

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044410.D
 Acq On : 12 Feb 2020 15:51
 Operator : CG/JU
 Sample : L1491-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 13 01:04:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	66547	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	285978	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	197985	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	472906	20.00	ng	0.00
76) Chrysene-d12	21.53	240	447958	20.00	ng	-0.01
87) Perylene-d12	24.61	264	466088	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	456048	120.95	ng	0.00
7) Phenol-d6	7.07	99	612009	120.87	ng	0.00
23) Nitrobenzene-d5	9.06	82	367209	72.49	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	271461	116.80	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	875464	74.05	ng	0.00
79) Terphenyl-d14	19.90	244	1381973	63.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	474	0.280	ng	# 24
4) n-Nitrosodimethylamine	3.67	42	140	0.074	ng	# 1
9) Benzaldehyde	7.07	77	1003	0.348	ng	# 1
10) Phenol	7.10	94	4505	0.899	ng	# 3
15) Benzyl Alcohol	8.22	79	5881	1.641	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	8.03	45	53	0.009	ng	# 67
19) n-Nitroso-di-n-propylamine	9.06	70	46556	13.796	ng	# 76
22) Acetophenone	8.72	105	55	0.008	ng	# 54
24) Nitrobenzene	9.05	77	998	0.202	ng	# 36
25) Isophorone	9.58	82	110	0.012	ng	# 64
37) 2-Methylnaphthalene	12.59	142	189	0.018	ng	# 83
38) 1-Methylnaphthalene	12.59	142	189	0.019	ng	# 95
46) 1,1'-Biphenyl	13.38	154	2147	0.150	ng	# 96
48) 2-Nitroaniline	13.99	65	193	0.058	ng	# 1
49) Acenaphthylene	14.60	152	1095	0.066	ng	# 1
50) Dimethylphthalate	13.99	163	33317	2.341	ng	# 99
51) 2,6-Dinitrotoluene	14.54	165	26096	8.224	ng	# 29
52) Acenaphthene	14.60	154	1591	0.147	ng	# 91
55) Dibenzofuran	14.94	168	618	0.038	ng	# 72
56) 4-Nitrophenol	14.94	139	231	0.090	ng	# 11
57) 2,4-Dinitrotoluene	14.54	165	26096	5.868	ng	# 27
58) Fluorene	15.59	166	2068	0.161	ng	# 90
60) Diethylphthalate	15.36	149	111	0.008	ng	# 57
63) Azobenzene	16.03	77	1499	0.121	ng	# 52
65) 4,6-Dinitro-2-methylphenol	16.03	198	695	0.266	ng	# 1
66) n-Nitrosodiphenylamine	15.81	169	540	0.041	ng	# 21
67) 4-Bromophenyl-phenylether	16.03	248	18634	3.617	ng	# 1
71) Phenanthrene	17.42	178	4578	0.200	ng	# 95
72) Anthracene	17.42	178	4578	0.202	ng	# 95
73) Carbazole	17.69	167	4755	0.228	ng	# 91
74) Di-n-butylphthalate	18.25	149	726	0.028	ng	# 63
75) Fluoranthene	19.34	202	10805	0.408	ng	# 96
77) Benzidine	19.90	184	20954	1.686	ng	# 93
78) Pyrene	19.34	202	10805	0.376	ng	# 93

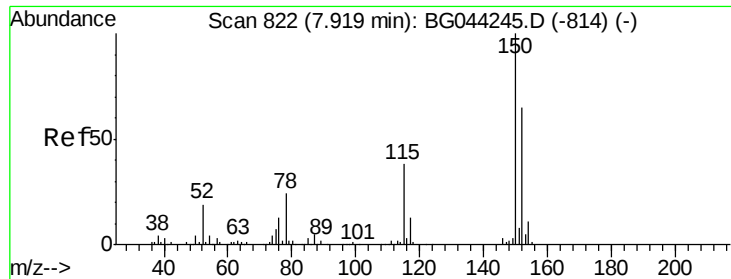
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044410.D
 Acq On : 12 Feb 2020 15:51
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Quant Time: Feb 13 01:04:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
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 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Butylbenzylphthalate	20.59	149	672	0.051	nq	# 39
81) Benzo(a)anthracene	21.57	228	4058	0.147	nq	92
82) 3,3'-Dichlorobenzidine	21.44	252	254	0.024	nq	# 25
83) Chrysene	21.57	228	4058	0.152	nq	# 89
84) Bis(2-ethylhexyl)phthalate	21.43	149	3596	0.199	nq	# 94
85) Di-n-octyl phthalate	22.59	149	6136	0.197	nq	# 95
86) Indeno(1,2,3-cd)pyrene	28.10	276	3072	0.088	nq	# 77
88) Benzo(b)fluoranthene	23.64	252	4459	0.166	nq	# 92
89) Benzo(k)fluoranthene	23.70	252	3617	0.138	nq	# 92
90) Benzo(a)pyrene	24.47	252	4129	0.163	nq	# 82
91) Dibenzo(a,h)anthracene	28.17	278	2006	0.080	nq	# 82
92) Benzo(a,h,i)perylene	29.18	276	4080	0.162	nq	# 90

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

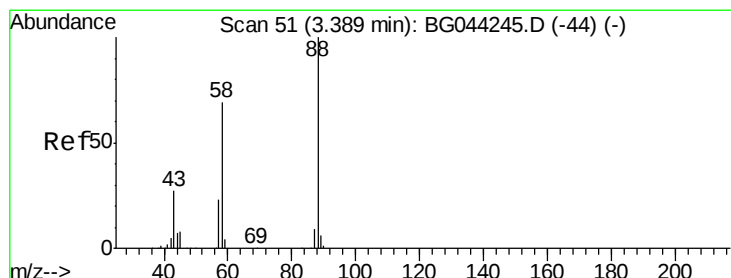
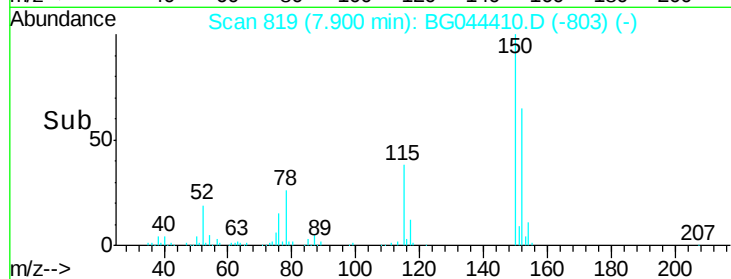
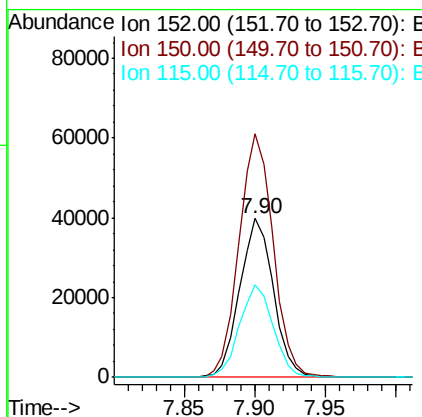
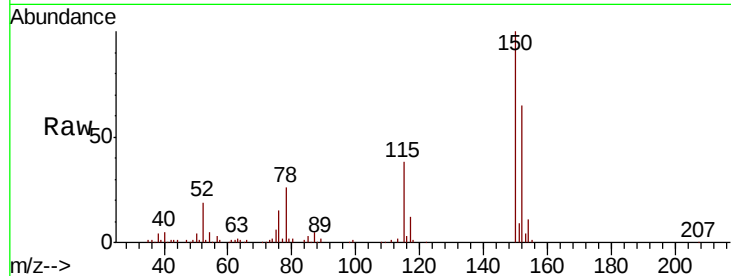


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Instrument :
BNA_G
ClientSampleId :

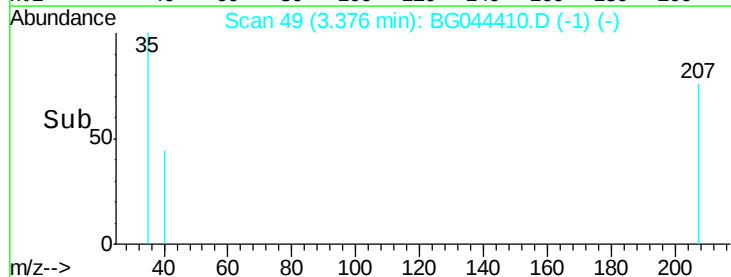
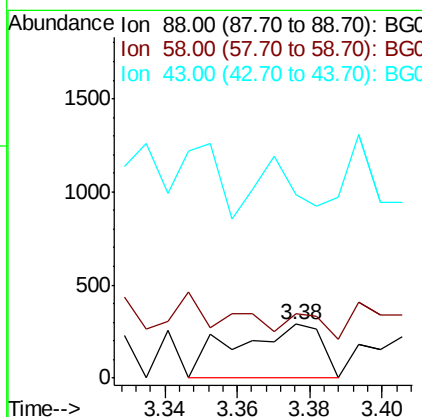
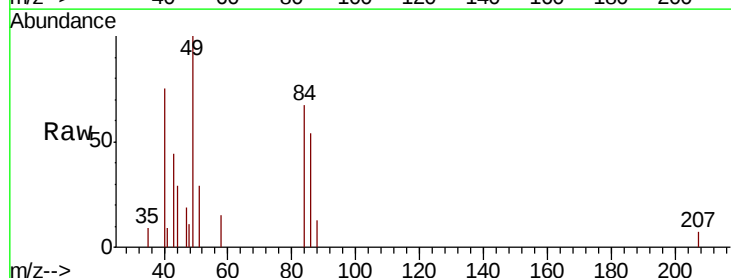
Tot Ion:152 Resp: 66547
Ion Ratio Lower Upper
152 100
150 153.1 122.6 183.8
115 58.1 46.0 69.0

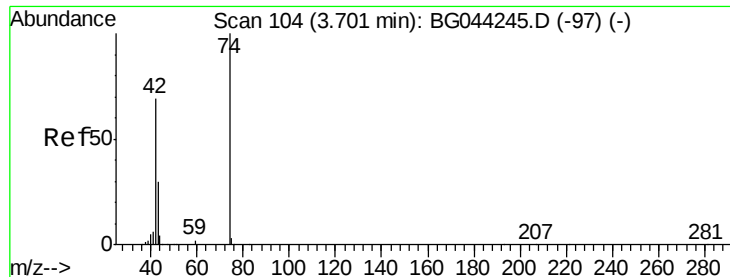


#2

1,4-Dioxane
Concen: 0.280 ng
RT: 3.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Tgt Ion: 88 Resp: 474
Ion Ratio Lower Upper
88 100
58 0.0 55.8 83.6#
43 0.0 21.6 32.4#





#4

n-Nitrosodimethylamine

Concen: 0.074 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampleId :

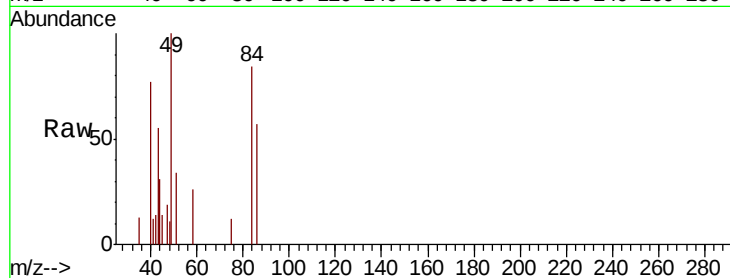
Tot Ion: 42 Resp: 140

Ion Ratio Lower Upper

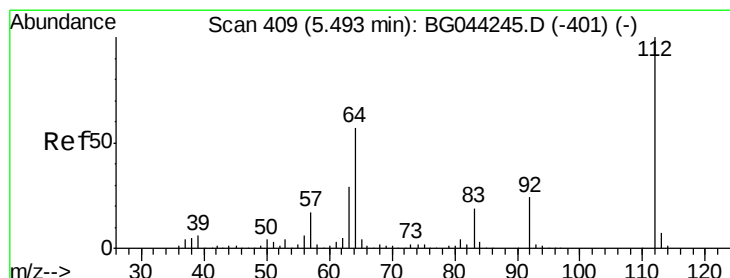
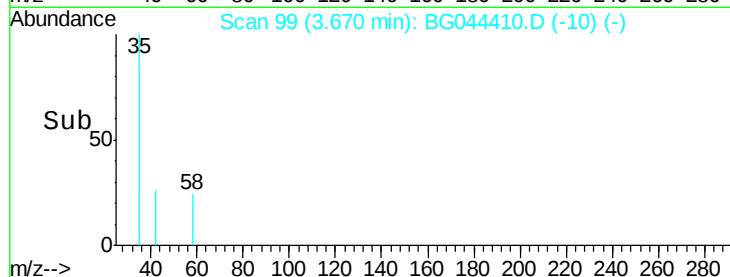
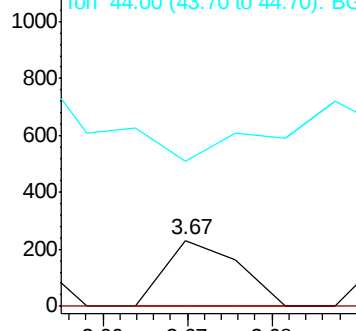
42 100

74 0.0 115.1 172.7#

44 220.3 5.6 8.4#



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



#5

2-Fluorophenol

Concen: 120.945 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

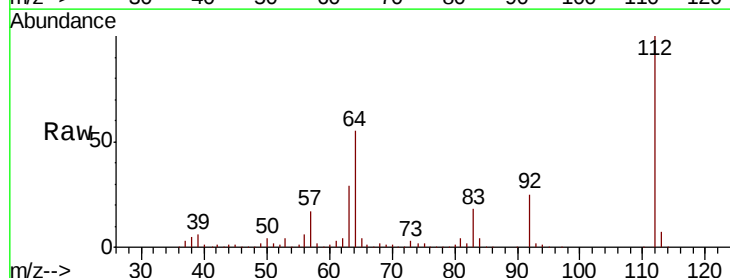
Tgt Ion:112 Resp: 456048

Ion Ratio Lower Upper

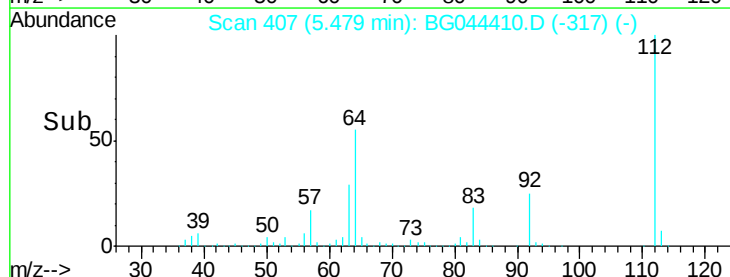
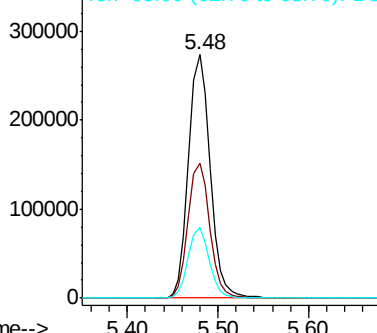
112 100

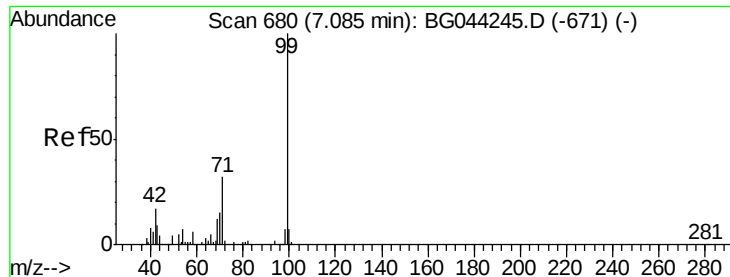
64 55.2 45.4 68.2

63 28.8 22.9 34.3



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





#7

Phenol-d6

Concen: 120.867 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampleId :

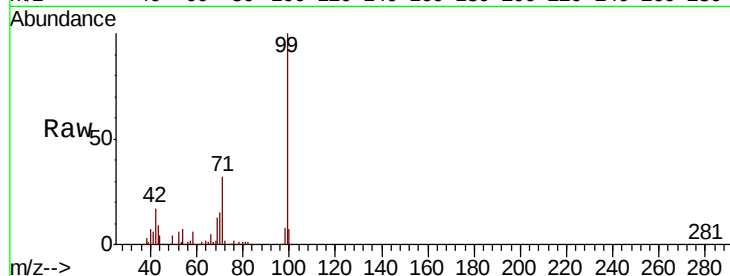
Tot Ion: 99 Resp: 612009

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.6

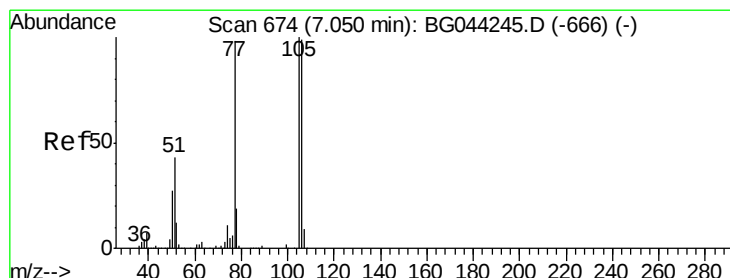
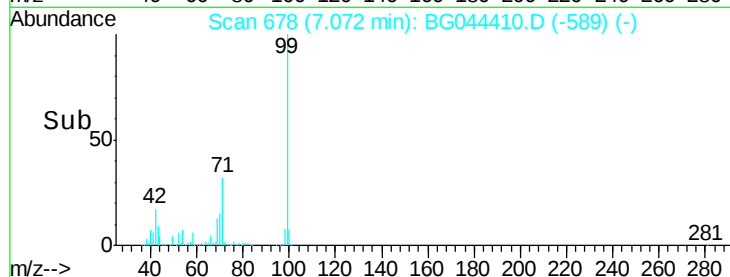
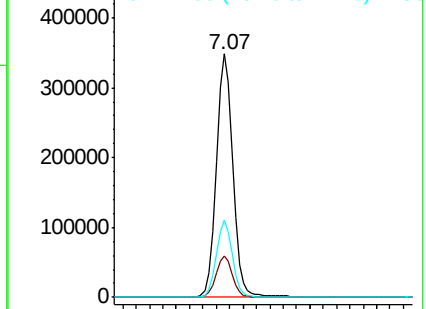
71 31.9 25.5 38.3



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



#9

Benzaldehyde

Concen: 0.348 ng

RT: 7.07 min Scan# 678

Delta R.T. 0.04 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

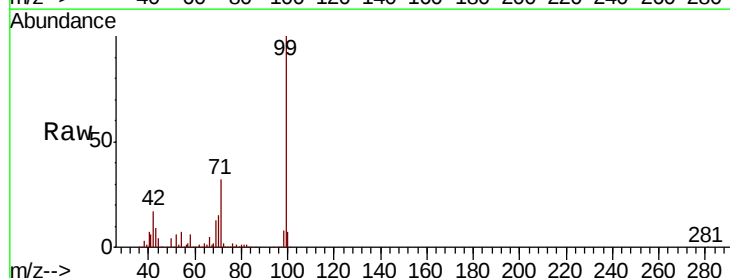
Tgt Ion: 77 Resp: 1003

Ion Ratio Lower Upper

77 100

105 0.0 82.0 122.0#

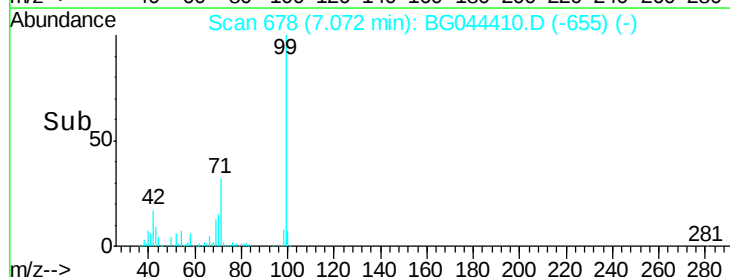
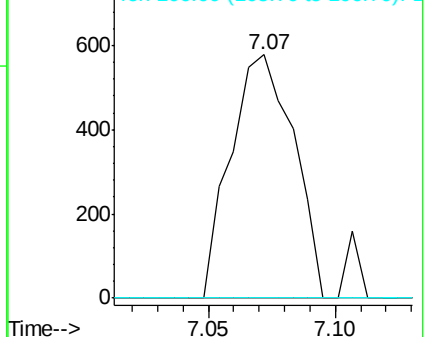
106 0.0 80.7 120.7#

