

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044589.D
 Acq On : 25 Feb 2020 23:13
 Operator : CG/JU
 Sample : L1669-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 05:03:39 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	66272	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	264273	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	180750	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	431323	20.00	ng	0.00
76) Chrysene-d12	21.50	240	435132	20.00	ng	0.00
87) Perylene-d12	24.57	264	459332	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	396346	95.96	ng	0.00
7) Phenol-d6	7.05	99	510490	90.29	ng	0.00
23) Nitrobenzene-d5	9.03	82	303197	59.11	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	231991	90.52	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	757462	60.01	ng	0.00
79) Terphenyl-d14	19.88	244	1366139	59.43	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	123	0.068	ng	# 1
4) n-Nitrosodimethylamine	3.62	42	54	0.028	ng	# 1
9) Benzaldehyde	7.05	77	736	0.221	ng	# 1
10) Phenol	7.07	94	5375	0.981	ng	# 55
15) Benzyl Alcohol	8.19	79	5114	1.341	ng	# 50
19) n-Nitroso-di-n-propylamine	9.03	70	39181	10.781	ng	# 79
24) Nitrobenzene	9.04	77	868	0.175	ng	# 33
25) Isophorone	9.63	82	190	0.020	ng	# 65
46) 1,1'-Biphenyl	13.34	154	1727	0.115	ng	# 77
48) 2-Nitroaniline	13.97	65	146	0.045	ng	# 1
50) Dimethylphthalate	13.98	163	39503	2.708	ng	100
51) 2,6-Dinitrotoluene	14.51	165	23562	7.323	ng	# 31
52) Acenaphthene	14.52	154	617	0.056	ng	# 5
55) Dibenzofuran	14.92	168	118	0.007	ng	# 46
57) 2,4-Dinitrotoluene	14.51	165	23562	5.209	ng	# 30
58) Fluorene	16.00	166	9659	0.720	ng	# 93
60) Diethylphthalate	15.33	149	172	0.012	ng	# 57
63) Azobenzene	16.00	77	991	0.081	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.00	198	688	0.258	ng	# 1
66) n-Nitrosodiphenylamine	16.00	169	7652	0.569	ng	# 46
67) 4-Bromophenyl-phenylether	16.00	248	15845	2.959	ng	# 1
71) Phenanthrene	17.30	178	1592	0.067	ng	# 77
72) Anthracene	17.30	178	1592	0.068	ng	# 78
74) Di-n-butylphthalate	18.23	149	1454	0.054	ng	# 77
75) Fluoranthene	19.32	202	1972	0.070	ng	85
77) Benzidine	19.88	184	20944	1.405	ng	# 94
78) Pyrene	19.68	202	1795	0.057	ng	96
80) Butylbenzylphthalate	20.58	149	720	0.052	ng	# 76
81) Benzo(a)anthracene	21.55	228	1241	0.041	ng	92
82) 3,3'-Dichlorobenzidine	21.36	252	56	0.005	ng	# 25
83) Chrysene	21.55	228	1241	0.042	ng	# 89
84) Bis(2-ethylhexyl)phthalate	21.40	149	3036	0.159	ng	# 85
85) Di-n-octyl phthalate	22.56	149	1093	0.033	ng	# 79
86) Indeno(1,2,3-cd)pyrene	28.06	276	815	0.021	ng	# 65

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QLast Update : Mon Feb 24 16:11:23 2020
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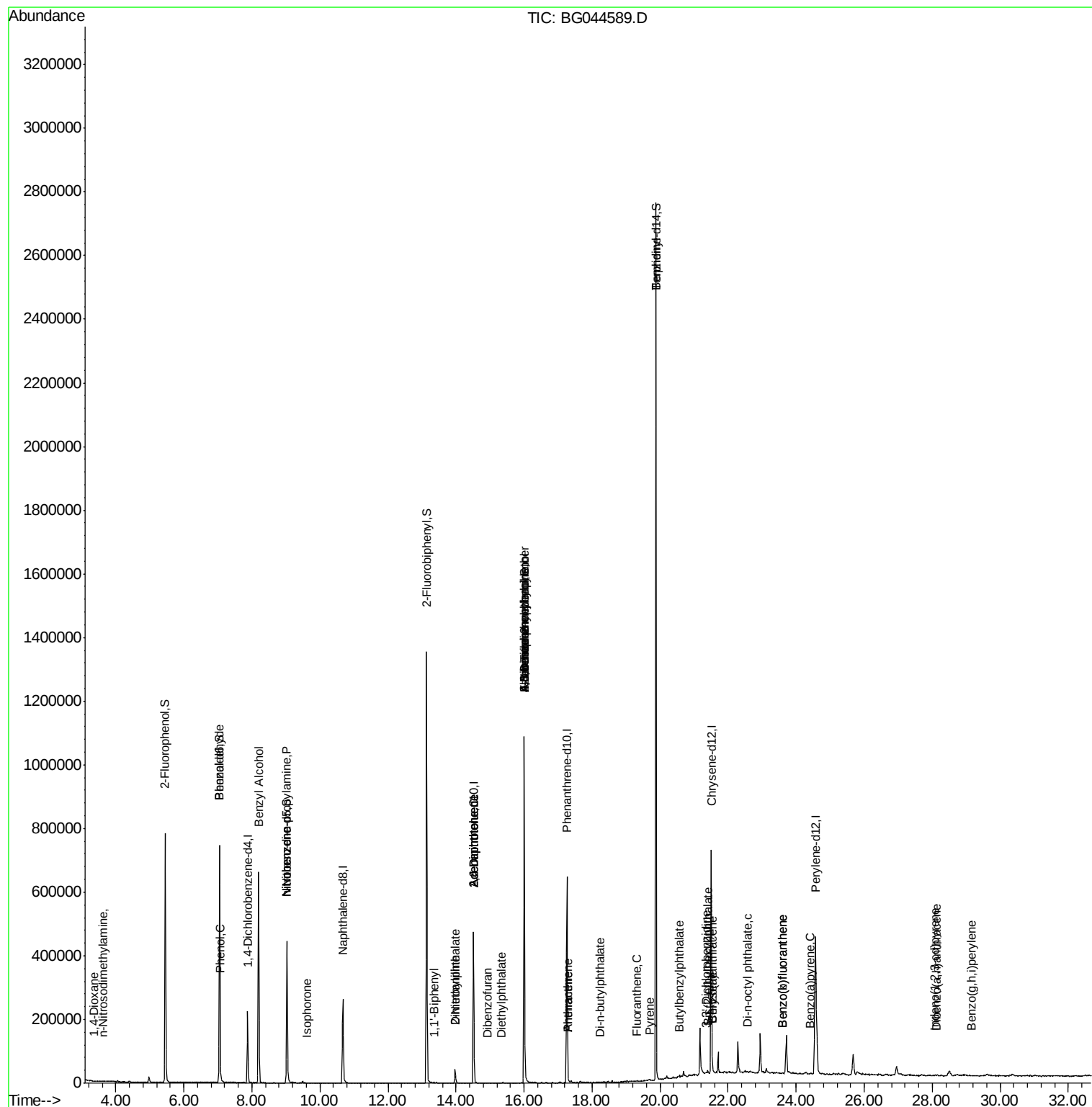
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	23.61	252	2474	0.082	ng	# 80
89) Benzo(k)fluoranthene	23.61	252	2474	0.084	ng	# 79
90) Benzo(a)pyrene	24.42	252	1416	0.050	ng	# 53
91) Dibenzo(a,h)anthracene	28.13	278	56	0.002	ng	# 56
92) Benzo(g,h,i)perylene	29.15	276	985	0.035	ng	# 53

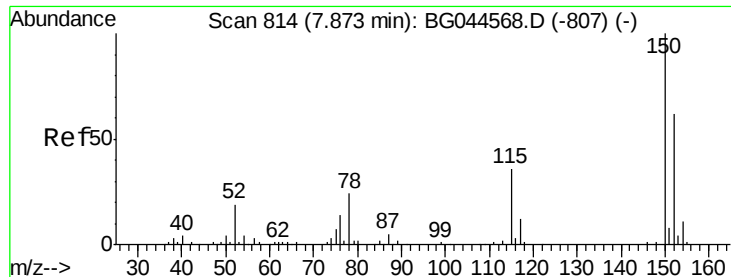
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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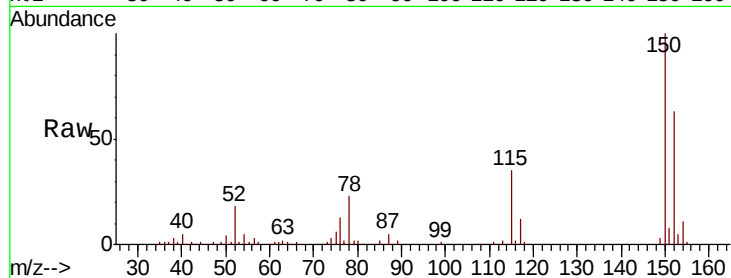


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	128.9	193.3
115	56.2	47.0	70.4

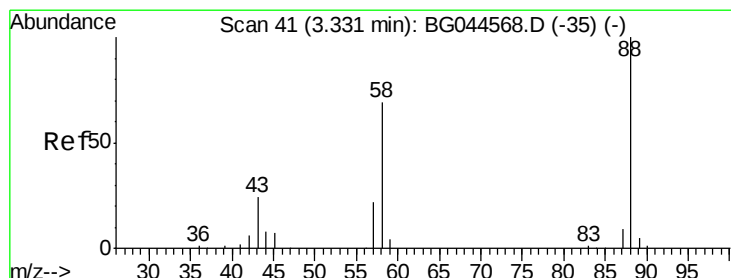
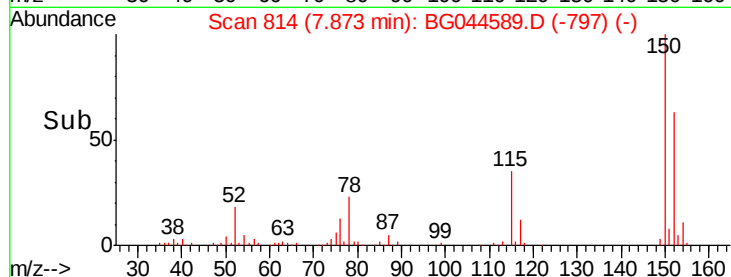
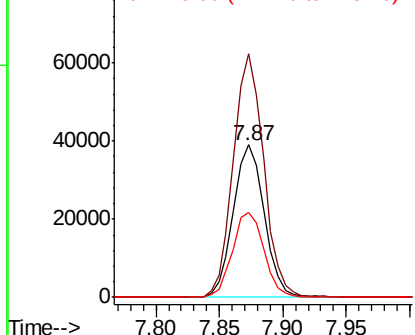


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

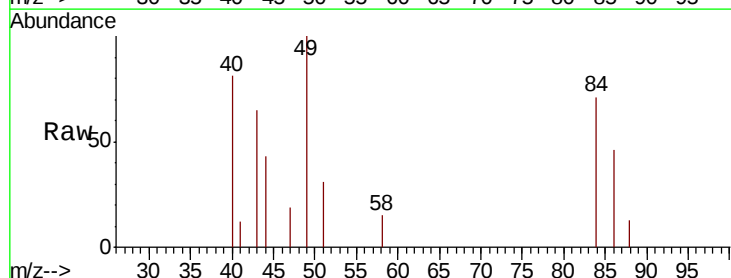
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.068 ng
RT: 3.35 min Scan# 45
Delta R.T. 0.02 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	55.8	83.8
43	251.2	20.6	31.0

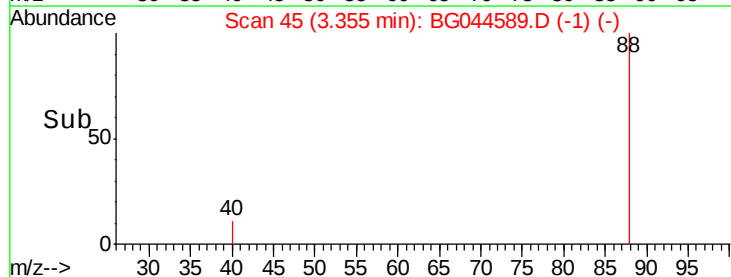
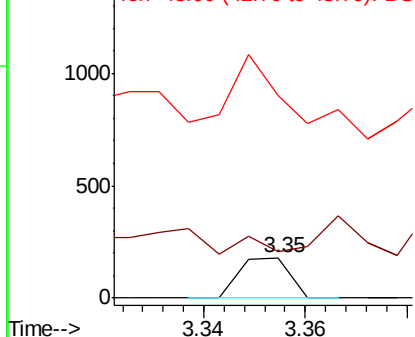


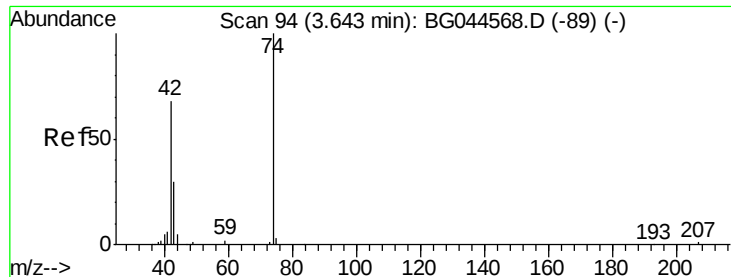
Abundance

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



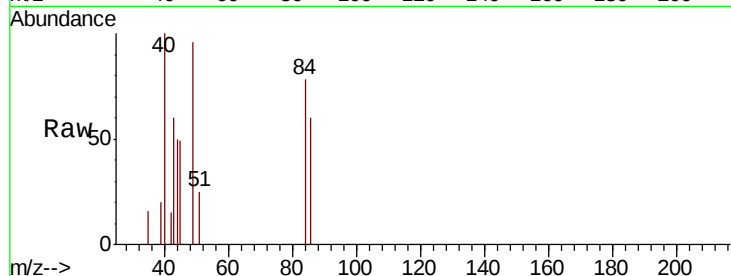


#4

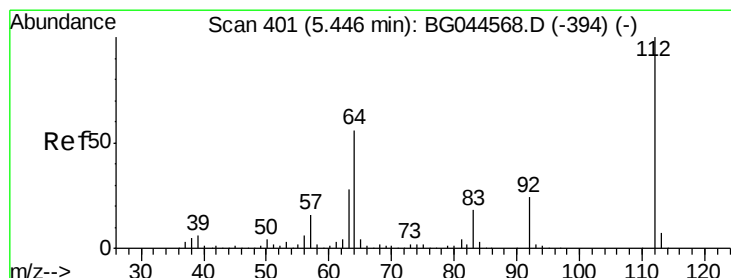
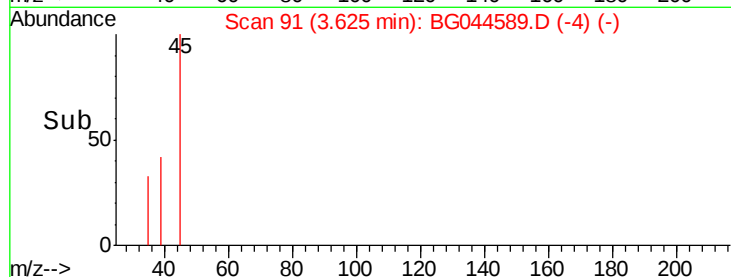
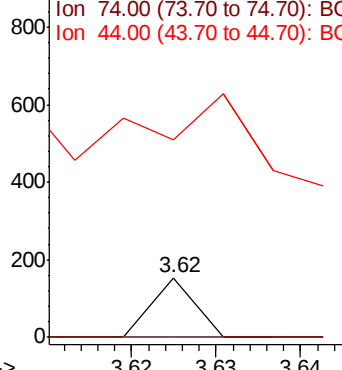
n-Nitrosodimethylamine
 Concen: 0.028 ng
 RT: 3.62 min Scan# 91
 Delta R.T. -0.02 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	117.6	176.4#
44	332.0	6.3	9.5#



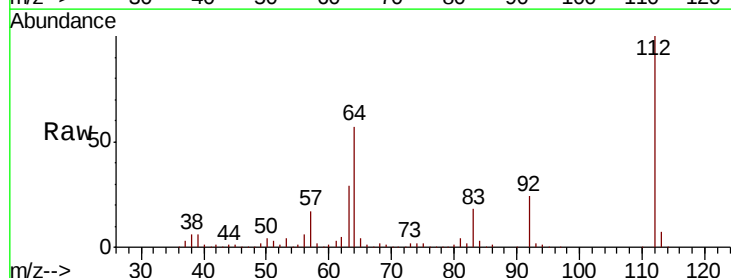
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



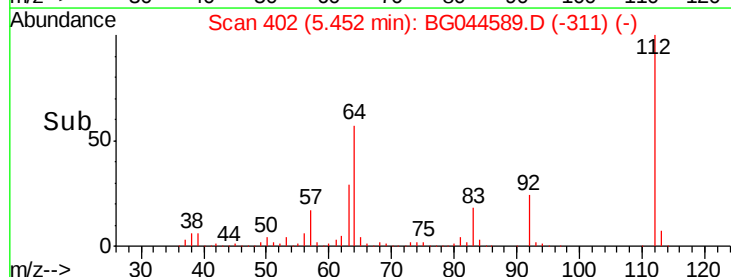
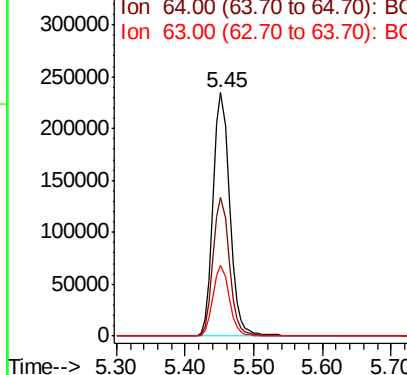
#5

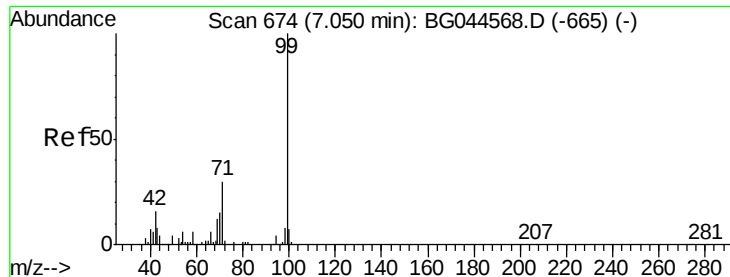
2-Fluorophenol
 Concen: 95.957 ng
 RT: 5.45 min Scan# 402
 Delta R.T. 0.01 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	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: 90.291 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

