

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
 Data File : BG031643.D
 Acq On : 18 Dec 2017 20:51
 Operator : SJ/JU
 Sample : I6680-12MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 07:04:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	74286	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	322982	20.00	ng	-0.01
38) Acenaphthene-d10	14.72	164	220976	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	563452	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	594410	20.00	ng	-0.01
86) Perylene-d12	25.02	264	513614	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	651131	155.36	ng	0.00
7) Phenol-d6	7.27	99	790649	135.90	ng	0.00
23) Nitrobenzene-d5	9.27	82	538934	102.85	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	466120	180.05	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1522324	101.12	ng	0.00
78) Terphenyl-d14	20.06	244	2632886	100.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	66322	33.166	ng	# 81
3) Pyridine	3.93	79	183646	34.881	ng	86
4) n-Nitrosodimethylamine	3.83	42	93896	37.863	ng	# 91
6) Aniline	7.42	93	74697	9.749	ng	96
8) 2-Chlorophenol	7.67	128	240904	51.532	ng	90
9) Benzaldehyde	7.23	77	77682	23.035	ng	91
10) Phenol	7.30	94	268804	44.975	ng	90
11) bis(2-Chloroethyl)ether	7.51	93	217908	44.671	ng	87
12) 1,3-Dichlorobenzene	8.13	146	265406	47.741	ng	96
13) 1,4-Dichlorobenzene	8.13	146	265406	45.936	ng	95
14) 1,2-Dichlorobenzene	8.45	146	257023	46.699	ng	98
15) Benzyl Alcohol	8.34	79	182446	40.087	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.62	45	305251	55.700	ng	88
17) 2-Methylphenol	8.55	107	205447	50.427	ng	96
18) Hexachloroethane	9.18	117	92538	47.515	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	170451	37.222	ng	# 94
20) 3+4-Methylphenols	8.88	107	274535	45.234	ng	98
22) Acetophenone	8.92	105	365761	47.205	ng	# 92
24) Nitrobenzene	9.31	77	264072	49.179	ng	# 86
25) Isophorone	9.83	82	493239	49.807	ng	# 91
26) 2-Nitrophenol	10.02	139	145013	54.615	ng	# 87
27) 2,4-Dimethylphenol	10.08	122	241889	59.971	ng	94
28) bis(2-Chloroethoxy)methane	10.30	93	300405	46.987	ng	96
29) 2,4-Dichlorophenol	10.57	162	282716	59.493	ng	92
30) 1,2,4-Trichlorobenzene	10.77	180	311968	51.394	ng	96
31) Naphthalene	10.96	128	741078	46.705	ng	99
32) Benzoic acid	10.28	122	97958	43.148	ng	87
33) 4-Chloroaniline	11.10	127	20771	3.015	ng	91
34) Hexachlorobutadiene	11.24	225	200617	49.825	ng	96
35) Caprolactam	11.86	113	43703	23.421	ng	# 69
36) 4-Chloro-3-methylphenol	12.21	107	275164	50.727	ng	# 87
37) 2-Methylnaphthalene	12.56	142	588311	47.887	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	411463	47.644	ng	96
40) Hexachlorocyclopentadiene	12.90	237	290598	91.428	ng	93

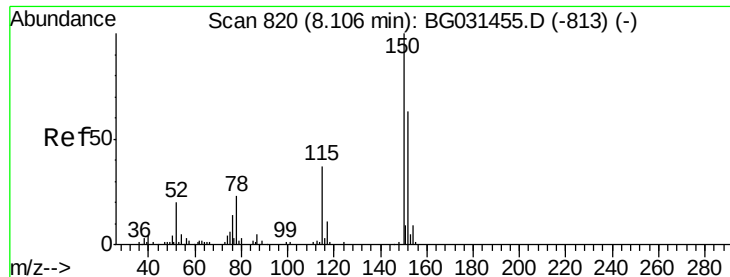
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
 Data File : BG031643.D
 Acq On : 18 Dec 2017 20:51
 Operator : SJ/JU
 Sample : I6680-12MSD
 Misc :
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Quant Time: Dec 19 07:04:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	252496	57.224	ng	99
43) 2,4,5-Trichlorophenol	13.26	196	276475	58.168	ng #	92
45) 1,1'-Biphenyl	13.56	154	829875	45.724	ng	97
46) 2-Chloronaphthalene	13.61	162	652641	49.130	ng	95
47) 2-Nitroaniline	13.81	65	167121	44.771	ng #	76
48) Acenaphthylene	14.45	152	967225	45.251	ng	98
49) Dimethylphthalate	14.18	163	881702	48.195	ng	99
50) 2,6-Dinitrotoluene	14.31	165	202549	51.798	ng #	75
51) Acenaphthene	14.79	154	612085	45.288	ng	99
52) 3-Nitroaniline	14.64	138	45037	11.298	ng #	80
53) 2,4-Dinitrophenol	14.86	184	182807	108.402	ng #	48
54) Dibenzofuran	15.12	168	1010928	46.873	ng	98
55) 4-Nitrophenol	14.97	139	239153	88.401	ng #	78
56) 2,4-Dinitrotoluene	15.10	165	290220	52.254	ng #	71
57) Fluorene	15.77	166	812034	46.990	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	268145	60.019	ng #	88
59) Diethylphthalate	15.53	149	856337	46.698	ng	97
60) 4-Chlorophenyl-phenylether	15.75	204	496979	47.005	ng	92
61) 4-Nitroaniline	15.80	138	157275	37.597	ng	88
62) Azobenzene	16.04	77	659406	43.409	ng	94
64) 4,6-Dinitro-2-methylphenol	15.87	198	154265	45.516	ng #	72
65) n-Nitrosodiphenylamine	15.97	169	638741	38.729	ng	99
66) 4-Bromophenyl-phenylether	16.64	248	342488	52.272	ng	97
67) Hexachlorobenzene	16.78	284	347687	51.390	ng	94
68) Atrazine	16.91	200	199108	33.017	ng	98
69) Pentachlorophenol	17.13	266	285190	87.147	ng	96
70) Phenanthrene	17.51	178	1396561	47.459	ng	97
71) Anthracene	17.60	178	1428031	49.067	ng	97
72) Carbazole	17.87	167	1121743	42.591	ng	98
73) Di-n-butylphthalate	18.41	149	1481420	48.707	ng	99
74) Fluoranthene	19.51	202	1804924	49.011	ng	95
76) Benzidine	19.72	184	80150	5.794	ng	96
77) Pyrene	19.88	202	1827833	49.489	ng	94
79) Butylbenzylphthalate	20.73	149	687490	53.059	ng #	84
80) Benzo(a)anthracene	21.71	228	1752051	48.834	ng	98
81) 3,3'-Dichlorobenzidine	21.63	252	99138	7.939	ng #	98
82) Chrysene	21.78	228	1673841	48.666	ng	96
83) Bis(2-ethylhexyl)phthalate	21.59	149	928578	49.813	ng	99
84) Di-n-octyl phthalate	22.81	149	1491399	48.502	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.79	276	1682438	45.771	ng	97
87) Benzo(b)fluoranthene	23.98	252	1628833	53.045	ng #	98
88) Benzo(k)fluoranthene	24.04	252	1611462	51.425	ng	98
89) Benzo(a)pyrene	24.86	252	1534038	52.664	ng	99
90) Dibenzo(a,h)anthracene	28.84	278	1430485	51.354	ng	99
91) Benzo(g,h,i)perylene	29.97	276	1370807	50.056	ng	97

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

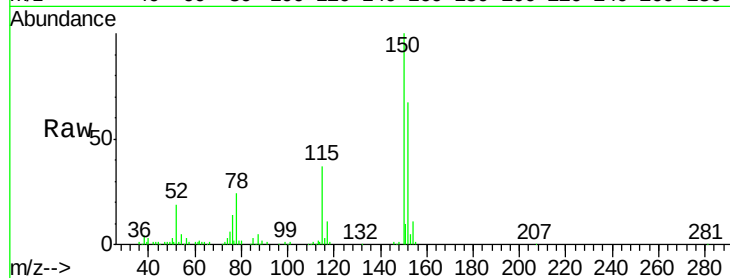


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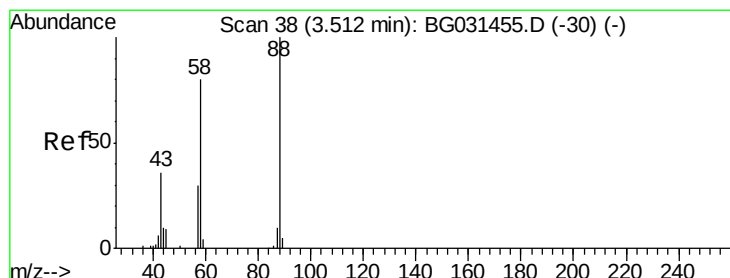
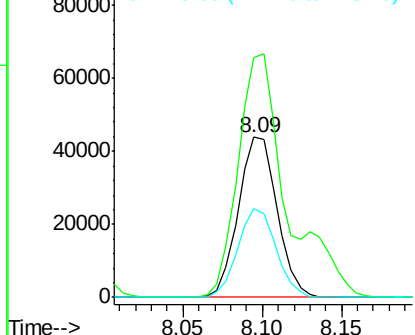
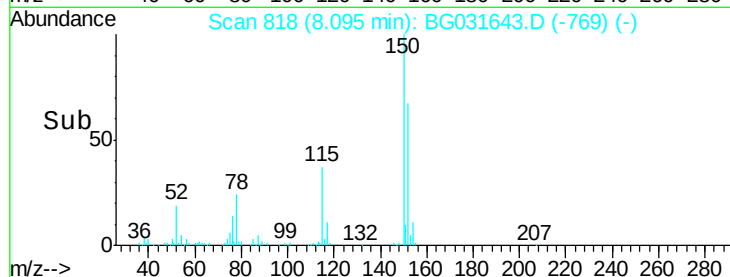
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 74286
Ion Ratio Lower Upper
152 100
150 150.3 126.6 189.8
115 55.2 53.0 79.4



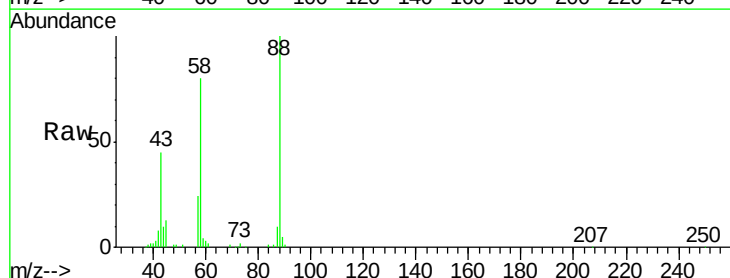
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



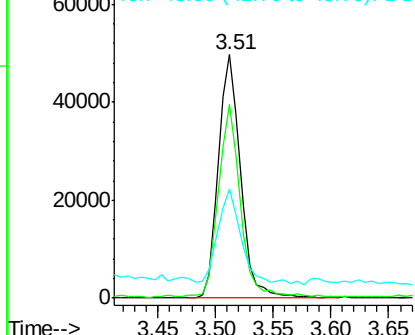
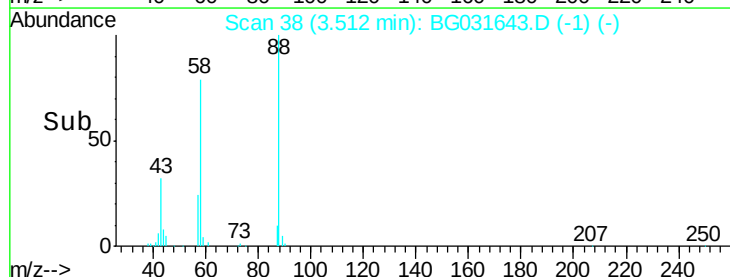
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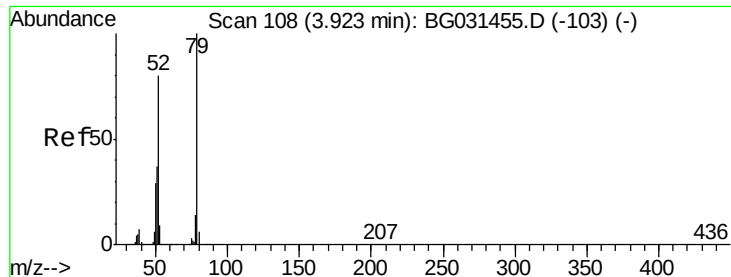
1,4-Dioxane
Concen: 33.166 ng
RT: 3.51 min Scan# 38
Delta R.T. 0.00 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion: 88 Resp: 66322
Ion Ratio Lower Upper
88 100
58 78.1 79.6 119.4#
43 40.6 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: 34.881 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampled :

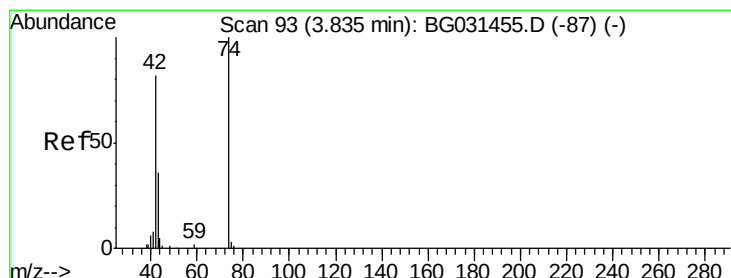
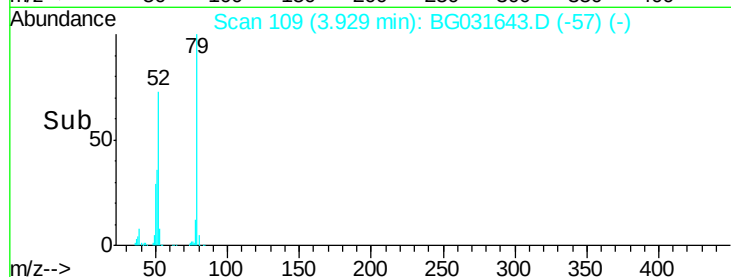
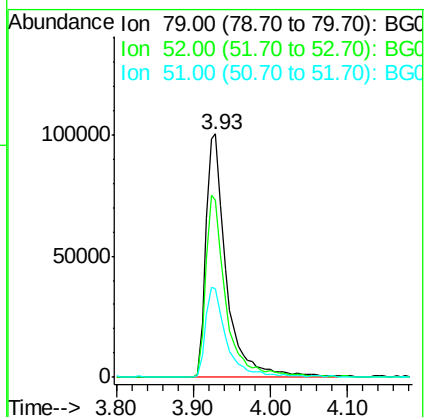
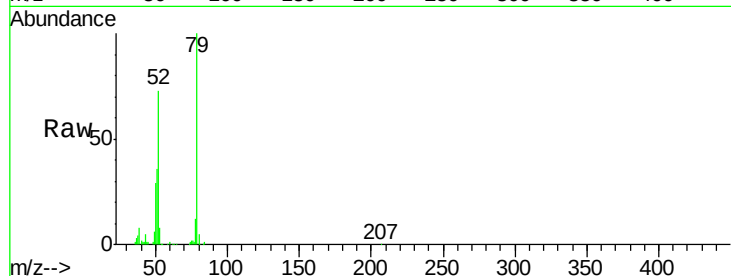
Tot Ion: 79 Resp: 183646

Ion Ratio Lower Upper

79 100

52 73.0 69.9 104.9

51 36.3 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 37.863 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

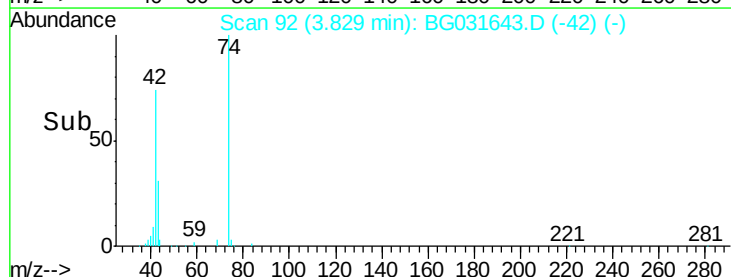
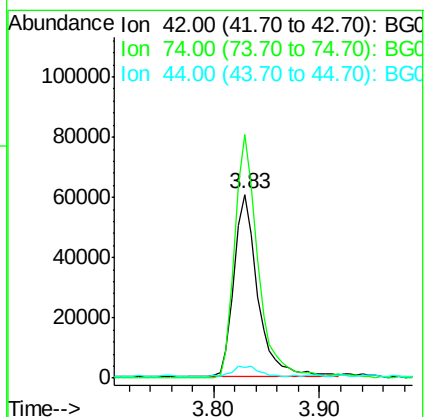
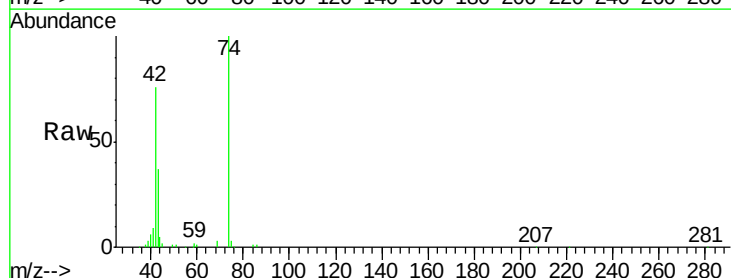
Tgt Ion: 42 Resp: 93896

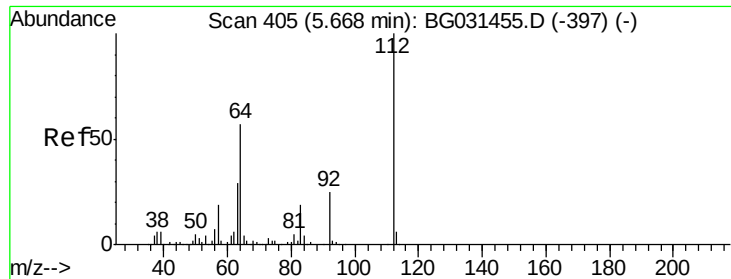
Ion Ratio Lower Upper

42 100

74 132.3 102.5 153.7

44 6.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 155.365 ng

RT: 5.66 min Scan# 404

Delta R.T. -0.00 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

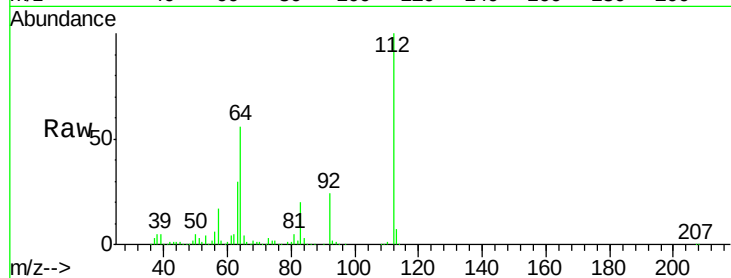
Tot Ion:112 Resp: 651131

Ion Ratio Lower Upper

112 100

64 56.3 56.3 84.5

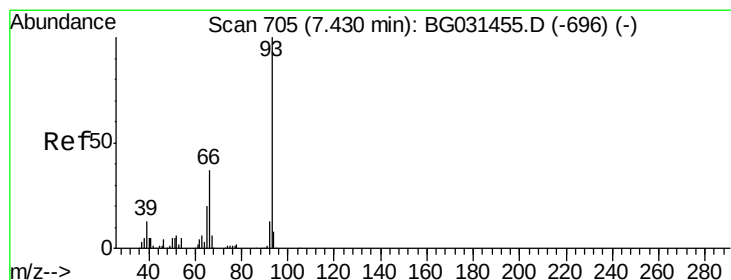
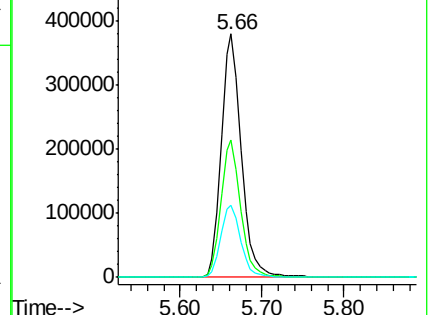
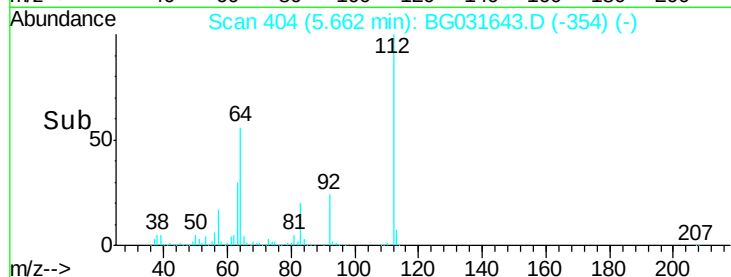
63 29.7 30.1 45.1#



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: 9.749 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

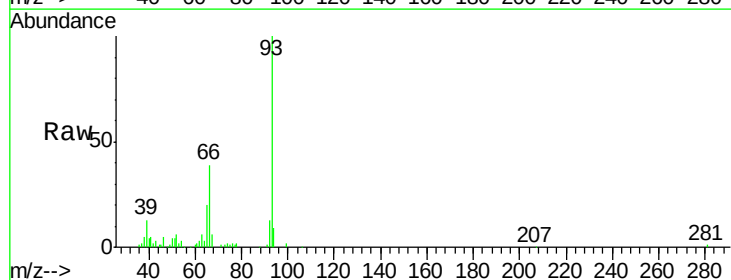
Tgt Ion: 93 Resp: 74697

Ion Ratio Lower Upper

93 100

66 38.8 33.7 50.5

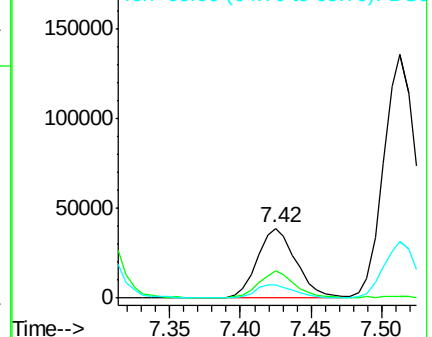
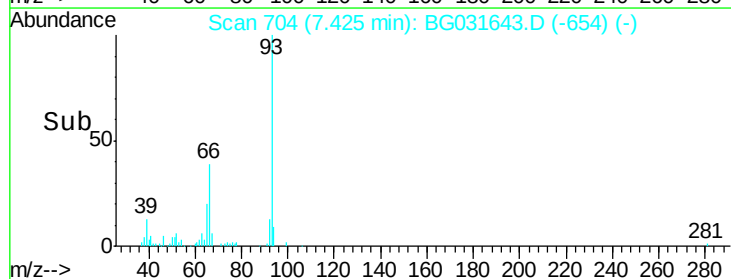
65 19.6 16.1 24.1

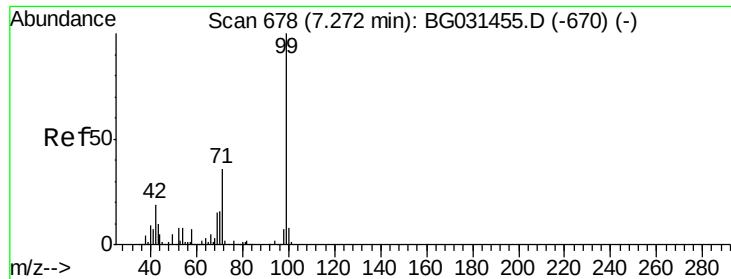


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.895 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampled :

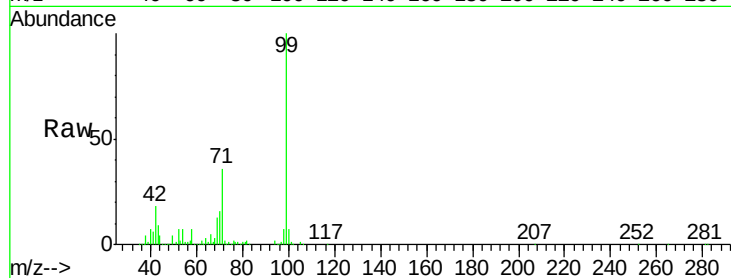
Tot Ion: 99 Resp: 790649

Ion Ratio Lower Upper

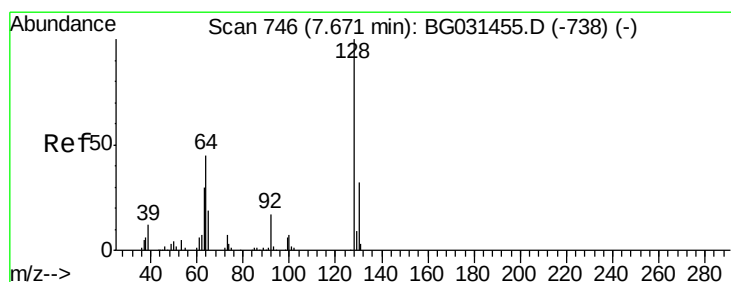
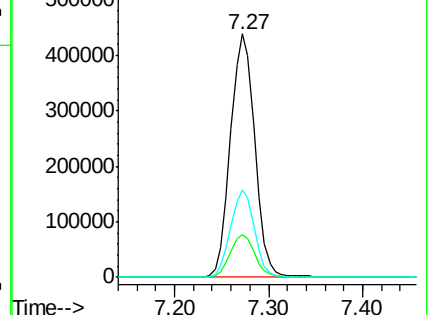
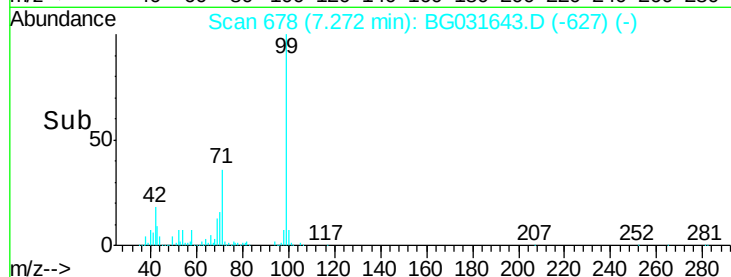
99 100

42 17.6 14.1 21.1

71 35.8 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: 51.532 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

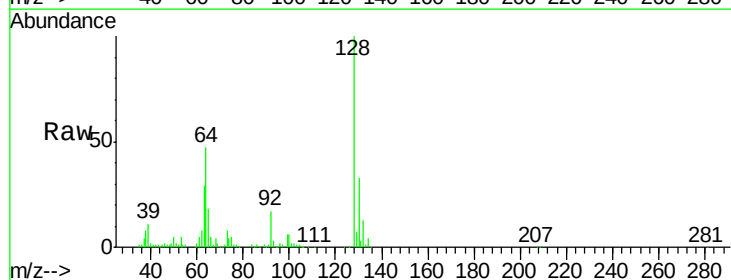
Tgt Ion: 128 Resp: 240904

Ion Ratio Lower Upper

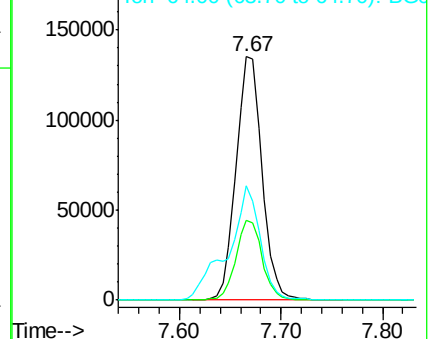
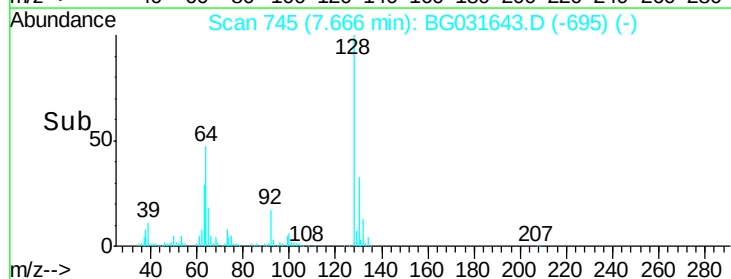
128 100

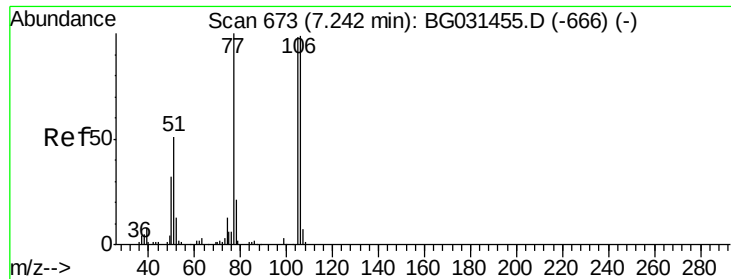
130 33.0 14.0 54.0

64 46.7 37.7 77.7



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





#9

Benzaldehyde

Concen: 23.035 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampled :

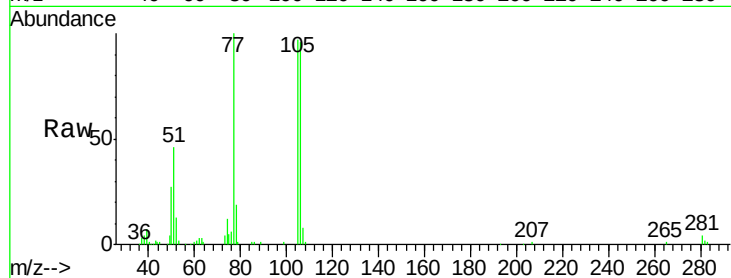
Tot Ion: 77 Resp: 77682

Ion Ratio Lower Upper

77 100

105 96.9 71.3 111.3

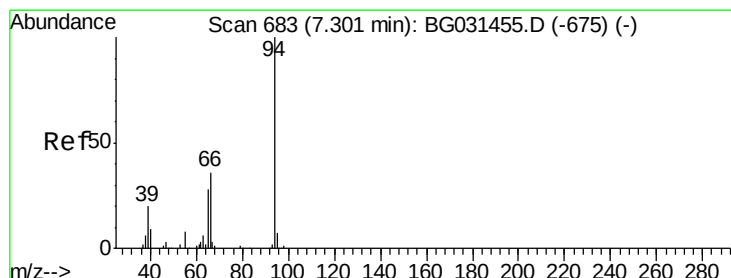
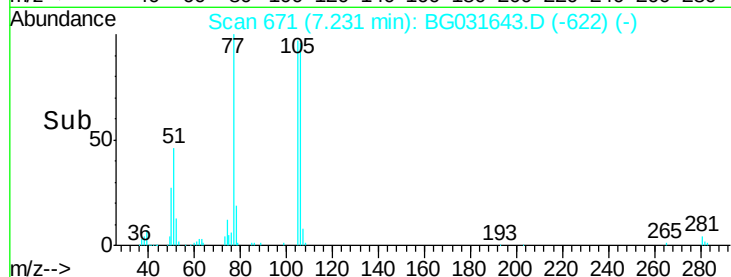
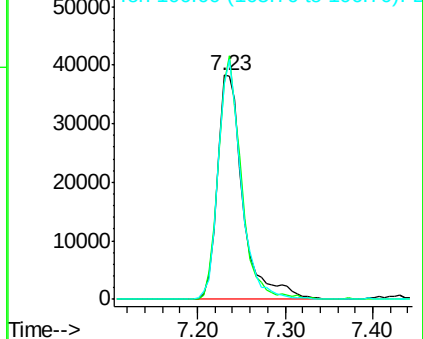
106 96.2 64.2 104.2



