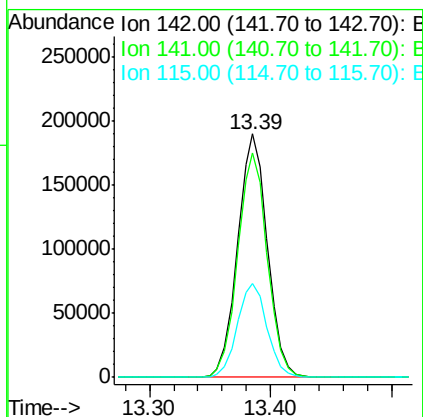
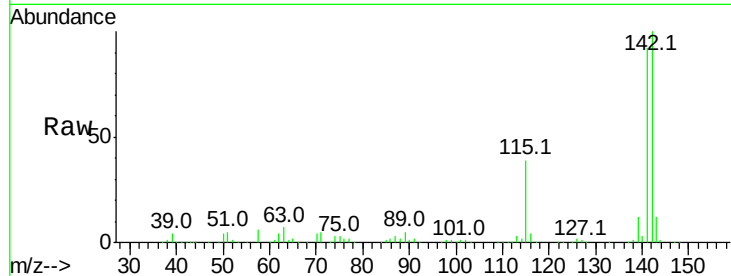




#37
 2-Methylnaphthalene
 Concen: 37.347 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

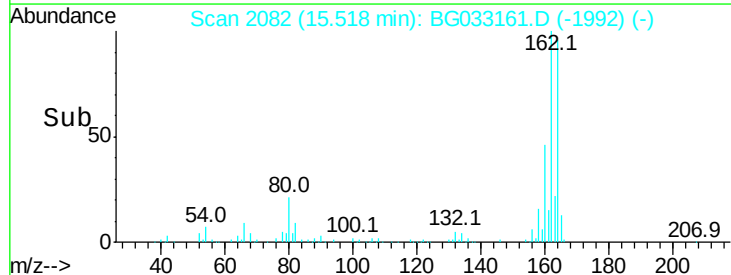
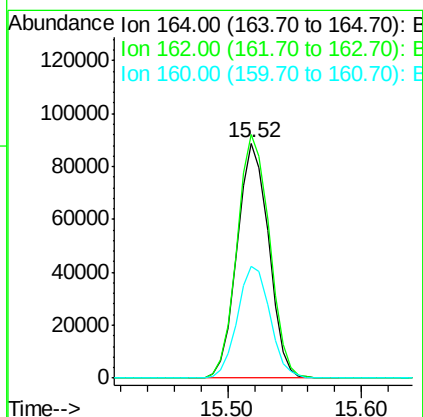
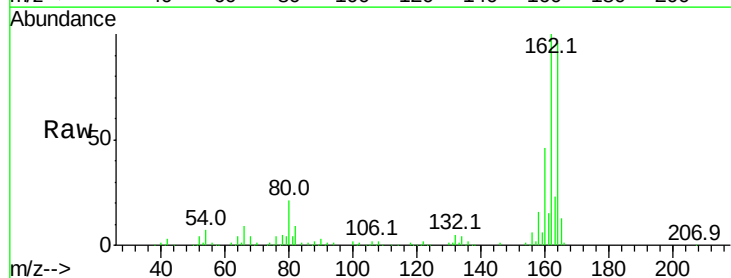
Instrument :
 BNA_F
 ClientSampled :

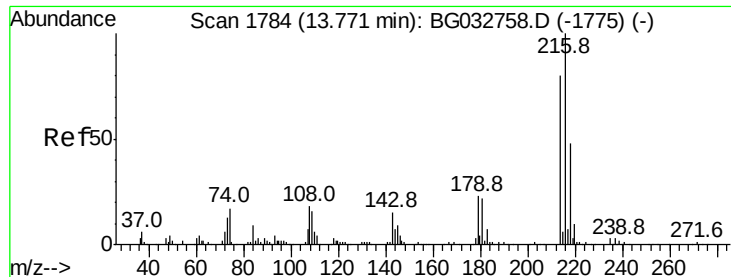
Tot Ion:142 Resp: 324484
 Ion Ratio Lower Upper
 142 100
 141 92.2 67.1 100.7
 115 38.7 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Tgt Ion:164 Resp: 144837
 Ion Ratio Lower Upper
 164 100
 162 103.7 78.8 118.2
 160 47.7 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.846 ng

RT: 13.74 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BG033161.D

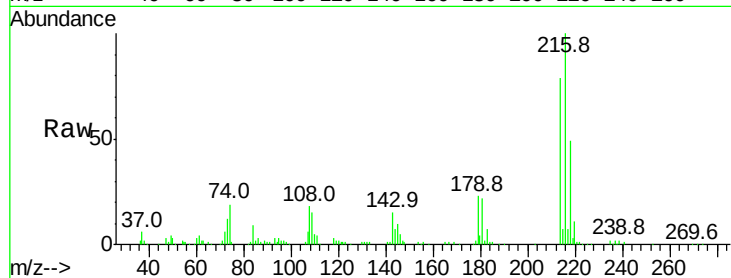
Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	162719
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.4
179	22.3	17.0	25.6
108	19.7	12.8	19.2#

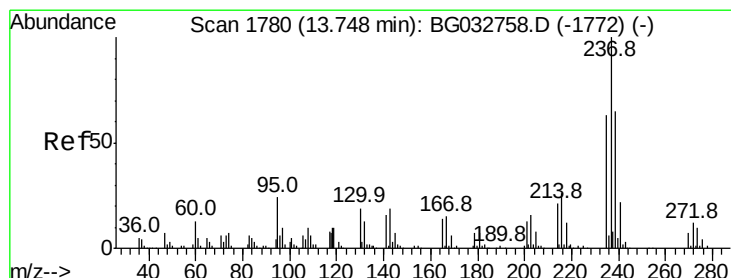
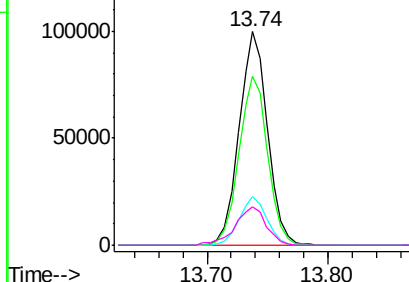
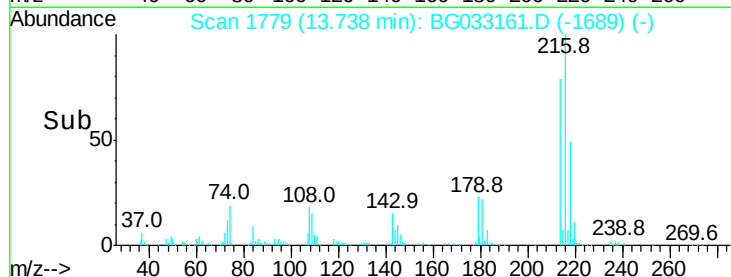


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.137 ng

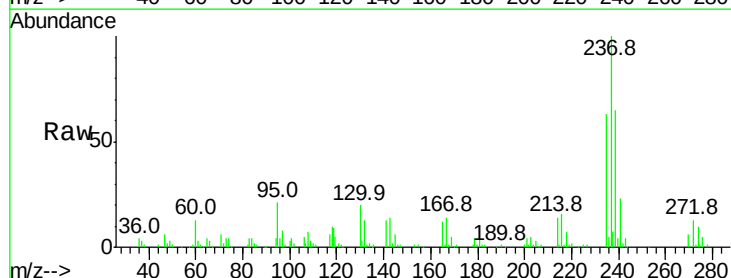
RT: 13.71 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

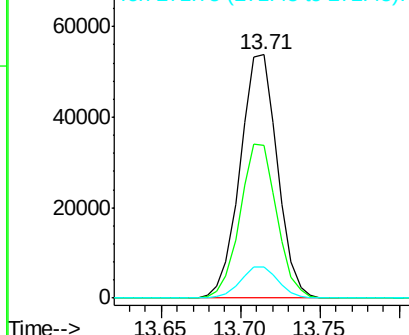
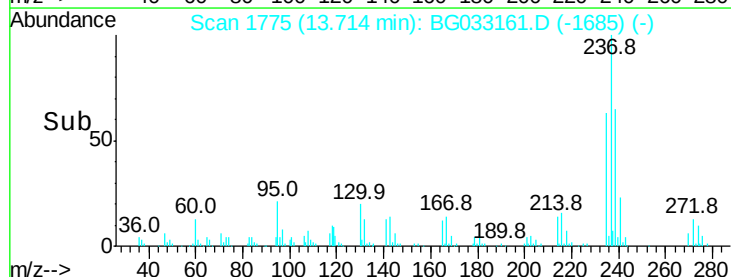
Tgt Ion:	237	Resp:	87949
Ion	Ratio	Lower	Upper
237	100		
235	62.9	50.4	90.4
272	12.6	0.0	31.8

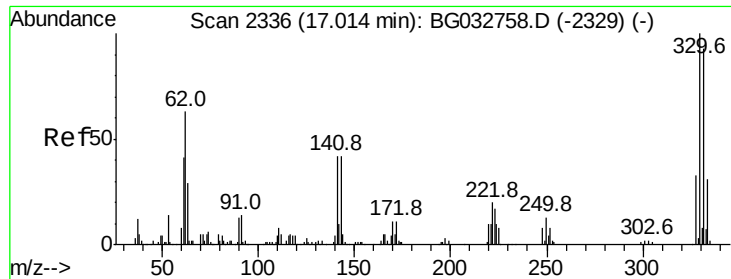


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

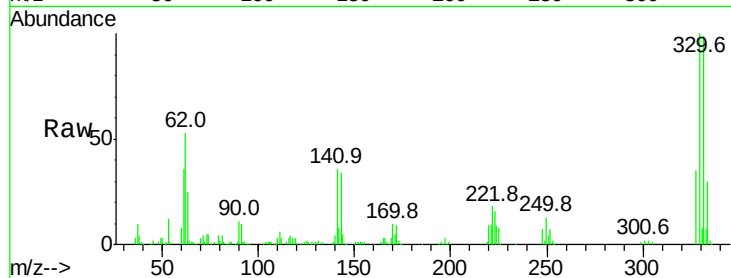




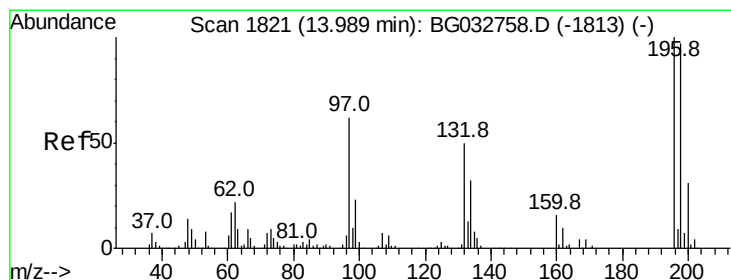
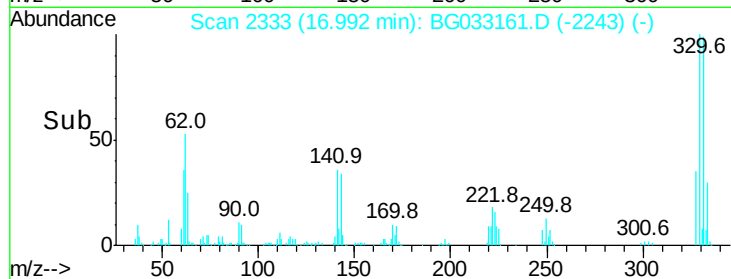
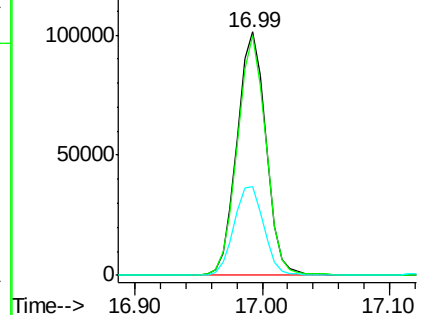
#41
 2,4,6-Tribromophenol
 Concen: 104.910 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	37.5	25.2	37.8

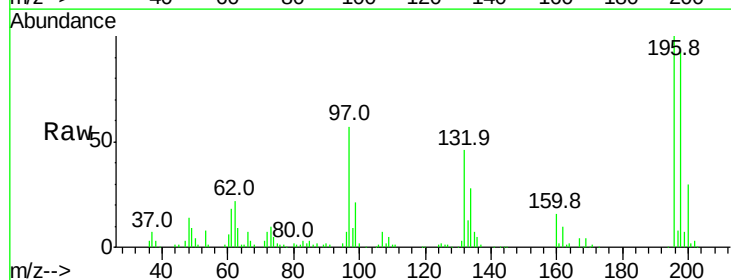


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

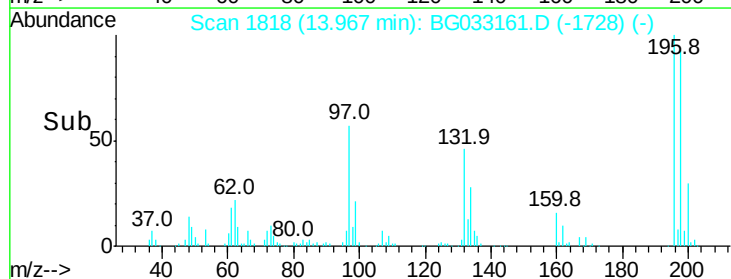
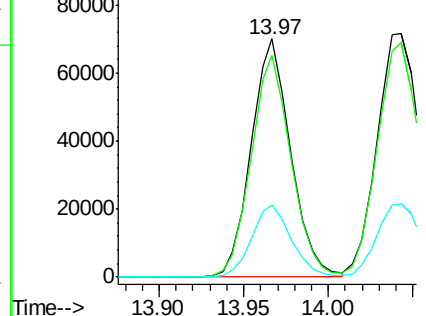


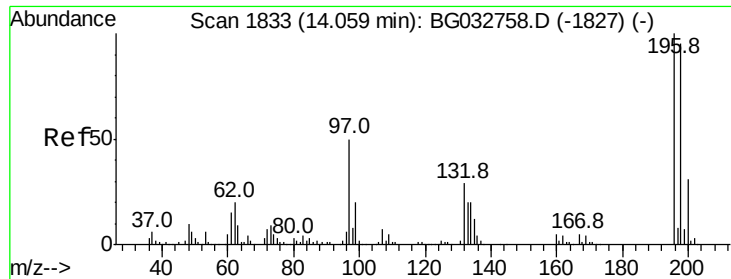
#42
 2,4,6-Trichlorophenol
 Concen: 41.905 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	78.2	117.2
200	30.3	24.6	36.8



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

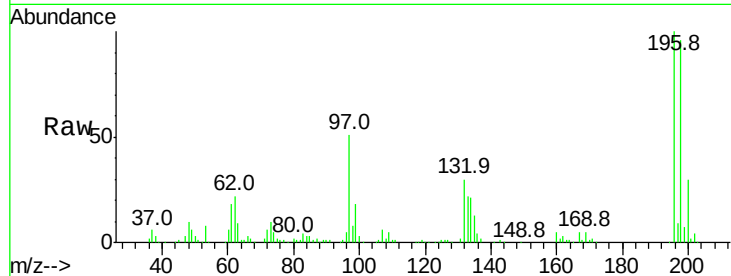




#43
 2,4,5-Trichlorophenol
 Concen: 41.281 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.4
97	51.4	38.7	58.1
132	29.5	20.2	30.2



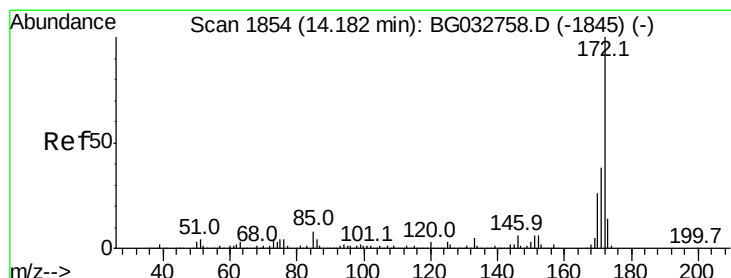
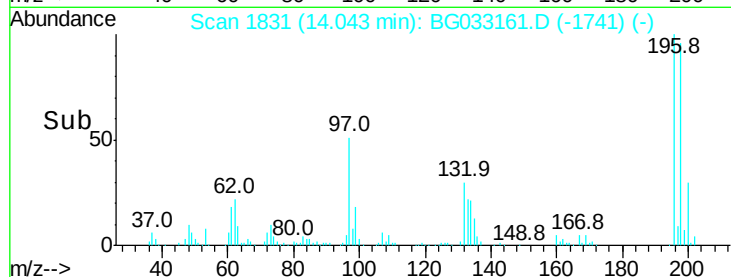
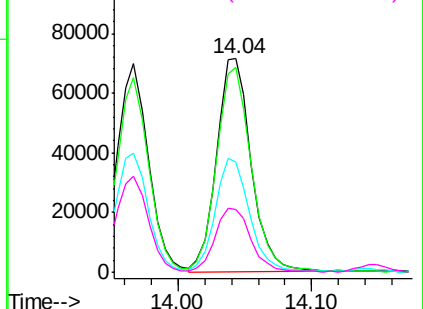
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

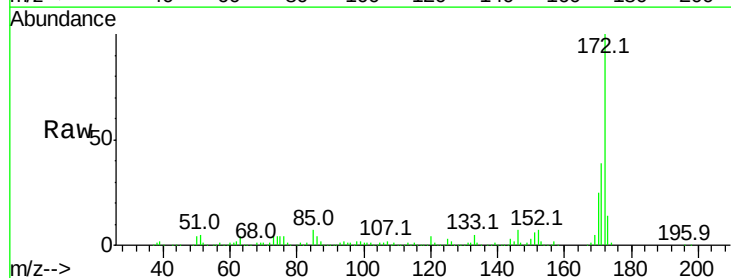
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.966 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	25.5	19.5	29.3