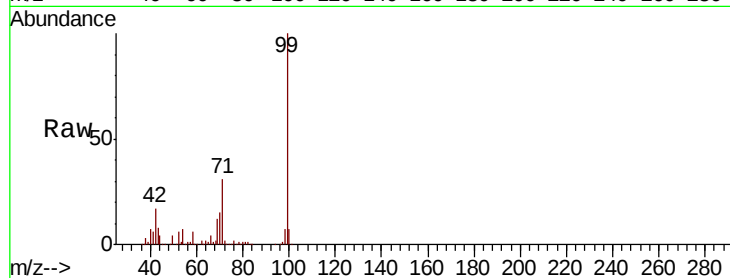
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 510490

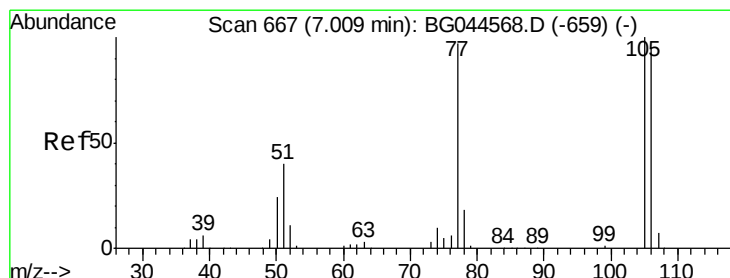
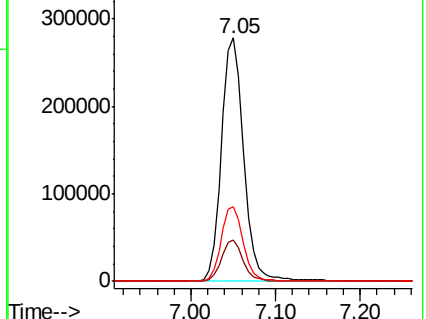
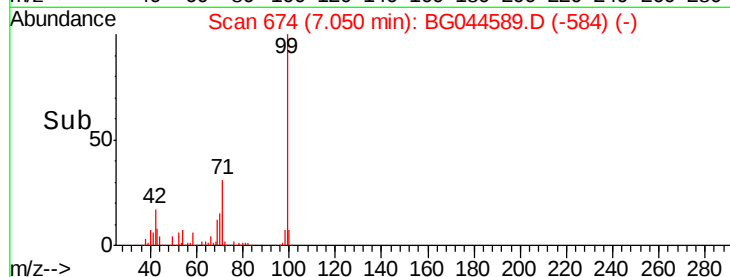
Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.8	19.2
71	30.9	24.4	36.6



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: 0.221 ng

RT: 7.05 min Scan# 674

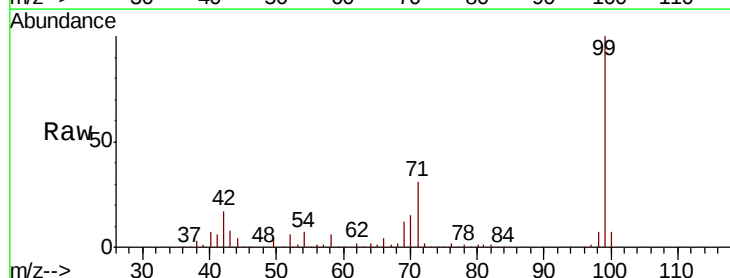
Delta R.T. 0.04 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

Tgt Ion: 77 Resp: 736

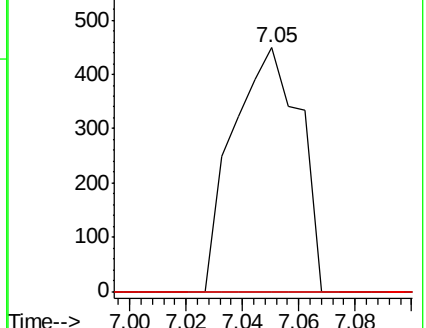
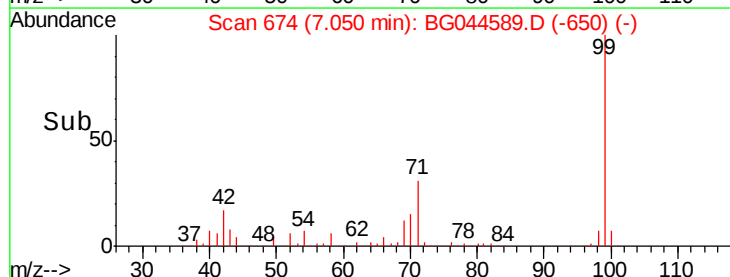
Ion	Ratio	Lower	Upper
77	100		
105	0.0	83.6	123.6#
106	0.0	78.2	118.2#

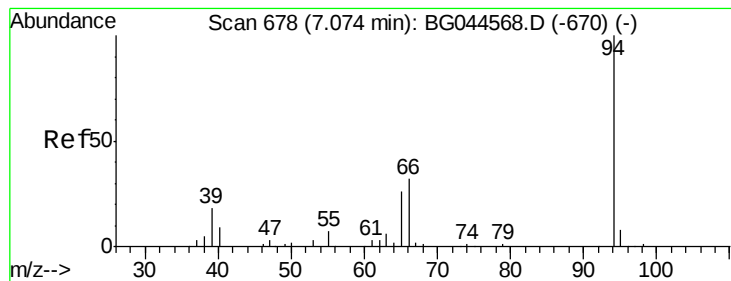


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 0.981 ng

RT: 7.07 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

Instrument :

BNA_G

ClientSampleId :

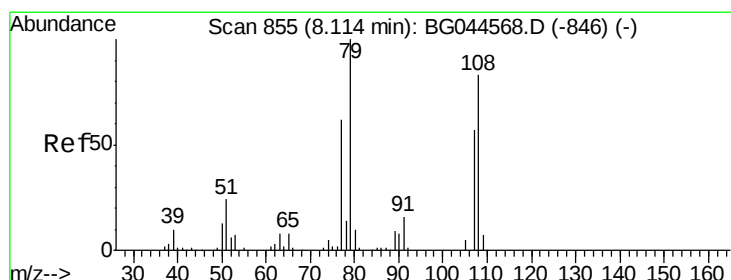
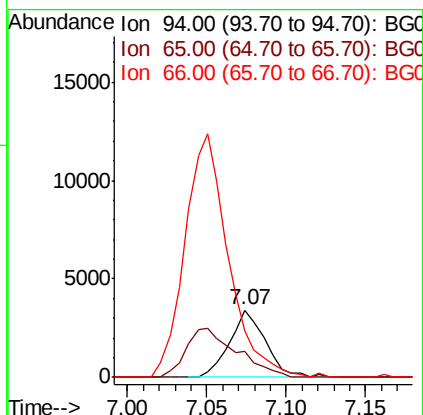
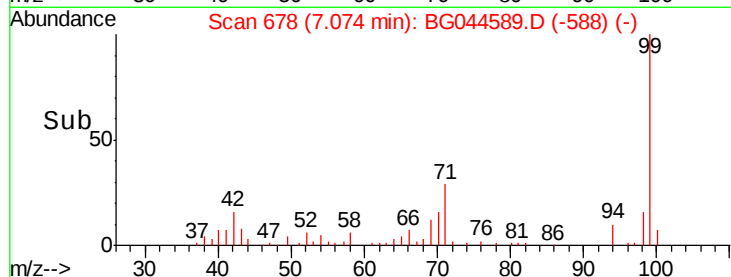
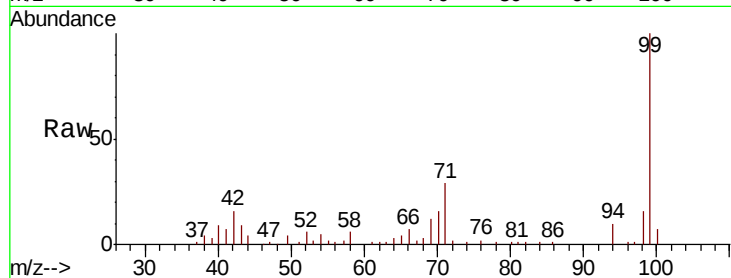
Tot Ion: 94 Resp: 5375

Ion Ratio Lower Upper

94 100

65 37.8 6.4 46.4

66 69.5 13.9 53.9#



#15

Benzyl Alcohol

Concen: 1.341 ng

RT: 8.19 min Scan# 868

Delta R.T. 0.08 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

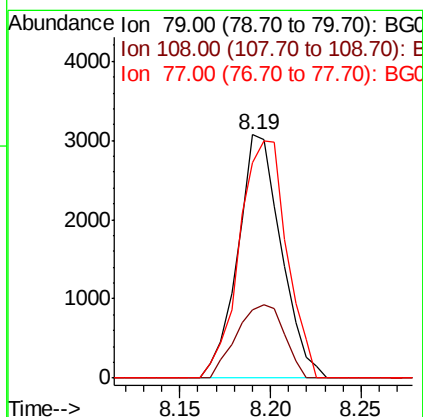
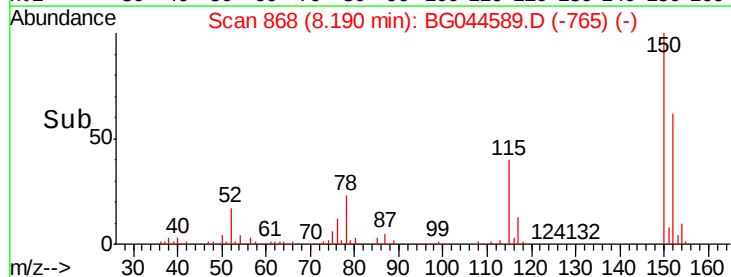
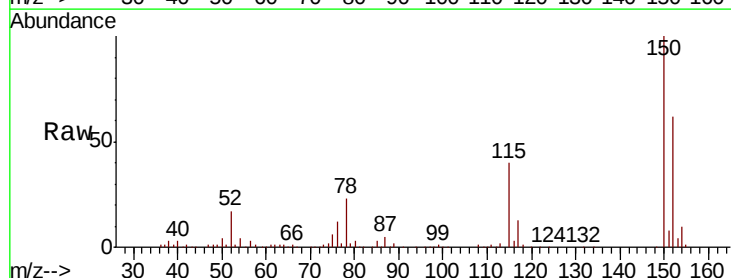
Tgt Ion: 79 Resp: 5114

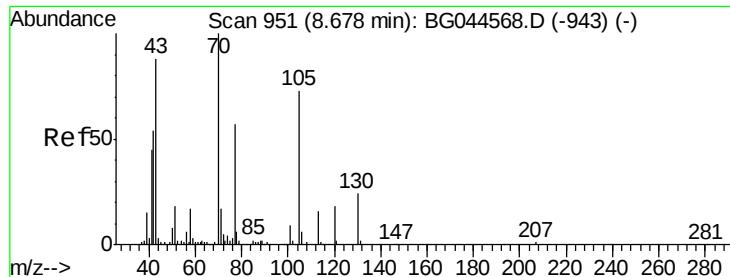
Ion Ratio Lower Upper

79 100

108 27.9 66.0 99.0#

77 88.5 49.6 74.4#

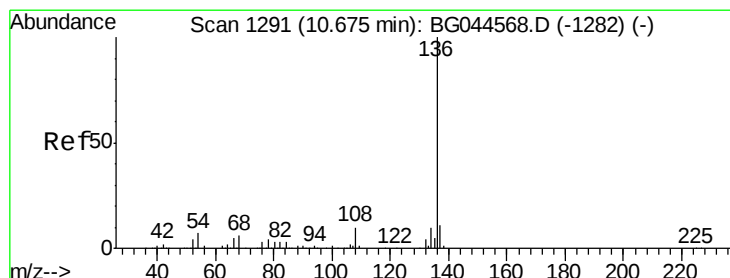
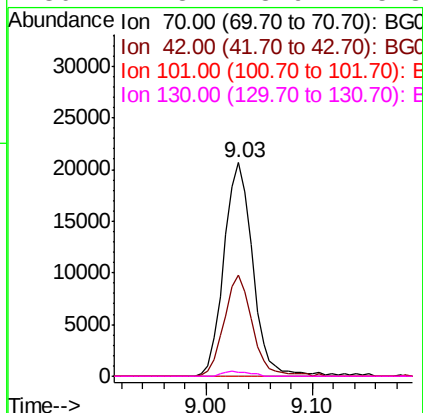
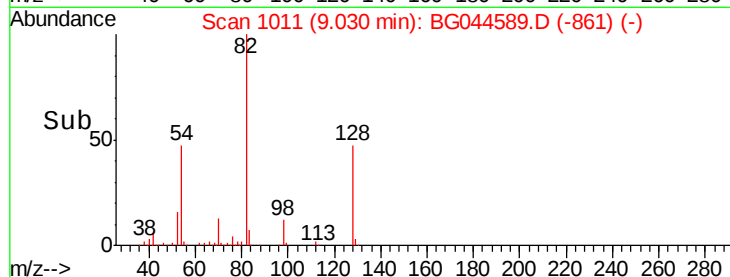
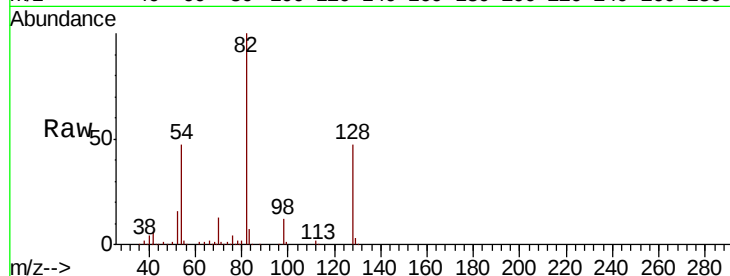




#19
n-Nitroso-di-n-propylamine
Concen: 10.781 ng
RT: 9.03 min Scan# 1011
Delta R.T. 0.35 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

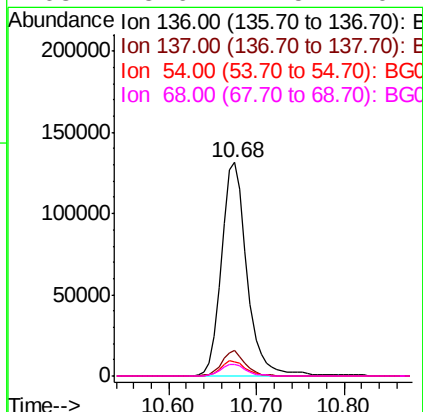
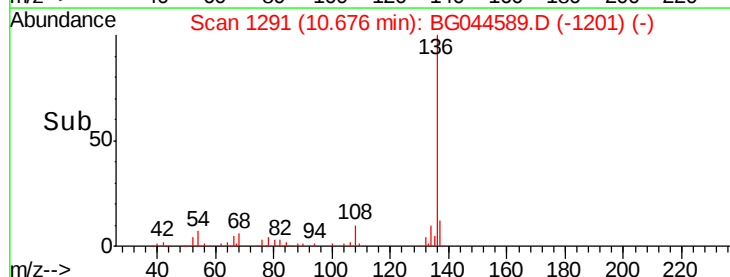
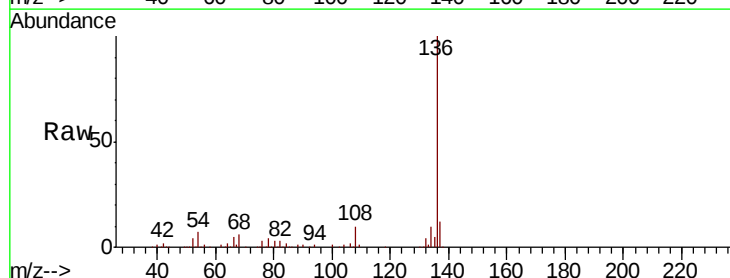
Instrument :
BNA_G
ClientSampleId :

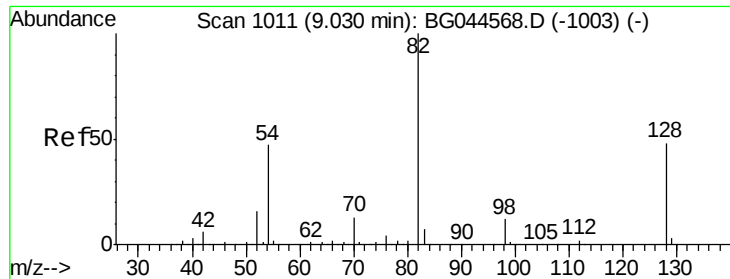
Tot Ion: 70 Resp: 39181
Ion Ratio Lower Upper
70 100
42 47.6 43.4 65.0
101 0.0 7.5 11.3#
130 1.8 18.9 28.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

Tgt Ion: 136 Resp: 264273
Ion Ratio Lower Upper
136 100
137 12.0 8.8 13.2
54 6.9 5.7 8.5
68 5.6 4.5 6.7