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: 44.975 ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

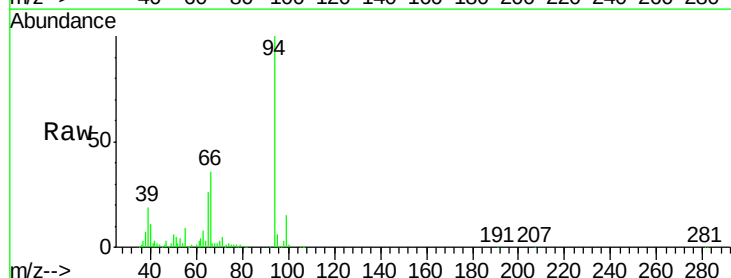
Tgt Ion: 94 Resp: 268804

Ion Ratio Lower Upper

94 100

65 26.3 11.9 51.9

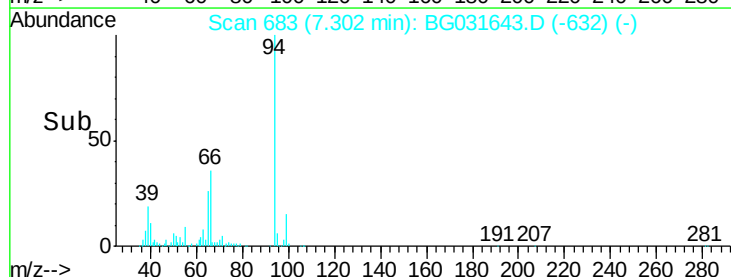
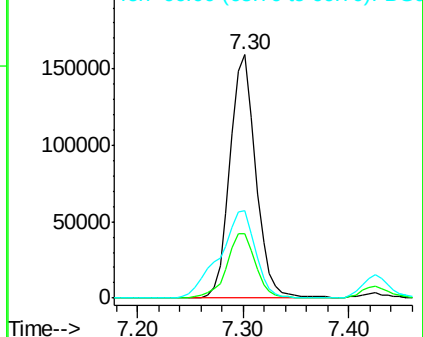
66 35.9 22.2 62.2

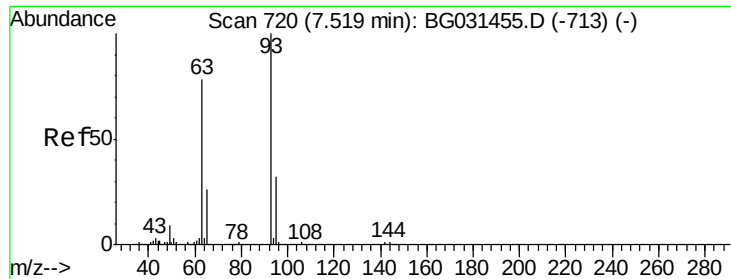


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

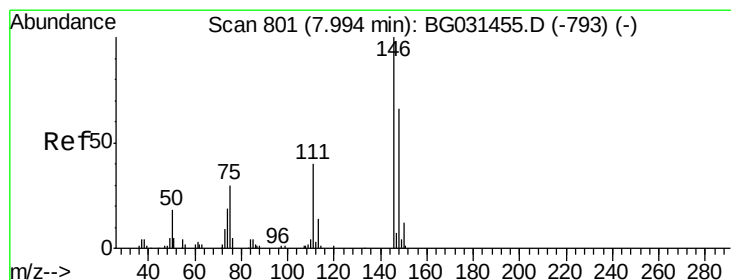
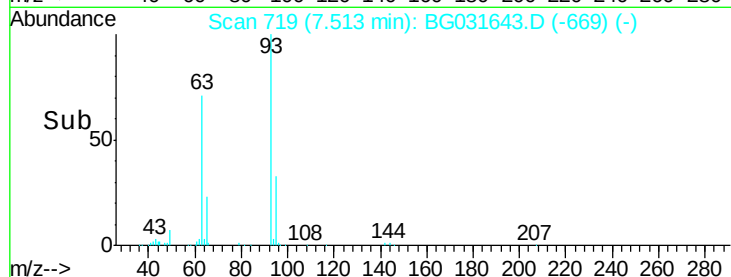
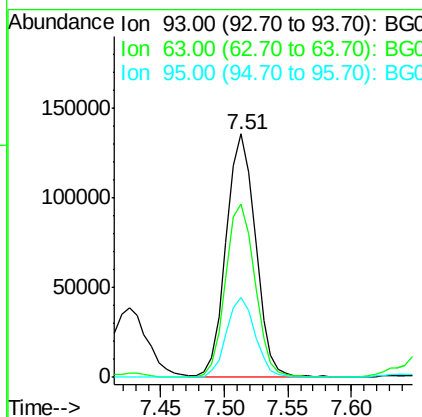
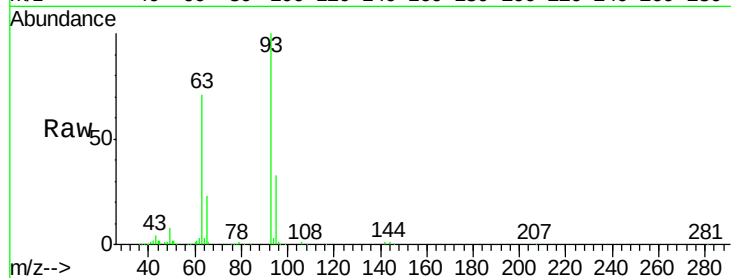




#11
bis(2-Chloroethyl)ether
Concen: 44.671 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

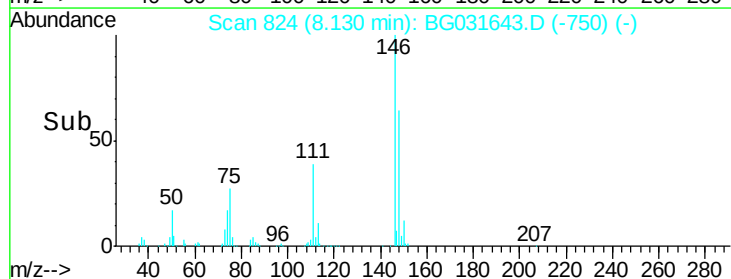
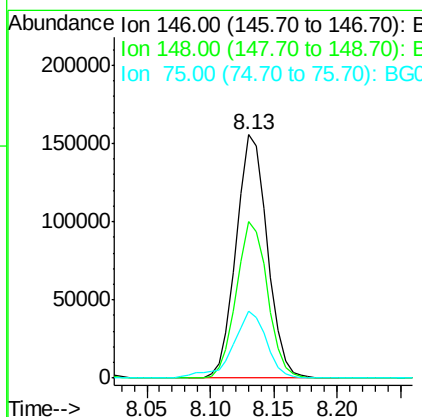
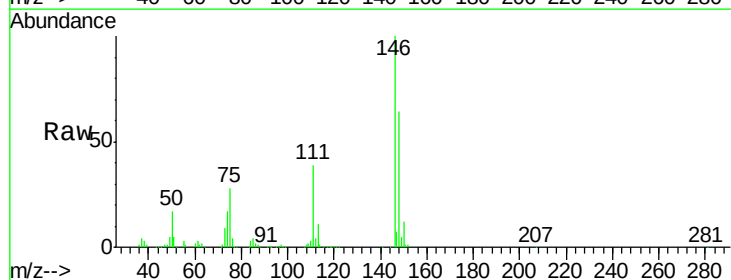
Instrument :
BNA_G
ClientSampleId :

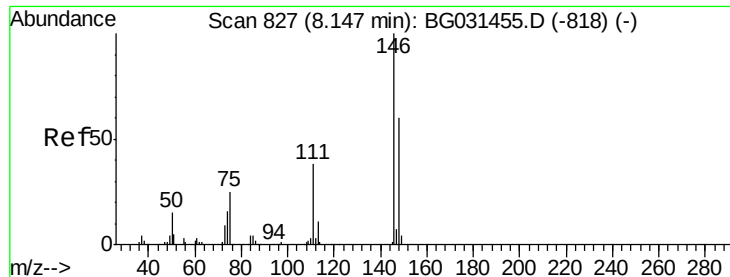
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.2	67.1	107.1
95	32.7	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 47.741 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.14 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
75	27.5	26.6	39.8

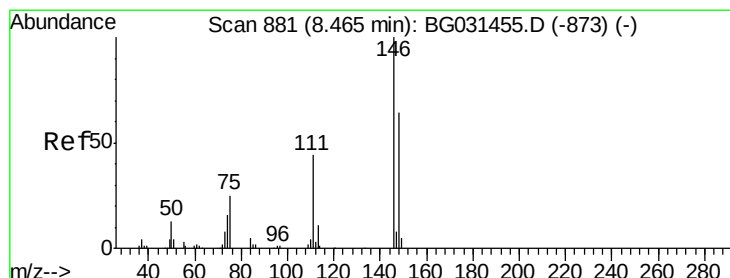
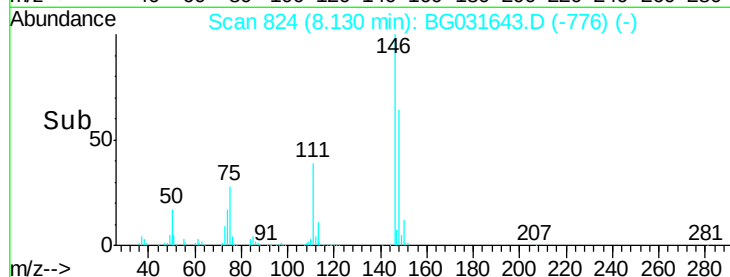
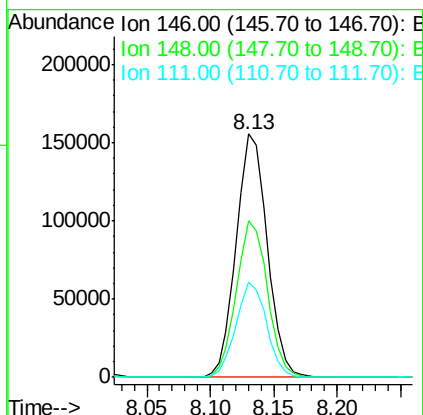
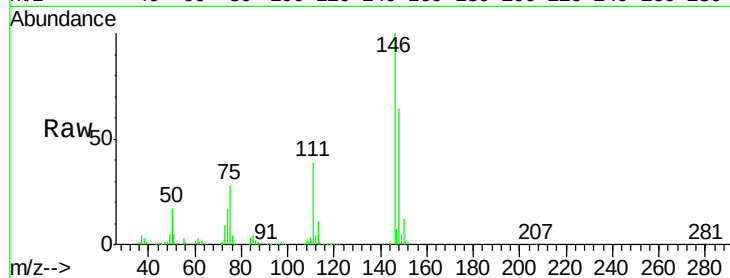




#13
 1,4-Dichlorobenzene
 Concen: 45.936 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

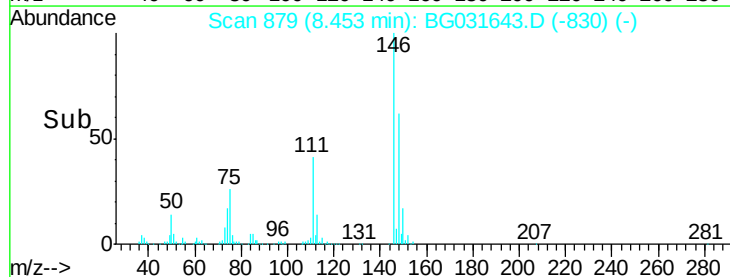
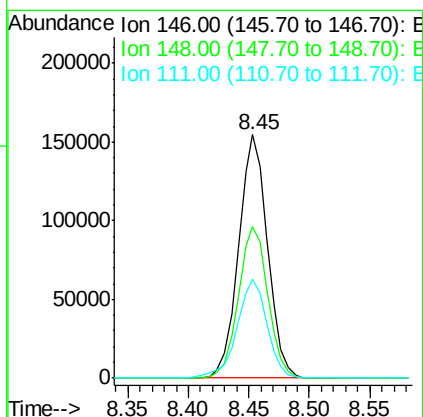
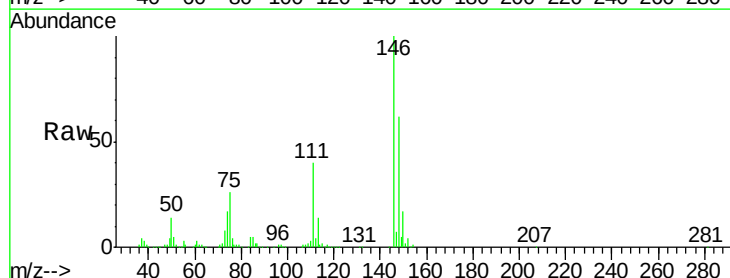
Instrument :
 BNA_G
 ClientSampleId :

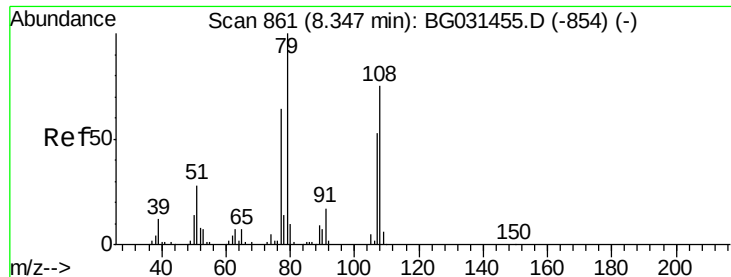
Tot Ion:146 Resp: 265406
 Ion Ratio Lower Upper
 146 100
 148 64.4 53.7 80.5
 111 39.1 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 46.699 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

Tgt Ion:146 Resp: 257023
 Ion Ratio Lower Upper
 146 100
 148 62.3 49.3 73.9
 111 40.4 34.3 51.5





#15

Benzyl Alcohol

Concen: 40.087 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

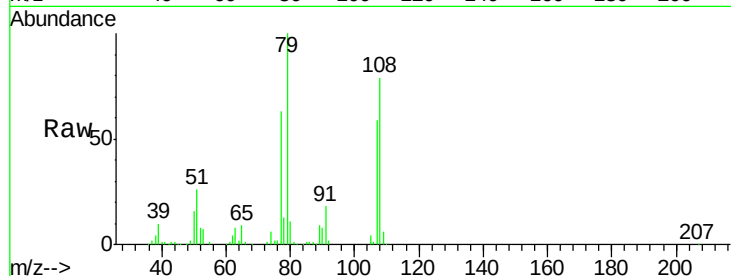
Tot Ion: 79 Resp: 182446

Ion Ratio Lower Upper

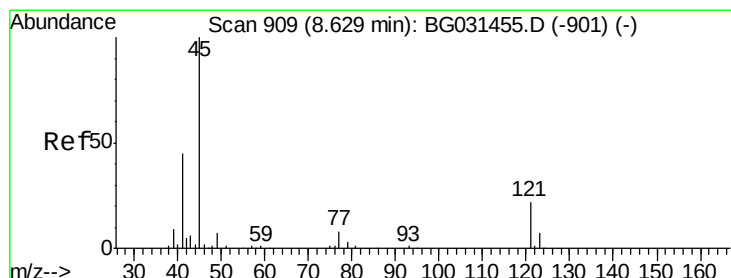
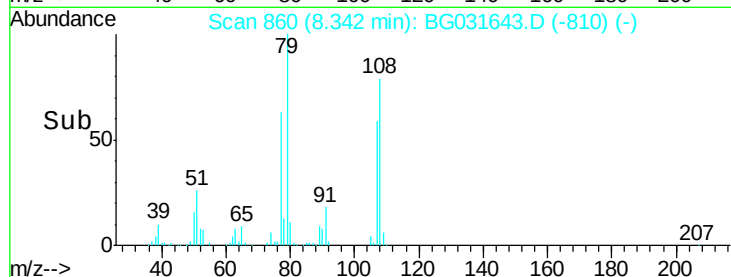
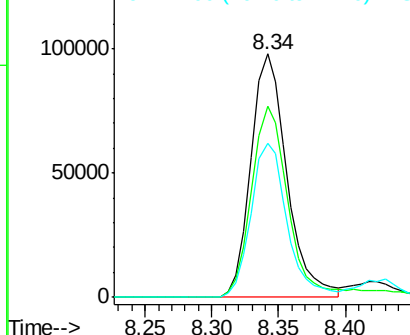
79 100

108 78.6 57.2 85.8

77 63.5 46.1 69.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 55.700 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

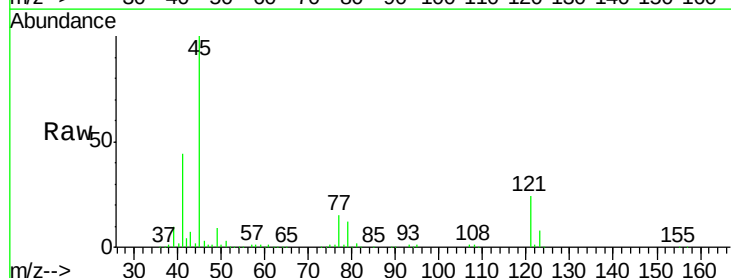
Tgt Ion: 45 Resp: 305251

Ion Ratio Lower Upper

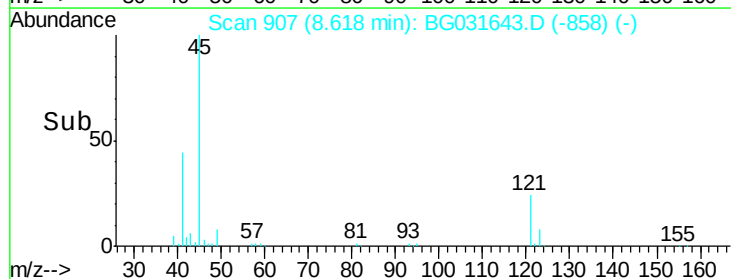
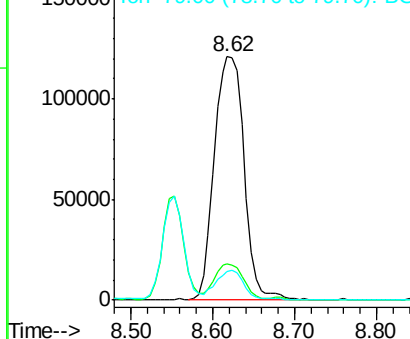
45 100

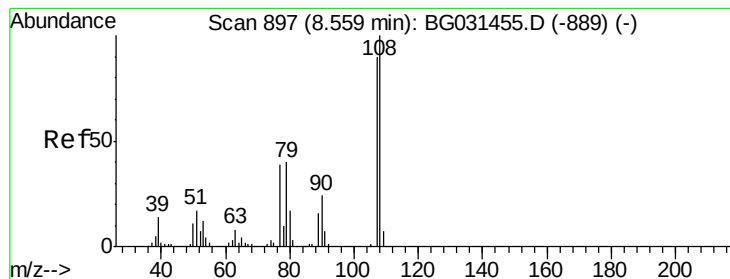
77 15.0 0.0 30.2

79 11.9 0.0 27.9



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

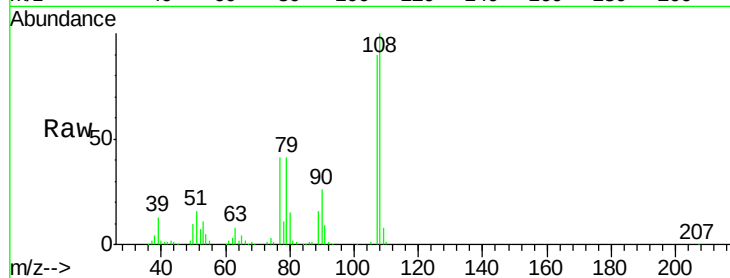




#17
2-Methylphenol
Concen: 50.427 ng
RT: 8.55 min Scan# 896
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	83.9	125.9
77	45.9	37.2	55.8
79	46.1	36.2	54.2



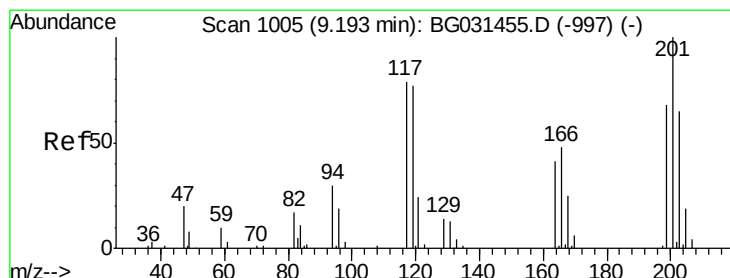
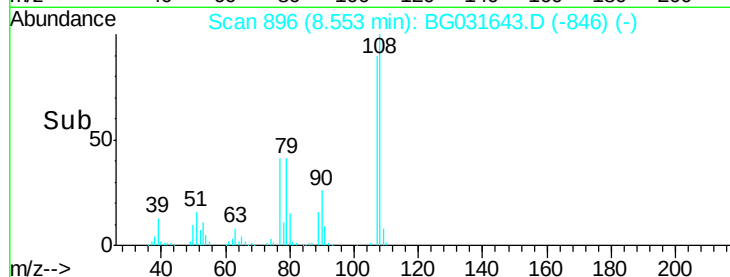
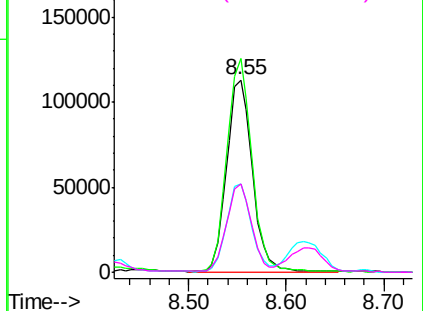
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

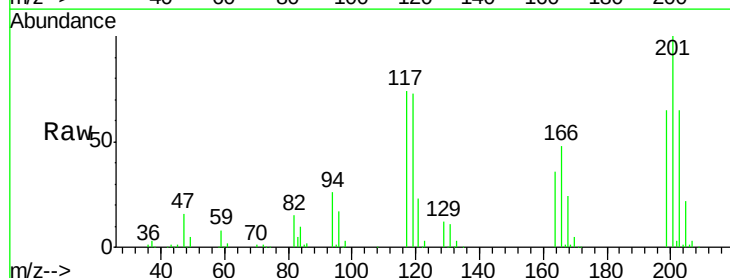
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 47.515 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.7	115.1
201	134.3	95.7	143.5

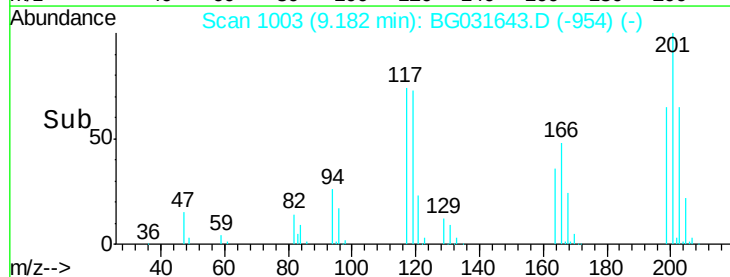
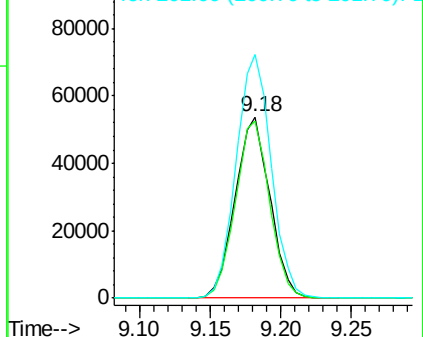


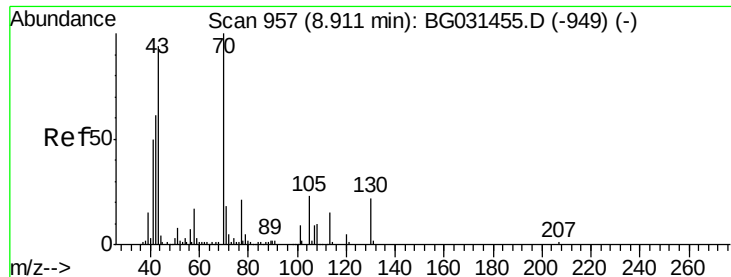
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

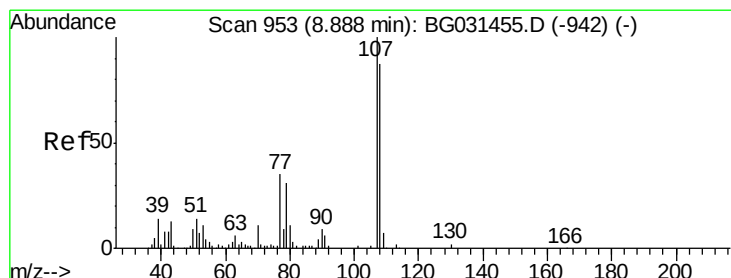
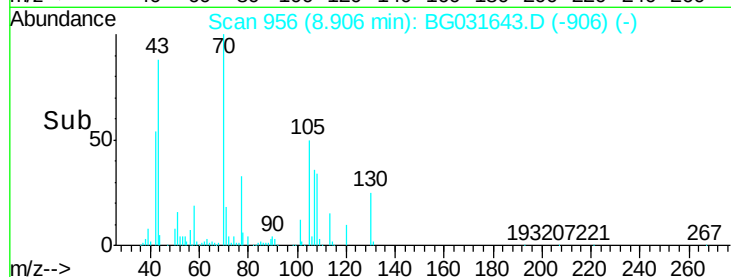
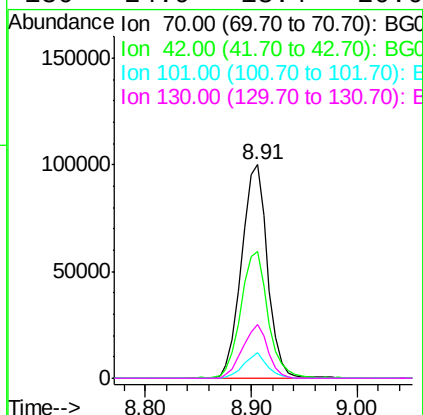
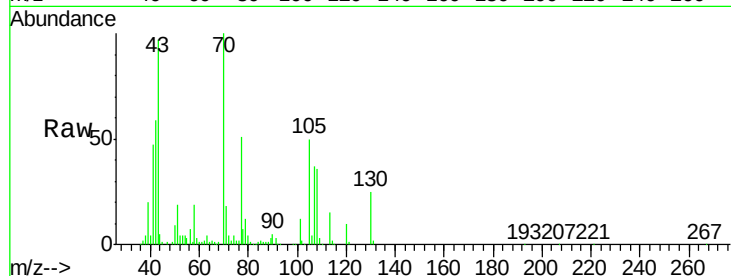




#19
n-Nitroso-di-n-propylamine
Concen: 37.222 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

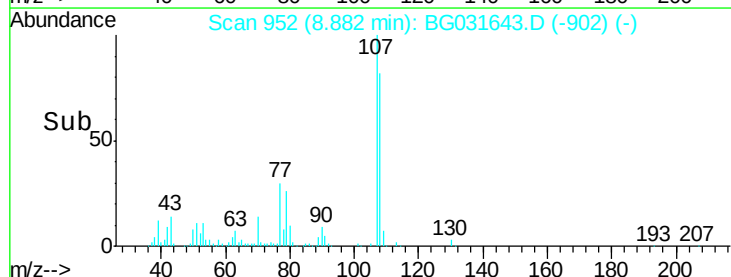
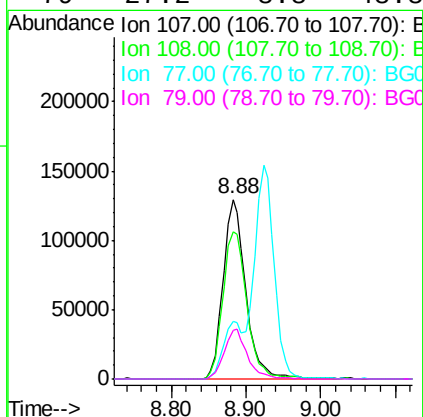
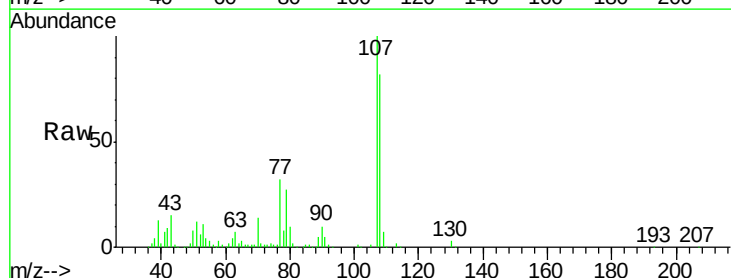
Instrument :
BNA_G
ClientSampleId :

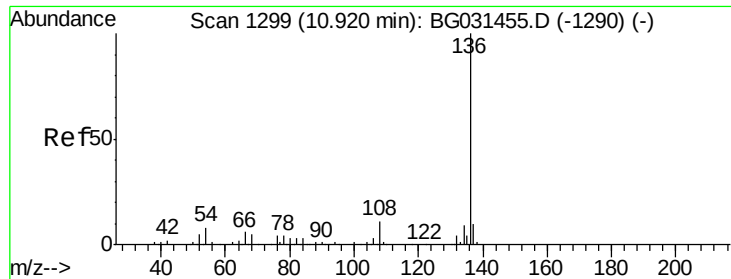
Tot Ion: 70 Resp: 170451
Ion Ratio Lower Upper
70 100
42 59.5 49.1 73.7
101 12.2 8.5 12.7
130 24.9 13.4 20.0#



#20
3+4-Methylphenols
Concen: 45.234 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion: 107 Resp: 274535
Ion Ratio Lower Upper
107 100
108 81.9 61.6 101.6
77 31.8 13.9 53.9
79 27.2 8.8 48.8

