

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044262.D
 Acq On : 31 Jan 2020 16:28
 Operator : CG/JU
 Sample : L1319-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 31 23:30:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	71284	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	318666	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	239770	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	524628	20.00	ng	0.00
76) Chrysene-d12	21.54	240	461812	20.00	ng	0.00
87) Perylene-d12	24.64	264	508763	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	400429	99.14	ng	0.00
7) Phenol-d6	7.09	99	555161	102.35	ng	0.00
23) Nitrobenzene-d5	9.07	82	334923	59.34	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	243991	86.68	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	880988	61.53	ng	0.00
79) Terphenyl-d14	19.91	244	1431313	63.75	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	270	0.149	ng	# 24
3) Pyridine	3.79	79	59	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.70	42	280	0.139	ng	# 1
6) Aniline	7.18	93	56	0.008	ng	# 45
9) Benzaldehyde	7.09	77	817	0.264	ng	# 1
10) Phenol	7.11	94	8386	1.562	ng	# 70
11) bis(2-Chloroethyl)ether	7.18	93	56	0.012	ng	# 24
12) 1,3-Dichlorobenzene	7.95	146	111	0.021	ng	# 26
13) 1,4-Dichlorobenzene	7.95	146	111	0.021	ng	# 25
14) 1,2-Dichlorobenzene	7.95	146	111	0.022	ng	# 24
15) Benzyl Alcohol	8.24	79	5133	1.337	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	8.09	45	59	0.009	ng	# 67
19) n-Nitroso-di-n-propylamine	9.07	70	43035	11.905	ng	# 76
22) Acetophenone	8.73	105	57	0.007	ng	# 4
24) Nitrobenzene	9.07	77	1169	0.212	ng	# 36
25) Isophorone	9.69	82	124	0.012	ng	# 64
46) 1,1'-Biphenyl	13.39	154	2044	0.118	ng	# 84
48) 2-Nitroaniline	14.01	65	151	0.037	ng	# 1
50) Dimethylphthalate	14.01	163	43001	2.495	ng	# 97
51) 2,6-Dinitrotoluene	14.55	165	31717	8.253	ng	# 29
52) Acenaphthene	14.55	154	858	0.066	ng	# 5
57) 2,4-Dinitrotoluene	14.55	165	31717	5.889	ng	# 27
58) Fluorene	16.04	166	11451	0.734	ng	# 95
63) Azobenzene	16.04	77	1274	0.085	ng	# 30
65) 4,6-Dinitro-2-methylphenol	16.05	198	732	0.253	ng	# 1
66) n-Nitrosodiphenylamine	16.04	169	8657	0.589	ng	# 49
67) 4-Bromophenyl-phenylether	16.04	248	16618	2.907	ng	# 1
71) Phenanthrene	17.34	178	942	0.037	ng	# 76
72) Anthracene	17.46	178	53	0.002	ng	# 57
74) Di-n-butylphthalate	18.27	149	581	0.020	ng	# 75
75) Fluoranthene	19.35	202	1896	0.065	ng	# 83
77) Benzidine	19.91	184	22581	1.763	ng	# 90
78) Pvrene	19.71	202	2203	0.074	ng	# 87
80) Butylbenzylphthalate	20.60	149	865	0.064	ng	# 2

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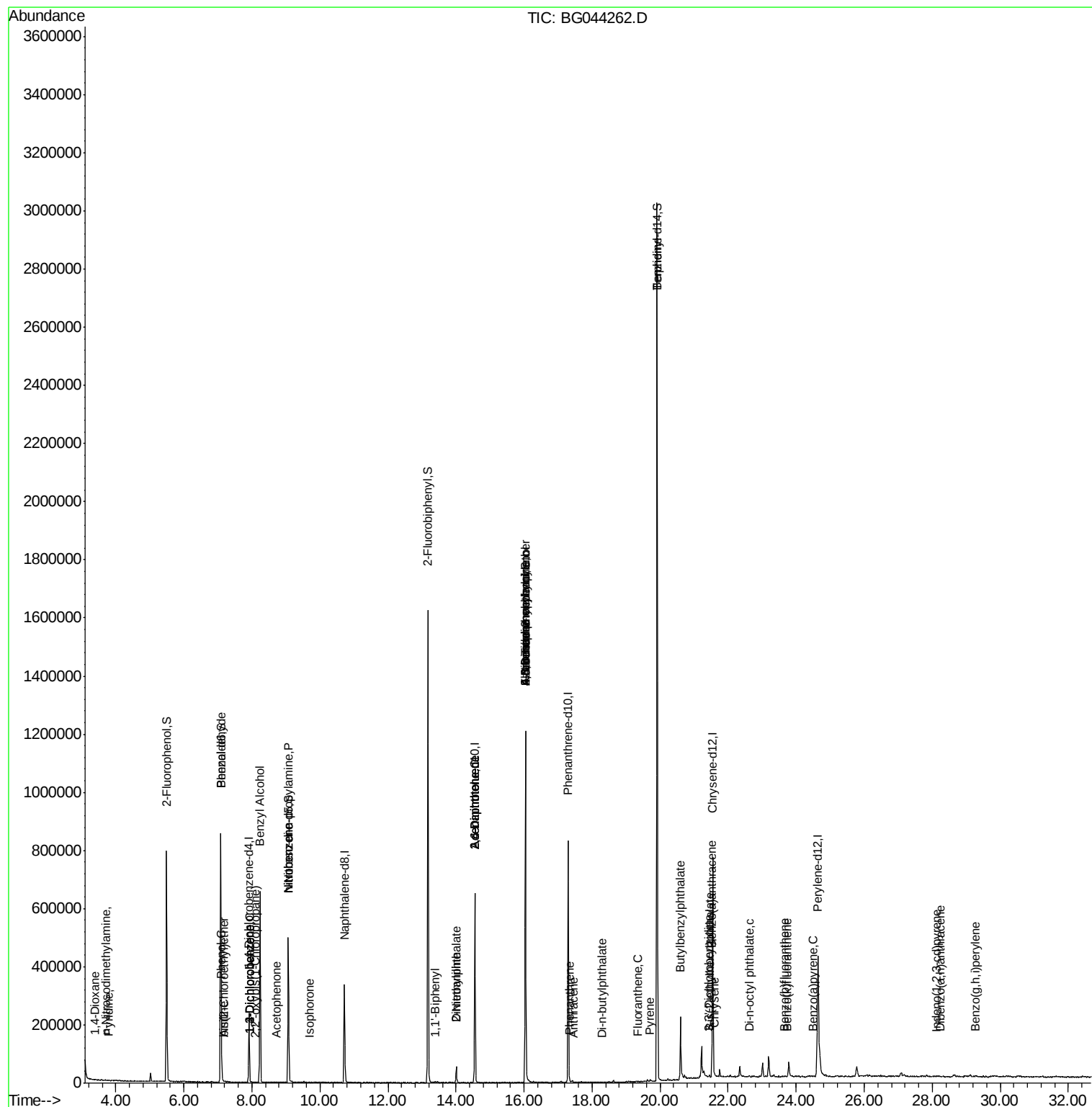
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	21.52	228	2682	0.094	ng	# 88
82) 3,3'-Dichlorobenzidine	21.43	252	60	0.005	ng	# 25
83) Chrysene	21.59	228	1319	0.048	ng	# 64
84) Bis(2-ethylhexyl)phthalate	21.45	149	2547	0.137	ng	# 91
85) Di-n-octyl phthalate	22.62	149	1431	0.044	ng	# 57
86) Indeno(1,2,3-cd)pyrene	28.13	276	74	0.002	ng	# 17
88) Benzo(b)fluoranthene	23.67	252	2293	0.078	ng	# 42
89) Benzo(k)fluoranthene	23.73	252	1642	0.057	ng	# 80
90) Benzo(a)pyrene	24.50	252	1123	0.041	ng	# 44
91) Dibenzo(a,h)anthracene	28.23	278	113	0.004	ng	# 56
92) Benzo(a,h,i)perylene	29.26	276	331	0.012	ng	# 54

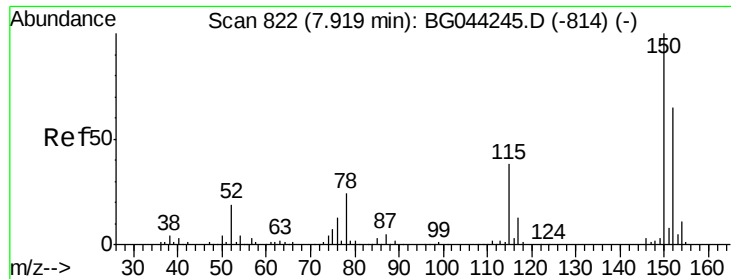
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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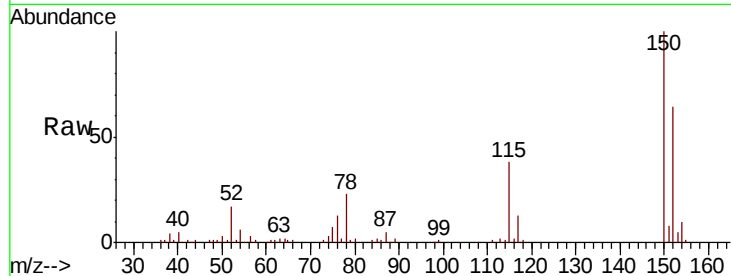


#1

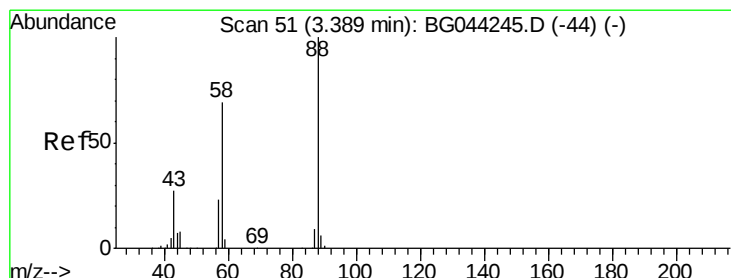
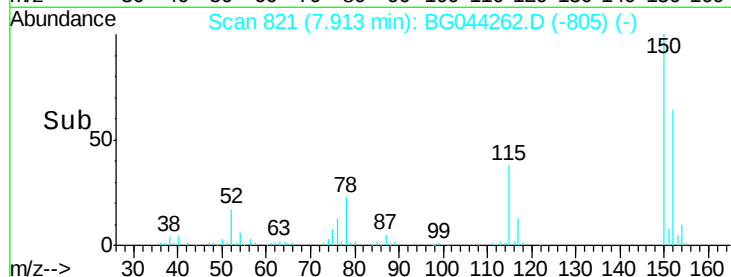
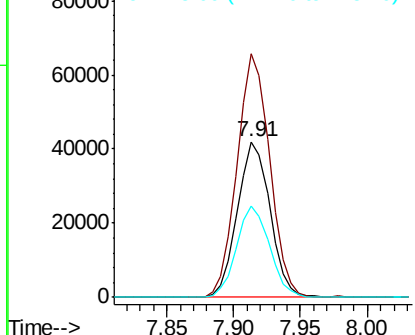
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 71284
Ion Ratio Lower Upper
152 100
150 156.3 122.6 183.8
115 58.7 46.0 69.0



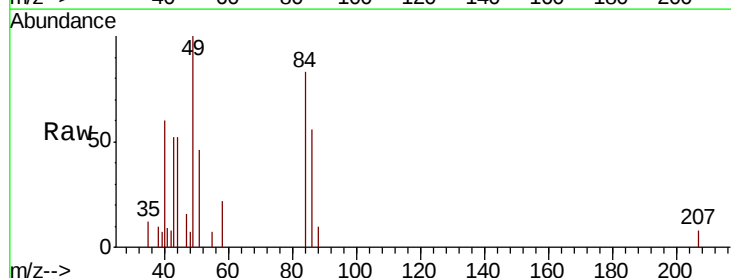
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



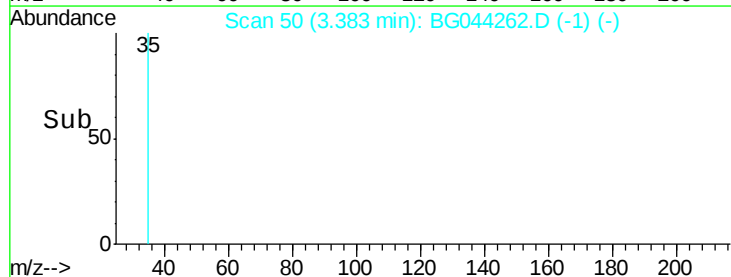
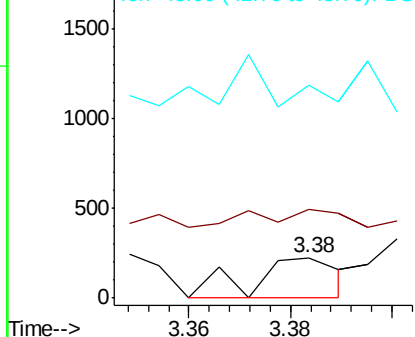
#2

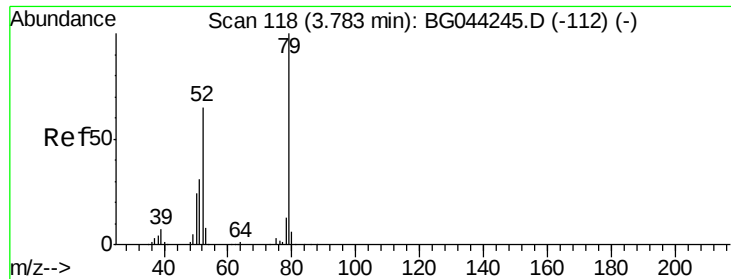
1,4-Dioxane
Concen: 0.149 ng
RT: 3.38 min Scan# 50
Delta R.T. -0.01 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

Tgt Ion: 88 Resp: 270
Ion Ratio Lower Upper
88 100
58 0.0 55.8 83.6#
43 0.0 21.6 32.4#



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: 0.012 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.01 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

Instrument :

BNA_G

ClientSampled :

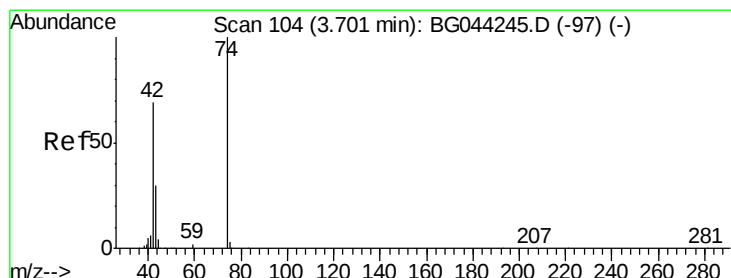
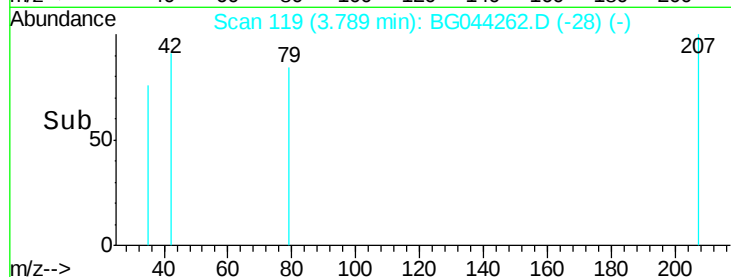
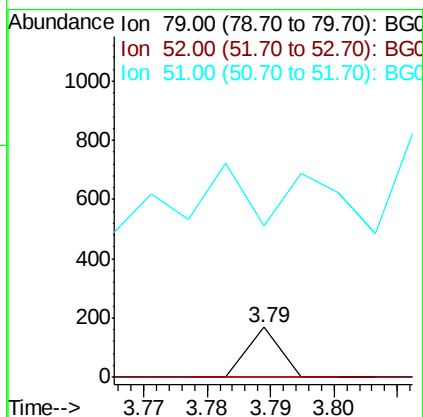
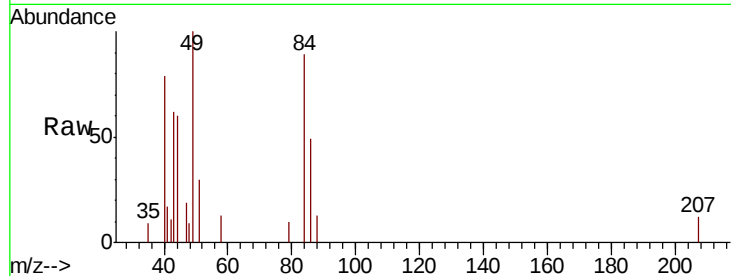
Tot Ion: 79 Resp: 59

Ion Ratio Lower Upper

79 100

52 0.0 51.9 77.9#

51 304.2 25.3 37.9#



#4

n-Nitrosodimethylamine

Concen: 0.139 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.00 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