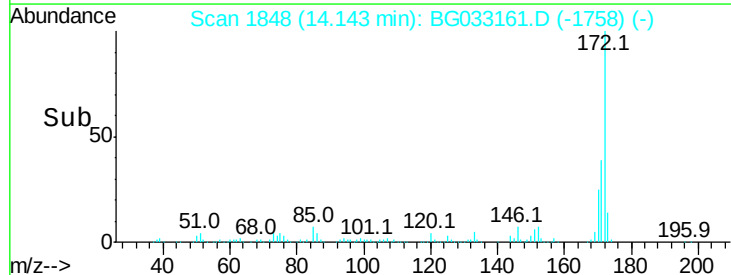
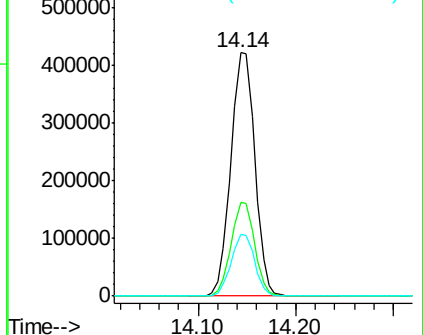


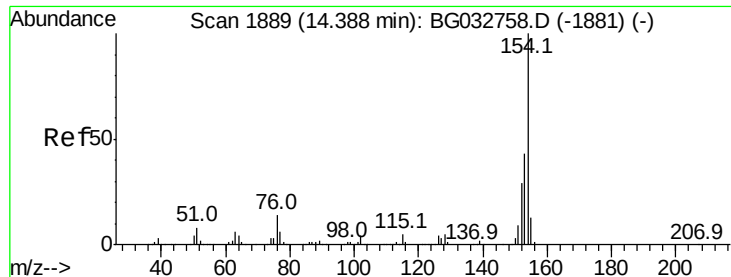
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.172 ng

RT: 14.35 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG033161.D

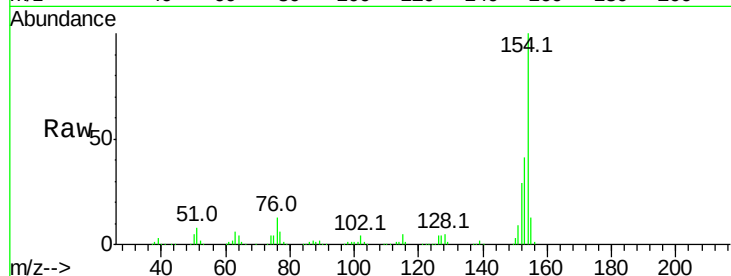
Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

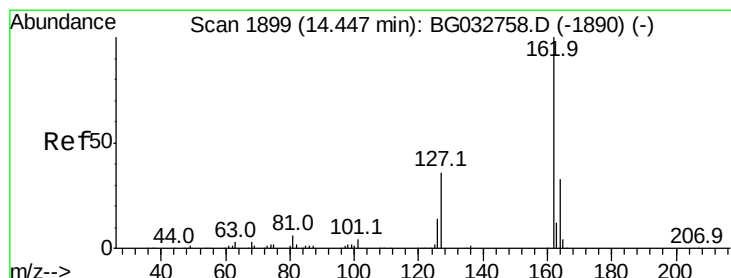
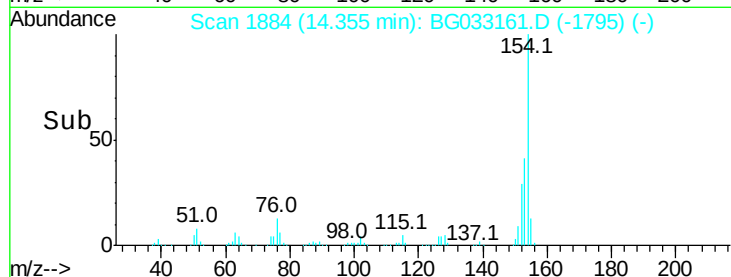
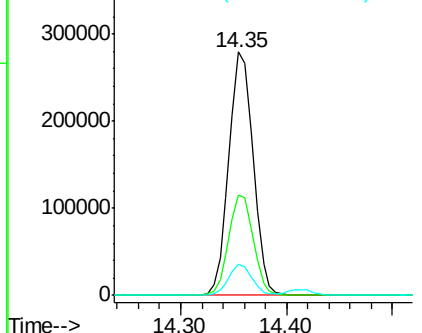
Tot Ion:	154	Resp:	445151
Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.8	59.8
76	13.0	0.0	31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 35.115 ng

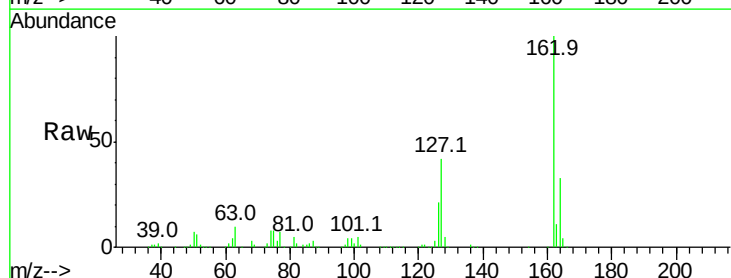
RT: 14.41 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

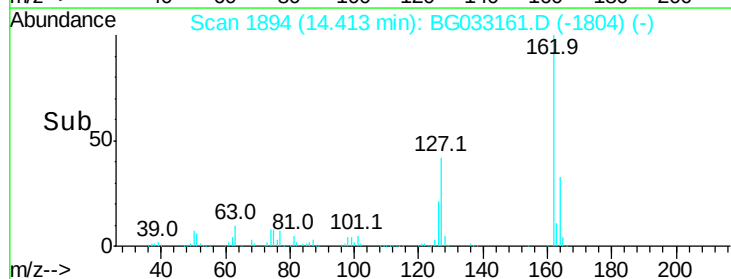
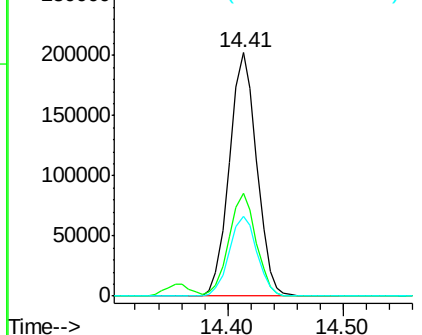
Tgt Ion:	162	Resp:	331989
Ion	Ratio	Lower	Upper
162	100		
127	42.3	30.7	46.1
164	32.8	26.0	39.0

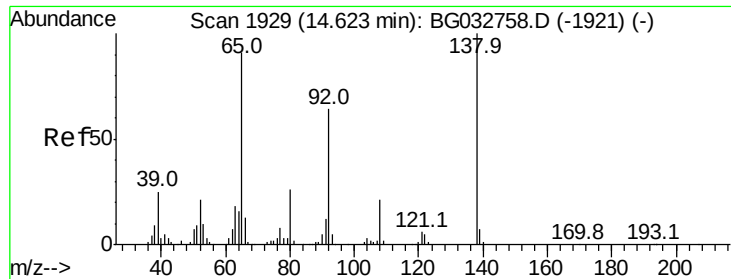


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

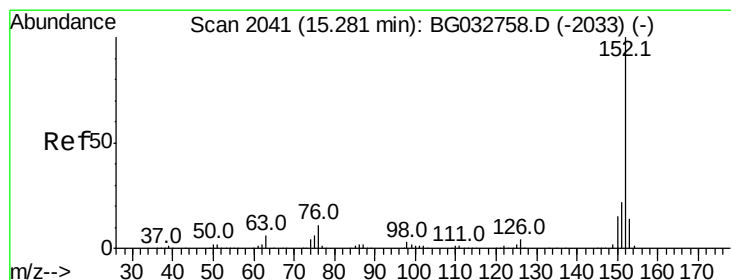
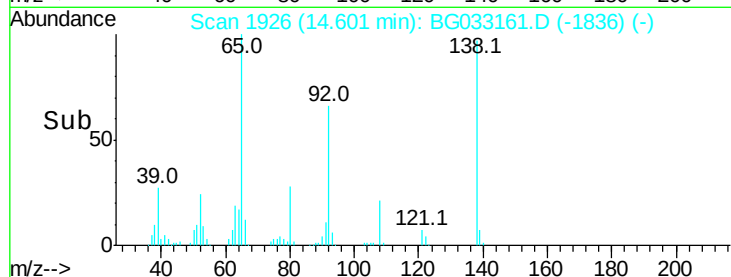
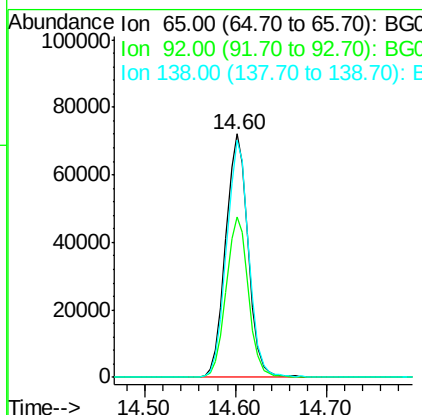
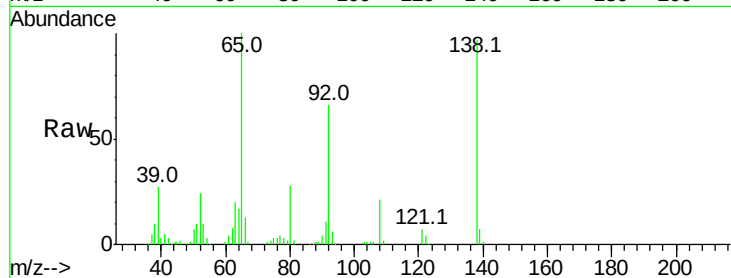




#47
2-Nitroaniline
Concen: 51.108 ng
RT: 14.60 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

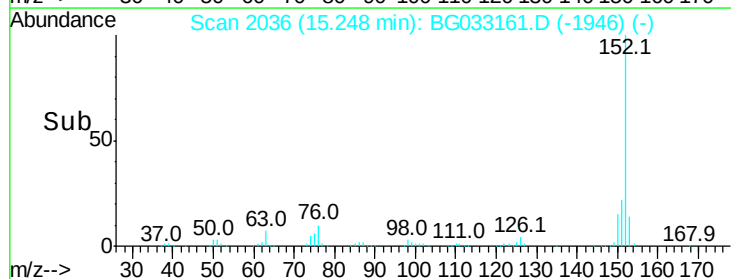
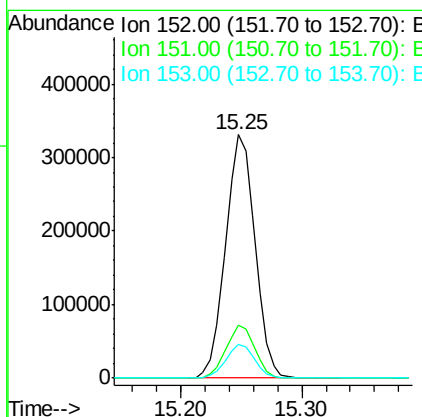
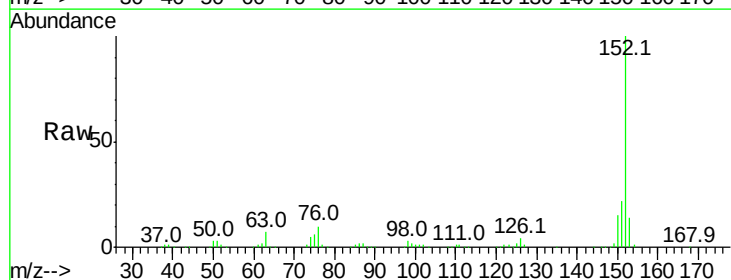
Instrument :
BNA_F
ClientSampleId :

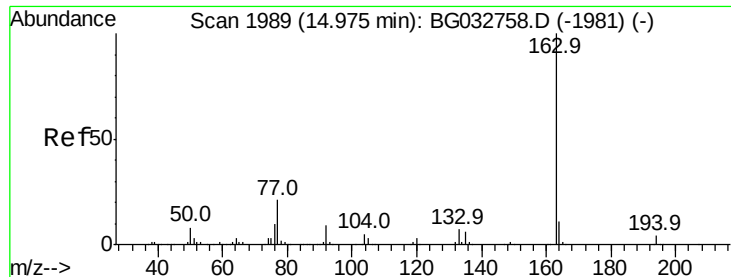
Tot Ion: 65 Resp: 123767
Ion Ratio Lower Upper
65 100
92 65.8 54.6 82.0
138 97.4 72.9 109.3



#48
Acenaphthylene
Concen: 36.136 ng
RT: 15.25 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Tgt Ion: 152 Resp: 559337
Ion Ratio Lower Upper
152 100
151 21.9 17.2 25.8
153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 36.765 ng

RT: 14.94 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

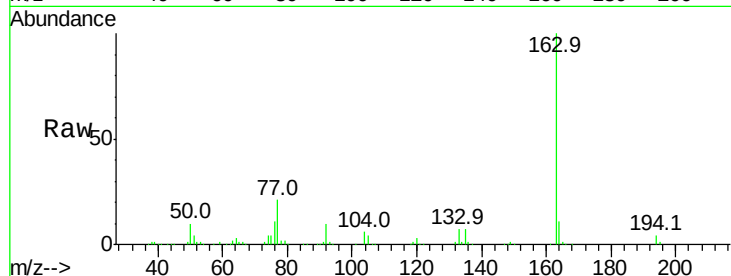
Tot Ion:163 Resp: 452140

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

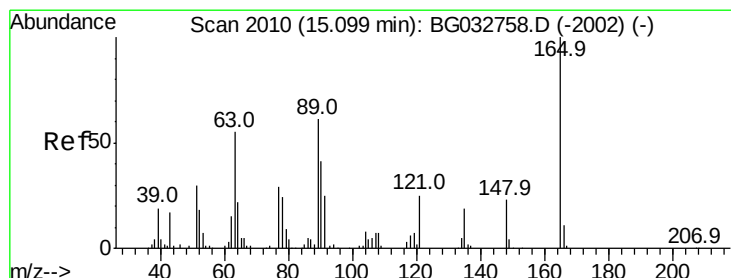
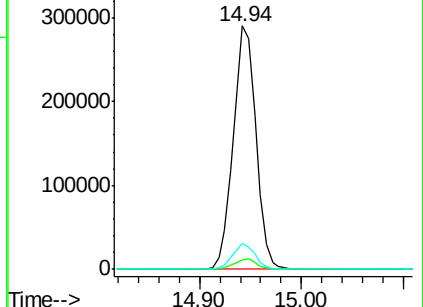
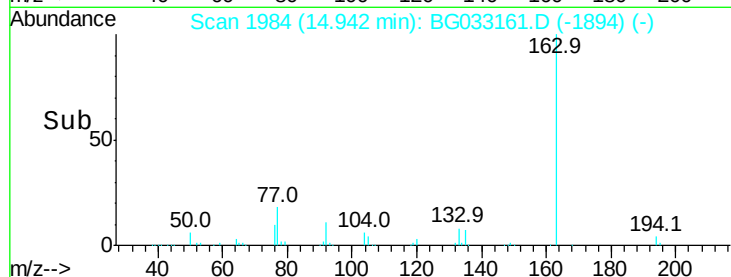
164 10.6 8.2 12.4



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: 48.526 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

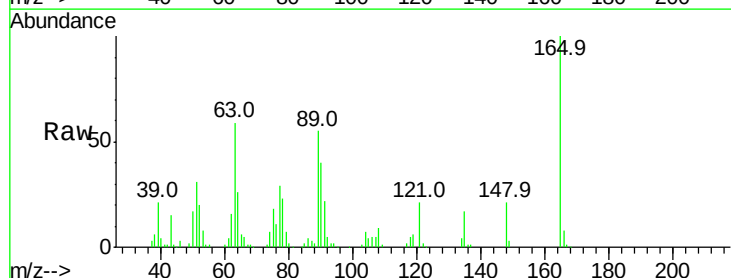
Tgt Ion:165 Resp: 99018

Ion Ratio Lower Upper

165 100

63 58.9 52.7 79.1

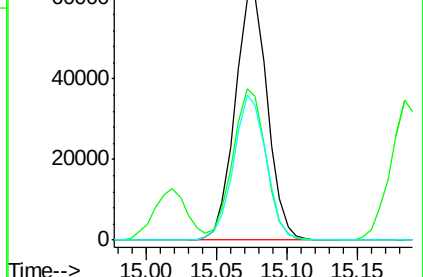
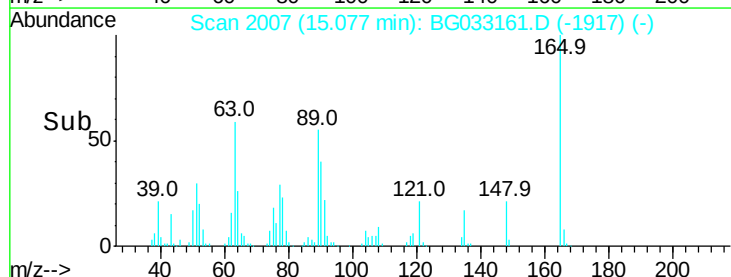
89 55.3 49.2 73.8