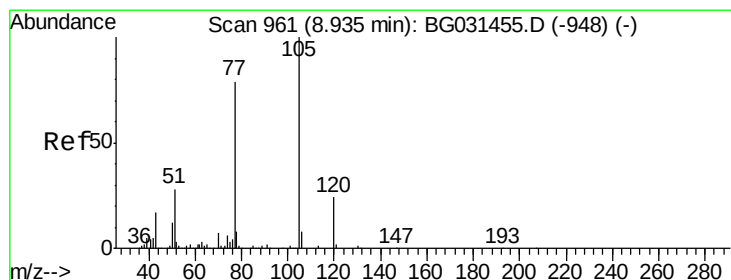
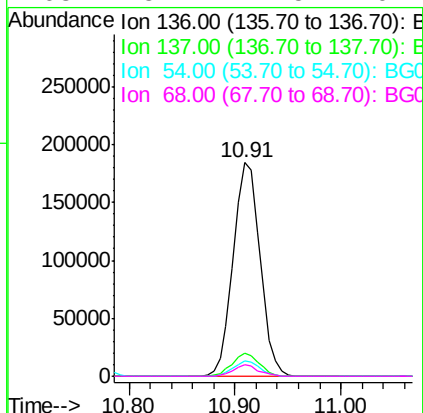
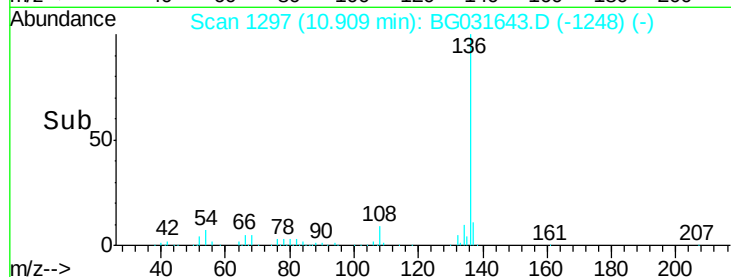
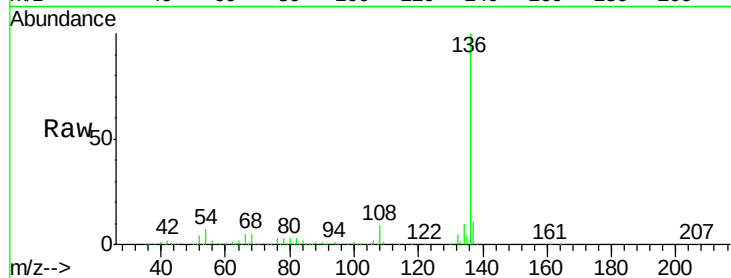




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

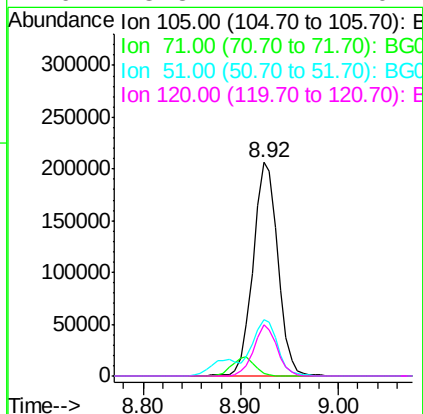
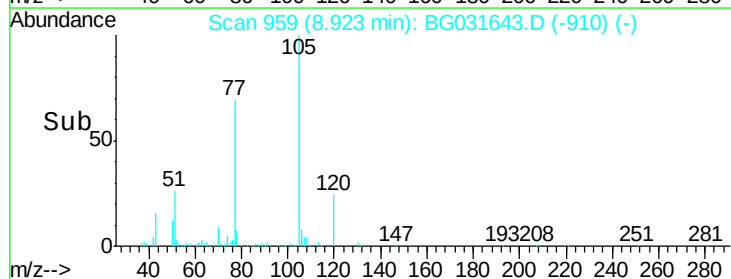
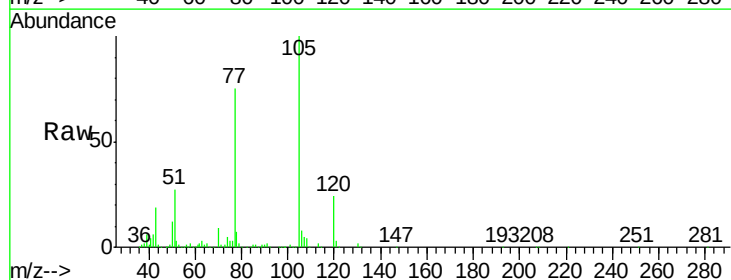
Instrument :
BNA_G
ClientSampleId :

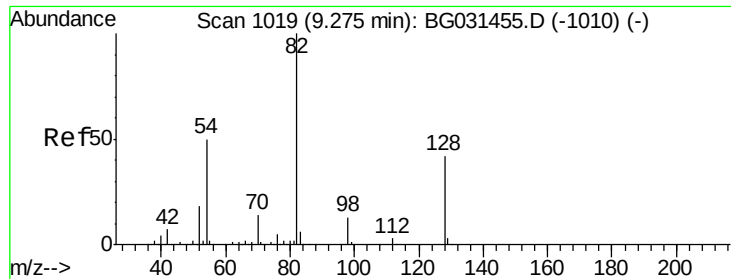
Tot Ion:136	Resp:	322982
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	7.2	10.3 15.5#
68	5.2	4.5 6.7



#22
Acetophenone
Concen: 47.205 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion:105	Resp:	365761
Ion Ratio	Lower	Upper
105	100	
71	1.4	3.0 4.4#
51	26.5	26.1 39.1
120	23.8	17.4 26.2

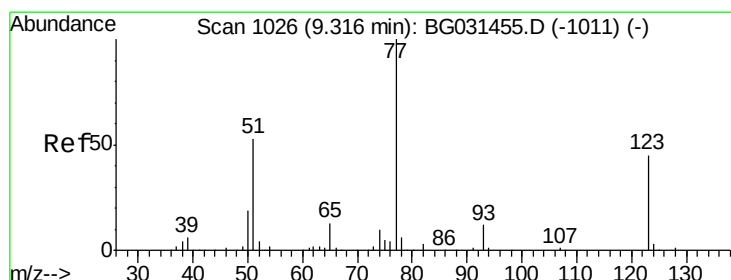
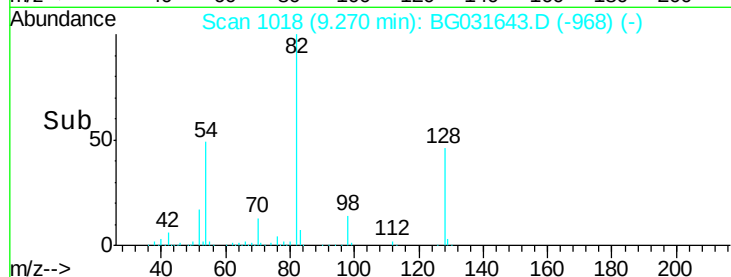
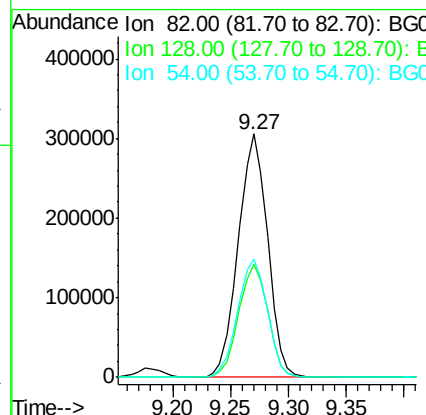
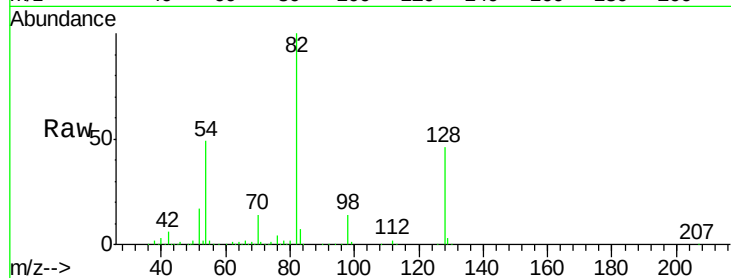




#23
 Nitrobenzene-d5
 Concen: 102.848 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

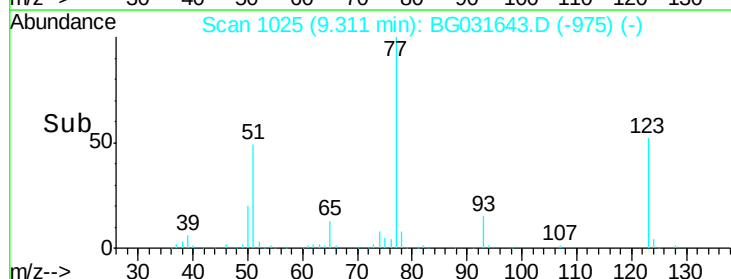
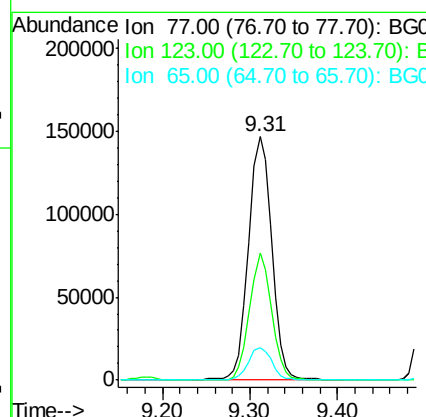
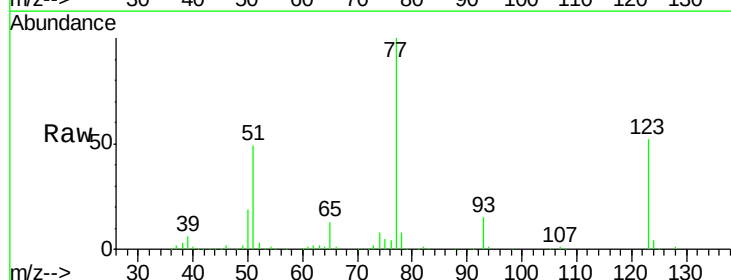
Instrument :
 BNA_G
 ClientSampleId :

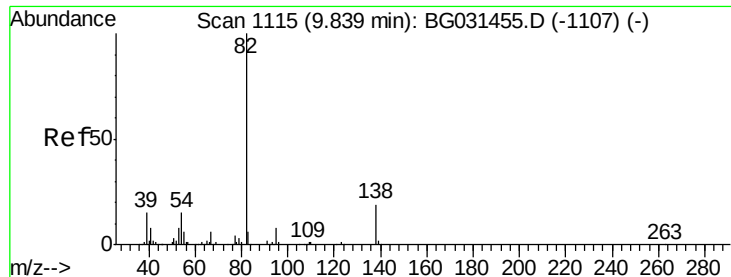
Tot Ion	82	Resp	538934
Ion Ratio	100	Lower	Upper
128	46.3	29.7	44.5#
54	48.6	43.1	64.7



#24
 Nitrobenzene
 Concen: 49.179 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

Tgt Ion	77	Resp	264072
Ion Ratio	100	Lower	Upper
123	52.1	33.0	49.6#
65	13.1	13.0	19.6





#25

Isophorone

Concen: 49.807 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

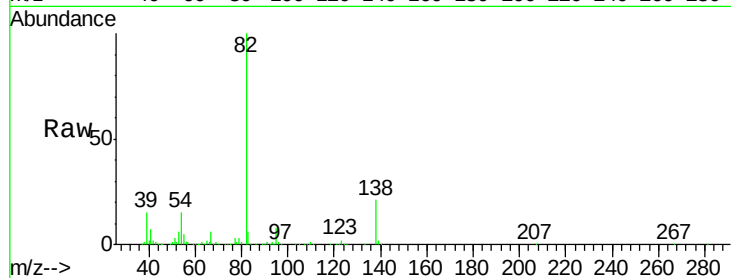
Tot Ion: 82 Resp: 493239

Ion Ratio Lower Upper

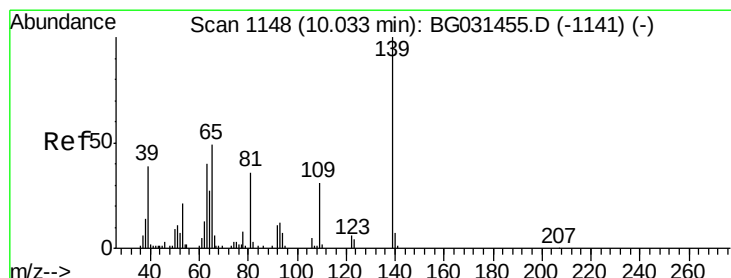
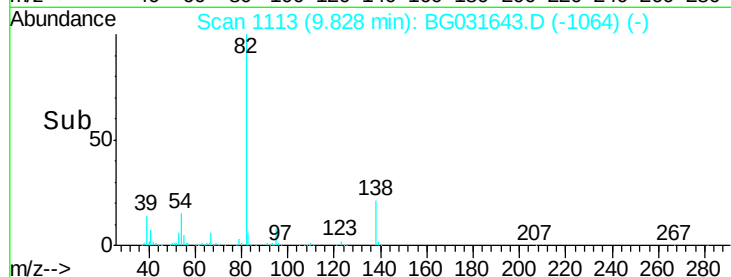
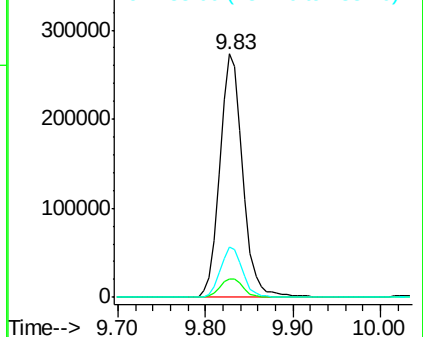
82 100

95 7.7 6.2 9.2

138 20.7 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: 54.615 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

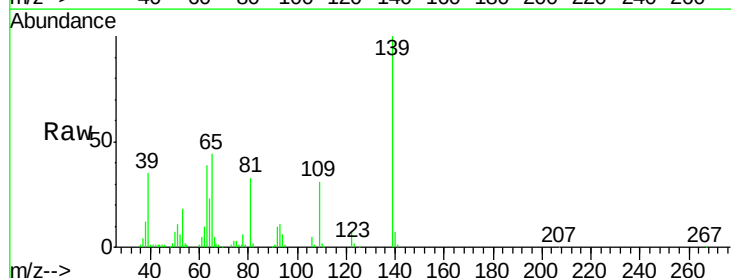
Tgt Ion:139 Resp: 145013

Ion Ratio Lower Upper

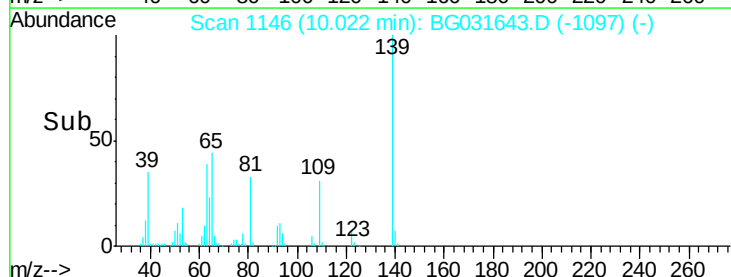
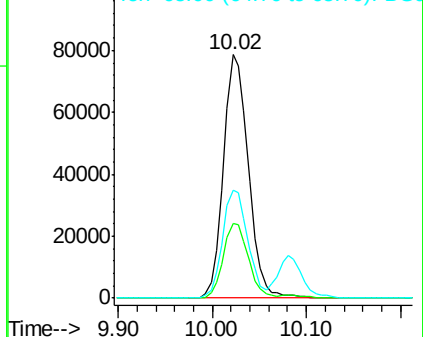
139 100

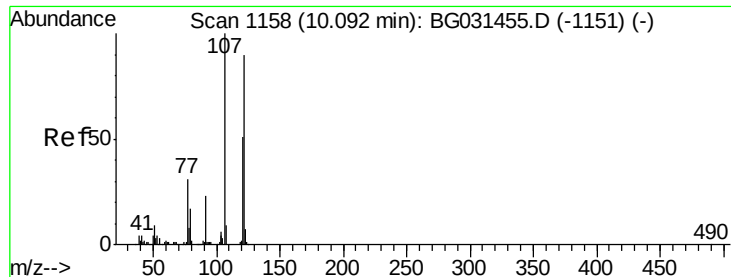
109 30.5 24.2 36.2

65 44.3 47.4 71.0#



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

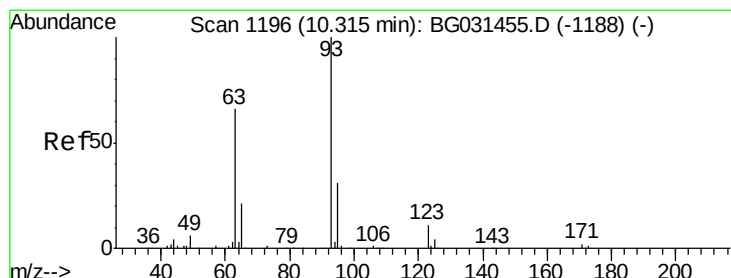
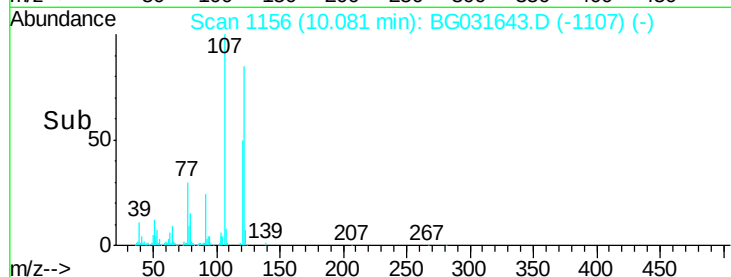
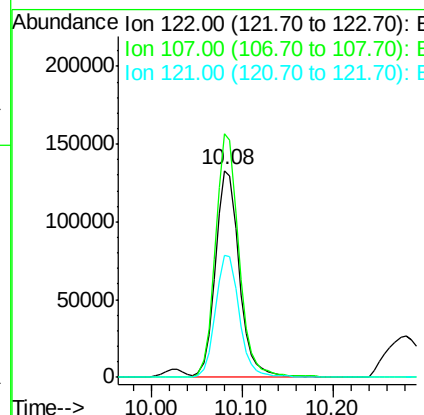
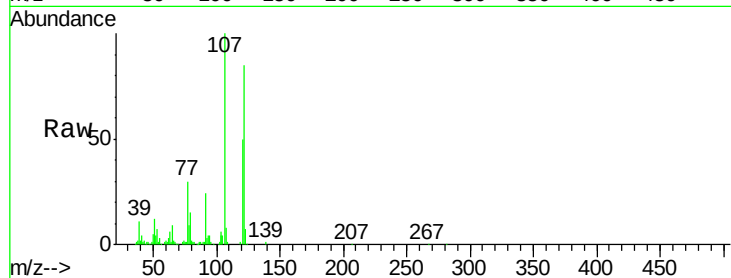




#27
 2,4-Dimethylphenol
 Concen: 59.971 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

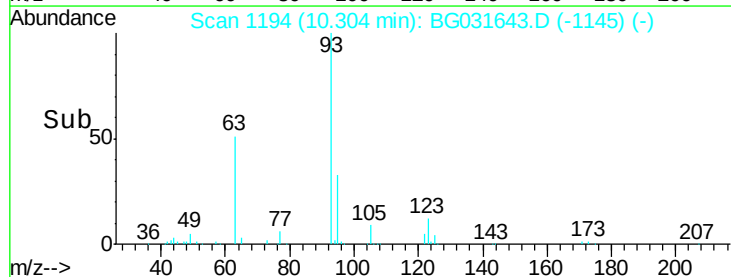
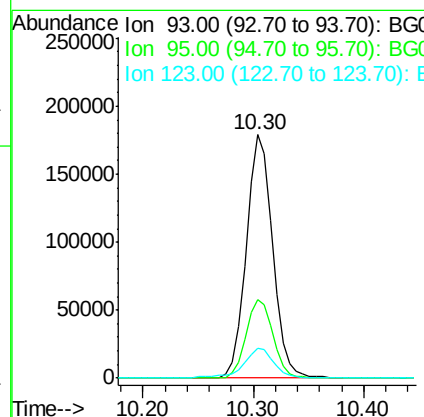
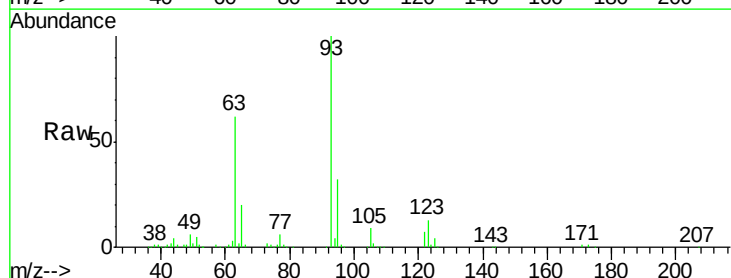
Instrument :
 BNA_G
 ClientSampled :

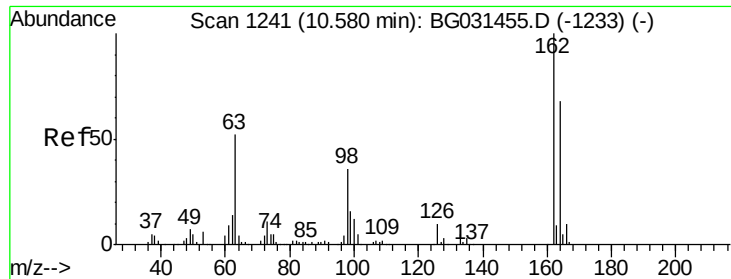
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	100.2	150.2
121	58.7	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.987 ng
 RT: 10.30 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	24.3	36.5
123	12.5	8.4	12.6

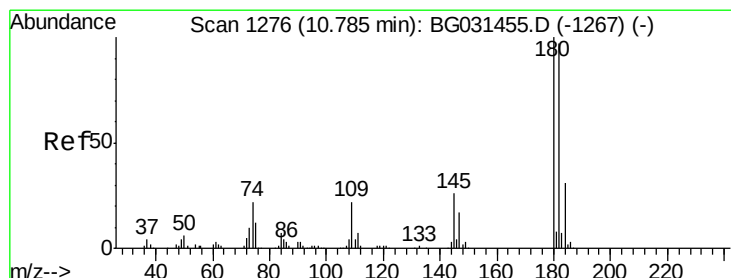
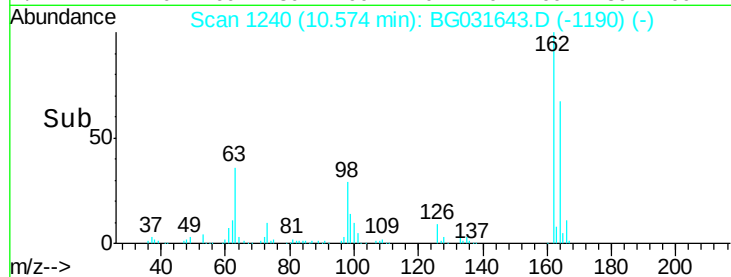
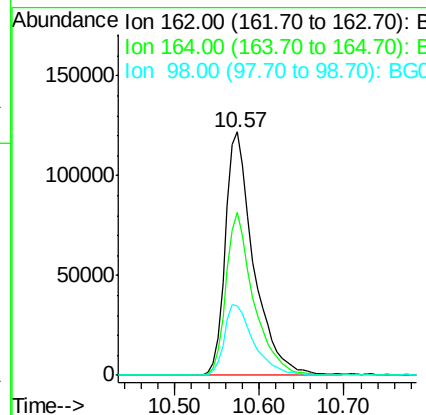
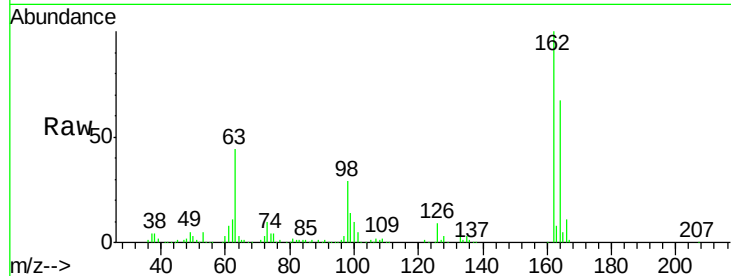




#29
2,4-Dichlorophenol
Concen: 59.493 ng
RT: 10.57 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

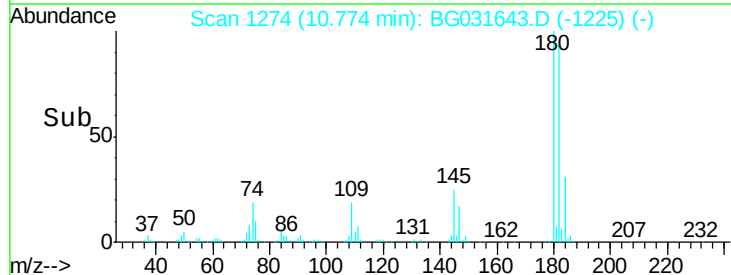
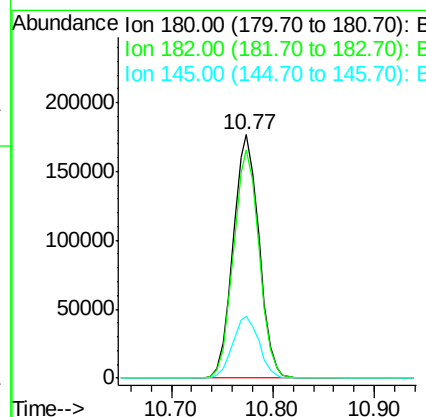
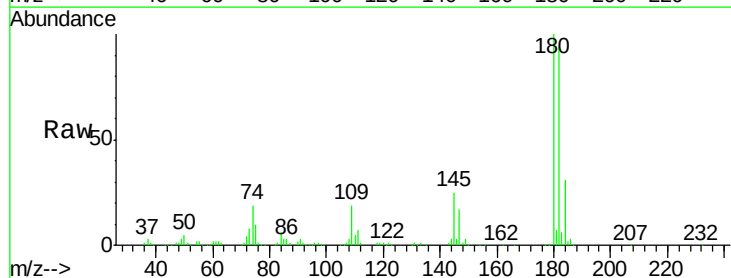
Instrument :
BNA_G
ClientSampleId :

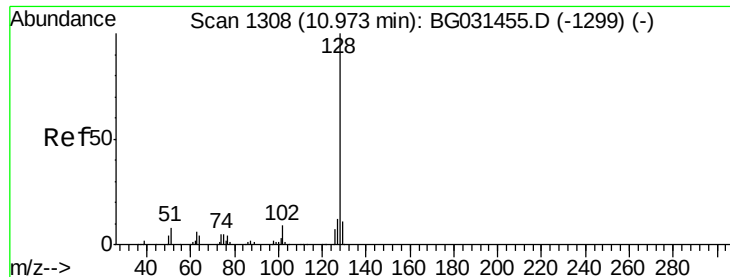
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	48.0	88.0
98	28.7	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 51.394 ng
RT: 10.77 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.5	116.3
145	25.4	23.4	35.2

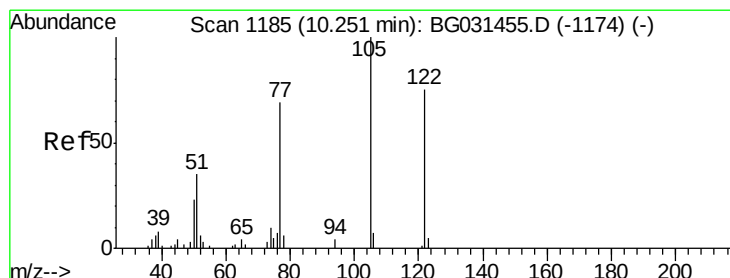
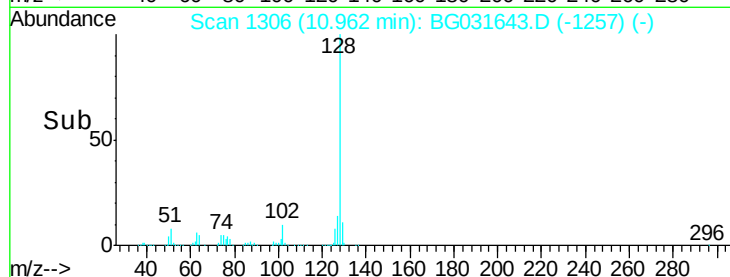
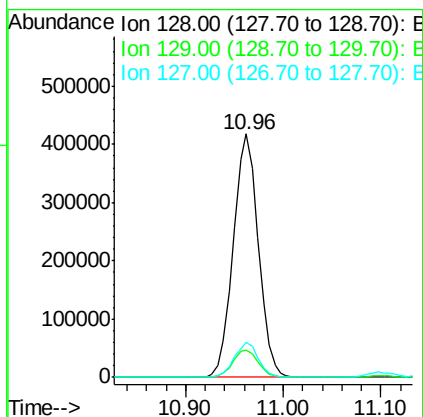
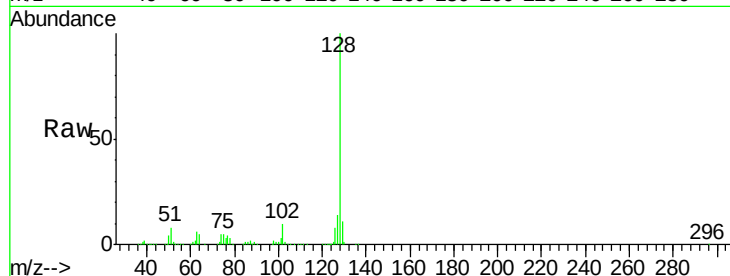




#31
Naphthalene
Concen: 46.705 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

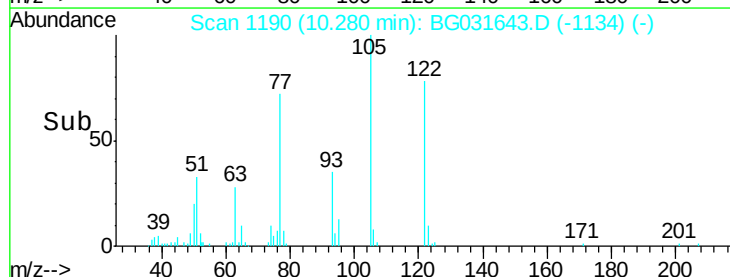
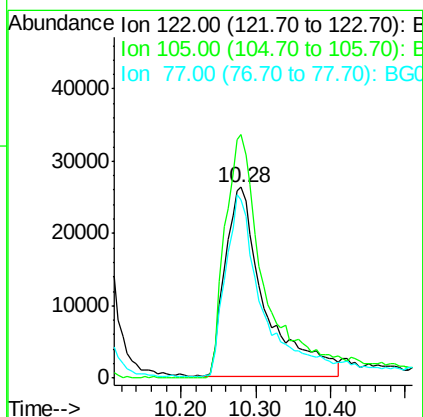
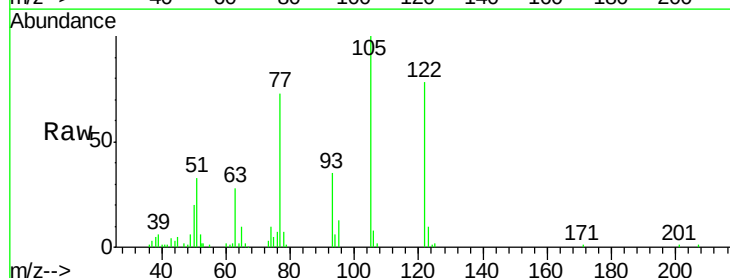
Instrument :
BNA_G
ClientSampleId :

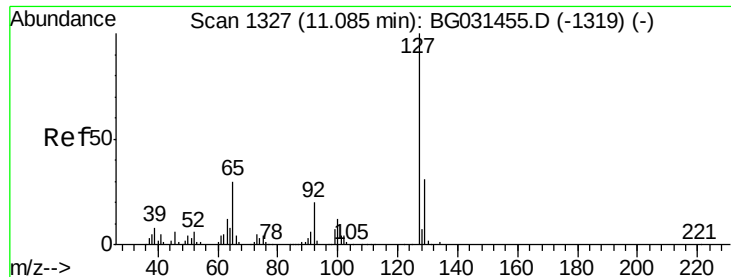
Tot Ion:128 Resp: 741078
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 14.2 11.6 17.4



