

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041144.D
 Acq On : 8 Jun 2019 21:51
 Operator : HP/JU
 Sample : K3214-01DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 23:03:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	43276	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	188311	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	138922	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	348003	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	362806	20.00	ng	-0.03
87) Perylene-d12	25.08	264	397138	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	16129	6.72	ng	-0.01
7) Phenol-d6	7.26	99	16395	4.42	ng	0.00
23) Nitrobenzene-d5	9.29	82	41965	9.89	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	29659	14.38	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	94716	9.82	ng	-0.02
79) Terphenyl-d14	20.07	244	172732	10.10	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	7.42	93	86730	17.531	ng	98
9) Benzaldehyde	7.23	77	6348	2.871	ng	# 1
10) Phenol	7.28	94	13148	3.308	ng	# 85
11) bis(2-Chloroethyl)ether	7.42	93	86730	30.083	ng	# 22
15) Benzyl Alcohol	8.32	79	10770	3.141	ng	# 27
17) 2-Methylphenol	8.54	107	105494	36.663	ng	# 91
18) Hexachloroethane	9.22	117	8768	6.577	ng	# 26
19) n-Nitroso-di-n-propylamine	9.29	70	6132	2.150	ng	# 95
20) 3+4-Methylphenols	8.87	107	139105	34.900	ng	# 99
22) Acetophenone	8.94	105	20462	3.874	ng	# 95
24) Nitrobenzene	9.35	77	36813	8.516	ng	# 30
27) 2,4-Dimethylphenol	10.11	122	539923	183.447	ng	# 95
28) bis(2-Chloroethoxy)methane	10.35	93	116188	26.667	ng	# 1
31) Naphthalene	11.01	128	5183928	512.722	ng	# 66
32) Benzoic acid	10.11	122	539923	204.093	ng	# 15
33) 4-Chloroaniline	11.01	127	1155399	246.291	ng	# 35
36) 4-Chloro-3-methylphenol	12.05	107	102835	24.092	ng	# 24
37) 2-Methylnaphthalene	12.58	142	838572	107.689	ng	# 97
38) 1-Methylnaphthalene	12.80	142	491823	67.024	ng	# 99
41) Hexachlorocyclopentadiene	12.61	237	62	8.254	ng	# 26
46) 1,1'-Biphenyl	13.57	154	119567	11.627	ng	# 97
48) 2-Nitroaniline	13.87	65	30877	9.749	ng	# 33
52) Acenaphthene	14.80	154	111922	13.905	ng	# 96
54) 2,4-Dinitrophenol	15.02	184	8058	15.678	ng	# 1
55) Dibenzofuran	15.14	168	141830	10.472	ng	# 95
56) 4-Nitrophenol	15.01	139	17684	10.169	ng	# 42
58) Fluorene	15.78	166	67939	6.299	ng	# 95
65) 4,6-Dinitro-2-methylphenol	15.86	198	223	8.688	ng	# 1
70) Pentachlorophenol	17.14	266	1118	4.651	ng	# 82
71) Phenanthrene	17.52	178	57617	3.179	ng	# 97
72) Anthracene	17.52	178	57617	3.223	ng	# 97
73) Carbazole	17.89	167	52761	3.439	ng	# 98

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Instrument :
BNA_G
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Quant Time: Jun 09 23:03:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

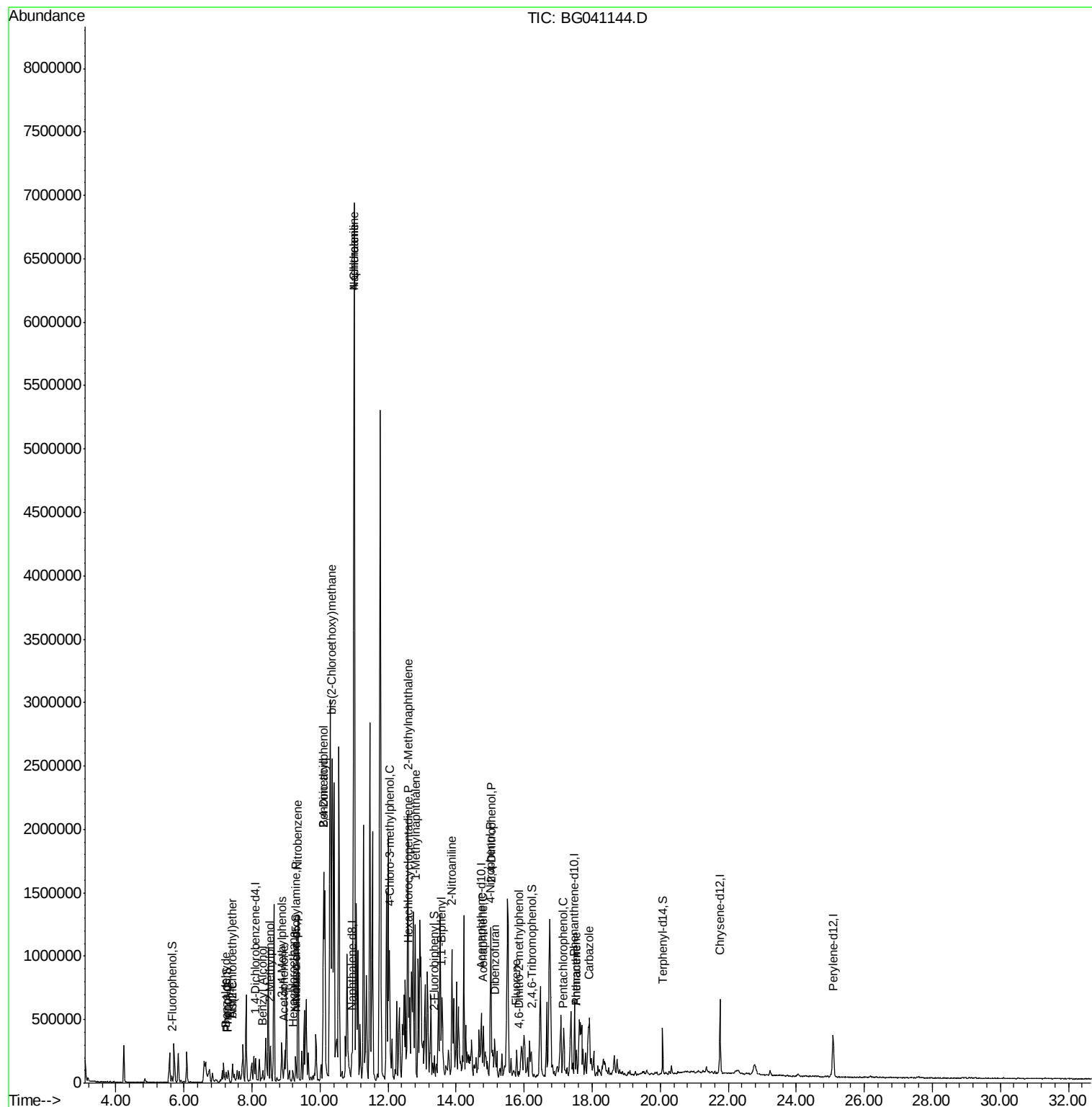
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

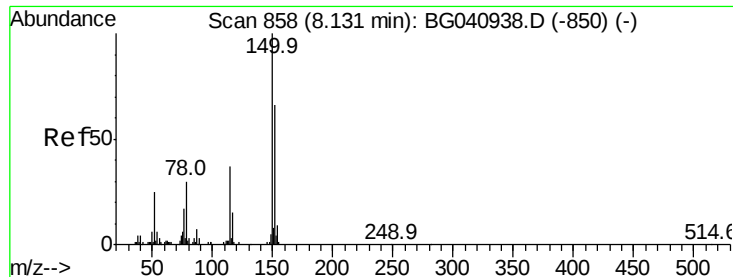
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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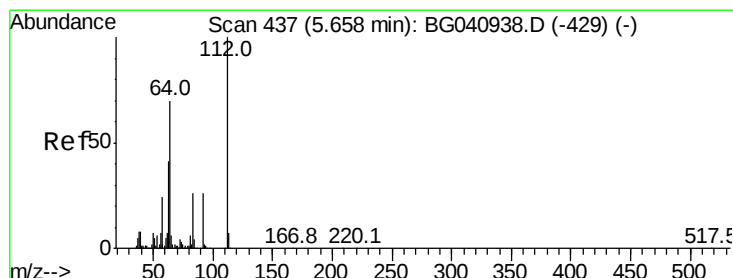
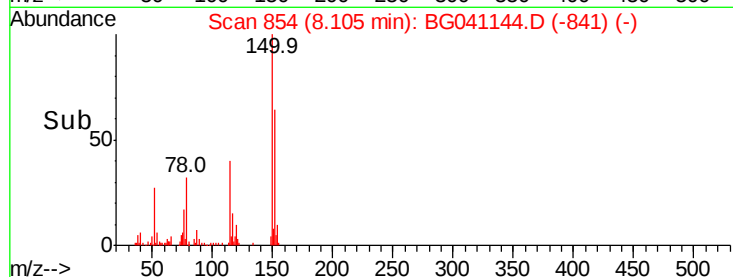
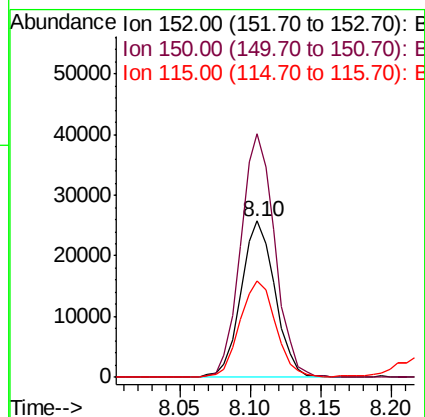
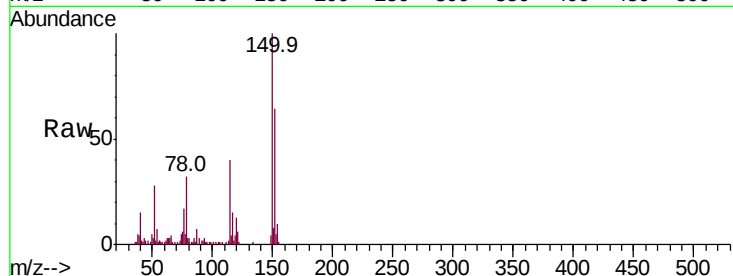


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 854
Delta R.T. -0.03 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

Instrument :
BNA_G
ClientSampleId :

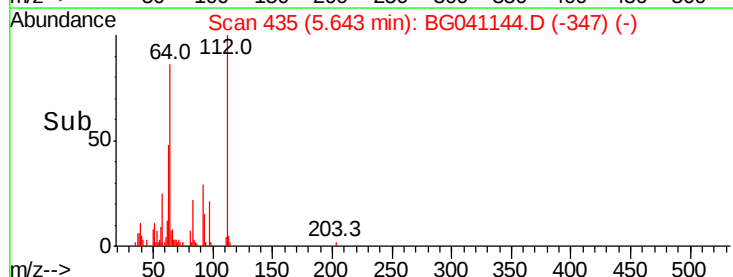
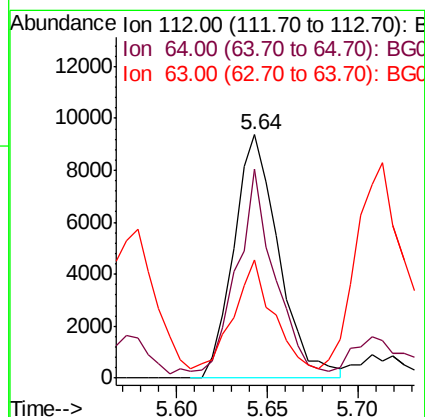
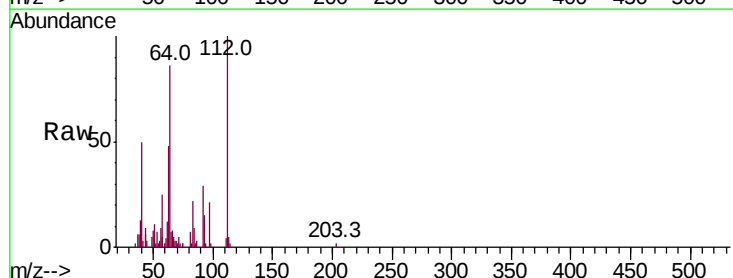
Tot Ion:152 Resp: 43276
Ion Ratio Lower Upper
152 100
150 155.8 120.6 180.8
115 62.0 45.1 67.7

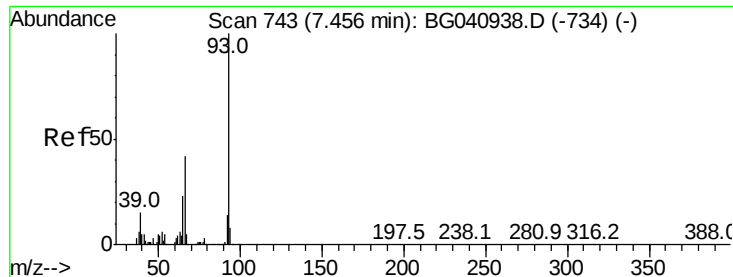


#5

2-Fluorophenol
Concen: 6.721 ng
RT: 5.64 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

Tgt Ion:112 Resp: 16129
Ion Ratio Lower Upper
112 100
64 85.7 56.2 84.2#
63 48.3 32.8 49.2





#6

Aniline

Concen: 17.531 ng

RT: 7.42 min Scan# 738

Delta R.T. -0.03 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

Instrument :

BNA_G

ClientSampleId :

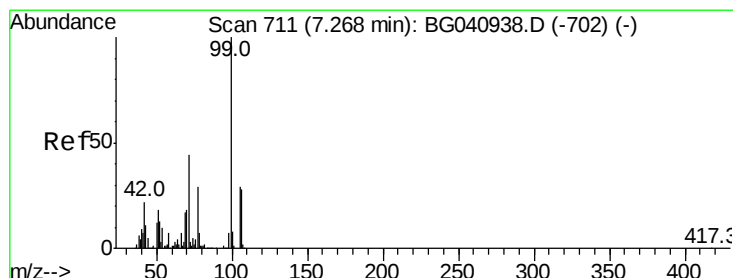
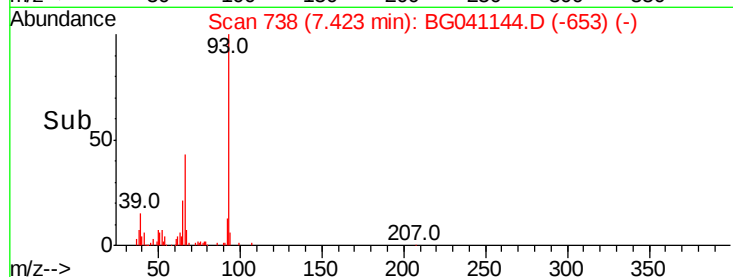
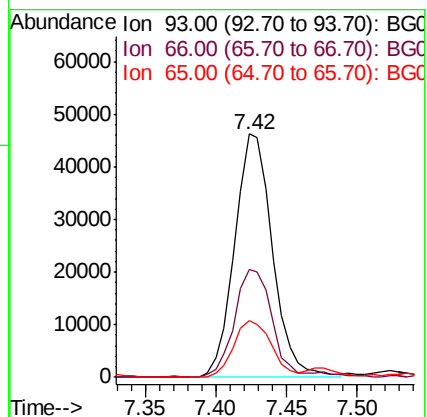
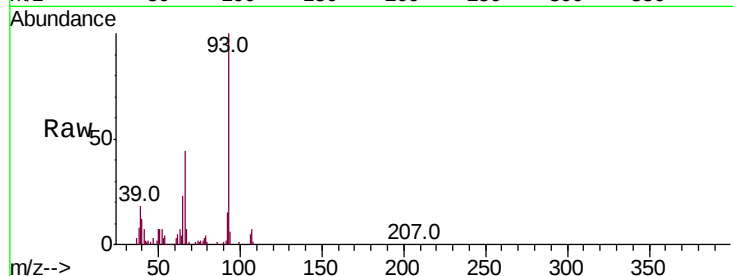
Tot Ion: 93 Resp: 86730

