

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043663.D
 Acq On : 15 Nov 2019 23:08
 Operator : JU
 Sample : K5813-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-B

Quant Time: Nov 16 01:14:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	21623	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	70558	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	59350	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	165731	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	195929	20.00	ng	-0.02
87) Perylene-d12	24.81	264	221216	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	175146	148.43	ng	0.00
7) Phenol-d6	7.19	99	237076	139.64	ng	0.00
23) Nitrobenzene-d5	9.16	82	143209	104.64	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	154705	136.98	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	398299	92.73	ng	-0.02
79) Terphenyl-d14	19.98	244	1073329	102.77	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	148	0.322	ng	# 41
3) Pyridine	3.98	79	55	0.047	ng	# 22
4) n-Nitrosodimethylamine	3.76	42	694	1.186	ng	# 1
6) Aniline	7.52	93	67	0.034	ng	# 1
9) Benzaldehyde	7.18	77	217	0.260	ng	# 5
10) Phenol	7.55	94	327	0.211	ng	# 1
11) bis(2-Chloroethyl)ether	7.52	93	67	0.056	ng	# 1
15) Benzyl Alcohol	8.32	79	2763	2.317	ng	# 56
16) 2,2'-oxybis(1-Chloropropan	8.59	45	56	0.032	ng	# 66
19) n-Nitroso-di-n-propylamine	9.16	70	18843	17.176	ng	# 75
24) Nitrobenzene	9.15	77	543	0.416	ng	# 40
25) Isophorone	9.65	82	218	0.087	ng	# 64
31) Naphthalene	10.85	128	3907	1.091	ng	# 66
33) 4-Chloroaniline	10.85	127	389	0.265	ng	# 66
34) Hexachlorobutadiene	11.27	225	54	0.050	ng	# 16
37) 2-Methylnaphthalene	12.48	142	72	0.026	ng	# 12
38) 1-Methylnaphthalene	12.69	142	70	0.027	ng	# 8
46) 1,1'-Biphenyl	13.47	154	665	0.147	ng	# 43
48) 2-Nitroaniline	13.25	65	640	0.623	ng	# 1
51) 2,6-Dinitrotoluene	14.63	165	7804	7.814	ng	# 22
52) Acenaphthene	14.67	154	54	0.017	ng	# 6
57) 2,4-Dinitrotoluene	14.63	165	7804	5.468	ng	# 25
58) Fluorene	16.11	166	3787	0.854	ng	# 79
60) Diethylphthalate	15.62	149	71	0.015	ng	# 56
63) Azobenzene	15.88	77	74	0.020	ng	# 46
65) 4,6-Dinitro-2-methylphenol	16.12	198	77	0.079	ng	# 1
66) n-Nitrosodiphenylamine	16.12	169	4395	0.939	ng	# 43
67) 4-Bromophenyl-phenylether	16.12	248	10353	4.642	ng	# 1
71) Phenanthrene	17.42	178	78	0.009	ng	# 60
72) Anthracene	17.42	178	78	0.009	ng	# 59
74) Di-n-butylphthalate	18.35	149	128	0.014	ng	# 77
75) Fluoranthene	19.12	202	61	0.006	ng	# 65
77) Benzidine	19.65	184	14679	3.723	ng	# 95
78) Pyrene	19.99	202	3667	0.302	ng	# 59

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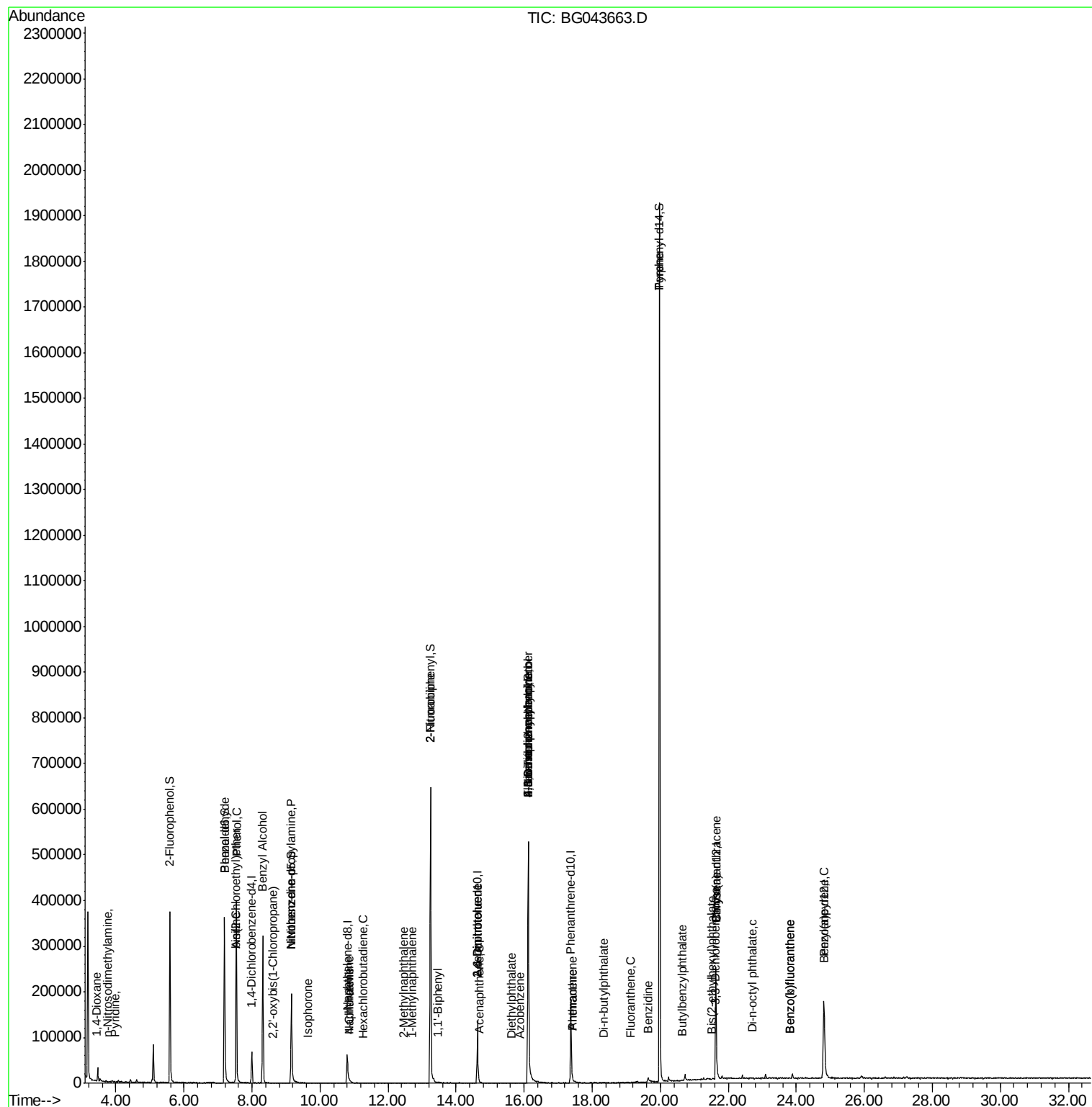
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Butylbenzylphthalate	20.66	149	55	0.012	nq	# 27
81) Benzo(a)anthracene	21.64	228	508	0.041	nq	# 3
82) 3,3'-Dichlorobenzidine	21.61	252	60	0.013	nq	# 25
83) Chrysene	21.64	228	508	0.042	nq	# 3
84) Bis(2-ethylhexyl)phthalate	21.52	149	300	0.046	nq	# 51
85) Di-n-octyl phthalate	22.70	149	68	0.006	nq	# 1
88) Benzo(b)fluoranthene	23.81	252	76	0.006	nq	# 60
89) Benzo(k)fluoranthene	23.81	252	76	0.006	nq	# 60
90) Benzo(a)pyrene	24.80	252	541	0.045	nq	# 79

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

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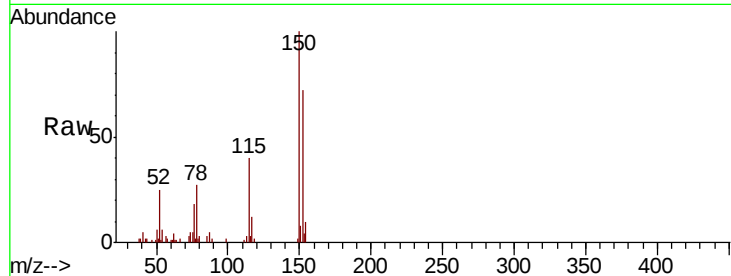


#1

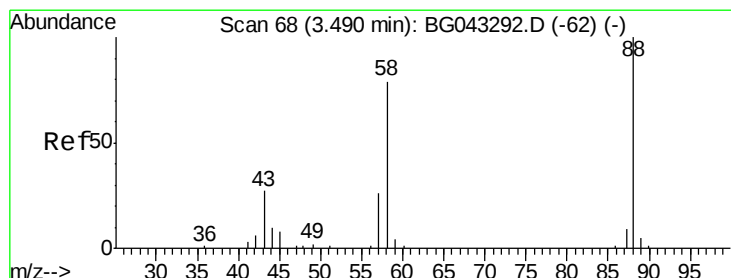
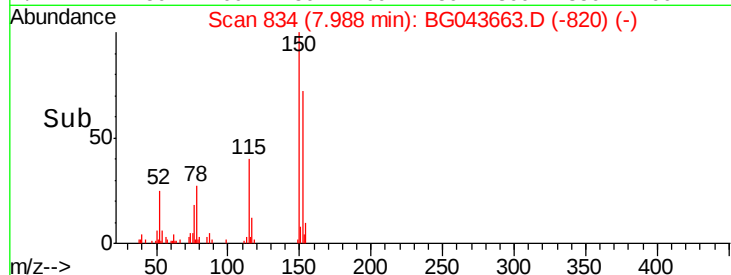
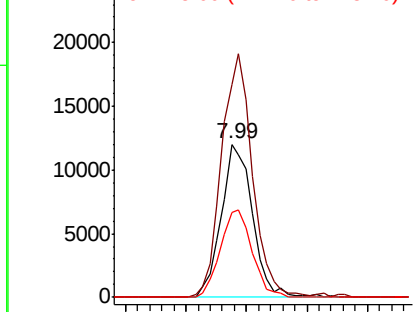
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043663.D
Acq: 15 Nov 2019 23:08

Instrument :
BNA_G
ClientSampleId :
SP-B

Tot Ion:152 Resp: 21623
Ion Ratio Lower Upper
152 100
150 139.2 129.4 194.0
115 55.2 48.8 73.2



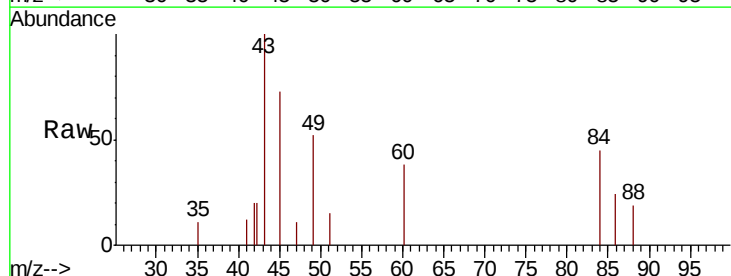
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



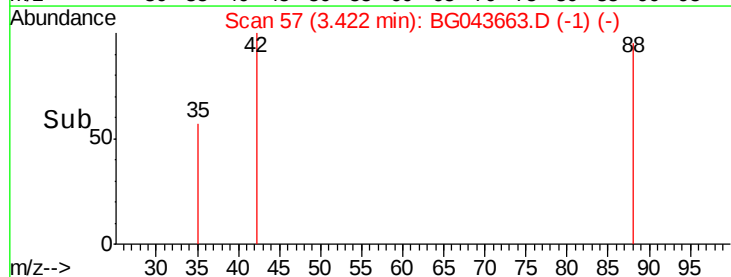
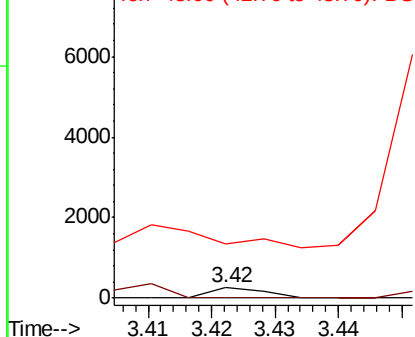
#2

1,4-Dioxane
Concen: 0.322 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.05 min
Lab File: BG043663.D
Acq: 15 Nov 2019 23:08

Tgt Ion: 88 Resp: 148
Ion Ratio Lower Upper
88 100
58 131.8 62.7 94.1#
43 0.0 23.7 35.5#



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: 0.047 ng

RT: 3.98 min Scan# 152

Delta R.T. 0.10 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampleId :

SP-B

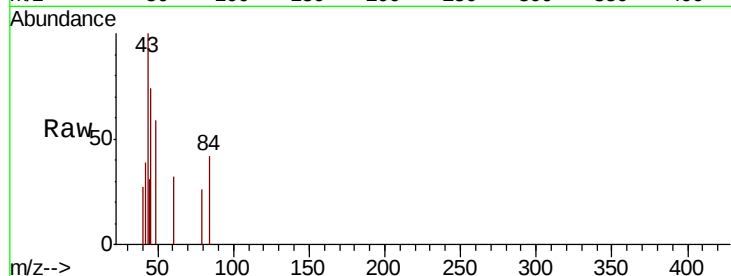
Tot Ion: 79 Resp: 55

Ion Ratio Lower Upper

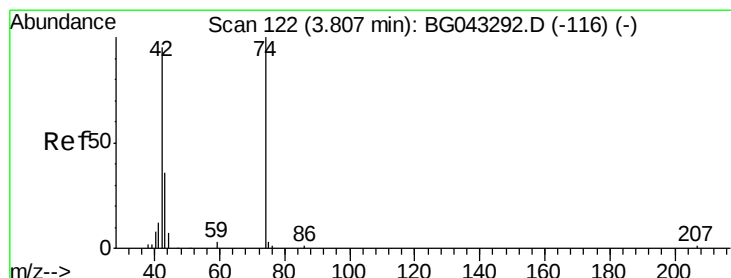
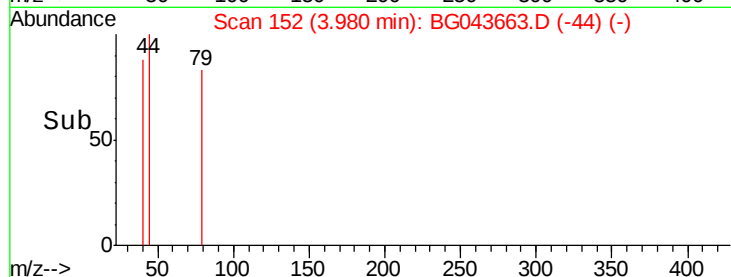
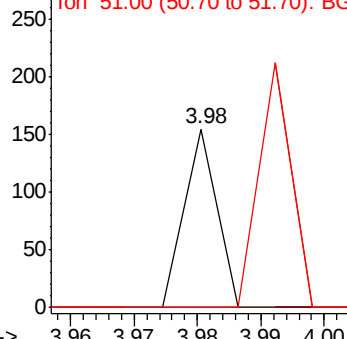
79 100

52 0.0 56.5 84.7#

51 0.0 33.2 49.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 1.186 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.03 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

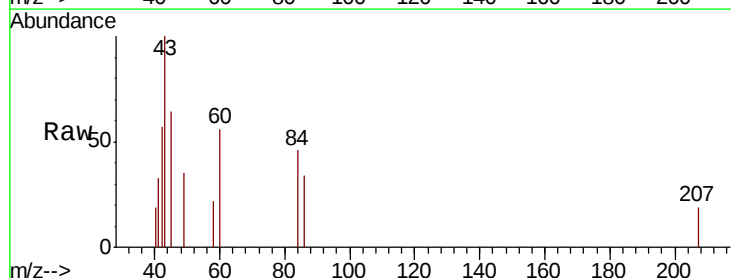
Tgt Ion: 42 Resp: 694

Ion Ratio Lower Upper

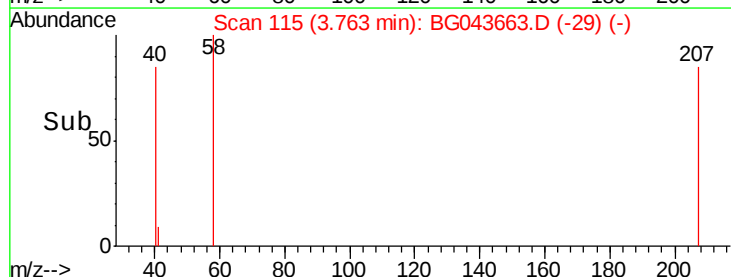
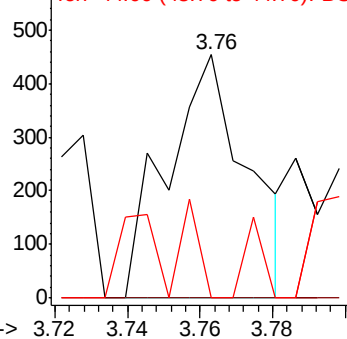
42 100

74 0.0 97.3 145.9#

44 0.0 4.4 6.6#



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: 148.428 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

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ClientSampleId :

SP-B

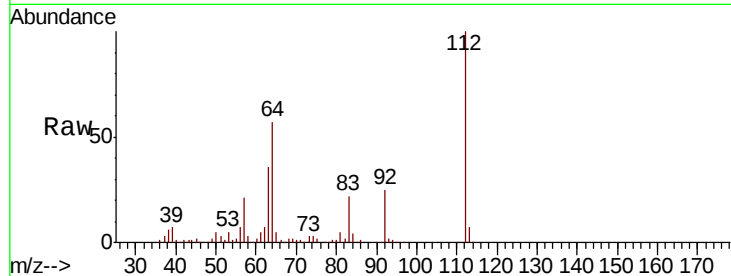
Tot Ion:112 Resp: 175146

Ion Ratio Lower Upper

112 100

64 57.5 50.0 75.0

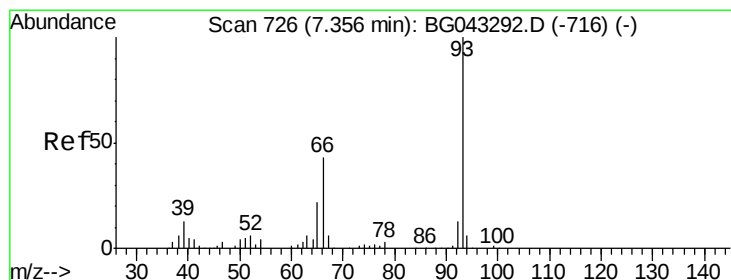
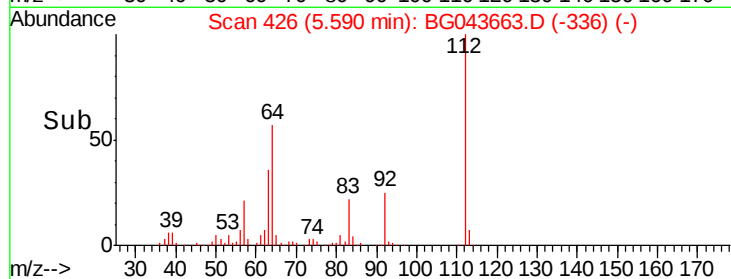
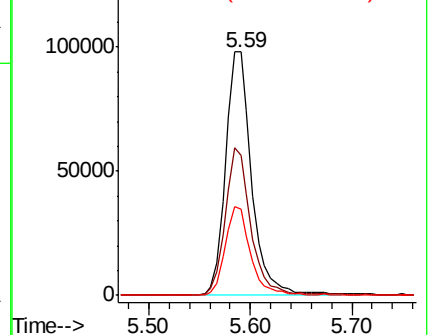
63 35.5 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.034 ng

