

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
 Data File : BG033339.D
 Acq On : 26 Mar 2018 21:10
 Operator : SJ/JU
 Sample : J1867-13MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 27 07:48:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	43111	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	183757	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	141496	20.00	ng	-0.03
63) Phenanthrene-d10	18.22	188	348901	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	366128	20.00	ng	-0.04
86) Perylene-d12	26.32	264	393520	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.28	112	189012	82.21	ng	-0.03
7) Phenol-d6	7.97	99	189307	47.92	ng	-0.03
23) Nitrobenzene-d5	10.07	82	408248	102.07	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	332957	157.33	ng	-0.03
44) 2-Fluorobiphenyl	14.12	172	1010356	103.08	ng	-0.02
78) Terphenyl-d14	20.73	244	1689344	98.68	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.93	88	21980	18.825	ng	83
3) Pyridine	4.39	79	41206	12.767	ng	93
4) n-Nitrosodimethylamine	4.30	42	28249	21.327	ng	# 92
6) Aniline	8.16	93	62304	13.412	ng	# 93
8) 2-Chlorophenol	8.41	128	118751	45.180	ng	97
9) Benzaldehyde	7.97	77	49664	19.783	ng	99
10) Phenol	8.01	94	70726	18.134	ng	85
11) bis(2-Chloroethyl)ether	8.25	93	142029	44.614	ng	96
12) 1,3-Dichlorobenzene	8.75	146	133423	38.827	ng	97
13) 1,4-Dichlorobenzene	8.90	146	136491	39.661	ng	95
14) 1,2-Dichlorobenzene	9.23	146	135920	40.467	ng	96
15) Benzyl Alcohol	9.10	79	102460	32.943	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.39	45	225554	43.462	ng	89
17) 2-Methylphenol	9.30	107	89226	33.582	ng	# 87
18) Hexachloroethane	9.99	117	52399	39.450	ng	91
19) n-Nitroso-di-n-propylamine	9.67	70	135988	46.979	ng	97
20) 3+4-Methylphenols	9.63	107	120815	31.937	ng	94
22) Acetophenone	9.71	105	237103	47.097	ng	# 94
24) Nitrobenzene	10.11	77	197999	46.251	ng	94
25) Isophorone	10.63	82	390723	50.334	ng	98
26) 2-Nitrophenol	10.84	139	82802	51.088	ng	96
27) 2,4-Dimethylphenol	10.87	122	123384	52.404	ng	88
28) bis(2-Chloroethoxy)methane	11.11	93	214063	55.269	ng	98
29) 2,4-Dichlorophenol	11.38	162	159225	54.989	ng	94
30) 1,2,4-Trichlorobenzene	11.60	180	166387	44.228	ng	94
31) Naphthalene	11.80	128	462407	48.560	ng	99
32) Benzoic acid	10.95	122	24621	11.249	ng	# 80
33) 4-Chloroaniline	11.89	127	71122	16.671	ng	91
34) Hexachlorobutadiene	12.06	225	120565	42.379	ng	98
35) Caprolactam	12.64	113	26998	23.800	ng	96
36) 4-Chloro-3-methylphenol	12.96	107	188111	49.810	ng	96
37) 2-Methylnaphthalene	13.35	142	357610	48.385	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	244047	47.616	ng	99
40) Hexachlorocyclopentadiene	13.67	237	258953	86.185	ng	89

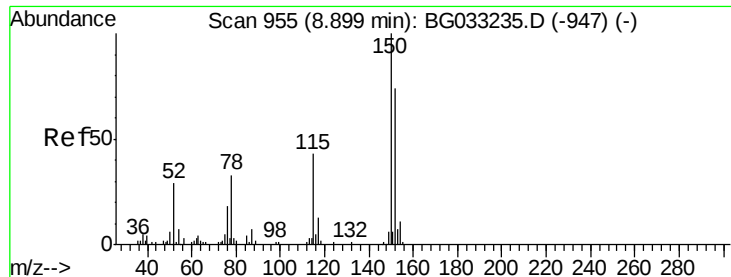
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	159370	53.518	nq	97
43) 2,4,5-Trichlorophenol	14.00	196	180533	51.291	nq	97
45) 1,1'-Biphenyl	14.33	154	503850	46.349	nq	95
46) 2-Chloronaphthalene	14.38	162	391568	46.716	nq	96
47) 2-Nitroaniline	14.57	65	151211	48.164	nq	96
48) Acenaphthylene	15.21	152	638177	45.613	nq	98
49) Dimethylphthalate	14.91	163	598497	48.603	nq	99
50) 2,6-Dinitrotoluene	15.04	165	125513	49.849	nq	98
51) Acenaphthene	15.55	154	486805	53.974	nq	95
52) 3-Nitroaniline	15.38	138	60547	22.937	nq	# 94
53) 2,4-Dinitrophenol	15.58	184	131597	98.927	nq	# 72
54) Dibenzofuran	15.88	168	667833	50.128	nq	93
55) 4-Nitrophenol	15.66	139	78125	42.089	nq	92
56) 2,4-Dinitrotoluene	15.82	165	185378	50.004	nq	94
57) Fluorene	16.52	166	566778	49.937	nq	100
58) 2,3,4,6-Tetrachlorophenol	16.09	232	183214	55.291	nq	93
59) Diethylphthalate	16.25	149	573321	47.948	nq	97
60) 4-Chlorophenyl-phenylether	16.50	204	315482	48.354	nq	99
61) 4-Nitroaniline	16.54	138	112381	42.040	nq	# 84
62) Azobenzene	16.79	77	538872	46.523	nq	98
64) 4,6-Dinitro-2-methylphenol	16.58	198	102928	49.313	nq	92
65) n-Nitrosodiphenylamine	16.71	169	488633	49.056	nq	95
66) 4-Bromophenyl-phenylether	17.39	248	211562	51.632	nq	95
67) Hexachlorobenzene	17.52	284	218758	50.587	nq	94
68) Atrazine	17.63	200	210925	52.258	nq	96
69) Pentachlorophenol	17.85	266	285273	96.115	nq	99
70) Phenanthrene	18.26	178	908491	49.997	nq	98
71) Anthracene	18.35	178	918706	49.934	nq	99
72) Carbazole	18.60	167	785070	48.153	nq	97
73) Di-n-butylphthalate	19.10	149	933737	49.205	nq	# 98
74) Fluoranthene	20.21	202	1104657	49.126	nq	96
76) Benzidine	20.37	184	111774	11.257	nq	100
77) Pyrene	20.57	202	1116800	45.736	nq	98
79) Butylbenzylphthalate	21.42	149	445283	49.415	nq	93
80) Benzo(a)anthracene	22.54	228	1148561	49.266	nq	98
81) 3,3'-Dichlorobenzidine	22.42	252	264936	31.935	nq	# 96
82) Chrysene	22.61	228	1085006	48.078	nq	98
83) Bis(2-ethylhexyl)phthalate	22.36	149	617470	49.709	nq	99
84) Di-n-octyl phthalate	23.75	149	1070880	56.305	nq	96
85) Indeno(1,2,3-cd)pyrene	30.70	276	1351505	55.390	nq	# 89
87) Benzo(b)fluoranthene	25.11	252	1140723	50.174	nq	# 96
88) Benzo(k)fluoranthene	25.19	252	1152621	50.126	nq	# 97
89) Benzo(a)pyrene	26.14	252	1142311	52.319	nq	# 97
90) Dibenzo(a,h)anthracene	30.78	278	1131154	55.000	nq	# 96
91) Benzo(g,h,i)perylene	32.08	276	1106941	54.353	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.03 min

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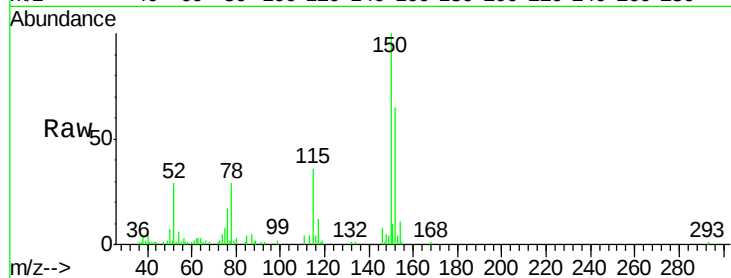
Tot Ion:152 Resp: 43111

Ion Ratio Lower Upper

152 100

150 153.2 126.6 189.8

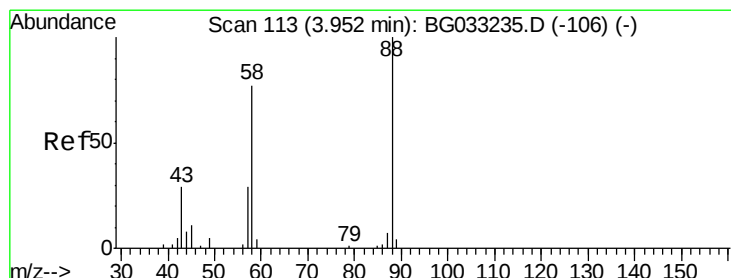
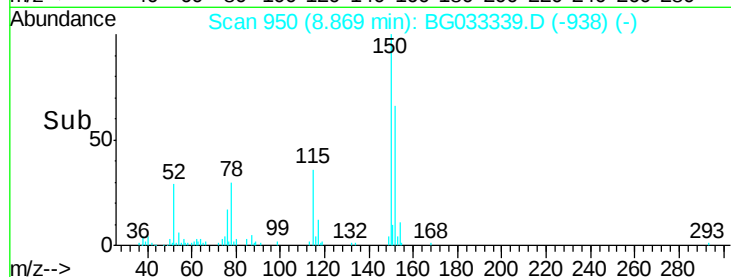
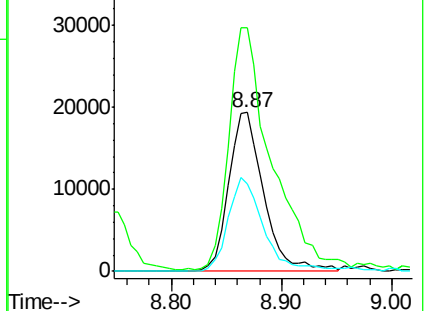
115 55.1 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 18.825 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.02 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

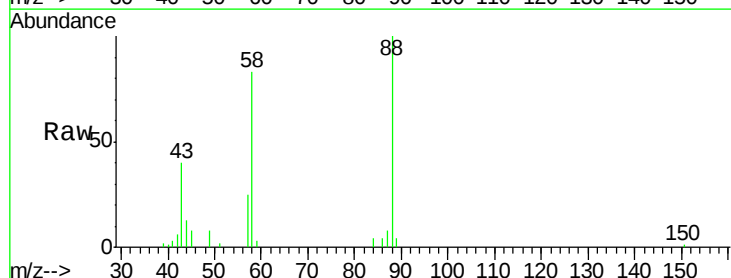
Tgt Ion: 88 Resp: 21980

Ion Ratio Lower Upper

88 100

58 79.9 79.6 119.4

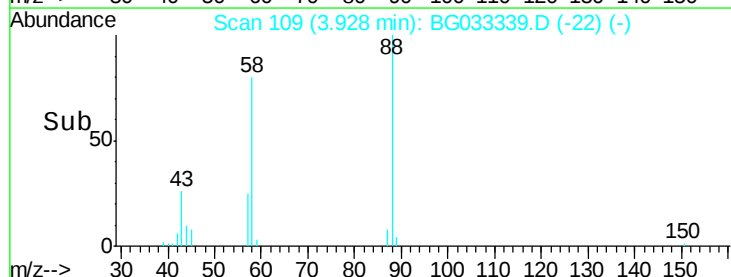
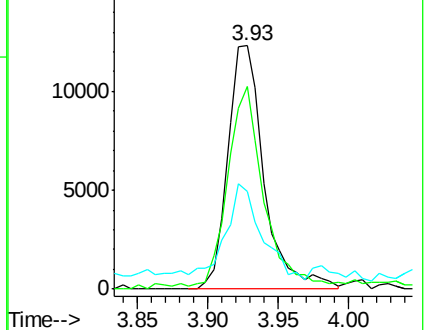
43 39.1 27.4 41.0



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: 12.767 ng

RT: 4.39 min Scan# 188

Delta R.T. -0.02 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampleId :

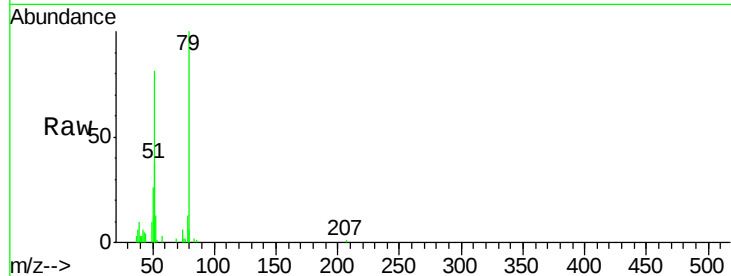
Tot Ion: 79 Resp: 41206

Ion Ratio Lower Upper

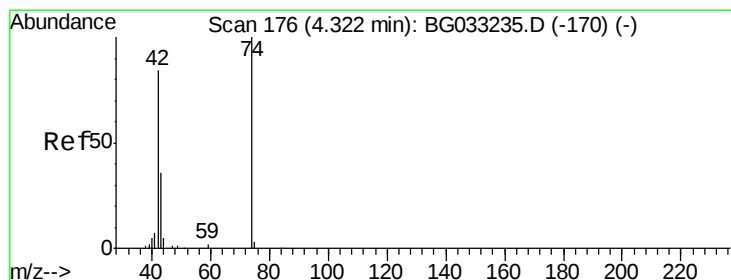
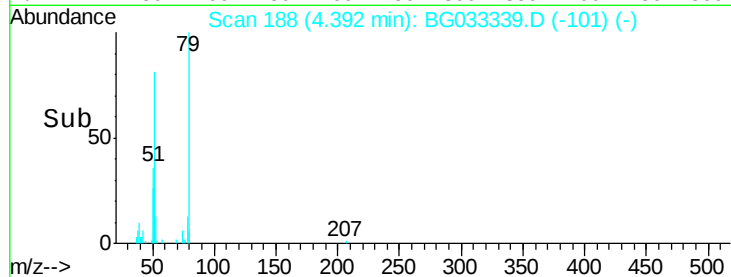
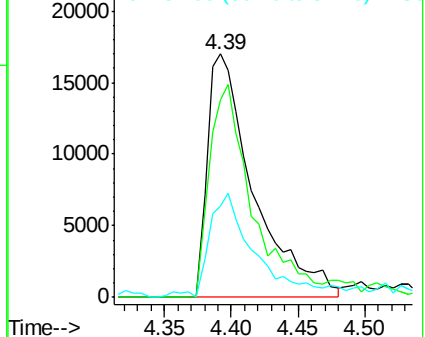
79 100

52 81.1 69.9 104.9

51 37.3 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 21.327 ng

RT: 4.30 min Scan# 173

Delta R.T. -0.02 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

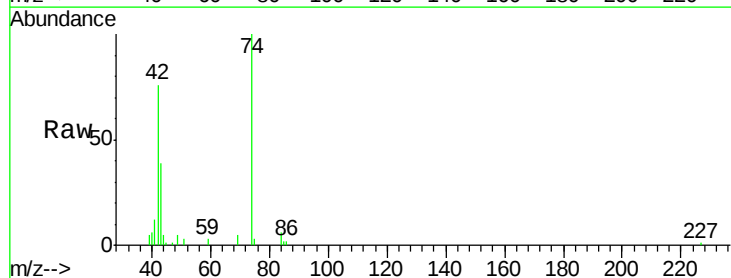
Tgt Ion: 42 Resp: 28249

Ion Ratio Lower Upper

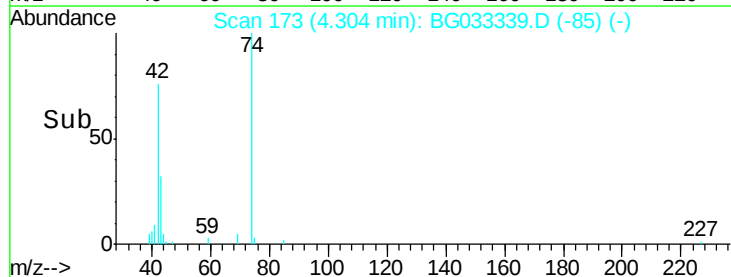
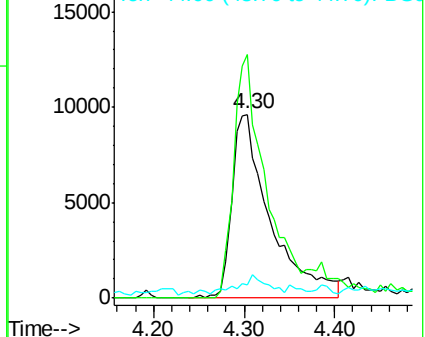
42 100

74 132.4 102.5 153.7

44 7.2 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 82.211 ng

RT: 6.28 min Scan# 510

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampleId :

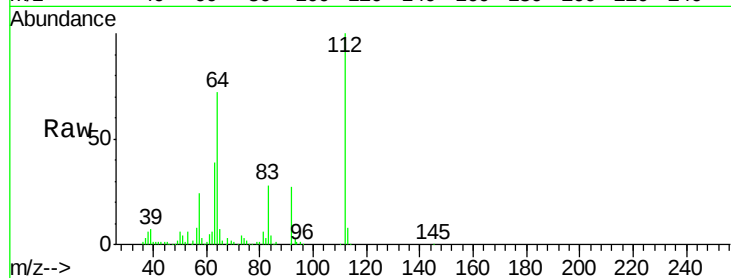
Tot Ion:112 Resp: 189012

Ion Ratio Lower Upper

112 100

64 71.6 56.3 84.5

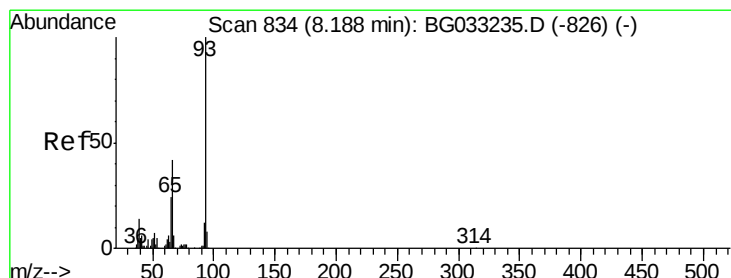
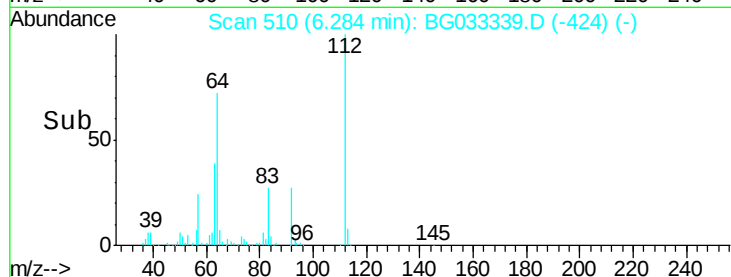
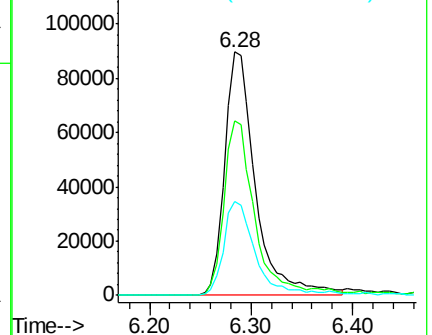
63 38.7 30.1 45.1



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: 13.412 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

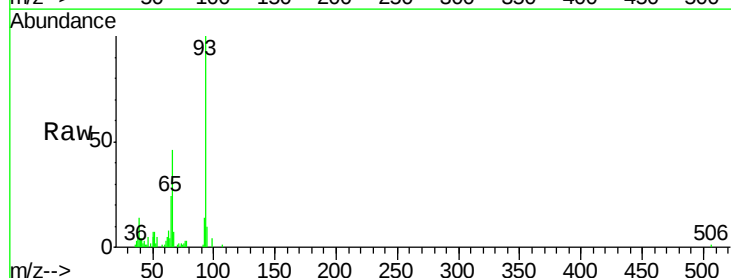
Tgt Ion: 93 Resp: 62304

Ion Ratio Lower Upper

93 100

66 46.2 33.7 50.5

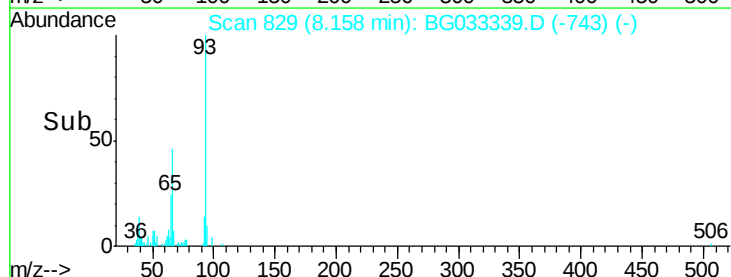
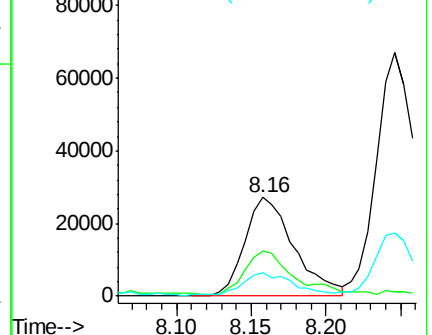
65 24.4 16.1 24.1#

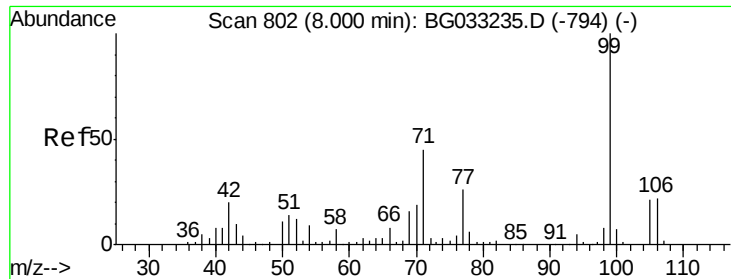


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 47.922 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampled :

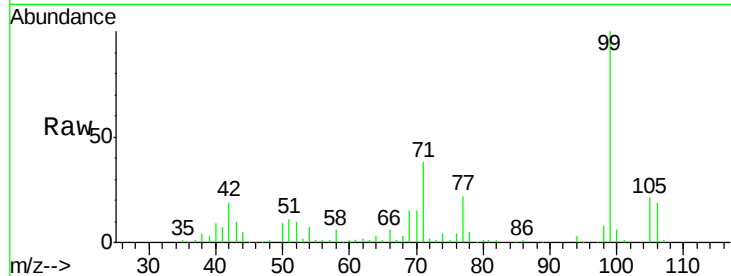
Tot Ion: 99 Resp: 189307

Ion Ratio Lower Upper

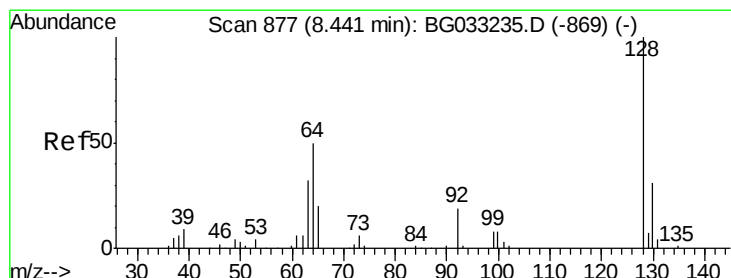
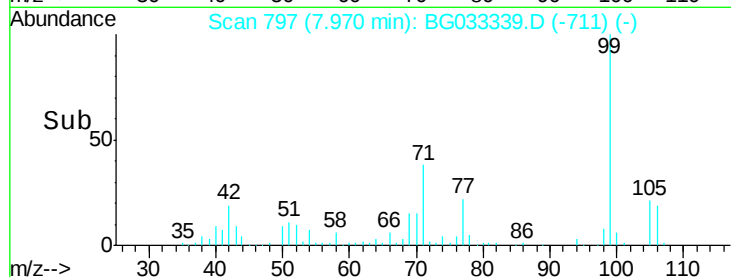
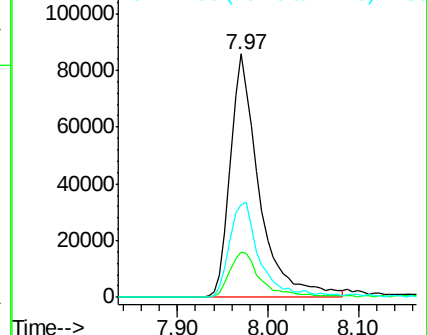
99 100

42 18.5 14.1 21.1

71 37.8 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: 45.180 ng

RT: 8.41 min Scan# 872

Delta R.T. -0.02 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

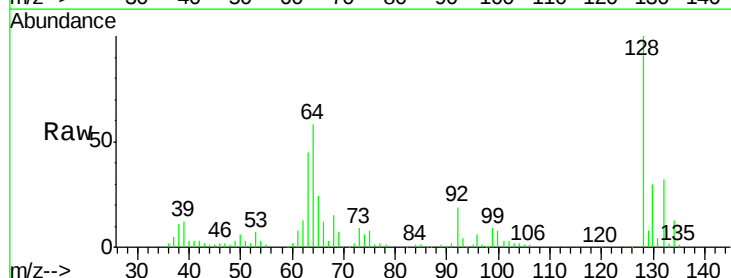
Tgt Ion:128 Resp: 118751

Ion Ratio Lower Upper

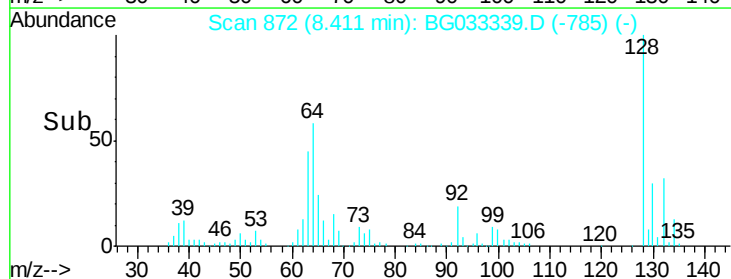
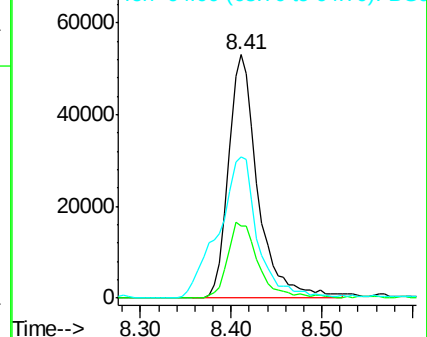
128 100

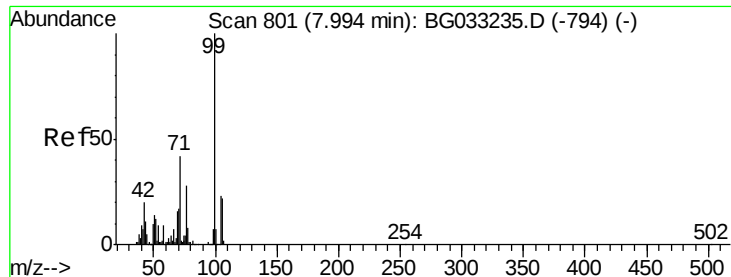
130 29.8 14.0 54.0

64 57.9 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: 19.783 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampled :

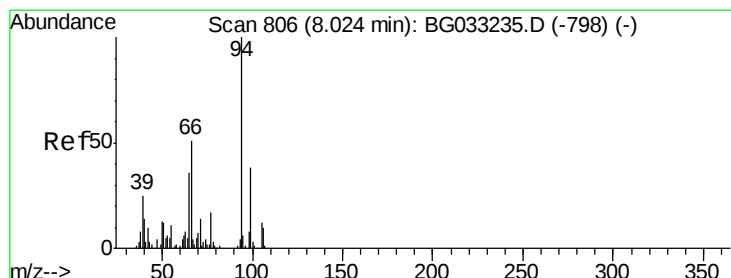
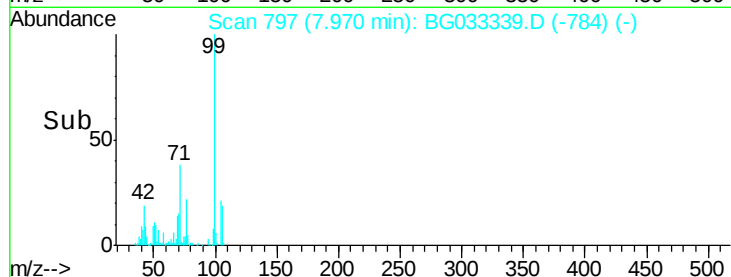
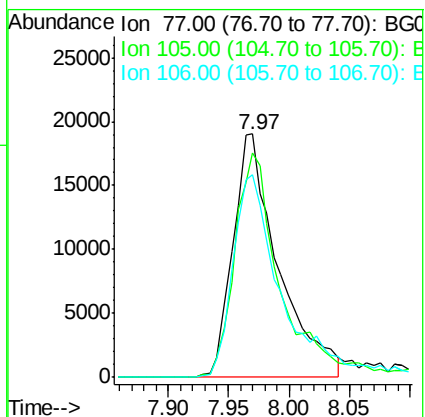
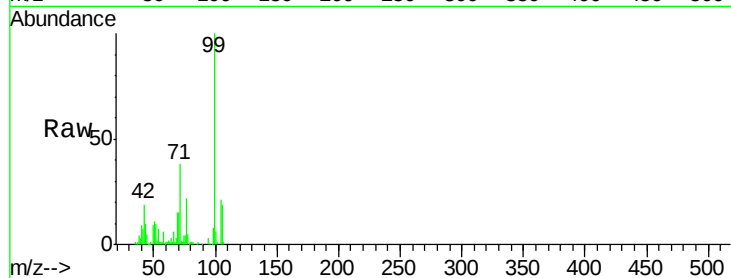
Tot Ion: 77 Resp: 49664

Ion Ratio Lower Upper

77 100

105 92.4 71.3 111.3

106 83.4 64.2 104.2



#10

Phenol

Concen: 18.134 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.02 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