Ion Ratio Lower Upper

93 100

66 44.2 33.8 50.8

65 23.5 18.3 27.5



#7

Phenol-d6

Concen: 4.423 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

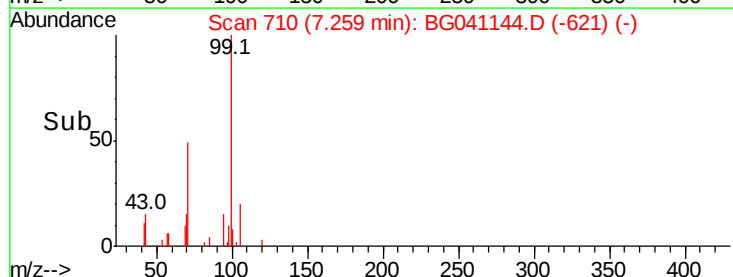
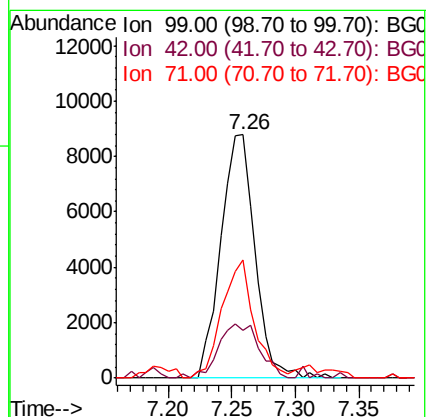
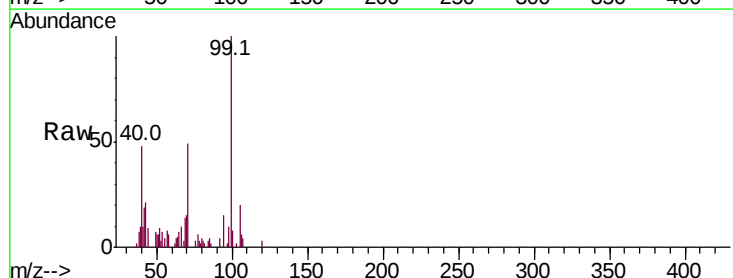
Tgt Ion: 99 Resp: 16395

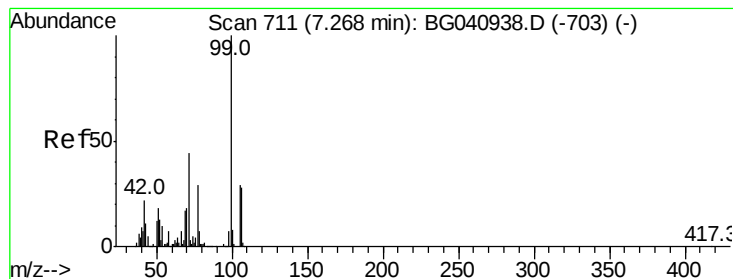
Ion Ratio Lower Upper

99 100

42 19.5 17.9 26.9

71 48.7 35.4 53.0





#9

Benzaldehyde

Concen: 2.871 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.04 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

Instrument :

BNA_G

ClientSampleId :

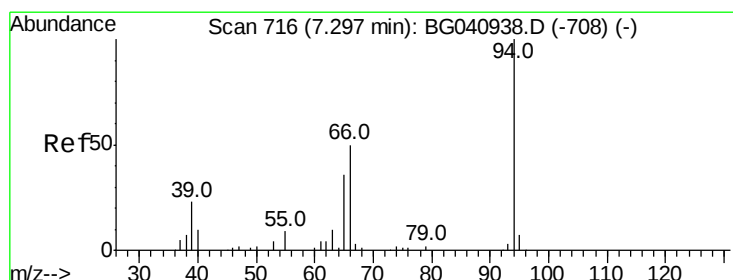
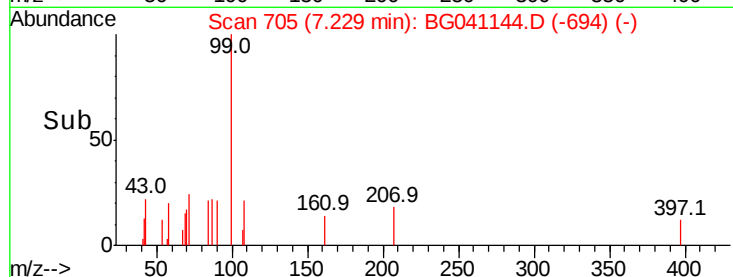
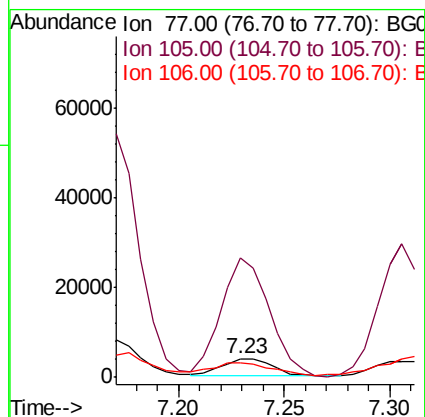
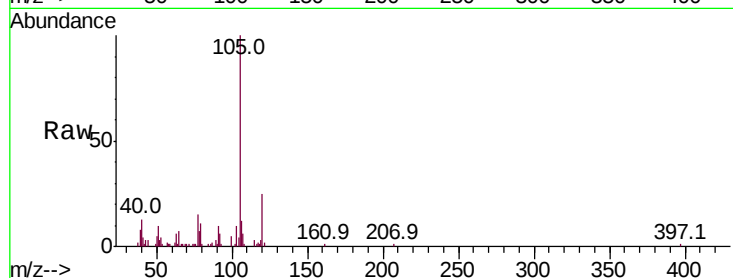
Tot Ion: 77 Resp: 6348

Ion Ratio Lower Upper

77 100

105 652.3 78.9 118.9#

106 78.7 76.7 116.7



#10

Phenol

Concen: 3.308 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

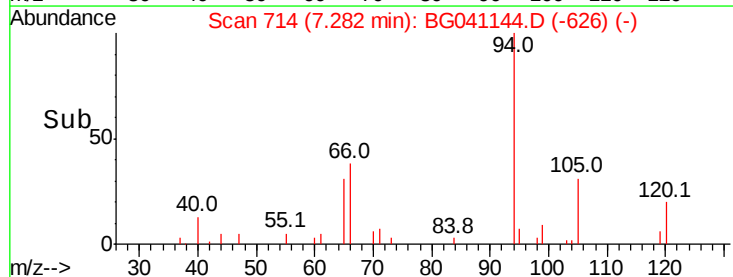
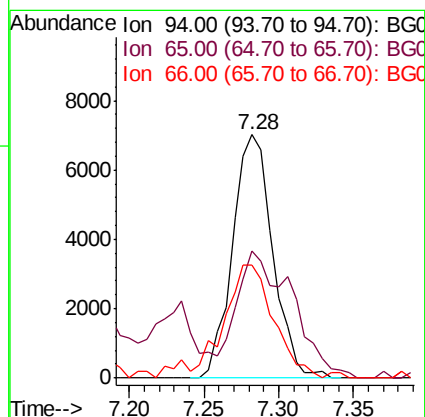
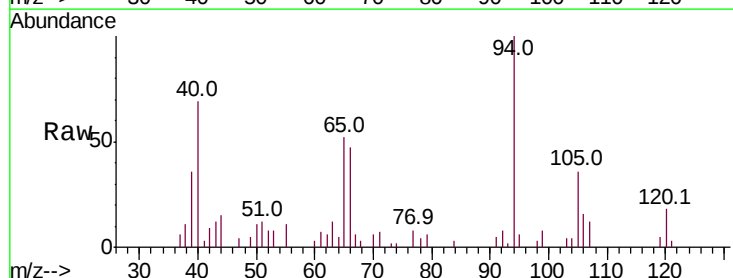
Tgt Ion: 94 Resp: 13148

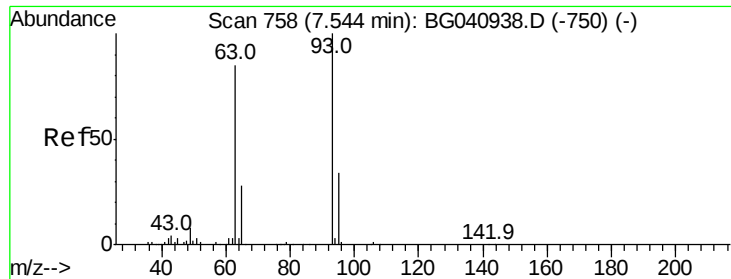
Ion Ratio Lower Upper

94 100

65 52.2 17.0 57.0

66 46.5 32.4 72.4

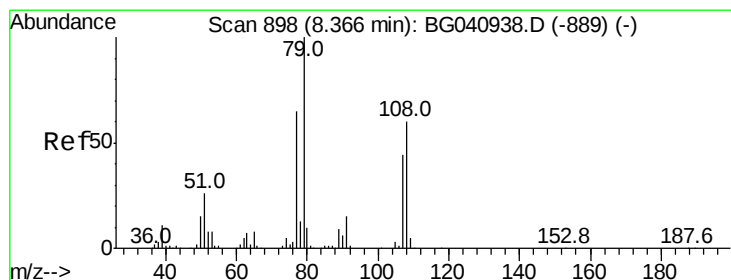
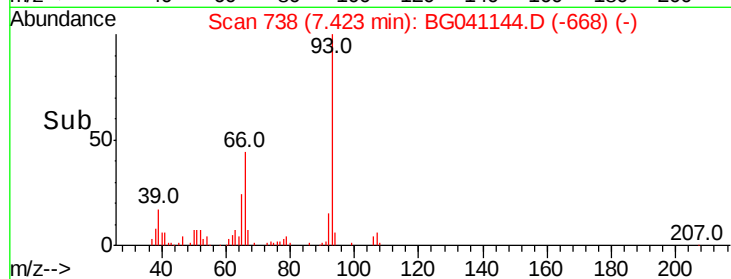
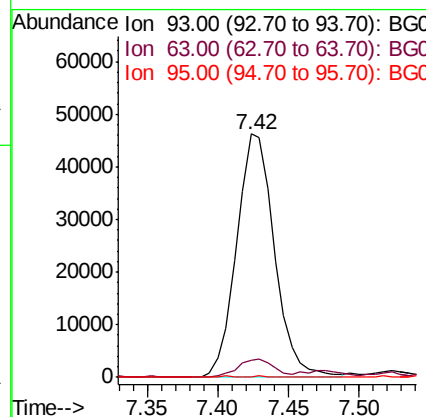
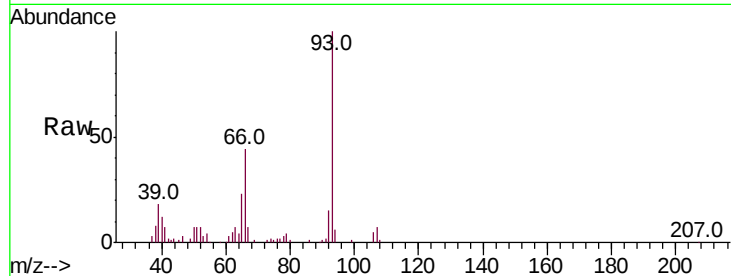




#11
bis(2-Chloroethyl)ether
Concen: 30.083 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.12 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

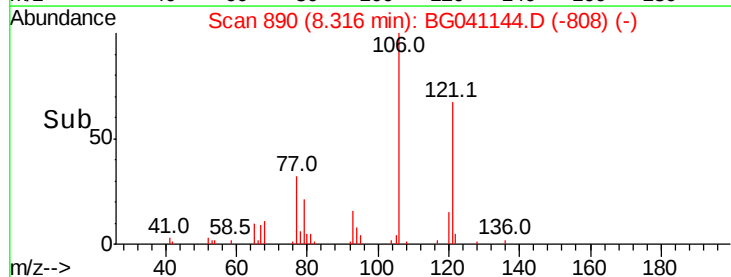
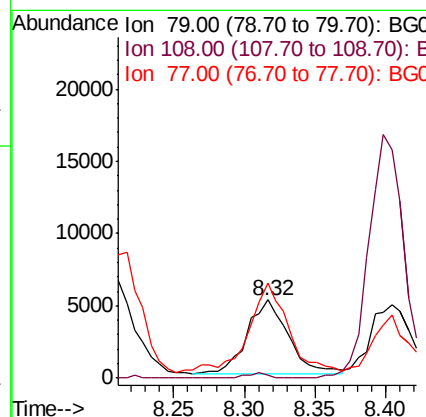
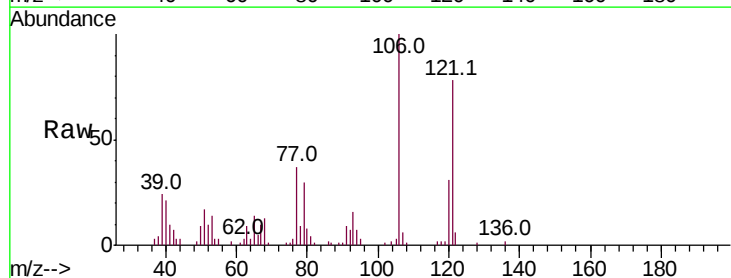
Instrument :
BNA_G
ClientSampleId :

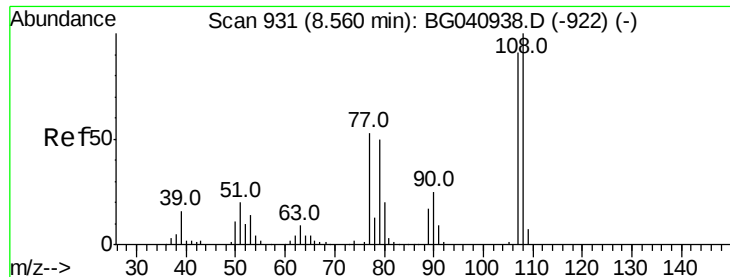
Tot Ion: 93 Resp: 86730
Ion Ratio Lower Upper
93 100
63 7.2 64.5 104.5#
95 0.0 13.3 53.3#



#15
Benzyl Alcohol
Concen: 3.141 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.05 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

Tgt Ion: 79 Resp: 10770
Ion Ratio Lower Upper
79 100
108 3.4 48.3 72.5#
77 121.0 52.3 78.5#





#17

2-Methylphenol

Concen: 36.663 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.02 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 105494

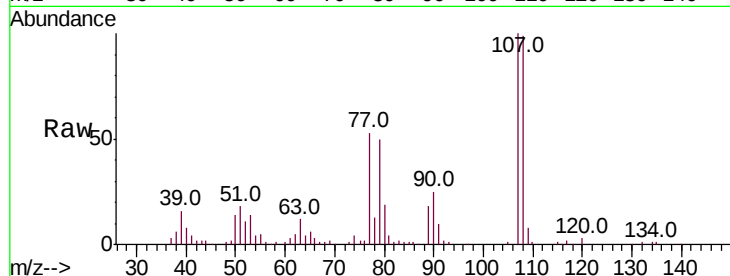
Ion Ratio Lower Upper

107 100

108 99.3 87.7 131.5

77 53.2 46.6 70.0

79 49.9 44.6 66.8



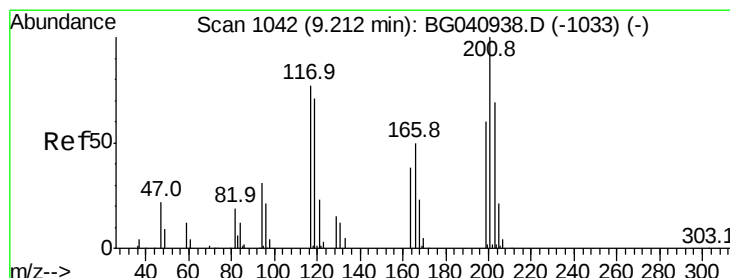
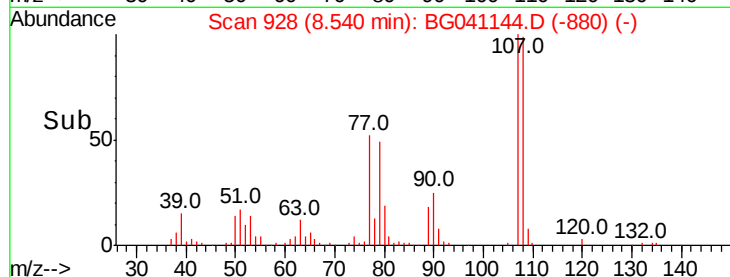
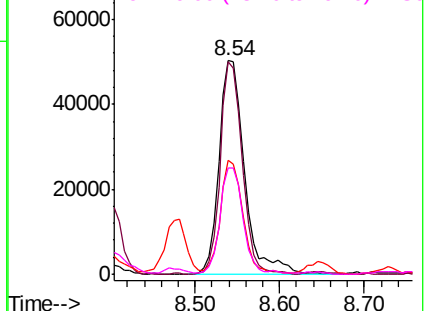
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 6.577 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