RT: 7.52 min Scan# 754

Delta R.T. 0.18 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

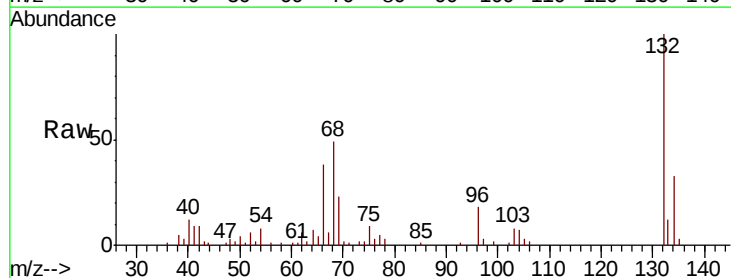
Tgt Ion: 93 Resp: 67

Ion Ratio Lower Upper

93 100

66 4190.1 32.3 48.5#

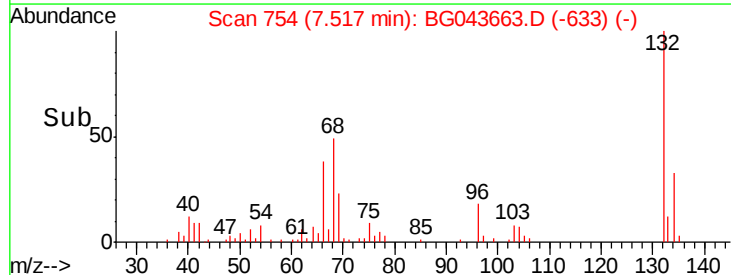
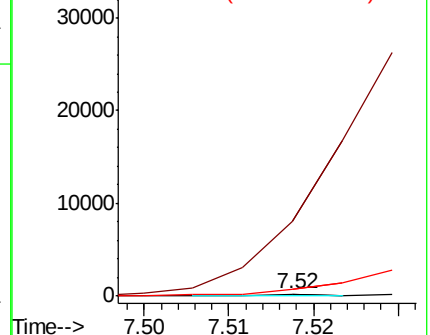
65 403.7 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.641 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

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ClientSampleId :

SP-B

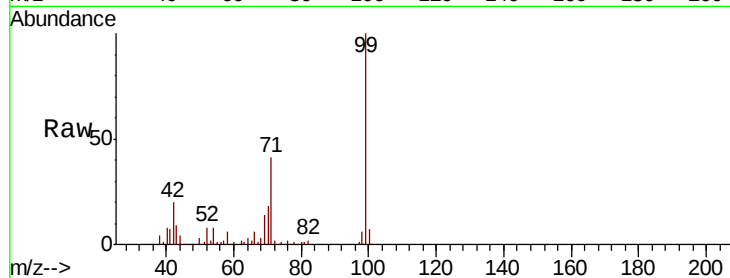
Tot Ion: 99 Resp: 237076

Ion Ratio Lower Upper

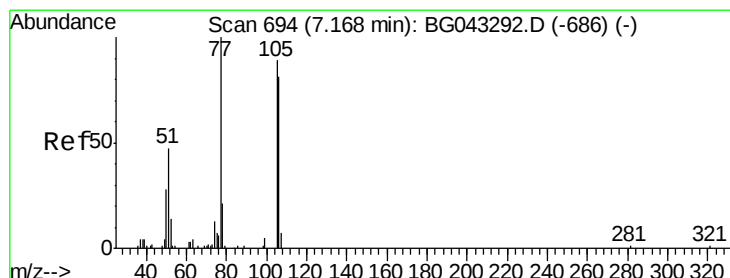
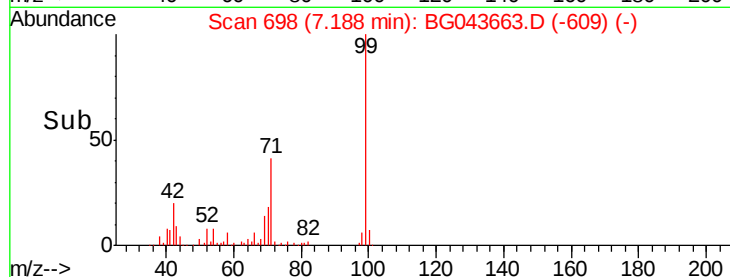
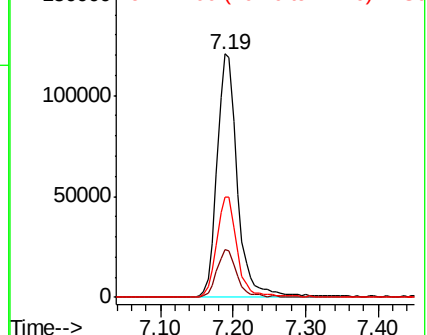
99 100

42 19.8 14.6 21.8

71 40.9 32.5 48.7



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: 0.260 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.03 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

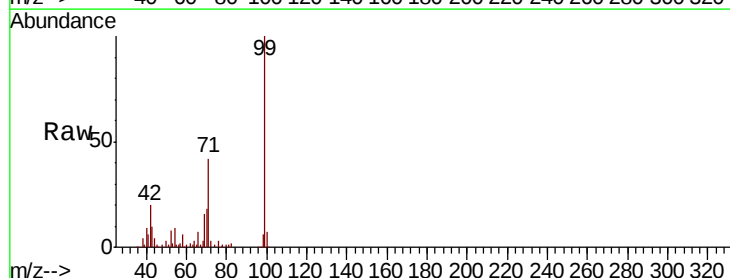
Tgt Ion: 77 Resp: 217

Ion Ratio Lower Upper

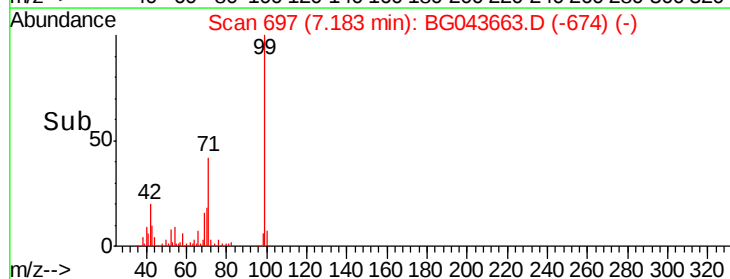
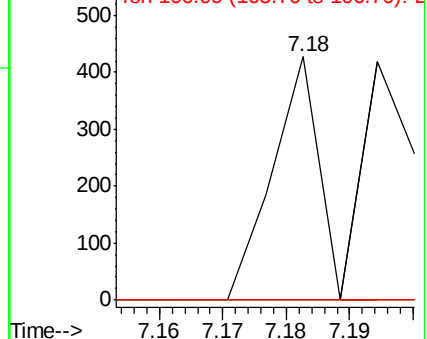
77 100

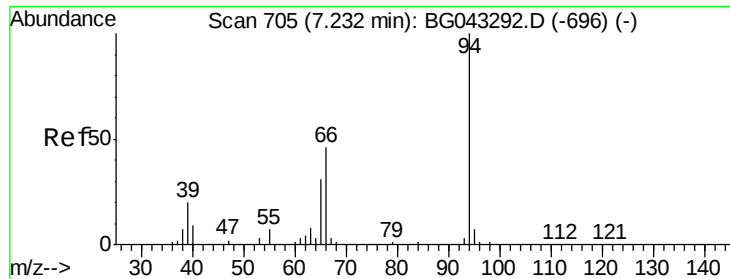
105 0.0 68.6 108.6#

106 0.0 69.9 109.9#



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: 0.211 ng

RT: 7.55 min Scan# 759

Delta R.T. 0.33 min

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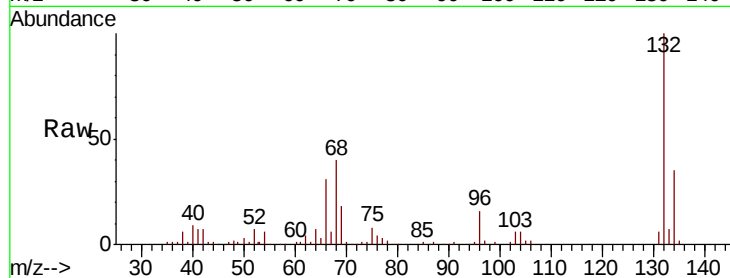
Tot Ion: 94 Resp: 327

Ion Ratio Lower Upper

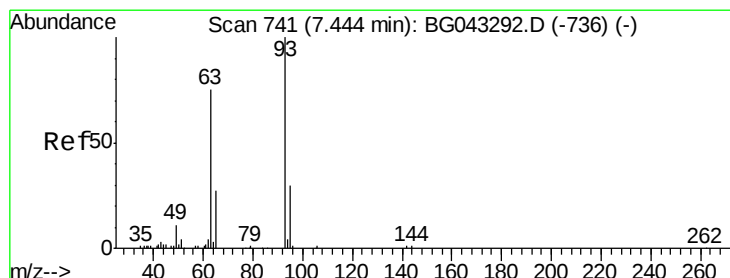
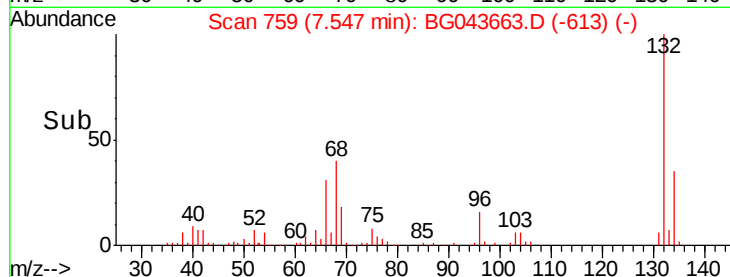
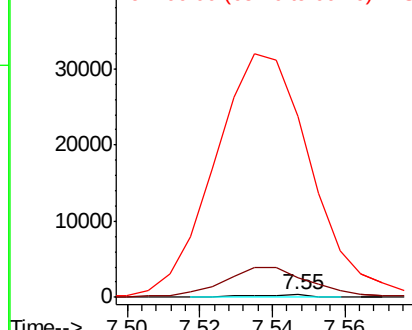
94 100

65 798.1 12.6 52.6#

66 7336.2 30.7 70.7#



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



#11

bis(2-Chloroethyl)ether

Concen: 0.056 ng

RT: 7.52 min Scan# 754

Delta R.T. 0.09 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

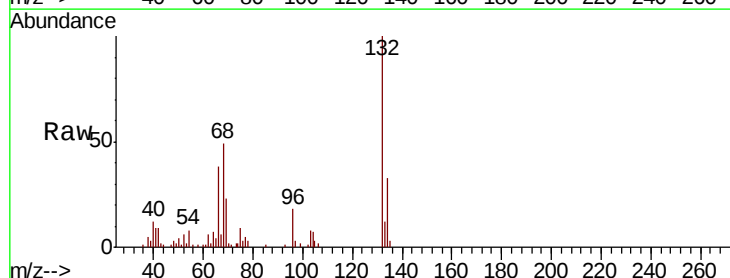
Tgt Ion: 93 Resp: 67

Ion Ratio Lower Upper

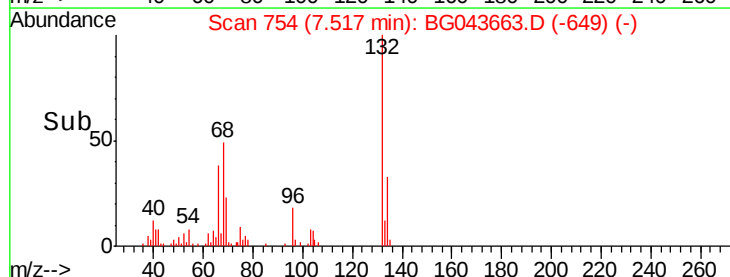
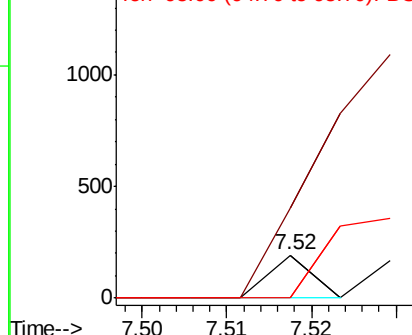
93 100

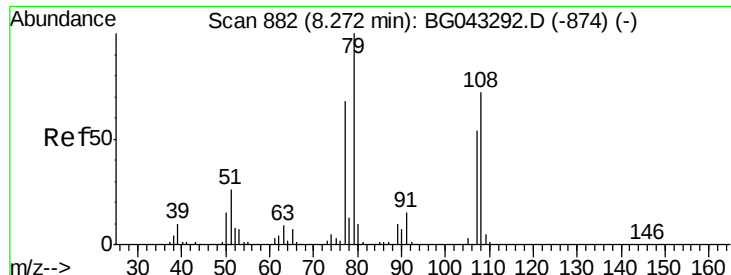
63 209.9 56.3 96.3#

95 0.0 12.2 52.2#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#15

Benzyl Alcohol

Concen: 2.317 ng

RT: 8.32 min Scan# 890

Delta R.T. 0.06 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

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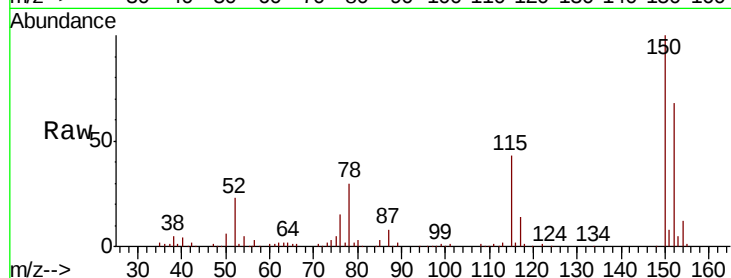
Tot Ion: 79 Resp: 2763

Ion Ratio Lower Upper

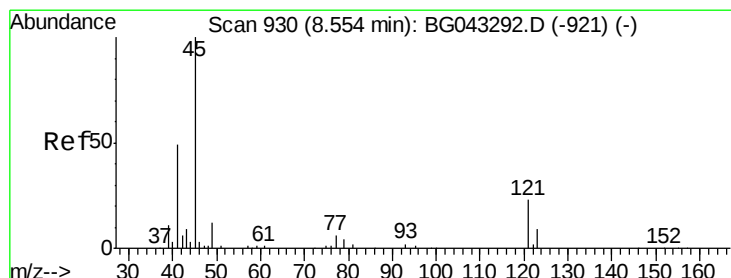
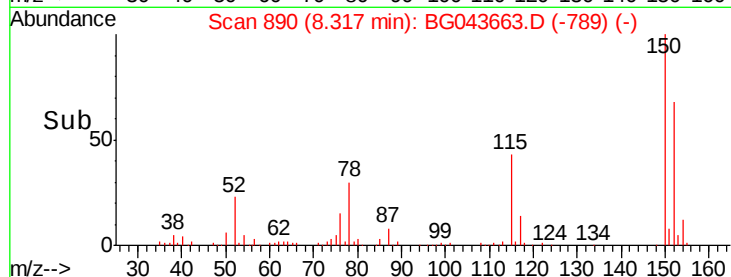
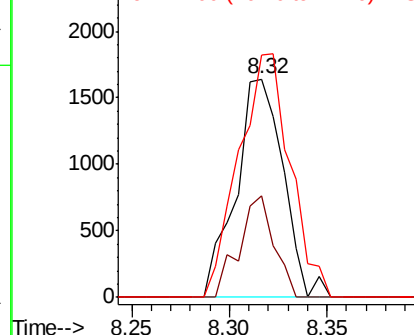
79 100

108 46.6 53.6 80.4#

77 111.0 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.032 ng

RT: 8.59 min Scan# 937

Delta R.T. 0.05 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

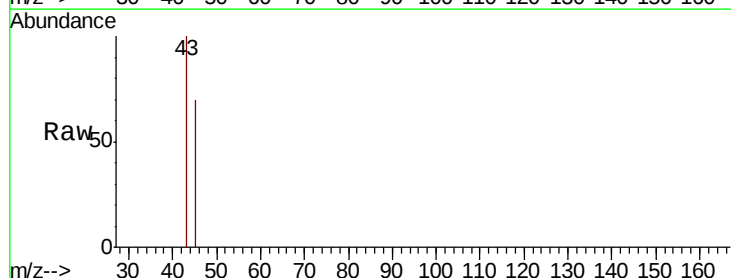
Tgt Ion: 45 Resp: 56

Ion Ratio Lower Upper

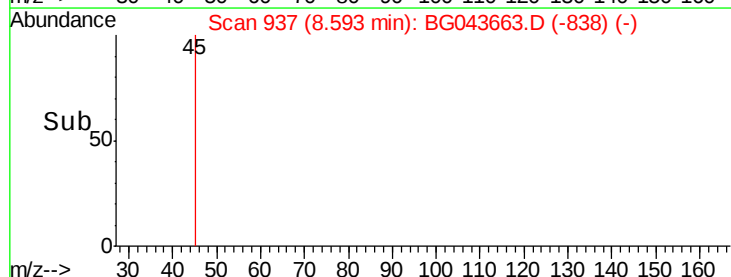
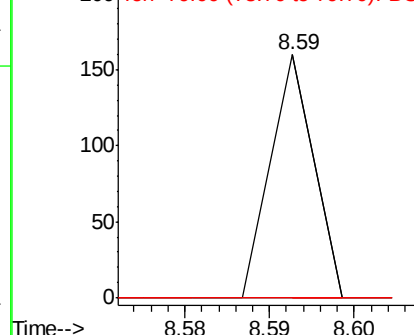
45 100

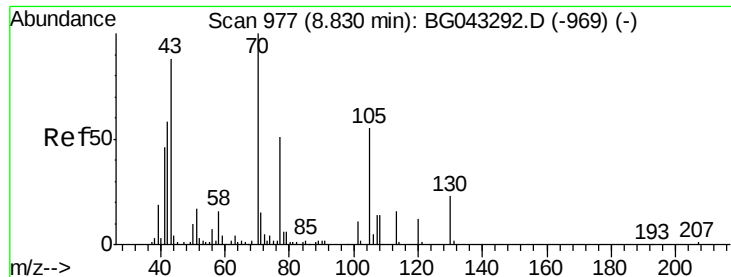
77 0.0 0.0 34.9

79 0.0 0.0 33.0



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





#19

n-Nitroso-di-n-propylamine

Concen: 17.176 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.34 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampled :

