

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044584.D
 Acq On : 25 Feb 2020 19:55
 Operator : CG/JU
 Sample : L1586-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 05:01:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	69838	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	274589	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	187285	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	431573	20.00	ng	0.00
76) Chrysene-d12	21.50	240	421322	20.00	ng	0.00
87) Perylene-d12	24.57	264	433697	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	269748	61.97	ng	0.00
7) Phenol-d6	7.05	99	252342	42.35	ng	0.00
23) Nitrobenzene-d5	9.03	82	441227	82.78	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	330230	124.35	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	1043208	79.76	ng	0.00
79) Terphenyl-d14	19.88	244	1513475	68.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	55	0.029	ng	# 24
3) Pyridine	3.79	79	68	0.013	ng	# 1
4) n-Nitrosodimethylamine	3.68	42	62	0.031	ng	# 1
9) Benzaldehyde	7.05	77	402	0.115	ng	# 1
10) Phenol	7.07	94	6141	1.064	ng	# 77
15) Benzyl Alcohol	8.20	79	6716	1.671	ng	# 47
19) n-Nitroso-di-n-propylamine	9.03	70	57903	15.119	ng	# 77
22) Acetophenone	8.70	105	1607	0.233	ng	# 78
24) Nitrobenzene	9.03	77	1324	0.256	ng	# 29
25) Isophorone	9.61	82	244	0.024	ng	# 65
26) 2-Nitrophenol	10.28	139	196	0.070	ng	# 40
31) Naphthalene	10.72	128	11431	0.763	ng	# 95
33) 4-Chloroaniline	10.73	127	1487	0.225	ng	# 55
37) 2-Methylnaphthalene	12.56	142	1138	0.103	ng	# 98
38) 1-Methylnaphthalene	12.56	142	1138	0.108	ng	# 94
46) 1,1'-Biphenyl	13.35	154	4033	0.260	ng	# 93
48) 2-Nitroaniline	13.42	65	1399	0.415	ng	# 1
49) Acenaphthylene	14.58	152	1867	0.104	ng	# 1
50) Dimethylphthalate	13.97	163	76421	5.056	ng	# 98
51) 2,6-Dinitrotoluene	13.97	165	854	0.256	ng	# 38
52) Acenaphthene	14.58	154	3590	0.314	ng	# 92
55) Dibenzofuran	14.92	168	12477	0.712	ng	# 96
56) 4-Nitrophenol	14.92	139	4078	1.649	ng	# 12
57) 2,4-Dinitrotoluene	14.51	165	23992	5.119	ng	# 31
58) Fluorene	15.57	166	7502	0.540	ng	# 98
60) Diethylphthalate	15.33	149	2520	0.168	ng	# 93
62) 4-Nitroaniline	15.55	138	113	0.031	ng	# 21
63) Azobenzene	15.87	77	529	0.042	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.00	198	871	0.326	ng	# 1
66) n-Nitrosodiphenylamine	16.00	169	11052	0.821	ng	# 47
67) 4-Bromophenyl-phenylether	16.00	248	22476	4.196	ng	# 1
71) Phenanthrene	17.30	178	30222	1.265	ng	# 98
72) Anthracene	17.30	178	30222	1.284	ng	# 99
73) Carbazole	17.67	167	9582	0.447	ng	# 97

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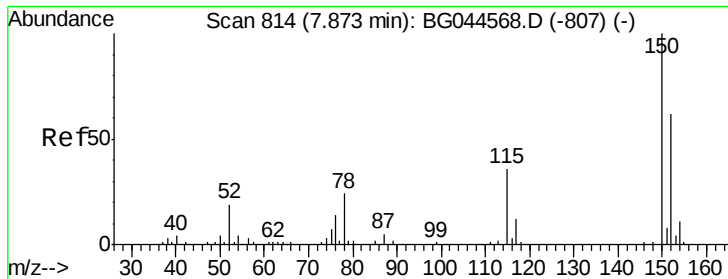
Quant Time: Feb 26 05:01:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

74) Di-n-butylphthalate	18.23	149	3643	0.136	ng	# 92
75) Fluoranthene	19.32	202	4586	0.162	ng	96
77) Benzidine	19.88	184	23119	1.602	ng	# 90
78) Pyrene	19.68	202	2891	0.095	ng	98
80) Butylbenzylphthalate	20.57	149	1111	0.083	ng	# 70
81) Benzo(a)anthracene	21.50	228	1404	0.047	ng	# 46
82) 3,3'-Dichlorobenzidine	21.41	252	260	0.022	ng	# 4
83) Chrysene	21.55	228	330	0.012	ng	# 47
84) Bis(2-ethylhexyl)phthalate	21.40	149	7347	0.399	ng	# 99
85) Di-n-octyl phthalate	22.56	149	1836	0.057	ng	# 80
86) Indeno(1,2,3-cd)pyrene	28.08	276	69	0.002	ng	# 51
88) Benzo(b)fluoranthene	23.61	252	814	0.029	ng	# 28
89) Benzo(k)fluoranthene	23.68	252	590	0.021	ng	# 27
90) Benzo(a)pyrene	24.42	252	445	0.017	ng	# 49
92) Benzo(a,h,i)perylene	29.13	276	57	0.002	ng	# 53

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

```
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Sample    : L1586-04  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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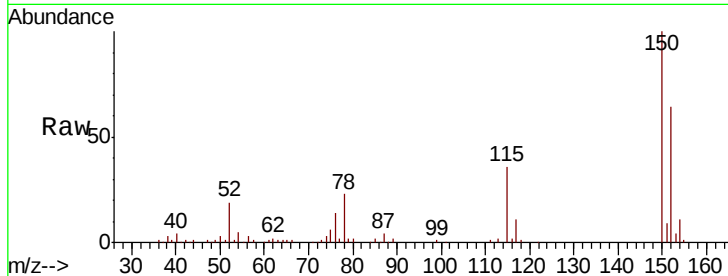