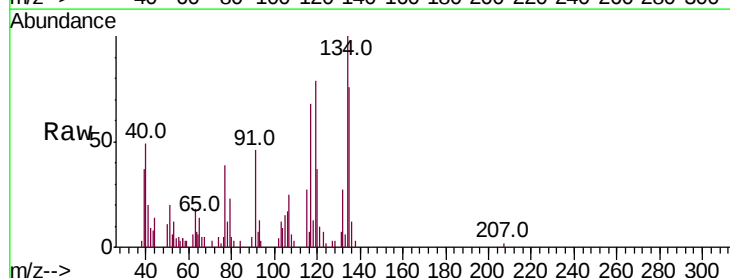
Tgt Ion:117 Resp: 8768

Ion Ratio Lower Upper

117 100

119 115.5 75.0 112.6#

201 0.0 103.5 155.3#

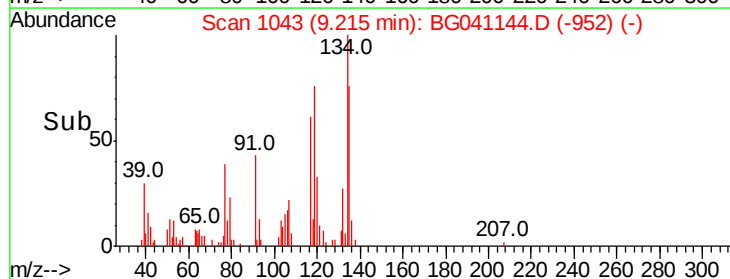
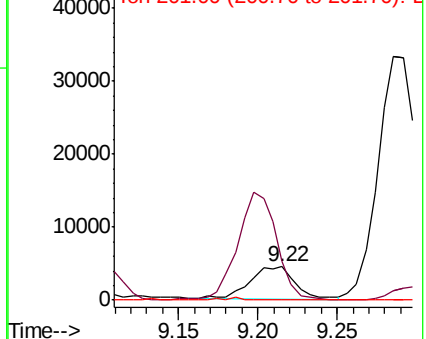


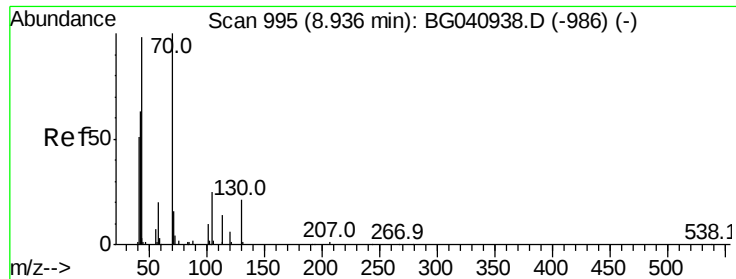
Abundance

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

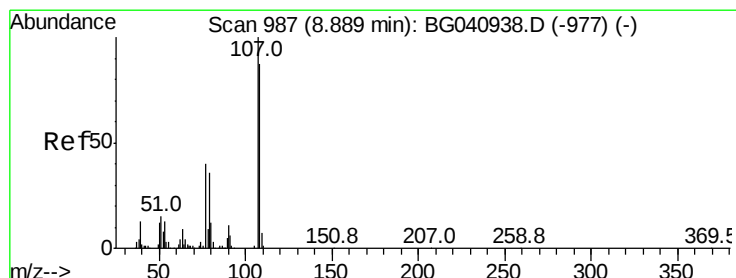
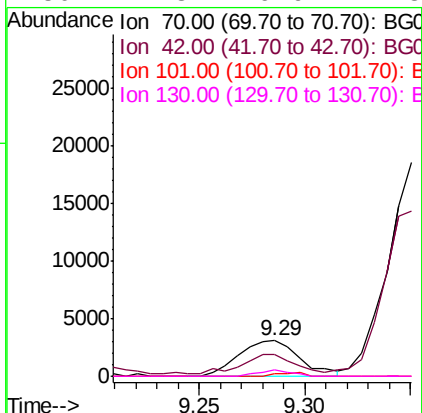
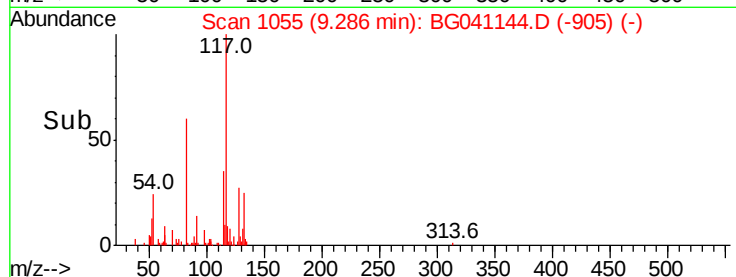
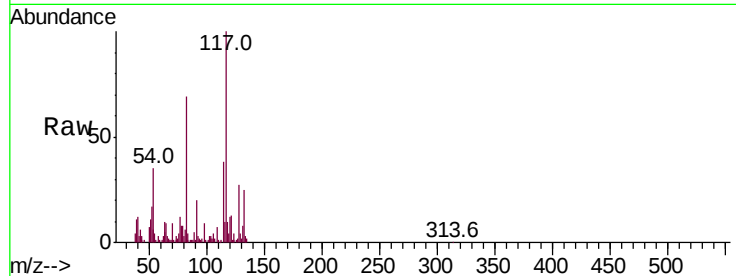




#19
n-Nitroso-di-n-propylamine
Concen: 2.150 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.35 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

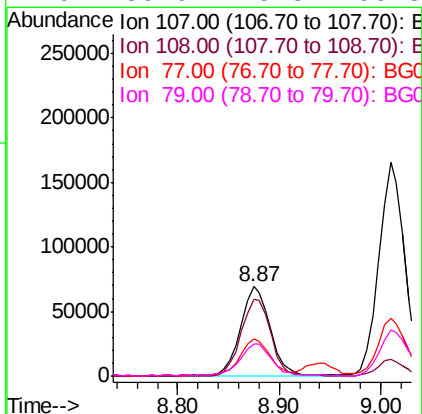
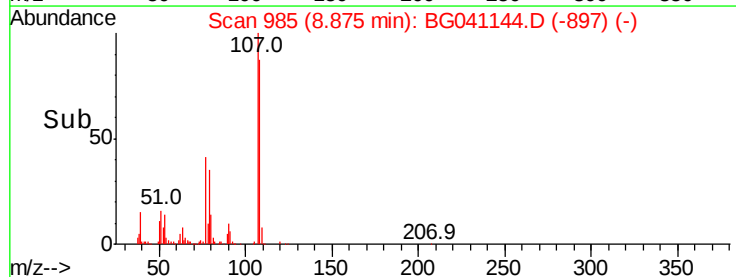
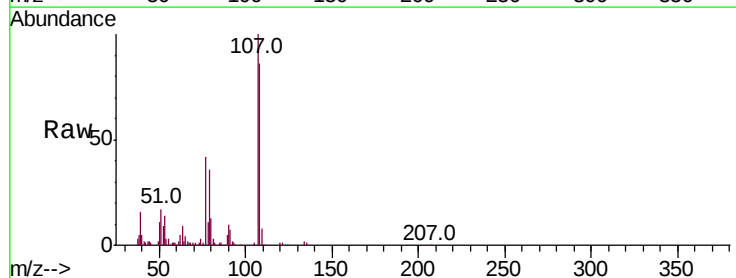
Instrument :
BNA_G
ClientSampleId :

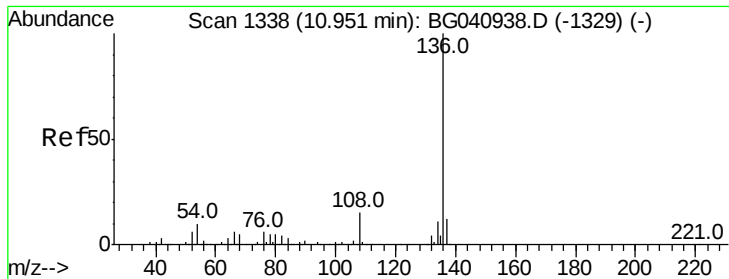
Tot Ion:	70	Resp:	6132
Ion	Ratio	Lower	Upper
70	100		
42	60.6	51.5	77.3
101	8.6	8.1	12.1
130	17.3	16.6	24.8



#20
3+4-Methylphenols
Concen: 34.900 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

Tgt Ion:	107	Resp:	139105
Ion	Ratio	Lower	Upper
107	100		
108	86.4	66.8	106.8
77	41.8	20.5	60.5
79	35.6	15.8	55.8

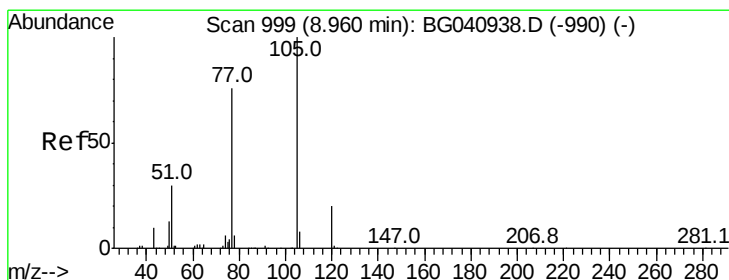
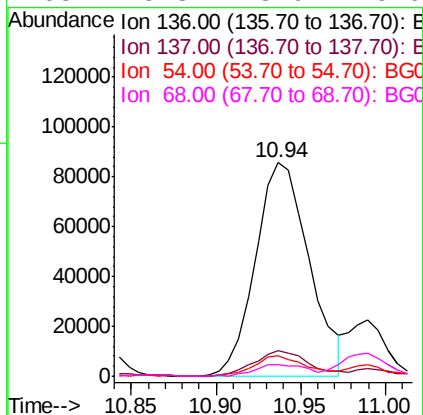
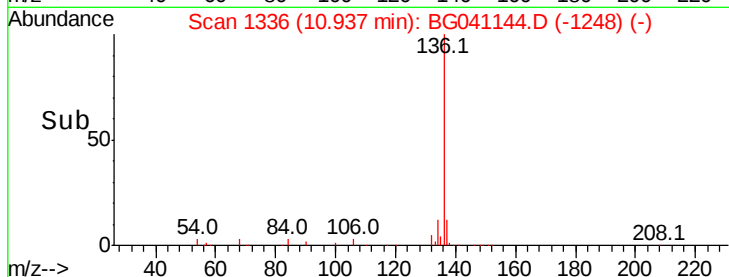
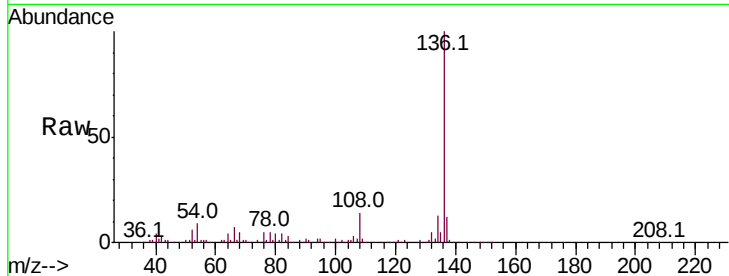




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

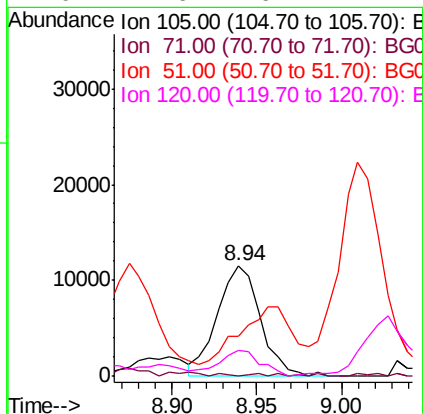
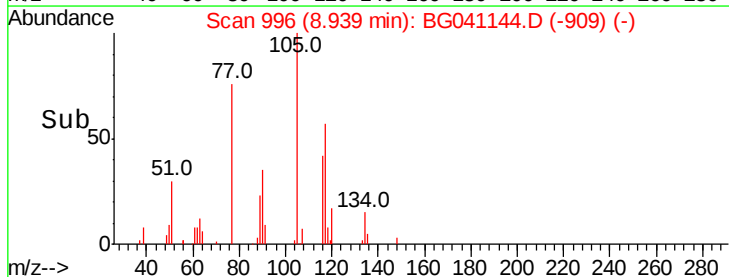
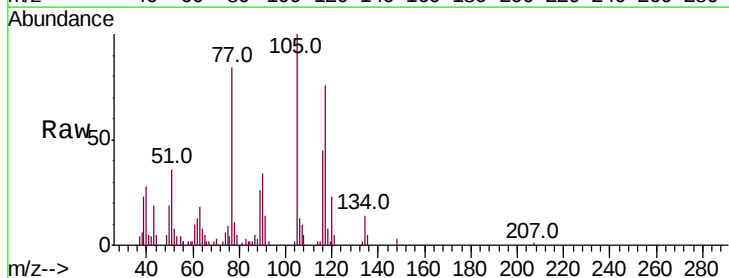
Instrument :
BNA_G
ClientSampleId :

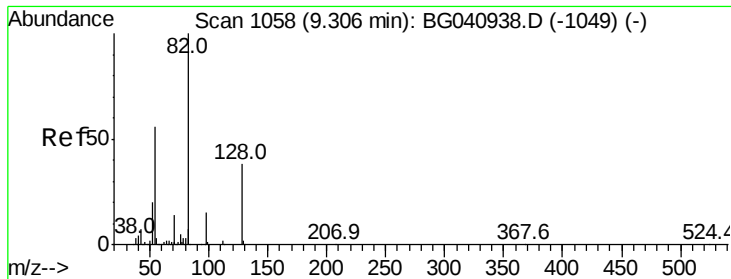
Tot Ion:136	Resp: 188311
Ion Ratio	Lower Upper
136 100	
137 11.9	9.5 14.3
54 9.4	7.6 11.4
68 5.3	3.9 5.9



#22
Acetophenone
Concen: 3.874 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

Tgt Ion:105	Resp: 20462
Ion Ratio	Lower Upper
105 100	
71 0.0	0.4 0.6#
51 36.4	27.0 40.6
120 22.6	16.2 24.4