SP-B

Tot Ion: 70 Resp: 18843

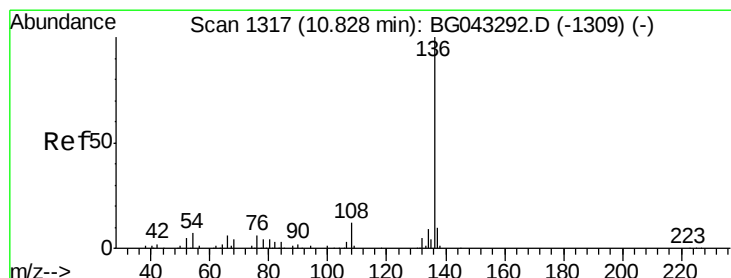
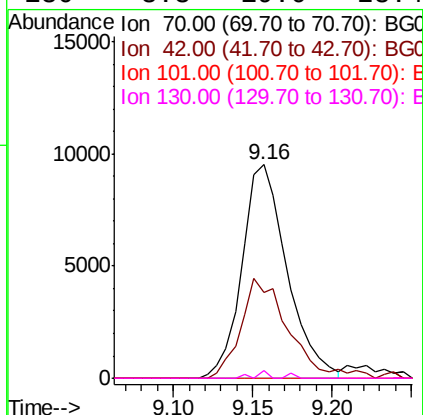
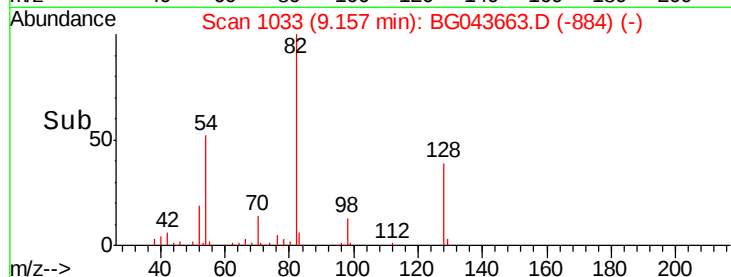
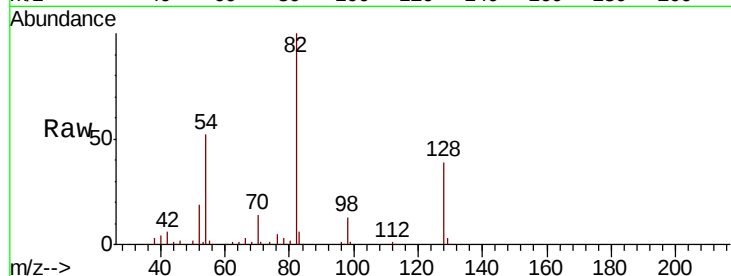
Ion Ratio Lower Upper

70 100

42 40.3 41.4 62.2#

101 0.0 7.9 11.9#

130 3.3 19.0 28.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Tgt Ion: 136 Resp: 70558

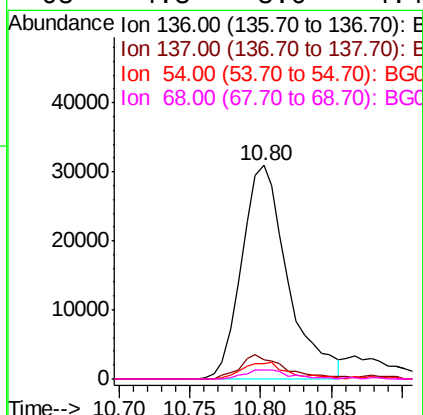
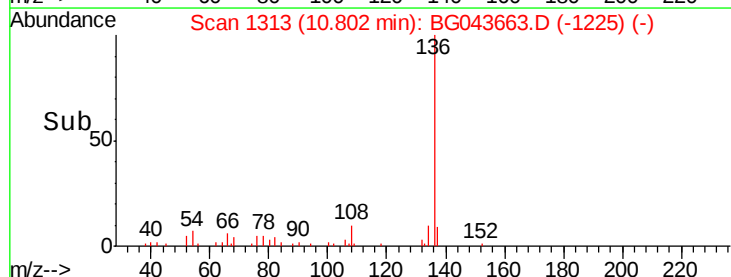
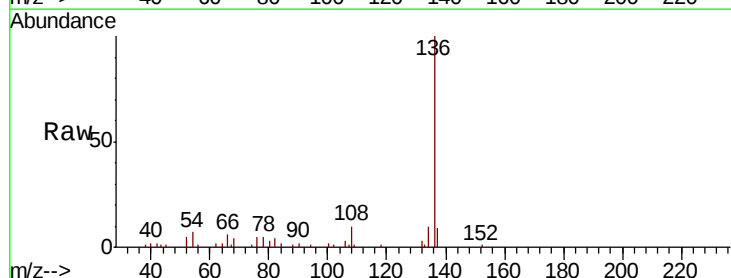
Ion Ratio Lower Upper

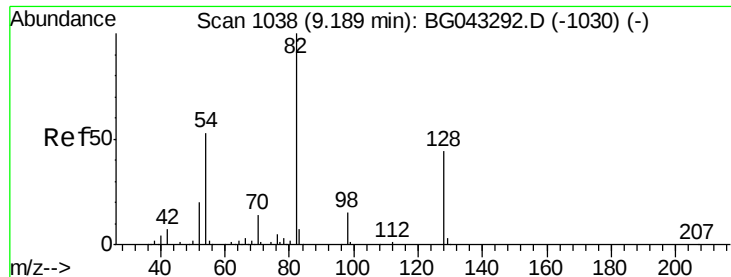
136 100

137 9.0 8.7 13.1

54 7.3 5.4 8.2

68 4.3 3.0 4.4

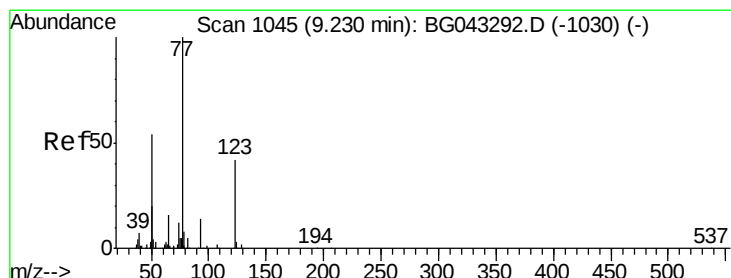
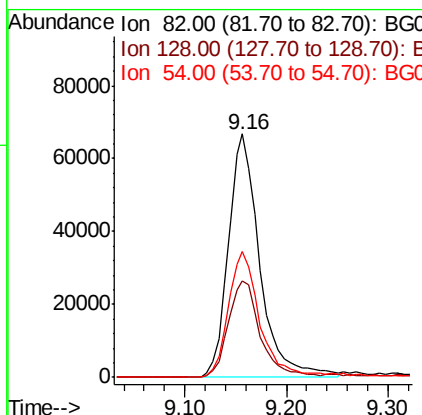
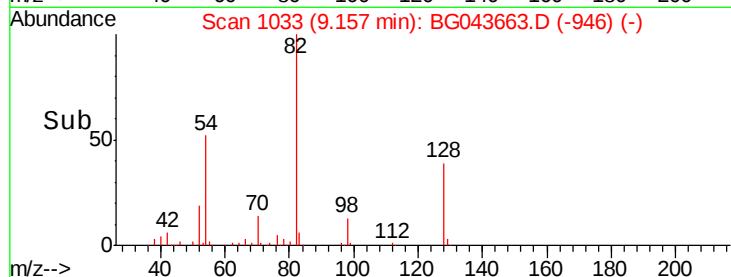
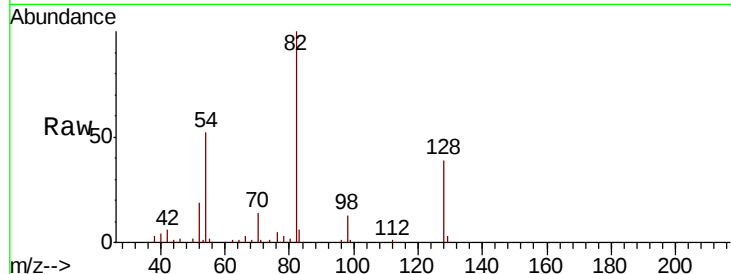




#23
Nitrobenzene-d5
Concen: 104.638 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043663.D
Acq: 15 Nov 2019 23:08

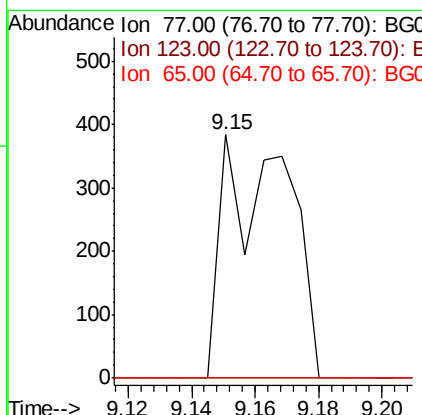
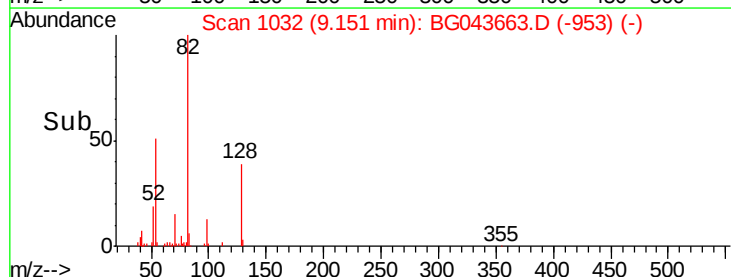
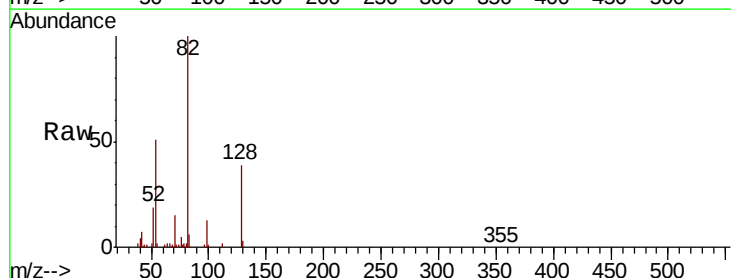
Instrument :
BNA_G
ClientSampleId :
SP-B

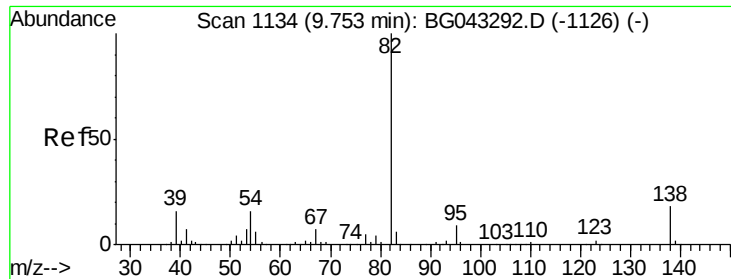
Tot Ion: 82 Resp: 143209
Ion Ratio Lower Upper
82 100
128 39.4 35.0 52.6
54 51.7 40.2 60.2



#24
Nitrobenzene
Concen: 0.416 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.07 min
Lab File: BG043663.D
Acq: 15 Nov 2019 23:08

Tgt Ion: 77 Resp: 543
Ion Ratio Lower Upper
77 100
123 0.0 35.0 52.6#
65 0.0 9.5 14.3#





#25

Isophorone

Concen: 0.087 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.08 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampleId :

SP-B

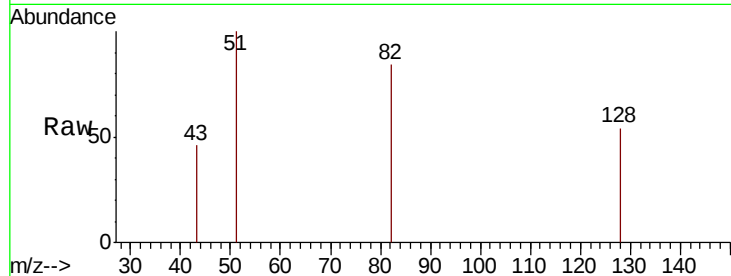
Tot Ion: 82 Resp: 218

Ion Ratio Lower Upper

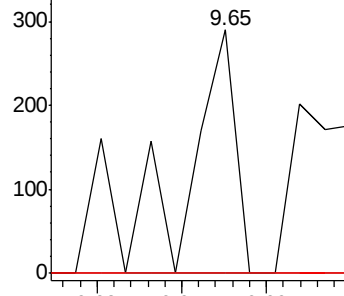
82 100

95 0.0 6.6 9.8#

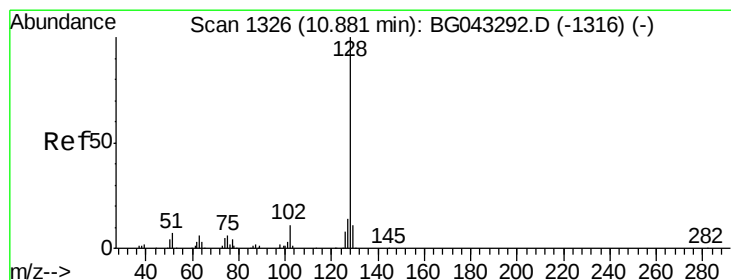
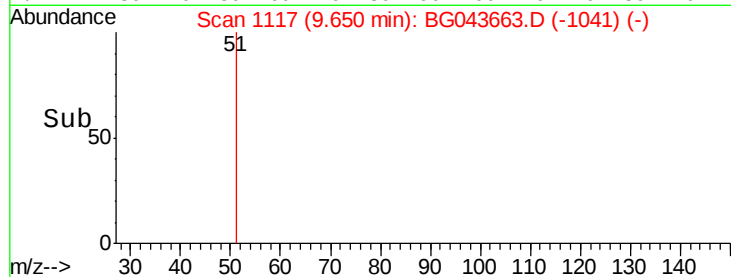
138 0.0 15.2 22.8#



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



Time-->



#31

Naphthalene

Concen: 1.091 ng

RT: 10.85 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

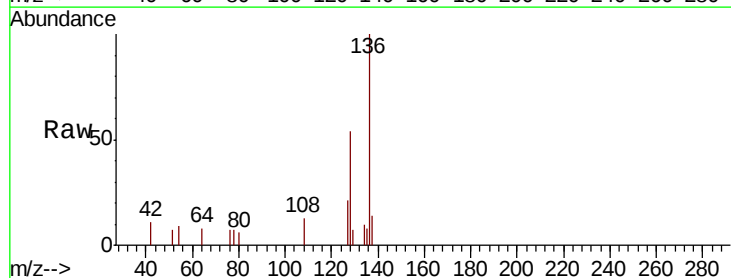
Tgt Ion: 128 Resp: 3907

Ion Ratio Lower Upper

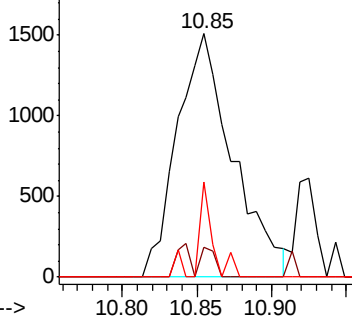
128 100

129 12.1 9.4 14.0

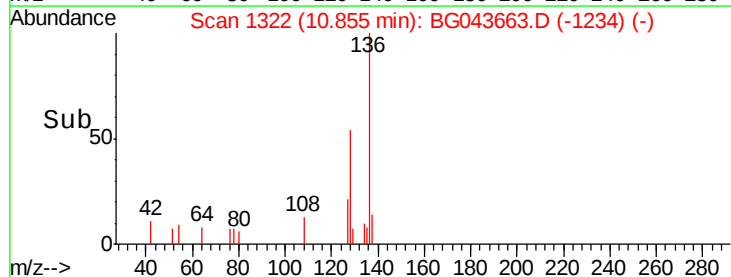
127 38.9 11.1 16.7#

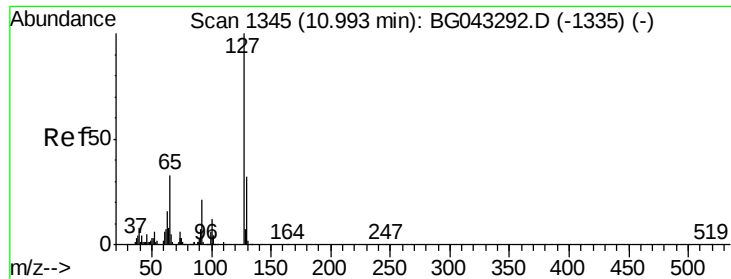


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->

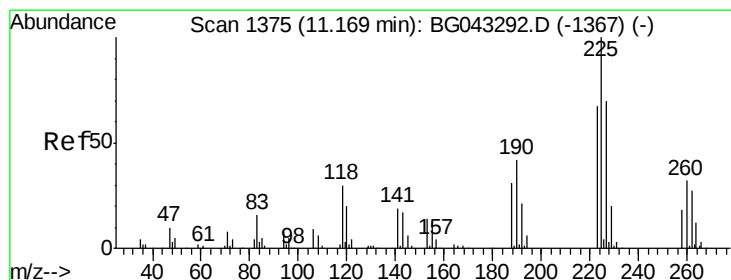
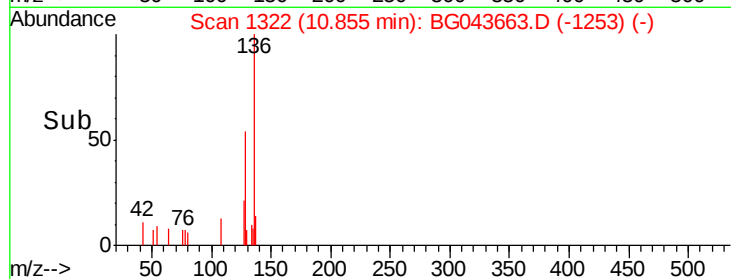
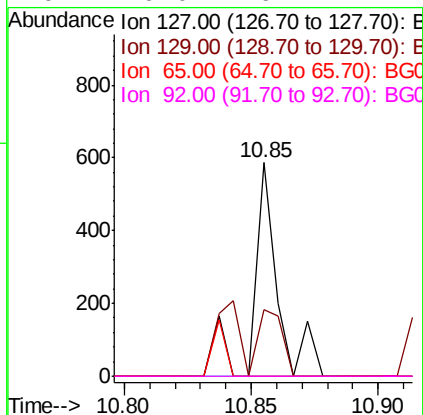
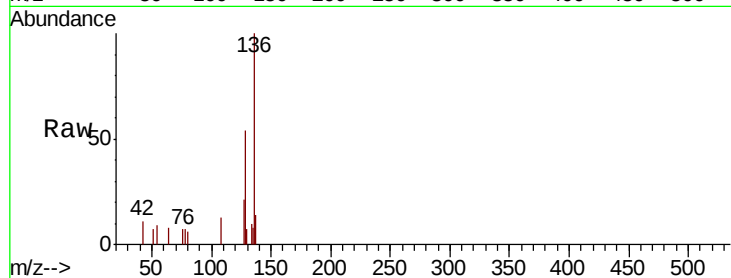