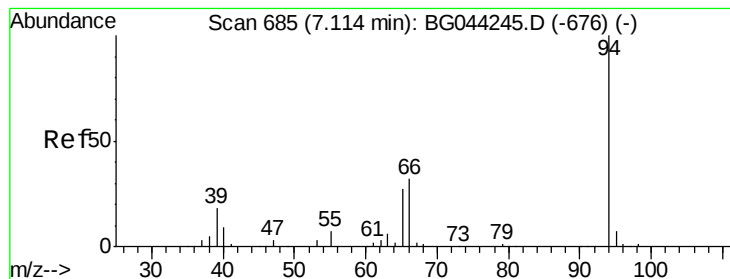


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 0.899 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampleId :

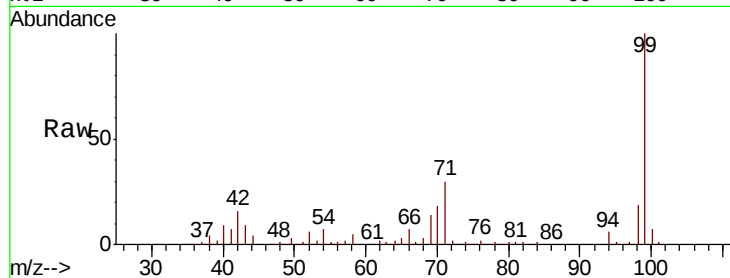
Tot Ion: 94 Resp: 4505

Ion Ratio Lower Upper

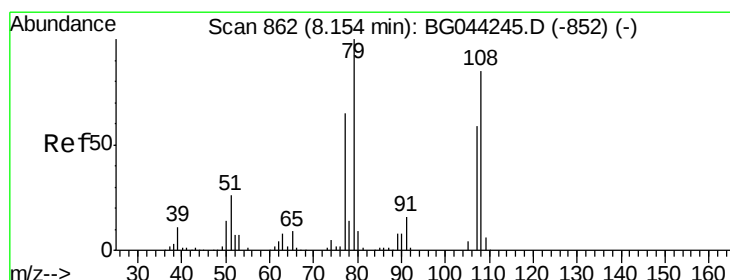
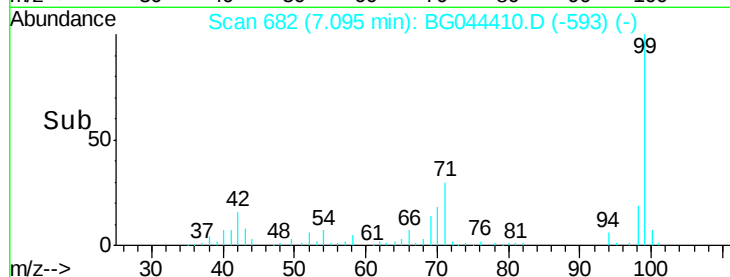
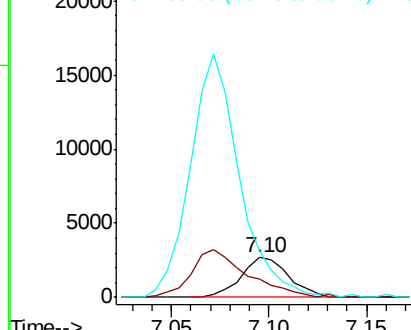
94 100

65 44.9 7.0 47.0

66 116.2 12.7 52.7#



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



#15

Benzyl Alcohol

Concen: 1.641 ng

RT: 8.22 min Scan# 874

Delta R.T. 0.08 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

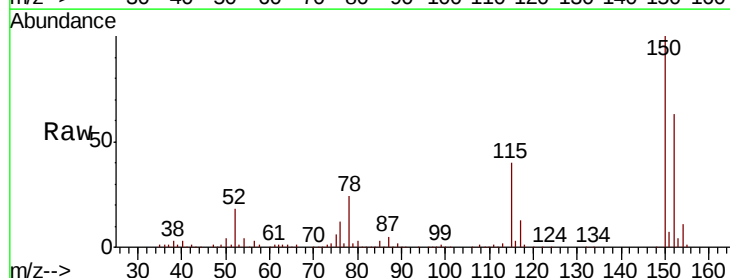
Tgt Ion: 79 Resp: 5881

Ion Ratio Lower Upper

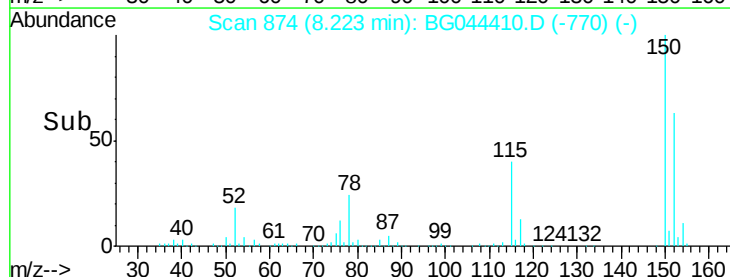
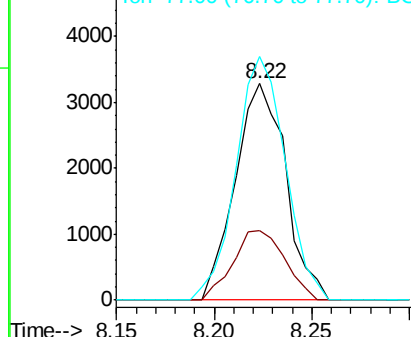
79 100

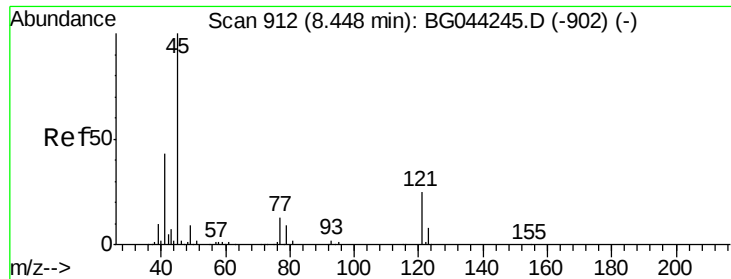
108 31.9 68.3 102.5#

77 112.4 51.8 77.8#



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

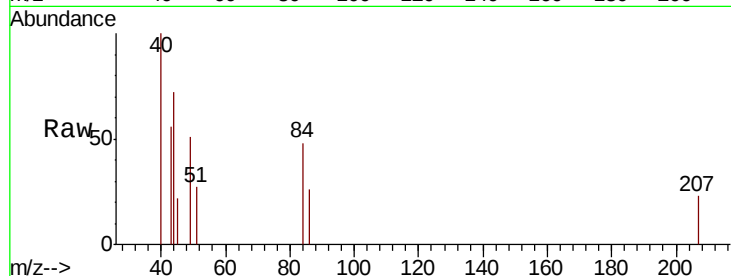




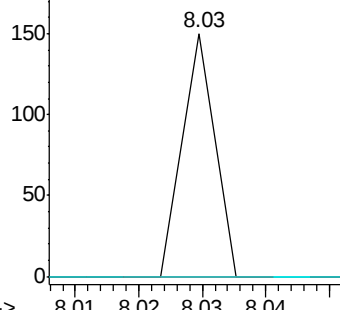
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.009 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.40 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Instrument :
BNA_G
ClientSampleId :

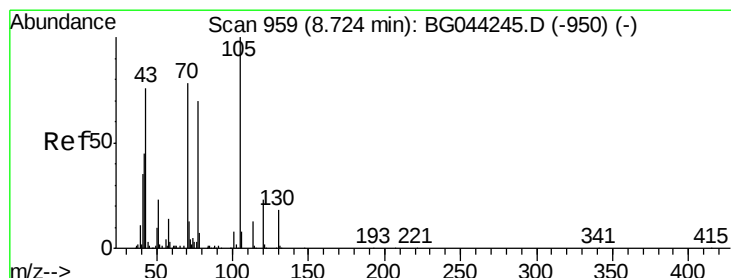
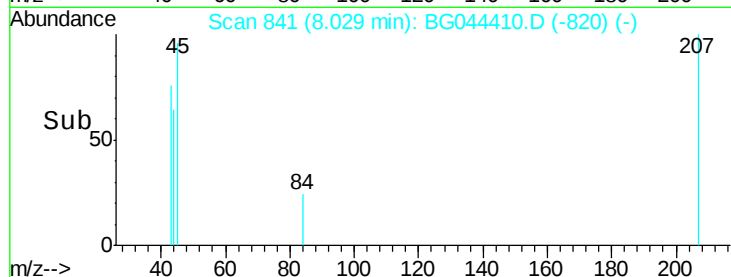
Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	35.2
79	0.0	0.0	31.1



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



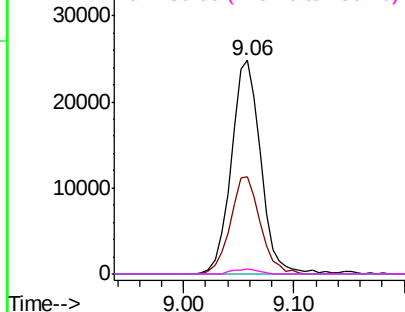
Time-->



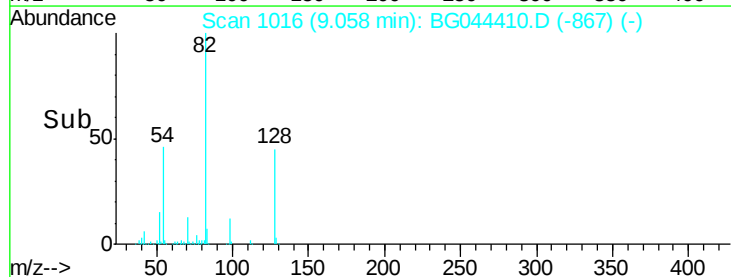
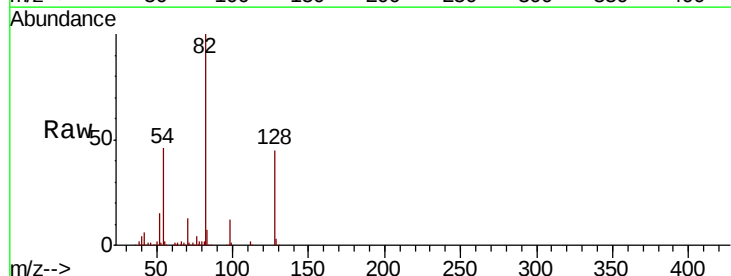
#19
n-Nitroso-di-n-propylamine
Concen: 13.796 ng
RT: 9.06 min Scan# 1016
Delta R.T. 0.35 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

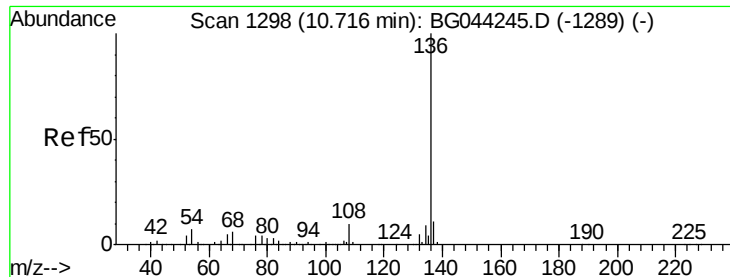
Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.4	46.2	69.2#
101	0.0	8.4	12.6#
130	2.1	17.8	26.8#

Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



Time-->

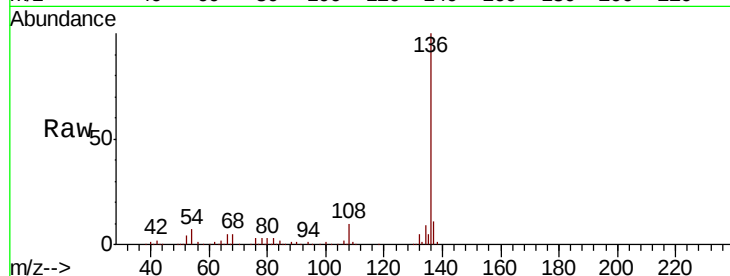




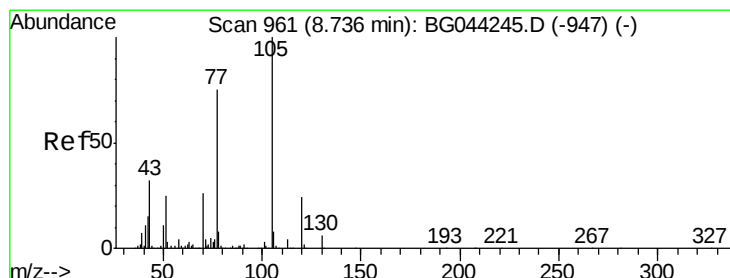
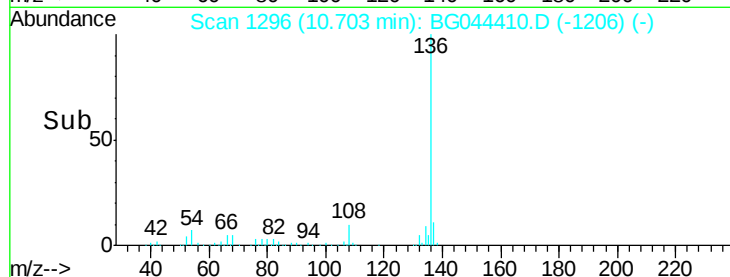
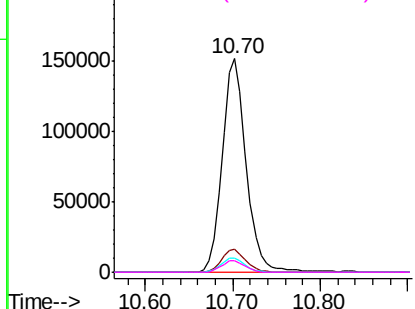
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	285978
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	6.9	5.8 8.8
68	5.4	4.6 6.8

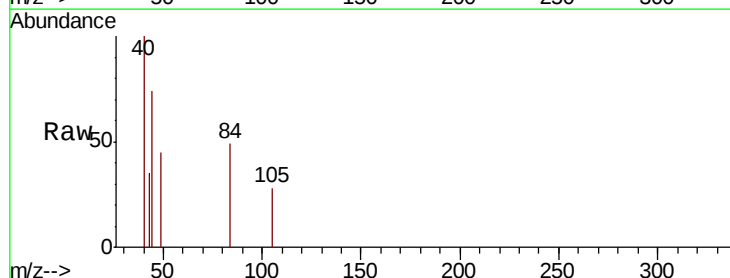


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

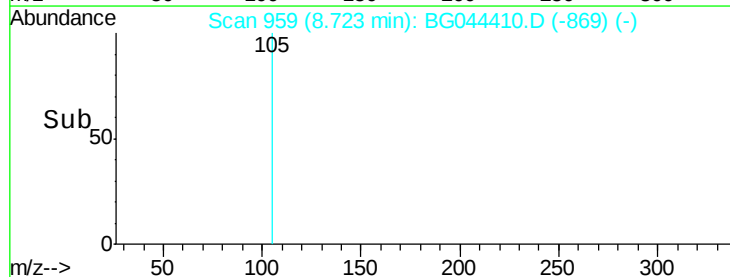
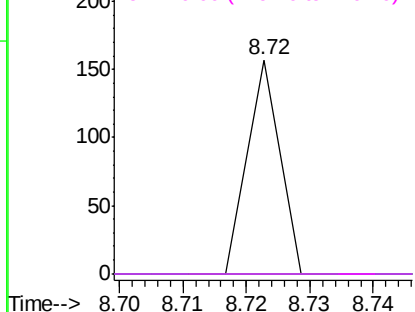


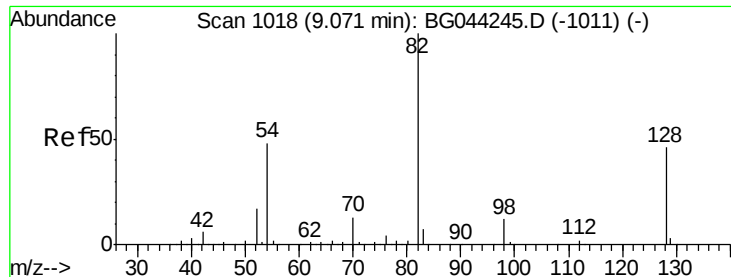
#22
Acetophenone
Concen: 0.008 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Tgt Ion:105	Resp:	55
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.4 5.0#
51	0.0	20.2 30.4#
120	0.0	19.1 28.7#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

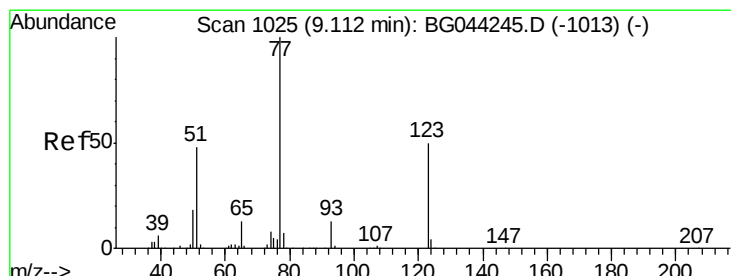
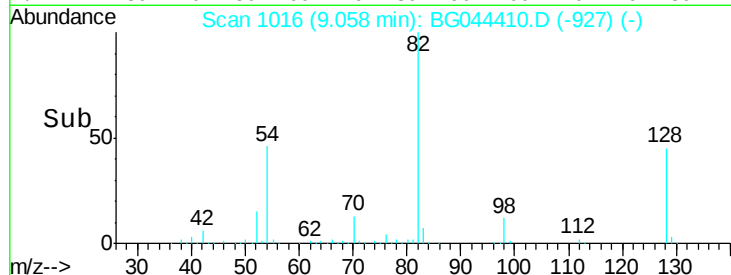
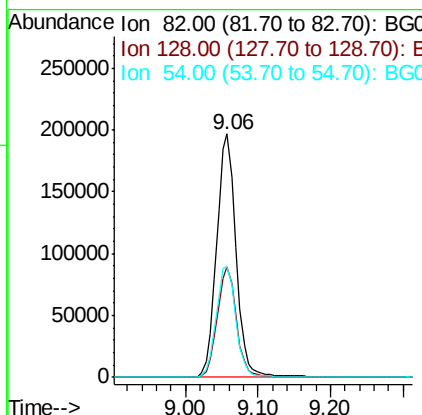
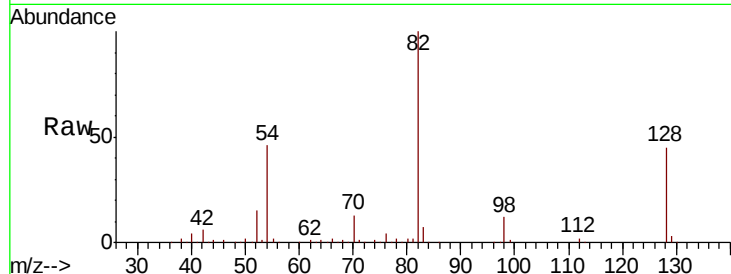




#23
 Nitrobenzene-d5
 Concen: 72.493 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG044410.D
 Acq: 12 Feb 2020 15:51