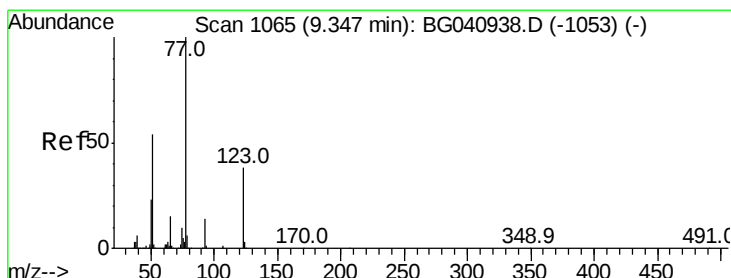
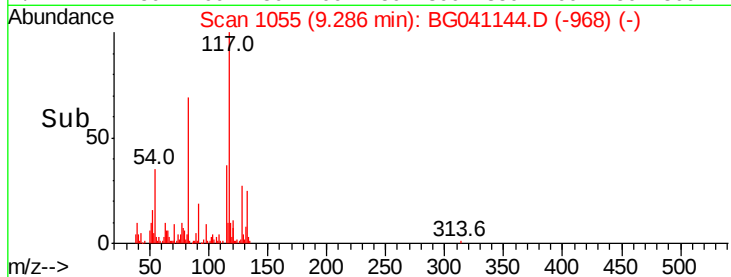
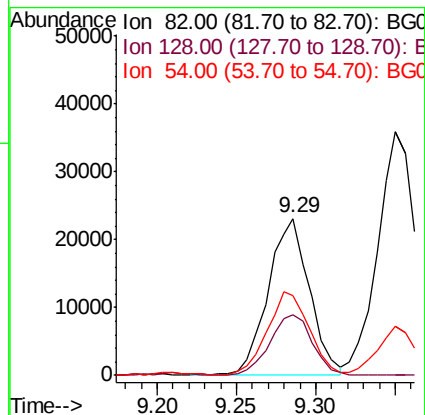
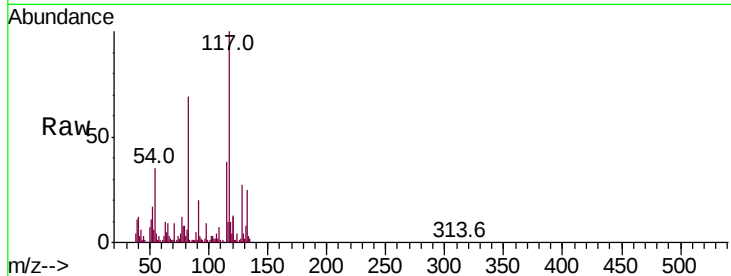




#23
Nitrobenzene-d5
Concen: 9.893 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

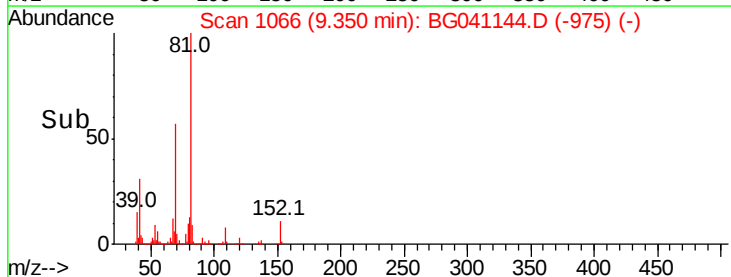
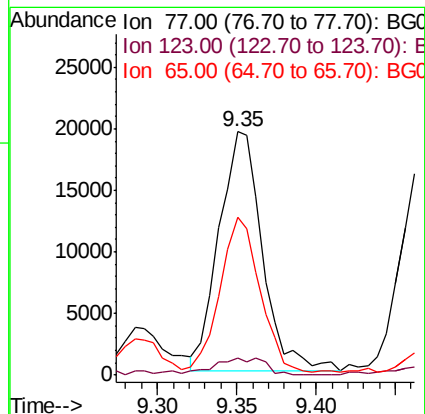
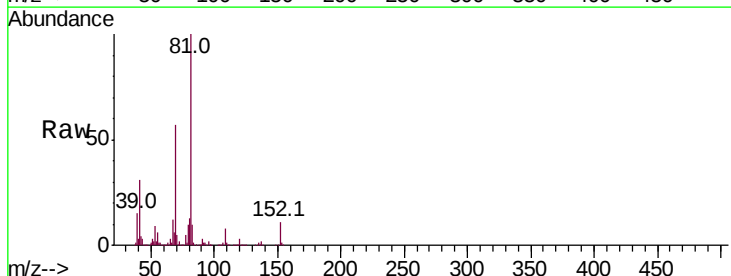
Instrument :
BNA_G
ClientSampled :

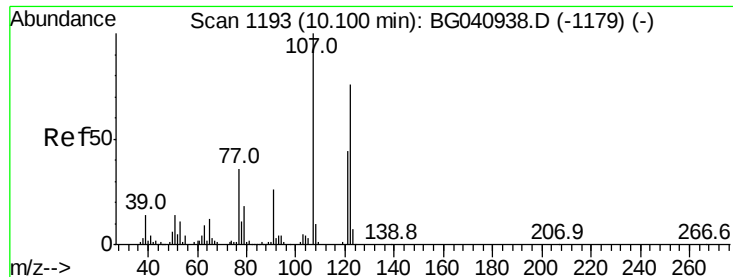
Tot Ion	82	Resp	41965
Ion Ratio	Lower	Upper	
82	100		
128	38.3	30.5	45.7
54	51.1	44.6	66.8



#24
Nitrobenzene
Concen: 8.516 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

Tgt Ion	77	Resp	36813
Ion Ratio	Lower	Upper	
77	100		
123	7.2	30.6	46.0#
65	64.6	12.3	18.5#

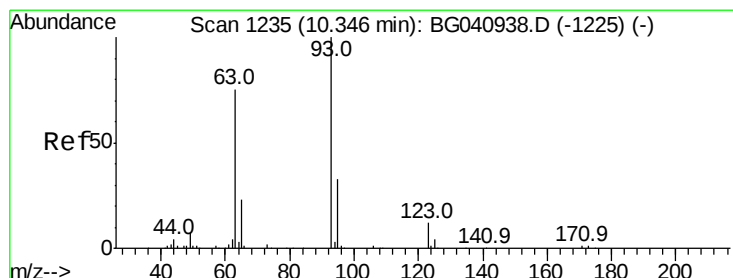
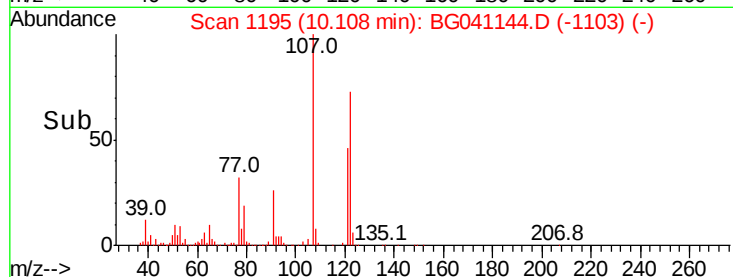
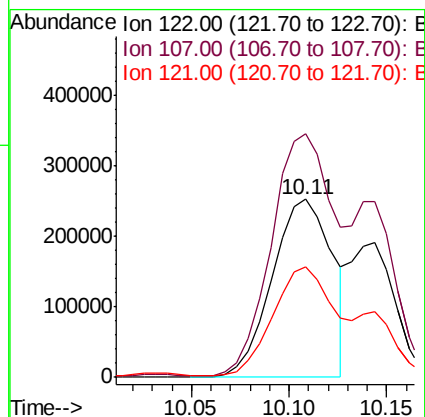
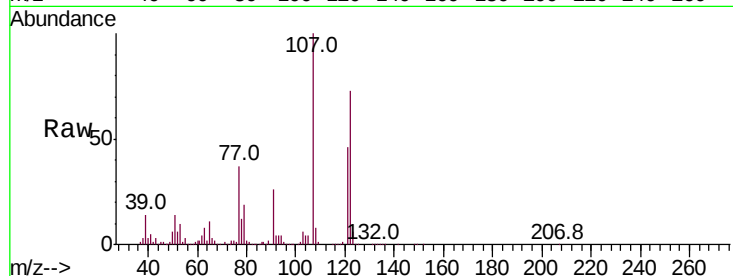




#27
2,4-Dimethylphenol
Concen: 183.447 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

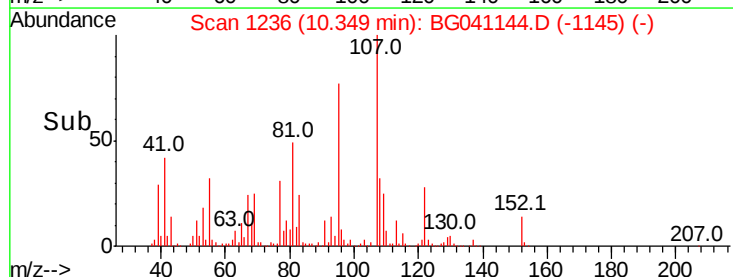
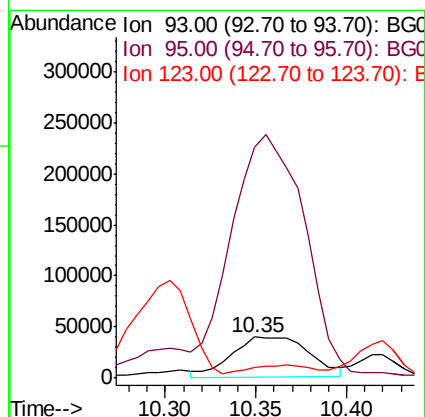
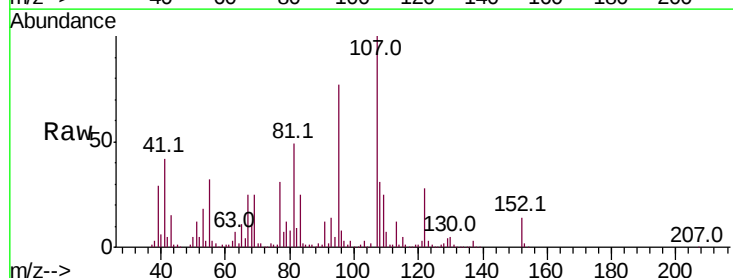
Instrument :
BNA_G
ClientSampled :

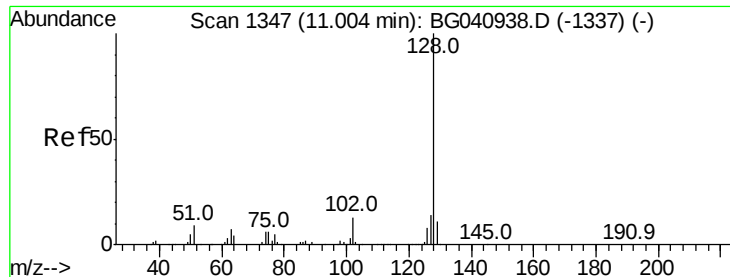
Tot Ion:122 Resp: 539923
Ion Ratio Lower Upper
122 100
107 136.9 105.9 158.9
121 62.4 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 26.667 ng
RT: 10.35 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

Tgt Ion: 93 Resp: 116188
Ion Ratio Lower Upper
93 100
95 560.7 26.2 39.2#
123 24.8 9.5 14.3#

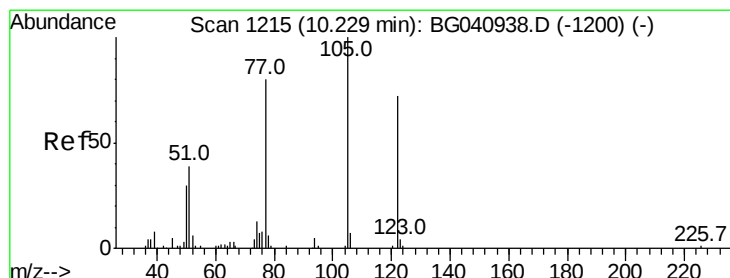
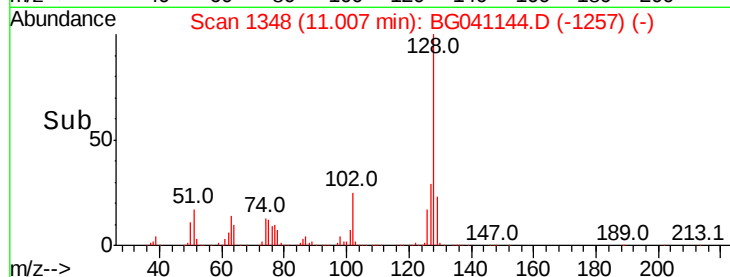
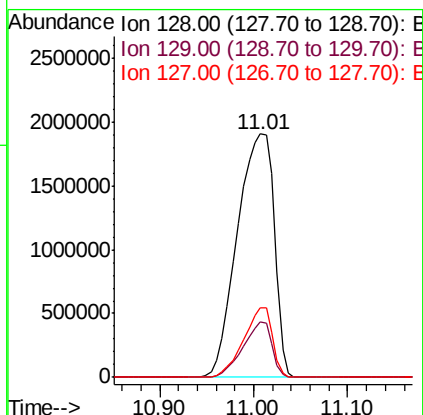
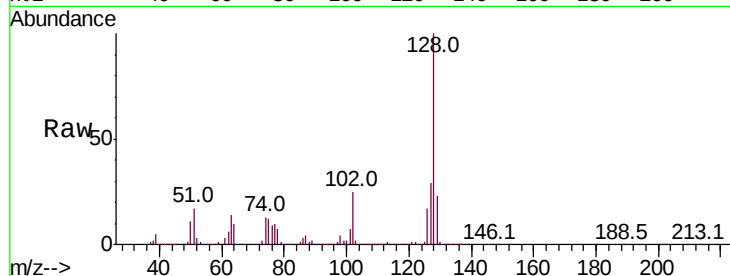




#31
Naphthalene
Concen: 512.722 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

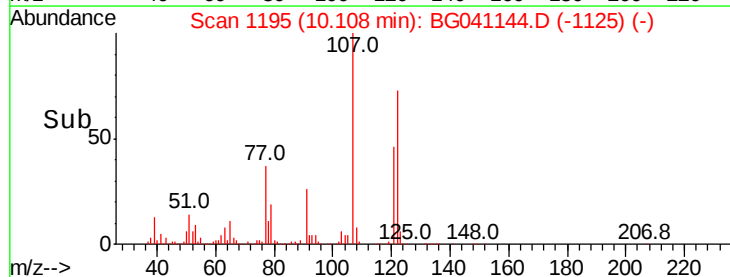
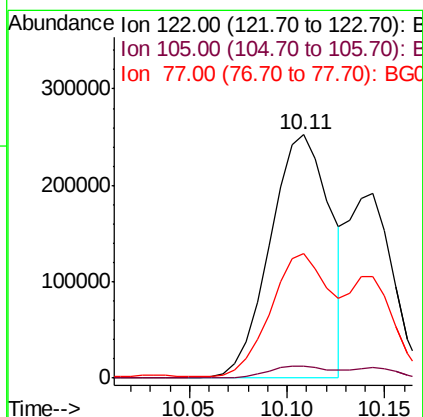
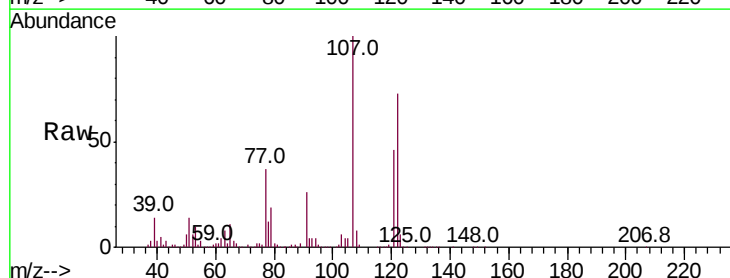
Instrument :
BNA_G
ClientSampleId :

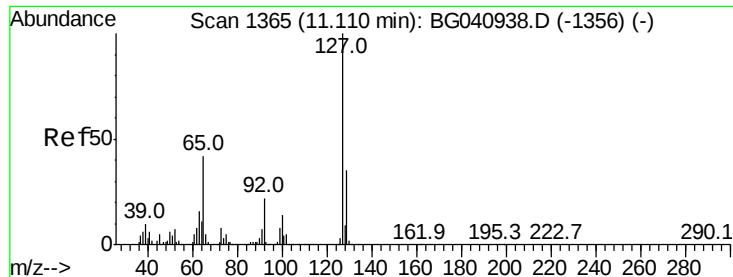
Tot Ion:128 Resp: 5183928
Ion Ratio Lower Upper
128 100
129 22.8 8.5 12.7#
127 28.8 11.4 17.2#



#32
Benzoic acid
Concen: 204.093 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.12 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

Tgt Ion:122 Resp: 539923
Ion Ratio Lower Upper
122 100
105 4.9 114.8 154.8#
77 51.2 89.9 129.9#