#32
Benzoic acid
Concen: 43.148 ng
RT: 10.28 min Scan# 1190
Delta R.T. 0.03 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion:122 Resp: 97958
Ion Ratio Lower Upper
122 100
105 127.7 123.5 163.5
77 93.2 85.7 125.7

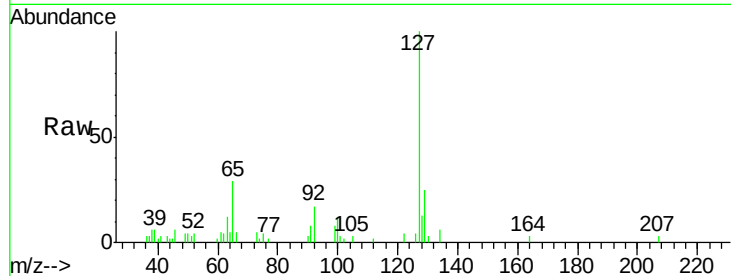




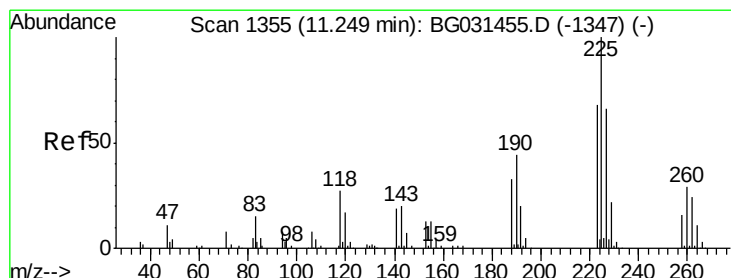
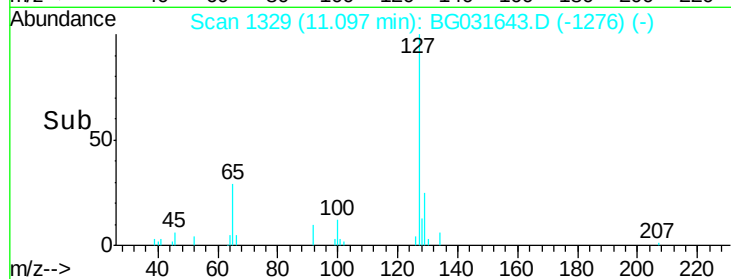
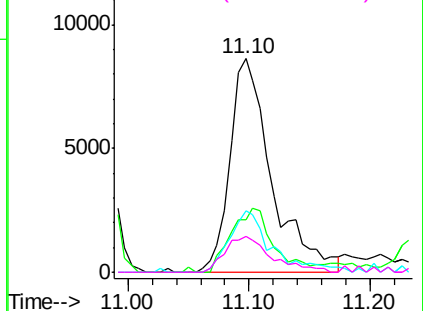
#33
4-Chloroaniline
Concen: 3.015 ng
RT: 11.10 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	20771
Ion Ratio	Lower	Upper
127	100	
129	24.7	24.0 36.0
65	29.0	27.0 40.4
92	16.7	16.6 25.0

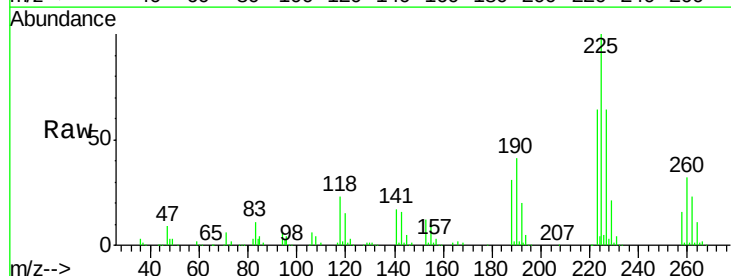


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

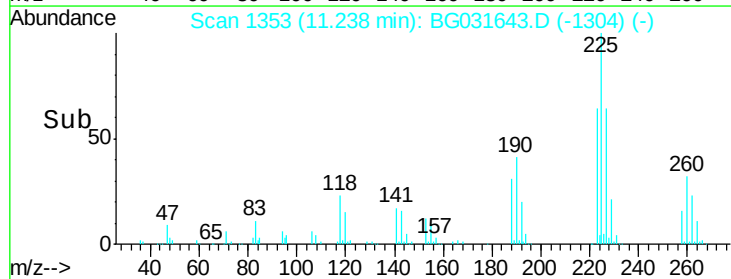
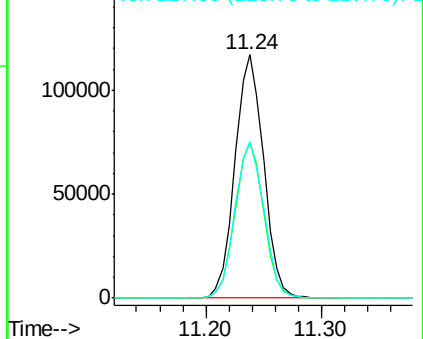


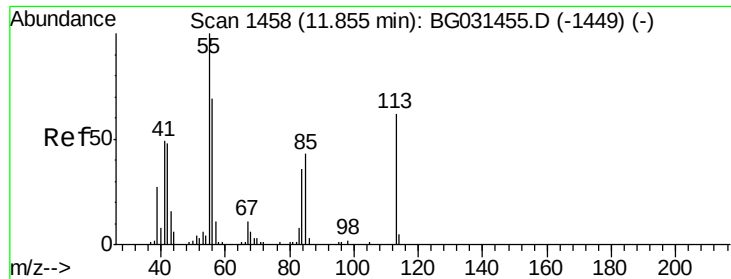
#34
Hexachlorobutadiene
Concen: 49.825 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion:225	Resp:	200617
Ion Ratio	Lower	Upper
225	100	
223	63.5	49.7 74.5
227	64.1	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: 23.421 ng

RT: 11.86 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

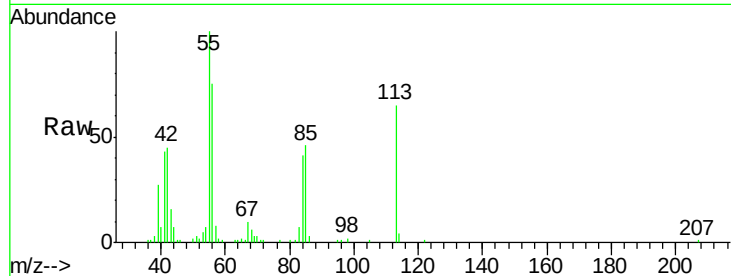
Tot Ion:113 Resp: 43703

Ion Ratio Lower Upper

113 100

55 154.6 186.9 226.9#

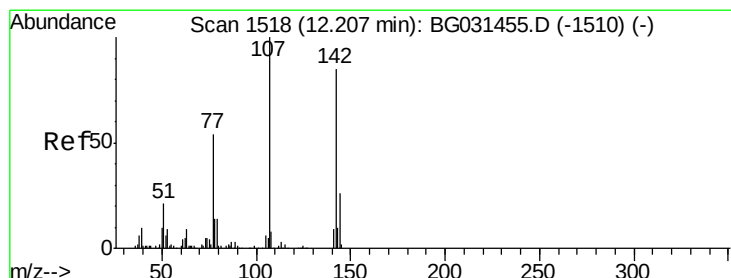
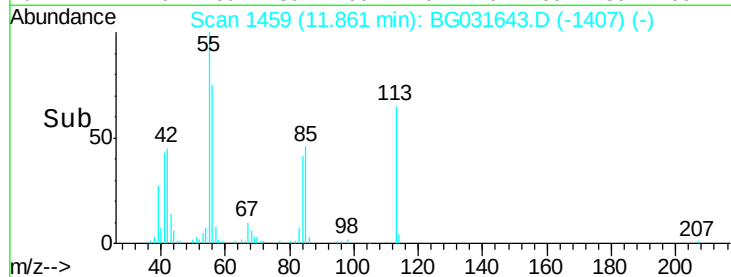
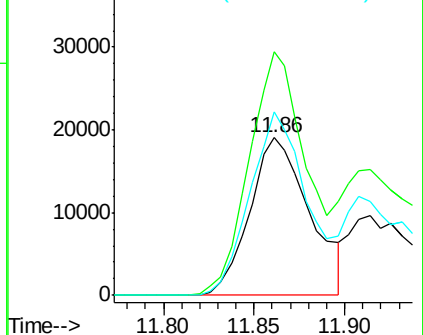
56 116.2 130.9 170.9#



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: 50.727 ng

RT: 12.21 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

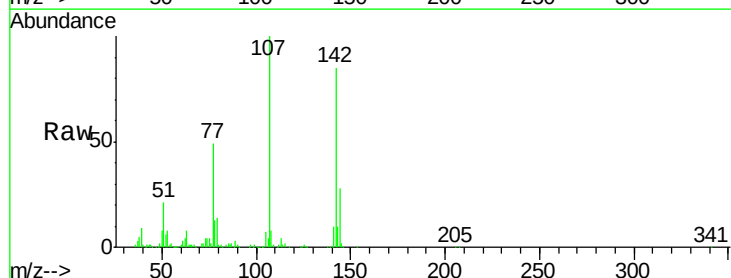
Tgt Ion:107 Resp: 275164

Ion Ratio Lower Upper

107 100

144 28.3 18.2 27.4#

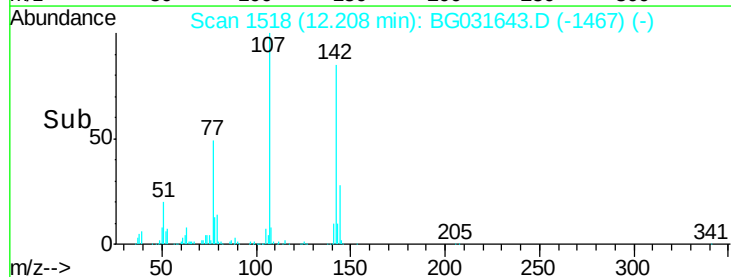
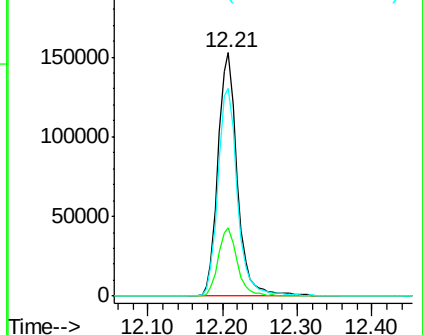
142 85.1 59.0 88.4

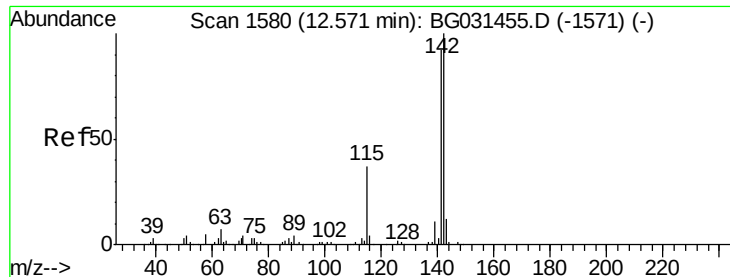


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

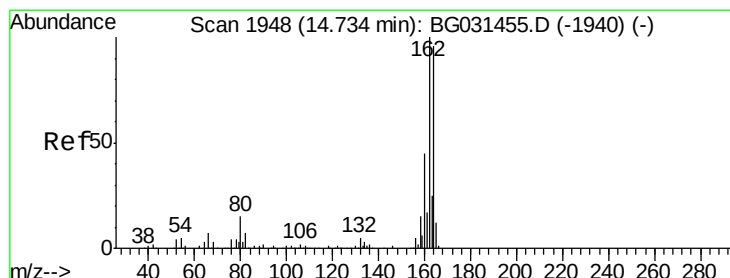
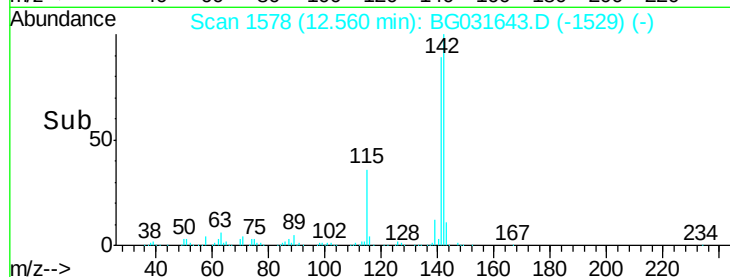
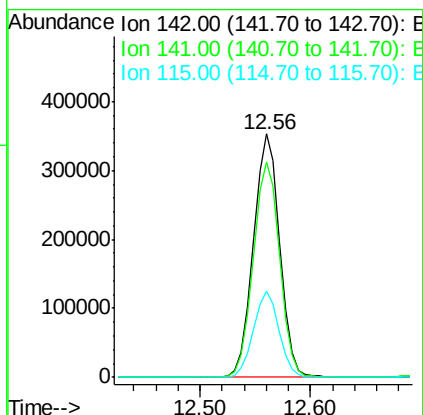
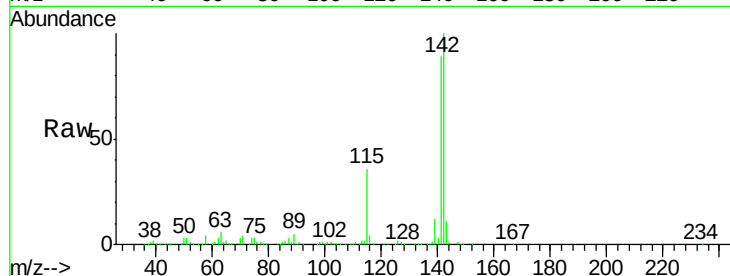




#37
2-Methylnaphthalene
Concen: 47.887 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

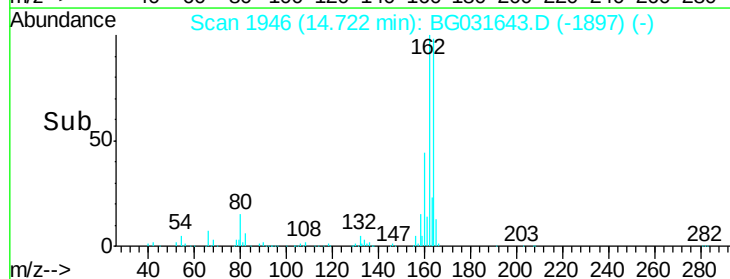
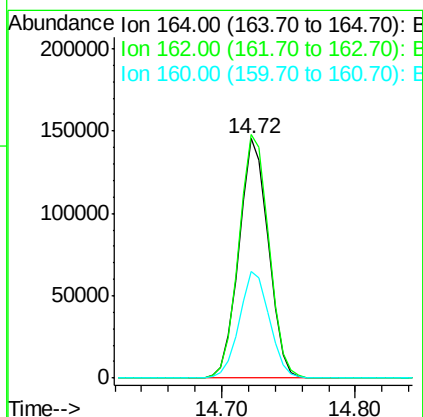
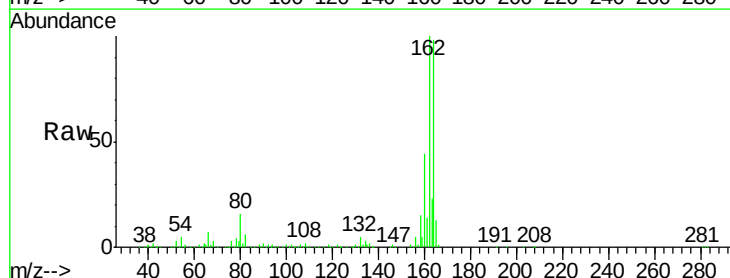
Instrument :
BNA_G
ClientSampled :

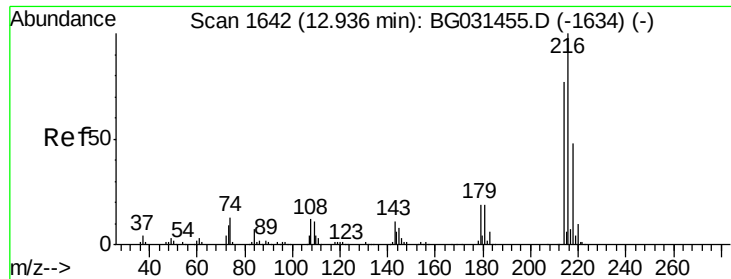
Tot Ion:142 Resp: 588311
Ion Ratio Lower Upper
142 100
141 88.7 67.1 100.7
115 35.5 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion:164 Resp: 220976
Ion Ratio Lower Upper
164 100
162 101.8 78.8 118.2
160 44.6 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.644 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 411463

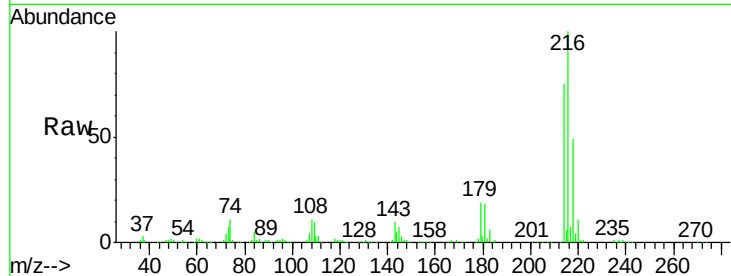
Ion Ratio Lower Upper

216 100

214 76.6 63.0 94.4

179 18.7 17.0 25.6

108 12.8 12.8 19.2

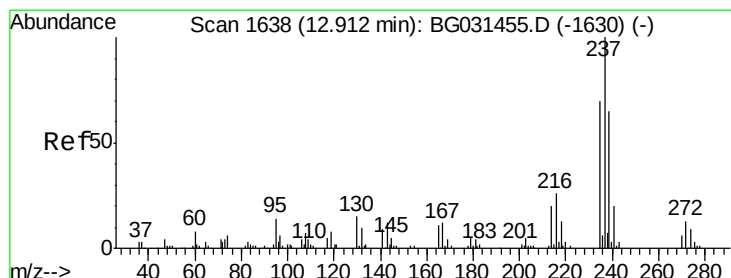
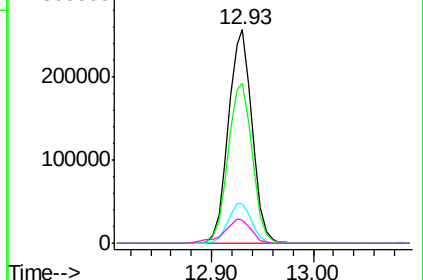
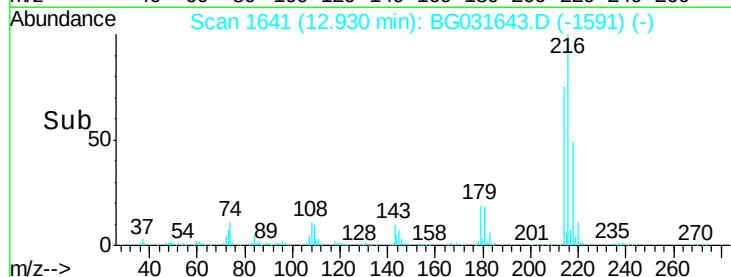


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.428 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

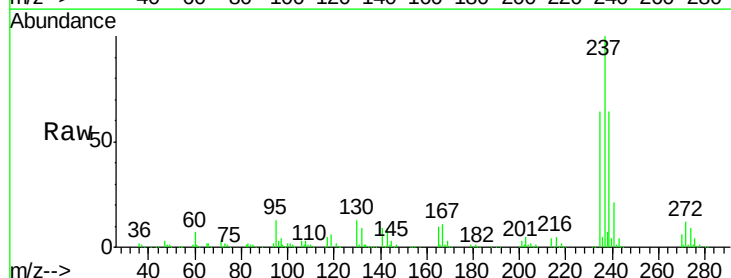
Tgt Ion:237 Resp: 290598

Ion Ratio Lower Upper

237 100

235 63.5 50.4 90.4

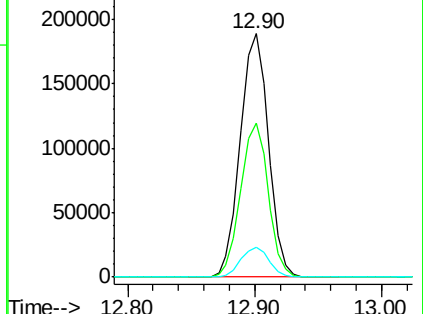
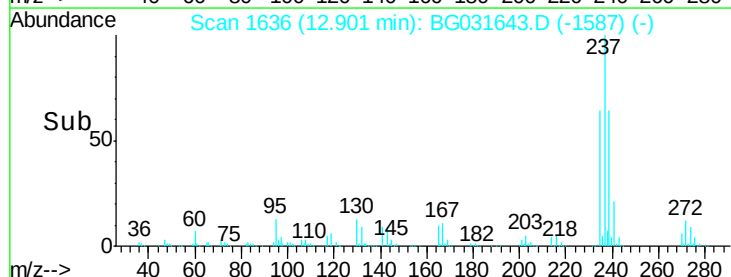
272 12.2 0.0 31.8

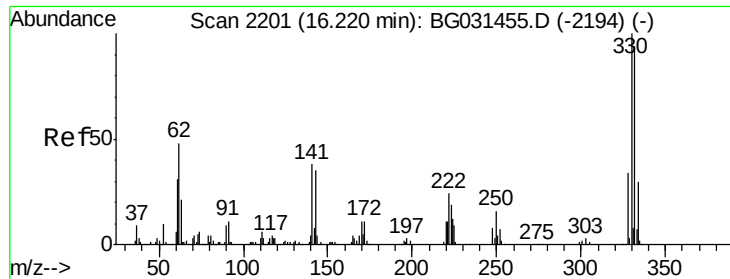


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

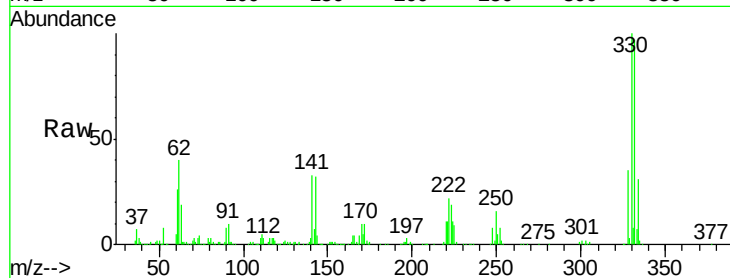




#41
 2,4,6-Tribromophenol
 Concen: 180.051 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.0	25.2	37.8

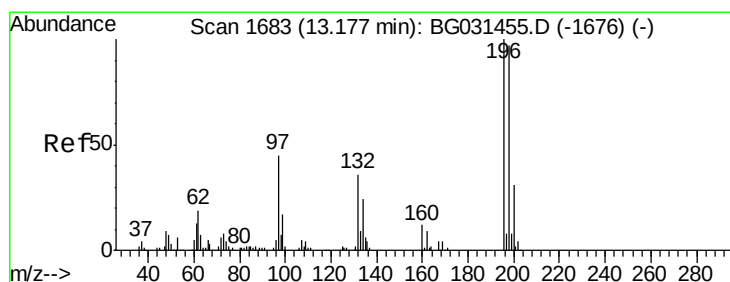
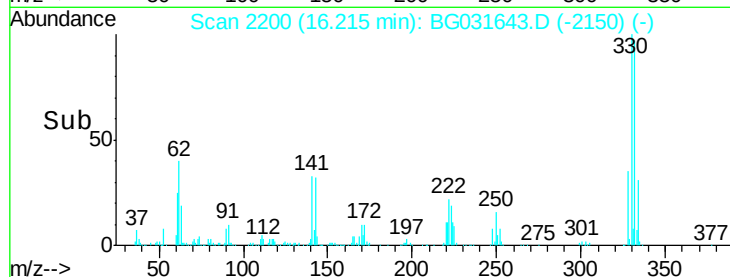
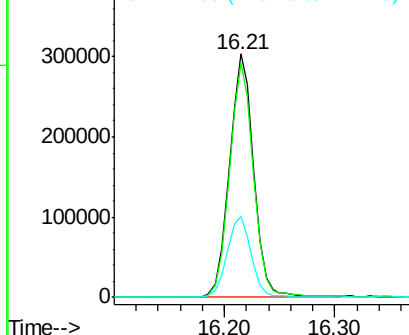


Abundance

Ion 329.80 (329.50 to 330.50): E

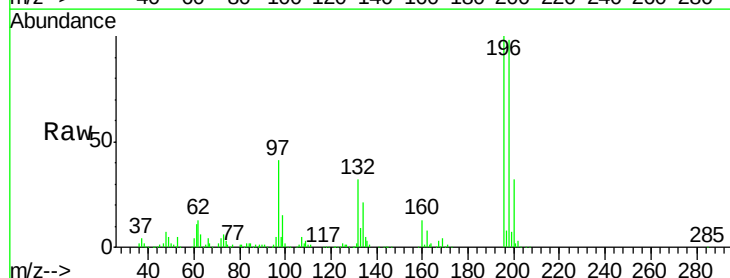
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 57.224 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	78.2	117.2
200	32.4	24.6	36.8

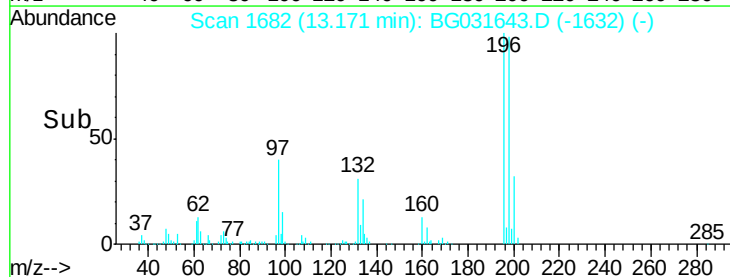
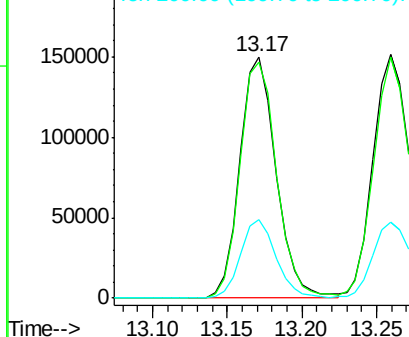


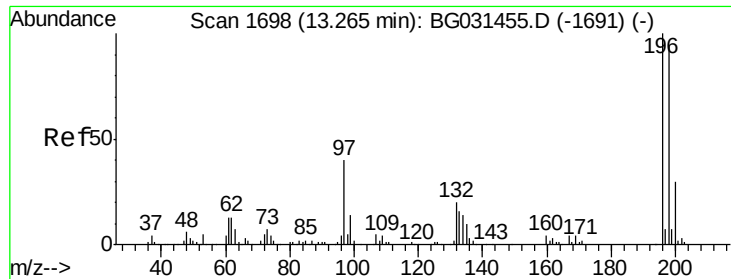
Abundance

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

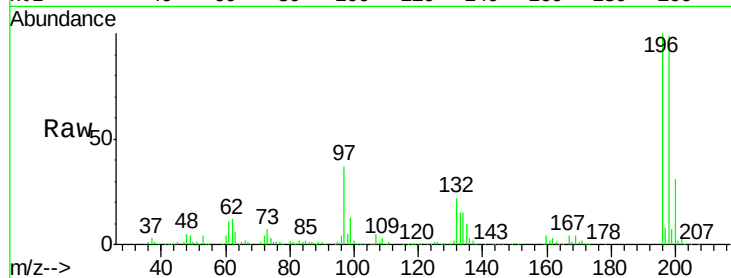




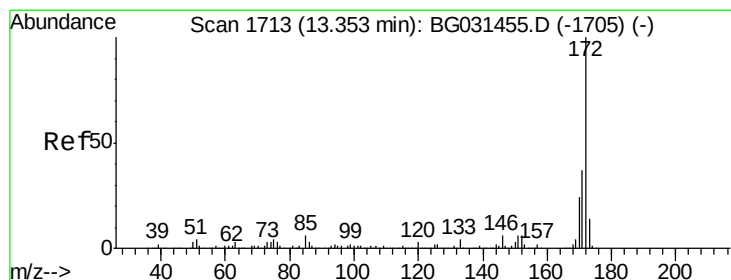
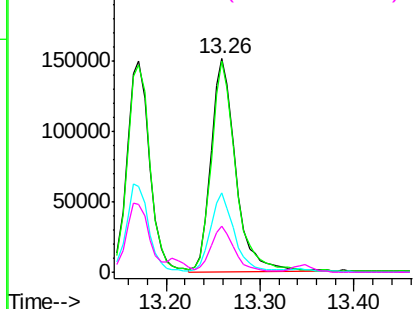
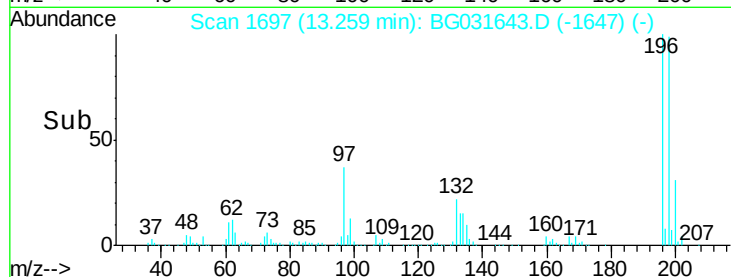
#43
2,4,5-Trichlorophenol
Concen: 58.168 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.2	114.4
97	37.4	38.7	58.1
132	21.5	20.2	30.2

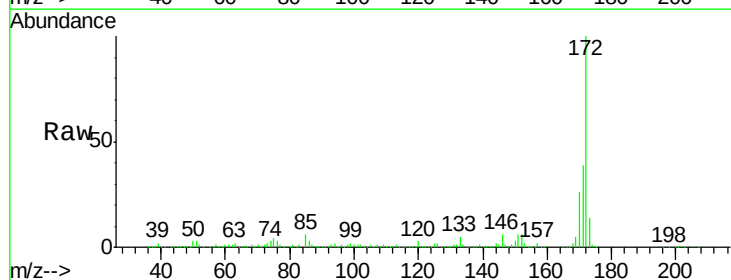


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

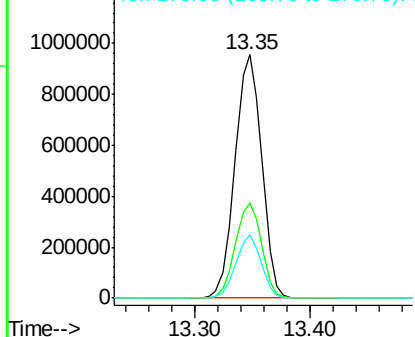
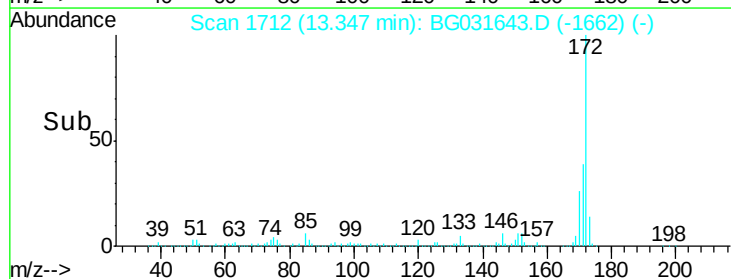