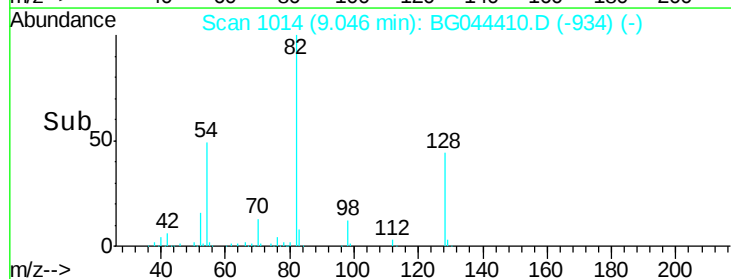
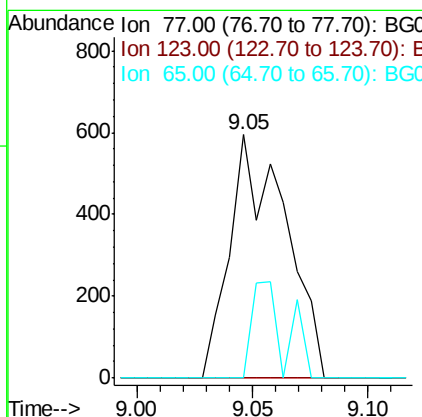
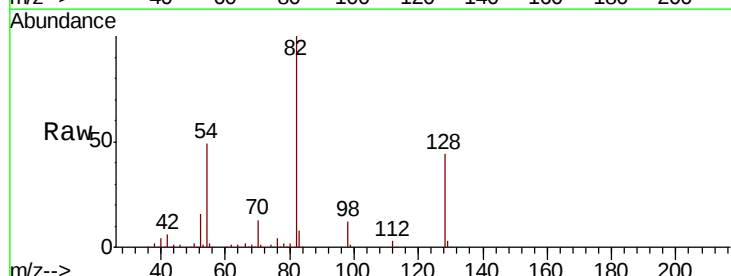
Instrument :
 BNA_G
 ClientSampleId :

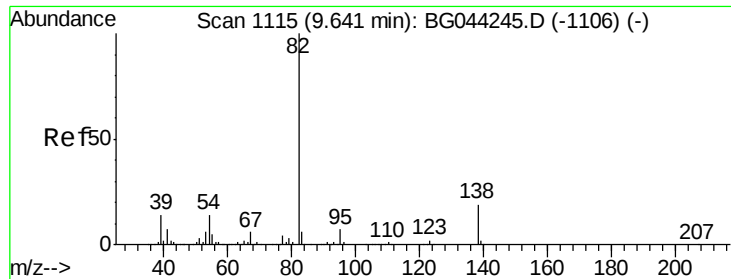
Tot Ion	82	Resp	367209
Ion Ratio	Lower	Upper	
82	100		
128	45.4	36.5	54.7
54	45.5	38.6	58.0



#24
 Nitrobenzene
 Concen: 0.202 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.06 min
 Lab File: BG044410.D
 Acq: 12 Feb 2020 15:51

Tgt Ion	77	Resp	998
Ion Ratio	Lower	Upper	
77	100		
123	0.0	39.9	59.9#
65	0.0	10.4	15.6#





#25

Isophorone

Concen: 0.012 ng

RT: 9.58 min Scan# 1105

Delta R.T. -0.05 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampleId :

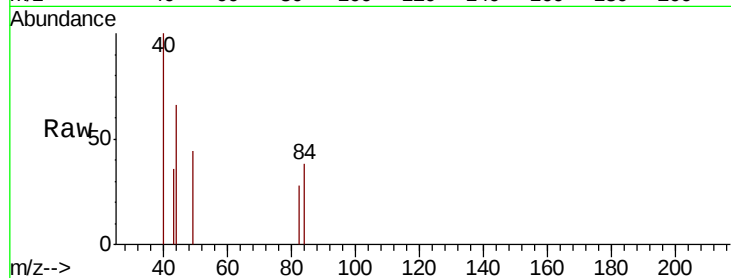
Tot Ion: 82 Resp: 110

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 15.0 22.4#

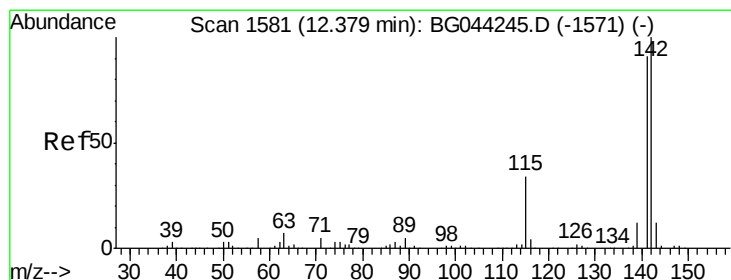
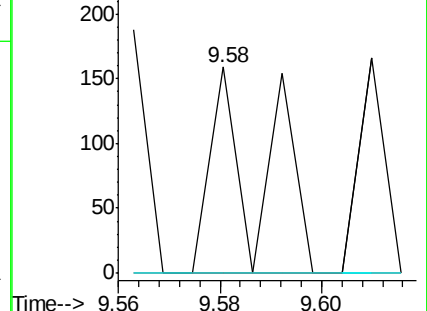
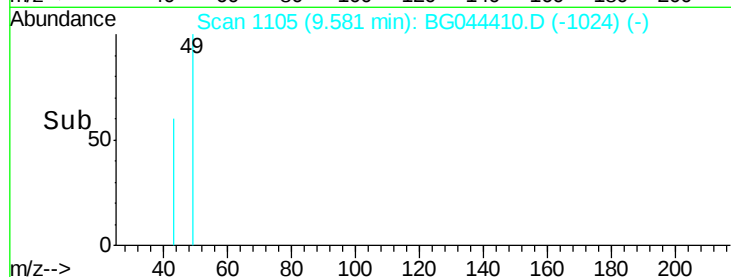


Abundance Ion 82.00 (81.70 to 82.70): BG044410.D (-1024) (-)

Ion 95.00 (94.70 to 95.70): BG044410.D (-1024) (-)

Ion 138.00 (137.70 to 138.70): BG044410.D (-1024) (-)

Time--> 9.56 9.58 9.60 9.62



#37

2-Methylnaphthalene

Concen: 0.018 ng

RT: 12.59 min Scan# 1618

Delta R.T. 0.23 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

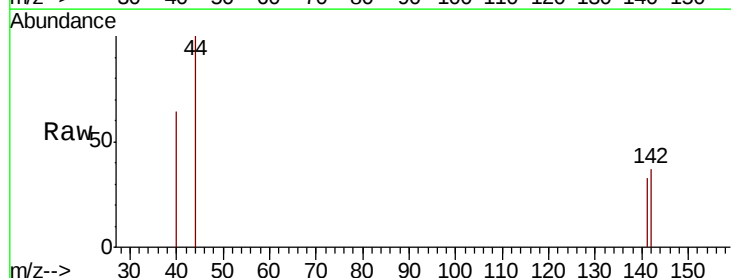
Tgt Ion: 142 Resp: 189

Ion Ratio Lower Upper

142 100

141 89.8 73.2 109.8

115 0.0 27.1 40.7#

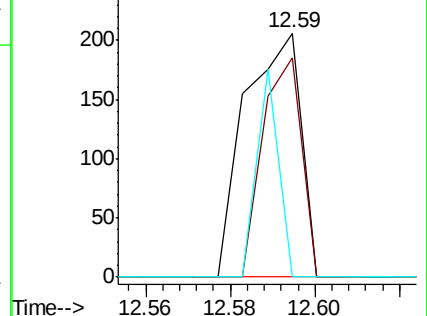
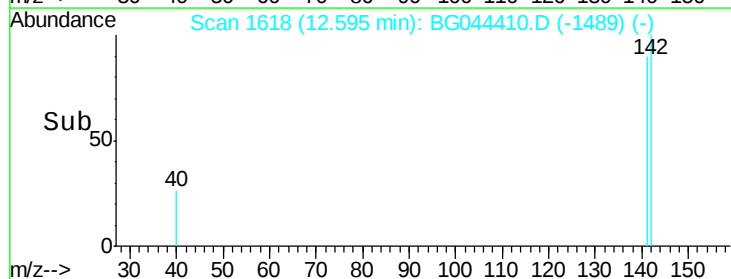


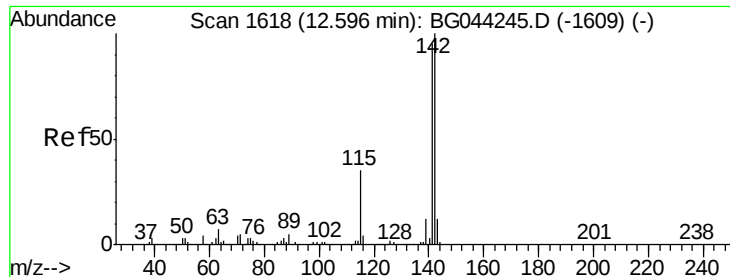
Abundance Ion 142.00 (141.70 to 142.70): BG044410.D (-1489) (-)

Ion 141.00 (140.70 to 141.70): BG044410.D (-1489) (-)

Ion 115.00 (114.70 to 115.70): BG044410.D (-1489) (-)

Time--> 12.56 12.58 12.60

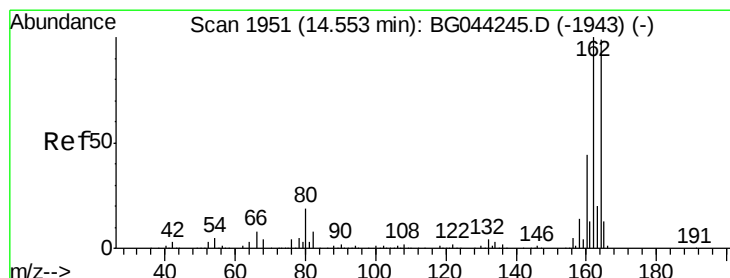
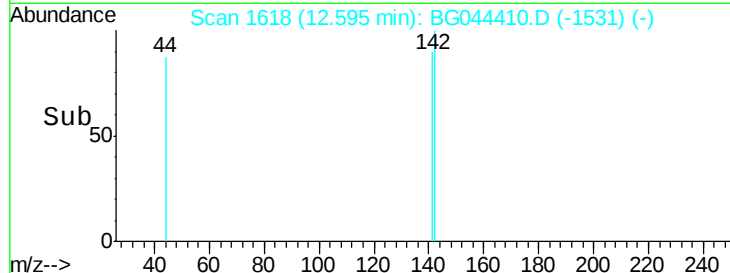
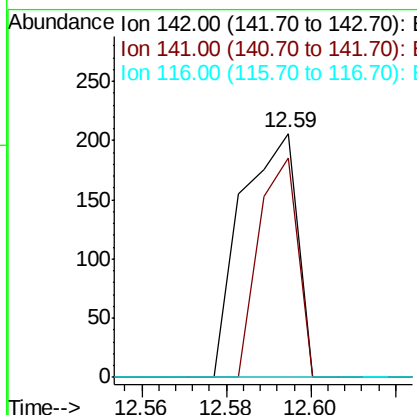
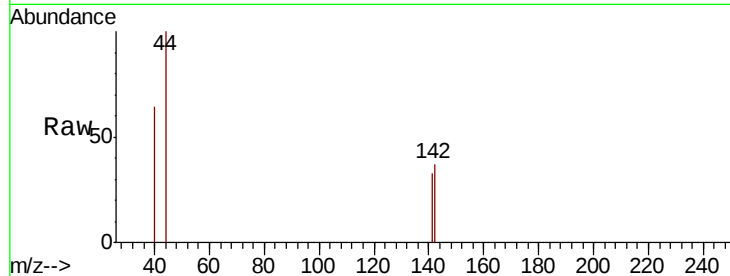




#38
 1-Methylnaphthalene
 Concen: 0.019 ng
 RT: 12.59 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BG044410.D
 Acq: 12 Feb 2020 15:51

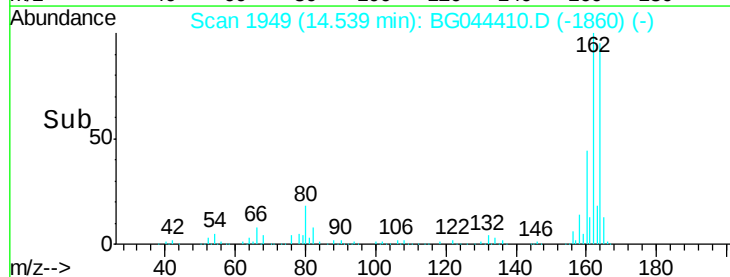
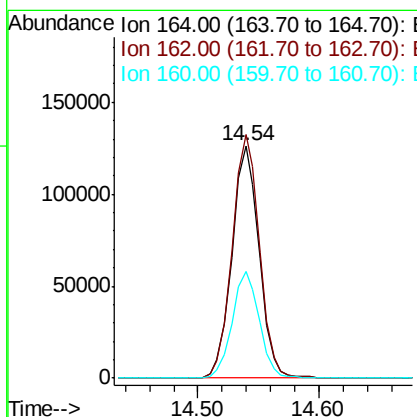
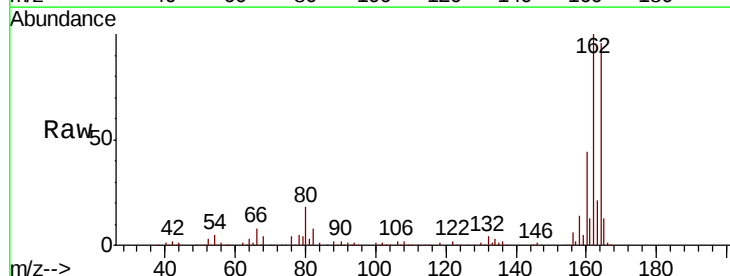
Instrument :
 BNA_G
 ClientSampled :

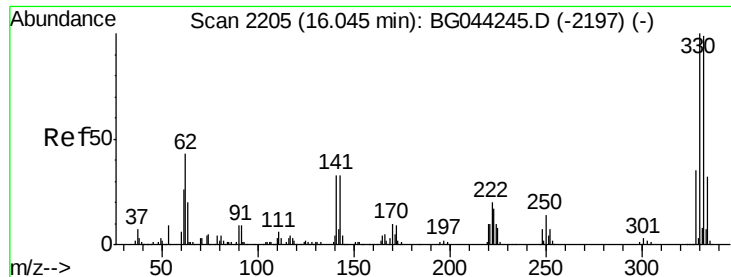
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	75.8	113.6
116	0.0	3.1	4.7#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BG044410.D
 Acq: 12 Feb 2020 15:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.7	121.1
160	46.1	35.3	52.9

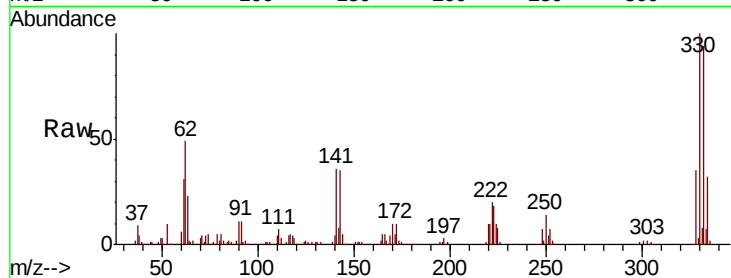




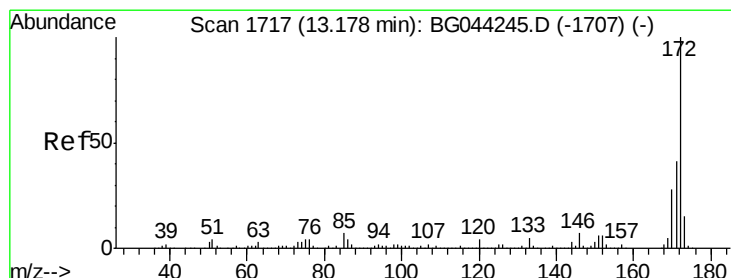
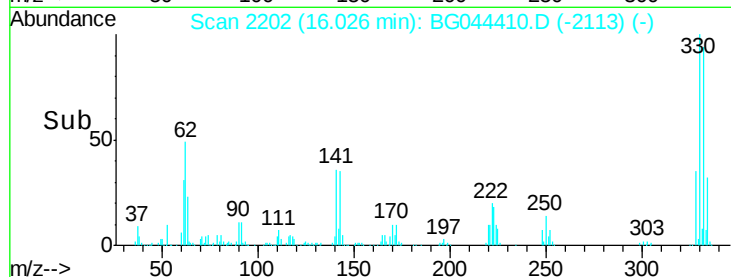
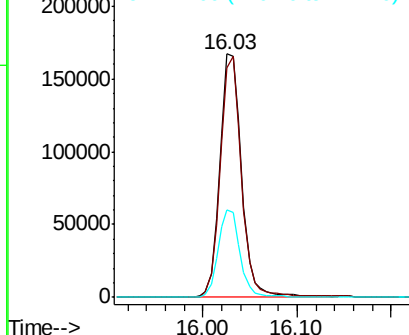
#42
 2,4,6-Tribromophenol
 Concen: 116.796 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BG044410.D
 Acq: 12 Feb 2020 15:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	36.3	28.3	42.5

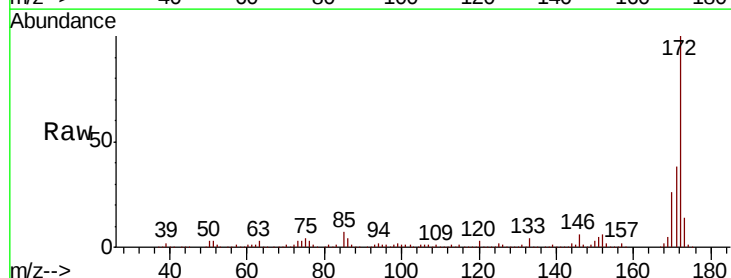


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

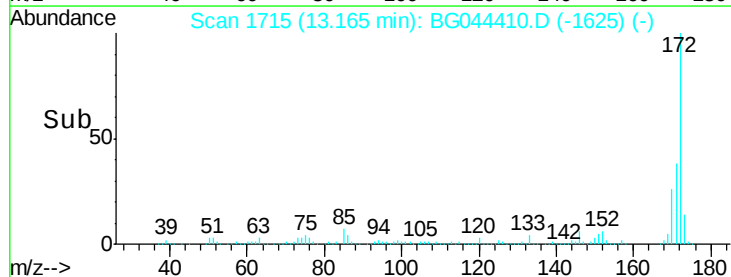
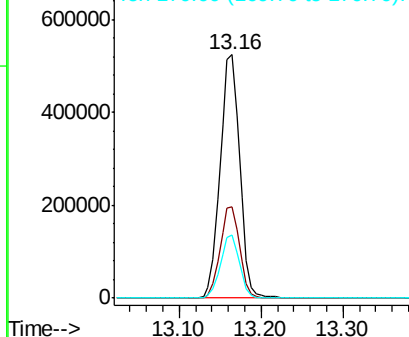


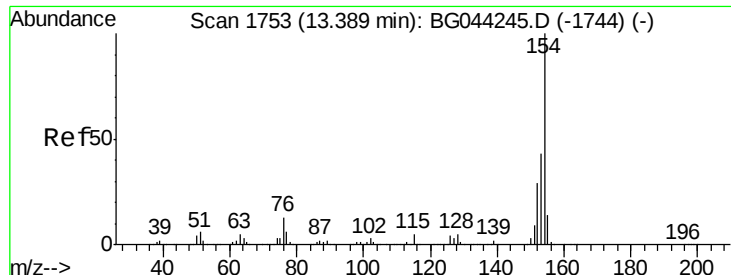
#45
 2-Fluorobiphenyl
 Concen: 74.047 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044410.D
 Acq: 12 Feb 2020 15:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.9	49.3
170	25.8	22.0	33.0