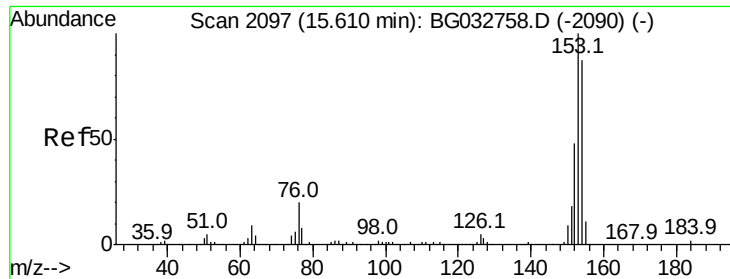


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 35.892 ng

RT: 15.58 min Scan# 2093

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

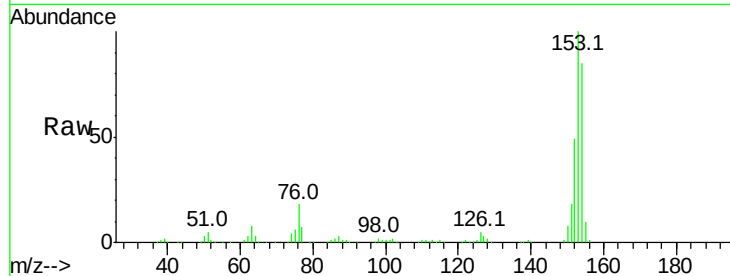
Tot Ion:154 Resp: 345997

Ion Ratio Lower Upper

154 100

153 117.4 90.4 135.6

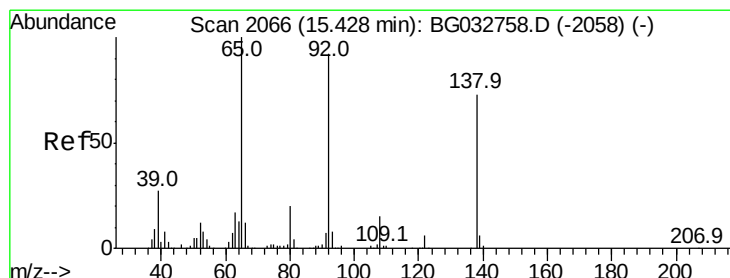
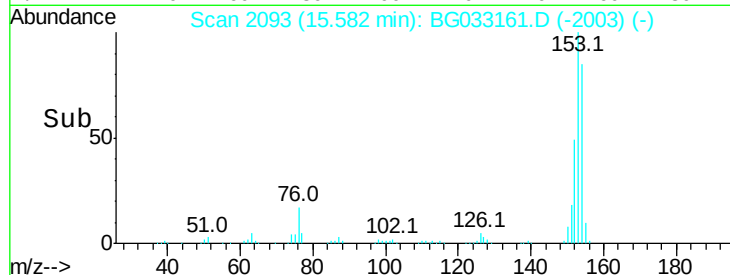
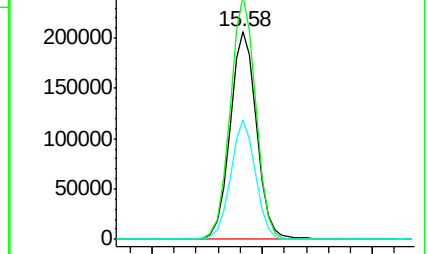
152 57.8 41.6 62.4



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: 44.620 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

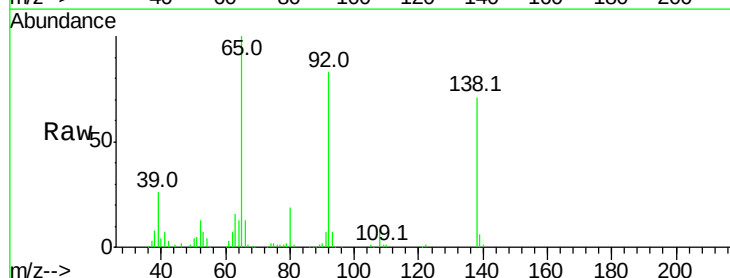
Tgt Ion:138 Resp: 110774

Ion Ratio Lower Upper

138 100

108 10.8 17.5 26.3#

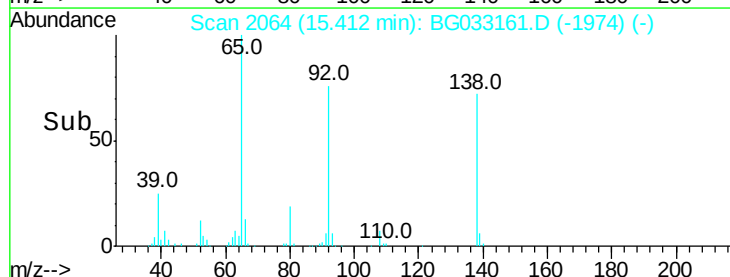
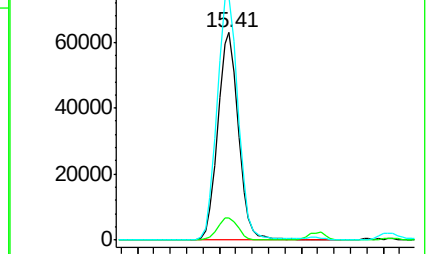
92 117.4 105.8 158.8

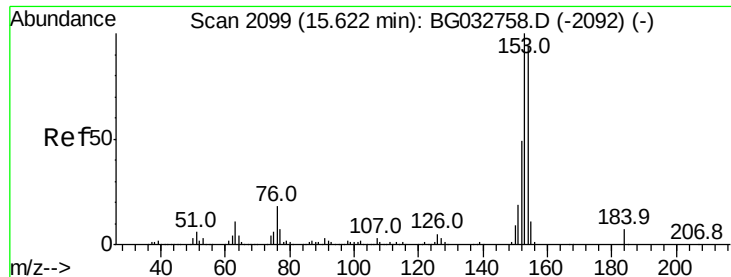


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

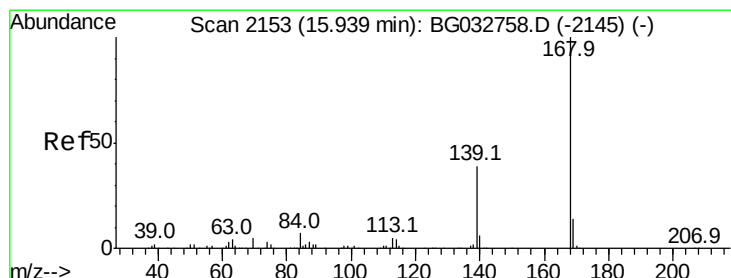
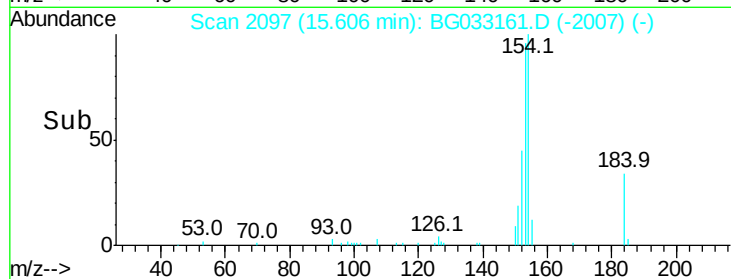
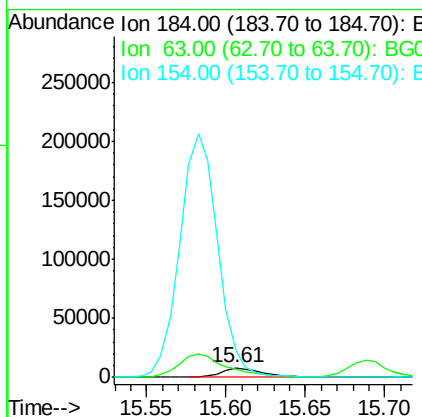
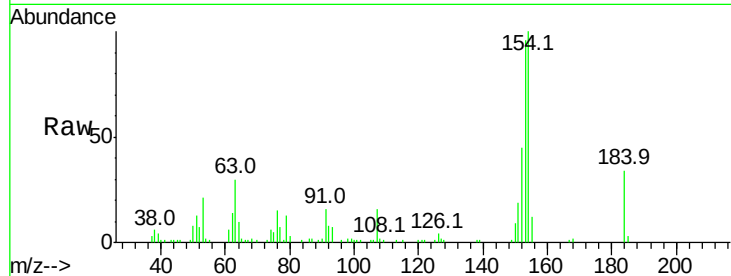




#53
 2,4-Dinitrophenol
 Concen: 31.363 ng
 RT: 15.61 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

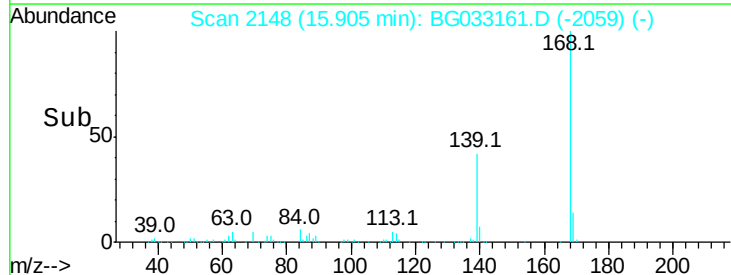
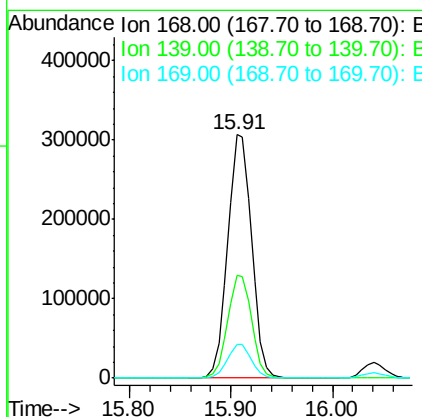
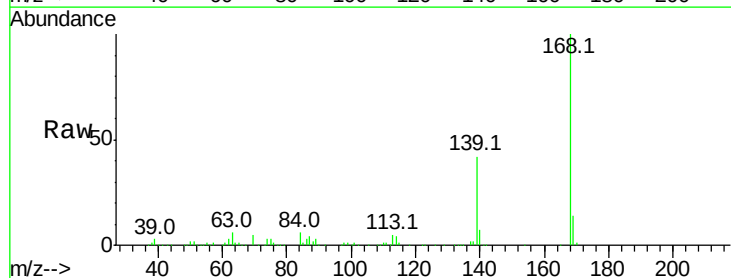
Instrument :
 BNA_F
 ClientSampleId :

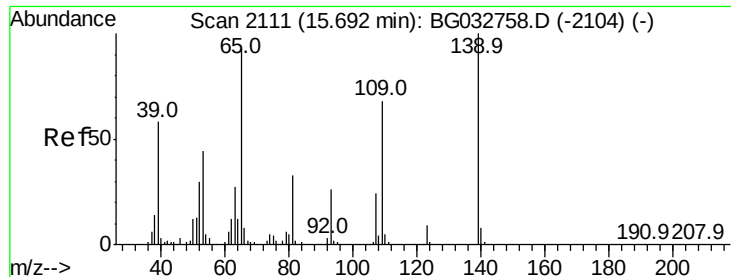
Tot Ion:184 Resp: 14822
 Ion Ratio Lower Upper
 184 100
 63 90.1 59.8 89.8#
 154 295.5 101.8 152.8#



#54
 Dibenzofuran
 Concen: 36.615 ng
 RT: 15.91 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Tgt Ion:168 Resp: 502586
 Ion Ratio Lower Upper
 168 100
 139 42.3 28.6 43.0
 169 14.0 11.2 16.8

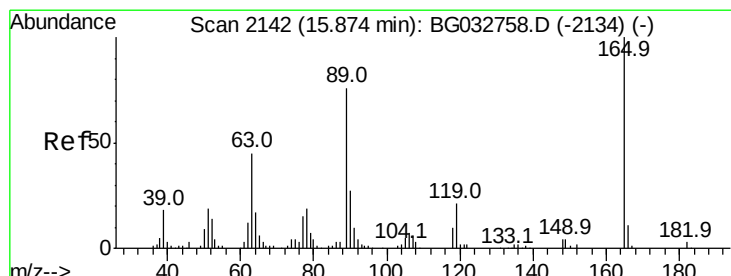
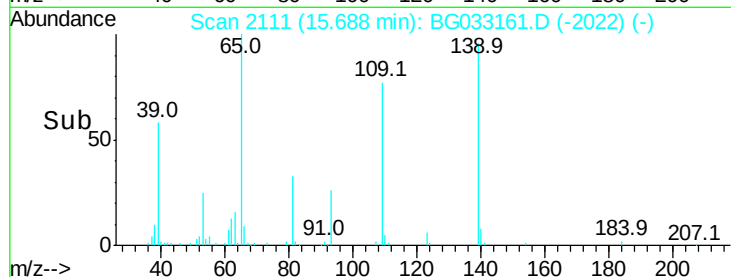
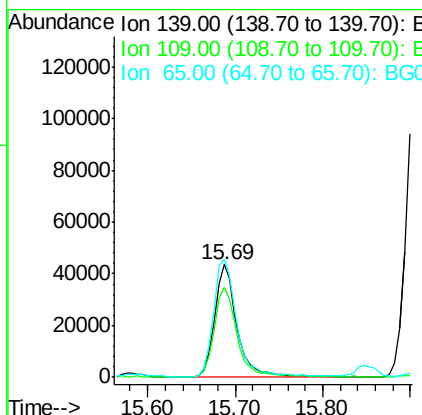
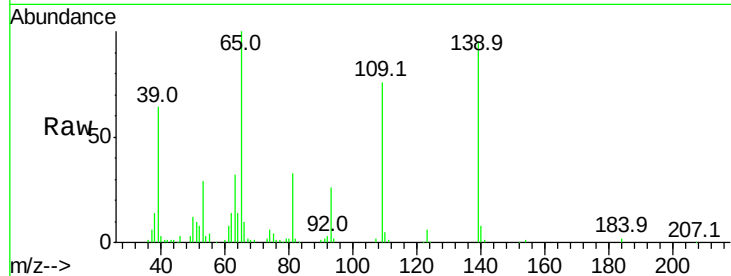




#55
4-Nitrophenol
Concen: 42.376 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

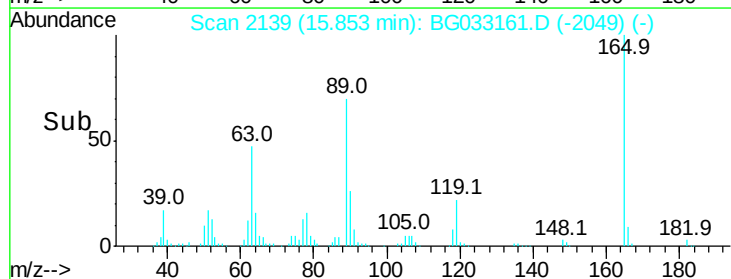
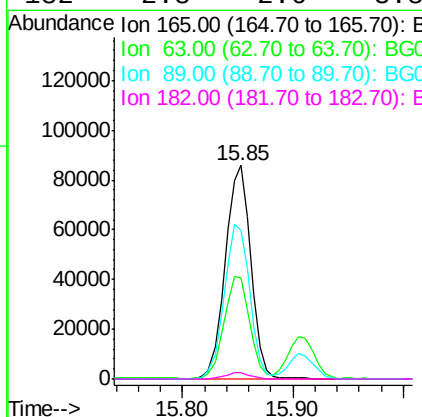
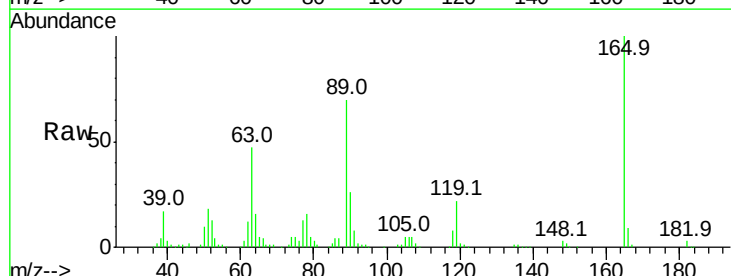
Instrument :
BNA_F
ClientSampled :

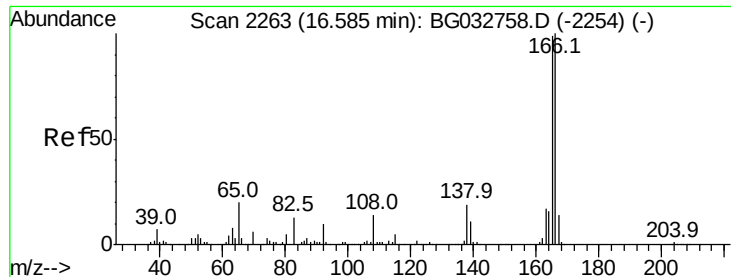
Tot Ion:139 Resp: 77982
Ion Ratio Lower Upper
139 100
109 80.2 62.2 102.2
65 105.3 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 55.958 ng
RT: 15.85 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Tgt Ion:165 Resp: 139142
Ion Ratio Lower Upper
165 100
63 47.2 42.0 63.0
89 69.7 66.9 100.3
182 2.8 2.6 3.8





#57

Fluorene

Concen: 36.583 ng

RT: 16.55 min Scan# 2258

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

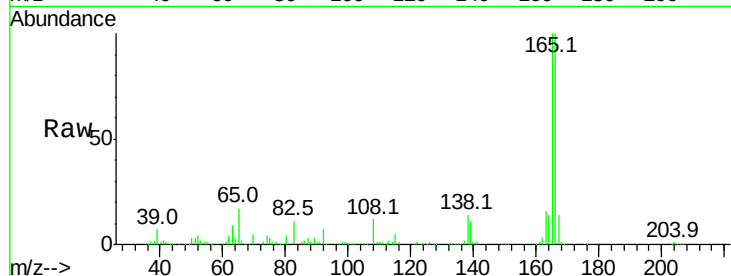
Tot Ion:166 Resp: 414457

Ion Ratio Lower Upper

166 100

165 100.4 80.6 121.0

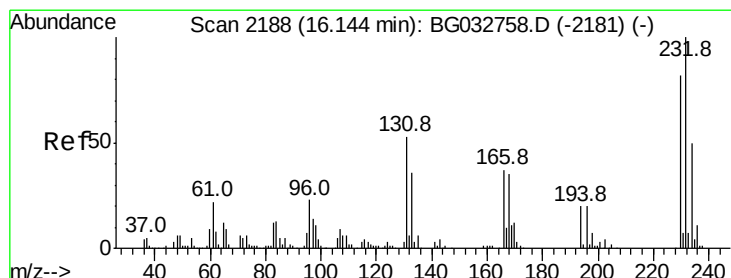
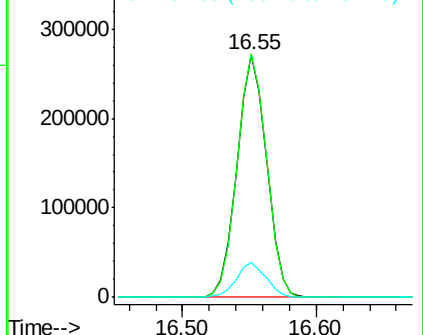
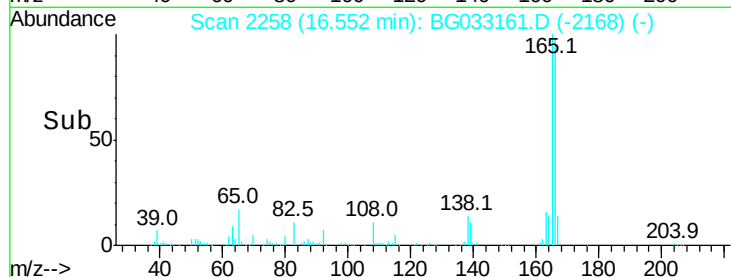
167 14.4 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.893 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Tgt Ion:232 Resp: 111816