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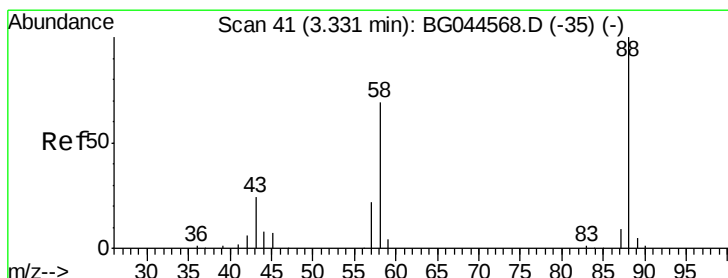
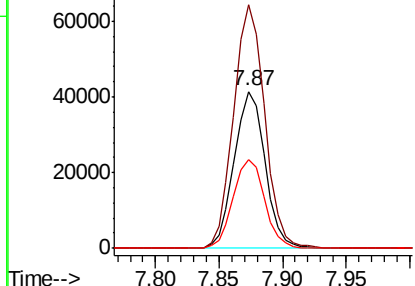
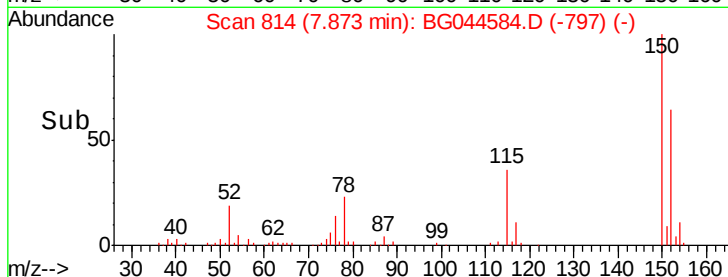
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 69838
Ion Ratio Lower Upper
152 100
150 155.3 128.9 193.3
115 56.5 47.0 70.4



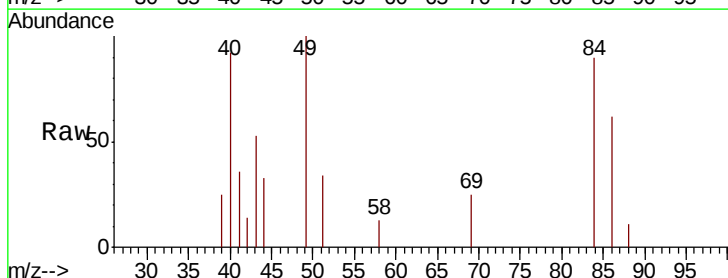
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



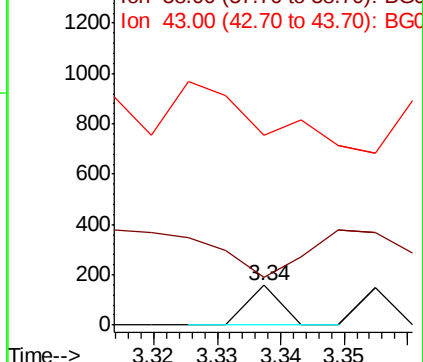
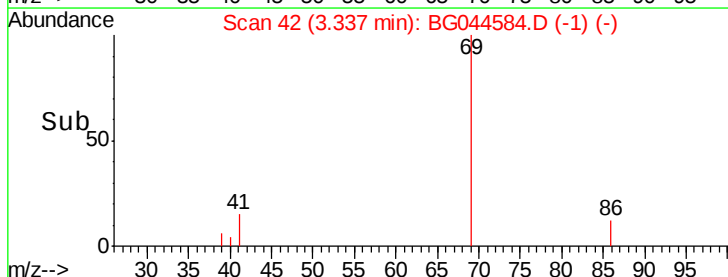
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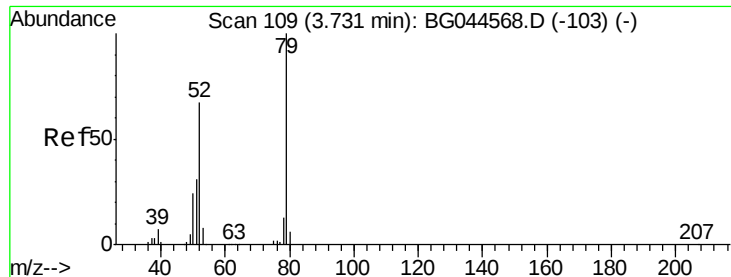
1,4-Dioxane
Concen: 0.029 ng
RT: 3.34 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
58 0.0 55.8 83.8#
43 0.0 20.6 31.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.013 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.06 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

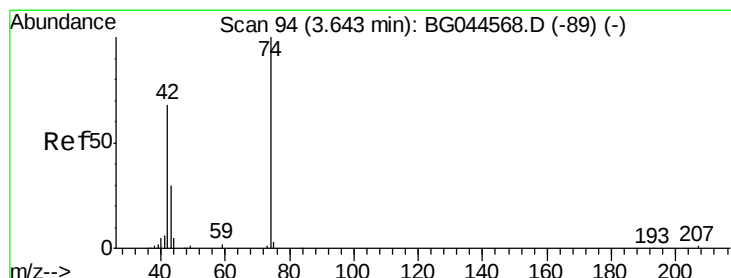
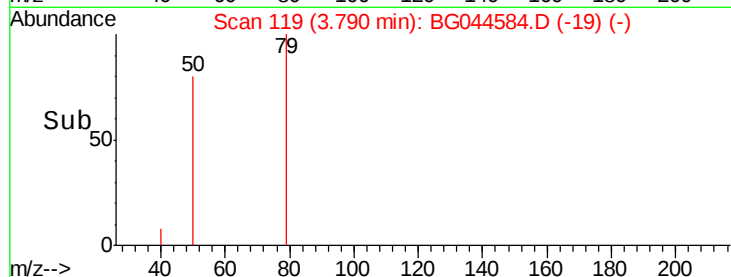
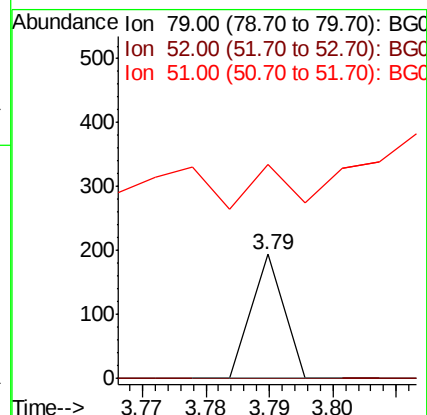
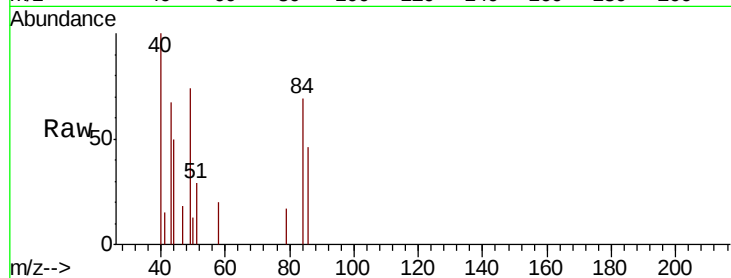
Tot Ion: 79 Resp: 68

Ion Ratio Lower Upper

79 100

52 0.0 53.7 80.5#

51 173.1 25.4 38.0#



#4

n-Nitrosodimethylamine

Concen: 0.031 ng

RT: 3.68 min Scan# 100

Delta R.T. 0.04 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

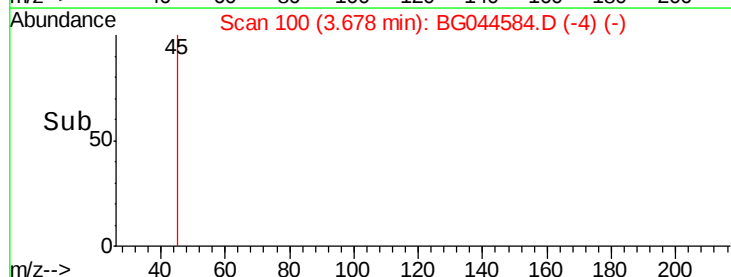
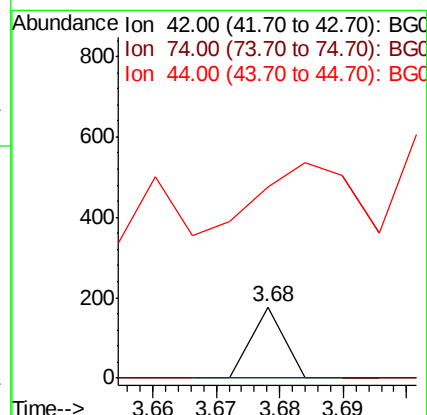
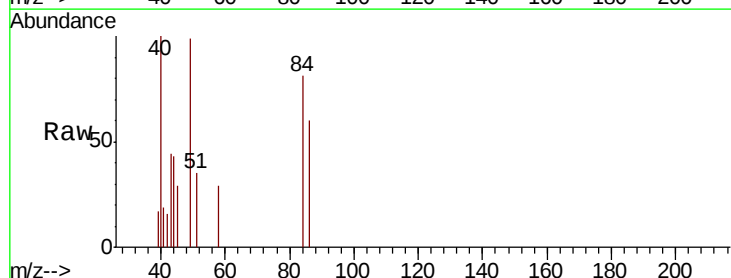
Tgt Ion: 42 Resp: 62

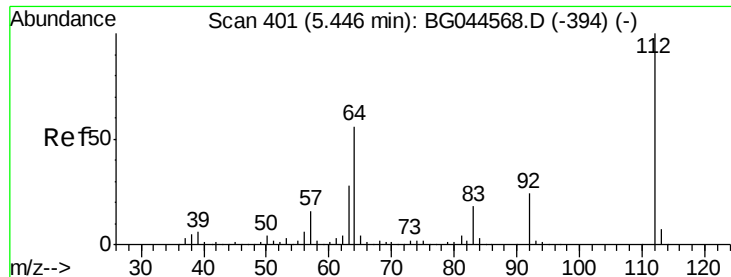
Ion Ratio Lower Upper

42 100

74 0.0 117.6 176.4#

44 268.4 6.3 9.5#





#5

2-Fluorophenol

Concen: 61.972 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.01 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :
BNA_G
ClientSampled :

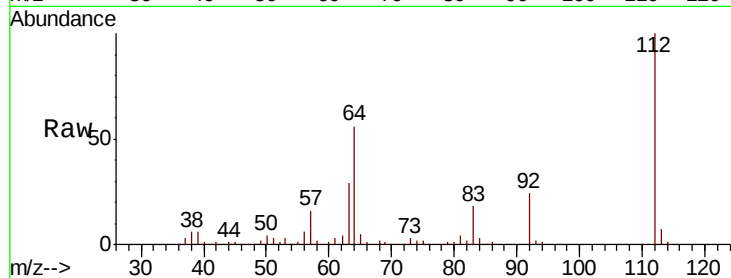
Tot Ion: 112 Resp: 269748

Ion Ratio Lower Upper

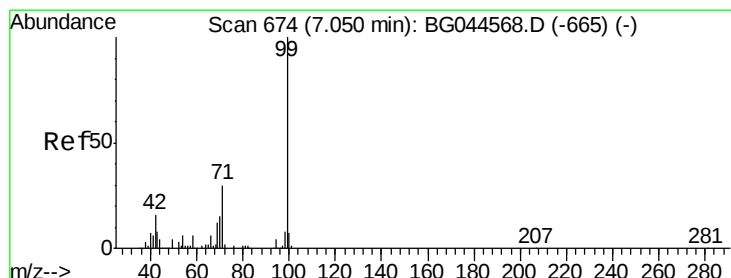
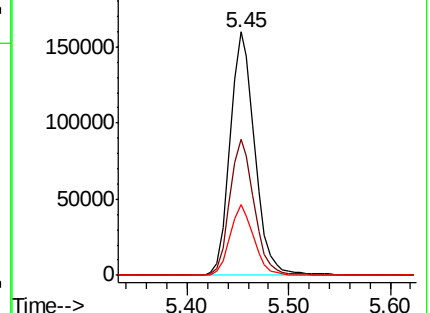
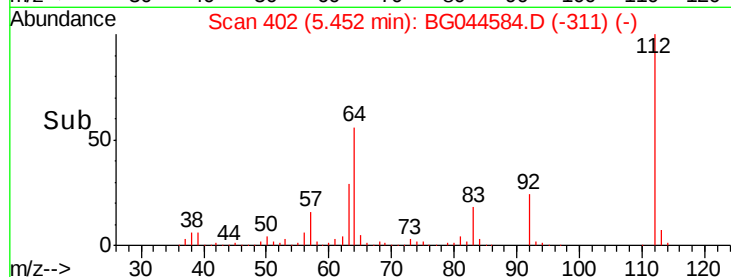
112 100

64 55.9 44.8 67.2

63 28.9 22.3 33.5



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: 42.353 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

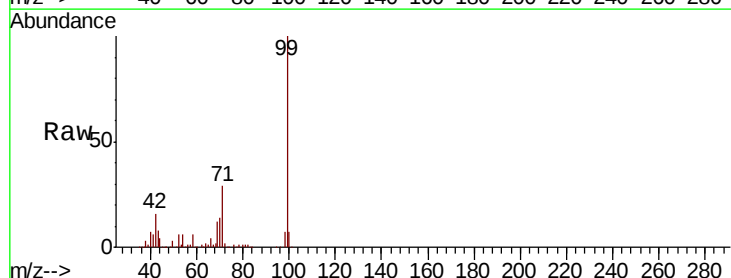
Tgt Ion: 99 Resp: 252342

Ion Ratio Lower Upper

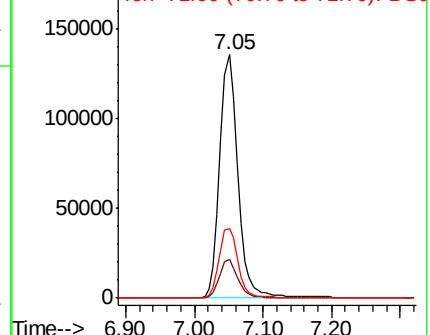
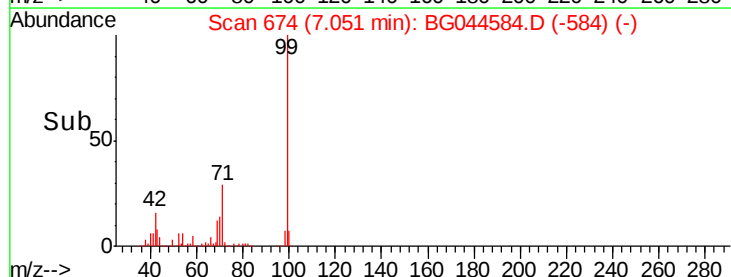
99 100

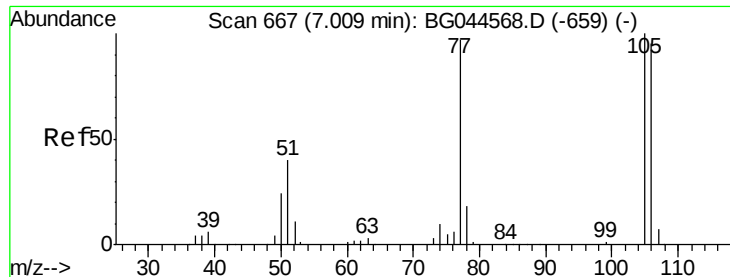
42 16.2 12.8 19.2

71 28.6 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 0.115 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.04 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampled :

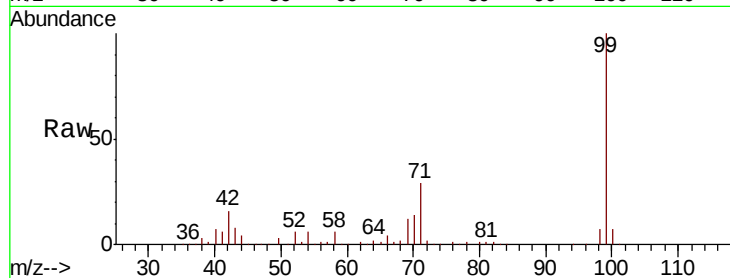
Tot Ion: 77 Resp: 402

Ion Ratio Lower Upper

77 100

105 0.0 83.6 123.6#

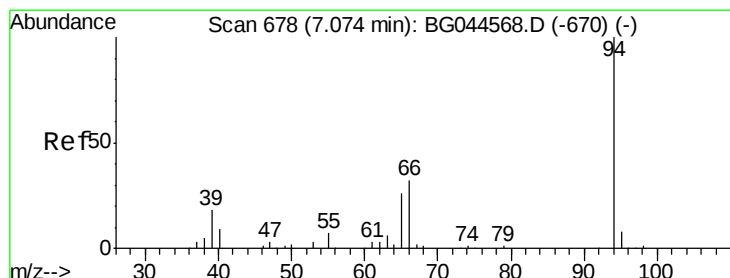
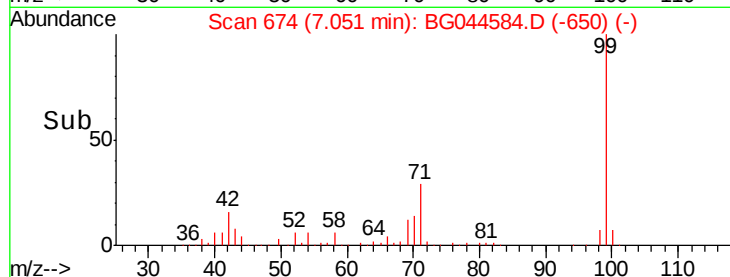
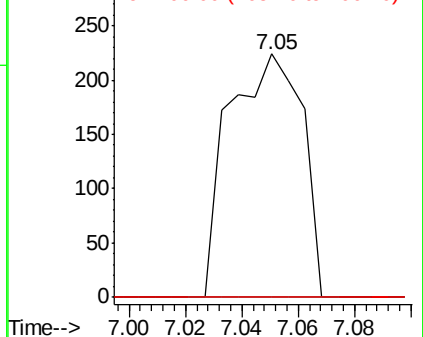
106 0.0 78.2 118.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 1.064 ng

RT: 7.07 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

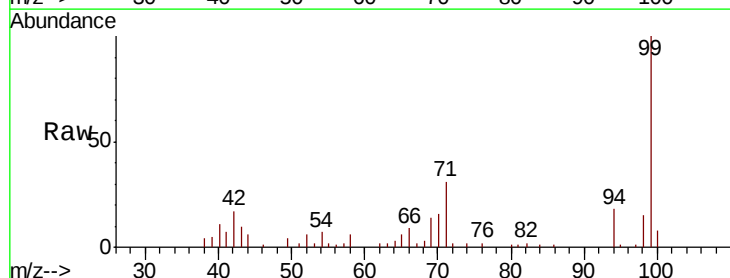
Tgt Ion: 94 Resp: 6141

Ion Ratio Lower Upper

94 100

65 32.1 6.4 46.4

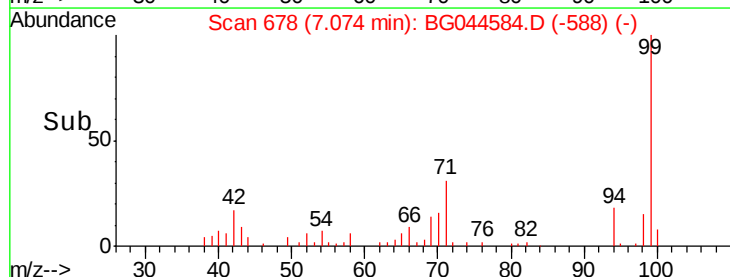
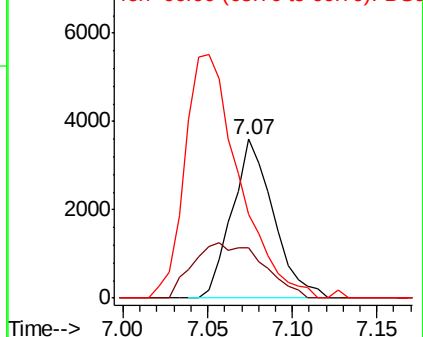
66 52.8 13.9 53.9

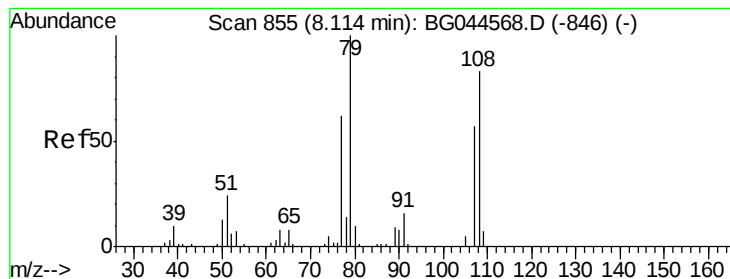


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 1.671 ng

RT: 8.20 min Scan# 869

Delta R.T. 0.08 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampled :

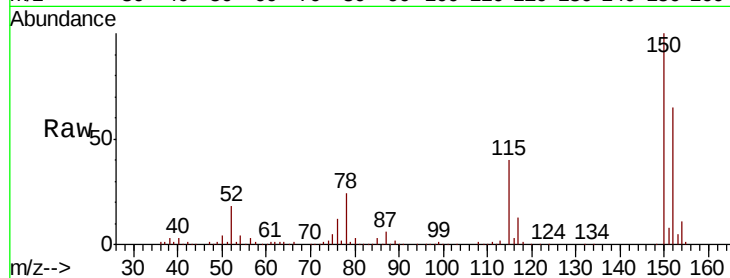
Tot Ion: 79 Resp: 6716

Ion Ratio Lower Upper

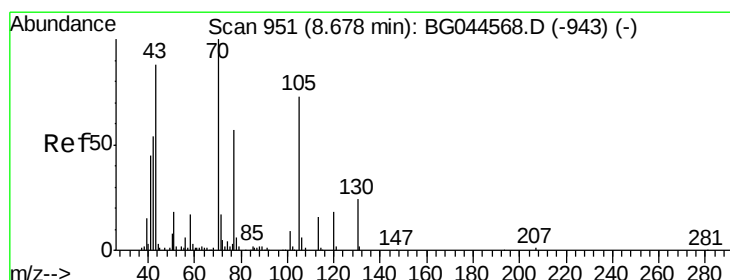
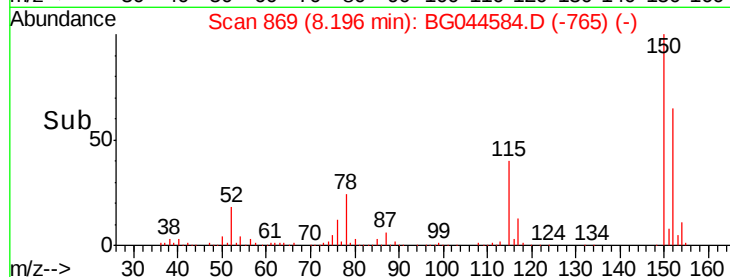
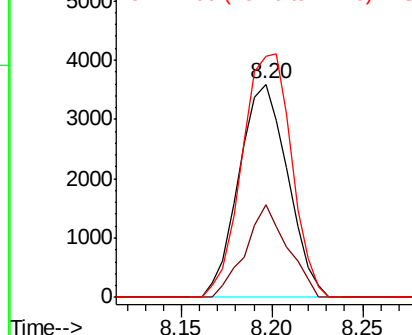
79 100