#33

4-Chloroaniline

Concen: 246.291 ng

RT: 11.01 min Scan# 1348

Delta R.T. -0.10 min

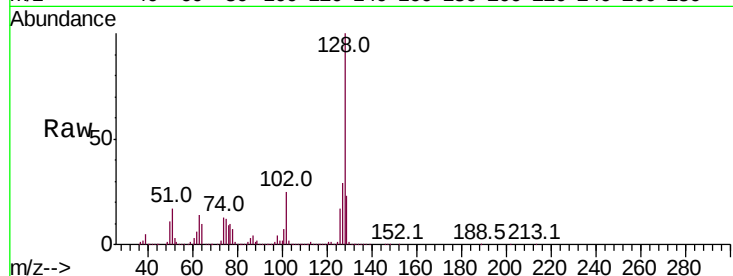
Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 1155399

Ion	Ratio	Lower	Upper
127	100		
129	79.1	27.7	41.5#
65	0.0	33.2	49.8#
92	0.4	17.2	25.8#



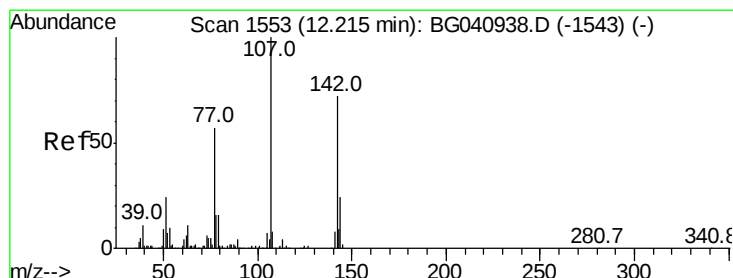
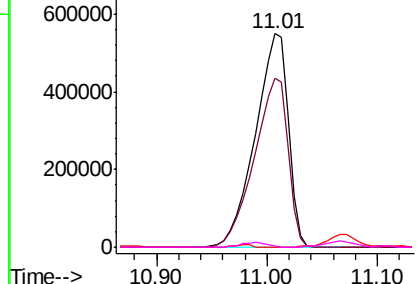
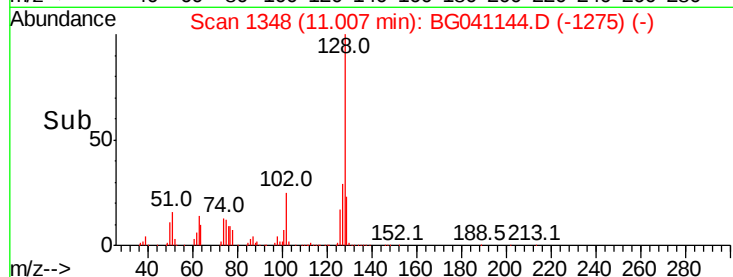
Abundance

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): BG

Ion 92.00 (91.70 to 92.70): BG



#36

4-Chloro-3-methylphenol

Concen: 24.092 ng

RT: 12.05 min Scan# 1525

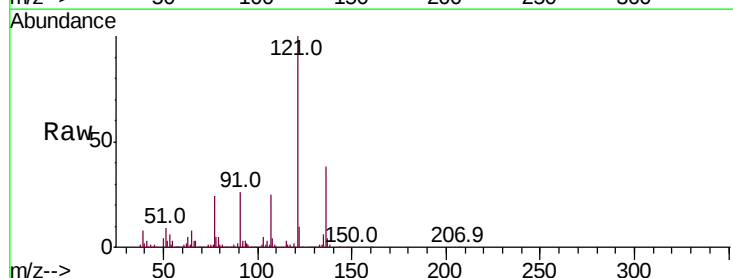
Delta R.T. -0.17 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

Tgt Ion:107 Resp: 102835

Ion	Ratio	Lower	Upper
107	100		
144	0.9	19.4	29.0#
142	0.0	57.3	85.9#

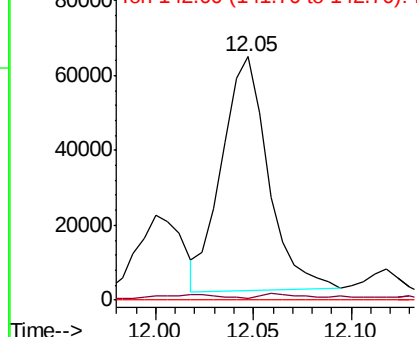
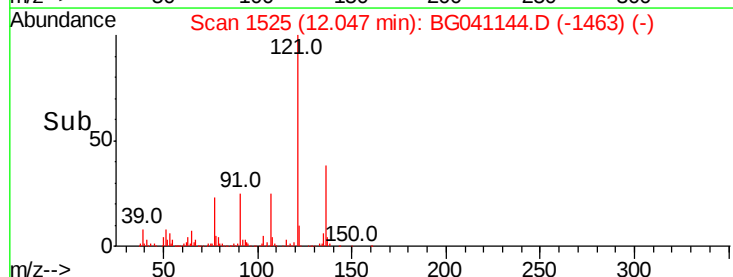


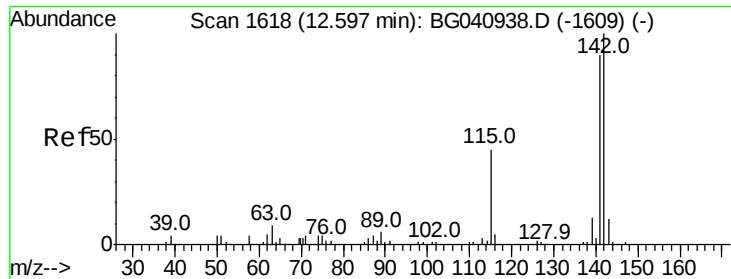
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

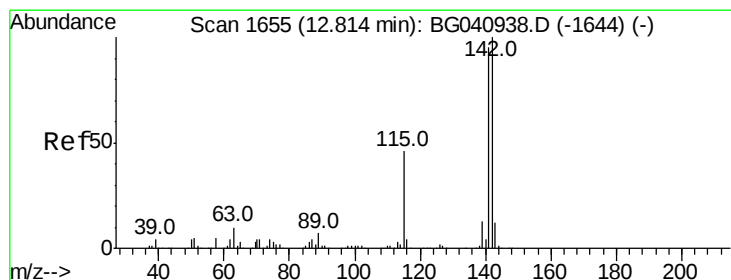
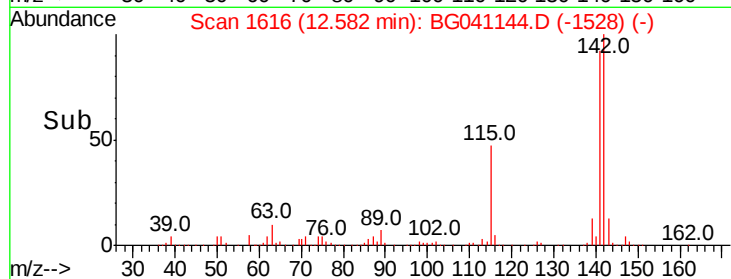
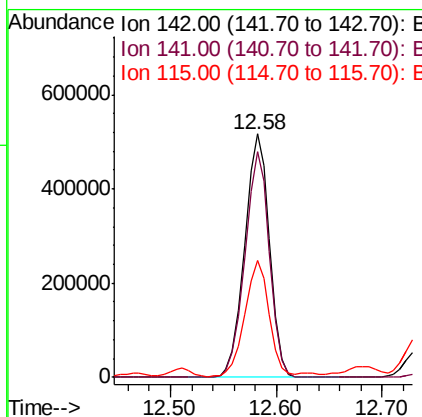
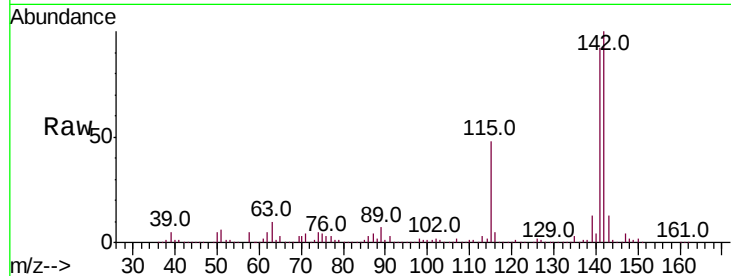




#37
 2-Methylnaphthalene
 Concen: 107.689 ng
 RT: 12.58 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BG041144.D
 Acq: 8 Jun 2019 21:51

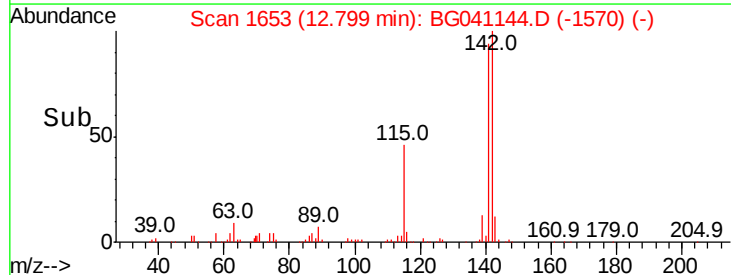
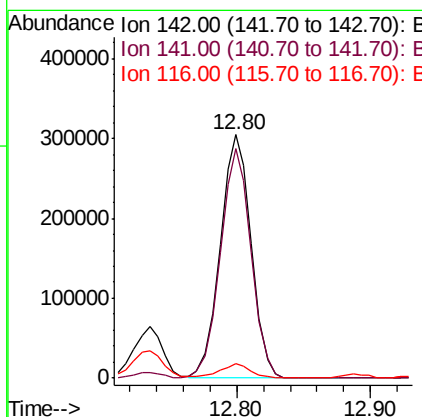
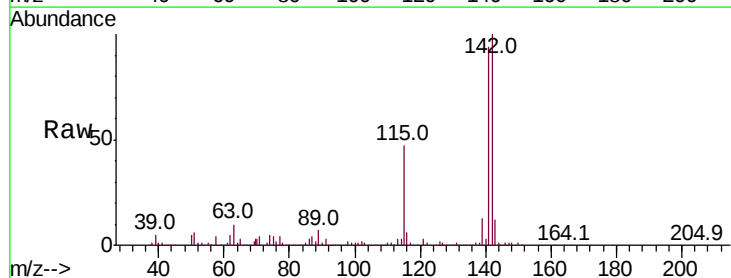
Instrument :
 BNA_G
 ClientSampleId :

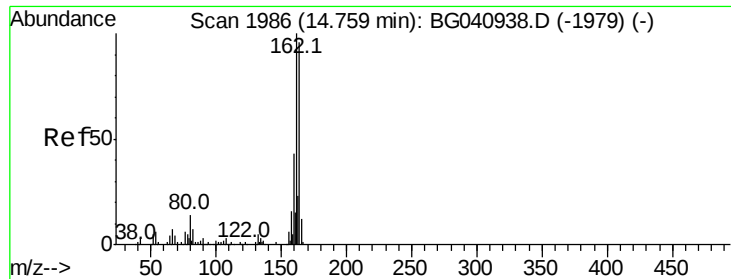
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.2	108.4
115	47.8	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 67.024 ng
 RT: 12.80 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BG041144.D
 Acq: 8 Jun 2019 21:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.7	113.5
116	5.8	3.4	5.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

Instrument :

BNA_G

ClientSampled :

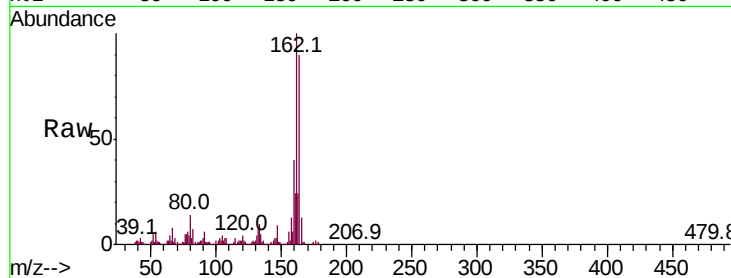
Tot Ion:164 Resp: 138922

Ion Ratio Lower Upper

164 100

162 110.5 83.0 124.4

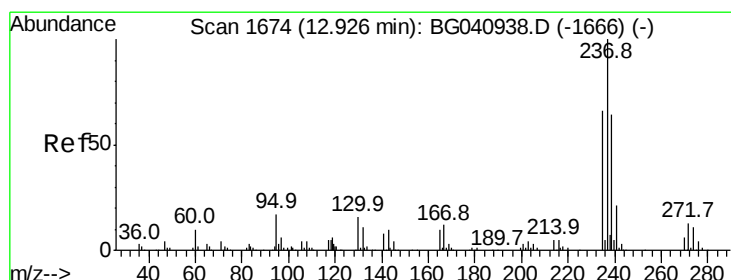
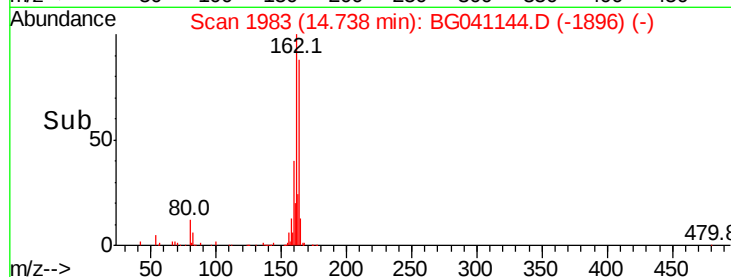
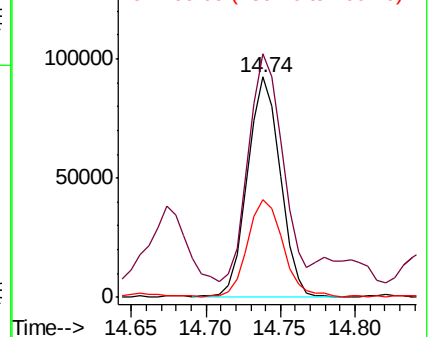
160 44.3 35.6 53.4



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



#41

Hexachlorocyclopentadiene

Concen: 8.254 ng

RT: 12.61 min Scan# 1620

Delta R.T. -0.32 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

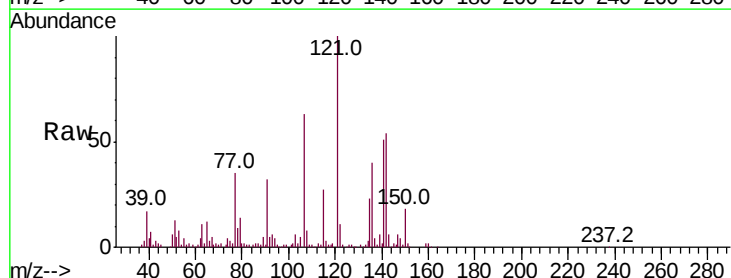
Tgt Ion:237 Resp: 62

Ion Ratio Lower Upper

237 100

235 0.0 45.5 85.5#

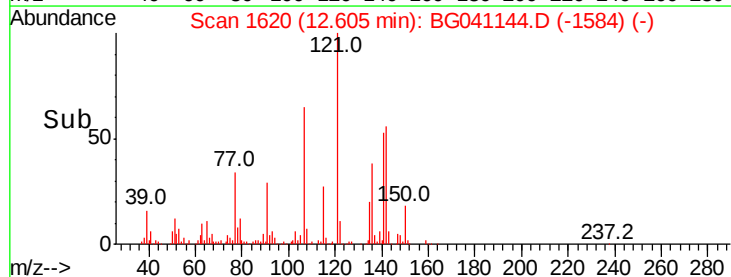
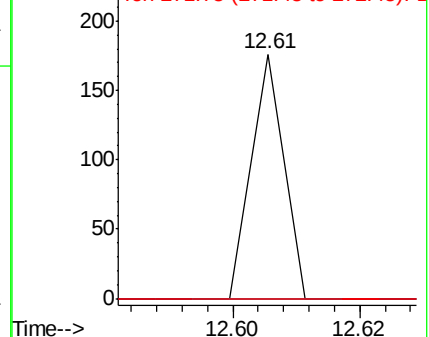
272 0.0 0.0 32.9