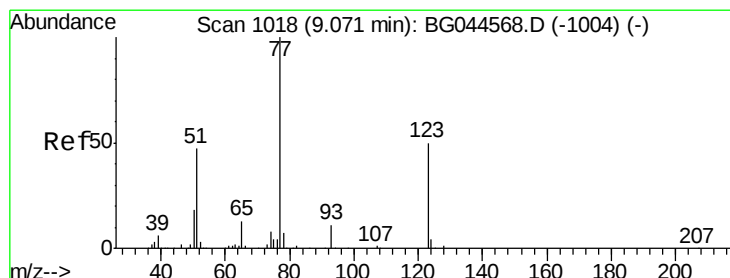
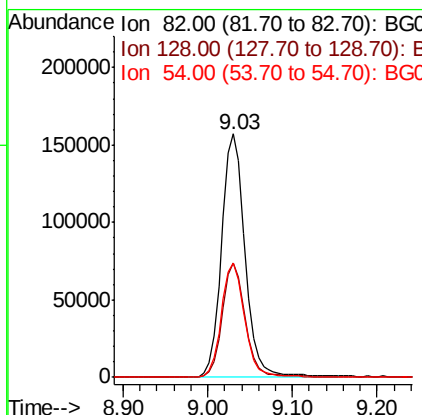
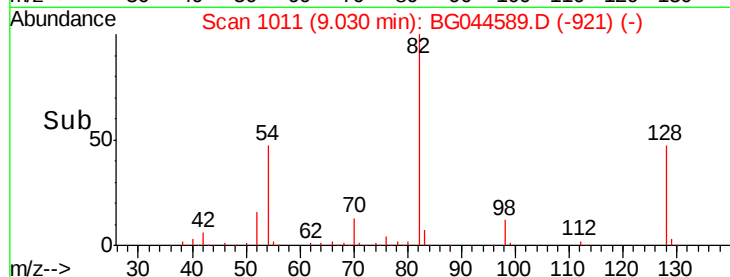
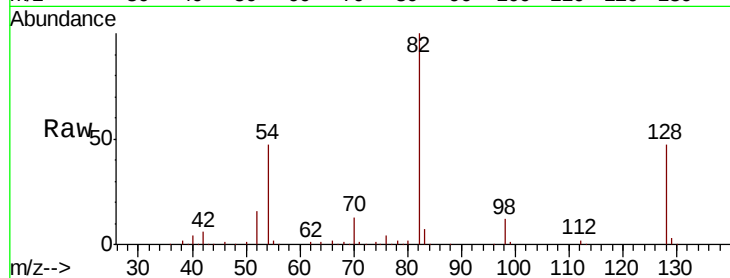




#23
Nitrobenzene-d5
Concen: 59.106 ng
RT: 9.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

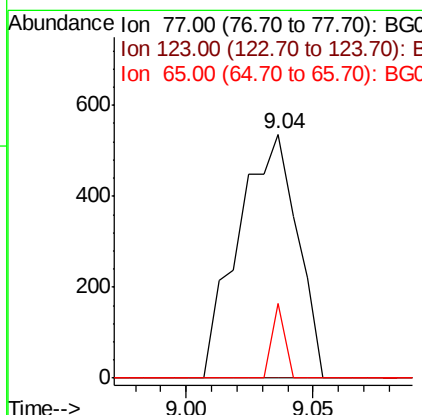
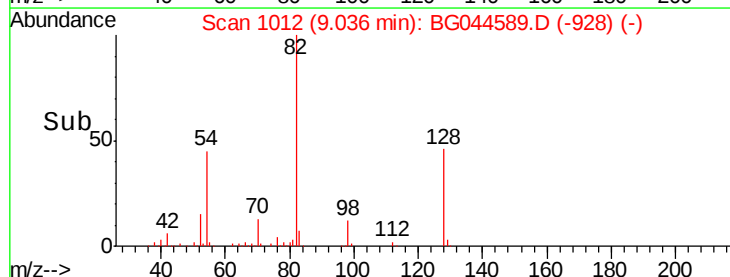
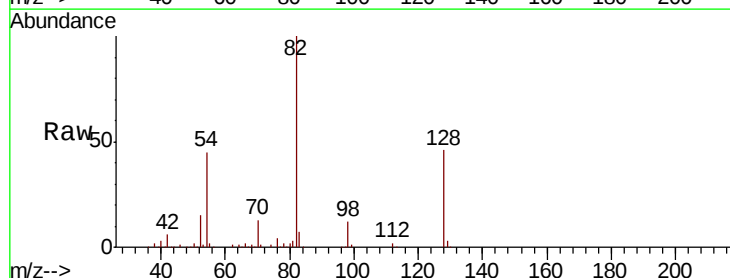
Instrument :
BNA_G
ClientSampled :

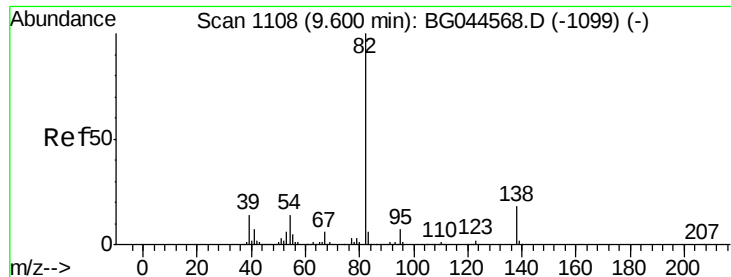
Tot Ion	82	Resp	303197
Ion Ratio	100	Lower	Upper
128	47.1	38.1	57.1
54	46.8	37.5	56.3



#24
Nitrobenzene
Concen: 0.175 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.04 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

Tgt Ion	77	Resp	868
Ion Ratio	100	Lower	Upper
123	0.0	40.1	60.1#
65	30.6	10.4	15.6#





#25

Isophorone

Concen: 0.020 ng

RT: 9.63 min Scan# 1113

Delta R.T. 0.03 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

Instrument :

BNA_G

ClientSampled :

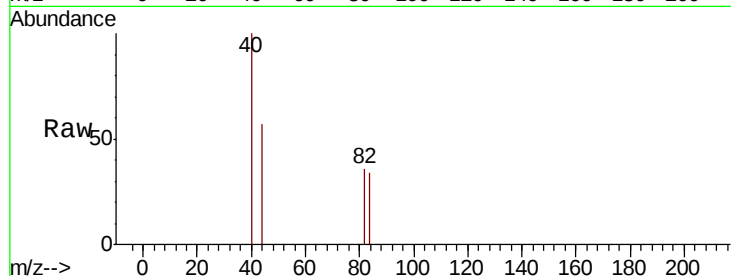
Tot Ion: 82 Resp: 190

Ion Ratio Lower Upper

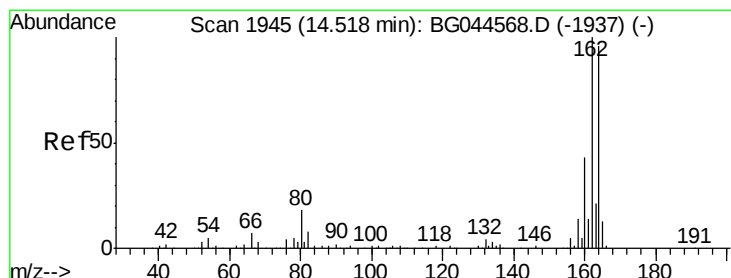
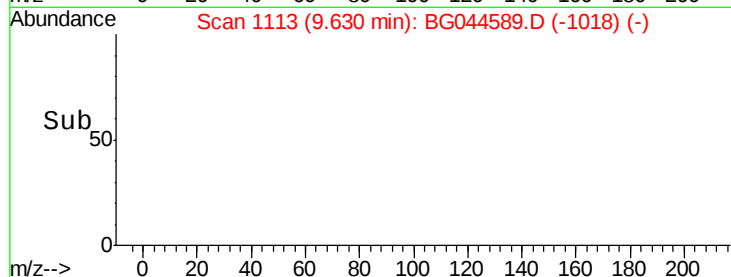
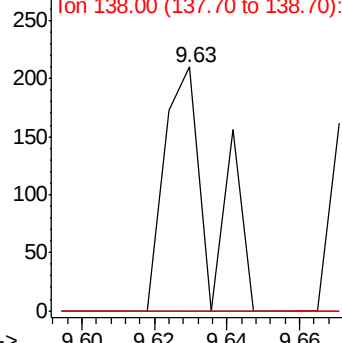
82 100

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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

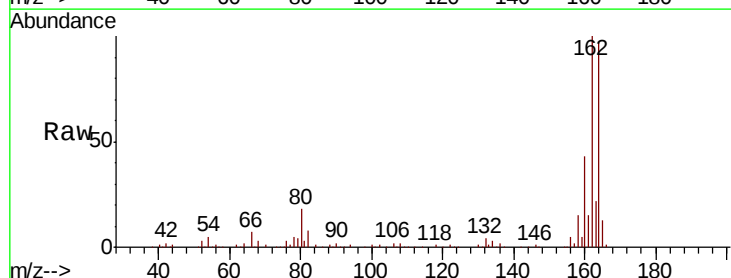
Tgt Ion:164 Resp: 180750

Ion Ratio Lower Upper

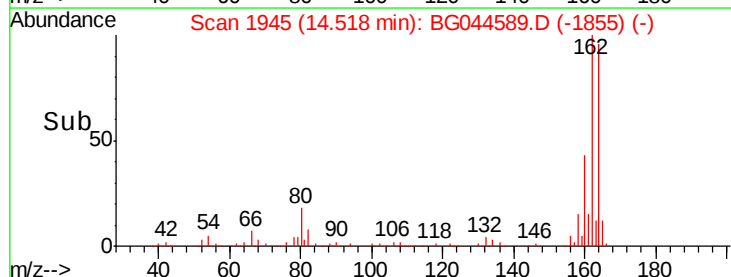
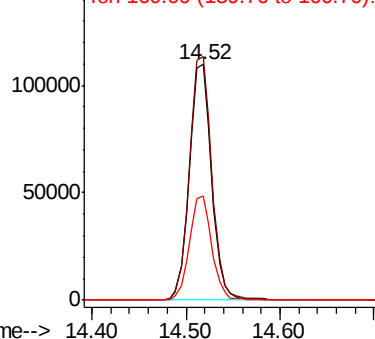
164 100

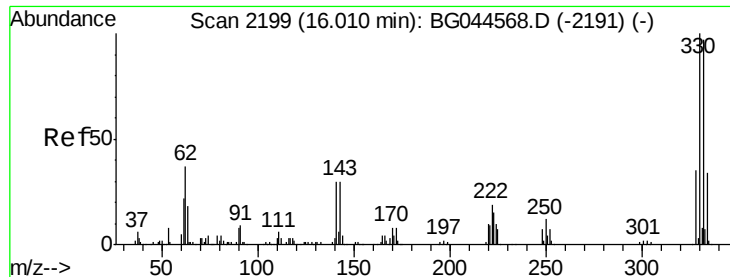
162 103.3 83.6 125.4

160 44.4 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

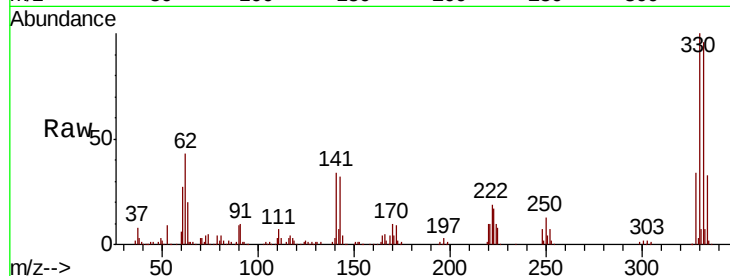




#42
 2,4,6-Tribromophenol
 Concen: 90.519 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.0
141	33.4	26.1	39.1

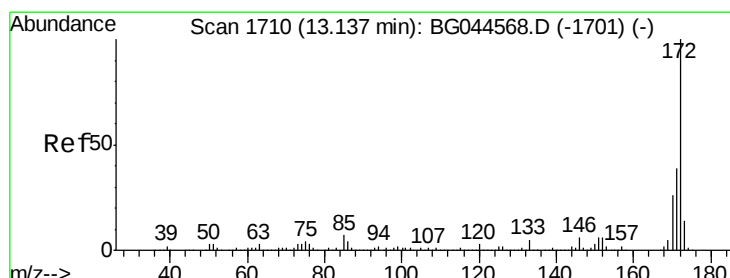
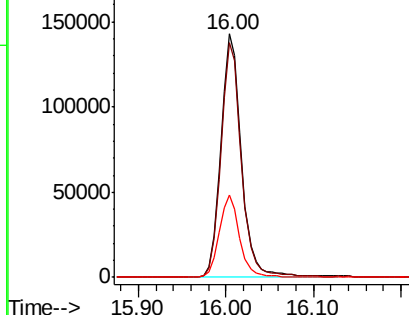
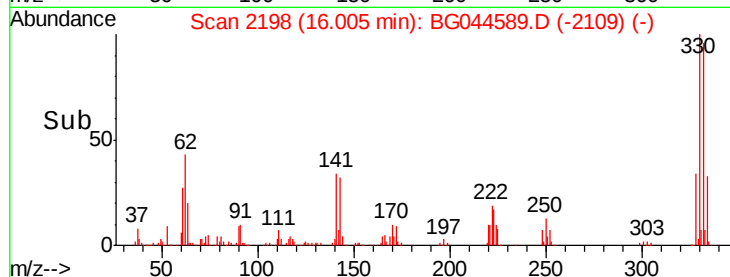


Abundance

Ion 329.80 (329.50 to 330.50): E

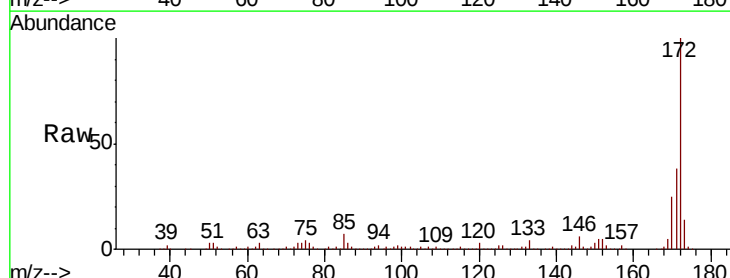
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 60.010 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	25.1	21.0	31.4

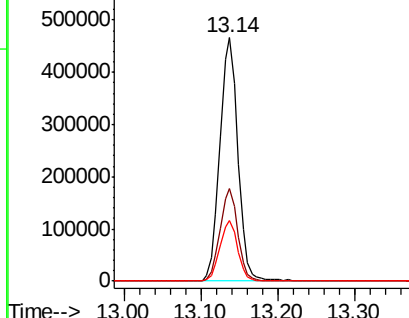
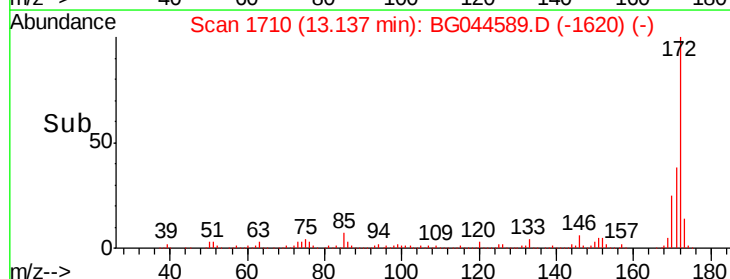


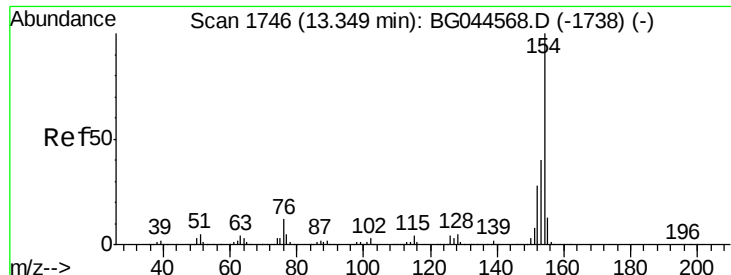
Abundance

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

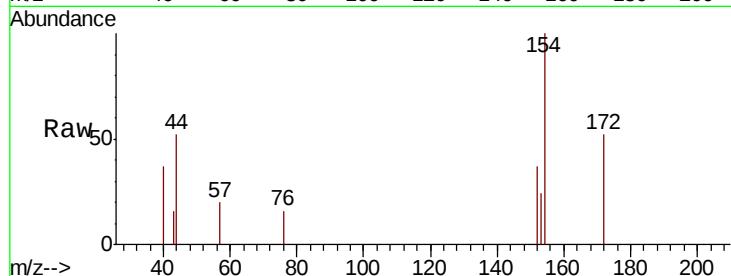




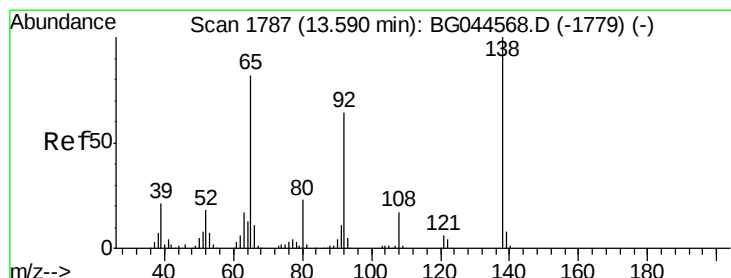
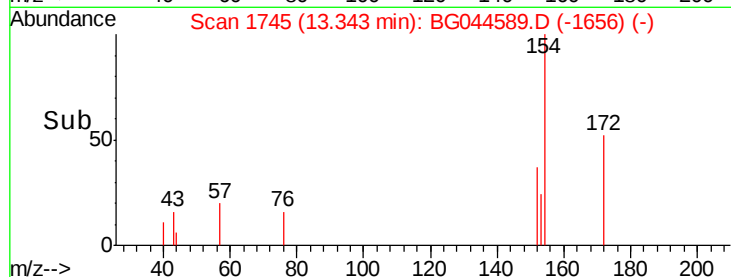
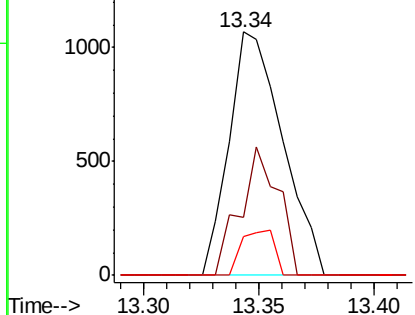
#46
 1,1'-Biphenyl
 Concen: 0.115 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	23.8	20.2	60.2
76	16.2	0.0	31.8