#33
4-Chloroaniline
Concen: 0.265 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.13 min
Lab File: BG043663.D
Acq: 15 Nov 2019 23:08

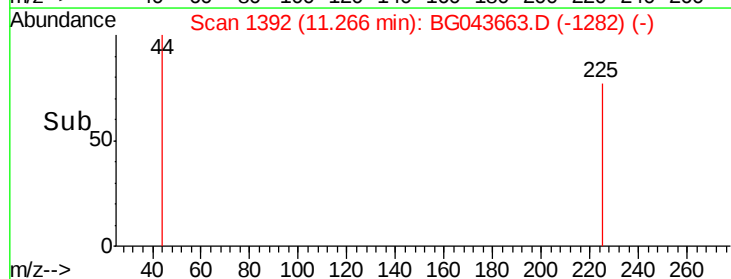
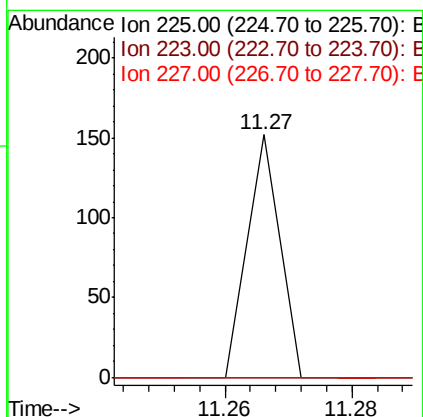
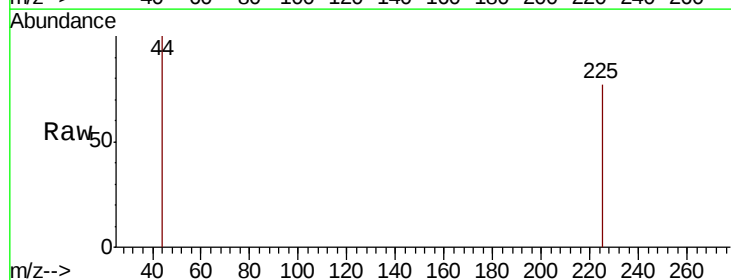
Instrument :
BNA_G
ClientSampleId :
SP-B

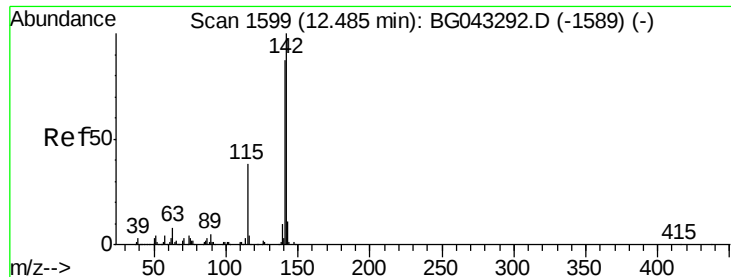
Tot Ion:127	Resp:	389
Ion Ratio	Lower	Upper
127	100	
129	31.2	26.5 39.7
65	0.0	26.4 39.6#
92	0.0	16.2 24.2#



#34
Hexachlorobutadiene
Concen: 0.050 ng
RT: 11.27 min Scan# 1392
Delta R.T. 0.12 min
Lab File: BG043663.D
Acq: 15 Nov 2019 23:08

Tgt Ion:225	Resp:	54
Ion Ratio	Lower	Upper
225	100	
223	0.0	52.7 79.1#
227	0.0	54.8 82.2#

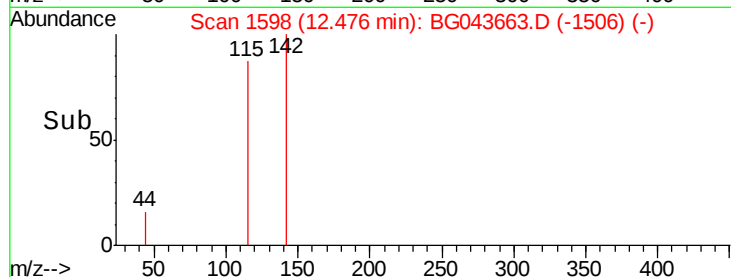
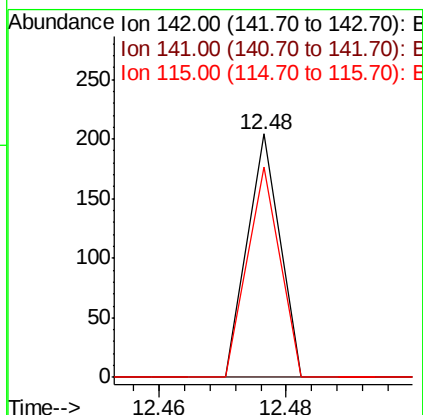
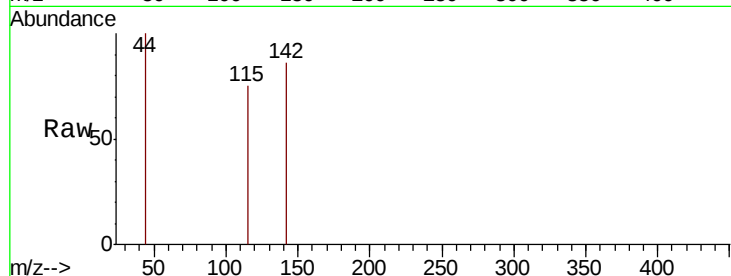




#37
 2-Methylnaphthalene
 Concen: 0.026 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BG043663.D
 Acq: 15 Nov 2019 23:08

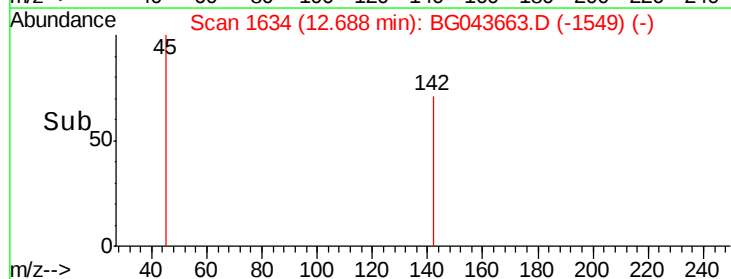
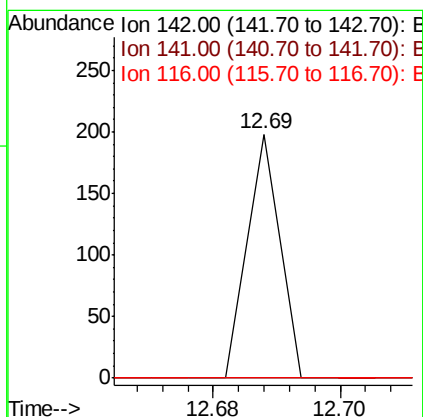
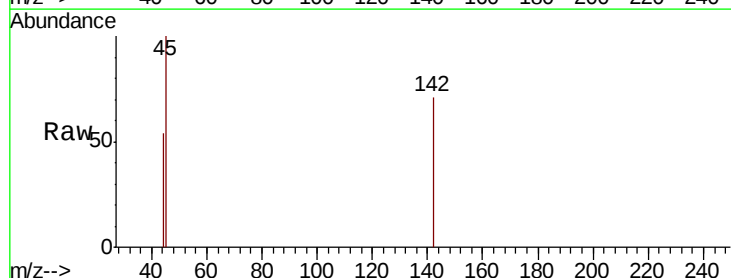
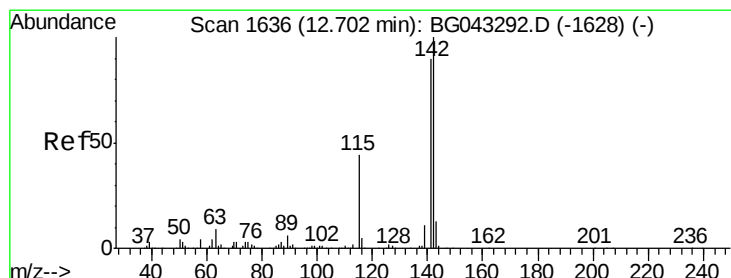
Instrument :
 BNA_G
 ClientSampled :
 SP-B

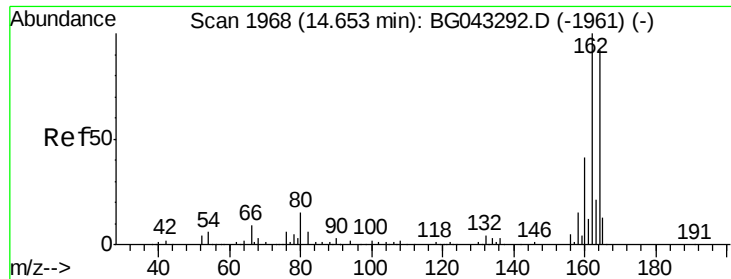
Tot Ion	Ratio	Lower	Upper
142	100		
141	0.0	72.2	108.2#
115	86.8	33.2	49.8#



#38
 1-Methylnaphthalene
 Concen: 0.027 ng
 RT: 12.69 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BG043663.D
 Acq: 15 Nov 2019 23:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	73.2	109.8#
116	0.0	3.6	5.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampleId :

SP-B

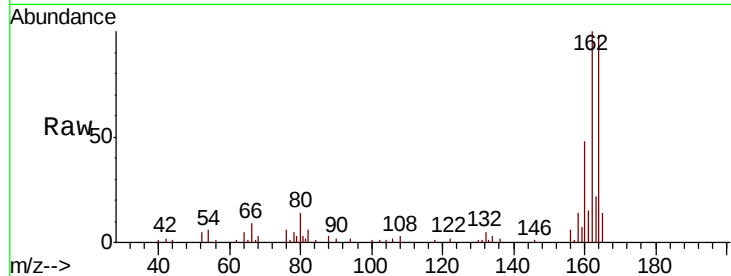
Tot Ion:164 Resp: 59350

Ion Ratio Lower Upper

164 100

162 102.4 83.5 125.3

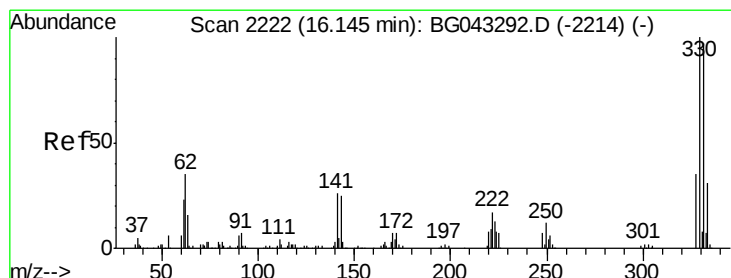
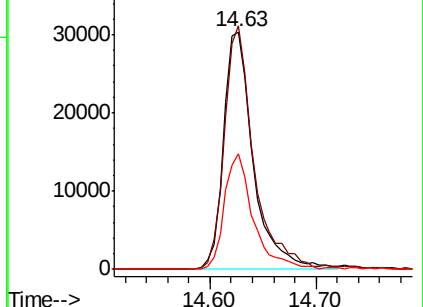
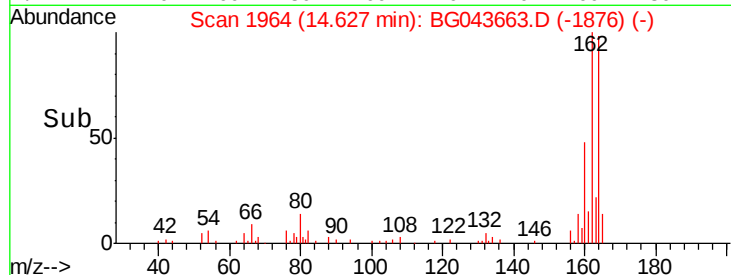
160 48.8 36.5 54.7



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: 136.976 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

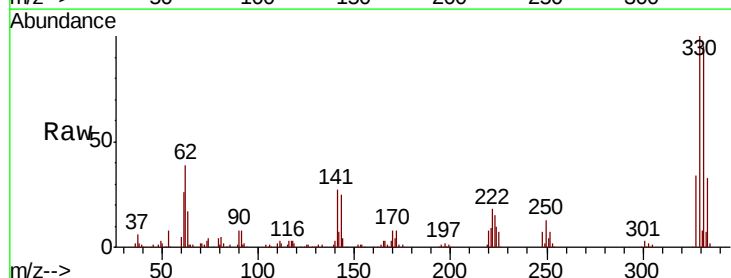
Tgt Ion:330 Resp: 154705

Ion Ratio Lower Upper

330 100

332 93.7 77.4 116.0

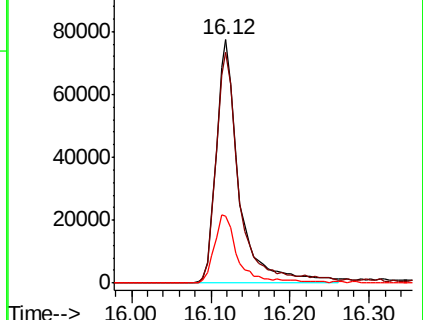
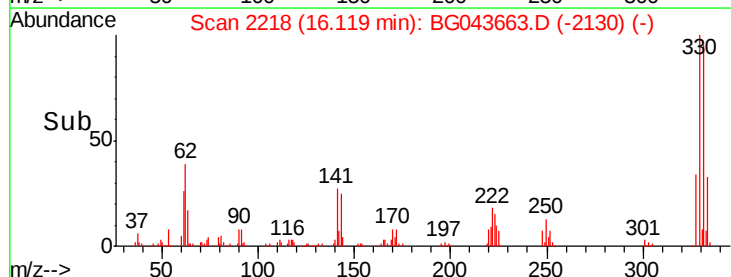
141 27.1 22.8 34.2

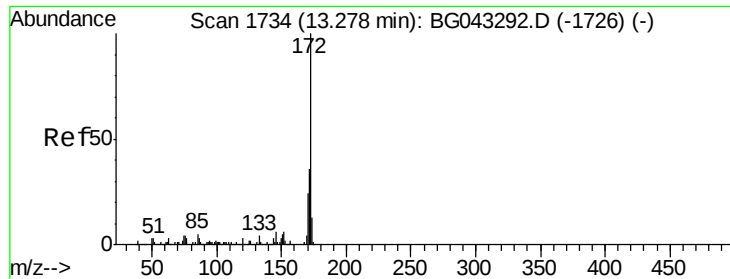


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

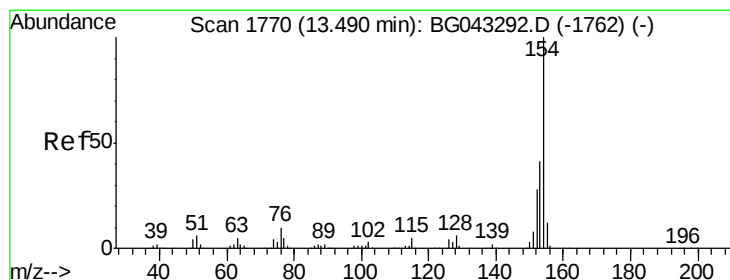
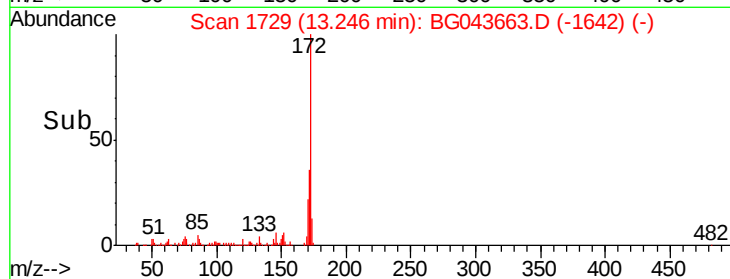
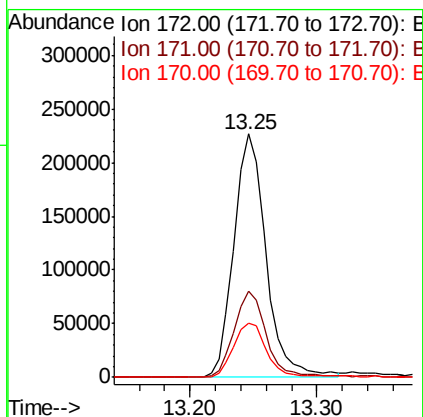
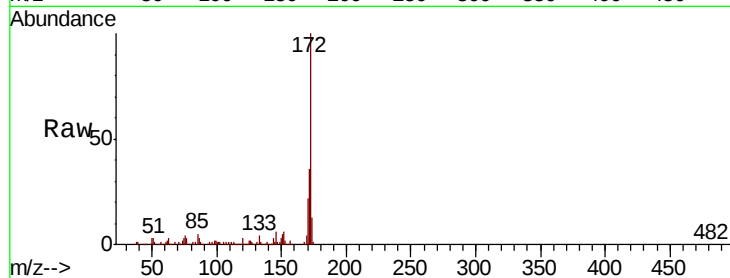




#45
2-Fluorobiphenyl
Concen: 92.733 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043663.D
Acq: 15 Nov 2019 23:08

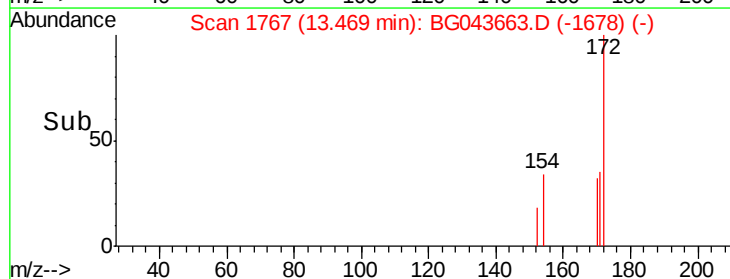
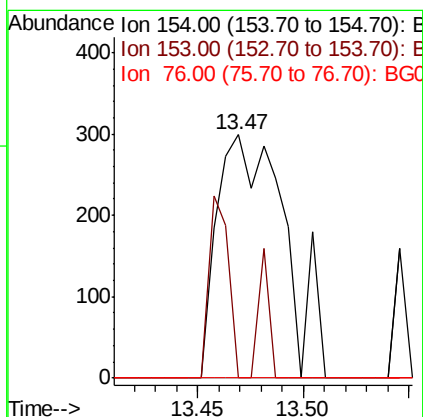
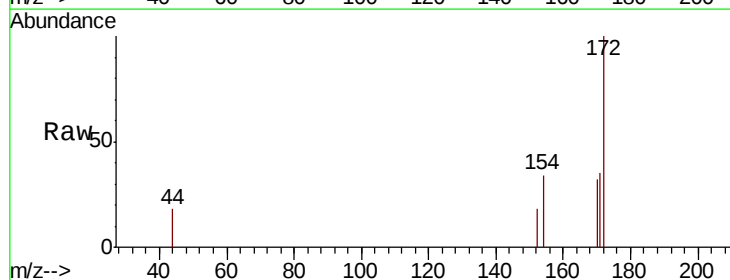
Instrument :
BNA_G
ClientSampleId :
SP-B