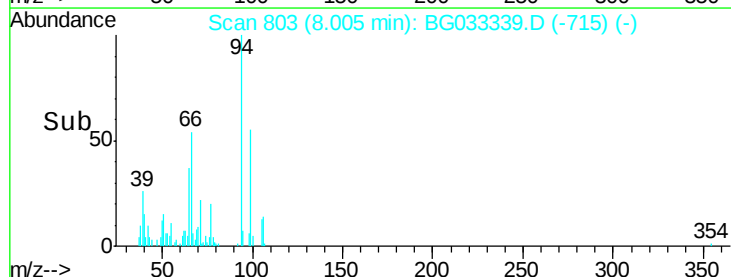
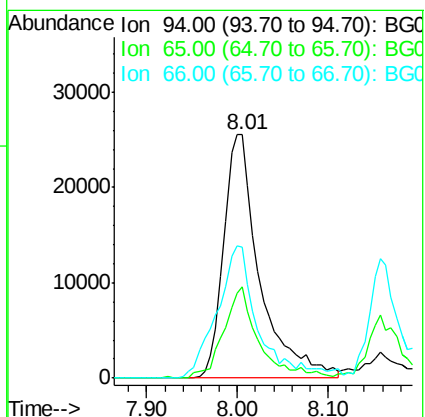
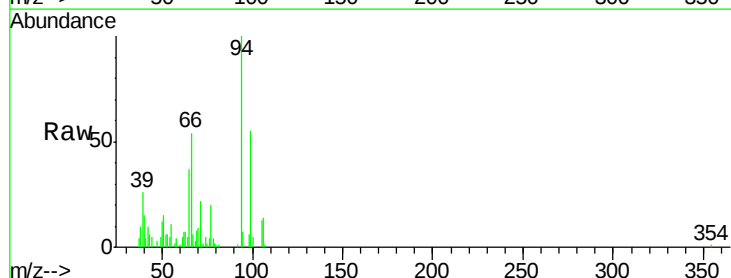
Tgt Ion: 94 Resp: 70726

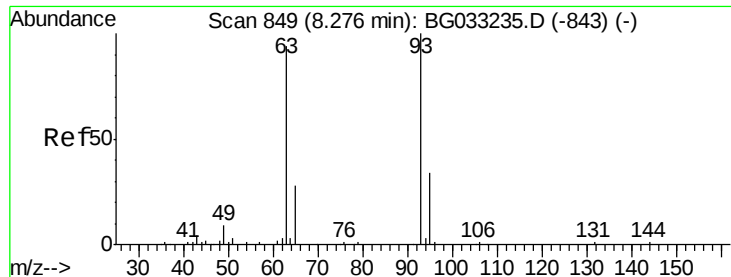
Ion Ratio Lower Upper

94 100

65 37.4 11.9 51.9

66 54.1 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 44.614 ng

RT: 8.25 min Scan# 844

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampleId :

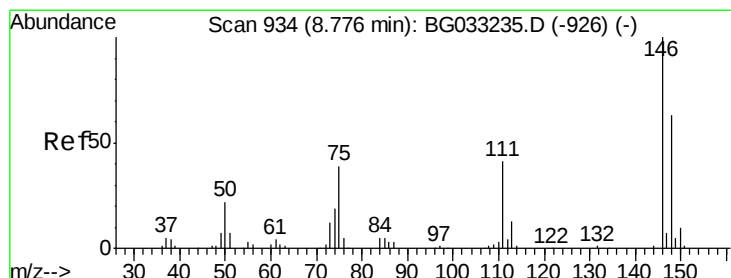
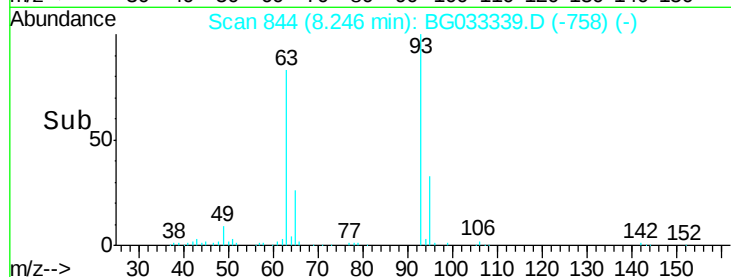
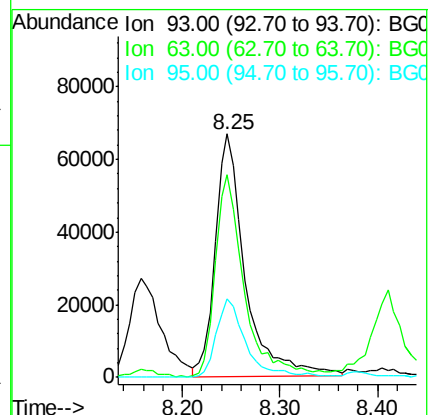
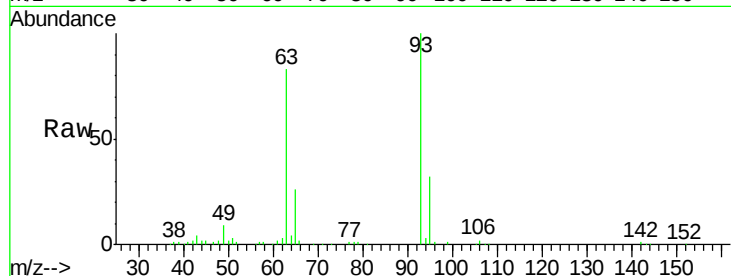
Tot Ion: 93 Resp: 142029

Ion Ratio Lower Upper

93 100

63 83.0 67.1 107.1

95 32.5 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 38.827 ng

RT: 8.75 min Scan# 930

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

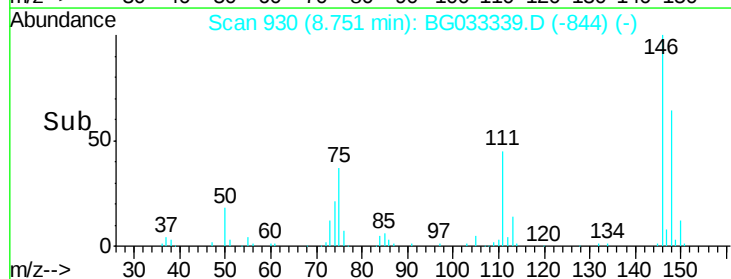
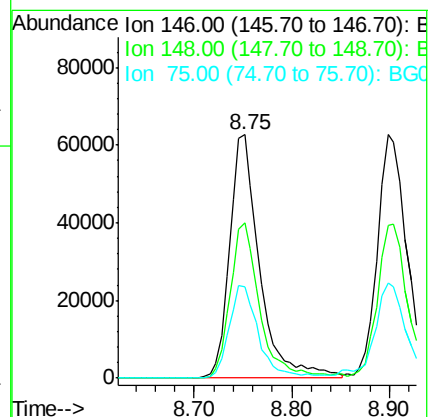
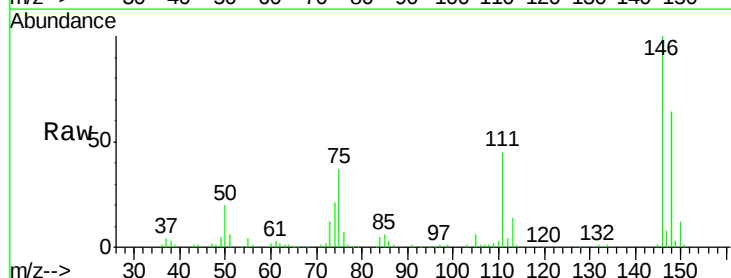
Tgt Ion: 146 Resp: 133423

Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.2

75 37.4 26.6 39.8

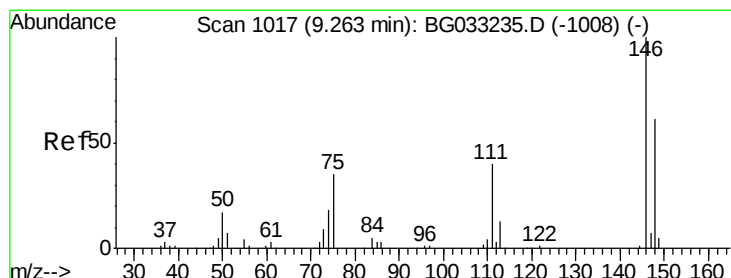
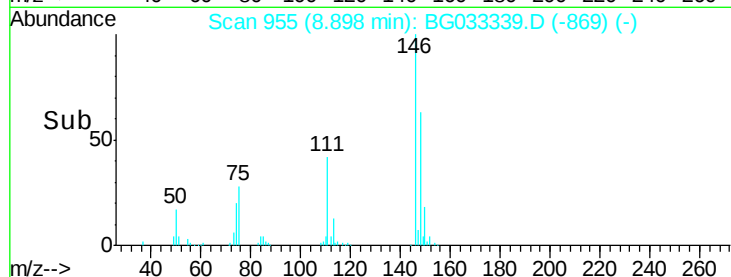
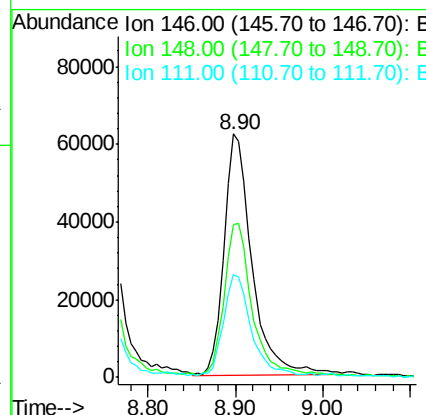
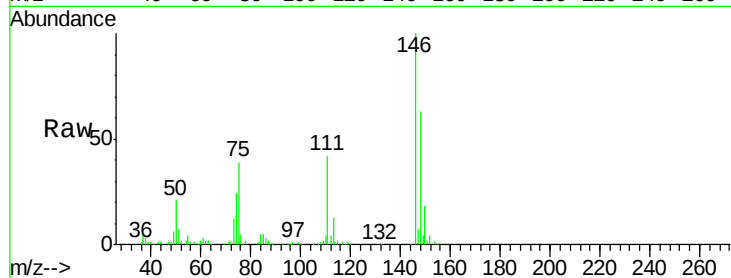




#13
 1,4-Dichlorobenzene
 Concen: 39.661 ng
 RT: 8.90 min Scan# 955
 Delta R.T. -0.03 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

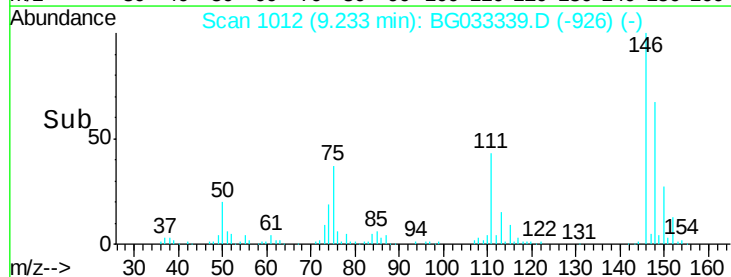
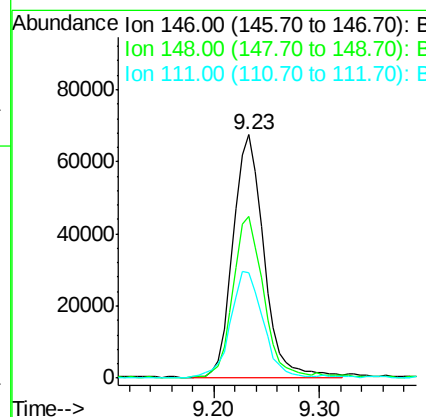
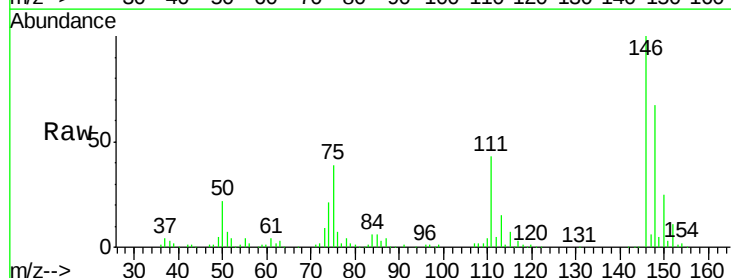
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 136491
 Ion Ratio Lower Upper
 146 100
 148 62.6 53.7 80.5
 111 42.0 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 40.467 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

Tgt Ion:146 Resp: 135920
 Ion Ratio Lower Upper
 146 100
 148 66.6 49.3 73.9
 111 43.4 34.3 51.5

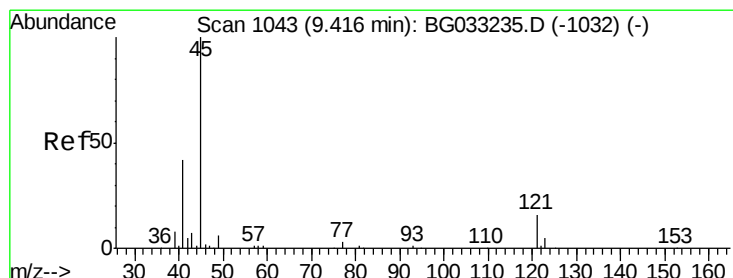
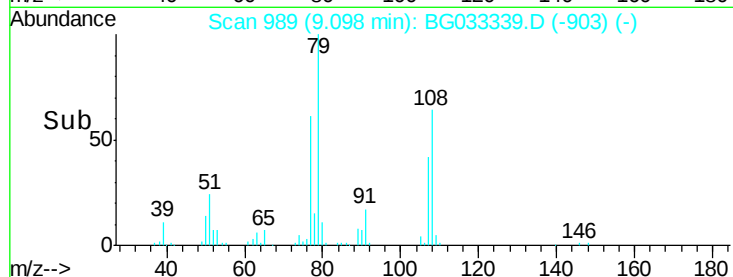
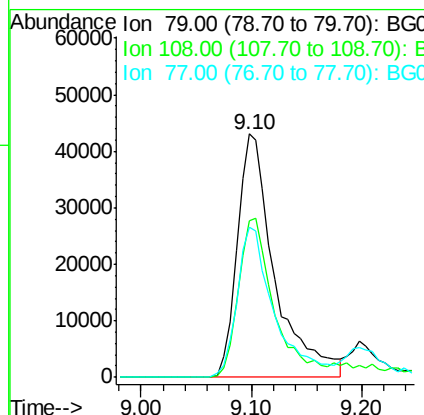
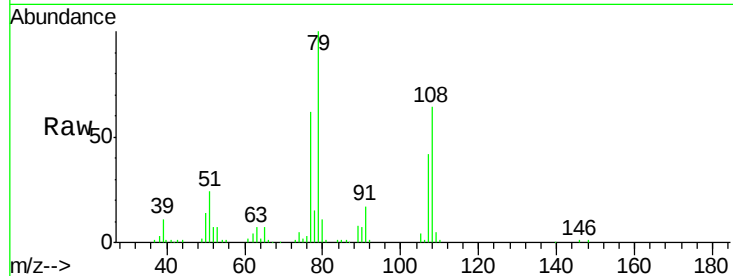




#15
Benzyl Alcohol
Concen: 32.943 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

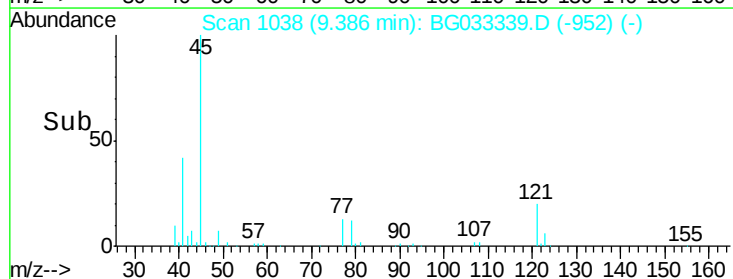
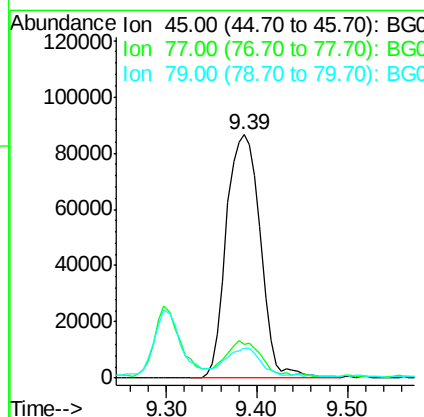
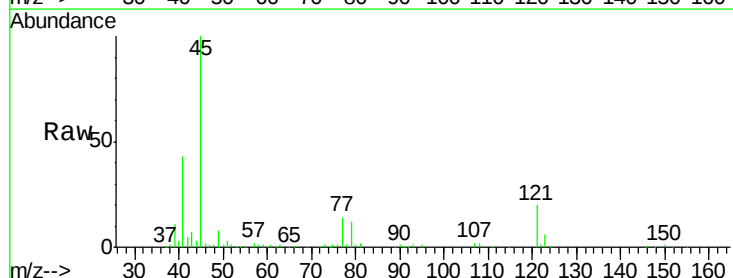
Instrument :
BNA_G
ClientSampled :

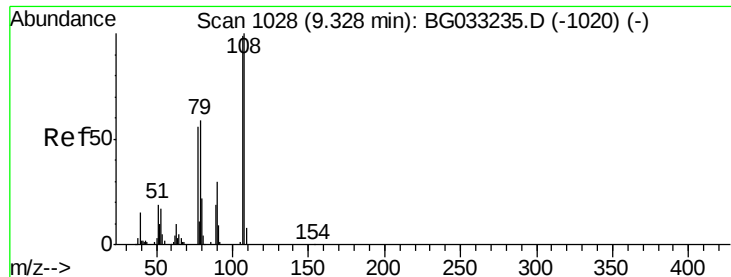
Tot Ion	Ratio	Lower	Upper
79	100		
108	64.1	57.2	85.8
77	61.5	46.1	69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.462 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	30.2
79	12.4	0.0	27.9





#17

2-Methylphenol

Concen: 33.582 ng

RT: 9.30 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 89226

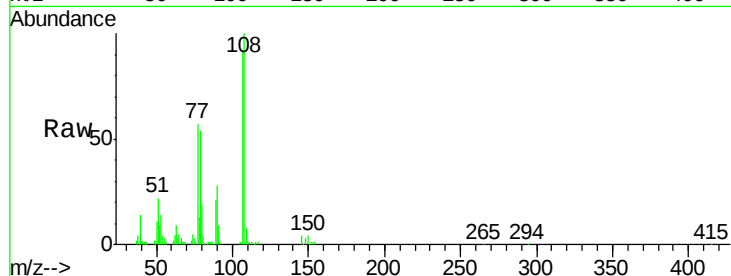
Ion Ratio Lower Upper

107 100

108 109.0 83.9 125.9

77 62.5 37.2 55.8#

79 59.1 36.2 54.2#

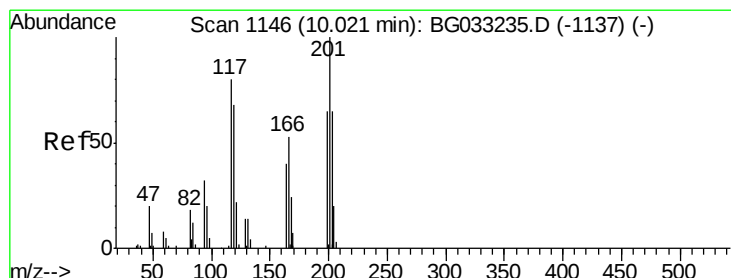
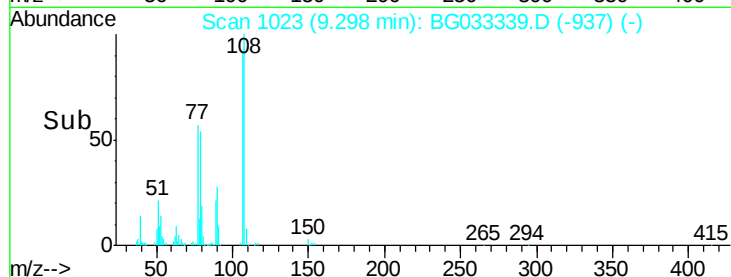
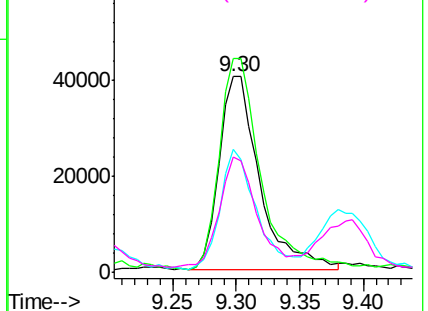


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.450 ng

RT: 9.99 min Scan# 1140

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

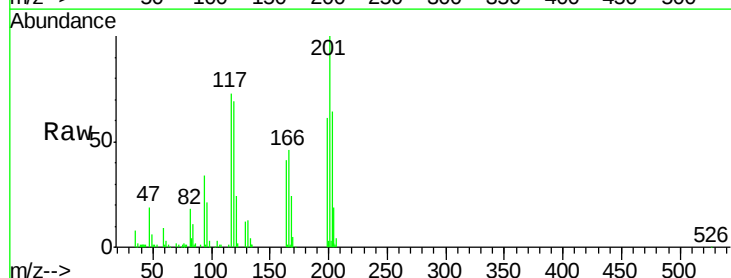
Tgt Ion:117 Resp: 52399

Ion Ratio Lower Upper

117 100

119 93.8 76.7 115.1

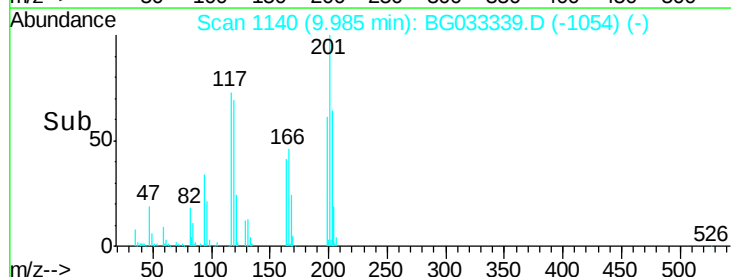
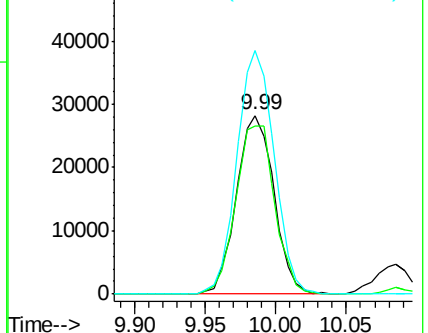
201 136.3 95.7 143.5

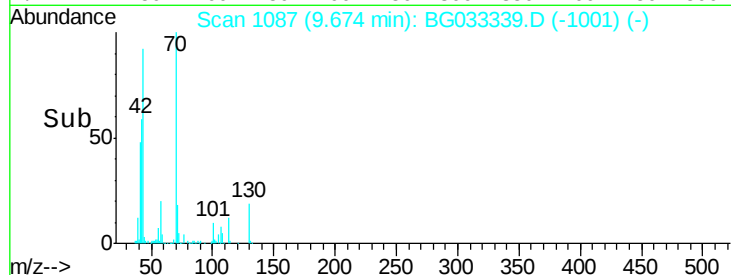
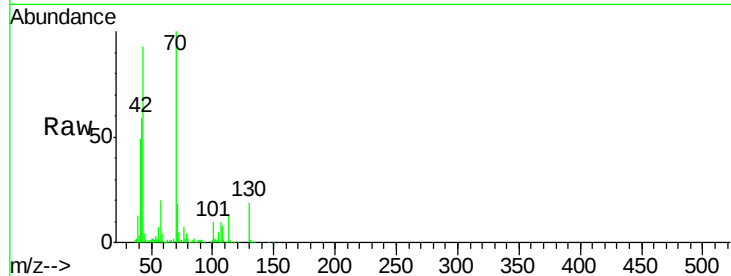
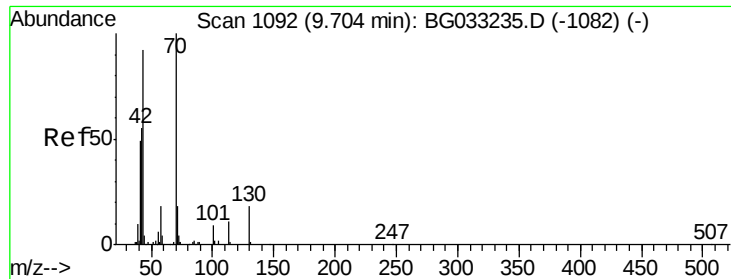


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

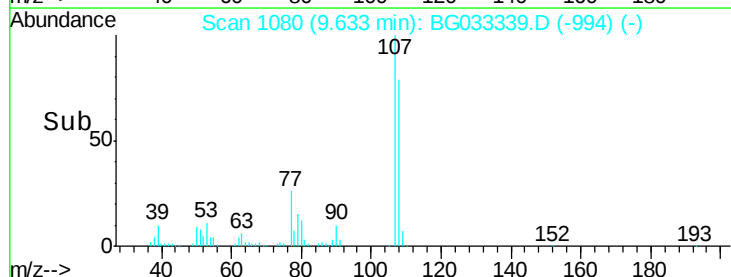
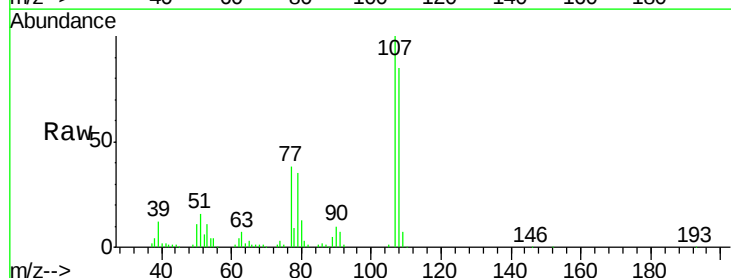
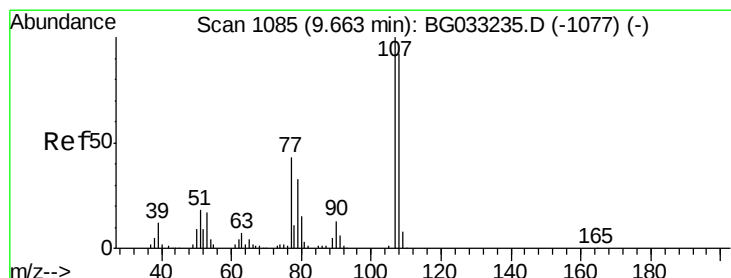
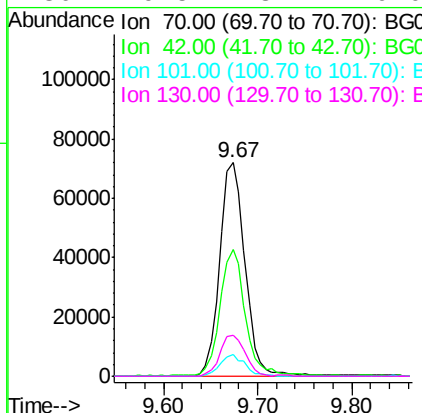




#19
n-Nitroso-di-n-propylamine
Concen: 46.979 ng
RT: 9.67 min Scan# 1087
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

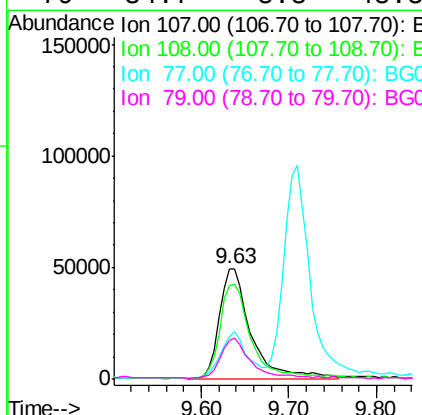
Instrument :
BNA_G
ClientSampleId :

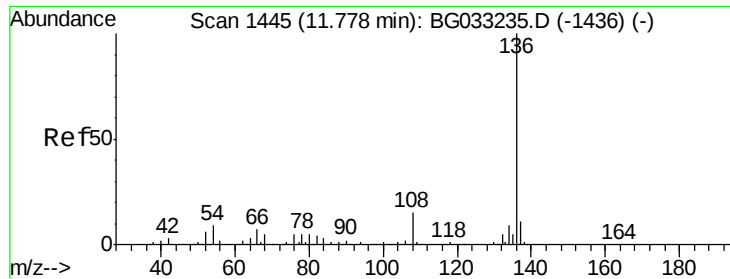
Tot Ion:	70	Resp:	135988
Ion	Ratio	Lower	Upper
70	100		
42	59.5	49.1	73.7
101	10.3	8.5	12.7
130	19.5	13.4	20.0



#20
3+4-Methylphenols
Concen: 31.937 ng
RT: 9.63 min Scan# 1080
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion:	107	Resp:	120815
Ion	Ratio	Lower	Upper
107	100		
108	85.0	61.6	101.6
77	38.4	13.9	53.9
79	34.7	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 183757

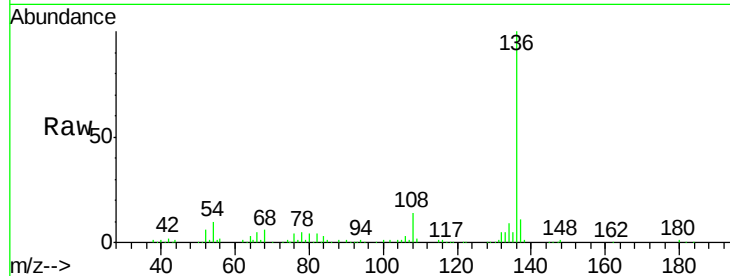
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 10.4 10.3 15.5

68 5.9 4.5 6.7

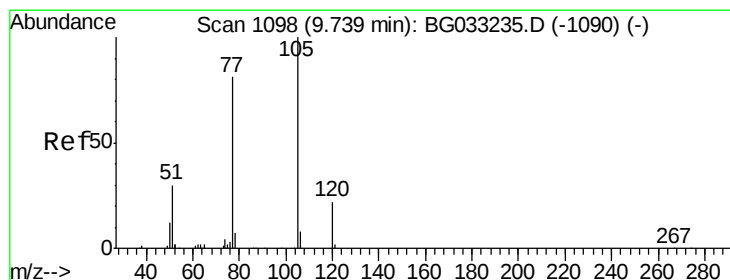
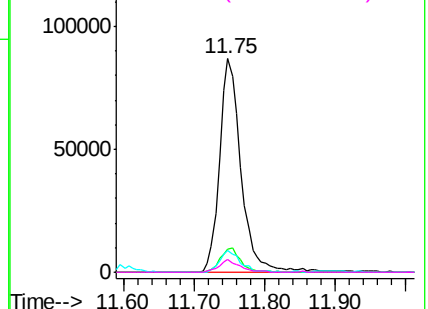
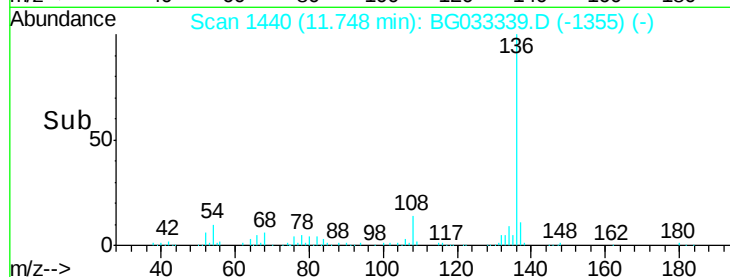