108 43.6 66.0 99.0#

77 112.9 49.6 74.4#



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.119 ng

RT: 9.03 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Tgt Ion: 70 Resp: 57903

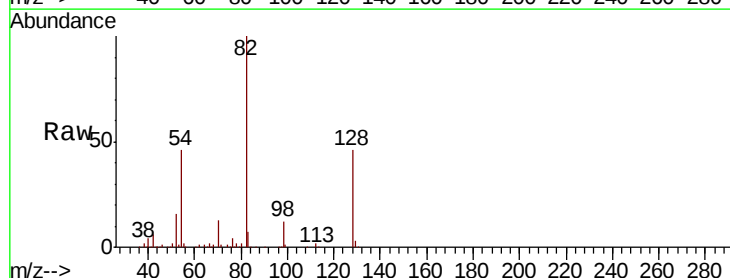
Ion Ratio Lower Upper

70 100

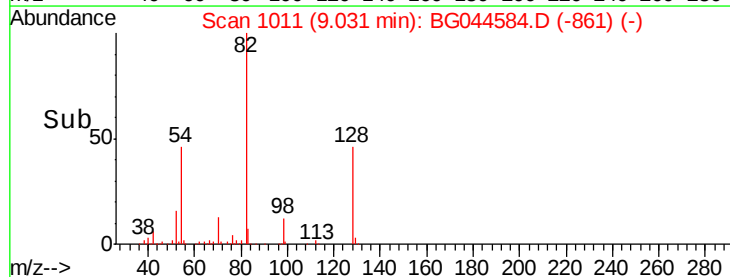
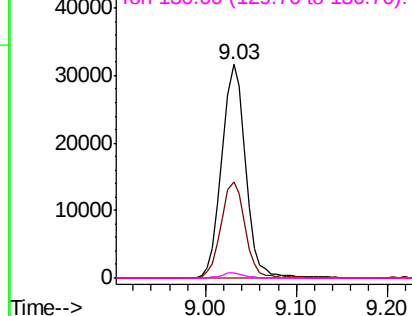
42 44.9 43.4 65.0

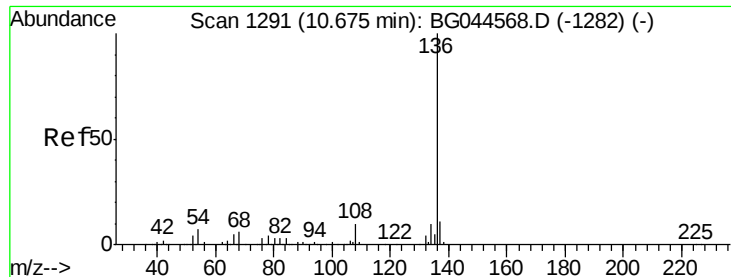
101 0.0 7.5 11.3#

130 2.1 18.9 28.3#



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 274589

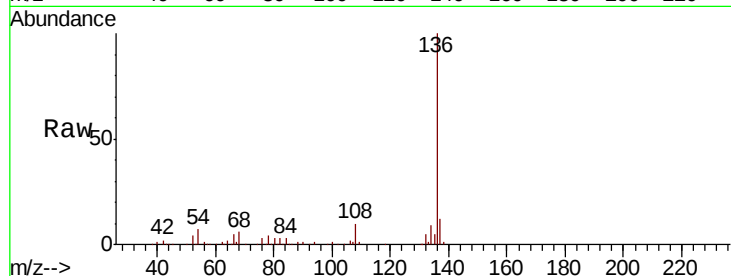
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 6.9 5.7 8.5

68 5.9 4.5 6.7

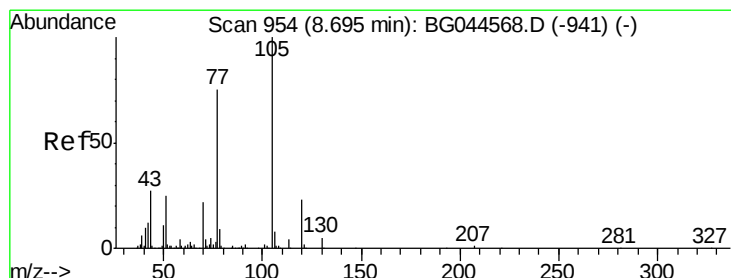
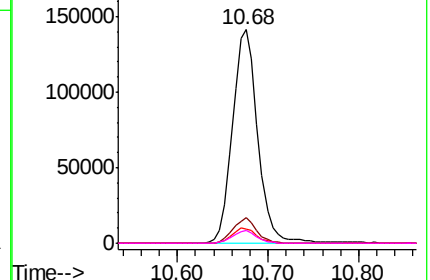
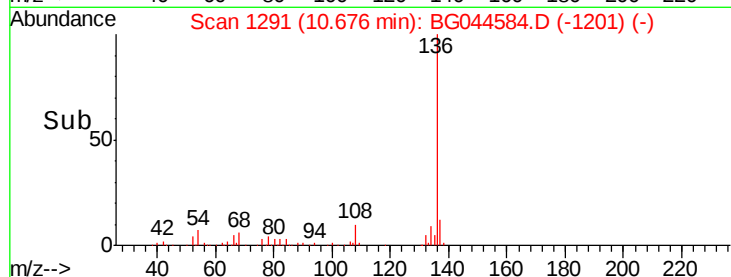


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 0.233 ng

RT: 8.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Tgt Ion:105 Resp: 1607

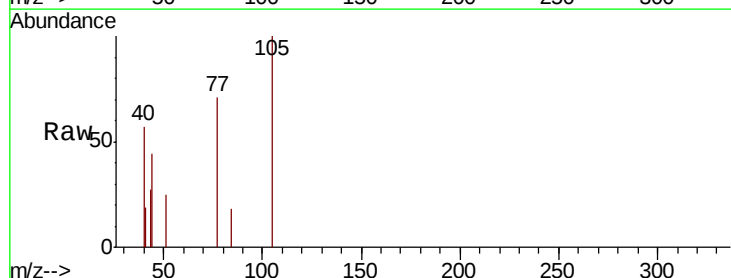
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 24.7 19.9 29.9

120 0.0 18.6 28.0#

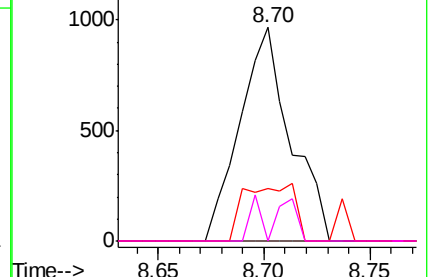
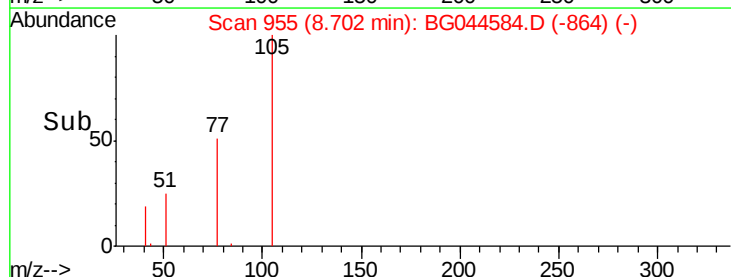


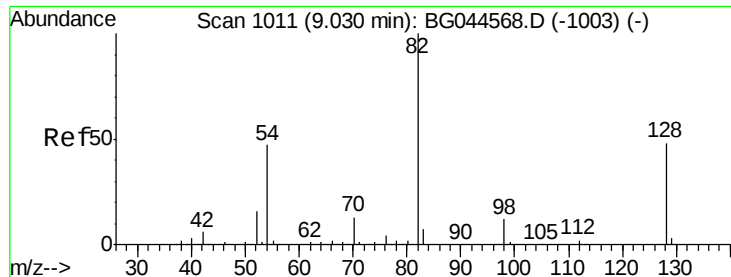
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

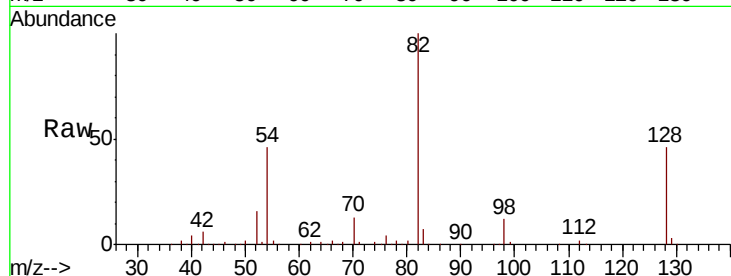




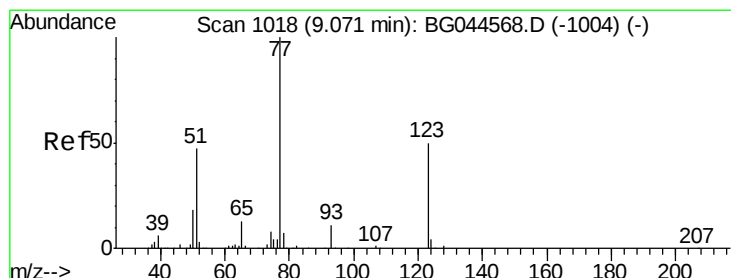
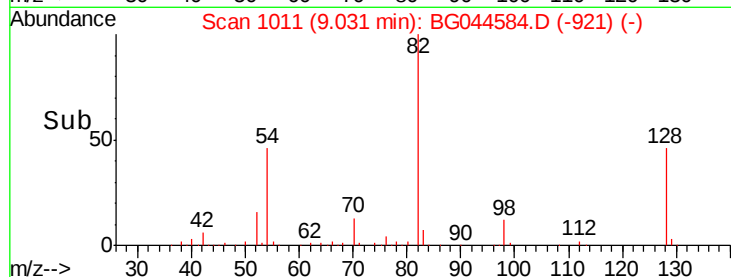
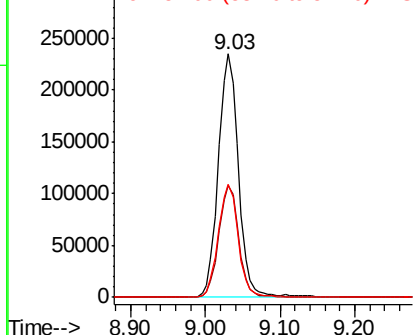
#23
Nitrobenzene-d5
Concen: 82.783 ng
RT: 9.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	441227
Ion Ratio	100	Lower	Upper
128	45.9	38.1	57.1
54	46.4	37.5	56.3

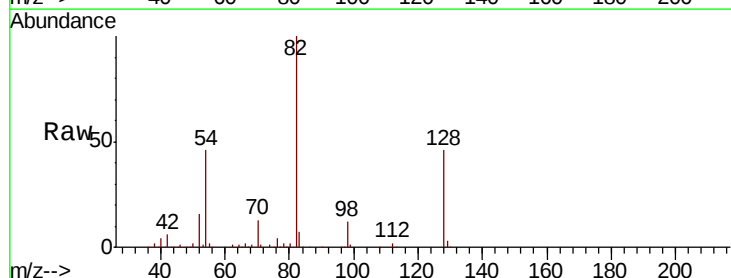


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

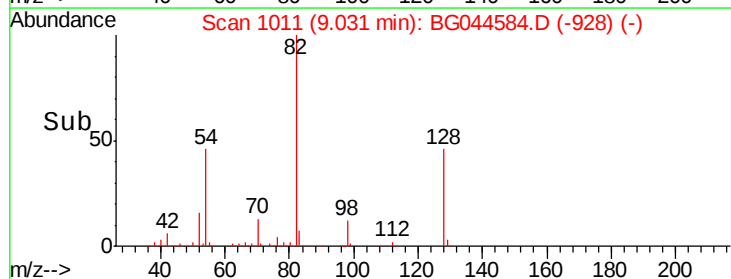
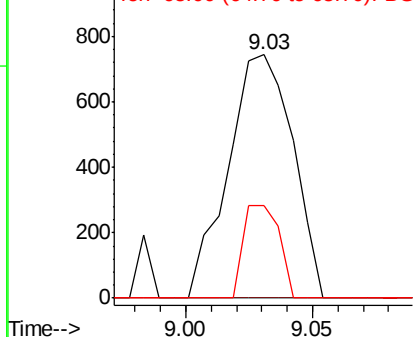


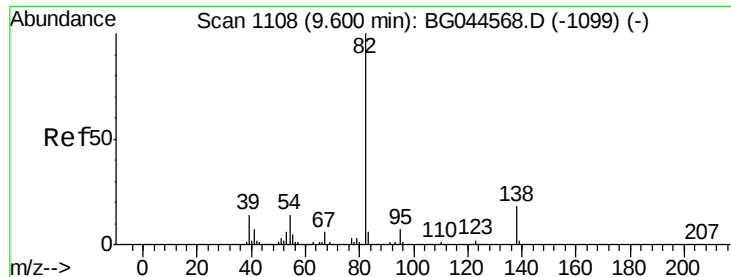
#24
Nitrobenzene
Concen: 0.256 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.04 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

Tgt Ion	77	Resp	1324
Ion Ratio	100	Lower	Upper
123	0.0	40.1	60.1#
65	37.9	10.4	15.6#



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





#25

Isophorone

Concen: 0.024 ng

RT: 9.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

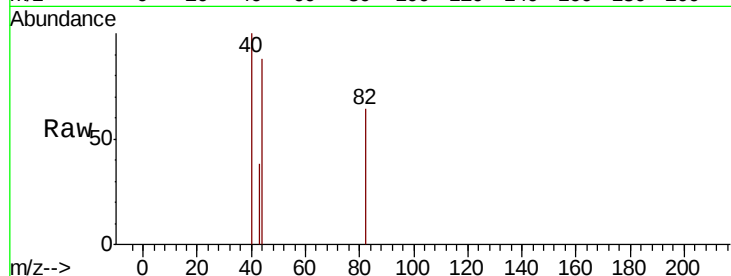
Tot Ion: 82 Resp: 244

Ion Ratio Lower Upper

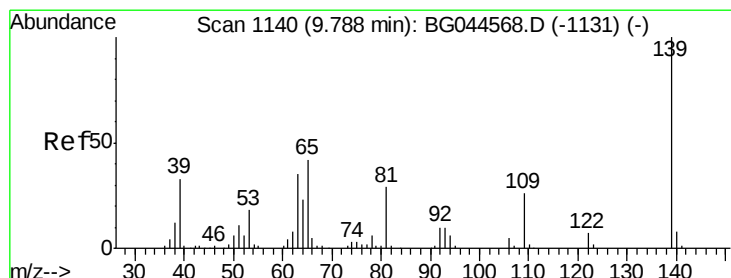
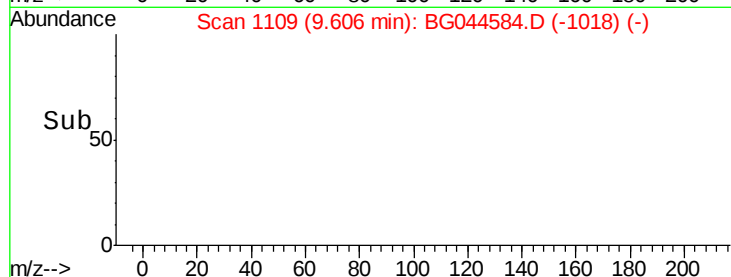
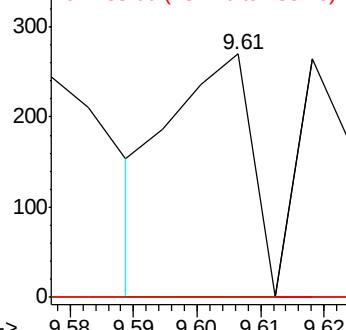
82 100

95 0.0 5.6 8.4#

138 0.0 14.7 22.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 0.070 ng

RT: 10.28 min Scan# 1224

Delta R.T. 0.49 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

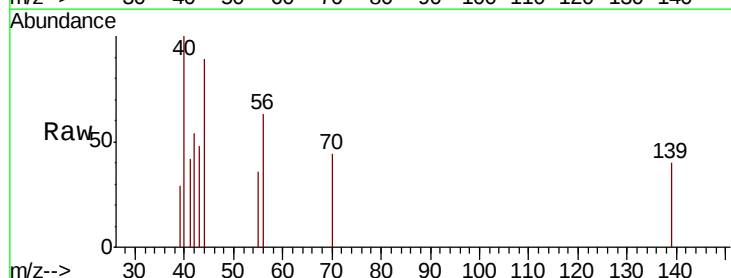
Tgt Ion: 139 Resp: 196

Ion Ratio Lower Upper

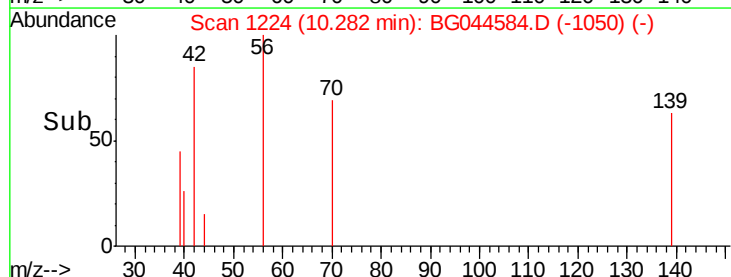
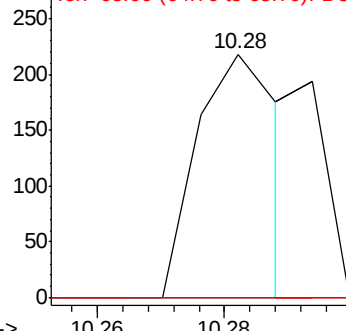
139 100

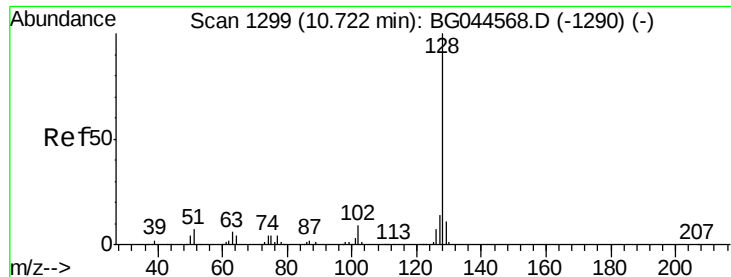
109 0.0 20.6 31.0#

65 0.0 33.3 49.9#



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





#31

Naphthalene

Concen: 0.763 ng

RT: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

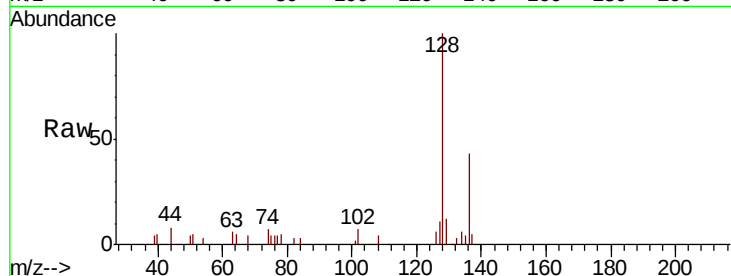
Tot Ion:128 Resp: 11431

Ion Ratio Lower Upper

128 100

129 12.2 9.0 13.6

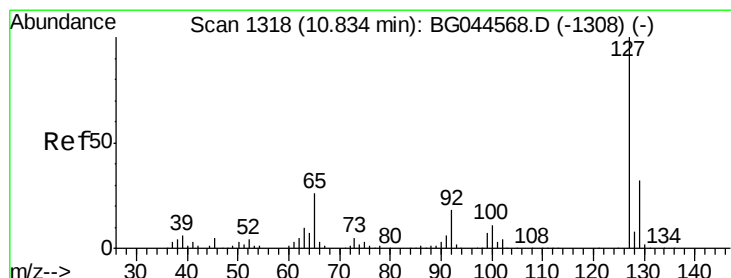
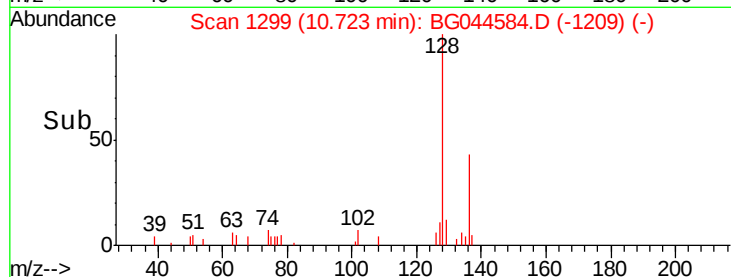
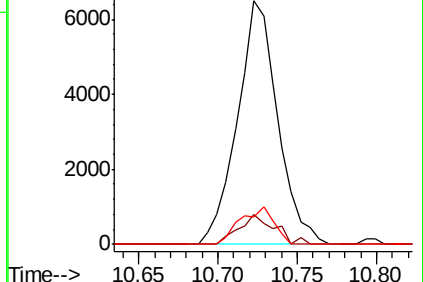
127 11.1 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 0.225 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.11 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Tgt Ion:127 Resp: 1487

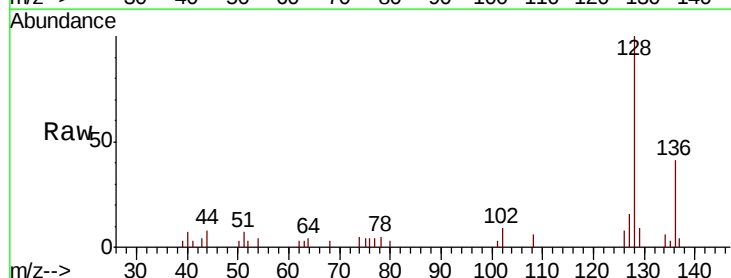
Ion Ratio Lower Upper

127 100

129 56.8 25.9 38.9#

65 0.0 20.7 31.1#

92 0.0 14.2 21.2#

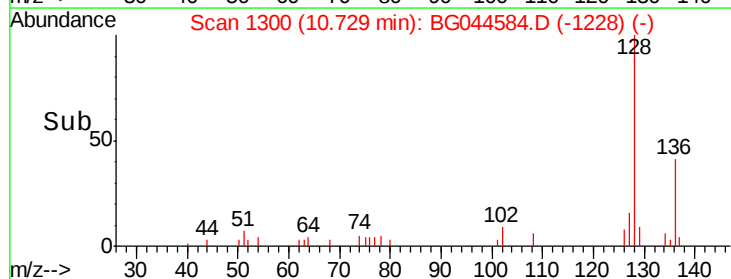
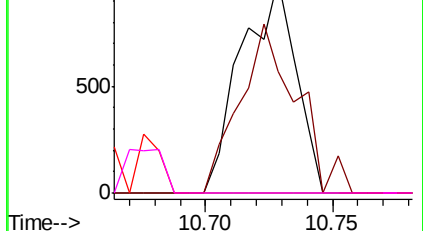