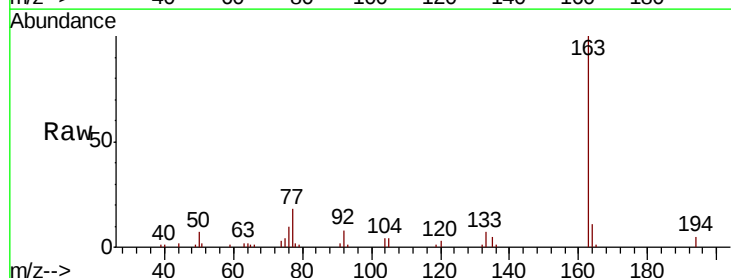


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

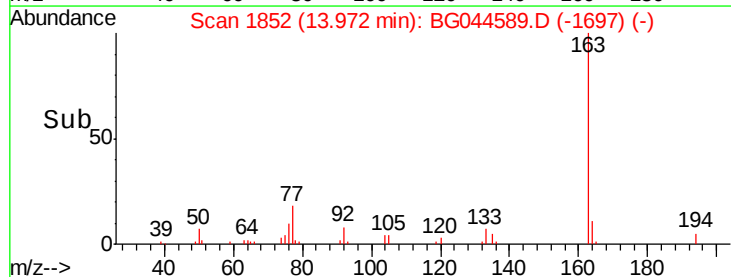
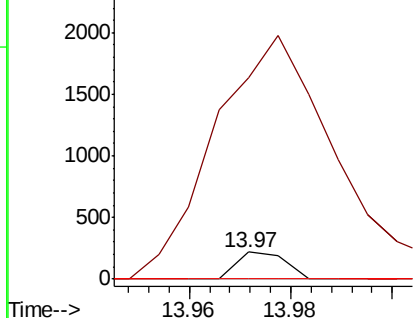


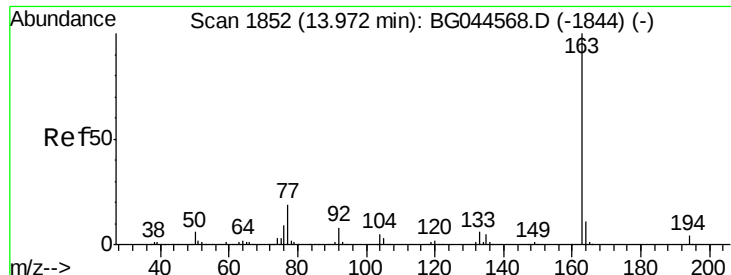
#48
 2-Nitroaniline
 Concen: 0.045 ng
 RT: 13.97 min Scan# 1852
 Delta R.T. 0.38 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	744.3	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): E





#50

Dimethylphthalate

Concen: 2.708 ng

RT: 13.98 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

Instrument :

BNA_G

ClientSampled :

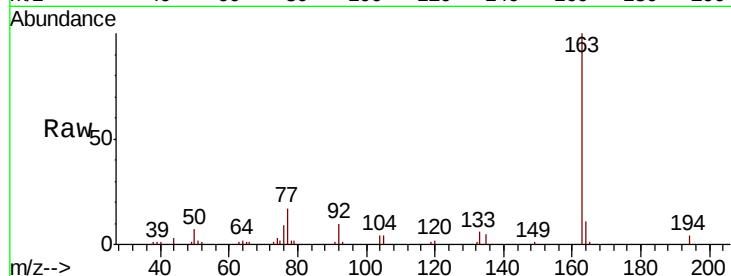
Tot Ion:163 Resp: 39503

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

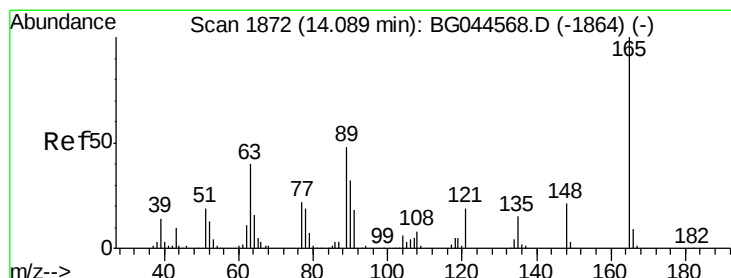
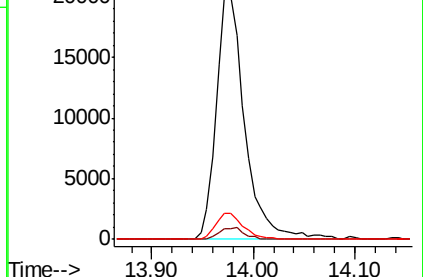
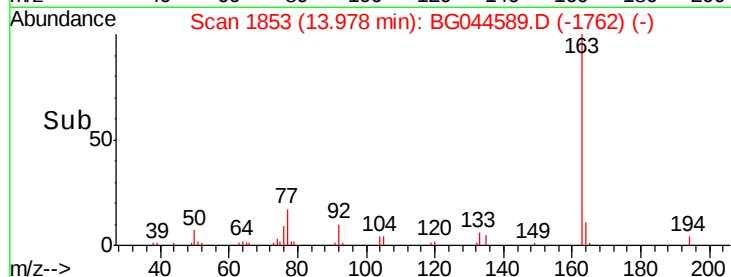
164 10.8 8.7 13.1



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: 7.323 ng

RT: 14.51 min Scan# 1944

Delta R.T. 0.42 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

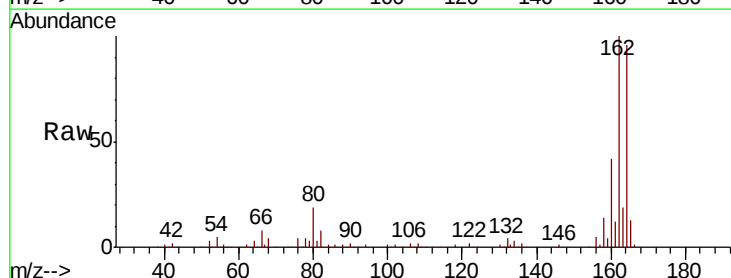
Tgt Ion:165 Resp: 23562

Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.6#

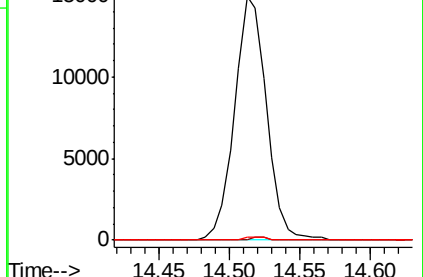
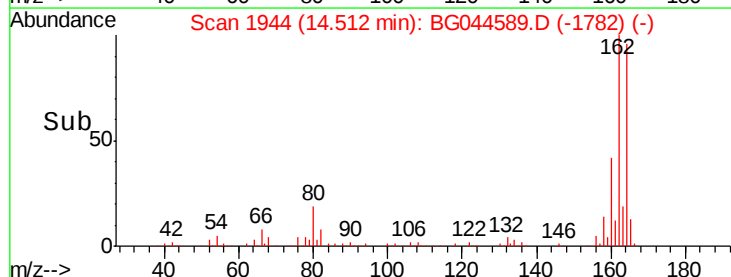
89 1.4 38.7 58.1#

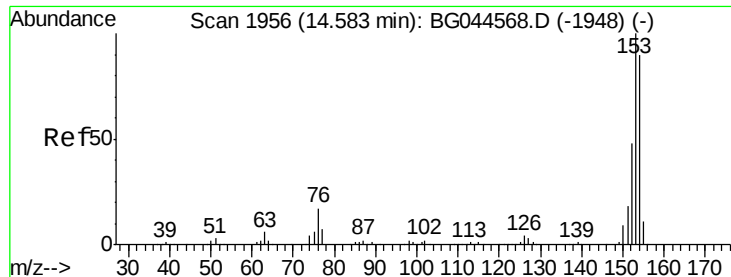


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#52

Acenaphthene

Concen: 0.056 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.06 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

Instrument :

BNA_G

ClientSampleId :

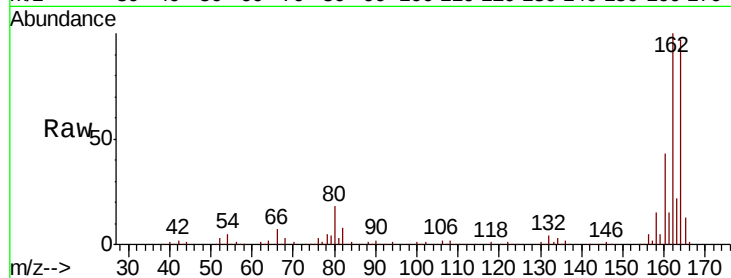
Tot Ion:154 Resp: 617

Ion Ratio Lower Upper

154 100

153 0.0 89.4 134.0#

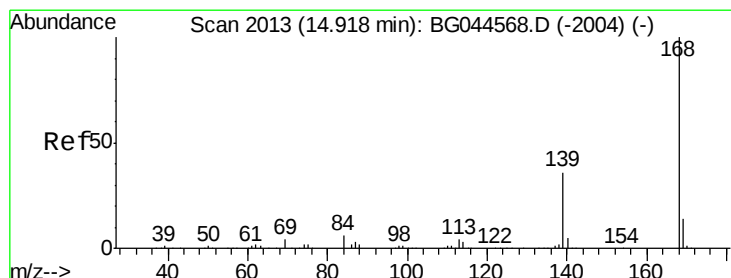
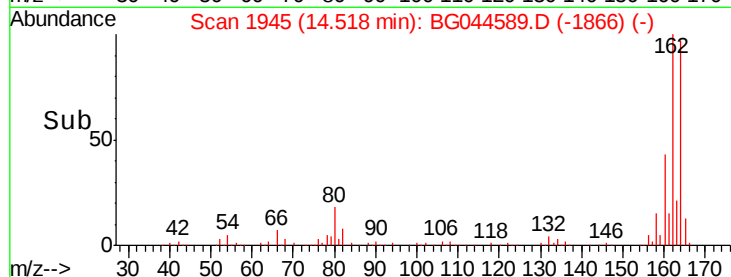
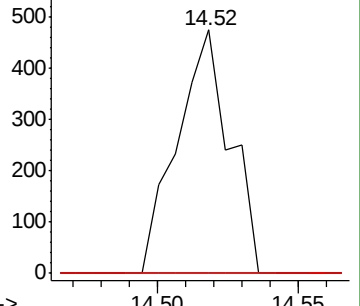
152 0.0 43.0 64.4#



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: 0.007 ng

RT: 14.92 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

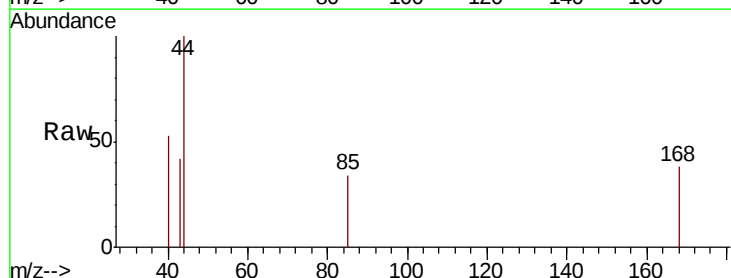
Tgt Ion:168 Resp: 118

Ion Ratio Lower Upper

168 100

139 0.0 29.2 43.8#

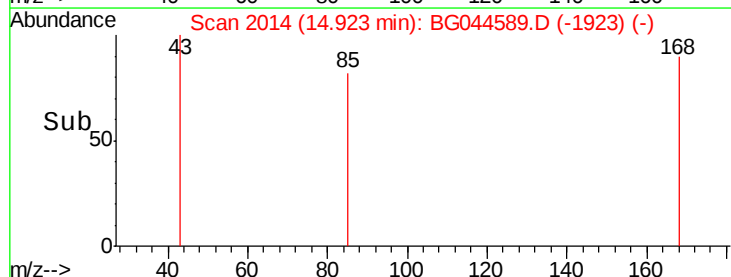
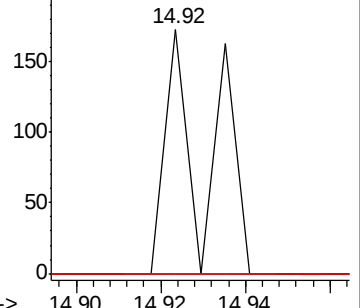
169 0.0 11.0 16.6#

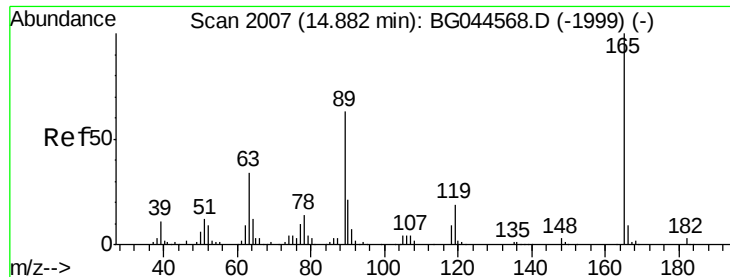


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

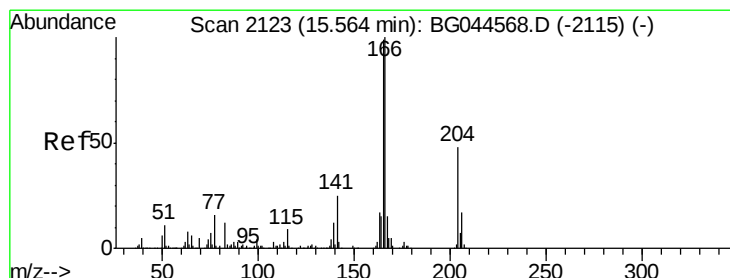
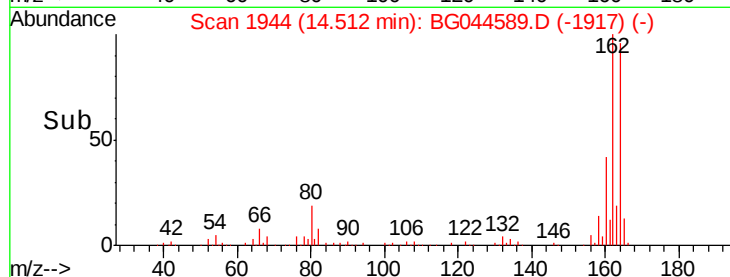
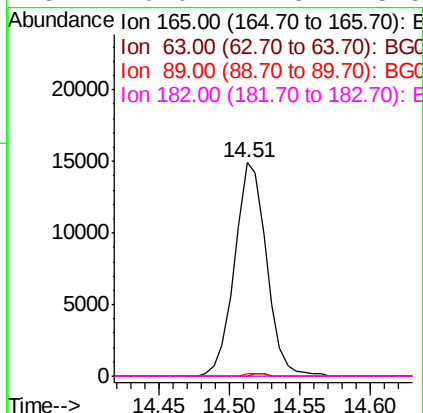
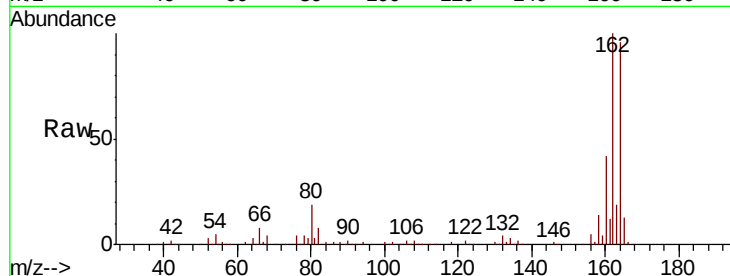




#57
2,4-Dinitrotoluene
Concen: 5.209 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.37 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

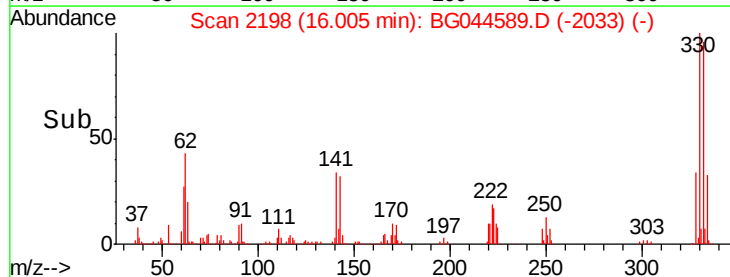
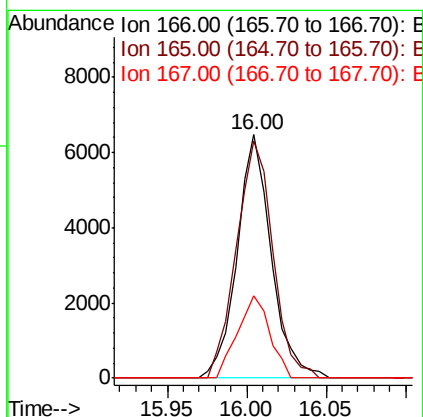
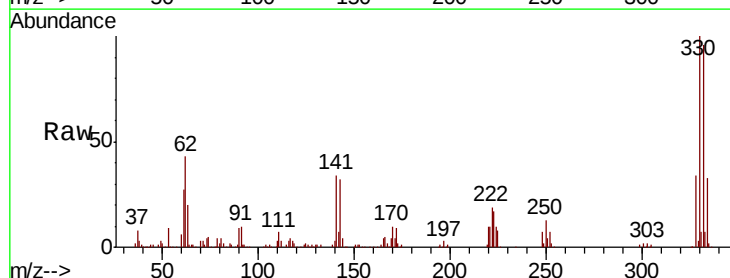
Instrument :
BNA_G
ClientSampleId :

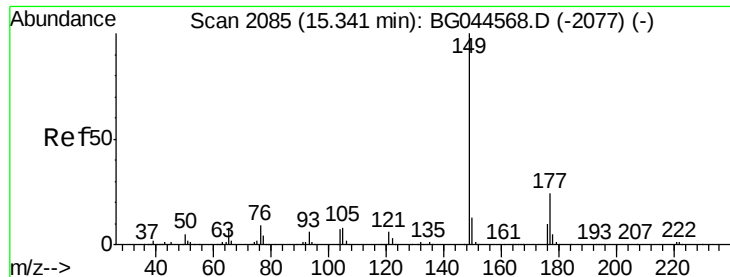
Tot Ion:165 Resp: 23562
Ion Ratio Lower Upper
165 100
63 0.0 27.5 41.3#
89 1.4 50.0 75.0#
182 0.0 2.3 3.5#



#58
Fluorene
Concen: 0.720 ng
RT: 16.00 min Scan# 2198
Delta R.T. 0.44 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

Tgt Ion:166 Resp: 9659
Ion Ratio Lower Upper
166 100
165 97.4 79.2 118.8
167 33.6 11.7 17.5#