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.097 ng

RT: 9.71 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Tgt Ion:105 Resp: 237103

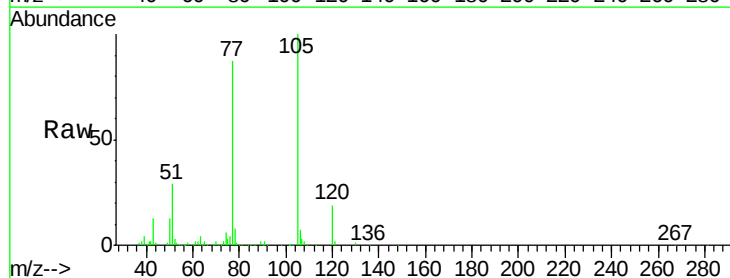
Ion Ratio Lower Upper

105 100

71 0.4 3.0 4.4#

51 29.1 26.1 39.1

120 19.1 17.4 26.2

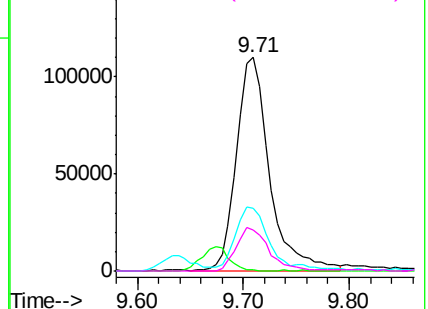
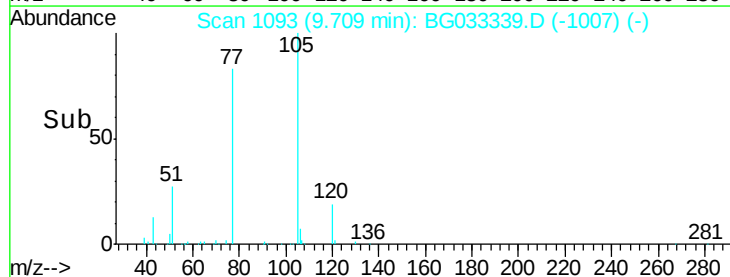


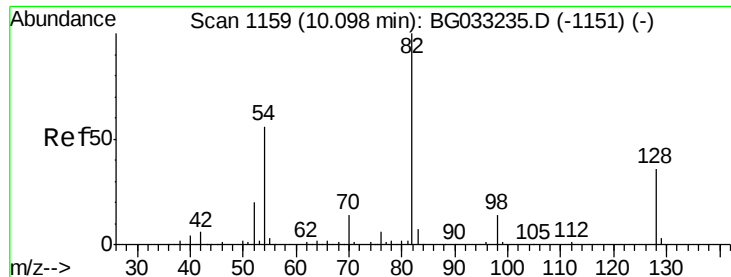
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

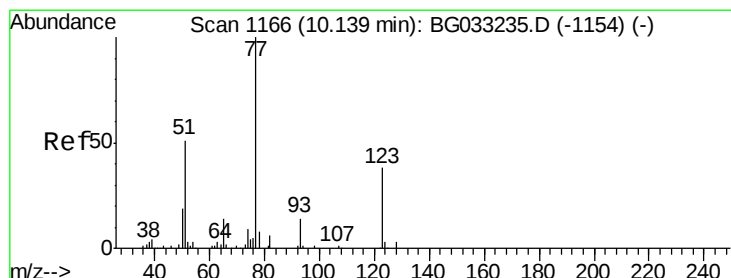
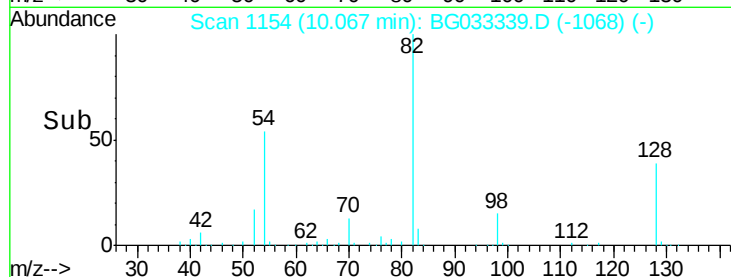
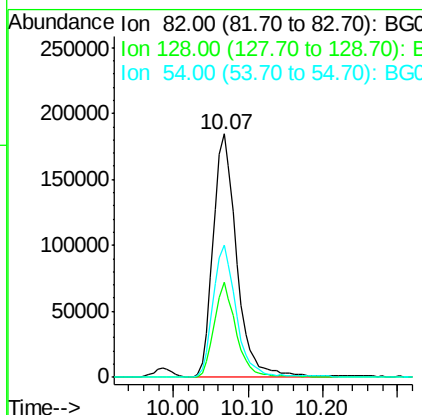
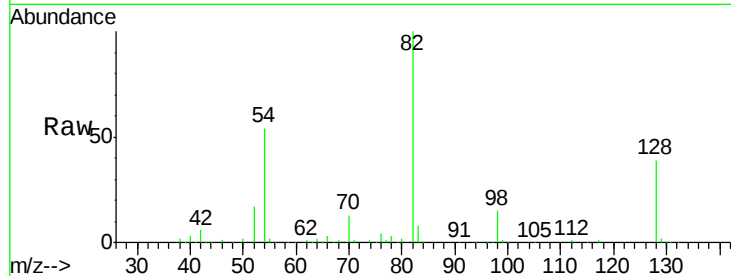




#23
 Nitrobenzene-d5
 Concen: 102.073 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

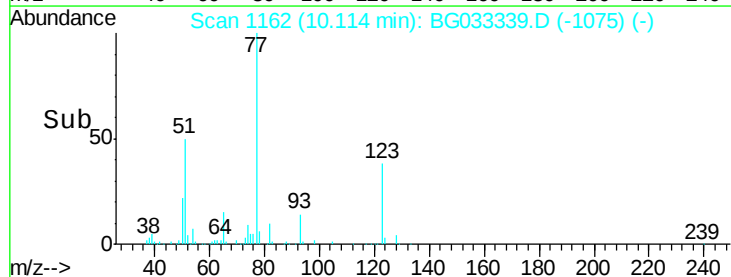
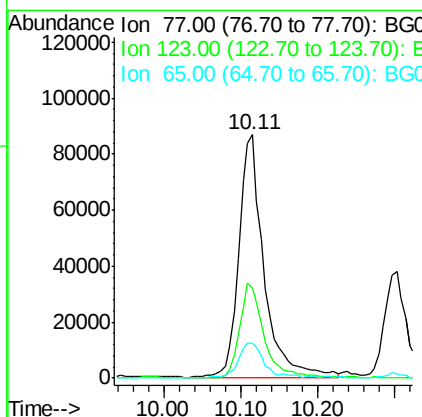
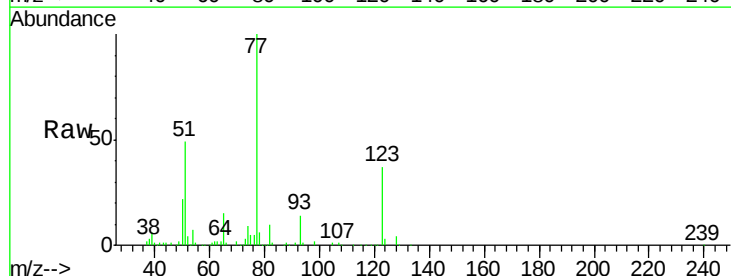
Instrument :
 BNA_G
 ClientSampleId :

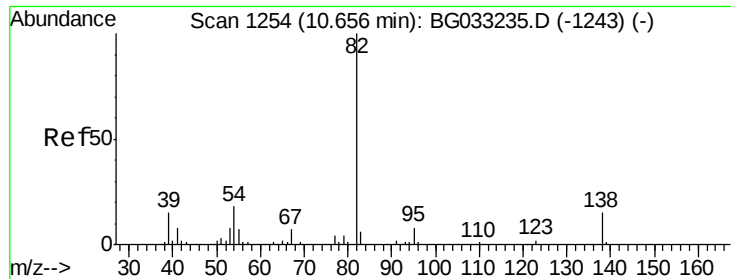
Tot Ion: 82 Resp: 408248
 Ion Ratio Lower Upper
 82 100
 128 39.2 29.7 44.5
 54 54.5 43.1 64.7



#24
 Nitrobenzene
 Concen: 46.251 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. -0.02 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

Tgt Ion: 77 Resp: 197999
 Ion Ratio Lower Upper
 77 100
 123 37.2 33.0 49.6
 65 14.6 13.0 19.6

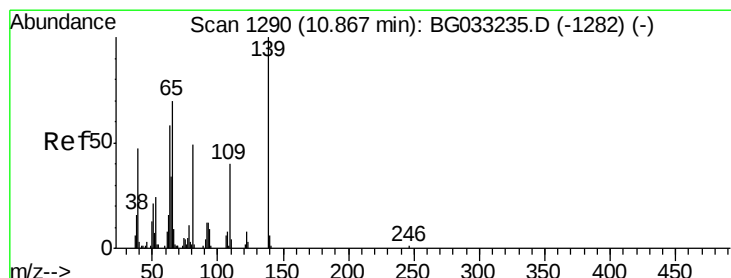
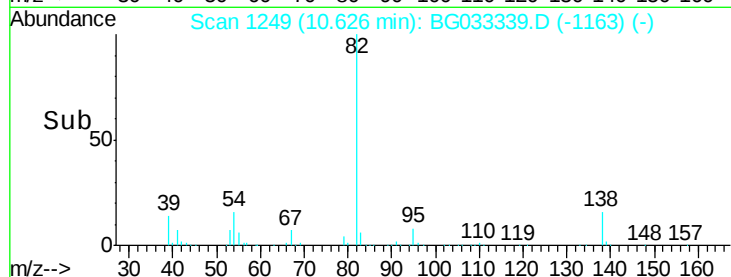
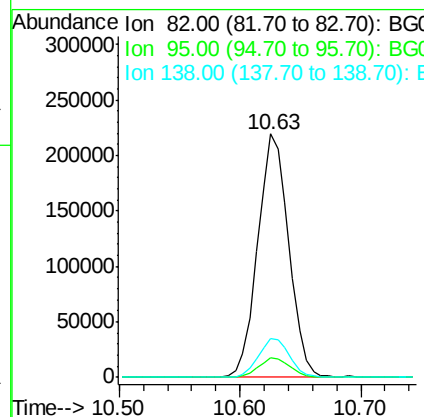
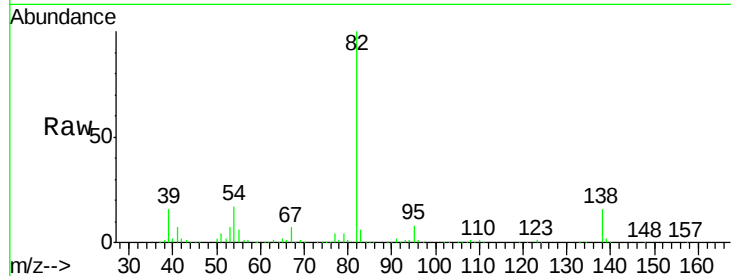




#25
Isophorone
Concen: 50.334 ng
RT: 10.63 min Scan# 1249
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

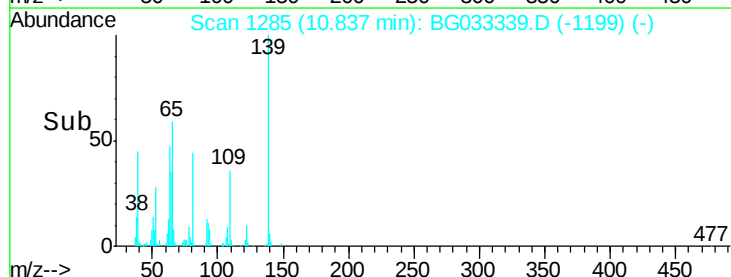
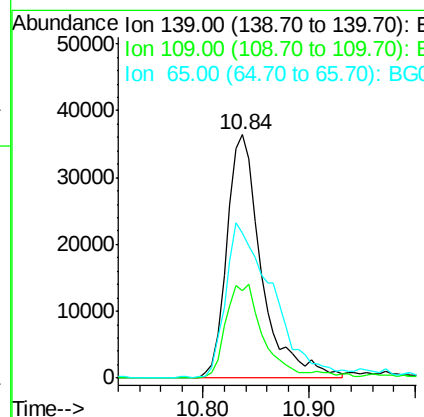
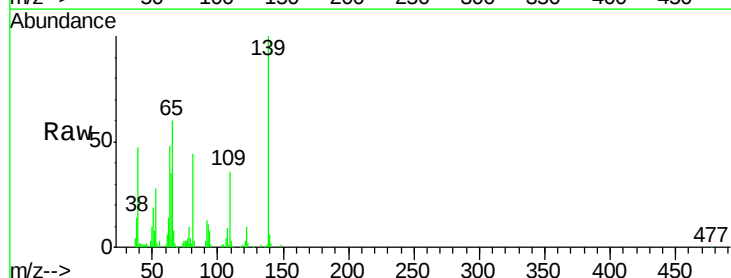
Instrument :
BNA_G
ClientSampled :

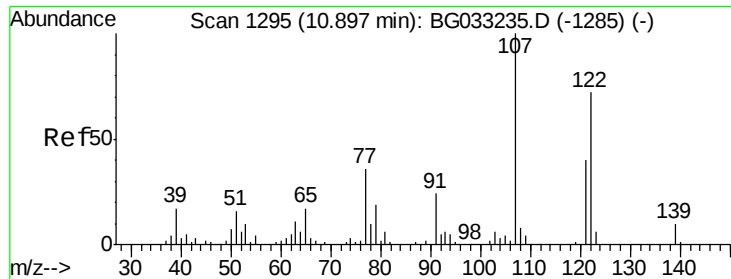
Tot Ion: 82 Resp: 390723
Ion Ratio Lower Upper
82 100
95 8.3 6.2 9.2
138 16.0 12.1 18.1



#26
2-Nitrophenol
Concen: 51.088 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion: 139 Resp: 82802
Ion Ratio Lower Upper
139 100
109 36.0 24.2 36.2
65 59.6 47.4 71.0

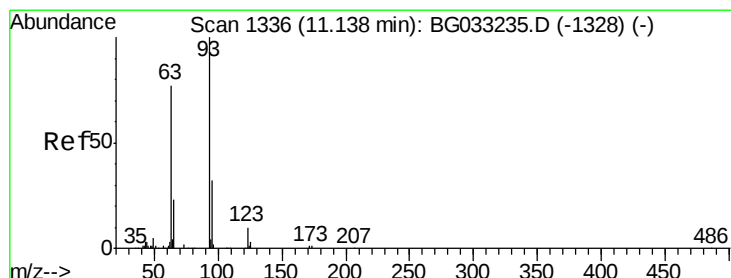
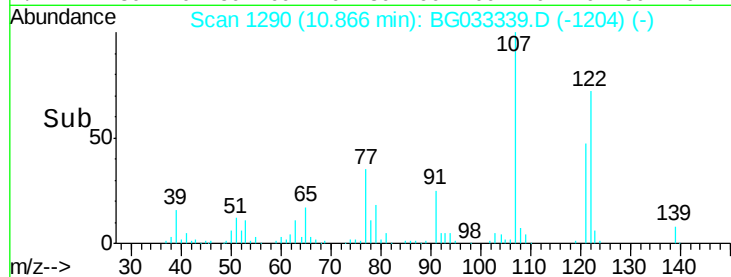
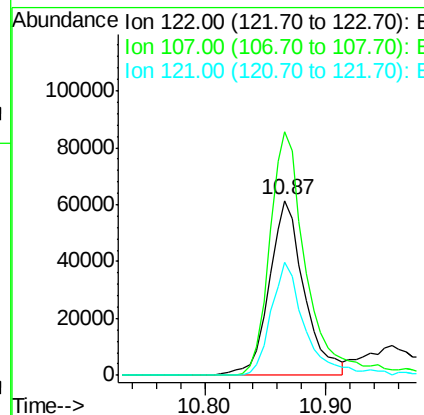
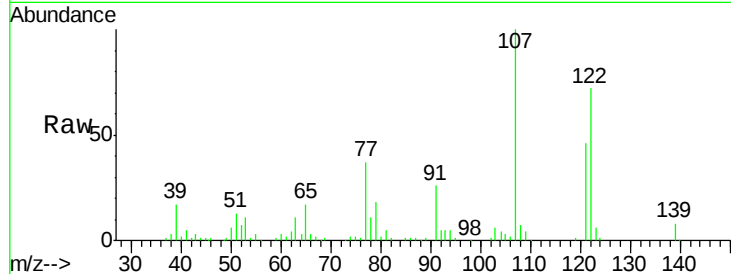




#27
 2,4-Dimethylphenol
 Concen: 52.404 ng
 RT: 10.87 min Scan# 1290
 Delta R.T. -0.03 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

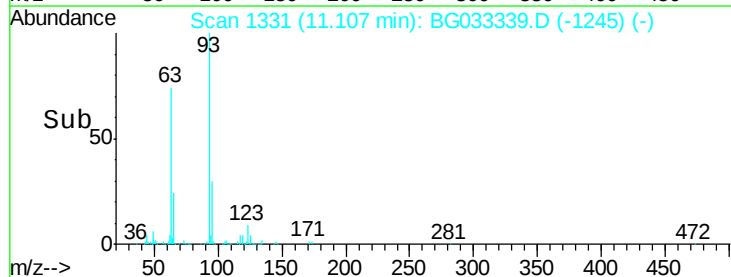
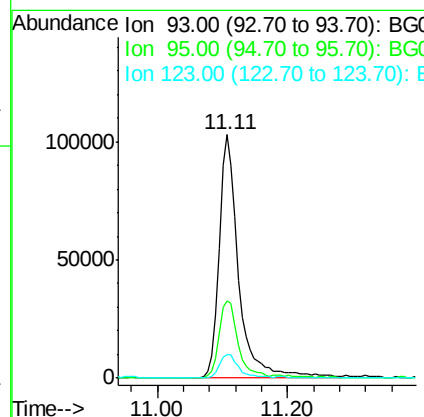
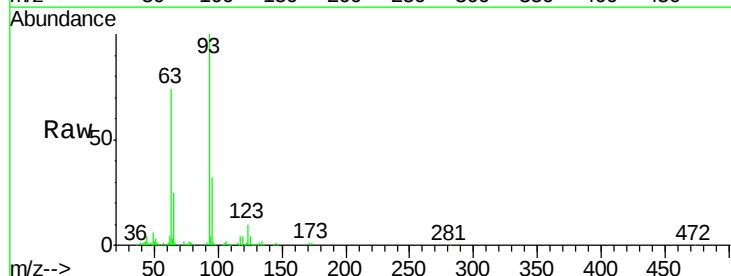
Instrument :
 BNA_G
 ClientSampled :

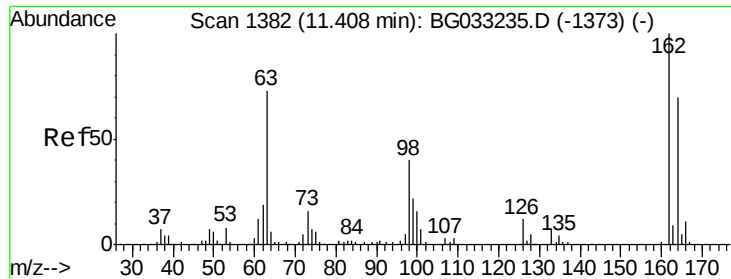
Tot Ion:122 Resp: 123384
 Ion Ratio Lower Upper
 122 100
 107 139.0 100.2 150.2
 121 64.5 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.269 ng
 RT: 11.11 min Scan# 1331
 Delta R.T. -0.03 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

Tgt Ion: 93 Resp: 214063
 Ion Ratio Lower Upper
 93 100
 95 31.7 24.3 36.5
 123 9.6 8.4 12.6

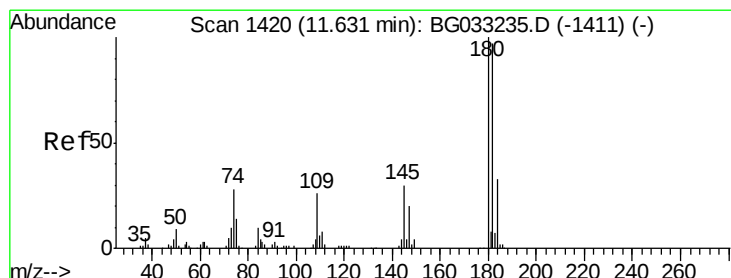
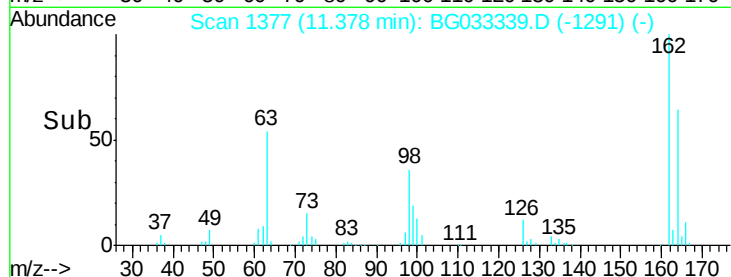
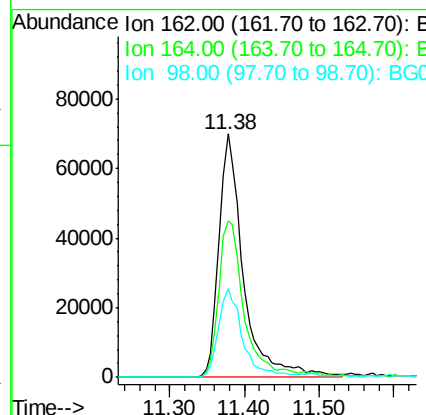
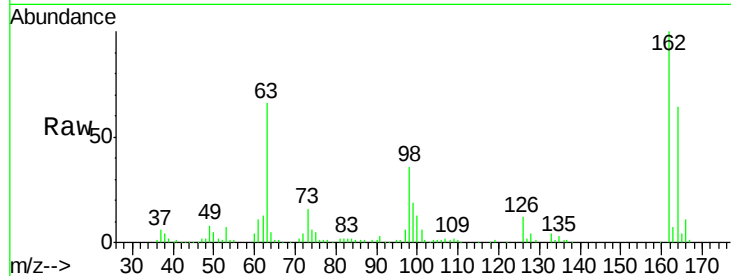




#29
 2,4-Dichlorophenol
 Concen: 54.989 ng
 RT: 11.38 min Scan# 1377
 Delta R.T. -0.03 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

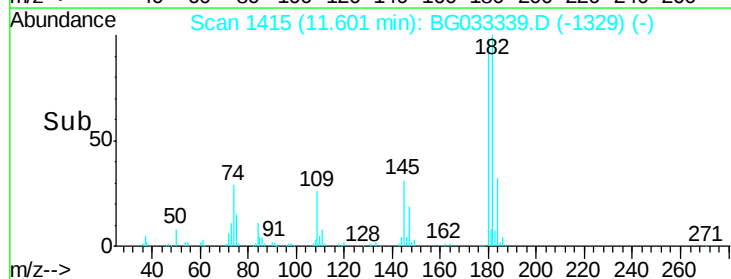
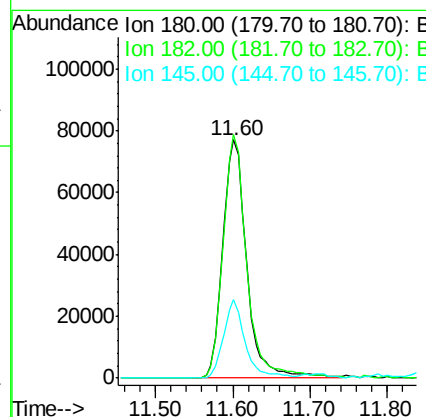
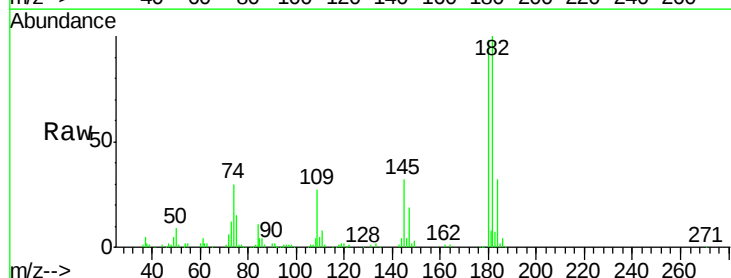
Instrument :
 BNA_G
 ClientSampled :

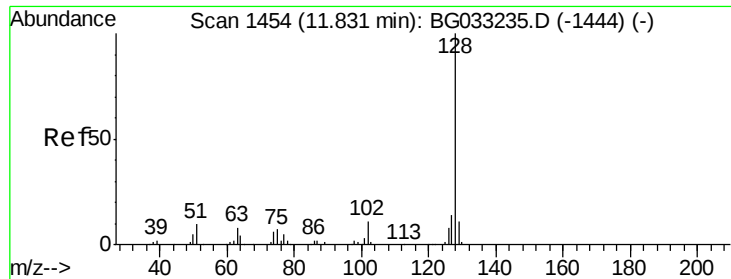
Tot Ion	162	Resp	159225
Ion	Ratio	Lower	Upper
162	100		
164	64.1	48.0	88.0
98	36.5	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.228 ng
 RT: 11.60 min Scan# 1415
 Delta R.T. -0.03 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

Tgt Ion	180	Resp	166387
Ion	Ratio	Lower	Upper
180	100		
182	102.1	77.5	116.3
145	32.7	23.4	35.2

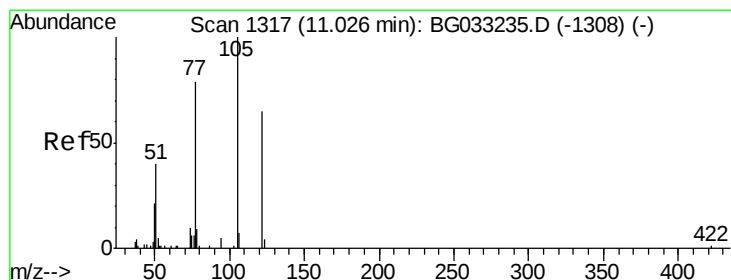
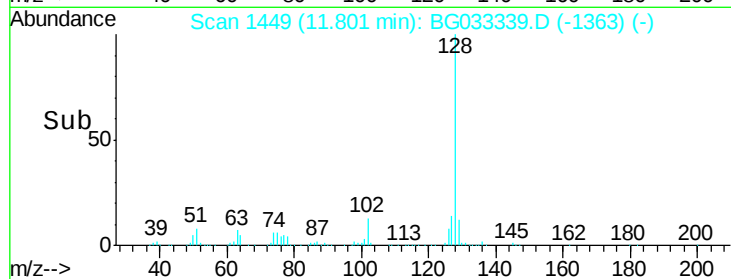
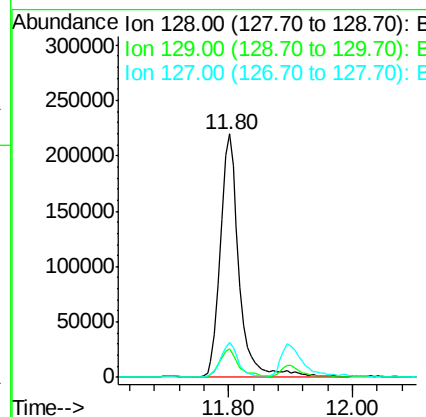
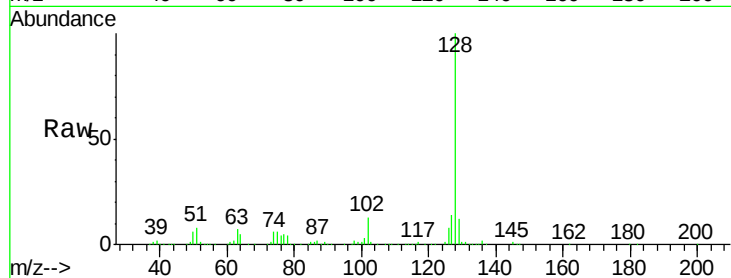




#31
Naphthalene
Concen: 48.560 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

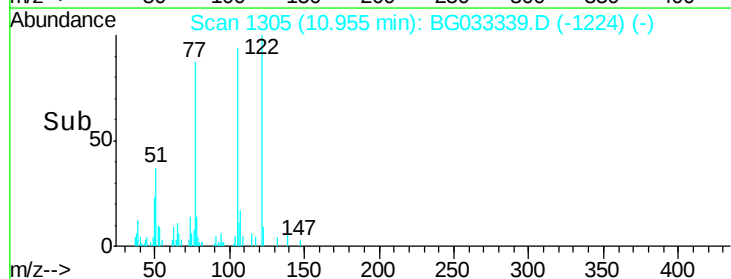
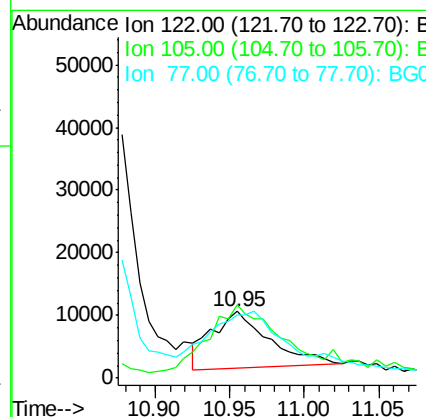
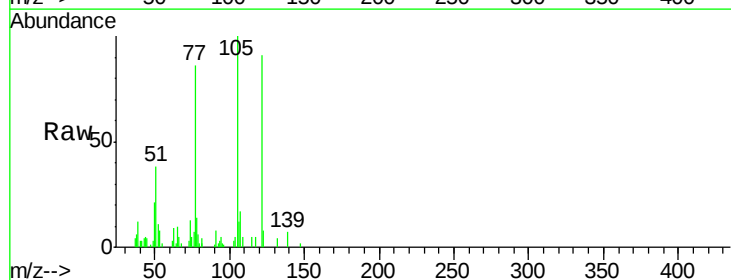
Instrument :
BNA_G
ClientSampleId :

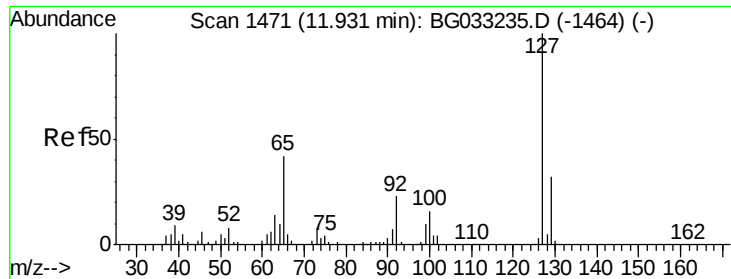
Tot Ion:128 Resp: 462407
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 14.4 11.6 17.4