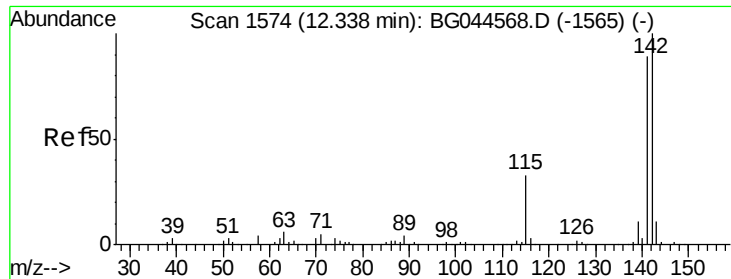
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

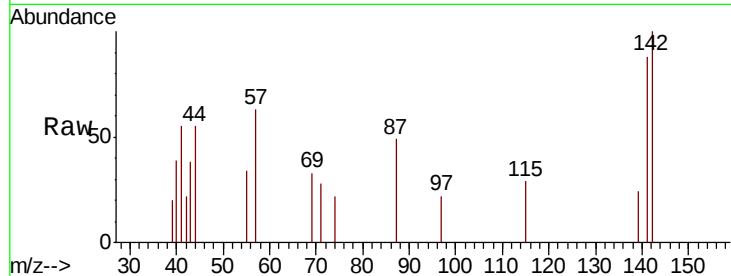




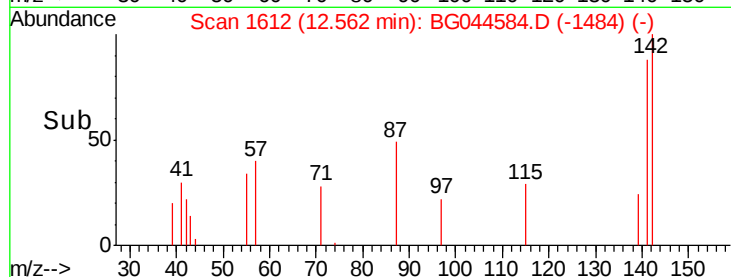
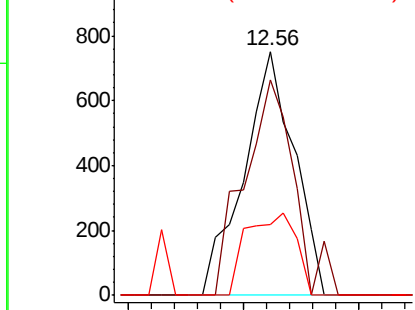
#37
2-Methylnaphthalene
Concen: 0.103 ng
RT: 12.56 min Scan# 1612
Delta R.T. 0.22 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 1138
Ion Ratio Lower Upper
142 100
141 88.3 71.3 106.9
115 29.2 26.2 39.2

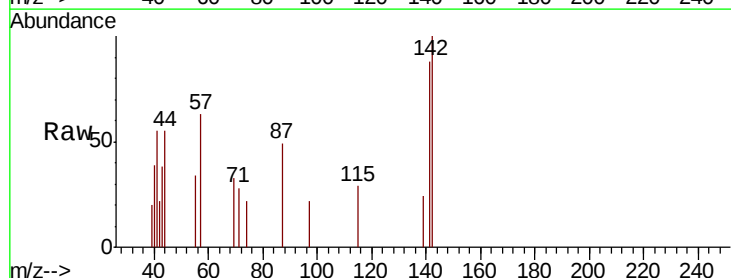
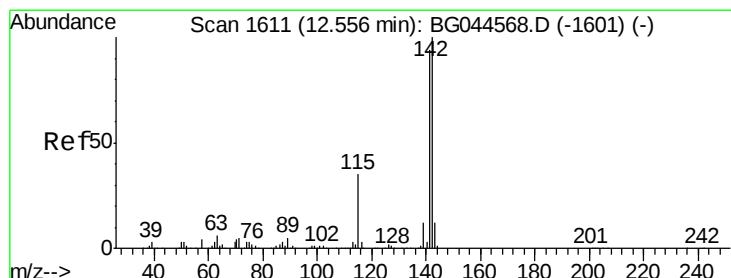


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

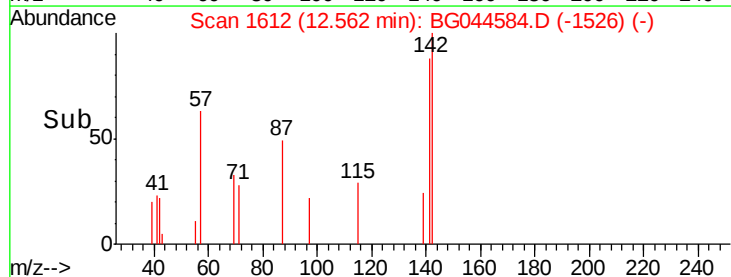
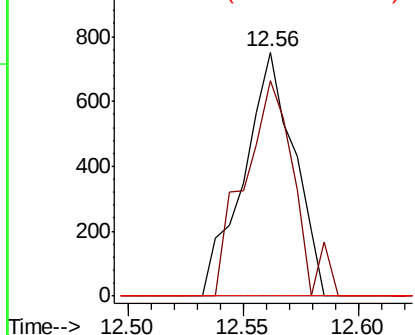


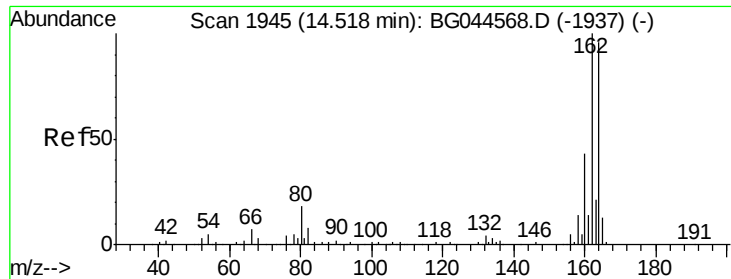
#38
1-Methylnaphthalene
Concen: 0.108 ng
RT: 12.56 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

Tgt Ion:142 Resp: 1138
Ion Ratio Lower Upper
142 100
141 88.3 75.1 112.7
116 0.0 2.6 4.0#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

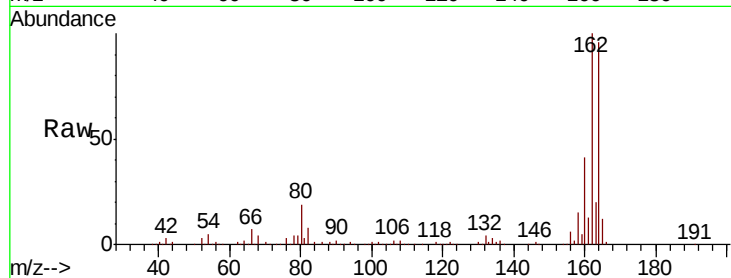




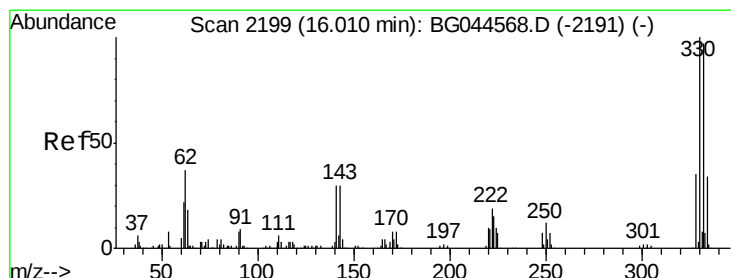
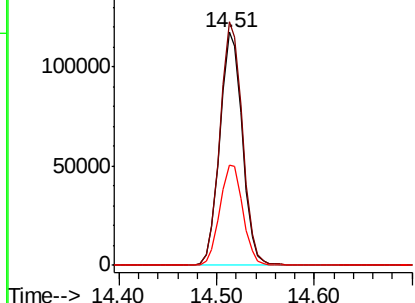
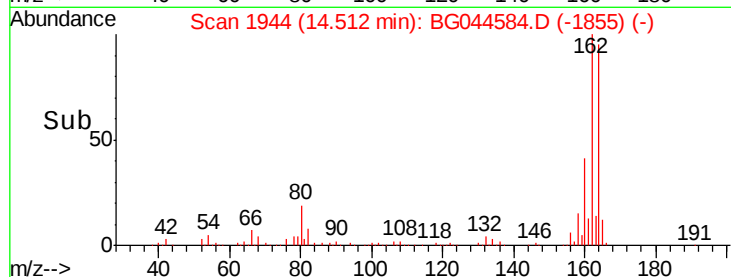
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.6	125.4
160	42.8	36.2	54.4

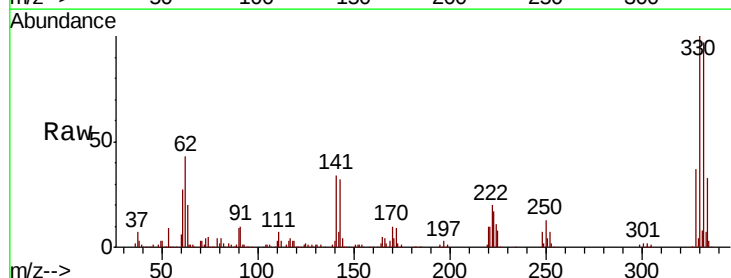


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

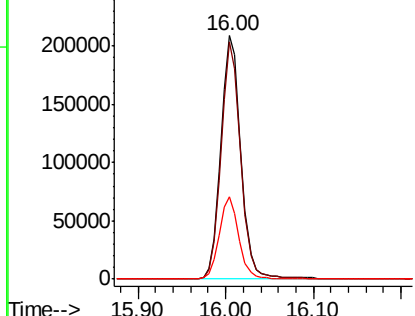
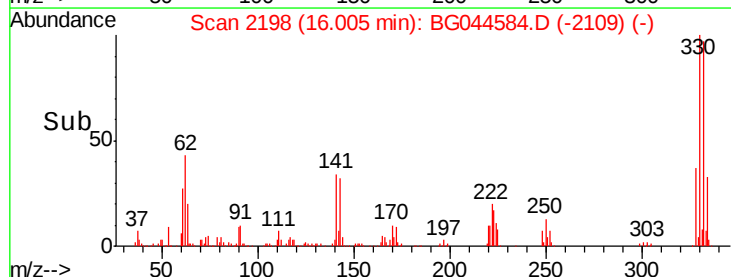


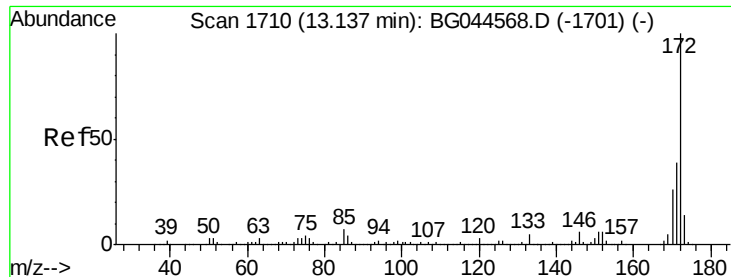
#42
2,4,6-Tribromophenol
Concen: 124.355 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.0
141	33.3	26.1	39.1



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



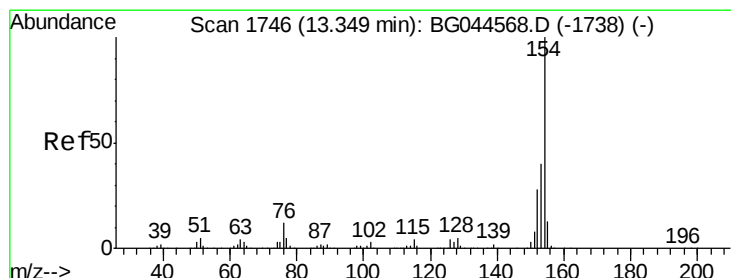
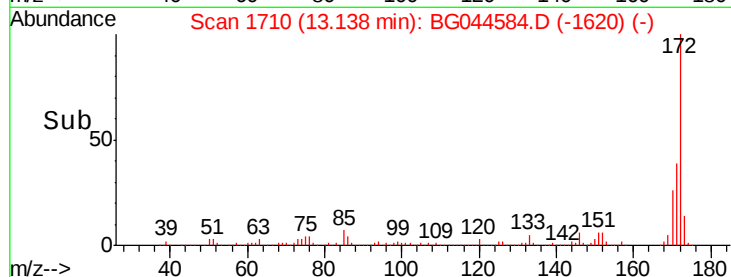
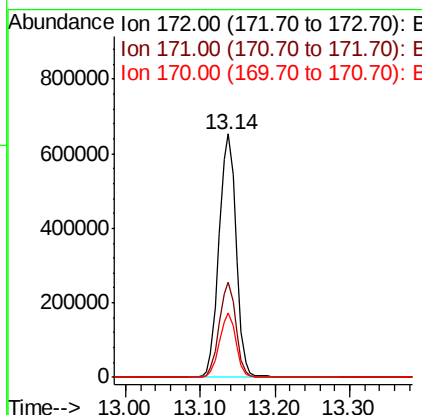
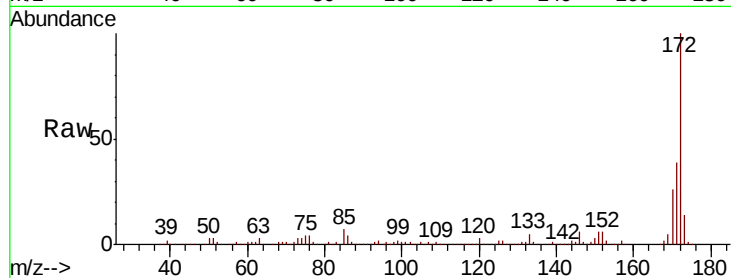


#45
 2-Fluorobiphenyl
 Concen: 79.764 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG044584.D
 Acq: 25 Feb 2020 19:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1043208

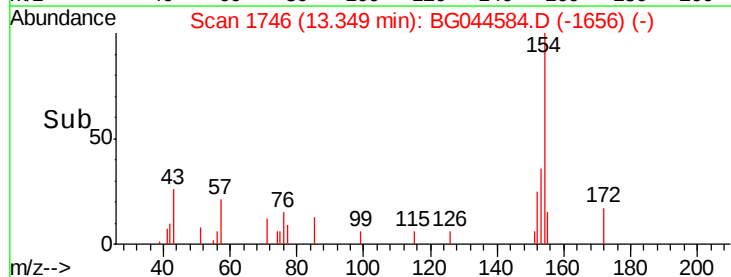
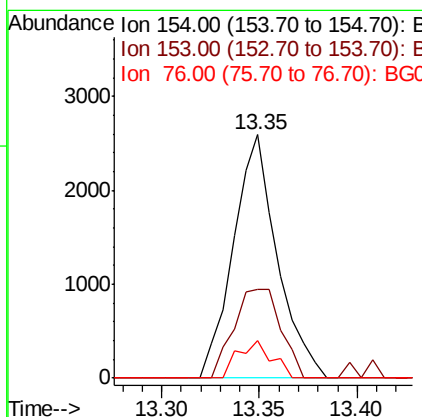
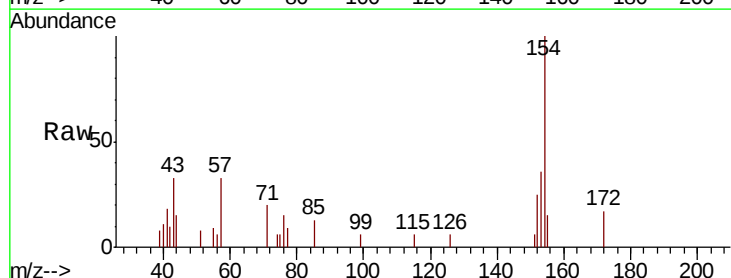
Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.3	46.9
170	26.2	21.0	31.4

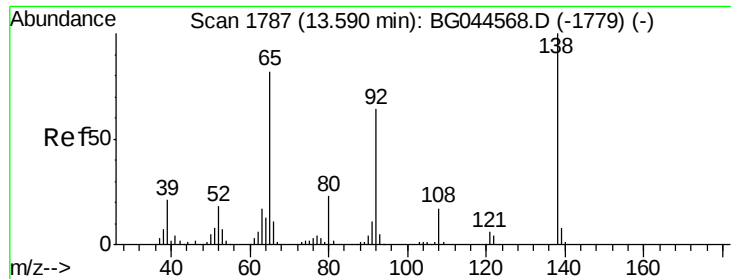


#46
 1,1'-Biphenyl
 Concen: 0.260 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG044584.D
 Acq: 25 Feb 2020 19:55

Tgt Ion:154 Resp: 4033

Ion	Ratio	Lower	Upper
154	100		
153	36.2	20.2	60.2
76	15.4	0.0	31.8





#48

2-Nitroaniline

Concen: 0.415 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.17 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

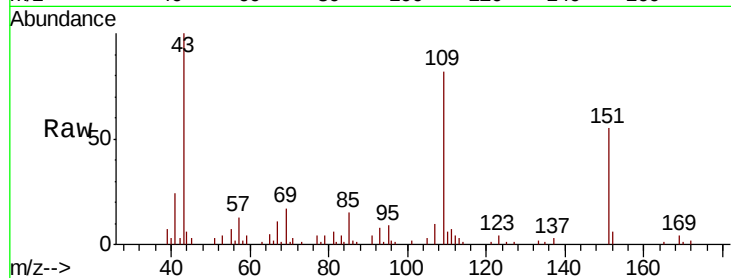
Tot Ion: 65 Resp: 1399

Ion Ratio Lower Upper

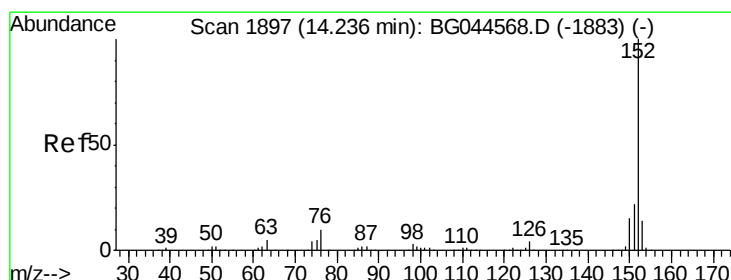
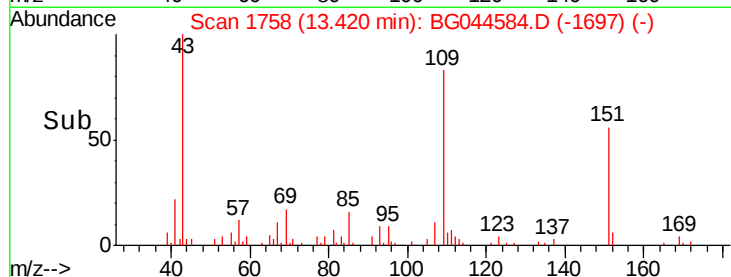
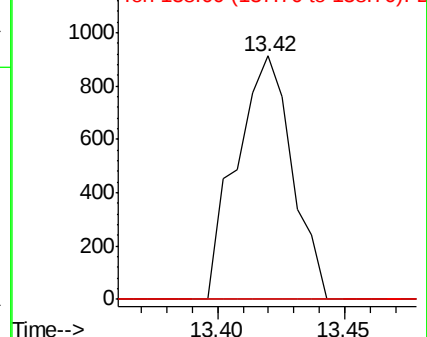
65 100

92 0.0 62.2 93.2#

138 0.0 97.6 146.4#



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): BGC



#49

Acenaphthylene

Concen: 0.104 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.35 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

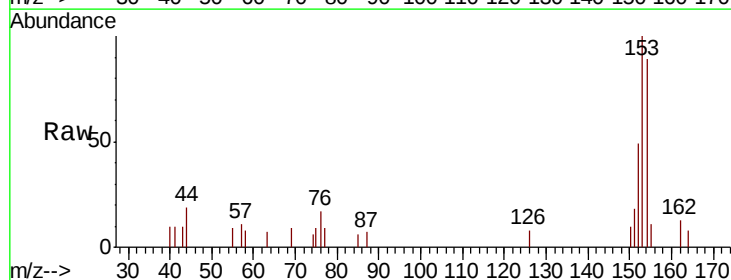
Tgt Ion: 152 Resp: 1867

Ion Ratio Lower Upper

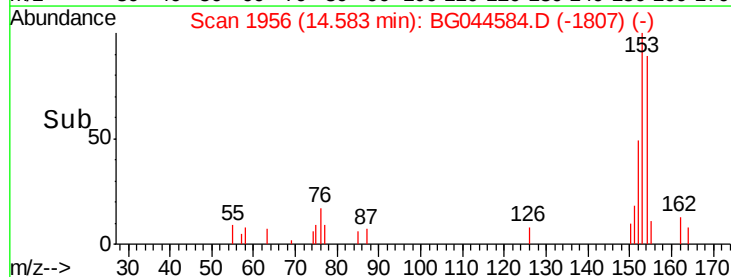
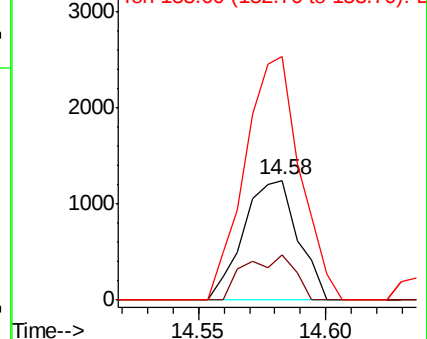
152 100

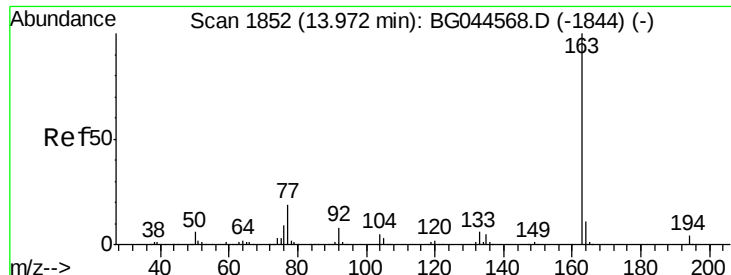
151 37.3 17.7 26.5#

153 202.9 11.3 16.9#



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

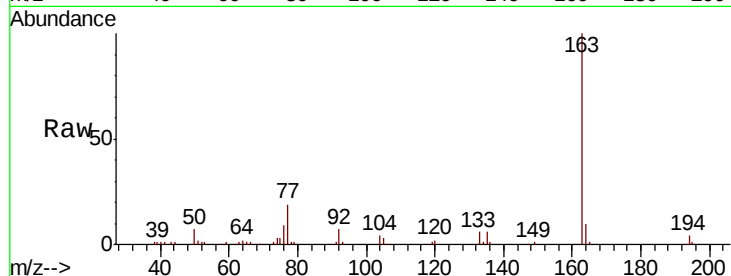




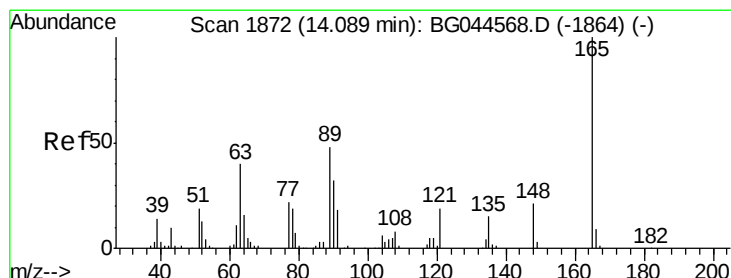
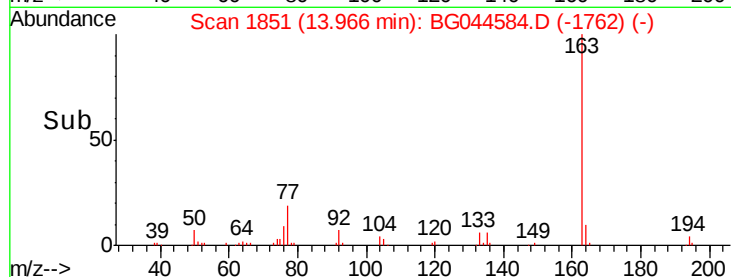
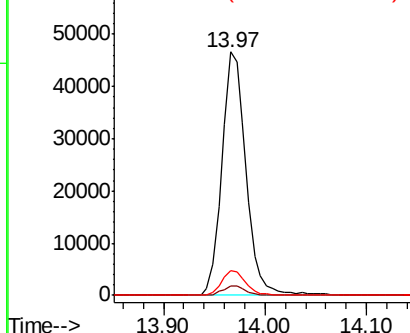
#50
Dimethylphthalate
Concen: 5.056 ng
RT: 13.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 76421