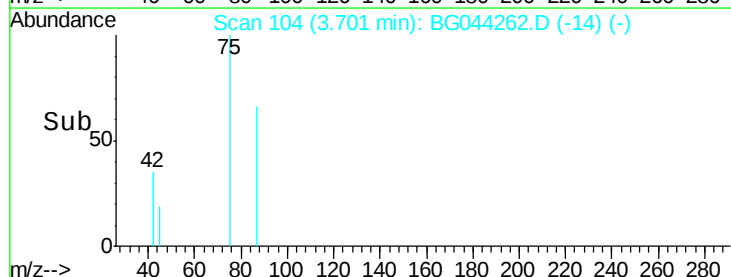
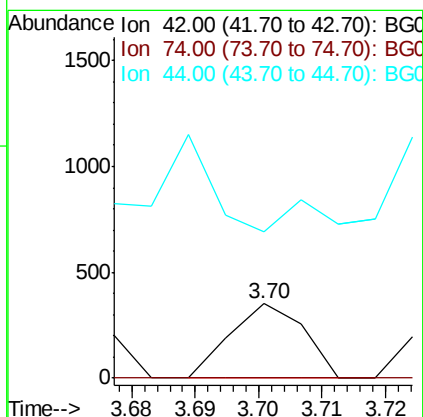
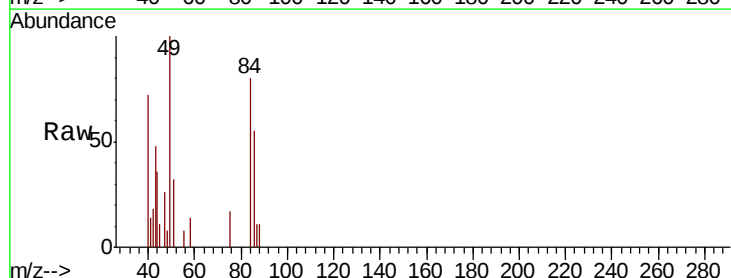
Tgt Ion: 42 Resp: 280

Ion Ratio Lower Upper

42 100

74 0.0 115.1 172.7#

44 196.9 5.6 8.4#





#5

2-Fluorophenol

Concen: 99.138 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

Instrument :

BNA_G

ClientSampled :

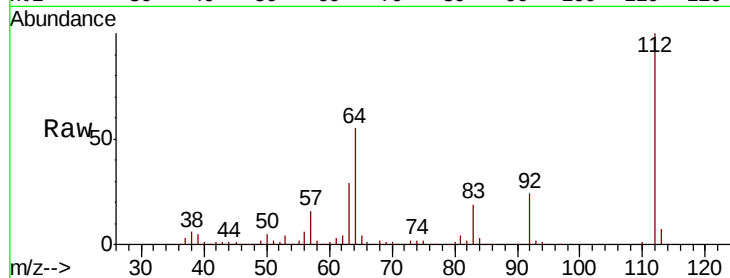
Tot Ion:112 Resp: 400429

Ion Ratio Lower Upper

112 100

64 55.5 45.4 68.2

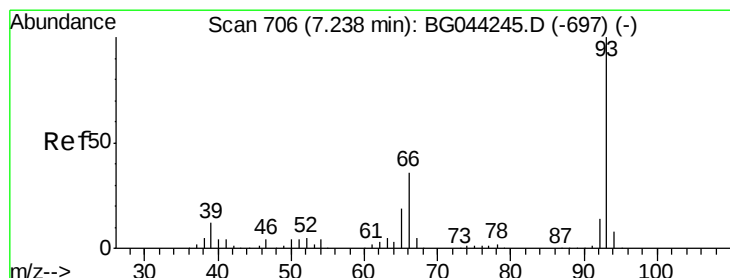
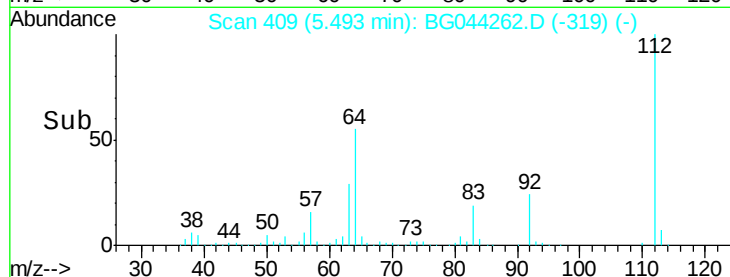
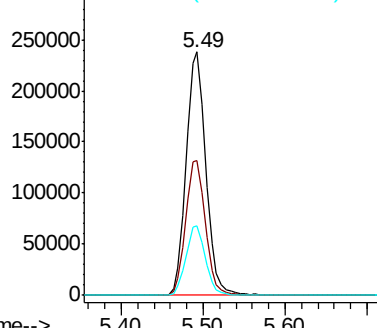
63 28.8 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.008 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.06 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

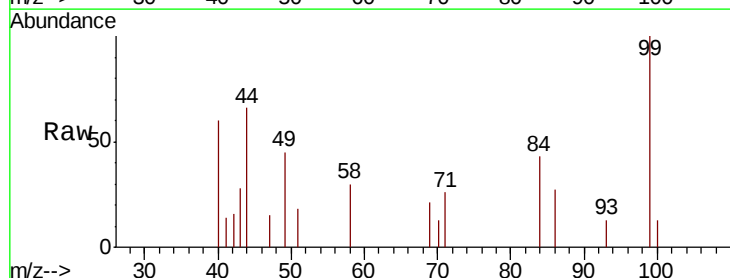
Tgt Ion: 93 Resp: 56

Ion Ratio Lower Upper

93 100

66 0.0 28.7 43.1#

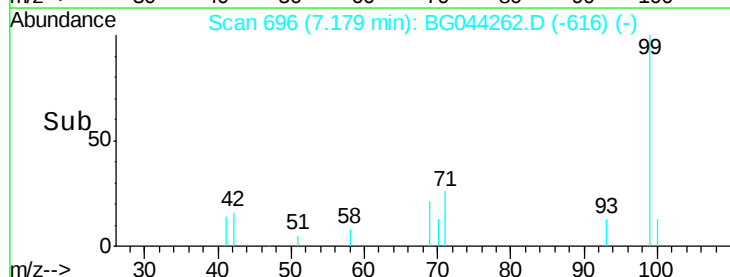
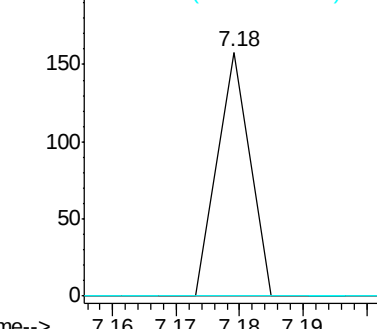
65 0.0 15.4 23.0#



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: 102.354 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

Instrument :

BNA_G

ClientSampleId :

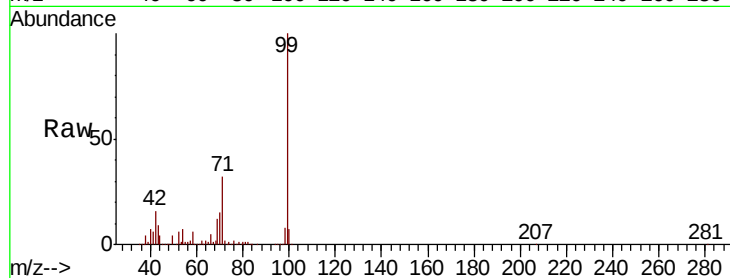
Tot Ion: 99 Resp: 555161

Ion Ratio Lower Upper

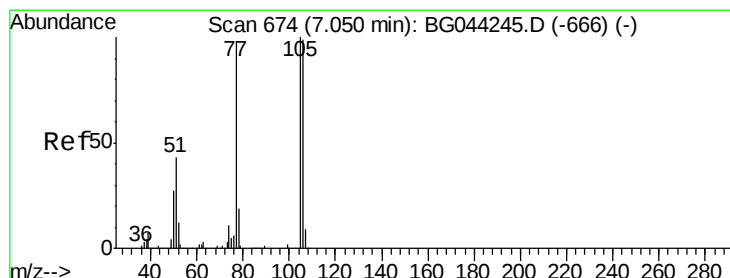
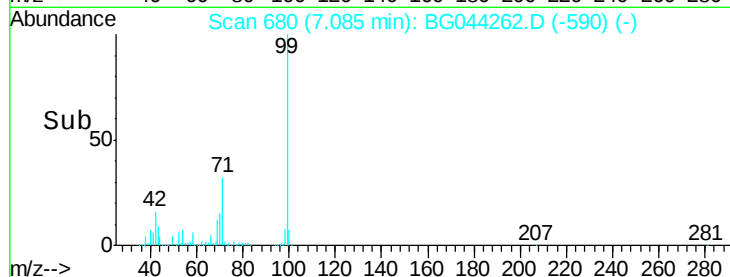
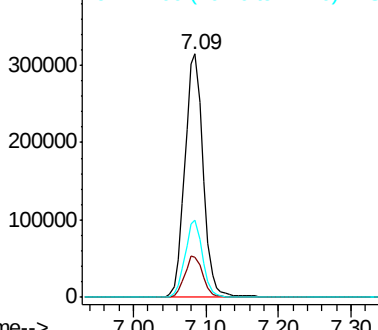
99 100

42 16.4 13.8 20.6

71 31.8 25.5 38.3



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



#9

Benzaldehyde

Concen: 0.264 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.04 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

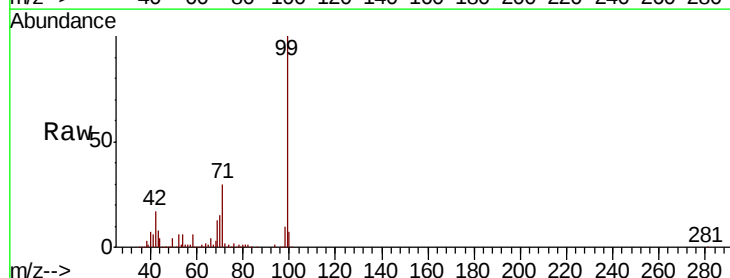
Tgt Ion: 77 Resp: 817

Ion Ratio Lower Upper

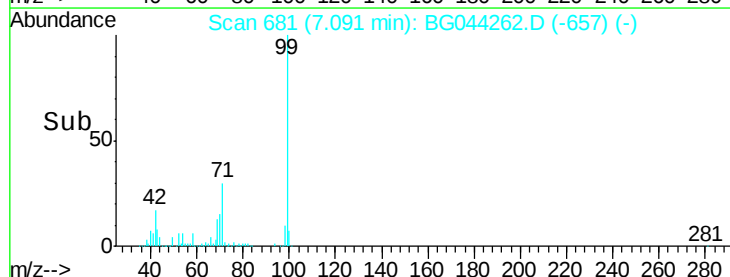
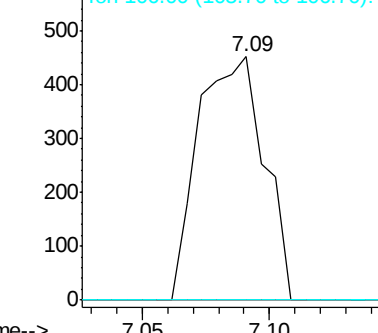
77 100

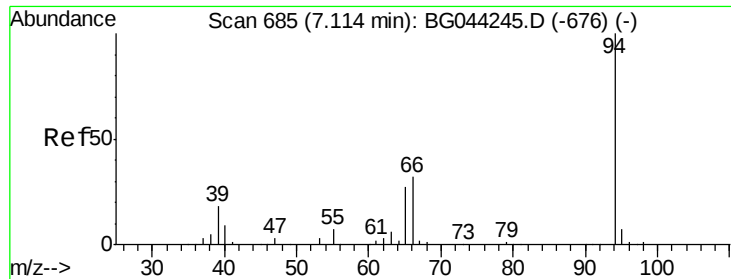
105 0.0 82.0 122.0#

106 0.0 80.7 120.7#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 1.562 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

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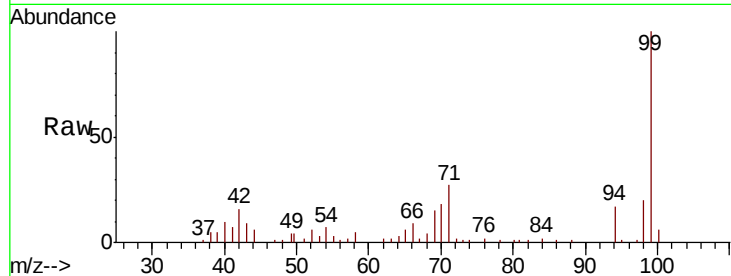
Tot Ion: 94 Resp: 8386

Ion Ratio Lower Upper

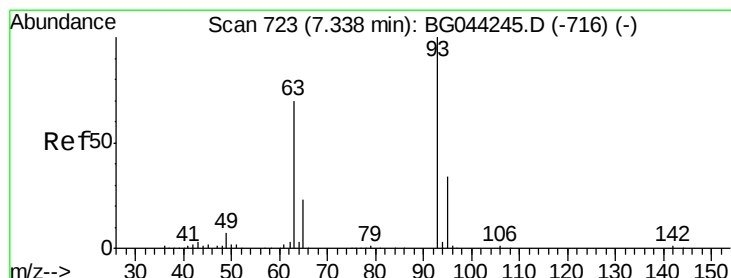
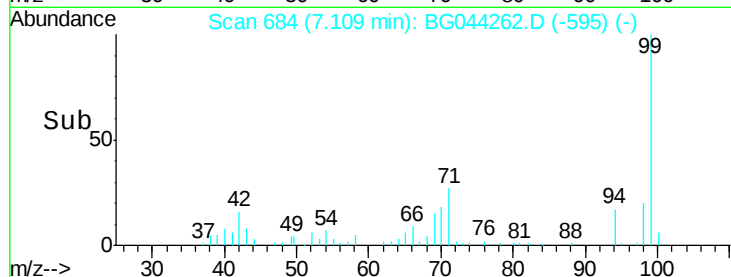
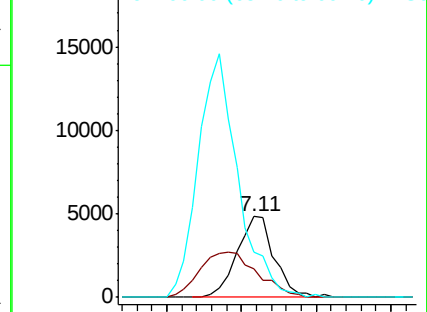
94 100

65 34.6 7.0 47.0

66 56.3 12.7 52.7#



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



#11

bis(2-Chloroethyl)ether

Concen: 0.012 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.16 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

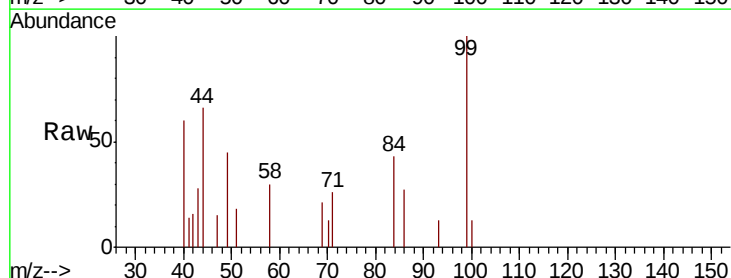
Tgt Ion: 93 Resp: 56

Ion Ratio Lower Upper

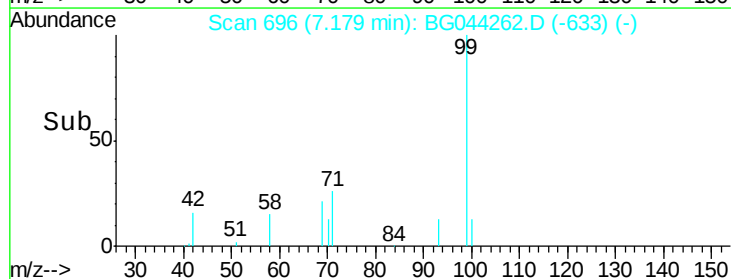
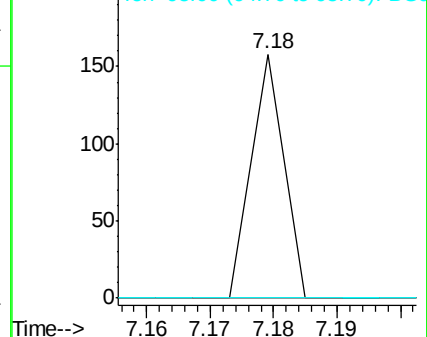
93 100