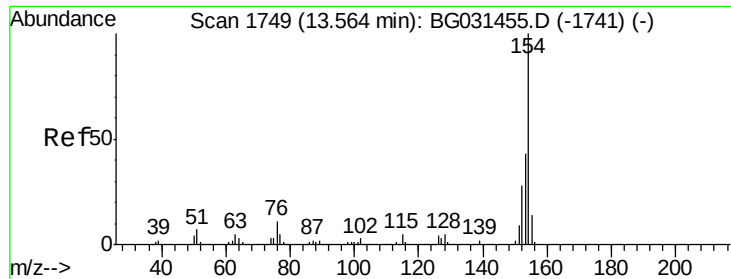
#44
2-Fluorobiphenyl
Concen: 101.123 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.0	45.0
170	25.7	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: 45.724 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

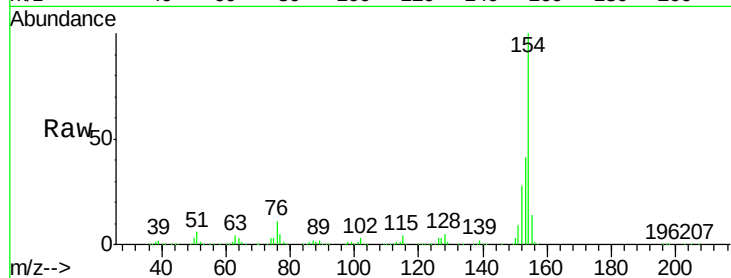
Tot Ion:154 Resp: 829875

Ion Ratio Lower Upper

154 100

153 41.3 19.8 59.8

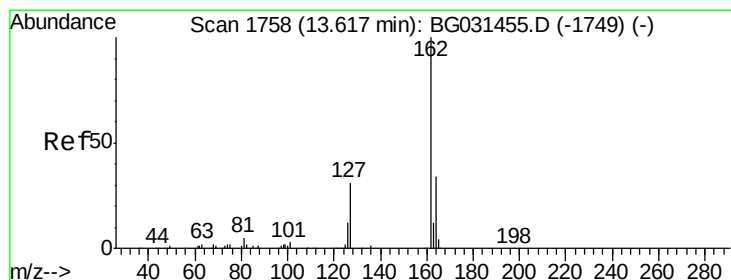
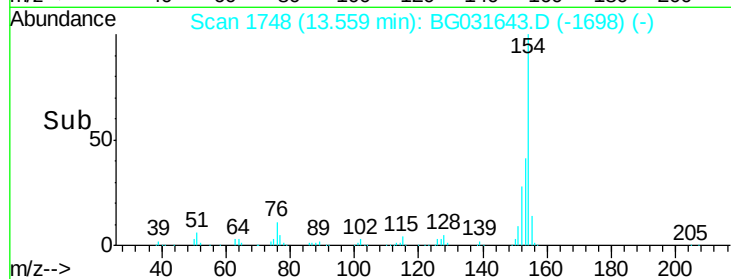
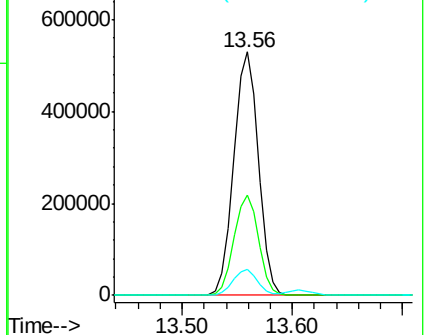
76 10.6 0.0 31.9



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): BGC



#46

2-Chloronaphthalene

Concen: 49.130 ng

RT: 13.61 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

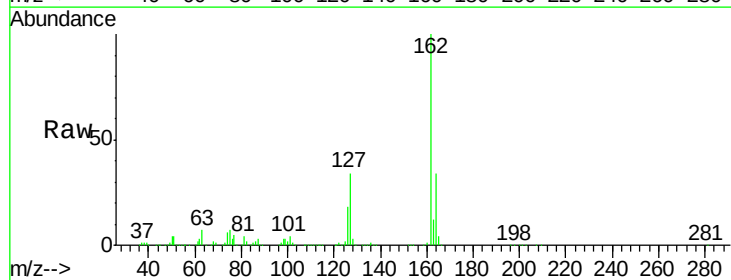
Tgt Ion:162 Resp: 652641

Ion Ratio Lower Upper

162 100

127 34.3 30.7 46.1

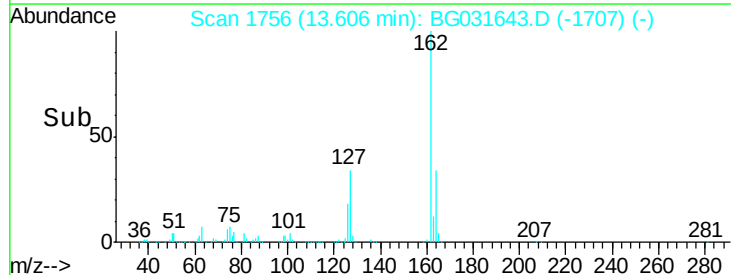
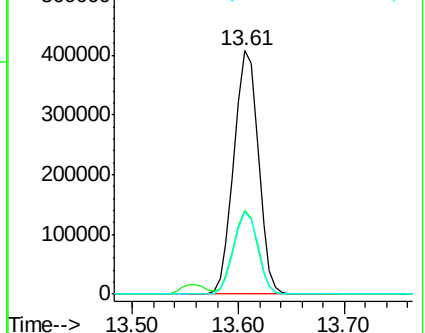
164 33.7 26.0 39.0

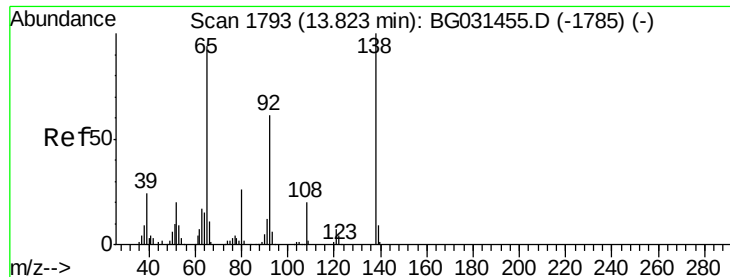


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

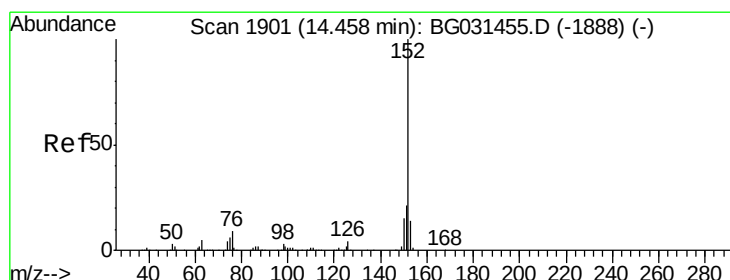
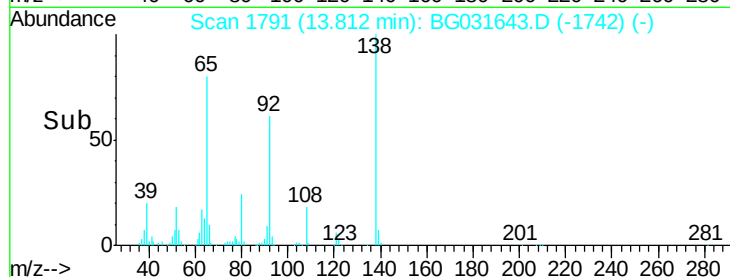
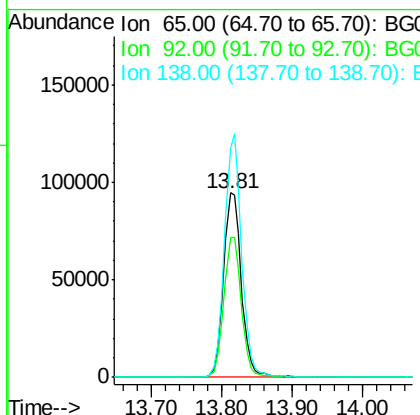
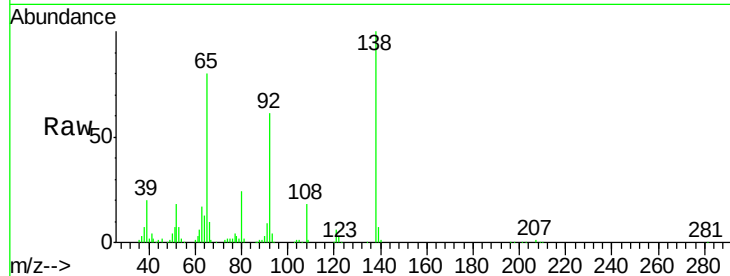




#47
2-Nitroaniline
Concen: 44.771 ng
RT: 13.81 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

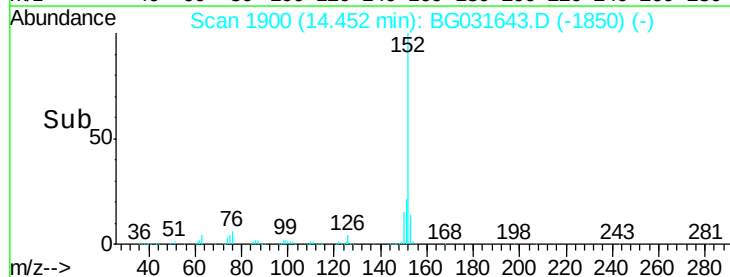
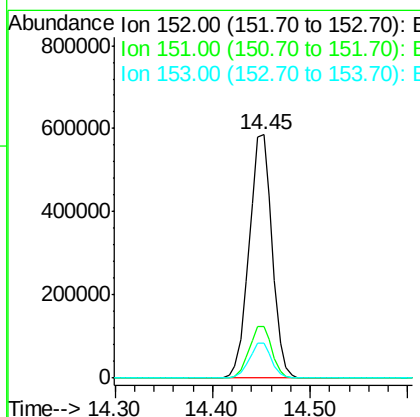
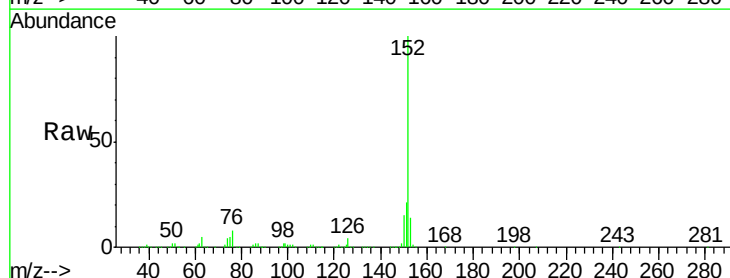
Instrument :
BNA_G
ClientSampleId :

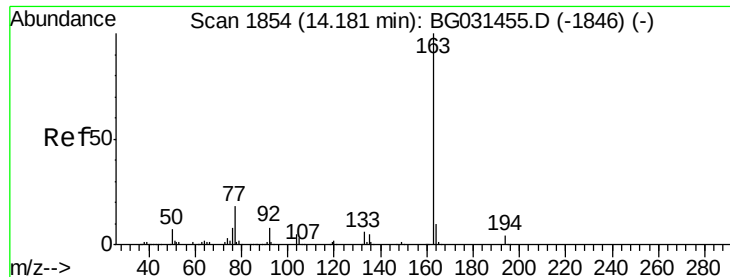
Tot Ion: 65 Resp: 167121
Ion Ratio Lower Upper
65 100
92 76.1 54.6 82.0
138 124.9 72.9 109.3#



#48
Acenaphthylene
Concen: 45.251 ng
RT: 14.45 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion: 152 Resp: 967225
Ion Ratio Lower Upper
152 100
151 21.4 17.2 25.8
153 14.3 10.2 15.4





#49

Dimethylphthalate

Concen: 48.195 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

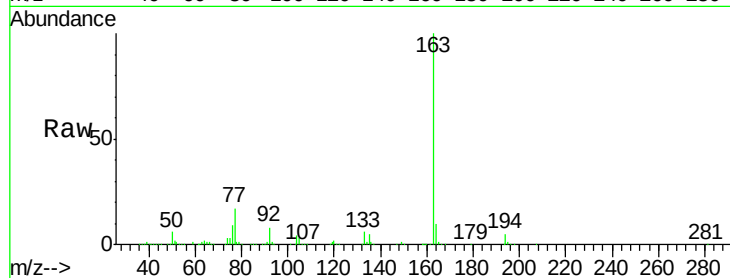
Tot Ion:163 Resp: 881702

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

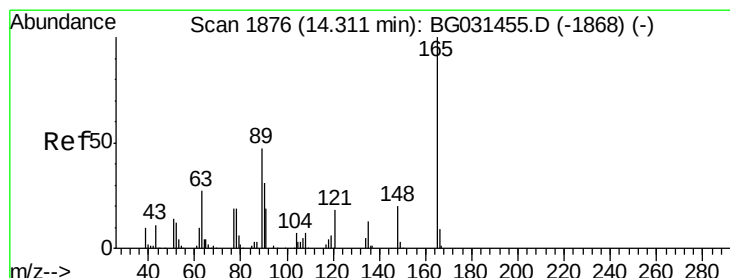
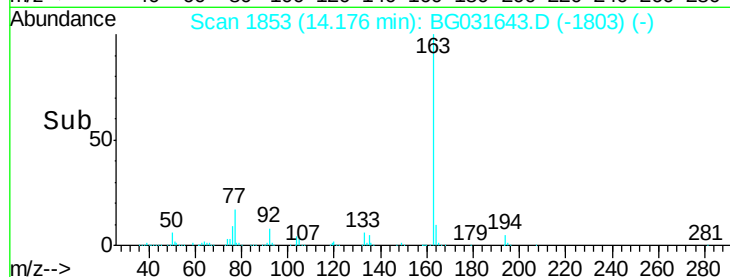
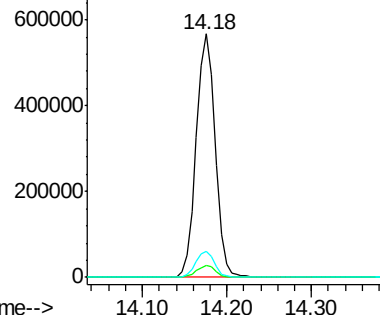
164 10.4 8.2 12.4



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: 51.798 ng

RT: 14.31 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

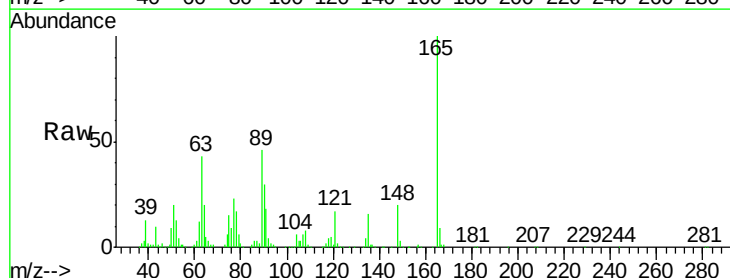
Tgt Ion:165 Resp: 202549

Ion Ratio Lower Upper

165 100

63 43.0 52.7 79.1#

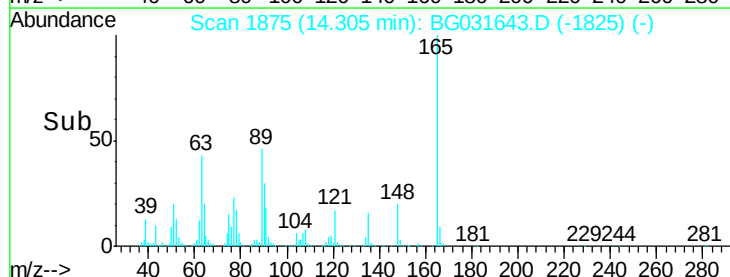
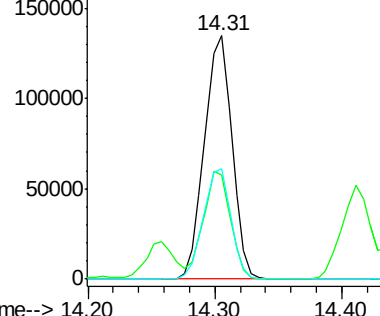
89 45.6 49.2 73.8#

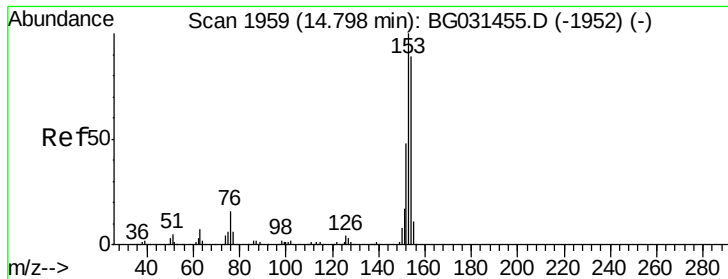


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.288 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

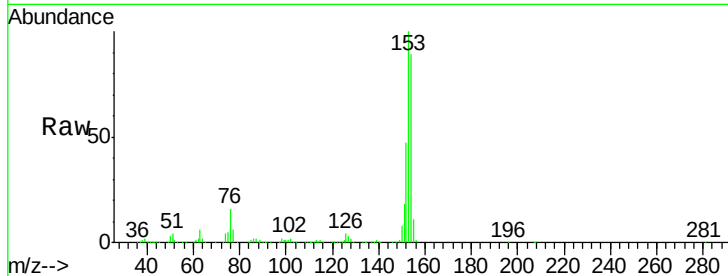
Tot Ion:154 Resp: 612085

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.4	135.6
152	52.1	41.6	62.4

154 100

153 111.9 90.4 135.6

152 52.1 41.6 62.4

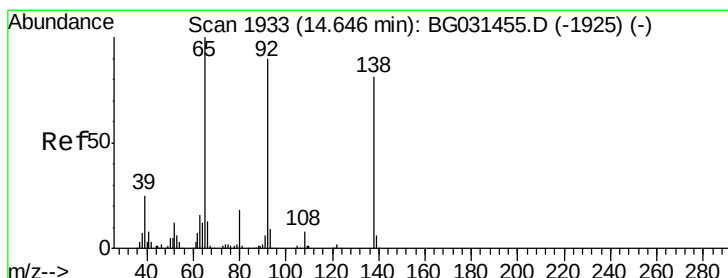
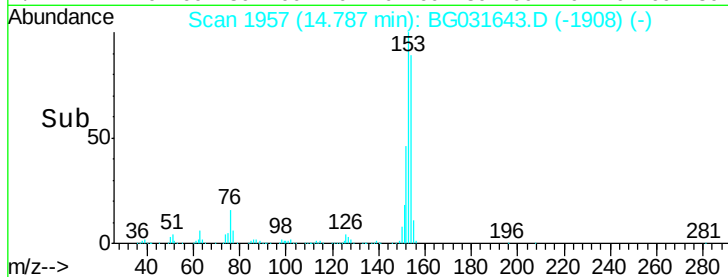
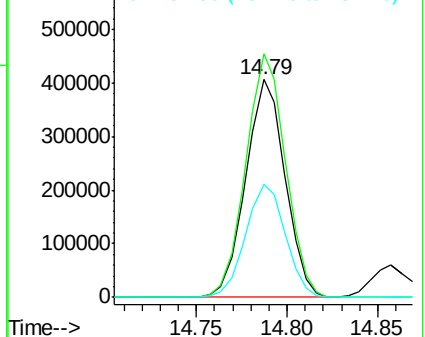


Abundance

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: 11.298 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

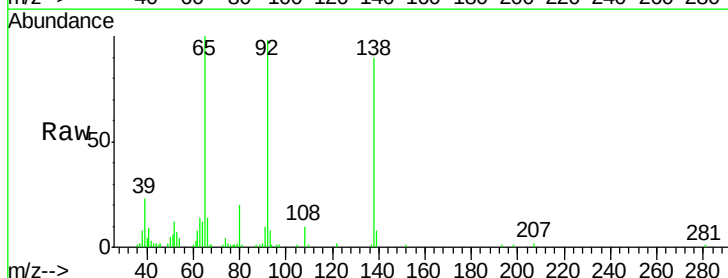
Tgt Ion:138 Resp: 45037

Ion	Ratio	Lower	Upper
138	100		
108	10.9	17.5	26.3#
92	109.4	105.8	158.8

138 100

108 10.9 17.5 26.3#

92 109.4 105.8 158.8

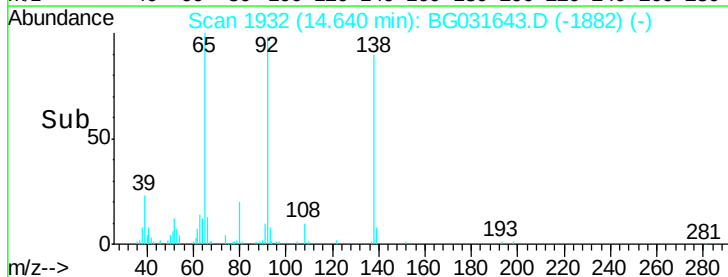
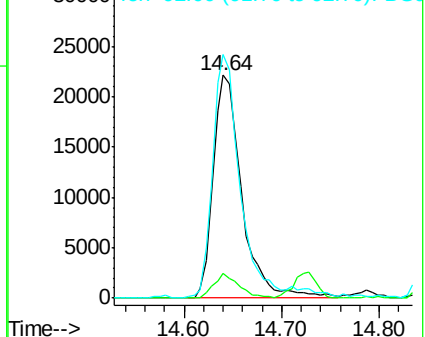


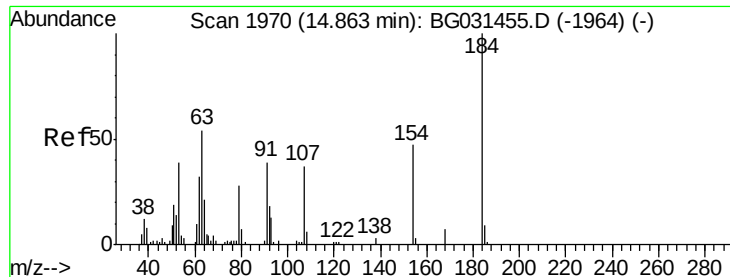
Abundance

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

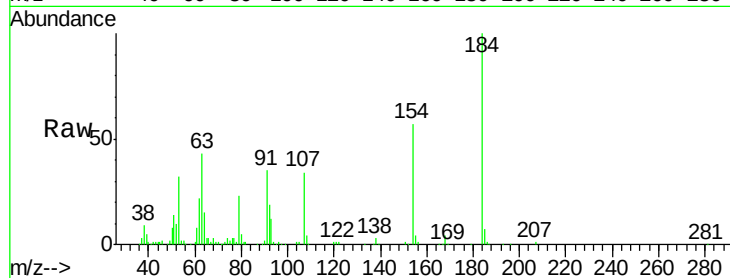




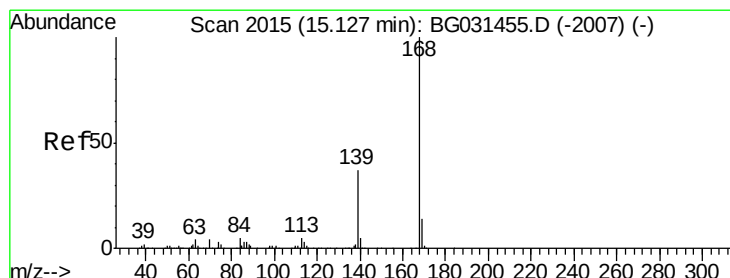
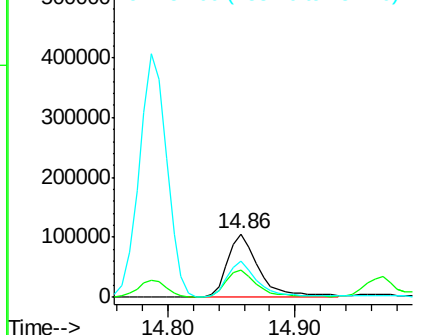
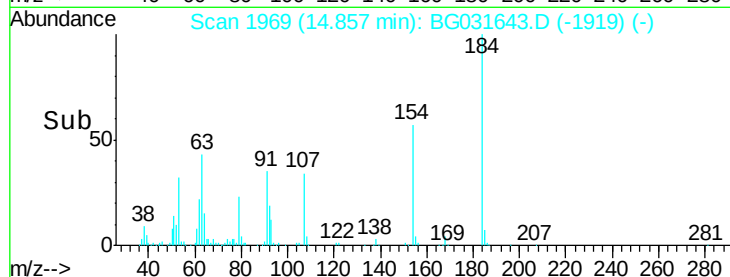
#53
2,4-Dinitrophenol
Concen: 108.402 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 182807
Ion Ratio Lower Upper
184 100
63 43.5 59.8 89.8#
154 56.6 101.8 152.8#

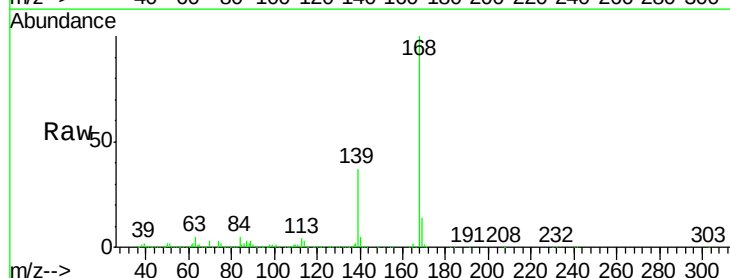


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

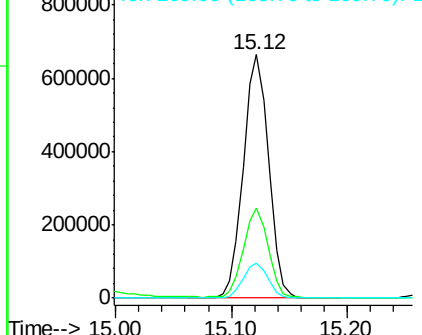
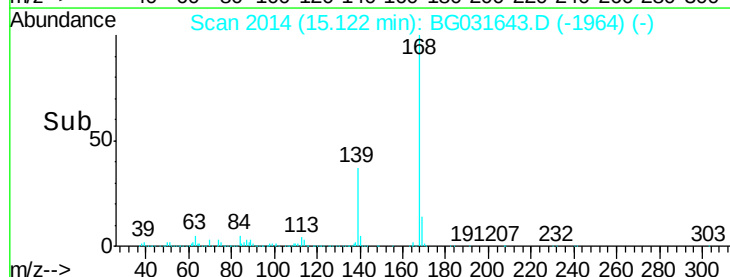


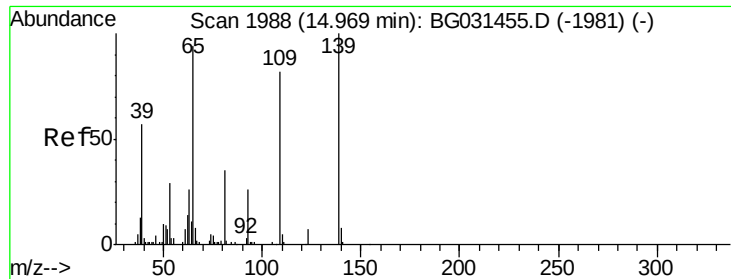
#54
Dibenzofuran
Concen: 46.873 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion:168 Resp: 1010928
Ion Ratio Lower Upper
168 100
139 37.1 28.6 43.0
169 14.2 11.2 16.8



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

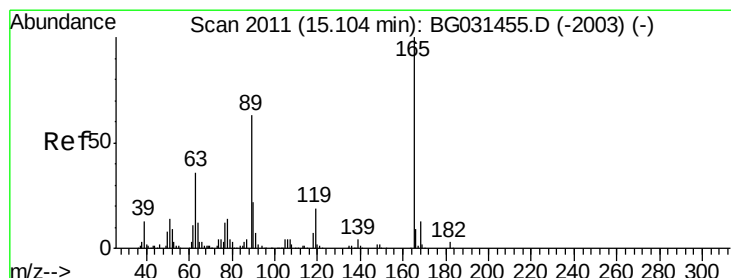
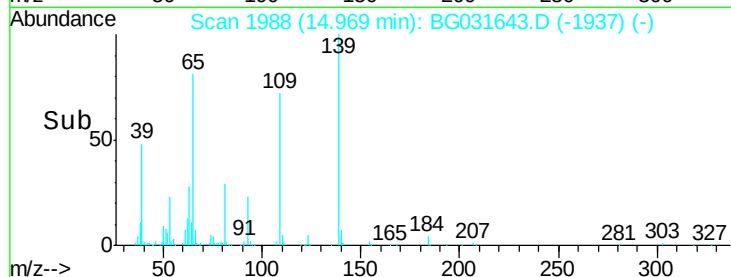
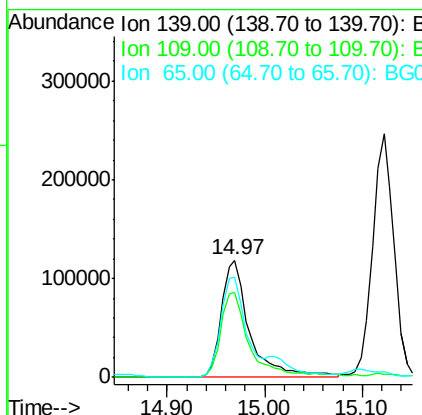
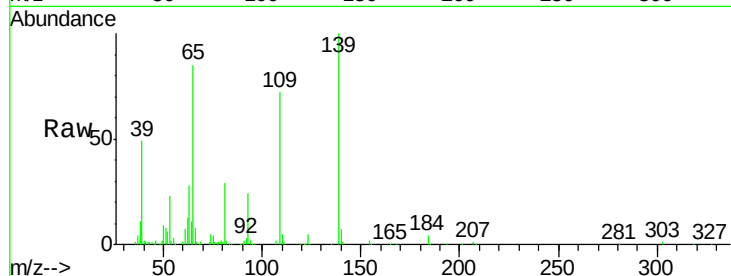




#55
4-Nitrophenol
Concen: 88.401 ng
RT: 14.97 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

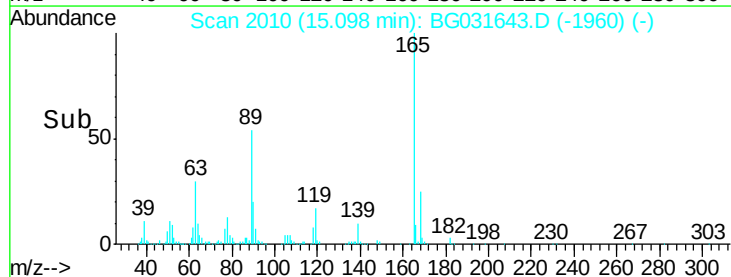
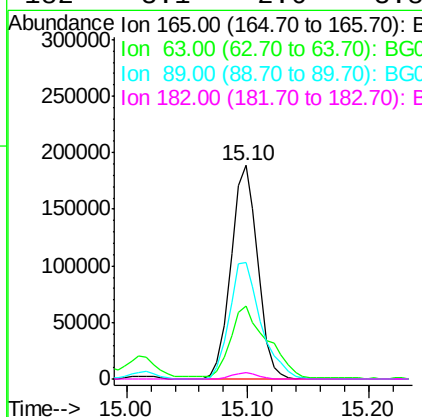
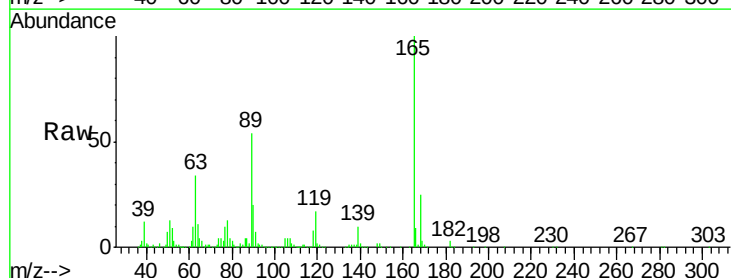
Instrument :
BNA_G
ClientSampleId :