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.7 13.1

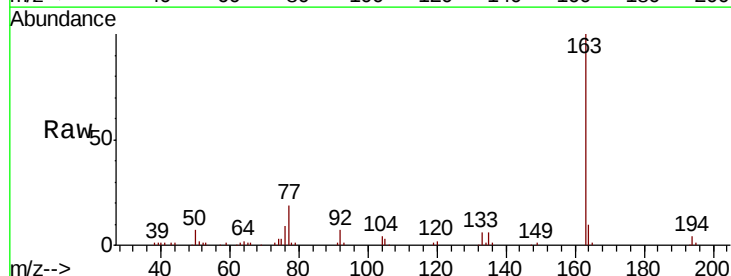


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

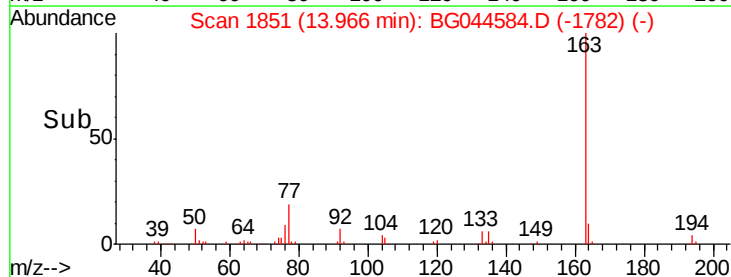
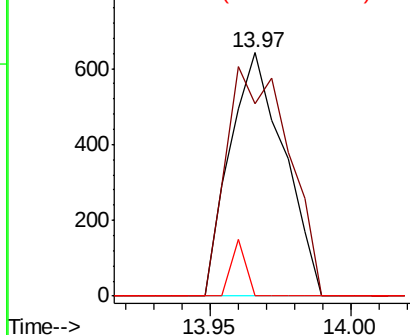


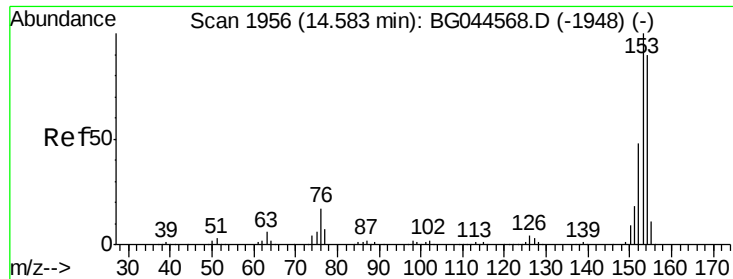
#51
2,6-Dinitrotoluene
Concen: 0.256 ng
RT: 13.97 min Scan# 1851
Delta R.T. -0.12 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

Tgt Ion:165 Resp: 854
Ion Ratio Lower Upper
165 100
63 79.0 35.8 53.6#
89 0.0 38.7 58.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#52

Acenaphthene

Concen: 0.314 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

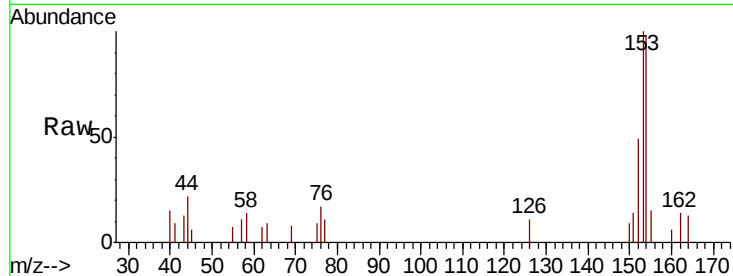
Tot Ion:154 Resp: 3590

Ion Ratio Lower Upper

154 100

153 102.1 89.4 134.0

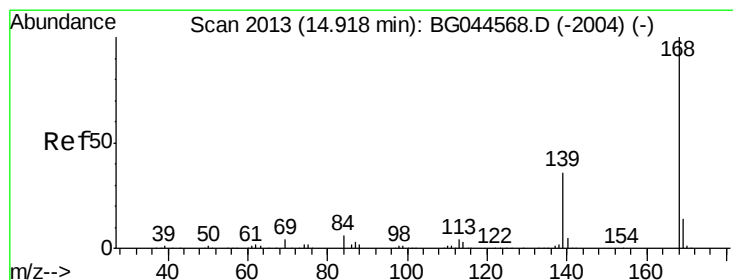
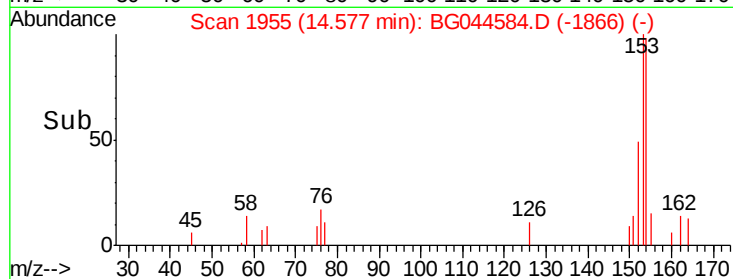
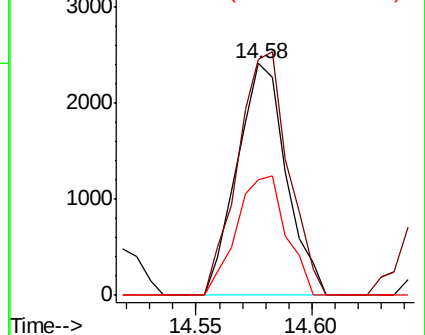
152 50.0 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 0.712 ng

RT: 14.92 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

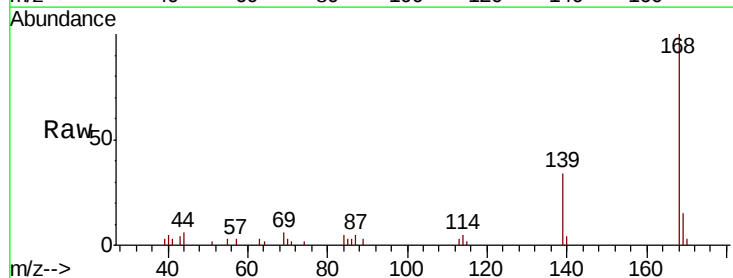
Tgt Ion:168 Resp: 12477

Ion Ratio Lower Upper

168 100

139 34.1 29.2 43.8

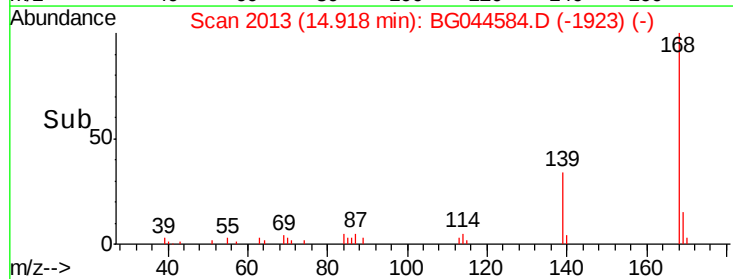
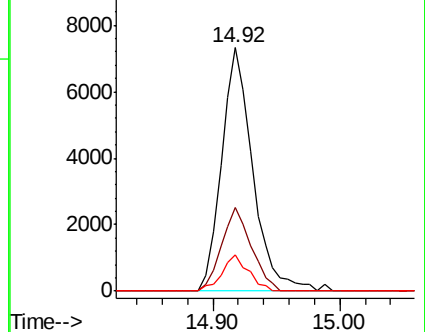
169 14.9 11.0 16.6

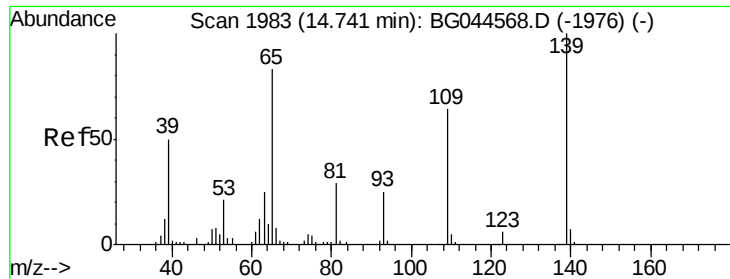


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

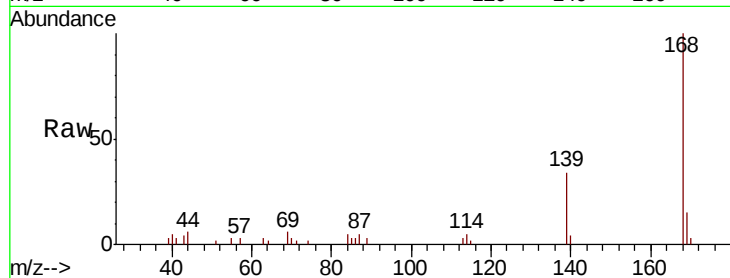




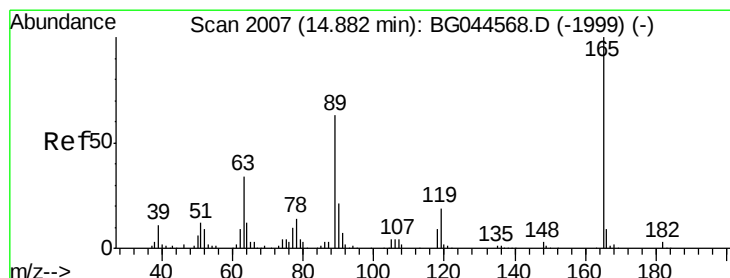
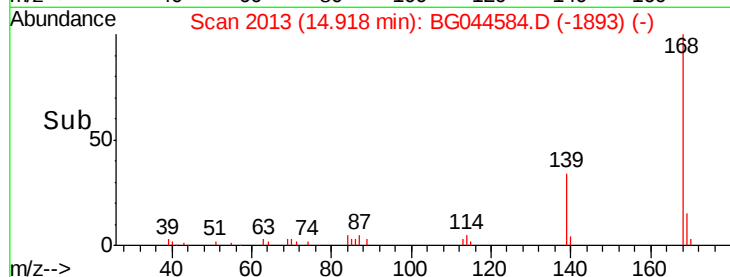
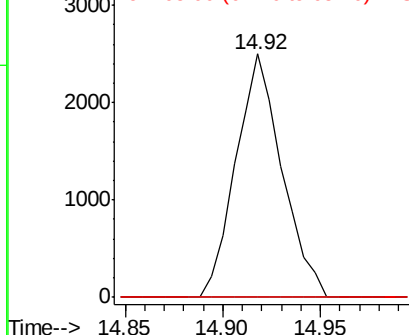
#56
4-Nitrophenol
Concen: 1.649 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.18 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 4078
Ion Ratio Lower Upper
139 100
109 0.0 43.8 83.8#
65 0.0 63.6 103.6#

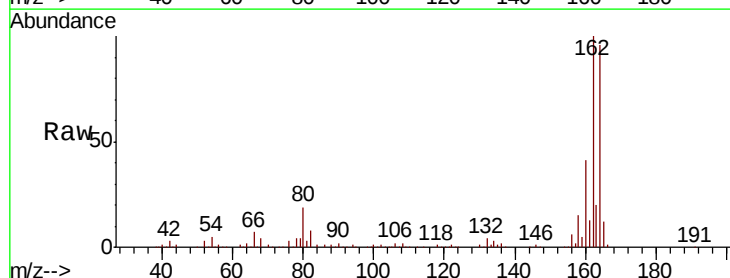


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

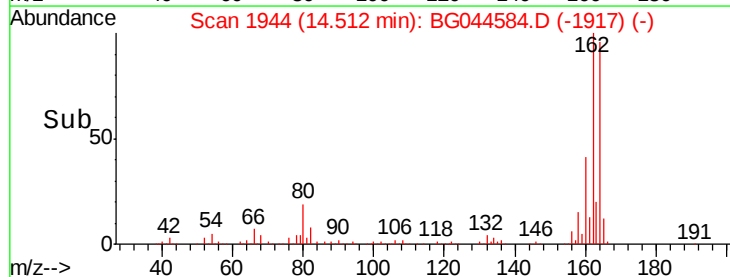
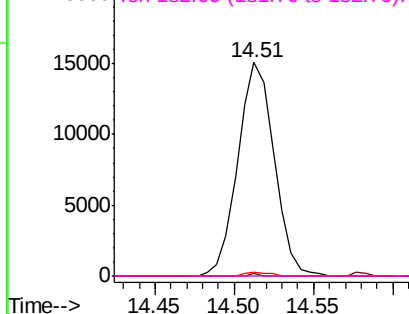


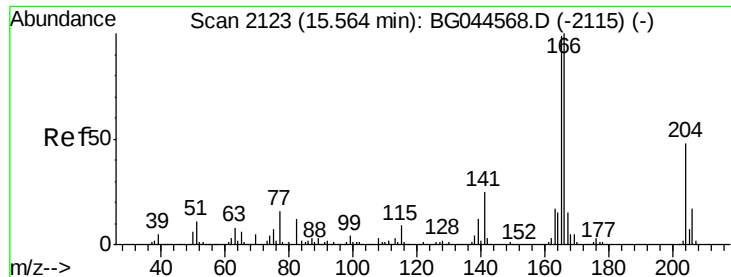
#57
2,4-Dinitrotoluene
Concen: 5.119 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.37 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

Tgt Ion:165 Resp: 23992
Ion Ratio Lower Upper
165 100
63 1.4 27.5 41.3#
89 1.7 50.0 75.0#
182 0.0 2.3 3.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

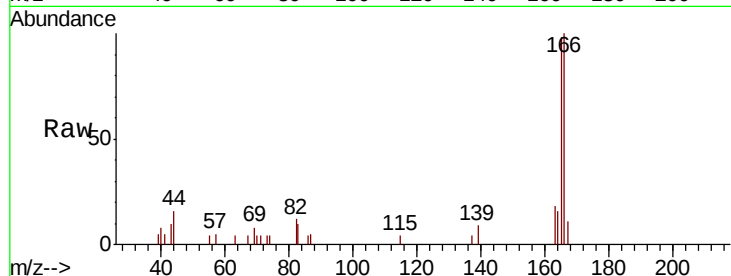




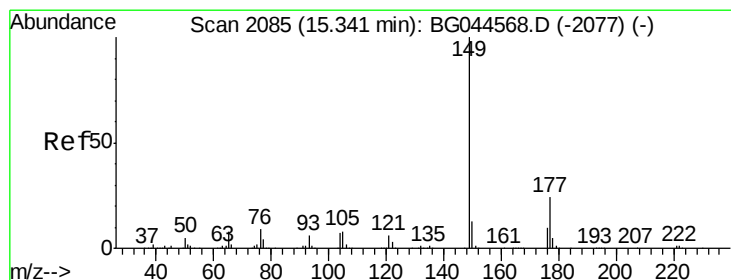
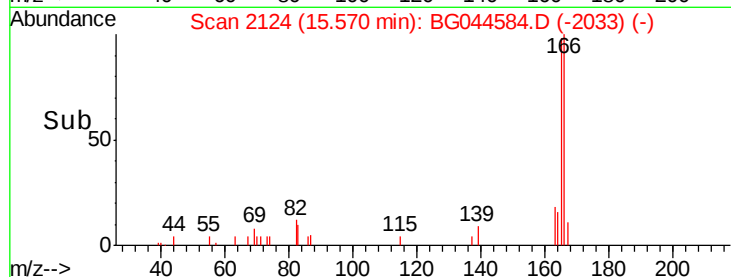
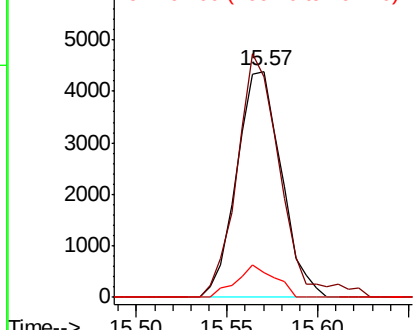
#58
 Fluorene
 Concen: 0.540 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. 0.01 min
 Lab File: BG044584.D
 Acq: 25 Feb 2020 19:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 7502
 Ion Ratio Lower Upper
 166 100
 165 97.6 79.2 118.8
 167 11.1 11.7 17.5#

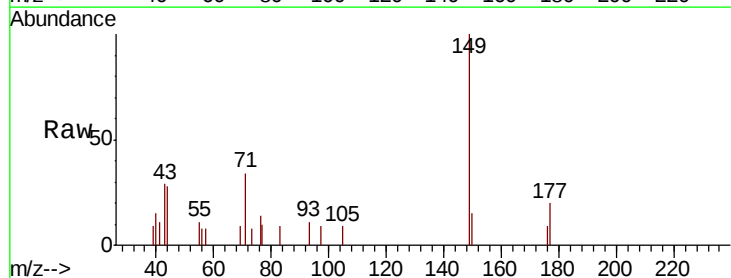


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

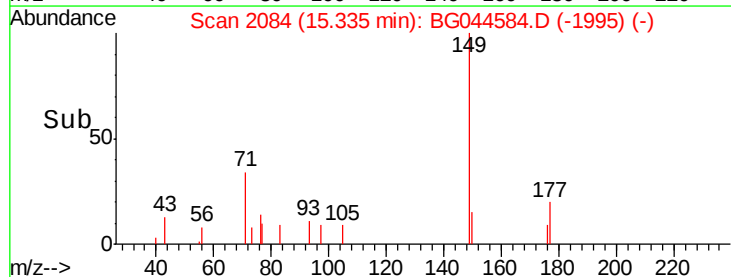
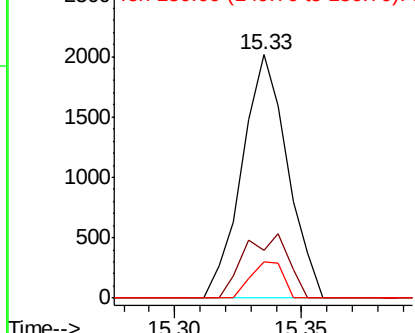


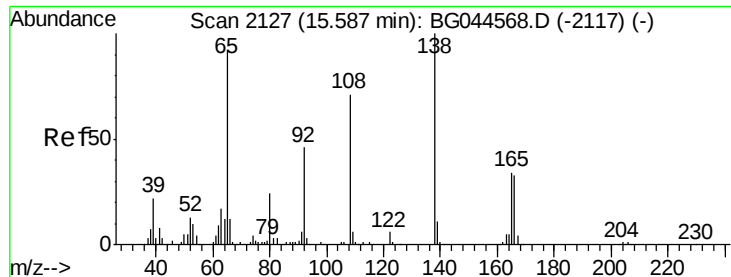
#60
 Diethylphthalate
 Concen: 0.168 ng
 RT: 15.33 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG044584.D
 Acq: 25 Feb 2020 19:55

Tgt Ion:149 Resp: 2520
 Ion Ratio Lower Upper
 149 100
 177 19.8 19.2 28.8
 150 14.9 10.2 15.4



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

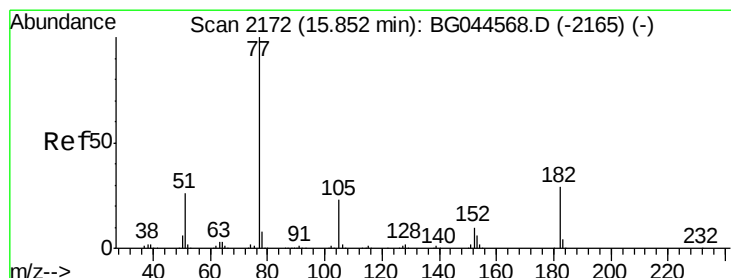
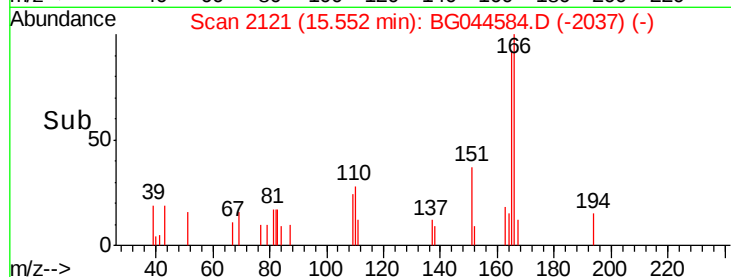
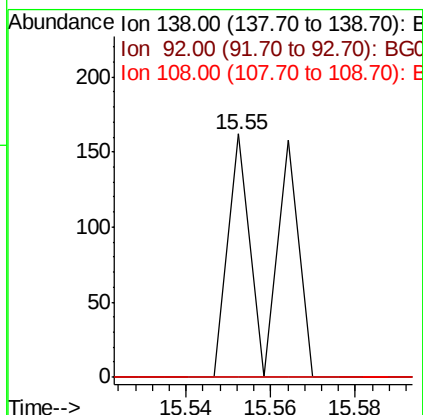
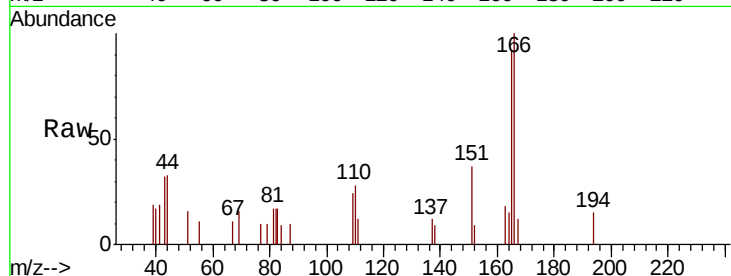




#62
4-Nitroaniline
Concen: 0.031 ng
RT: 15.55 min Scan# 2121
Delta R.T. -0.04 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

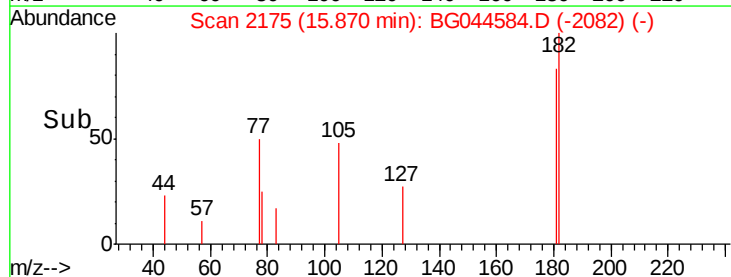
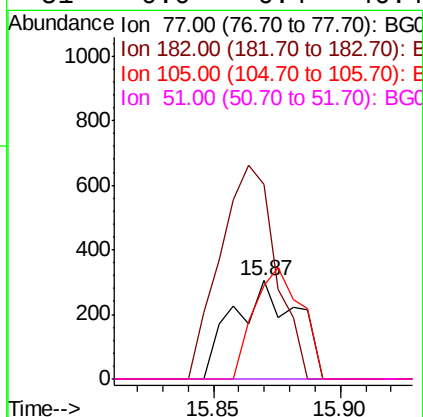
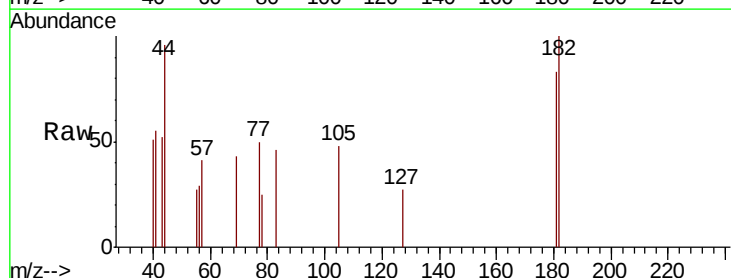
Instrument :