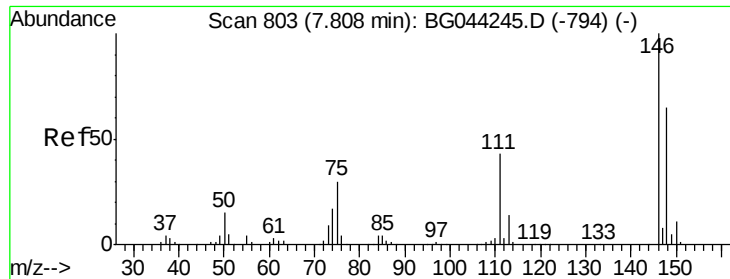
63 0.0 49.2 89.2#

95 0.0 13.6 53.6#



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

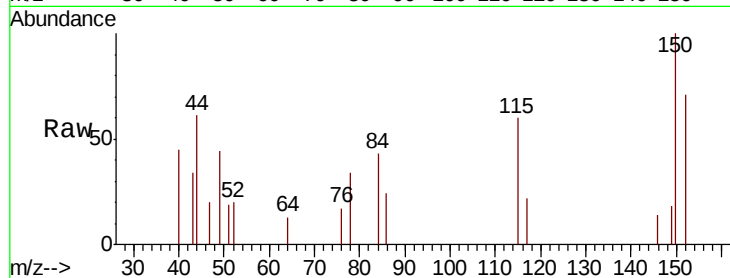




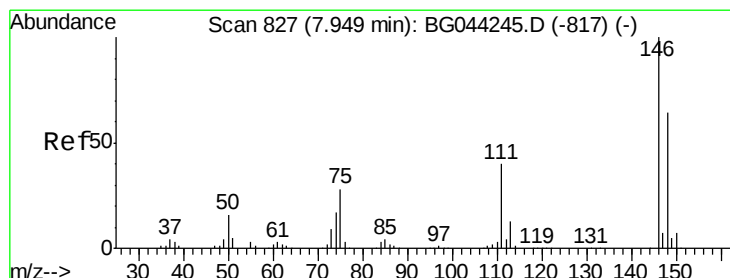
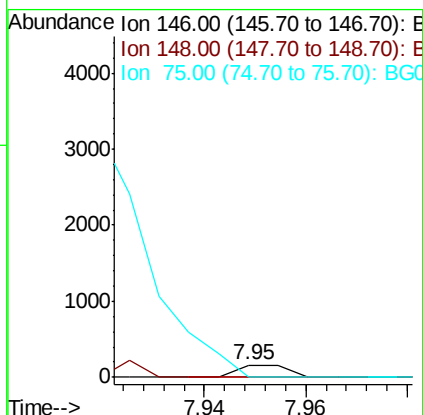
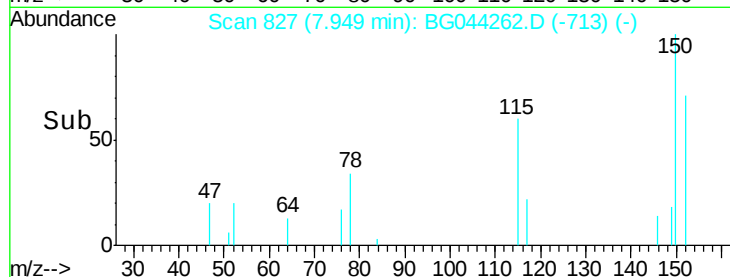
#12
 1,3-Dichlorobenzene
 Concen: 0.021 ng
 RT: 7.95 min Scan# 827
 Delta R.T. 0.14 min
 Lab File: BG044262.D
 Acq: 31 Jan 2020 16:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 111
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.8 77.8#
 75 0.0 23.7 35.5#

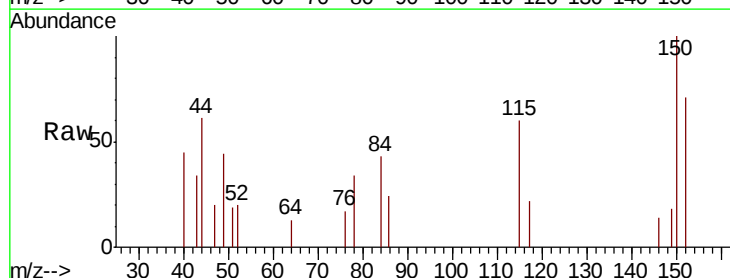


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): B

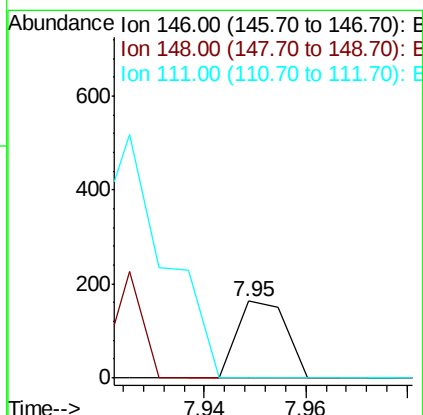
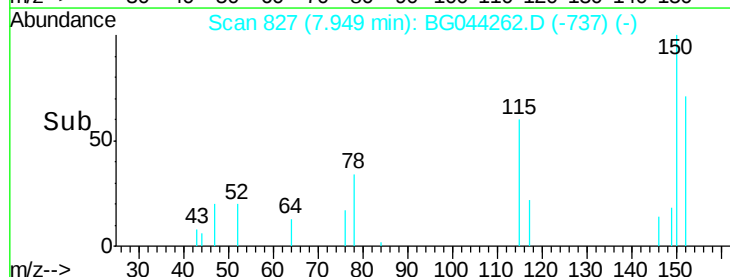


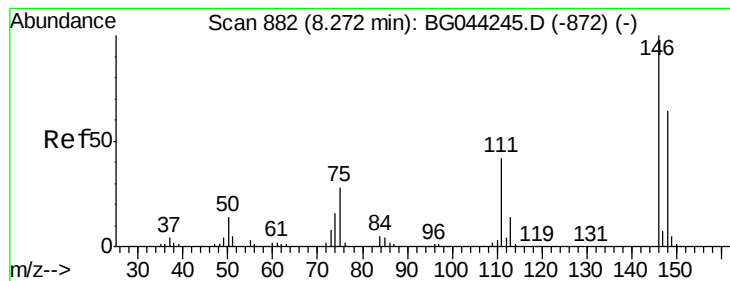
#13
 1,4-Dichlorobenzene
 Concen: 0.021 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG044262.D
 Acq: 31 Jan 2020 16:28

Tgt Ion:146 Resp: 111
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.4 77.0#
 111 0.0 31.8 47.8#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.022 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.32 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

Instrument :

BNA_G

ClientSampled :

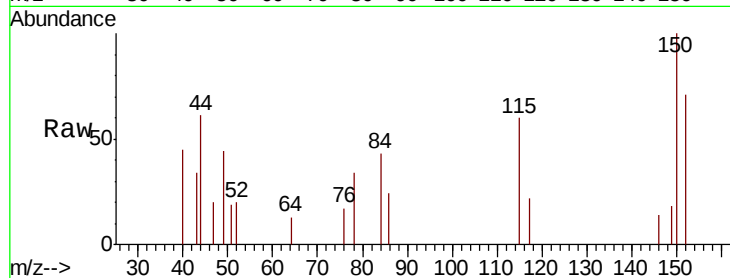
Tot Ion:146 Resp: 111

Ion Ratio Lower Upper

146 100

148 0.0 51.2 76.8#

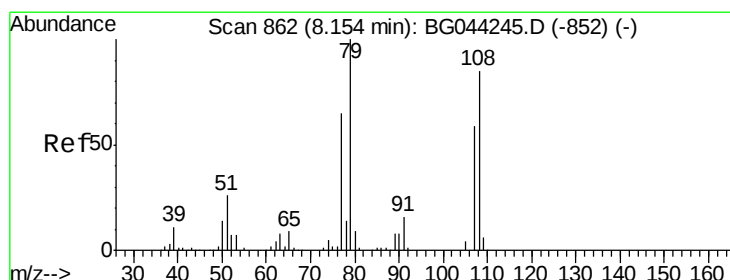
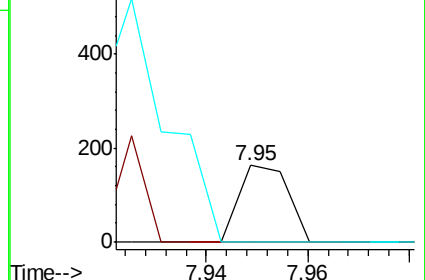
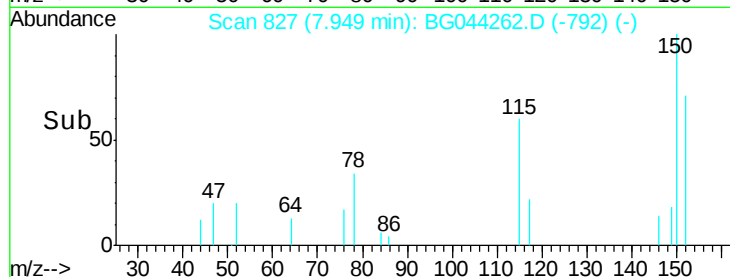
111 0.0 34.0 51.0#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.337 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.08 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

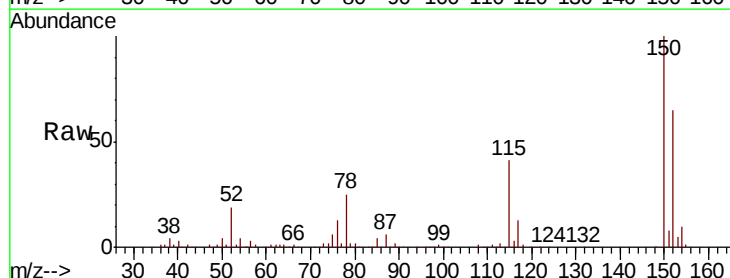
Tgt Ion: 79 Resp: 5133

Ion Ratio Lower Upper

79 100

108 31.5 68.3 102.5#

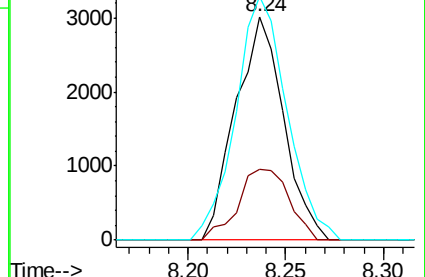
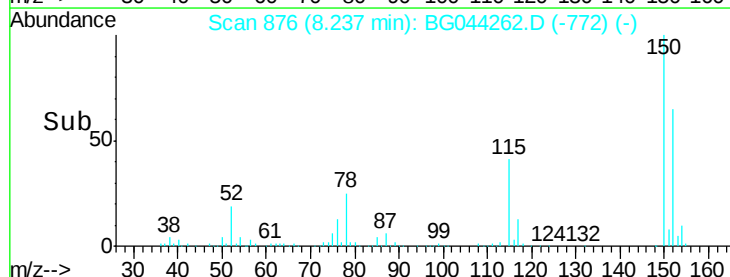
77 109.0 51.8 77.8#

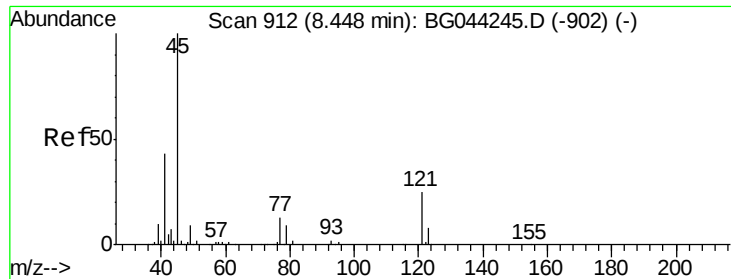


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

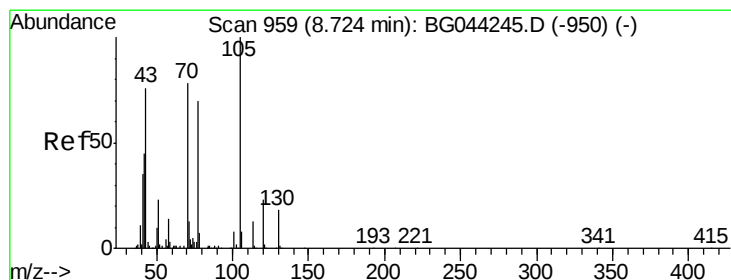
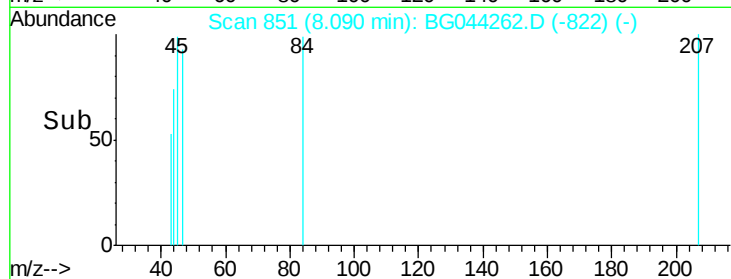
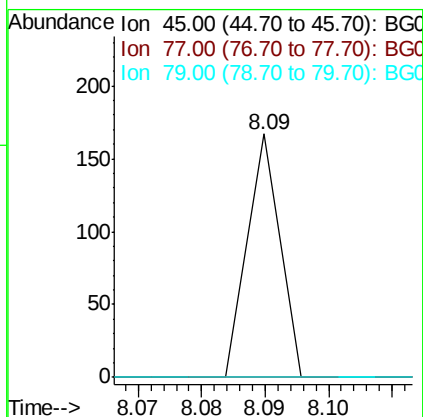
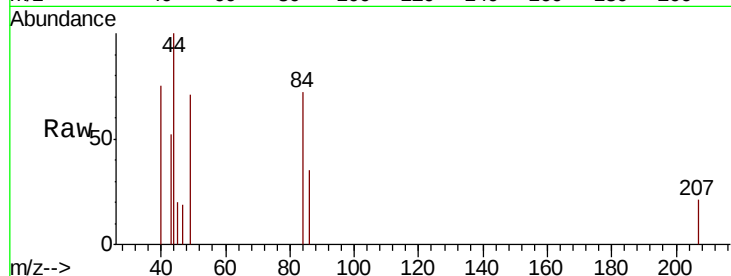




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 0.009 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.36 min
 Lab File: BG044262.D
 Acq: 31 Jan 2020 16:28

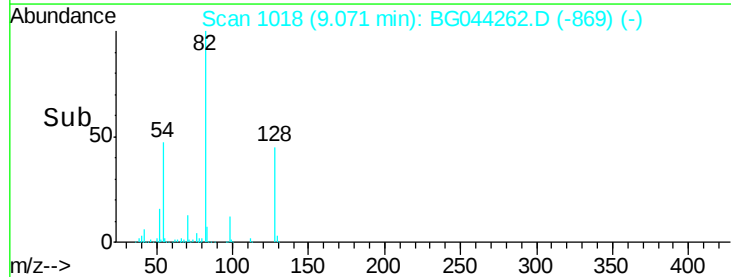
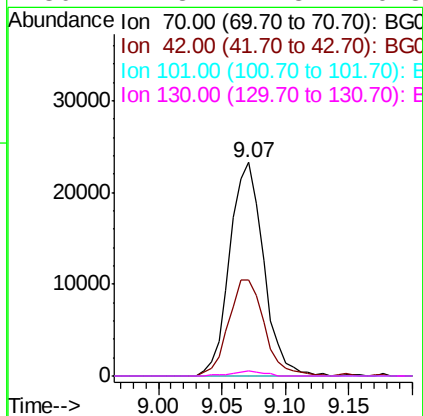
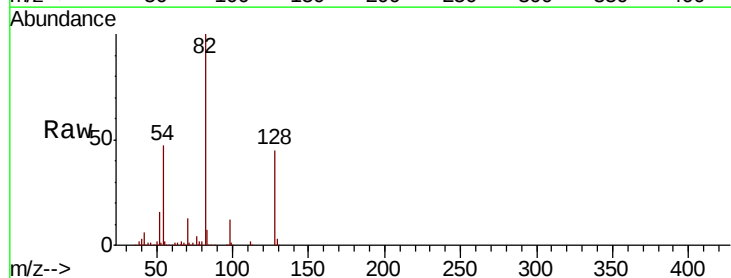
Instrument :
 BNA_G
 ClientSampleId :

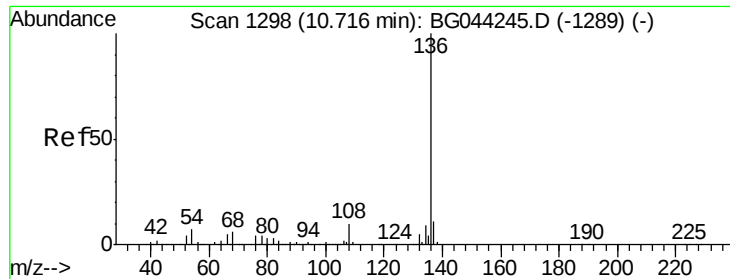
Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	35.2
79	0.0	0.0	31.1



#19
 n-Nitroso-di-n-propylamine
 Concen: 11.905 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. 0.35 min
 Lab File: BG044262.D
 Acq: 31 Jan 2020 16:28

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.1	46.2	69.2#
101	0.0	8.4	12.6#
130	2.3	17.8	26.8#