#32
Benzoic acid
Concen: 11.249 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.06 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion:122 Resp: 24621
Ion Ratio Lower Upper
122 100
105 110.5 123.5 163.5#
77 95.3 85.7 125.7

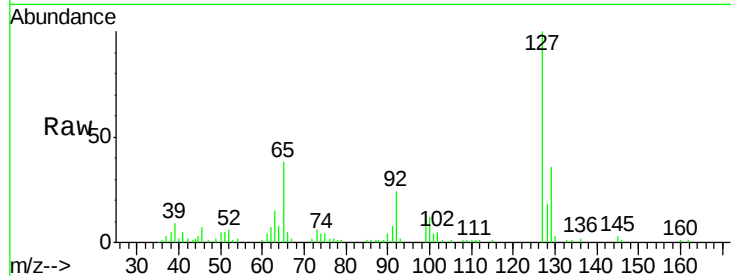




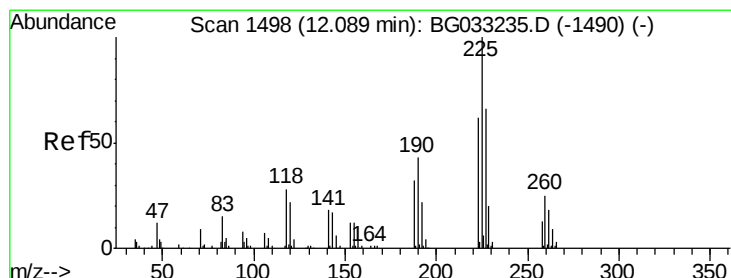
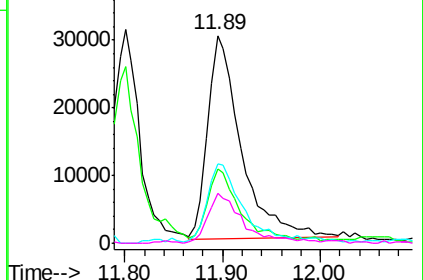
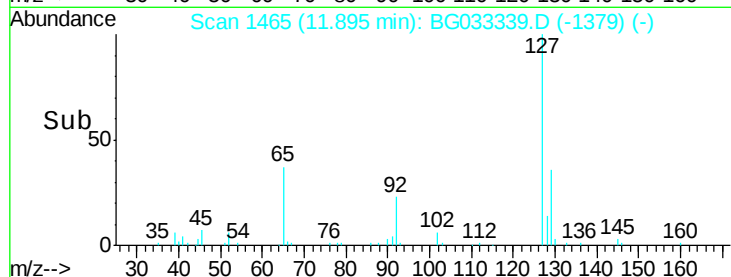
#33
4-Chloroaniline
Concen: 16.671 ng
RT: 11.89 min Scan# 1465
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	71122
Ion	Ratio	Lower	Upper
127	100		
129	35.6	24.0	36.0
65	38.2	27.0	40.4
92	24.1	16.6	25.0

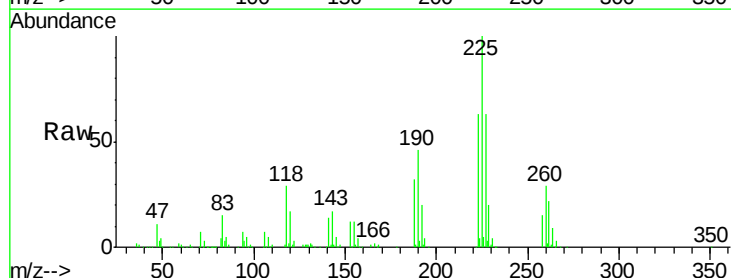


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

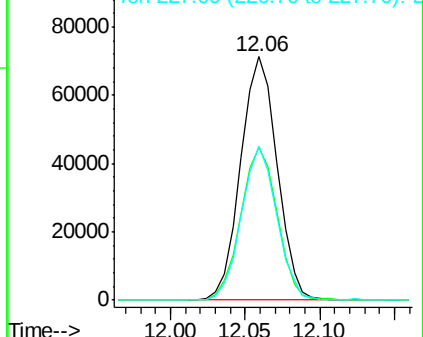
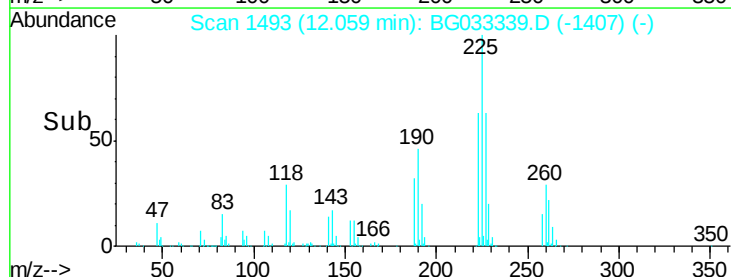


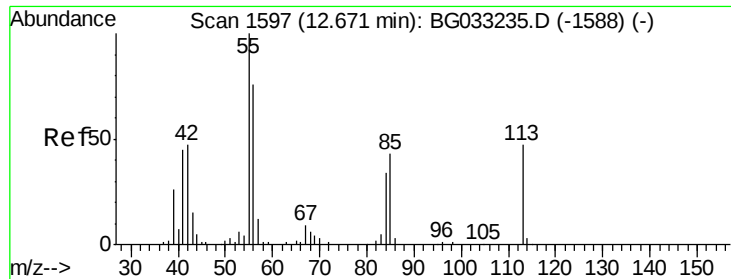
#34
Hexachlorobutadiene
Concen: 42.379 ng
RT: 12.06 min Scan# 1493
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion:	225	Resp:	120565
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	63.2	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

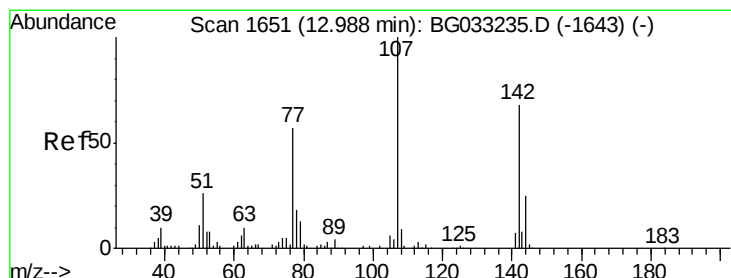
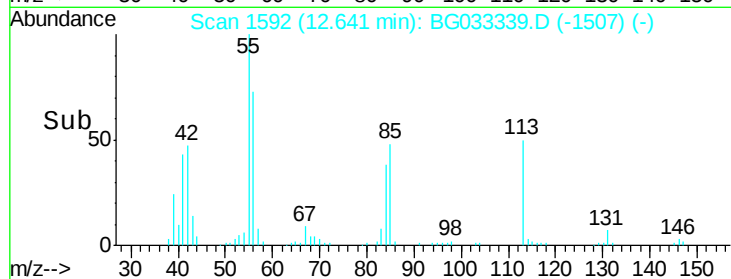
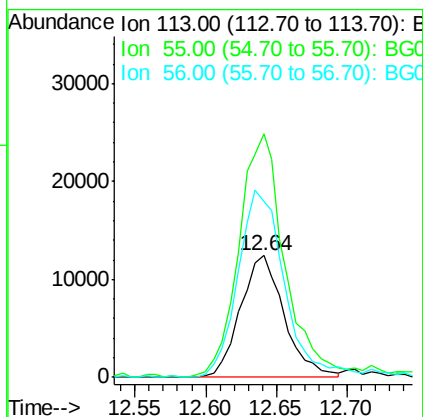
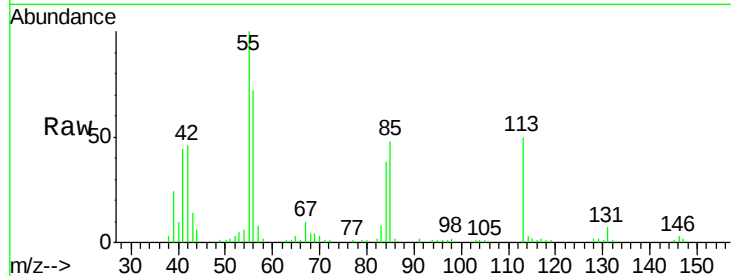




#35
 Caprolactam
 Concen: 23.800 ng
 RT: 12.64 min Scan# 1592
 Delta R.T. -0.03 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

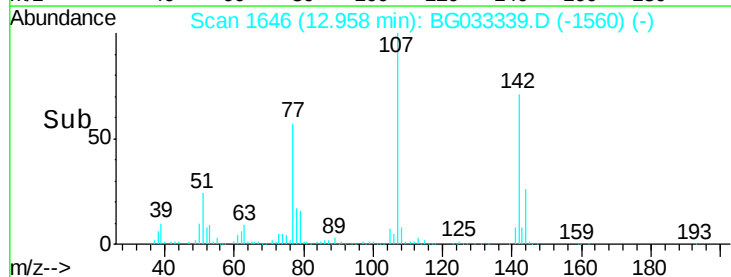
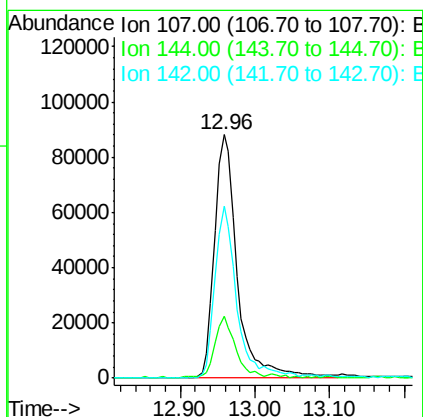
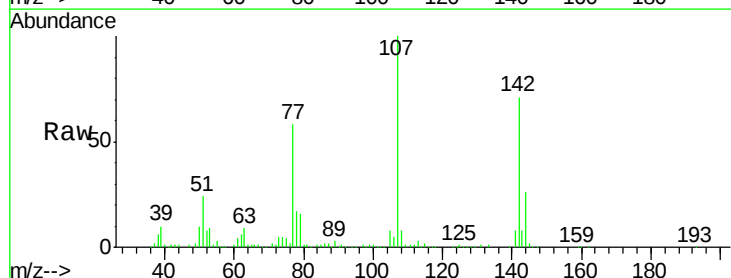
Instrument :
 BNA_G
 ClientSampled :

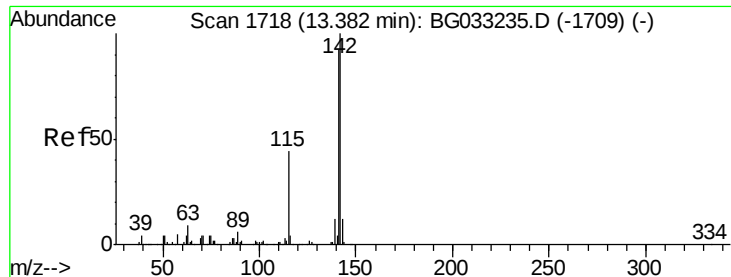
Tot Ion:113 Resp: 26998
 Ion Ratio Lower Upper
 113 100
 55 200.5 186.9 226.9
 56 144.8 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 49.810 ng
 RT: 12.96 min Scan# 1646
 Delta R.T. -0.03 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

Tgt Ion:107 Resp: 188111
 Ion Ratio Lower Upper
 107 100
 144 25.6 18.2 27.4
 142 70.6 59.0 88.4





#37

2-Methylnaphthalene

Concen: 48.385 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampleId :

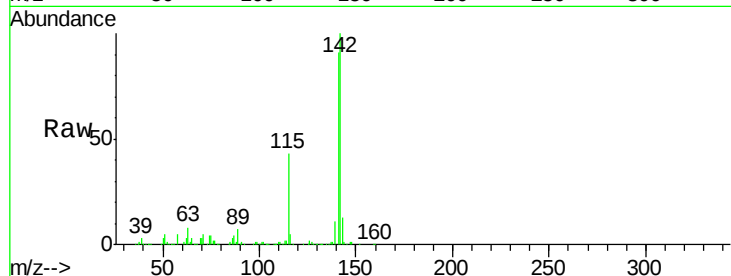
Tot Ion:142 Resp: 357610

Ion Ratio Lower Upper

142 100

141 90.6 67.1 100.7

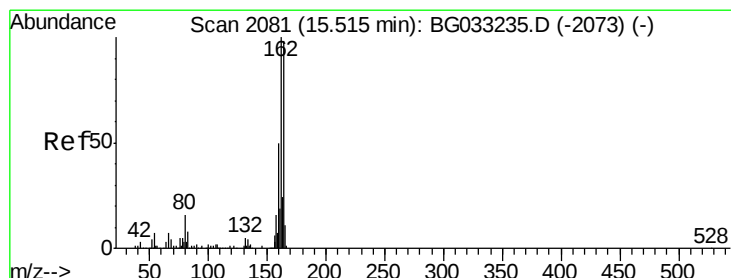
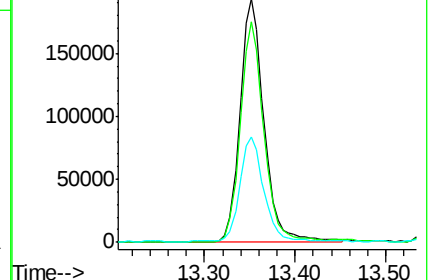
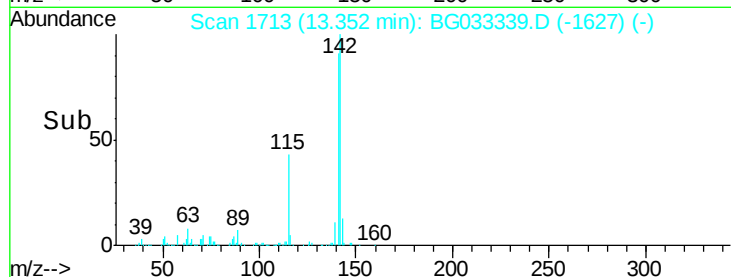
115 43.4 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2076

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

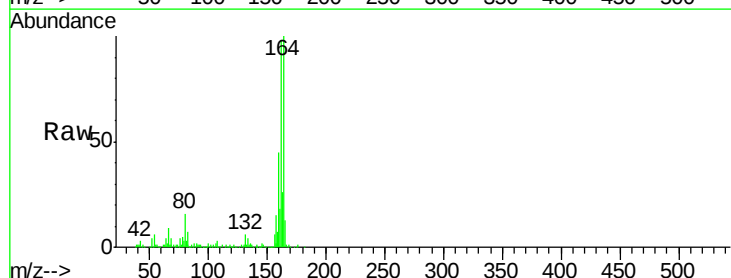
Tgt Ion:164 Resp: 141496

Ion Ratio Lower Upper

164 100

162 97.6 78.8 118.2

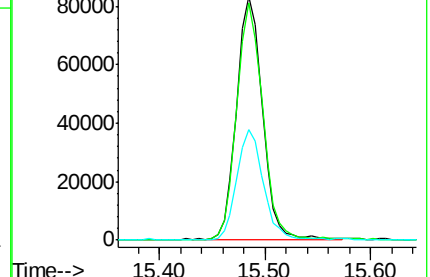
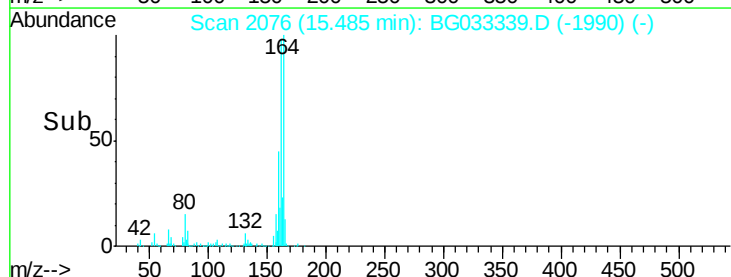
160 45.1 35.4 53.0

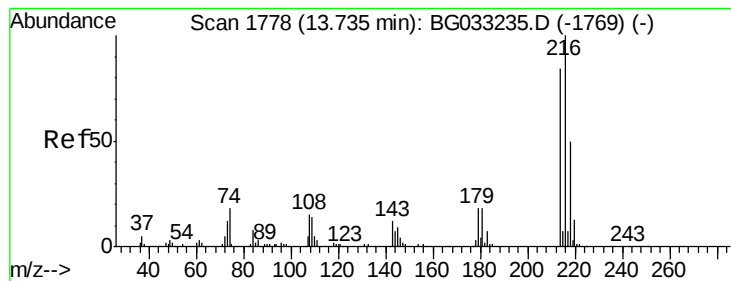


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.616 ng

RT: 13.70 min Scan# 1773

Delta R.T. -0.03 min

Lab File: BG033339.D

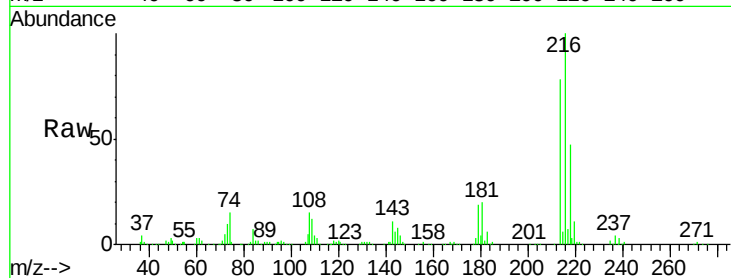
Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	244047
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	19.5	17.0	25.6
108	17.3	12.8	19.2

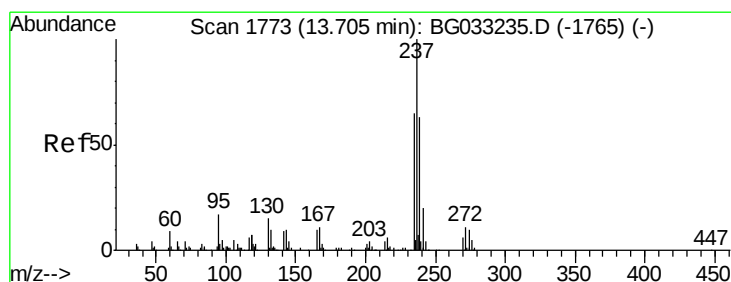
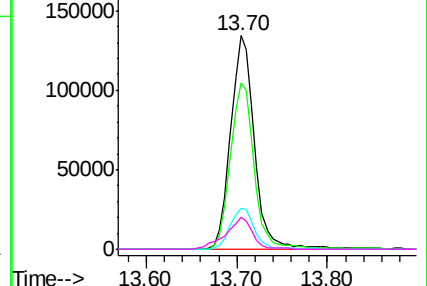
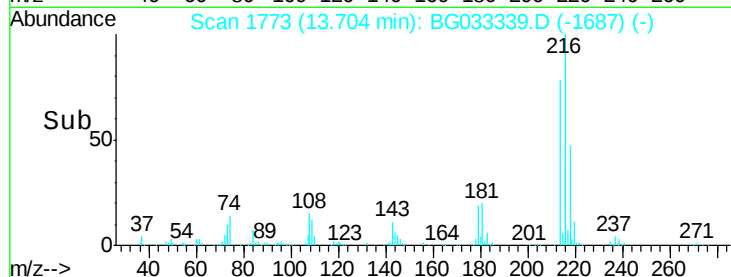


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.185 ng

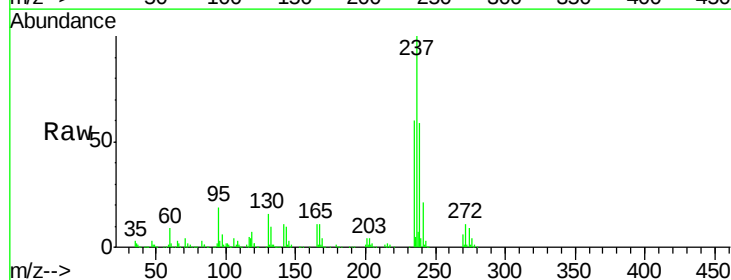
RT: 13.67 min Scan# 1768

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

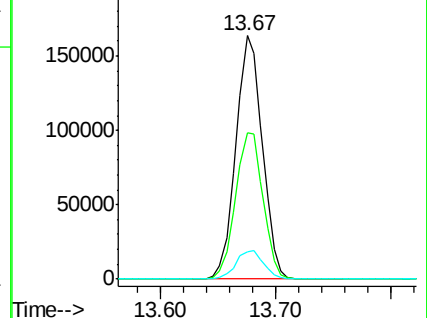
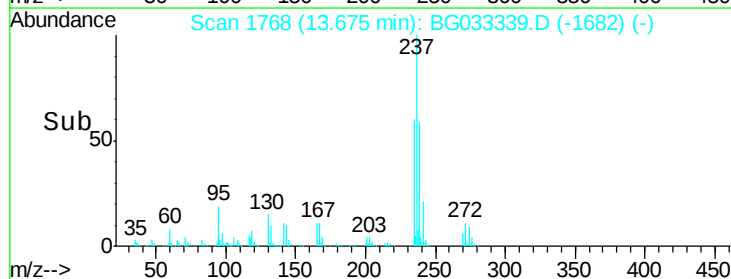
Tgt Ion:	237	Resp:	258953
Ion	Ratio	Lower	Upper
237	100		
235	60.0	50.4	90.4
272	11.0	0.0	31.8

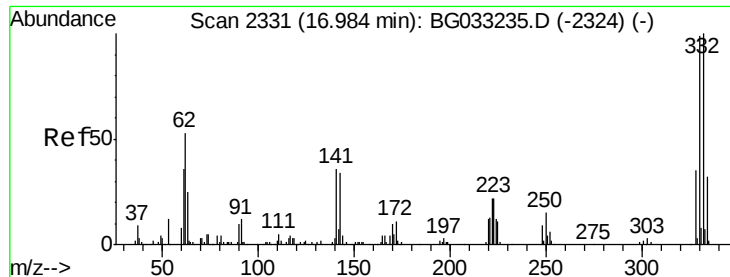


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

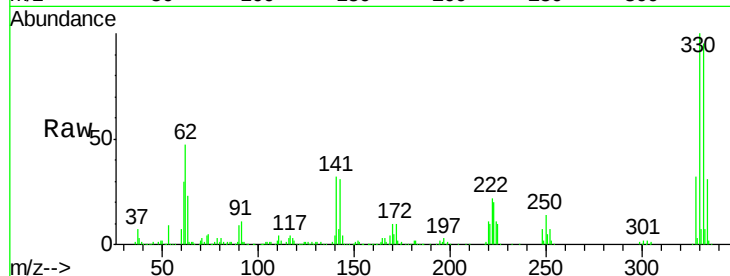




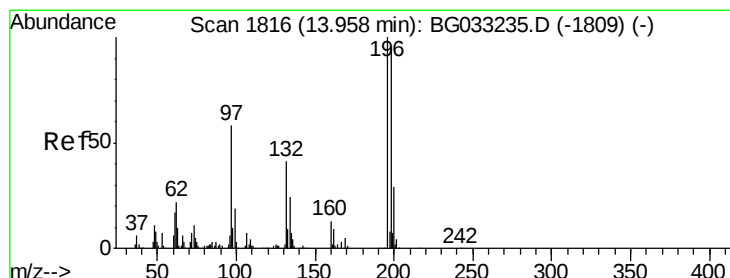
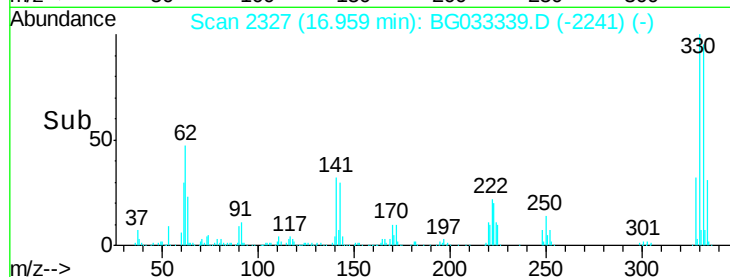
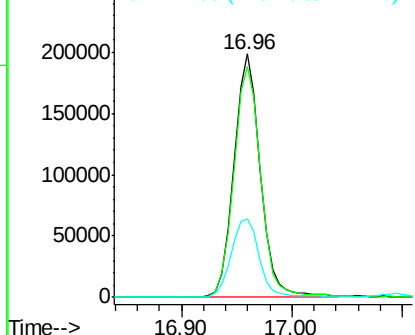
#41
 2,4,6-Tribromophenol
 Concen: 157.334 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. -0.03 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	34.2	25.2	37.8

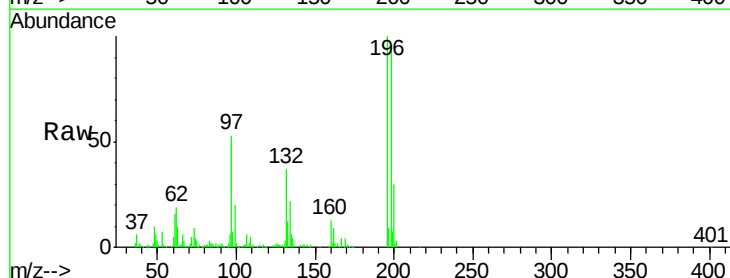


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

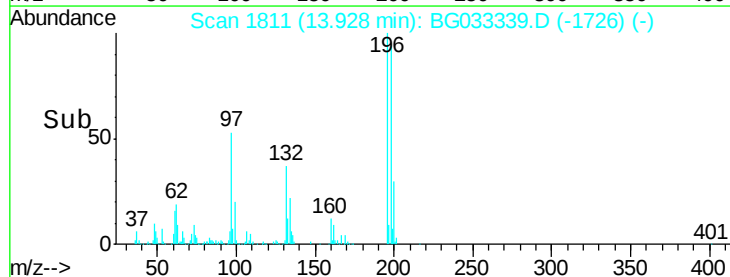
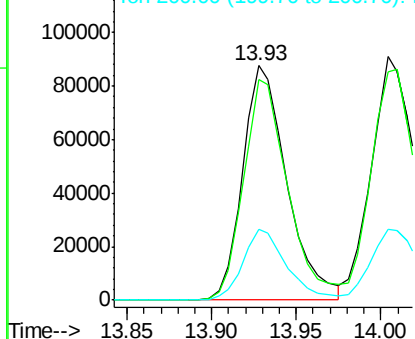


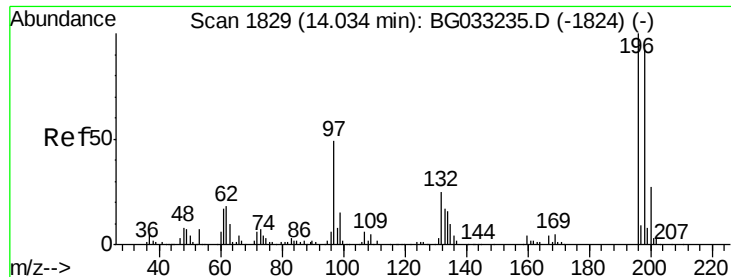
#42
 2,4,6-Trichlorophenol
 Concen: 53.518 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.03 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	78.2	117.2
200	30.3	24.6	36.8



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

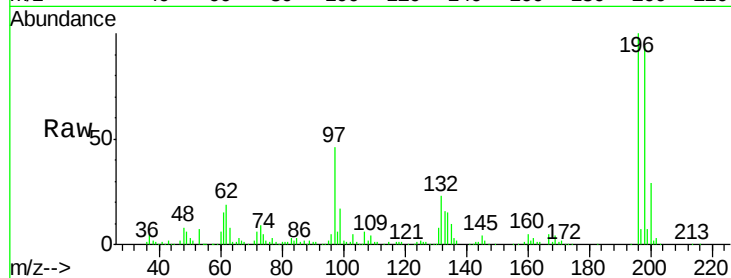




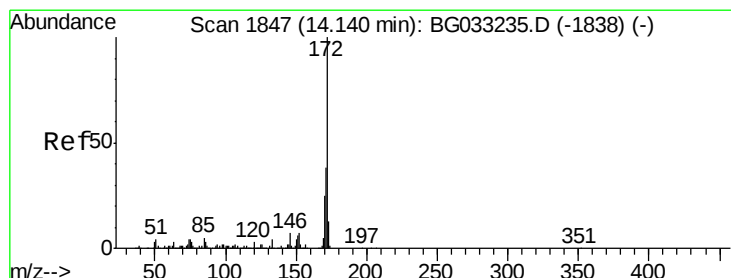
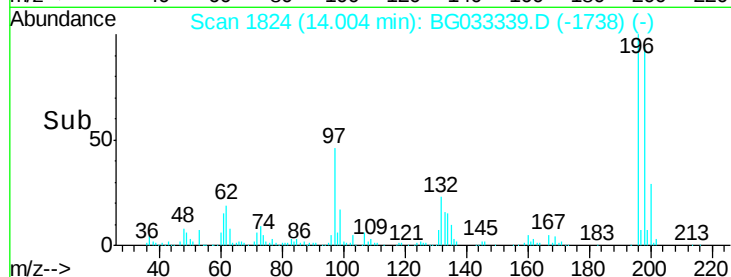
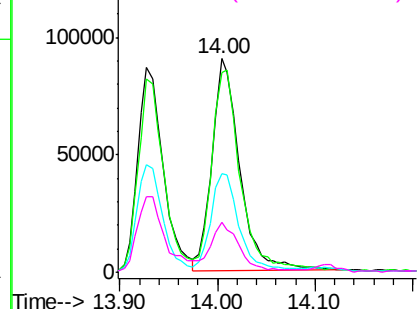
#43
2,4,5-Trichlorophenol
Concen: 51.291 ng
RT: 14.00 min Scan# 1824
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 180533
Ion Ratio Lower Upper
196 100
198 93.7 76.2 114.4
97 45.9 38.7 58.1
132 23.3 20.2 30.2

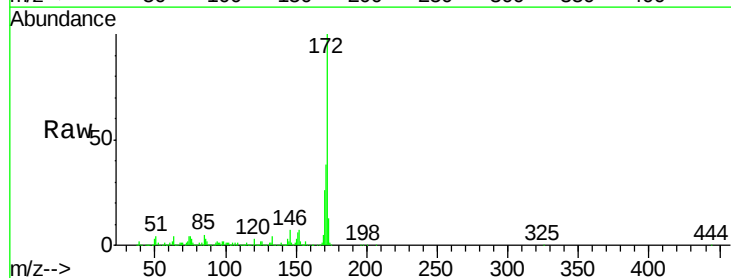


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

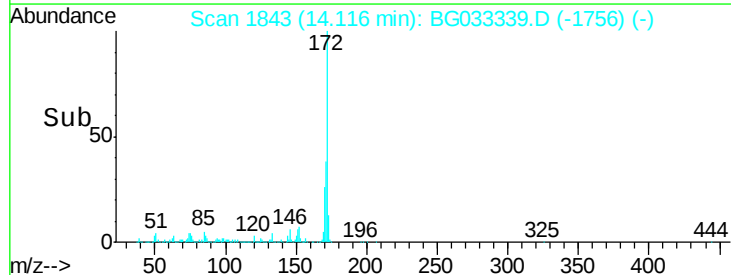
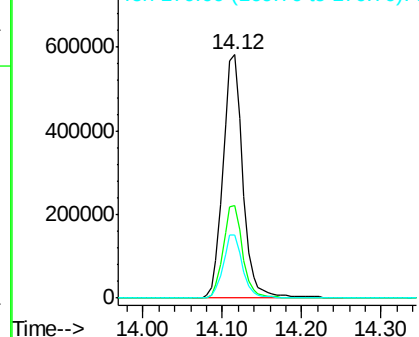