BNA_G
ClientSampleId :

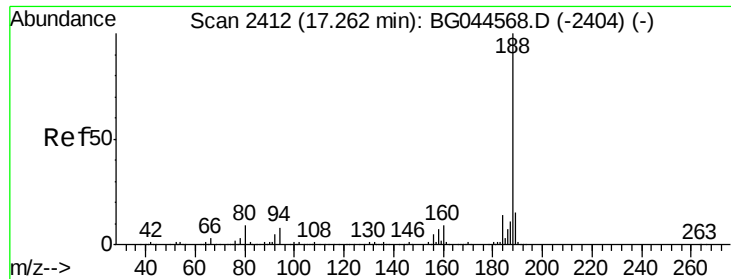
Tot Ion:138 Resp: 113
Ion Ratio Lower Upper
138 100
92 0.0 26.4 66.4#
108 0.0 50.5 90.5#



#63
Azobenzene
Concen: 0.042 ng
RT: 15.87 min Scan# 2175
Delta R.T. 0.02 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

Tgt Ion: 77 Resp: 529
Ion Ratio Lower Upper
77 100
182 198.0 9.4 49.4#
105 95.1 3.4 43.4#
51 0.0 6.4 46.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

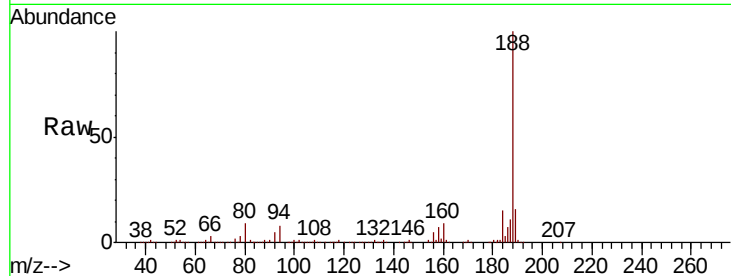
Tot Ion:188 Resp: 431573

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

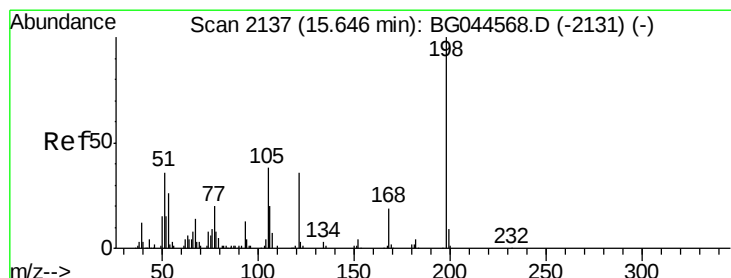
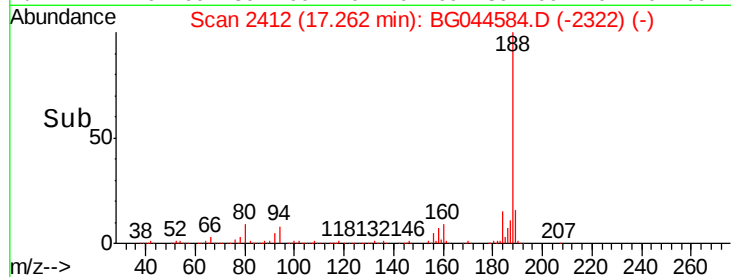
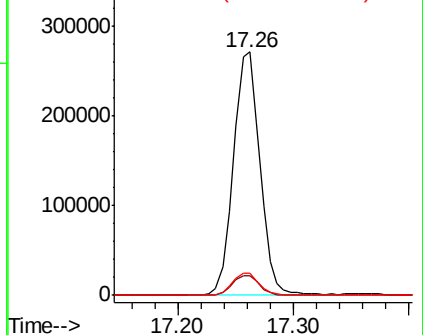
80 9.0 7.6 11.4



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: 0.326 ng

RT: 16.00 min Scan# 2197

Delta R.T. 0.35 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

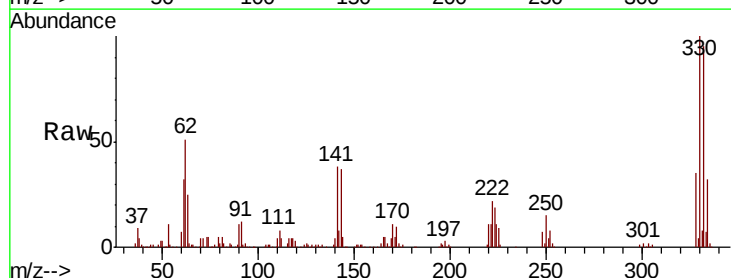
Tgt Ion:198 Resp: 871

Ion Ratio Lower Upper

198 100

51 118.2 17.0 57.0#

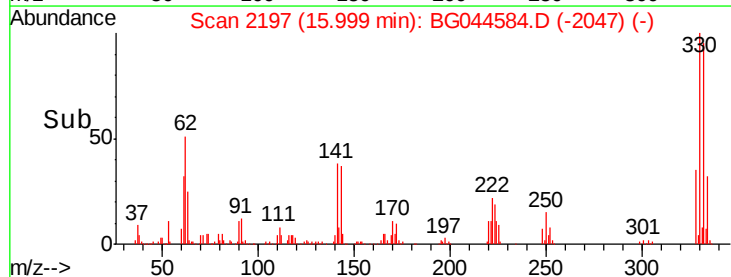
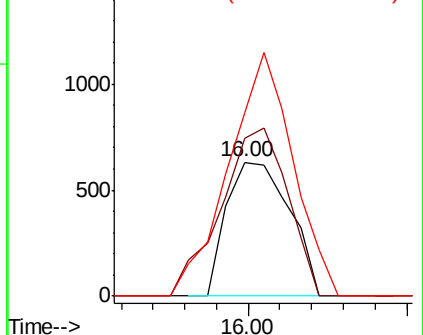
105 137.1 18.4 58.4#

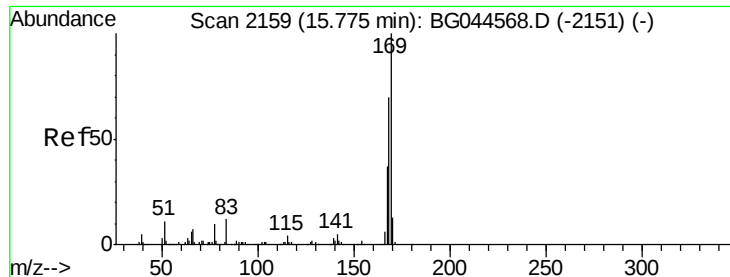


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

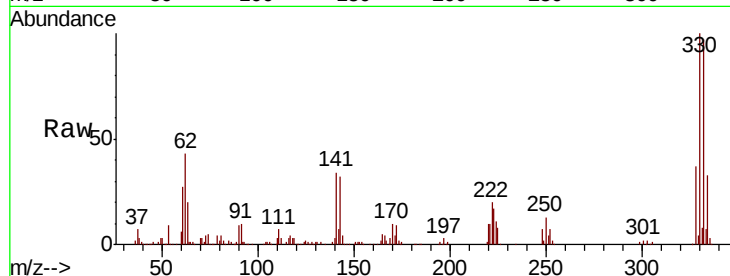




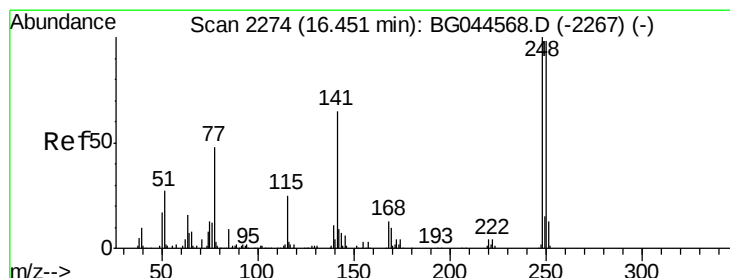
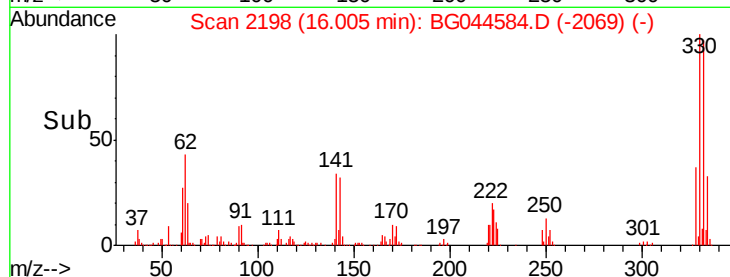
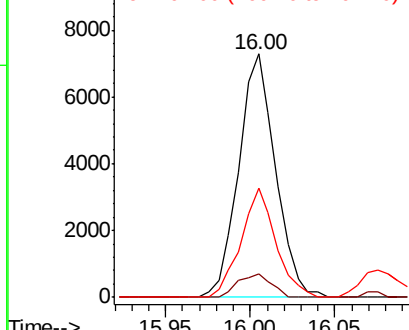
#66
 n-Nitrosodiphenylamine
 Concen: 0.821 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. 0.23 min
 Lab File: BG044584.D
 Acq: 25 Feb 2020 19:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 11052
 Ion Ratio Lower Upper
 169 100
 168 9.6 56.1 84.1#
 167 45.0 29.4 44.0#

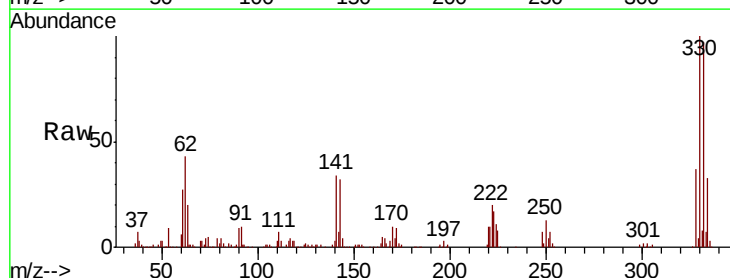


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

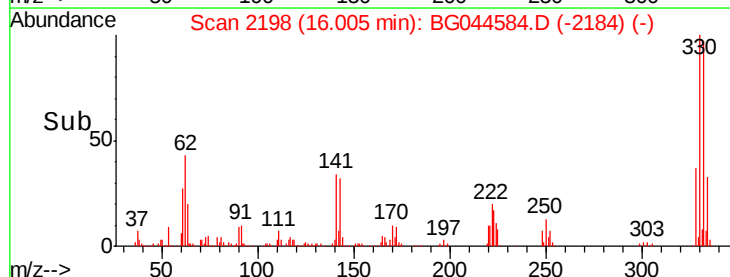
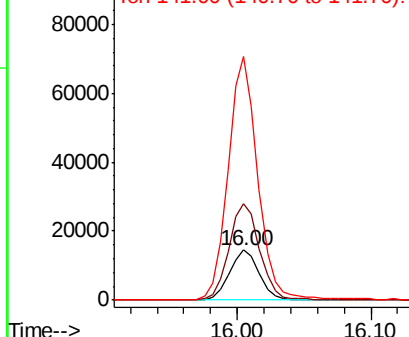


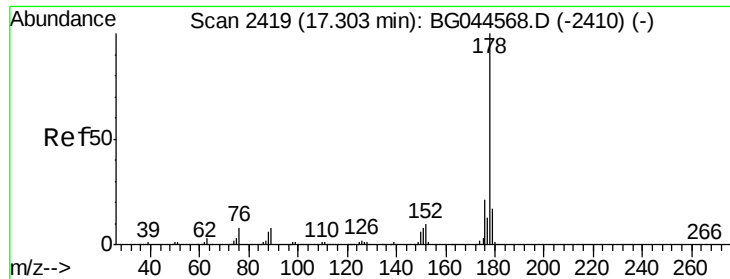
#67
 4-Bromophenyl-phenylether
 Concen: 4.196 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG044584.D
 Acq: 25 Feb 2020 19:55

Tgt Ion:248 Resp: 22476
 Ion Ratio Lower Upper
 248 100
 250 193.7 78.7 118.1#
 141 487.0 52.3 78.5#



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





#71

Phenanthrene

Concen: 1.265 ng

RT: 17.30 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

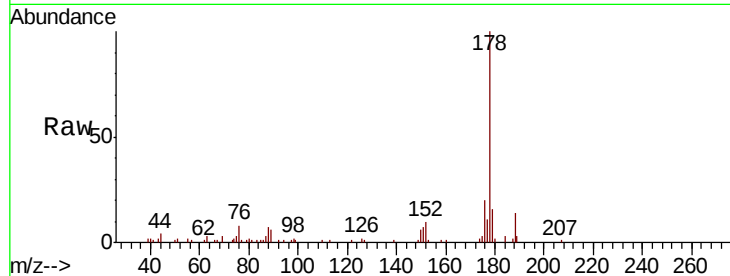
Tot Ion:178 Resp: 30222

Ion Ratio Lower Upper

178 100

176 19.6 16.6 25.0

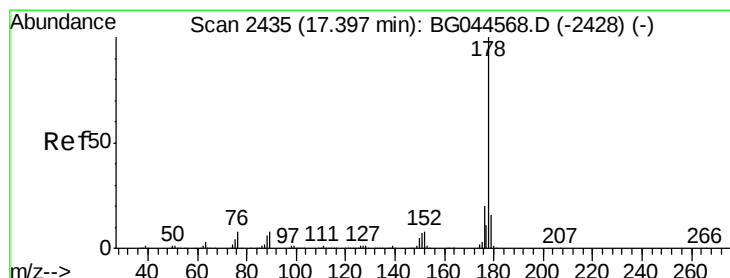
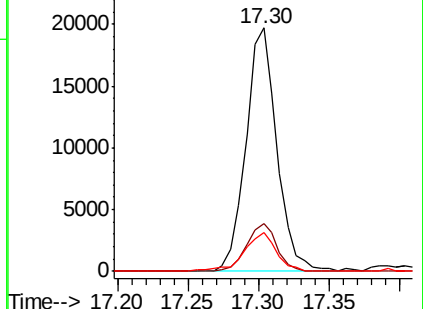
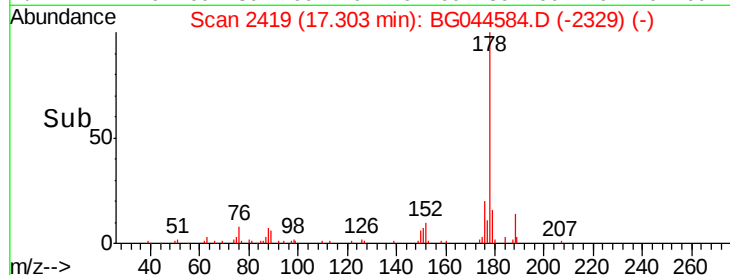
179 15.7 13.3 19.9



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: 1.284 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.09 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

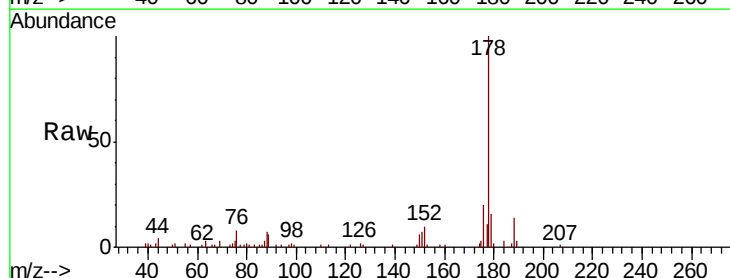
Tgt Ion:178 Resp: 30222

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

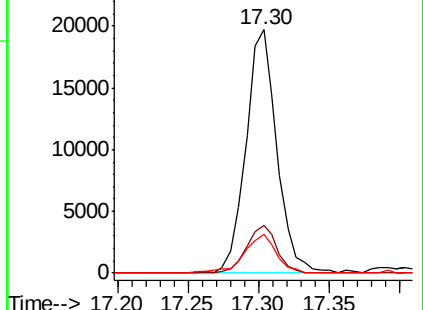
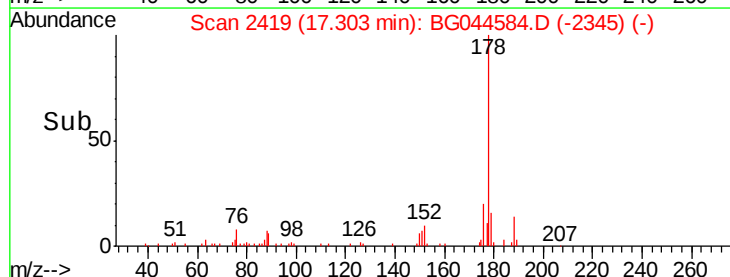
179 15.7 13.1 19.7

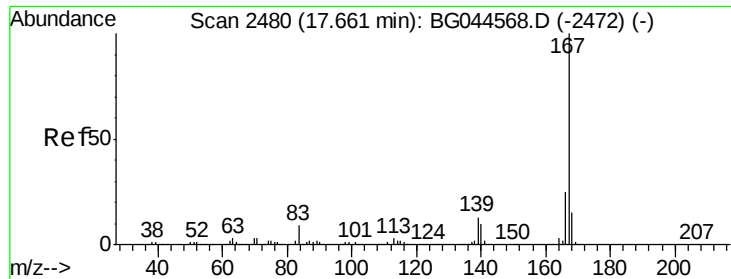


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 0.447 ng

RT: 17.67 min Scan# 2482

Delta R.T. 0.01 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

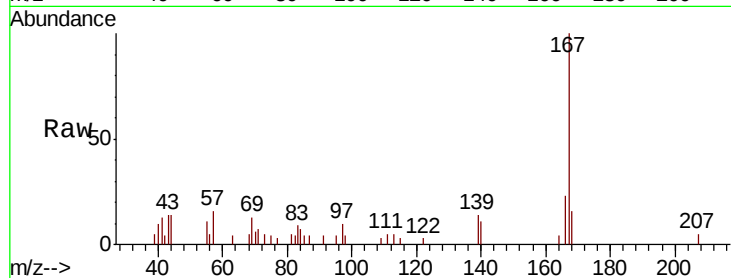
Tot Ion:167 Resp: 9582

Ion Ratio Lower Upper

167 100

166 22.8 19.7 29.5

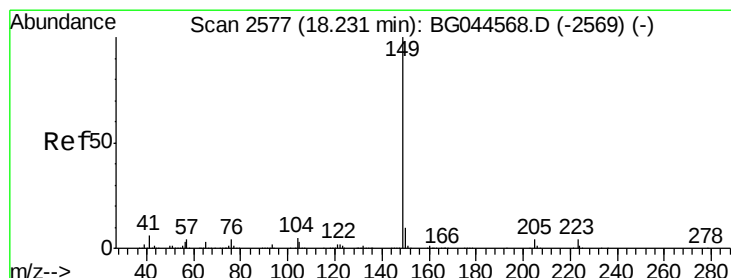
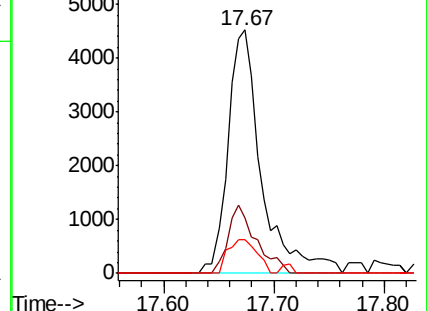
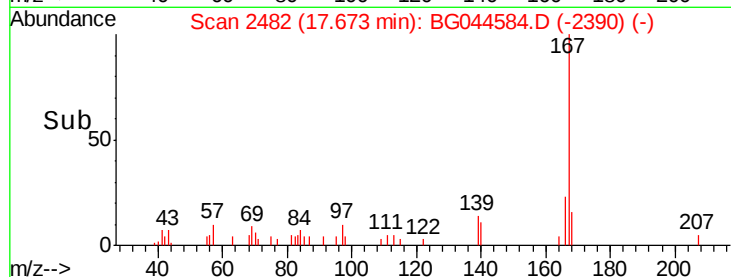
139 14.0 10.6 15.8



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: 0.136 ng

RT: 18.23 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

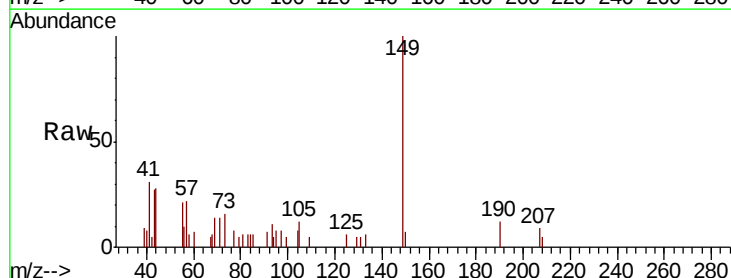
Tgt Ion:149 Resp: 3643

Ion Ratio Lower Upper

149 100

150 6.9 7.8 11.8#