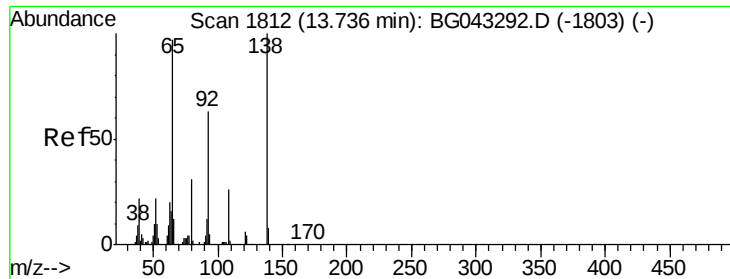
Tot Ion:172 Resp: 398299
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 22.4 18.5 27.7



#46
1,1'-Biphenyl
Concen: 0.147 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG043663.D
Acq: 15 Nov 2019 23:08

Tgt Ion:154 Resp: 665
Ion Ratio Lower Upper
154 100
153 0.0 19.9 59.9#
76 0.0 0.0 29.4





#48

2-Nitroaniline

Concen: 0.623 ng

RT: 13.25 min Scan# 1729

Delta R.T. -0.48 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampleId :

SP-B

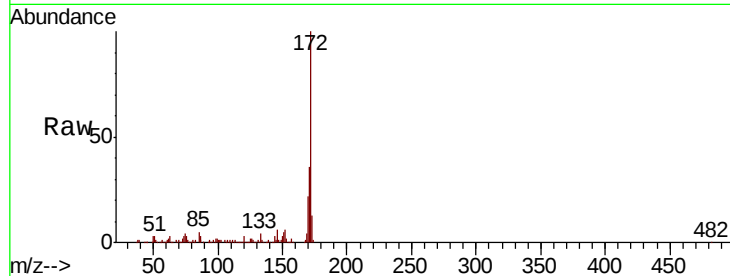
Tot Ion: 65 Resp: 640

Ion Ratio Lower Upper

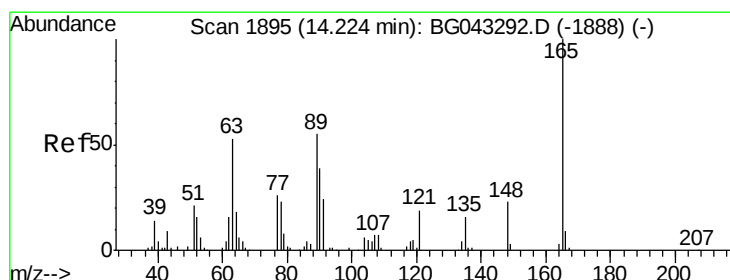
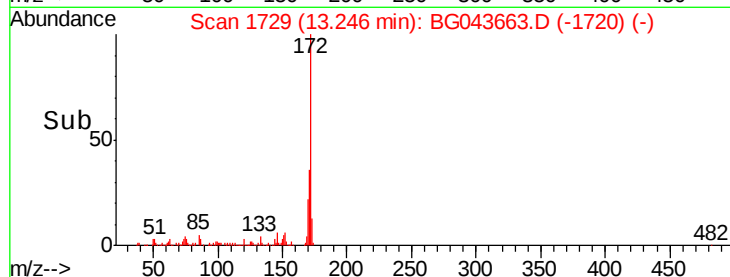
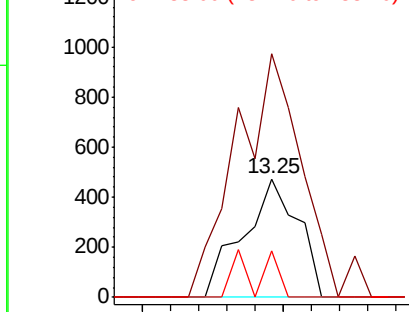
65 100

92 205.3 56.2 84.2#

138 39.0 82.6 123.8#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#51

2,6-Dinitrotoluene

Concen: 7.814 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.41 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

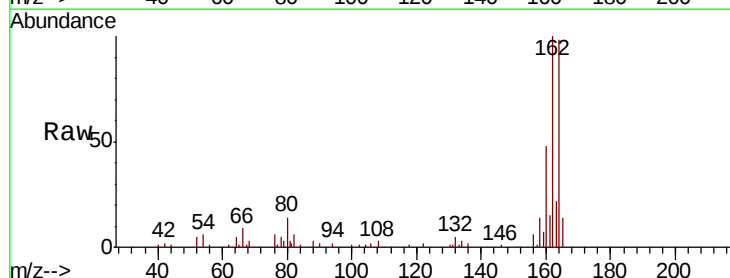
Tgt Ion:165 Resp: 7804

Ion Ratio Lower Upper

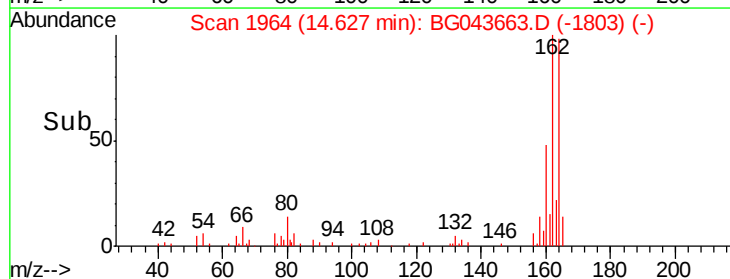
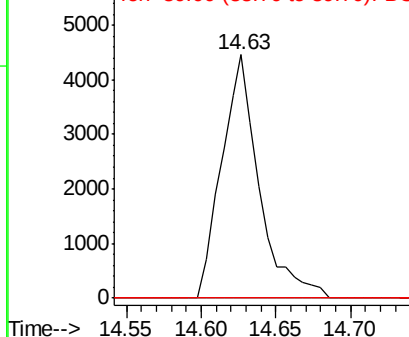
165 100

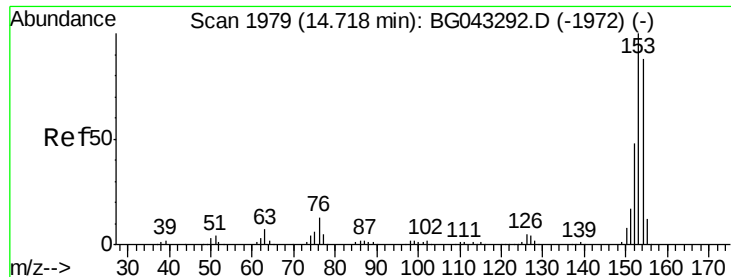
63 0.0 46.6 69.8#

89 0.0 45.1 67.7#



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





#52

Acenaphthene

Concen: 0.017 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampleId :

SP-B

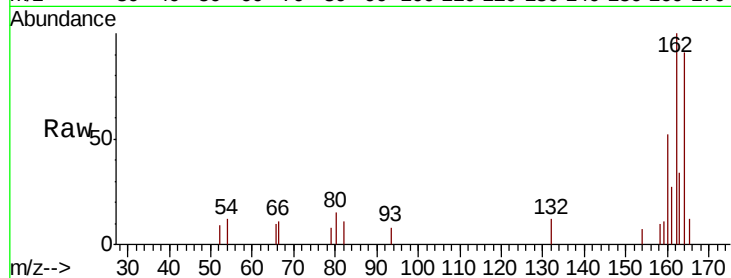
Tot Ion:154 Resp: 54

Ion Ratio Lower Upper

154 100

153 0.0 88.2 132.2#

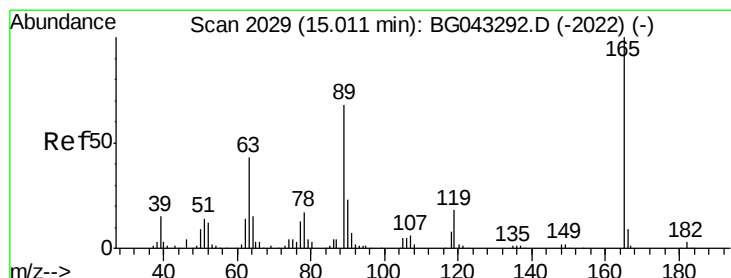
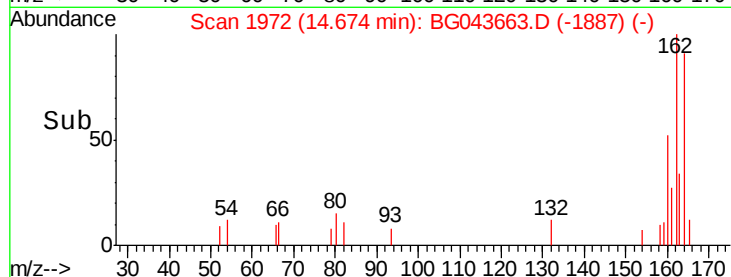
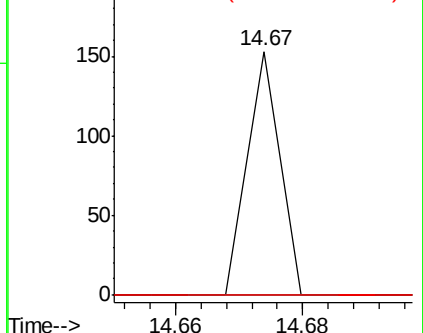
152 0.0 40.0 60.0#



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



#57

2,4-Dinitrotoluene

Concen: 5.468 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.38 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Tgt Ion:165 Resp: 7804

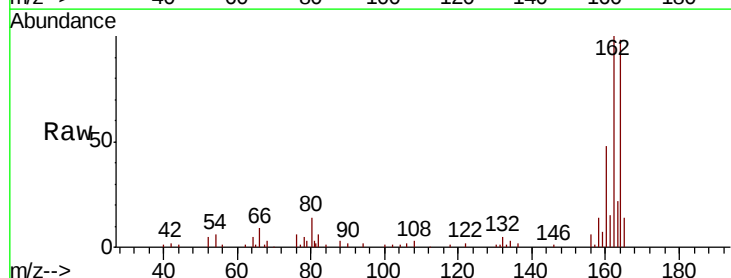
Ion Ratio Lower Upper

165 100

63 0.0 33.2 49.8#

89 0.0 52.2 78.4#

182 0.0 2.0 3.0#

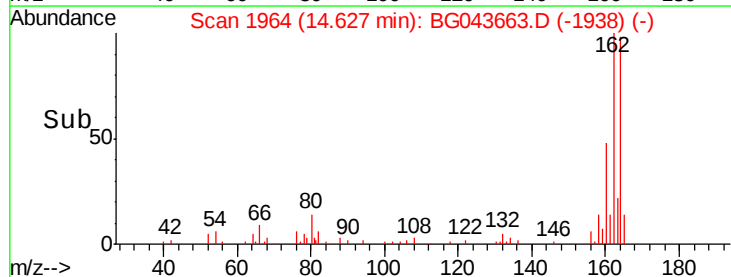
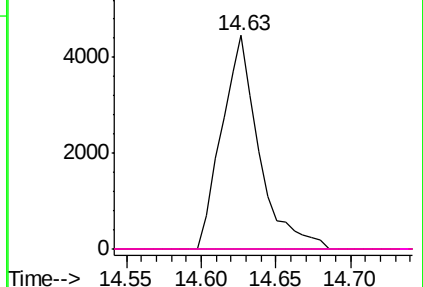


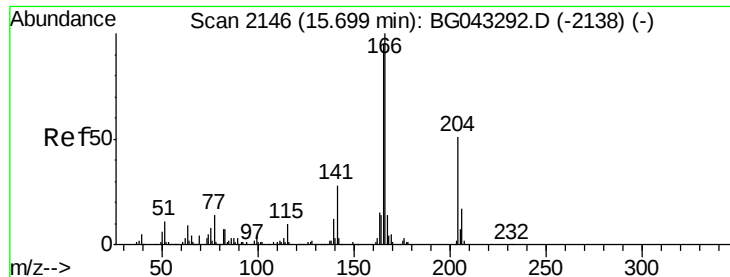
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.854 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.43 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampleId :

SP-B

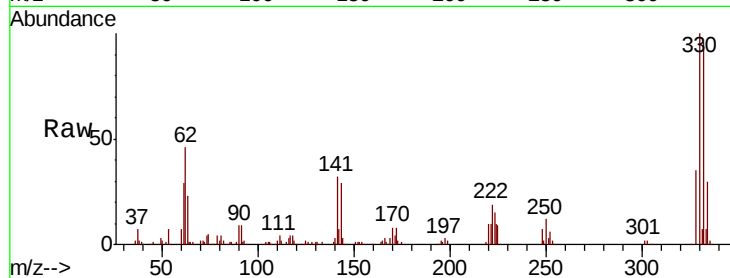
Tot Ion:166 Resp: 3787

Ion Ratio Lower Upper

166 100

165 80.4 79.0 118.6

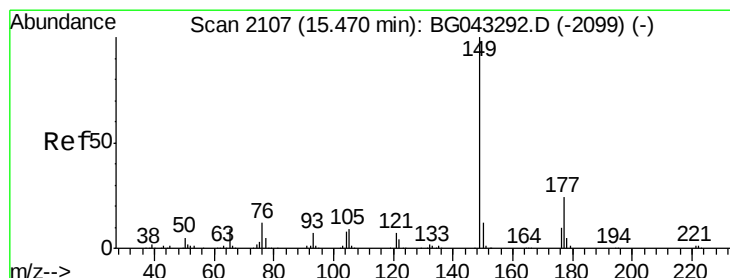
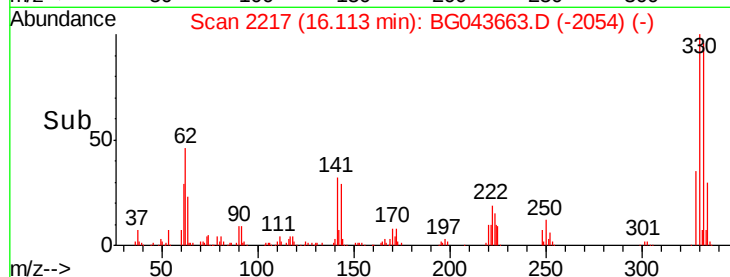
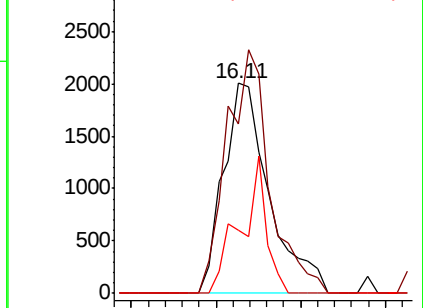
167 30.0 10.5 15.7#



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: 0.015 ng

RT: 15.62 min Scan# 2133

Delta R.T. 0.17 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

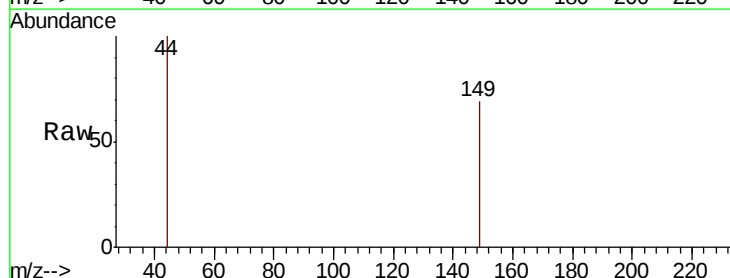
Tgt Ion:149 Resp: 71

Ion Ratio Lower Upper

149 100

177 0.0 19.6 29.4#

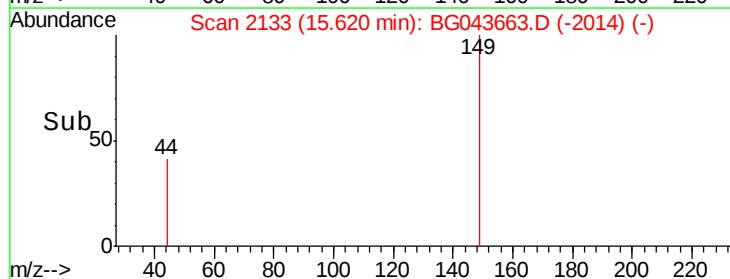
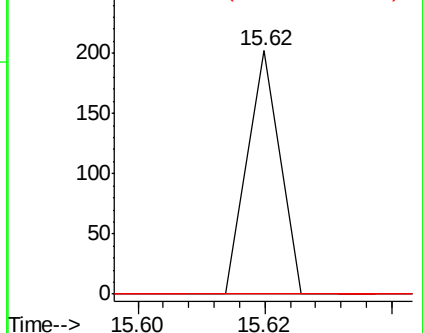
150 0.0 10.8 16.2#

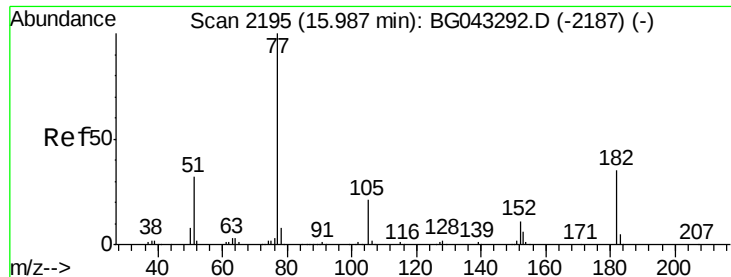


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

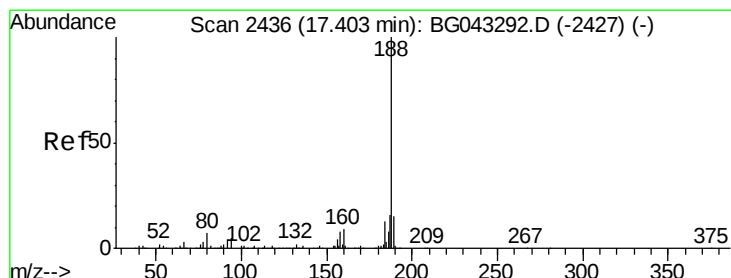
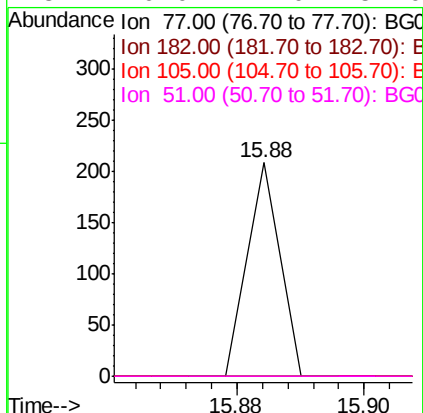
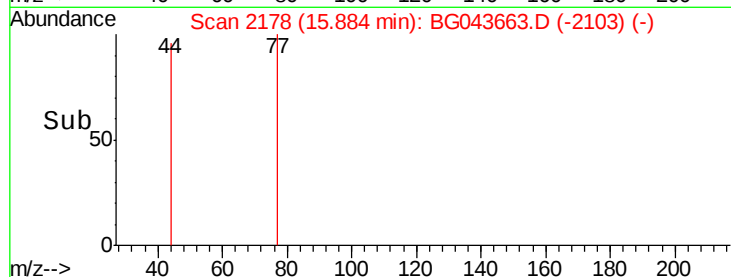
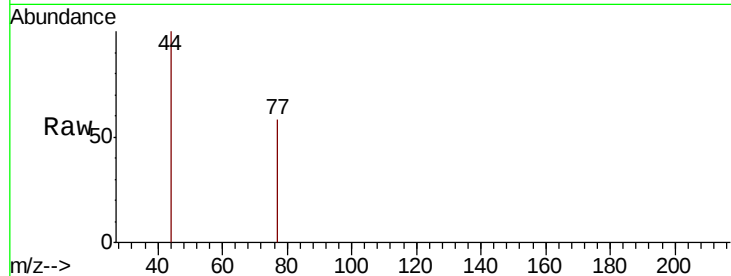