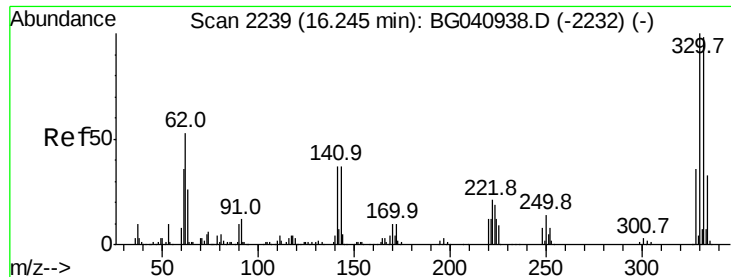


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 14.381 ng

RT: 16.22 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

Instrument :

BNA_G

ClientSampleId :

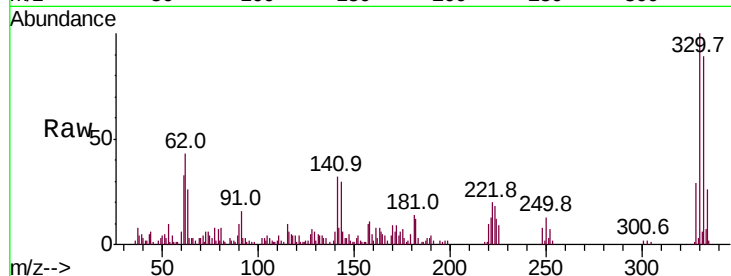
Tot Ion:330 Resp: 29659

Ion Ratio Lower Upper

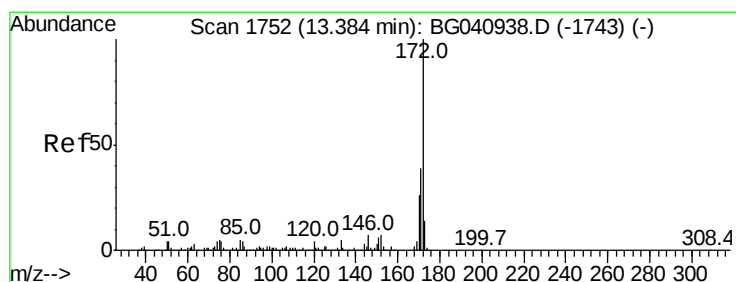
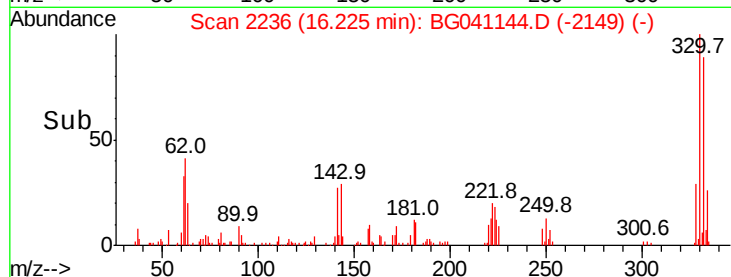
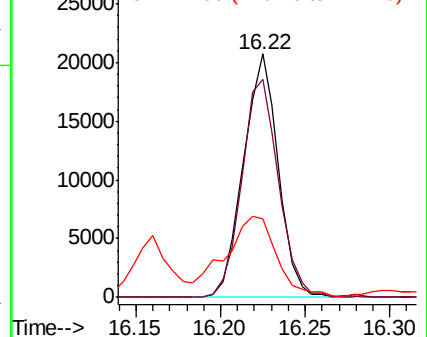
330 100

332 95.1 78.5 117.7

141 49.7 28.7 43.1#



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



#45

2-Fluorobiphenyl

Concen: 9.819 ng

RT: 13.36 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

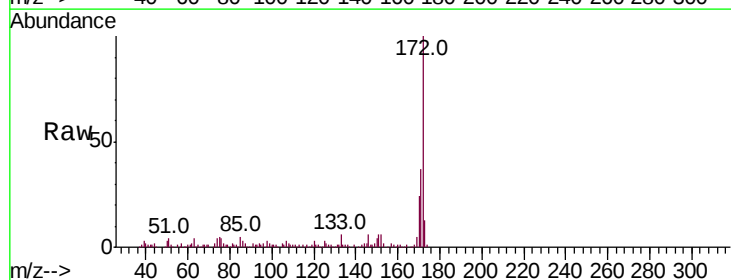
Tgt Ion:172 Resp: 94716

Ion Ratio Lower Upper

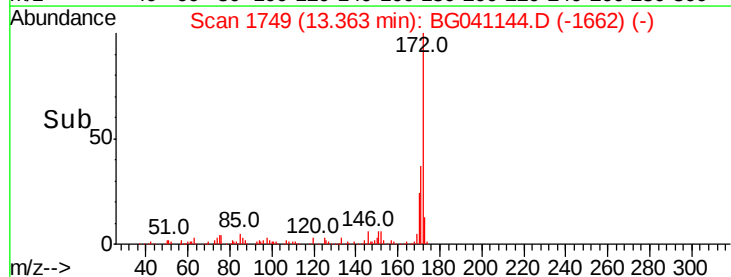
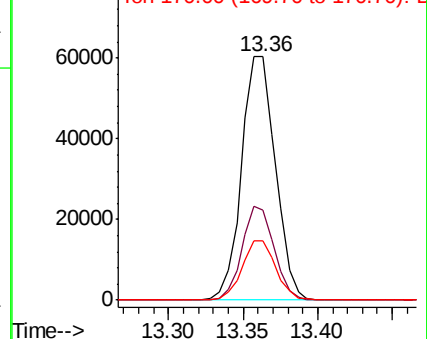
172 100

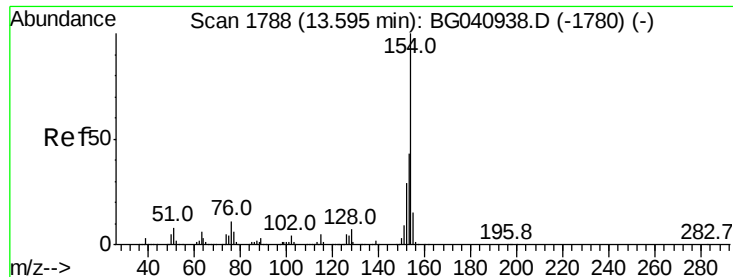
171 36.8 31.1 46.7

170 24.4 20.5 30.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 11.627 ng

RT: 13.57 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

Instrument :

BNA_G

ClientSampleId :

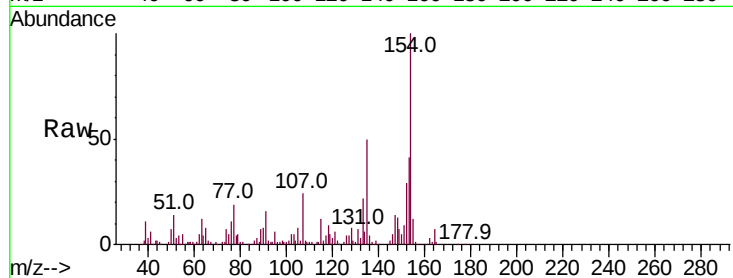
Tot Ion:154 Resp: 119567

Ion Ratio Lower Upper

154 100

153 41.2 23.3 63.3

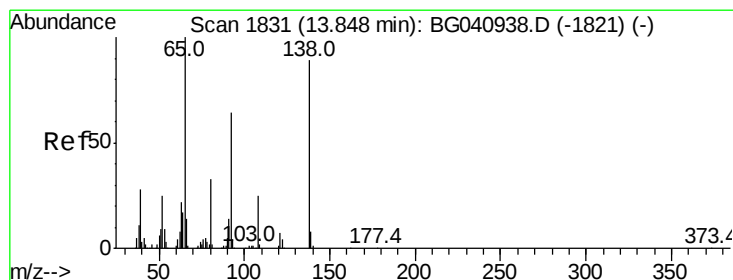
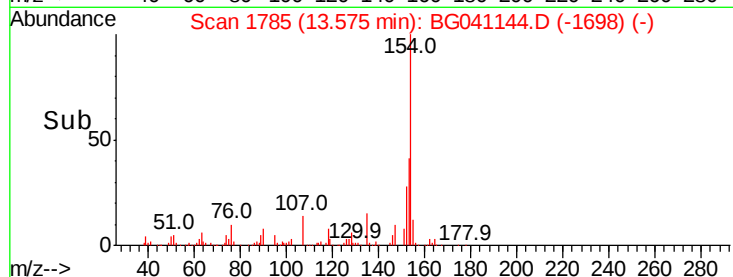
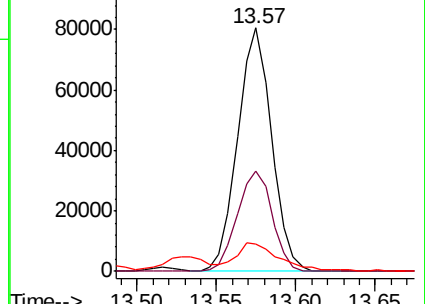
76 11.2 0.0 31.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#48

2-Nitroaniline

Concen: 9.749 ng

RT: 13.87 min Scan# 1836

Delta R.T. 0.03 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

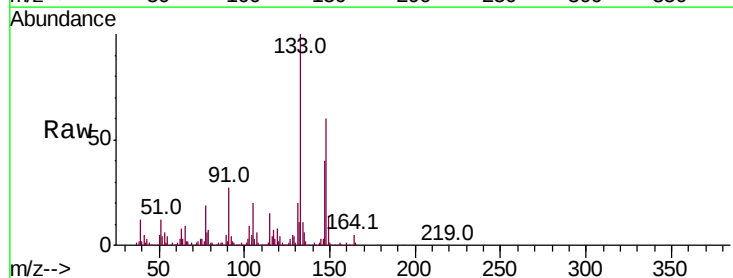
Tgt Ion: 65 Resp: 30877

Ion Ratio Lower Upper

65 100

92 40.2 51.0 76.6#

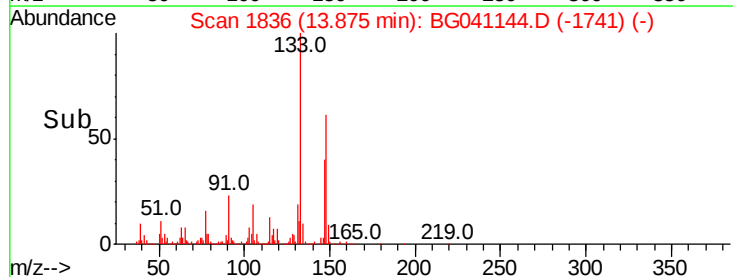
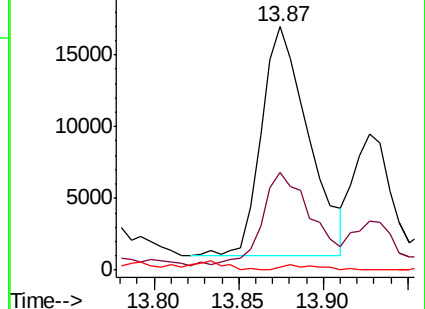
138 1.2 71.2 106.8#

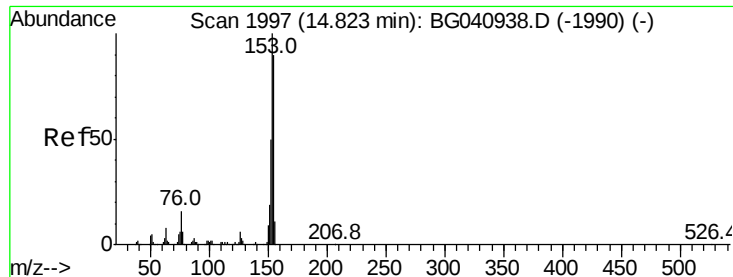


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#52

Acenaphthene

Concen: 13.905 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG041144.D

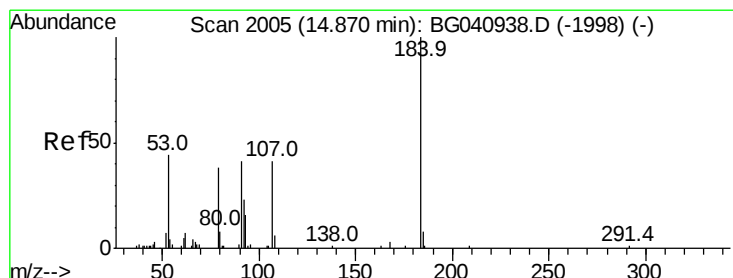
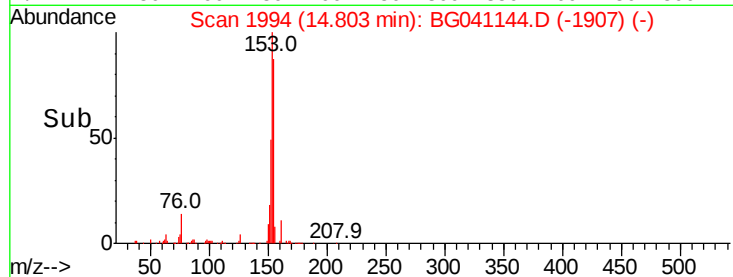
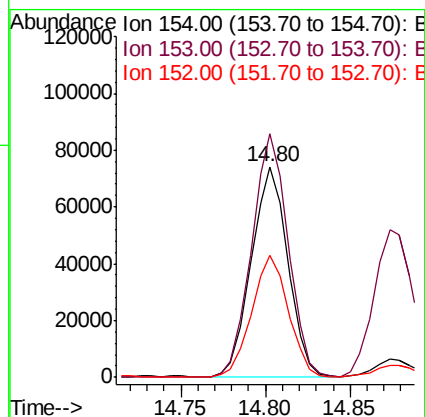
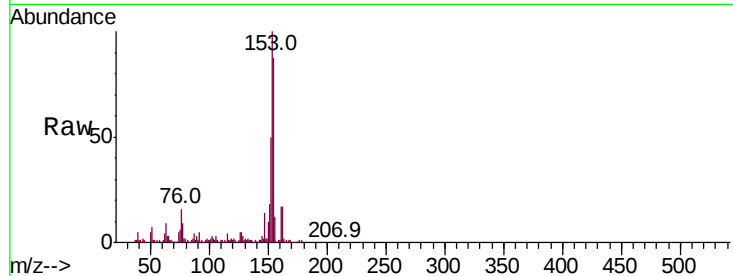
Acq: 8 Jun 2019 21:51

Instrument :

BNA_G

ClientSampled :

Tot Ion:154	Resp:	111922
Ion Ratio	Lower	Upper
154	100	
153	115.5	88.6 133.0
152	57.9	44.2 66.4



#54

2,4-Dinitrophenol

Concen: 15.678 ng

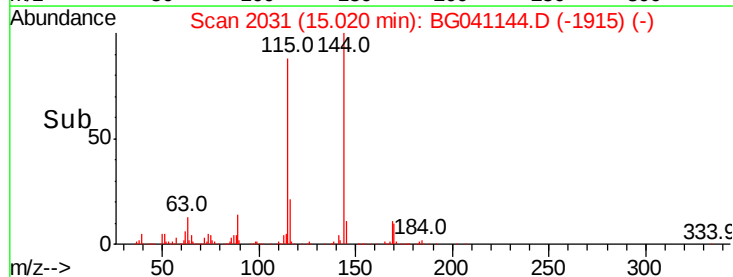
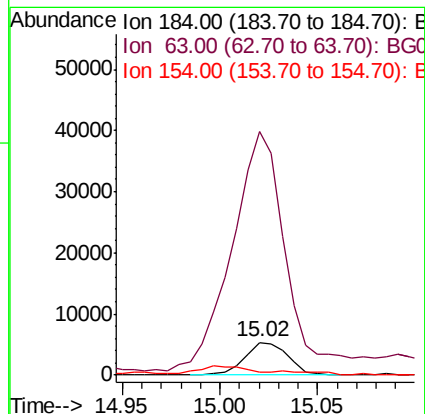
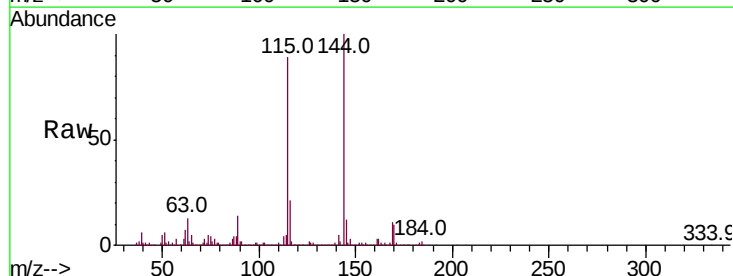
RT: 15.02 min Scan# 2031