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

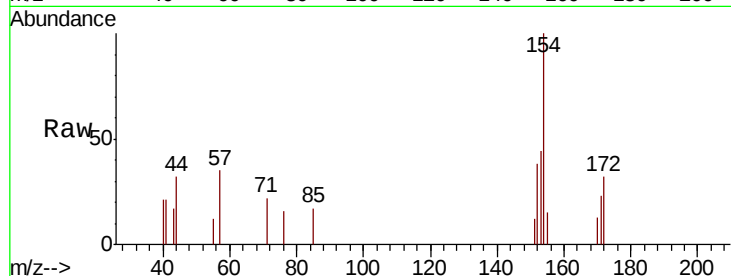




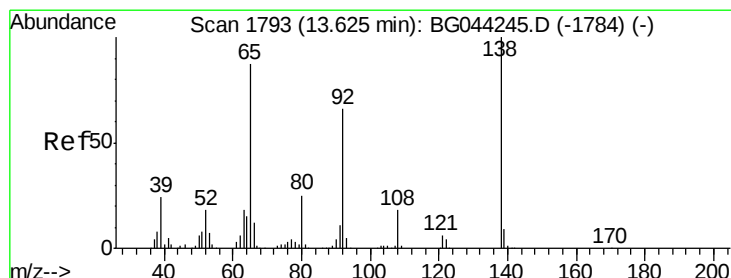
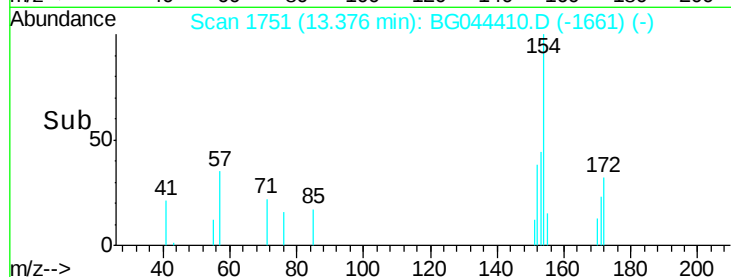
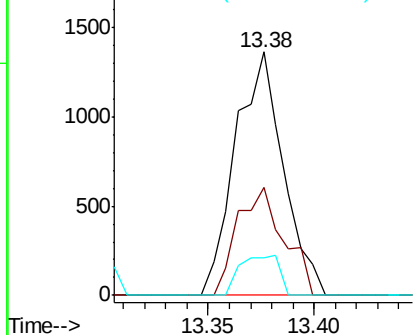
#46
 1,1'-Biphenyl
 Concen: 0.150 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BG044410.D
 Acq: 12 Feb 2020 15:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 2147
 Ion Ratio Lower Upper
 154 100
 153 44.5 22.7 62.7
 76 15.6 0.0 32.9

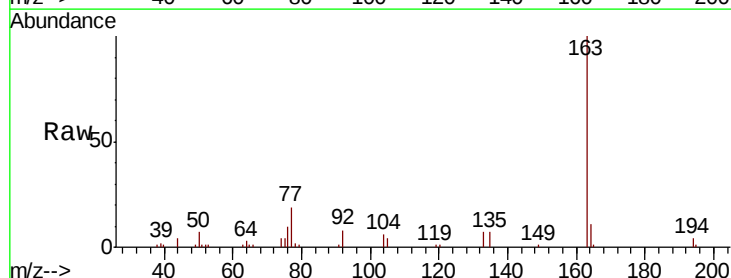


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

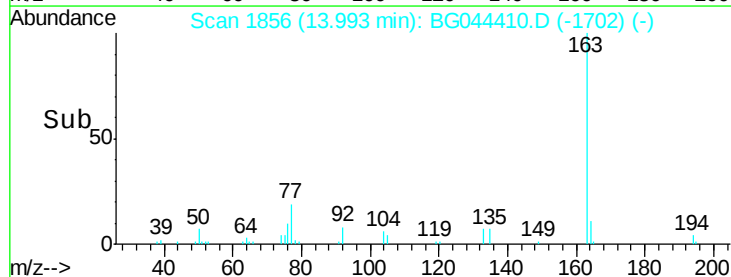
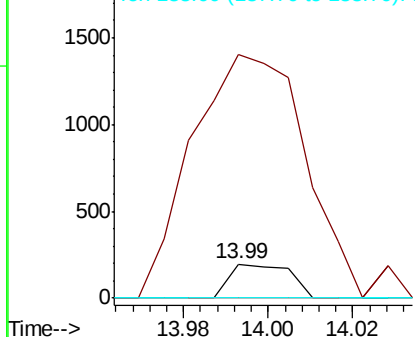


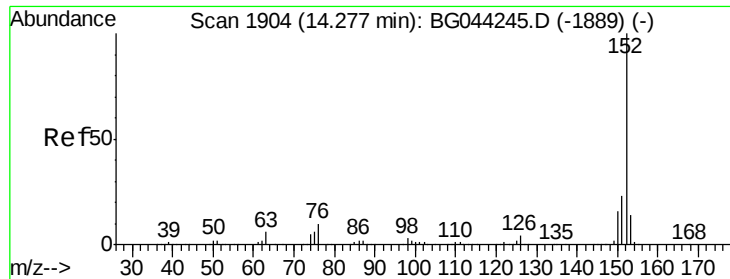
#48
 2-Nitroaniline
 Concen: 0.058 ng
 RT: 13.99 min Scan# 1856
 Delta R.T. 0.38 min
 Lab File: BG044410.D
 Acq: 12 Feb 2020 15:51

Tgt Ion: 65 Resp: 193
 Ion Ratio Lower Upper
 65 100
 92 712.2 60.3 90.5#
 138 0.0 91.9 137.9#



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





#49

Acenaphthylene

Concen: 0.066 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.34 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampleId :

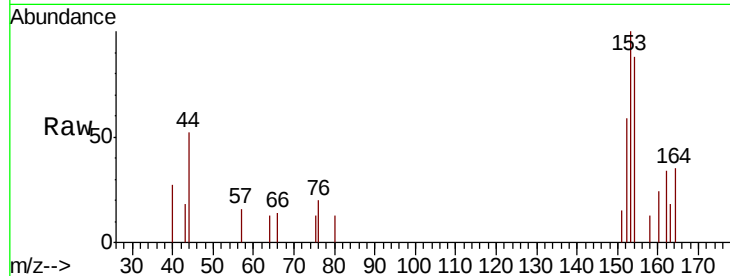
Tot Ion:152 Resp: 1095

Ion Ratio Lower Upper

152 100

151 26.1 18.1 27.1

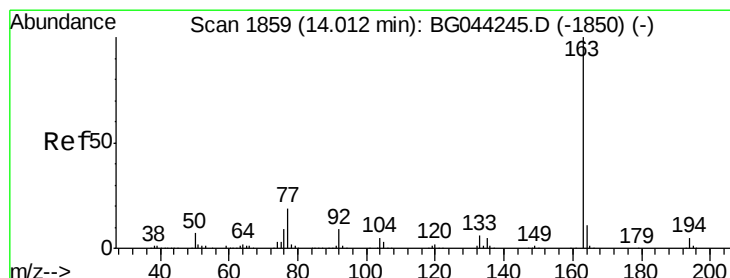
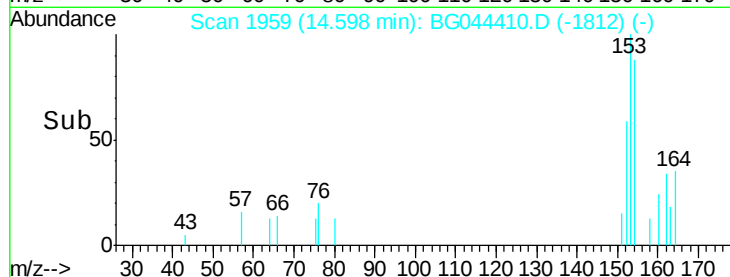
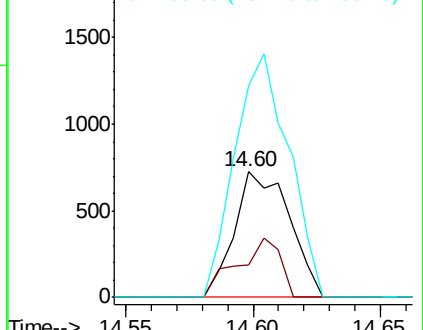
153 169.1 11.5 17.3#



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: 2.341 ng

RT: 13.99 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

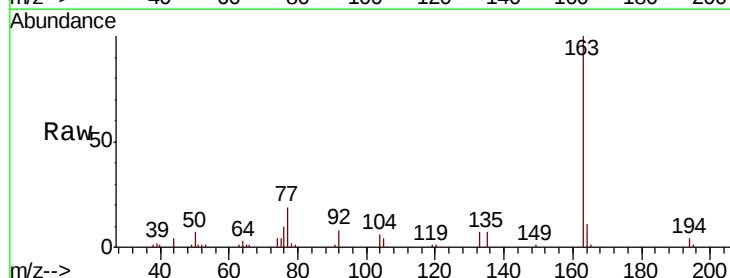
Tgt Ion:163 Resp: 33317

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

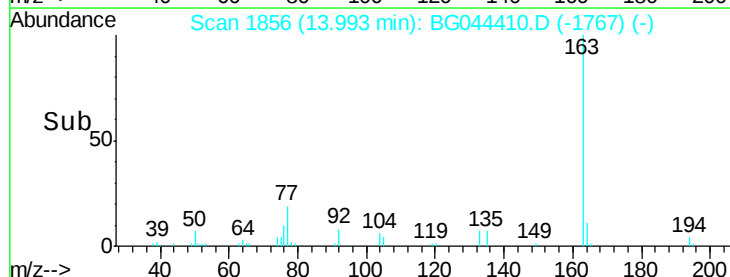
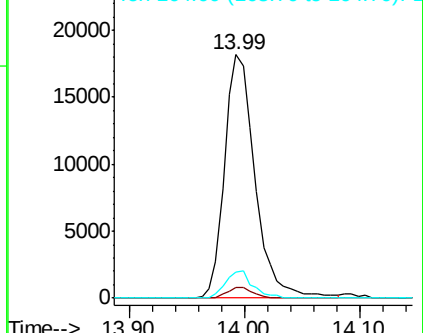
164 10.5 8.7 13.1

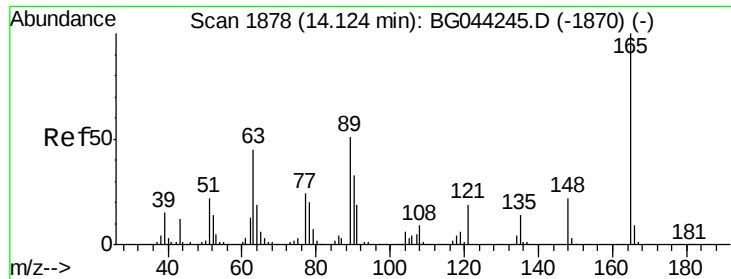


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.224 ng

RT: 14.54 min Scan# 1949

Delta R.T. 0.42 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampleId :

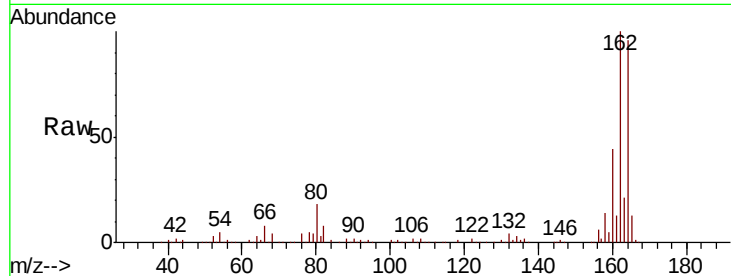
Tot Ion:165 Resp: 26096

Ion Ratio Lower Upper

165 100

63 0.9 38.7 58.1#

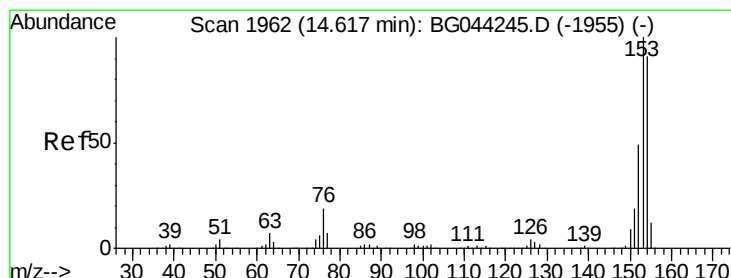
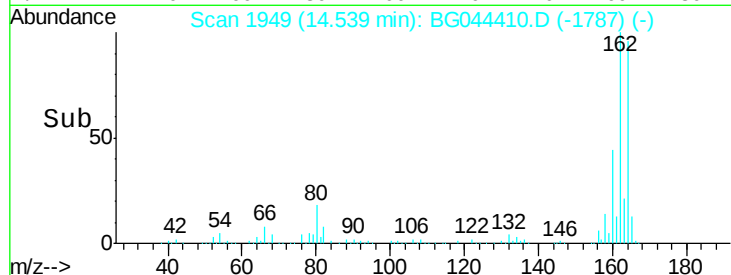
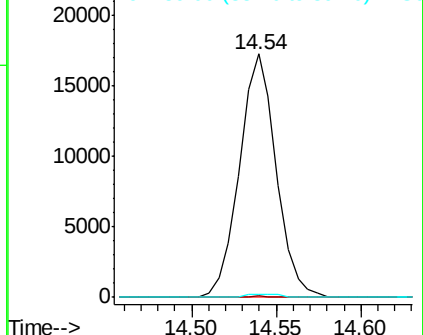
89 1.4 40.4 60.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 0.147 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

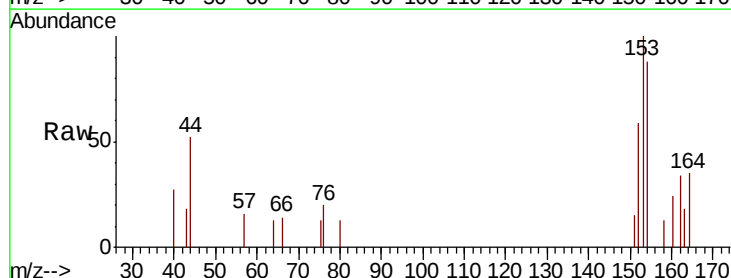
Tgt Ion:154 Resp: 1591

Ion Ratio Lower Upper

154 100

153 114.0 87.9 131.9

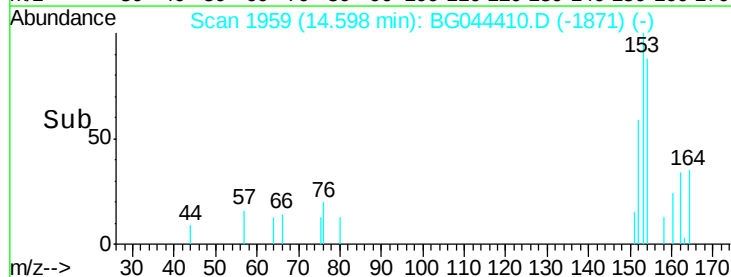
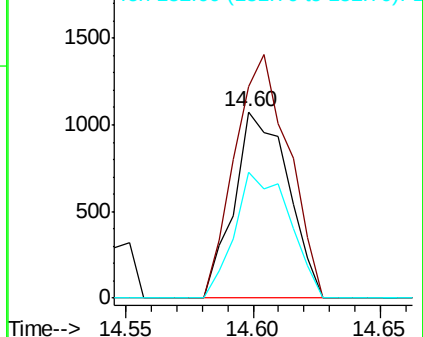
152 67.4 43.1 64.7#

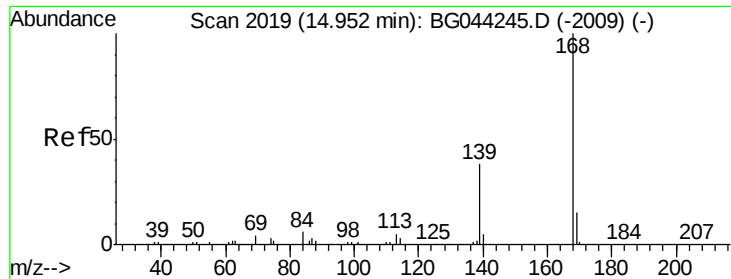


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

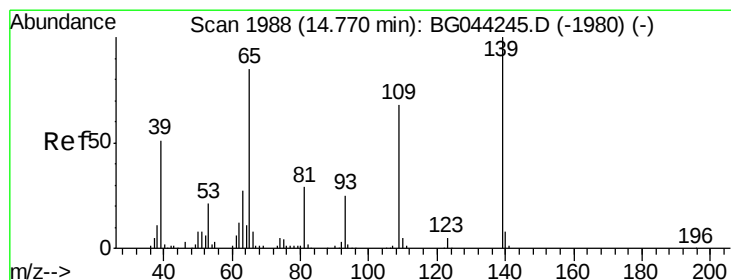
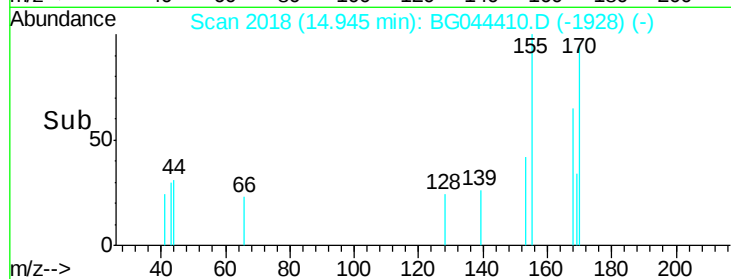
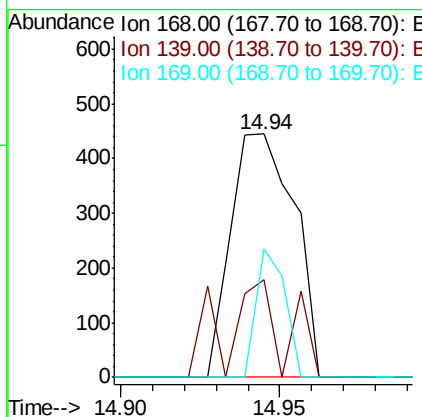
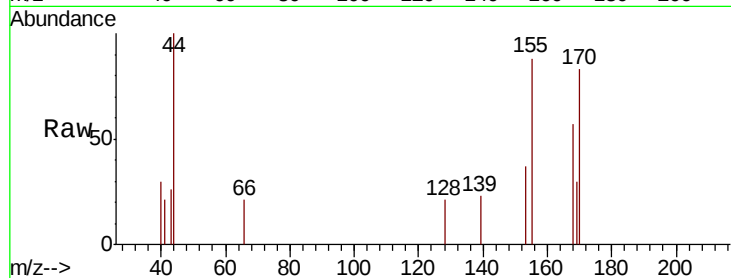




#55
Dibenzenofuran
Concen: 0.038 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

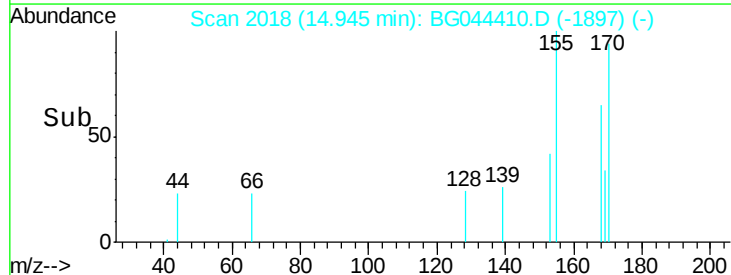
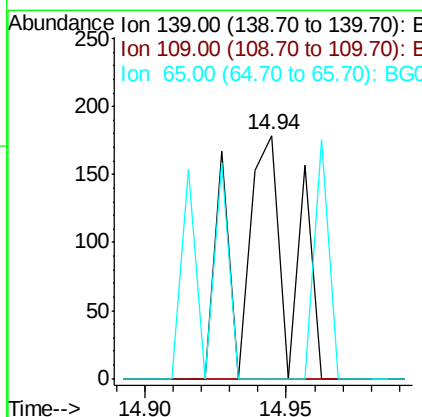
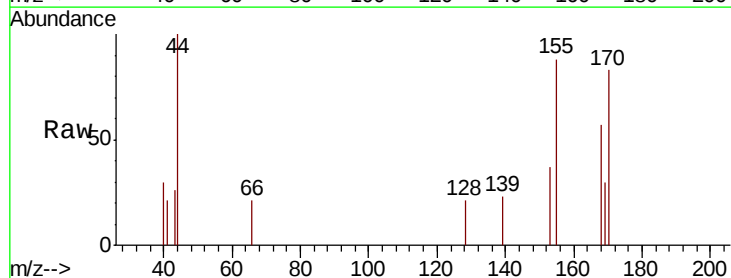
Instrument :
BNA_G
ClientSampleId :