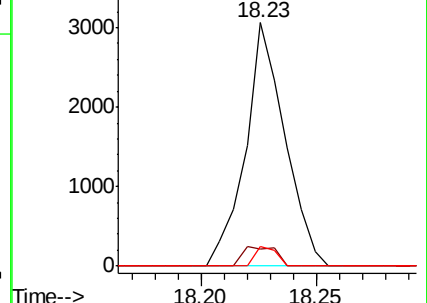
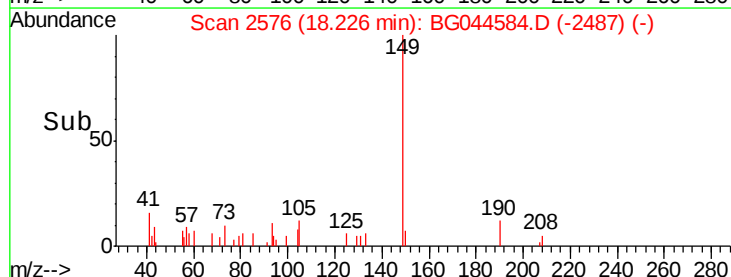
104 8.2 4.0 6.0#

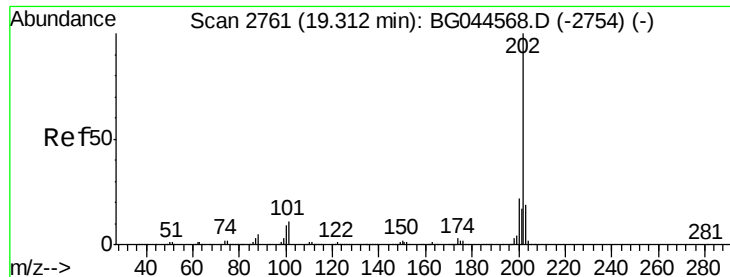


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.162 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.01 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

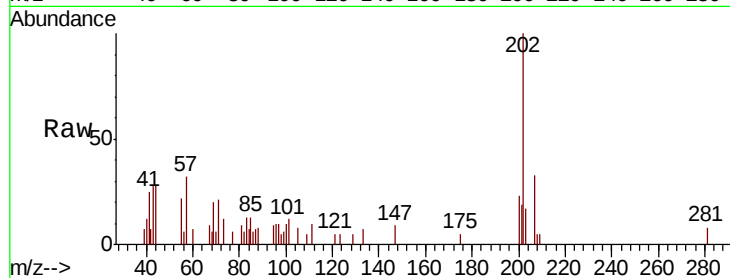
Tot Ion:202 Resp: 4586

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.0

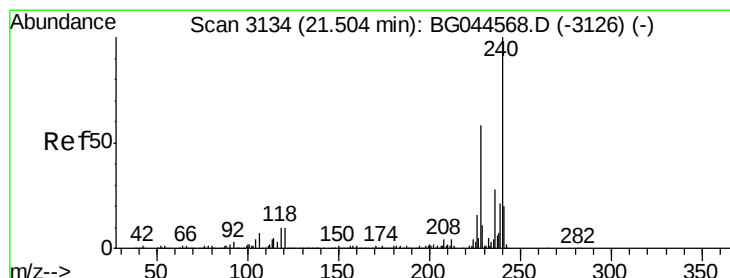
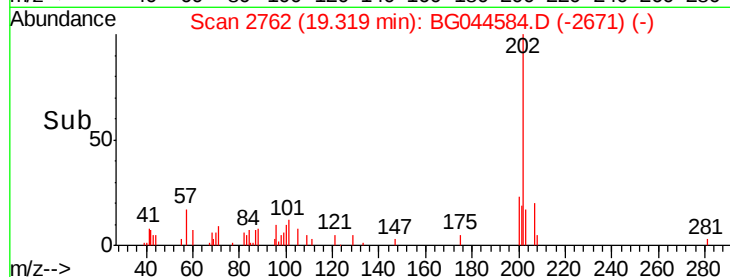
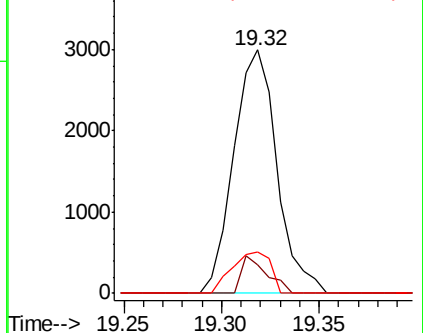
203 17.2 0.0 39.2



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: 21.50 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

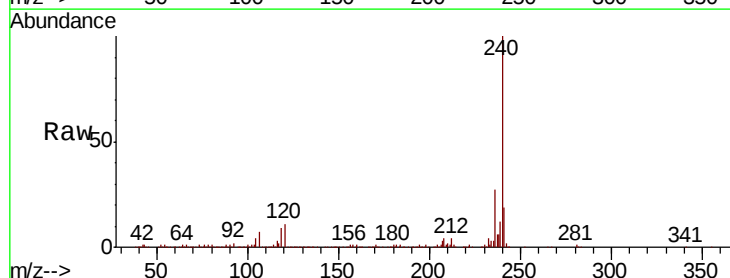
Tgt Ion:240 Resp: 421322

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

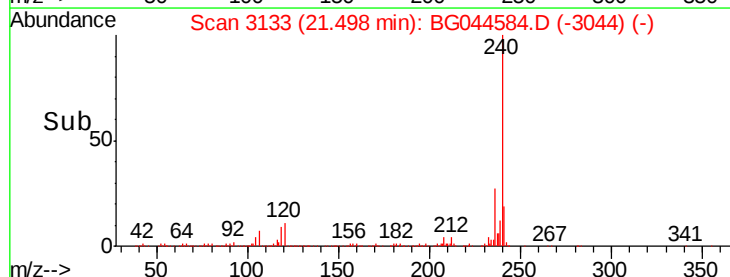
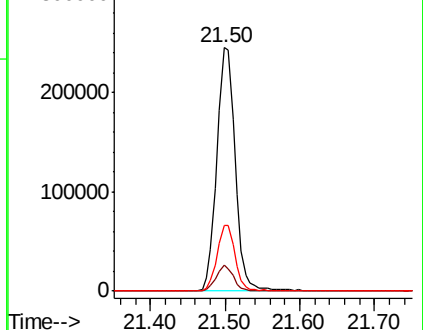
236 27.0 22.3 33.5

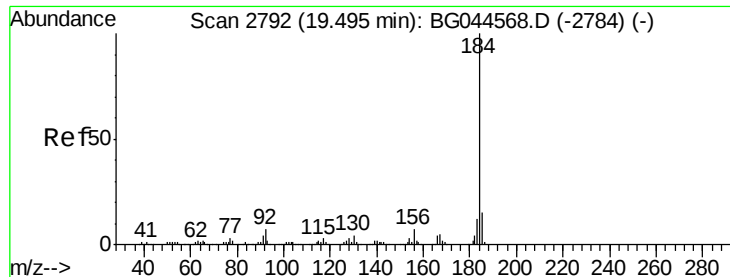


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.602 ng

RT: 19.88 min Scan# 2857

Delta R.T. 0.38 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampleId :

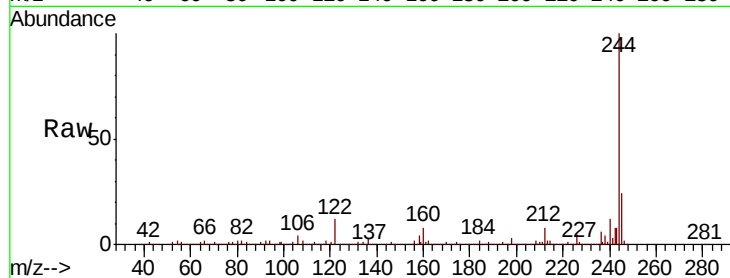
Tot Ion:184 Resp: 23119

Ion Ratio Lower Upper

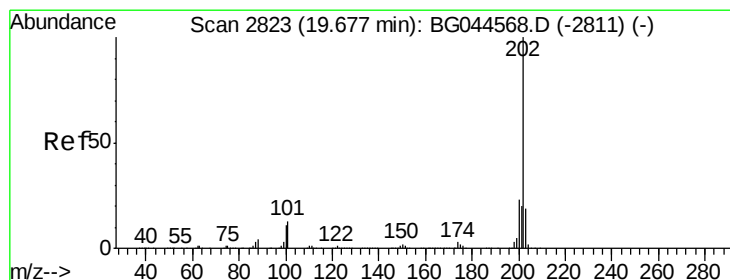
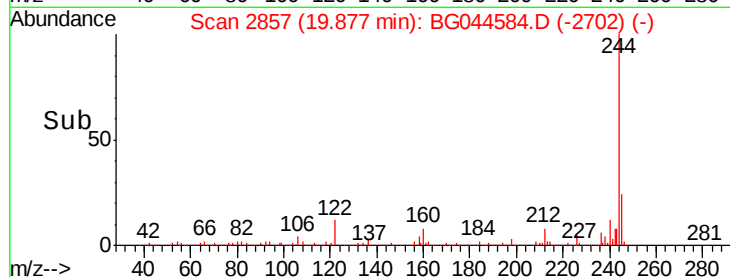
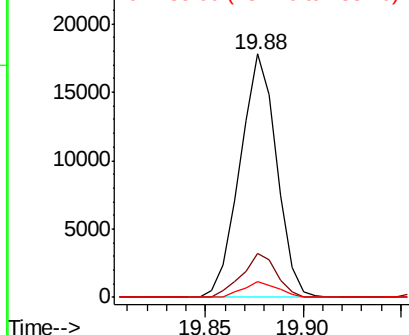
184 100

185 17.9 12.2 18.4

183 6.6 9.9 14.9#



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: 0.095 ng

RT: 19.68 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

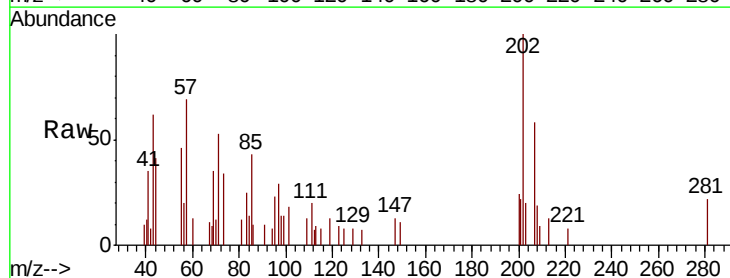
Tgt Ion:202 Resp: 2891

Ion Ratio Lower Upper

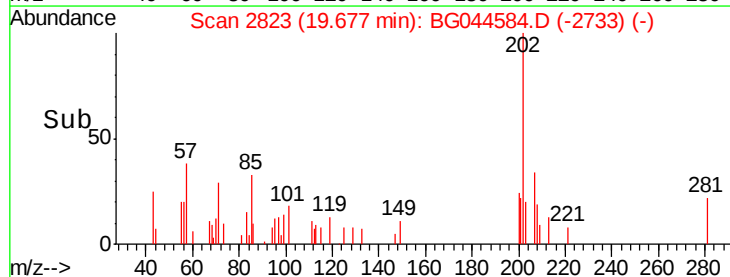
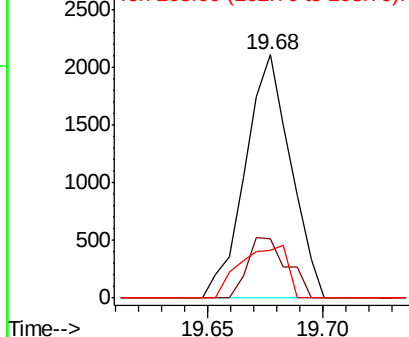
202 100

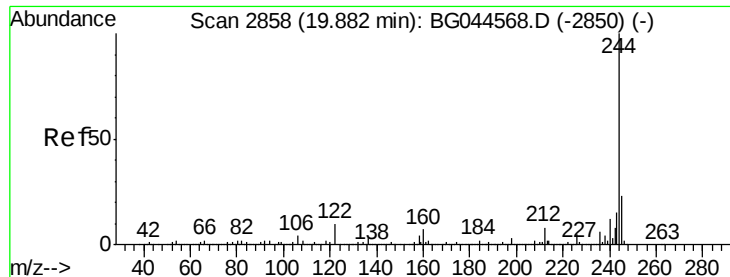
200 24.5 18.6 28.0

203 19.7 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.003 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampled :

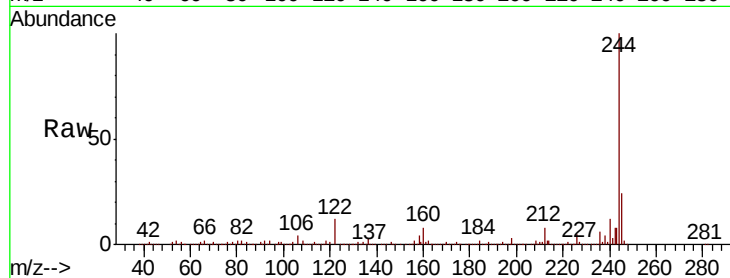
Tot Ion:244 Resp: 1513475

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

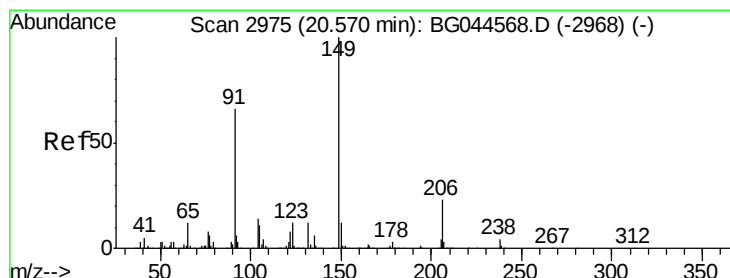
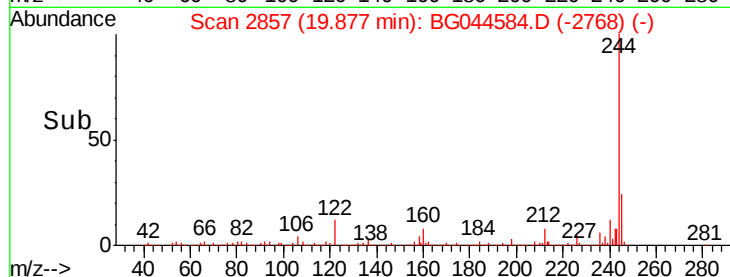
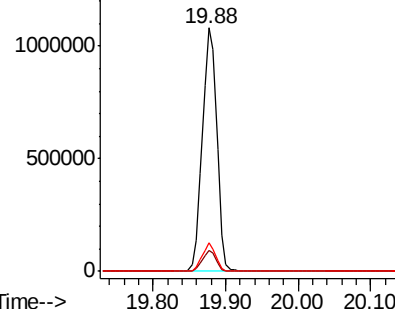
122 11.5 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.083 ng

RT: 20.57 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

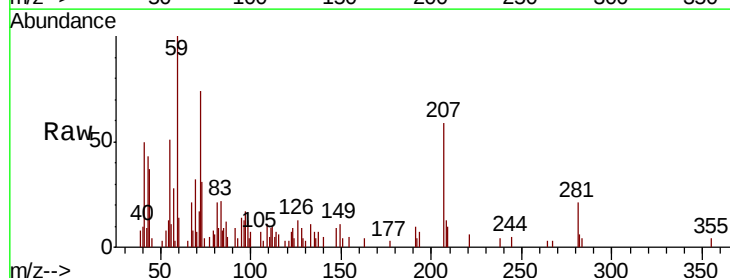
Tgt Ion:149 Resp: 1111

Ion Ratio Lower Upper

149 100

91 84.6 52.7 79.1#

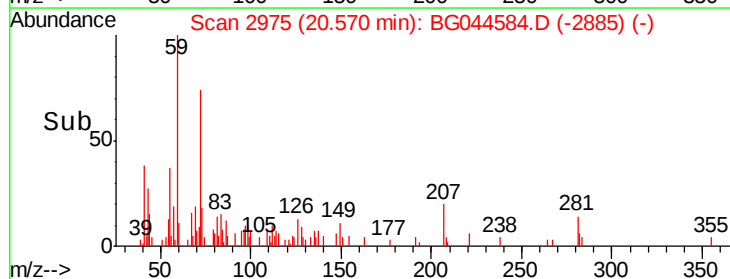
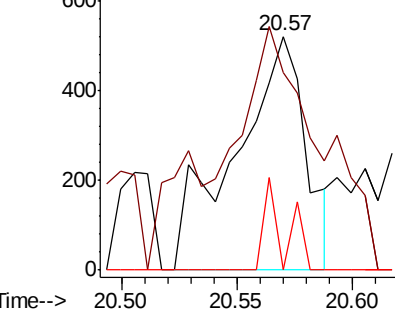
206 0.0 18.6 28.0#

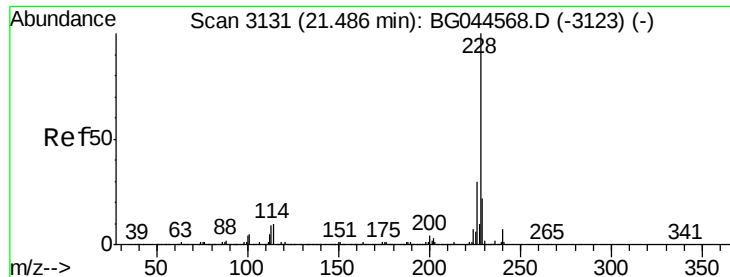


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.047 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.02 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampled :

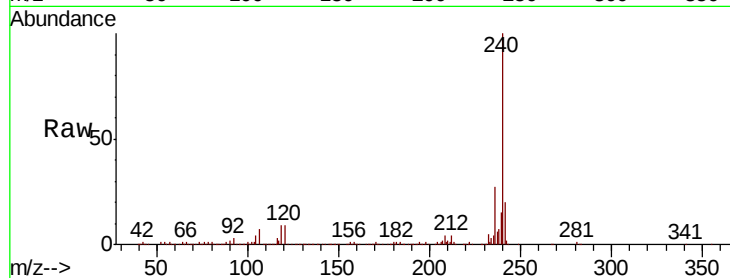
Tot Ion:228 Resp: 1404

Ion Ratio Lower Upper

228 100

226 0.0 23.8 35.8#

229 46.5 17.2 25.8#

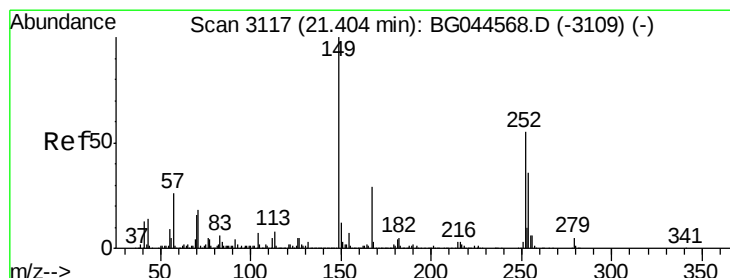
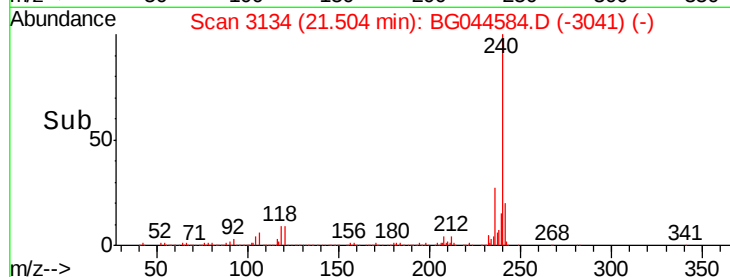
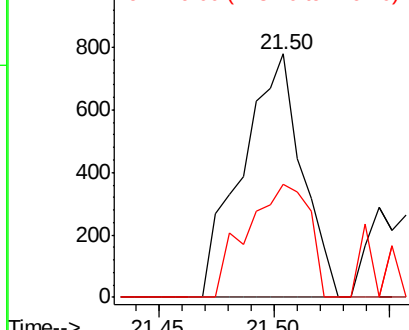


Abundance

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: 0.022 ng

RT: 21.41 min Scan# 3118

Delta R.T. 0.01 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

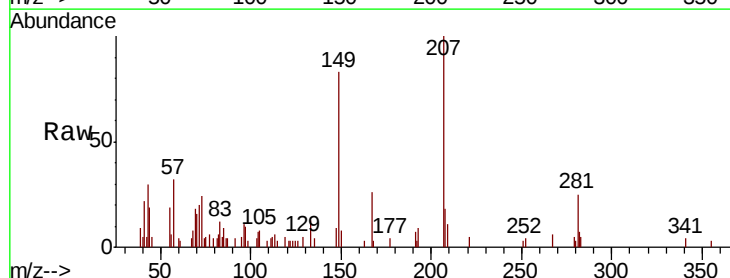
Tgt Ion:252 Resp: 260

Ion Ratio Lower Upper

252 100

254 0.0 51.5 77.3#

126 79.5 7.8 11.6#

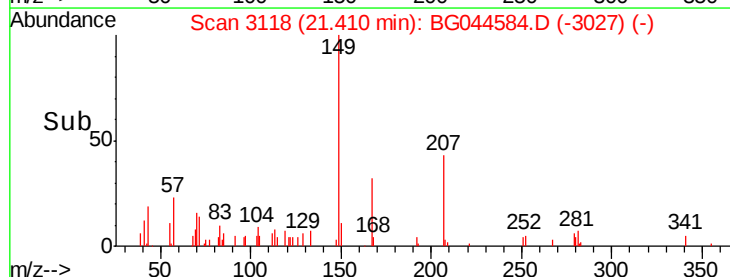
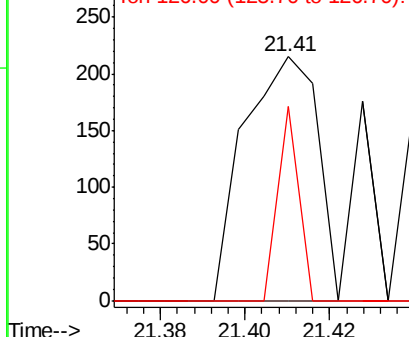


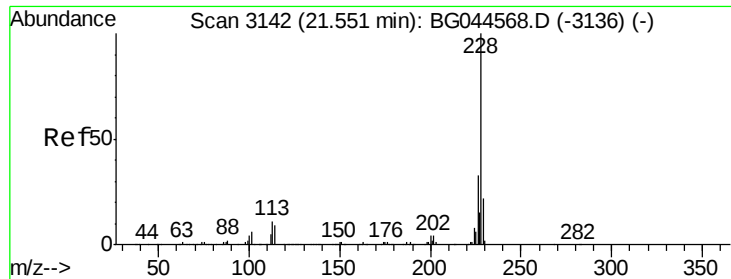
Abundance

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

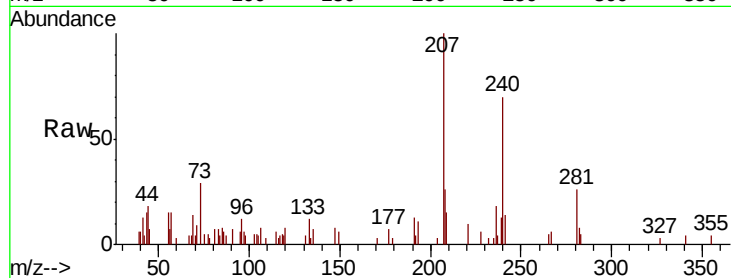




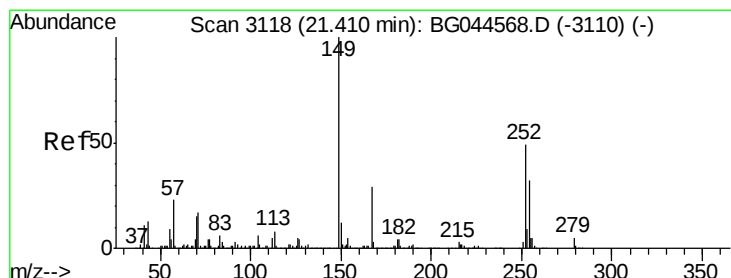
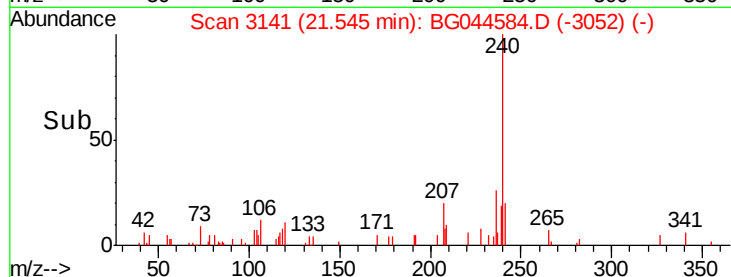
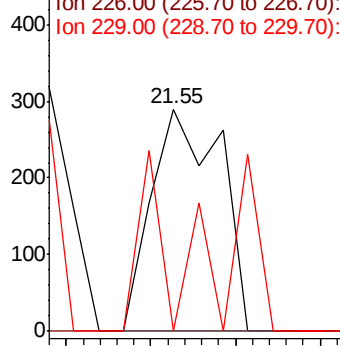
#83