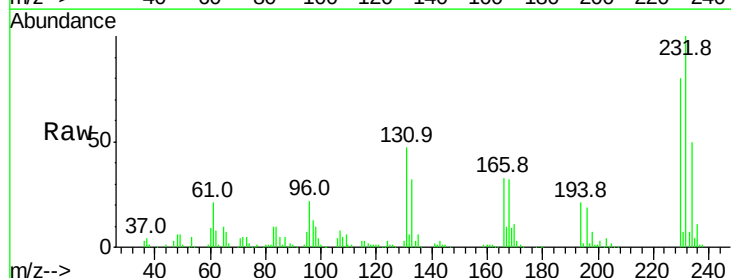
Ion Ratio Lower Upper

232 100

131 50.0 33.5 50.3

130 3.0 2.2 3.2

166 33.2 24.8 37.2

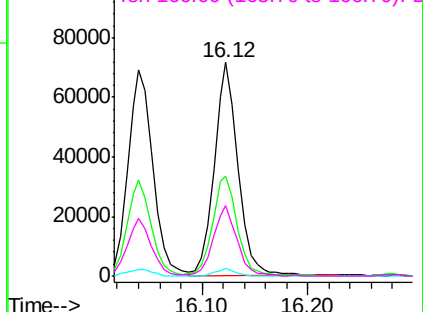
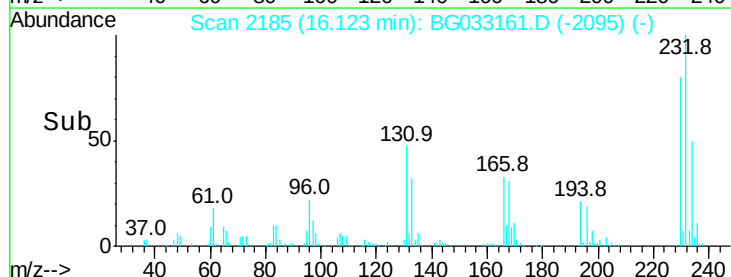


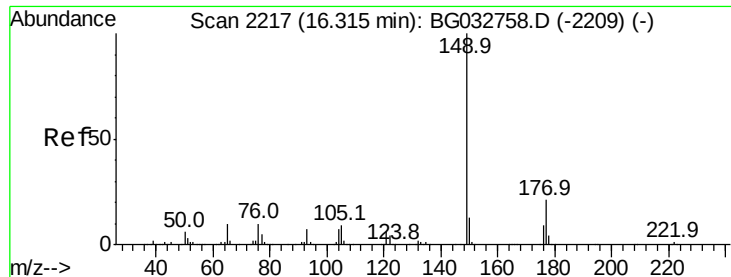
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

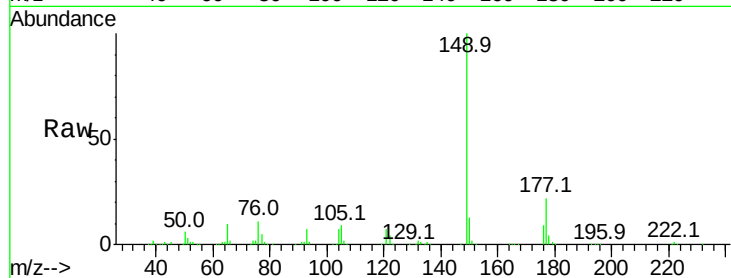




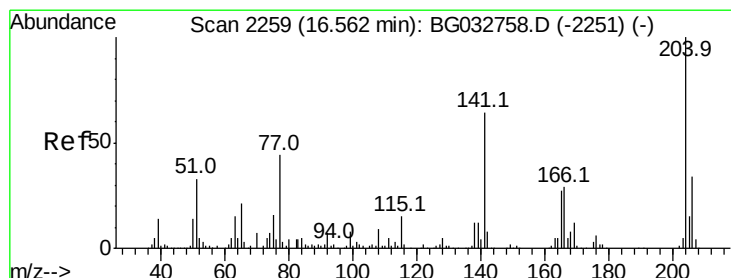
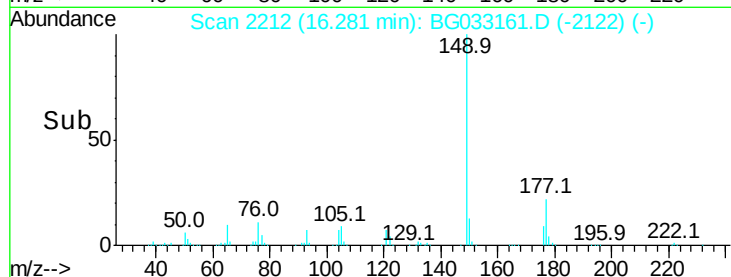
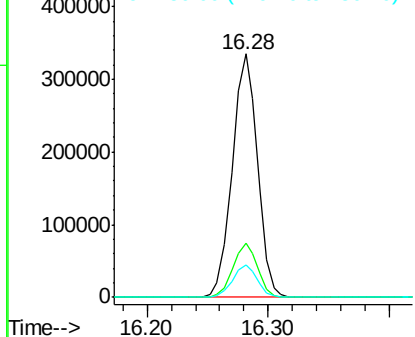
#59
Diethylphthalate
Concen: 37.453 ng
RT: 16.28 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 485814
Ion Ratio Lower Upper
149 100
177 22.1 18.5 27.7
150 13.2 10.2 15.2

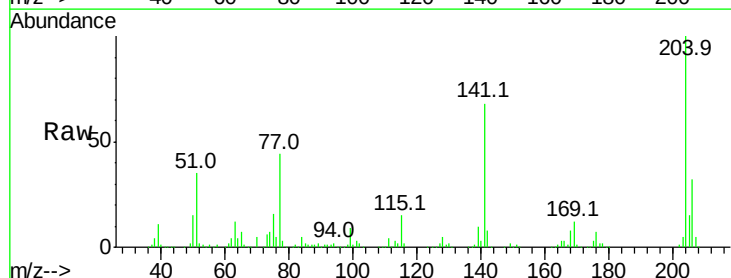


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

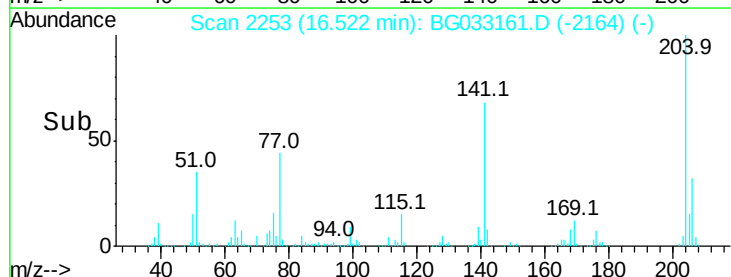
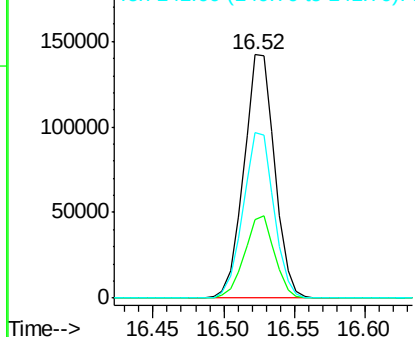


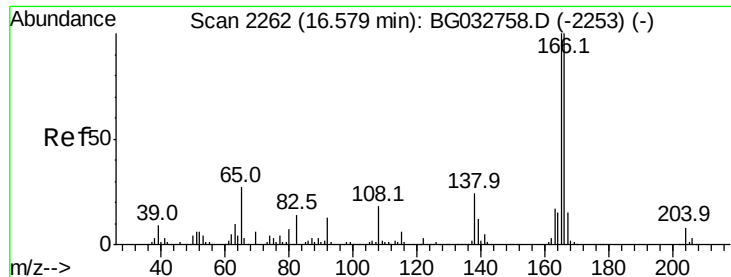
#60
4-Chlorophenyl-phenylether
Concen: 39.101 ng
RT: 16.52 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Tgt Ion:204 Resp: 216699
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 68.2 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

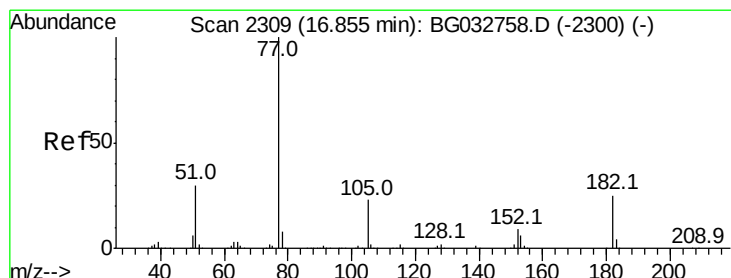
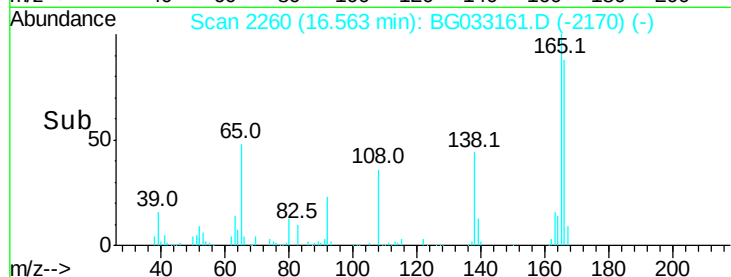
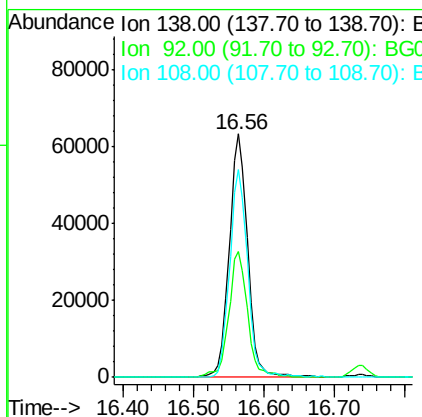
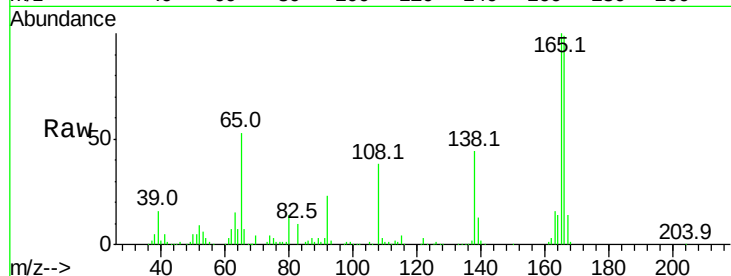




#61
4-Nitroaniline
Concen: 43.780 ng
RT: 16.56 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

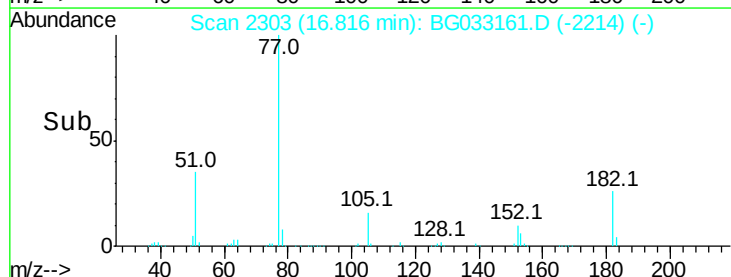
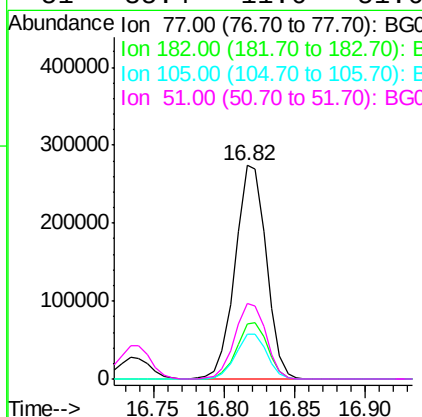
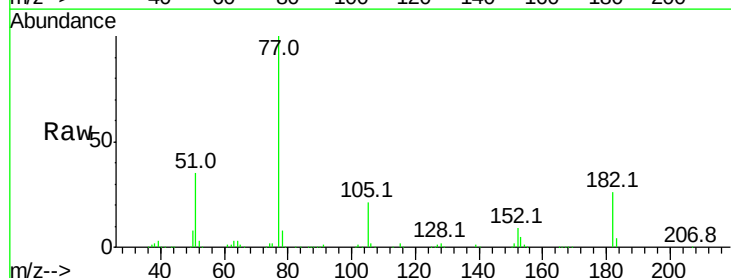
Instrument :
BNA_F
ClientSampleId :

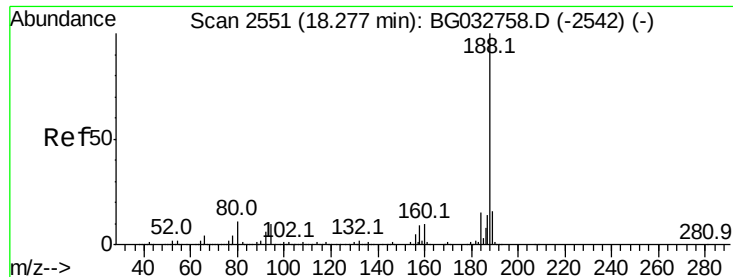
Tot Ion:138 Resp: 115164
Ion Ratio Lower Upper
138 100
92 51.5 40.1 80.1
108 85.2 65.4 105.4



#62
Azobenzene
Concen: 36.334 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Tgt Ion: 77 Resp: 421623
Ion Ratio Lower Upper
77 100
182 25.5 7.4 47.4
105 20.8 0.3 40.3
51 35.4 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

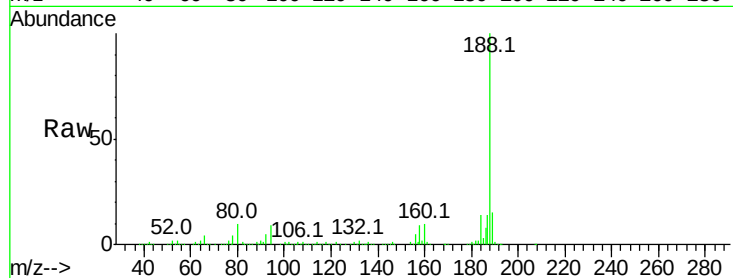
Tot Ion:188 Resp: 340818

Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

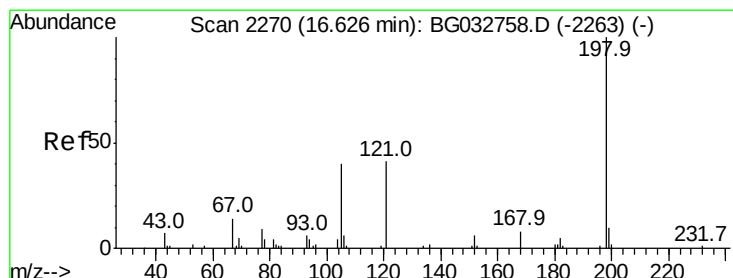
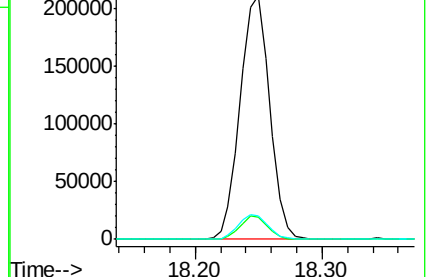
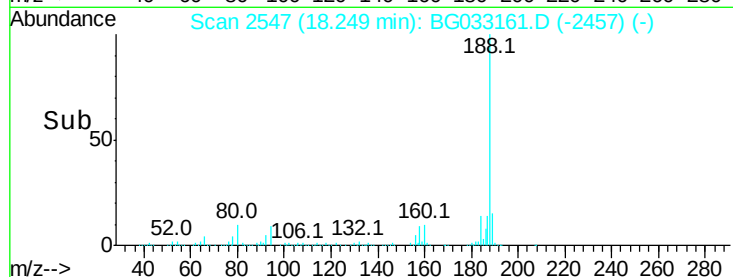
80 9.8 7.7 11.5



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: 47.242 ng

RT: 16.61 min Scan# 2268

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

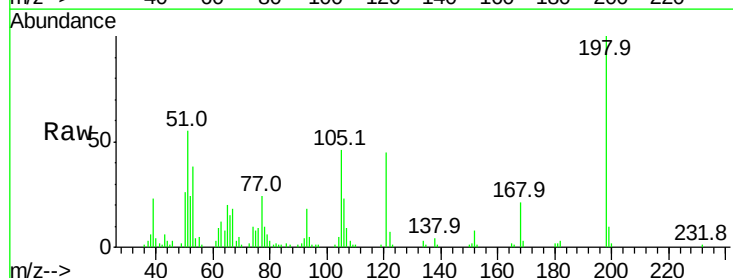
Tgt Ion:198 Resp: 46499

Ion Ratio Lower Upper

198 100

51 54.6 30.6 70.6

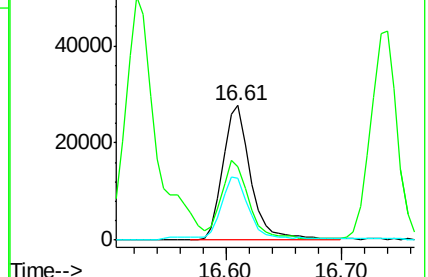
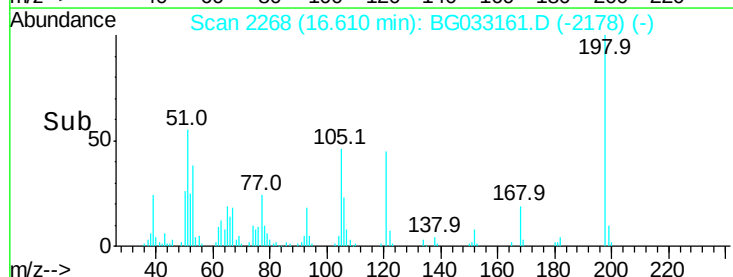
105 46.0 23.8 63.8

