

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041350.D
 Acq On : 20 Jun 2019 6:53
 Operator : HP/JU
 Sample : K3368-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 20 08:17:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37312	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	148960	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	104859	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	258383	20.00	ng	0.00
76) Chrysene-d12	21.75	240	253155	20.00	ng	0.00
87) Perylene-d12	25.06	264	249006	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	240231	118.30	ng	0.00
7) Phenol-d6	7.24	99	325608	110.62	ng	0.00
23) Nitrobenzene-d5	9.26	82	308127	86.99	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	201820	125.37	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	696995	90.34	ng	0.00
79) Terphenyl-d14	20.06	244	1202974	94.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	29103	28.581	ng	# 26
3) Pyridine	3.89	79	87977	32.568	ng	94
4) n-Nitrosodimethylamine	3.80	42	54325	37.711	ng	99
6) Aniline	7.41	93	66365	16.221	ng	97
8) 2-Chlorophenol	7.64	128	98893	41.446	ng	98
9) Benzaldehyde	7.22	77	23656	12.565	ng	93
10) Phenol	7.27	94	113012	35.704	ng	98
11) bis(2-Chloroethyl)ether	7.50	93	101893	42.426	ng	98
12) 1,3-Dichlorobenzene	7.96	146	122130	40.879	ng	94
13) 1,4-Dichlorobenzene	8.12	146	124935	40.938	ng	95
14) 1,2-Dichlorobenzene	8.43	146	120609	41.377	ng	97
15) Benzyl Alcohol	8.32	79	109410	38.795	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	157692	40.109	ng	96
17) 2-Methylphenol	8.52	107	86028	38.016	ng	95
18) Hexachloroethane	9.16	117	47071	38.923	ng	95
19) n-Nitroso-di-n-propylamine	8.89	70	96907	40.706	ng	98
20) 3+4-Methylphenols	8.86	107	121646	40.380	ng	97
22) Acetophenone	8.92	105	187097	43.162	ng	96
24) Nitrobenzene	9.30	77	156419	43.910	ng	97
25) Isophorone	9.82	82	273203	42.043	ng	96
26) 2-Nitrophenol	10.01	139	59651	41.304	ng	95
27) 2,4-Dimethylphenol	10.06	122	99022	45.742	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	140089	41.375	ng	97
29) 2,4-Dichlorophenol	10.55	162	117111	43.630	ng	95
30) 1,2,4-Trichlorobenzene	10.76	180	148871	43.306	ng	96
31) Naphthalene	10.95	128	363361	44.883	ng	98
32) Benzoic acid	10.06	122	99022	70.268	ng	# 11
33) 4-Chloroaniline	11.07	127	35929	10.450	ng	93
34) Hexachlorobutadiene	11.21	225	109662	40.188	ng	96
35) Caprolactam	11.86	113	25421	27.510	ng	95
36) 4-Chloro-3-methylphenol	12.18	107	132438	42.716	ng	97
37) 2-Methylnaphthalene	12.55	142	278380	46.687	ng	99
38) 1-Methylnaphthalene	12.77	142	257592	45.153	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	206731	47.745	ng	99

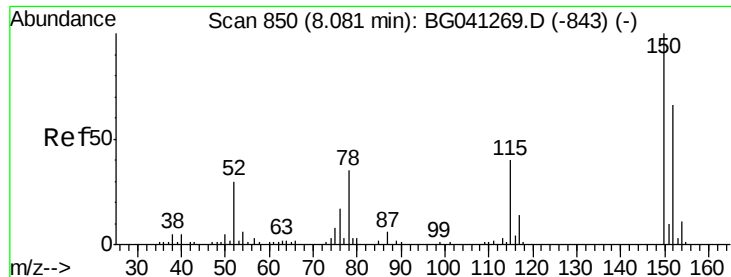
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041350.D
 Acq On : 20 Jun 2019 6:53
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	76820	26.339	ng	100
43) 2,4,6-Trichlorophenol	13.16	196	113534	42.386	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	119387	43.318	ng	98
46) 1,1'-Biphenyl	13.55	154	366662	46.253	ng	98
47) 2-Chloronaphthalene	13.60	162	309821	45.395	ng	99
48) 2-Nitroaniline	13.82	65	109718	43.895	ng	93
49) Acenaphthylene	14.44	152	469702	45.353	ng	99
50) Dimethylphthalate	14.17	163	398094	42.668	ng	99
51) 2,6-Dinitrotoluene	14.30	165	89847	45.671	ng	90
52) Acenaphthene	14.79	154	277839	45.686	ng	99
53) 3-Nitroaniline	14.64	138	52280	26.973	ng	96
54) 2,4-Dinitrophenol	14.86	184	10150	11.587	ng	# 80
55) Dibenzofuran	15.11	168	484214	45.794	ng	99
56) 4-Nitrophenol	14.94	139	94684	64.935	ng	98
57) 2,4-Dinitrotoluene	15.09	165	127588	44.367	ng	96
58) Fluorene	15.77	166	378821	45.544	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	120058	42.125	ng	99
60) Diethylphthalate	15.52	149	408102	43.035	ng	98
61) 4-Chlorophenyl-phenylether	15.75	204	241940	44.706	ng	99
62) 4-Nitroaniline	15.80	138	84718	40.868	ng	96
63) Azobenzene	16.04	77	382860	45.255	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	13722	8.182	ng	95
66) n-Nitrosodiphenylamine	15.97	169	341988	49.847	ng	98
67) 4-Bromophenyl-phenylether	16.65	248	157138	47.034	ng	93
68) Hexachlorobenzene	16.76	284	163881	45.807	ng	96
69) Atrazine	16.91	200	145590	Below Cal		97
70) Pentachlorophenol	17.11	266	76802	41.924	ng	98
71) Phenanthrene	17.51	178	646104	46.885	ng	98
72) Anthracene	17.60	178	668898	49.235	ng	100
73) Carbazole	17.88	167	573485	48.255	ng	99
74) Di-n-butylphthalate	18.40	149	678078	45.726	ng	100
75) Fluoranthene	19.52	202	828107	45.233	ng	99
77) Benzidine	19.70	184	142654	23.297	ng	99
78) Pyrene	19.88	202	832005	48.732	ng	98
80) Butylbenzylphthalate	20.74	149	309793	47.972	ng	98
81) Benzo(a)anthracene	21.72	228	798949	46.611	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	161038	26.763	ng	99
83) Chrysene	21.80	228	779164	47.268	ng	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	421942	47.945	ng	98
85) Di-n-octyl phthalate	22.82	149	719600	48.330	ng	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	606684	31.021	ng	# 79
88) Benzo(b)fluoranthene	24.00	252	763876	49.500	ng	98
89) Benzo(k)fluoranthene	24.07	252	759017	49.650	ng	99
90) Benzo(a)pyrene	24.91	252	712539	48.891	ng	99
91) Dibenzo(a,h)anthracene	28.95	278	531823	36.246	ng	98
92) Benzo(g,h,i)perylene	30.07	276	404241	27.879	ng	# 97

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

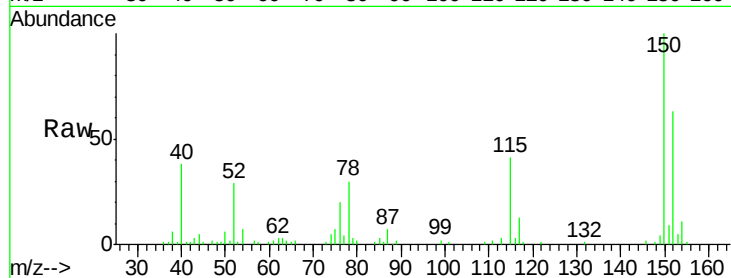


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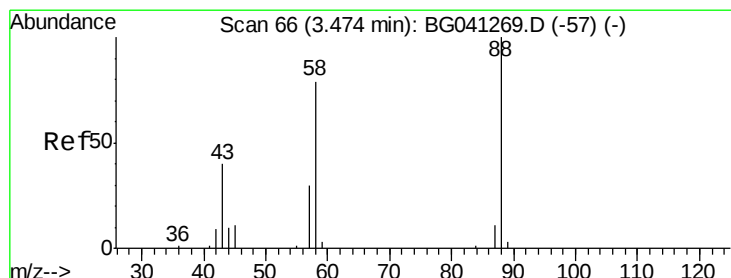
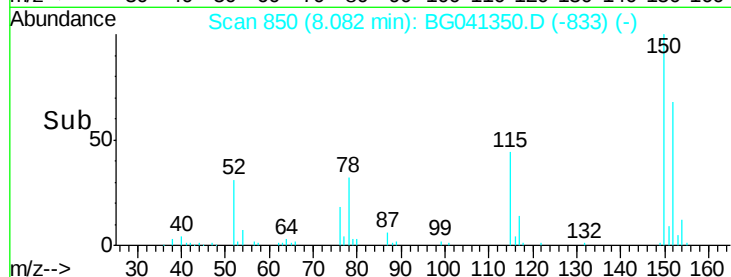
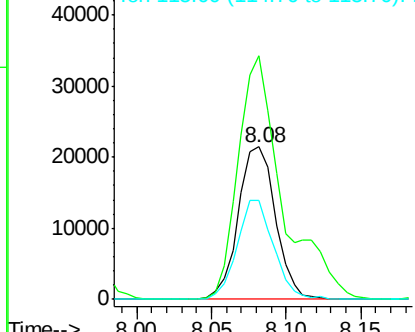
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 37312
Ion Ratio Lower Upper
152 100
150 160.0 120.6 181.0
115 64.8 47.9 71.9



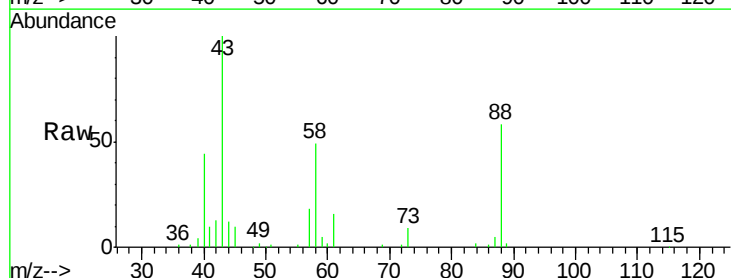
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



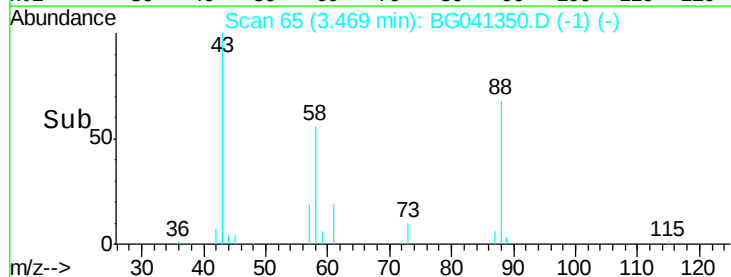
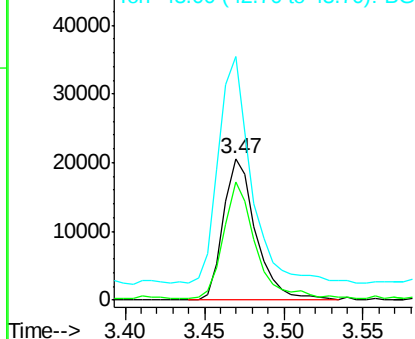
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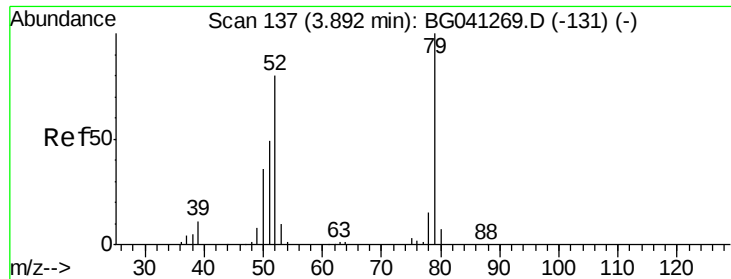
1,4-Dioxane
Concen: 28.581 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion: 88 Resp: 29103
Ion Ratio Lower Upper
88 100
58 82.1 59.7 89.5
43 161.4 31.9 47.9#



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: 32.568 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampleId :

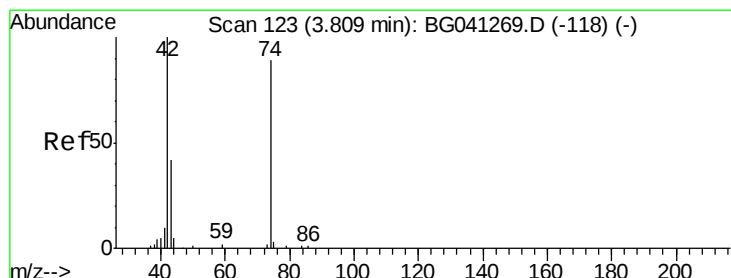
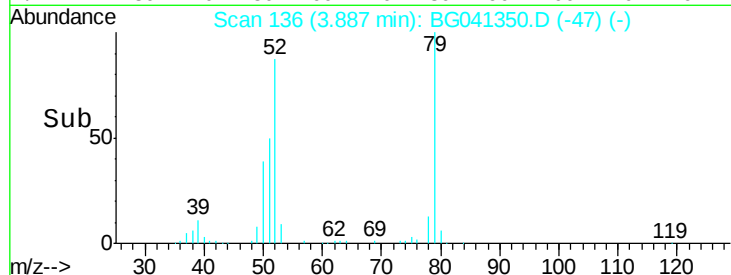
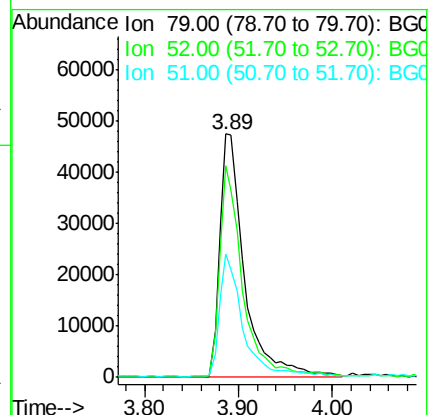
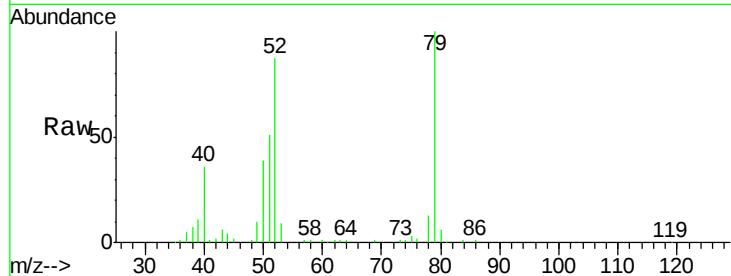
Tot Ion: 79 Resp: 87977

Ion Ratio Lower Upper

79 100

52 87.1 63.6 95.4

51 50.6 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 37.711 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

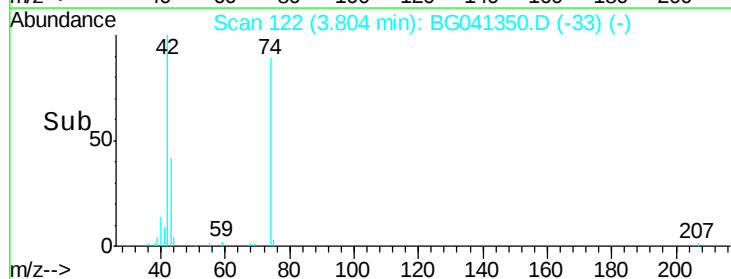
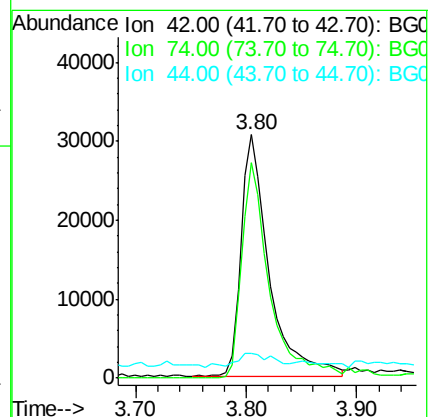
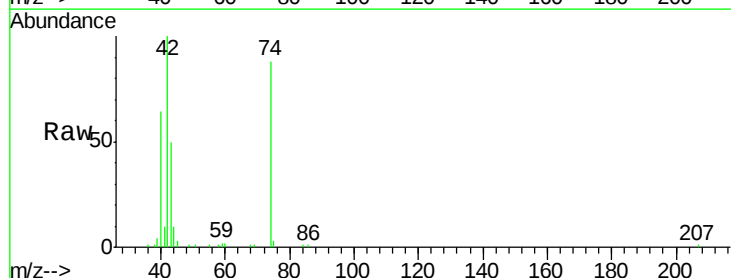
Tgt Ion: 42 Resp: 54325

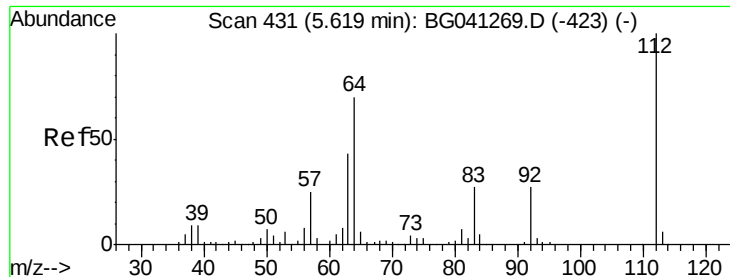
Ion Ratio Lower Upper

42 100

74 88.3 71.6 107.4

44 10.4 9.0 13.4





#5

2-Fluorophenol

Concen: 118.301 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041350.D

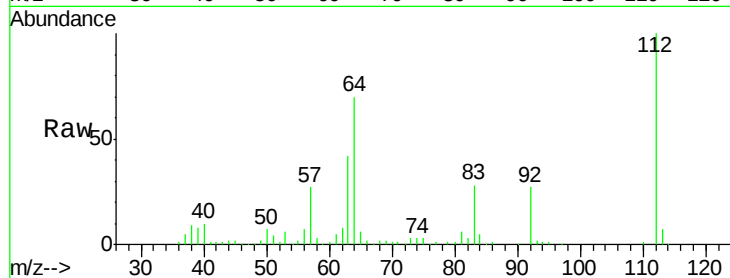
Acq: 20 Jun 2019 6:53

Instrument :

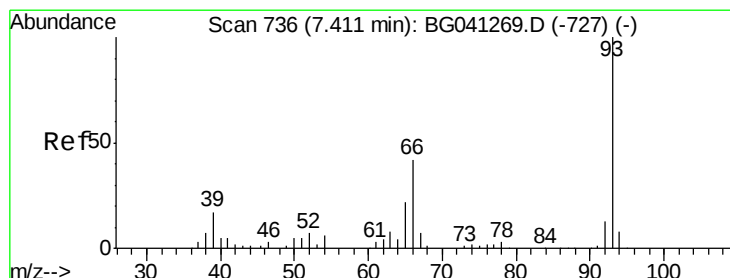
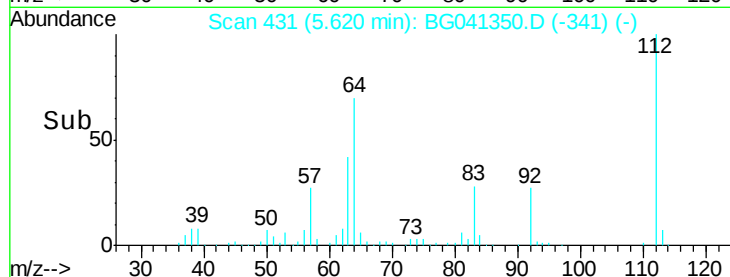
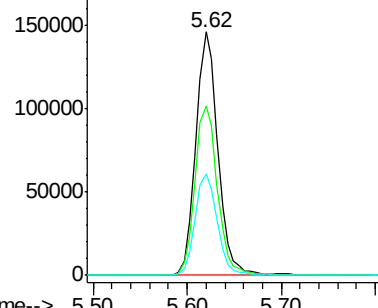
BNA_G

ClientSampled :

Tot Ion:	112	Resp:	240231
Ion Ratio	Lower	Upper	
112	100		
64	69.6	55.9	83.9
63	41.8	34.6	51.8



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: 16.221 ng

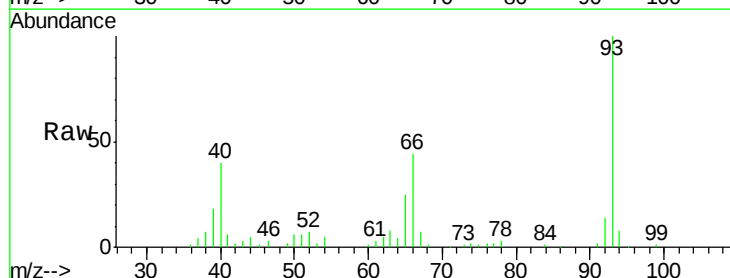
RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

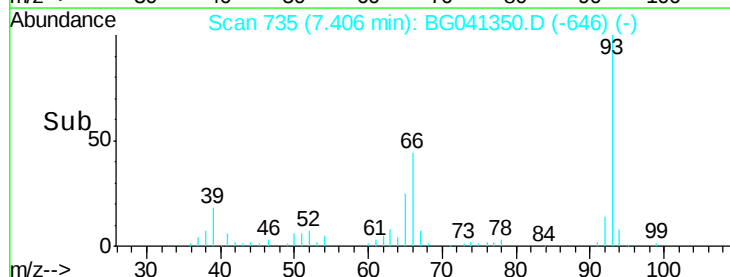
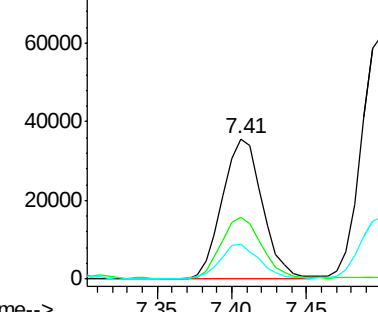
Lab File: BG041350.D

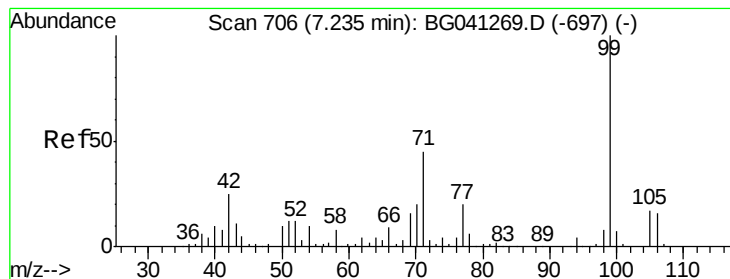
Acq: 20 Jun 2019 6:53

Tgt Ion:	93	Resp:	66365
Ion Ratio	Lower	Upper	
93	100		
66	43.7	34.2	51.2
65	25.4	17.7	26.5



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: 110.620 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampleId :

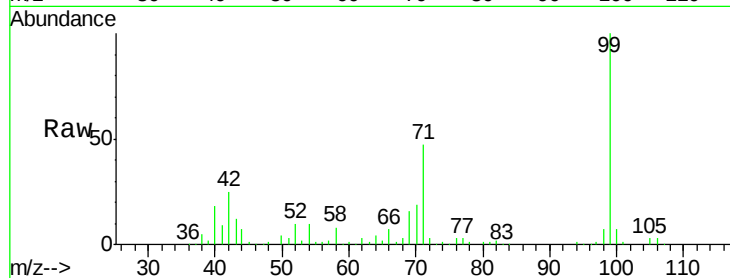
Tot Ion: 99 Resp: 325608

Ion Ratio Lower Upper

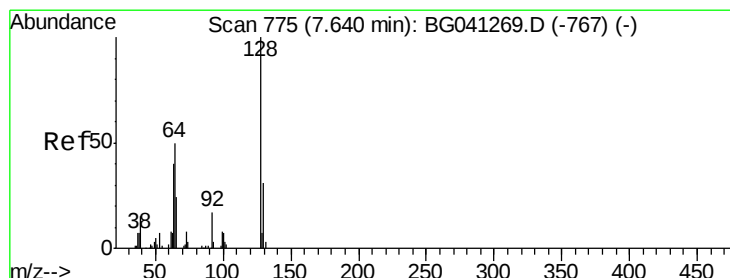
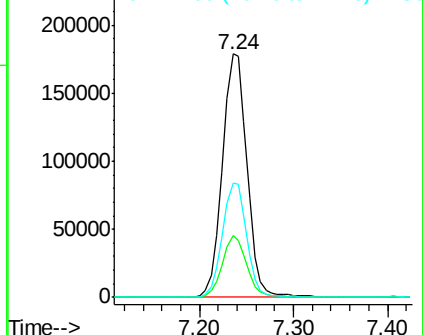
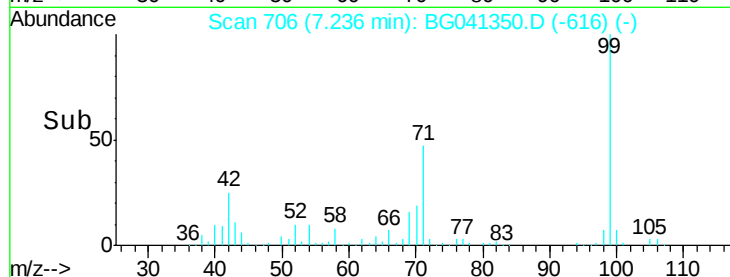
99 100

42 25.3 19.9 29.9

71 46.7 36.4 54.6



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: 41.446 ng

RT: 7.64 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

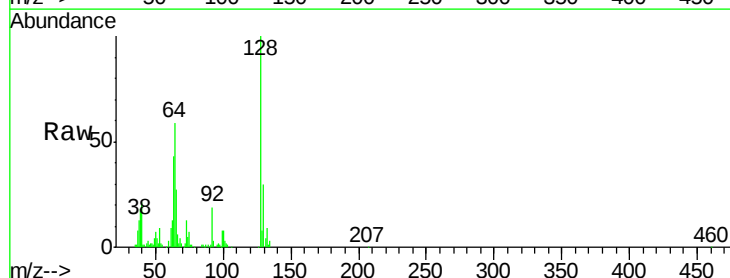
Tgt Ion:128 Resp: 98893

Ion Ratio Lower Upper

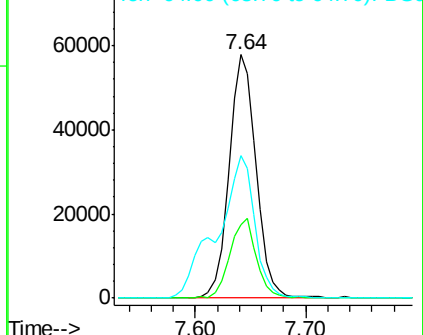
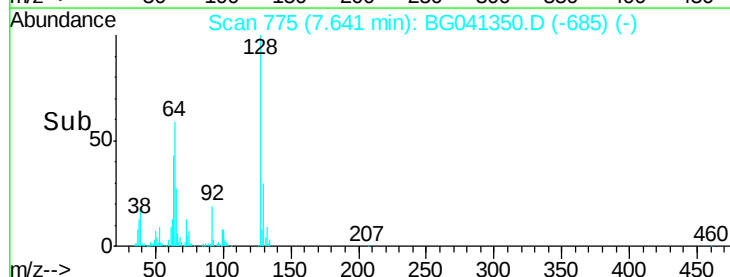
128 100

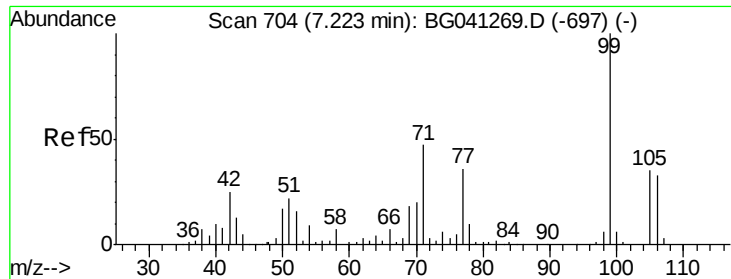
130 30.0 11.1 51.1

64 58.5 36.6 76.6



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: 12.565 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampleId :

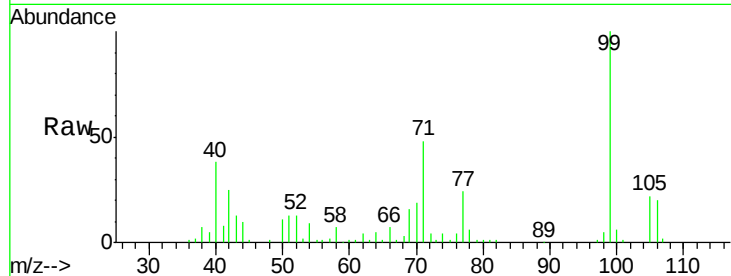
Tot Ion: 77 Resp: 23656

Ion Ratio Lower Upper

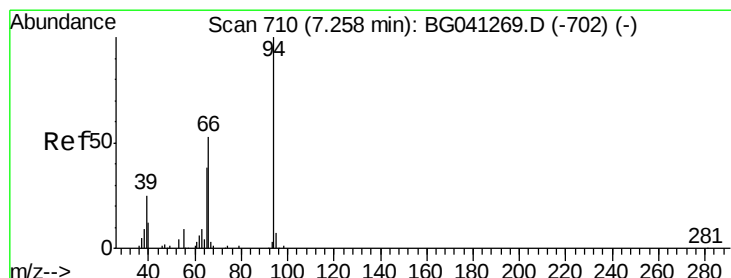
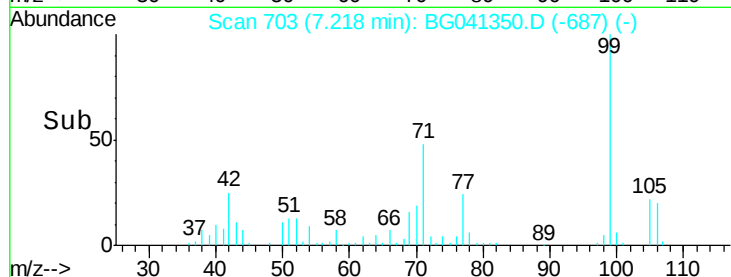
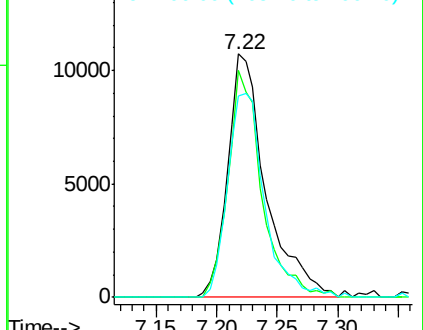
77 100

105 93.1 78.7 118.7

106 82.8 71.1 111.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 35.704 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