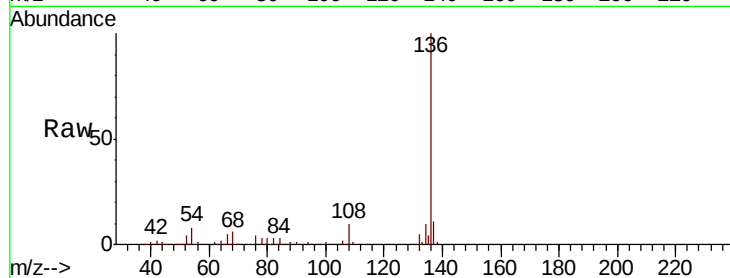




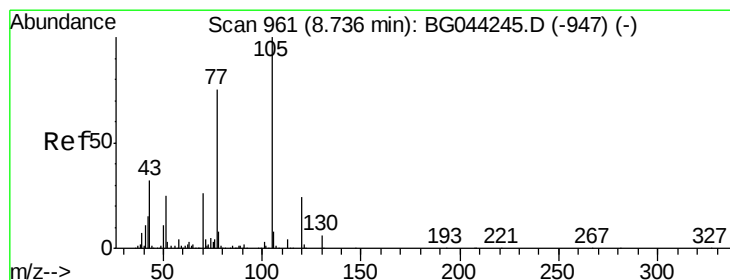
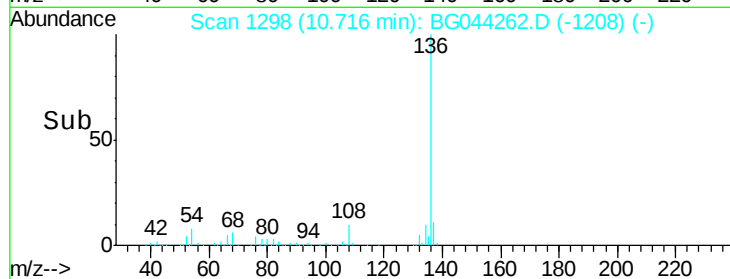
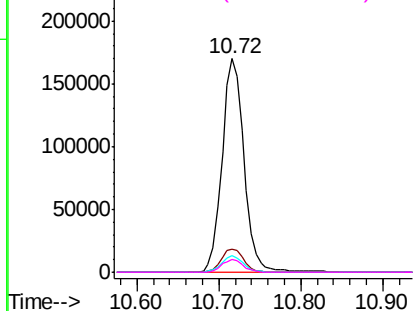
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	318666
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	7.6	5.8 8.8
68	6.3	4.6 6.8

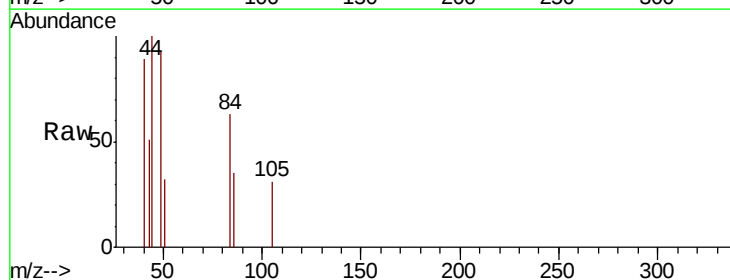


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

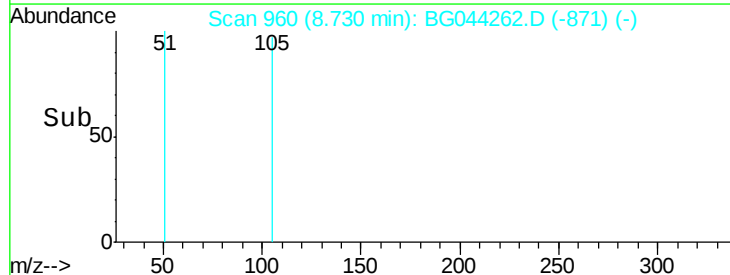
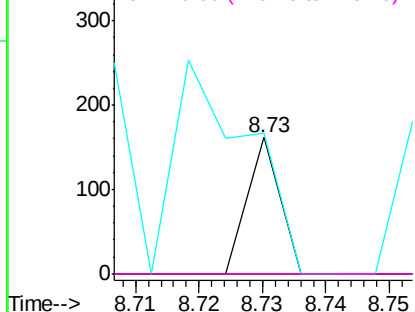


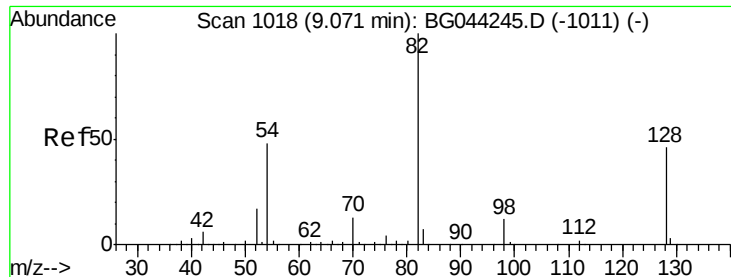
#22
Acetophenone
Concen: 0.007 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

Tgt Ion:105	Resp:	57
Ion	Ratio	Lower Upper
105	100	
71	0.0	3.4 5.0#
51	103.1	20.2 30.4#
120	0.0	19.1 28.7#



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

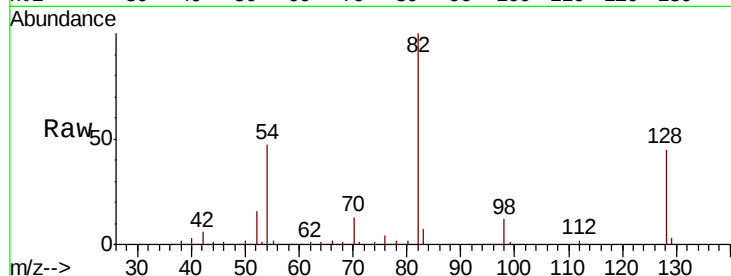




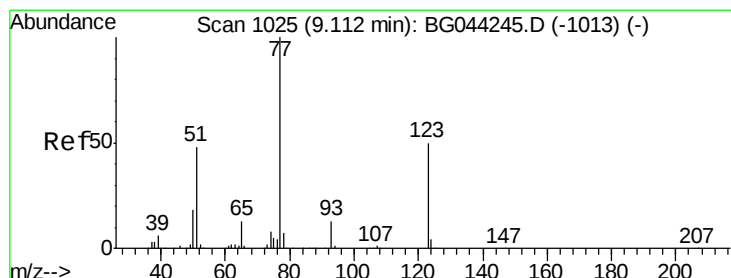
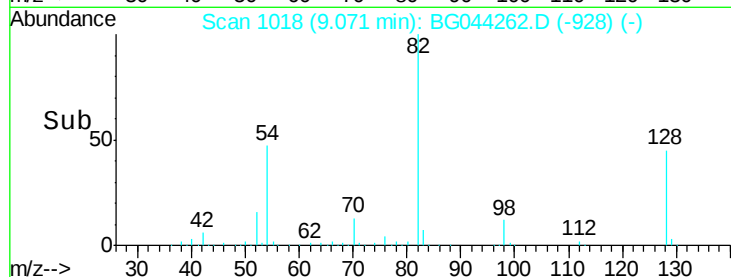
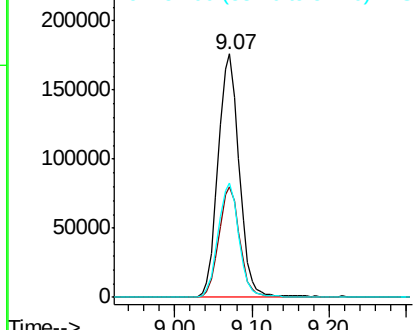
#23
Nitrobenzene-d5
Concen: 59.336 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	334923
Ion Ratio	100	Lower	Upper
128	45.1	36.5	54.7
54	46.9	38.6	58.0

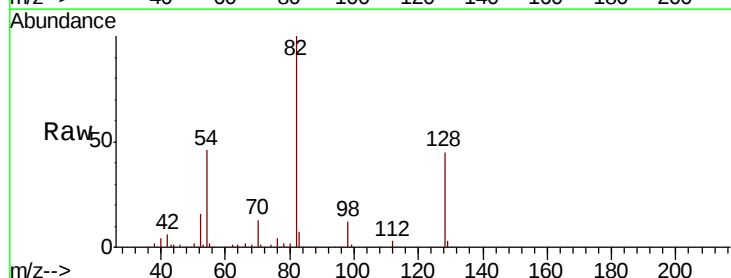


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

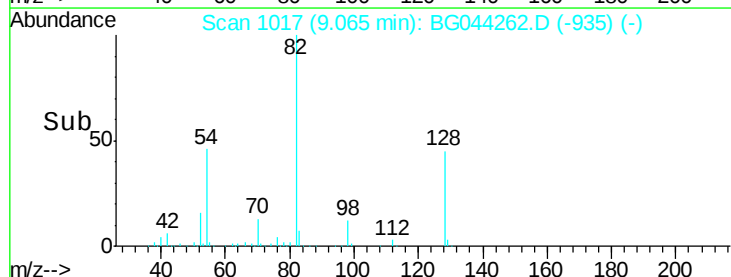
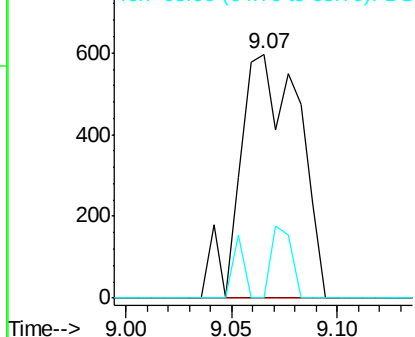


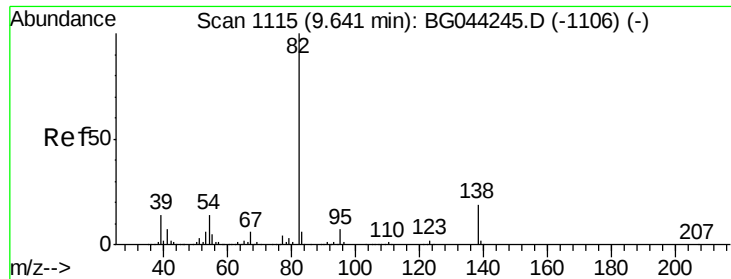
#24
Nitrobenzene
Concen: 0.212 ng
RT: 9.07 min Scan# 1017
Delta R.T. -0.05 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

Tgt Ion	77	Resp	1169
Ion Ratio	100	Lower	Upper
123	0.0	39.9	59.9#
65	0.0	10.4	15.6#



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

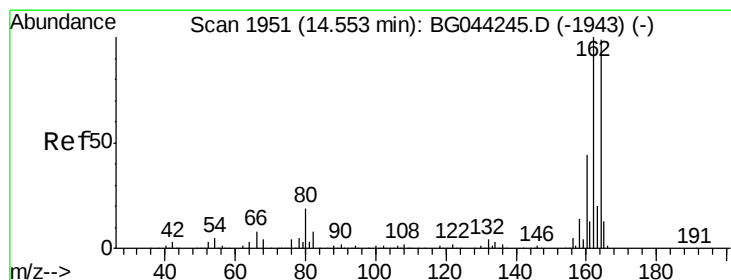
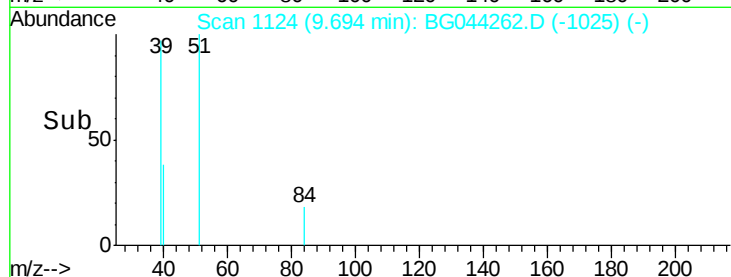
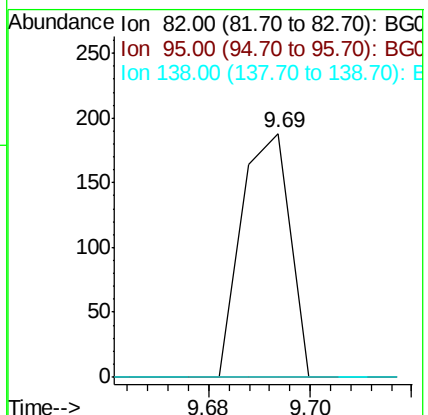
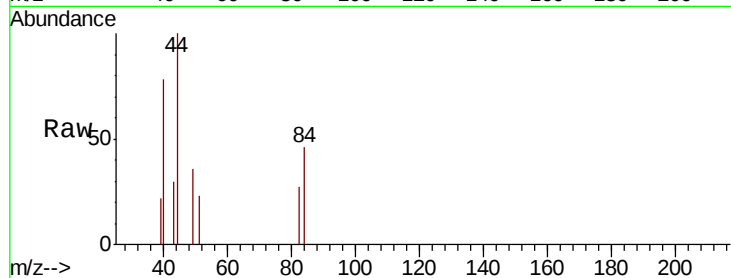




#25
Isophorone
Concen: 0.012 ng
RT: 9.69 min Scan# 1124
Delta R.T. 0.05 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

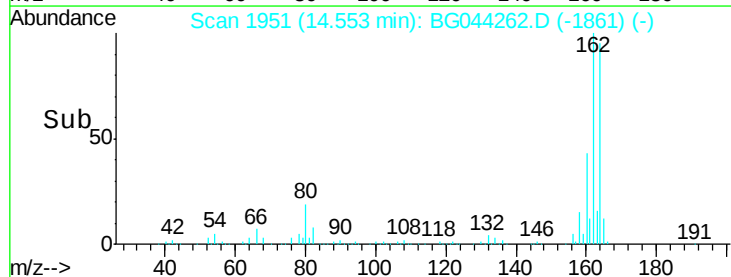
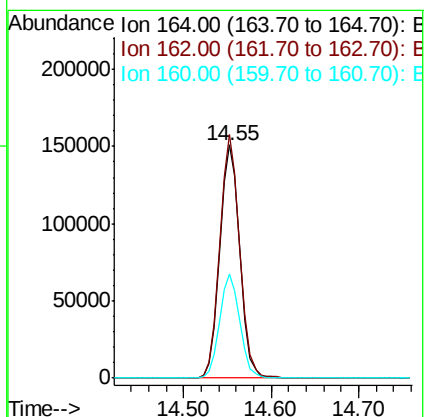
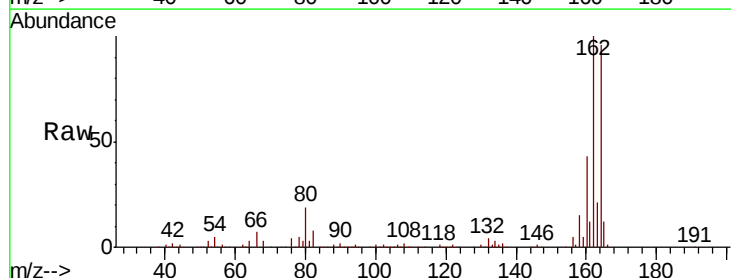
Instrument :
BNA_G
ClientSampleId :

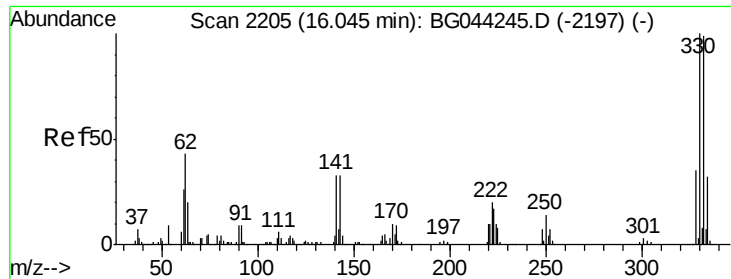
Tot Ion: 82 Resp: 124
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

Tgt Ion: 164 Resp: 239770
Ion Ratio Lower Upper
164 100
162 104.5 80.7 121.1
160 44.9 35.3 52.9

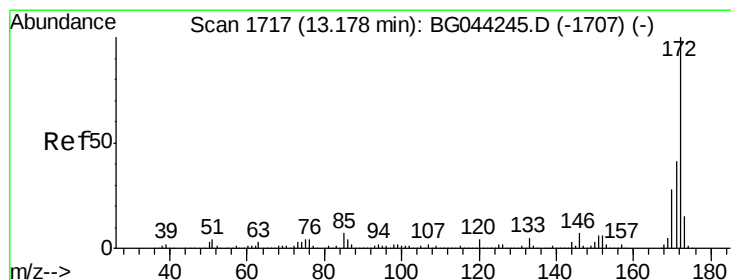
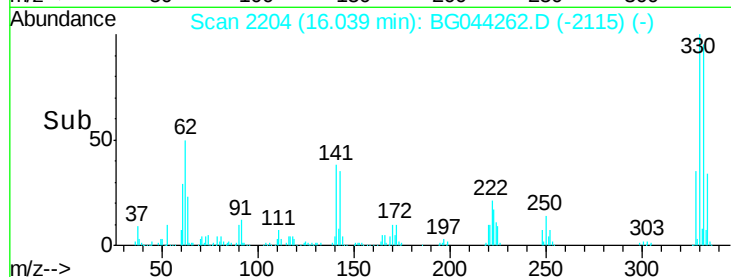
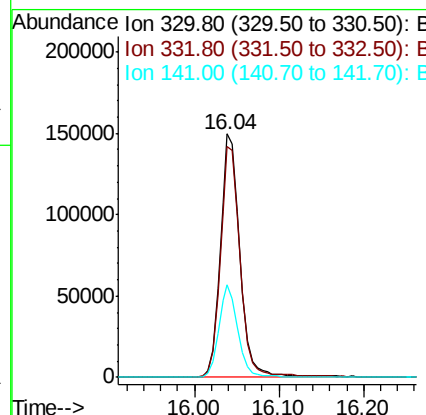
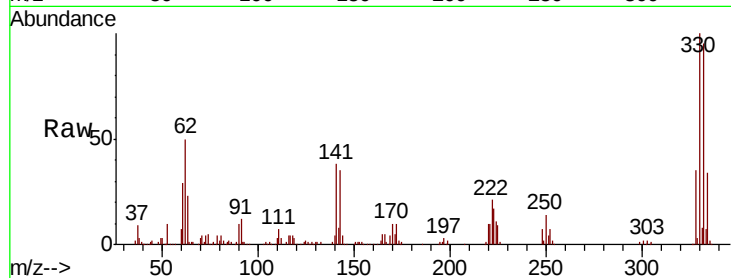