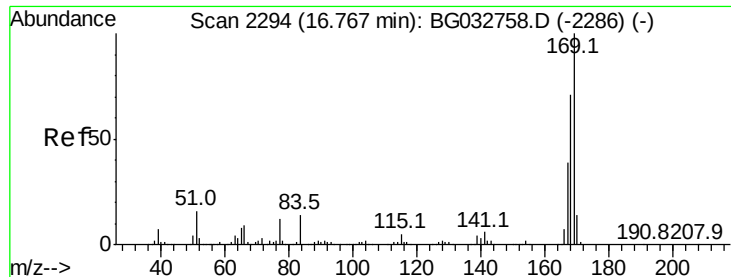


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.147 ng

RT: 16.74 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

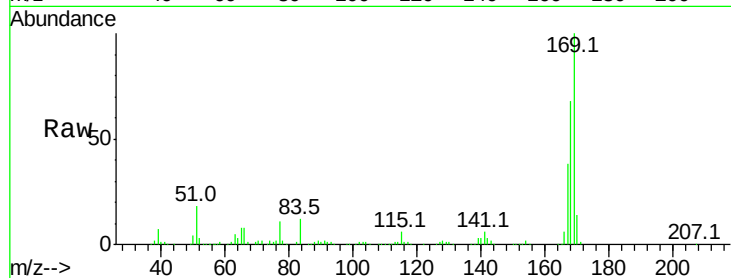
Tot Ion:169 Resp: 389688

Ion Ratio Lower Upper

169 100

168 68.4 55.7 83.5

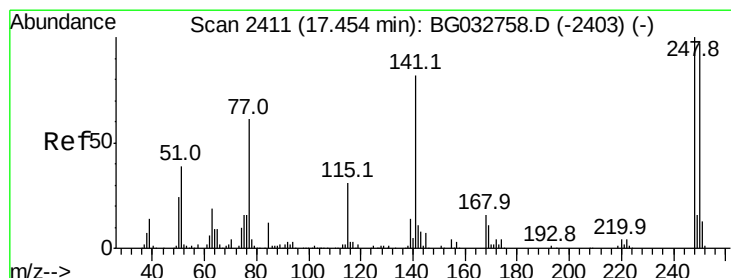
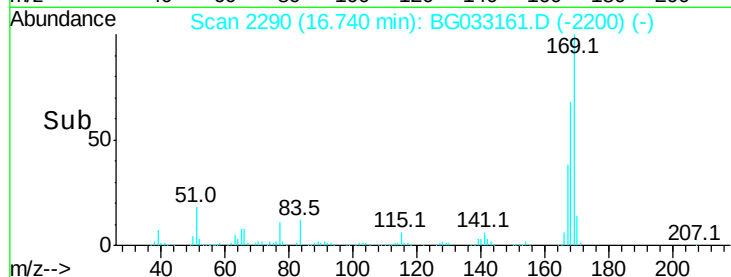
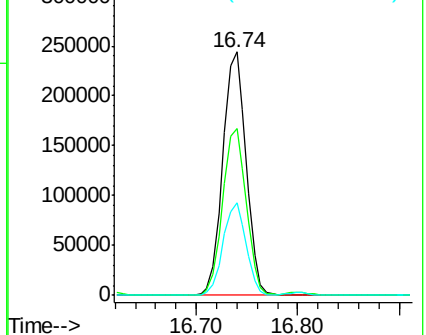
167 38.1 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.847 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

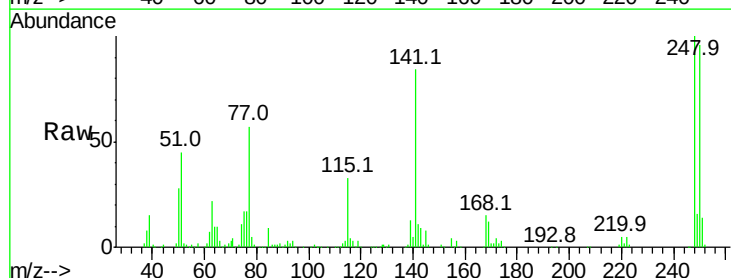
Tgt Ion:248 Resp: 139997

Ion Ratio Lower Upper

248 100

250 96.3 77.1 115.7

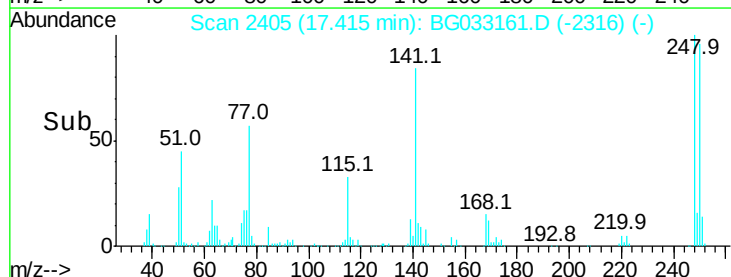
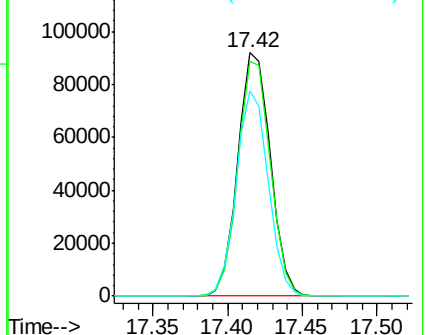
141 84.2 50.8 76.2#

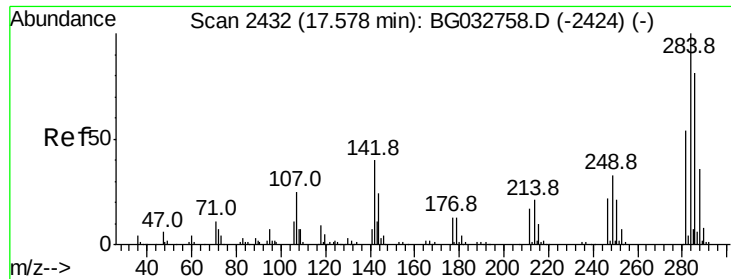


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.506 ng

RT: 17.55 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampled :

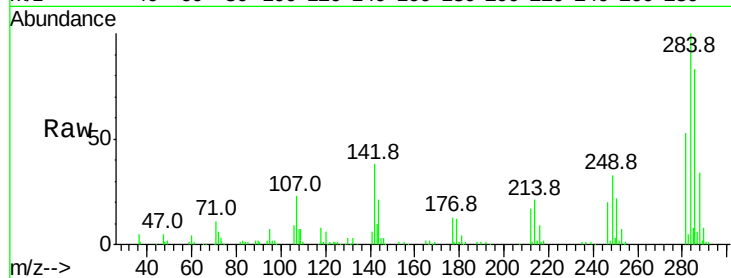
Tot Ion:284 Resp: 153853

Ion Ratio Lower Upper

284 100

142 37.8 26.8 40.2

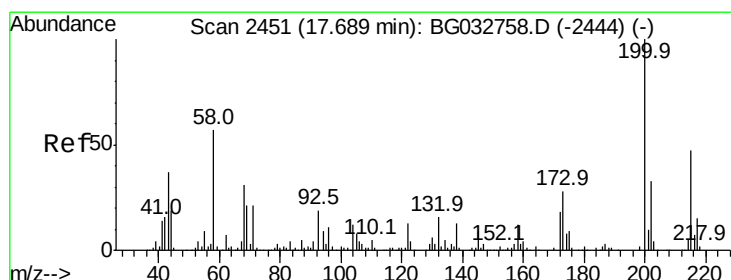
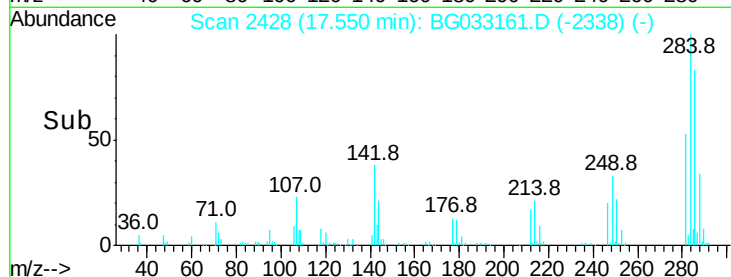
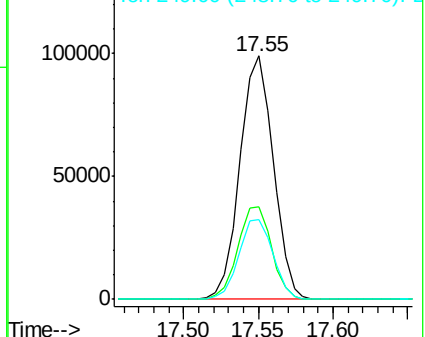
249 32.7 26.3 39.5



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: 35.862 ng

RT: 17.66 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

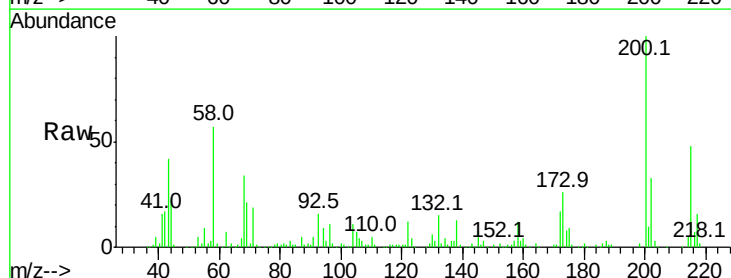
Tgt Ion:200 Resp: 130878

Ion Ratio Lower Upper

200 100

173 25.9 5.2 45.2

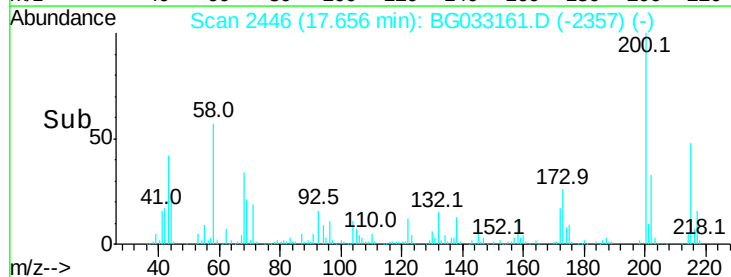
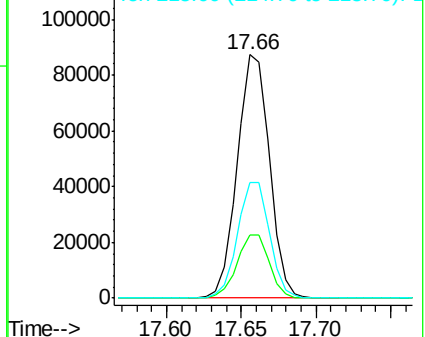
215 47.6 30.4 70.4

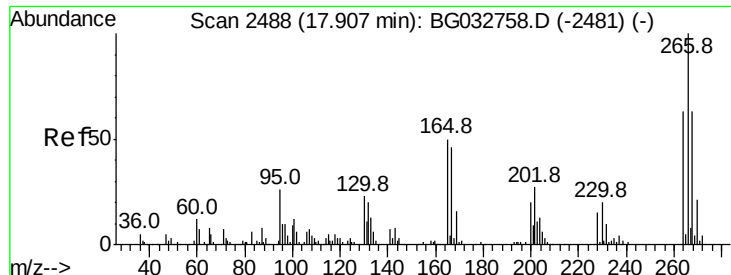


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 38.914 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG033161.D

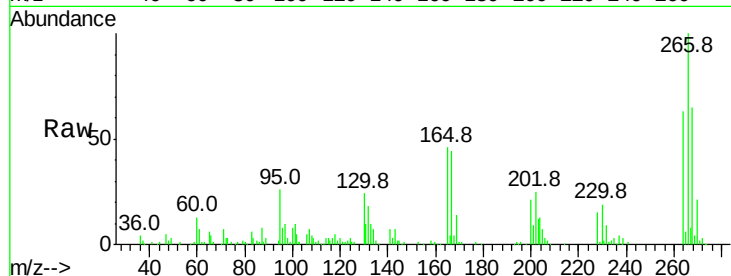
Acq: 15 Mar 2018 1:57

Instrument :

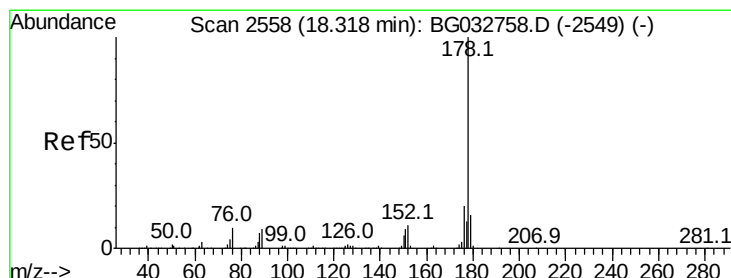
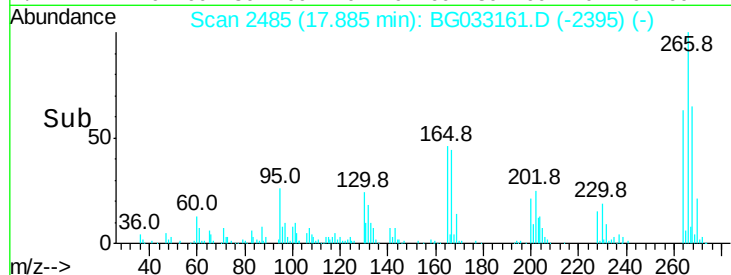
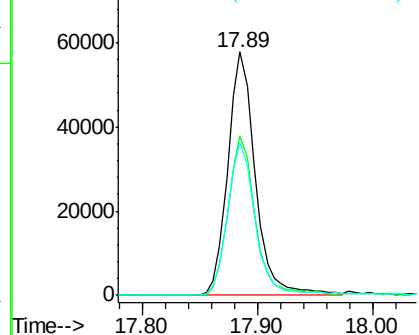
BNA_F

ClientSampleId :

Tot Ion:	266	Resp:	95457
Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.1	76.7
264	62.7	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: 35.711 ng

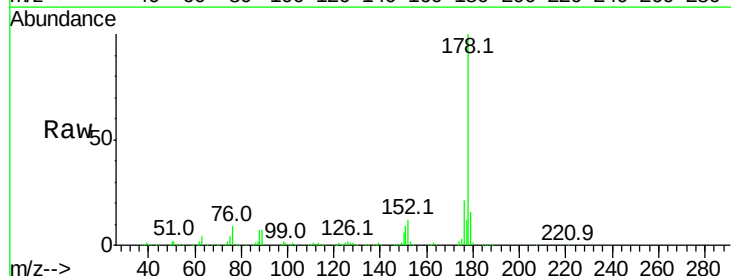
RT: 18.29 min Scan# 2554

Delta R.T. -0.00 min

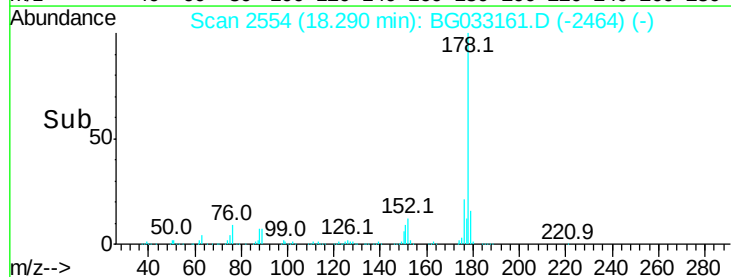
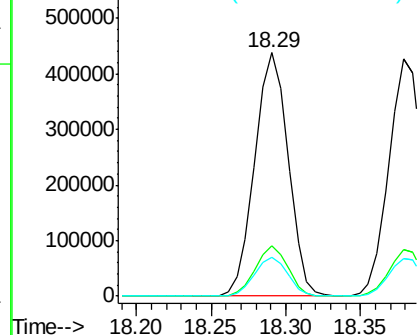
Lab File: BG033161.D

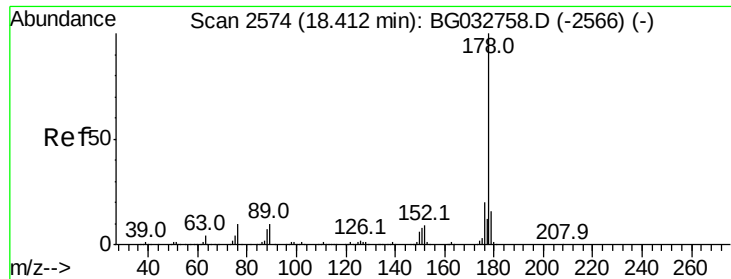
Acq: 15 Mar 2018 1:57

Tgt Ion:	178	Resp:	679027
Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.7	23.5
179	16.0	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