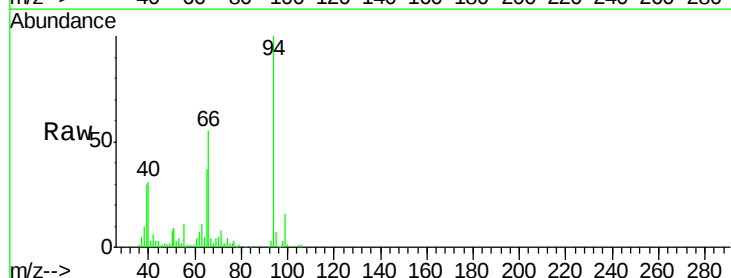
Tgt Ion: 94 Resp: 113012

Ion Ratio Lower Upper

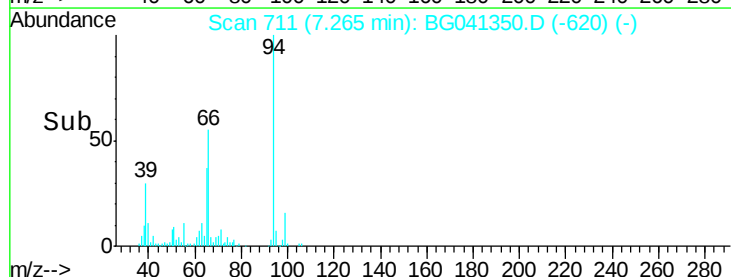
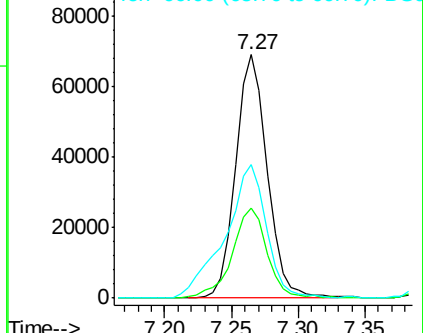
94 100

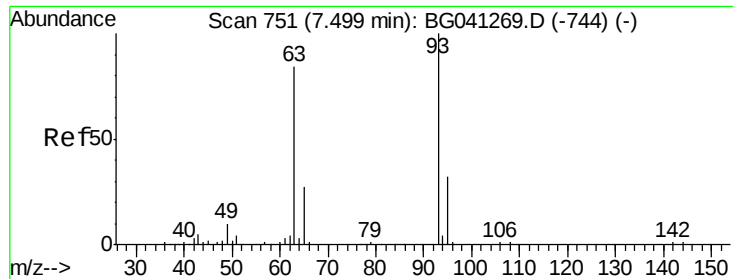
65 37.2 18.7 58.7

66 54.6 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



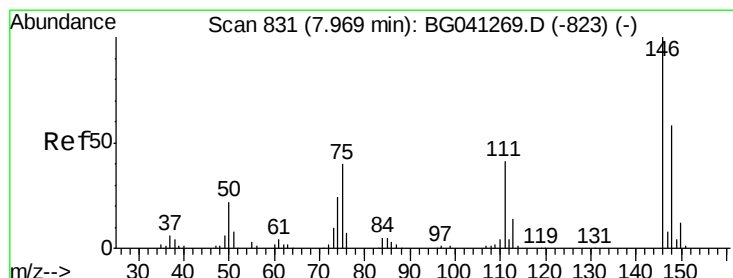
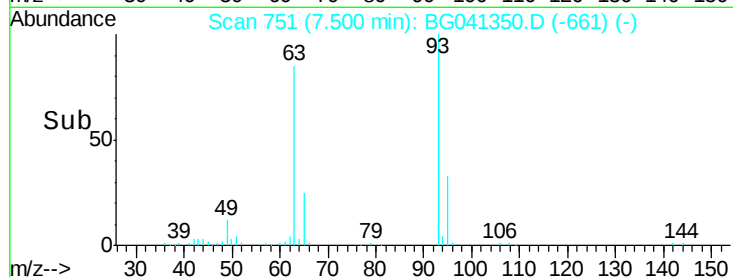
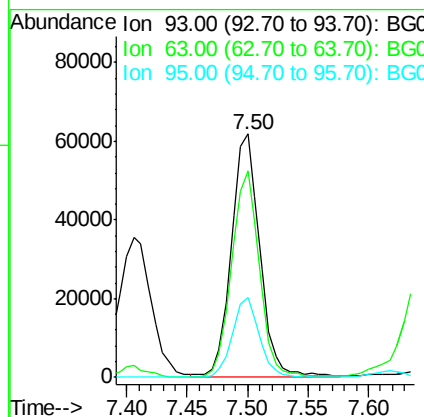
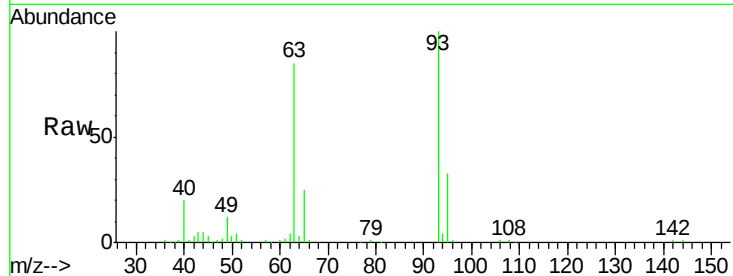


#11

bis(2-Chloroethyl)ether
Concen: 42.426 ng
RT: 7.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampled :

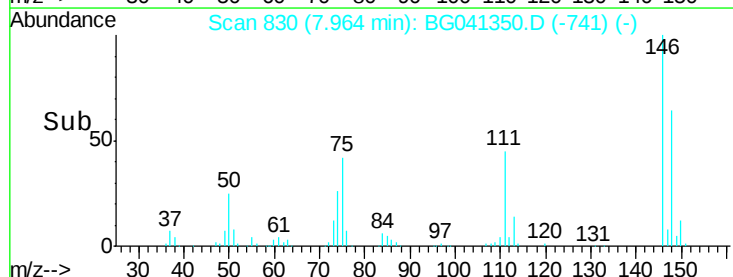
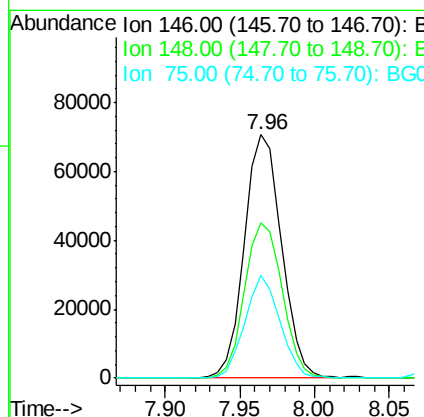
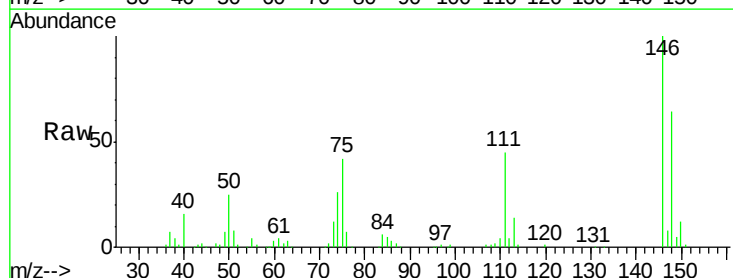
Tot Ion	93	Resp	101893
Ion Ratio	Lower	Upper	
93	100		
63	84.9	63.6	103.6
95	32.7	11.2	51.2

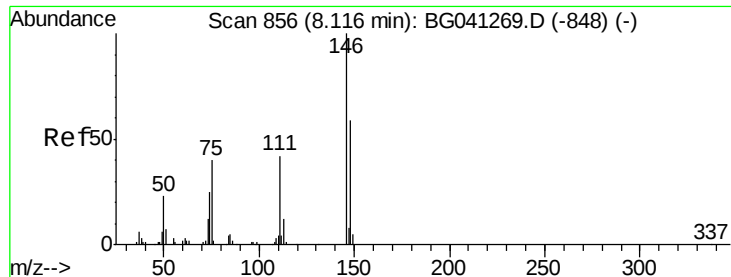


#12

1,3-Dichlorobenzene
Concen: 40.879 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	146	Resp	122130
Ion Ratio	Lower	Upper	
146	100		
148	63.9	46.5	69.7
75	42.5	32.2	48.4

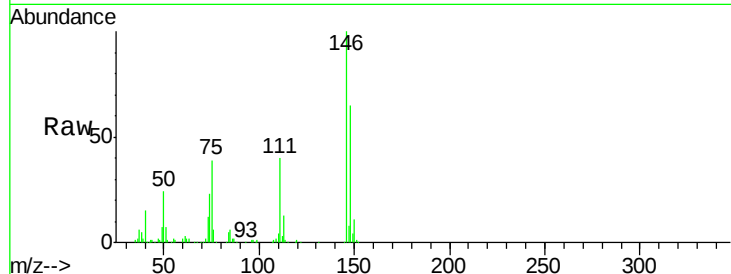




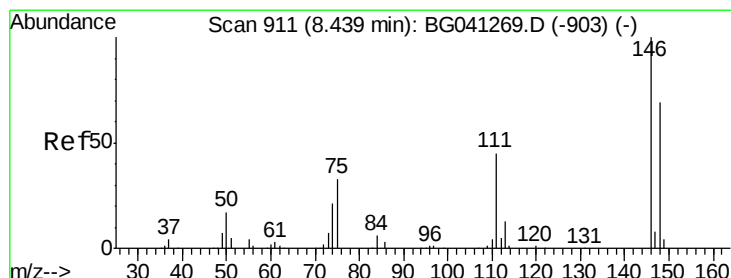
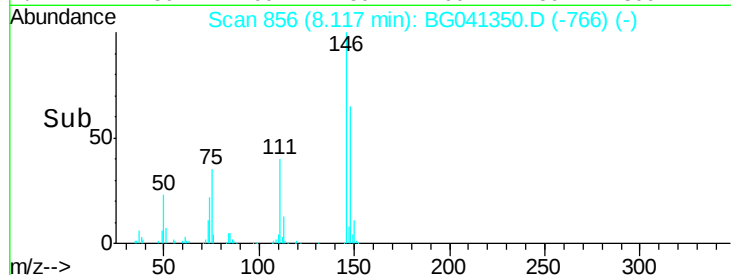
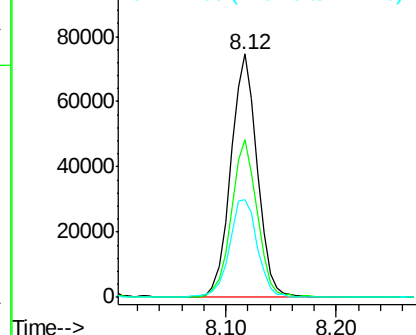
#13
1,4-Dichlorobenzene
Concen: 40.938 ng
RT: 8.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	47.3	70.9
111	40.4	33.4	50.0

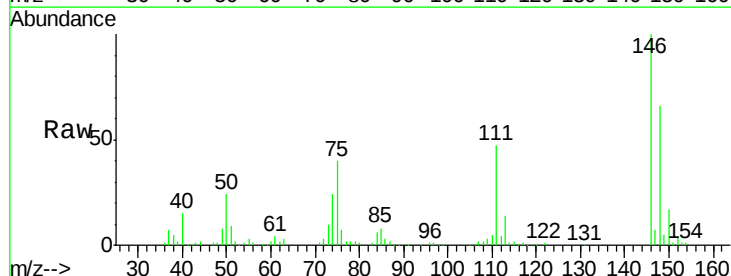


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

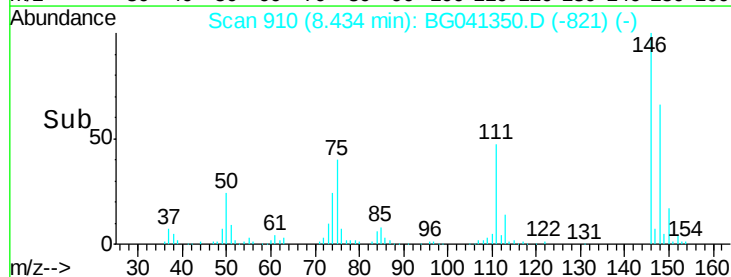
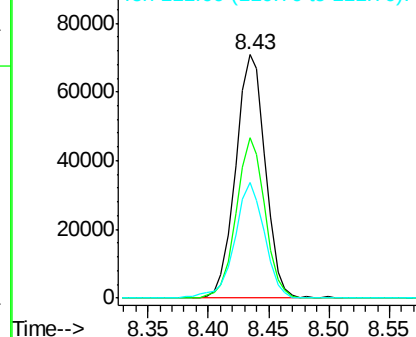


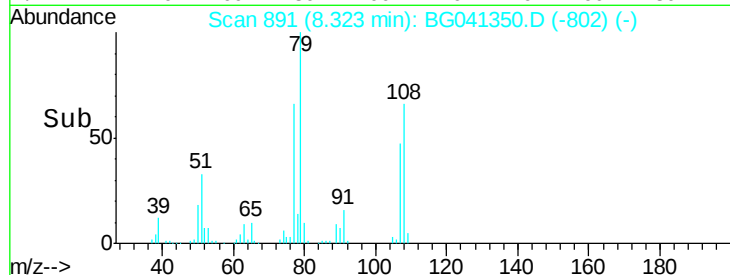
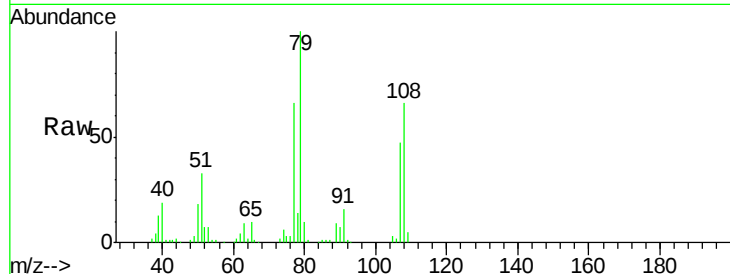
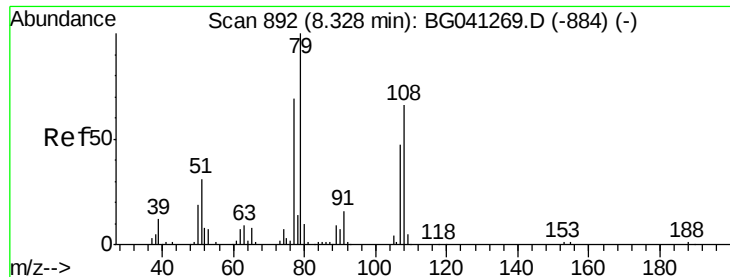
#14
1,2-Dichlorobenzene
Concen: 41.377 ng
RT: 8.43 min Scan# 910
Delta R.T. -0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	54.9	82.3
111	47.4	37.0	55.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

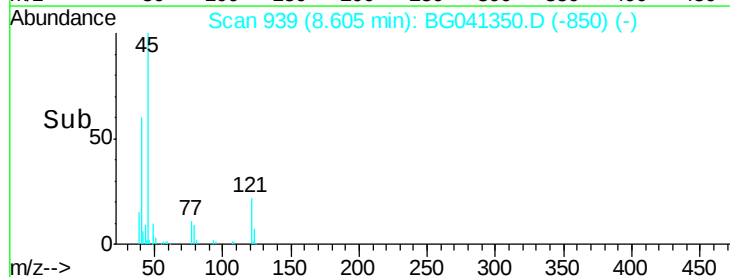
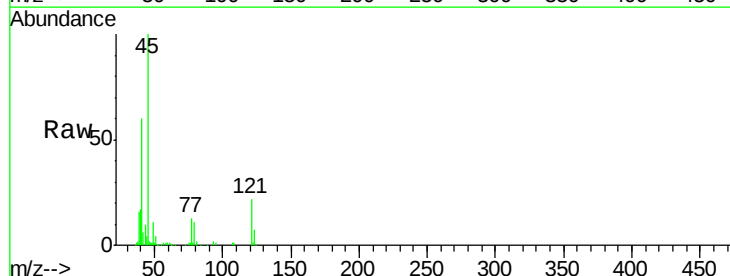
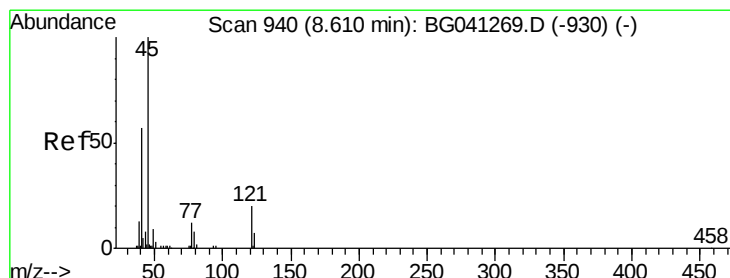
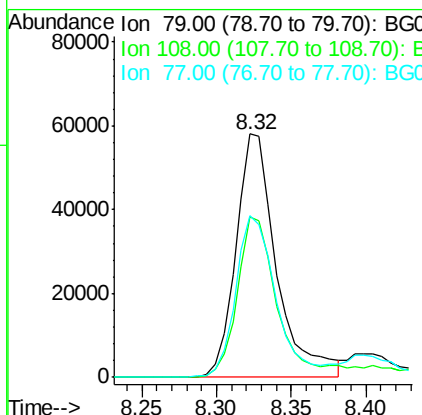




#15
Benzyl Alcohol
Concen: 38.795 ng
RT: 8.32 min Scan# 891
Delta R.T. -0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

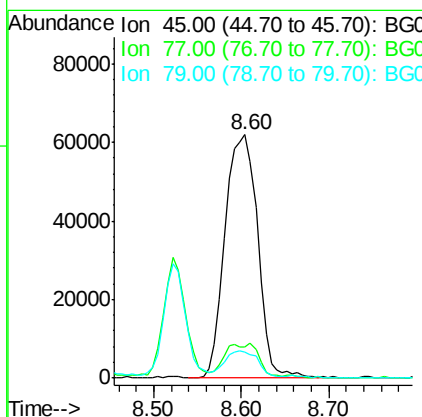
Instrument :
BNA_G
ClientSampled :

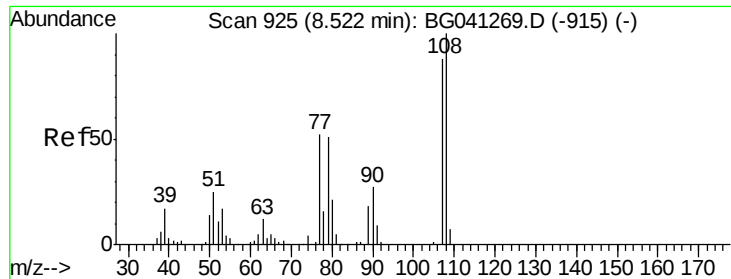
Tot Ion	Ratio	Lower	Upper
79	100		
108	65.8	52.7	79.1
77	66.3	55.2	82.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.109 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	35.2
79	10.8	0.0	31.6

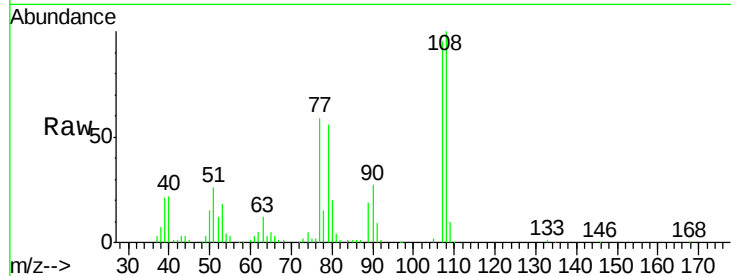




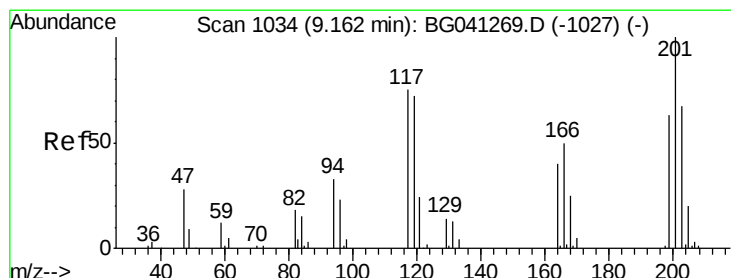
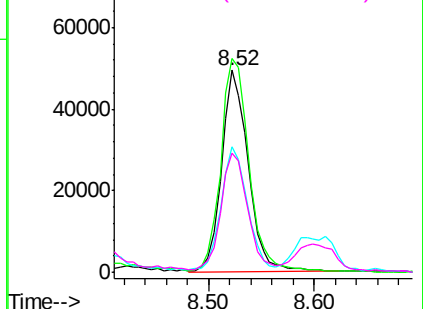
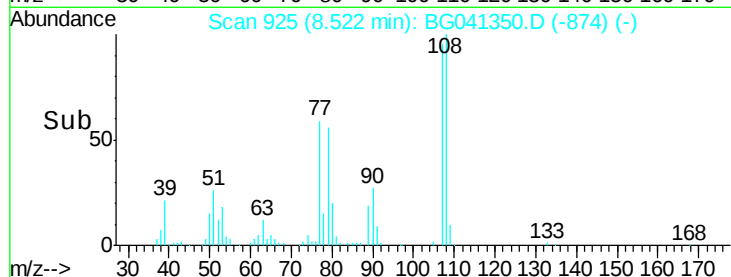
#17
2-Methylphenol
Concen: 38.016 ng
RT: 8.52 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 86028
Ion Ratio Lower Upper
107 100
108 105.7 91.7 137.5
77 62.1 47.8 71.8
79 58.8 46.8 70.2

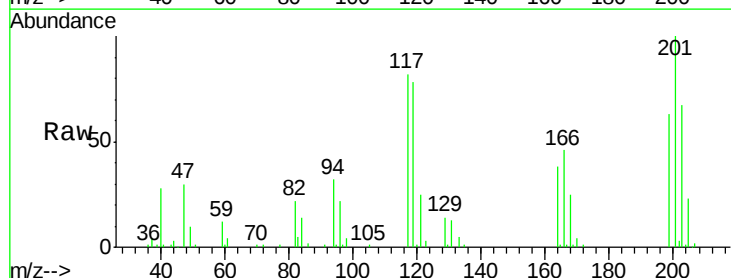


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

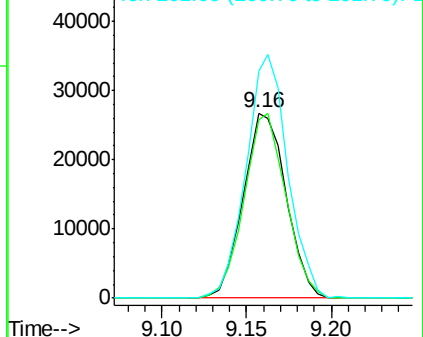
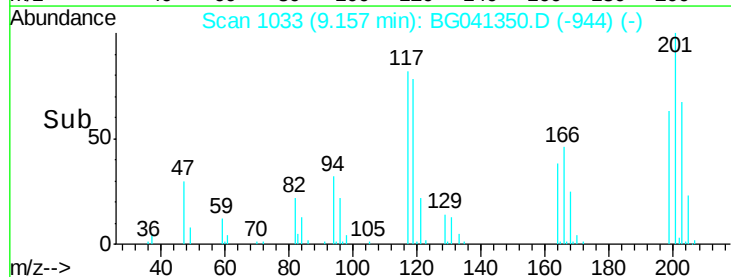


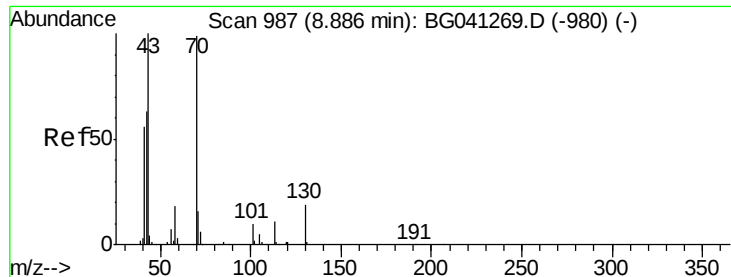
#18
Hexachloroethane
Concen: 38.923 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion:117 Resp: 47071
Ion Ratio Lower Upper
117 100
119 96.2 76.8 115.2
201 122.5 106.3 159.5



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

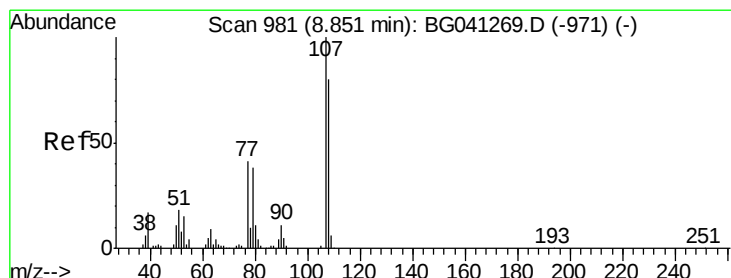
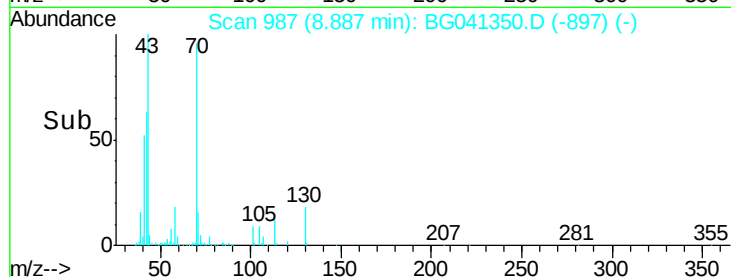
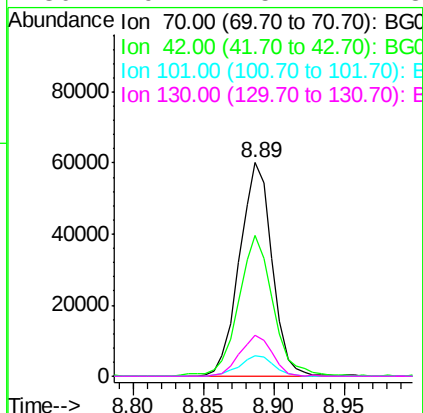
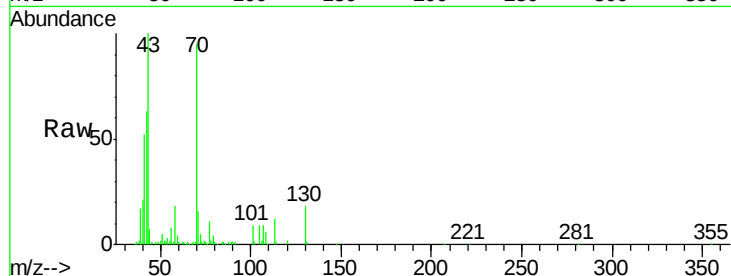




#19
n-Nitroso-di-n-propylamine
Concen: 40.706 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

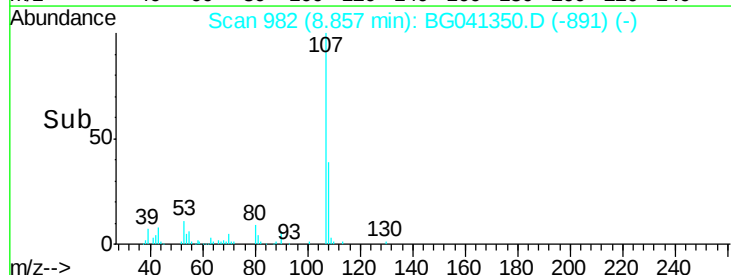
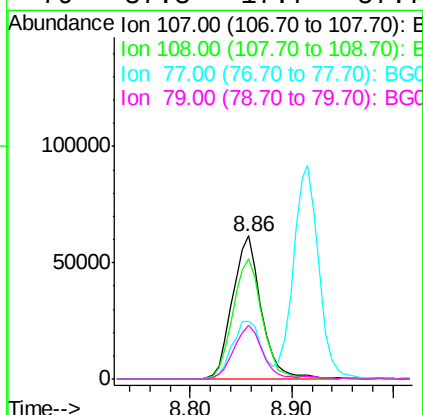
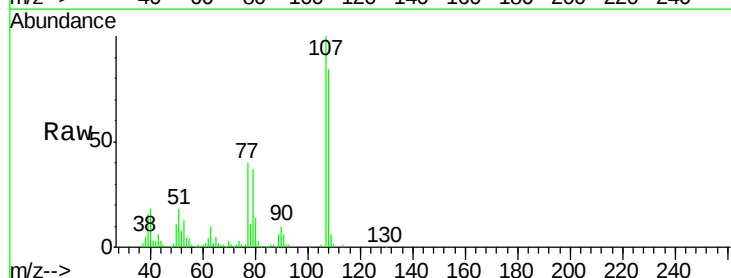
Instrument :
BNA_G
ClientSampleId :

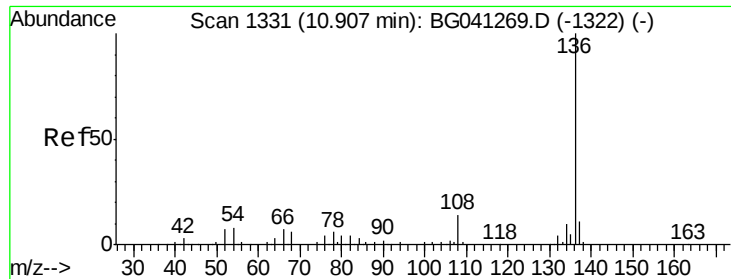
Tot Ion:	70	Resp:	96907
Ion	Ratio	Lower	Upper
70	100		
42	66.2	51.4	77.2
101	9.7	8.2	12.2
130	19.2	15.2	22.8



#20
3+4-Methylphenols
Concen: 40.380 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion:	107	Resp:	121646
Ion	Ratio	Lower	Upper
107	100		
108	83.9	60.4	100.4
77	40.0	21.2	61.2
79	37.3	17.7	57.7

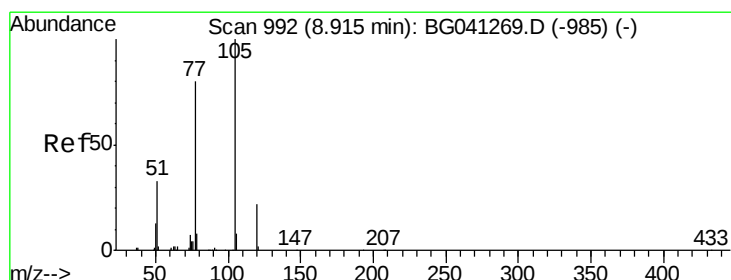
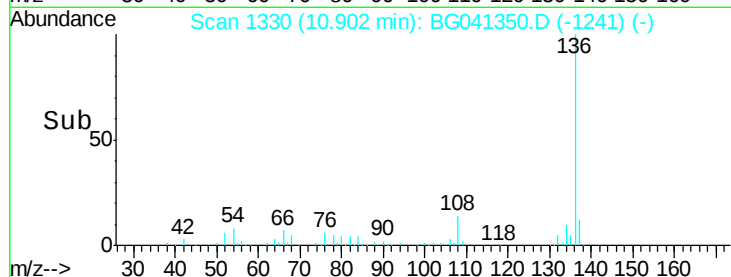
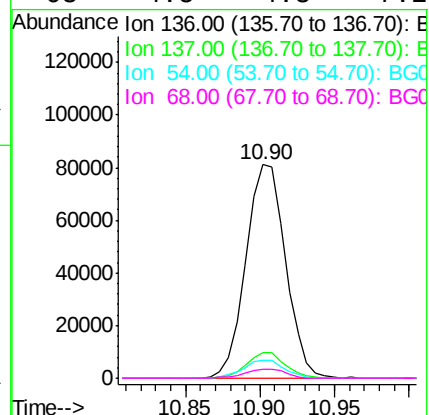
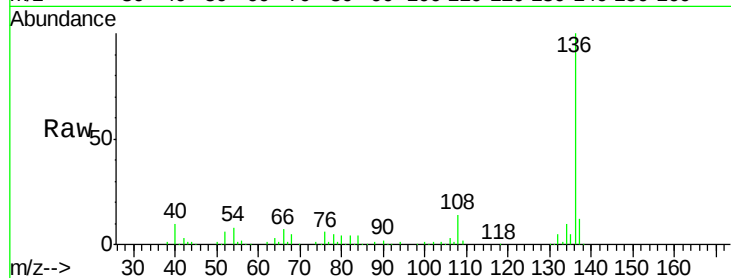