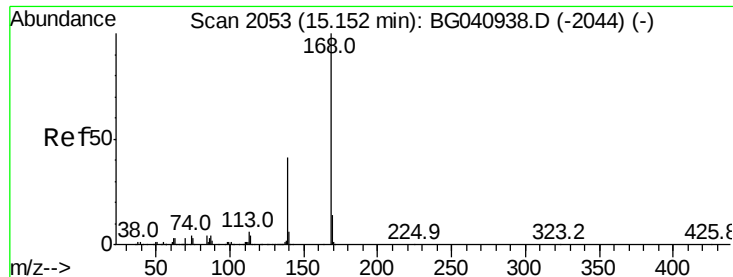
Delta R.T. 0.15 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

Tgt Ion:184	Resp:	8058
Ion Ratio	Lower	Upper
184	100	
63	749.1	49.8 74.6#
154	10.8	52.2 78.4#

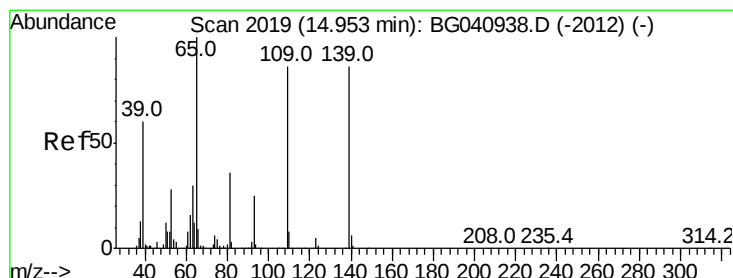
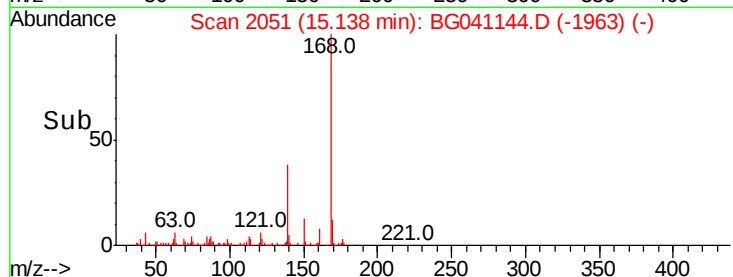
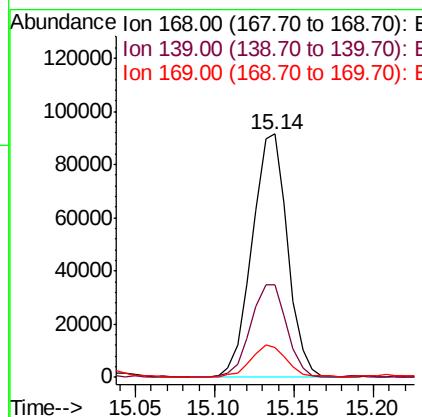
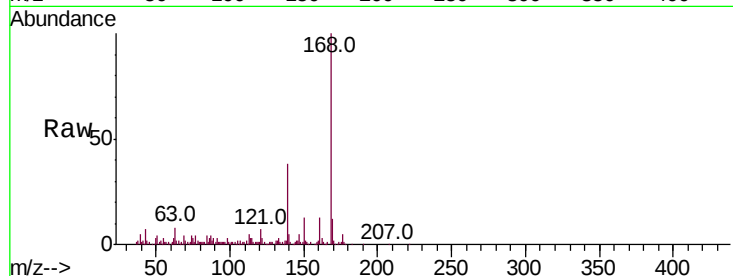




#55
Dibenzo(furan)
Concen: 10.472 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

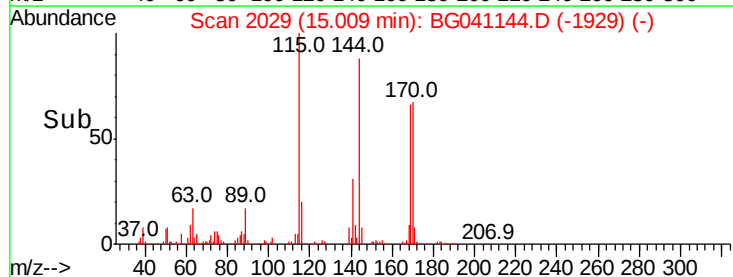
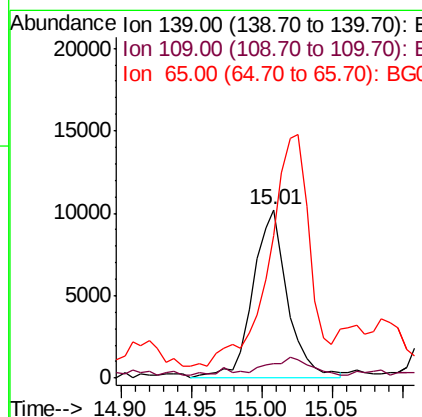
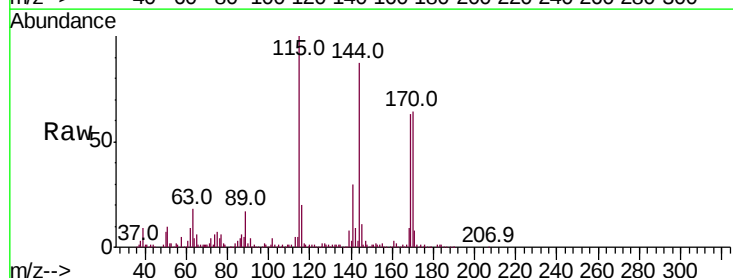
Instrument :
BNA_G
ClientSampleId :

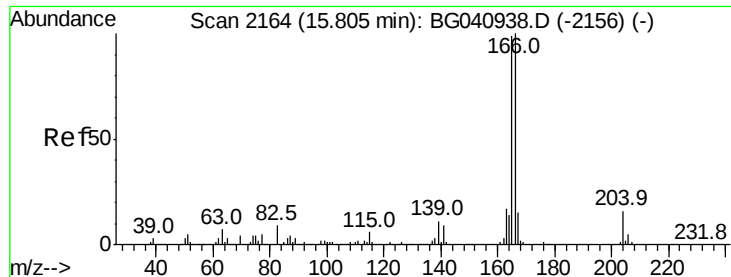
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	32.8	49.2
169	12.5	11.3	16.9



#56
4-Nitrophenol
Concen: 10.169 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.06 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	8.8	79.6	119.6#
65	84.4	96.9	136.9#

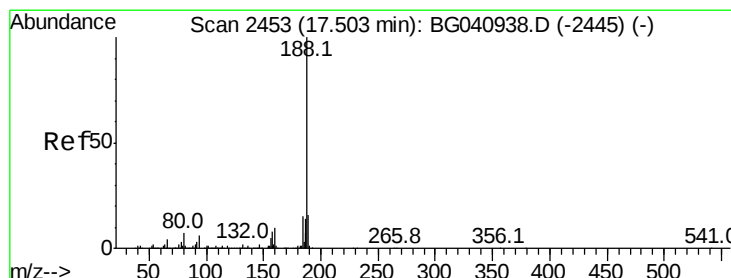
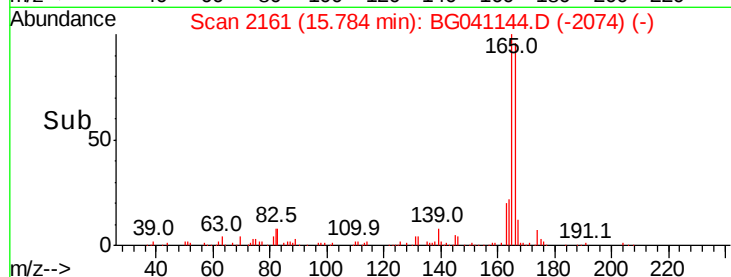
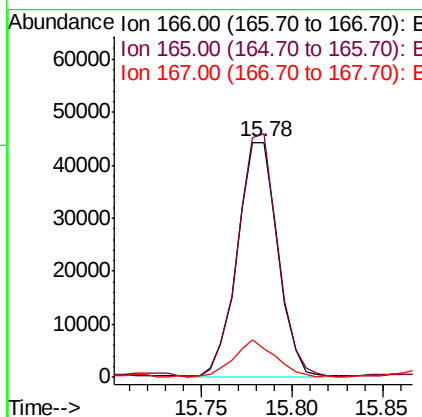
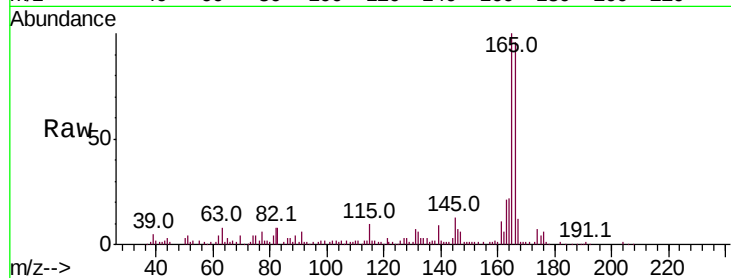




#58
 Fluorene
 Concen: 6.299 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.02 min
 Lab File: BG041144.D
 Acq: 8 Jun 2019 21:51

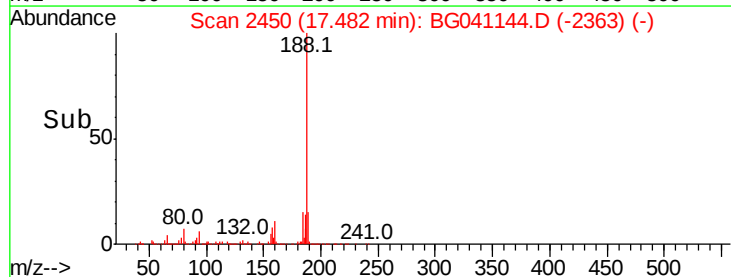
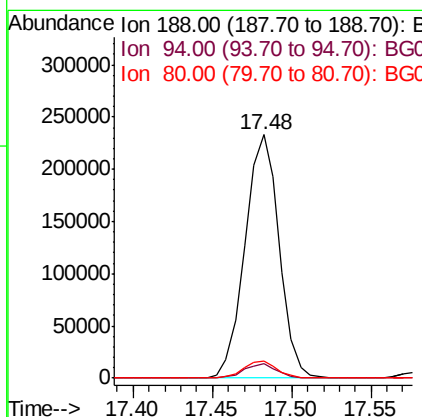
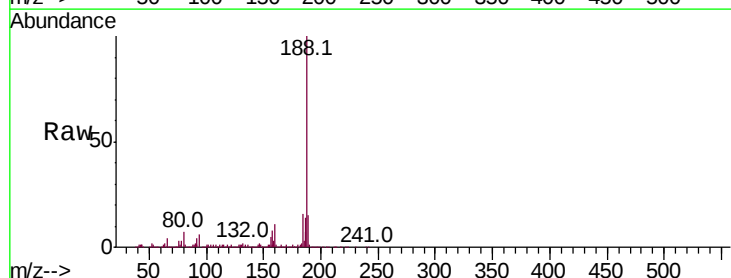
Instrument :
 BNA_G
 ClientSampleId :

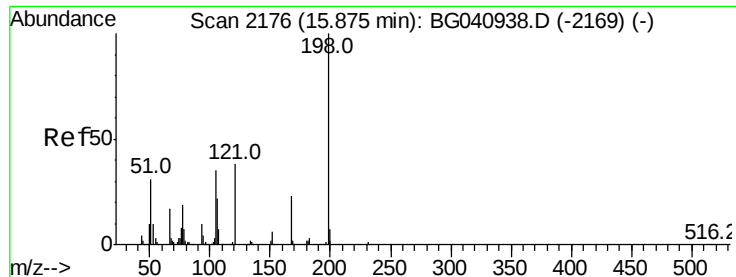
Tot Ion:166 Resp: 67939
 Ion Ratio Lower Upper
 166 100
 165 103.7 79.2 118.8
 167 12.3 11.8 17.6



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2450
 Delta R.T. -0.02 min
 Lab File: BG041144.D
 Acq: 8 Jun 2019 21:51

Tgt Ion:188 Resp: 348003
 Ion Ratio Lower Upper
 188 100
 94 6.0 4.7 7.1
 80 7.2 5.8 8.8

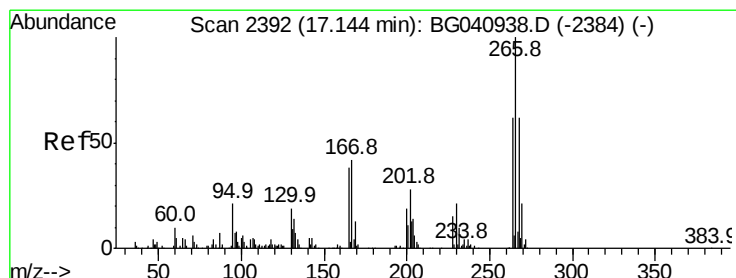
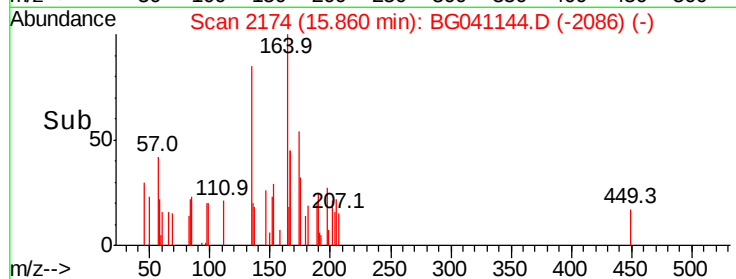
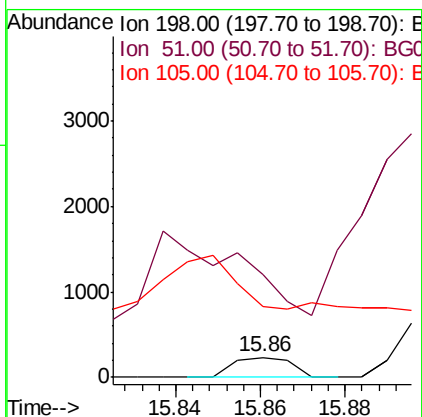
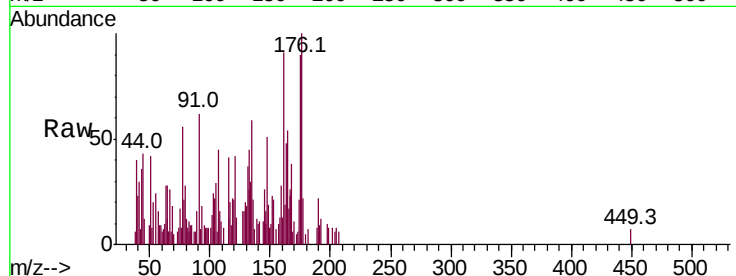




#65
4,6-Dinitro-2-methylphenol
Concen: 8.688 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