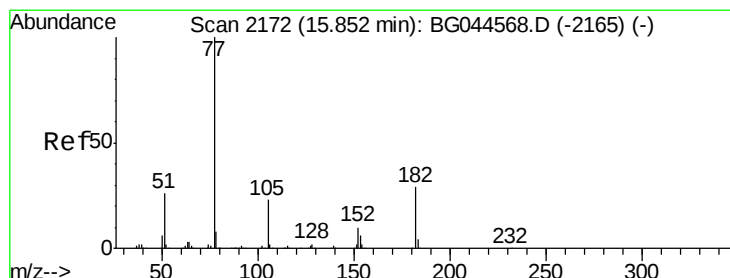
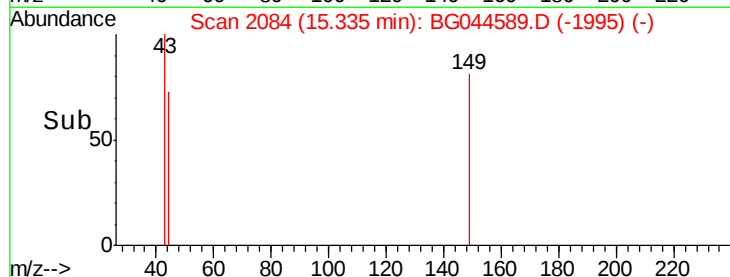
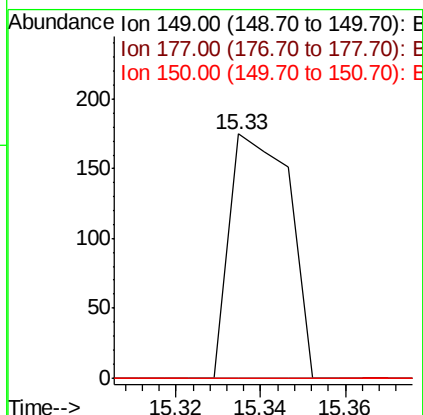
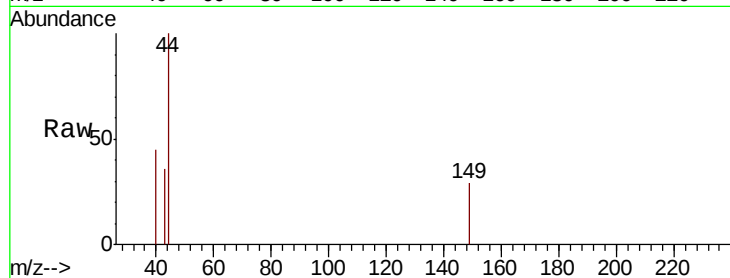




#60
Diethylphthalate
Concen: 0.012 ng
RT: 15.33 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

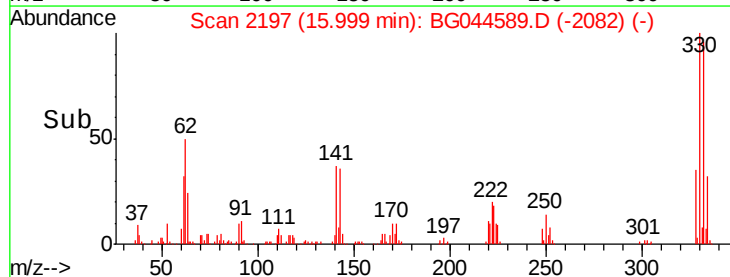
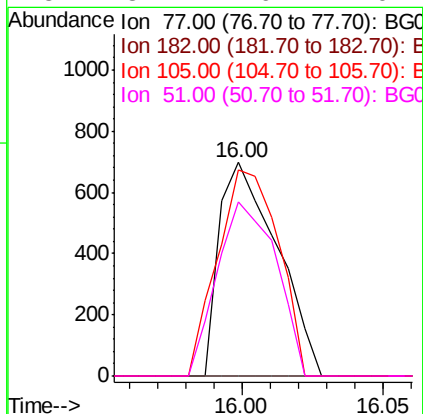
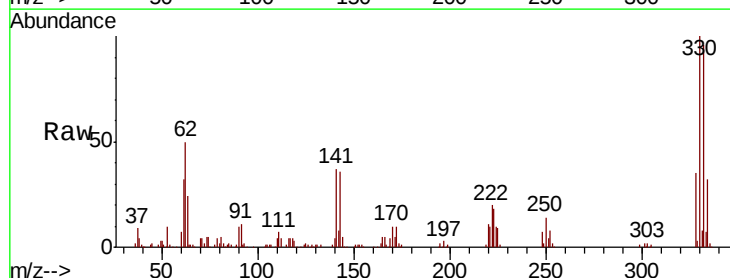
Instrument :
BNA_G
ClientSampleId :

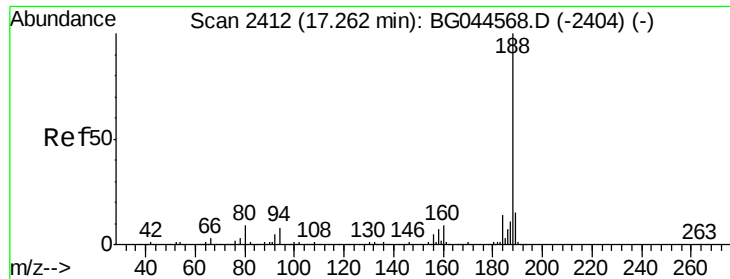
Tot Ion:149 Resp: 172
Ion Ratio Lower Upper
149 100
177 0.0 19.2 28.8#
150 0.0 10.2 15.4#



#63
Azobenzene
Concen: 0.081 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.15 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

Tgt Ion: 77 Resp: 991
Ion Ratio Lower Upper
77 100
182 0.0 9.4 49.4#
105 96.4 3.4 43.4#
51 81.2 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: BG044589.D

Acq: 25 Feb 2020 23:13

Instrument :

BNA_G

ClientSampleId :

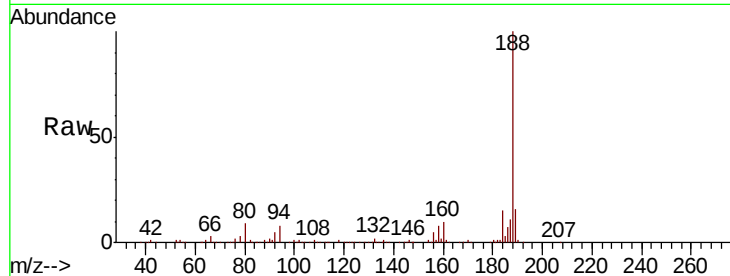
Tot Ion:188 Resp: 431323

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

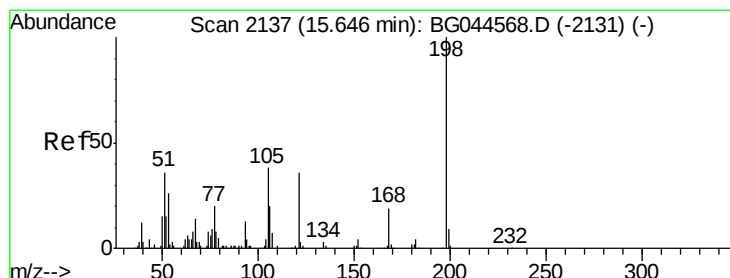
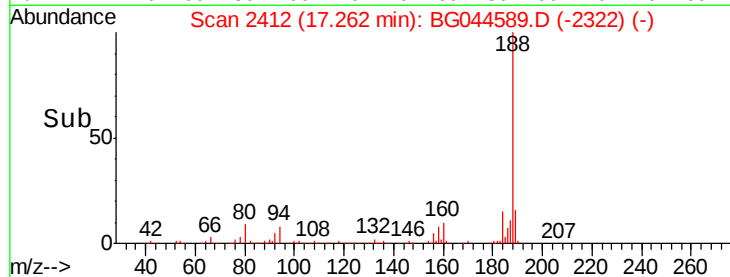
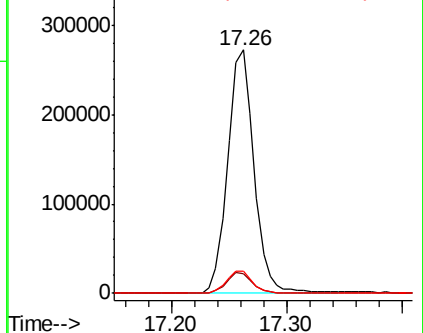
80 8.9 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 0.258 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.36 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

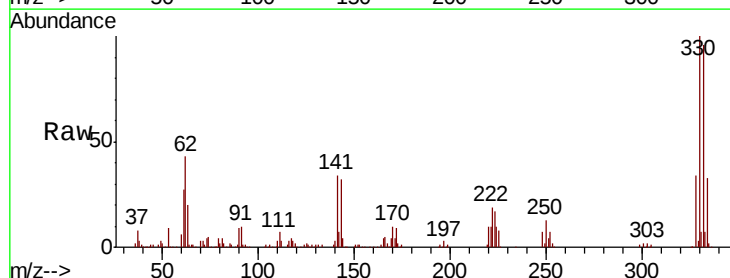
Tgt Ion:198 Resp: 688

Ion Ratio Lower Upper

198 100

51 100.4 17.0 57.0#

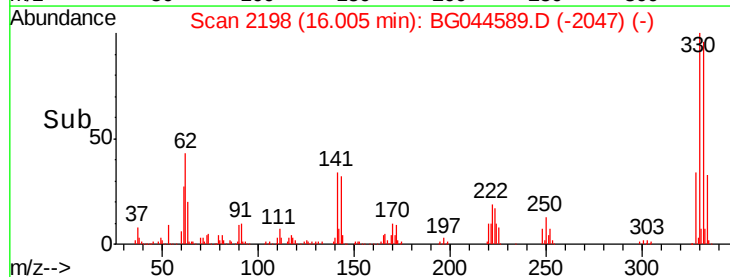
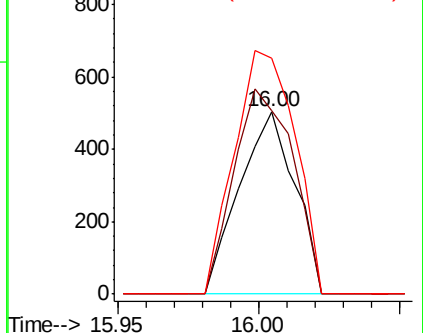
105 129.3 18.4 58.4#

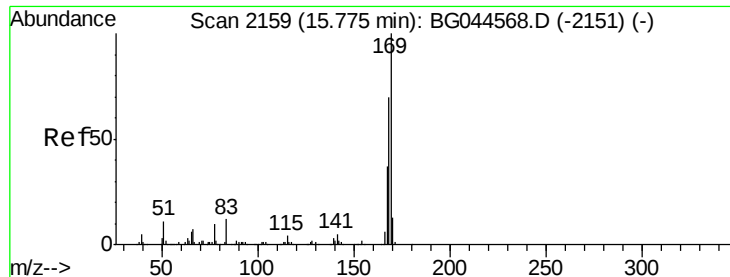


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

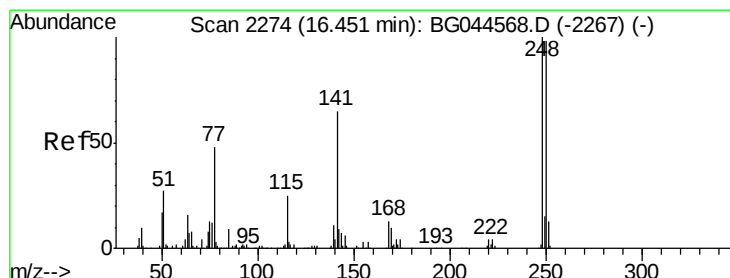
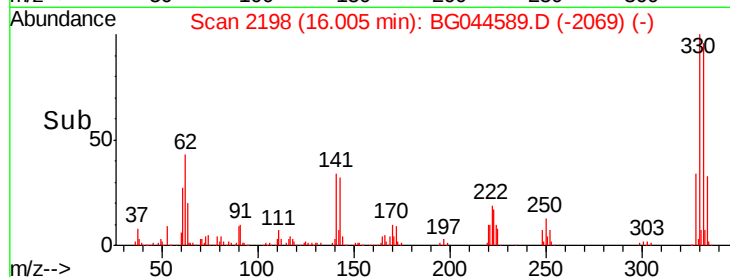
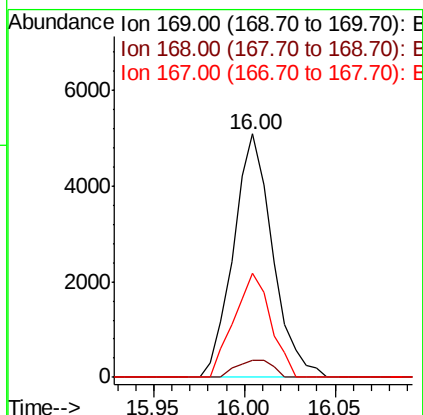
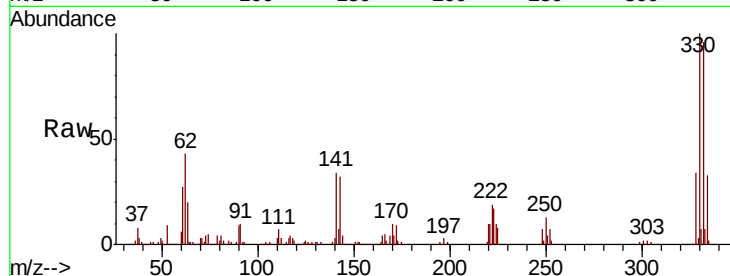




#66
 n-Nitrosodiphenylamine
 Concen: 0.569 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. 0.23 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

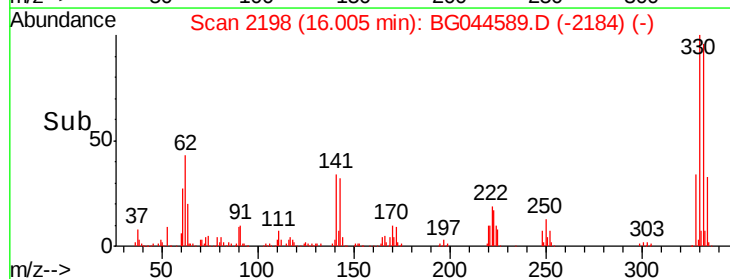
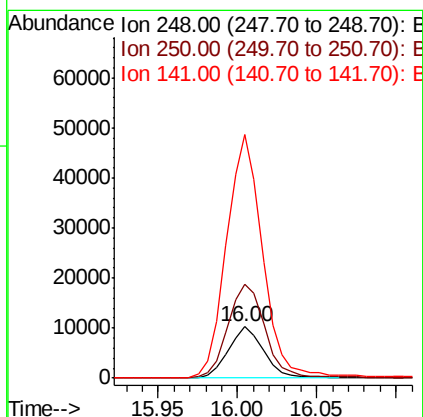
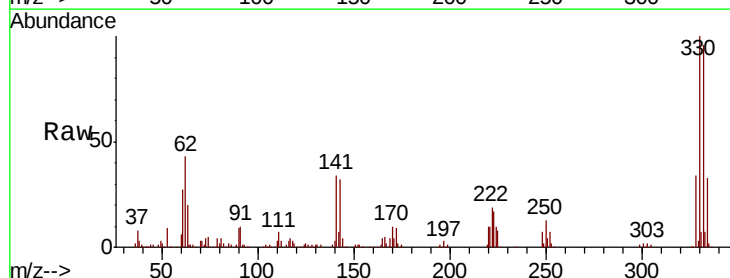
Instrument :
 BNA_G
 ClientSampleId :

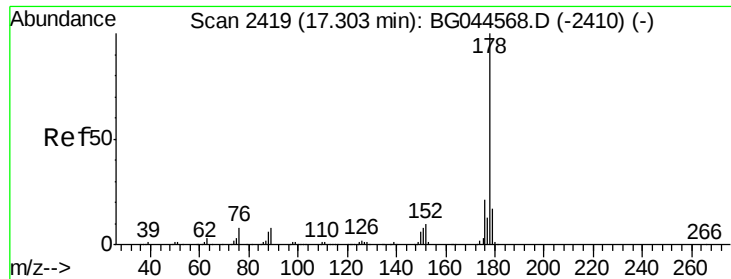
Tot Ion:169 Resp: 7652
 Ion Ratio Lower Upper
 169 100
 168 7.0 56.1 84.1#
 167 42.8 29.4 44.0



#67
 4-Bromophenyl-phenylether
 Concen: 2.959 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

Tgt Ion:248 Resp: 15845
 Ion Ratio Lower Upper
 248 100
 250 184.9 78.7 118.1#
 141 477.0 52.3 78.5#





#71

Phenanthrene

Concen: 0.067 ng

RT: 17.30 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

Instrument :

BNA_G

ClientSampled :

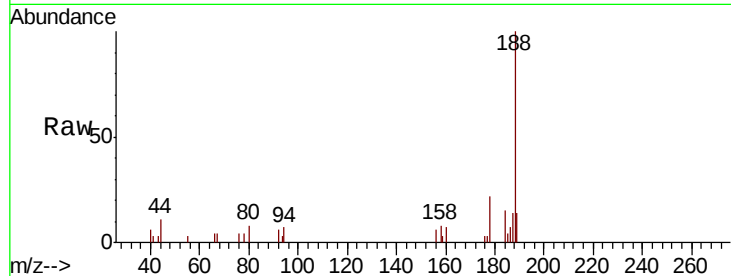
Tot Ion:178 Resp: 1592

Ion Ratio Lower Upper

178 100

176 15.6 16.6 25.0#

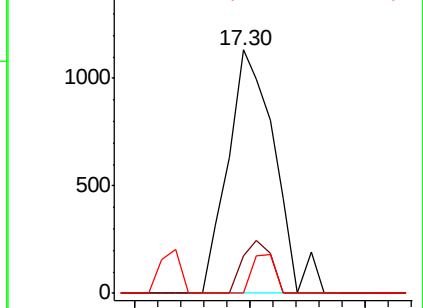
179 0.0 13.3 19.9#



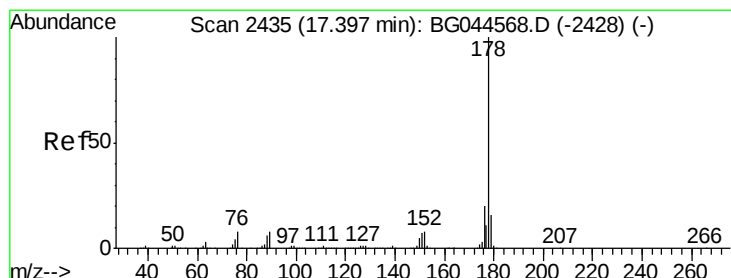
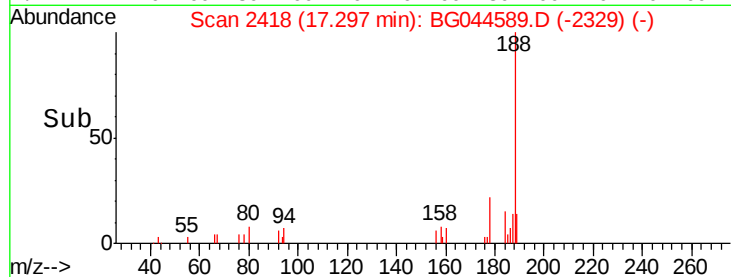
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 0.068 ng