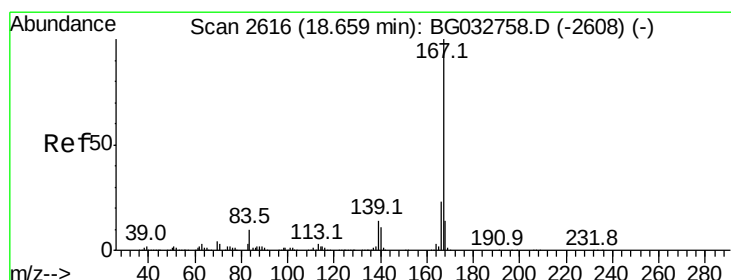
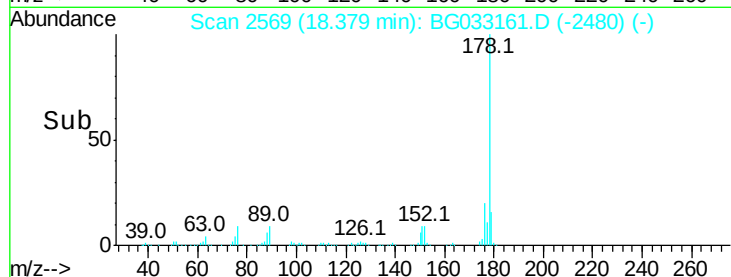
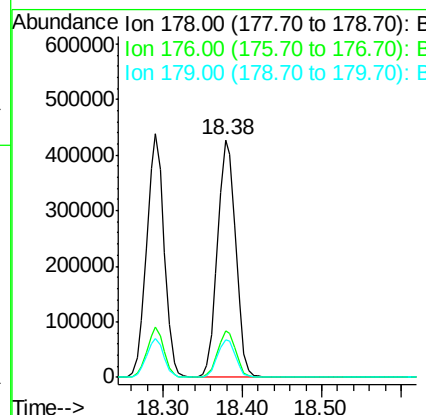
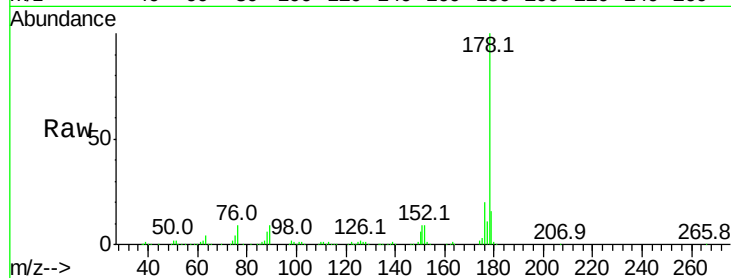




#71
 Anthracene
 Concen: 35.709 ng
 RT: 18.38 min Scan# 2569
 Delta R.T. -0.01 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

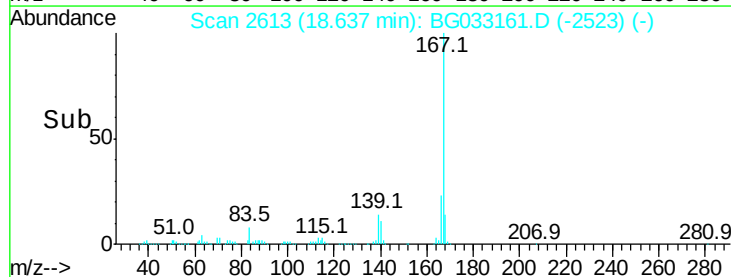
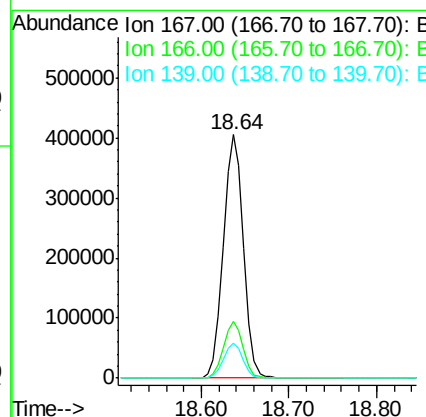
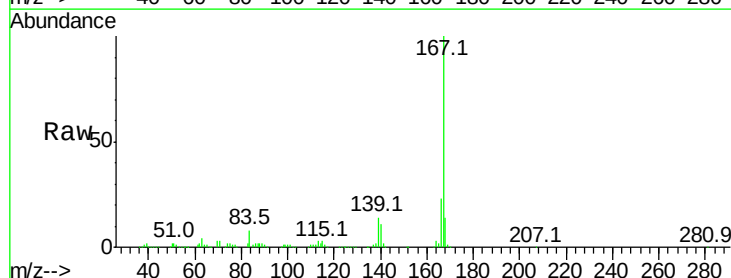
Instrument :
 BNA_F
 ClientSampled :

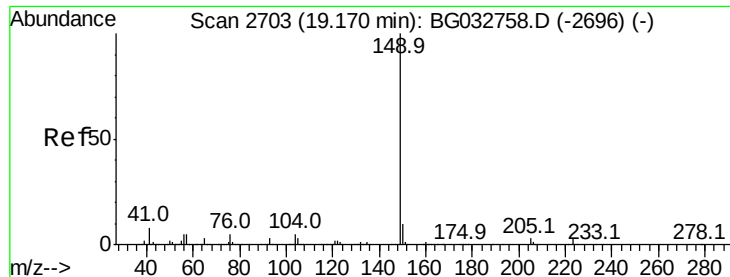
Tot Ion:178 Resp: 681665
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 34.204 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Tgt Ion:167 Resp: 643577
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.4
 139 14.3 9.4 14.2#

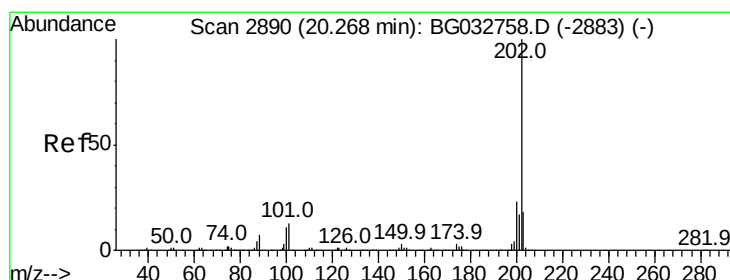
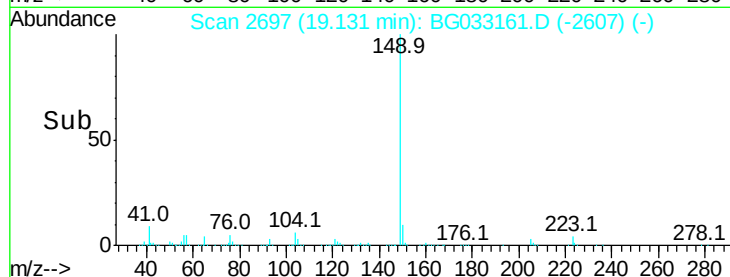
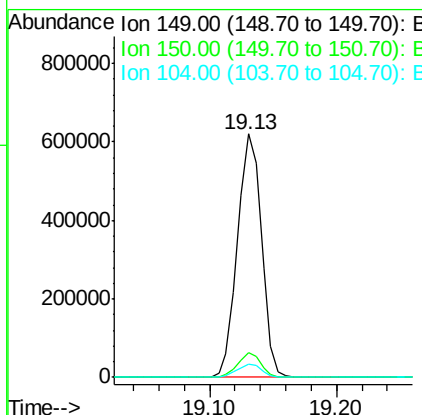
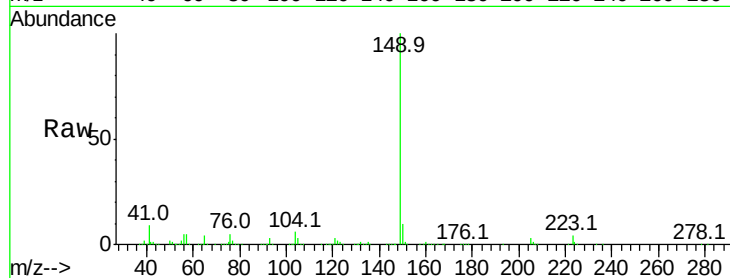




#73
Di-n-butylphthalate
Concen: 35.107 ng
RT: 19.13 min Scan# 2697
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

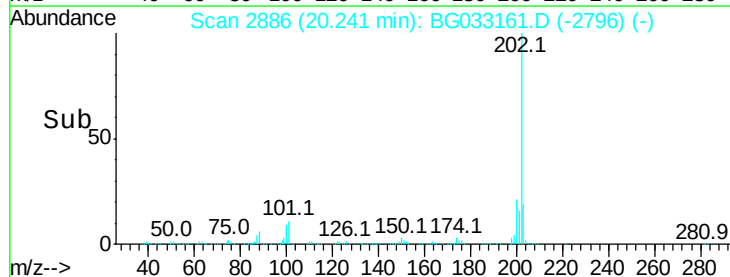
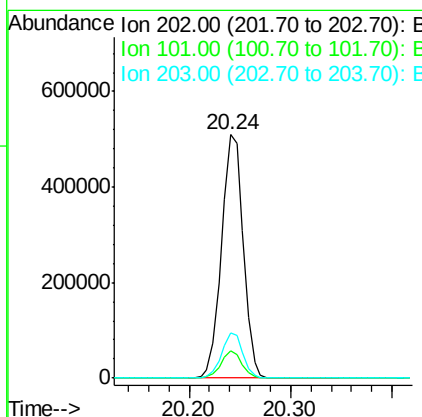
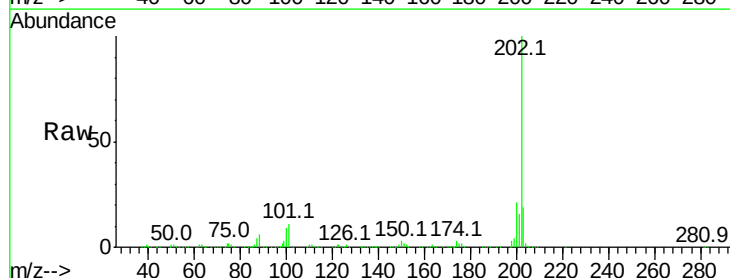
Instrument :
BNA_F
ClientSampleId :

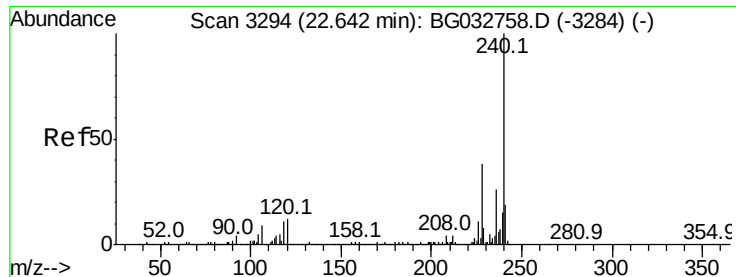
Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	5.7	3.9	5.9



#74
Fluoranthene
Concen: 35.976 ng
RT: 20.24 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	28.9
203	18.8	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

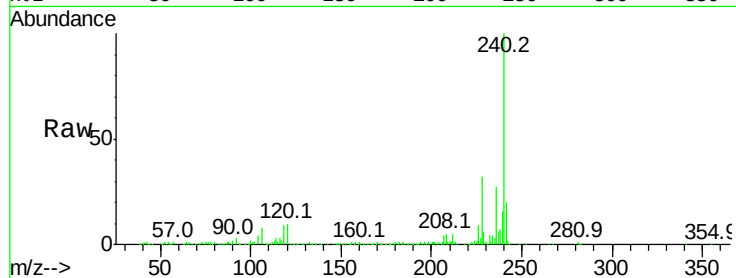
Tot Ion:240 Resp: 303886

Ion Ratio Lower Upper

240 100

120 9.9 6.8 10.2

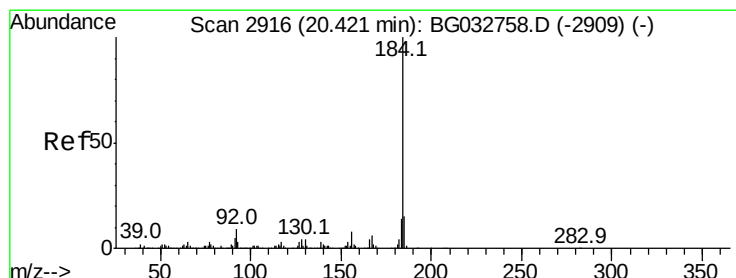
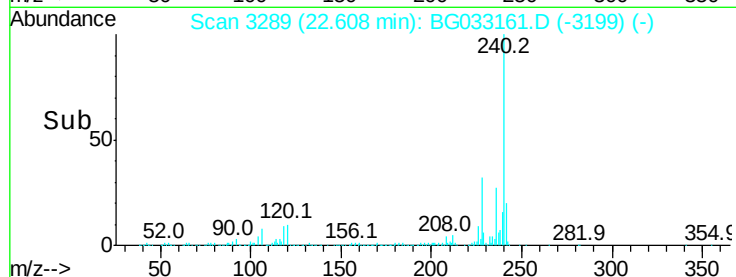
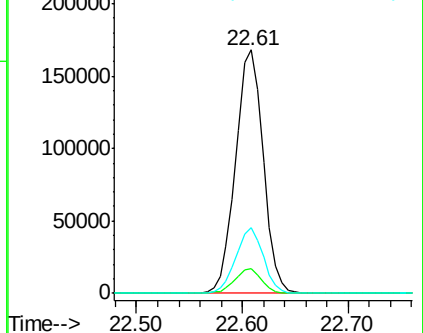
236 27.1 20.9 31.3



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: 35.956 ng

RT: 20.40 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

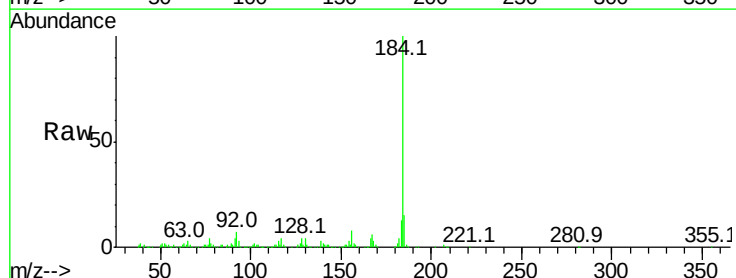
Tgt Ion:184 Resp: 372448

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

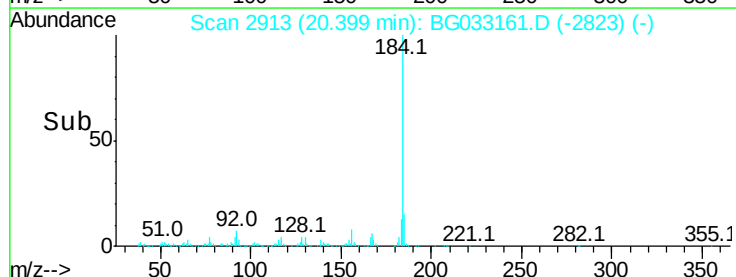
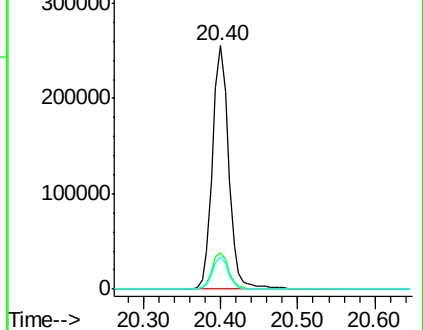
183 13.2 10.6 16.0

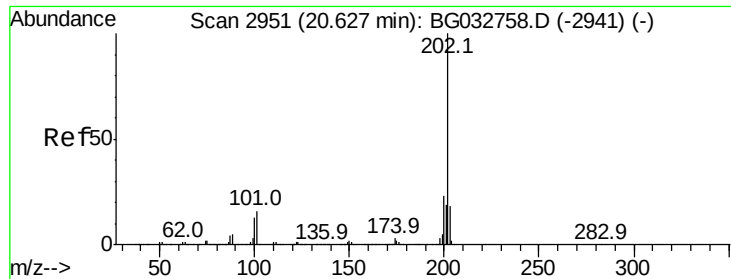


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

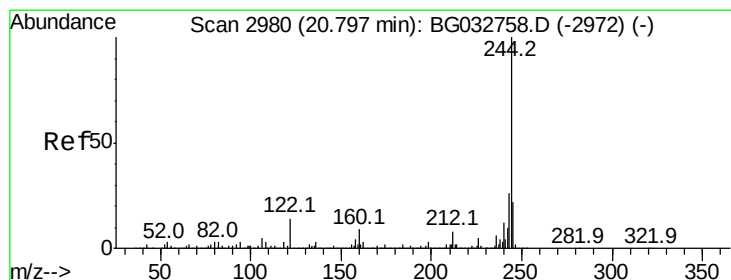
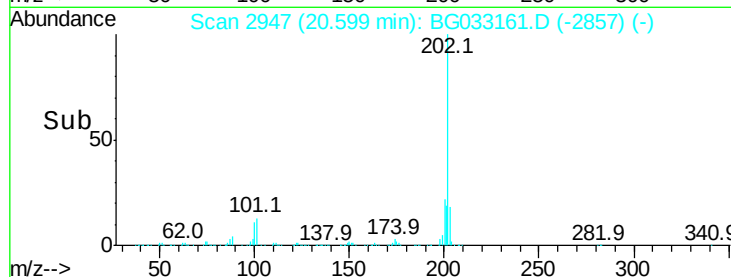
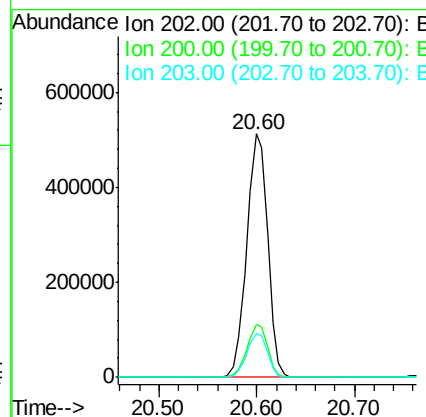
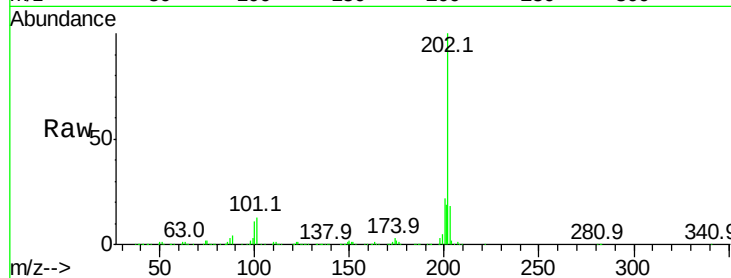