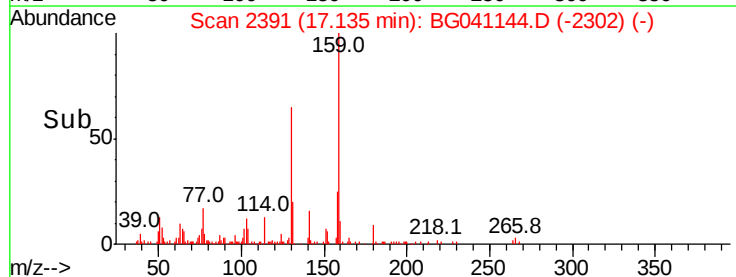
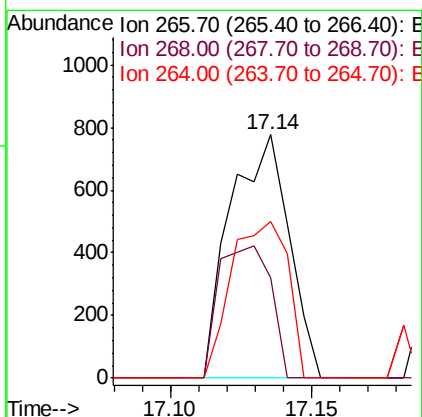
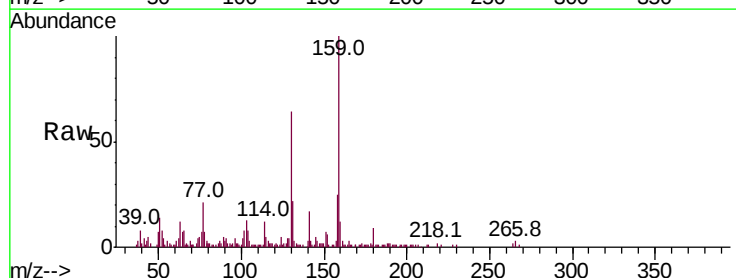
Instrument :
BNA_G
ClientSampleId :

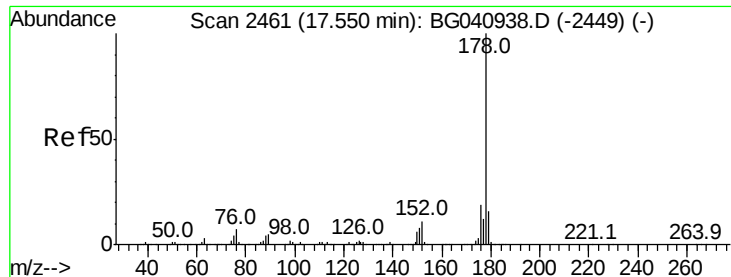
Tot Ion:198 Resp: 223
Ion Ratio Lower Upper
198 100
51 513.7 21.6 61.6#
105 354.5 17.5 57.5#



#70
Pentachlorophenol
Concen: 4.651 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG041144.D
Acq: 8 Jun 2019 21:51

Tgt Ion:266 Resp: 1118
Ion Ratio Lower Upper
266 100
268 41.1 53.1 79.7#
264 64.2 49.9 74.9





#71

Phenanthrene

Concen: 3.179 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.03 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

Instrument :

BNA_G

ClientSampled :

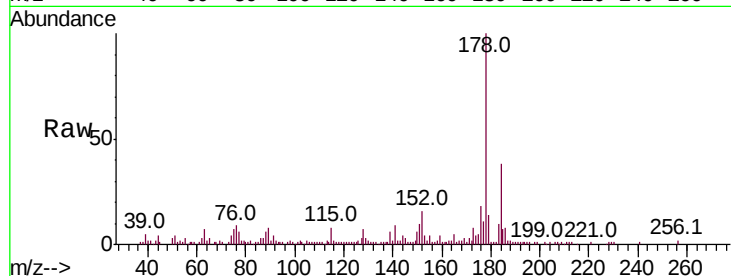
Tot Ion:178 Resp: 57617

Ion Ratio Lower Upper

178 100

176 18.4 15.5 23.3

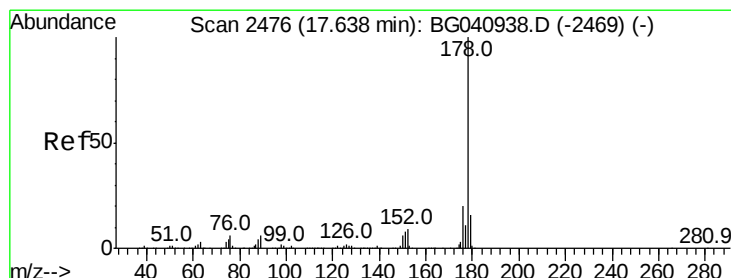
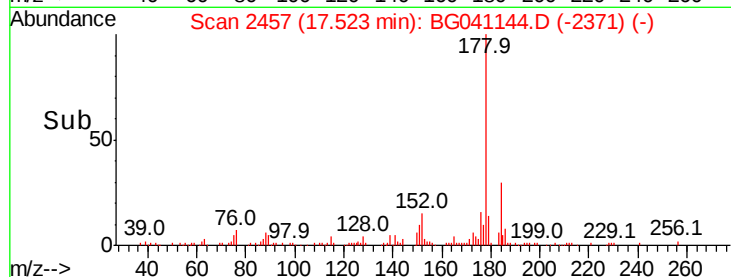
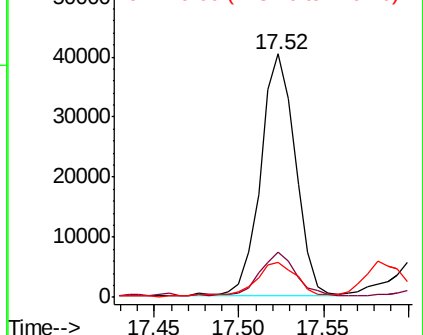
179 14.3 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 3.223 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.11 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

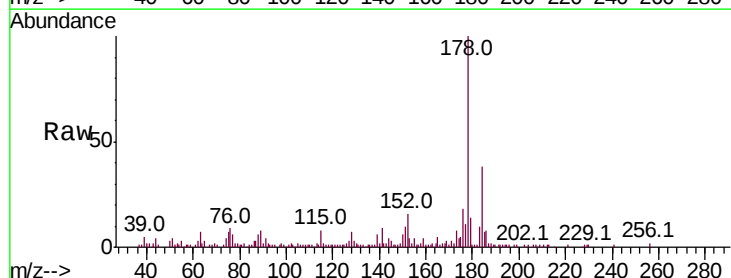
Tgt Ion:178 Resp: 57617

Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

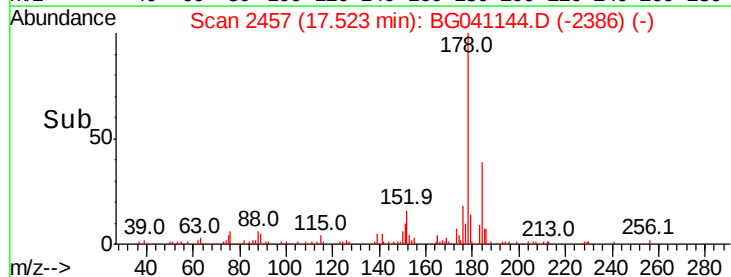
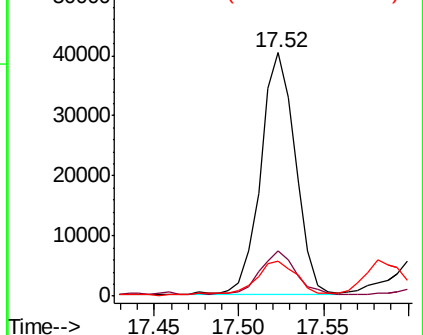
179 14.3 13.0 19.4

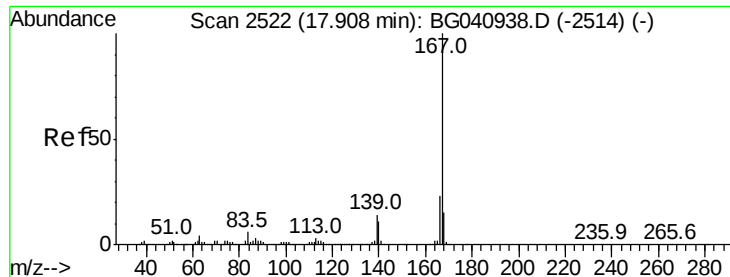


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

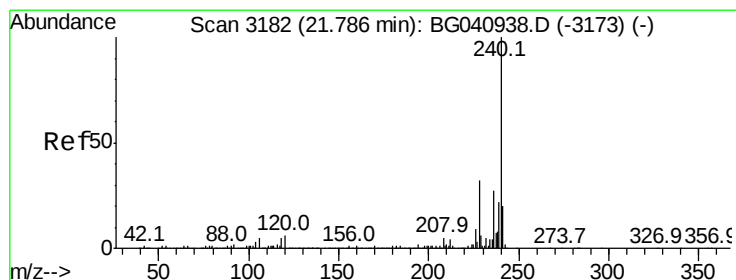
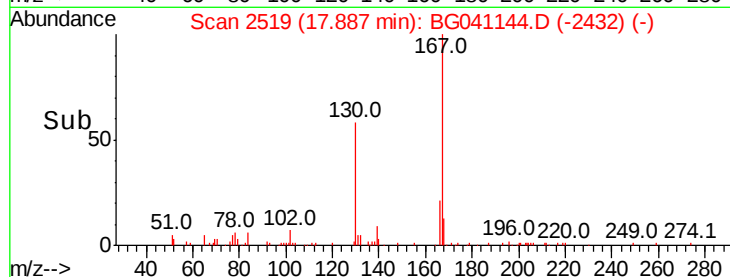
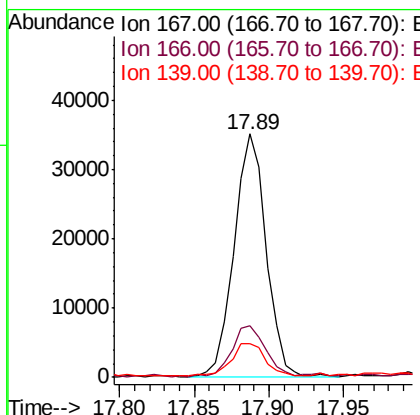
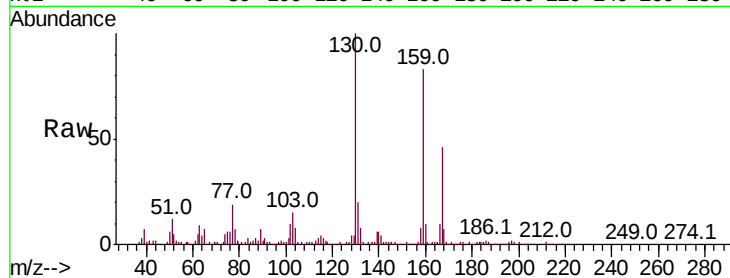




#73
 Carbazole
 Concen: 3.439 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BG041144.D
 Acq: 8 Jun 2019 21:51

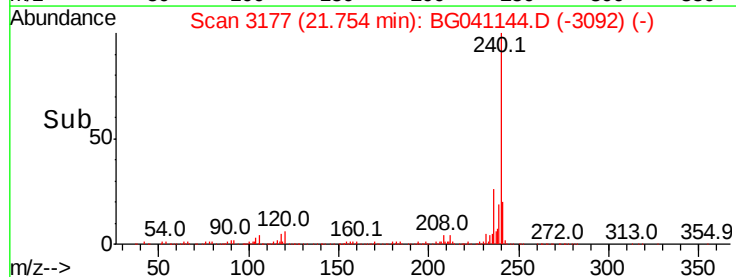
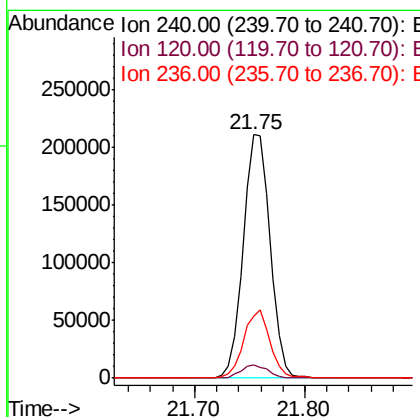
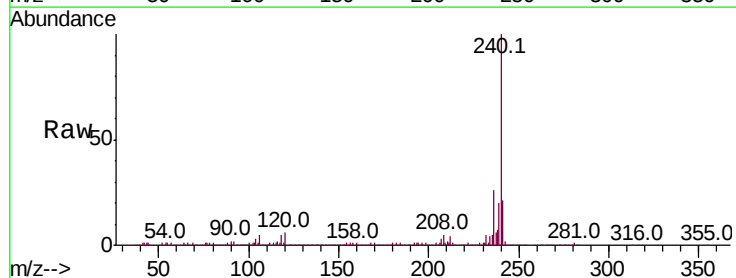
Instrument :
 BNA_G
 ClientSampled :

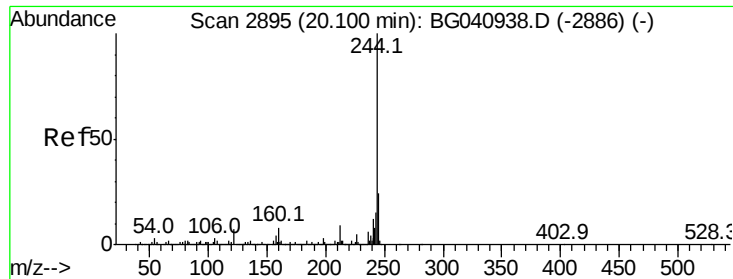
Tot Ion:167 Resp: 52761
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.2 27.4
 139 13.7 10.8 16.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. -0.03 min
 Lab File: BG041144.D
 Acq: 8 Jun 2019 21:51

Tgt Ion:240 Resp: 362806
 Ion Ratio Lower Upper
 240 100
 120 5.7 4.5 6.7
 236 25.5 21.3 31.9





#79

Terphenyl-d14

Concen: 10.104 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.03 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

Instrument :

BNA_G

ClientSampleId :

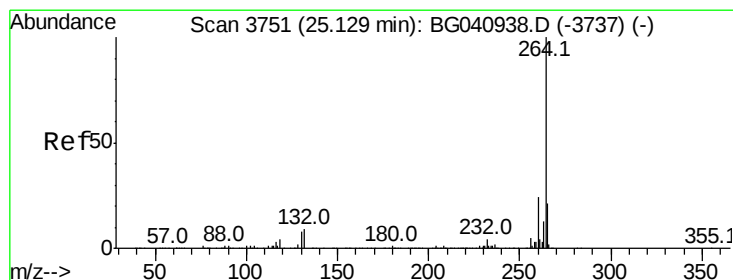
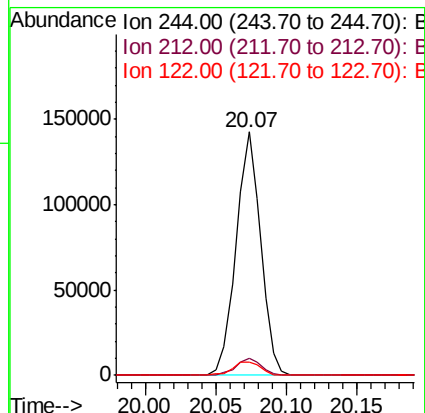
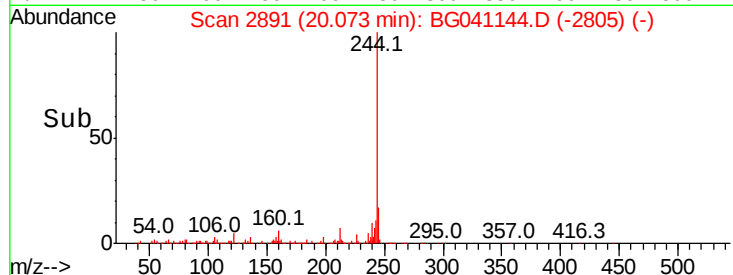
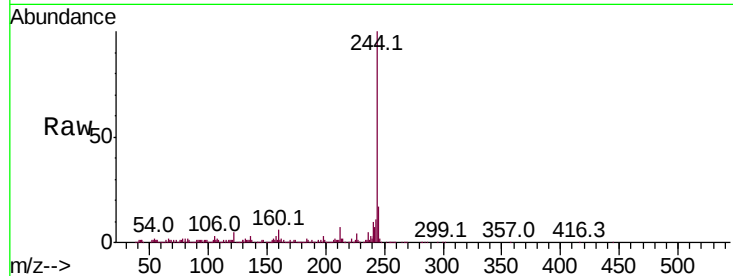
Tot Ion:244 Resp: 172732

Ion Ratio Lower Upper

244 100

212 7.2 7.0 10.4

122 5.3 5.4 8.0#



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.05 min

Lab File: BG041144.D

Acq: 8 Jun 2019 21:51

Tgt Ion:264 Resp: 397138

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 20.0 17.0 25.4