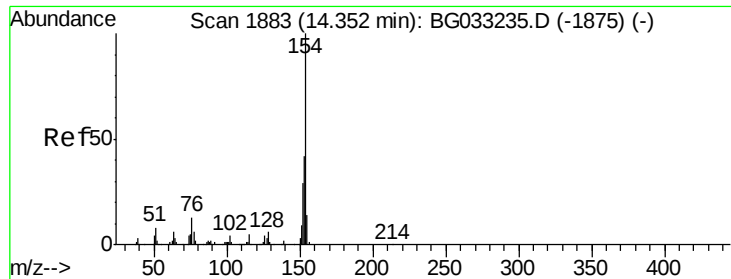
#44
2-Fluorobiphenyl
Concen: 103.083 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion:172 Resp: 1010356
Ion Ratio Lower Upper
172 100
171 37.8 30.0 45.0
170 26.0 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

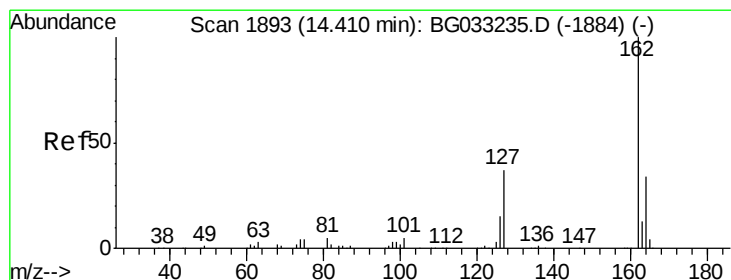
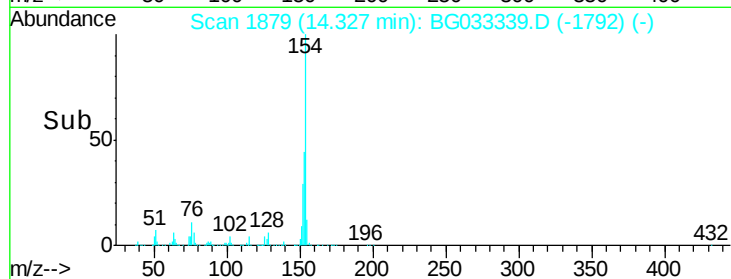
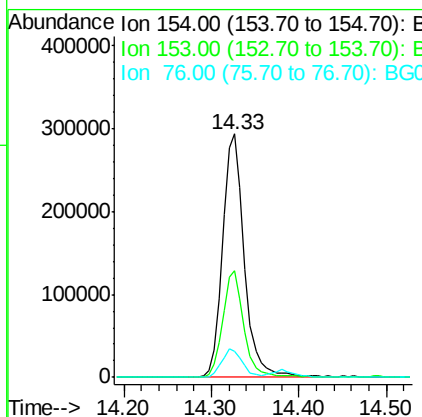
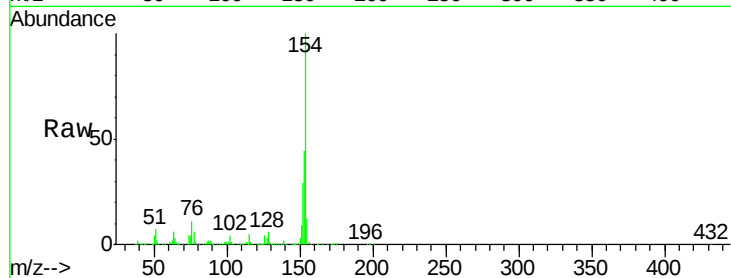




#45
1,1'-Biphenyl
Concen: 46.349 ng
RT: 14.33 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

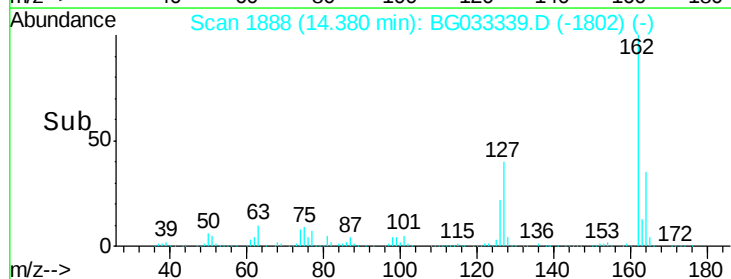
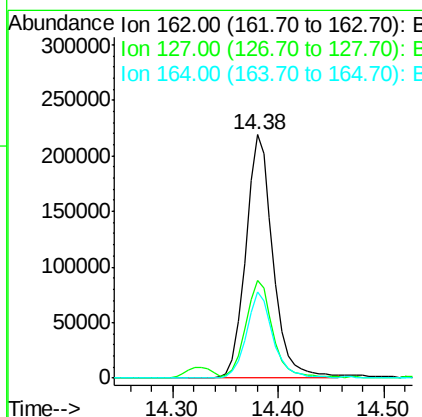
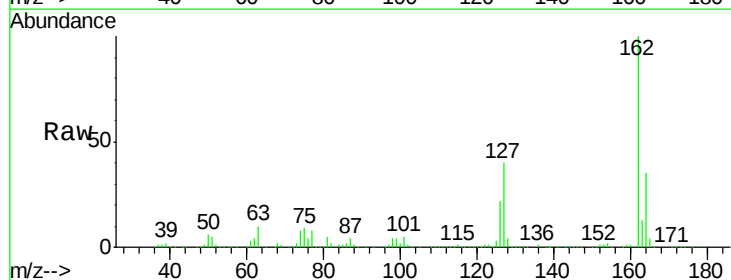
Instrument :
BNA_G
ClientSampleId :

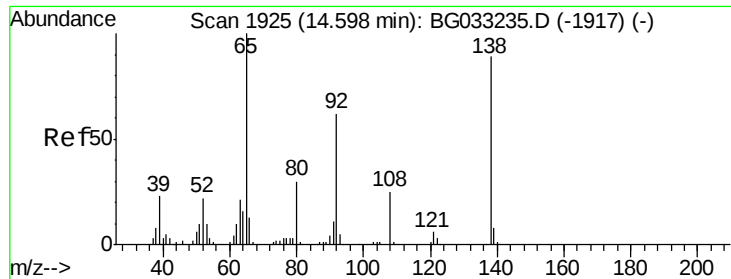
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.7	19.8	59.8
76	10.8	0.0	31.9



#46
2-Chloronaphthalene
Concen: 46.716 ng
RT: 14.38 min Scan# 1888
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	30.7	46.1
164	35.4	26.0	39.0

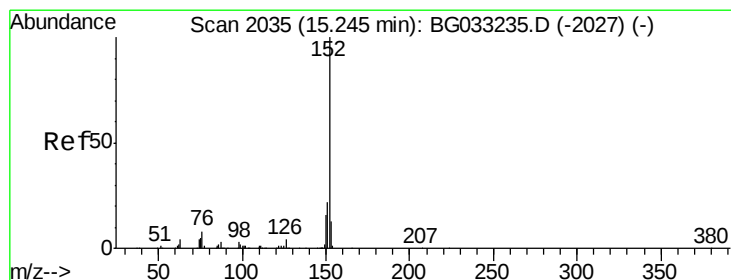
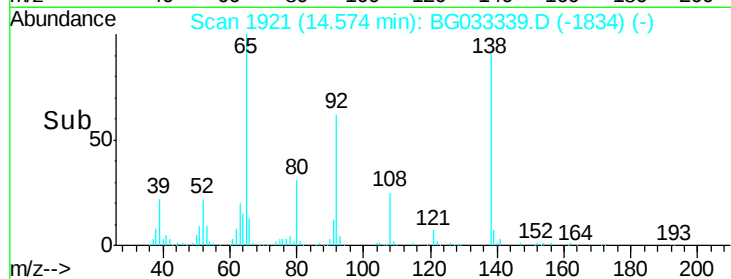
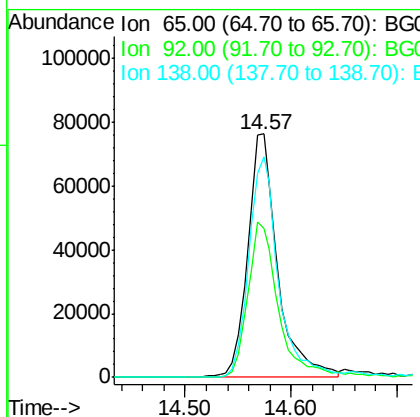
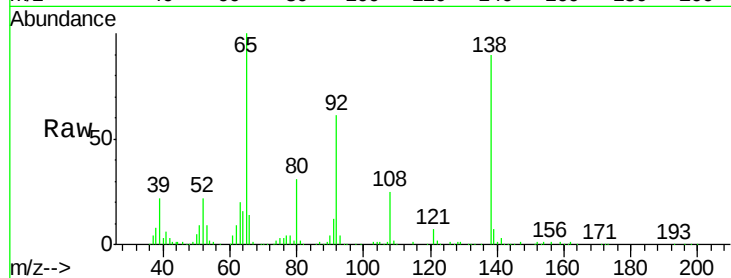




#47
2-Nitroaniline
Concen: 48.164 ng
RT: 14.57 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

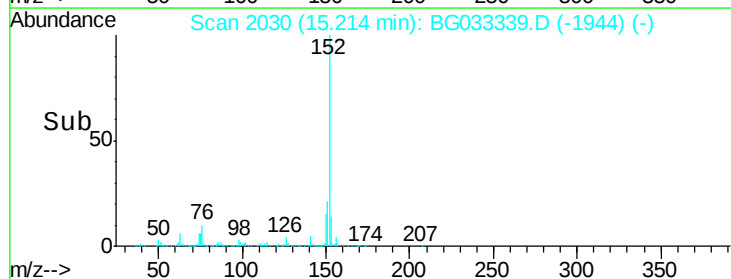
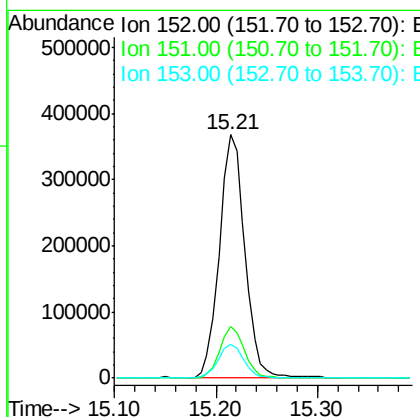
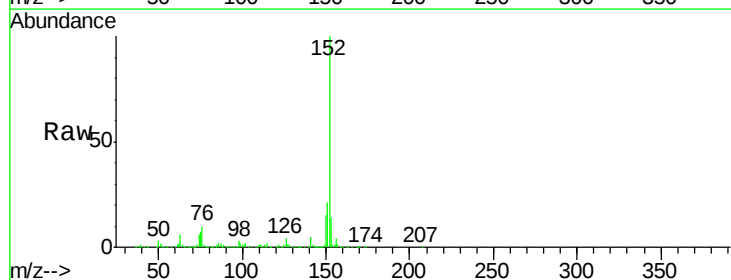
Instrument :
BNA_G
ClientSampled :

Tot Ion: 65 Resp: 151211
Ion Ratio Lower Upper
65 100
92 61.3 54.6 82.0
138 90.4 72.9 109.3



#48
Acenaphthylene
Concen: 45.613 ng
RT: 15.21 min Scan# 2030
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion: 152 Resp: 638177
Ion Ratio Lower Upper
152 100
151 21.2 17.2 25.8
153 14.0 10.2 15.4

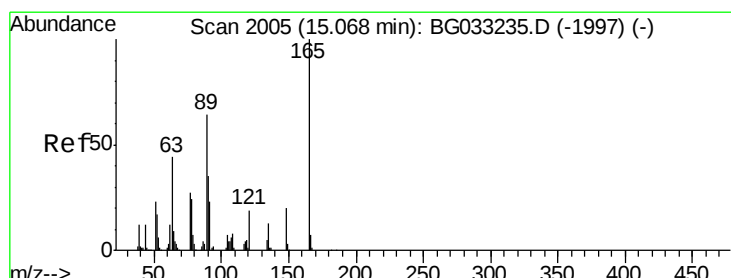
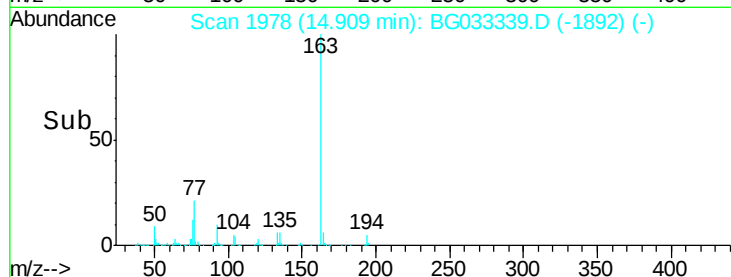
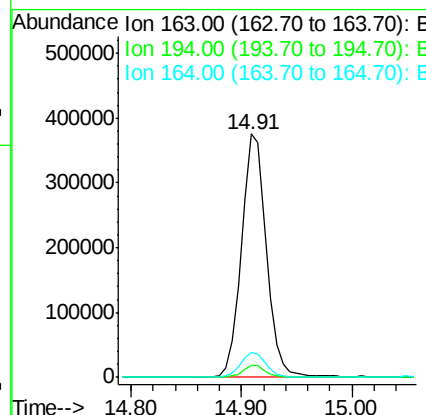
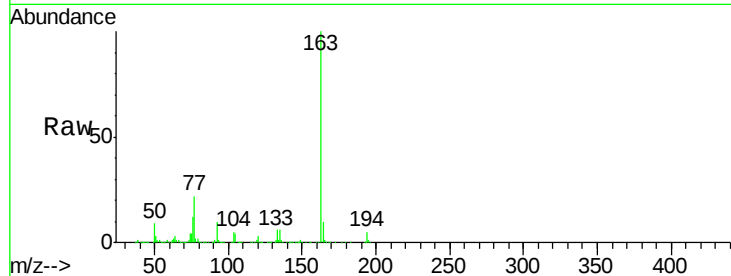




#49
Dimethylphthalate
Concen: 48.603 ng
RT: 14.91 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

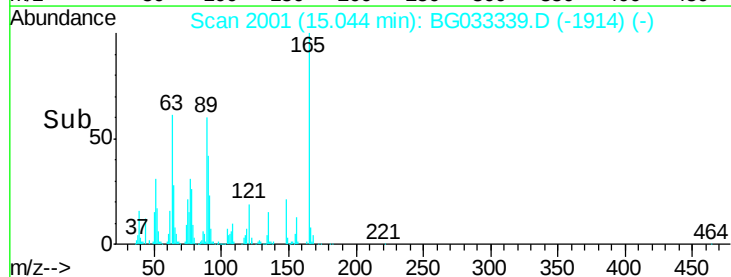
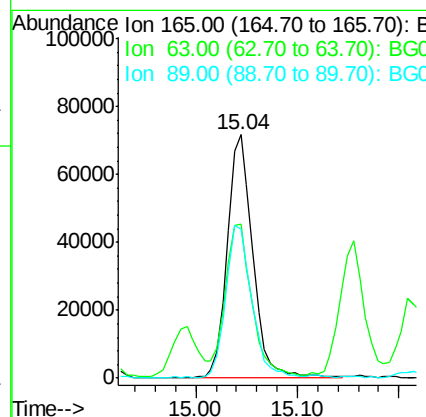
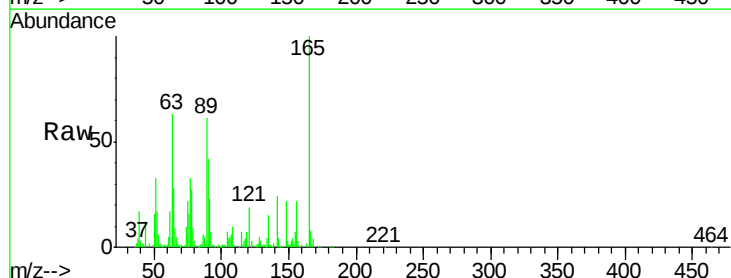
Instrument :
BNA_G
ClientSampled :

Tot Ion	163	Resp	598497
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.4	5.2
164	10.0	8.2	12.4



#50
2,6-Dinitrotoluene
Concen: 49.849 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion	165	Resp	125513
Ion Ratio	Lower	Upper	
165	100		
63	63.3	52.7	79.1
89	61.2	49.2	73.8





#51

Acenaphthene

Concen: 53.974 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampleId :

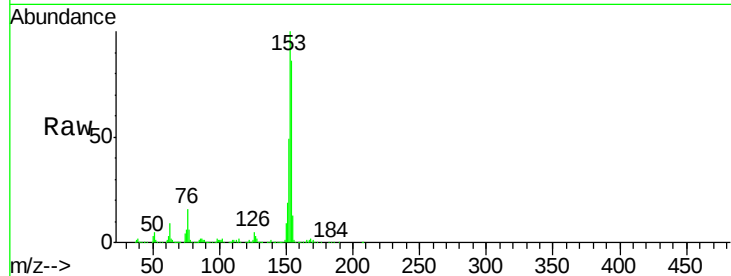
Tot Ion:154 Resp: 486805

Ion Ratio Lower Upper

154 100

153 116.9 90.4 135.6

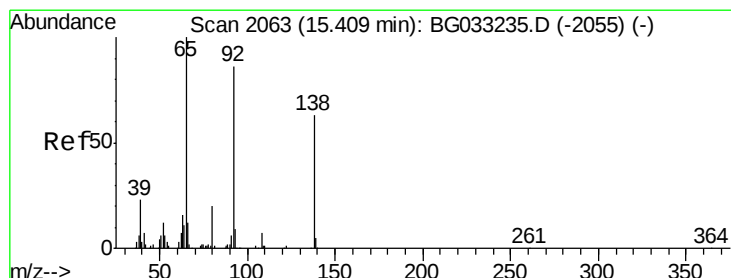
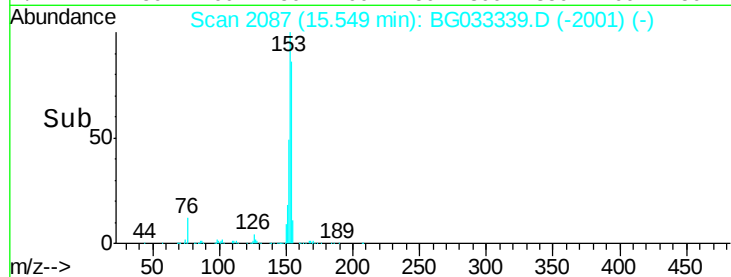
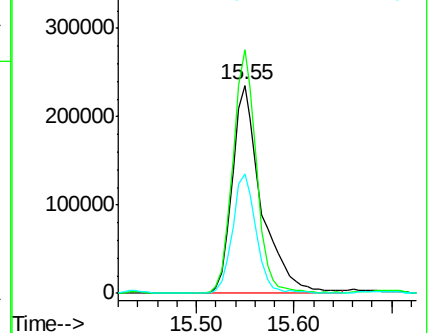
152 57.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.937 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

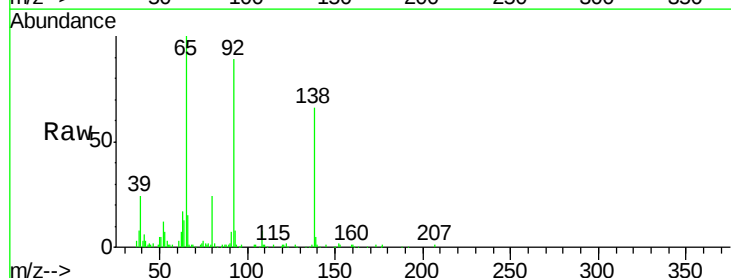
Tgt Ion:138 Resp: 60547

Ion Ratio Lower Upper

138 100

108 11.4 17.5 26.3#

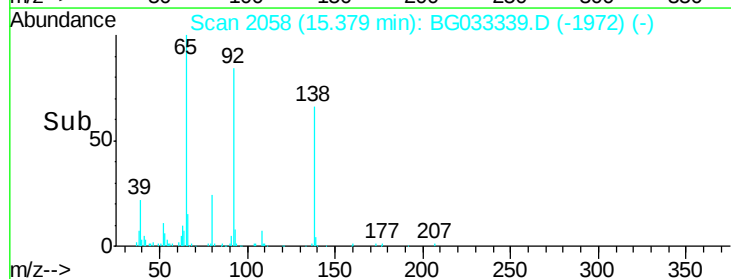
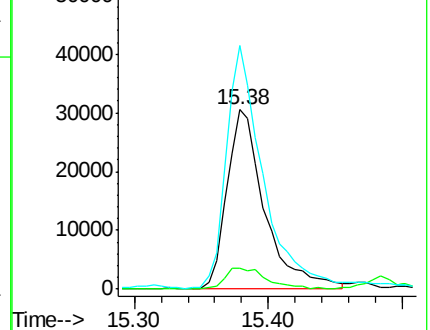
92 135.7 105.8 158.8

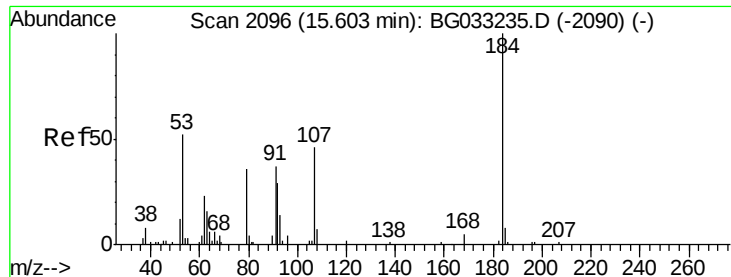


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

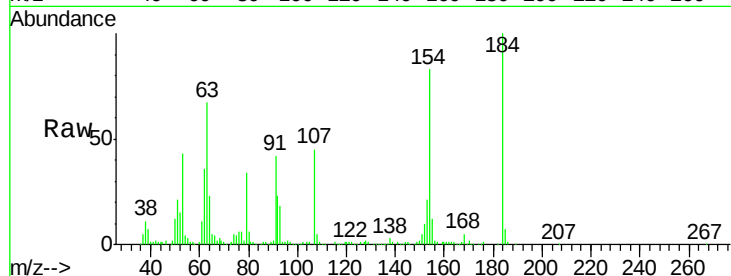




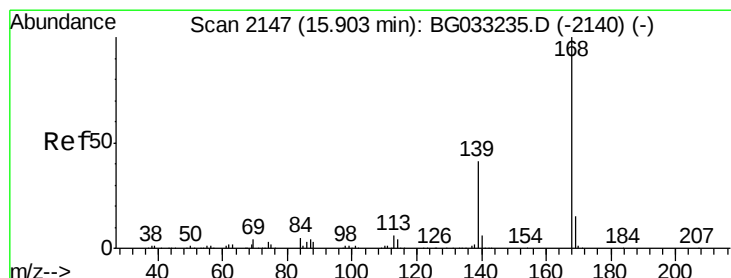
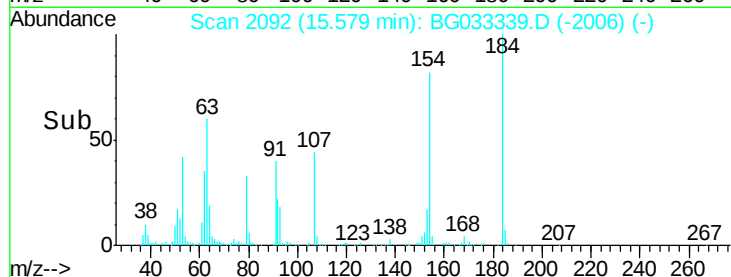
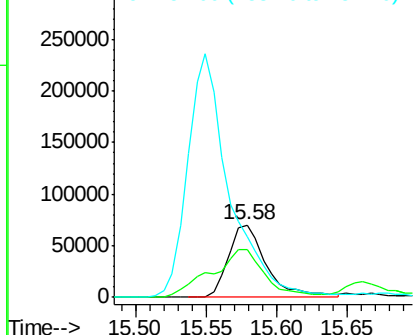
#53
2,4-Dinitrophenol
Concen: 98.927 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 131597
Ion Ratio Lower Upper
184 100
63 66.7 59.8 89.8
154 83.1 101.8 152.8#

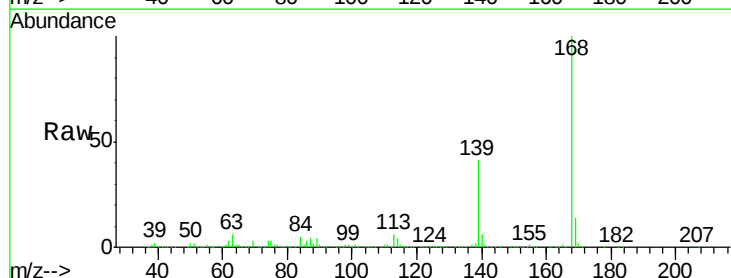


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

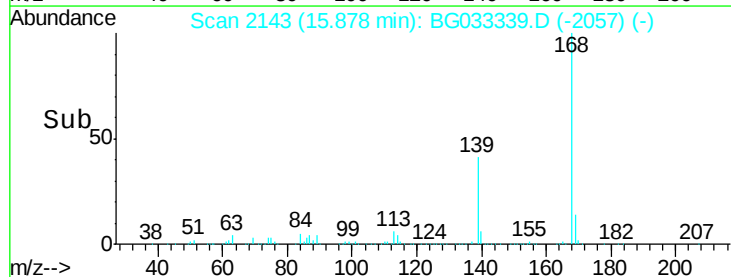
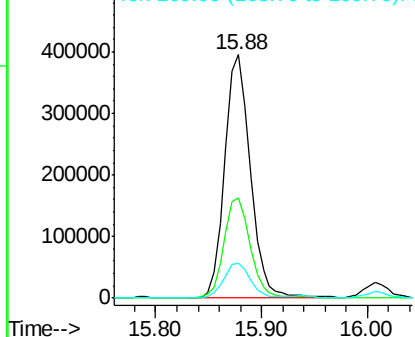


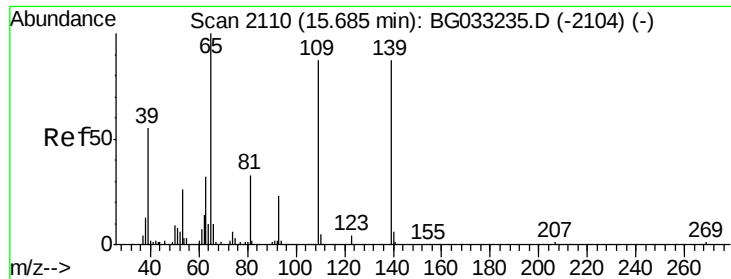
#54
Dibenzofuran
Concen: 50.128 ng
RT: 15.88 min Scan# 2143
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion:168 Resp: 667833
Ion Ratio Lower Upper
168 100
139 41.4 28.6 43.0
169 14.3 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

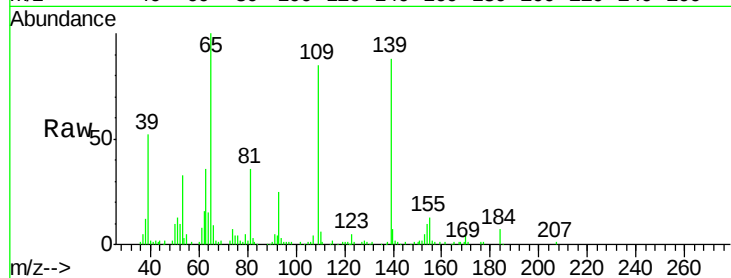




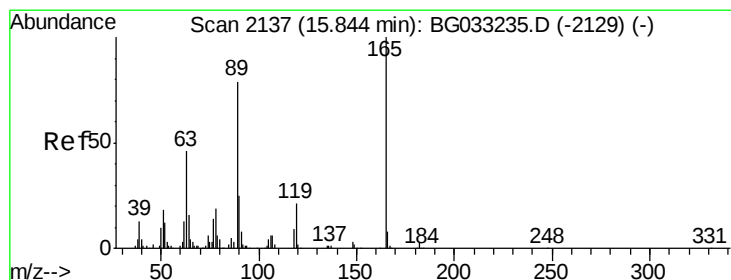
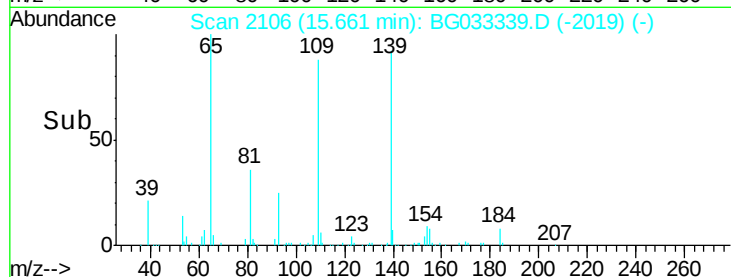
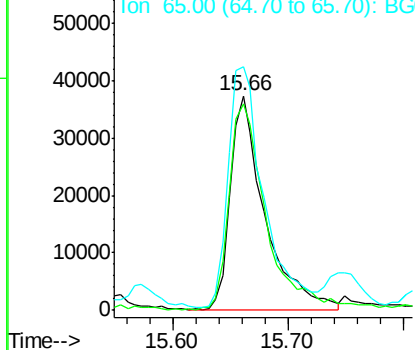
#55
4-Nitrophenol
Concen: 42.089 ng
RT: 15.66 min Scan# 2106
Delta R.T. -0.02 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 78125
Ion Ratio Lower Upper
139 100
109 96.0 62.2 102.2
65 113.5 97.2 137.2