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

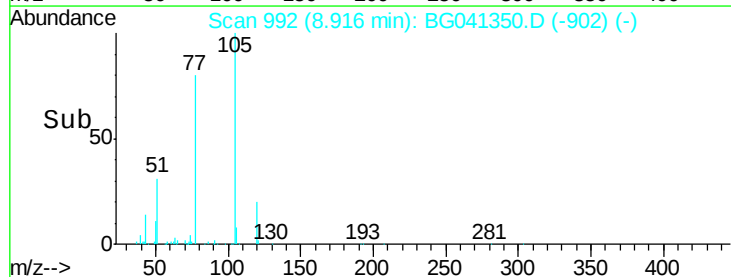
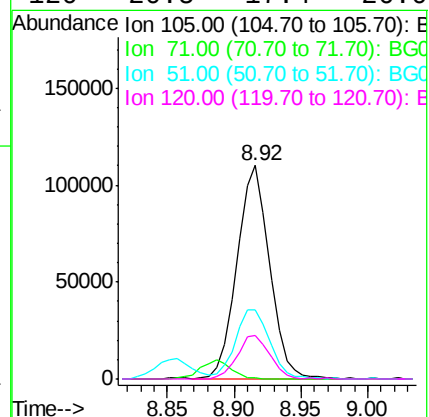
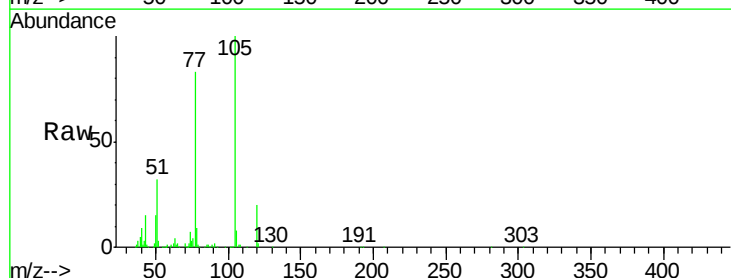
Instrument :
BNA_G
ClientSampleId :

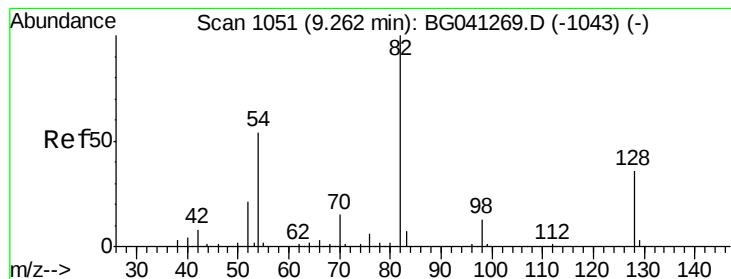
Tot Ion:136	Resp:	148960
Ion Ratio	Lower	Upper
136	100	
137	12.3	8.8 13.2
54	8.2	6.4 9.6
68	4.5	4.8 7.2



#22
Acetophenone
Concen: 43.162 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion:105	Resp:	187097
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.4 0.6
51	32.2	28.2 42.4
120	20.5	17.4 26.0





#23

Nitrobenzene-d5

Concen: 86.994 ng

RT: 9.26 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampled :

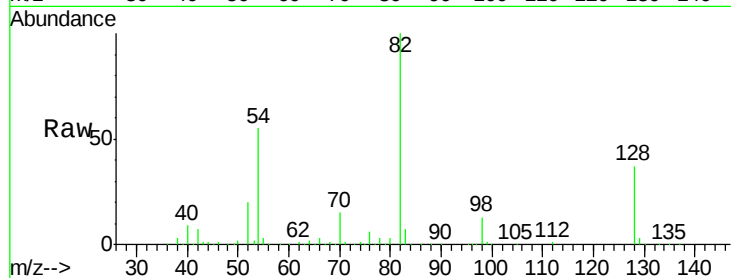
Tot Ion: 82 Resp: 308127

Ion Ratio Lower Upper

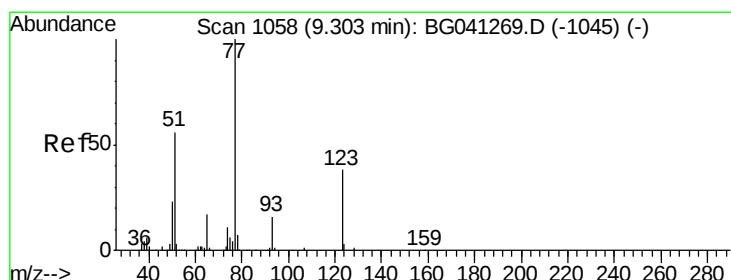
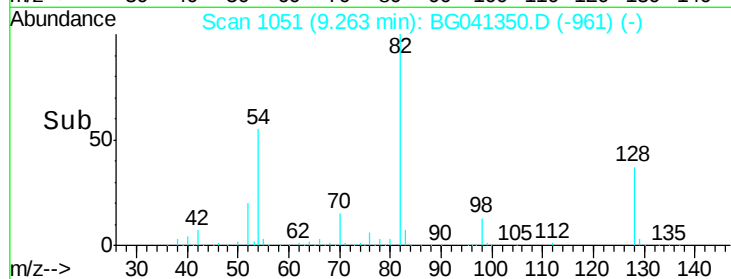
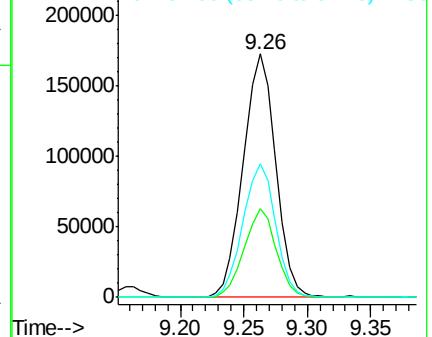
82 100

128 36.5 29.2 43.8

54 55.0 43.4 65.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 43.910 ng

RT: 9.30 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

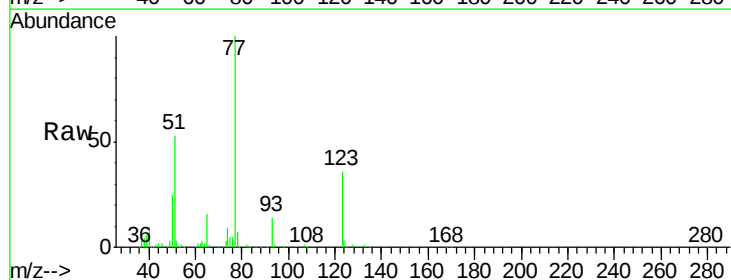
Tgt Ion: 77 Resp: 156419

Ion Ratio Lower Upper

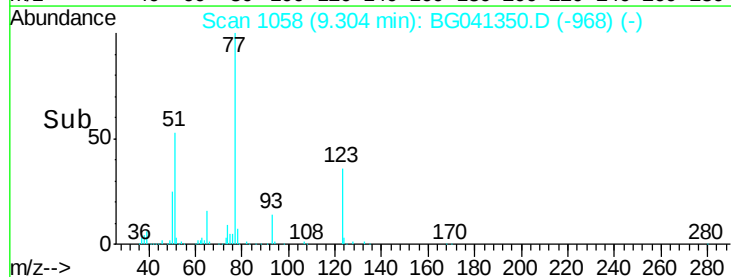
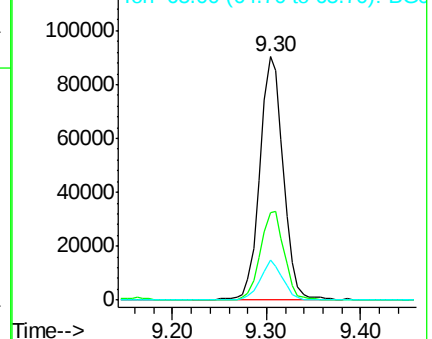
77 100

123 35.9 30.4 45.6

65 16.3 13.3 19.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 42.043 ng

RT: 9.82 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampleId :

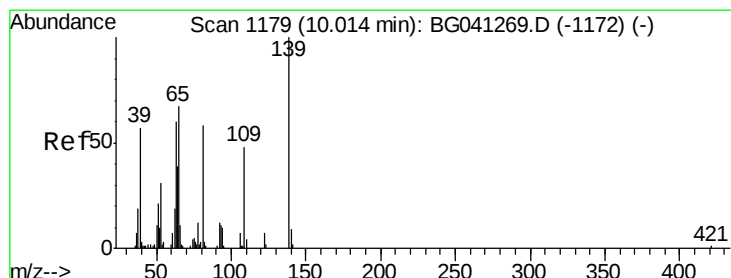
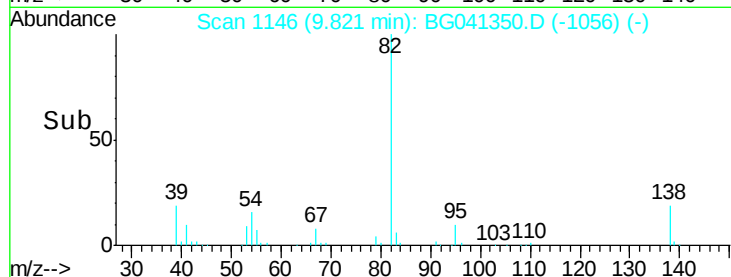
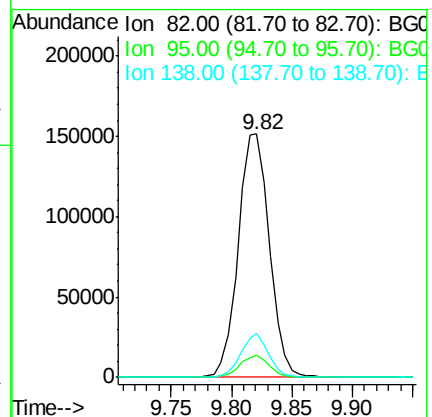
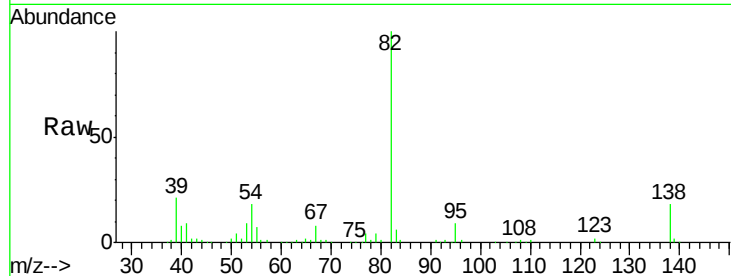
Tot Ion: 82 Resp: 273203

Ion Ratio Lower Upper

82 100

95 9.1 6.6 10.0

138 17.8 12.3 18.5



#26

2-Nitrophenol

Concen: 41.304 ng

RT: 10.01 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

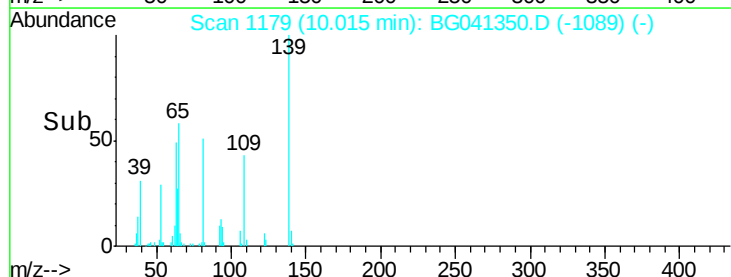
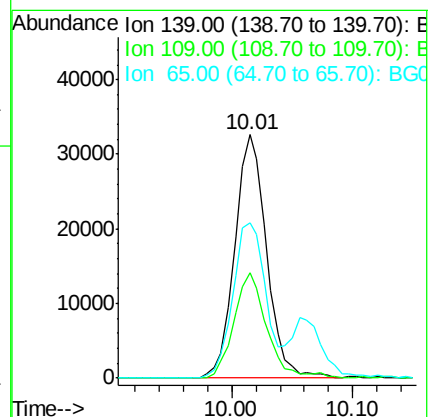
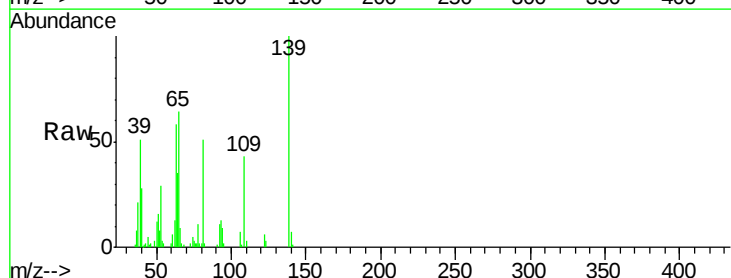
Tgt Ion: 139 Resp: 59651

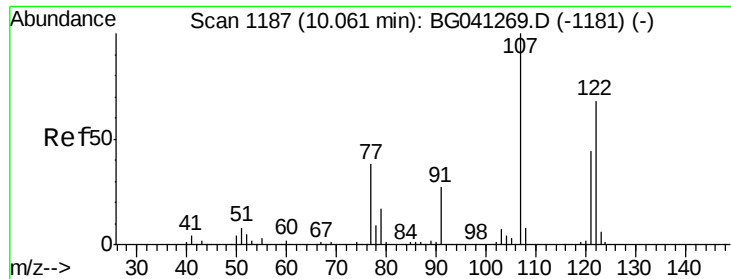
Ion Ratio Lower Upper

139 100

109 43.1 38.4 57.6

65 63.9 53.6 80.4

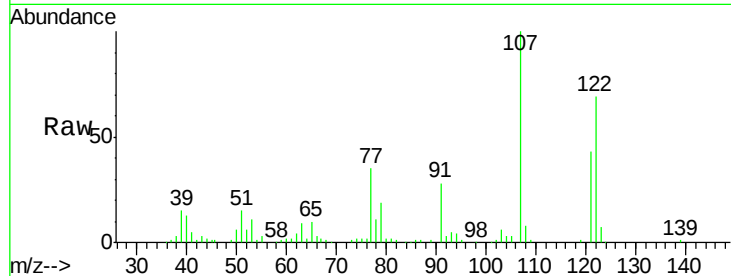




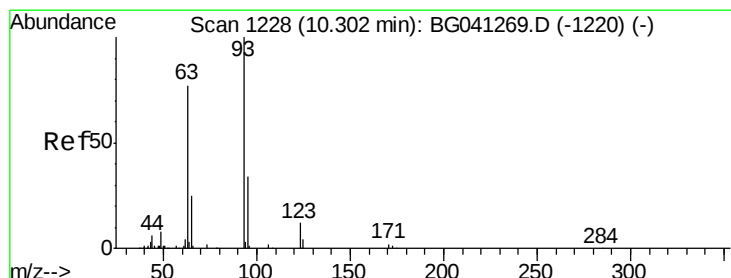
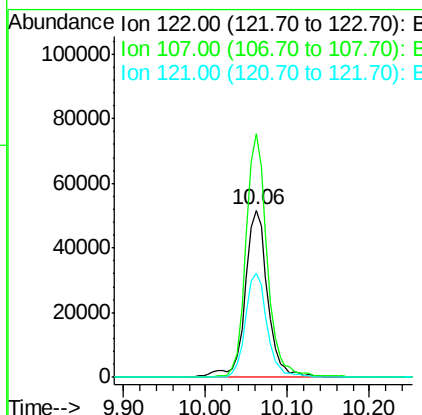
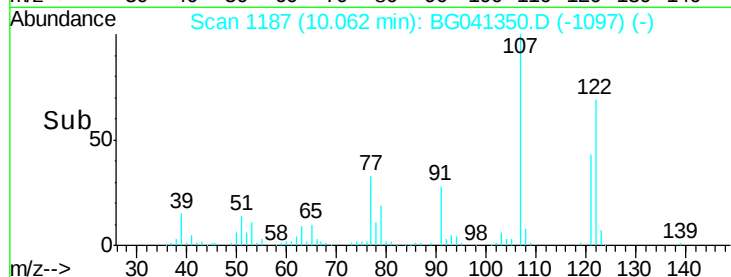
#27
 2,4-Dimethylphenol
 Concen: 45.742 ng
 RT: 10.06 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 99022
 Ion Ratio Lower Upper
 122 100
 107 145.6 115.1 172.7
 121 62.5 50.1 75.1

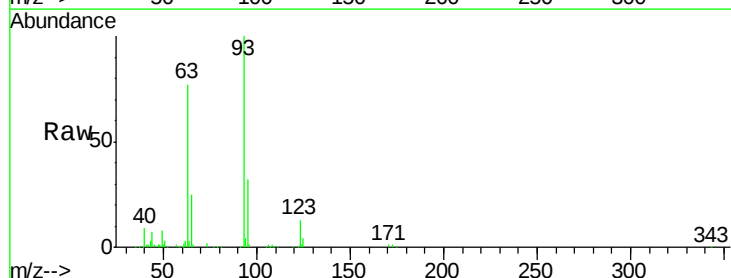


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

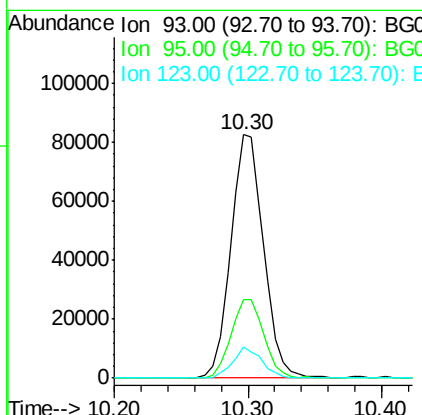
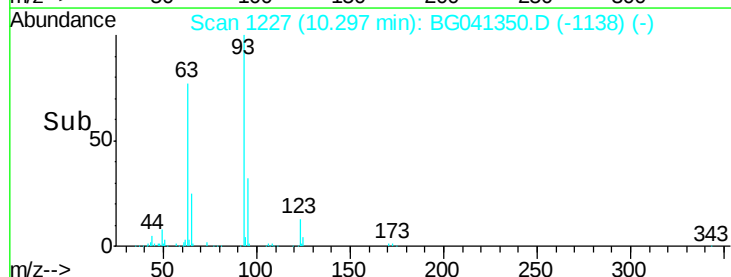


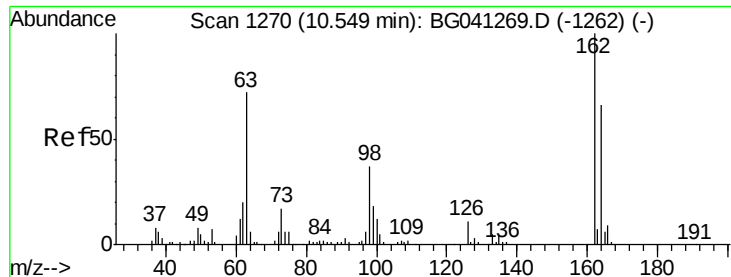
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.375 ng
 RT: 10.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion: 93 Resp: 140089
 Ion Ratio Lower Upper
 93 100
 95 32.4 27.3 40.9
 123 12.8 9.6 14.4



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

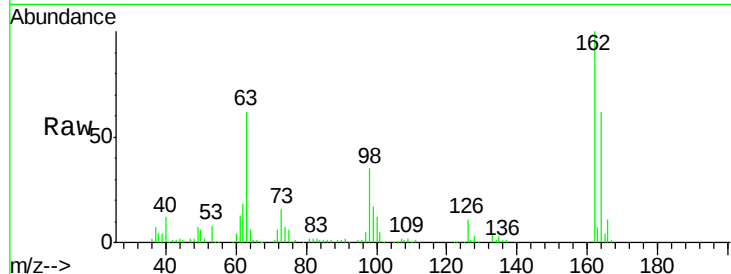




#29
 2,4-Dichlorophenol
 Concen: 43.630 ng
 RT: 10.55 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	46.0	86.0
98	35.1	17.4	57.4

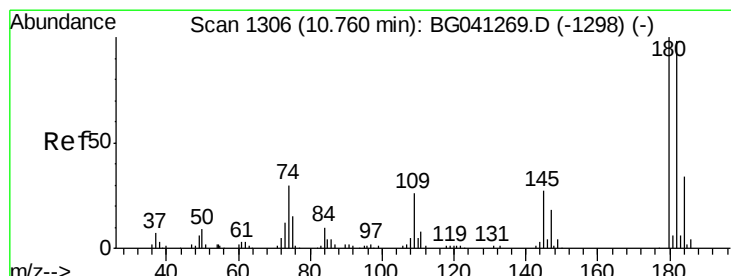
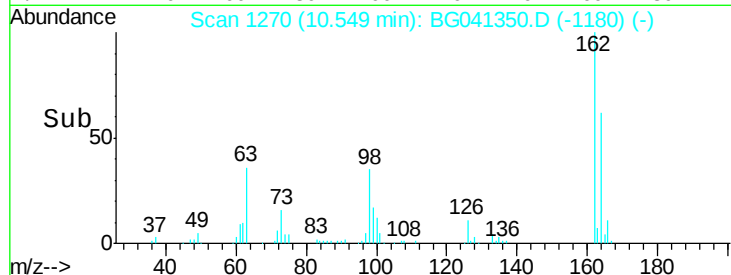
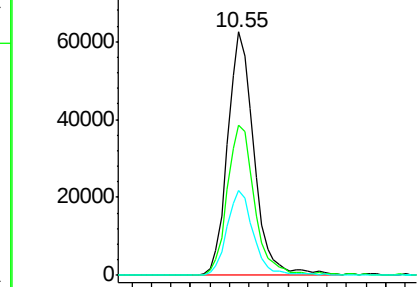


Abundance

Ion 162.00 (161.70 to 162.70): E

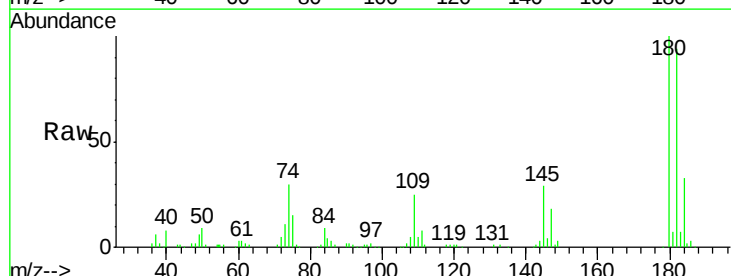
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 43.306 ng
 RT: 10.76 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	78.6	117.8
145	28.5	21.7	32.5

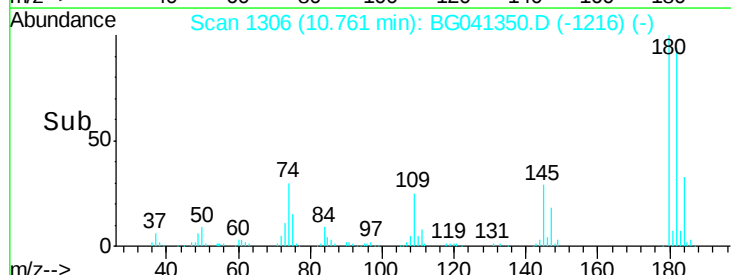
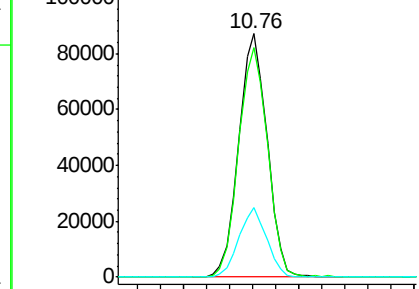


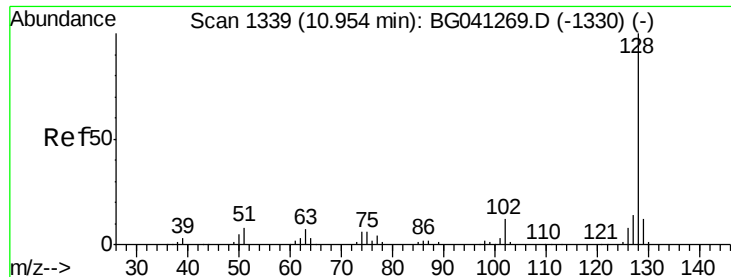
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

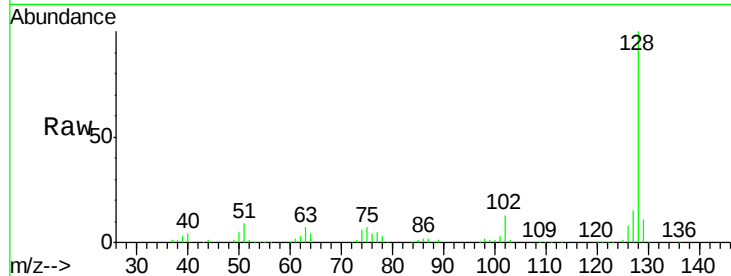




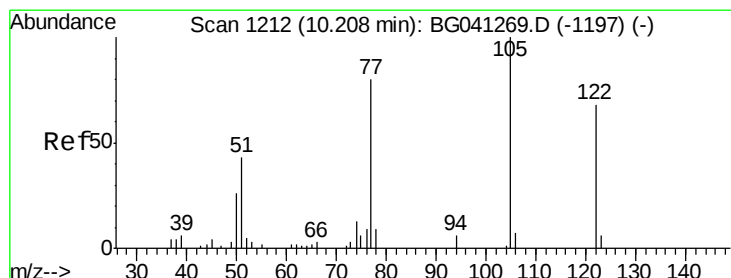
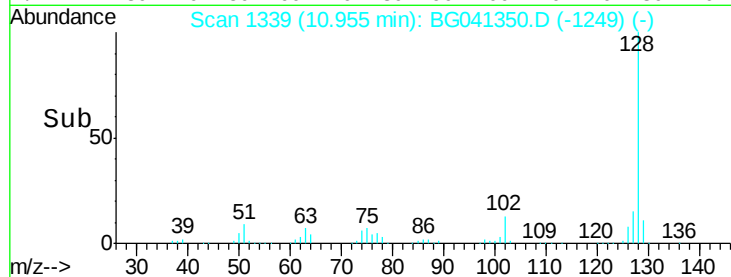
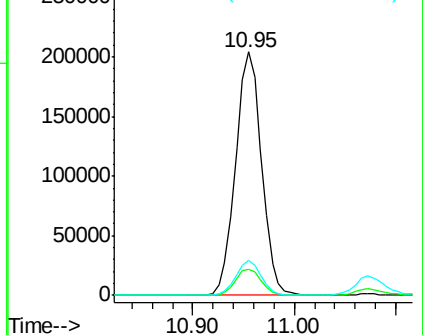
#31
Naphthalene
Concen: 44.883 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 363361
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.0
127 14.6 11.2 16.8

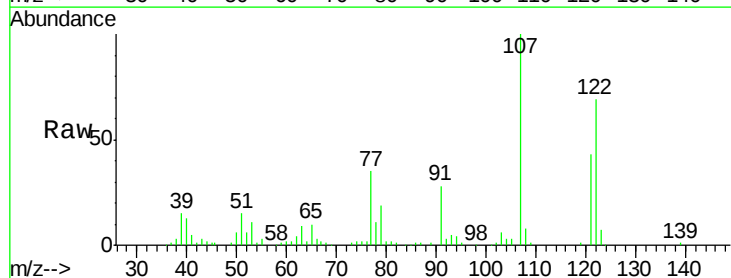


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

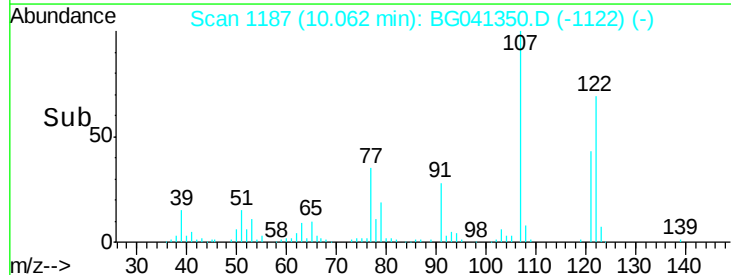
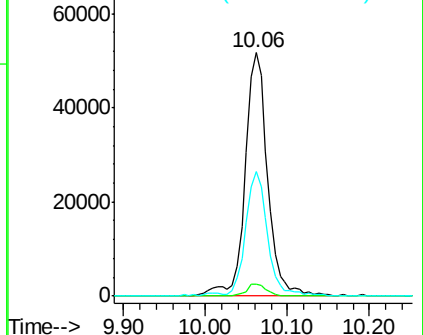


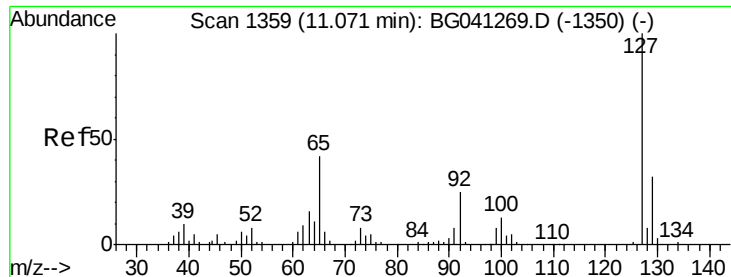
#32
Benzoic acid
Concen: 70.268 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.15 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion:122 Resp: 99022
Ion Ratio Lower Upper
122 100
105 4.9 124.2 164.2#
77 51.4 97.2 137.2#



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

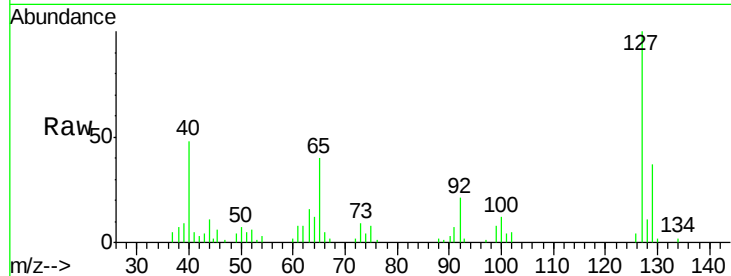




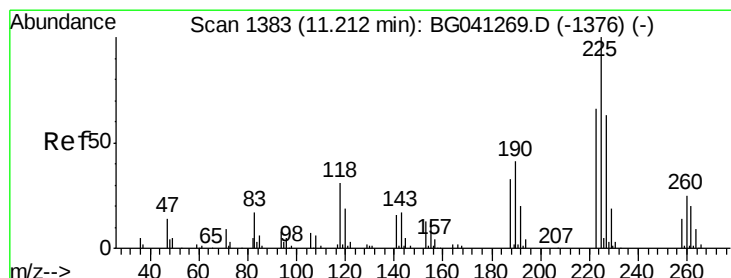
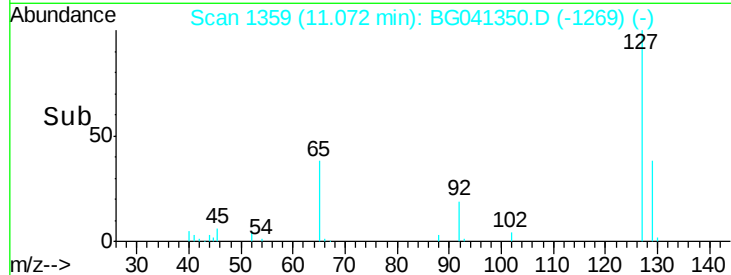
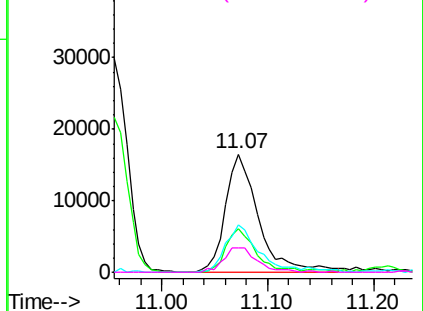
#33
4-Chloroaniline
Concen: 10.450 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:127 Resp: 35929
Ion Ratio Lower Upper
127 100
129 37.4 25.8 38.8
65 40.3 33.8 50.8
92 20.7 20.2 30.4