#77
 Pvrene
 Concen: 35.817 ng
 RT: 20.60 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

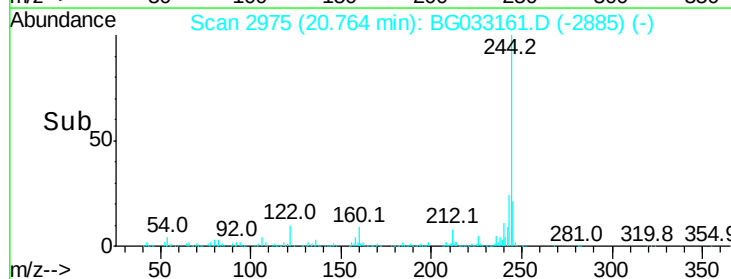
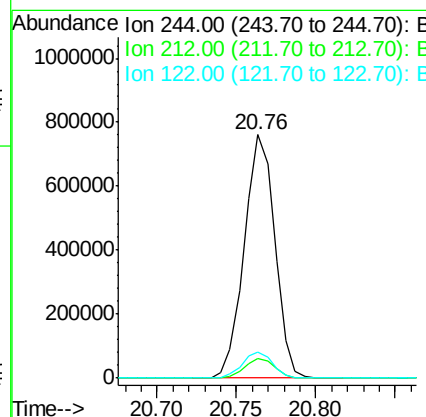
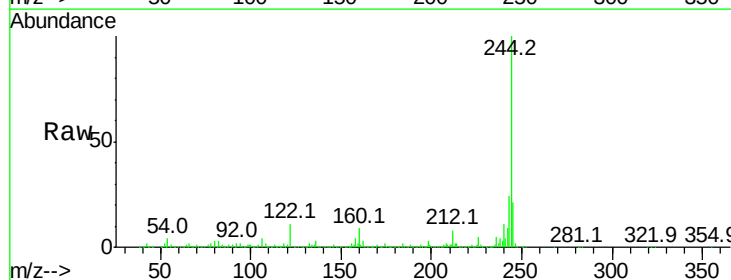
Instrument :
 BNA_F
 ClientSampleId :

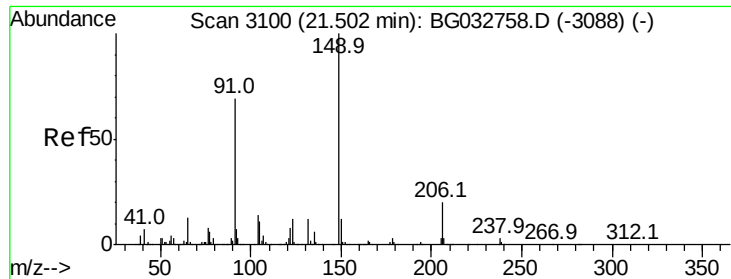
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.0	13.9	20.9



#78
 Terphenyl-d14
 Concen: 75.371 ng
 RT: 20.76 min Scan# 2975
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	10.6	7.0	10.4

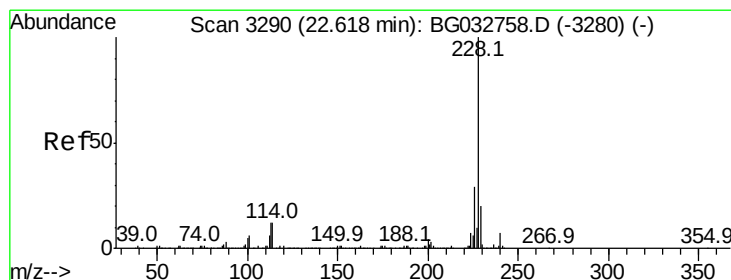
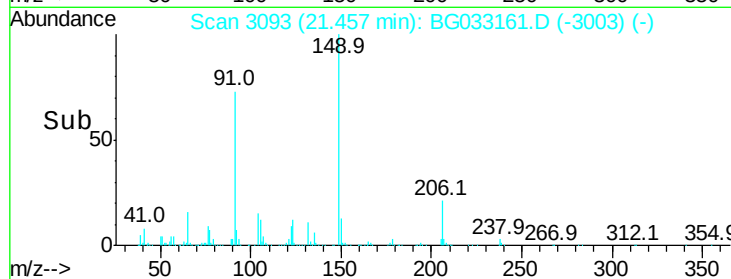
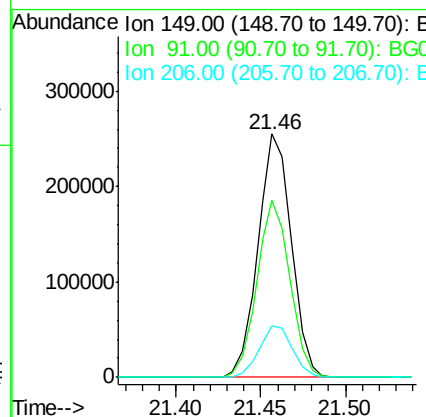
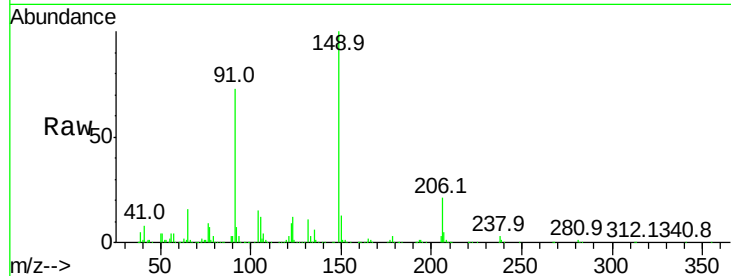




#79
Butylbenzylphthalate
Concen: 36.638 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

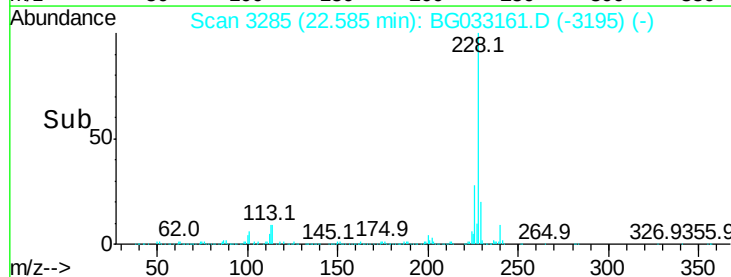
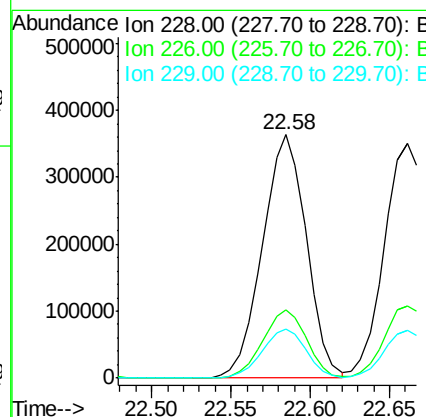
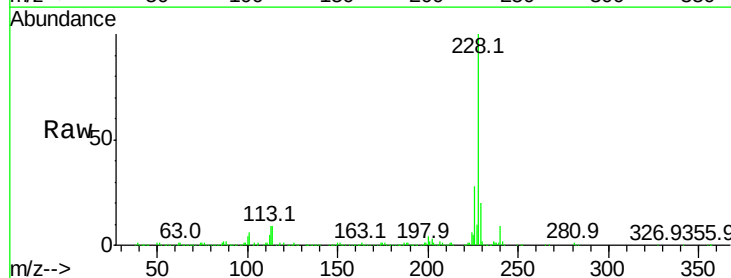
Instrument :
BNA_F
ClientSampleId :

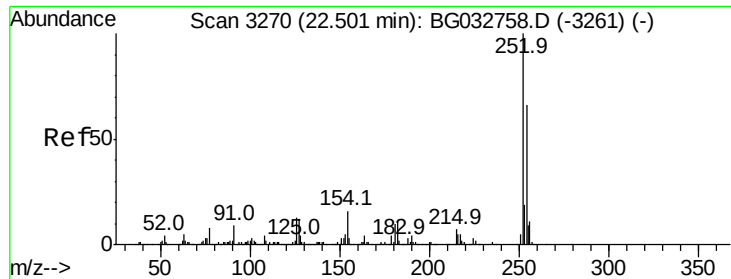
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.6	62.2	93.2
206	21.2	18.6	27.8



#80
Benzo(a)anthracene
Concen: 35.890 ng
RT: 22.58 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.7	34.1
229	20.0	16.2	24.2

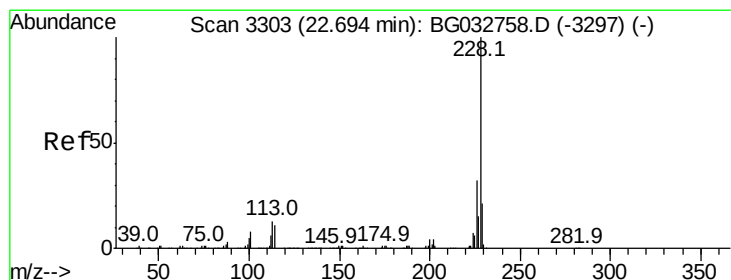
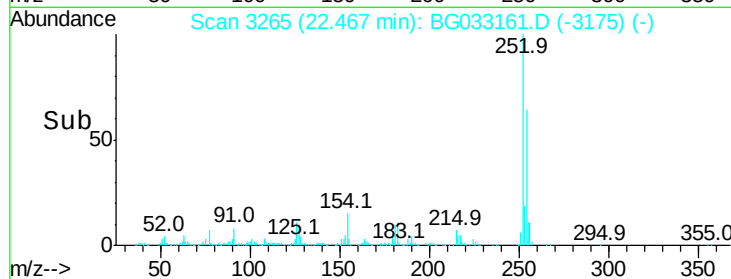
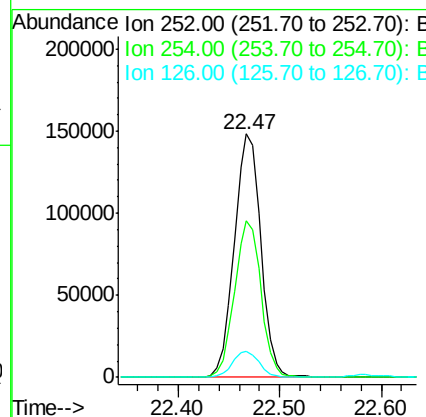
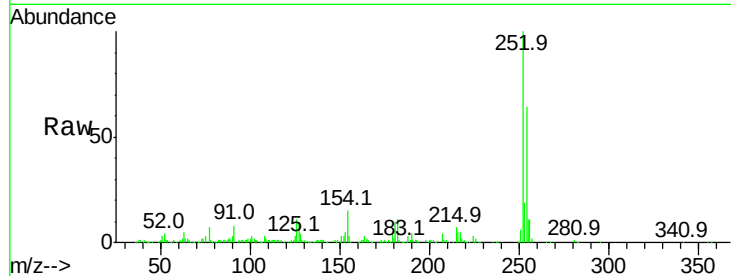




#81
 3,3'-Dichlorobenzidine
 Concen: 37.382 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

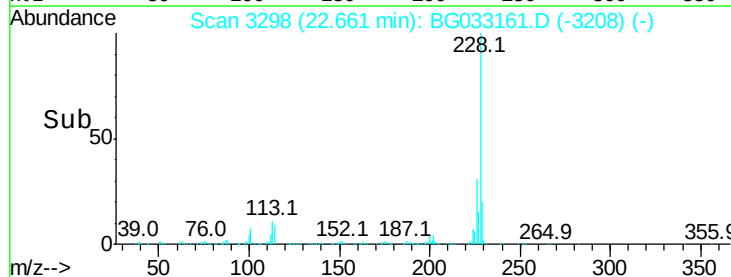
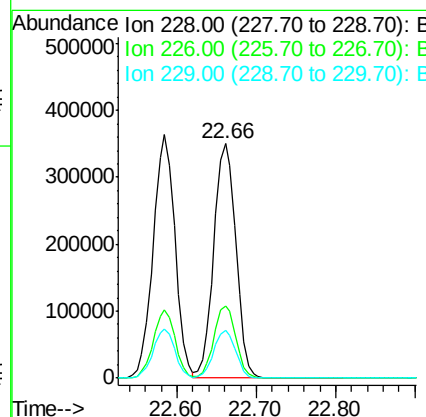
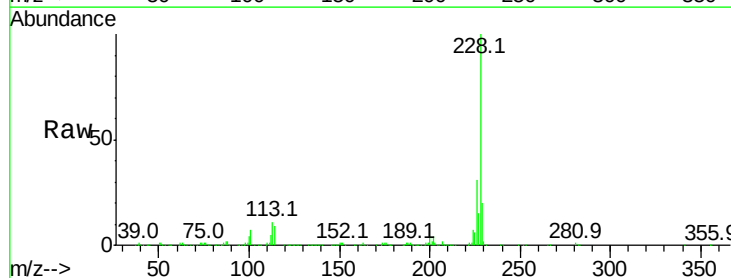
Instrument :
 BNA_F
 ClientSampleId :

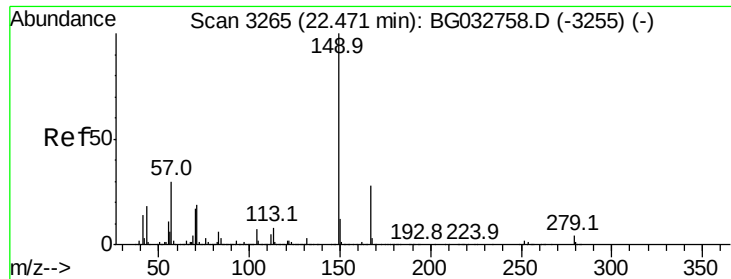
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.8	76.2
126	10.6	7.4	11.2



#82
 Chrysene
 Concen: 36.337 ng
 RT: 22.66 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.3	15.0	22.4

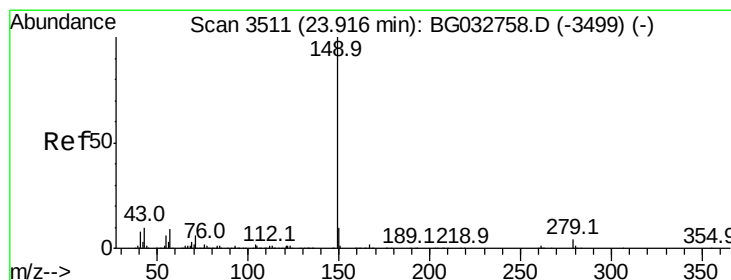
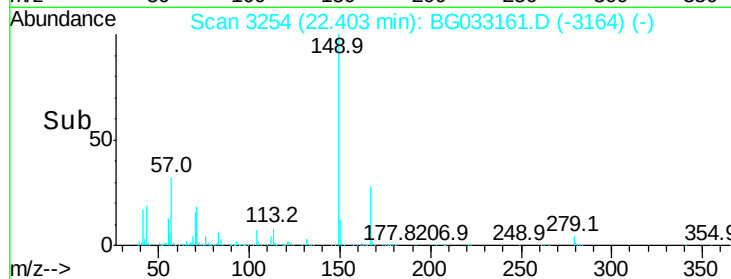
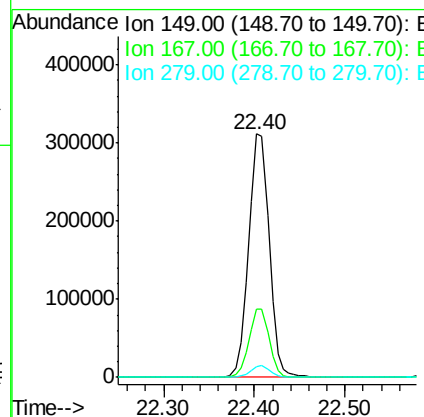
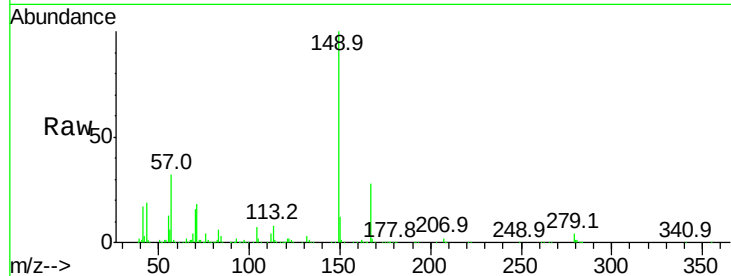




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.797 ng
 RT: 22.40 min Scan# 3254
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

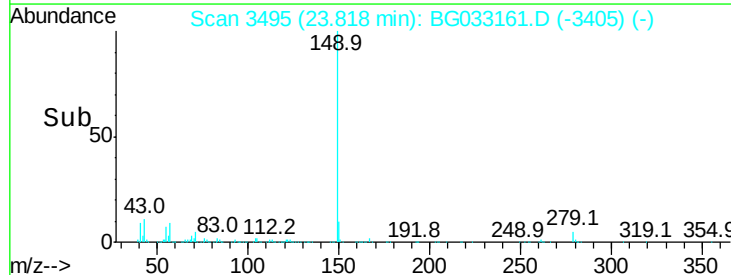
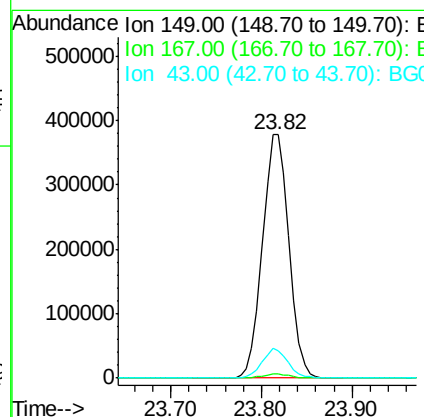
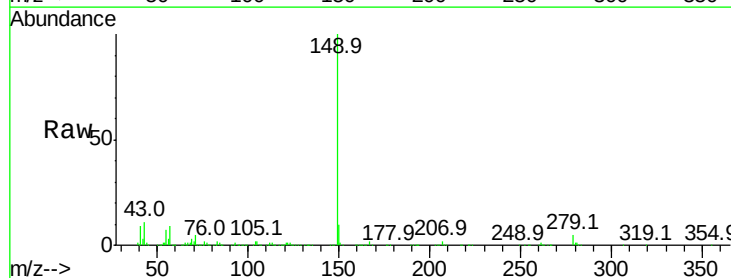
Instrument :
 BNA_F
 ClientSampleId :