 Chrysene
 Concen: 0.012 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG044584.D
 Acq: 25 Feb 2020 19:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 330
 Ion Ratio Lower Upper
 228 100
 226 0.0 26.1 39.1#
 229 0.0 17.2 25.8#

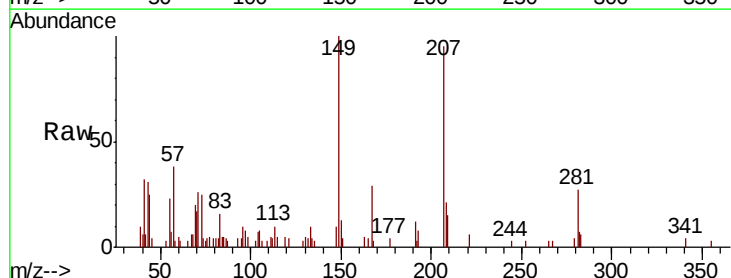


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

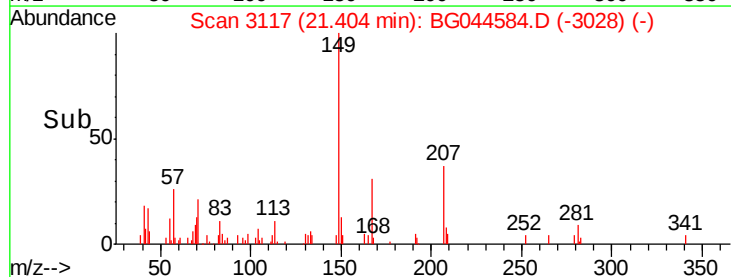
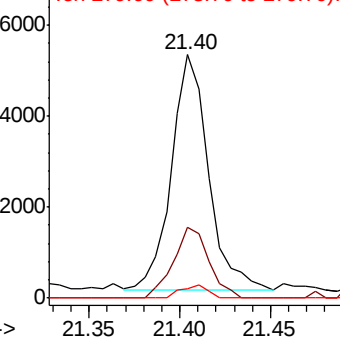


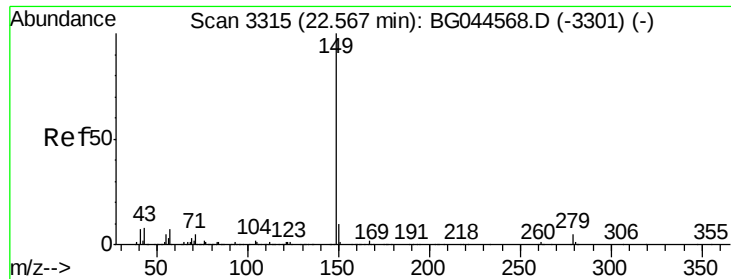
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.399 ng
 RT: 21.40 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG044584.D
 Acq: 25 Feb 2020 19:55

Tgt Ion:149 Resp: 7347
 Ion Ratio Lower Upper
 149 100
 167 29.3 23.4 35.0
 279 3.8 4.2 6.4#



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: 0.057 ng

RT: 22.56 min Scan# 3313

Delta R.T. -0.01 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampled :

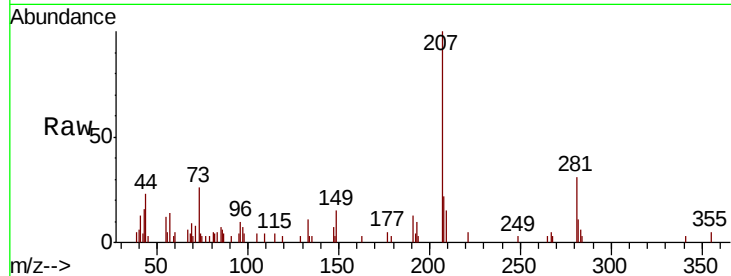
Tot Ion:149 Resp: 1836

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

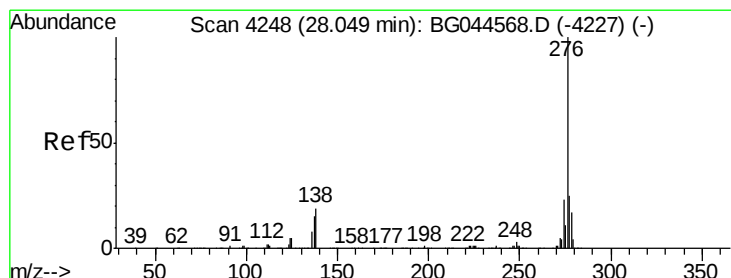
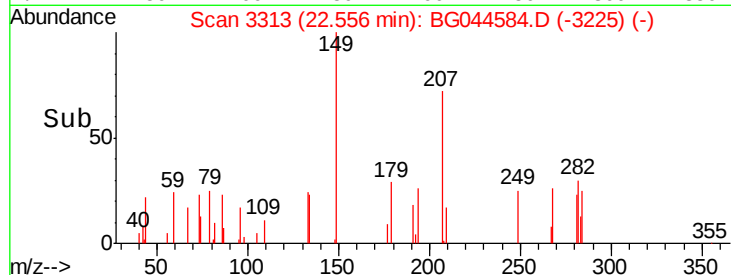
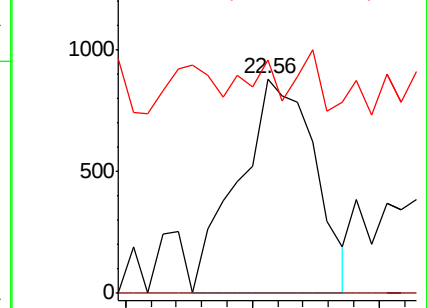
43 0.0 6.6 10.0#



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 28.08 min Scan# 4253

Delta R.T. 0.03 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

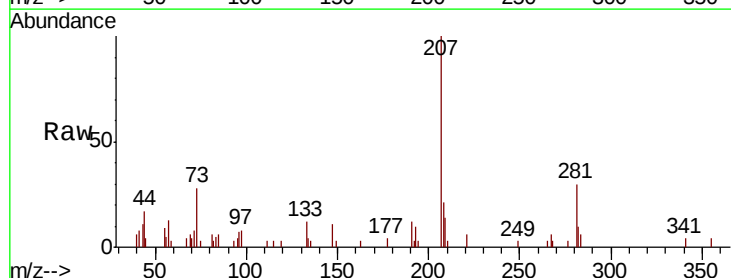
Tgt Ion:276 Resp: 69

Ion Ratio Lower Upper

276 100

138 0.0 18.2 27.4#

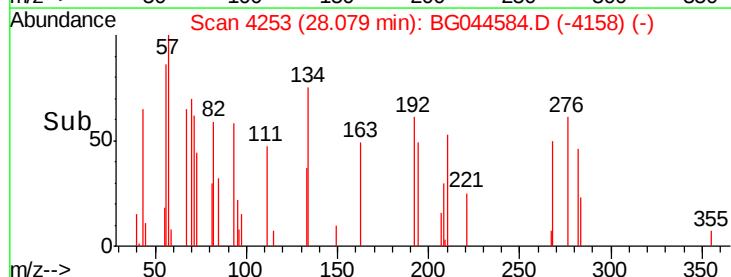
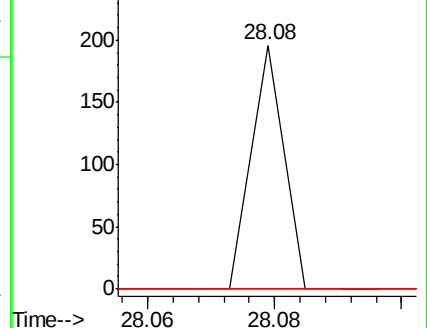
277 0.0 20.7 31.1#

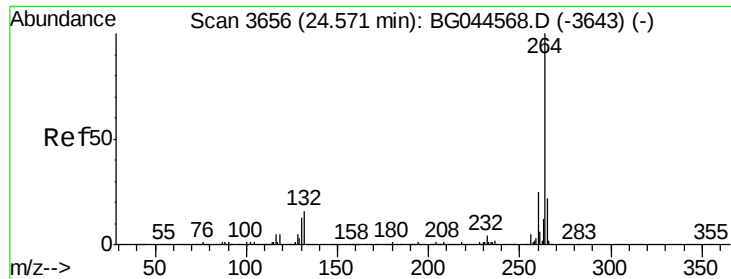


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.57 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

Instrument :

BNA_G

ClientSampled :

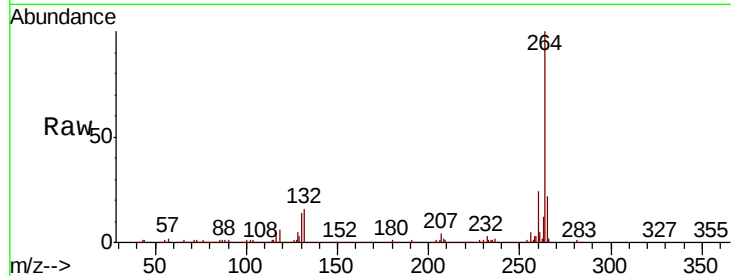
Tot Ion:264 Resp: 433697

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 22.2 17.8 26.8

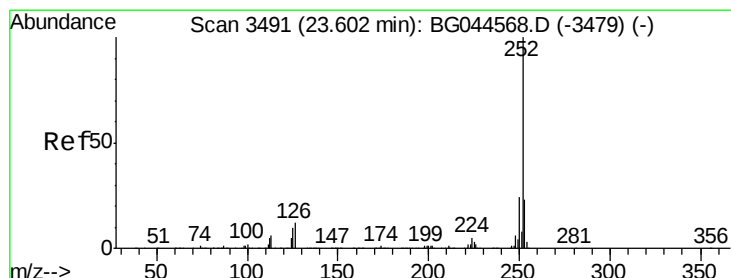
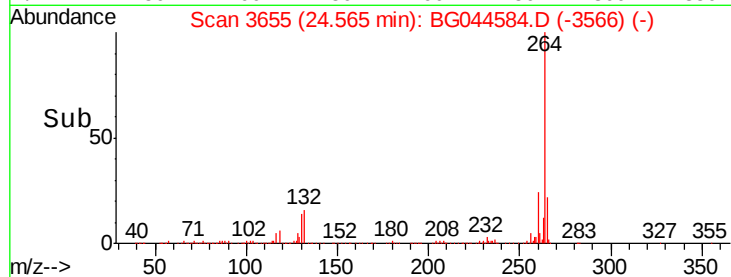
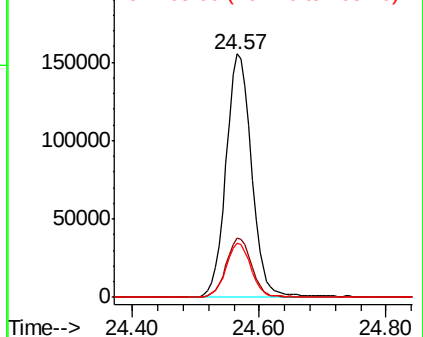


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 0.029 ng

RT: 23.61 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BG044584.D

Acq: 25 Feb 2020 19:55

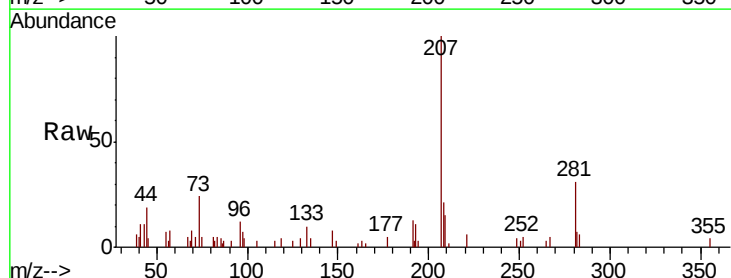
Tgt Ion:252 Resp: 814

Ion Ratio Lower Upper

252 100

253 0.0 18.4 27.6#

125 57.1 7.9 11.9#

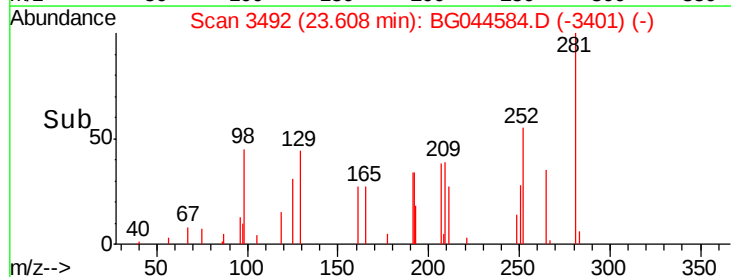
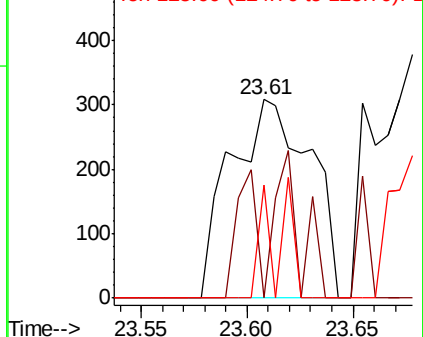


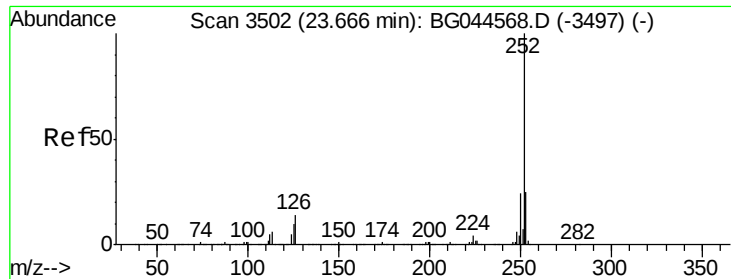
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

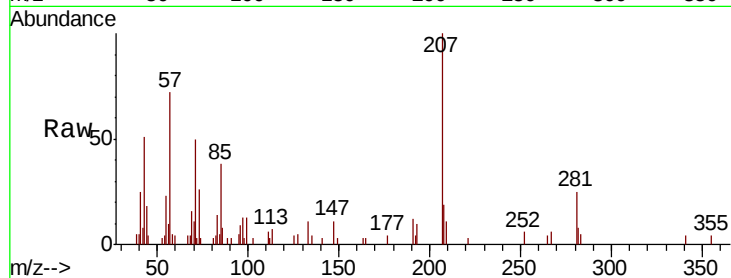




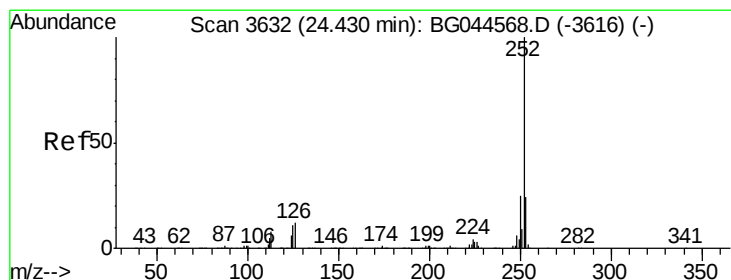
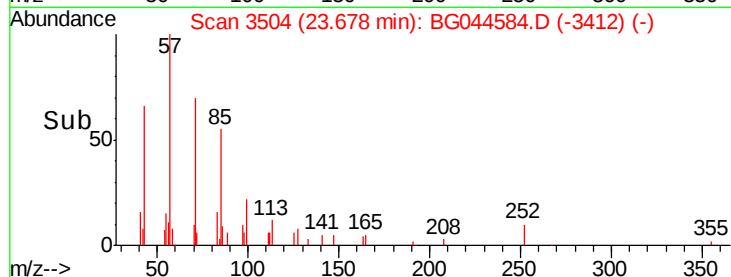
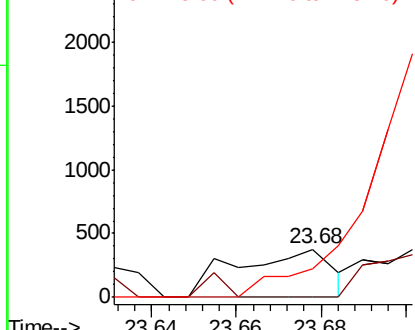
#89
Benzo(k)fluoranthene
Concen: 0.021 ng
RT: 23.68 min Scan# 3504
Delta R.T. 0.01 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 590
Ion Ratio Lower Upper
252 100
253 0.0 19.0 28.6#
125 58.5 7.8 11.8#

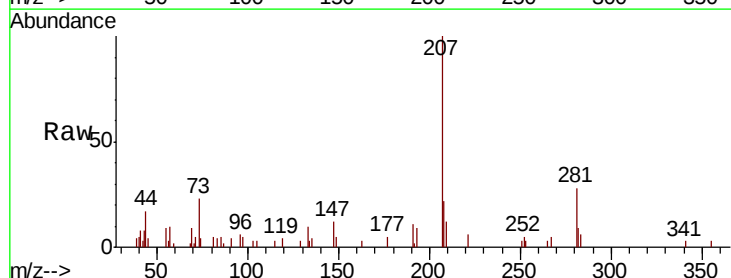


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

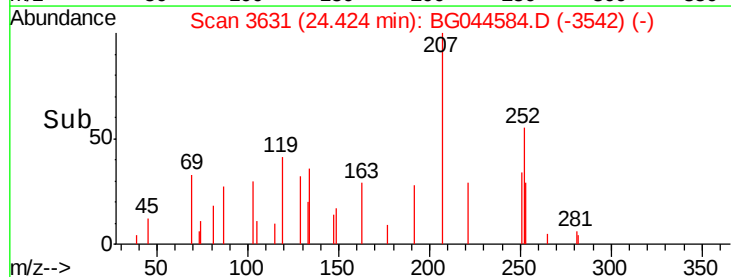
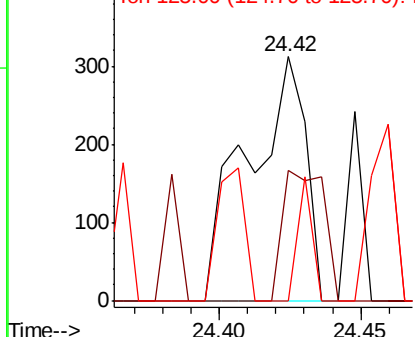


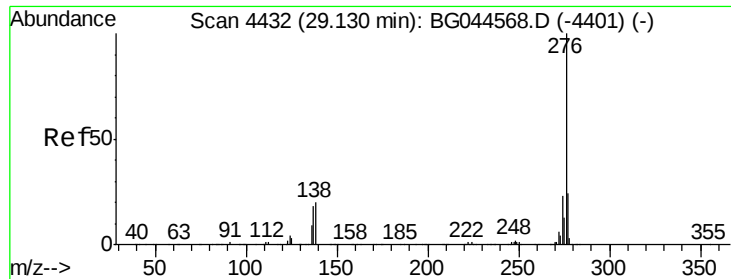
#90
Benzo(a)pyrene
Concen: 0.017 ng
RT: 24.42 min Scan# 3631
Delta R.T. -0.01 min
Lab File: BG044584.D
Acq: 25 Feb 2020 19:55

Tgt Ion:252 Resp: 445
Ion Ratio Lower Upper
252 100
253 53.5 19.0 28.4#
125 0.0 8.5 12.7#



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

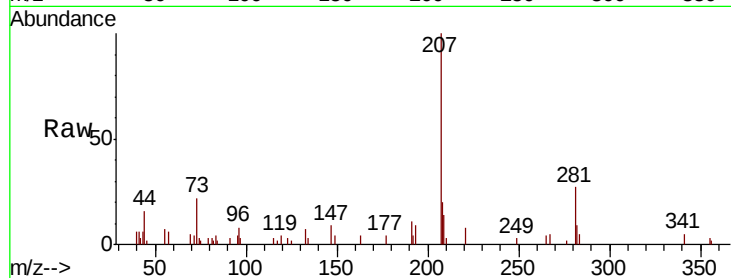




#92
 Benzo(a,h,i)perylene
 Concen: 0.002 ng
 RT: 29.13 min Scan# 4432
 Delta R.T. 0.00 min
 Lab File: BG044584.D
 Acq: 25 Feb 2020 19:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.5	29.3#
138	0.0	16.1	24.1#



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