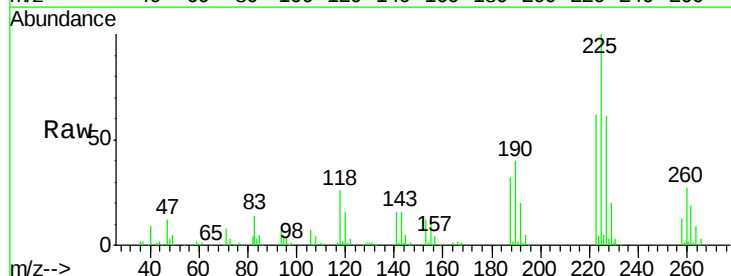


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

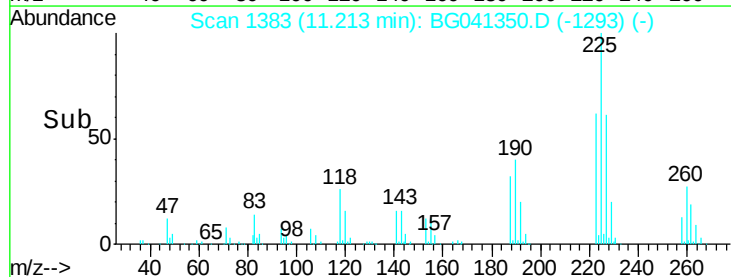
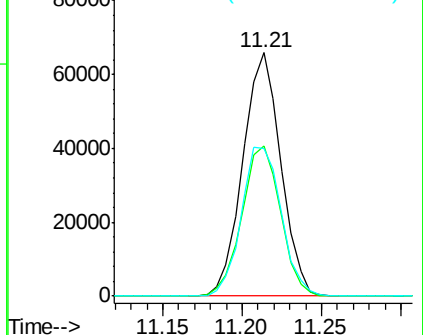


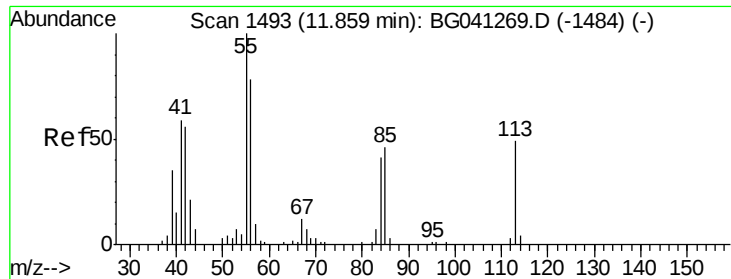
#34
Hexachlorobutadiene
Concen: 40.188 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion:225 Resp: 109662
Ion Ratio Lower Upper
225 100
223 61.7 52.5 78.7
227 60.7 50.2 75.2



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

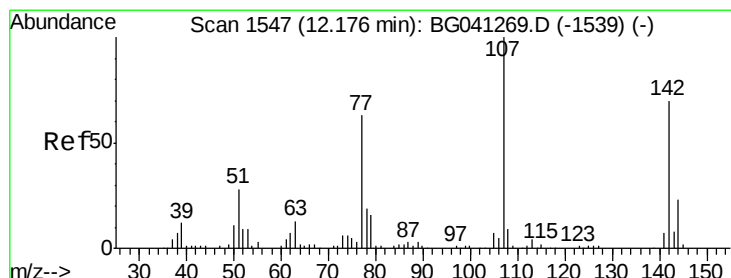
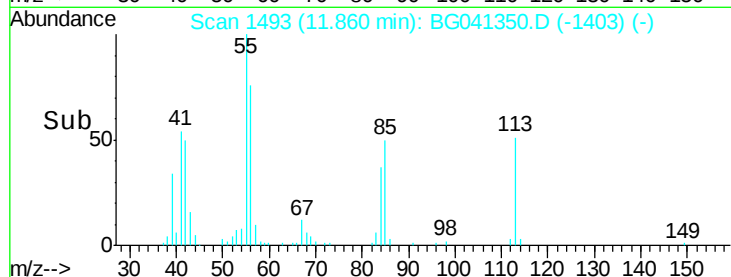
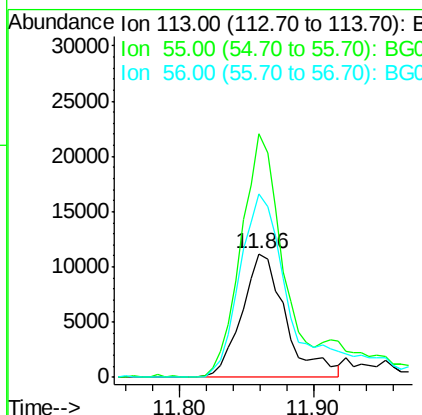
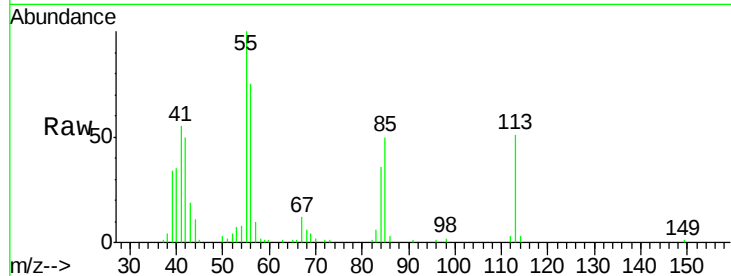




#35
 Caprolactam
 Concen: 27.510 ng
 RT: 11.86 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

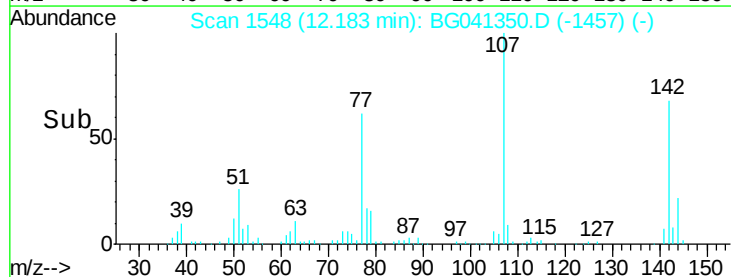
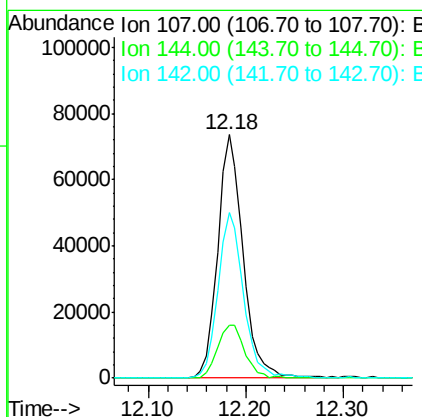
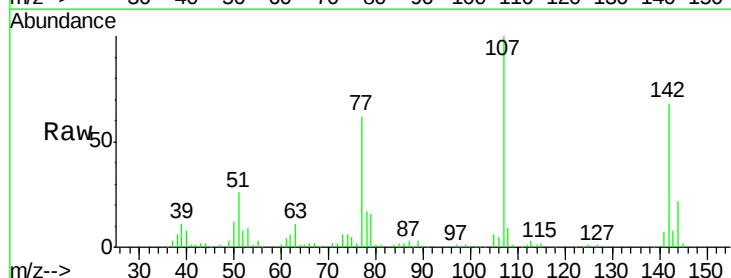
Instrument :
 BNA_G
 ClientSampled :

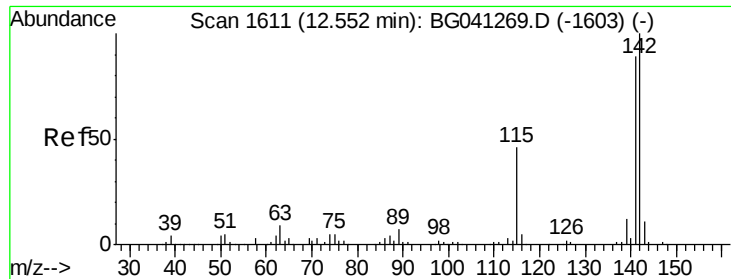
Tot Ion:113 Resp: 25421
 Ion Ratio Lower Upper
 113 100
 55 197.4 182.6 222.6
 56 148.7 137.5 177.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.716 ng
 RT: 12.18 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion:107 Resp: 132438
 Ion Ratio Lower Upper
 107 100
 144 22.0 18.5 27.7
 142 68.0 56.3 84.5

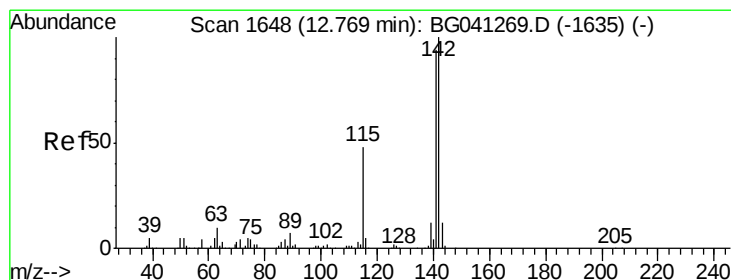
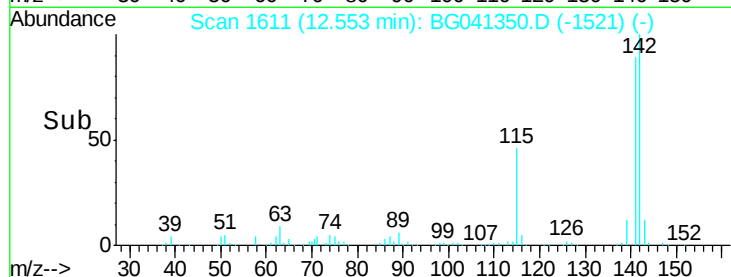
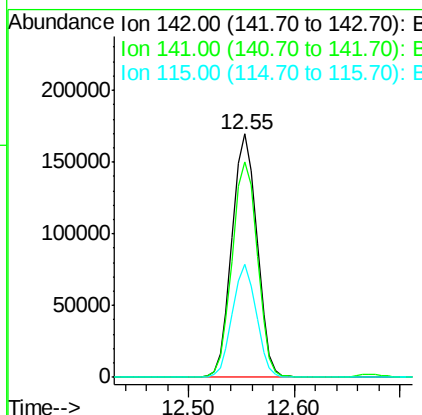
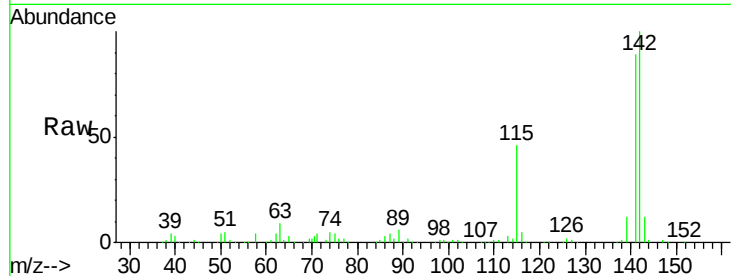




#37
2-Methylnaphthalene
Concen: 46.687 ng
RT: 12.55 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

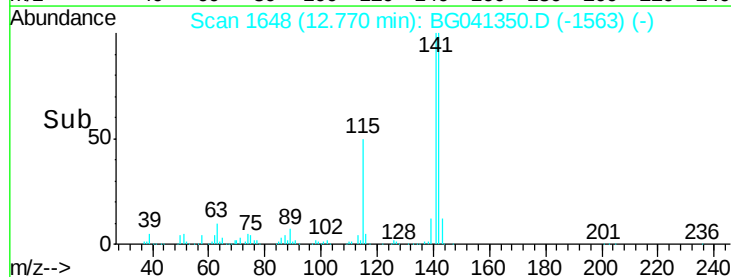
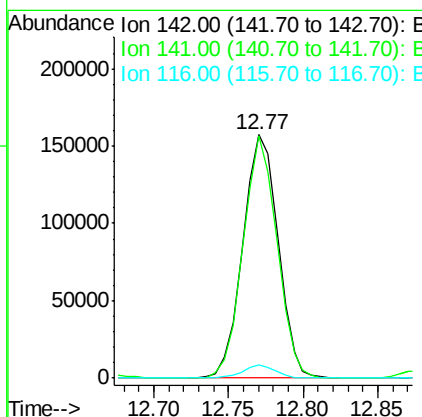
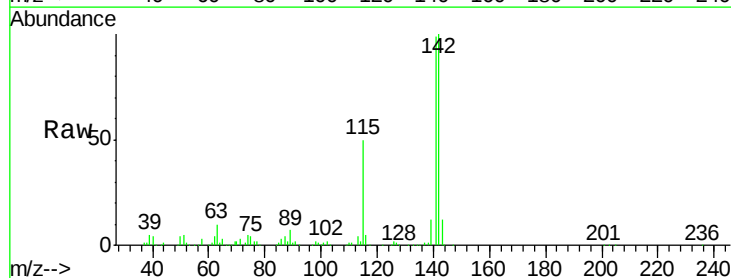
Instrument :
BNA_G
ClientSampleId :

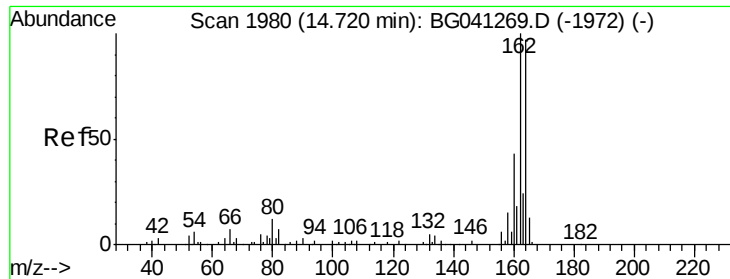
Tot Ion:142 Resp: 278380
Ion Ratio Lower Upper
142 100
141 88.6 71.5 107.3
115 46.3 37.0 55.6



#38
1-Methylnaphthalene
Concen: 45.153 ng
RT: 12.77 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion:142 Resp: 257592
Ion Ratio Lower Upper
142 100
141 99.4 75.0 112.6
116 5.4 4.2 6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampleId :

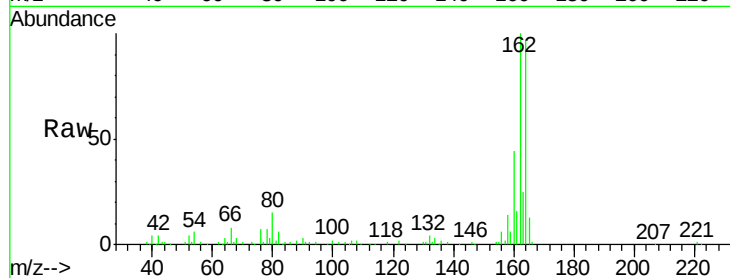
Tot Ion:164 Resp: 104859

Ion Ratio Lower Upper

164 100

162 102.8 82.8 124.2

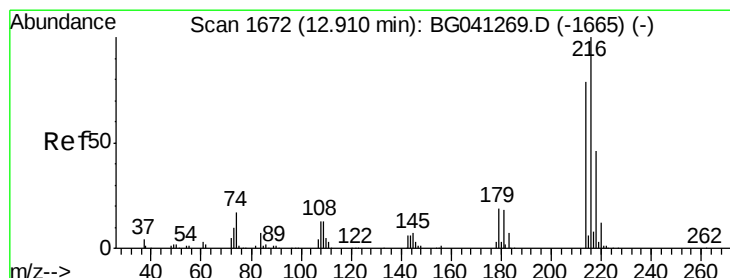
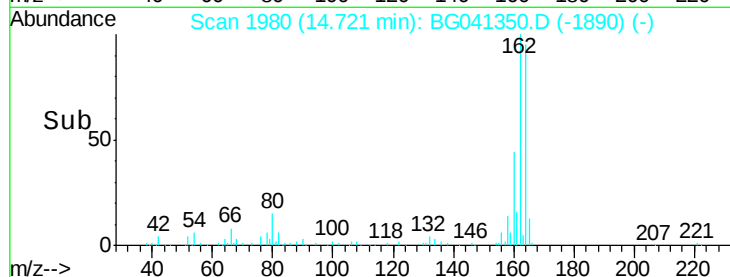
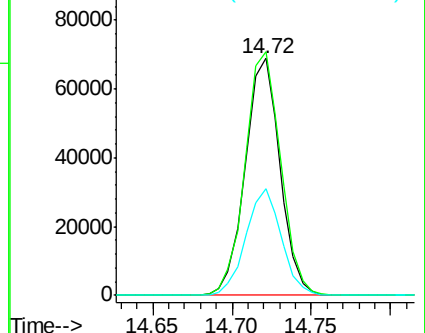
160 44.8 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.745 ng

RT: 12.91 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Tgt Ion:216 Resp: 206731

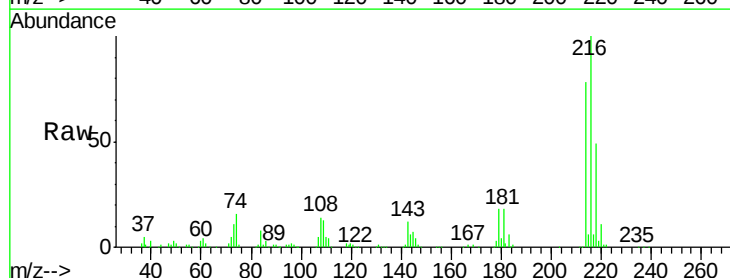
Ion Ratio Lower Upper

216 100

214 78.9 62.8 94.2

179 18.3 15.2 22.8

108 14.8 12.4 18.6

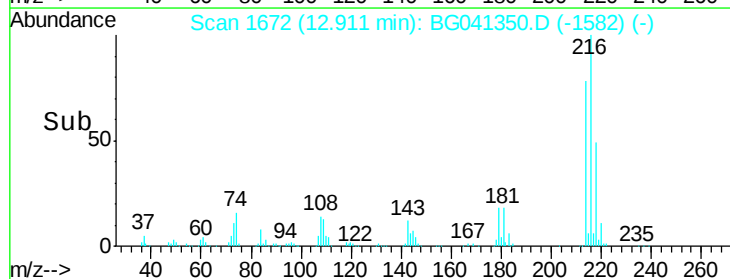
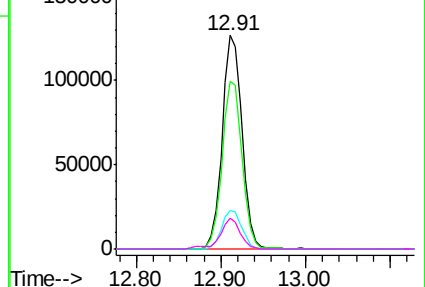


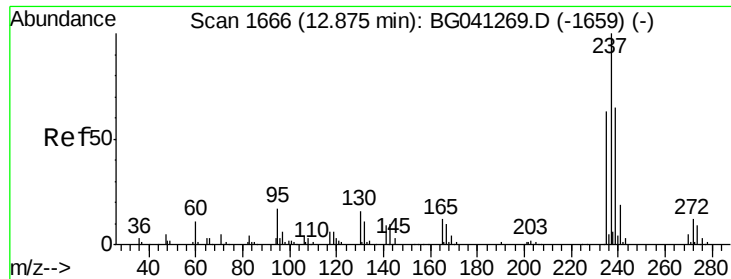
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

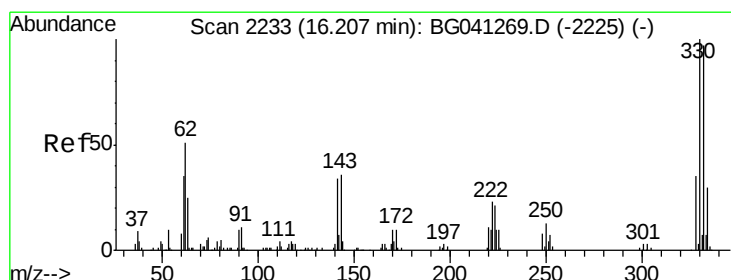
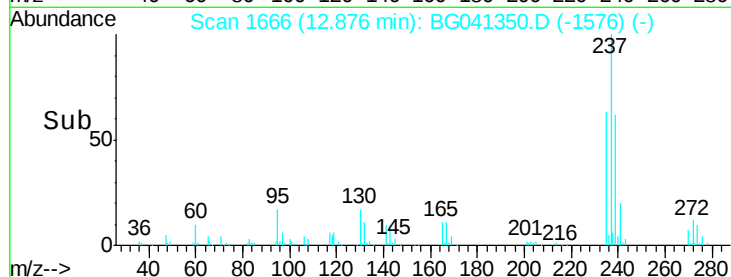
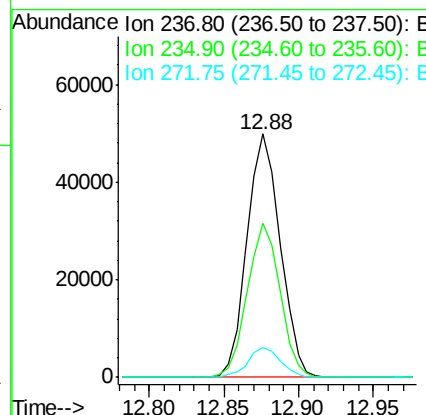
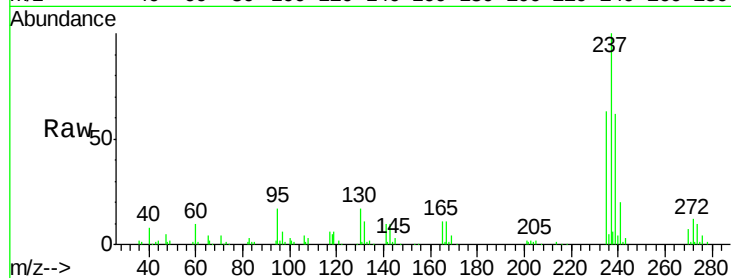




#41
Hexachlorocyclopentadiene
Concen: 26.339 ng
RT: 12.88 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

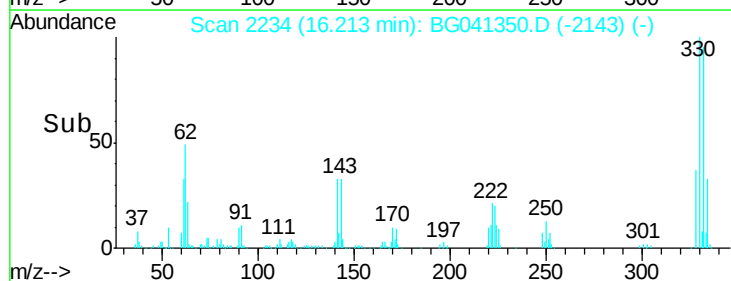
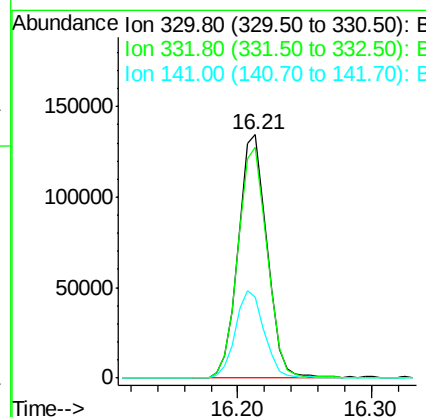
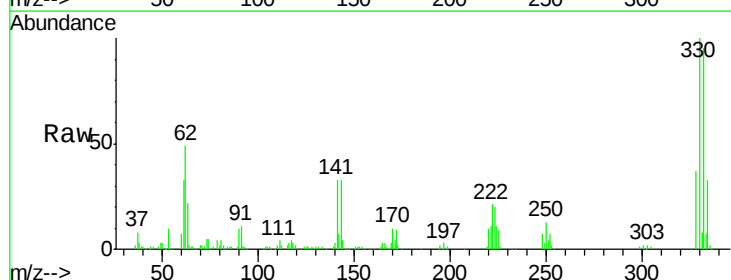
Instrument :
BNA_G
ClientSampleId :

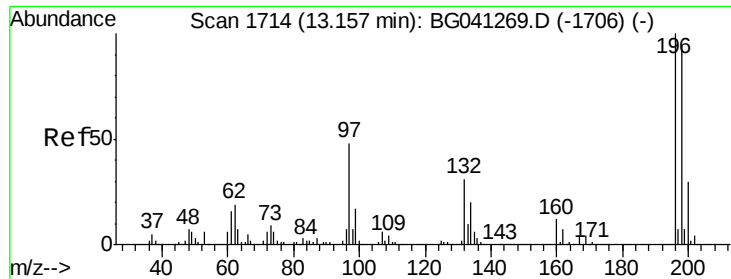
Tot Ion:237 Resp: 76820
Ion Ratio Lower Upper
237 100
235 63.2 42.9 82.9
272 12.2 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 125.368 ng
RT: 16.21 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion:330 Resp: 201820
Ion Ratio Lower Upper
330 100
332 96.6 75.5 113.3
141 36.4 29.0 43.4

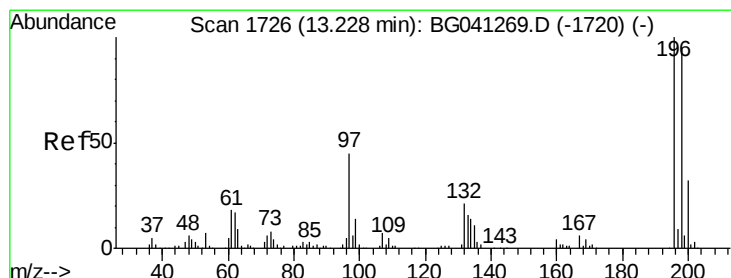
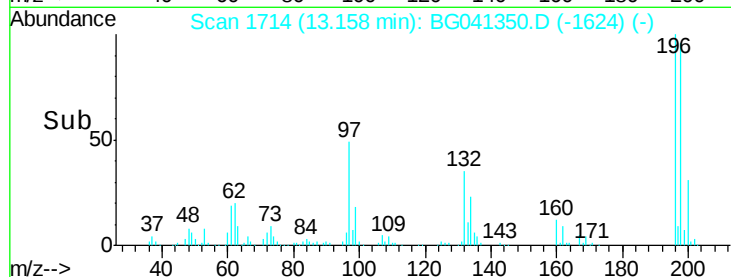
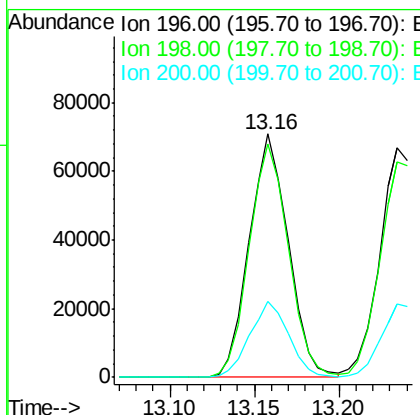
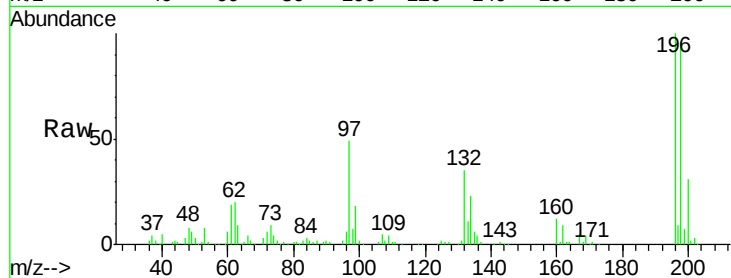




#43
 2,4,6-Trichlorophenol
 Concen: 42.386 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

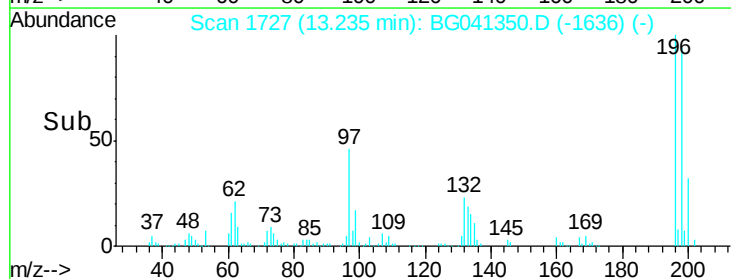
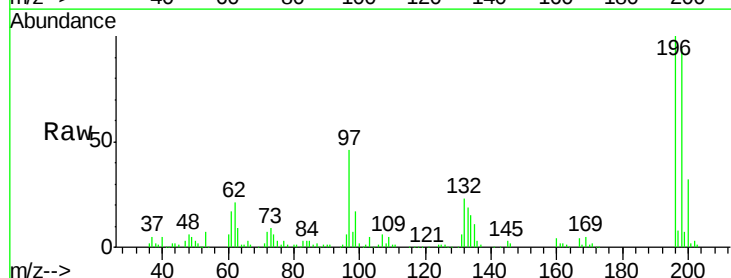
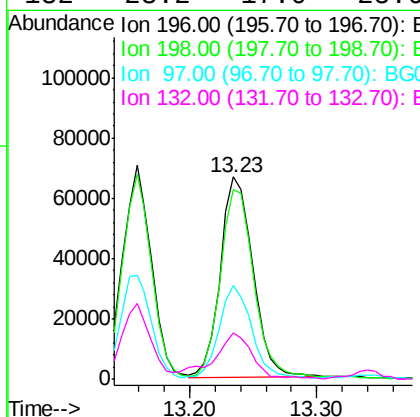
Instrument :
 BNA_G
 ClientSampled :

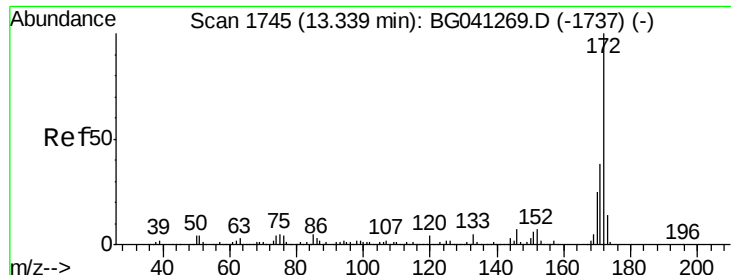
Tot Ion:196 Resp: 113534
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.9 112.3
 200 31.3 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.318 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion:196 Resp: 119387
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.1 114.1
 97 46.0 35.9 53.9
 132 23.2 17.0 25.6