#42
 2,4,6-Tribromophenol
 Concen: 86.683 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG044262.D
 Acq: 31 Jan 2020 16:28

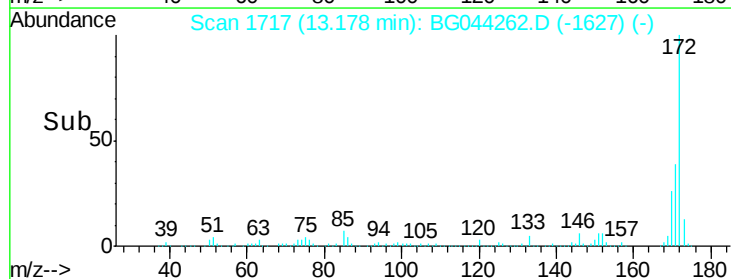
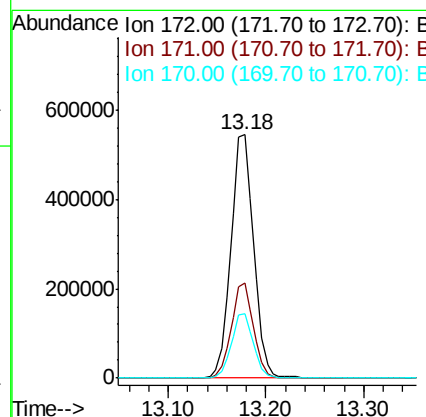
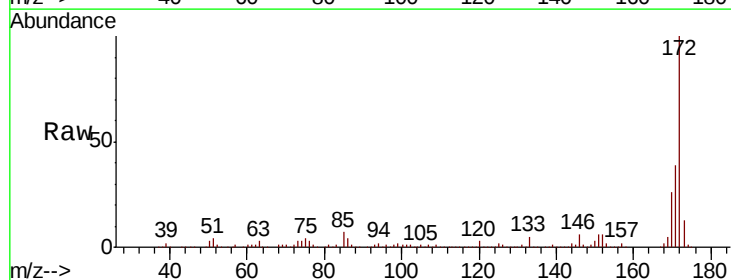
Instrument :
 BNA_G
 ClientSampleId :

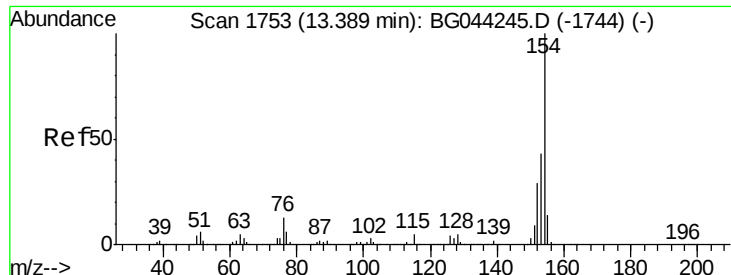
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	36.9	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 61.528 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044262.D
 Acq: 31 Jan 2020 16:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.9	49.3
170	26.4	22.0	33.0

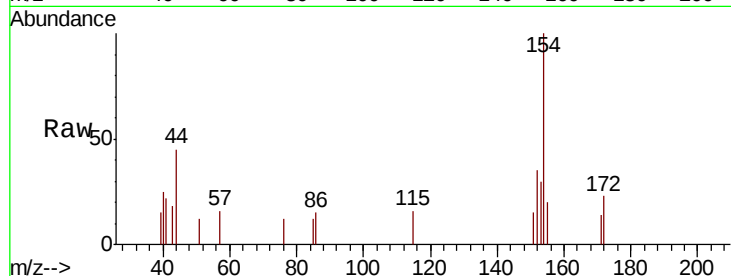




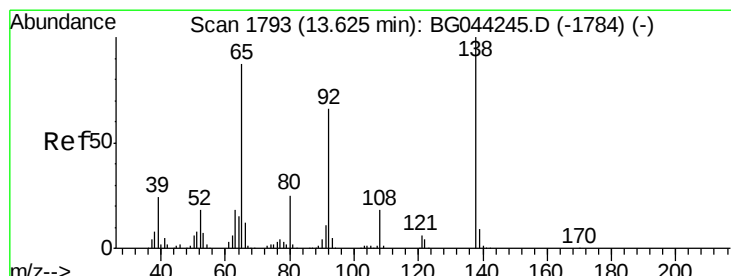
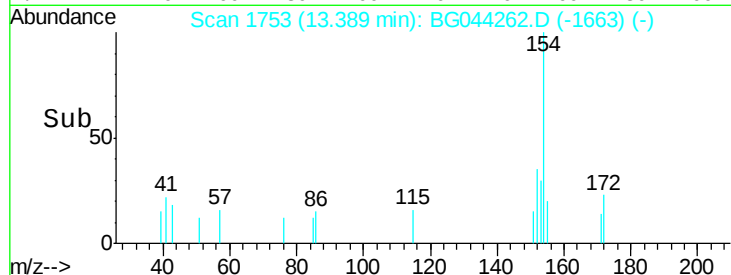
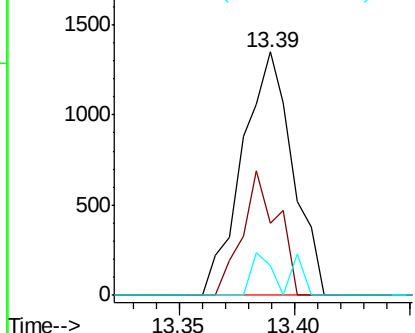
#46
1,1'-Biphenyl
Concen: 0.118 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	29.8	22.7	62.7
76	12.4	0.0	32.9

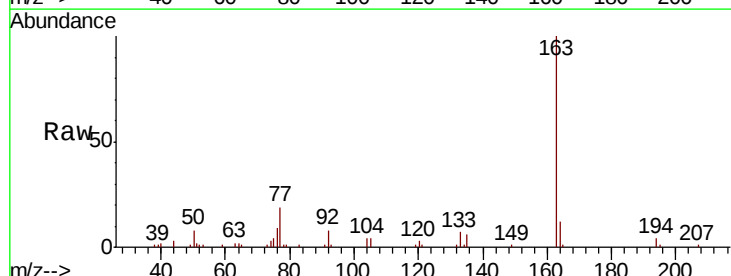


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

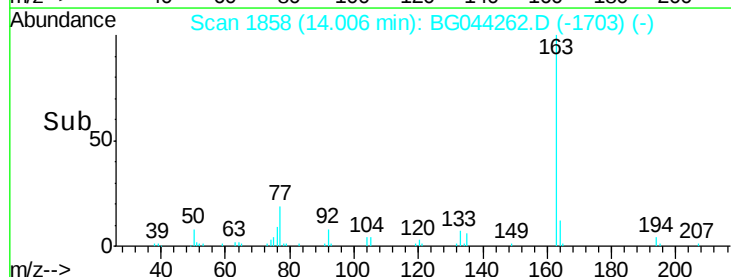
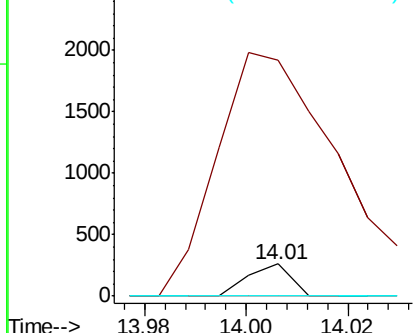


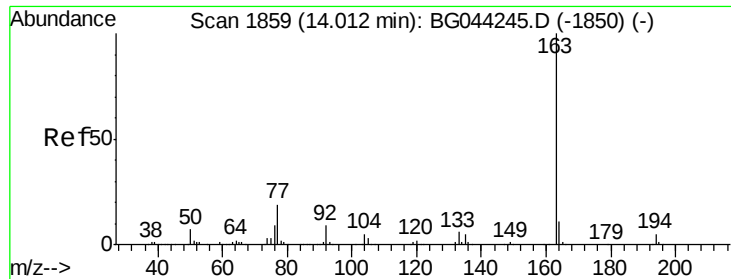
#48
2-Nitroaniline
Concen: 0.037 ng
RT: 14.01 min Scan# 1858
Delta R.T. 0.38 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	738.1	60.3	90.5#
138	0.0	91.9	137.9#



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





#50

Dimethylphthalate

Concen: 2.495 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

Instrument :

BNA_G

ClientSampleId :

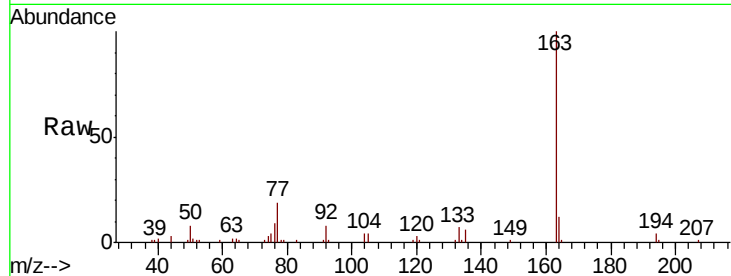
Tot Ion:163 Resp: 43001

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

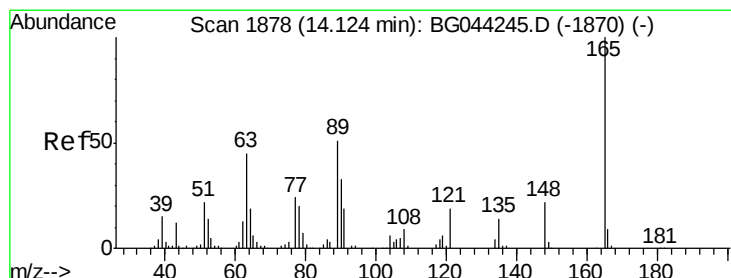
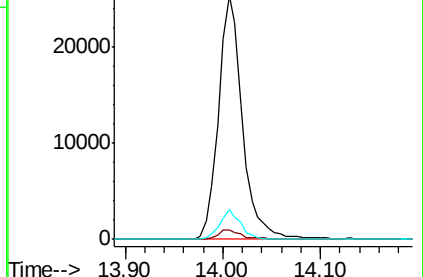
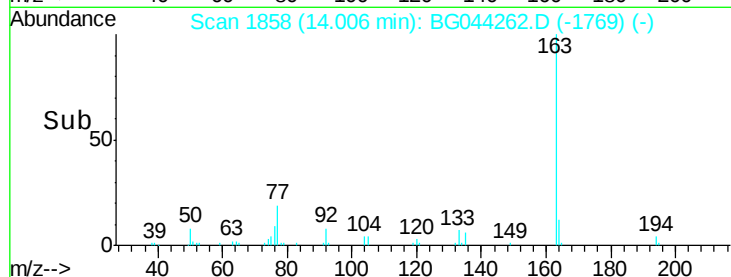
164 12.2 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.253 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.43 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

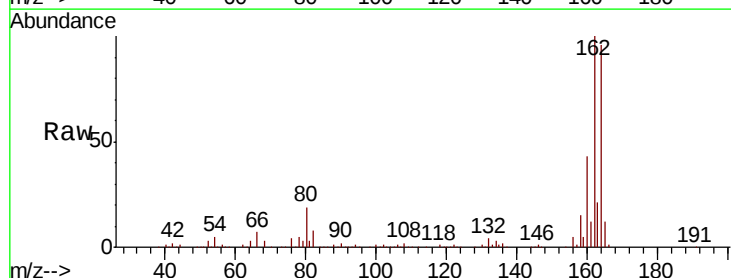
Tgt Ion:165 Resp: 31717

Ion Ratio Lower Upper

165 100

63 0.8 38.7 58.1#

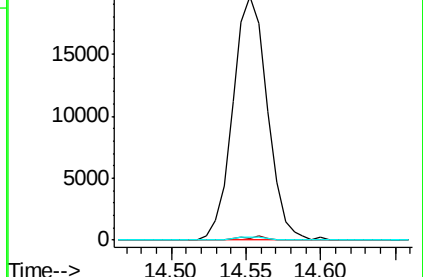
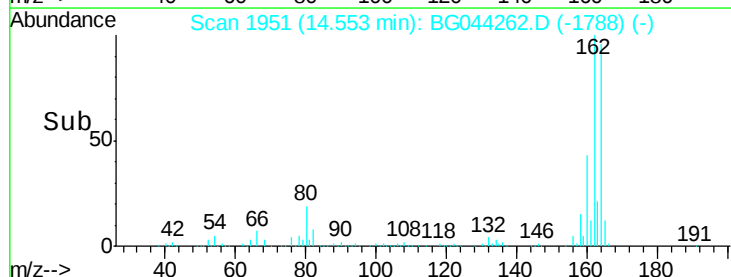
89 1.1 40.4 60.6#

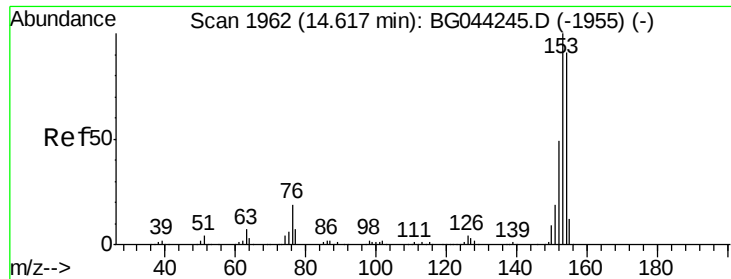


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.066 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.06 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

Instrument :

BNA_G

ClientSampleId :

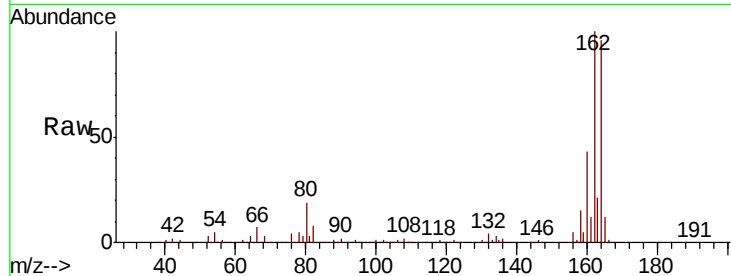
Tot Ion:154 Resp: 858

Ion Ratio Lower Upper

154 100

153 0.0 87.9 131.9#

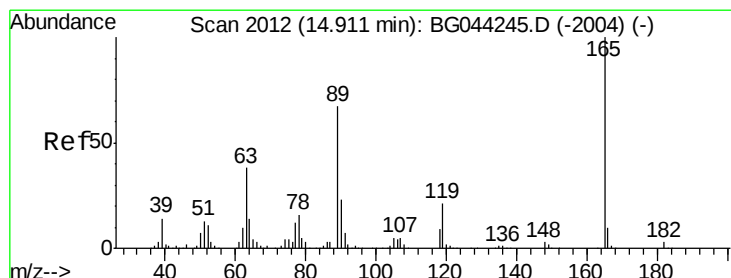
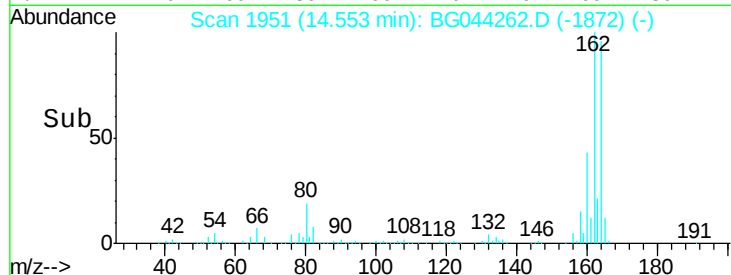
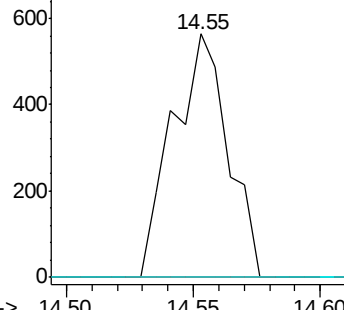
152 0.0 43.1 64.7#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

2,4-Dinitrotoluene

Concen: 5.889 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.36 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

Tgt Ion:165 Resp: 31717

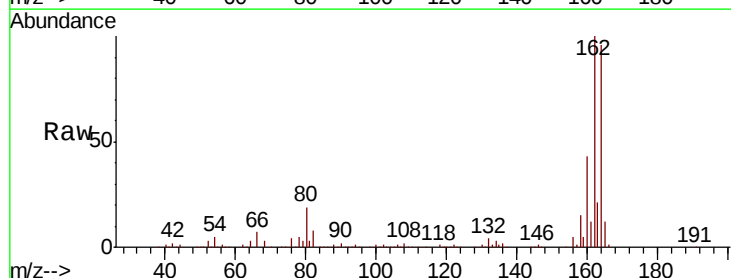
Ion Ratio Lower Upper

165 100

63 0.8 30.3 45.5#

89 1.1 53.4 80.2#

182 0.0 2.1 3.1#

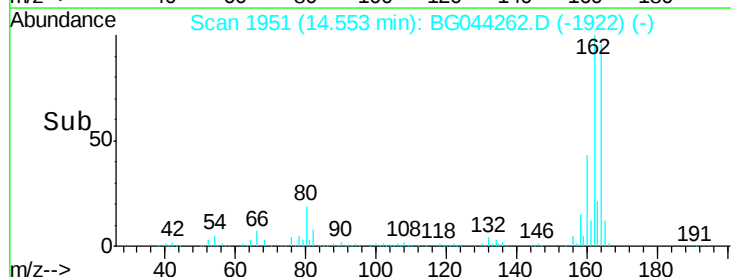
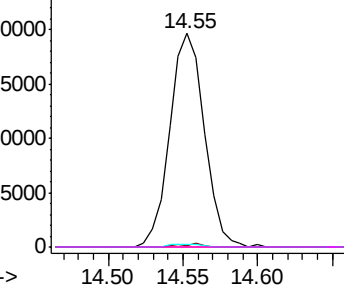