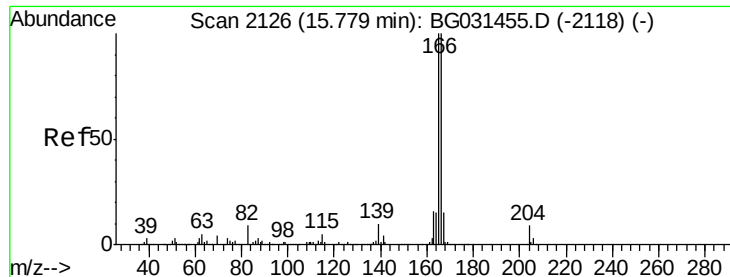
Tot Ion	Ratio	Lower	Upper
139	100		
109	71.9	62.2	102.2
65	85.1	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 52.254 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.9	42.0	63.0#
89	54.3	66.9	100.3#
182	3.1	2.6	3.8





#57

Fluorene

Concen: 46.990 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

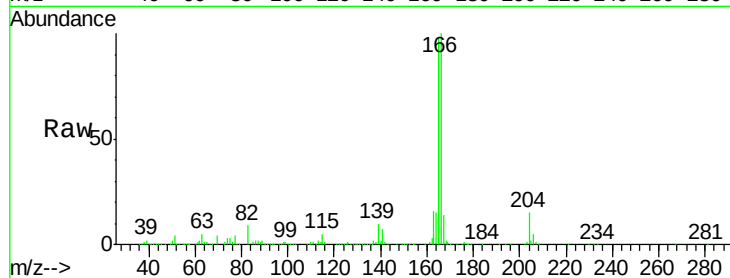
Tot Ion:166 Resp: 812034

Ion Ratio Lower Upper

166 100

165 97.6 80.6 121.0

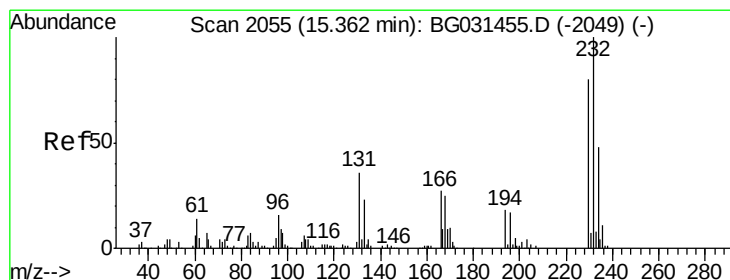
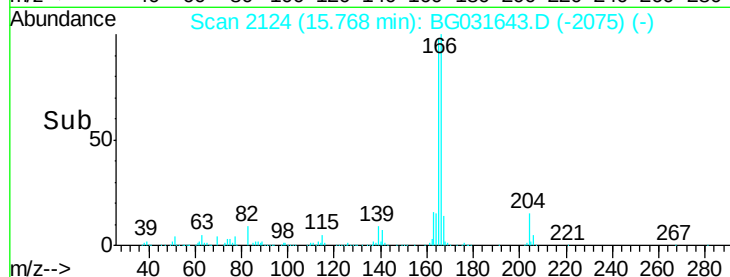
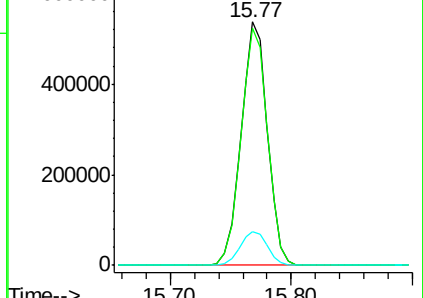
167 14.0 10.4 15.6



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: 60.019 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Tgt Ion:232 Resp: 268145

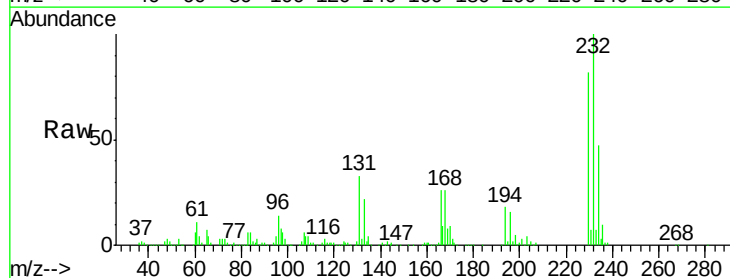
Ion Ratio Lower Upper

232 100

131 32.7 33.5 50.3#

130 1.9 2.2 3.2#

166 25.7 24.8 37.2

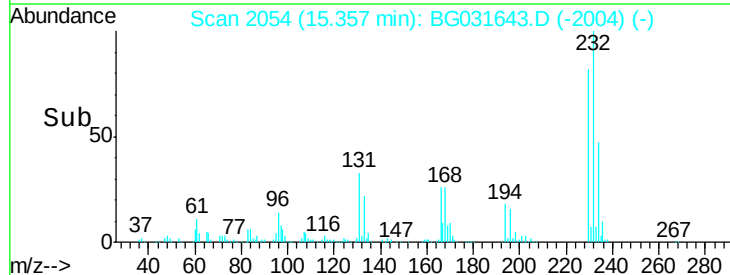
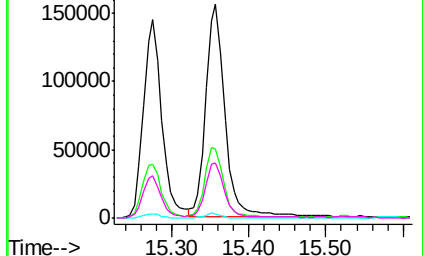


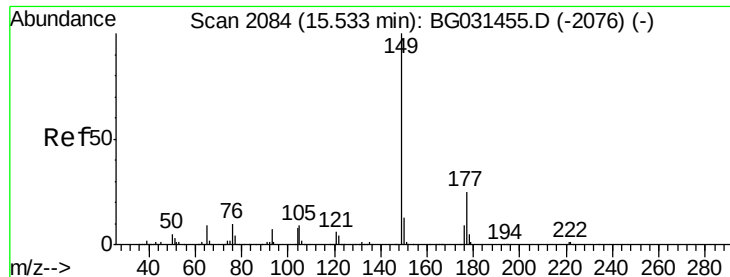
Abundance Ion 232.00 (231.70 to 232.70): E

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

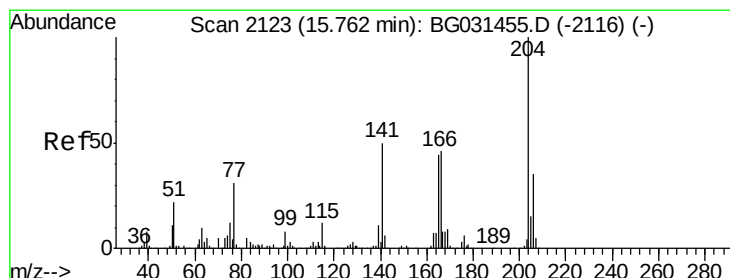
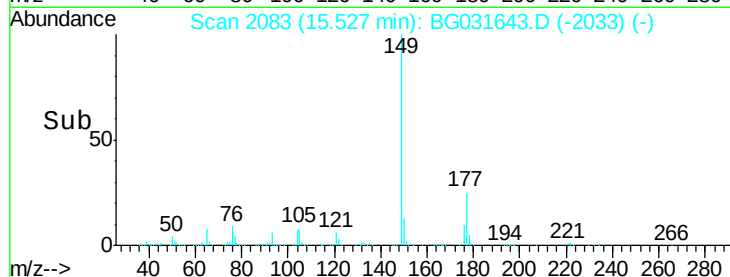
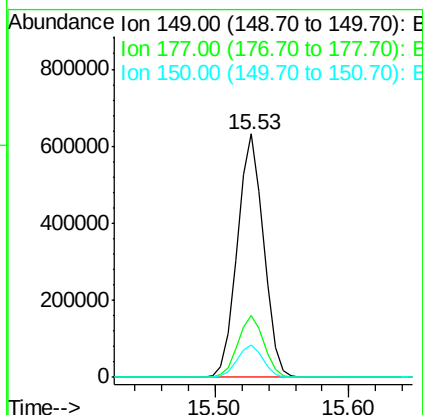
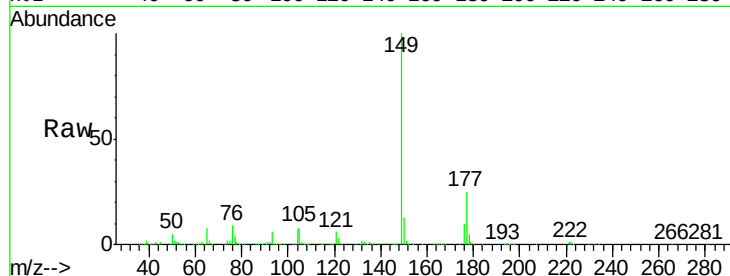




#59
Diethylphthalate
Concen: 46.698 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

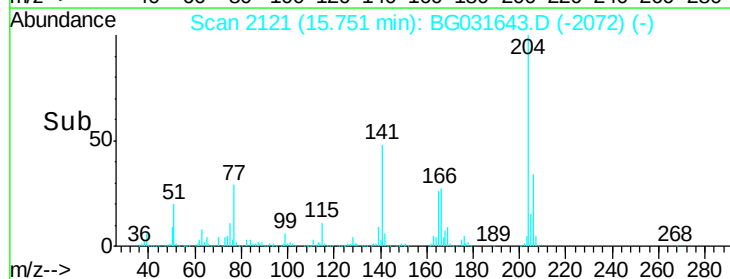
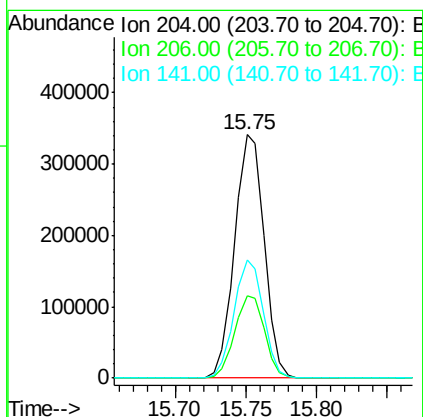
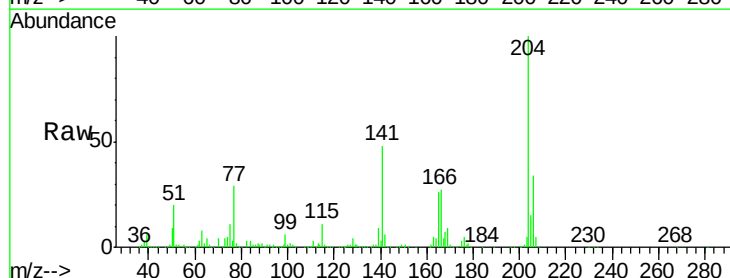
Instrument :
BNA_G
ClientSampleId :

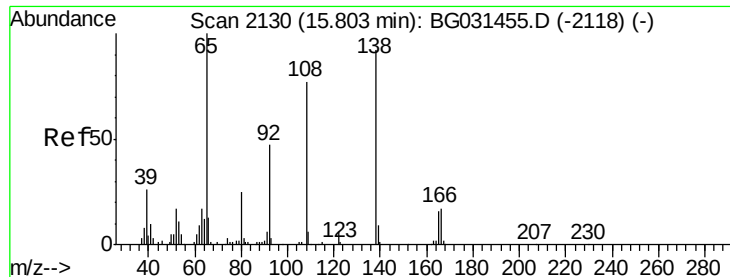
Tot Ion	Ratio	Lower	Upper
149	100		
177	25.3	18.5	27.7
150	13.3	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.005 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.2	39.2
141	48.4	45.8	68.6

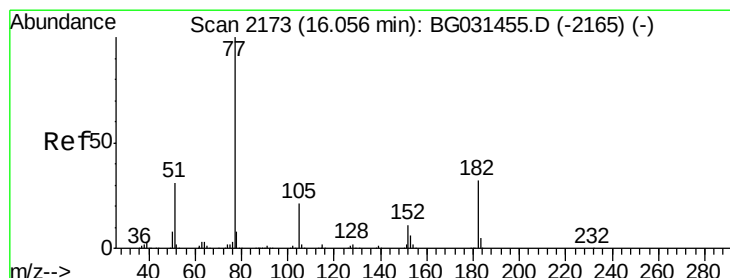
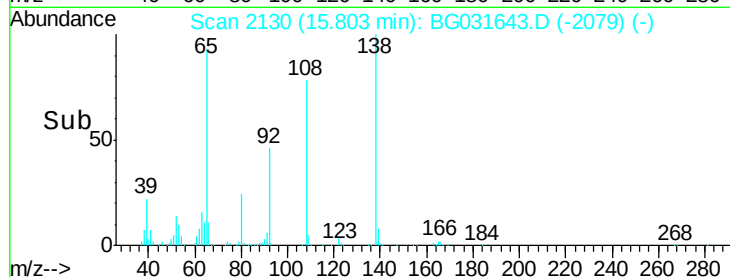
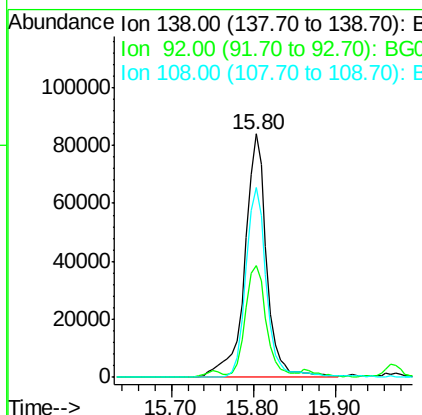
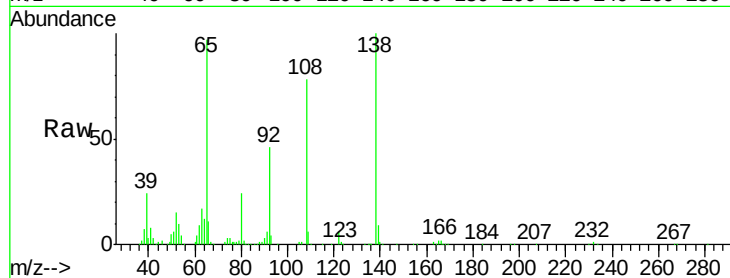




#61
4-Nitroaniline
Concen: 37.597 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

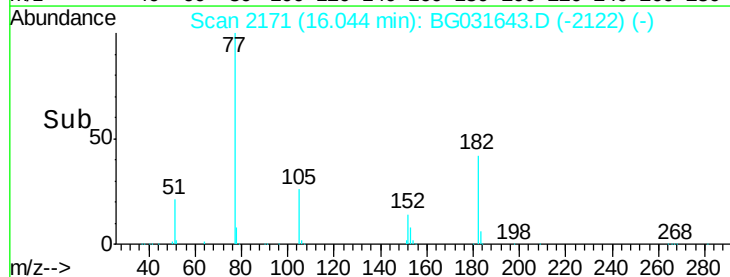
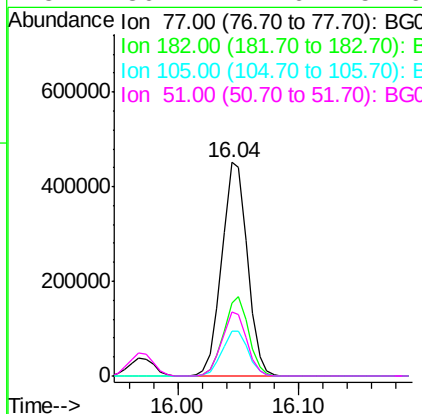
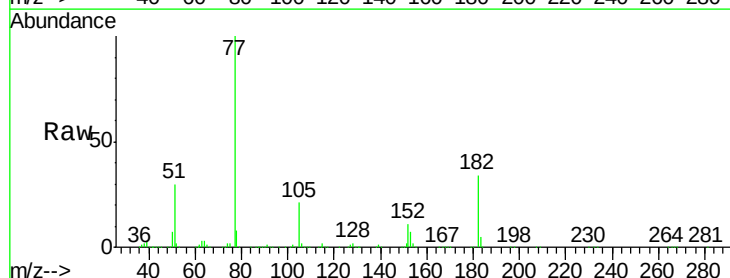
Instrument :
BNA_G
ClientSampleId :

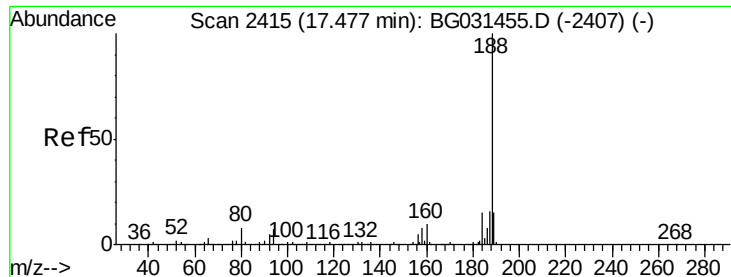
Tot Ion:138 Resp: 157275
Ion Ratio Lower Upper
138 100
92 45.9 40.1 80.1
108 78.2 65.4 105.4



#62
Azobenzene
Concen: 43.409 ng
RT: 16.04 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion: 77 Resp: 659406
Ion Ratio Lower Upper
77 100
182 34.2 7.4 47.4
105 21.1 0.3 40.3
51 30.2 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampled :

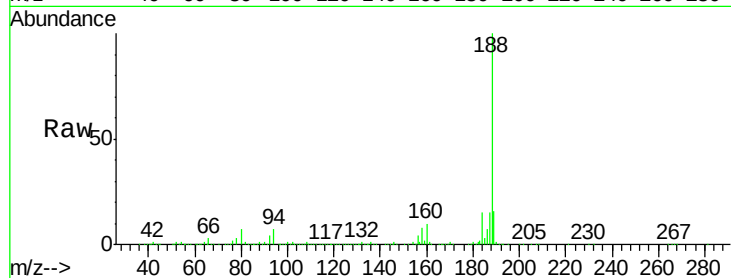
Tot Ion:188 Resp: 563452

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

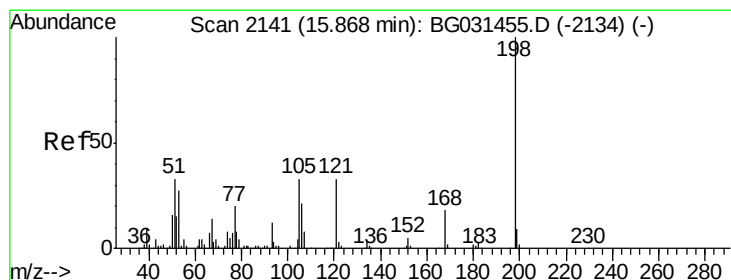
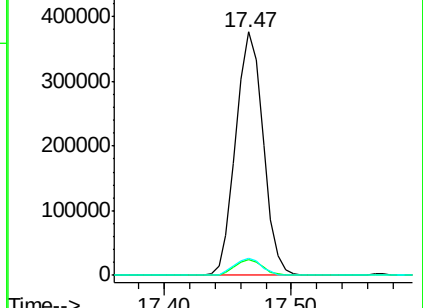
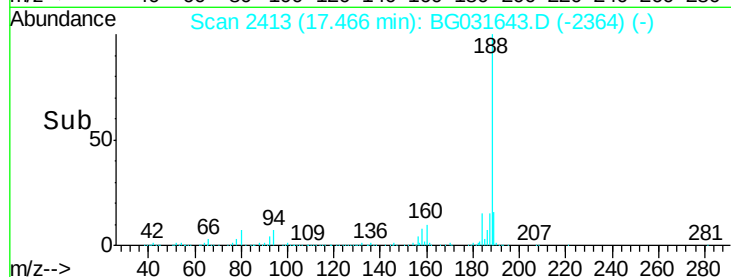
80 7.2 7.7 11.5#



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: 45.516 ng

RT: 15.87 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

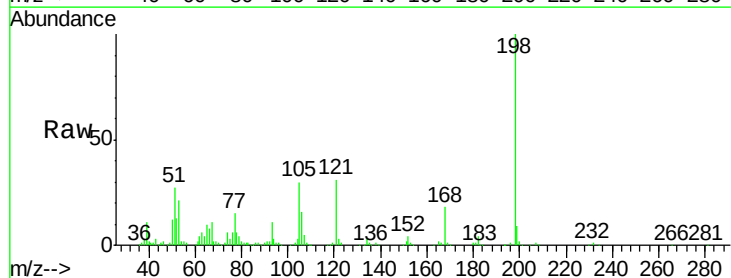
Tgt Ion:198 Resp: 154265

Ion Ratio Lower Upper

198 100

51 27.3 30.6 70.6#

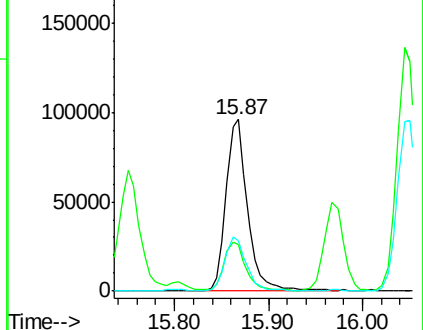
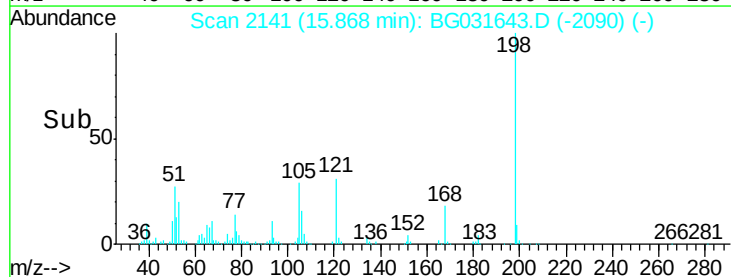
105 29.7 23.8 63.8

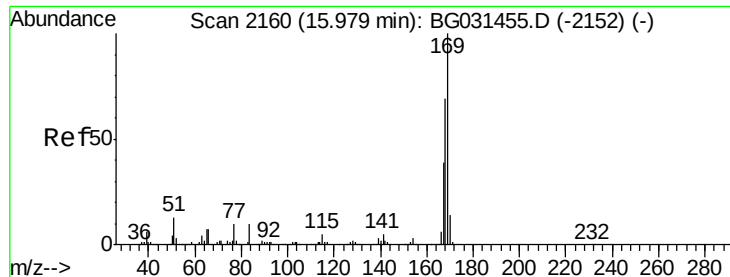


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

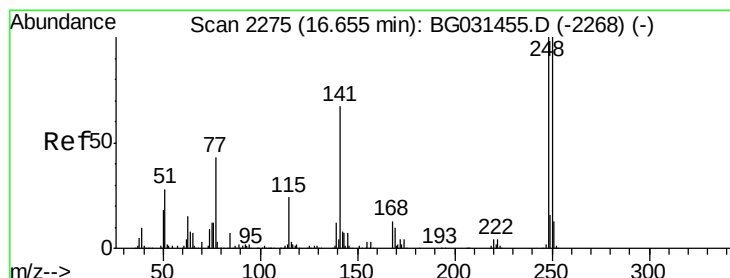
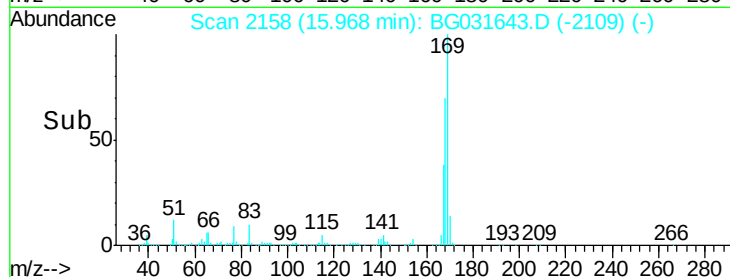
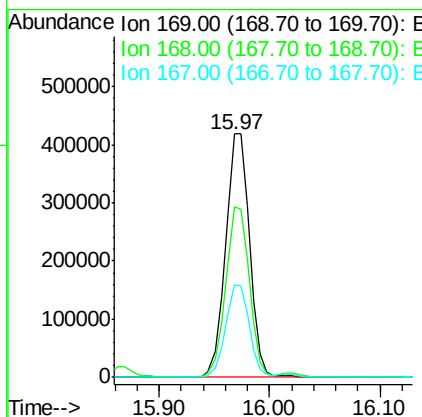
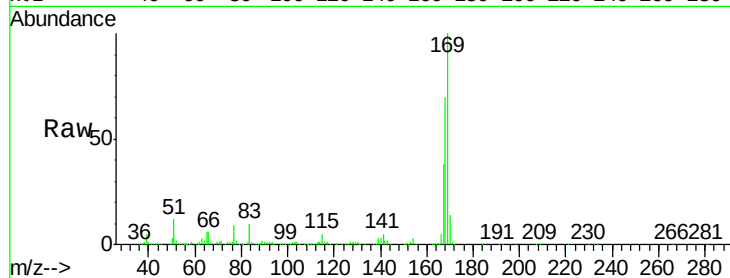




#65
 n-Nitrosodiphenylamine
 Concen: 38.729 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

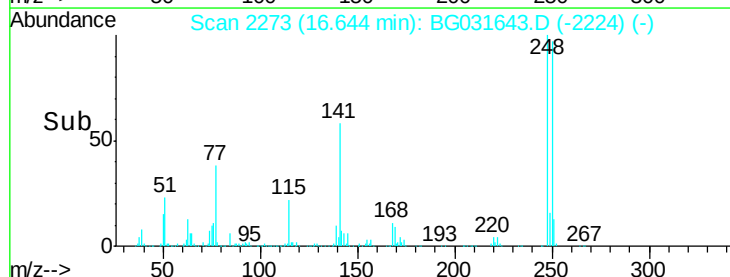
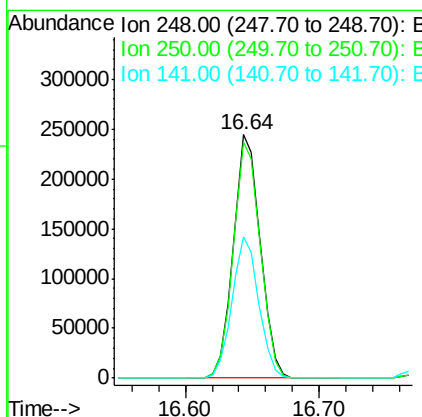
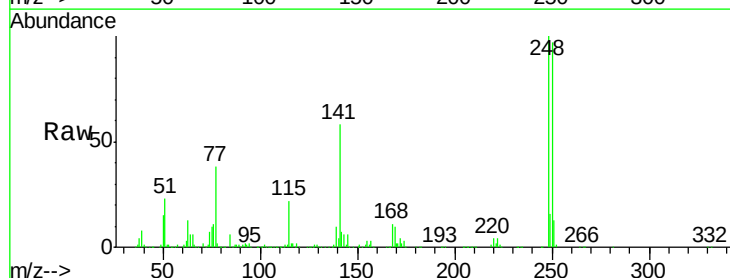
Instrument :
 BNA_G
 ClientSampleId :

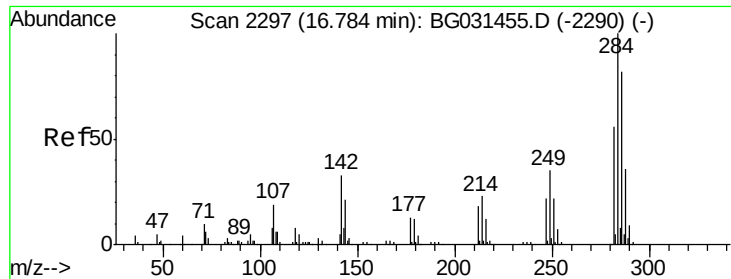
Tot Ion:169 Resp: 638741
 Ion Ratio Lower Upper
 169 100
 168 70.2 55.7 83.5
 167 37.8 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 52.272 ng
 RT: 16.64 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

Tgt Ion:248 Resp: 342488
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.1 115.7
 141 58.2 50.8 76.2





#67

Hexachlorobenzene

Concen: 51.390 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

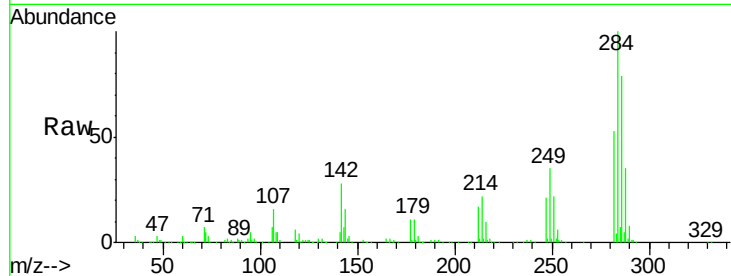
Tot Ion:284 Resp: 347687

Ion Ratio Lower Upper

284 100

142 28.2 26.8 40.2

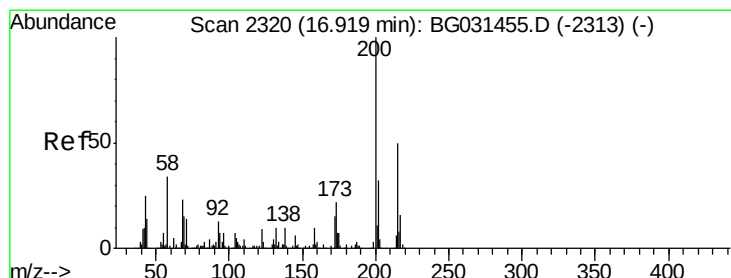
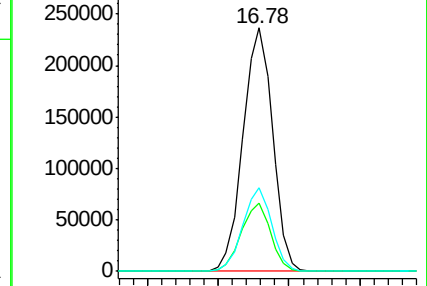
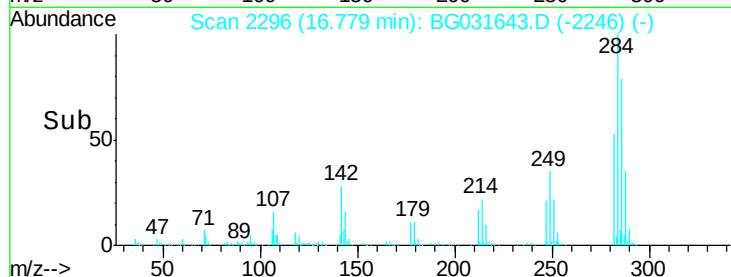
249 34.6 26.3 39.5