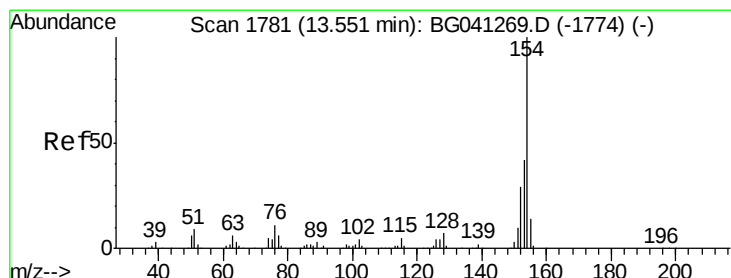
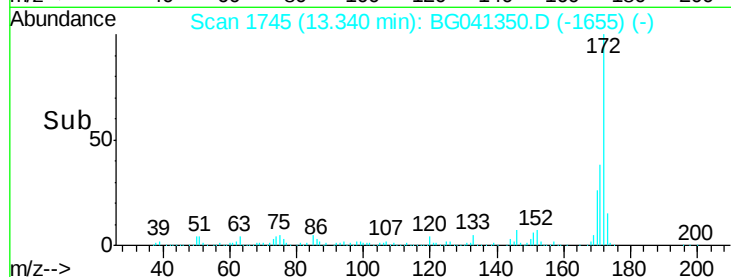
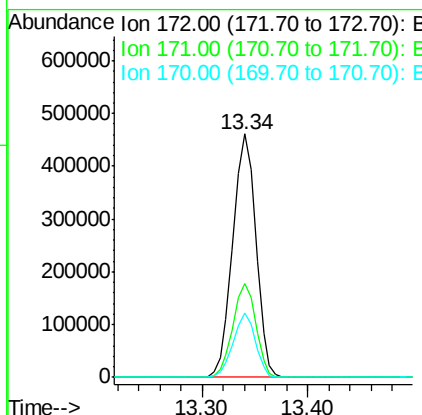
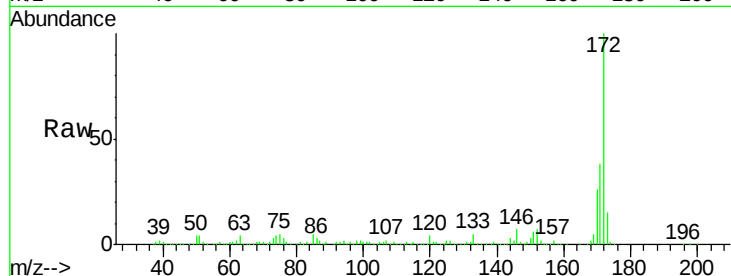




#45
2-Fluorobiphenyl
Concen: 90.343 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

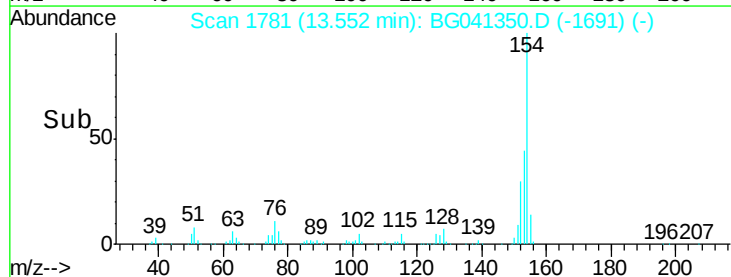
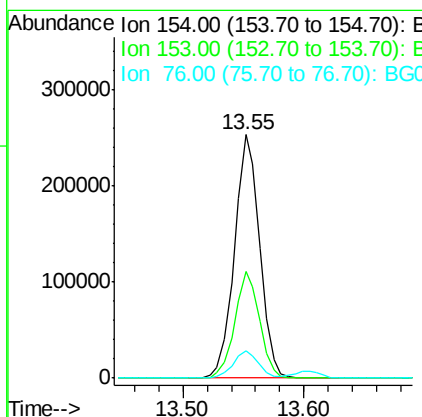
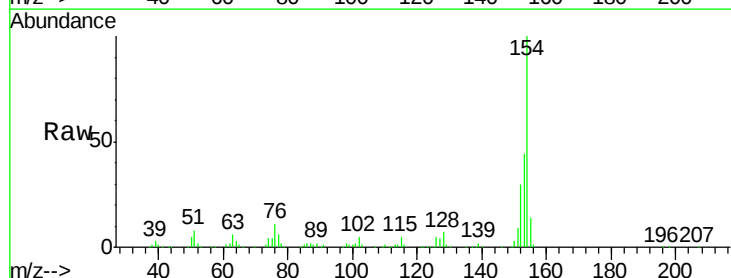
Instrument :
BNA_G
ClientSampleId :

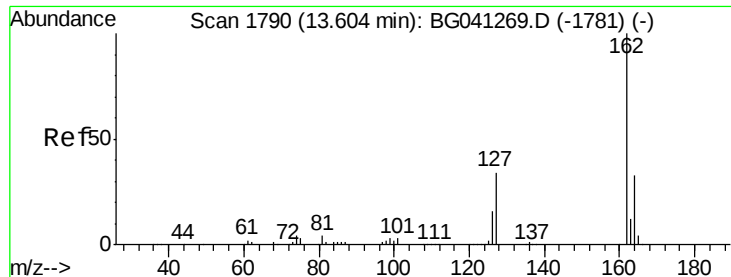
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	26.5	19.8	29.6



#46
1,1'-Biphenyl
Concen: 46.253 ng
RT: 13.55 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	22.3	62.3
76	11.2	0.0	30.8

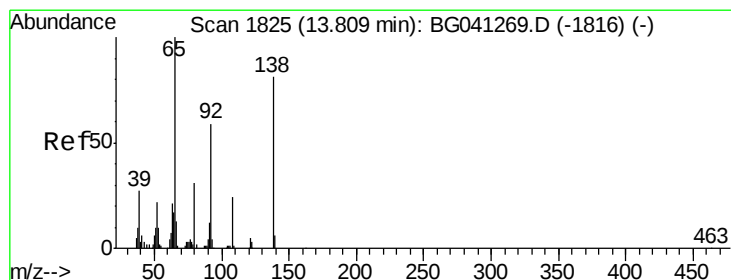
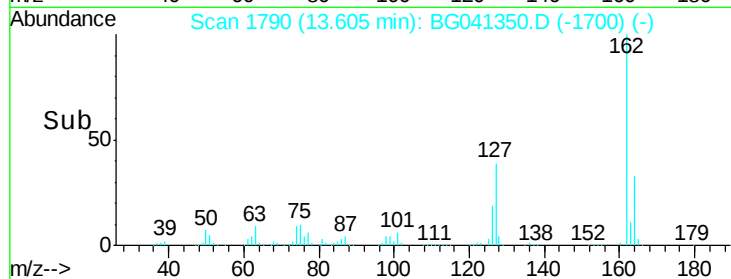
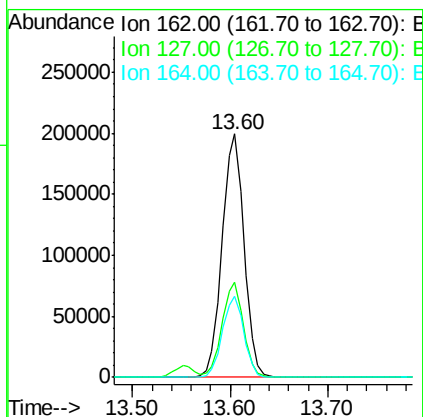
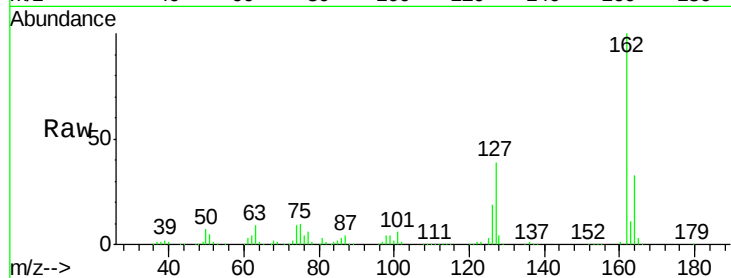




#47
2-Chloronaphthalene
Concen: 45.395 ng
RT: 13.60 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

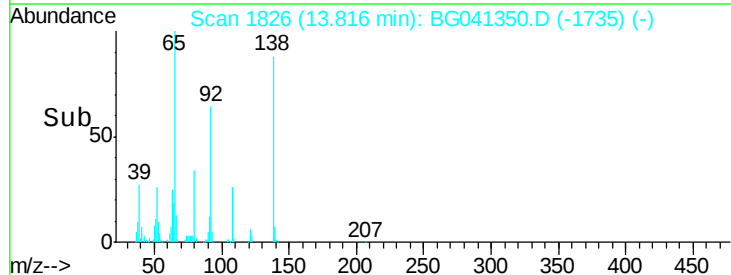
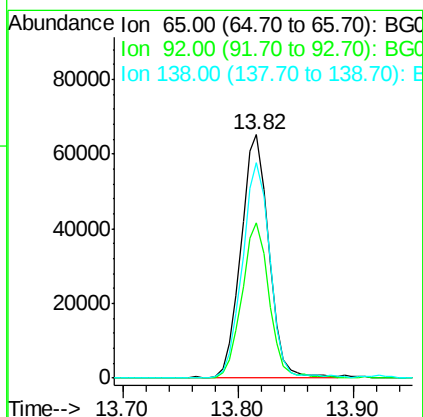
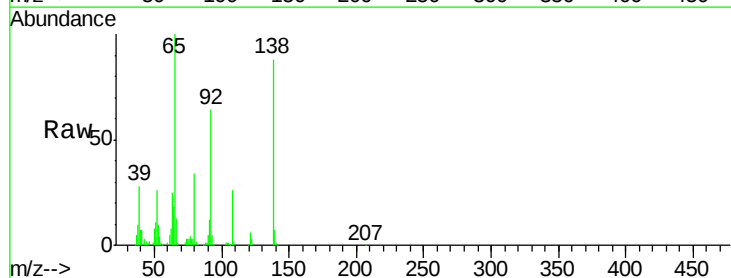
Instrument :
BNA_G
ClientSampleId :

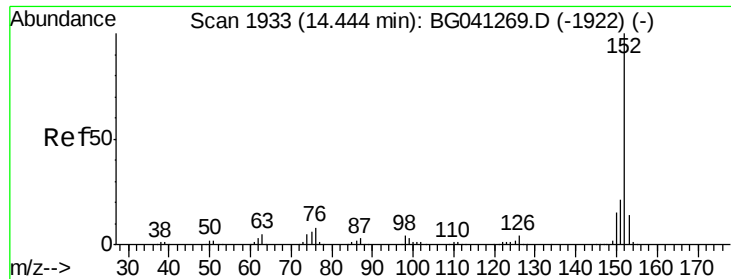
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.0	46.4
164	33.1	26.1	39.1



#48
2-Nitroaniline
Concen: 43.895 ng
RT: 13.82 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.7	47.4	71.2
138	88.4	64.7	97.1





#49

Acenaphthylene

Concen: 45.353 ng

RT: 14.44 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampleId :

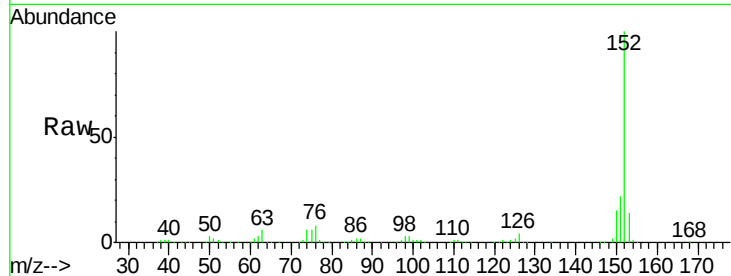
Tot Ion:152 Resp: 469702

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

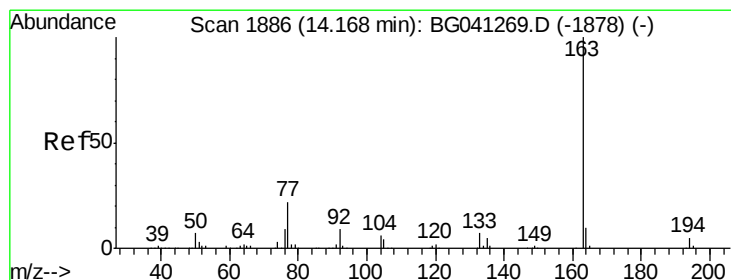
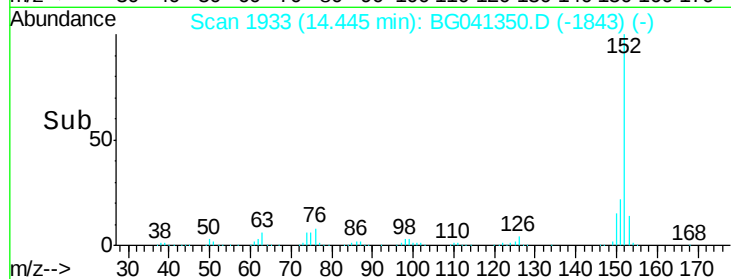
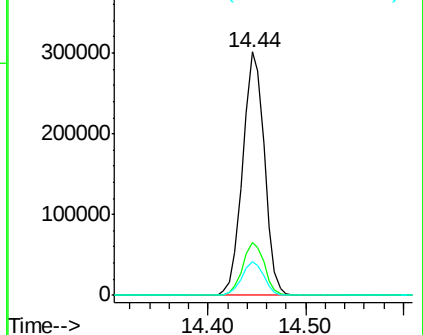
153 14.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.668 ng

RT: 14.17 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

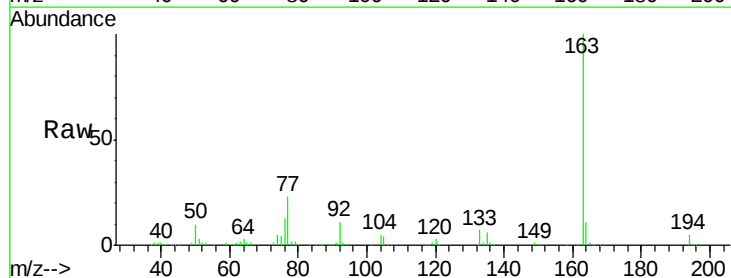
Tgt Ion:163 Resp: 398094

Ion Ratio Lower Upper

163 100

194 4.9 3.9 5.9

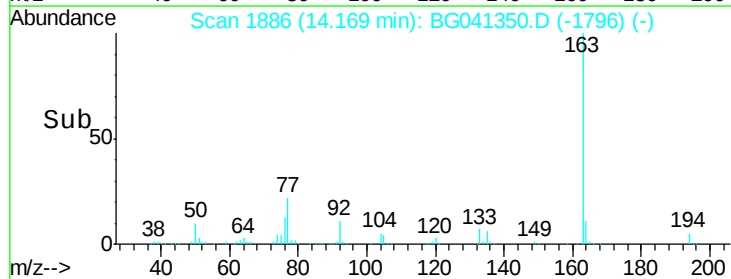
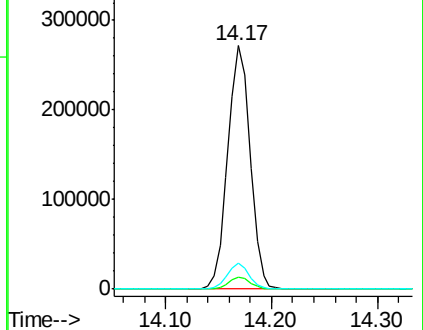
164 10.8 8.3 12.5

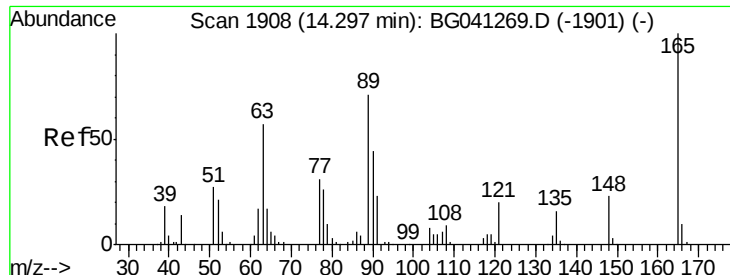


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

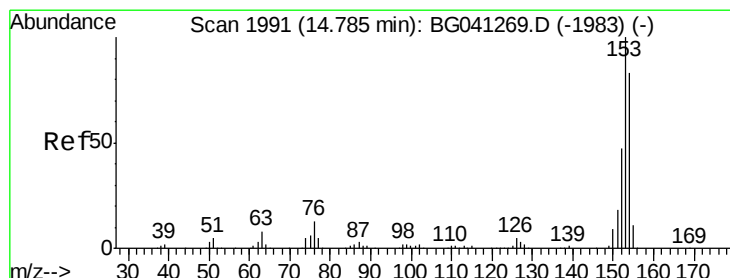
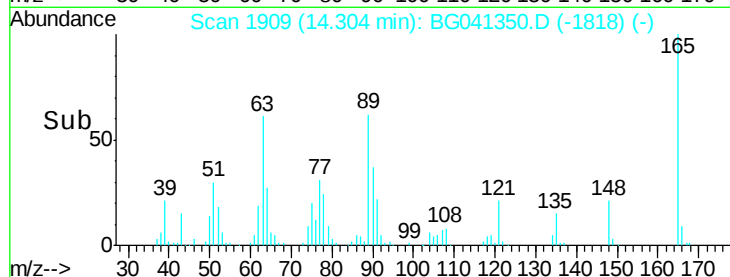
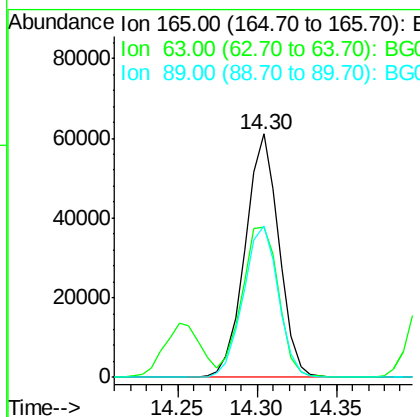
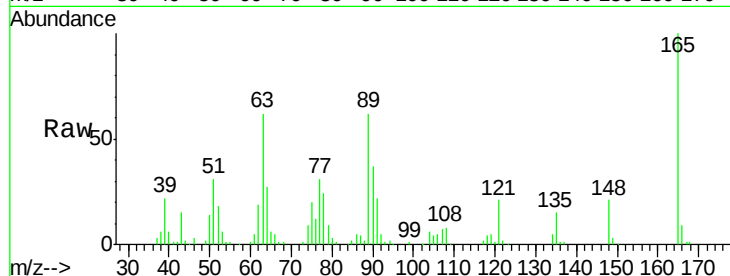




#51
2,6-Dinitrotoluene
Concen: 45.671 ng
RT: 14.30 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

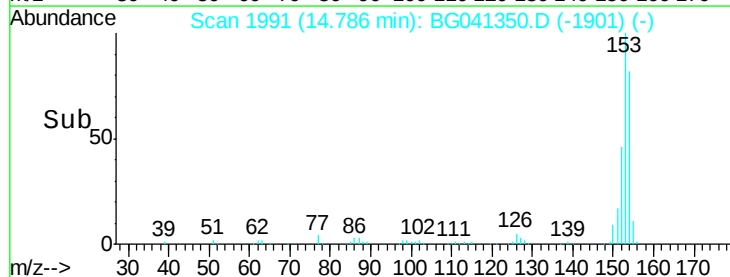
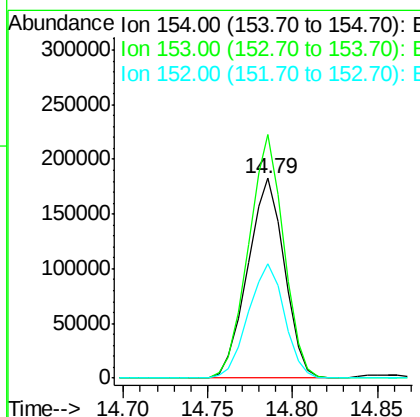
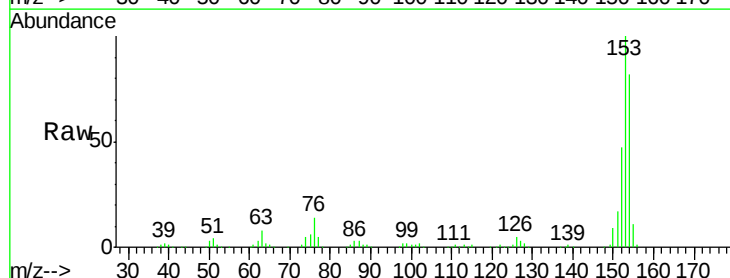
Instrument :
BNA_G
ClientSampled :

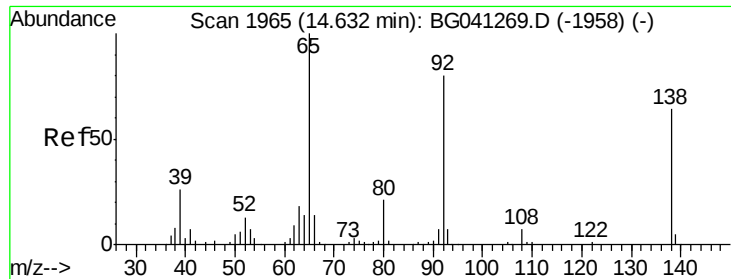
Tot Ion:165 Resp: 89847
Ion Ratio Lower Upper
165 100
63 61.7 55.4 83.0
89 62.1 56.5 84.7



#52
Acenaphthene
Concen: 45.686 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion:154 Resp: 277839
Ion Ratio Lower Upper
154 100
153 121.9 96.6 145.0
152 56.9 45.5 68.3





#53

3-Nitroaniline

Concen: 26.973 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampleId :

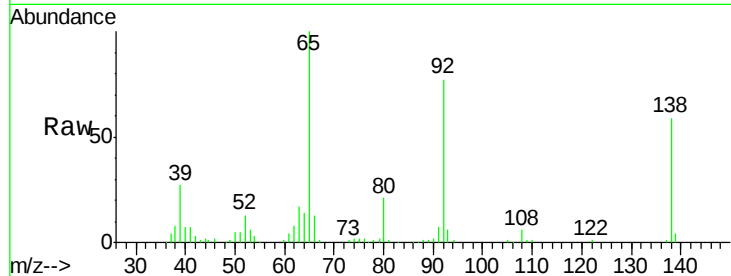
Tot Ion:138 Resp: 52280

Ion Ratio Lower Upper

138 100

108 10.6 8.3 12.5

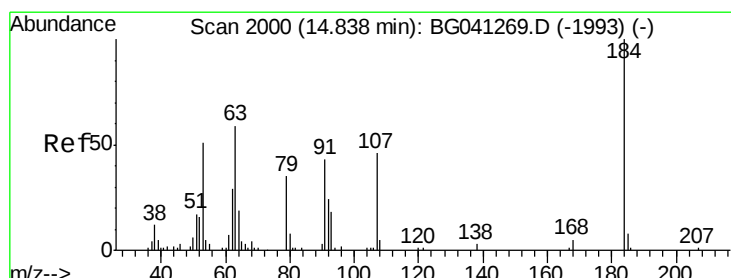
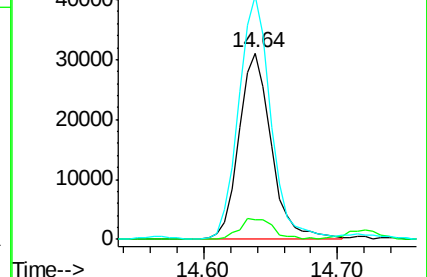
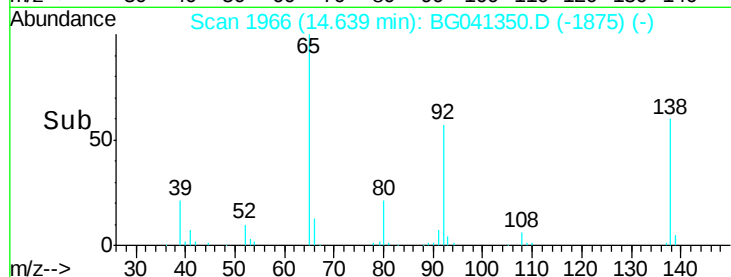
92 130.7 100.2 150.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 11.587 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.02 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

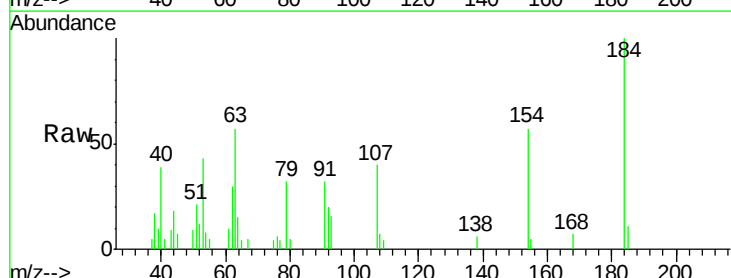
Tgt Ion:184 Resp: 10150

Ion Ratio Lower Upper

184 100

63 56.8 60.0 90.0#

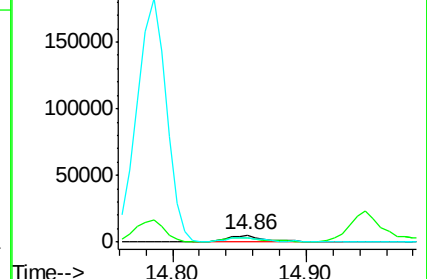
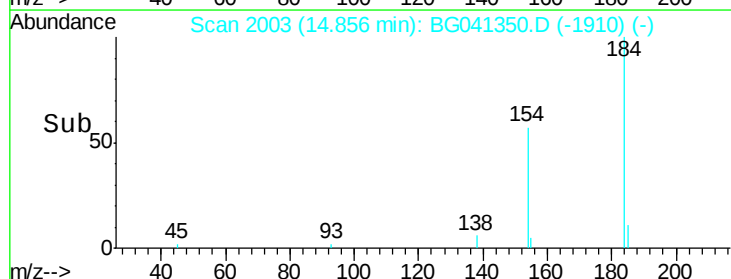
154 56.6 58.3 87.5#

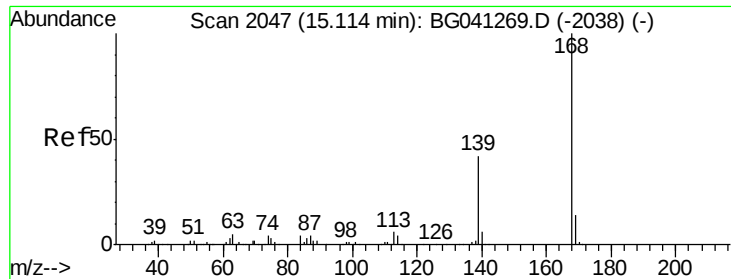


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

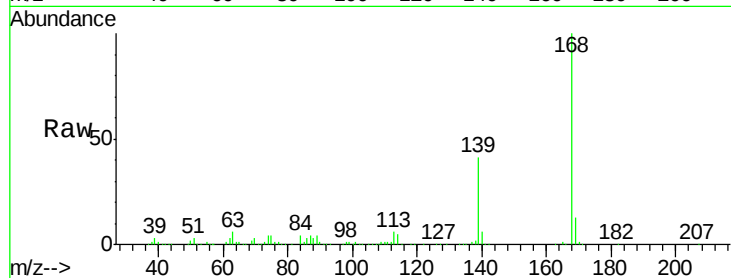




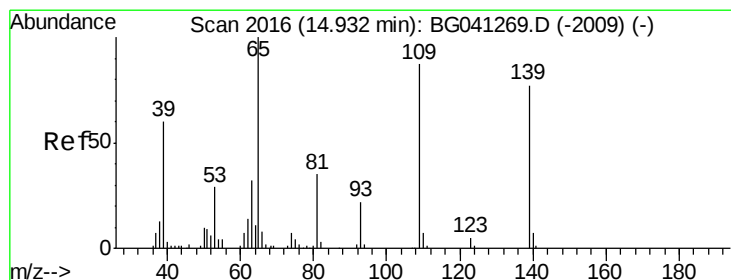
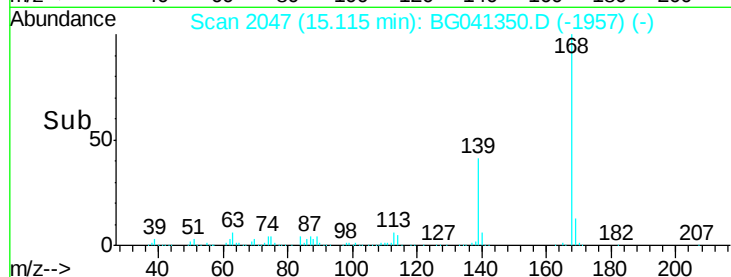
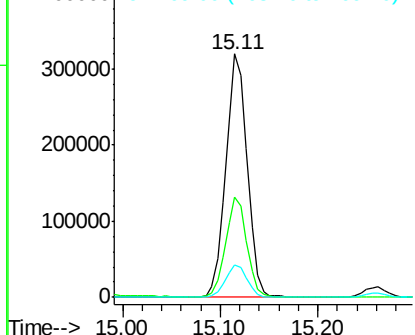
#55
Dibenzofuran
Concen: 45.794 ng
RT: 15.11 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 484214
Ion Ratio Lower Upper
168 100
139 41.4 33.6 50.4
169 13.5 10.8 16.2

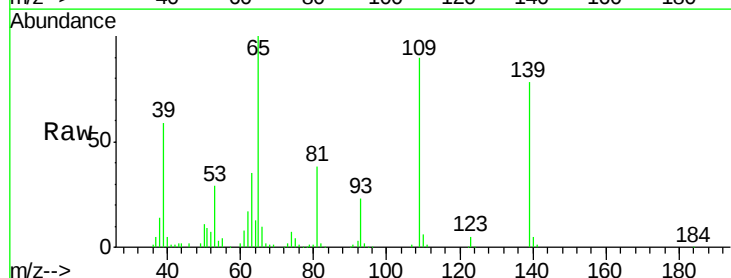


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

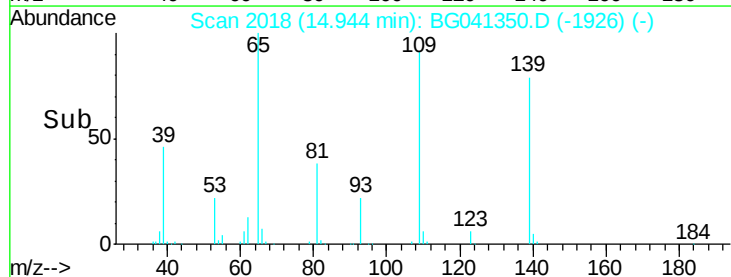
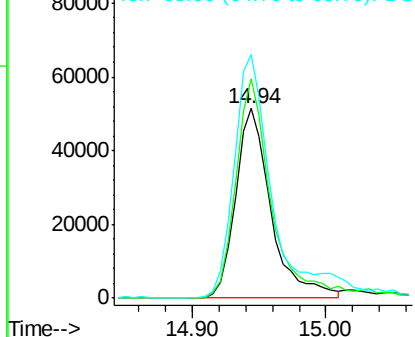