#63
Azobenzene
Concen: 0.020 ng
RT: 15.88 min Scan# 2178
Delta R.T. -0.09 min
Lab File: BG043663.D
Acq: 15 Nov 2019 23:08

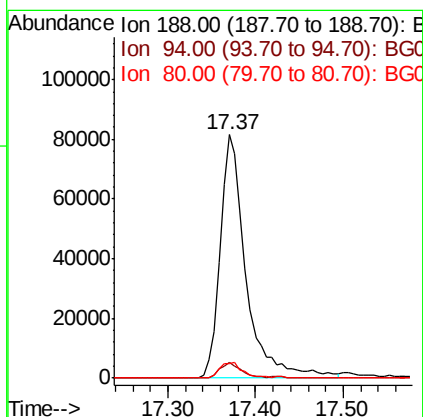
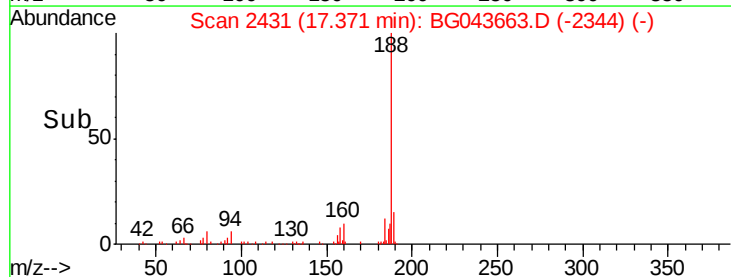
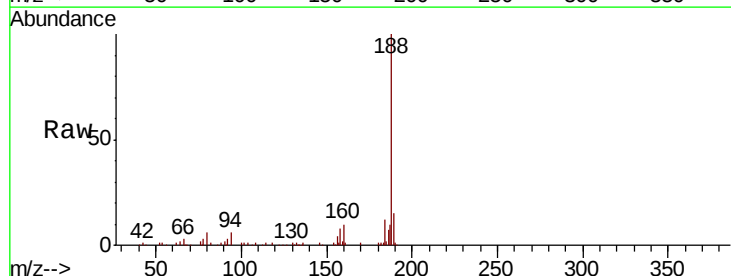
Instrument :
BNA_G
ClientSampleId :
SP-B

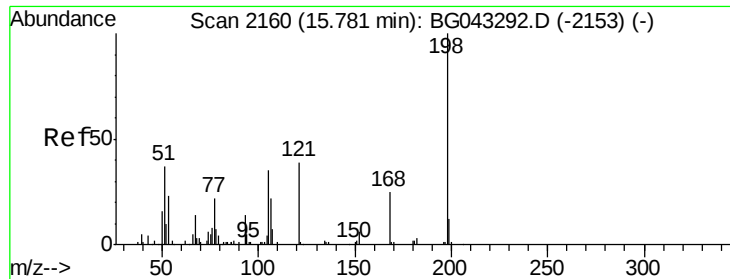
Tot Ion:	77	Resp:	74
Ion	Ratio	Lower	Upper
77	100		
182	0.0	13.7	53.7#
105	0.0	0.4	40.4#
51	0.0	11.0	51.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043663.D
Acq: 15 Nov 2019 23:08

Tgt Ion:	188	Resp:	165731
Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.2	6.4
80	6.2	4.5	6.7

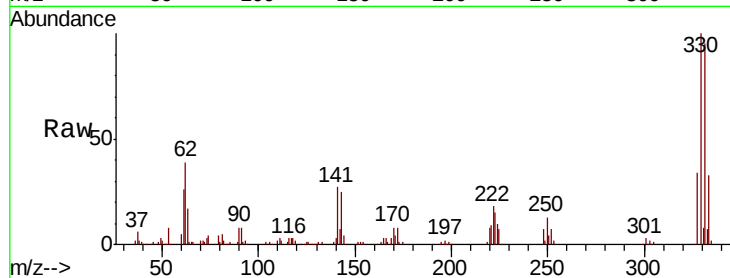




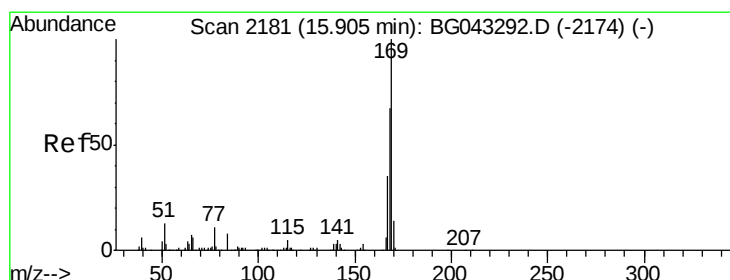
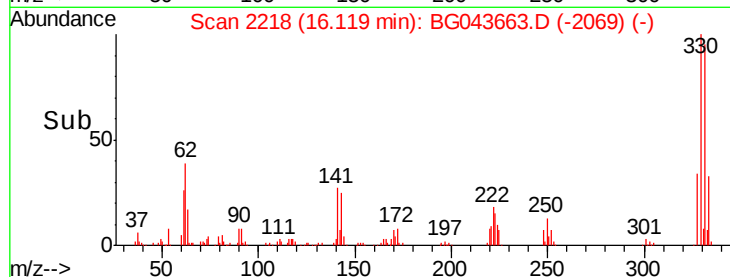
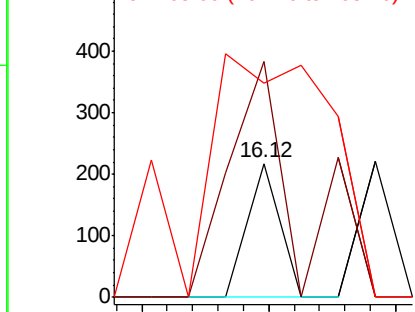
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.079 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. 0.34 min
 Lab File: BG043663.D
 Acq: 15 Nov 2019 23:08

Instrument :
 BNA_G
 ClientSampleId :
 SP-B

Tot Ion:198 Resp: 77
 Ion Ratio Lower Upper
 198 100
 51 176.1 13.2 53.2#
 105 160.1 15.8 55.8#

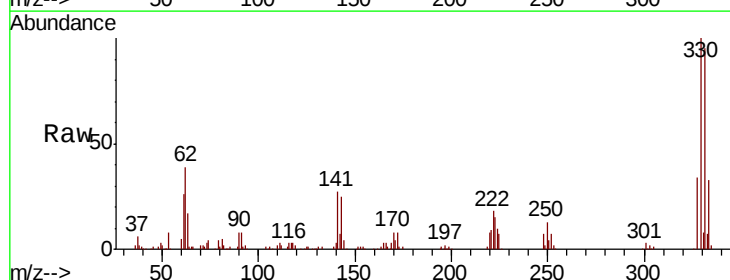


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

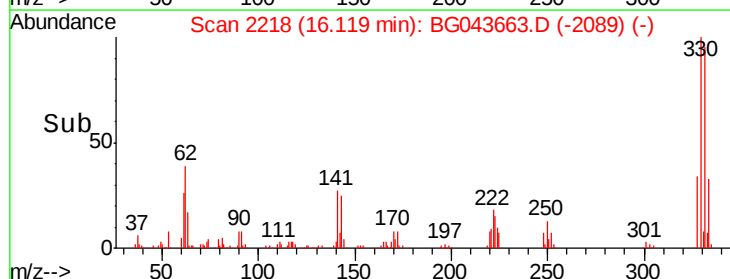
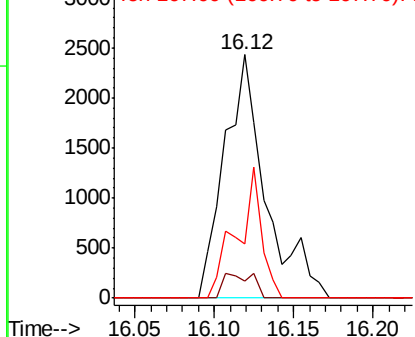


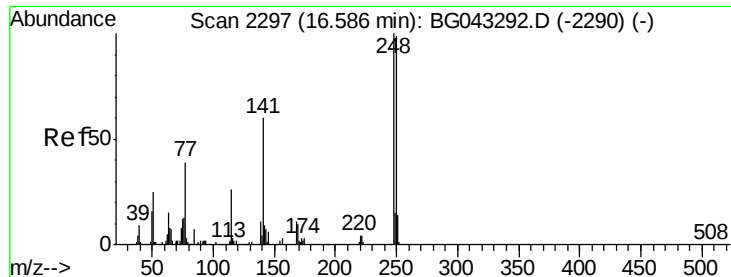
#66
 n-Nitrosodiphenylamine
 Concen: 0.939 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. 0.23 min
 Lab File: BG043663.D
 Acq: 15 Nov 2019 23:08

Tgt Ion:169 Resp: 4395
 Ion Ratio Lower Upper
 169 100
 168 6.9 53.8 80.6#
 167 22.3 27.5 41.3#



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

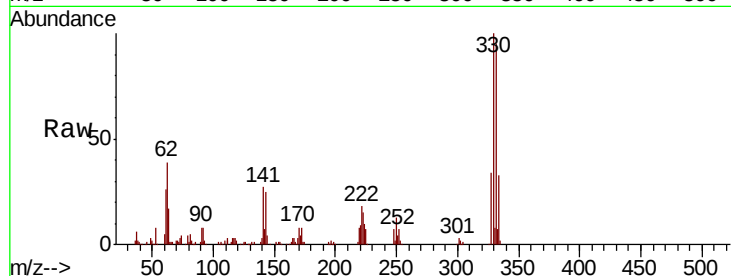




#67
 4-Bromophenyl-phenylether
 Concen: 4.642 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.45 min
 Lab File: BG043663.D
 Acq: 15 Nov 2019 23:08

Instrument :
 BNA_G
 ClientSampled :
 SP-B

Tot Ion	Ratio	Lower	Upper
248	100		
250	203.6	77.0	115.4#
141	414.9	47.5	71.3#

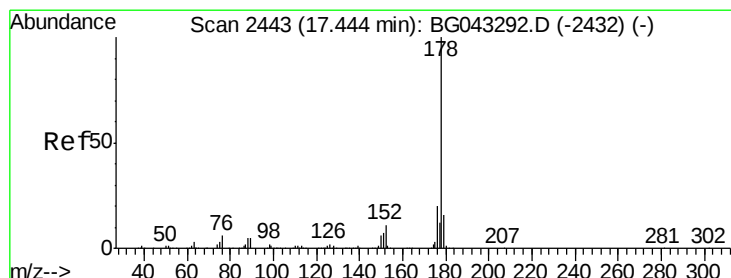
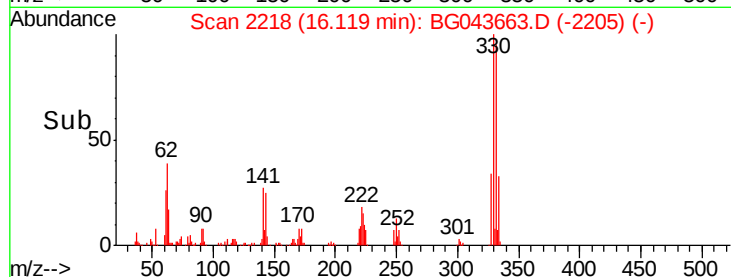
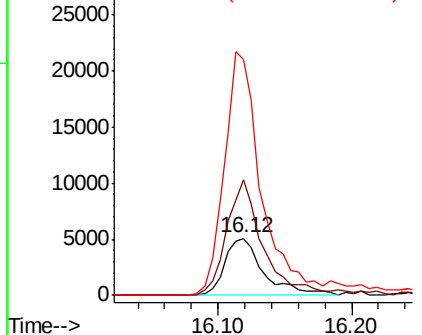


Abundance

Ion 248.00 (247.70 to 248.70): E

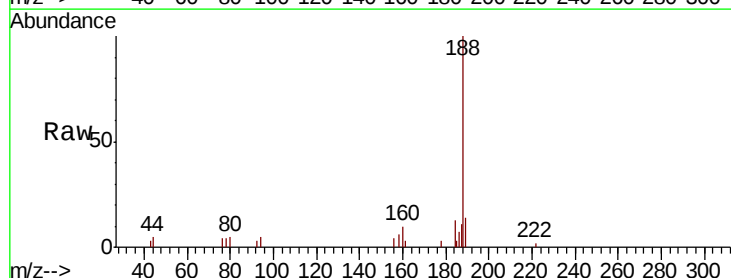
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#71
 Phenanthrene
 Concen: 0.009 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG043663.D
 Acq: 15 Nov 2019 23:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.0#
179	0.0	13.0	19.6#

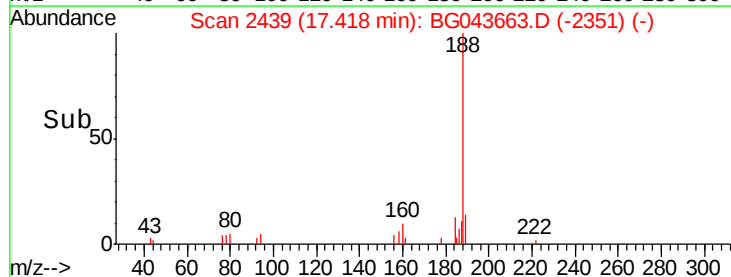
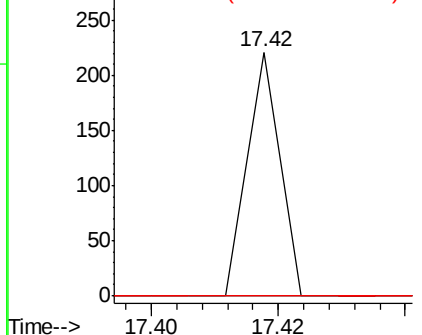


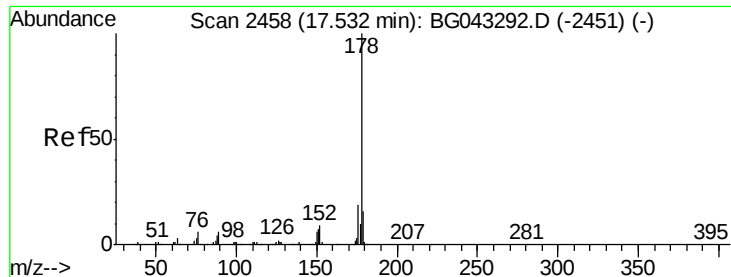
Abundance

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: 0.009 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.10 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampleId :

SP-B

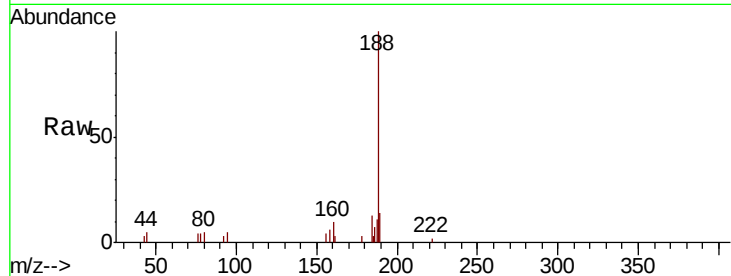
Tot Ion:178 Resp: 78

Ion Ratio Lower Upper

178 100

176 0.0 15.5 23.3#

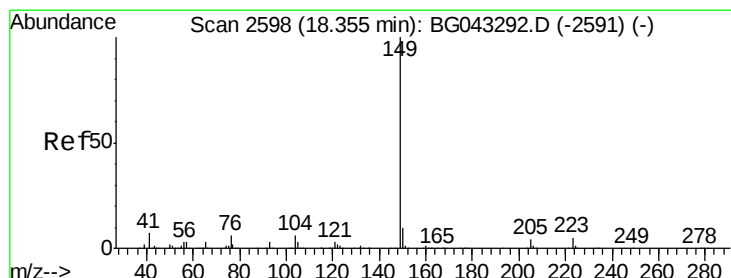
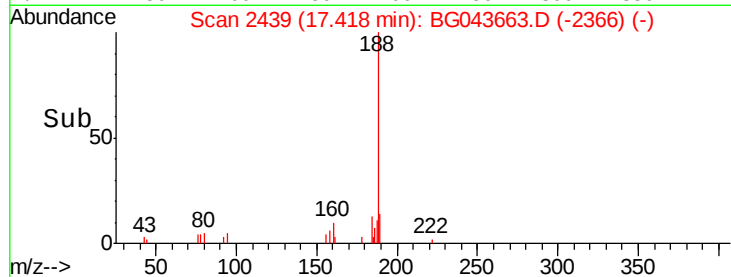
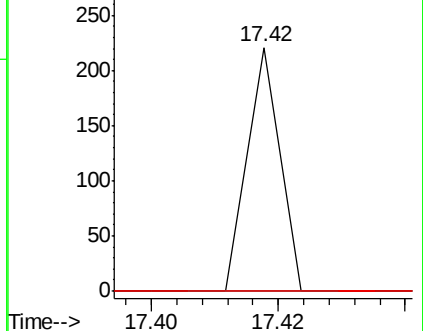
179 0.0 13.7 20.5#



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



#74

Di-n-butylphthalate

Concen: 0.014 ng

RT: 18.35 min Scan# 2598

Delta R.T. 0.01 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

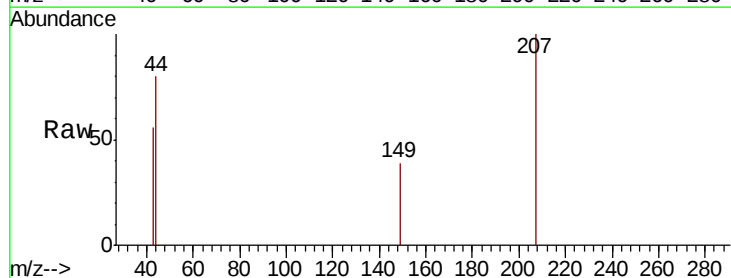
Tgt Ion:149 Resp: 128

Ion Ratio Lower Upper

149 100

150 0.0 8.0 12.0#

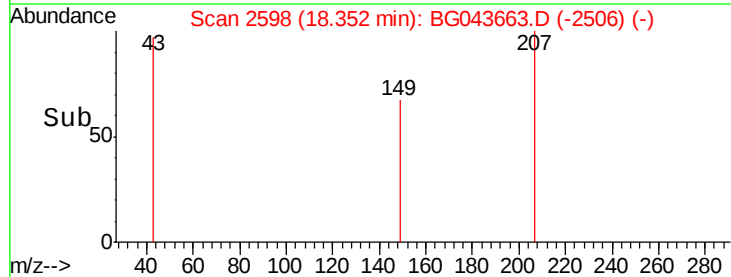
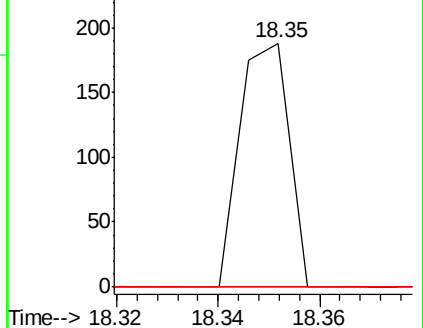
104 0.0 4.4 6.6#