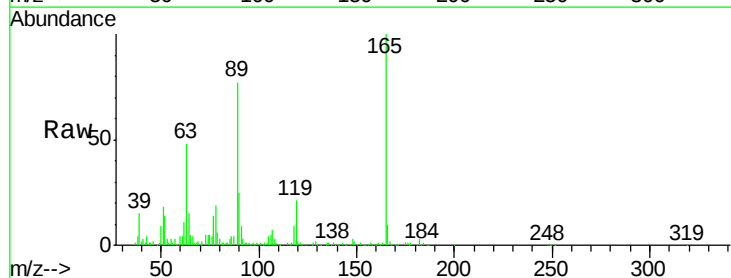


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

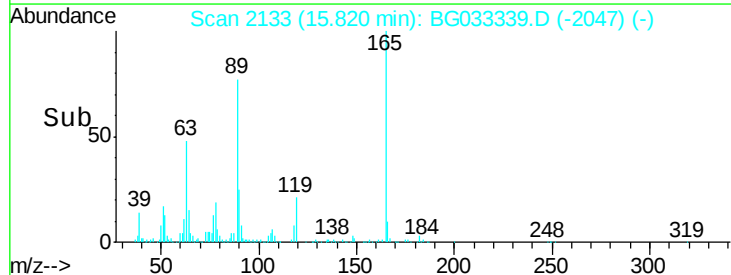
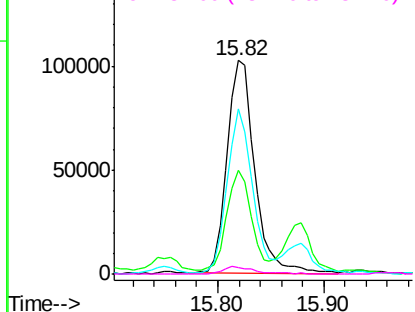


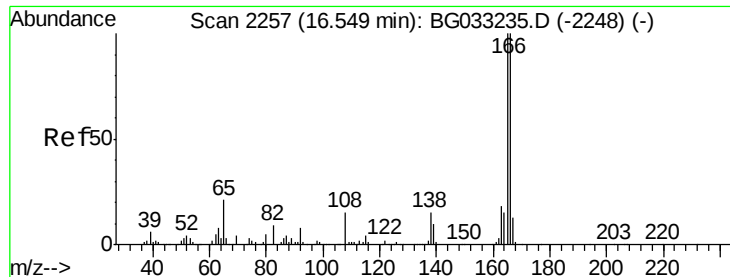
#56
2,4-Dinitrotoluene
Concen: 50.004 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion:165 Resp: 185378
Ion Ratio Lower Upper
165 100
63 48.4 42.0 63.0
89 77.3 66.9 100.3
182 2.9 2.6 3.8



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 49.937 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampleId :

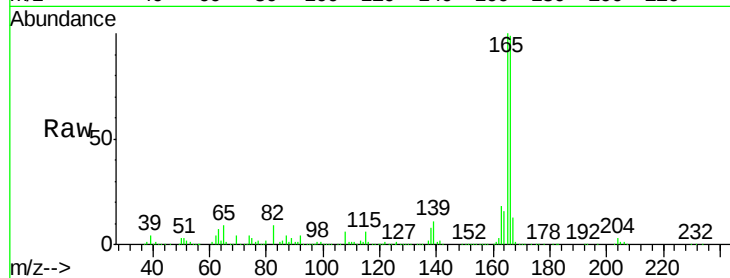
Tot Ion:166 Resp: 566778

Ion Ratio Lower Upper

166 100

165 100.7 80.6 121.0

167 13.2 10.4 15.6

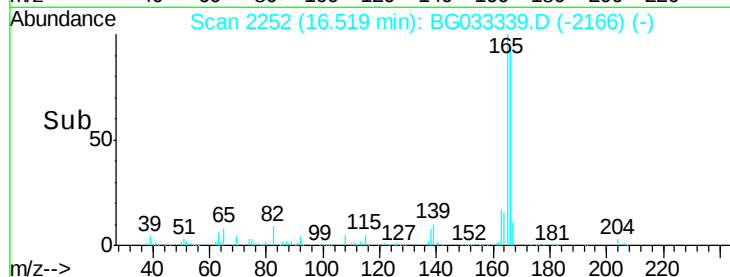


Abundance Ion 166.00 (165.70 to 166.70): E

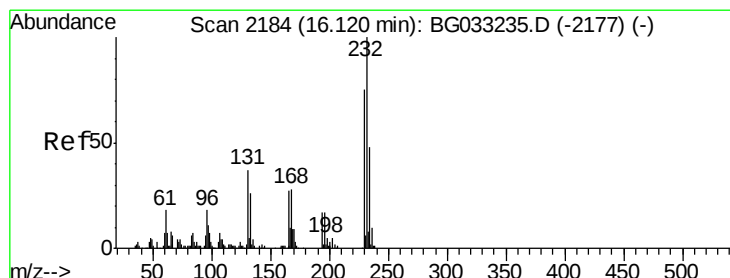
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

16.52



Time--> 16.40 16.50 16.60



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.291 ng

RT: 16.09 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Tgt Ion:232 Resp: 183214

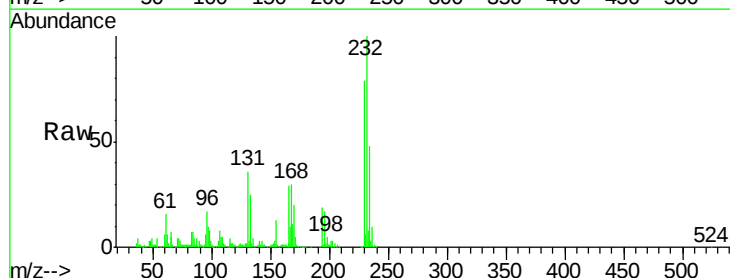
Ion Ratio Lower Upper

232 100

131 35.6 33.5 50.3

130 2.6 2.2 3.2

166 29.0 24.8 37.2



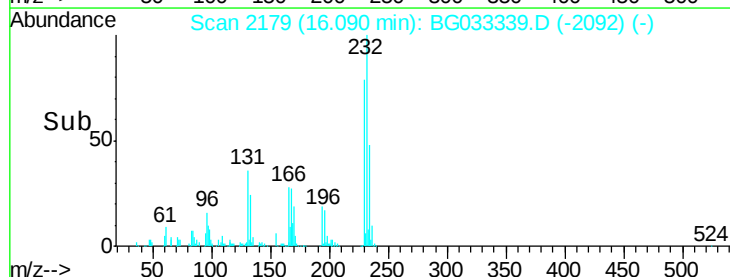
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

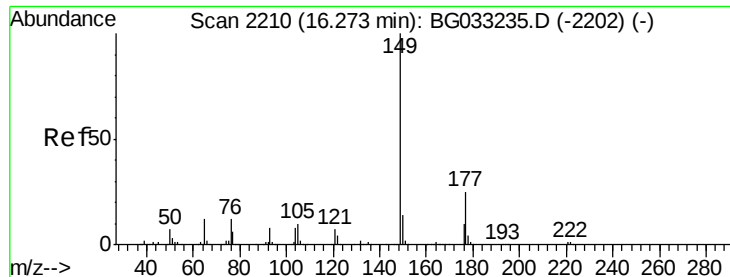
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

16.09



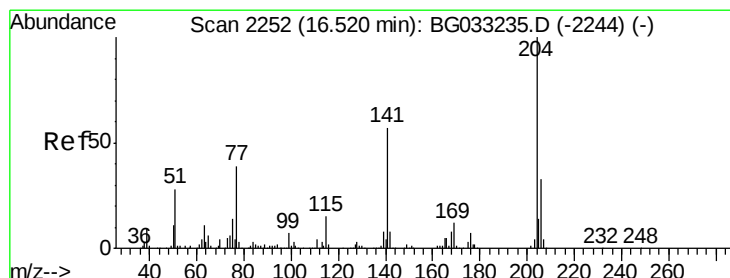
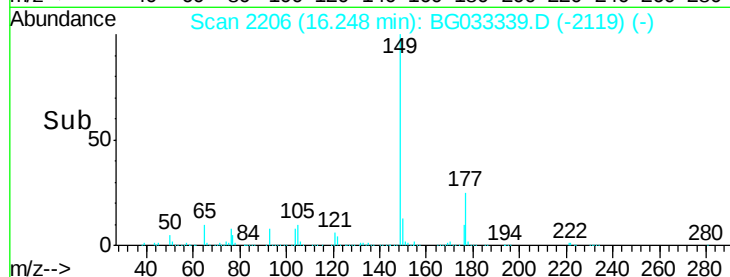
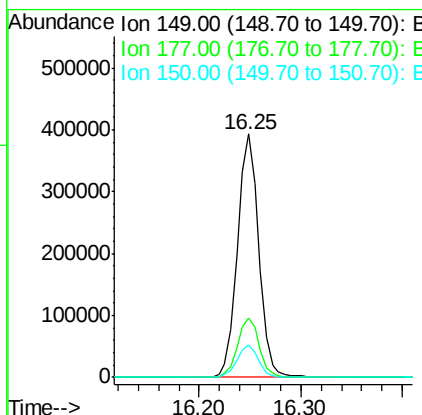
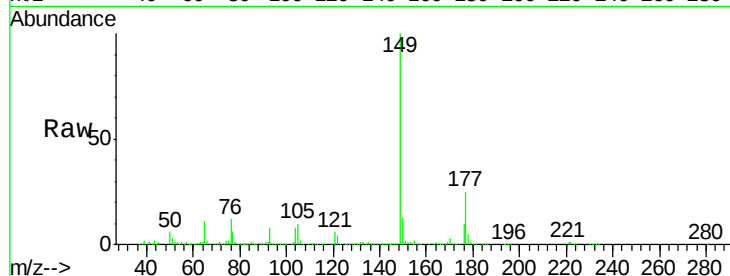
Time--> 16.00 16.10 16.20



#59
Diethylphthalate
Concen: 47.948 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

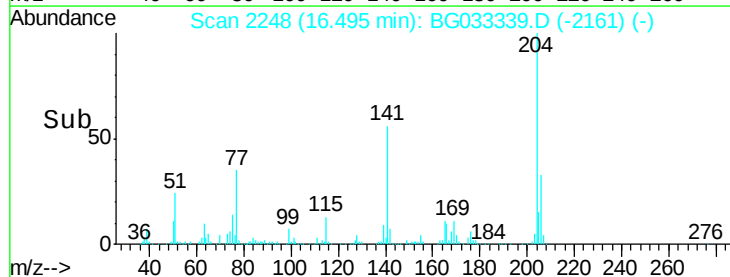
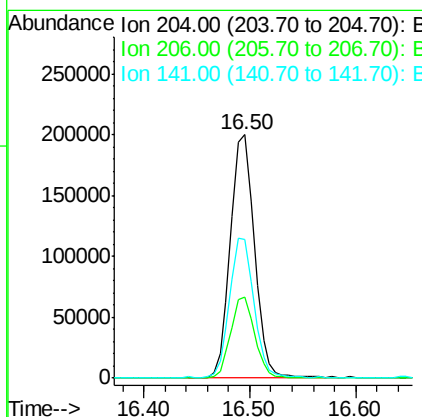
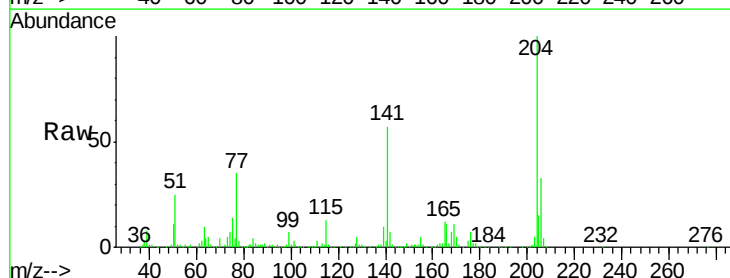
Instrument :
BNA_G
ClientSampleId :

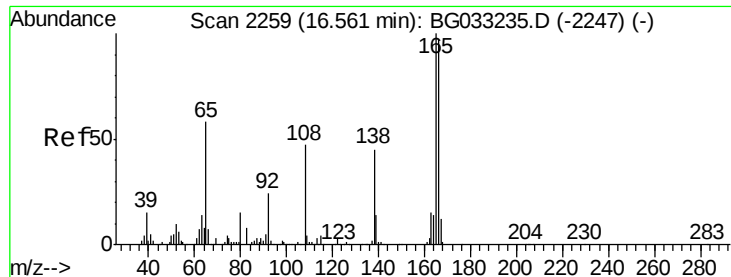
Tot Ion:149 Resp: 573321
Ion Ratio Lower Upper
149 100
177 24.6 18.5 27.7
150 13.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 48.354 ng
RT: 16.50 min Scan# 2248
Delta R.T. -0.02 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion:204 Resp: 315482
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 56.7 45.8 68.6





#61

4-Nitroaniline

Concen: 42.040 ng

RT: 16.54 min Scan# 2255

Delta R.T. -0.02 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampleId :

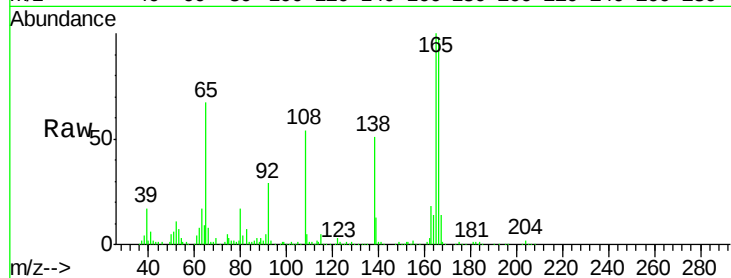
Tot Ion:138 Resp: 112381

Ion Ratio Lower Upper

138 100

92 56.3 40.1 80.1

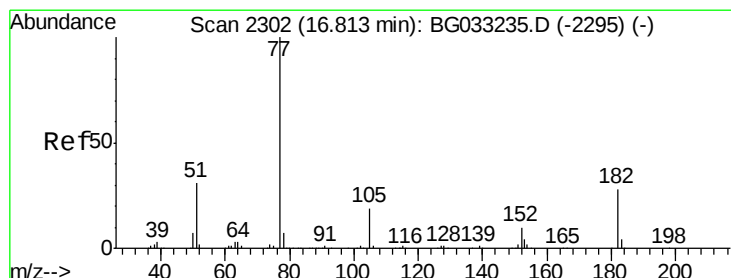
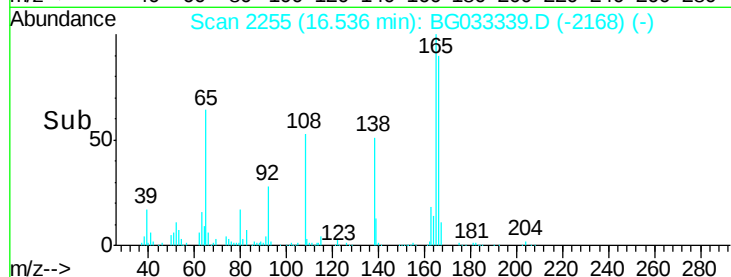
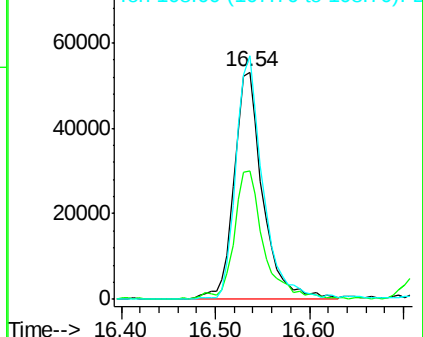
108 107.1 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.523 ng

RT: 16.79 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Tgt Ion: 77 Resp: 538872

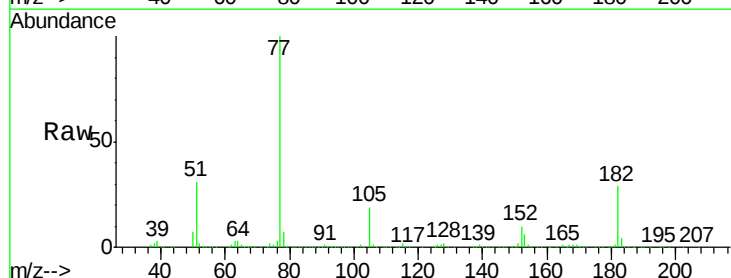
Ion Ratio Lower Upper

77 100

182 28.8 7.4 47.4

105 19.2 0.3 40.3

51 30.7 11.6 51.6

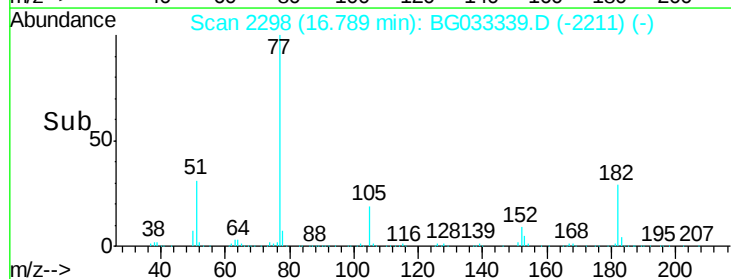
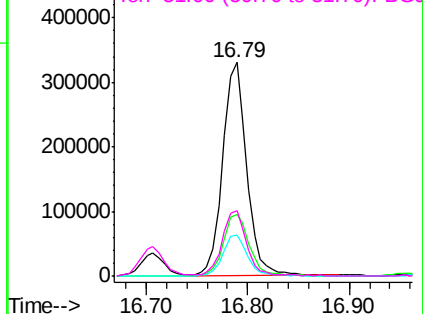


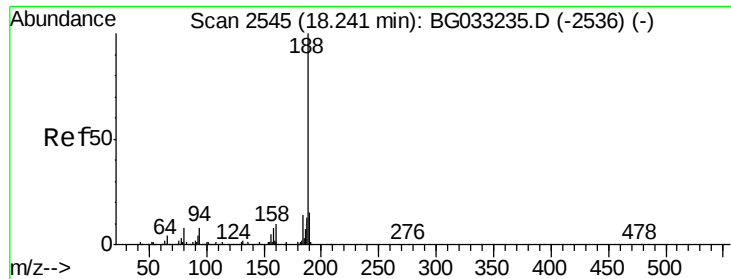
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

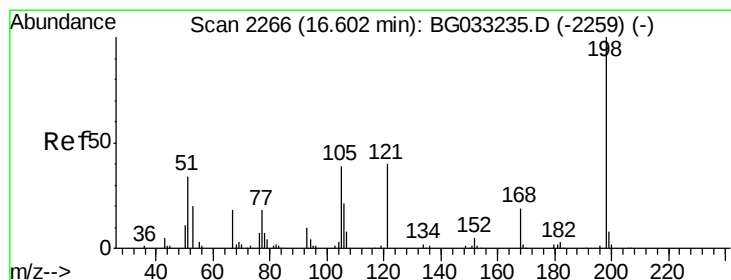
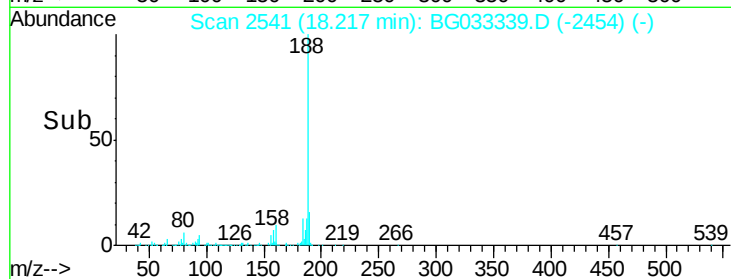
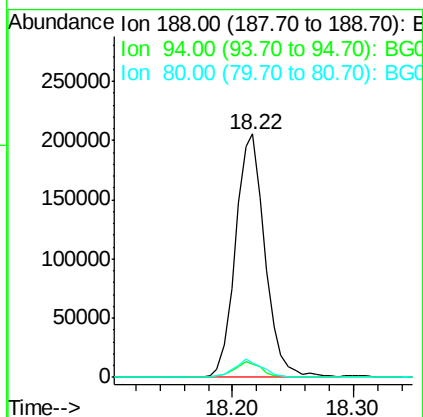
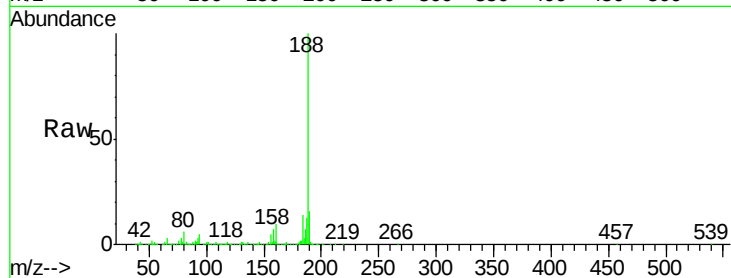




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.22 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

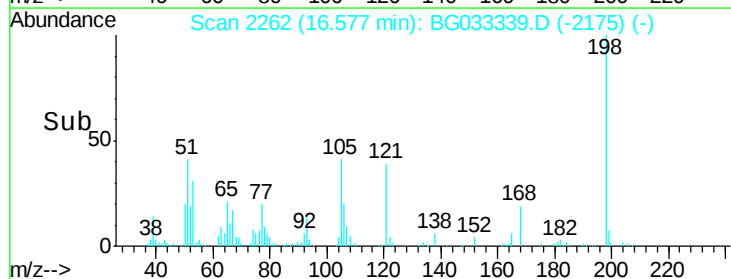
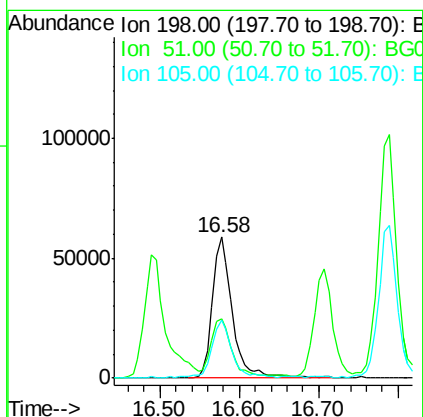
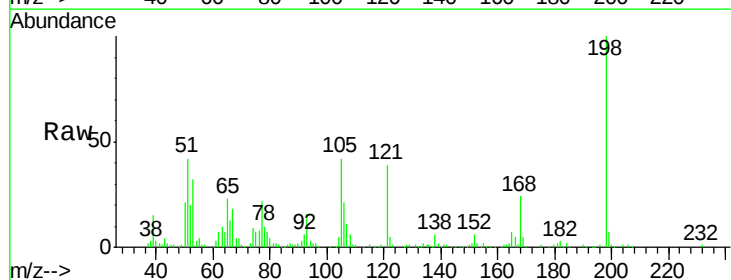
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 348901
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 5.9 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 49.313 ng
RT: 16.58 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion:198 Resp: 102928
Ion Ratio Lower Upper
198 100
51 42.2 30.6 70.6
105 41.6 23.8 63.8

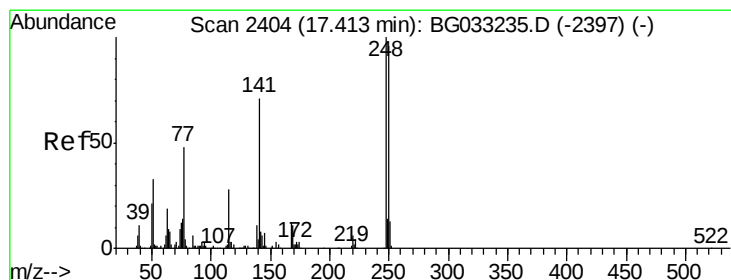
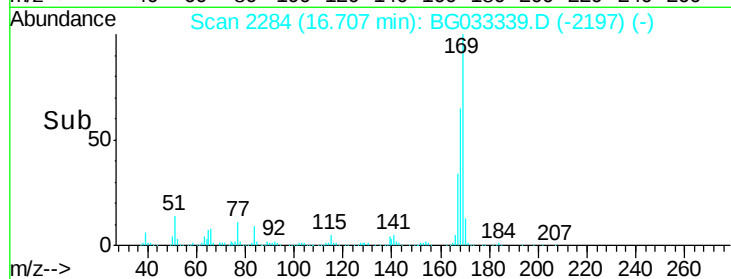
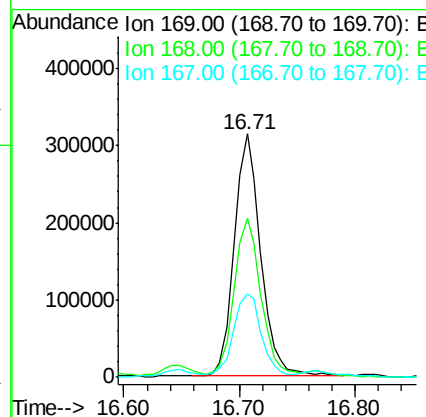
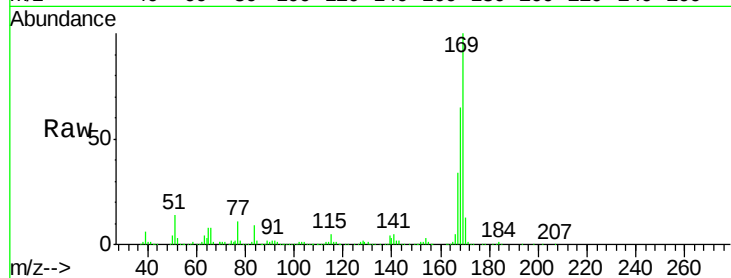




#65
n-Nitrosodiphenylamine
Concen: 49.056 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

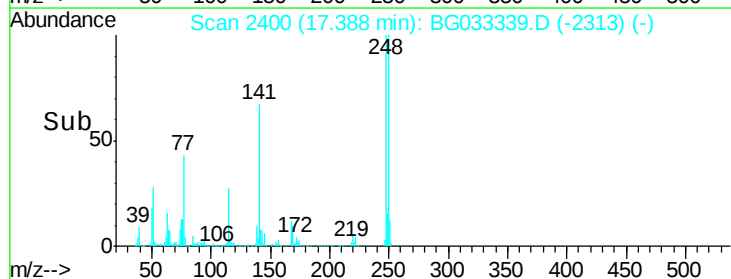
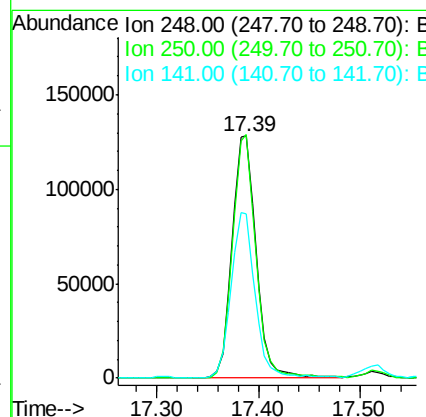
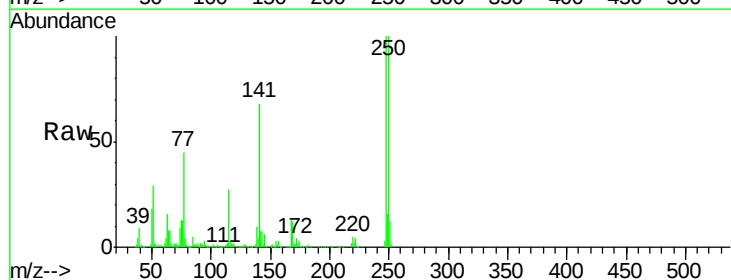
Instrument :
BNA_G
ClientSampleId :

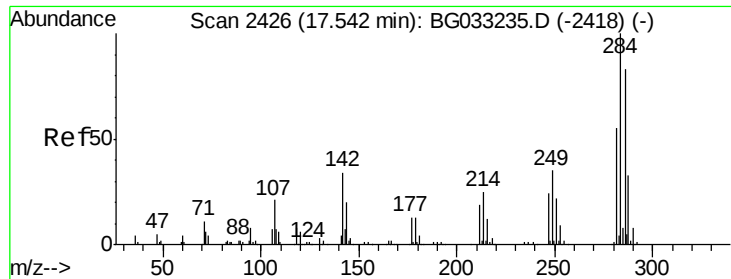
Tot Ion	169	Resp	488633
Ion Ratio	100		
Lower	55.7		
Upper	83.5		
168	65.2		
167	34.3		



#66
4-Bromophenyl-phenylether
Concen: 51.632 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.02 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion	248	Resp	211562
Ion Ratio	100		
Lower	77.1		
Upper	115.7		
250	100.5		
141	67.9		

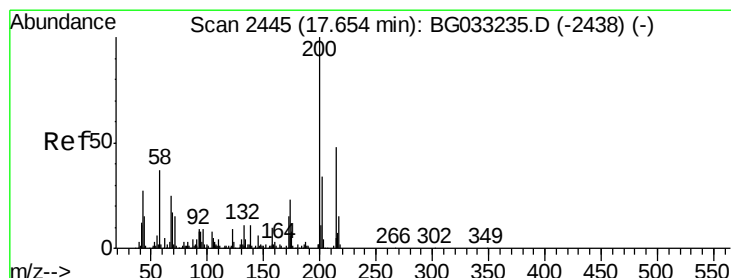
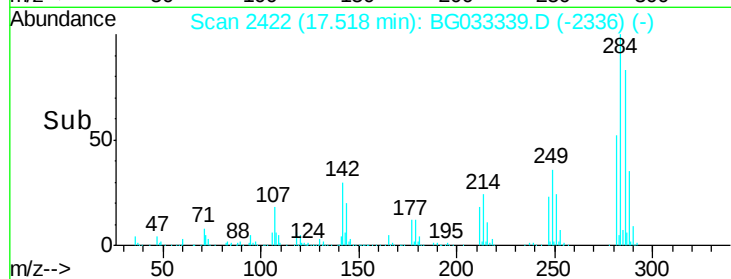
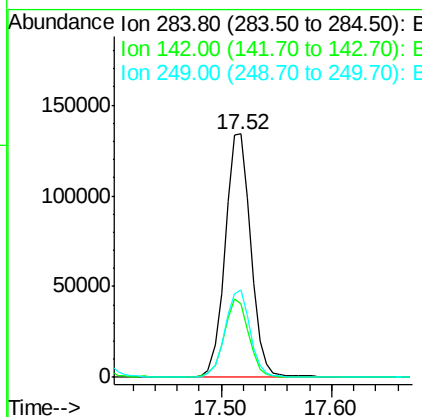
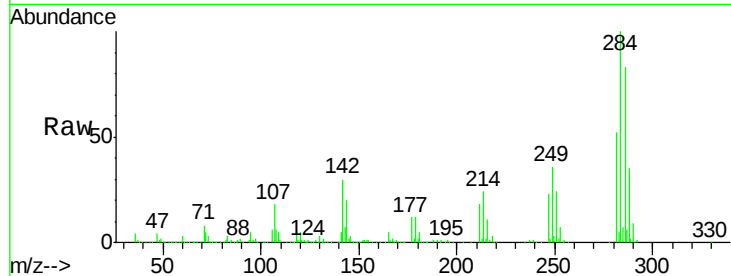




#67
Hexachlorobenzene
Concen: 50.587 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