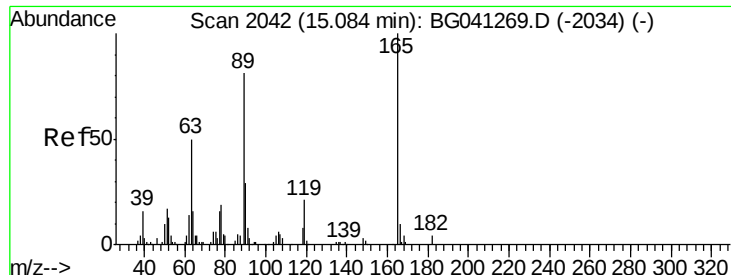
#56
4-Nitrophenol
Concen: 64.935 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion:139 Resp: 94684
Ion Ratio Lower Upper
139 100
109 116.0 93.2 133.2
65 128.6 110.2 150.2



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): BGO

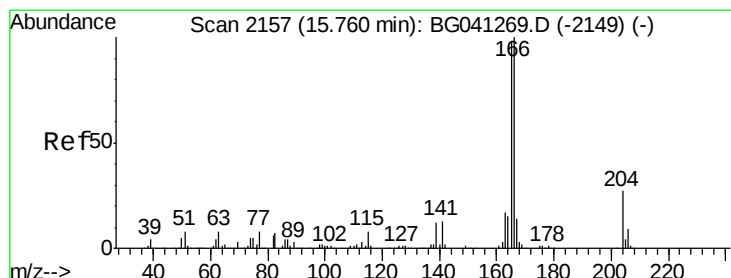
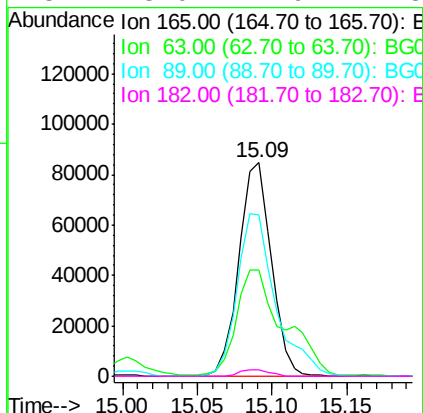
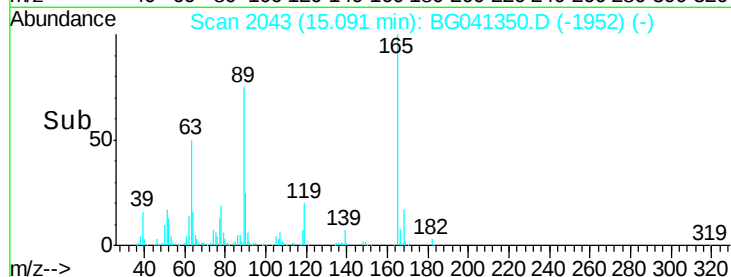
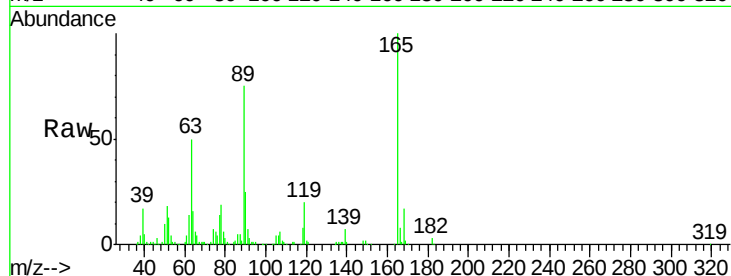




#57
2,4-Dinitrotoluene
Concen: 44.367 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

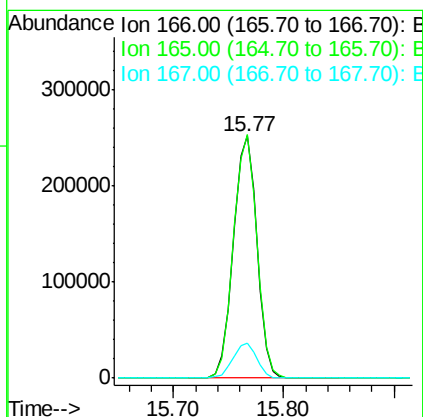
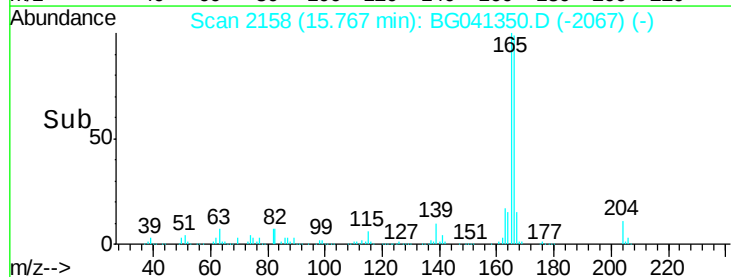
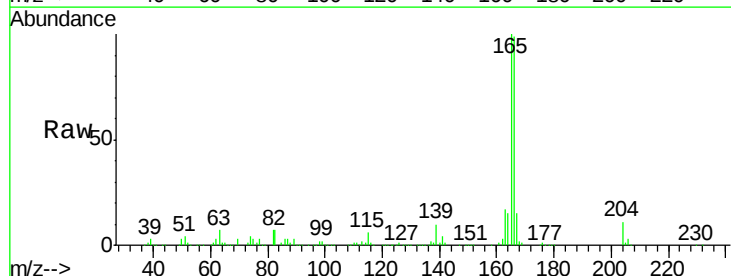
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	127588
Ion Ratio	Lower	Upper
165	100	
63	49.6	40.0 60.0
89	75.3	64.6 96.8
182	3.0	2.9 4.3



#58
Fluorene
Concen: 45.544 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion:166	Resp:	378821
Ion Ratio	Lower	Upper
166	100	
165	100.5	78.8 118.2
167	14.6	11.3 16.9

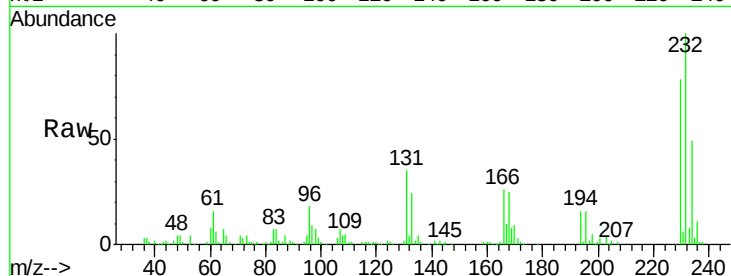




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.125 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.4	29.0	43.6
130	2.3	1.6	2.4
166	25.6	21.0	31.4

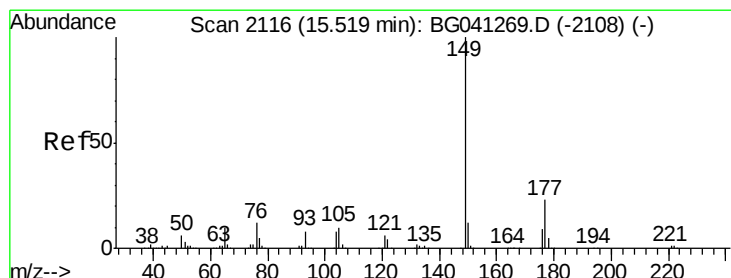
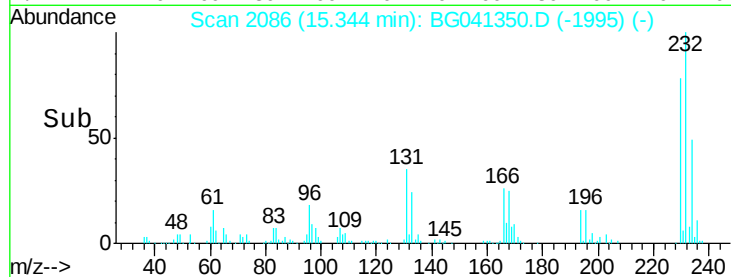
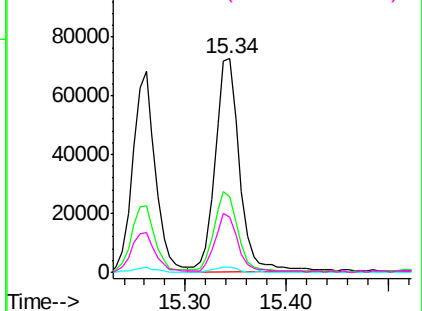


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

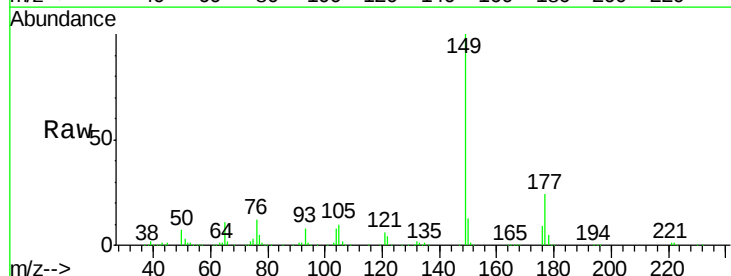
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.035 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

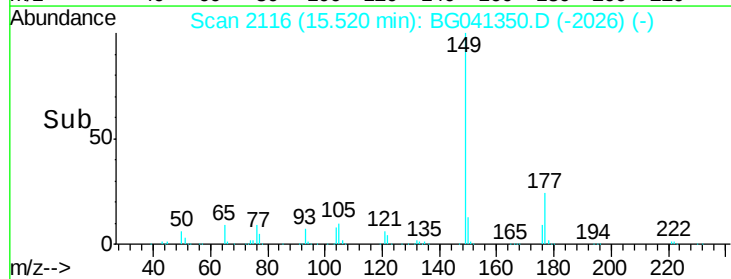
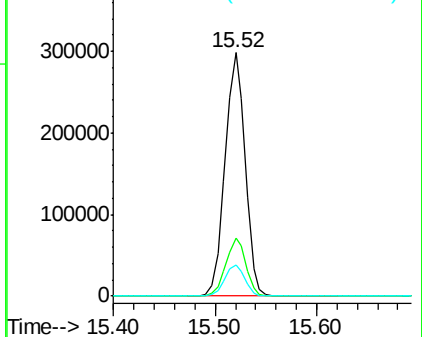
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.4	27.6
150	12.6	9.9	14.9

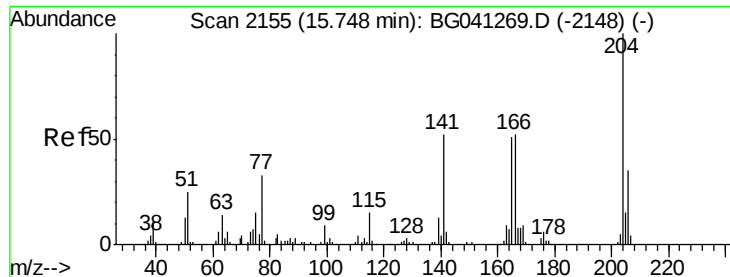


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

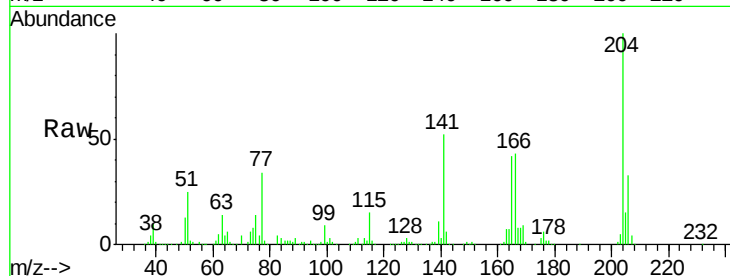




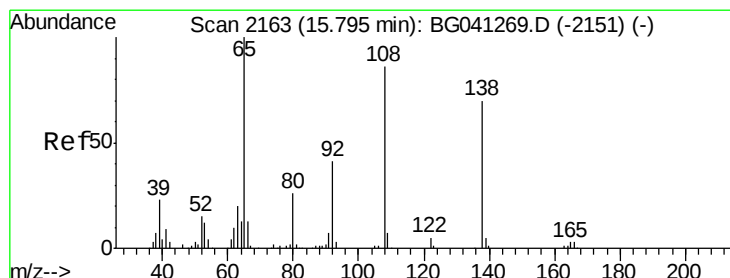
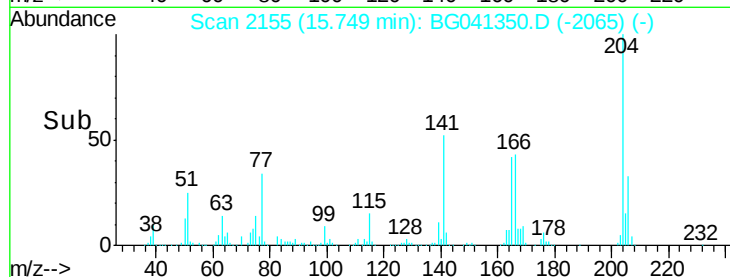
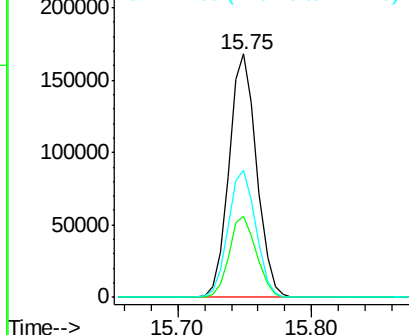
#61
4-Chlorophenyl-phenylether
Concen: 44.706 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 241940
Ion Ratio Lower Upper
204 100
206 33.5 27.9 41.9
141 52.2 41.4 62.0

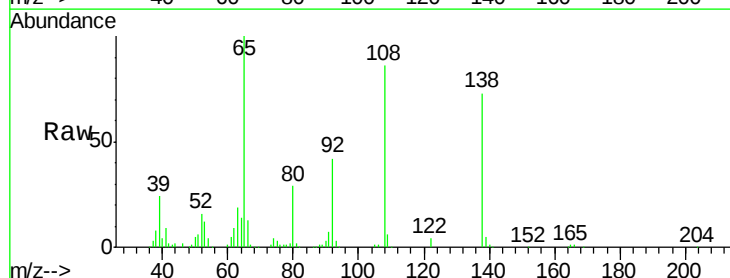


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

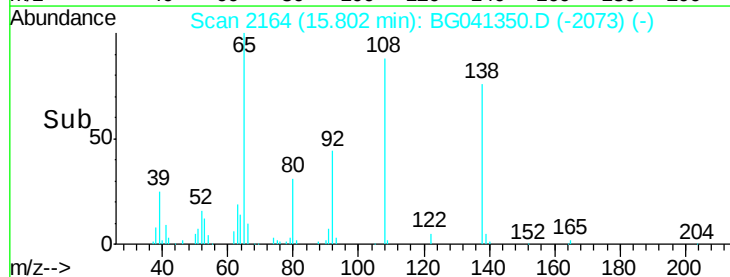
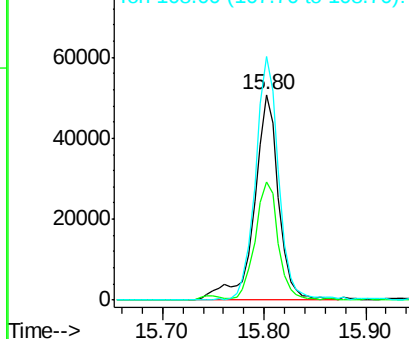


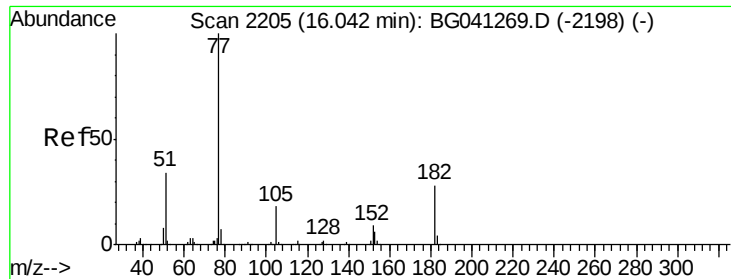
#62
4-Nitroaniline
Concen: 40.868 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion:138 Resp: 84718
Ion Ratio Lower Upper
138 100
92 57.2 38.8 78.8
108 118.3 103.4 143.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 45.255 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 382860

Ion	Ratio	Lower	Upper
77	100		
182	28.0	7.5	47.5
105	17.9	0.0	37.7
51	36.2	14.6	54.6

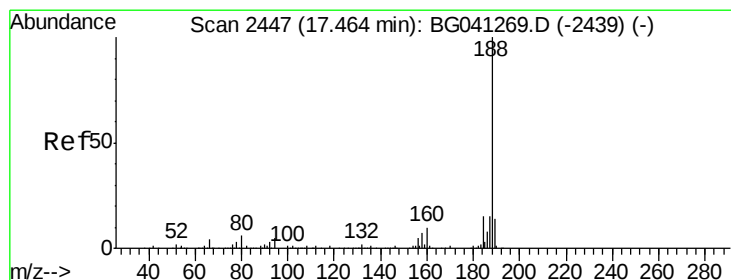
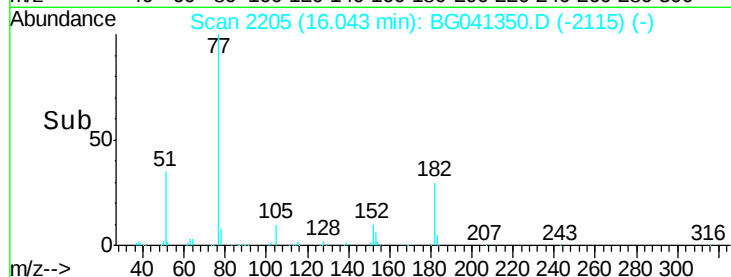
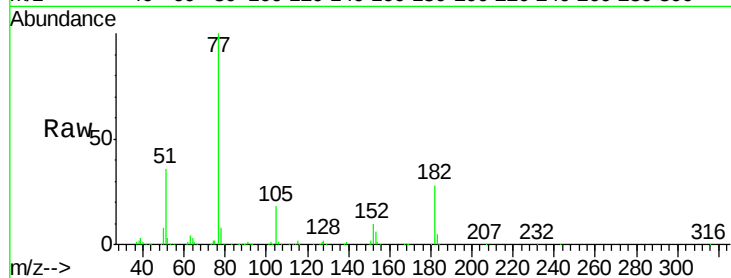
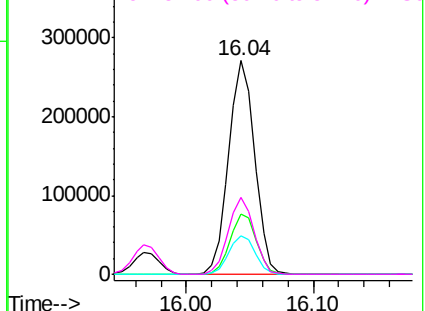
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Tgt Ion: 188 Resp: 258383

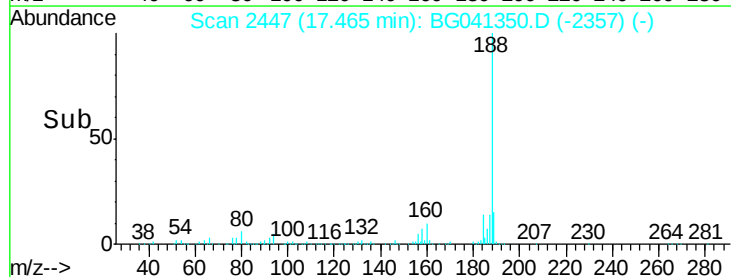
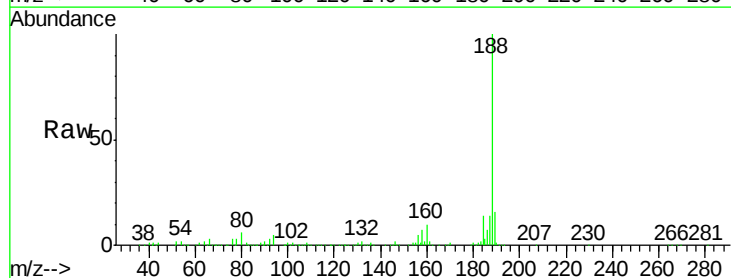
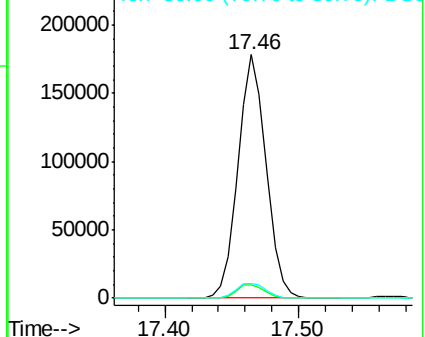
Ion	Ratio	Lower	Upper
188	100		
94	5.3	3.6	5.4
80	6.1	4.8	7.2

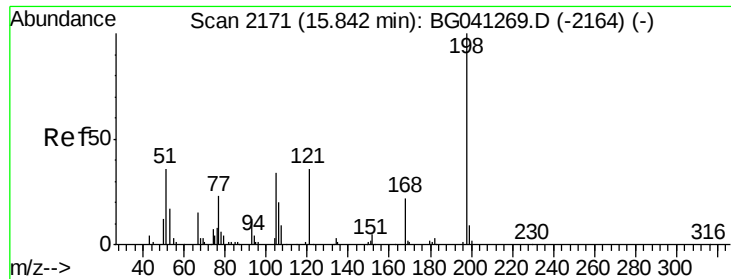
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 8.182 ng

RT: 15.85 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampleId :

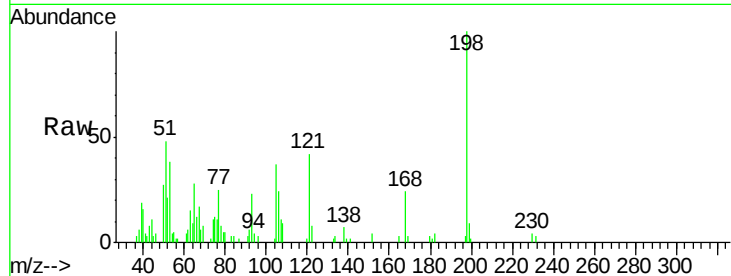
Tot Ion:198 Resp: 13722

Ion Ratio Lower Upper

198 100

51 48.0 23.4 63.4

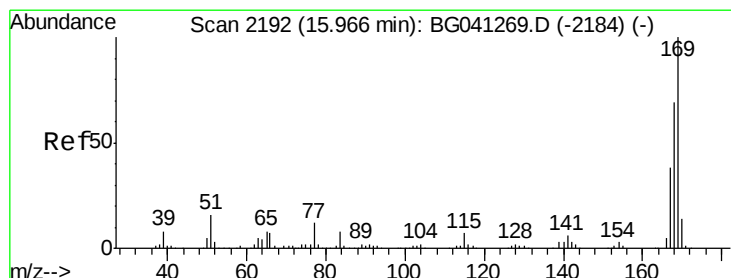
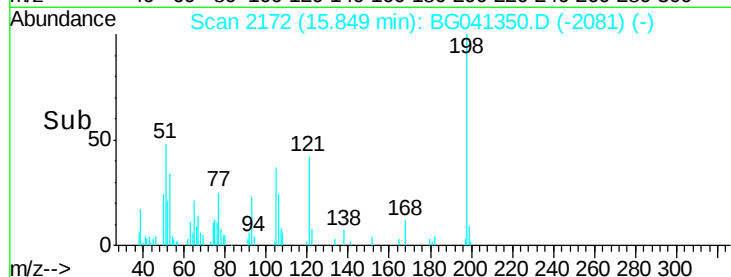
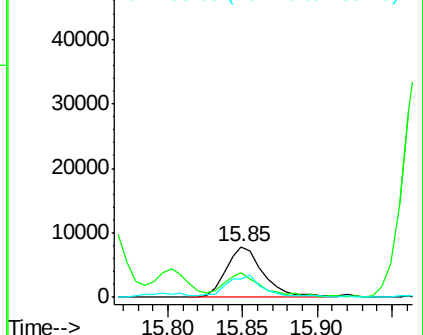
105 36.6 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): B

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.847 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

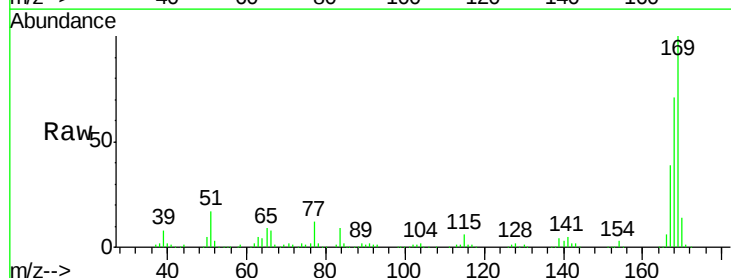
Tgt Ion:169 Resp: 341988

Ion Ratio Lower Upper

169 100

168 71.1 55.2 82.8

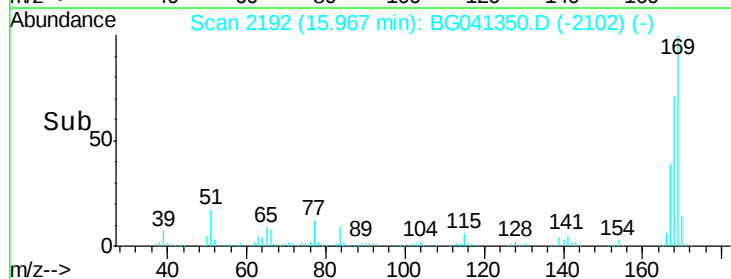
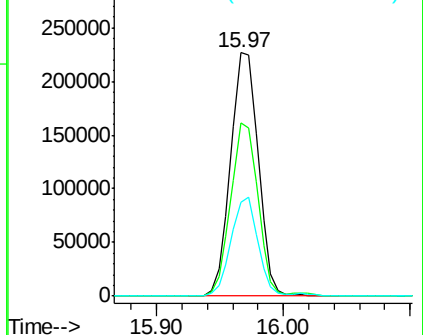
167 38.6 30.4 45.6

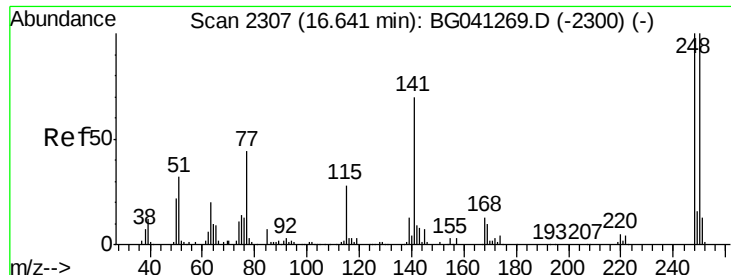


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

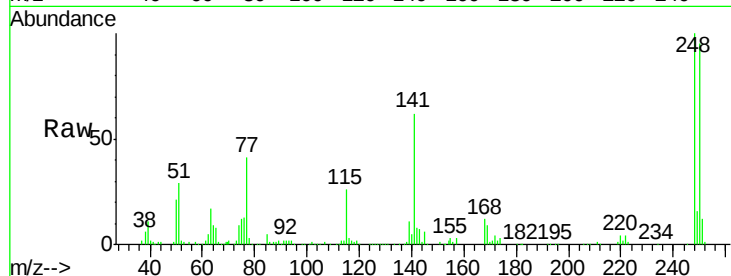




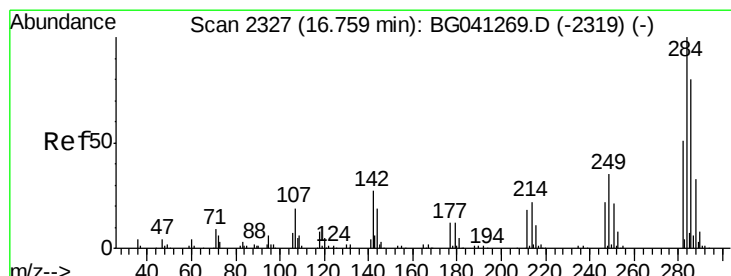
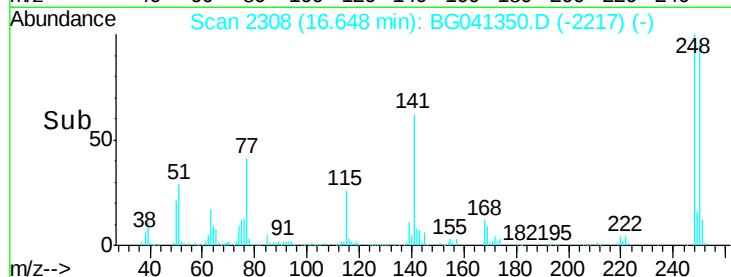
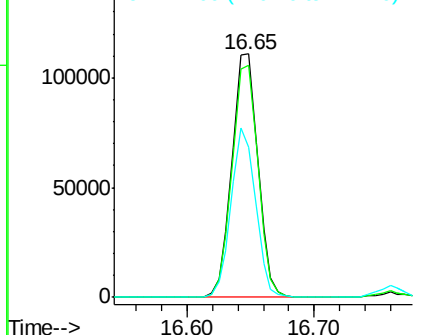
#67
 4-Bromophenyl-phenylether
 Concen: 47.034 ng
 RT: 16.65 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 157138
 Ion Ratio Lower Upper
 248 100
 250 95.2 79.8 119.8
 141 61.9 55.8 83.6

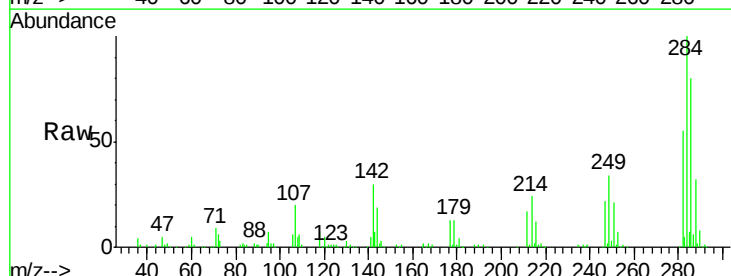


Abundance Ion 248.00 (247.70 to 248.70): E
 150000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

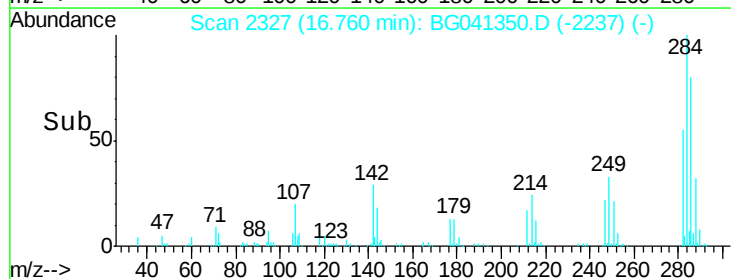
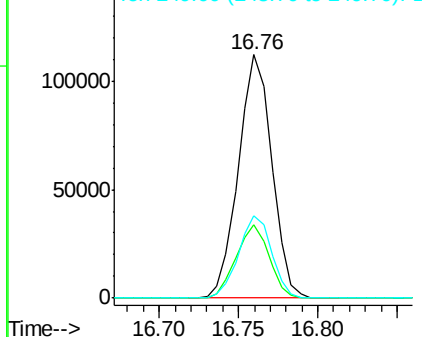