RT: 17.30 min Scan# 2418

Delta R.T. -0.10 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

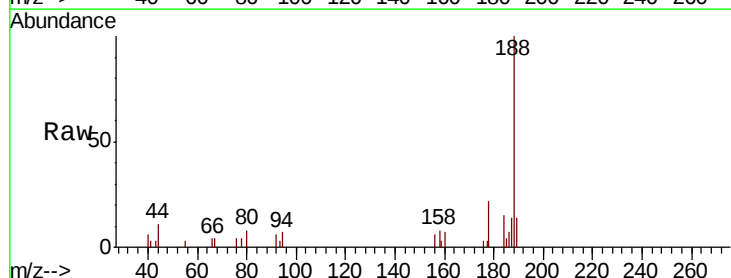
Tgt Ion:178 Resp: 1592

Ion Ratio Lower Upper

178 100

176 15.6 15.9 23.9#

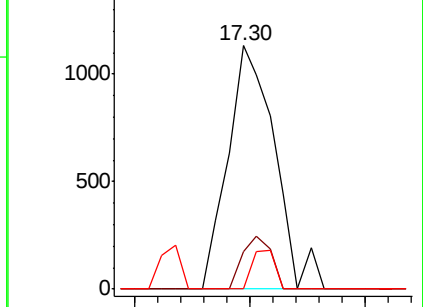
179 0.0 13.1 19.7#



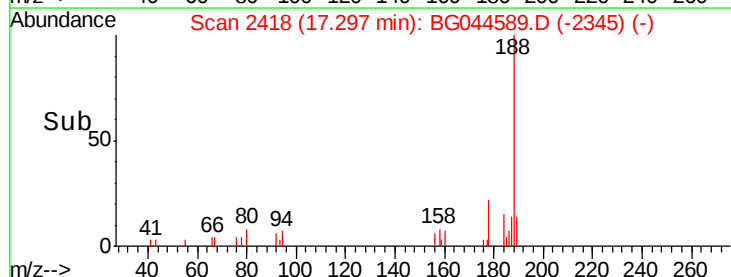
Abundance Ion 178.00 (177.70 to 178.70): E

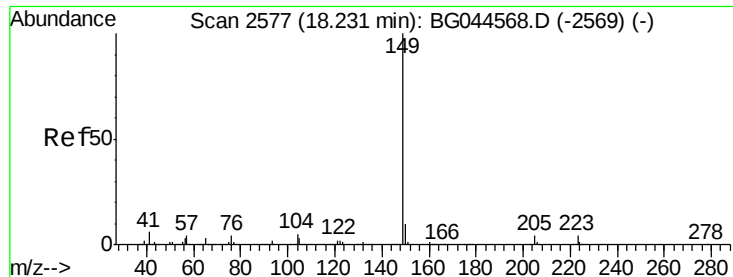
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

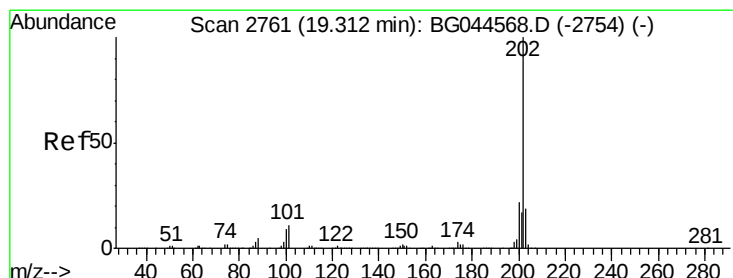
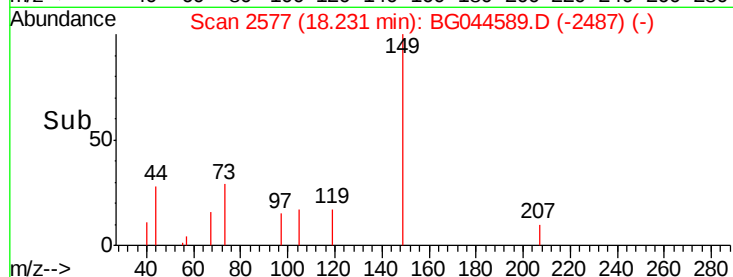
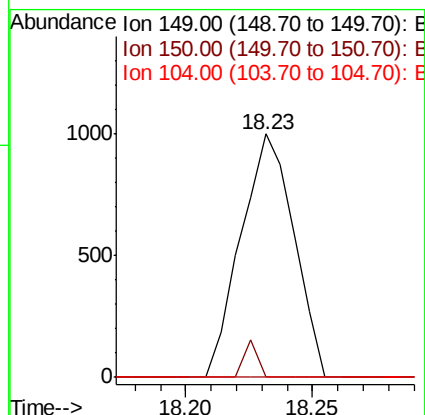
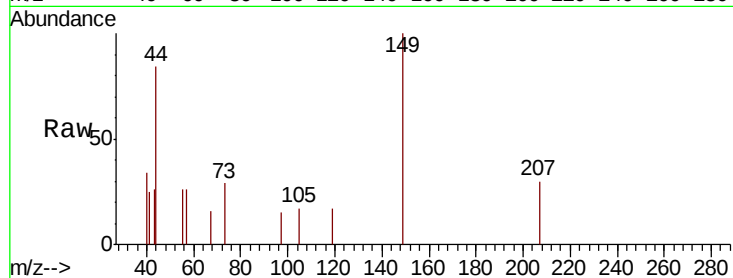




#74
Di-n-butylphthalate
Concen: 0.054 ng
RT: 18.23 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

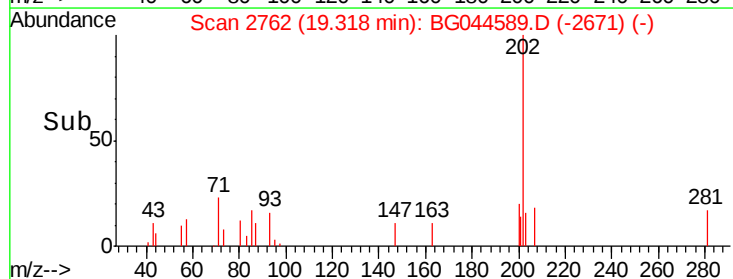
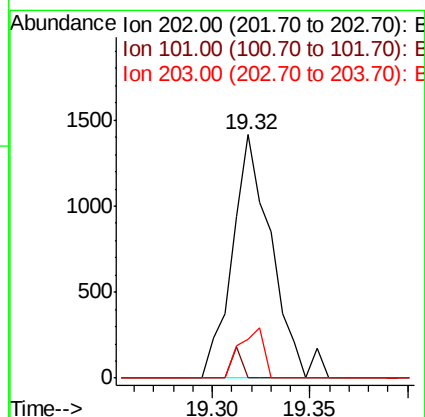
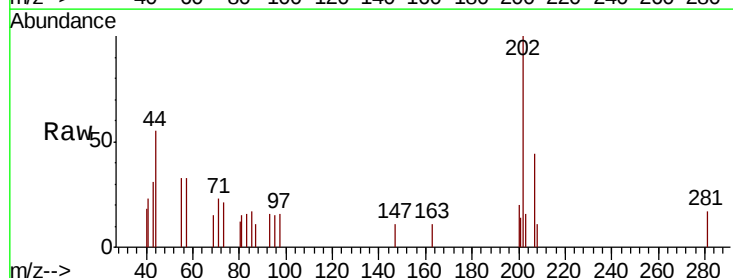
Instrument :
BNA_G
ClientSampled :

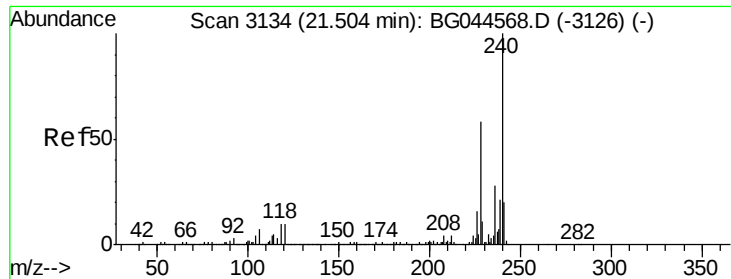
Tot Ion:149 Resp: 1454
Ion Ratio Lower Upper
149 100
150 0.0 7.8 11.8#
104 0.0 4.0 6.0#



#75
Fluoranthene
Concen: 0.070 ng
RT: 19.32 min Scan# 2762
Delta R.T. 0.01 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

Tgt Ion:202 Resp: 1972
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.0
203 15.9 0.0 39.2

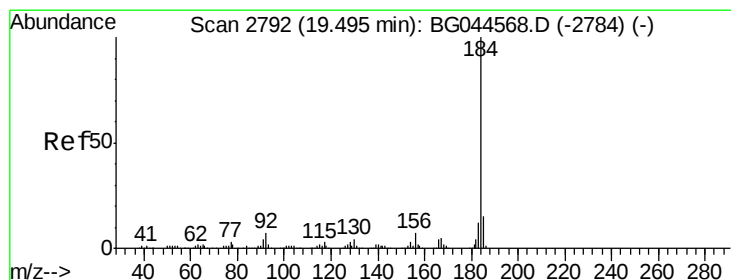
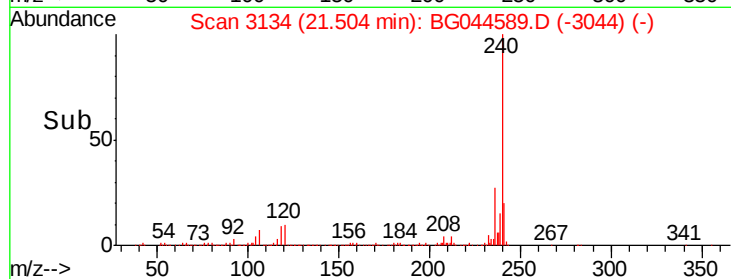
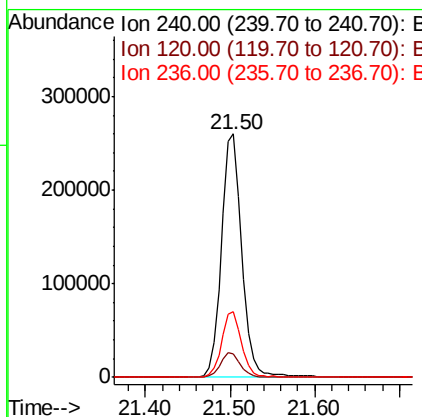
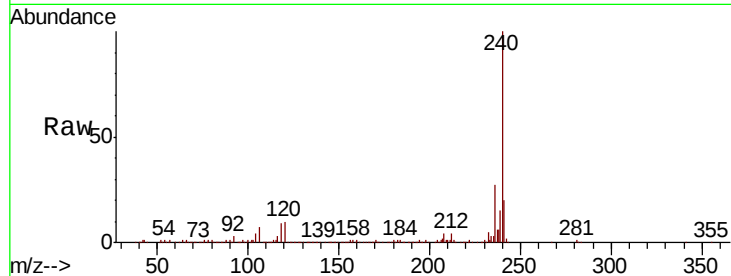




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

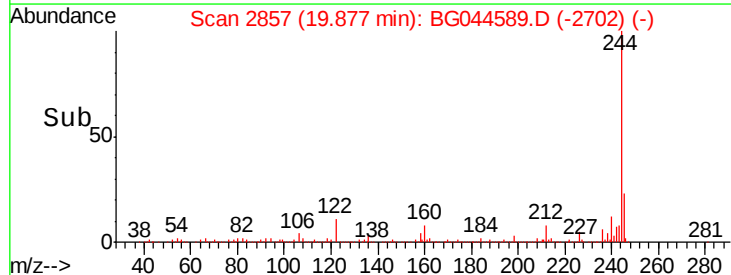
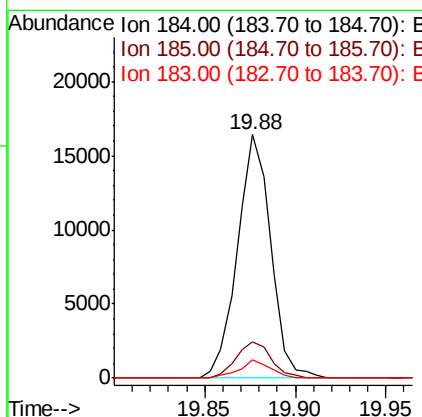
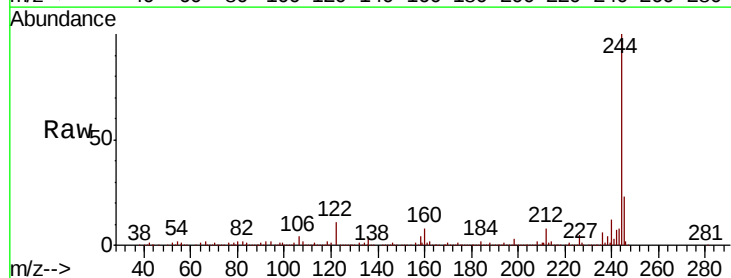
Instrument :
BNA_G
ClientSampleId :

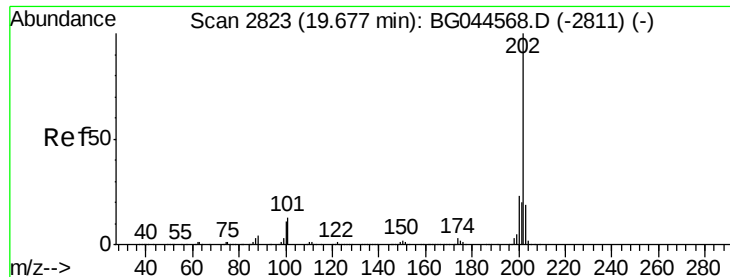
Tot Ion:240 Resp: 435132
Ion Ratio Lower Upper
240 100
120 9.7 8.3 12.5
236 26.8 22.3 33.5



#77
Benzidine
Concen: 1.405 ng
RT: 19.88 min Scan# 2857
Delta R.T. 0.38 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

Tgt Ion:184 Resp: 20944
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.4
183 7.5 9.9 14.9#





#78

Pvrene

Concen: 0.057 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.01 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

Instrument :

BNA_G

ClientSampleId :

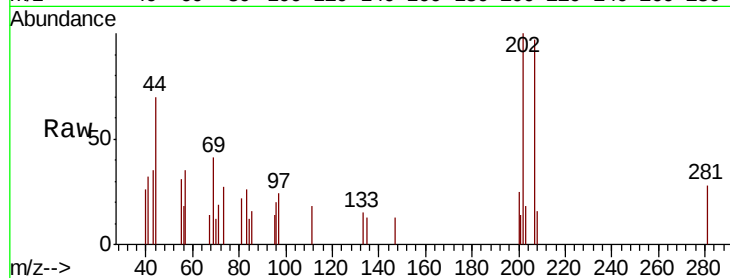
Tot Ion:202 Resp: 1795

Ion Ratio Lower Upper

202 100

200 25.4 18.6 28.0

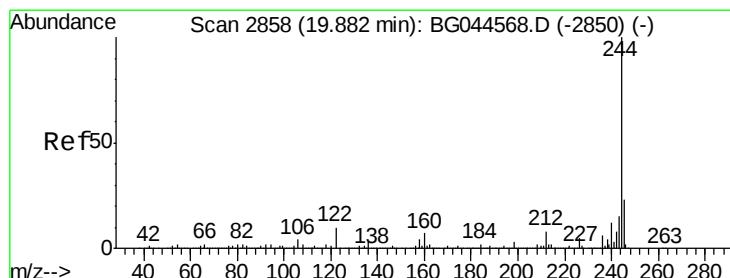
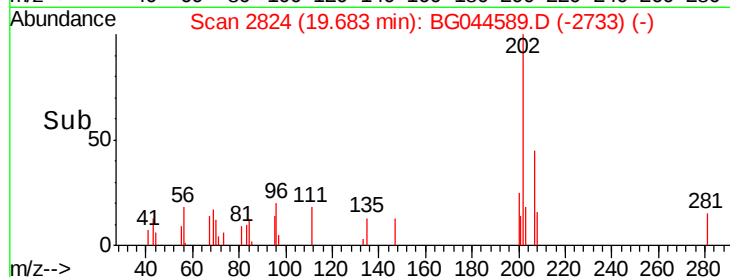
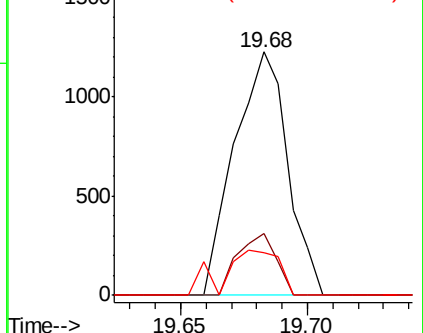
203 17.6 15.3 22.9



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: 59.435 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