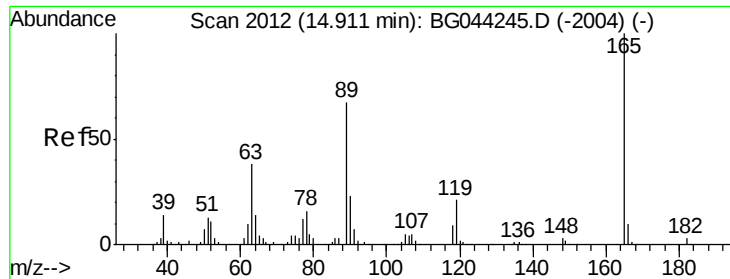
Tot Ion:168 Resp: 618
Ion Ratio Lower Upper
168 100
139 40.2 30.5 45.7
169 52.8 11.7 17.5#



#56
4-Nitrophenol
Concen: 0.090 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.18 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Tgt Ion:139 Resp: 231
Ion Ratio Lower Upper
139 100
109 0.0 47.5 87.5#
65 0.0 64.9 104.9#

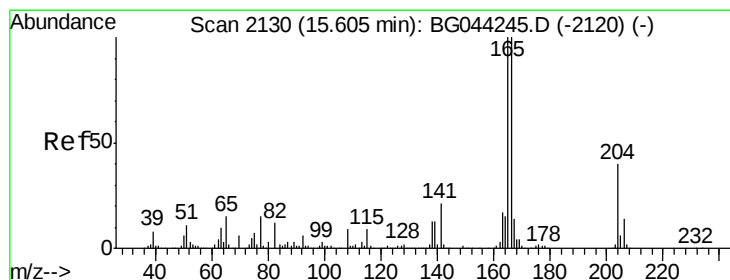
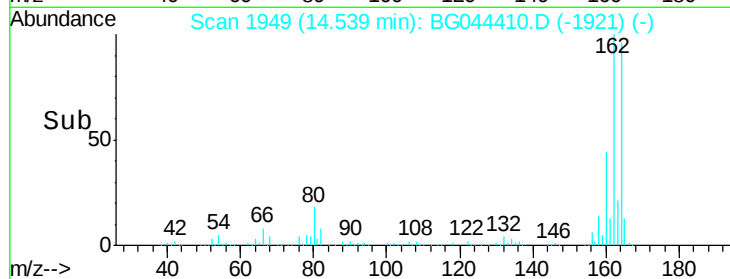
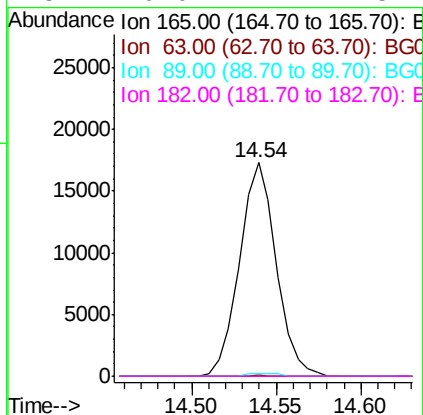
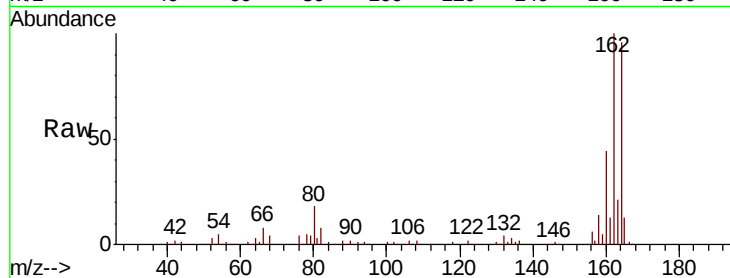




#57
2,4-Dinitrotoluene
Concen: 5.868 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.36 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

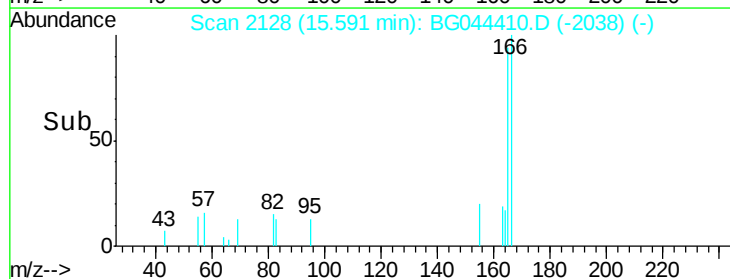
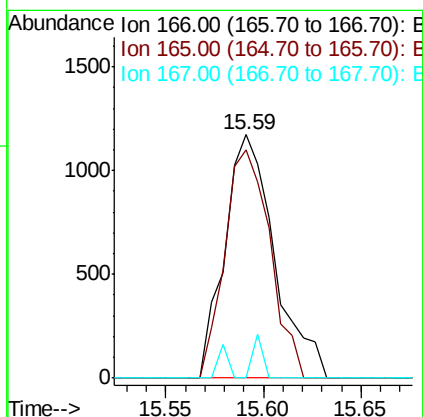
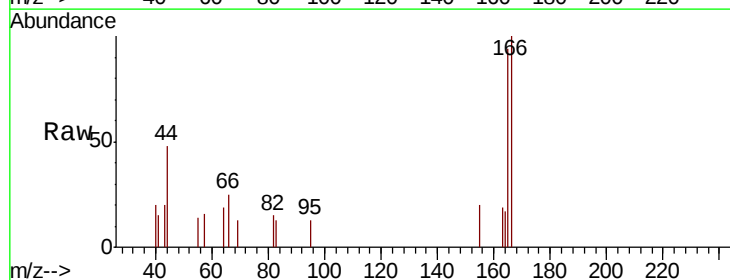
Instrument :
BNA_G
ClientSampled :

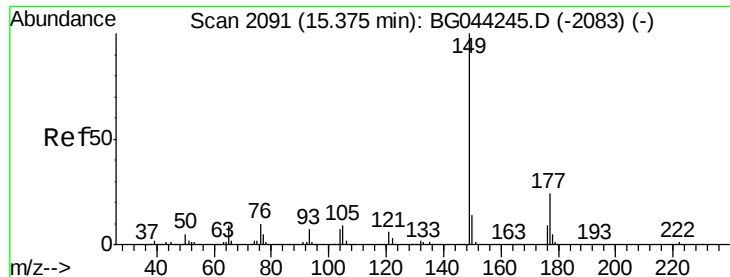
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	30.3	45.5#
89	1.4	53.4	80.2#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: 0.161 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	79.9	119.9
167	0.0	11.4	17.0#





#60

Diethylphthalate

Concen: 0.008 ng

RT: 15.36 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampled :

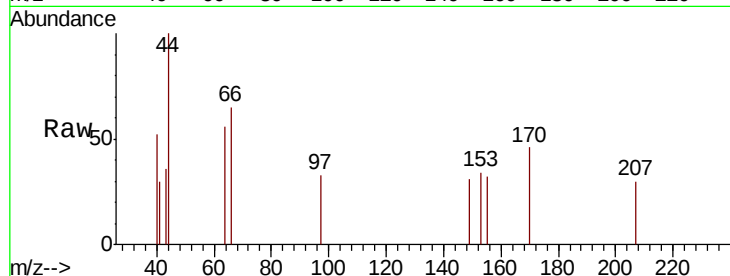
Tot Ion:149 Resp: 111

Ion Ratio Lower Upper

149 100

177 0.0 19.4 29.0#

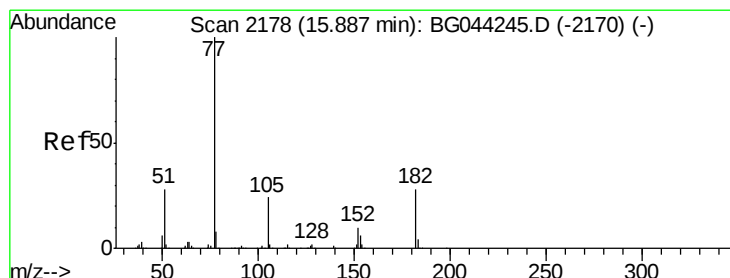
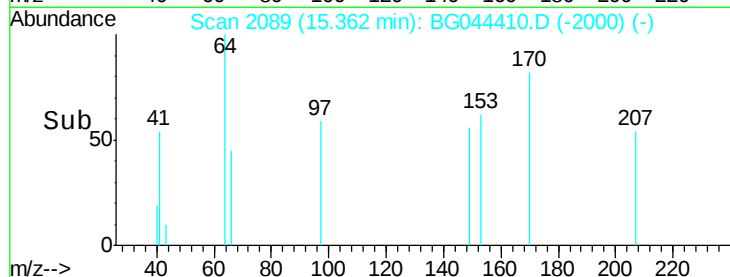
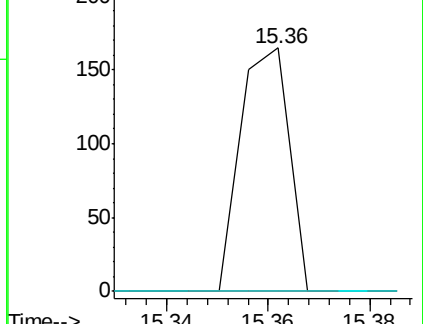
150 0.0 10.9 16.3#



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



#63

Azobenzene

Concen: 0.121 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.15 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Tgt Ion: 77 Resp: 1499

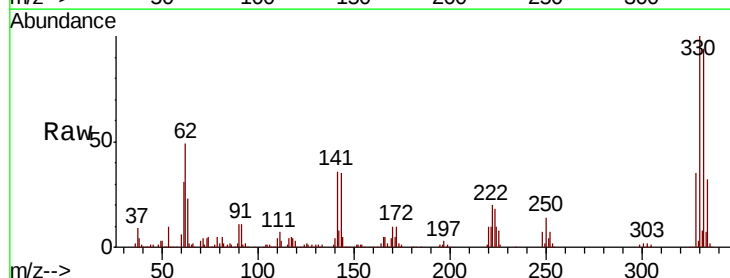
Ion Ratio Lower Upper

77 100

182 23.2 8.2 48.2

105 73.7 3.6 43.6#

51 49.5 8.3 48.3#

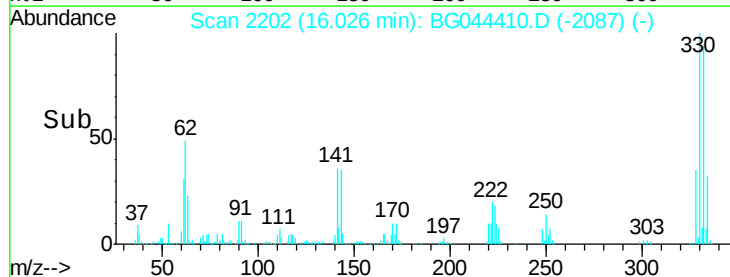
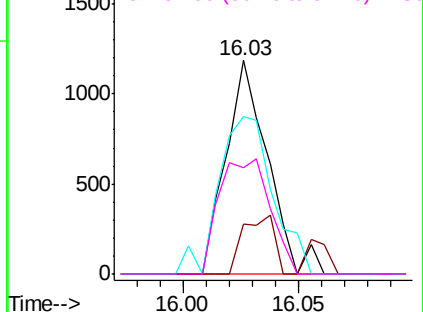


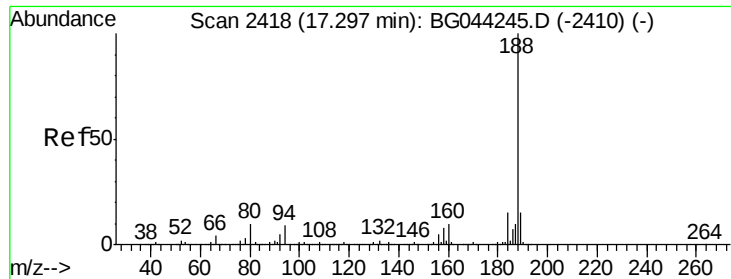
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampleId :

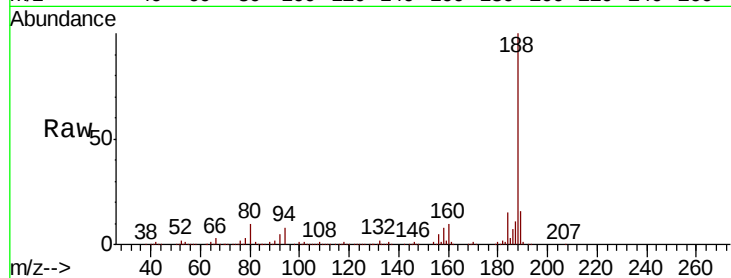
Tot Ion:188 Resp: 472906

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

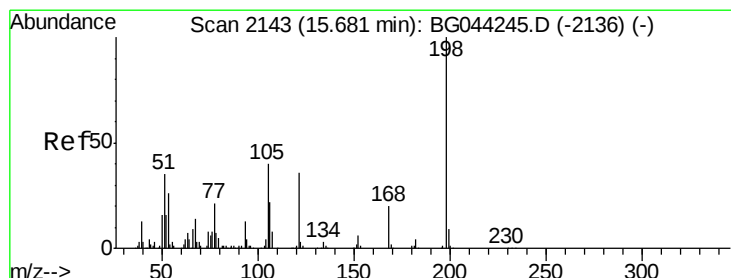
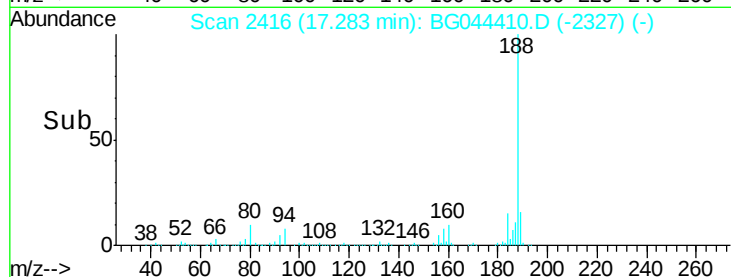
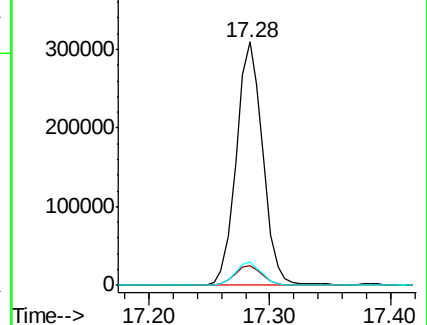
80 9.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 0.266 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.35 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

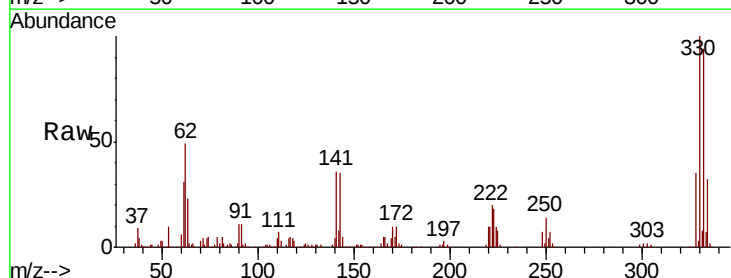
Tgt Ion:198 Resp: 695

Ion Ratio Lower Upper

198 100

51 86.8 16.6 56.6#

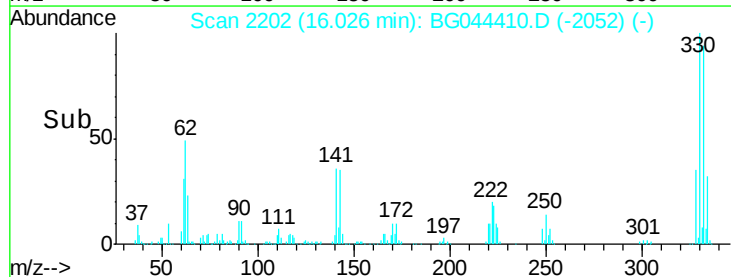
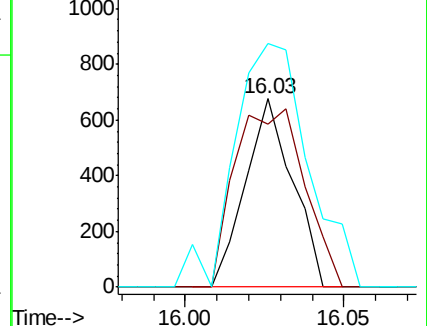
105 129.3 20.6 60.6#

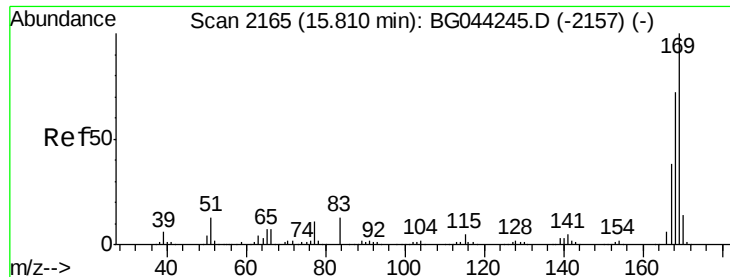


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

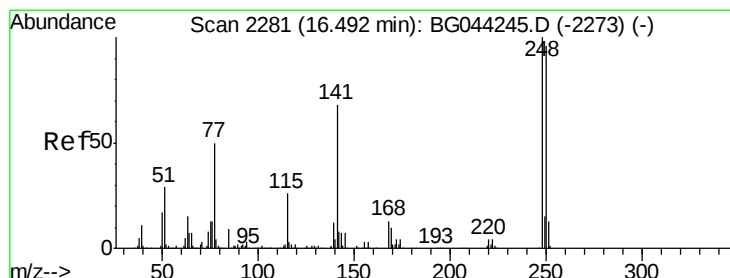
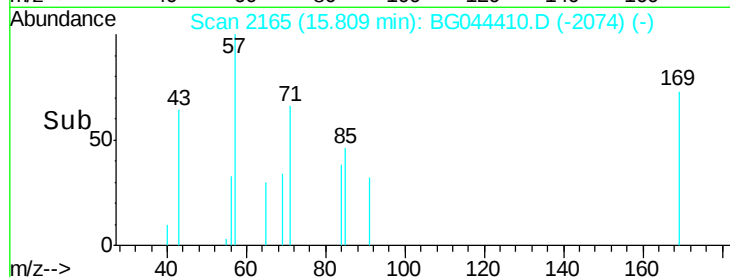
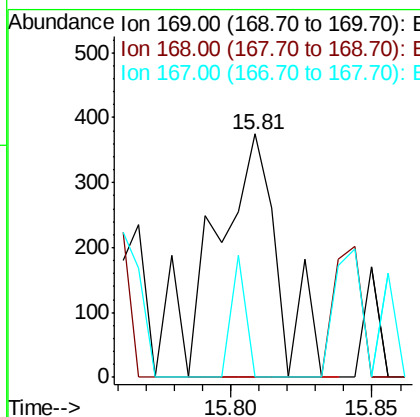
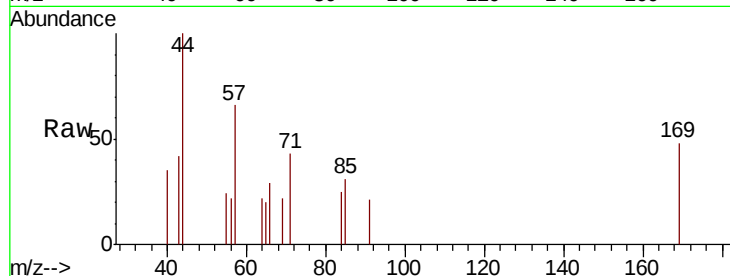




#66
 n-Nitrosodiphenylamine
 Concen: 0.041 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.01 min
 Lab File: BG044410.D
 Acq: 12 Feb 2020 15:51