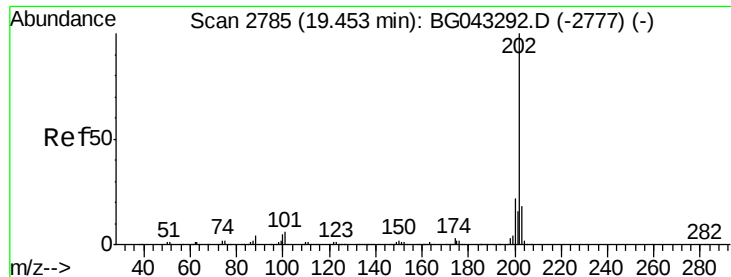


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.006 ng

RT: 19.12 min Scan# 2729

Delta R.T. -0.32 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampleId :

SP-B

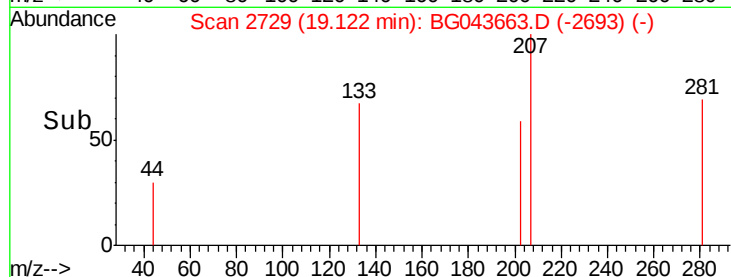
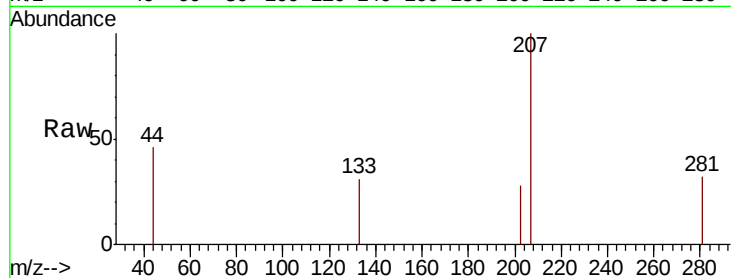
Tot Ion:202 Resp: 61

Ion Ratio Lower Upper

202 100

101 0.0 0.0 26.3

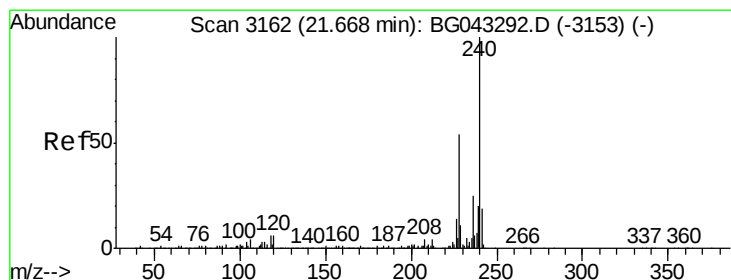
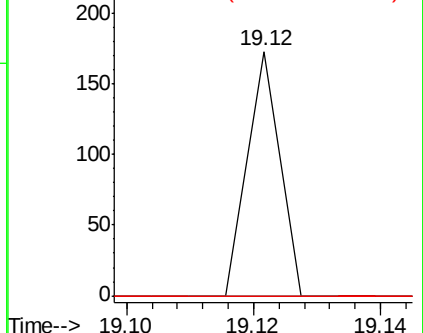
203 0.0 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

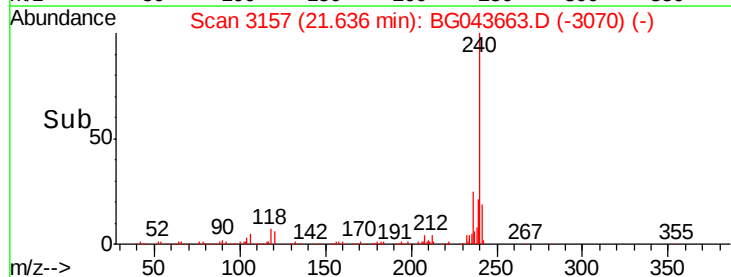
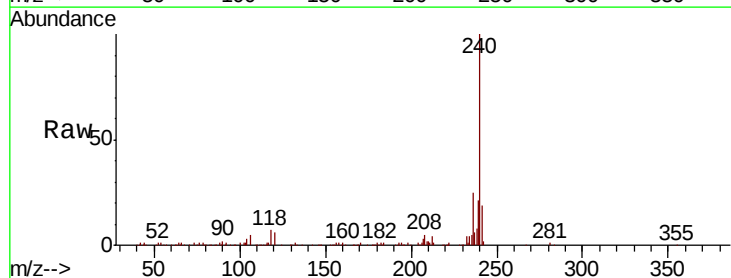
Tgt Ion:240 Resp: 195929

Ion Ratio Lower Upper

240 100

120 6.3 4.6 6.8

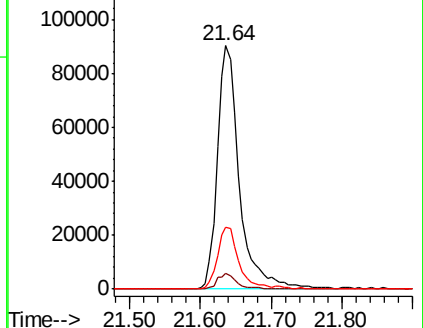
236 25.2 19.8 29.8

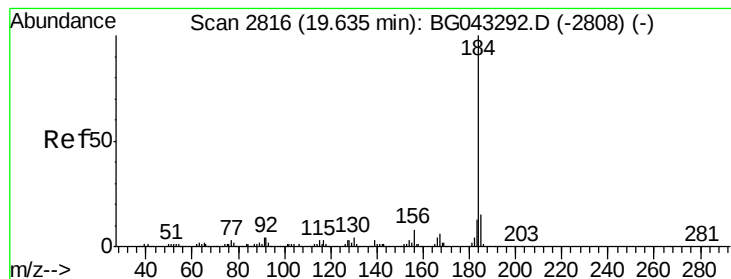


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.723 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.03 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampleId :

SP-B

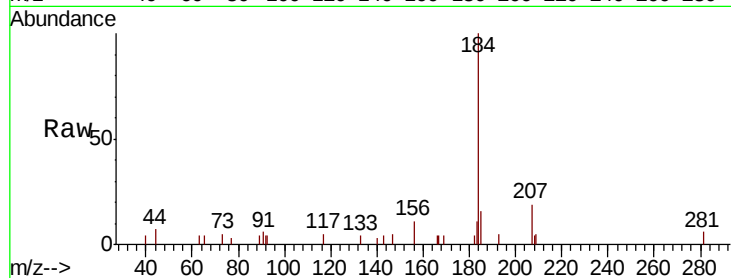
Tot Ion:184 Resp: 14679

Ion Ratio Lower Upper

184 100

185 16.3 11.0 16.4

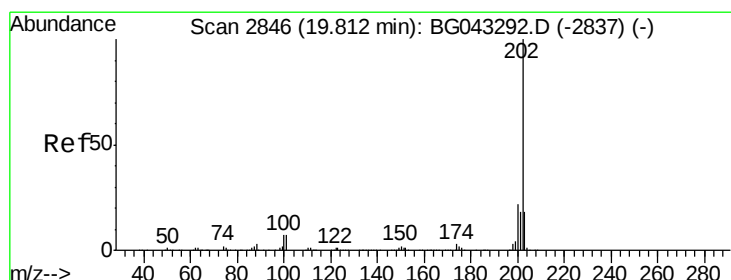
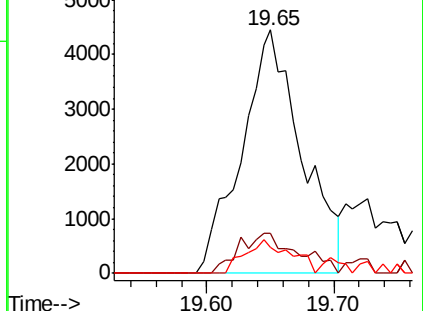
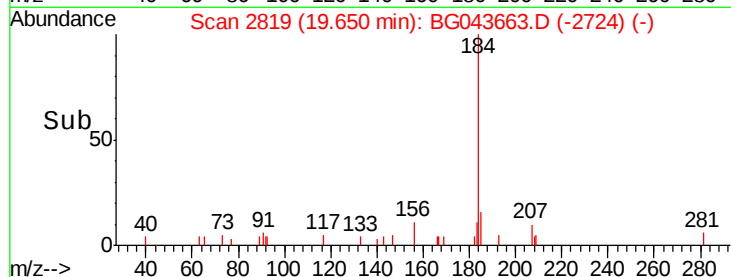
183 10.9 10.0 15.0



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: 0.302 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.19 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

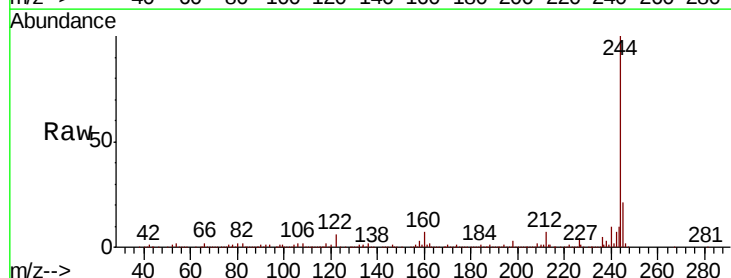
Tgt Ion:202 Resp: 3667

Ion Ratio Lower Upper

202 100

200 54.4 17.0 25.4#

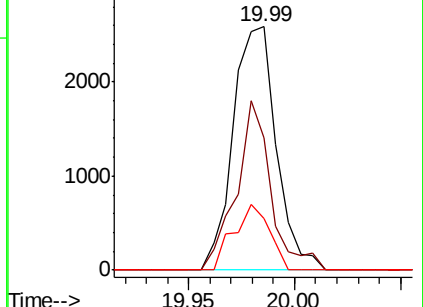
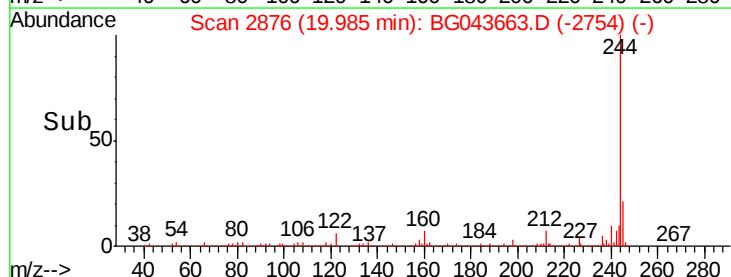
203 21.3 14.7 22.1

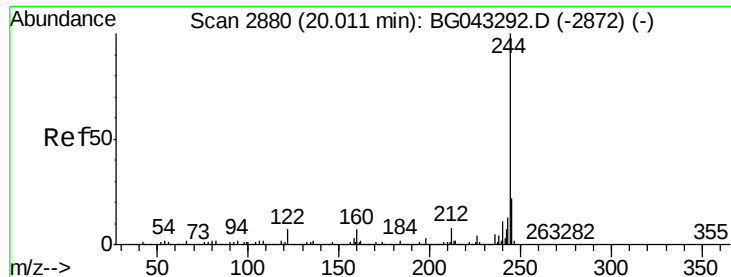


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 102.773 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampleId :

SP-B

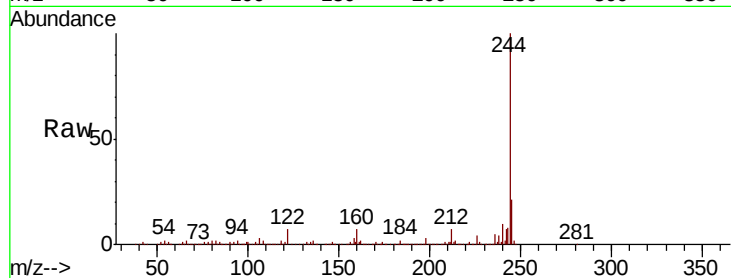
Tot Ion:244 Resp: 1073329

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

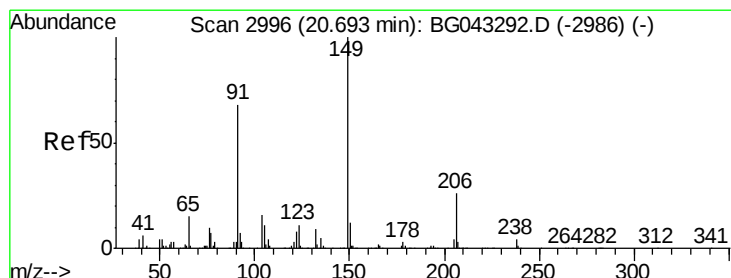
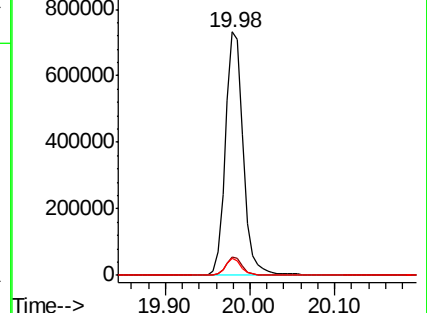
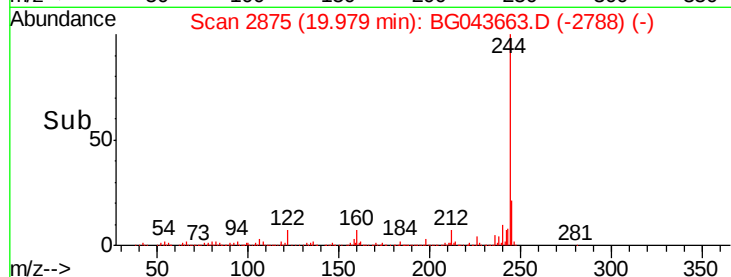
122 7.2 5.4 8.2



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: 0.012 ng

RT: 20.66 min Scan# 2990

Delta R.T. -0.03 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

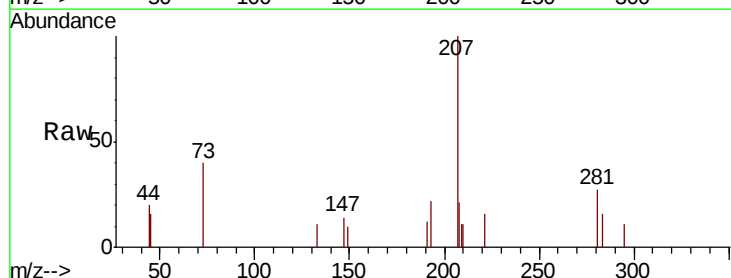
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

91 0.0 51.2 76.8#

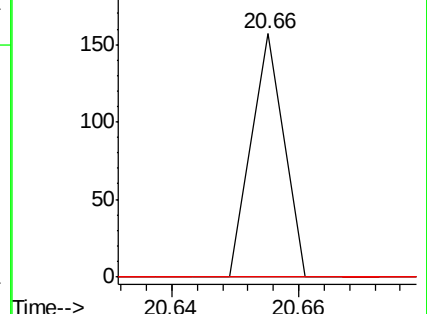
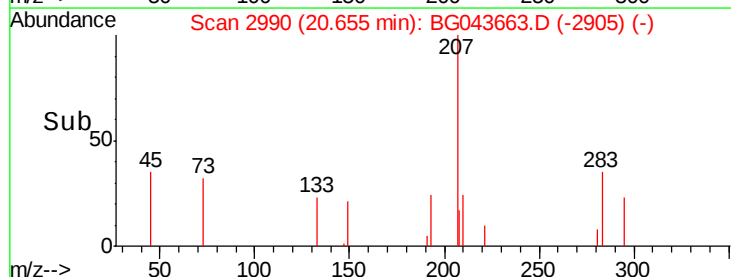
206 0.0 22.5 33.7#

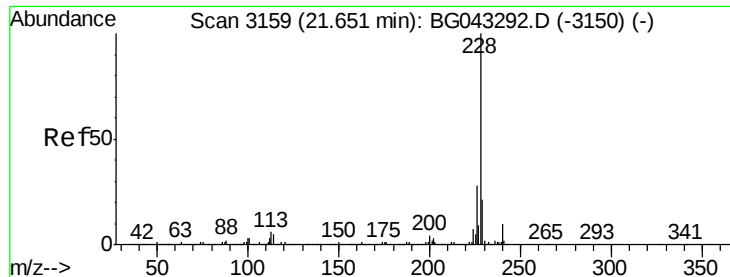


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.041 ng

RT: 21.64 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampleId :

SP-B

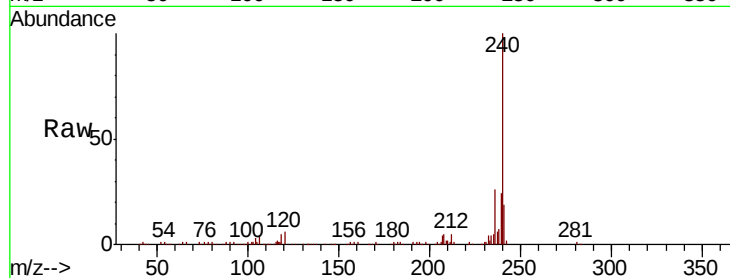
Tot Ion:228 Resp: 508

Ion Ratio Lower Upper

228 100

226 0.0 22.2 33.2#

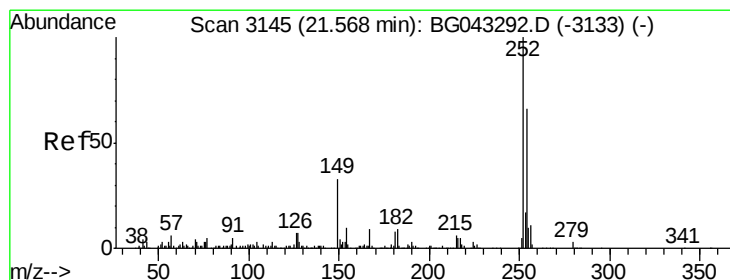
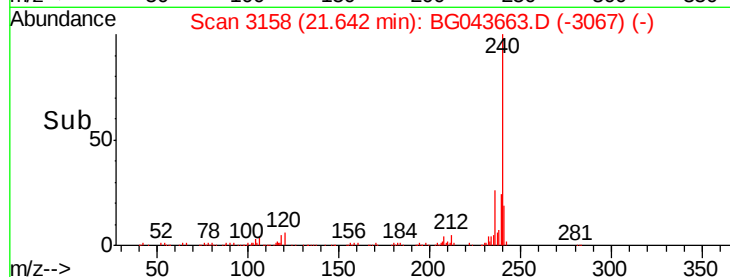
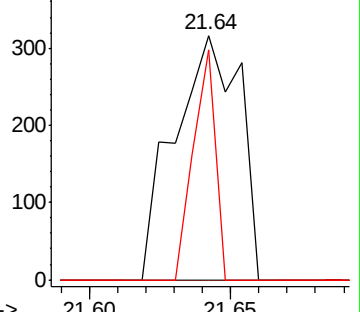
229 94.3 17.0 25.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.013 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.06 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