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: 33.017 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

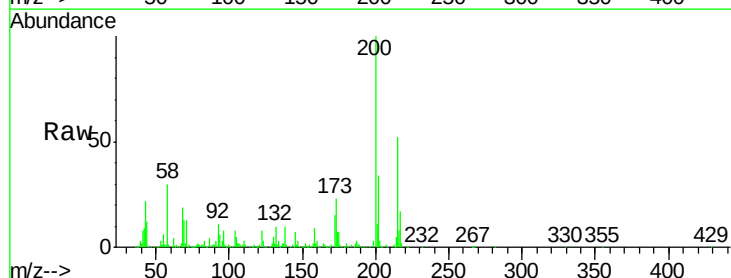
Tgt Ion:200 Resp: 199108

Ion Ratio Lower Upper

200 100

173 23.4 5.2 45.2

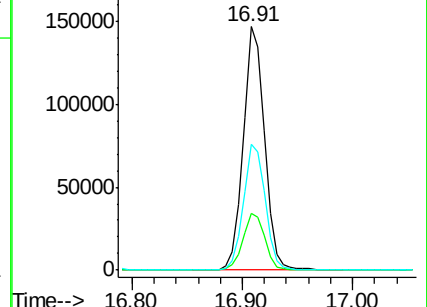
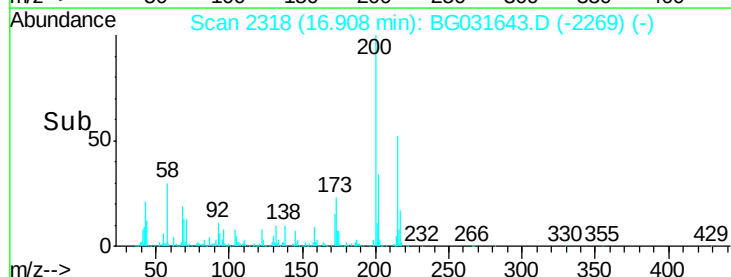
215 51.7 30.4 70.4

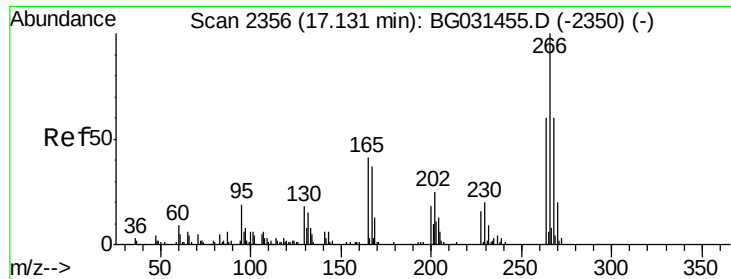


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

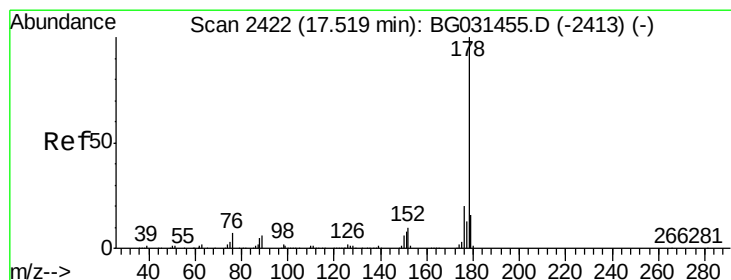
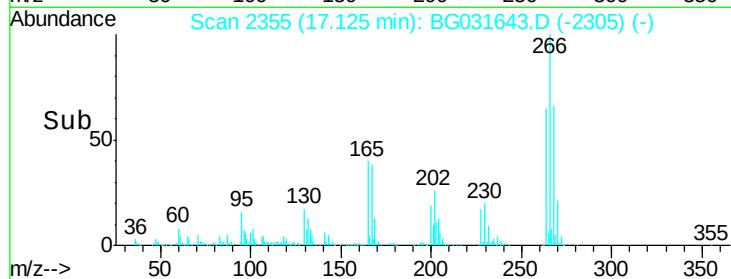
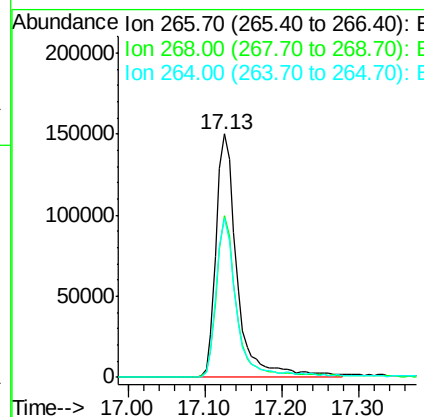
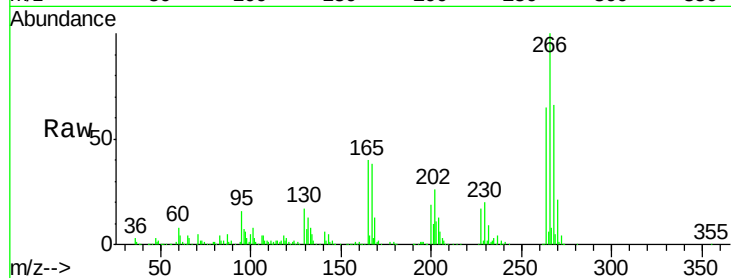




#69
 Pentachlorophenol
 Concen: 87.147 ng
 RT: 17.13 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

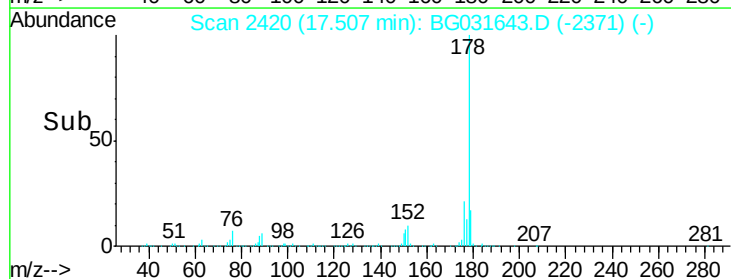
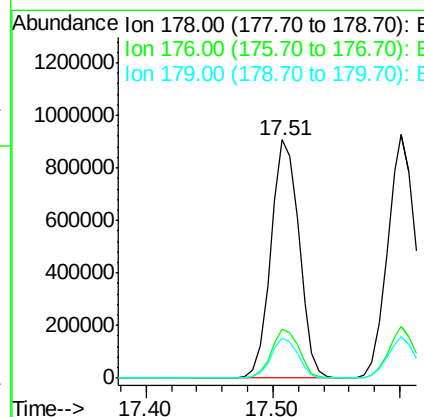
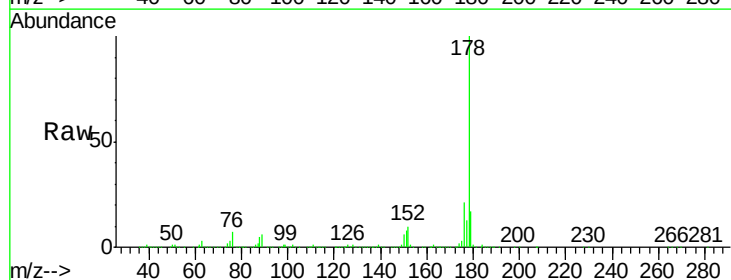
Instrument :
 BNA_G
 ClientSampleId :

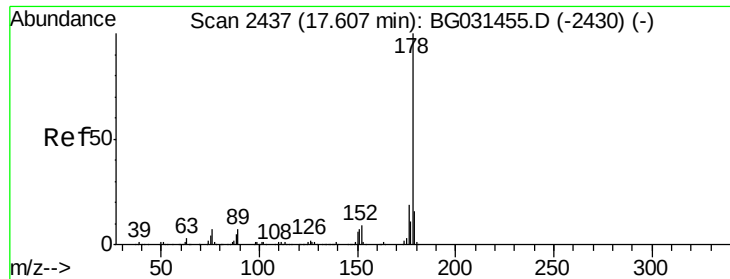
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.1	76.7
264	65.4	49.6	74.4



#70
 Phenanthrene
 Concen: 47.459 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.7	23.5
179	16.8	12.5	18.7

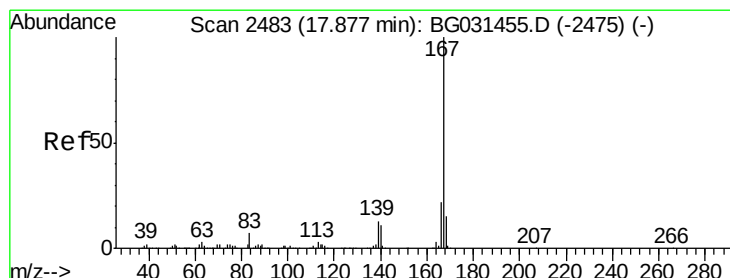
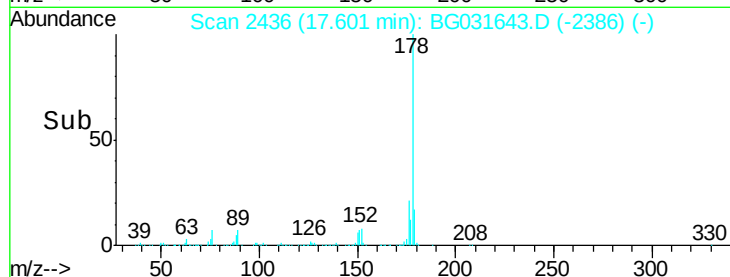
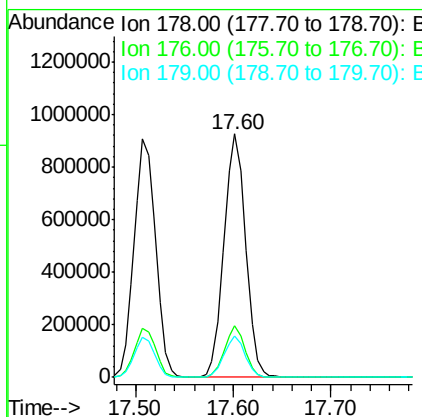
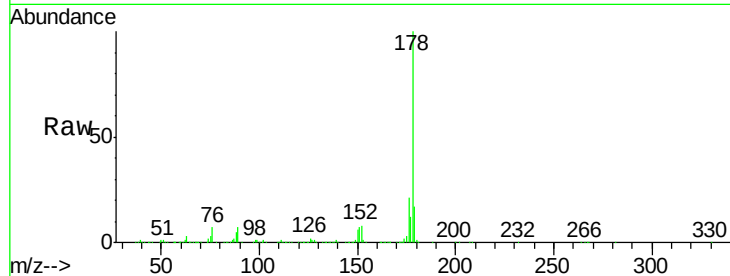




#71
 Anthracene
 Concen: 49.067 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

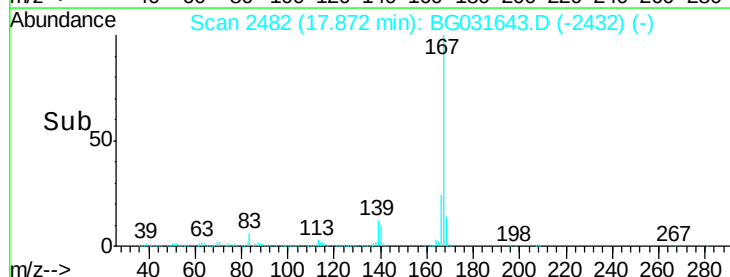
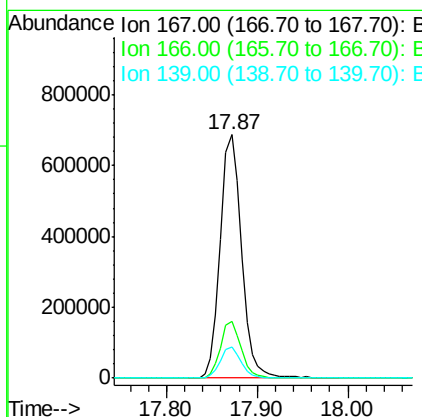
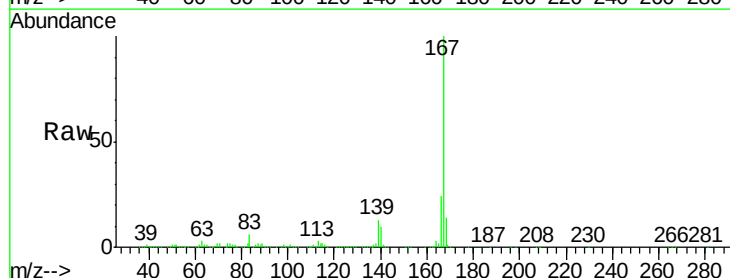
Instrument :
 BNA_G
 ClientSampleId :

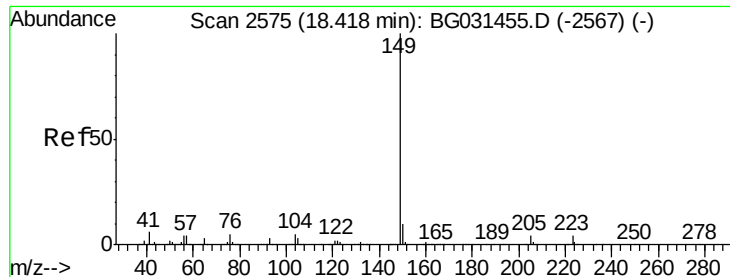
Tot Ion:178 Resp: 1428031
 Ion Ratio Lower Upper
 178 100
 176 21.0 16.0 24.0
 179 16.9 12.5 18.7



#72
 Carbazole
 Concen: 42.591 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

Tgt Ion:167 Resp: 1121743
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.2 27.4
 139 12.6 9.4 14.2





#73

Di-n-butylphthalate

Concen: 48.707 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

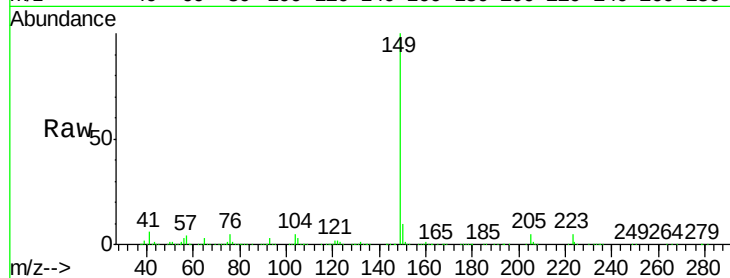
Tot Ion:149 Resp: 1481420

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

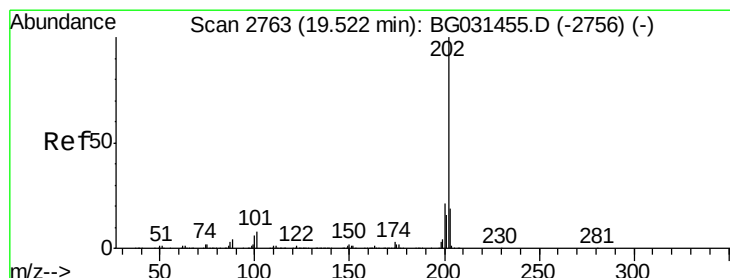
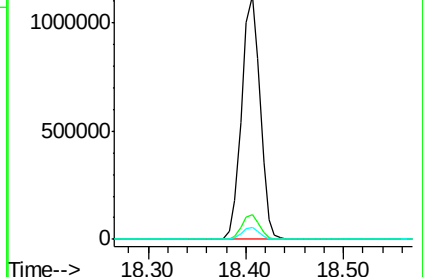
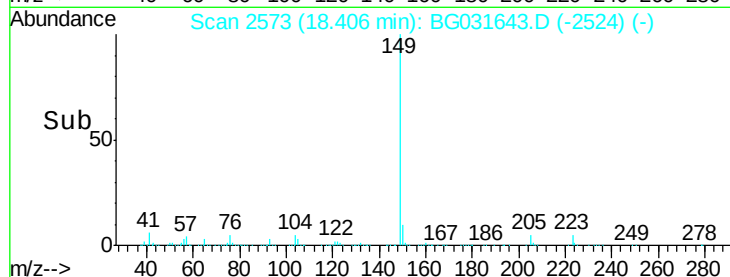
104 4.9 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.011 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

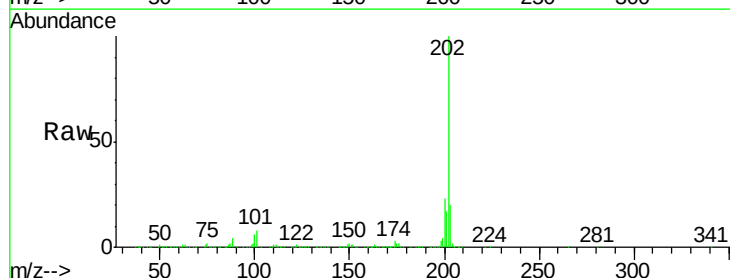
Tgt Ion:202 Resp: 1804924

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.9

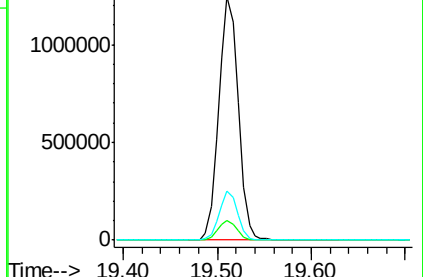
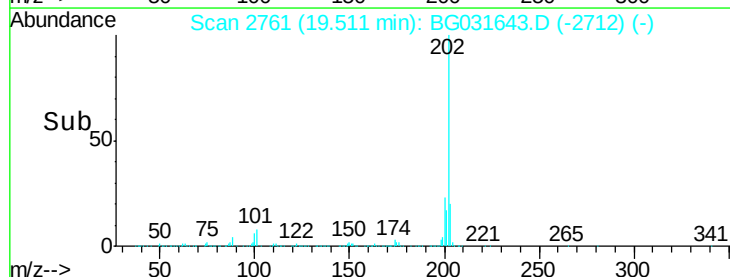
203 20.0 0.0 37.5

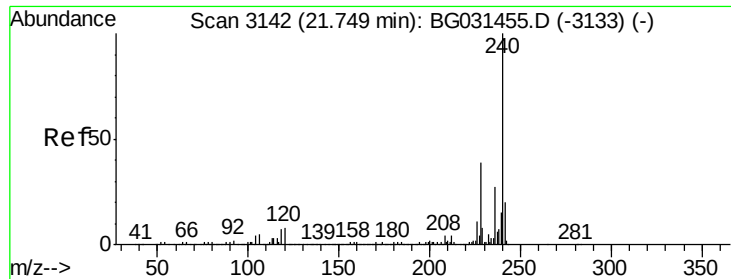


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

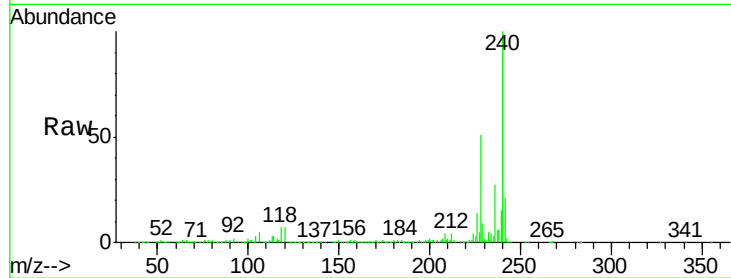
Tot Ion:240 Resp: 594410

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

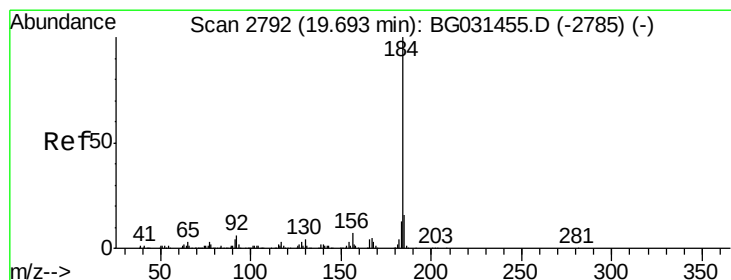
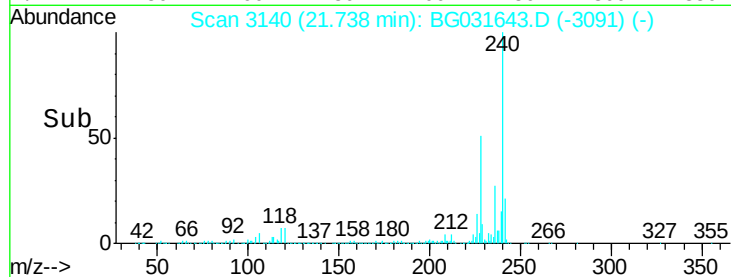
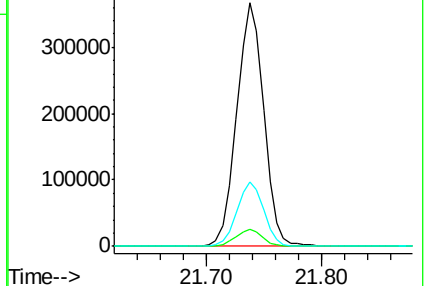
236 26.6 20.9 31.3



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: 5.794 ng

RT: 19.72 min Scan# 2796

Delta R.T. 0.02 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

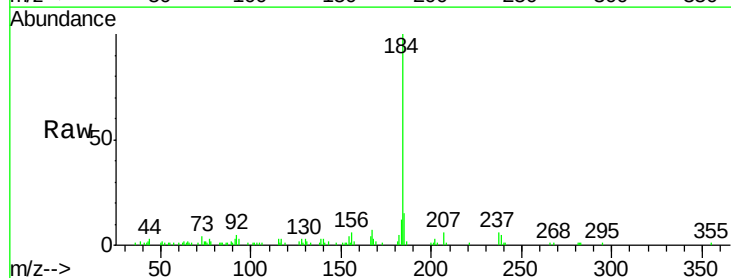
Tgt Ion:184 Resp: 80150

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

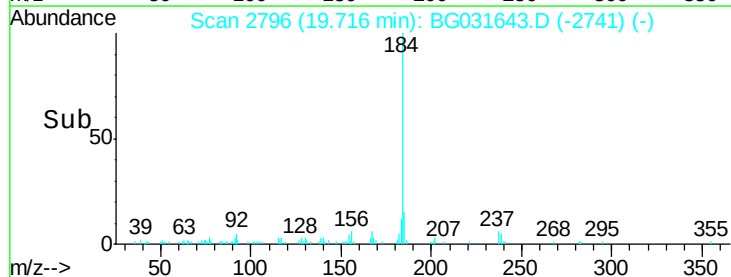
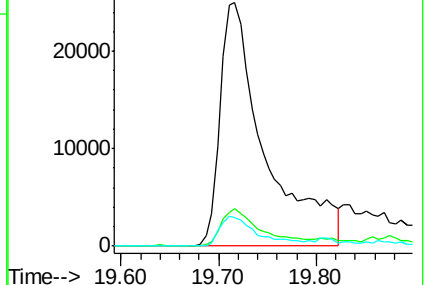
183 11.9 10.6 16.0

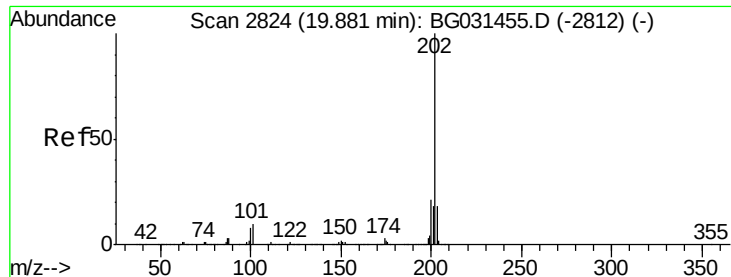


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.489 ng

RT: 19.88 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

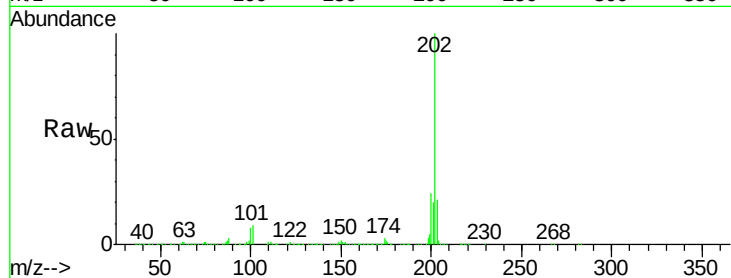
Tot Ion:202 Resp: 1827833

Ion Ratio Lower Upper

202 100

200 23.6 16.9 25.3

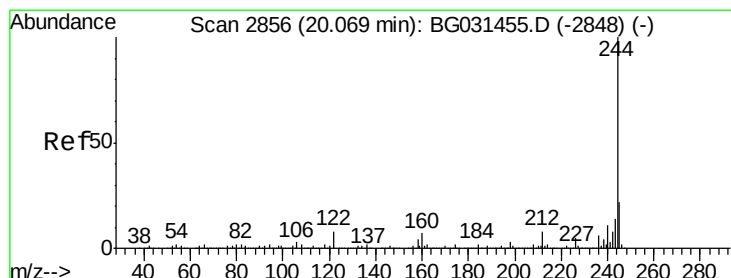
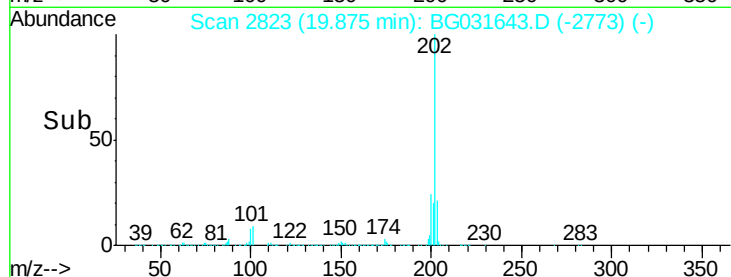
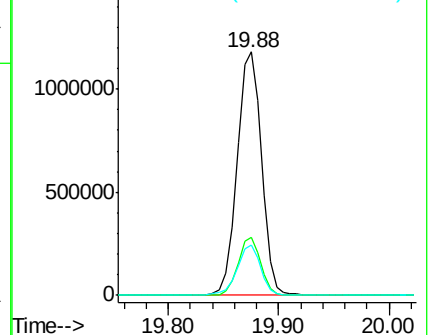
203 20.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.776 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

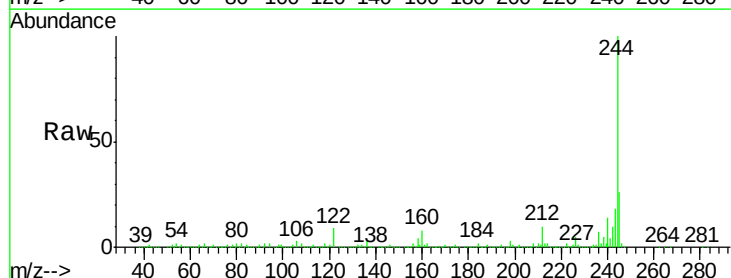
Tgt Ion:244 Resp: 2632886

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

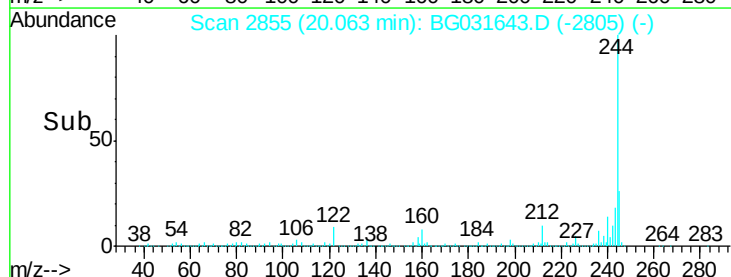
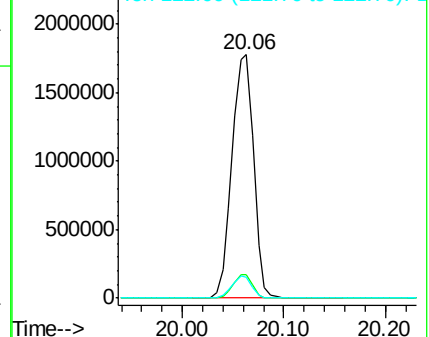
122 8.8 7.0 10.4

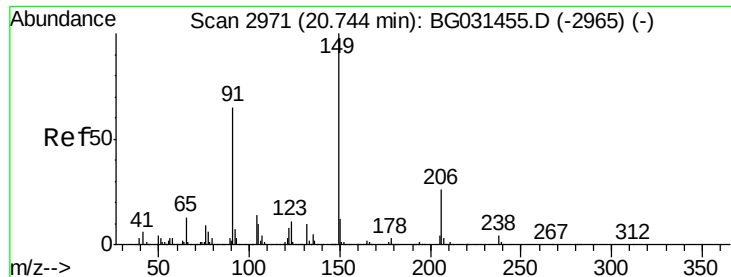


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

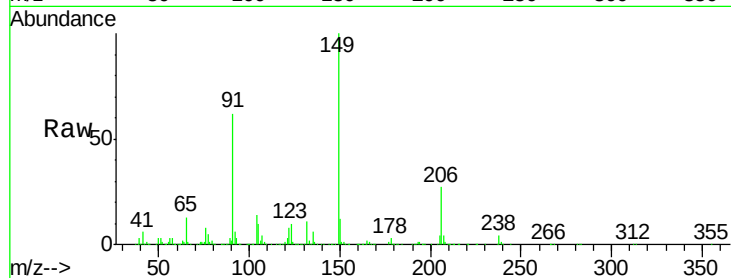




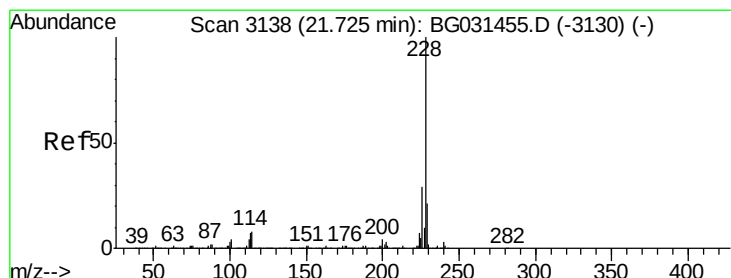
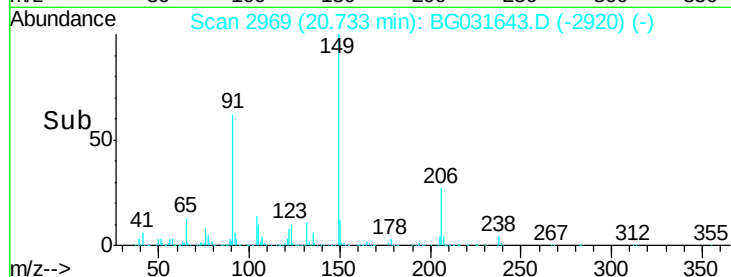
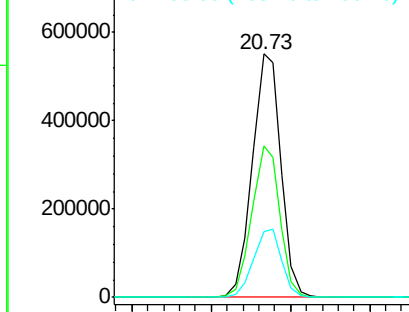
#79
Butylbenzylphthalate
Concen: 53.059 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 687490
Ion Ratio Lower Upper
149 100
91 62.1 62.2 93.2#
206 27.0 18.6 27.8