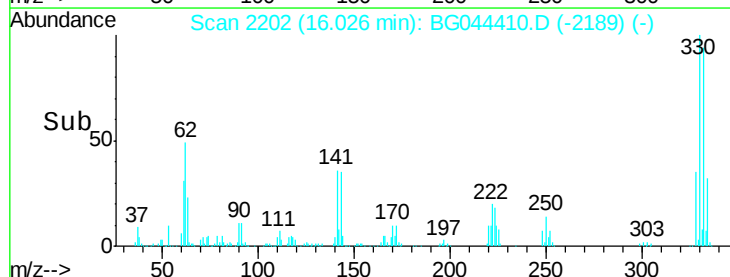
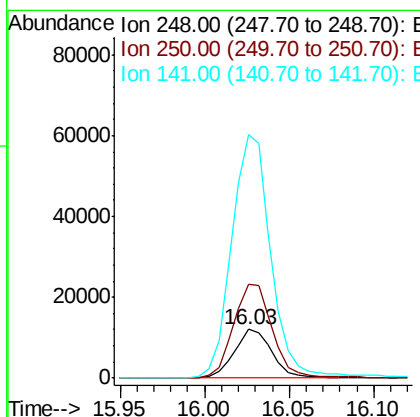
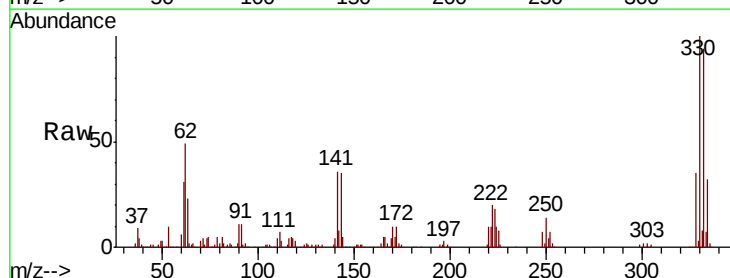
Instrument :
 BNA_G
 ClientSampleId :

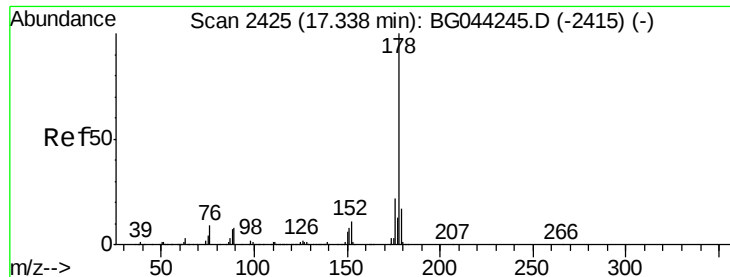
Tot Ion:169 Resp: 540
 Ion Ratio Lower Upper
 169 100
 168 0.0 57.9 86.9#
 167 0.0 30.7 46.1#



#67
 4-Bromophenyl-phenylether
 Concen: 3.617 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.45 min
 Lab File: BG044410.D
 Acq: 12 Feb 2020 15:51

Tgt Ion:248 Resp: 18634
 Ion Ratio Lower Upper
 248 100
 250 192.8 76.6 114.8#
 141 501.0 54.7 82.1#

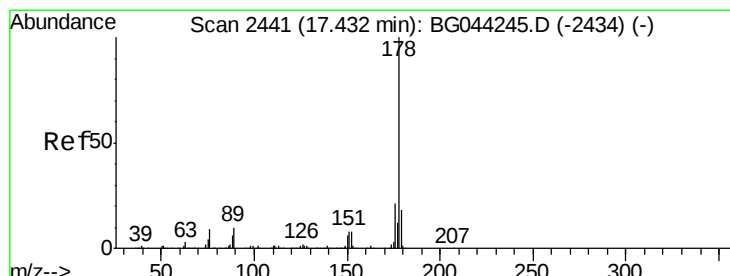
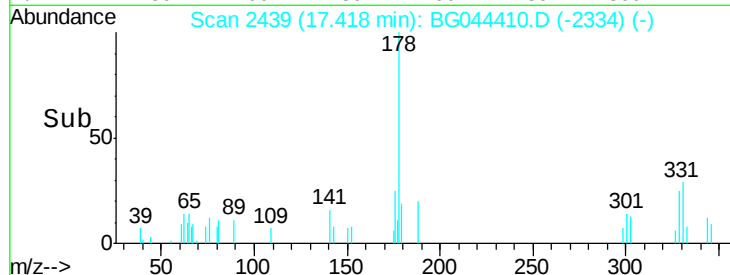
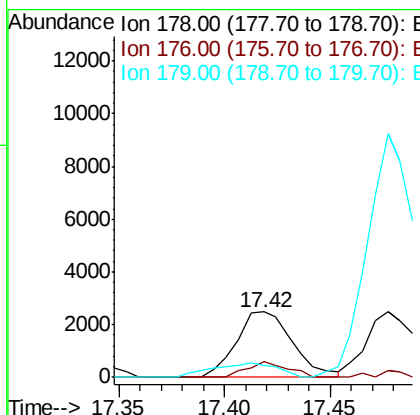
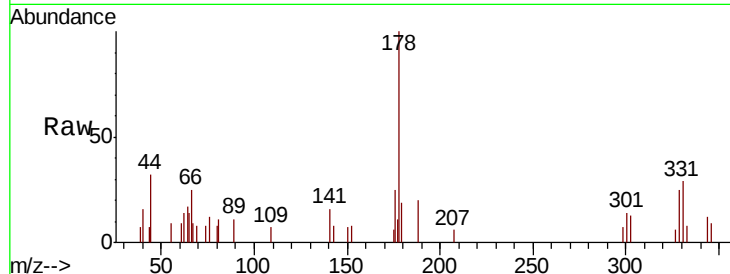




#71
Phenanthrene
Concen: 0.200 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.09 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

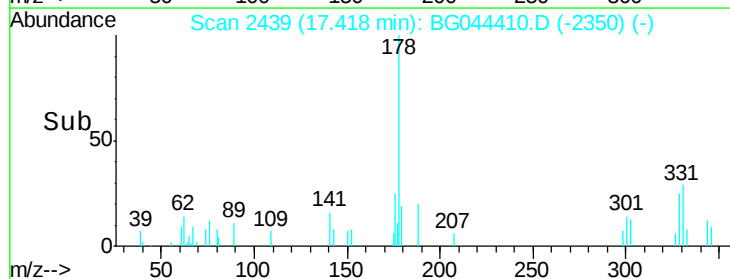
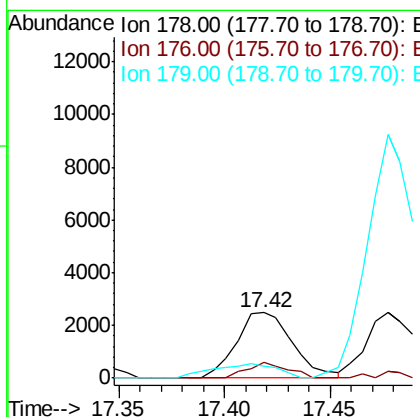
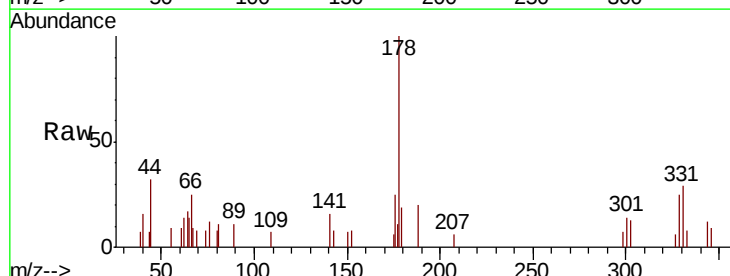
Instrument :
BNA_G
ClientSampleId :

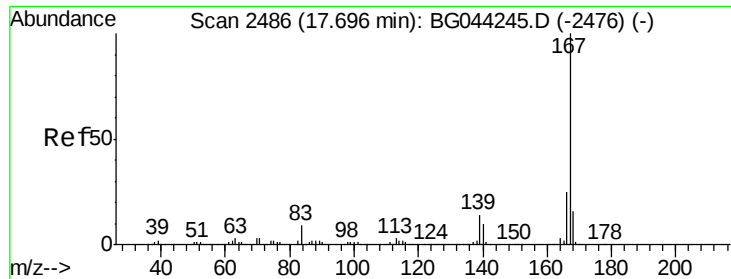
Tot Ion:178 Resp: 4578
Ion Ratio Lower Upper
178 100
176 24.5 17.7 26.5
179 19.3 13.7 20.5



#72
Anthracene
Concen: 0.202 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Tgt Ion:178 Resp: 4578
Ion Ratio Lower Upper
178 100
176 24.5 17.0 25.4
179 19.3 14.4 21.6





#73

Carbazole

Concen: 0.228 ng

RT: 17.69 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampleId :

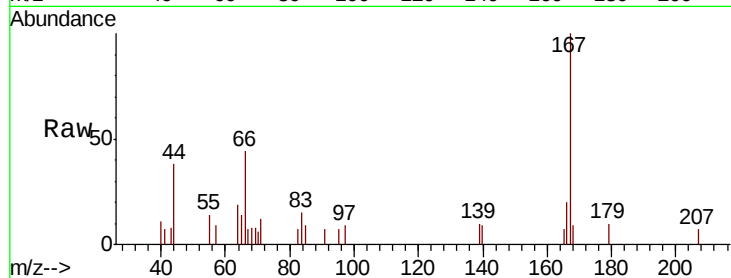
Tot Ion:167 Resp: 4755

Ion Ratio Lower Upper

167 100

166 20.1 19.8 29.6

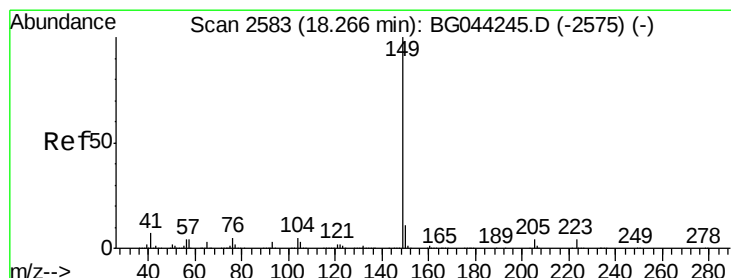
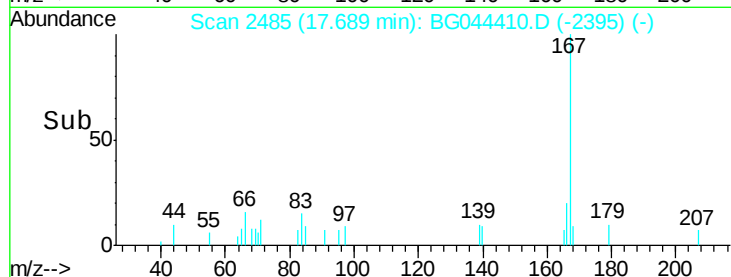
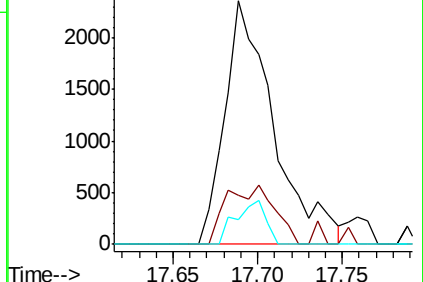
139 10.2 11.1 16.7#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.028 ng

RT: 18.25 min Scan# 2581

Delta R.T. -0.01 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

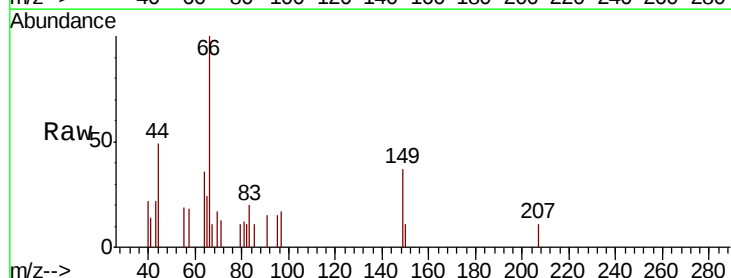
Tgt Ion:149 Resp: 726

Ion Ratio Lower Upper

149 100

150 28.7 8.7 13.1#

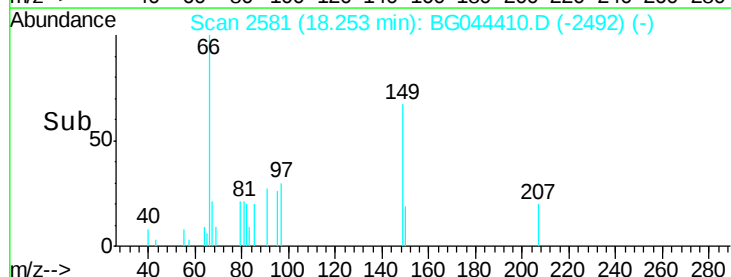
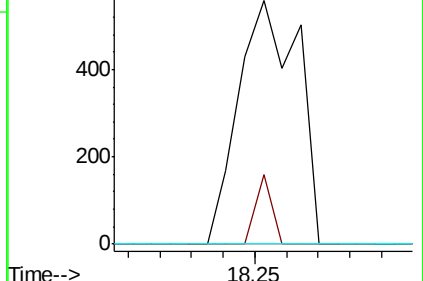
104 0.0 4.3 6.5#

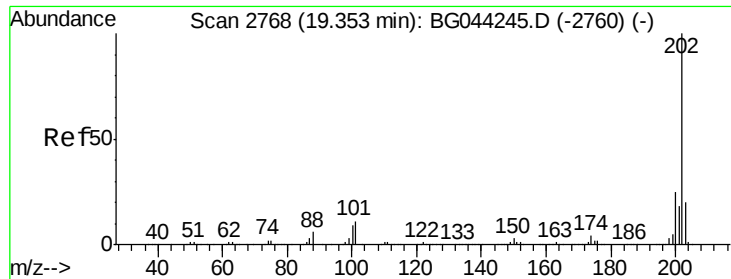


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.408 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampleId :

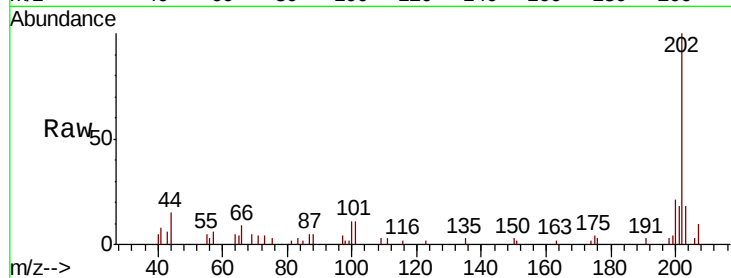
Tot Ion:202 Resp: 10805

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.3

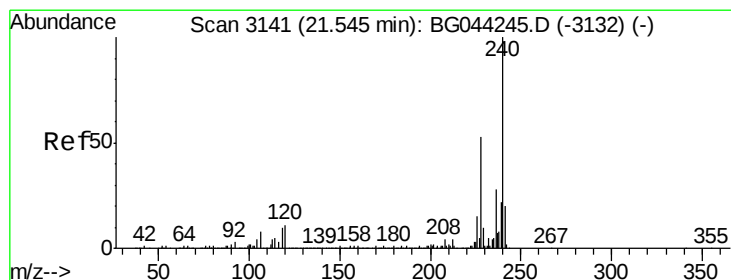
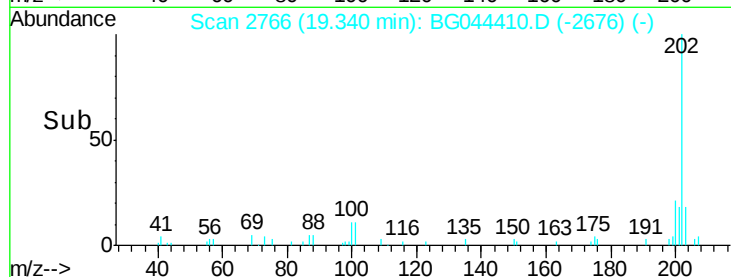
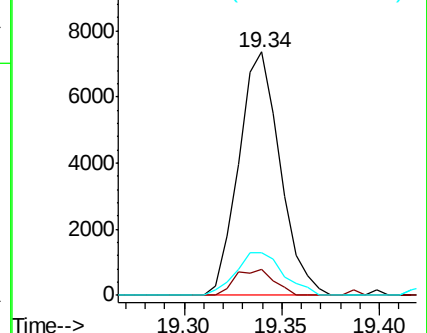
203 17.6 0.0 39.9



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: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

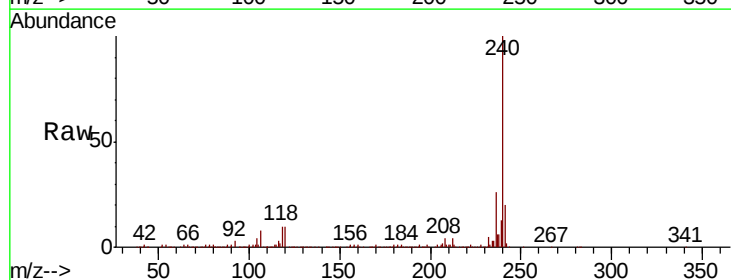
Tgt Ion:240 Resp: 447958

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

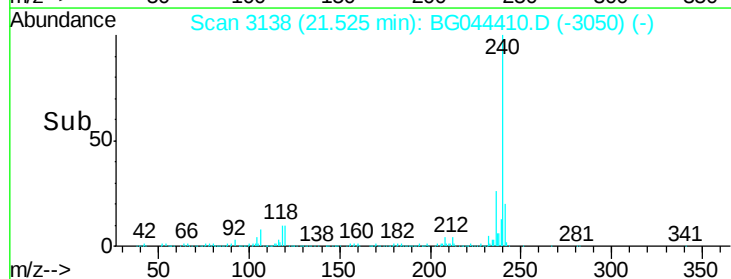
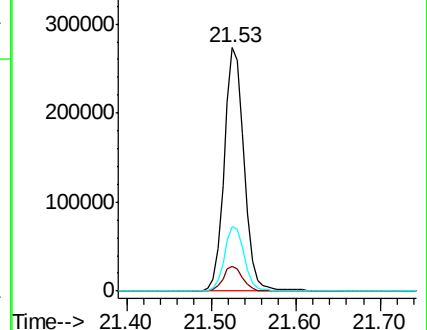
236 26.3 22.1 33.1

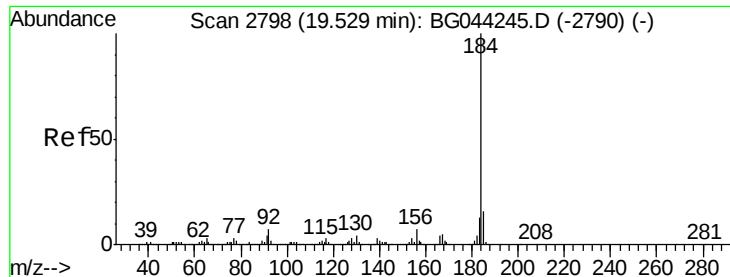


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.686 ng

RT: 19.90 min Scan# 2861

Delta R.T. 0.38 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampleId :