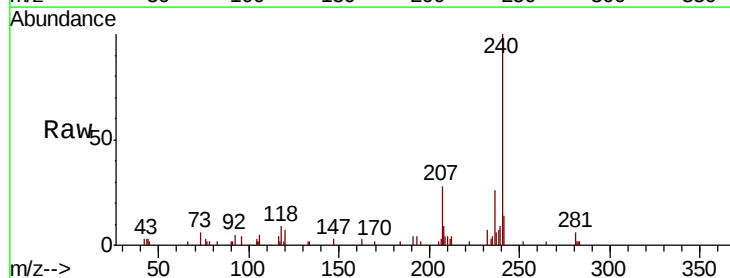
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

254 0.0 50.8 76.2#

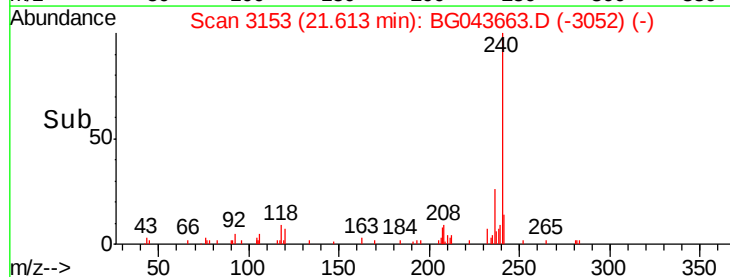
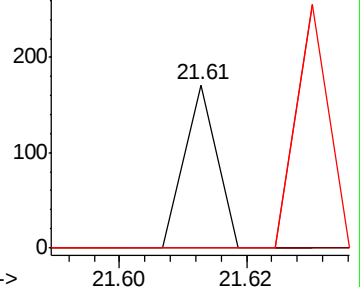
126 0.0 6.1 9.1#

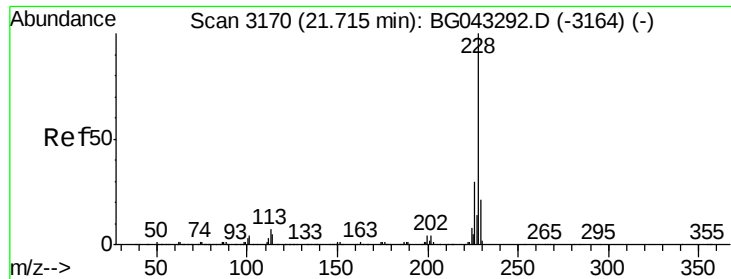


Abundance Ion 252.00 (251.70 to 252.70): E

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: 21.64 min Scan# 3158

Delta R.T. -0.06 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampleId :

SP-B

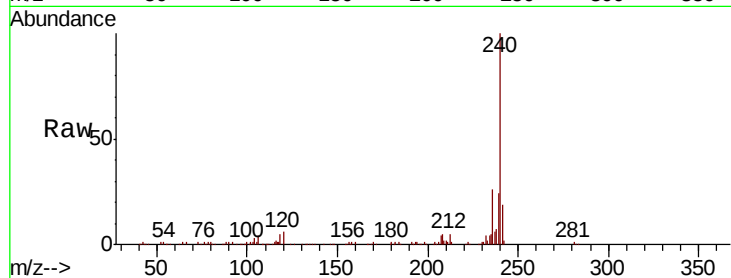
Tot Ion:228 Resp: 508

Ion Ratio Lower Upper

228 100

226 0.0 25.1 37.7#

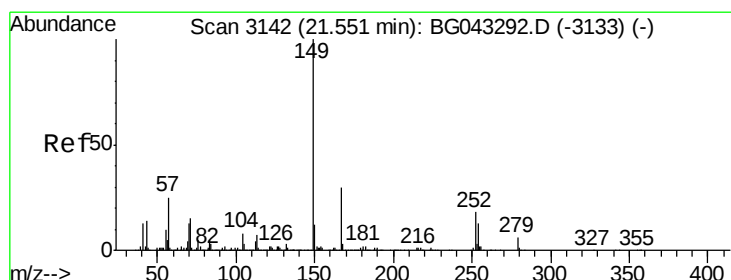
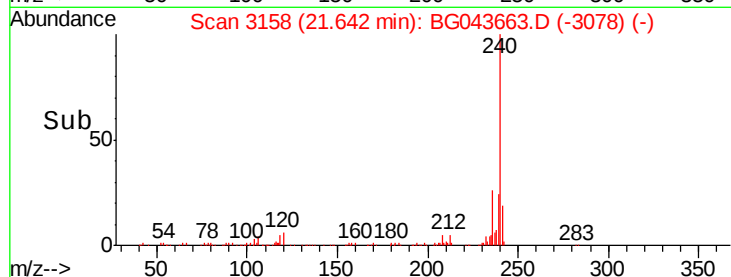
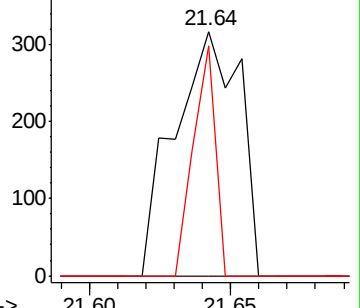
229 94.3 17.0 25.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.046 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

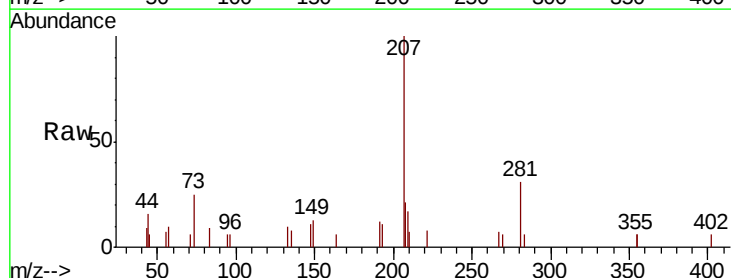
Tgt Ion:149 Resp: 300

Ion Ratio Lower Upper

149 100

167 0.0 24.0 36.0#

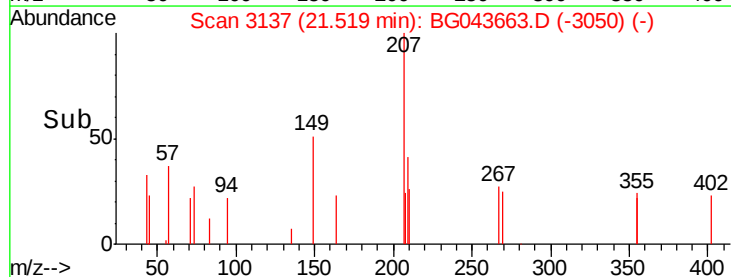
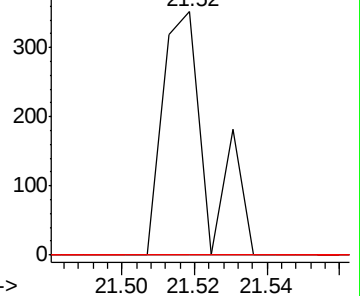
279 0.0 5.4 8.2#

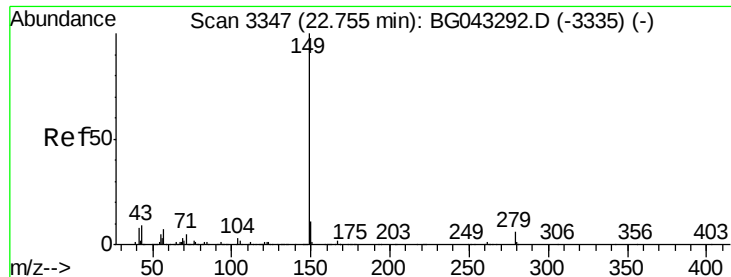


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.006 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.04 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampleId :

SP-B

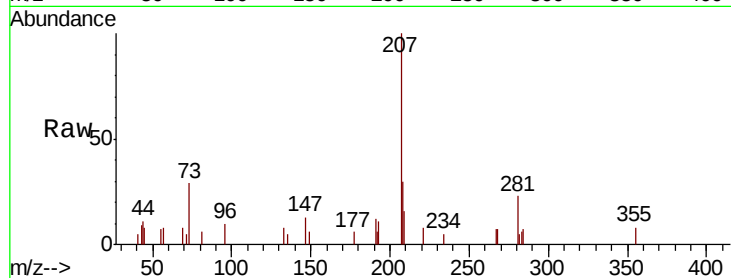
Tot Ion:149 Resp: 68

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.2#

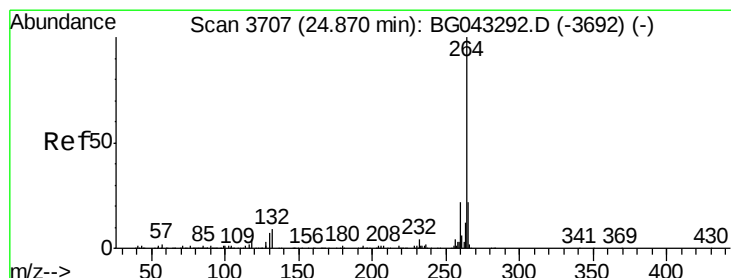
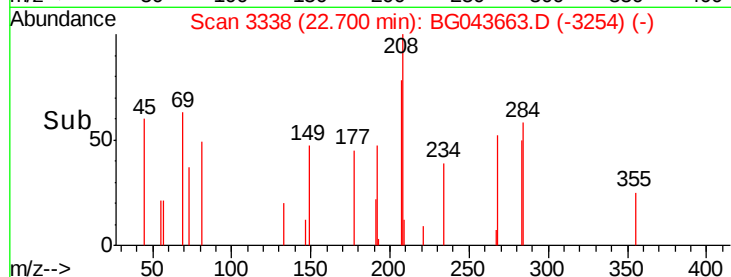
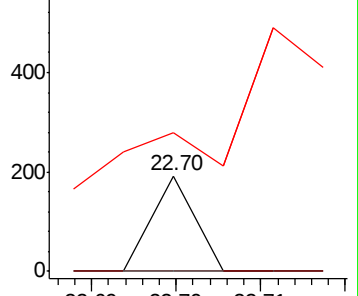
43 1455.9 7.0 10.6#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3698

Delta R.T. -0.04 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

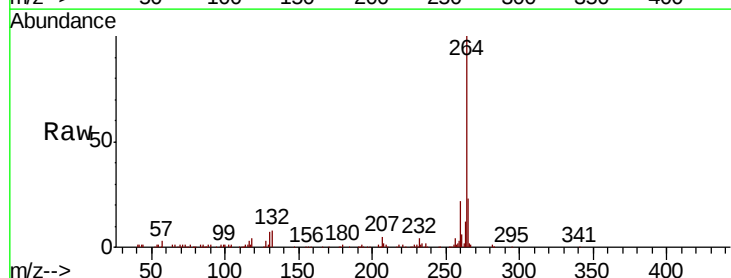
Tgt Ion:264 Resp: 221216

Ion Ratio Lower Upper

264 100

260 22.0 17.5 26.3

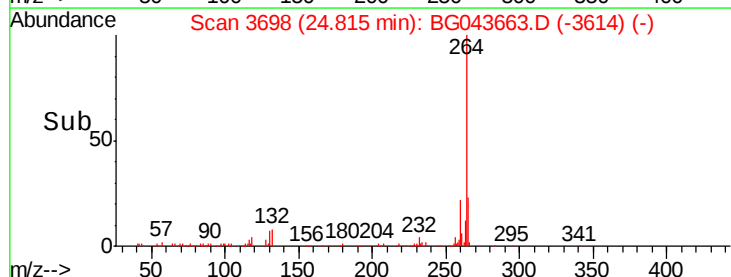
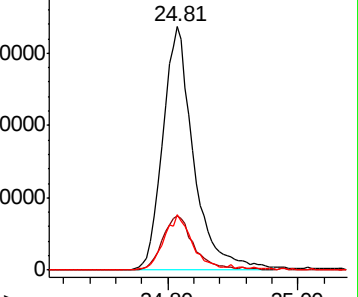
265 22.7 17.4 26.0

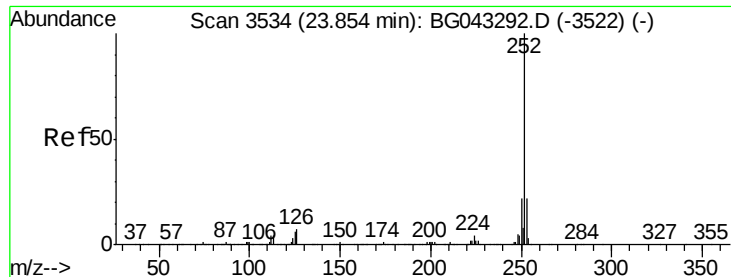


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.006 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampleId :

SP-B

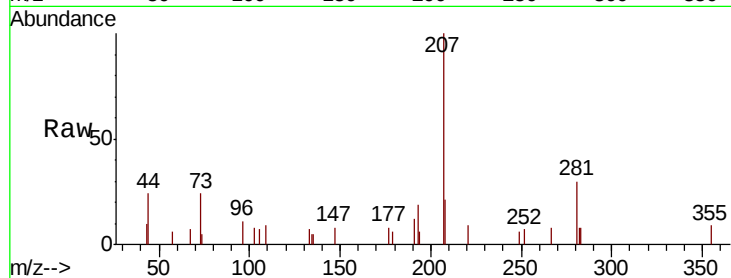
Tot Ion:252 Resp: 76

Ion Ratio Lower Upper

252 100

253 0.0 17.7 26.5#

125 0.0 4.5 6.7#

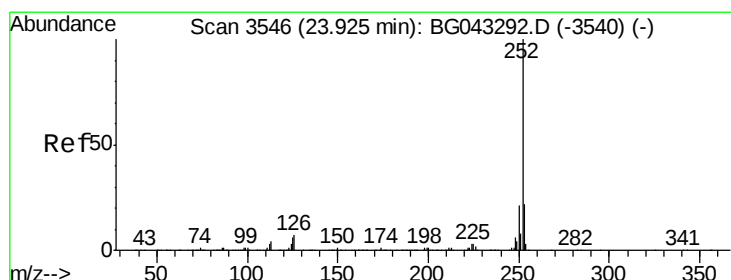
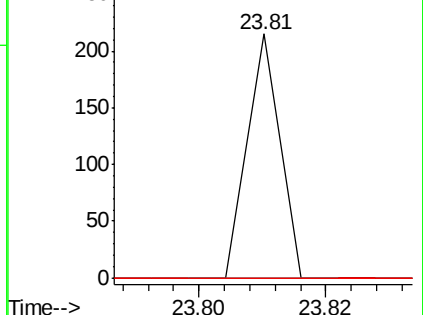
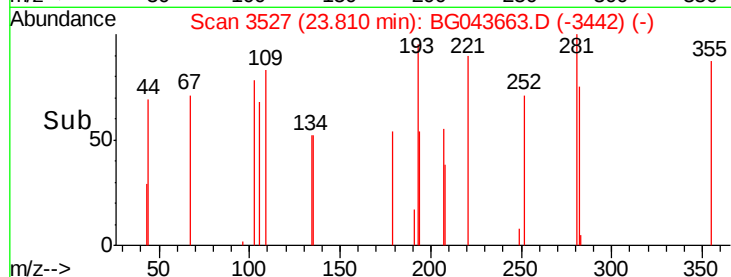


Abundance

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



#89

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.10 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

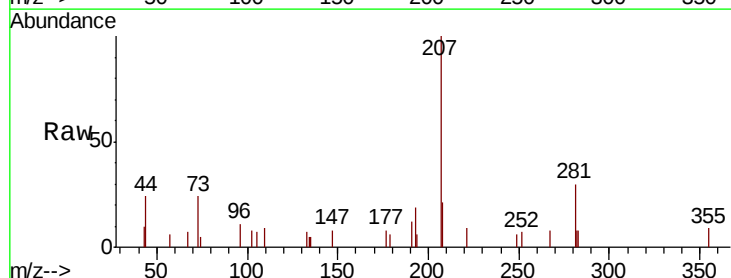
Tgt Ion:252 Resp: 76

Ion Ratio Lower Upper

252 100

253 0.0 17.3 25.9#

125 0.0 4.6 6.8#

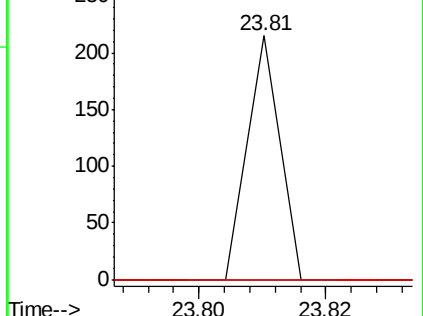
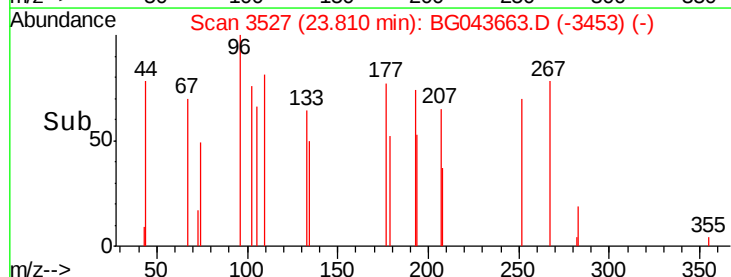


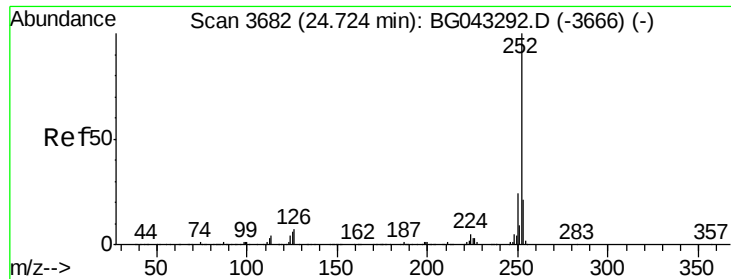
Abundance

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: 0.045 ng

RT: 24.80 min Scan# 3696

Delta R.T. 0.10 min

Lab File: BG043663.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_G

ClientSampleId :

SP-B

Tot Ion:252 Resp: 541

Ion Ratio Lower Upper

252 100

253 32.6 17.8 26.8#

125 0.0 5.4 8.2#