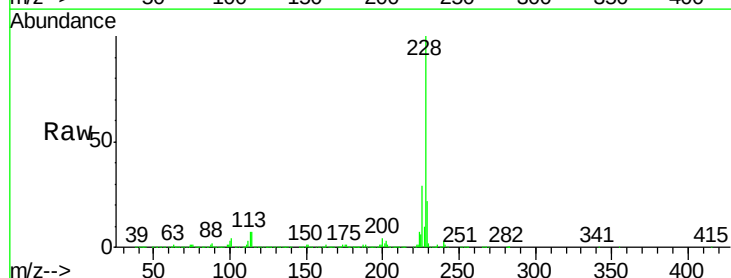


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

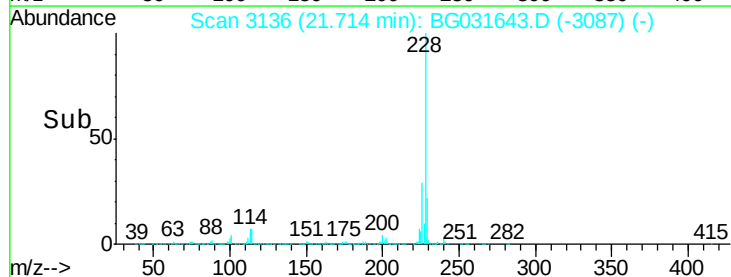
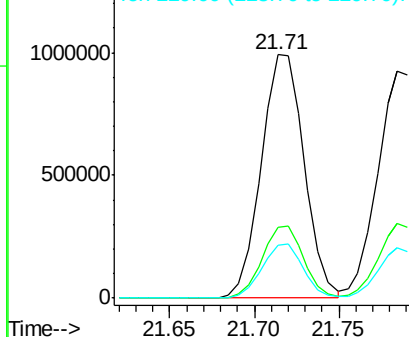


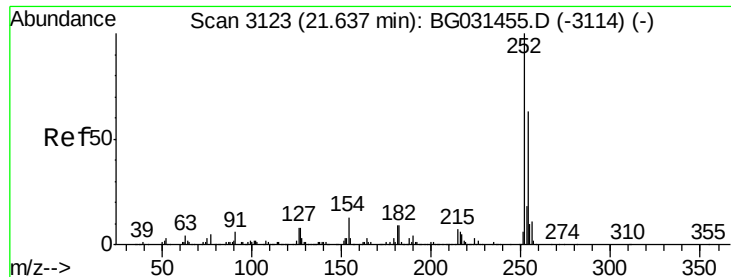
#80
Benzo(a)anthracene
Concen: 48.834 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion:228 Resp: 1752051
Ion Ratio Lower Upper
228 100
226 29.3 22.7 34.1
229 21.5 16.2 24.2



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





#81

3,3'-Dichlorobenzidine

Concen: 7.939 ng

RT: 21.63 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

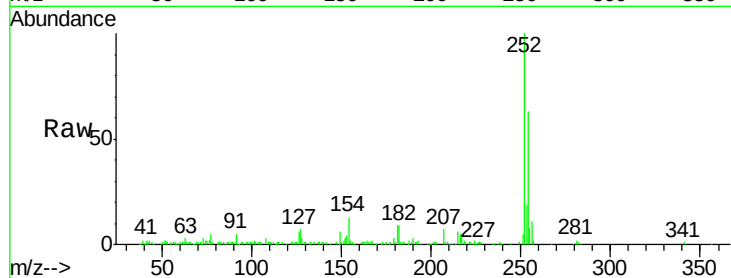
Tot Ion:252 Resp: 99138

Ion Ratio Lower Upper

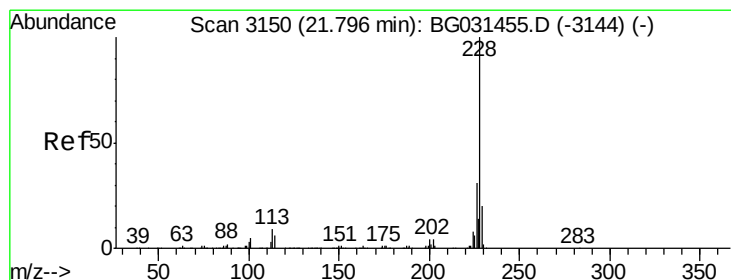
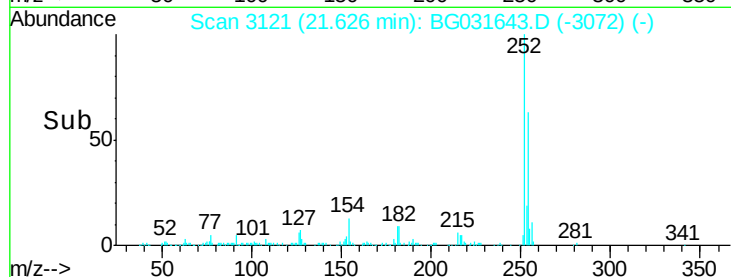
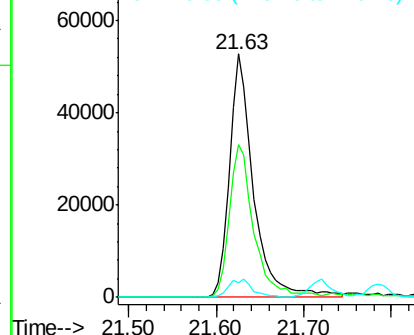
252 100

254 63.0 50.8 76.2

126 6.2 7.4 11.2#



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



#82

Chrysene

Concen: 48.666 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG031643.D

Acq: 18 Dec 2017 20:51

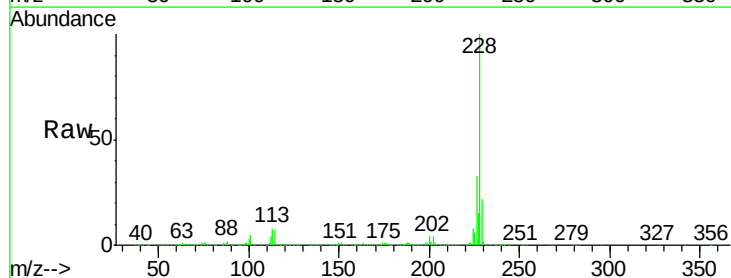
Tgt Ion:228 Resp: 1673841

Ion Ratio Lower Upper

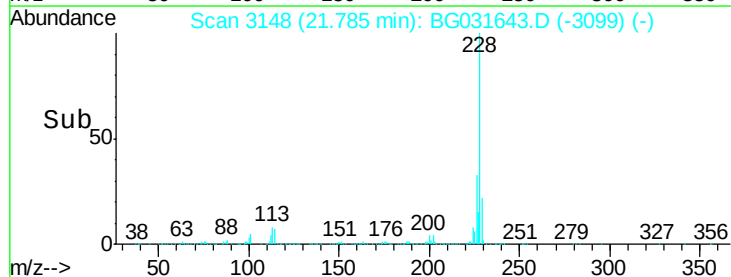
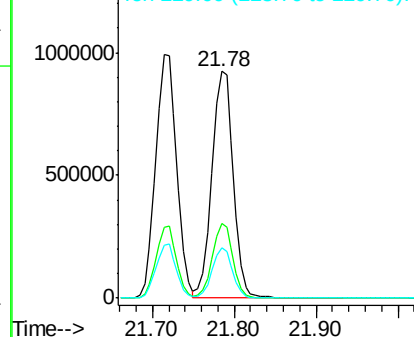
228 100

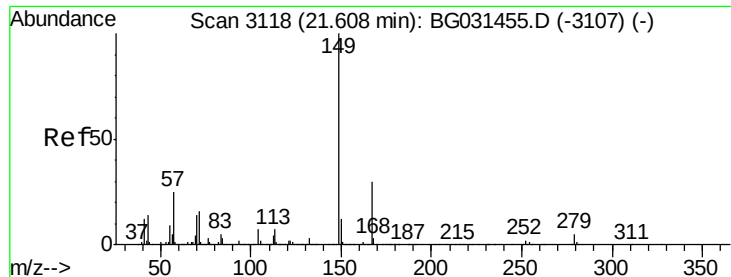
226 32.6 24.9 37.3

229 22.0 15.0 22.4



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

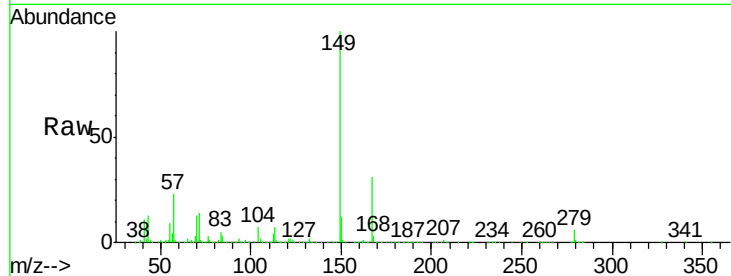




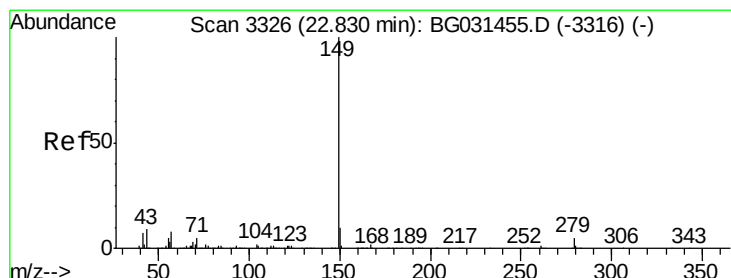
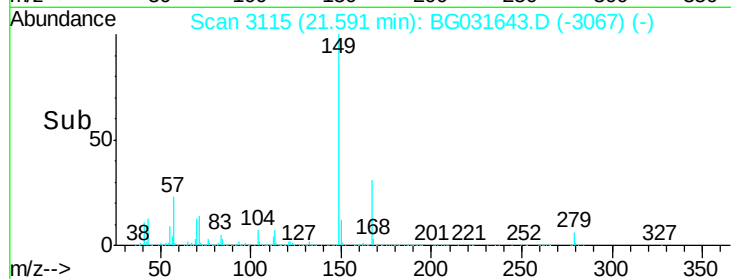
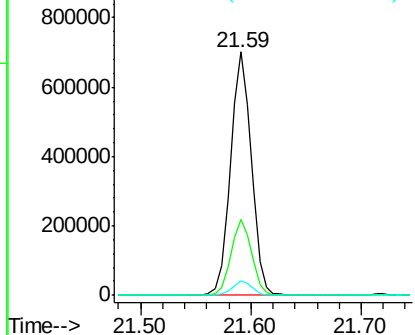
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.813 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 928578
 Ion Ratio Lower Upper
 149 100
 167 31.0 24.3 36.5
 279 5.7 4.0 6.0

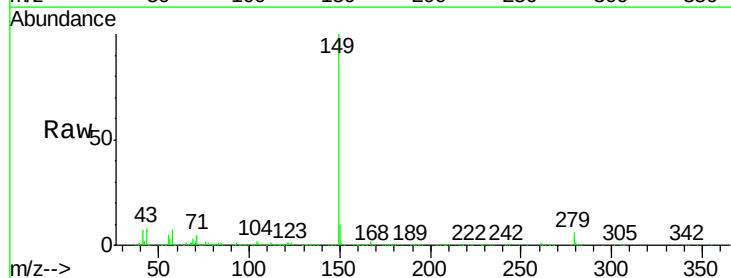


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

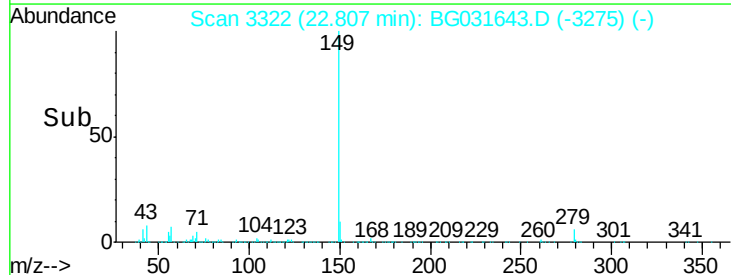
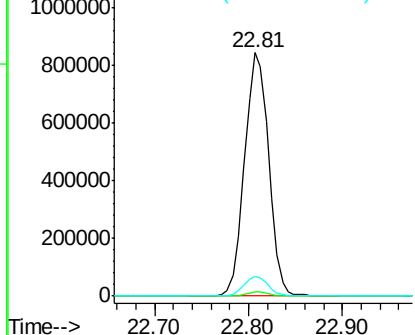


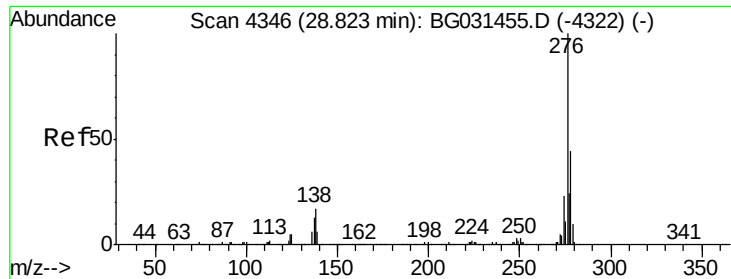
#84
 Di-n-octyl phthalate
 Concen: 48.502 ng
 RT: 22.81 min Scan# 3322
 Delta R.T. -0.02 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

Tgt Ion:149 Resp: 1491399
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 8.0 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG



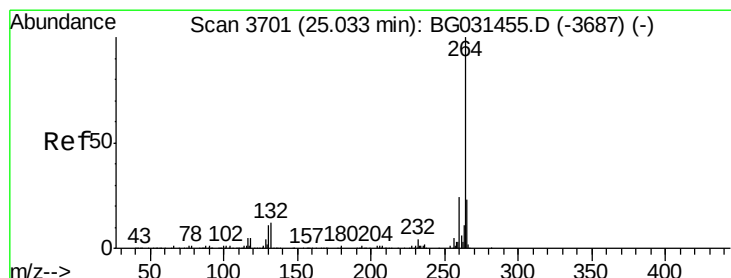
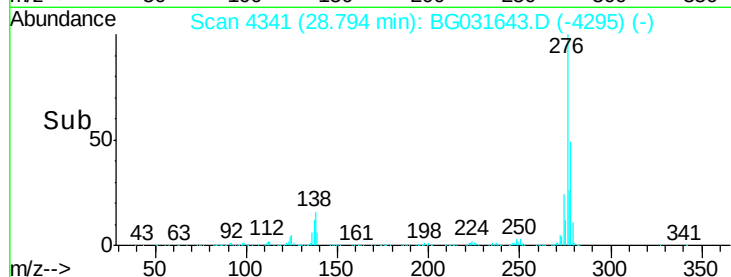
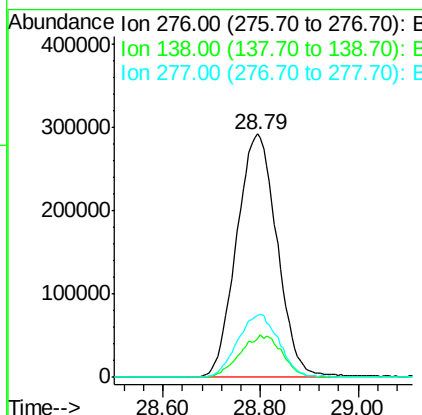
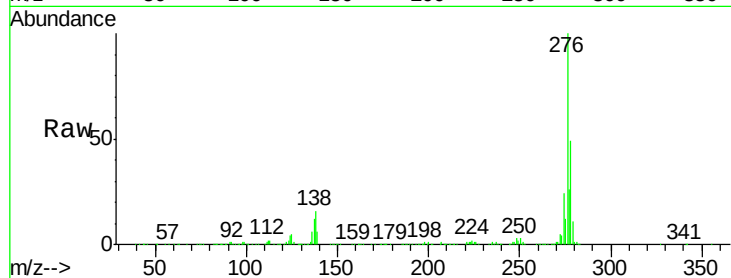


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.771 ng
 RT: 28.79 min Scan# 4341
 Delta R.T. -0.03 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1682438

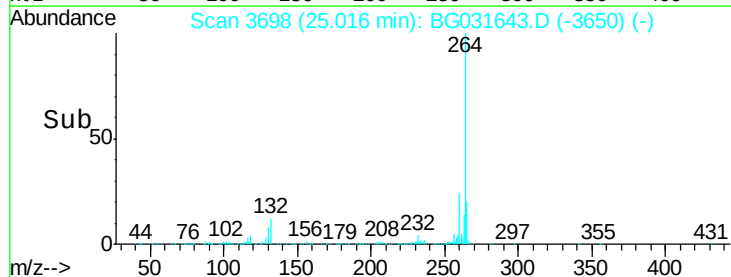
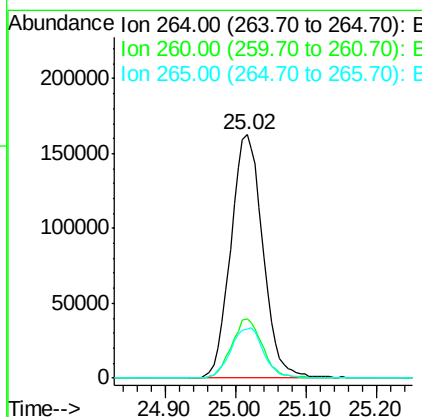
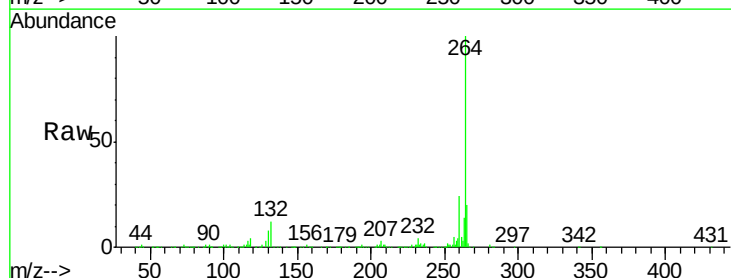
Ion	Ratio	Lower	Upper
276	100		
138	17.9	16.0	24.0
277	26.2	20.0	30.0

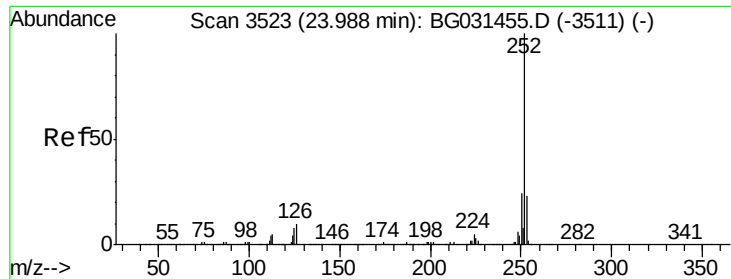


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3698
 Delta R.T. -0.02 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

Tgt Ion:264 Resp: 513614

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	20.2	17.7	26.5

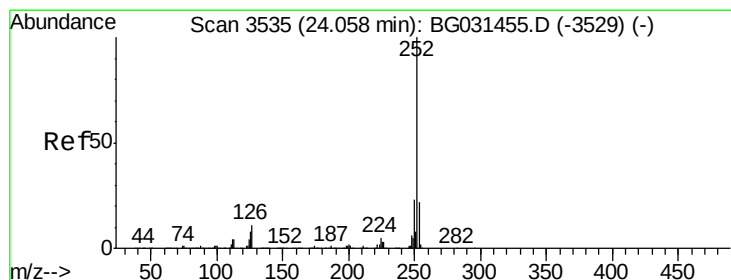
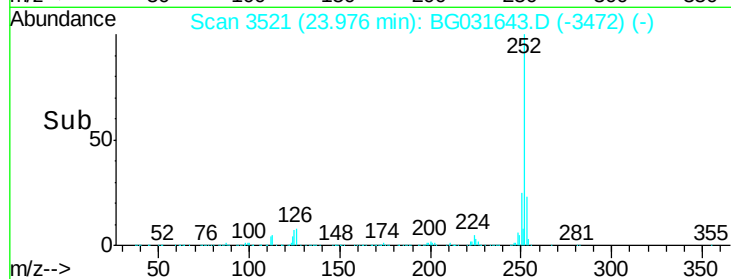
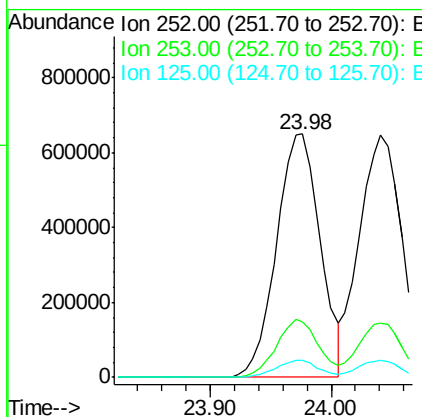
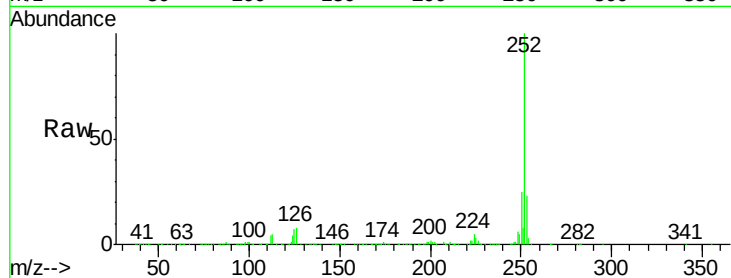




#87
Benzo(b)fluoranthene
Concen: 53.045 ng
RT: 23.98 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

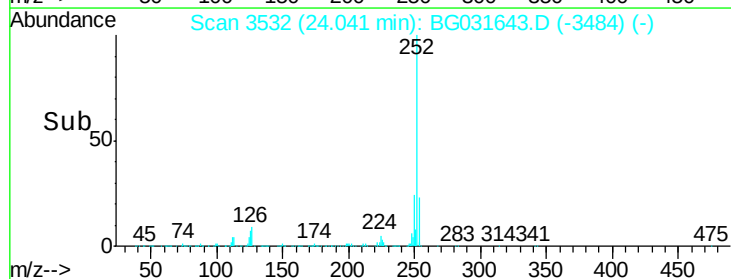
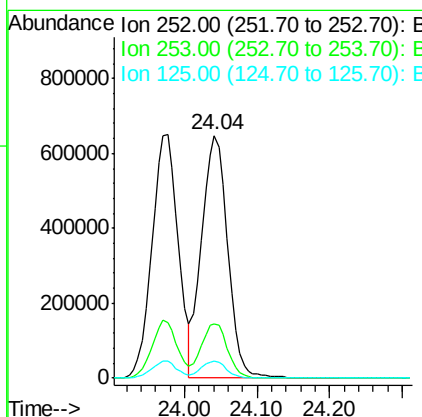
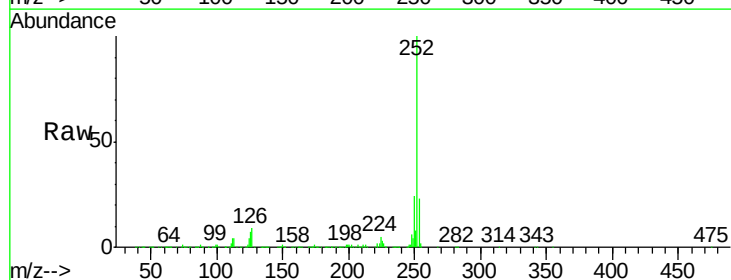
Instrument :
BNA_G
ClientSampleId :

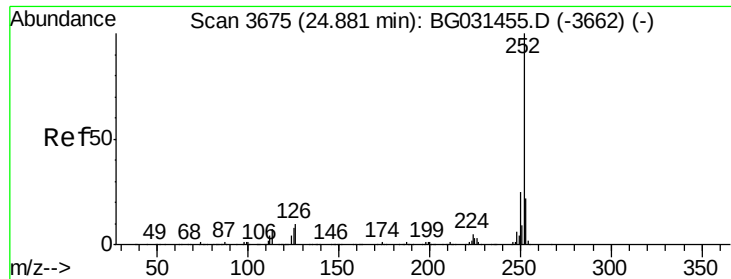
Tot Ion:252 Resp: 1628833
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 6.8 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 51.425 ng
RT: 24.04 min Scan# 3532
Delta R.T. -0.02 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion:252 Resp: 1611462
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 6.9 6.6 9.8

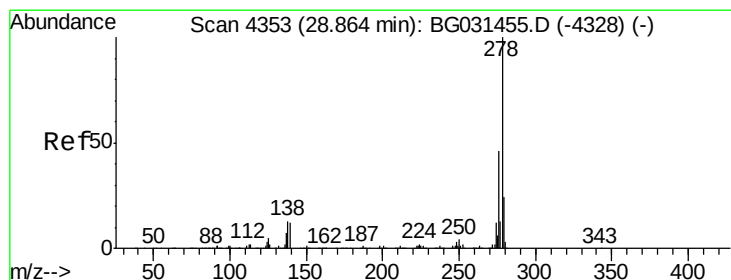
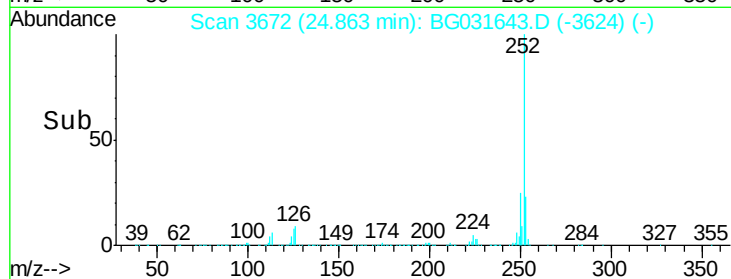
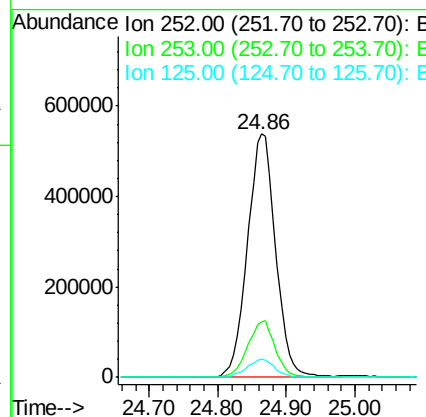
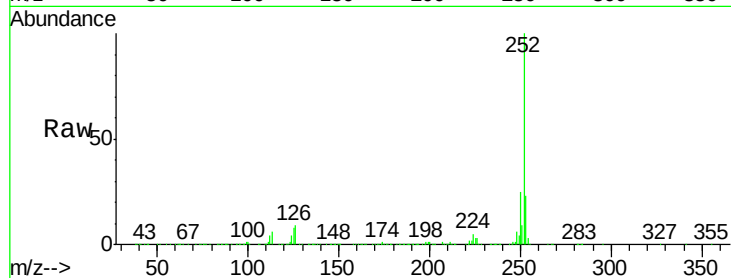




#89
Benzo(a)pyrene
Concen: 52.664 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.02 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

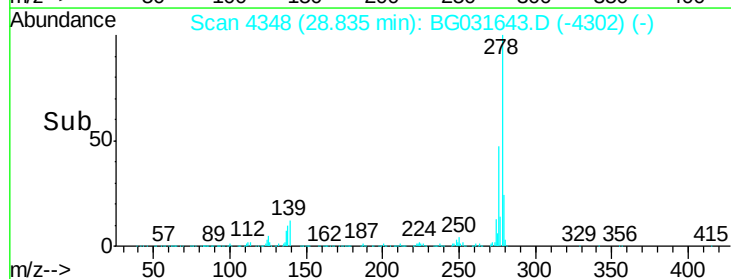
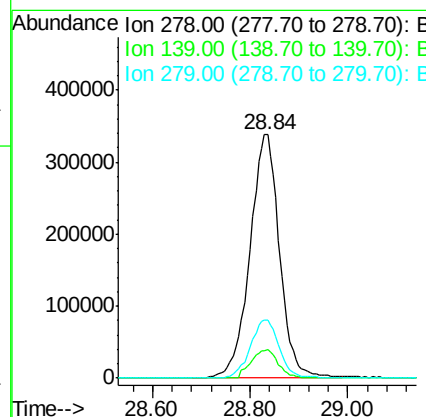
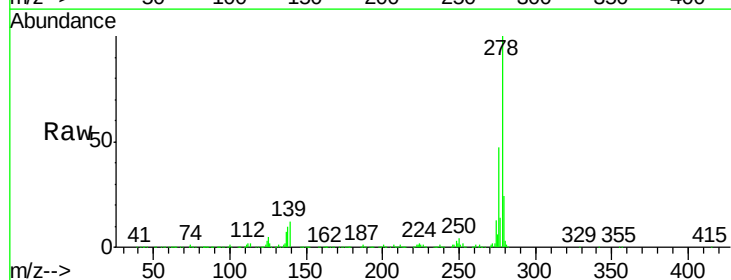
Instrument :
BNA_G
ClientSampleId :

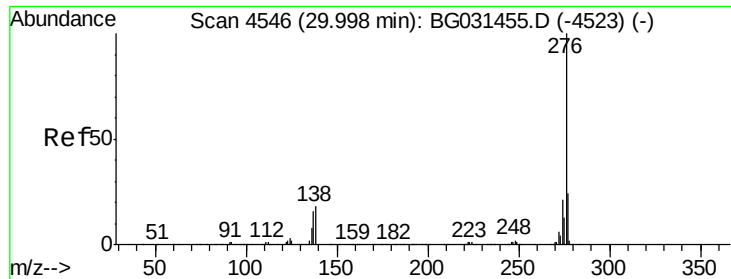
Tot Ion:252 Resp: 1534038
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 7.6 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 51.354 ng
RT: 28.84 min Scan# 4348
Delta R.T. -0.03 min
Lab File: BG031643.D
Acq: 18 Dec 2017 20:51

Tgt Ion:278 Resp: 1430485
Ion Ratio Lower Upper
278 100
139 11.8 9.8 14.6
279 23.8 18.4 27.6



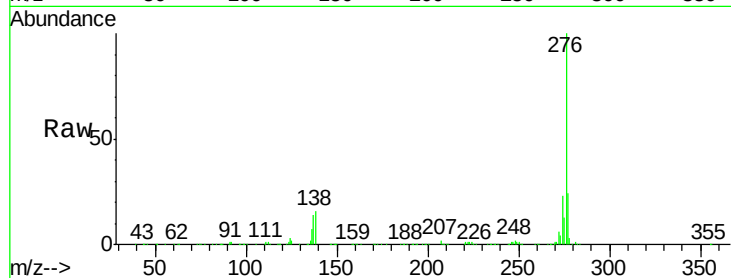


#91
 Benzo(a,h,i)perylene
 Concen: 50.056 ng
 RT: 29.97 min Scan# 4541
 Delta R.T. -0.03 min
 Lab File: BG031643.D
 Acq: 18 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1370807

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.3	27.5
138	16.1	13.9	20.9



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