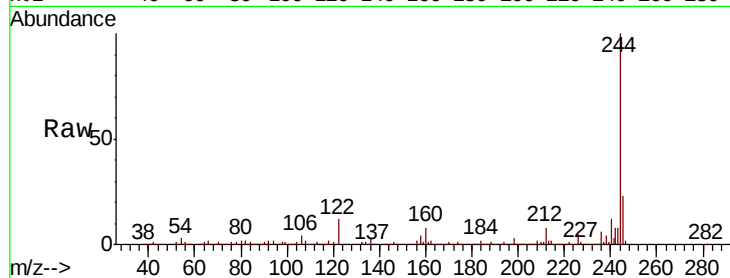
Tot Ion:184 Resp: 20954

Ion Ratio Lower Upper

184 100

185 16.3 12.9 19.3

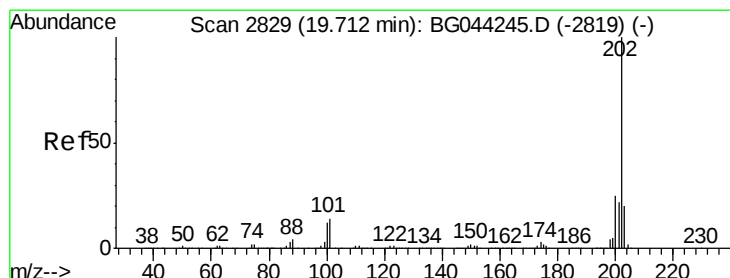
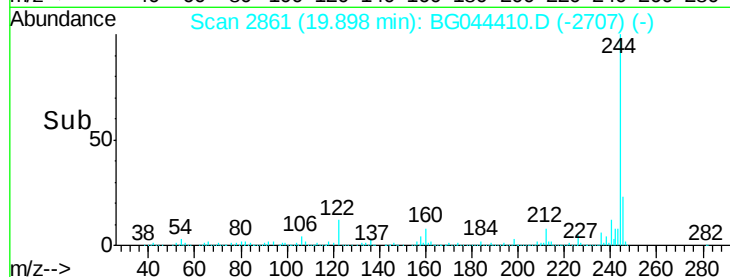
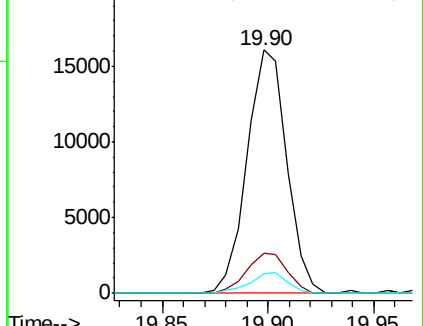
183 7.8 10.8 16.2#



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: 0.376 ng

RT: 19.34 min Scan# 2766

Delta R.T. -0.36 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

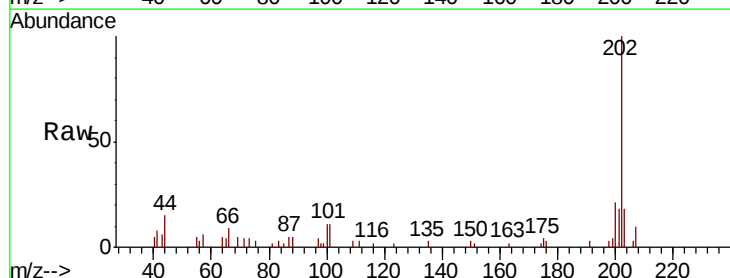
Tgt Ion:202 Resp: 10805

Ion Ratio Lower Upper

202 100

200 21.1 20.0 30.0

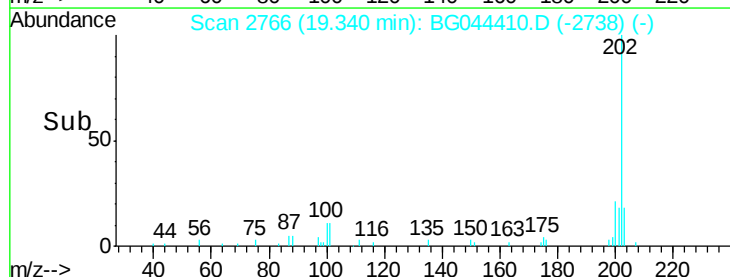
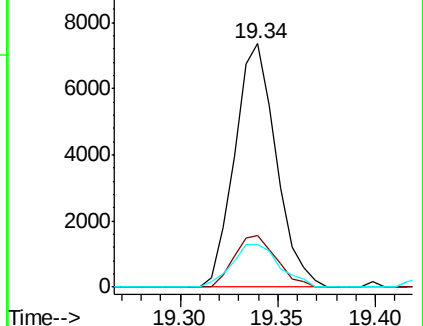
203 17.6 16.2 24.2

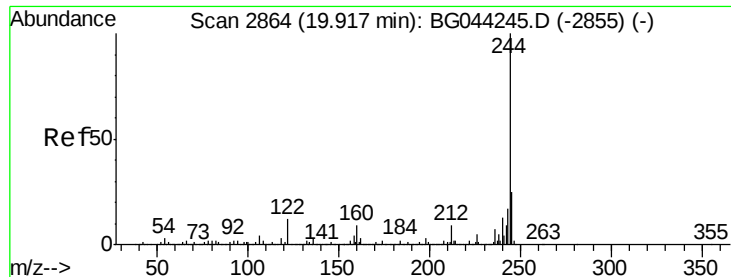


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.456 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampled :

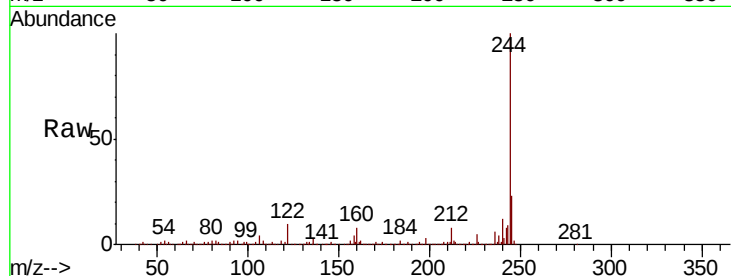
Tot Ion:244 Resp: 1381973

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

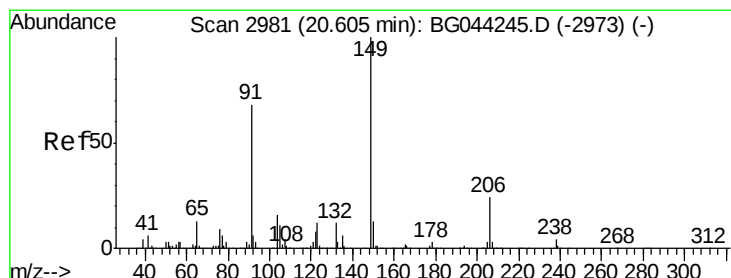
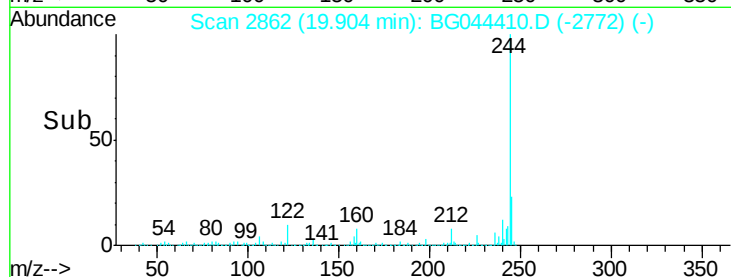
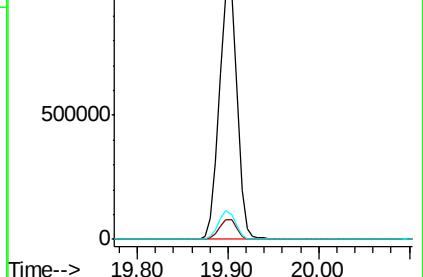
122 10.4 9.8 14.6



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: 0.051 ng

RT: 20.59 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

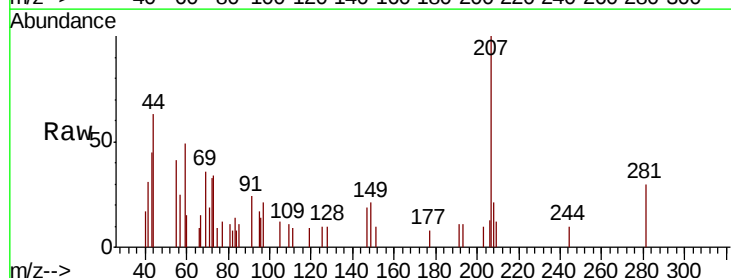
Tgt Ion:149 Resp: 672

Ion Ratio Lower Upper

149 100

91 111.9 54.5 81.7#

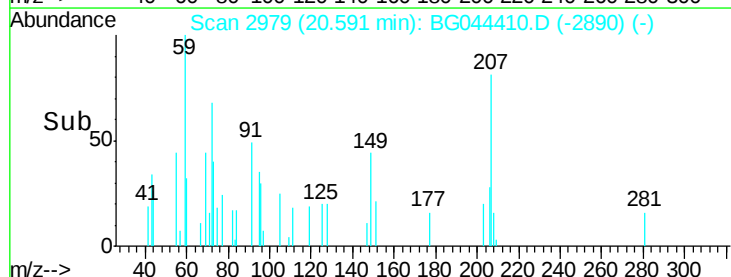
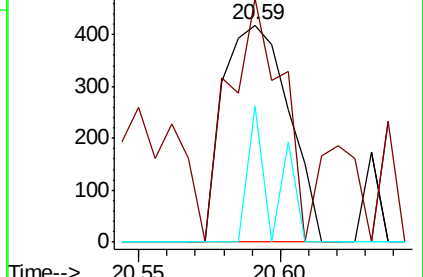
206 62.5 19.1 28.7#

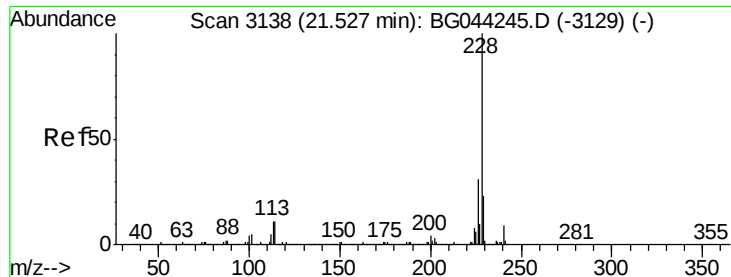


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

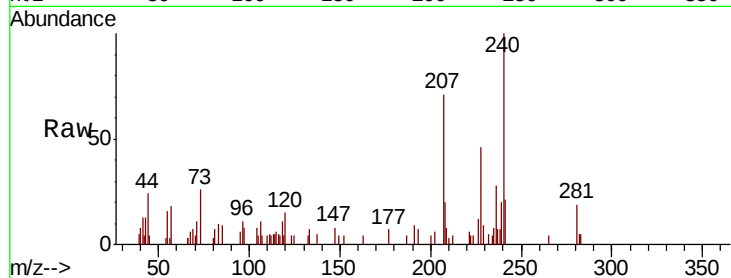




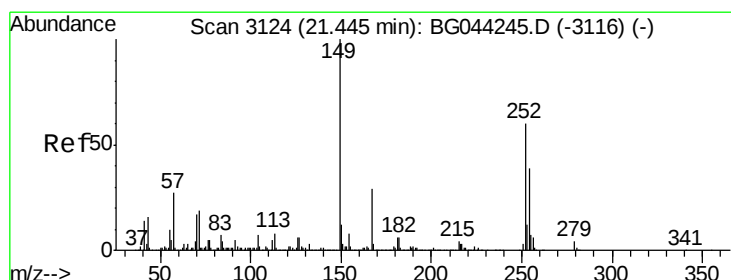
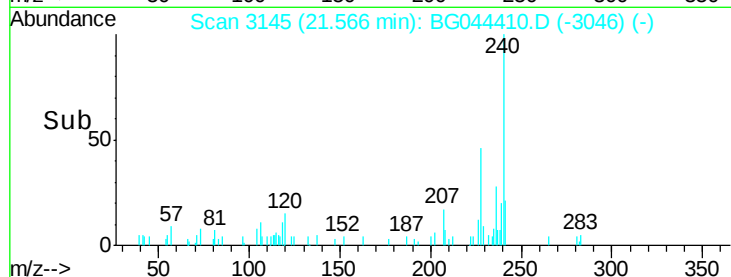
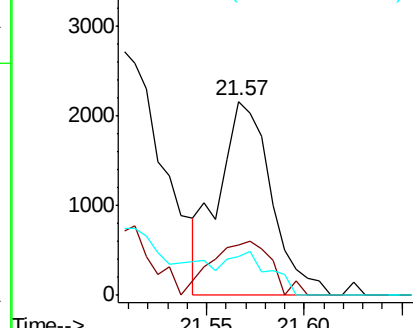
#81
Benzo(a)anthracene
Concen: 0.147 ng
RT: 21.57 min Scan# 3145
Delta R.T. 0.05 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 4058
Ion Ratio Lower Upper
228 100
226 25.8 24.7 37.1
229 19.9 18.2 27.4

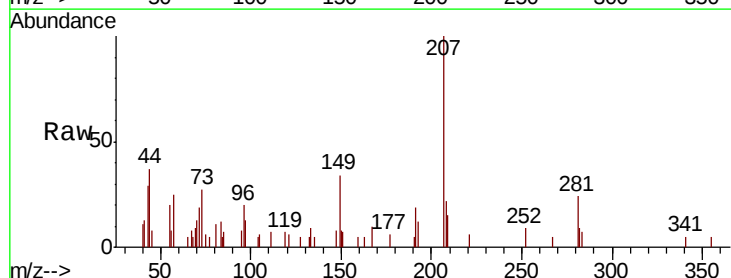


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

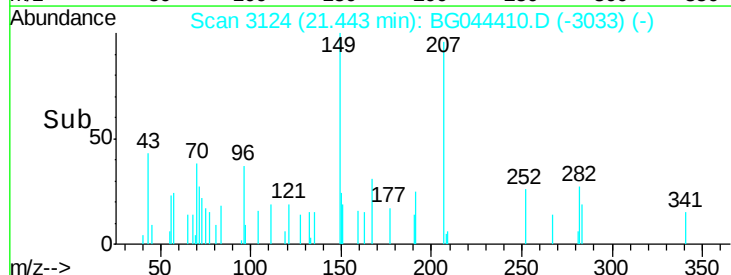
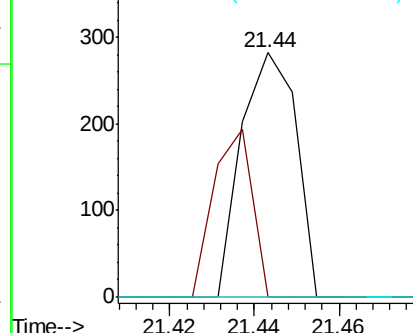


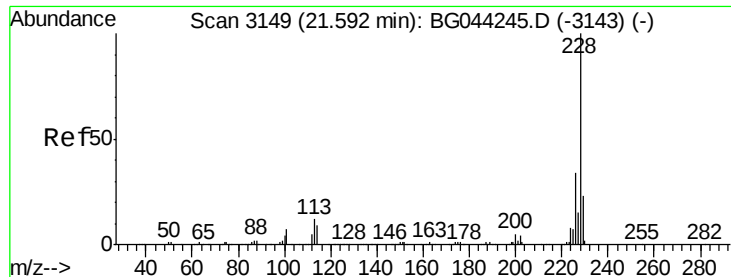
#82
3,3'-Dichlorobenzidine
Concen: 0.024 ng
RT: 21.44 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Tgt Ion:252 Resp: 254
Ion Ratio Lower Upper
252 100
254 0.0 52.6 78.8#
126 0.0 8.2 12.4#



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

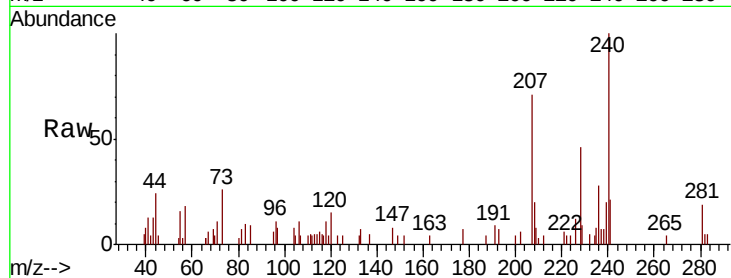




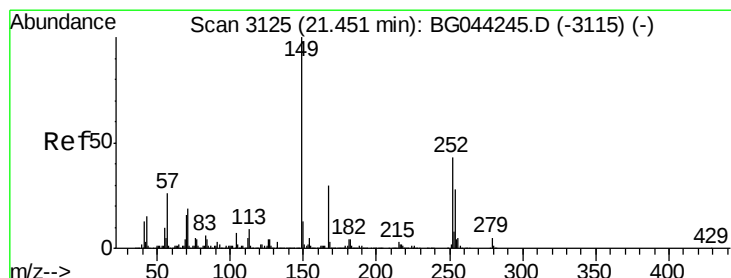
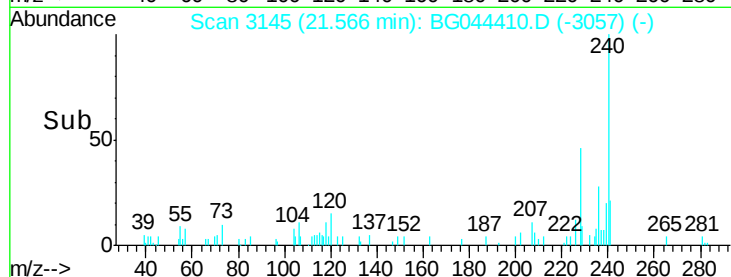
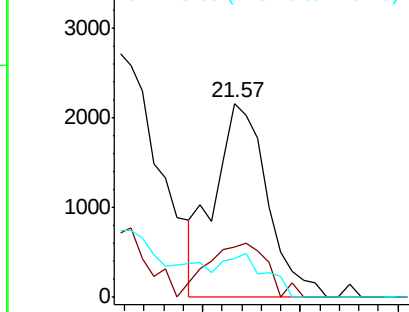
#83
Chrysene
Concen: 0.152 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 4058
Ion Ratio Lower Upper
228 100
226 25.8 27.1 40.7#
229 19.9 17.9 26.9

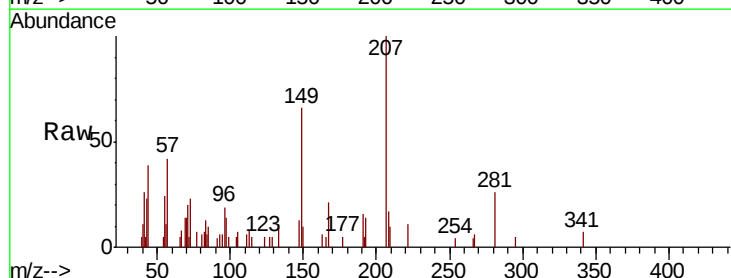


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

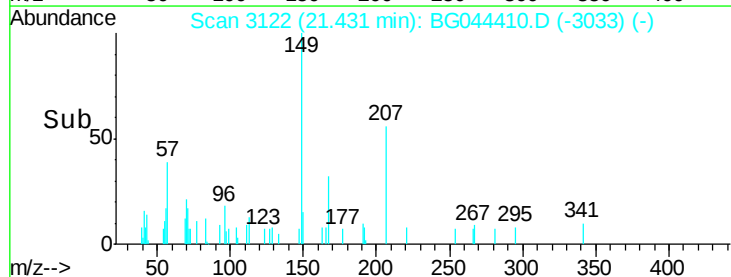
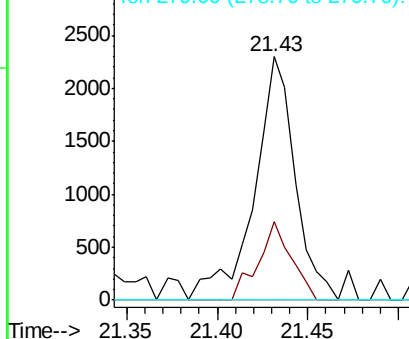


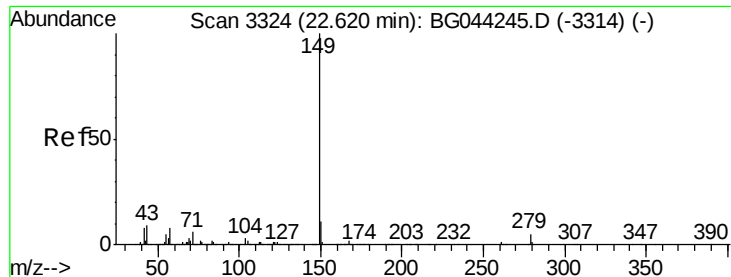
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.199 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Tgt Ion:149 Resp: 3596
Ion Ratio Lower Upper
149 100
167 32.2 24.0 36.0
279 0.0 3.8 5.8#



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





#85

Di-n-octyl phthalate

Concen: 0.197 ng

RT: 22.59 min Scan# 3319

Delta R.T. -0.02 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampleId :