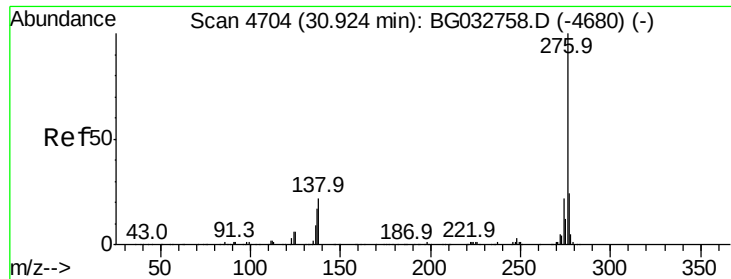
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.1	24.3	36.5
279	4.3	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 35.792 ng
 RT: 23.82 min Scan# 3495
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	11.5	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.596 ng

RT: 30.83 min Scan# 4689

Delta R.T. 0.01 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampleId :

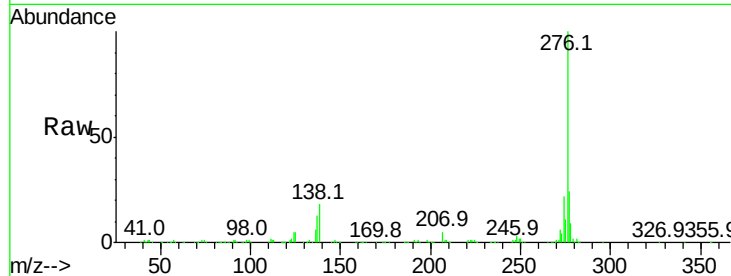
Tot Ion:276 Resp: 816178

Ion Ratio Lower Upper

276 100

138 15.1 16.0 24.0#

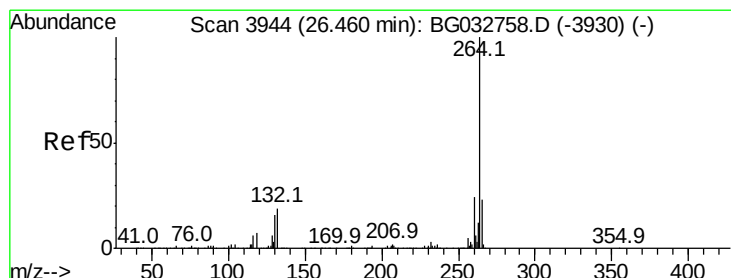
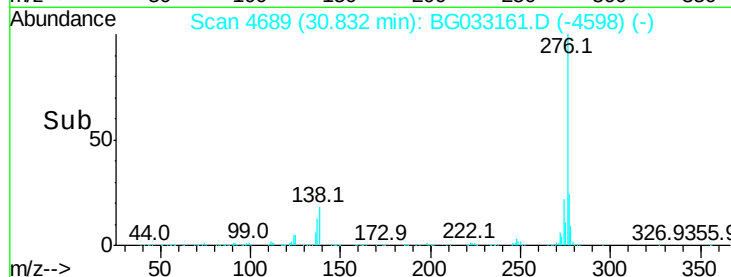
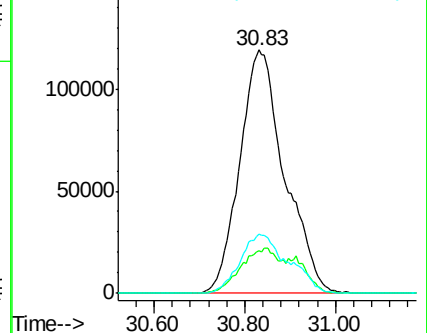
277 26.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3936

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

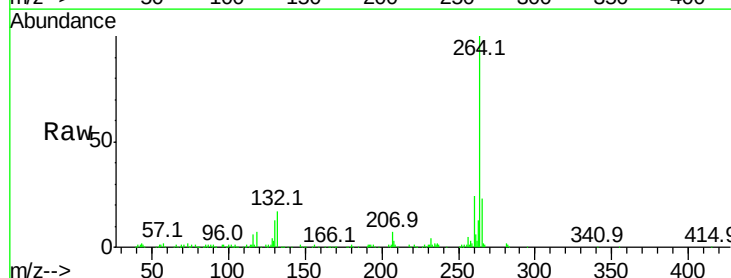
Tgt Ion:264 Resp: 330006

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

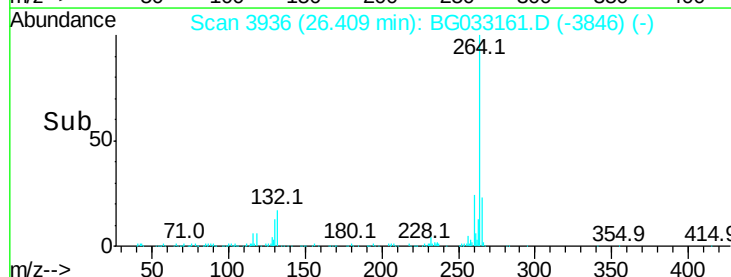
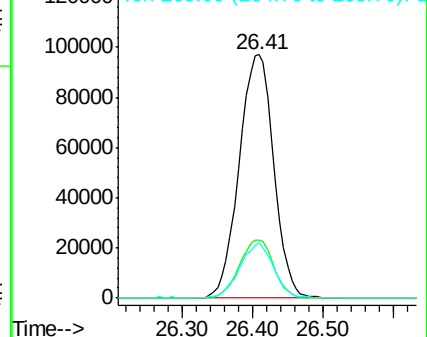
265 22.7 17.7 26.5

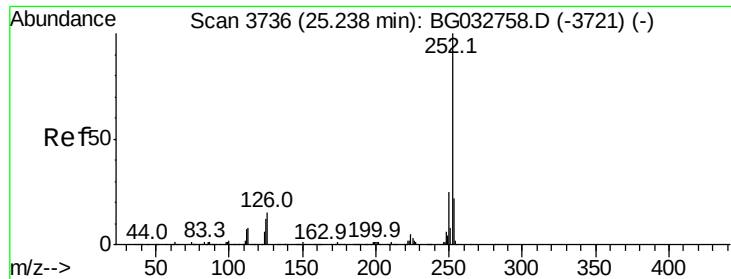


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

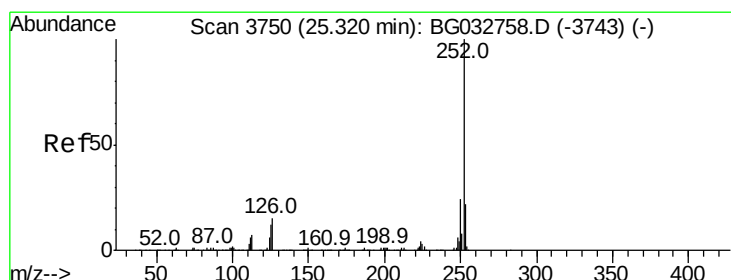
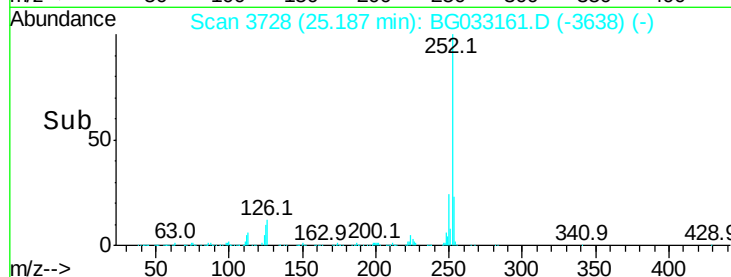
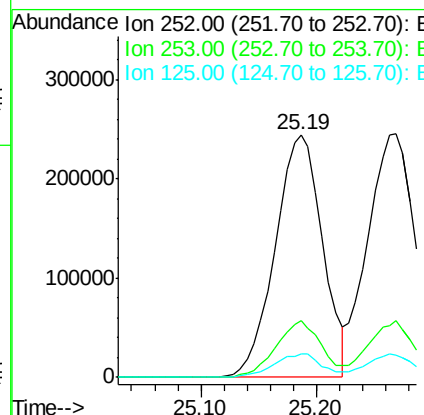
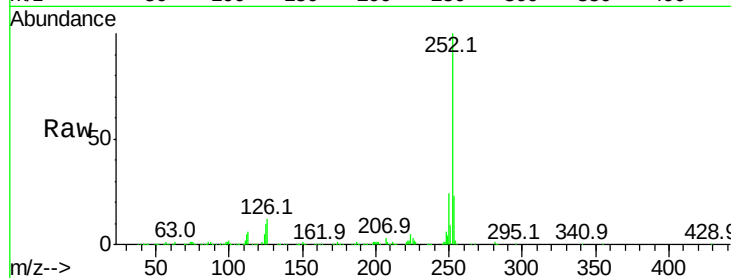




#87
Benzo(b)fluoranthene
Concen: 35.557 ng
RT: 25.19 min Scan# 3728
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

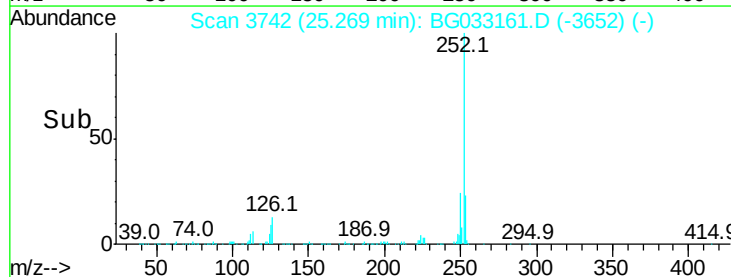
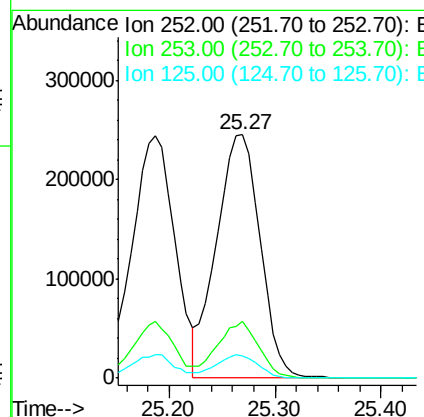
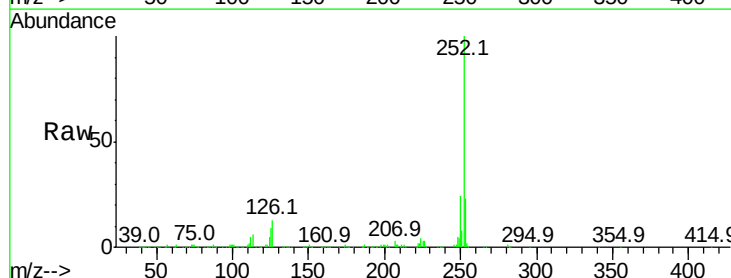
Instrument :
BNA_F
ClientSampleId :

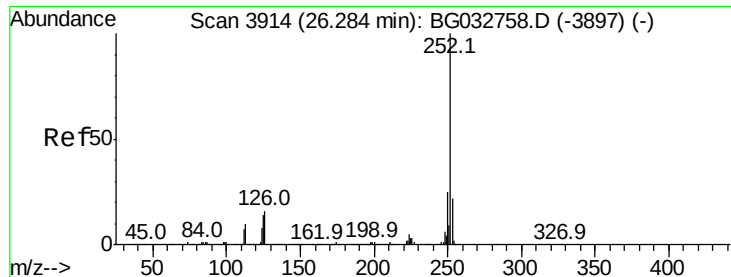
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	9.5	7.2	10.8



#88
Benzo(k)fluoranthene
Concen: 36.090 ng
RT: 25.27 min Scan# 3742
Delta R.T. -0.00 min
Lab File: BG033161.D
Acq: 15 Mar 2018 1:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	9.3	6.6	9.8





#89

Benzo(a)pyrene

Concen: 36.113 ng

RT: 26.23 min Scan# 3905

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

Instrument :

BNA_F

ClientSampled :

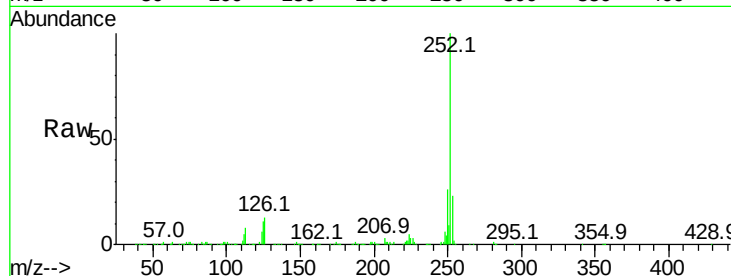
Tot Ion:252 Resp: 670215

Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

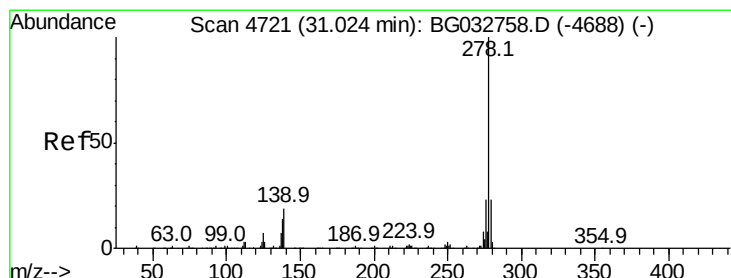
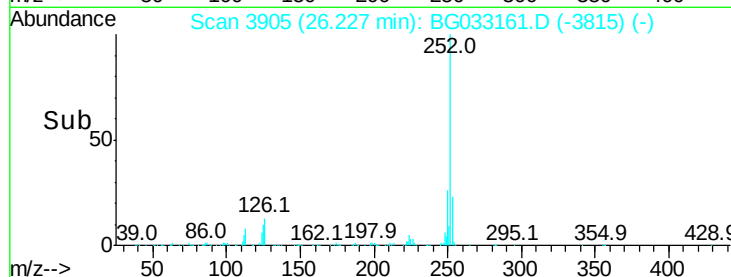
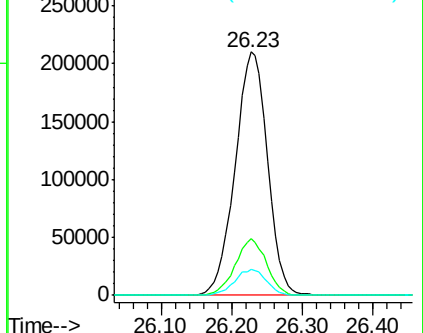
125 10.7 7.3 10.9



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: 36.672 ng

RT: 30.91 min Scan# 4703

Delta R.T. -0.00 min

Lab File: BG033161.D

Acq: 15 Mar 2018 1:57

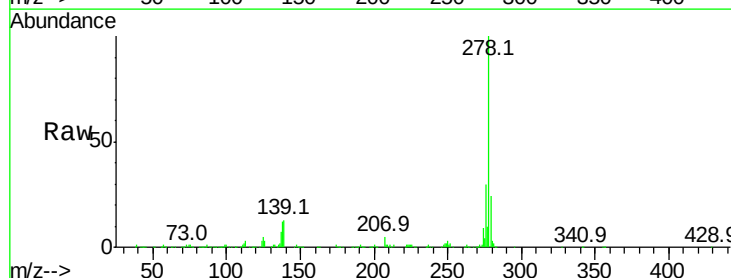
Tgt Ion:278 Resp: 685057

Ion Ratio Lower Upper

278 100

139 13.4 9.8 14.6

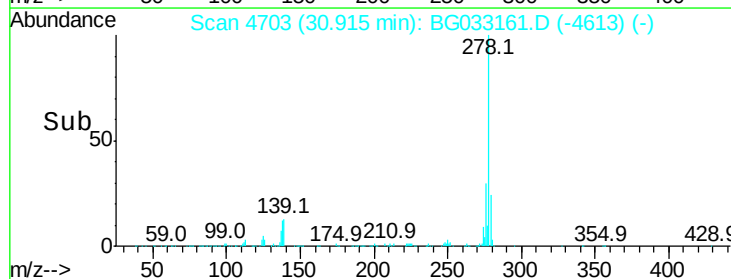
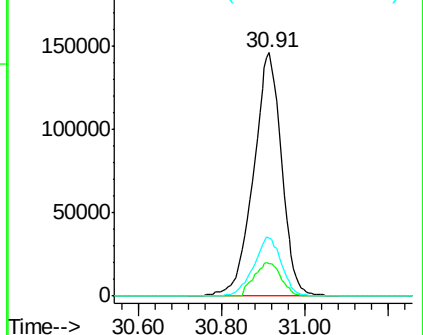
279 23.9 18.4 27.6

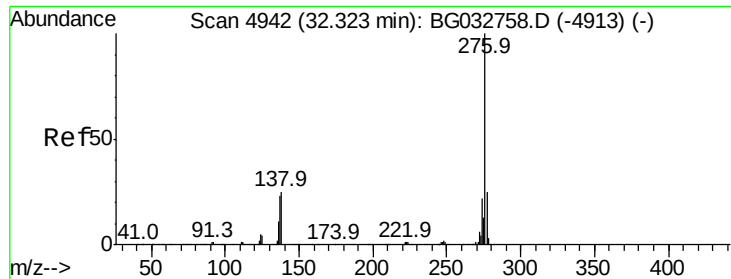


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.663 ng
 RT: 32.24 min Scan# 4928
 Delta R.T. -0.00 min
 Lab File: BG033161.D
 Acq: 15 Mar 2018 1:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 675140
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.3 27.5
 138 17.4 13.9 20.9