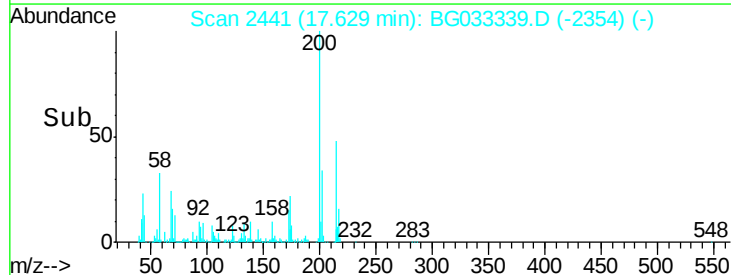
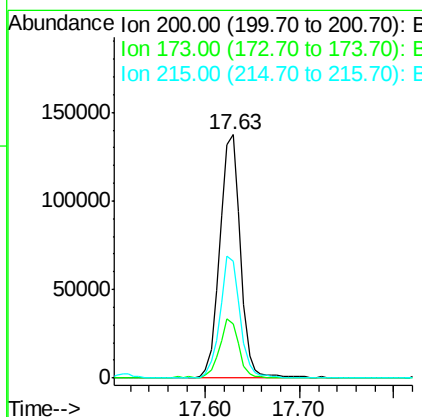
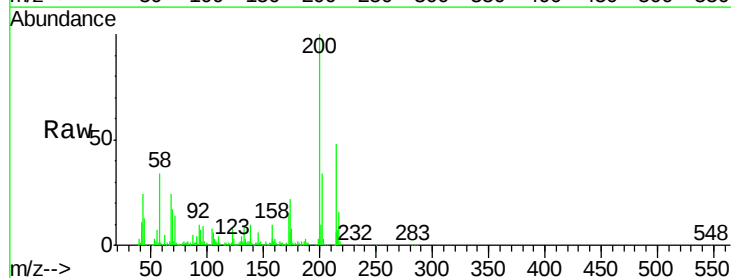
Instrument :
BNA_G
ClientSampleId :

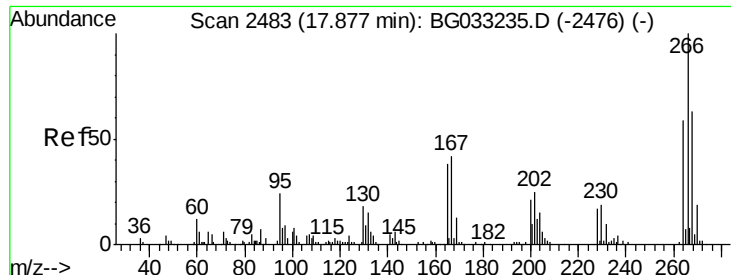
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.0	26.8	40.2
249	36.0	26.3	39.5



#68
Atrazine
Concen: 52.258 ng
RT: 17.63 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.3	5.2	45.2
215	48.0	30.4	70.4

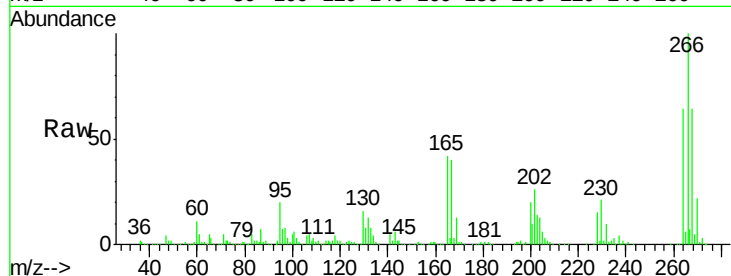




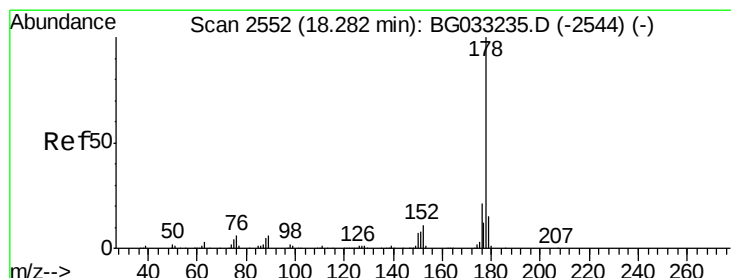
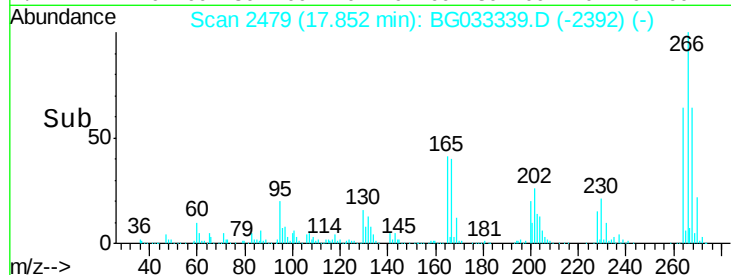
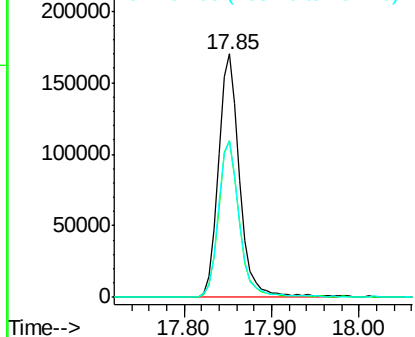
#69
 Pentachlorophenol
 Concen: 96.115 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:266 Resp: 285273
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.1 76.7
 264 64.1 49.6 74.4

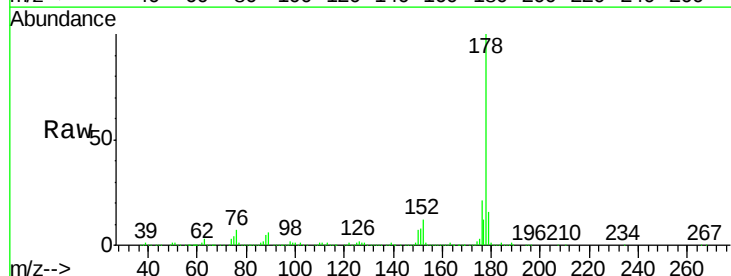


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

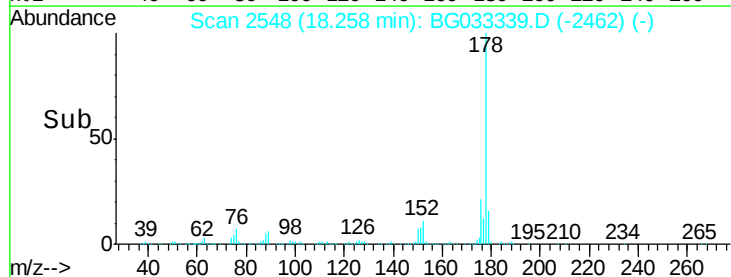
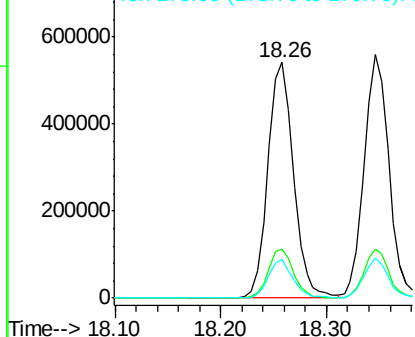


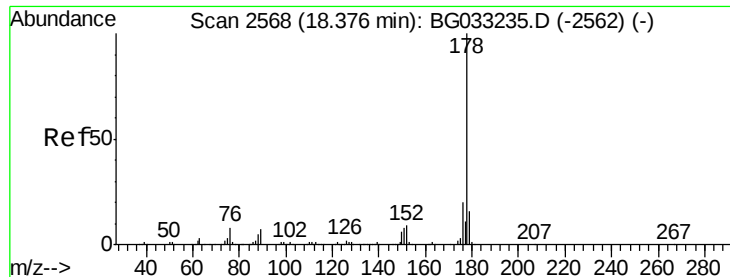
#70
 Phenanthrene
 Concen: 49.997 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.03 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

Tgt Ion:178 Resp: 908491
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.7 23.5
 179 16.2 12.5 18.7



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

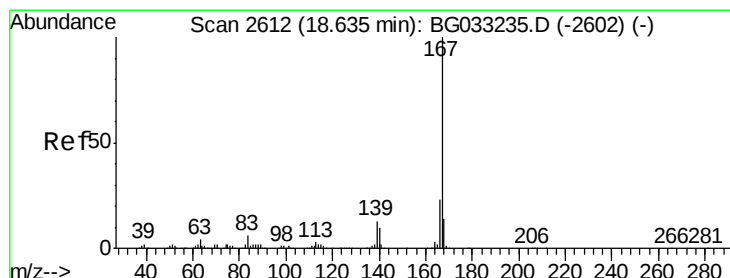
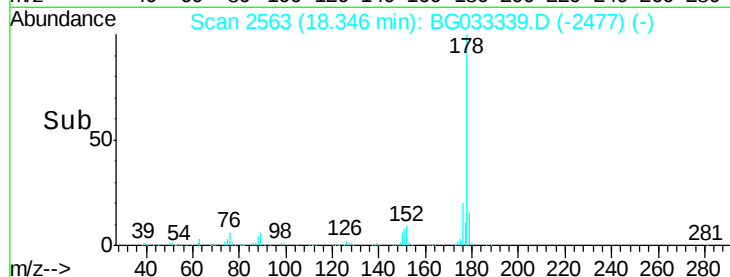
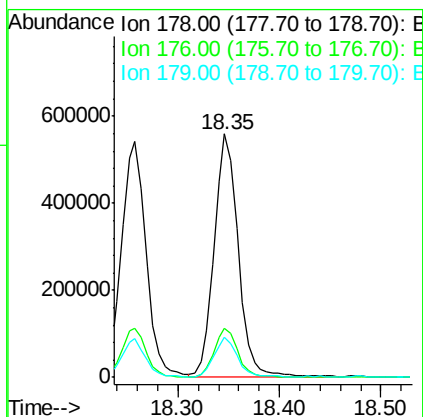
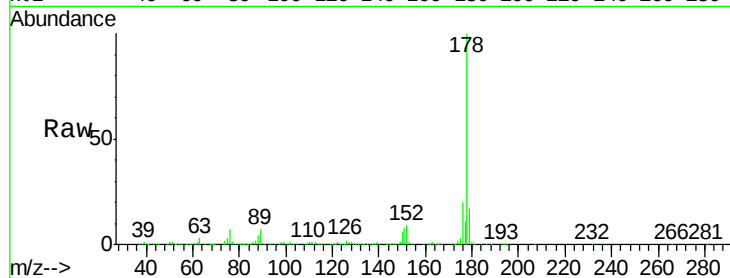




#71
 Anthracene
 Concen: 49.934 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. -0.03 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

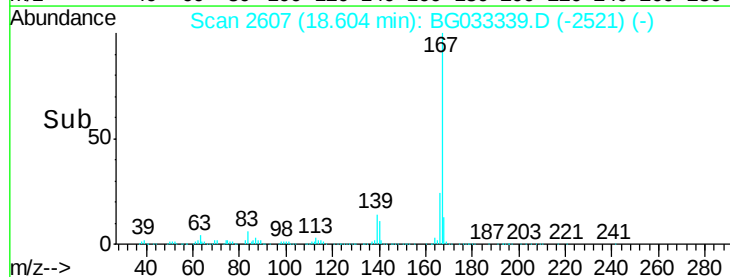
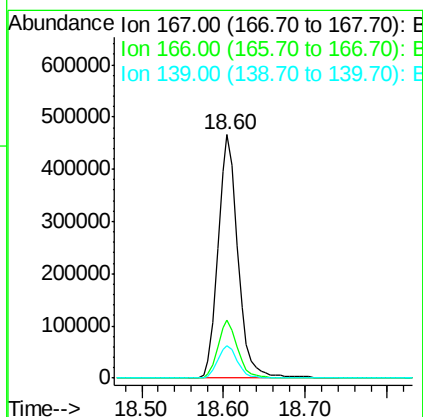
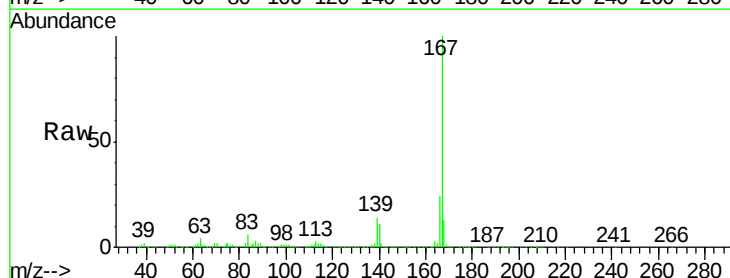
Instrument :
 BNA_G
 ClientSampleId :

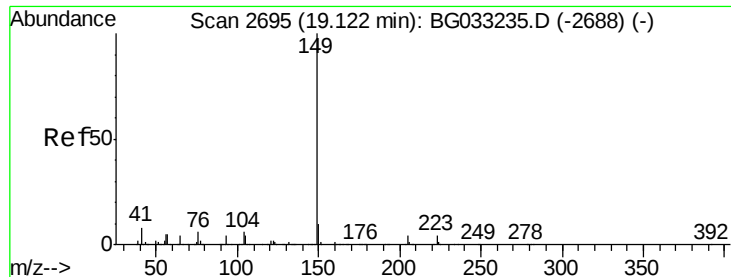
Tot Ion:178 Resp: 918706
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.5 12.5 18.7



#72
 Carbazole
 Concen: 48.153 ng
 RT: 18.60 min Scan# 2607
 Delta R.T. -0.03 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

Tgt Ion:167 Resp: 785070
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.2 27.4
 139 13.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 49.205 ng

RT: 19.10 min Scan# 2691

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampled :

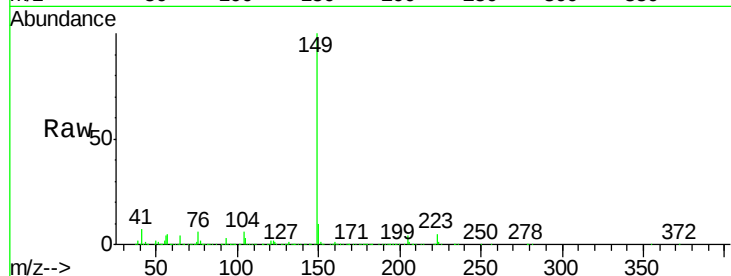
Tot Ion:149 Resp: 933737

Ion Ratio Lower Upper

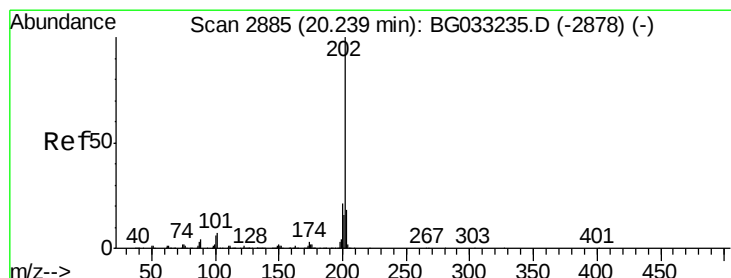
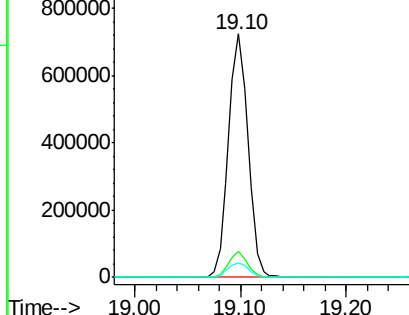
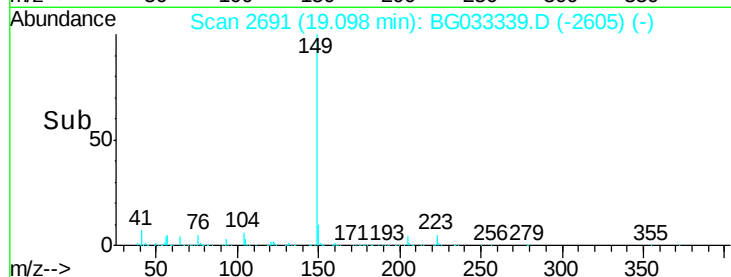
149 100

150 10.5 7.8 11.6

104 5.9 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.126 ng

RT: 20.21 min Scan# 2880

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

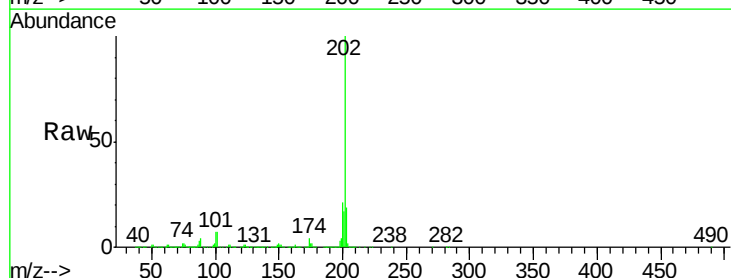
Tgt Ion:202 Resp: 1104657

Ion Ratio Lower Upper

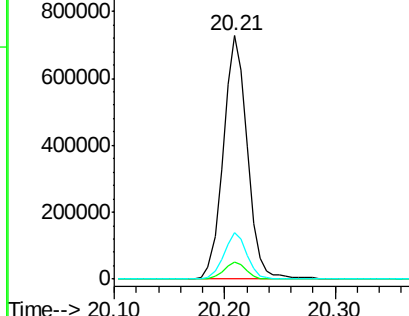
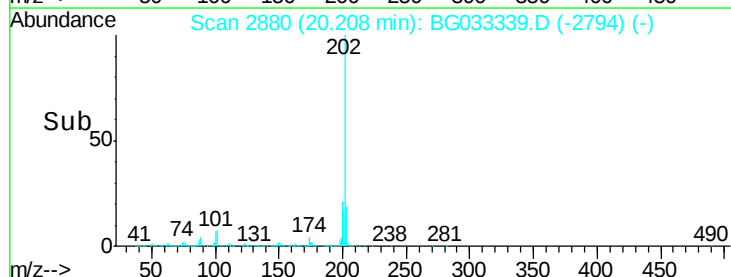
202 100

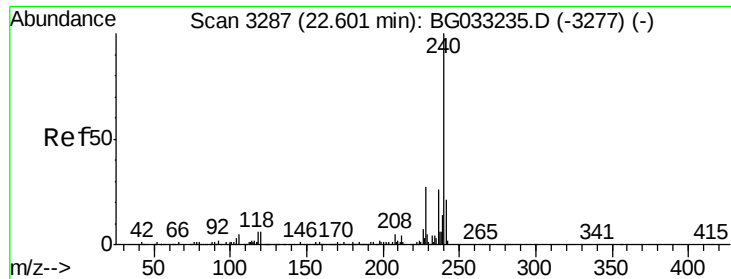
101 7.2 0.0 28.9

203 18.9 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
1000000
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: 22.56 min Scan# 3280

Delta R.T. -0.04 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampleId :

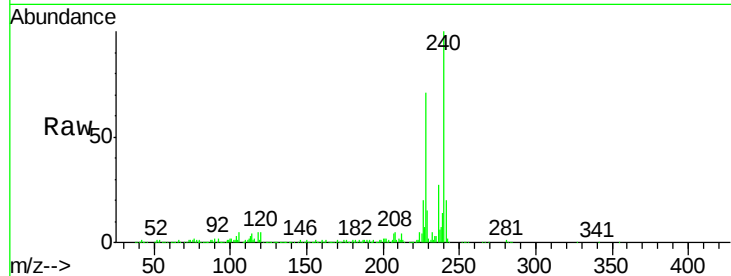
Tot Ion:240 Resp: 366128

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

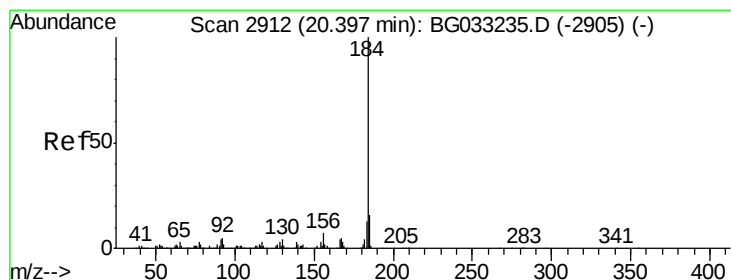
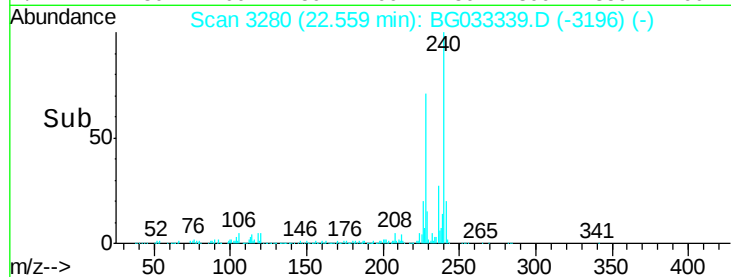
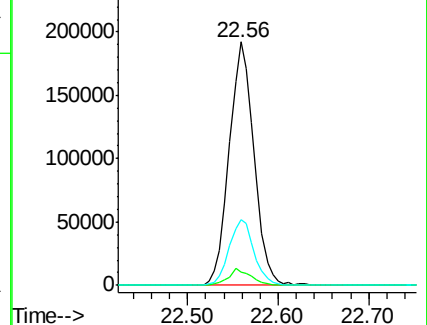
236 27.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.257 ng

RT: 20.37 min Scan# 2907

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

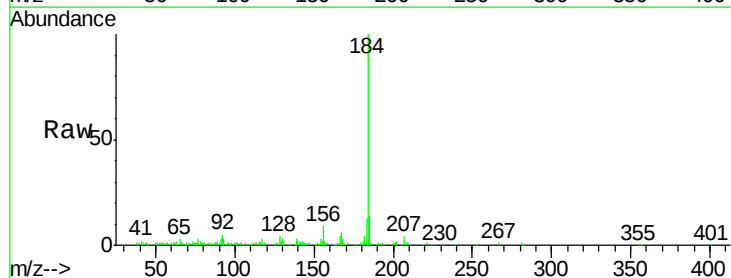
Tgt Ion:184 Resp: 111774

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

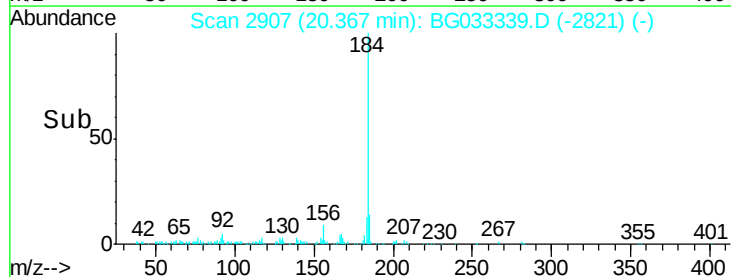
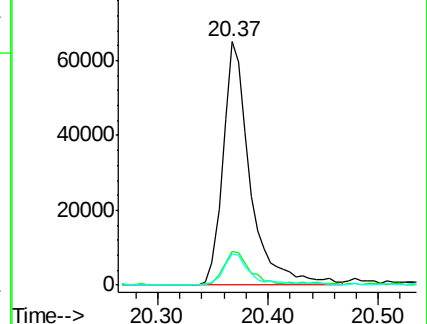
183 12.9 10.6 16.0

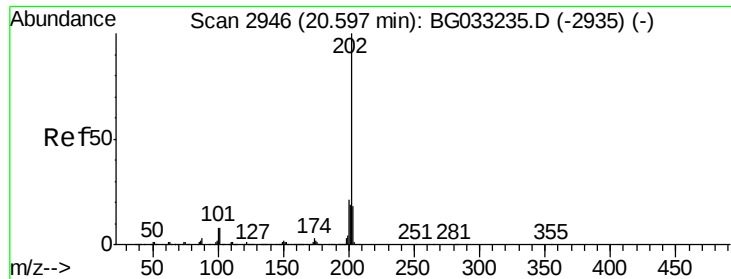


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

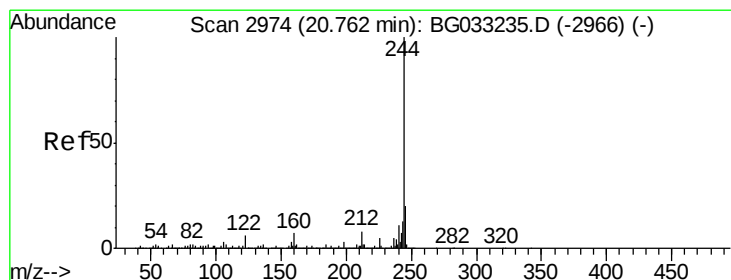
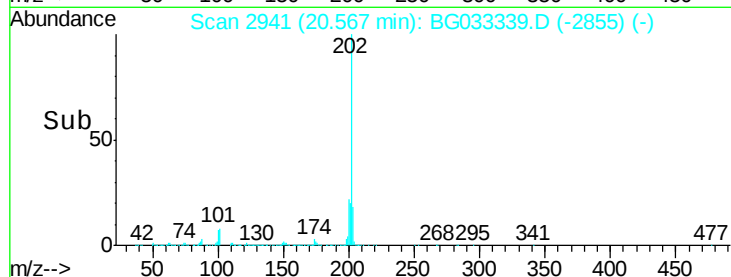
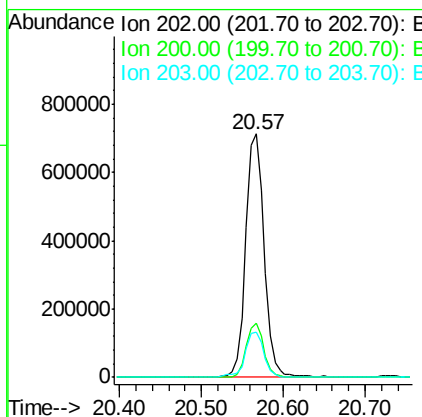
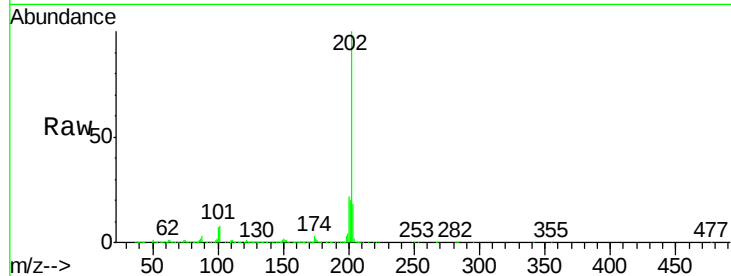




#77
Pvrene
Concen: 45.736 ng
RT: 20.57 min Scan# 2941
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

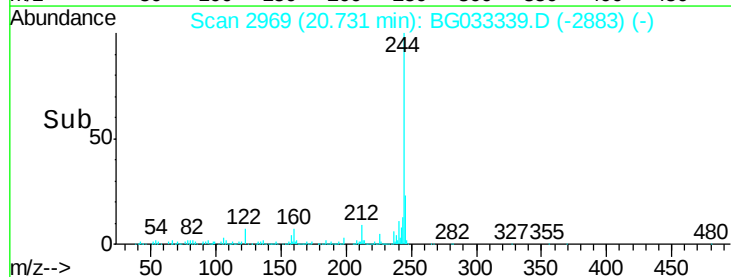
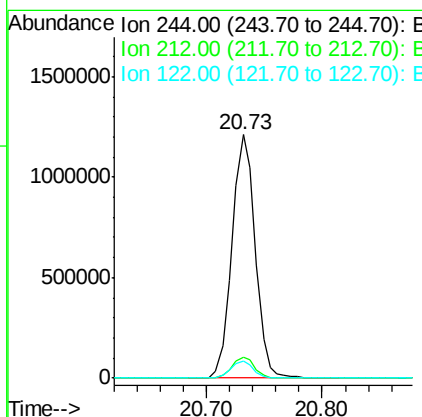
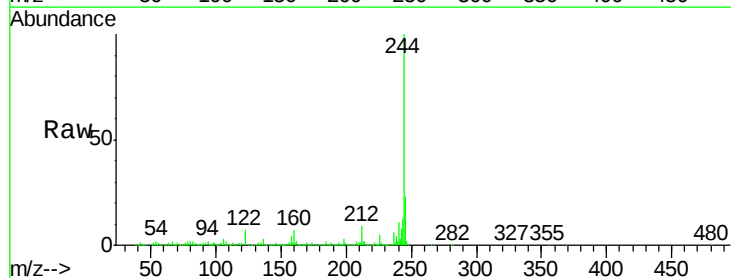
Instrument :
BNA_G
ClientSampleId :

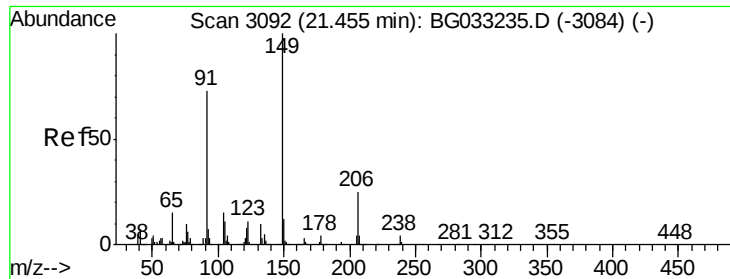
Tot Ion:202 Resp: 1116800
Ion Ratio Lower Upper
202 100
200 22.2 16.9 25.3
203 18.3 13.9 20.9



#78
Terphenyl-d14
Concen: 98.677 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion:244 Resp: 1689344
Ion Ratio Lower Upper
244 100
212 8.8 5.8 8.8#
122 7.1 7.0 10.4

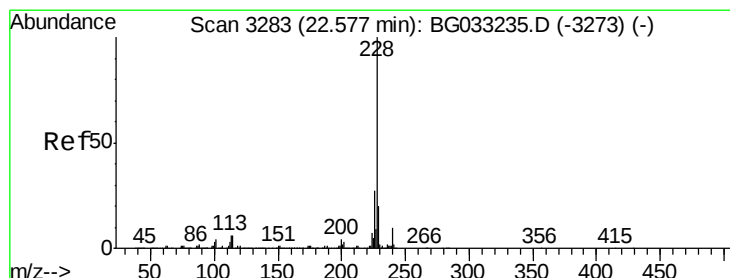
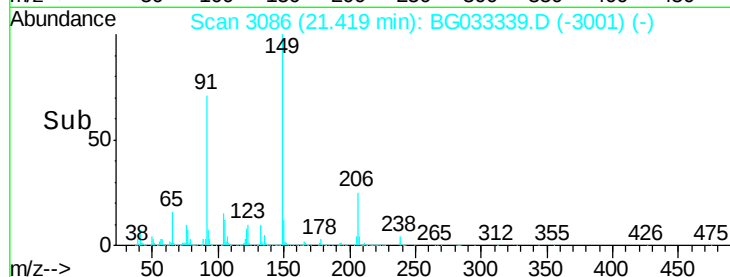
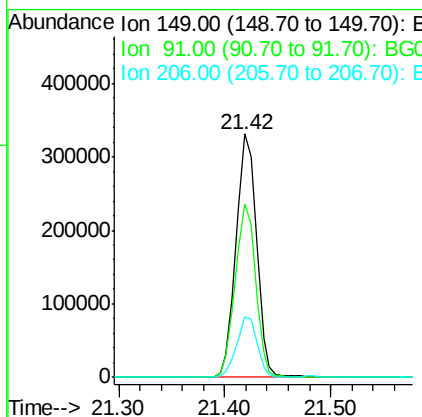
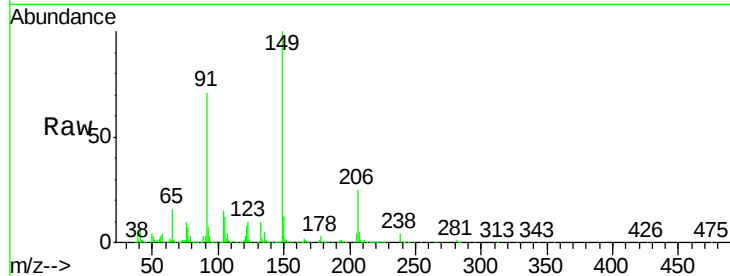