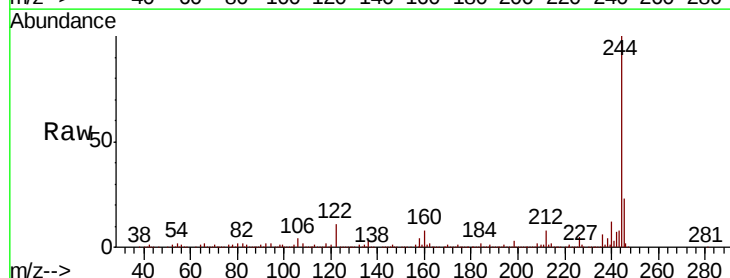
Tgt Ion:244 Resp: 1366139

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

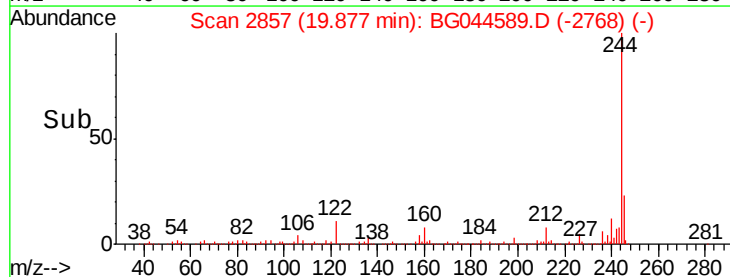
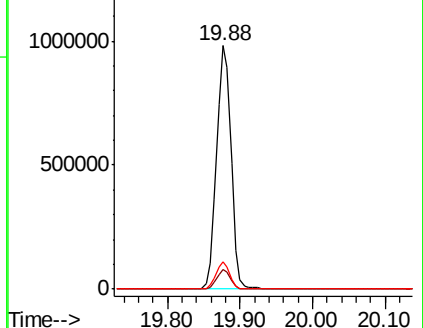
122 11.0 8.2 12.4

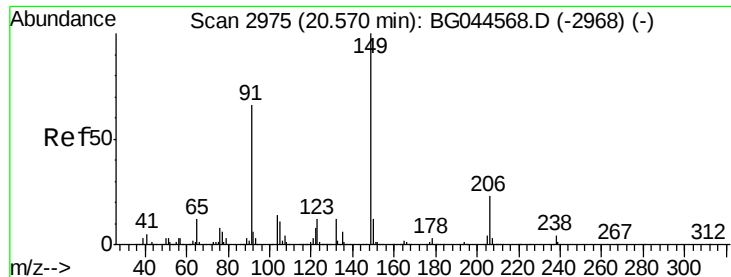


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

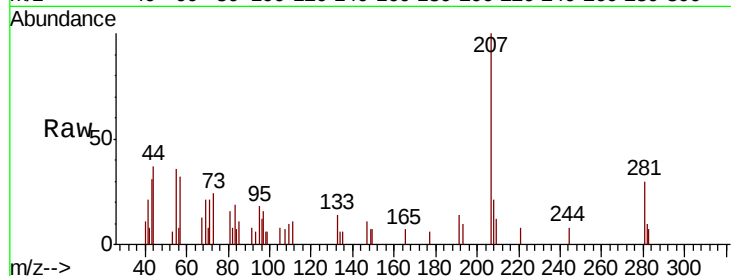




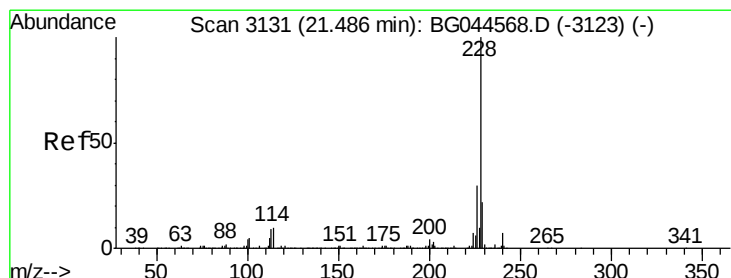
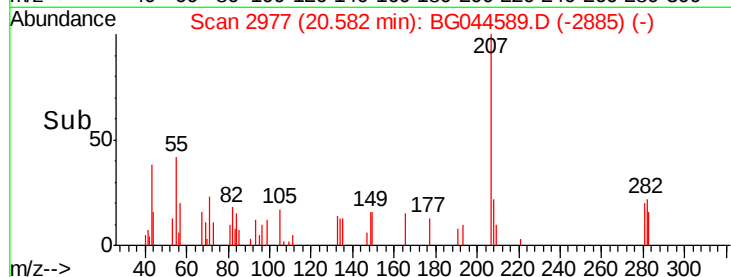
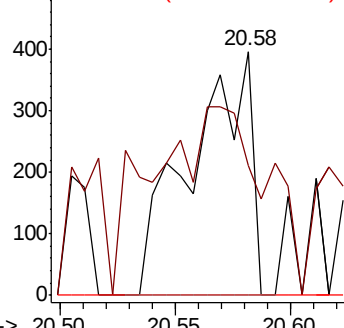
#80
 Butylbenzylphthalate
 Concen: 0.052 ng
 RT: 20.58 min Scan# 2977
 Delta R.T. 0.01 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:149 Resp: 720
 Ion Ratio Lower Upper
 149 100
 91 53.3 52.7 79.1
 206 0.0 18.6 28.0#

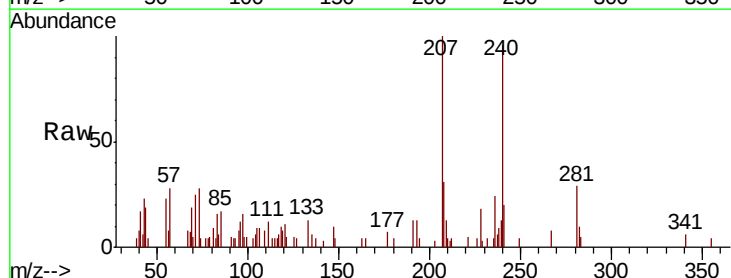


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E

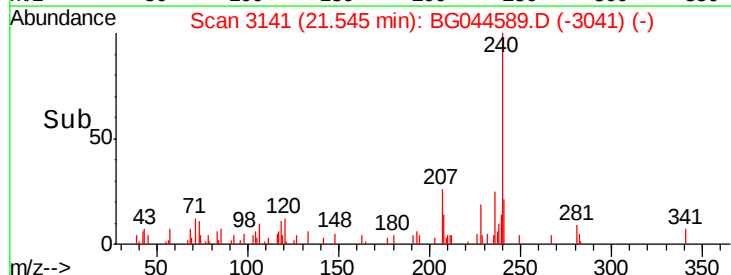
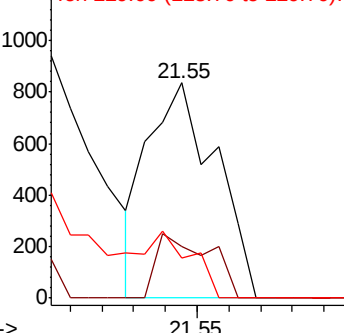


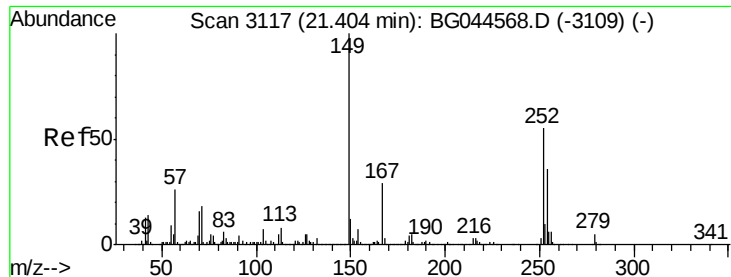
#81
 Benzo(a)anthracene
 Concen: 0.041 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. 0.06 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

Tgt Ion:228 Resp: 1241
 Ion Ratio Lower Upper
 228 100
 226 24.2 23.8 35.8
 229 18.8 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: 0.005 ng

RT: 21.36 min Scan# 3109

Delta R.T. -0.05 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

Instrument :

BNA_G

ClientSampleId :

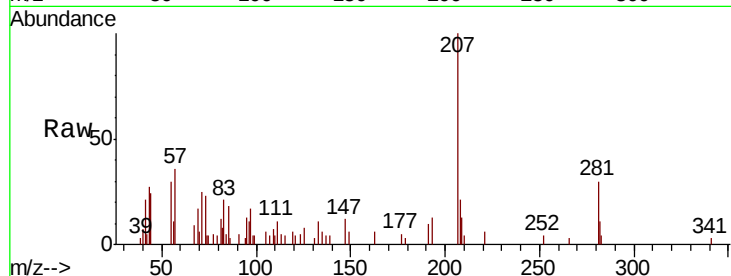
Tot Ion:252 Resp: 56

Ion Ratio Lower Upper

252 100

254 0.0 51.5 77.3#

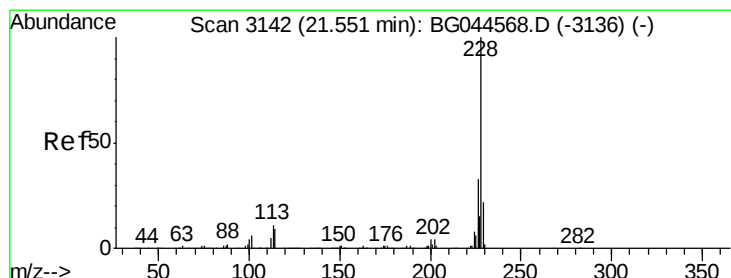
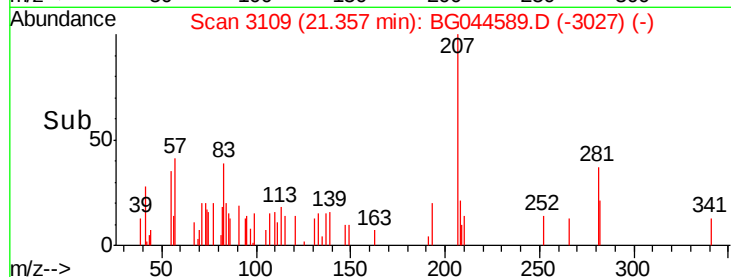
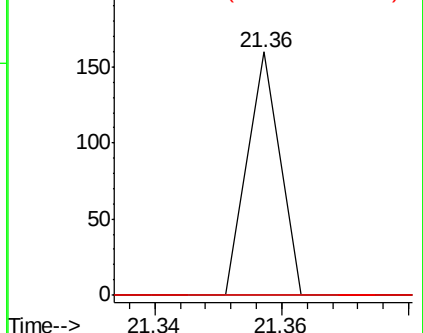
126 0.0 7.8 11.6#



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: 0.042 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

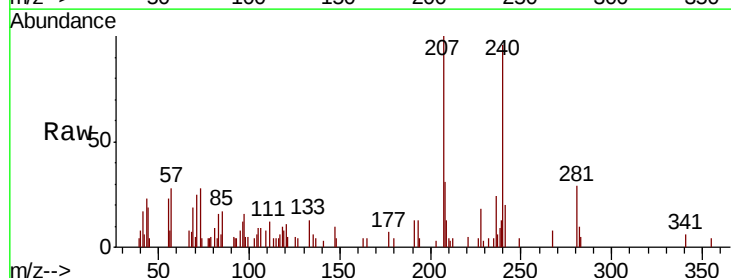
Tgt Ion:228 Resp: 1241

Ion Ratio Lower Upper

228 100

226 24.2 26.1 39.1#

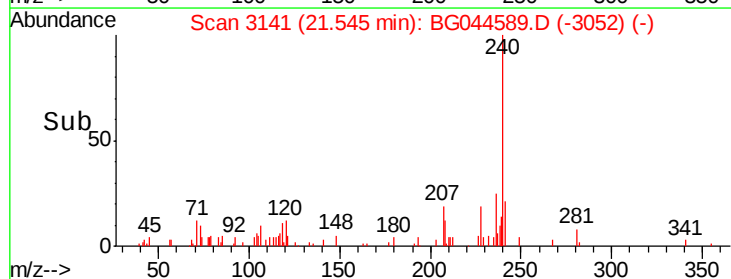
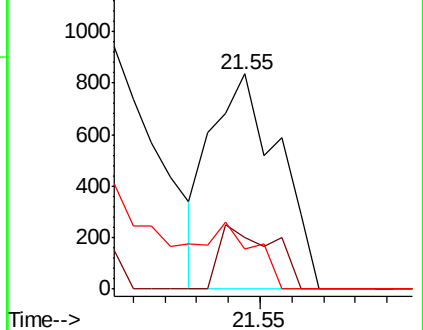
229 18.8 17.2 25.8

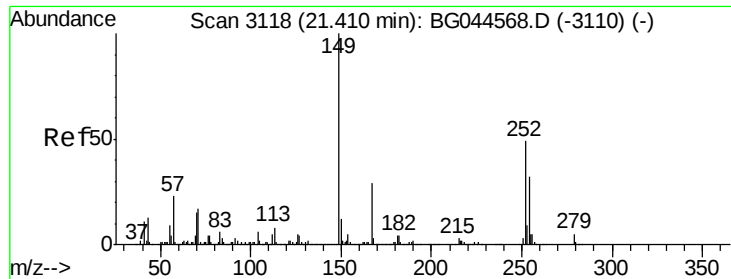


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.159 ng

RT: 21.40 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

Instrument :

BNA_G

ClientSampleId :

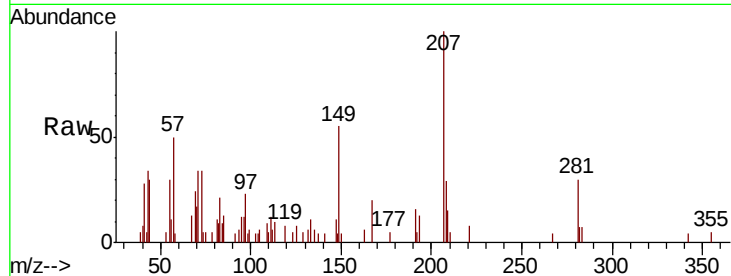
Tot Ion:149 Resp: 3036

Ion Ratio Lower Upper

149 100

167 37.0 23.4 35.0#

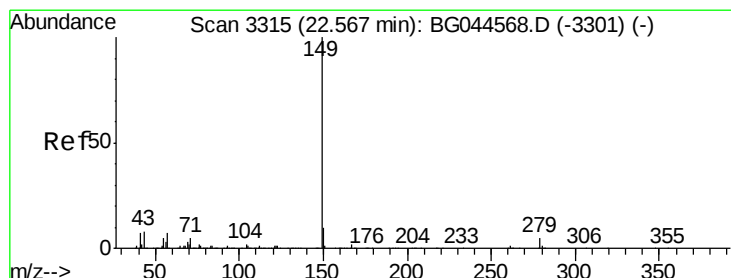
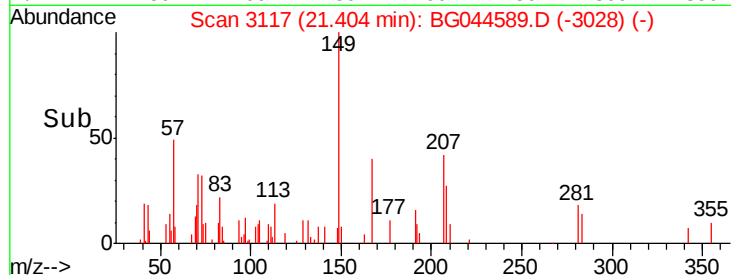
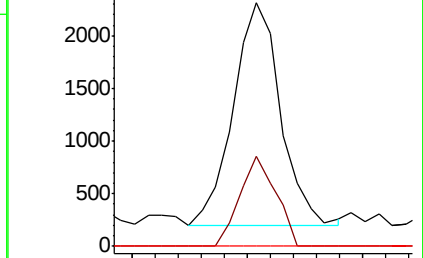
279 0.0 4.2 6.4#



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: 0.033 ng

RT: 22.56 min Scan# 3313

Delta R.T. -0.01 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

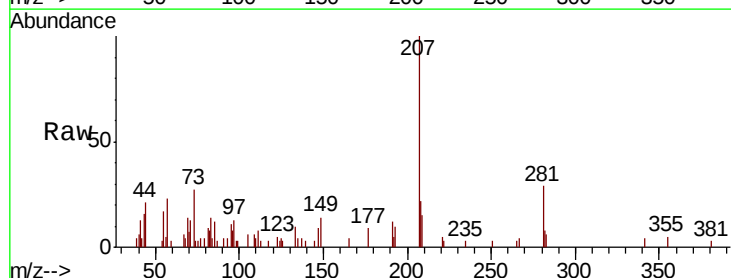
Tgt Ion:149 Resp: 1093

Ion Ratio Lower Upper

149 100

167 4.9 1.3 1.9#

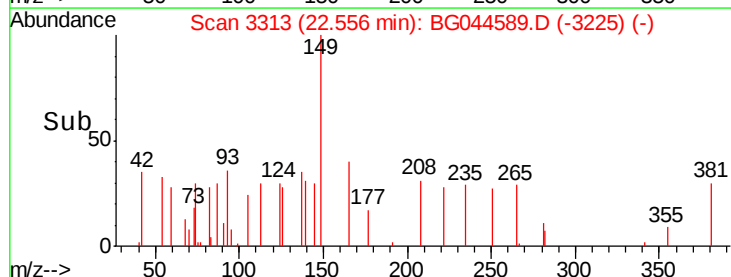
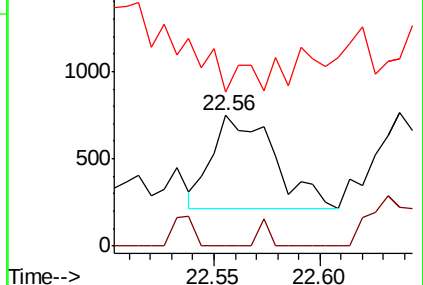
43 0.0 6.6 10.0#