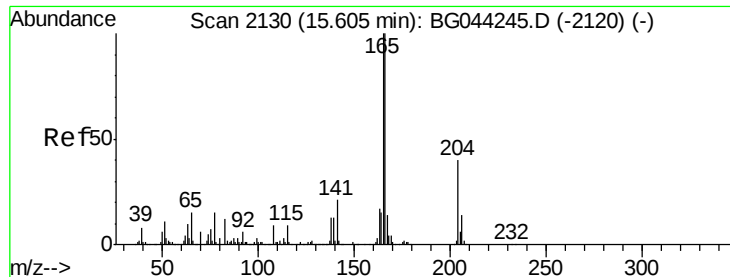
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.734 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.43 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

Instrument :

BNA_G

ClientSampleId :

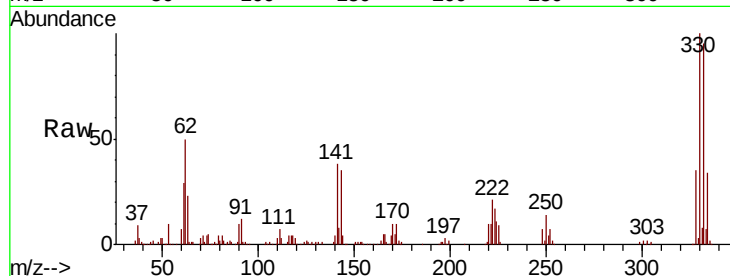
Tot Ion:166 Resp: 11451

Ion Ratio Lower Upper

166 100

165 98.8 79.9 119.9

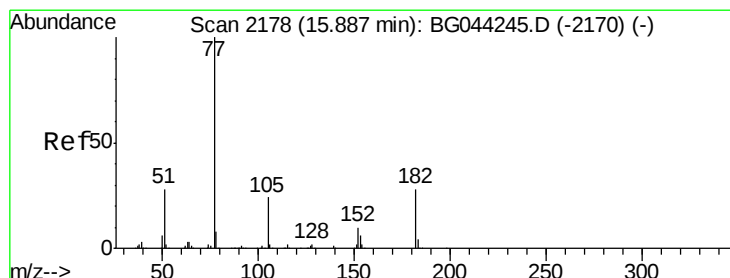
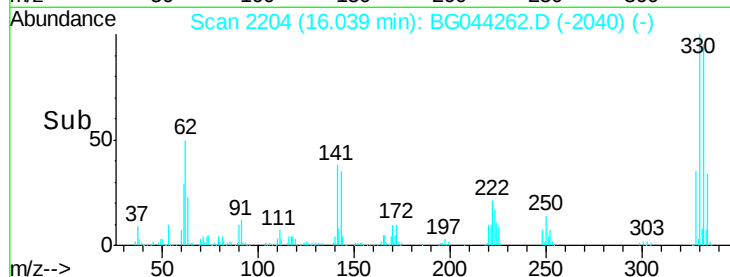
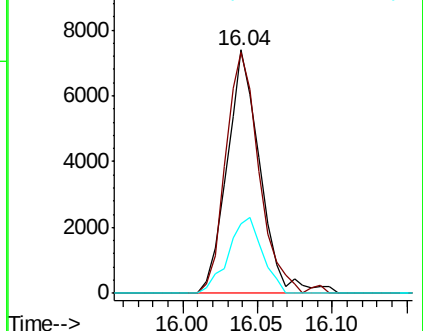
167 28.7 11.4 17.0#



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



#63

Azobenzene

Concen: 0.085 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.15 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

Tgt Ion: 77 Resp: 1274

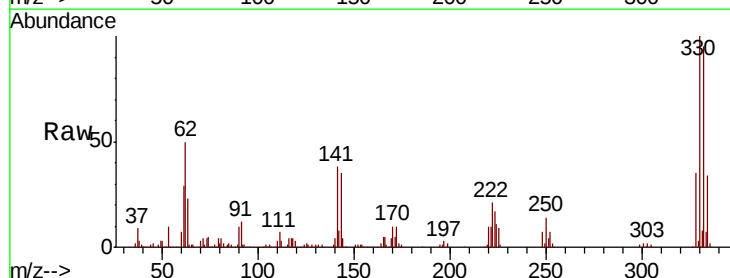
Ion Ratio Lower Upper

77 100

182 0.0 8.2 48.2#

105 72.9 3.6 43.6#

51 60.1 8.3 48.3#

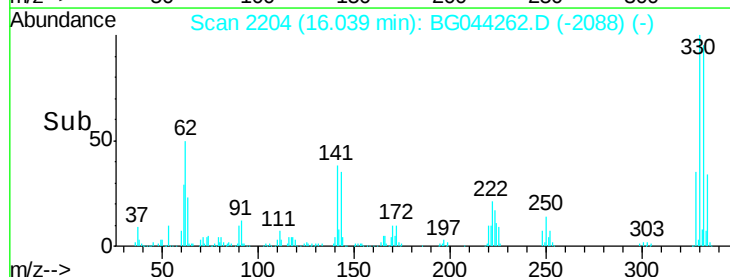
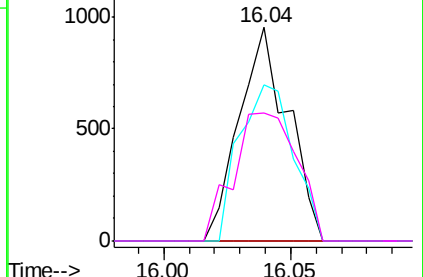


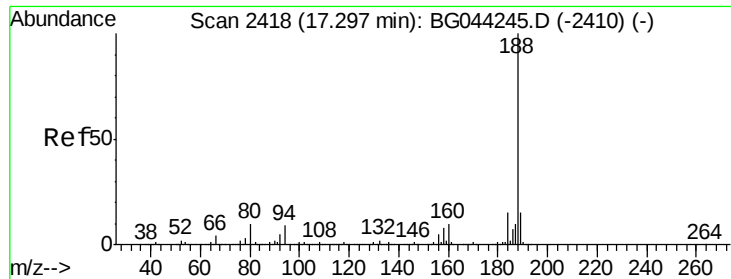
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

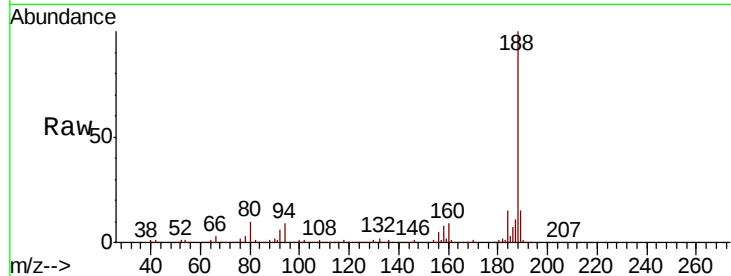




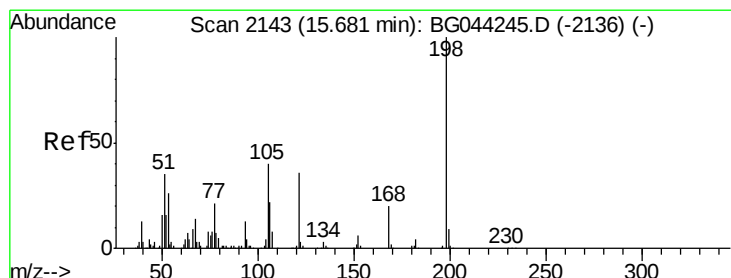
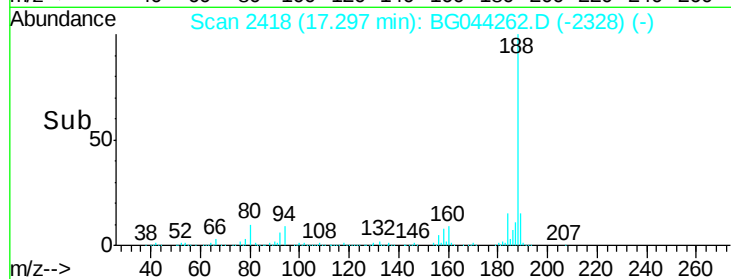
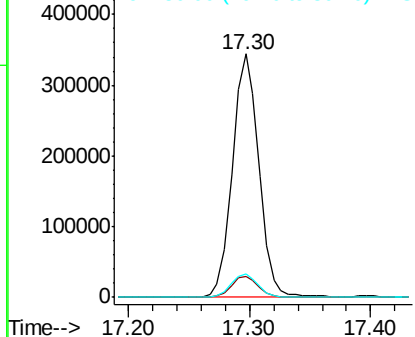
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BG044262.D
 Acq: 31 Jan 2020 16:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 524628
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.4 11.2
 80 9.8 7.7 11.5

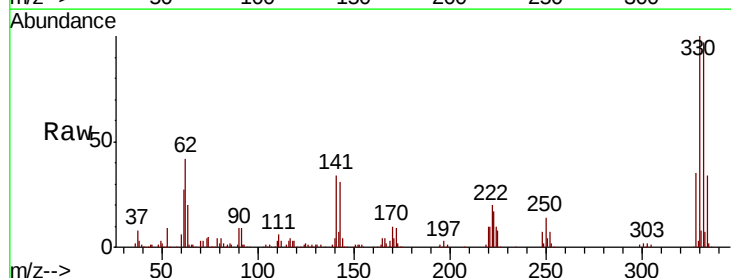


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

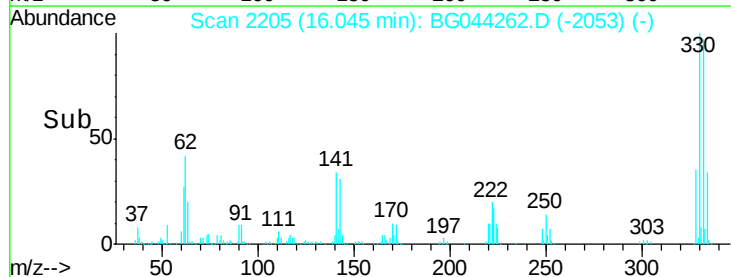
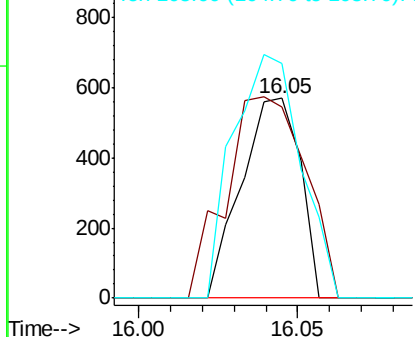


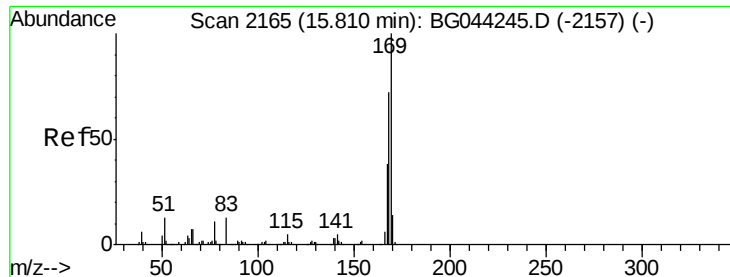
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.253 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. 0.36 min
 Lab File: BG044262.D
 Acq: 31 Jan 2020 16:28

Tgt Ion:198 Resp: 732
 Ion Ratio Lower Upper
 198 100
 51 95.6 16.6 56.6#
 105 117.0 20.6 60.6#



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

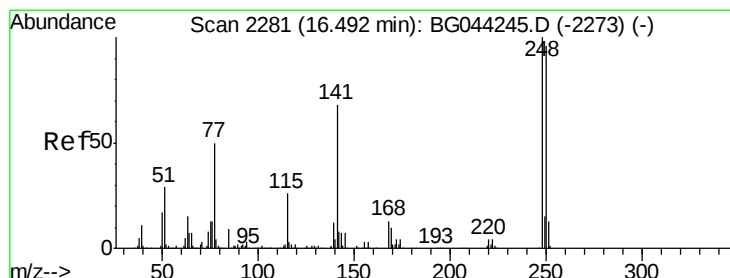
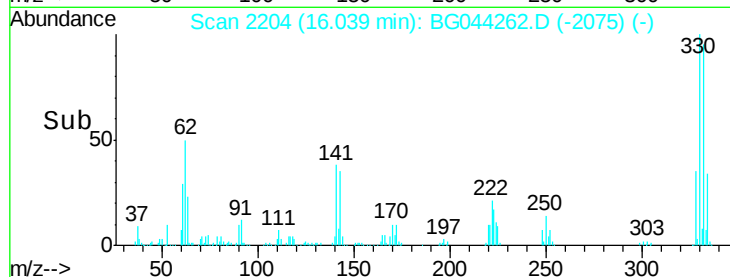
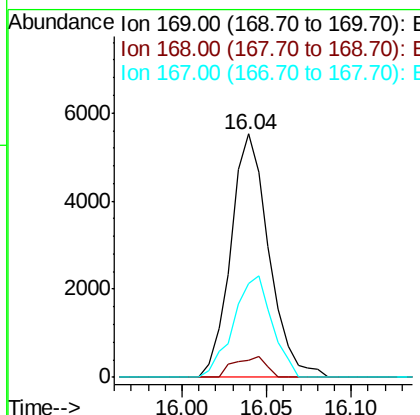
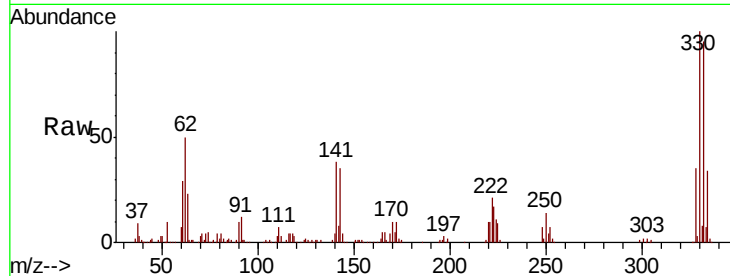




#66
 n-Nitrosodiphenylamine
 Concen: 0.589 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. 0.23 min
 Lab File: BG044262.D
 Acq: 31 Jan 2020 16:28

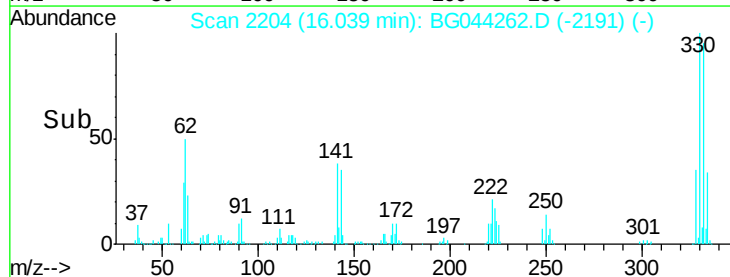
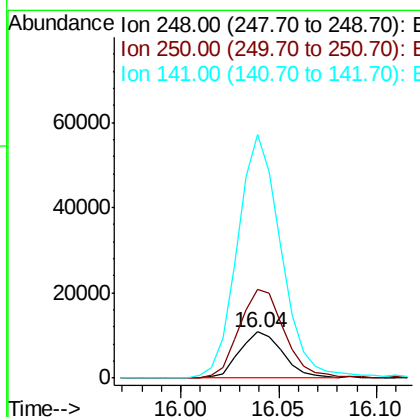
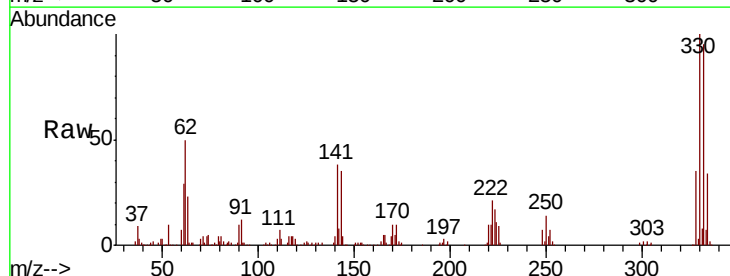
Instrument :
 BNA_G
 ClientSampleId :

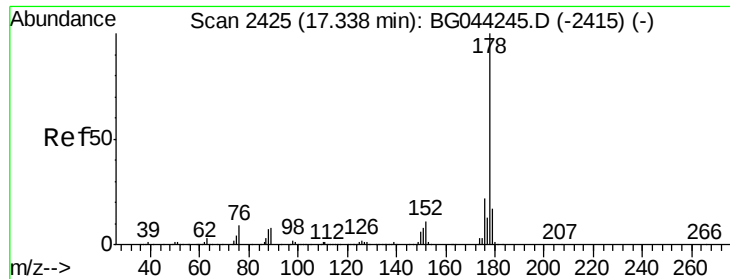
Tot Ion:169 Resp: 8657
 Ion Ratio Lower Upper
 169 100
 168 6.9 57.9 86.9#
 167 38.5 30.7 46.1