#79
Butylbenzylphthalate
Concen: 49.415 ng
RT: 21.42 min Scan# 3086
Delta R.T. -0.03 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

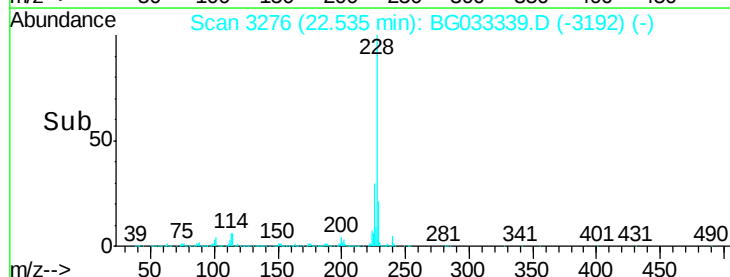
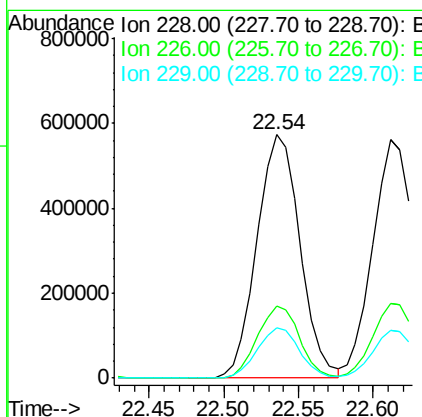
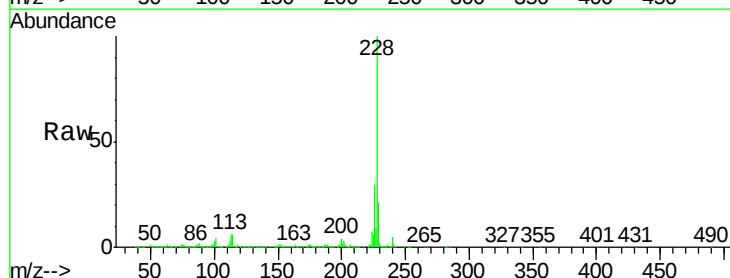
Instrument :
BNA_G
ClientSampled :

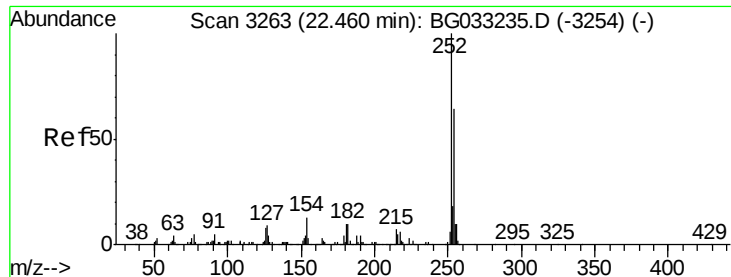
Tot Ion:149 Resp: 445283
Ion Ratio Lower Upper
149 100
91 71.1 62.2 93.2
206 24.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 49.266 ng
RT: 22.54 min Scan# 3276
Delta R.T. -0.04 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion:228 Resp: 1148561
Ion Ratio Lower Upper
228 100
226 29.7 22.7 34.1
229 20.7 16.2 24.2

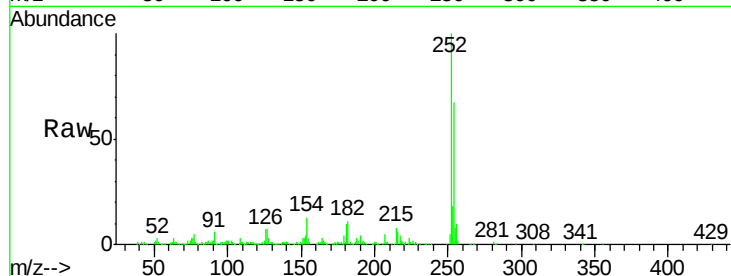




#81
 3,3'-Dichlorobenzidine
 Concen: 31.935 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. -0.03 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.8	50.8	76.2
126	7.4	7.4	11.2#

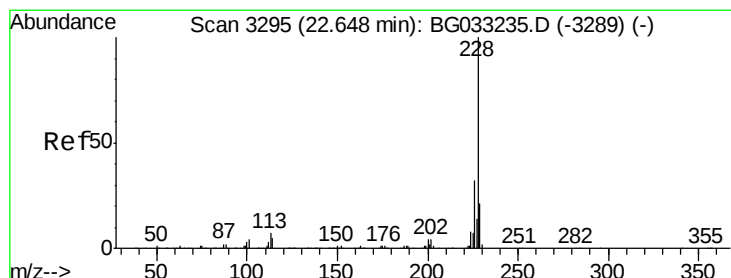
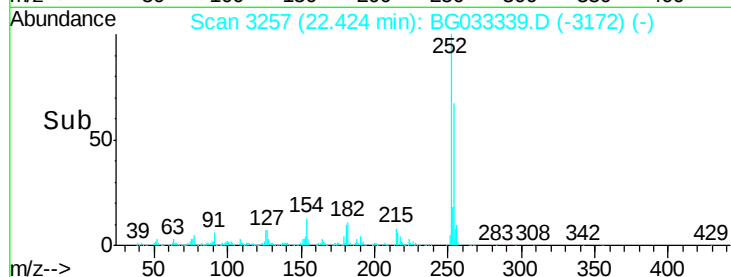
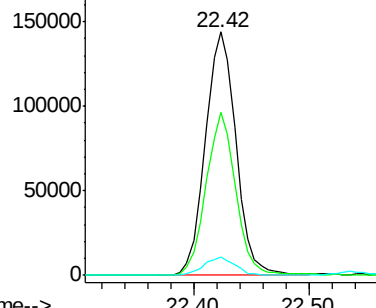


Abundance

Ion 252.00 (251.70 to 252.70): E

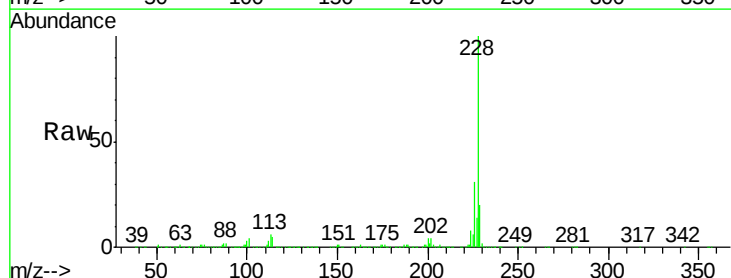
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 48.078 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.04 min
 Lab File: BG033339.D
 Acq: 26 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.2	15.0	22.4

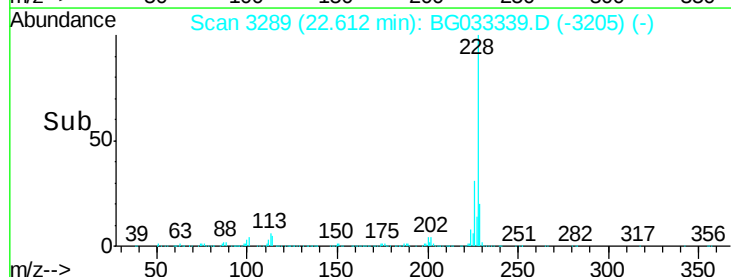
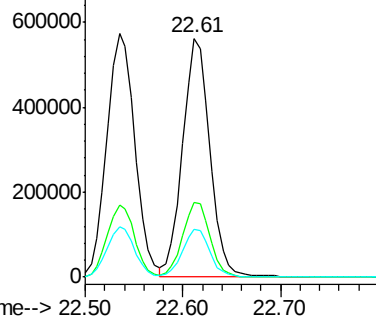


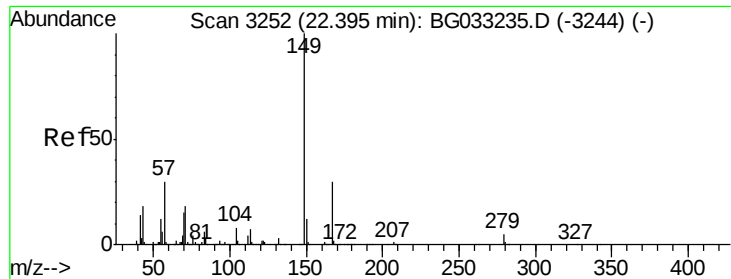
Abundance

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: 49.709 ng

RT: 22.36 min Scan# 3246

Delta R.T. -0.03 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

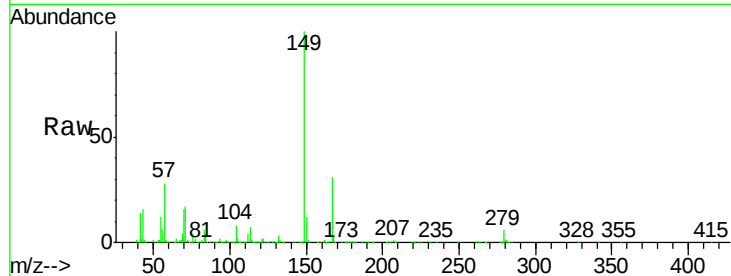
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 617470

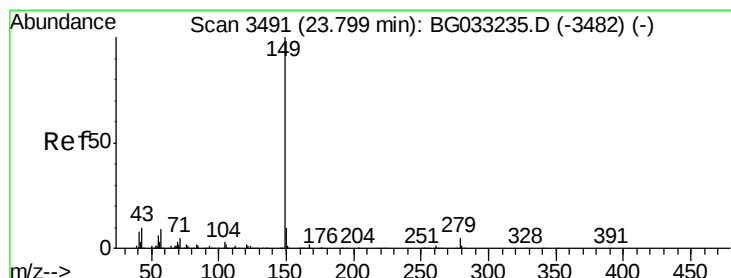
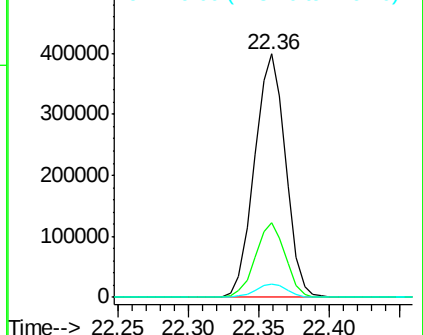
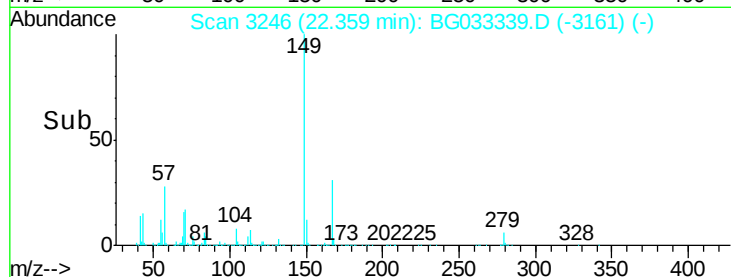
Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.3	36.5
279	5.6	4.0	6.0



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: 56.305 ng

RT: 23.75 min Scan# 3483

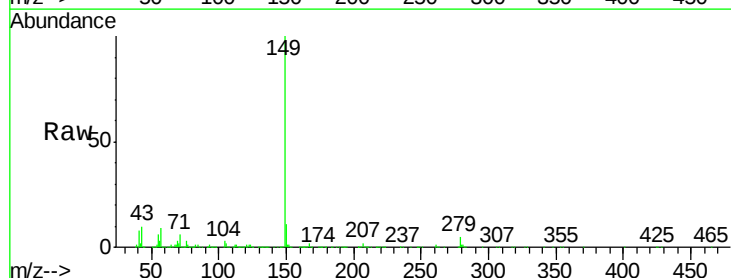
Delta R.T. -0.05 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Tgt Ion:149 Resp: 1070880

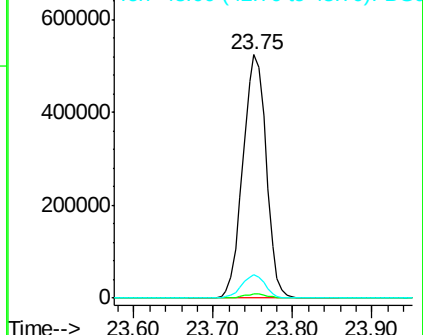
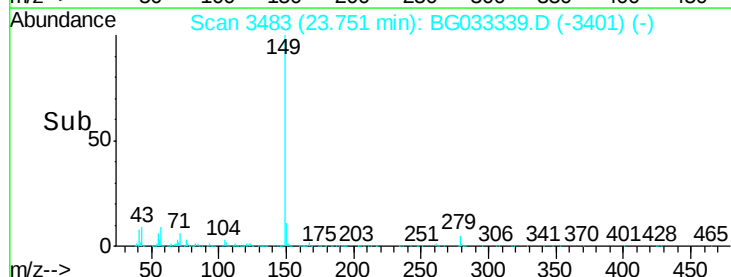
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.5	8.9	13.3

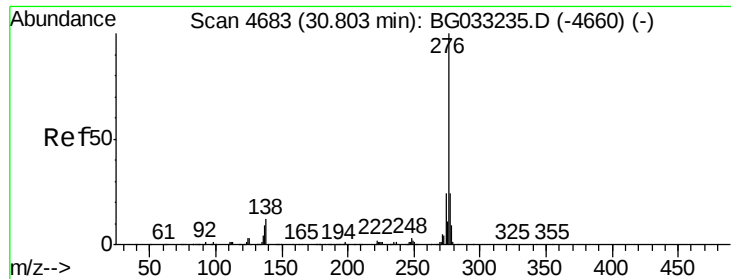


Abundance Ion 149.00 (148.70 to 149.70): E

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: 55.390 ng

RT: 30.70 min Scan# 4666

Delta R.T. -0.10 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampleId :

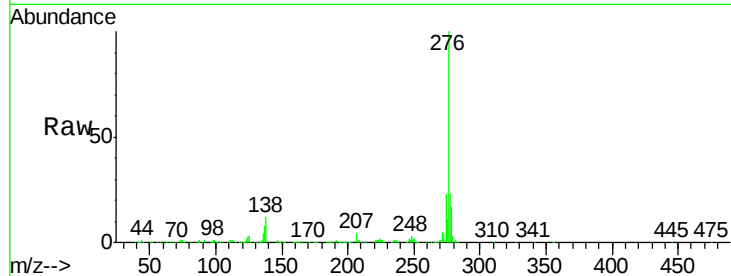
Tot Ion:276 Resp: 1351505

Ion Ratio Lower Upper

276 100

138 9.3 16.0 24.0#

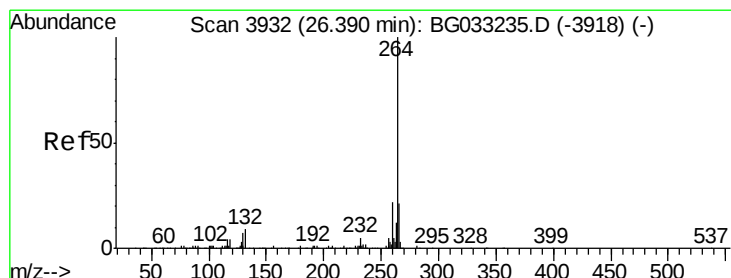
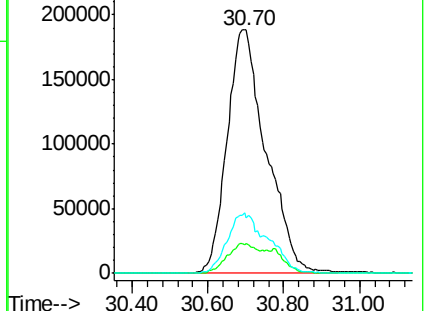
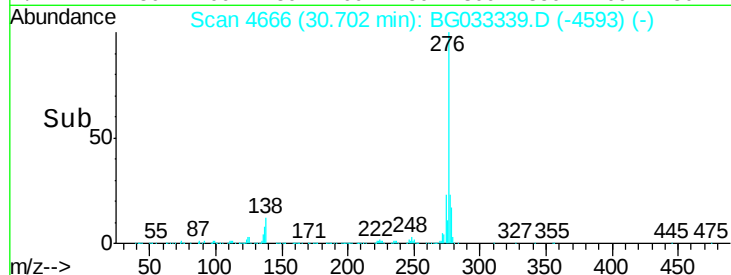
277 26.0 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. -0.07 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

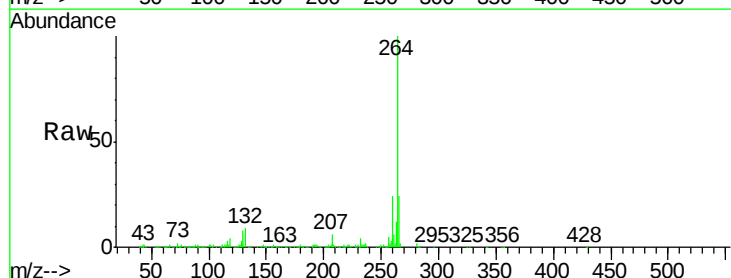
Tgt Ion:264 Resp: 393520

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

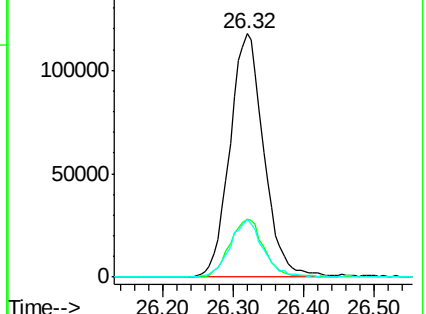
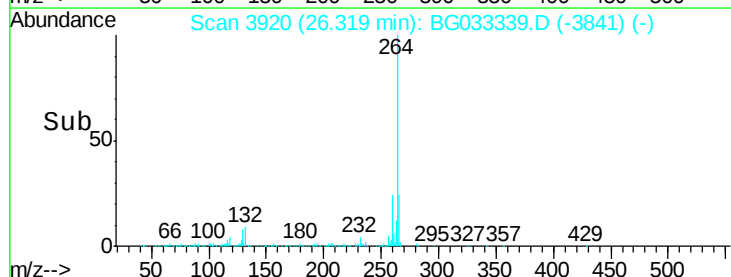
265 23.8 17.7 26.5

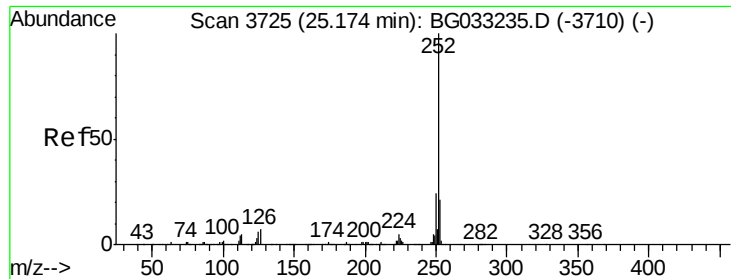


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

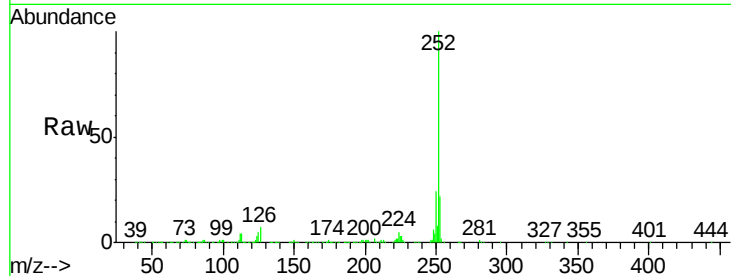




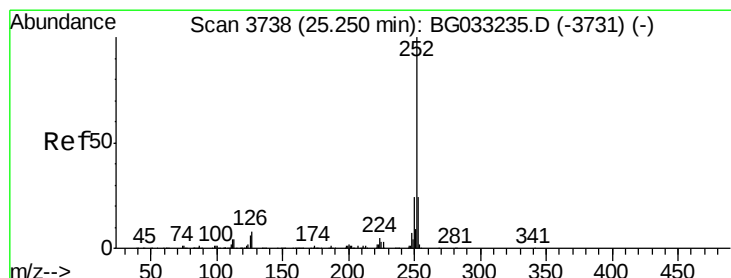
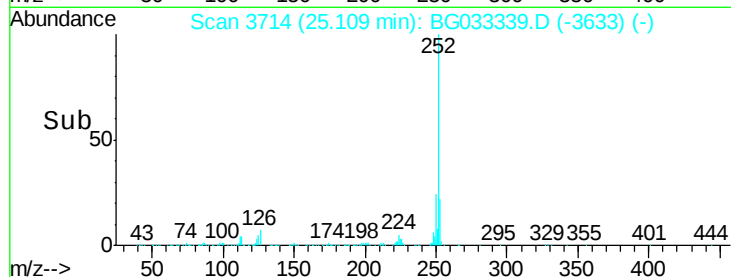
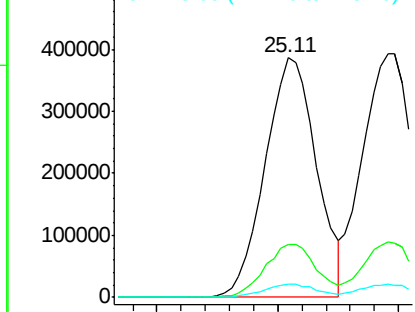
#87
Benzo(b)fluoranthene
Concen: 50.174 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.06 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1140723
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 5.5 7.2 10.8#

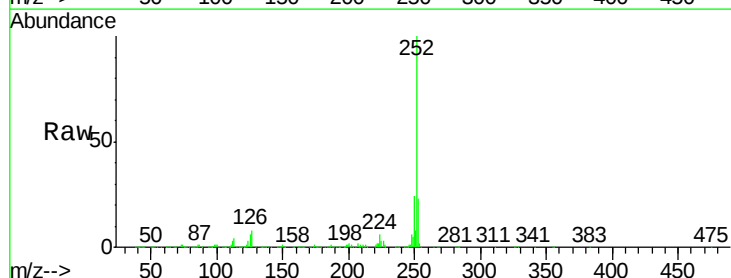


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

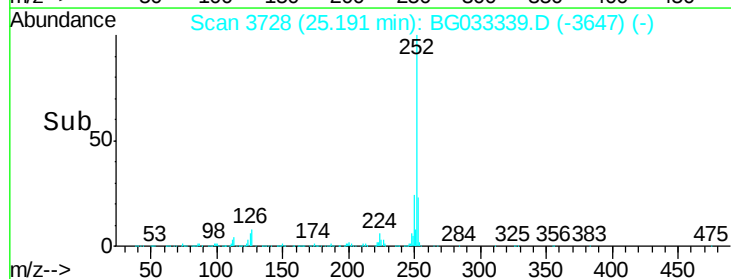
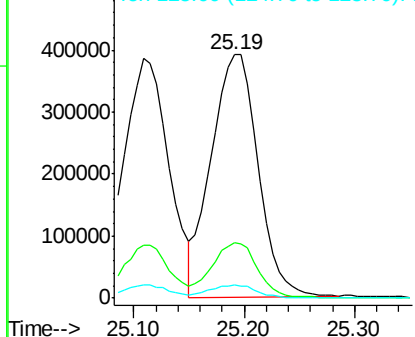


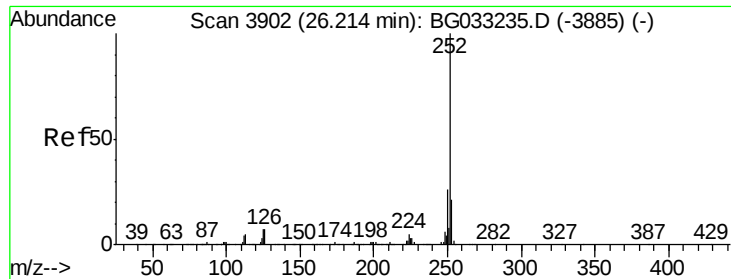
#88
Benzo(k)fluoranthene
Concen: 50.126 ng
RT: 25.19 min Scan# 3728
Delta R.T. -0.06 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion:252 Resp: 1152621
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 5.7 6.6 9.8#



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

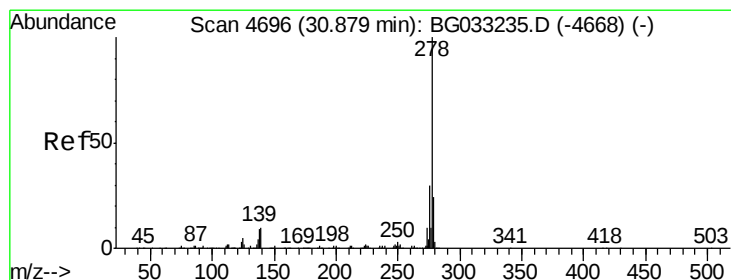
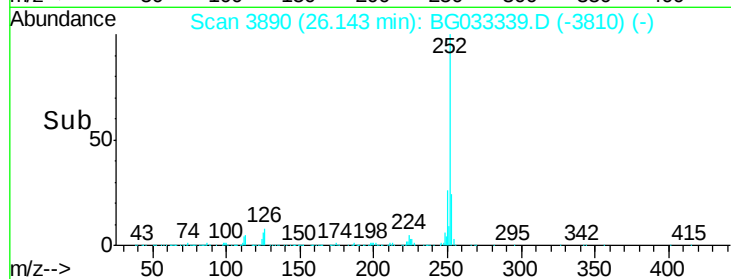
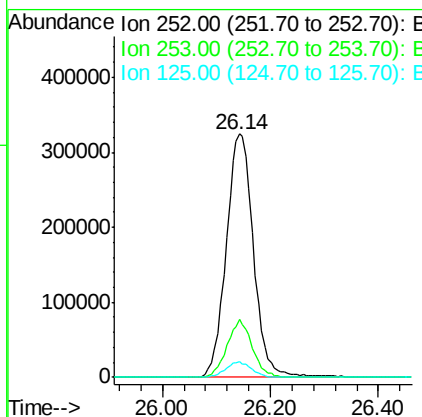
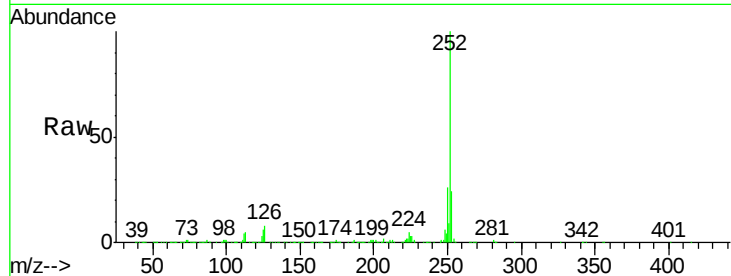




#89
Benzo(a)pyrene
Concen: 52.319 ng
RT: 26.14 min Scan# 3890
Delta R.T. -0.06 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

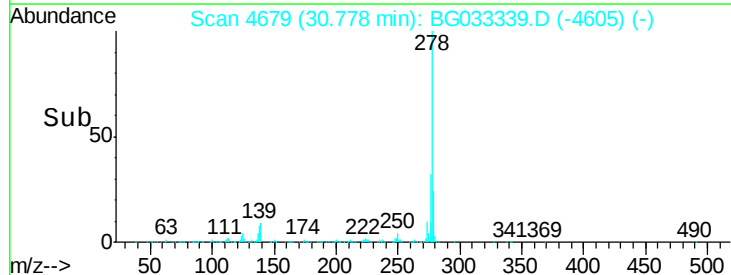
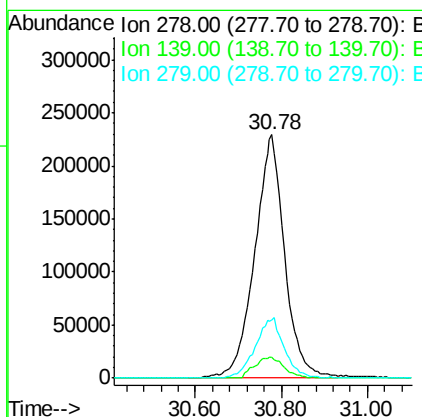
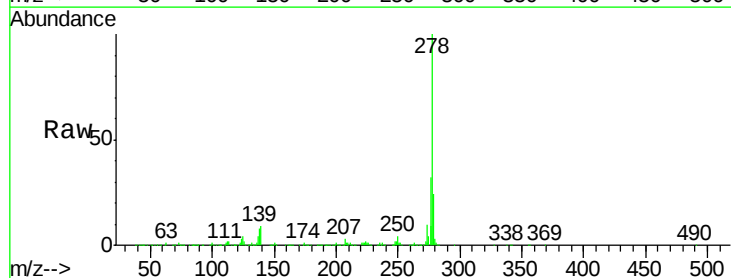
Instrument :
BNA_G
ClientSampleId :

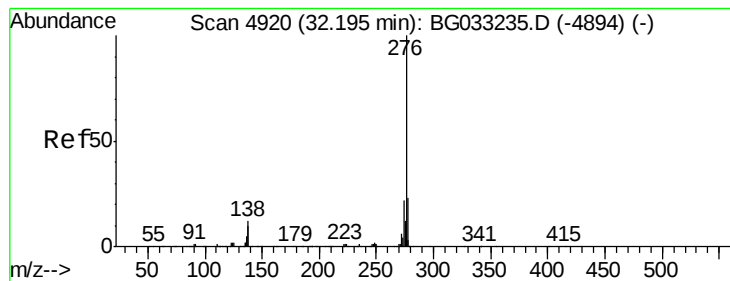
Tot Ion:252 Resp: 1142311
Ion Ratio Lower Upper
252 100
253 23.7 18.3 27.5
125 6.4 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 55.000 ng
RT: 30.78 min Scan# 4679
Delta R.T. -0.10 min
Lab File: BG033339.D
Acq: 26 Mar 2018 21:10

Tgt Ion:278 Resp: 1131154
Ion Ratio Lower Upper
278 100
139 8.5 9.8 14.6#
279 23.9 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 54.353 ng

RT: 32.08 min Scan# 4900

Delta R.T. -0.12 min

Lab File: BG033339.D

Acq: 26 Mar 2018 21:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1106941

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 13.6 13.9 20.9#