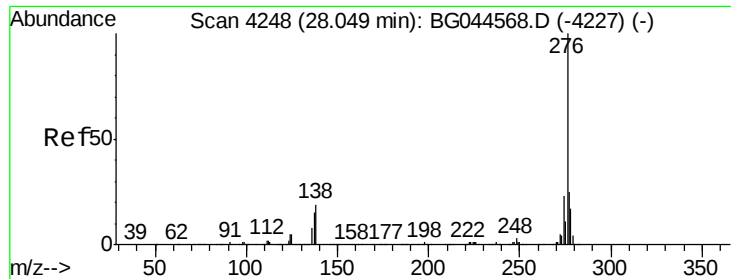


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

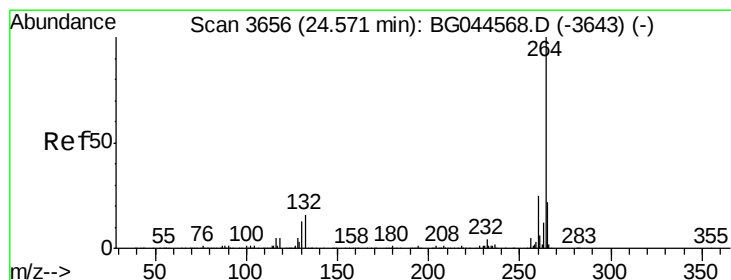
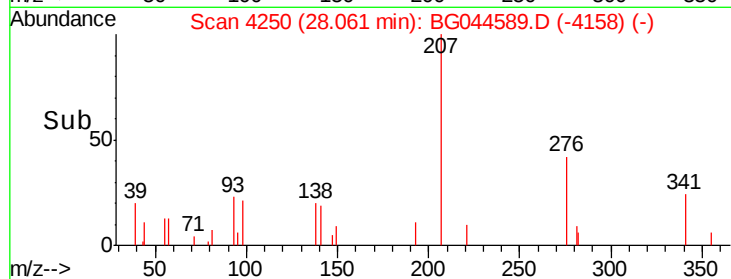
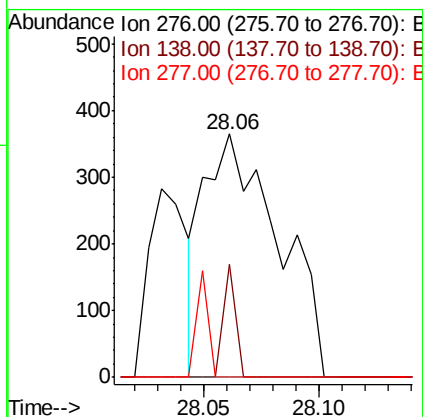
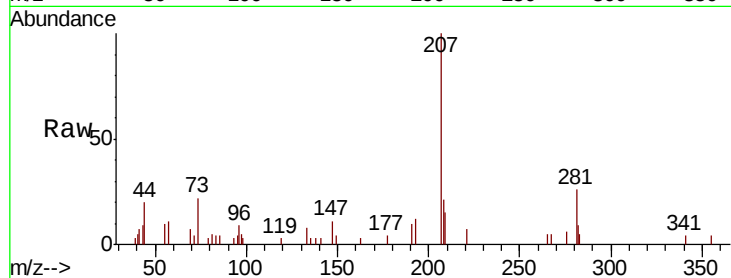




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.021 ng
 RT: 28.06 min Scan# 4250
 Delta R.T. 0.01 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

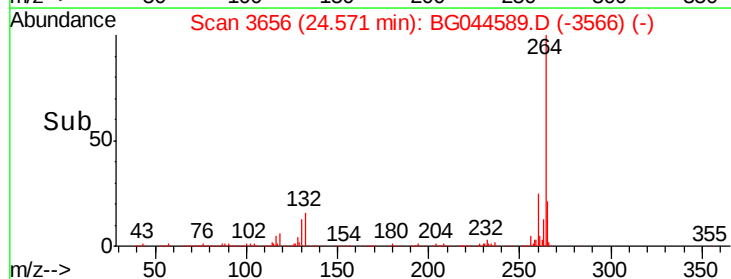
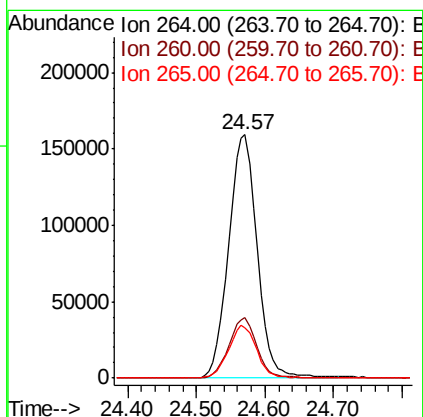
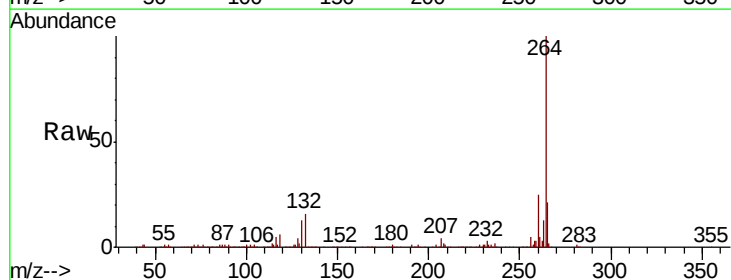
Instrument :
 BNA_G
 ClientSampleID :

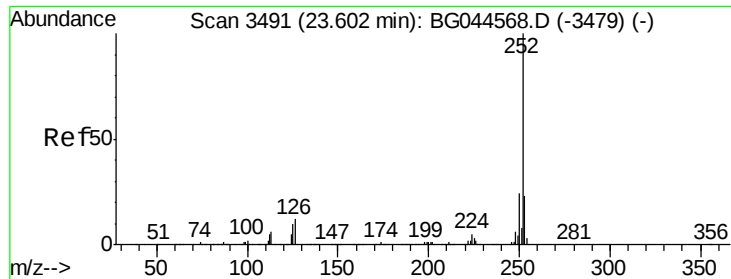
Tot Ion	Ratio	Lower	Upper
276	100		
138	7.4	18.2	27.4#
277	6.9	20.7	31.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.57 min Scan# 3656
 Delta R.T. 0.00 min
 Lab File: BG044589.D
 Acq: 25 Feb 2020 23:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	20.7	17.8	26.8

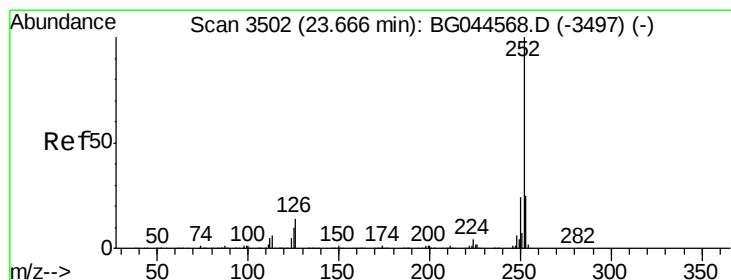
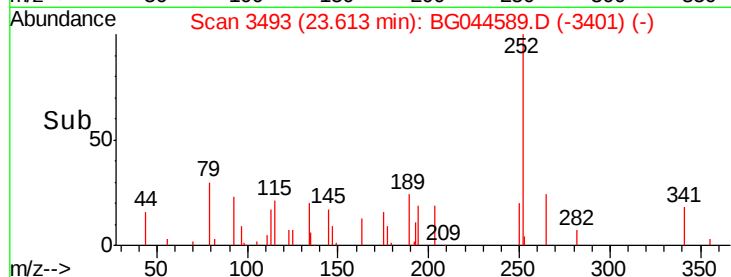
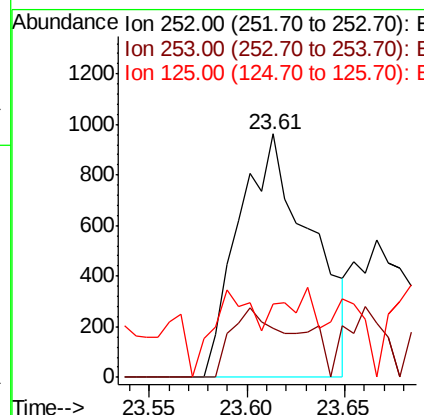
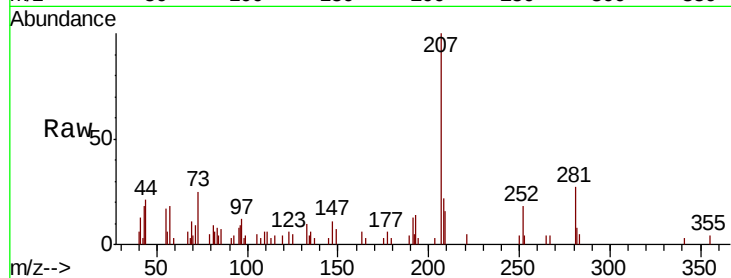




#88
Benzo(b)fluoranthene
Concen: 0.082 ng
RT: 23.61 min Scan# 3493
Delta R.T. 0.01 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

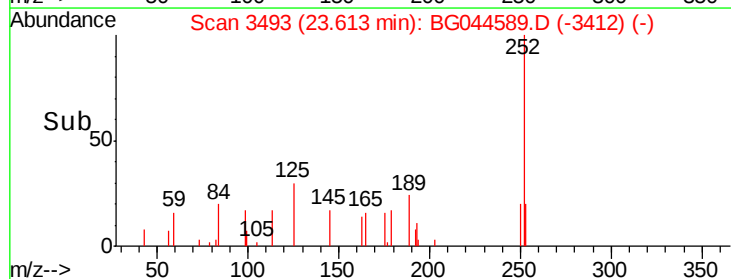
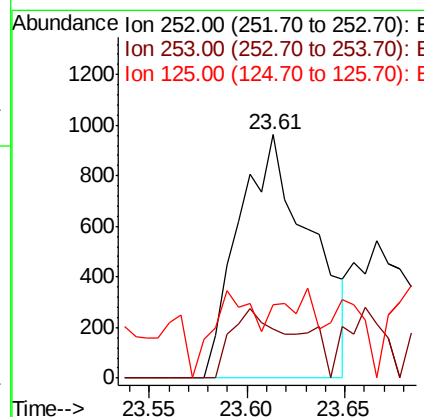
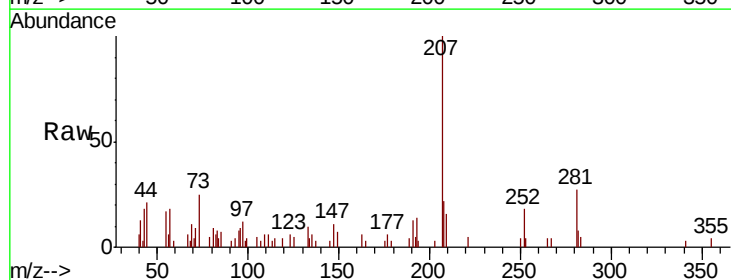
Instrument :
BNA_G
ClientSampleId :

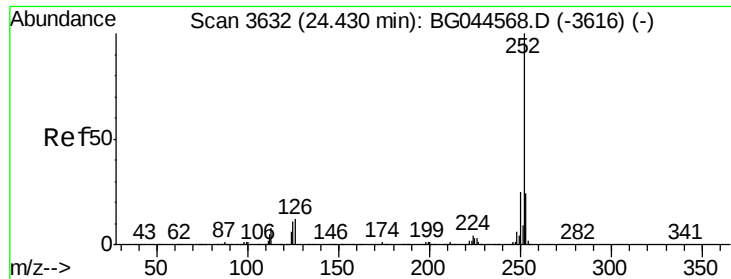
Tot Ion:252 Resp: 2474
Ion Ratio Lower Upper
252 100
253 20.1 18.4 27.6
125 30.0 7.9 11.9#



#89
Benzo(k)fluoranthene
Concen: 0.084 ng
RT: 23.61 min Scan# 3493
Delta R.T. -0.05 min
Lab File: BG044589.D
Acq: 25 Feb 2020 23:13

Tgt Ion:252 Resp: 2474
Ion Ratio Lower Upper
252 100
253 20.1 19.0 28.6
125 30.0 7.8 11.8#





#90

Benzo(a)pyrene

Concen: 0.050 ng

RT: 24.42 min Scan# 3631

Delta R.T. -0.01 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

Instrument :

BNA_G

ClientSampleId :

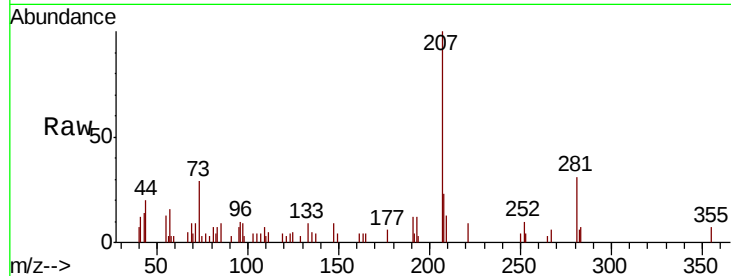
Tot Ion:252 Resp: 1416

Ion Ratio Lower Upper

252 100

253 34.6 19.0 28.4#

125 48.7 8.5 12.7#

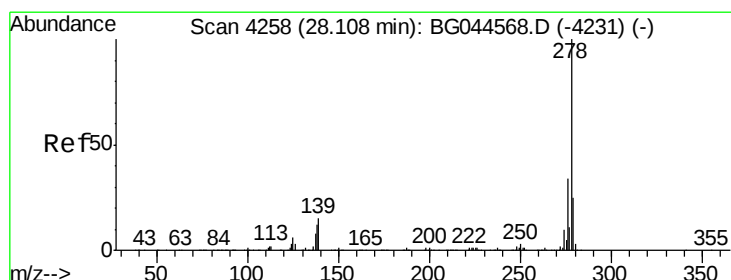
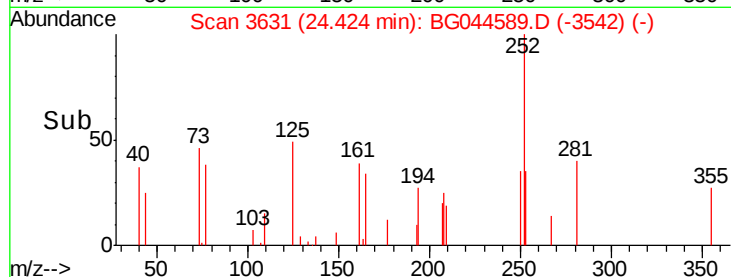
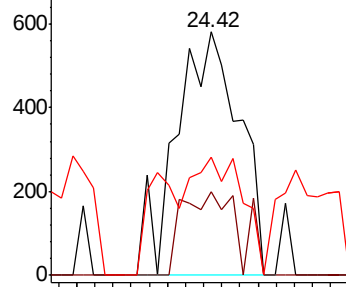


Abundance

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



#91

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 28.13 min Scan# 4261

Delta R.T. 0.02 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

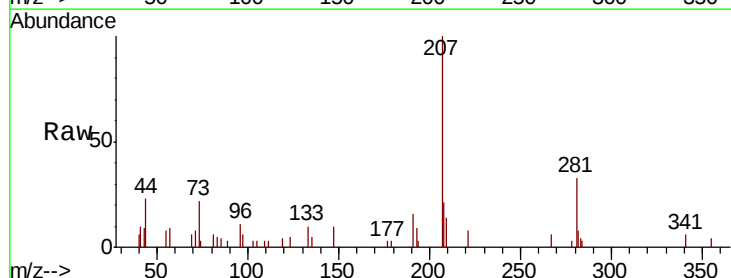
Tgt Ion:278 Resp: 56

Ion Ratio Lower Upper

278 100

139 0.0 11.7 17.5#

279 0.0 19.8 29.6#

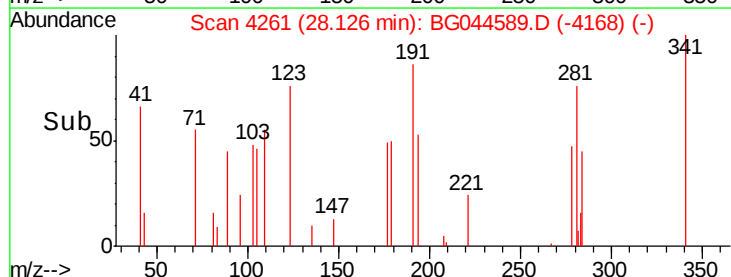
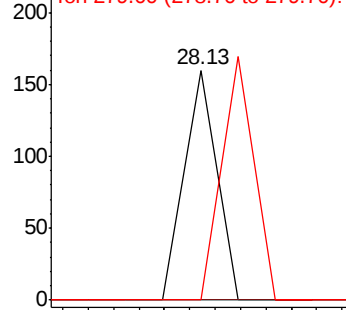


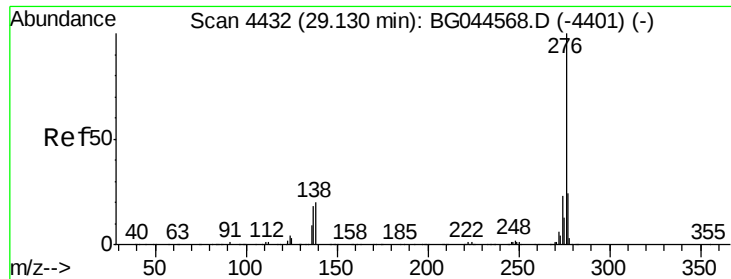
Abundance

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(a,h,i)perylene

Concen: 0.035 ng

RT: 29.15 min Scan# 4435

Delta R.T. 0.02 min

Lab File: BG044589.D

Acq: 25 Feb 2020 23:13

Instrument :

BNA_G

ClientSampleId :

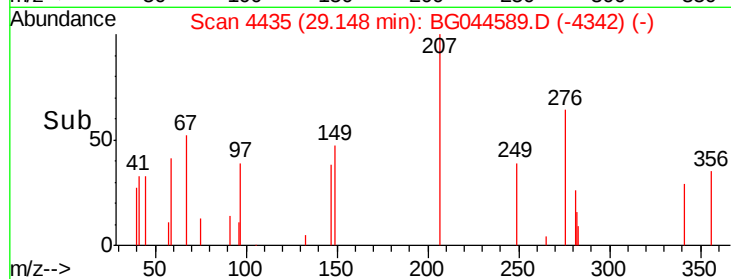
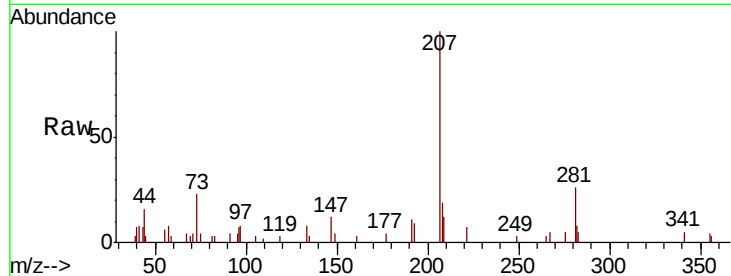
Tot Ion: 276 Resp: 985

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