#67
 4-Bromophenyl-phenylether
 Concen: 2.907 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.45 min
 Lab File: BG044262.D
 Acq: 31 Jan 2020 16:28

Tgt Ion:248 Resp: 16618
 Ion Ratio Lower Upper
 248 100
 250 192.0 76.6 114.8#
 141 526.7 54.7 82.1#

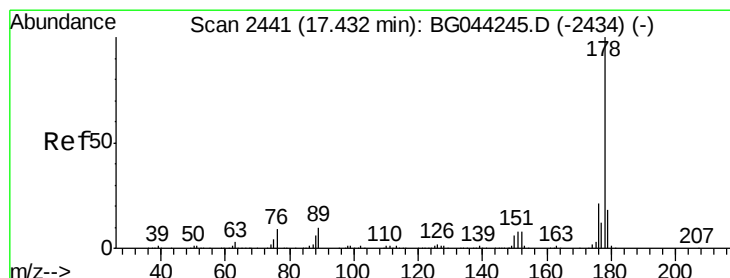
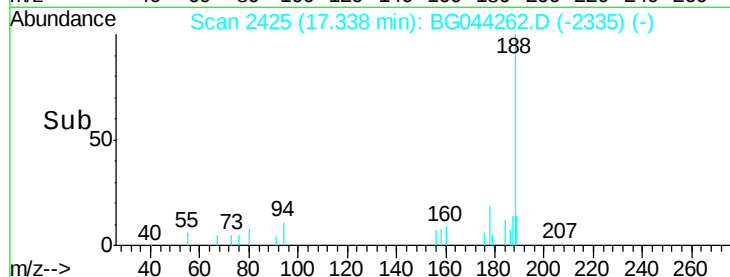
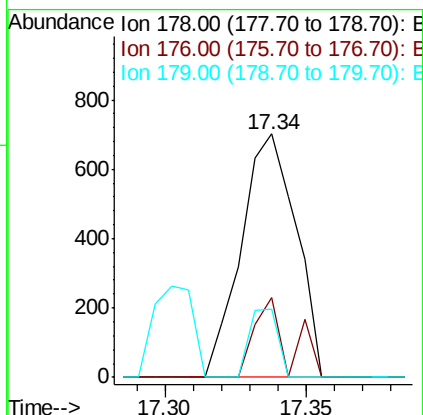
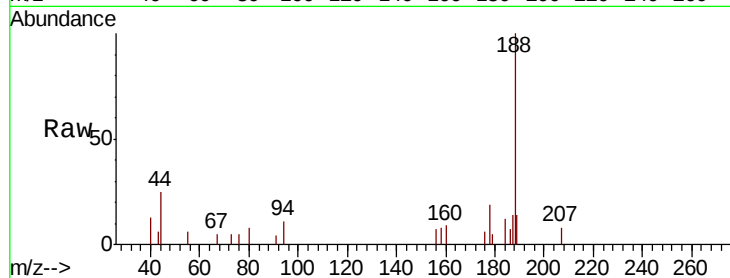




#71
Phenanthrene
Concen: 0.037 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

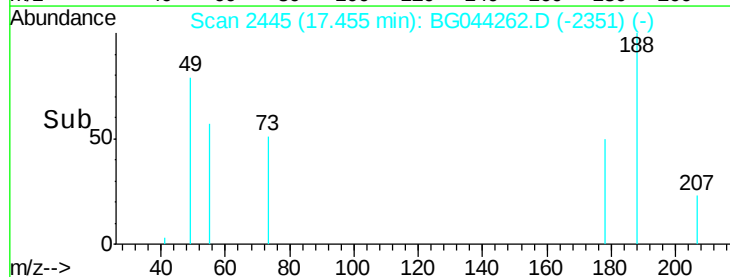
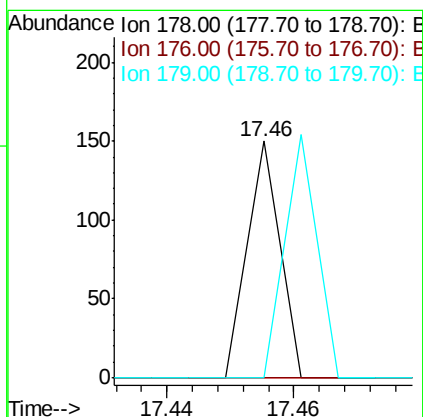
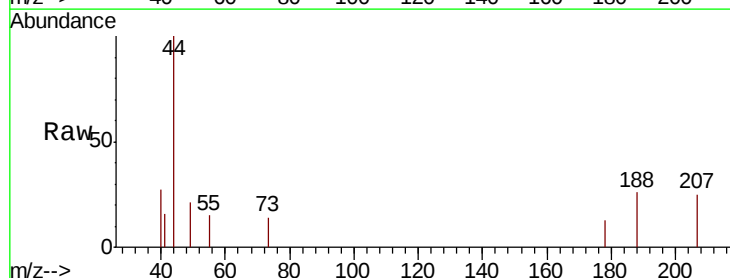
Instrument :
BNA_G
ClientSampleId :

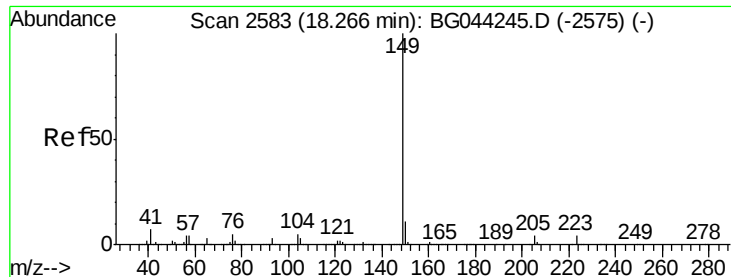
Tot Ion:178 Resp: 942
Ion Ratio Lower Upper
178 100
176 32.8 17.7 26.5#
179 28.1 13.7 20.5#



#72
Anthracene
Concen: 0.002 ng
RT: 17.46 min Scan# 2445
Delta R.T. 0.02 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

Tgt Ion:178 Resp: 53
Ion Ratio Lower Upper
178 100
176 0.0 17.0 25.4#
179 0.0 14.4 21.6#





#74

Di-n-butylphthalate

Concen: 0.020 ng

RT: 18.27 min Scan# 2584

Delta R.T. 0.01 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

Instrument :

BNA_G

ClientSampleId :

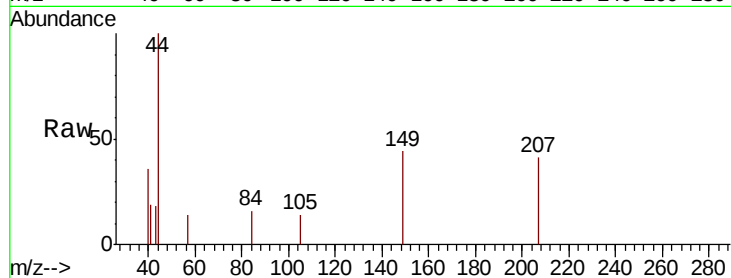
Tot Ion:149 Resp: 581

Ion Ratio Lower Upper

149 100

150 0.0 8.7 13.1#

104 0.0 4.3 6.5#

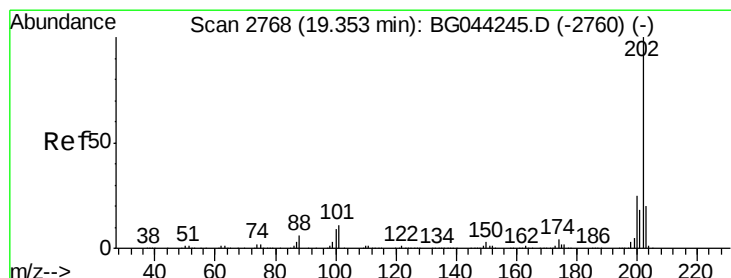
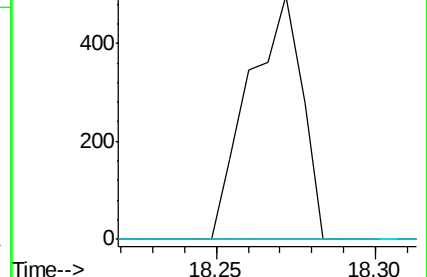
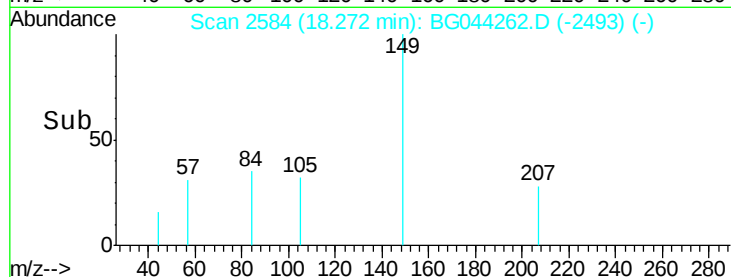


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.27



#75

Fluoranthene

Concen: 0.065 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

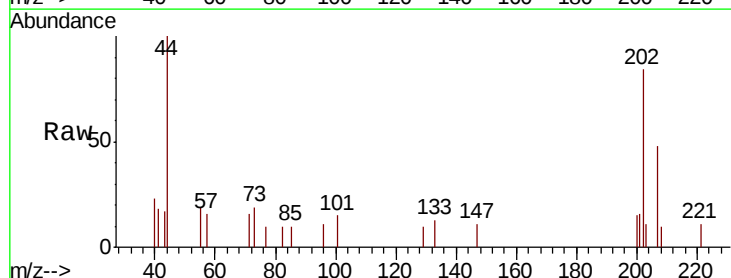
Tgt Ion:202 Resp: 1896

Ion Ratio Lower Upper

202 100

101 18.3 0.0 31.3

203 12.6 0.0 39.9

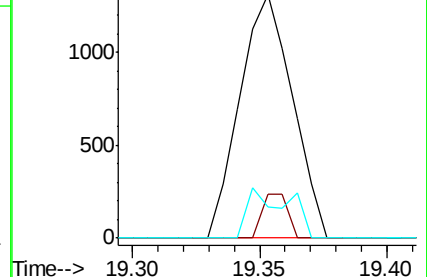
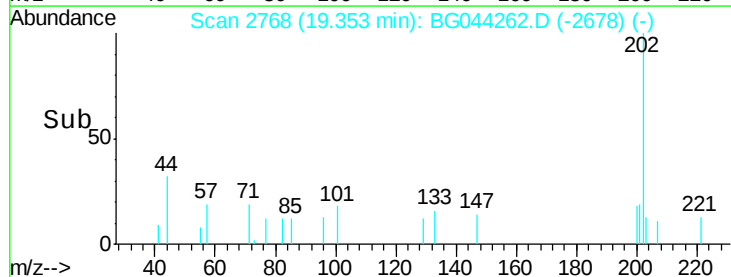


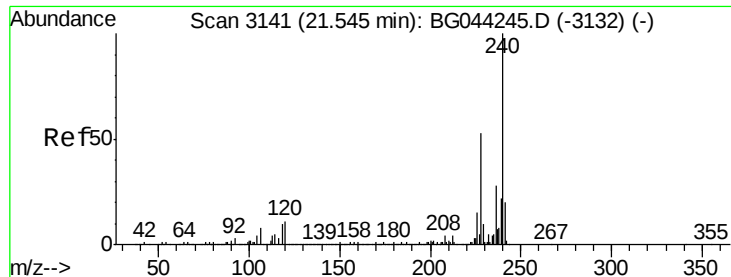
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.35

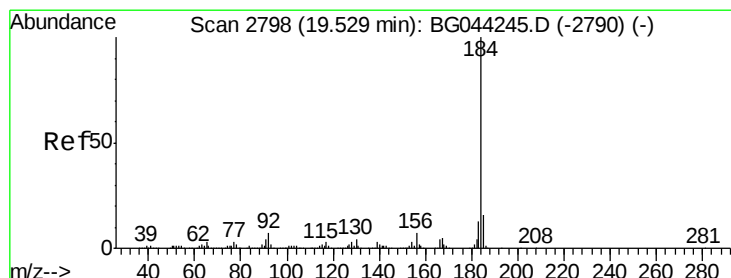
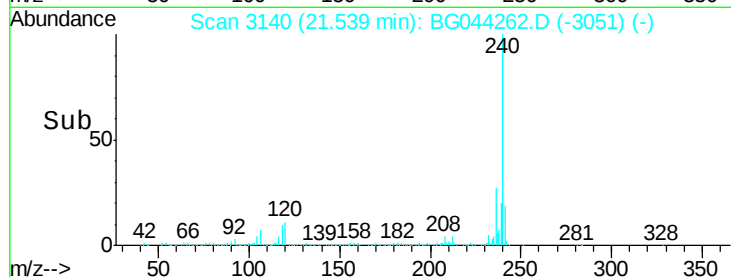
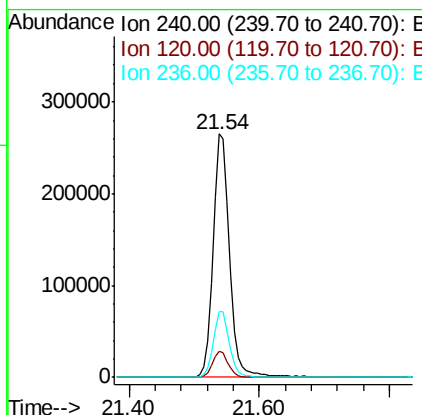
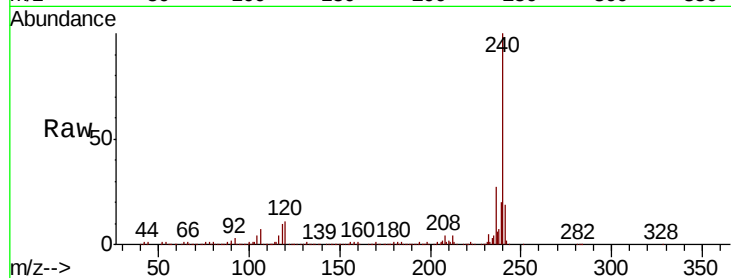




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

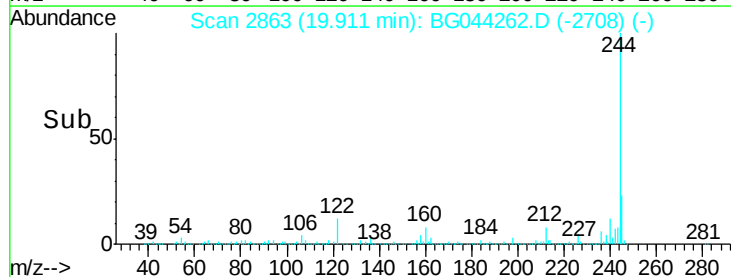
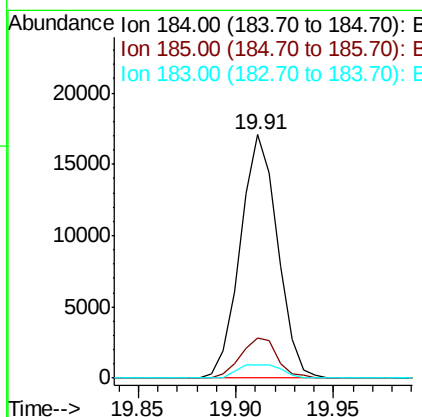
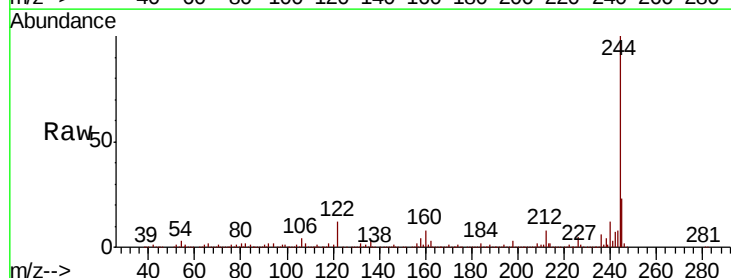
Instrument :
BNA_G
ClientSampleId :

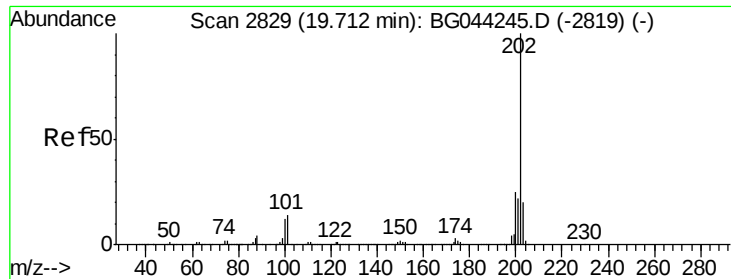
Tot Ion:240 Resp: 461812
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 26.8 22.1 33.1



#77
Benzidine
Concen: 1.763 ng
RT: 19.91 min Scan# 2863
Delta R.T. 0.38 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

Tgt Ion:184 Resp: 22581
Ion Ratio Lower Upper
184 100
185 16.5 12.9 19.3
183 5.4 10.8 16.2#





#78

Pvrene

Concen: 0.074 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

Instrument :