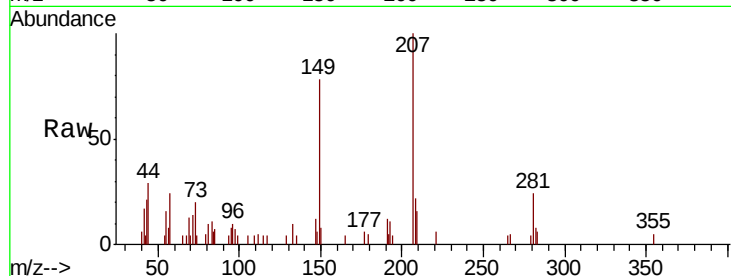
Tot Ion:149 Resp: 6136

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

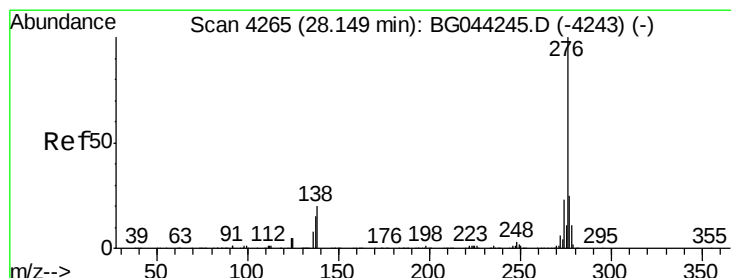
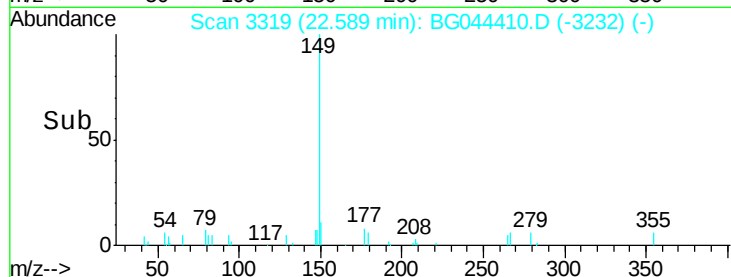
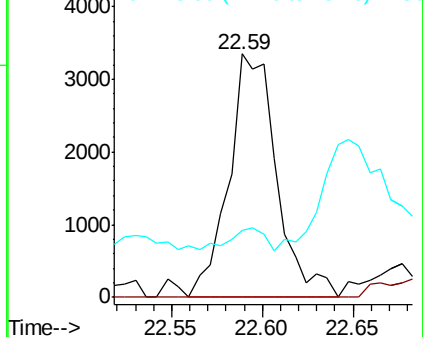
43 7.3 7.4 11.0#



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.088 ng

RT: 28.10 min Scan# 4257

Delta R.T. -0.02 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

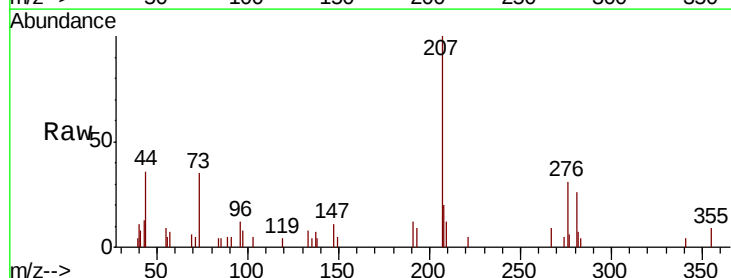
Tgt Ion:276 Resp: 3072

Ion Ratio Lower Upper

276 100

138 17.2 19.4 29.0#

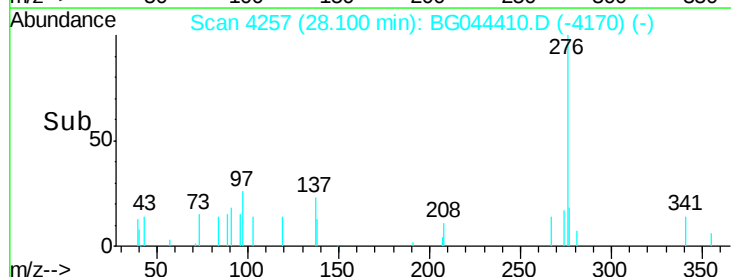
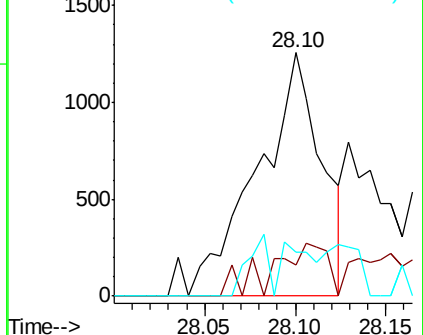
277 10.4 21.0 31.6#

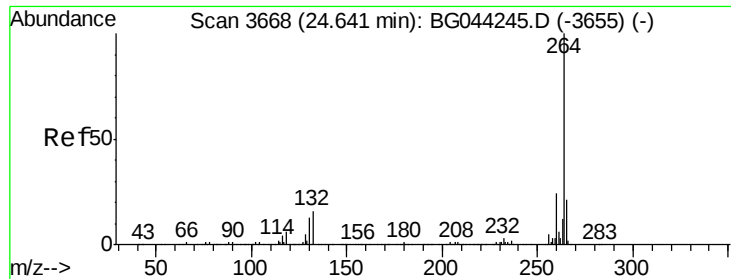


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

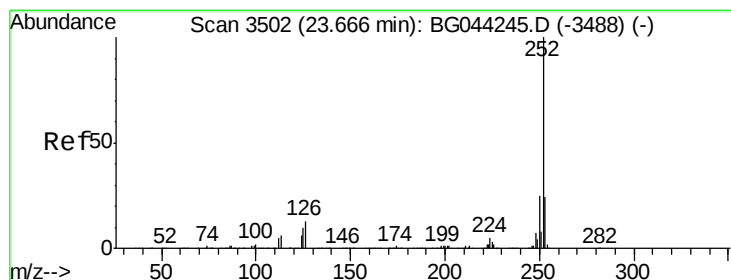
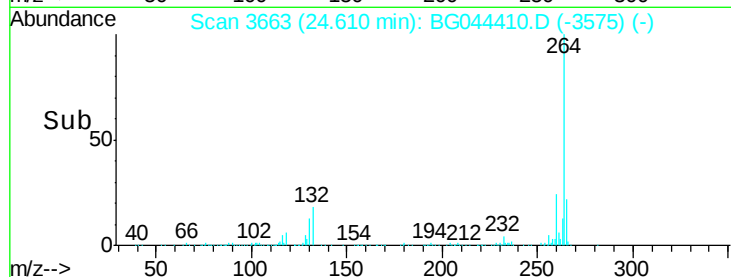
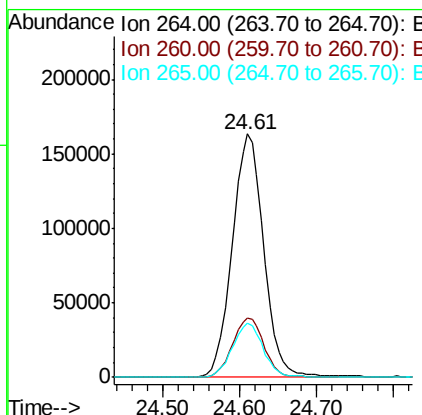
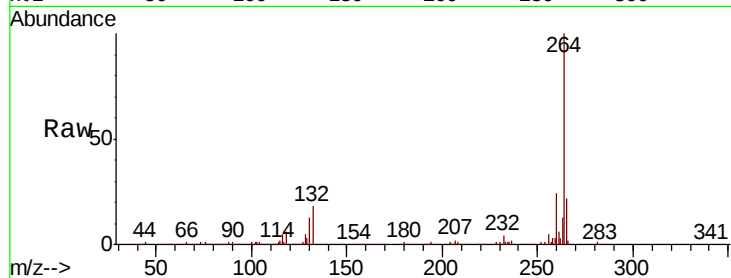




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

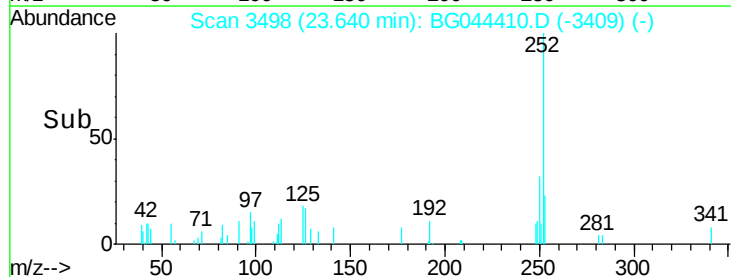
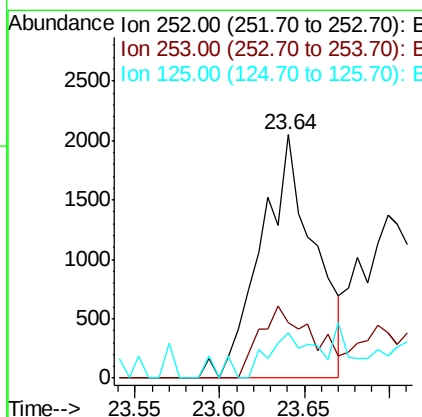
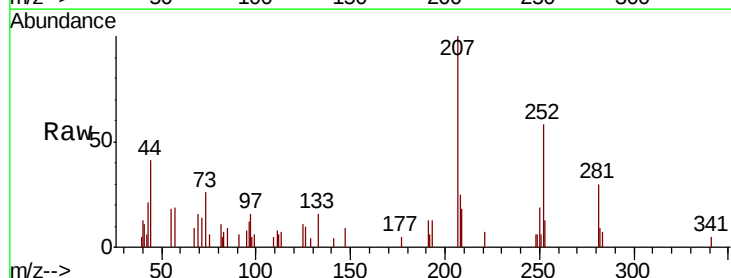
Instrument :
BNA_G
ClientSampleId :

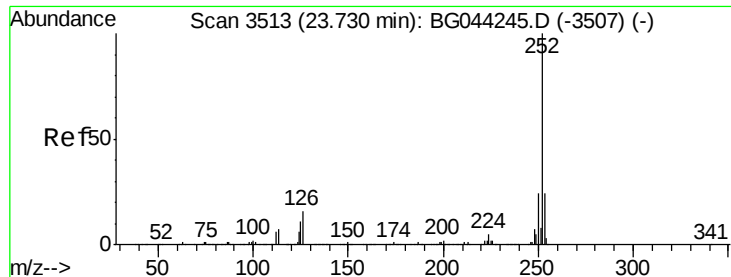
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.2	16.7	25.1



#88
Benzo(b)fluoranthene
Concen: 0.166 ng
RT: 23.64 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	18.5	8.4	12.6

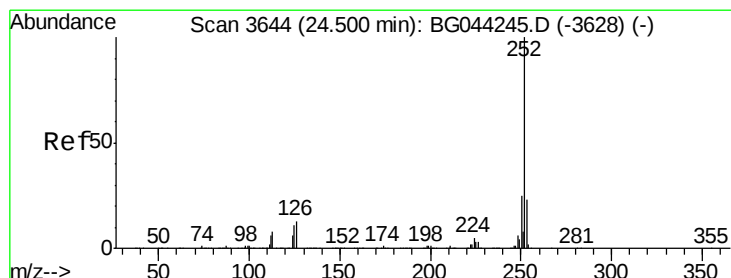
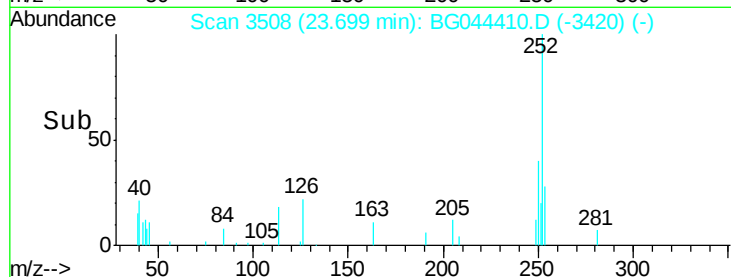
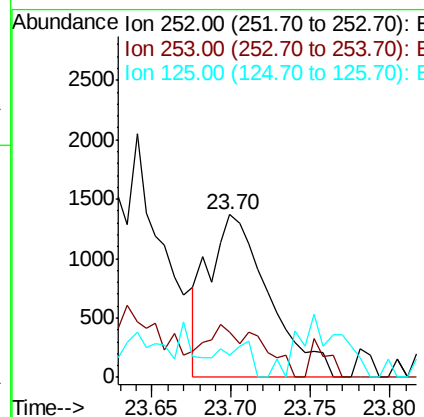
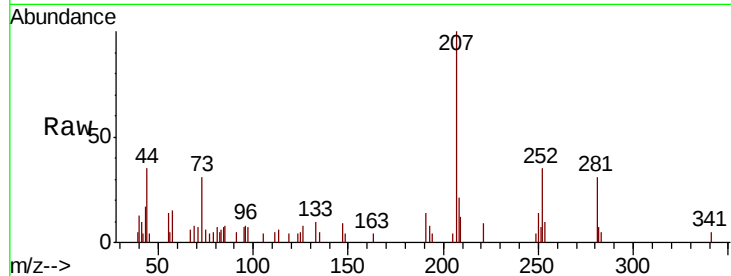




#89
Benzo(k)fluoranthene
Concen: 0.138 ng
RT: 23.70 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

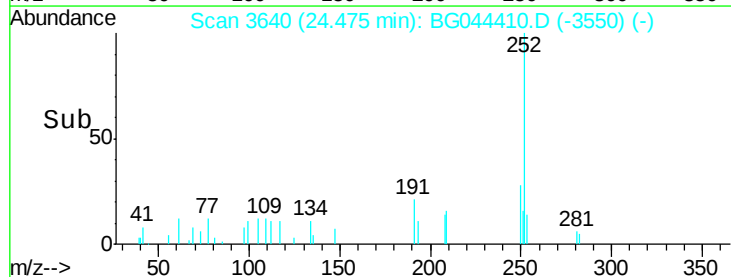
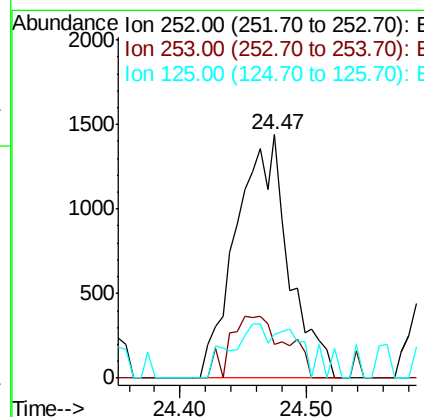
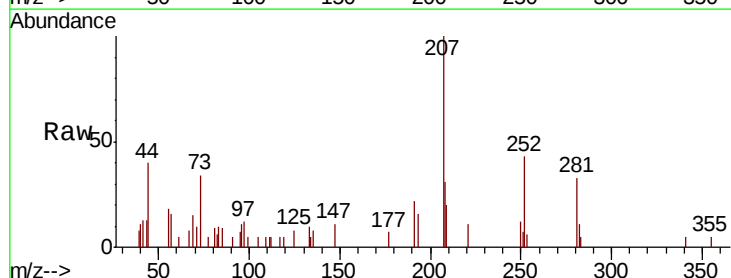
Instrument :
BNA_G
ClientSampleId :

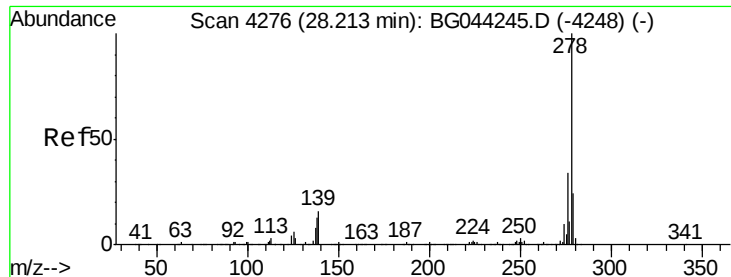
Tot Ion:252 Resp: 3617
Ion Ratio Lower Upper
252 100
253 28.0 19.1 28.7
125 13.6 8.6 12.8#



#90
Benzo(a)pyrene
Concen: 0.163 ng
RT: 24.47 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044410.D
Acq: 12 Feb 2020 15:51

Tgt Ion:252 Resp: 4129
Ion Ratio Lower Upper
252 100
253 14.1 18.1 27.1#
125 18.1 8.6 13.0#





#91

Dibenzo(a,h)anthracene

Concen: 0.080 ng

RT: 28.17 min Scan# 4269

Delta R.T. -0.01 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

Instrument :

BNA_G

ClientSampleId :

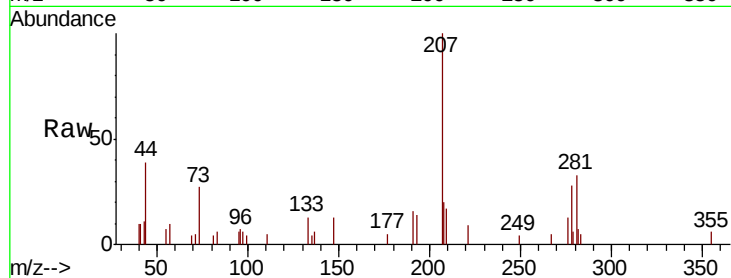
Tot Ion:278 Resp: 2006

Ion Ratio Lower Upper

278 100

139 0.0 12.7 19.1#

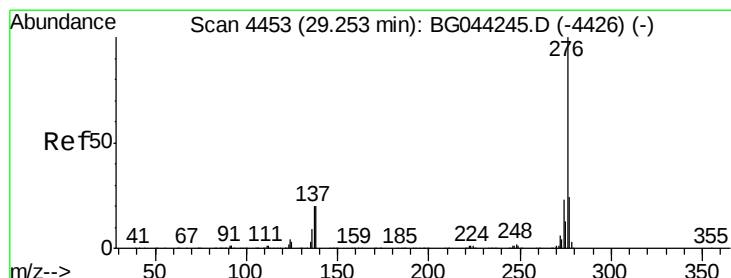
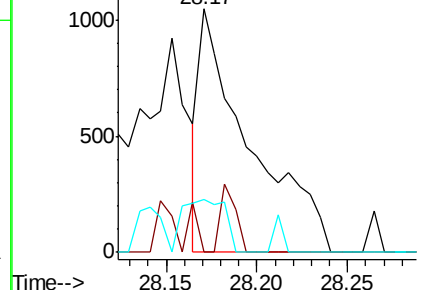
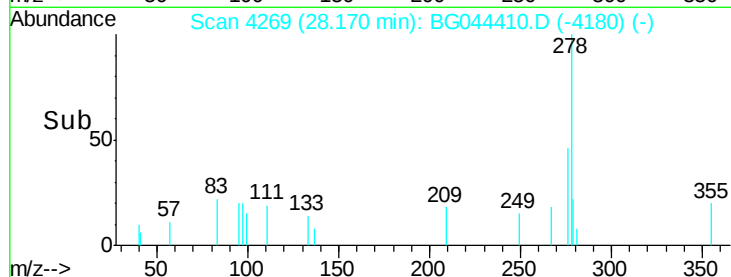
279 21.9 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.162 ng

RT: 29.18 min Scan# 4441

Delta R.T. -0.02 min

Lab File: BG044410.D

Acq: 12 Feb 2020 15:51

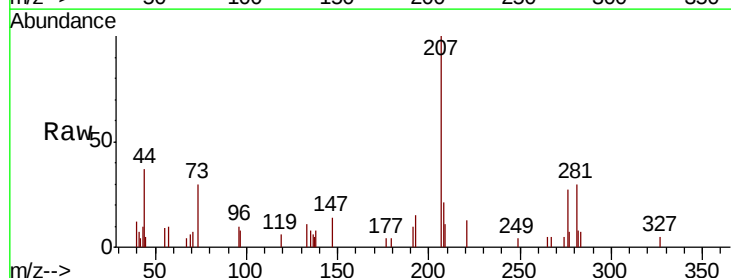
Tgt Ion:276 Resp: 4080

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

138 29.4 16.2 24.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