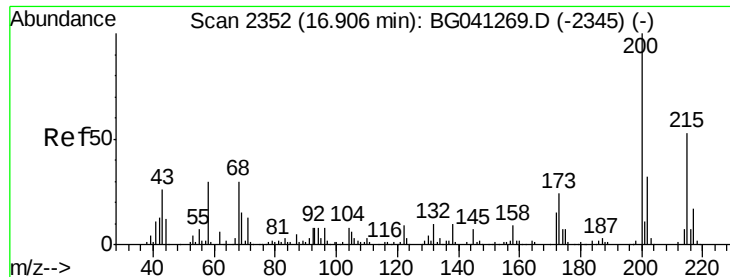
#68
 Hexachlorobenzene
 Concen: 45.807 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion:284 Resp: 163881
 Ion Ratio Lower Upper
 284 100
 142 30.3 21.8 32.8
 249 33.6 27.8 41.6



Abundance Ion 283.80 (283.50 to 284.50): E
 150000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: Below Cal

RT: 16.91 min Scan# 2353

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampleId :

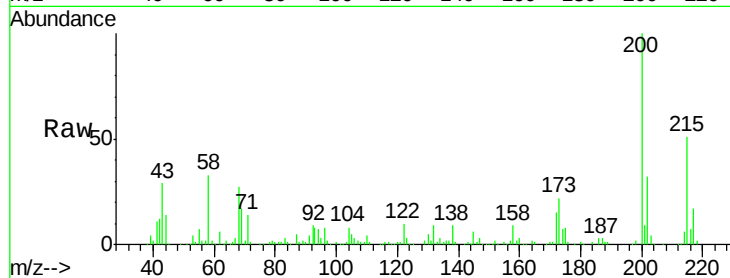
Tot Ion:200 Resp: 145590

Ion Ratio Lower Upper

200 100

173 22.1 4.0 44.0

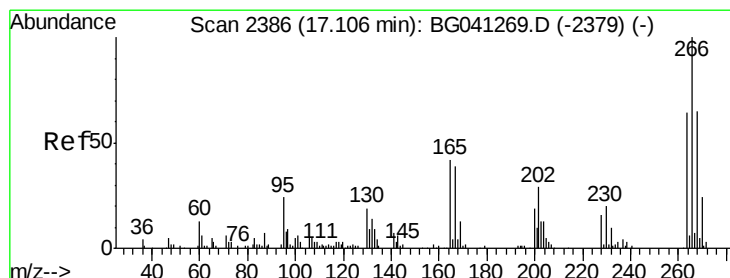
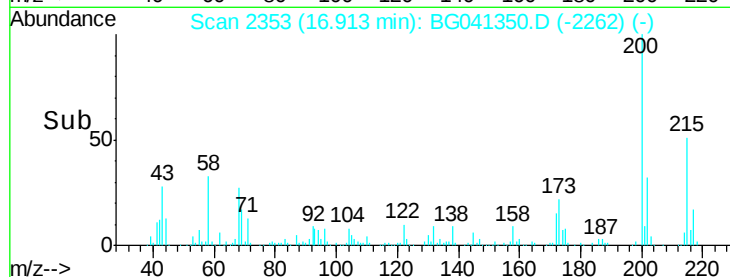
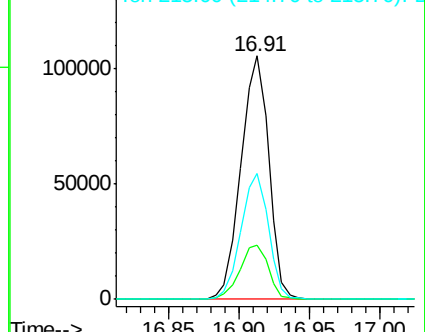
215 51.5 33.4 73.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 41.924 ng

RT: 17.11 min Scan# 2387

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

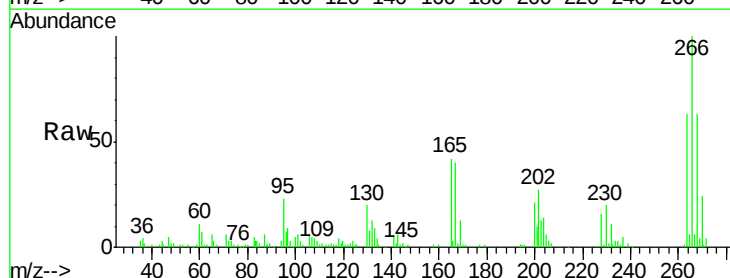
Tgt Ion:266 Resp: 76802

Ion Ratio Lower Upper

266 100

268 63.4 52.0 78.0

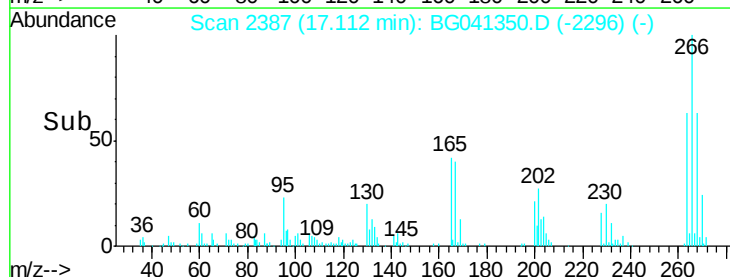
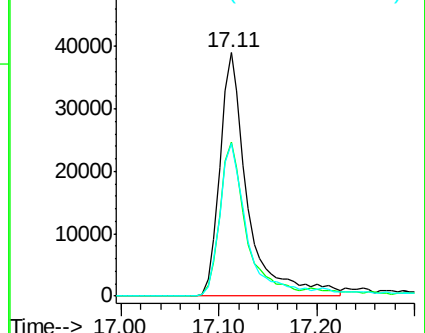
264 62.9 51.2 76.8

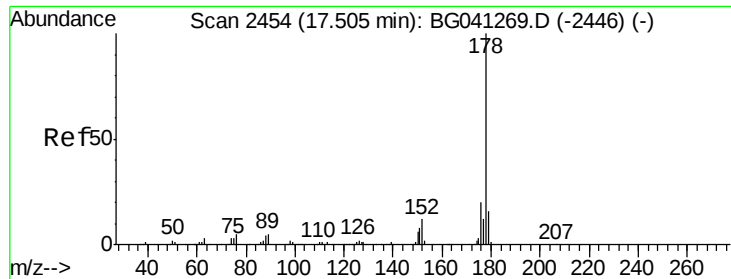


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

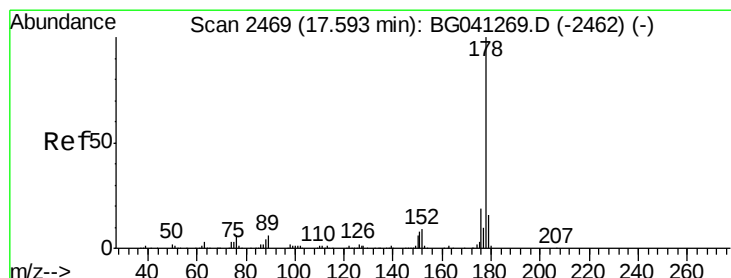
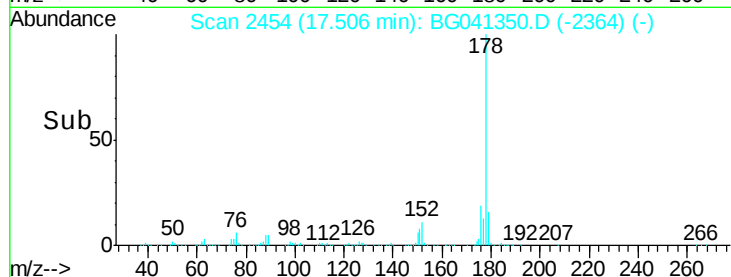
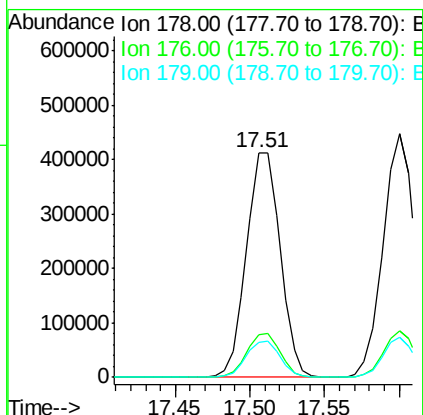
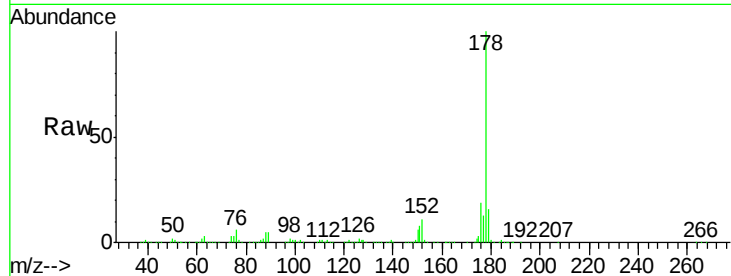




#71
Phenanthrene
Concen: 46.885 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

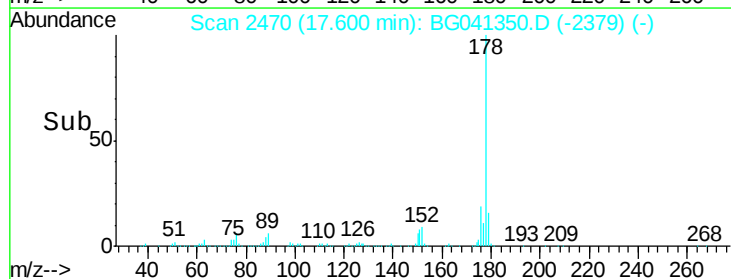
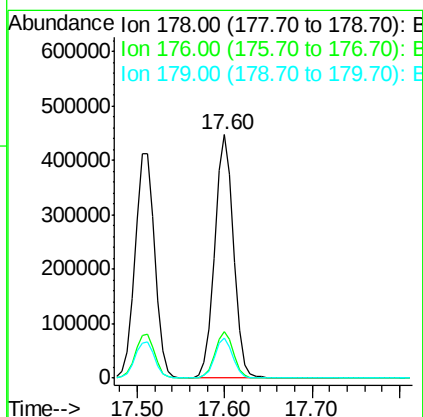
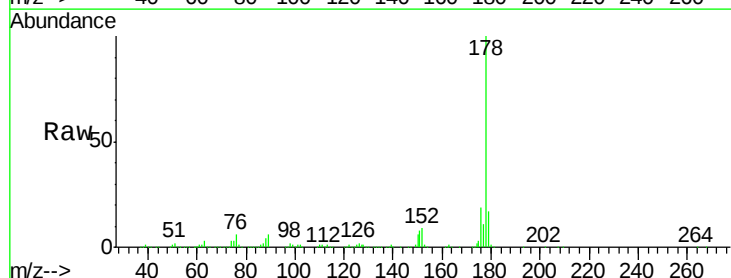
Instrument :
BNA_G
ClientSampleId :

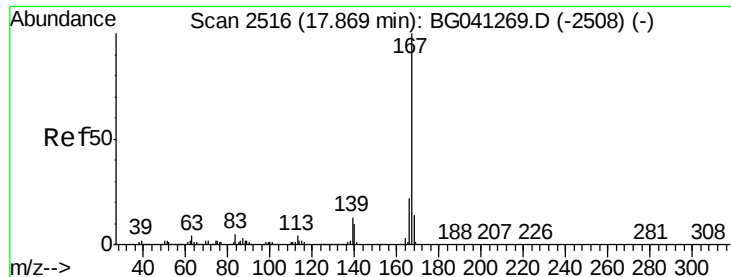
Tot Ion:178 Resp: 646104
Ion Ratio Lower Upper
178 100
176 18.7 16.1 24.1
179 15.9 12.9 19.3



#72
Anthracene
Concen: 49.235 ng
RT: 17.60 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion:178 Resp: 668898
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 16.5 13.0 19.4

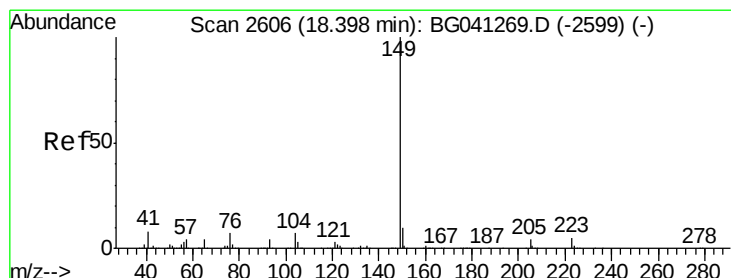
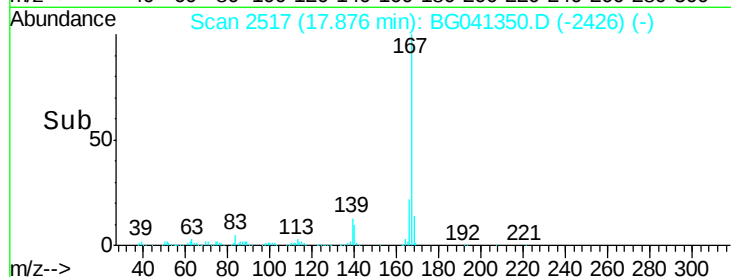
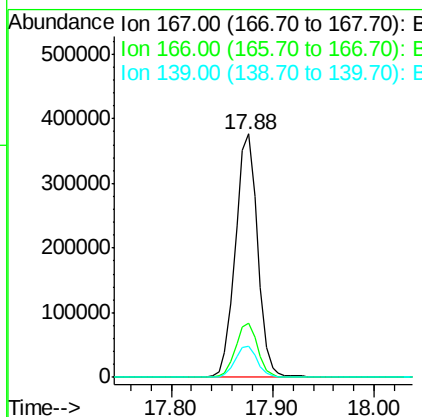
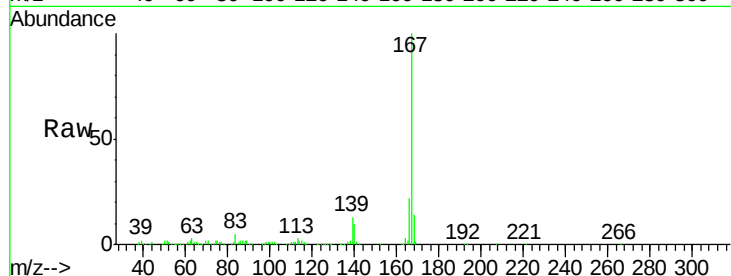




#73
 Carbazole
 Concen: 48.255 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

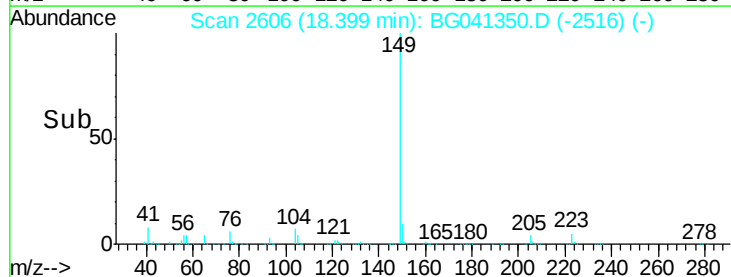
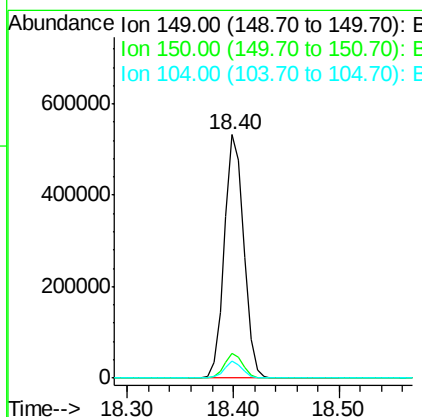
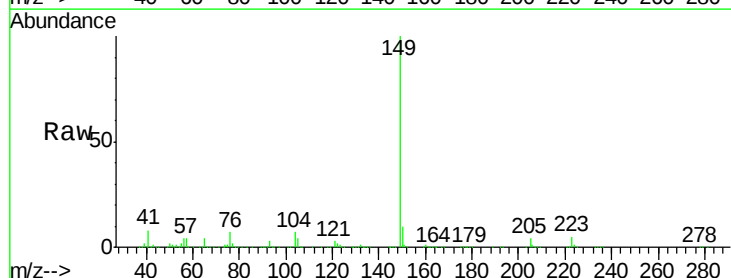
Instrument :
 BNA_G
 ClientSampled :

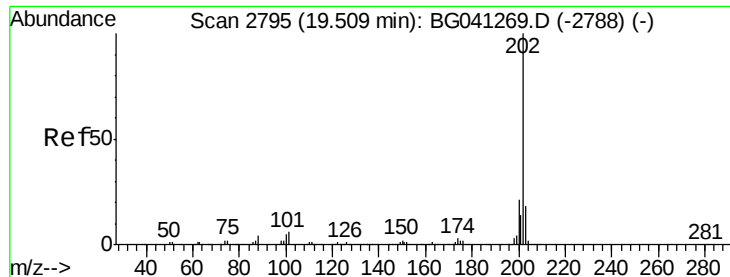
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.9	26.9
139	12.8	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 45.726 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	6.8	5.4	8.0





#75

Fluoranthene

Concen: 45.233 ng

RT: 19.52 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

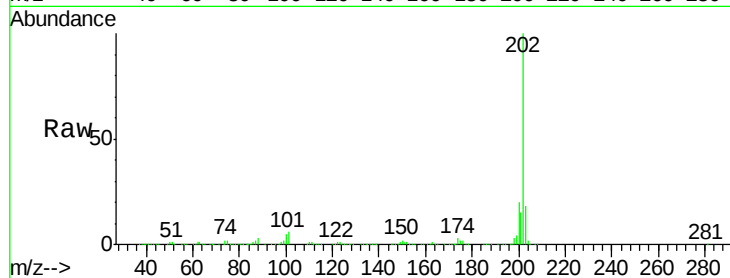
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 828107

Ion	Ratio	Lower	Upper
202	100		
101	5.7	0.0	26.0
203	18.4	0.0	37.7

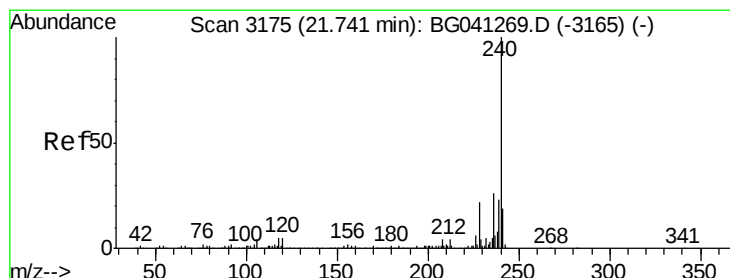
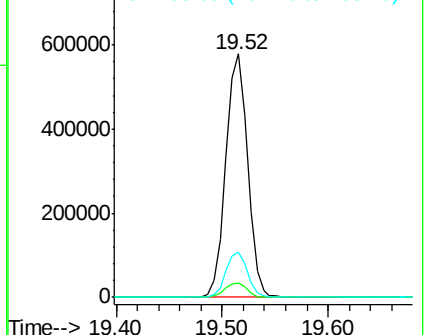
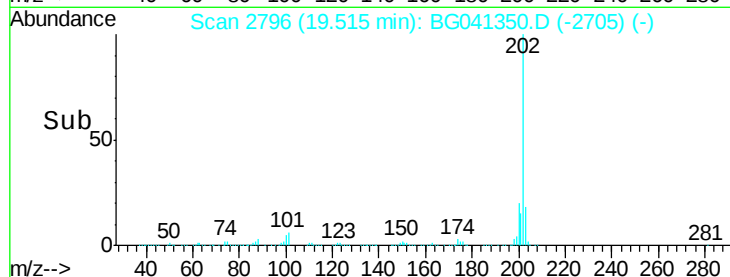


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3176

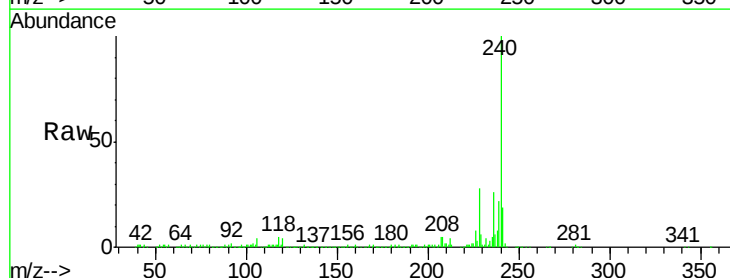
Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Tgt Ion:240 Resp: 253155

Ion	Ratio	Lower	Upper
240	100		
120	4.4	3.7	5.5
236	25.9	21.1	31.7

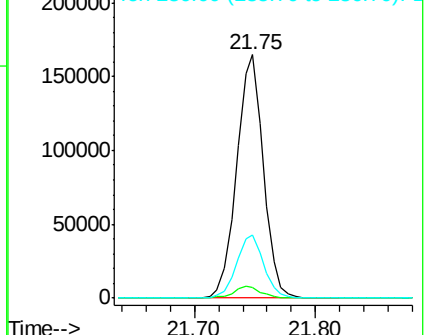
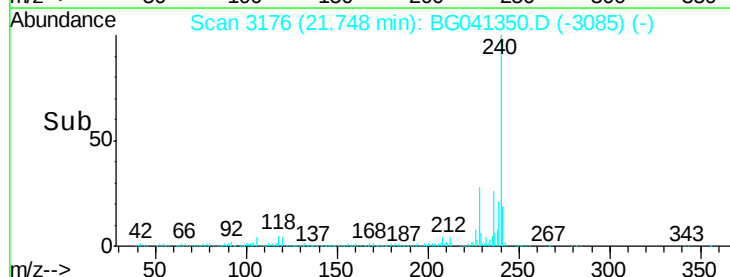


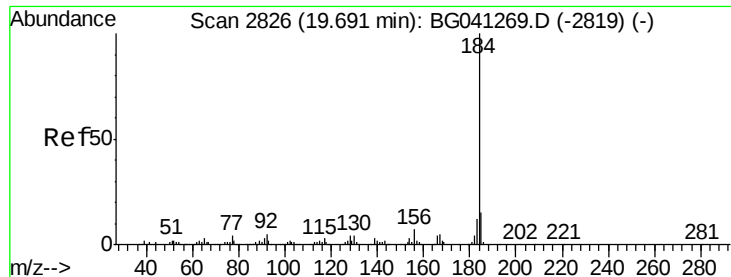
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.297 ng

RT: 19.70 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampleId :

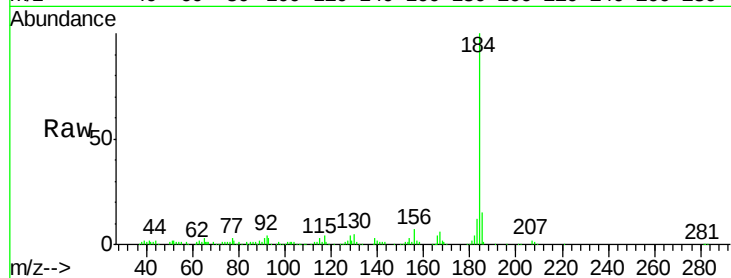
Tot Ion:184 Resp: 142654

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

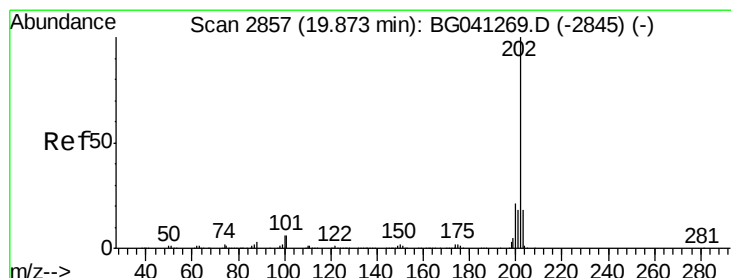
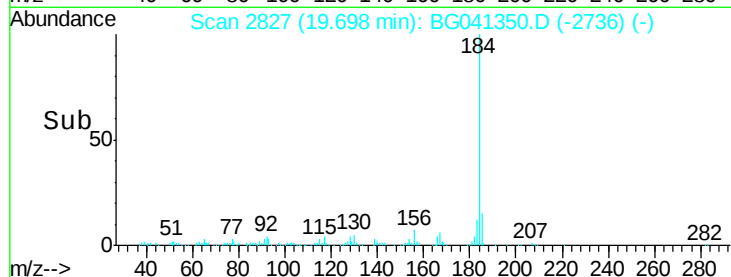
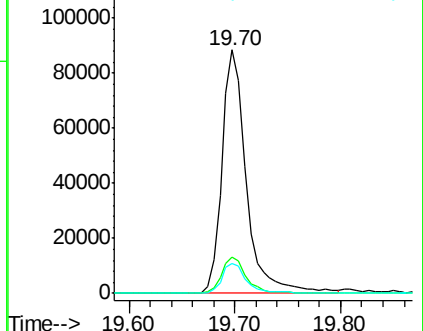
183 12.2 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.732 ng

RT: 19.88 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

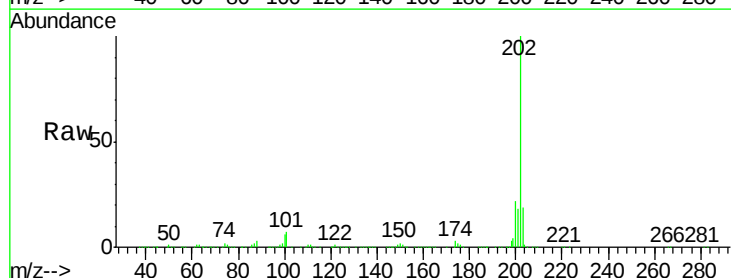
Tgt Ion:202 Resp: 832005

Ion Ratio Lower Upper

202 100

200 22.2 16.8 25.2

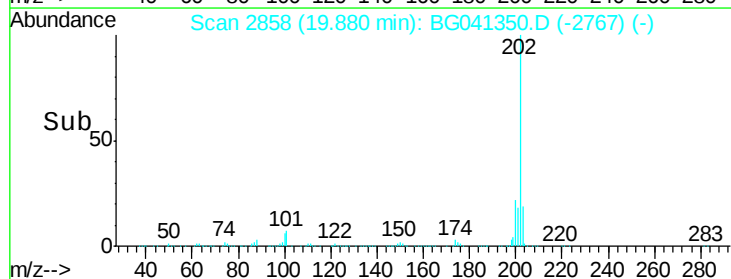
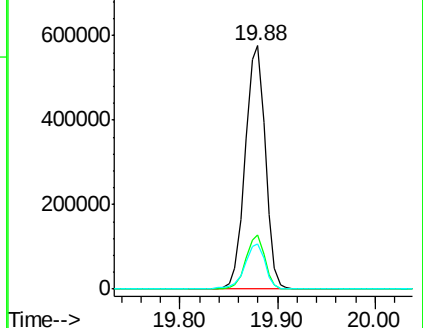
203 18.7 14.6 21.8

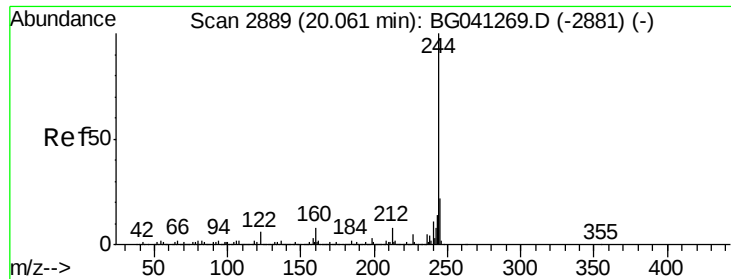


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.173 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampled :

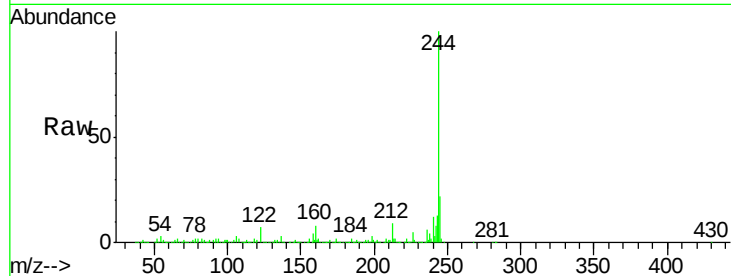
Tot Ion:244 Resp: 1202974

Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

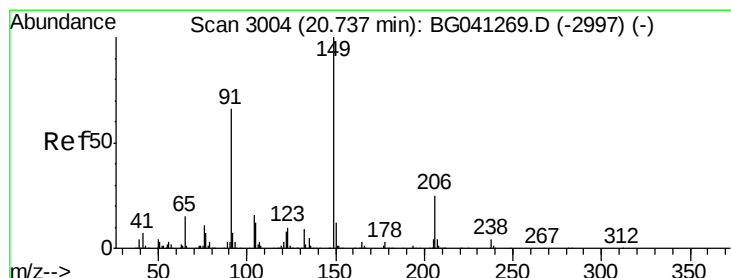
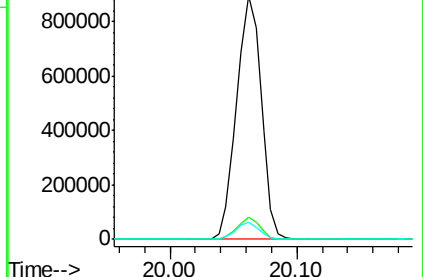
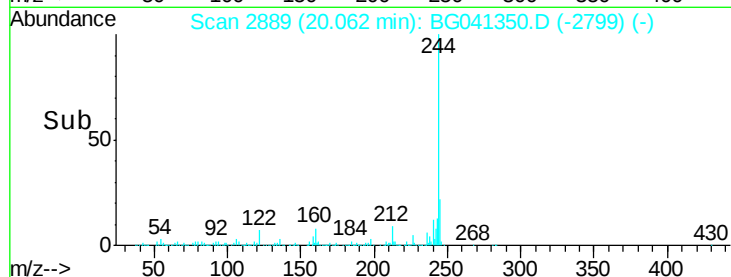
122 6.7 5.0 7.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.972 ng

RT: 20.74 min Scan# 3005

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

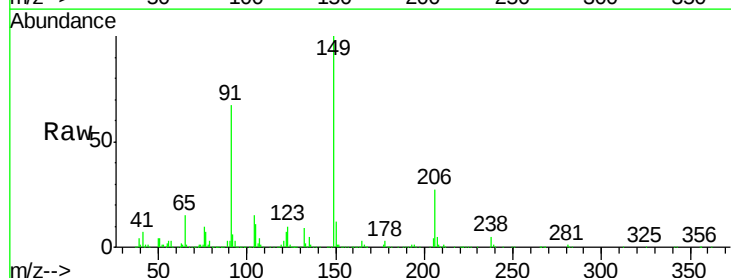
Tgt Ion:149 Resp: 309793

Ion Ratio Lower Upper

149 100

91 67.4 53.2 79.8

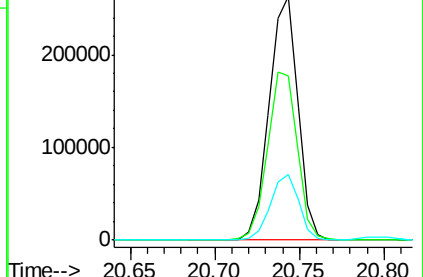
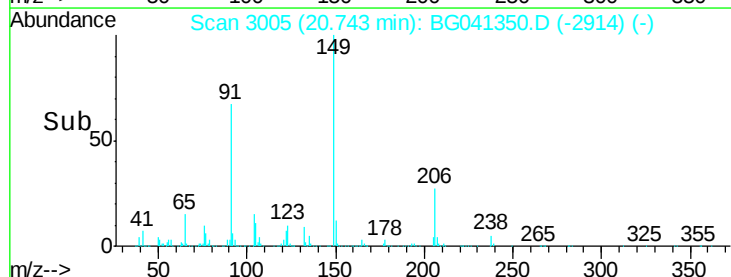
206 27.2 20.3 30.5

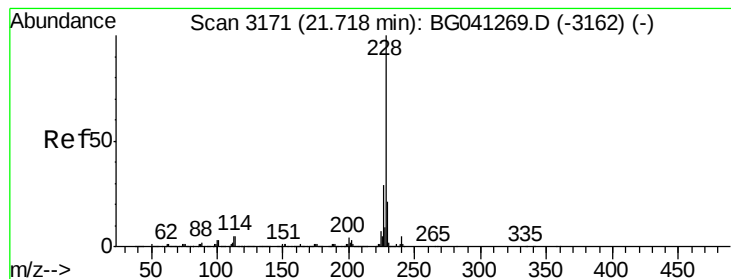


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.611 ng

RT: 21.72 min Scan# 3172

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampleId :

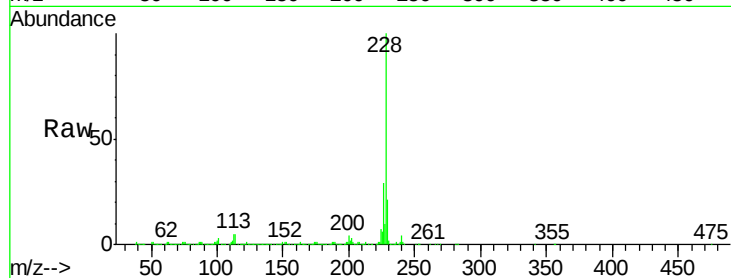
Tot Ion:228 Resp: 798949

Ion Ratio Lower Upper

228 100

226 28.6 23.2 34.8

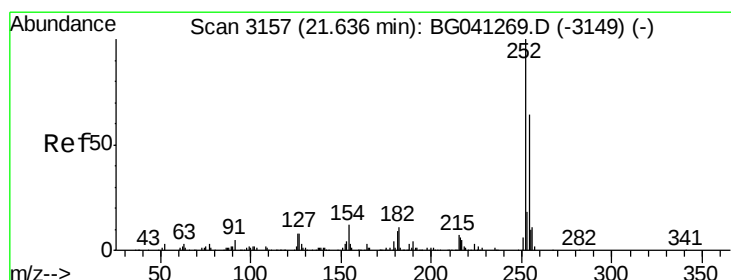
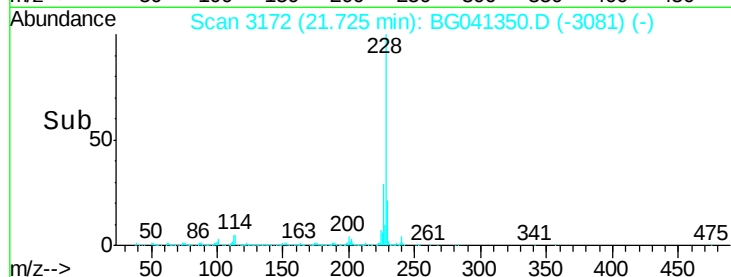
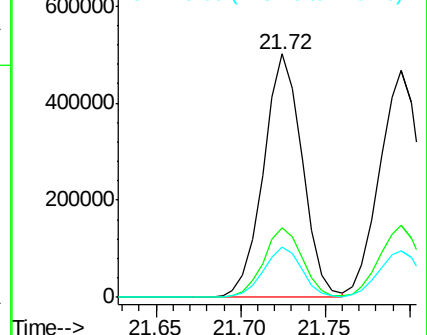
229 20.5 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.763 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

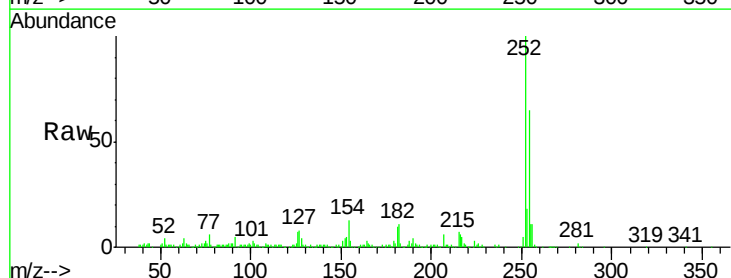
Tgt Ion:252 Resp: 161038

Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.0

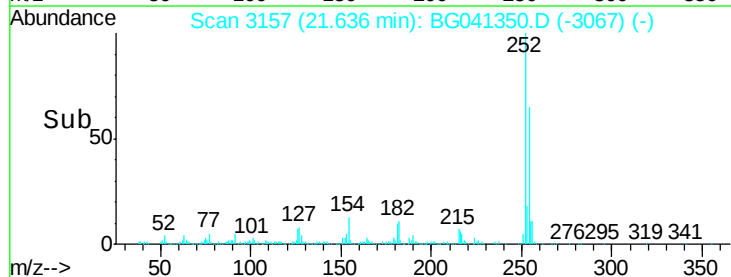
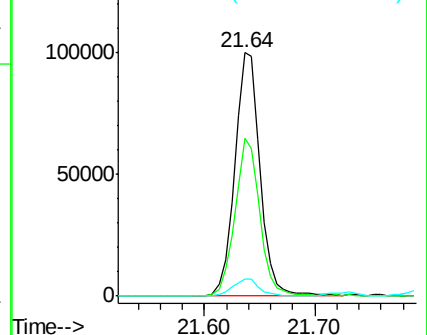
126 6.8 6.0 9.0

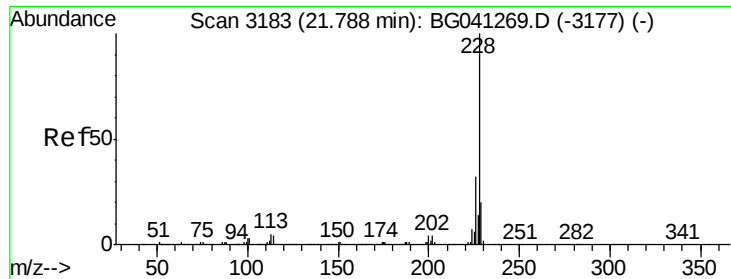


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

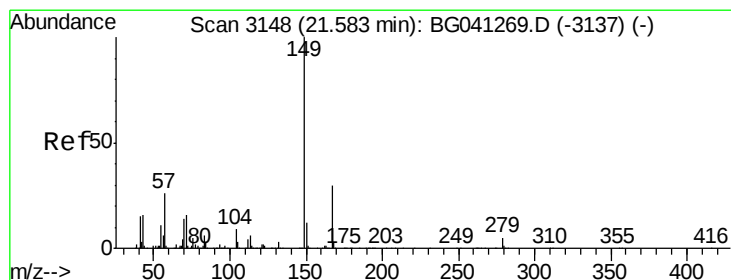
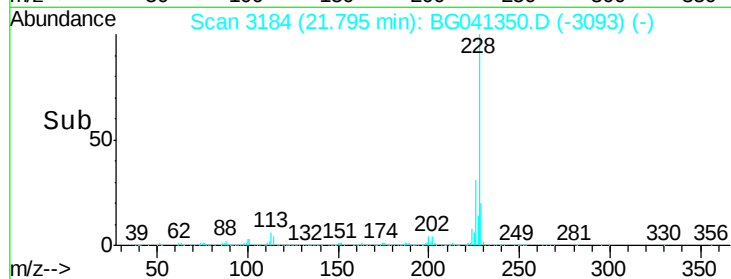
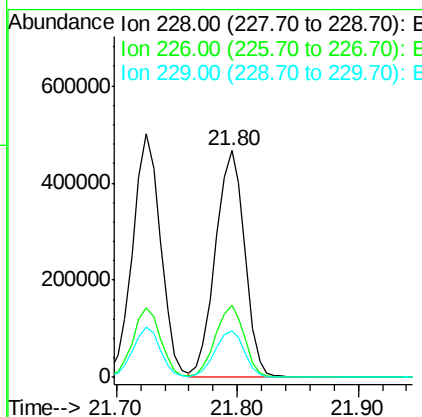
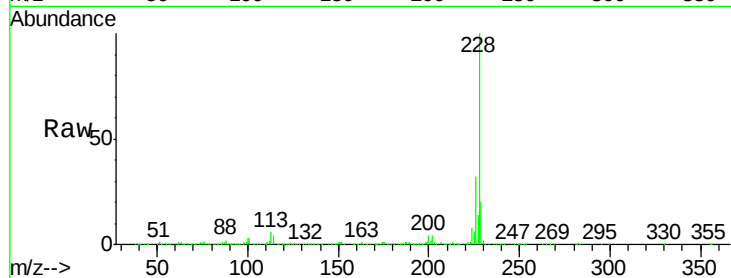




#83
 Chrvsene
 Concen: 47.268 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

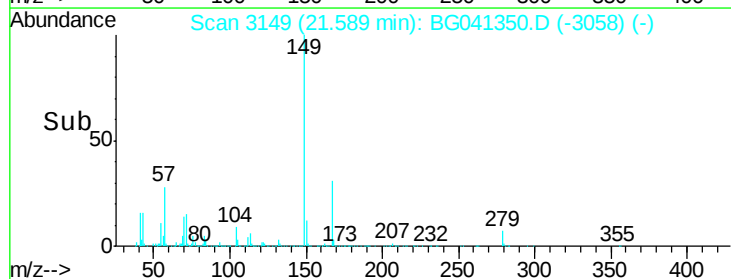
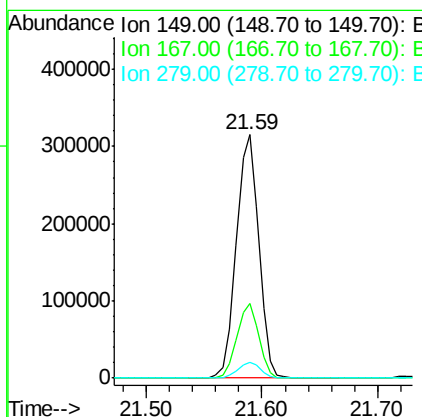
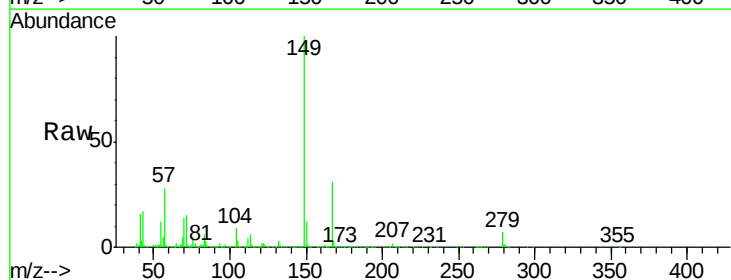
Instrument :
 BNA_G
 ClientSampleId :

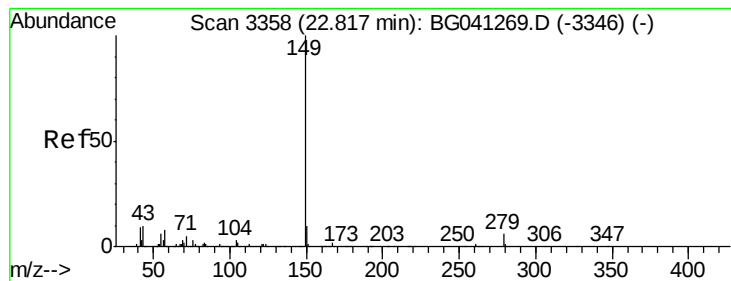
Tot Ion:228 Resp: 779164
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.4 38.0
 229 20.4 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.945 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. 0.01 min
 Lab File: BG041350.D
 Acq: 20 Jun 2019 6:53

Tgt Ion:149 Resp: 421942
 Ion Ratio Lower Upper
 149 100
 167 30.7 23.8 35.8
 279 6.5 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 48.330 ng

RT: 22.82 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampled :

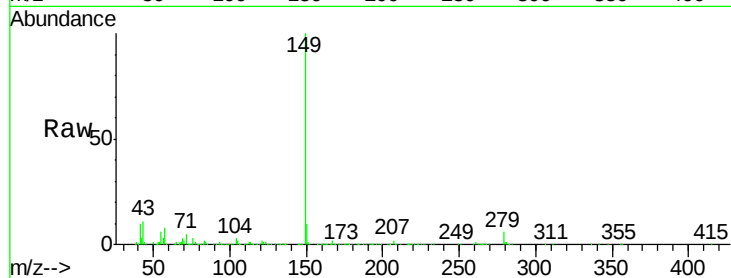
Tot Ion:149 Resp: 719600

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

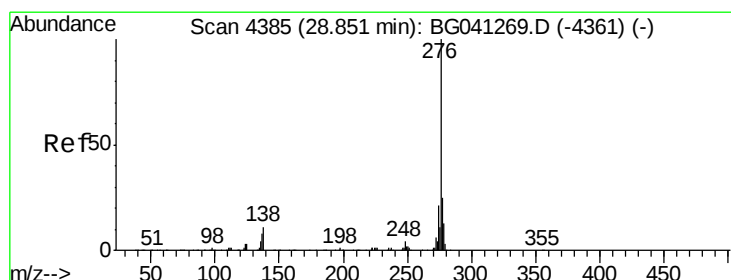
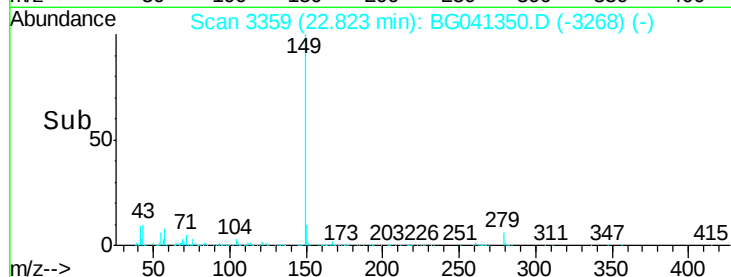
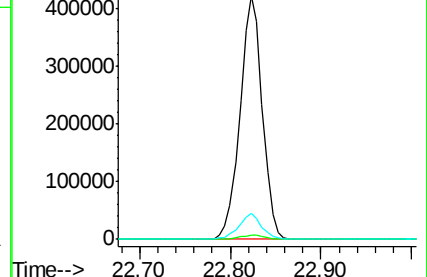
43 10.4 8.2 12.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.021 ng

RT: 28.88 min Scan# 4389

Delta R.T. 0.02 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

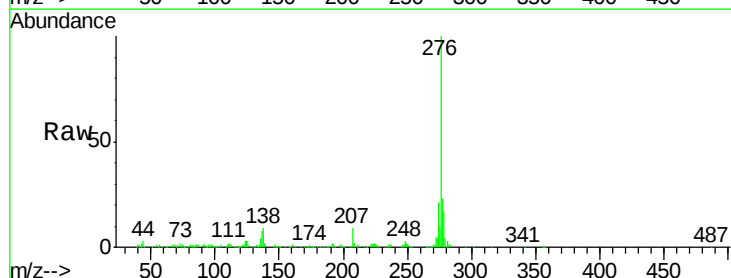
Tgt Ion:276 Resp: 606684

Ion Ratio Lower Upper

276 100

138 4.6 7.7 11.5#

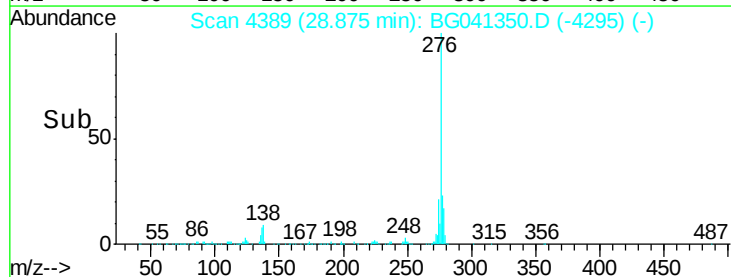
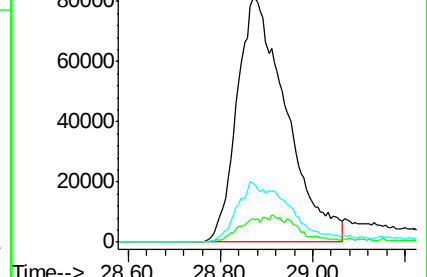
277 13.4 20.6 31.0#

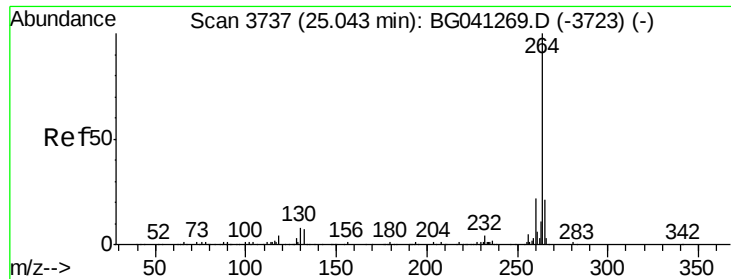


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3740

Delta R.T. 0.02 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

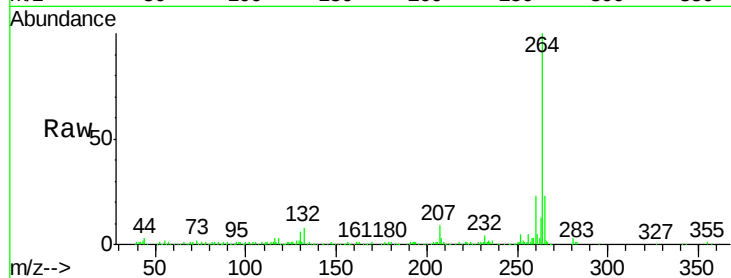
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 249006

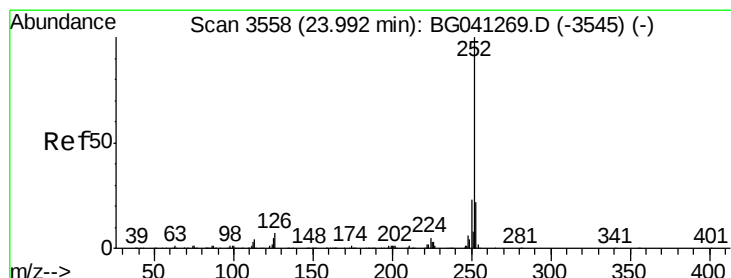
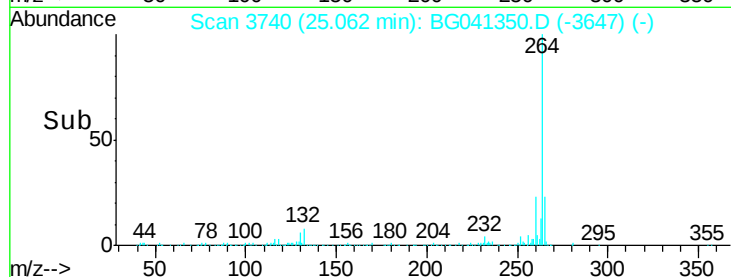
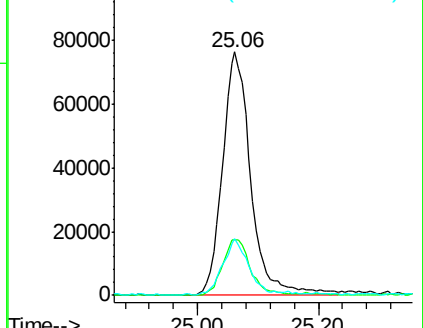
Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.2
265	23.3	17.2	25.8



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



#88

Benzo(b)fluoranthene

Concen: 49.500 ng

RT: 24.00 min Scan# 3560

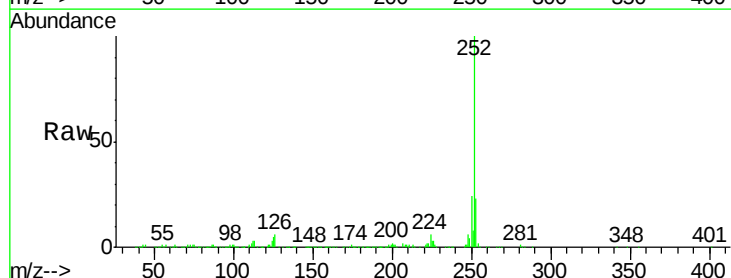
Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Tgt Ion:252 Resp: 763876

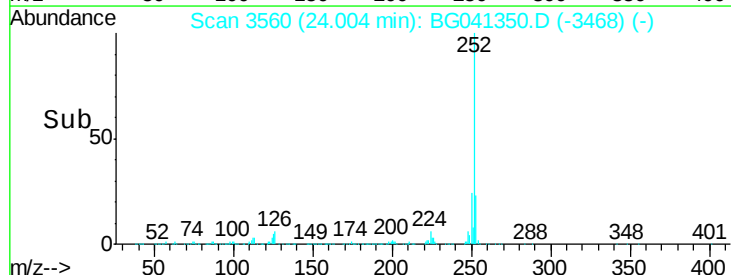
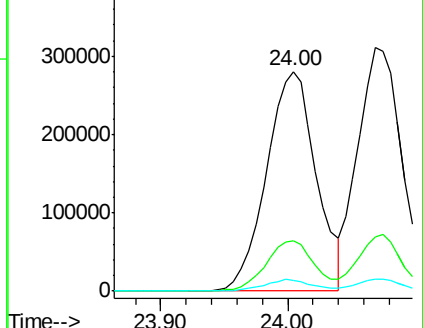
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	4.8	3.9	5.9

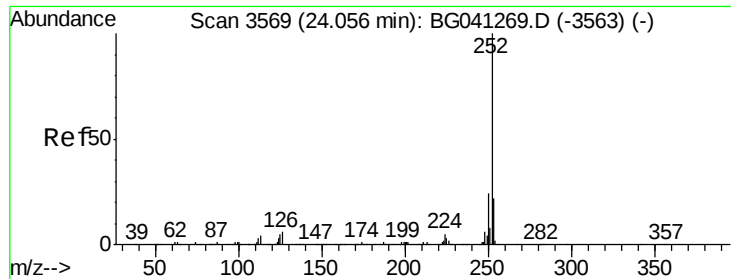


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.650 ng

RT: 24.07 min Scan# 3571

Delta R.T. 0.01 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

Instrument :

BNA_G

ClientSampleId :

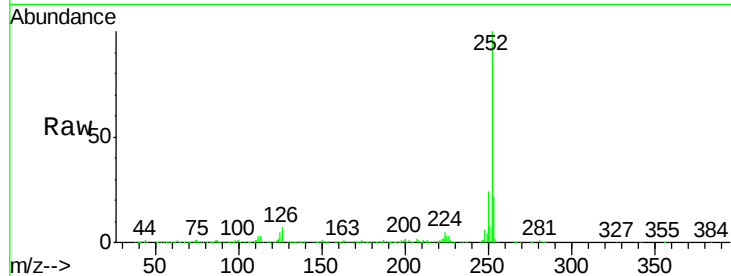
Tot Ion:252 Resp: 759017

Ion Ratio Lower Upper

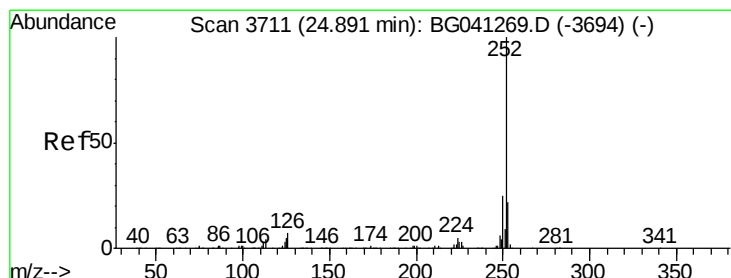
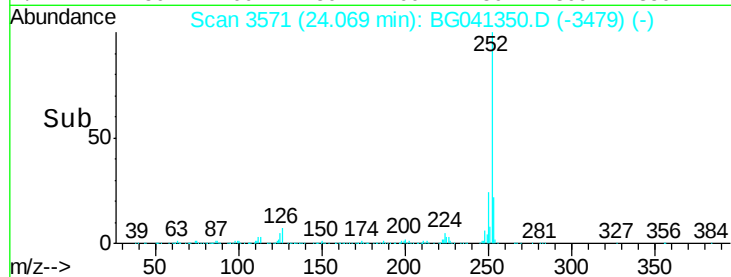
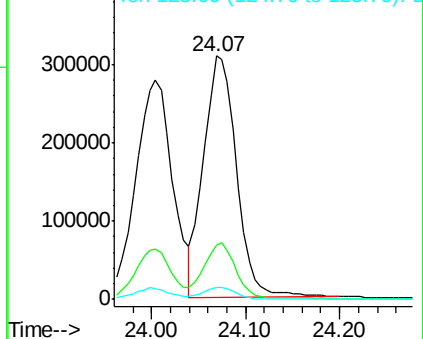
252 100

253 22.1 18.0 27.0

125 5.0 4.3 6.5



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



#90

Benzo(a)pyrene

Concen: 48.891 ng

RT: 24.91 min Scan# 3714

Delta R.T. 0.02 min

Lab File: BG041350.D

Acq: 20 Jun 2019 6:53

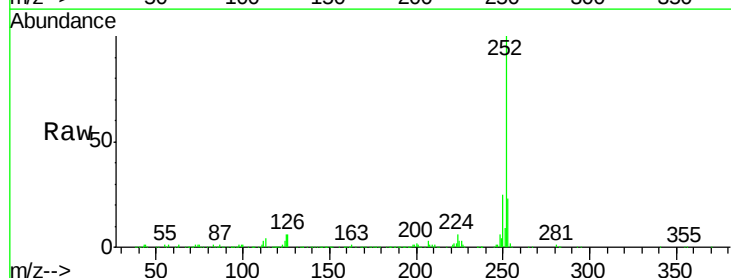
Tgt Ion:252 Resp: 712539

Ion Ratio Lower Upper

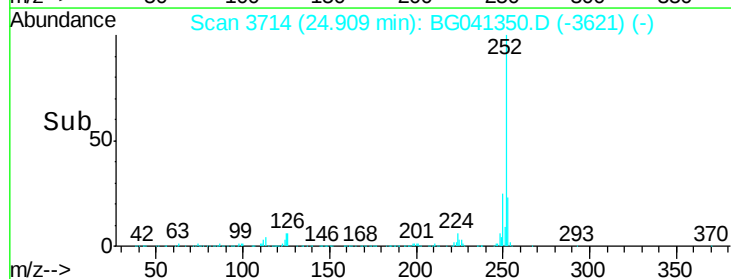
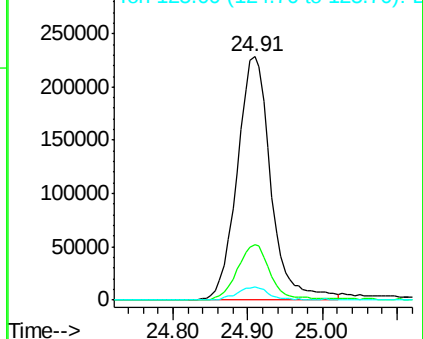
252 100

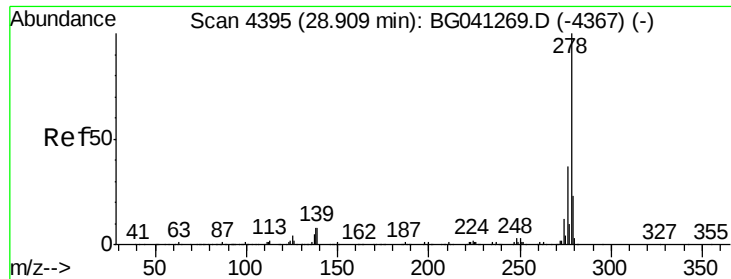
253 22.6 17.8 26.6

125 5.6 4.2 6.4



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

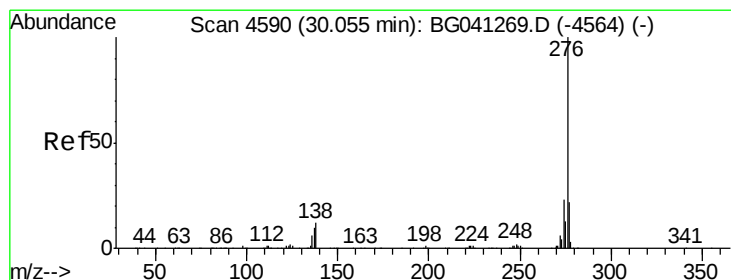
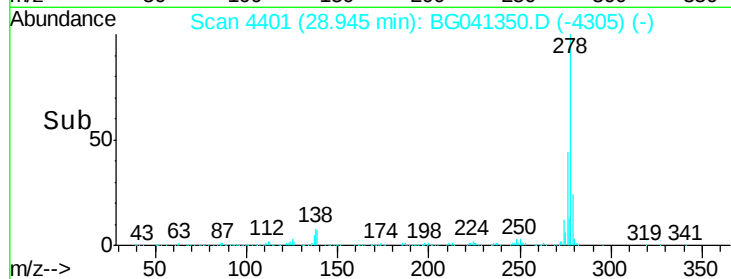
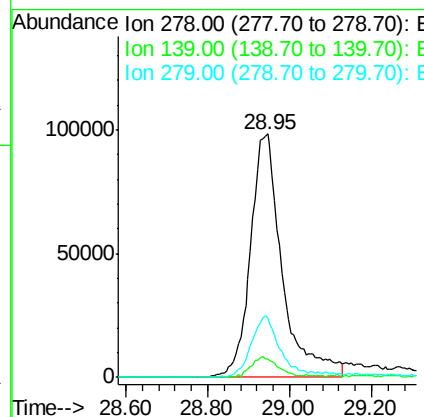
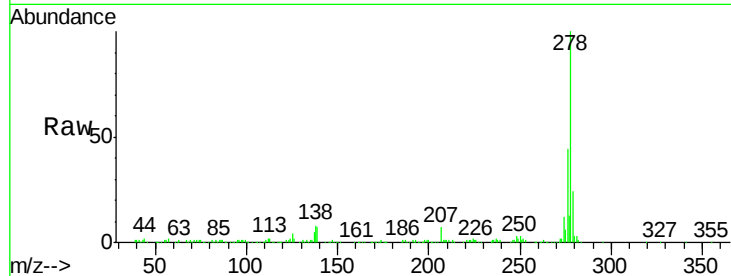




#91
Dibenzo(a,h)anthracene
Concen: 36.246 ng
RT: 28.95 min Scan# 4401
Delta R.T. 0.04 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 531823
Ion Ratio Lower Upper
278 100
139 7.4 6.6 10.0
279 24.2 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 27.879 ng
RT: 30.07 min Scan# 4593
Delta R.T. 0.02 min
Lab File: BG041350.D
Acq: 20 Jun 2019 6:53

Tgt Ion:276 Resp: 404241
Ion Ratio Lower Upper
276 100
277 23.0 17.9 26.9
138 9.0 9.4 14.0#