BNA_G

ClientSampleId :

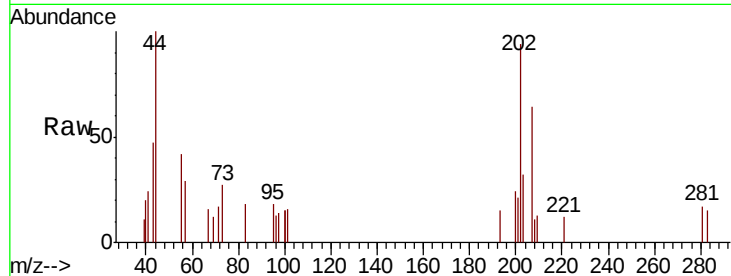
Tot Ion:202 Resp: 2203

Ion Ratio Lower Upper

202 100

200 25.2 20.0 30.0

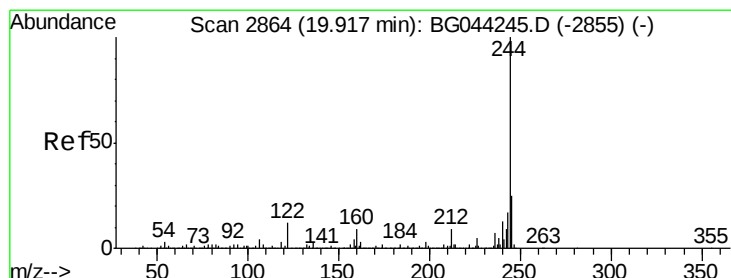
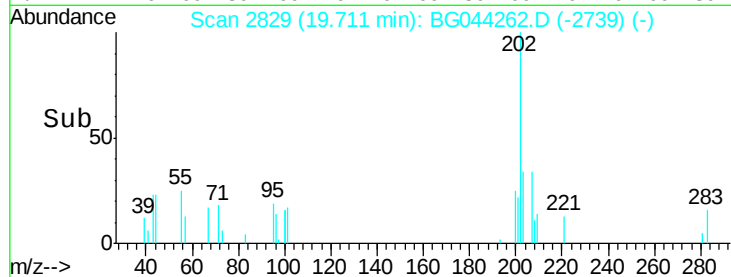
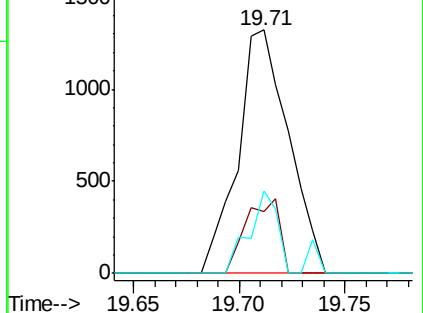
203 33.7 16.2 24.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 63.749 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

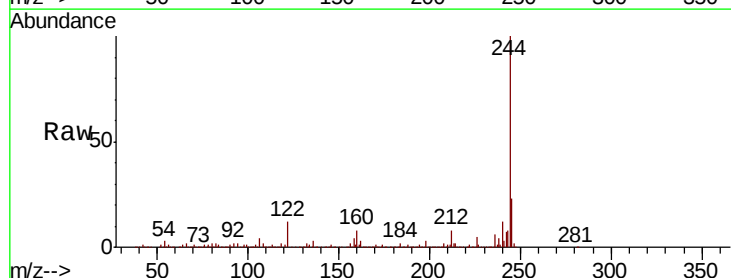
Tgt Ion:244 Resp: 1431313

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

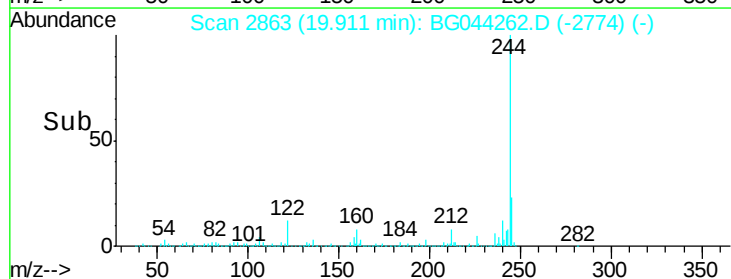
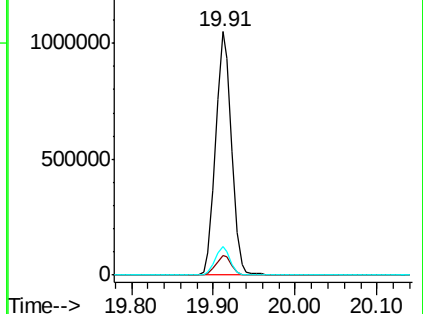
122 11.8 9.8 14.6

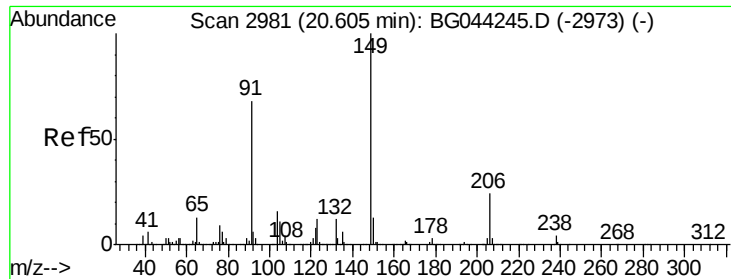


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

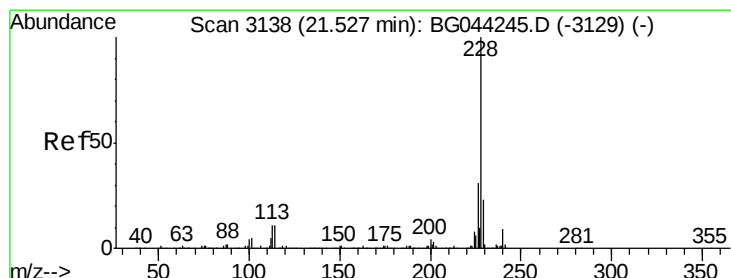
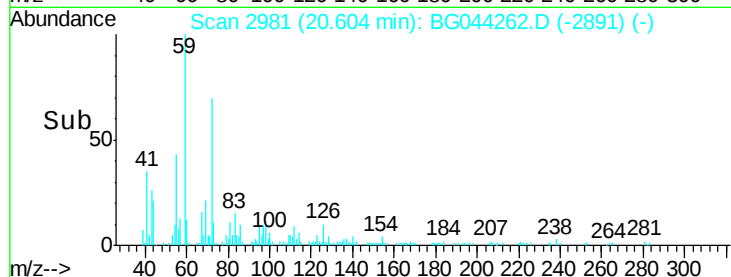
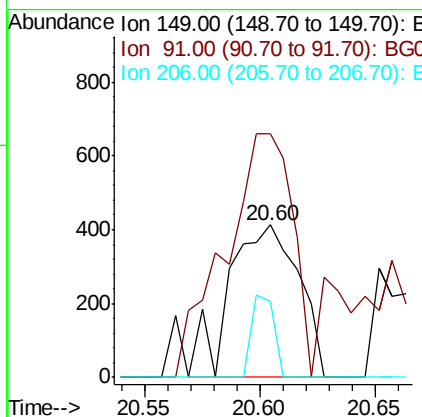
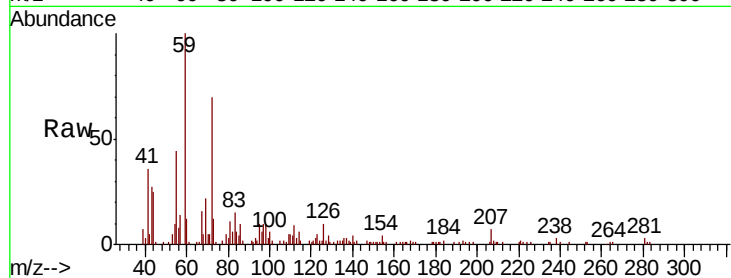




#80
Butylbenzylphthalate
Concen: 0.064 ng
RT: 20.60 min Scan# 2981
Delta R.T. -0.00 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

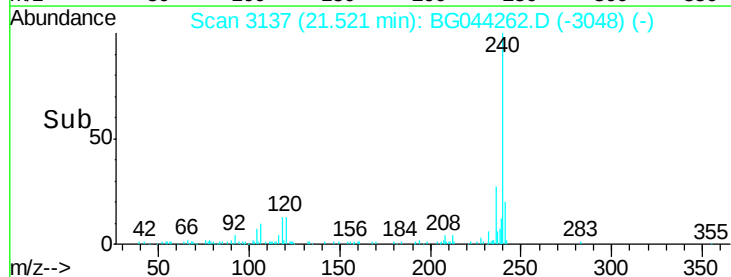
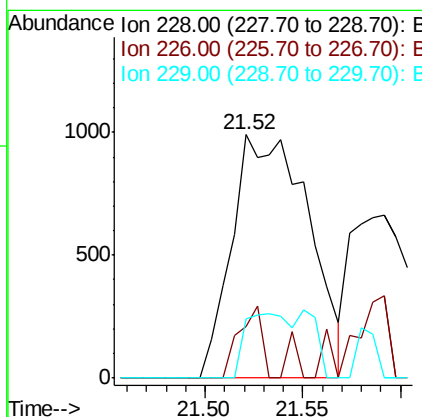
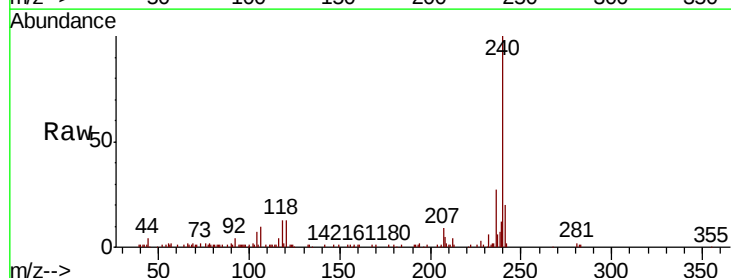
Instrument :
BNA_G
ClientSampleId :

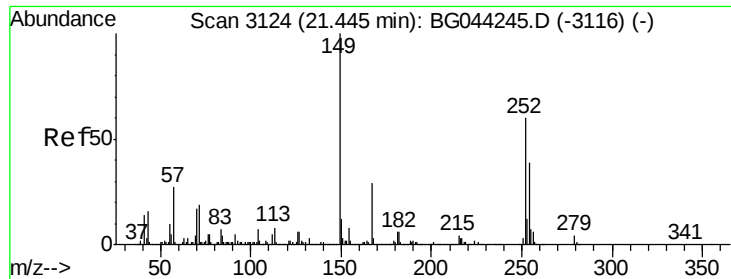
Tot Ion	Ratio	Lower	Upper
149	100		
91	159.6	54.5	81.7#
206	50.1	19.1	28.7#



#81
Benzo(a)anthracene
Concen: 0.094 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	21.1	24.7	37.1#
229	24.5	18.2	27.4

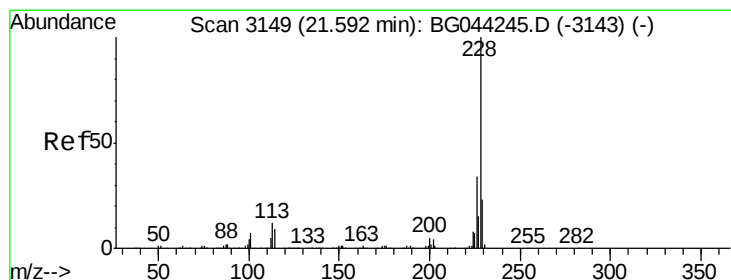
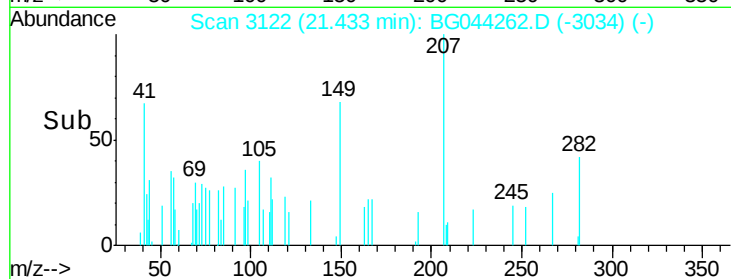
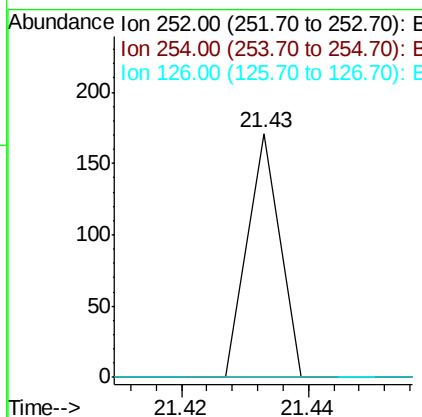
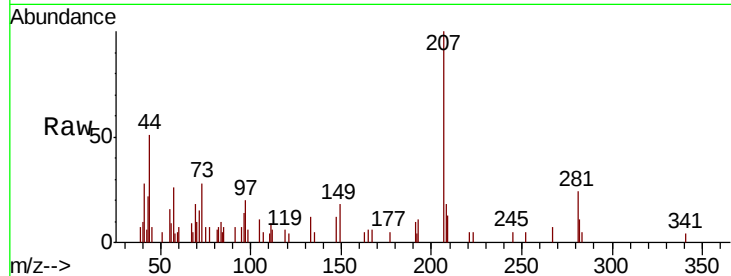




#82
 3,3'-Dichlorobenzidine
 Concen: 0.005 ng
 RT: 21.43 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BG044262.D
 Acq: 31 Jan 2020 16:28

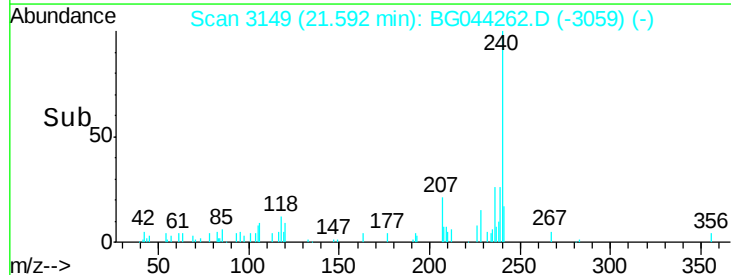
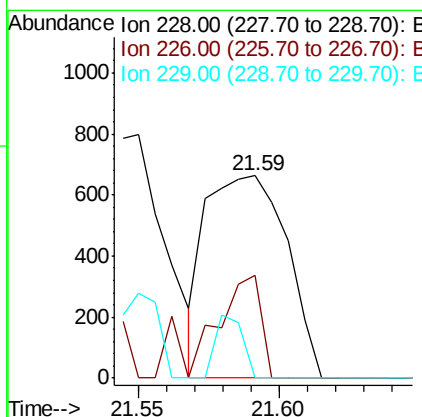
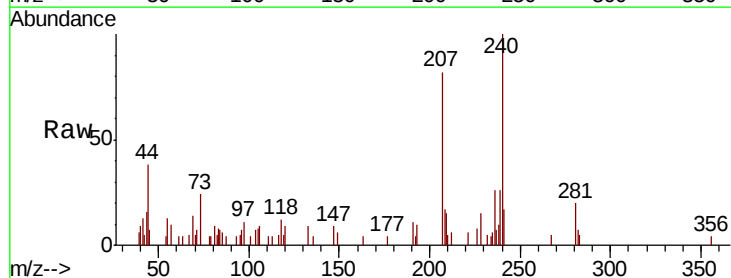
Instrument :
 BNA_G
 ClientSampleId :

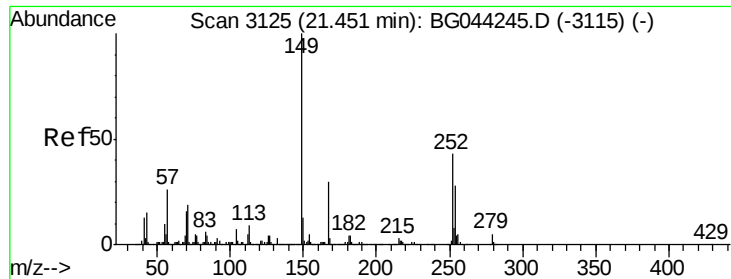
Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.6	78.8#
126	0.0	8.2	12.4#



#83
 Chrysene
 Concen: 0.048 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG044262.D
 Acq: 31 Jan 2020 16:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	50.6	27.1	40.7#
229	0.0	17.9	26.9#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.137 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

Instrument :

BNA_G

ClientSampleId :

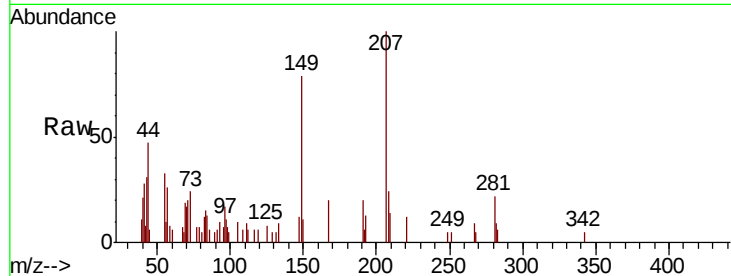
Tot Ion:149 Resp: 2547

Ion Ratio Lower Upper

149 100

167 25.3 24.0 36.0

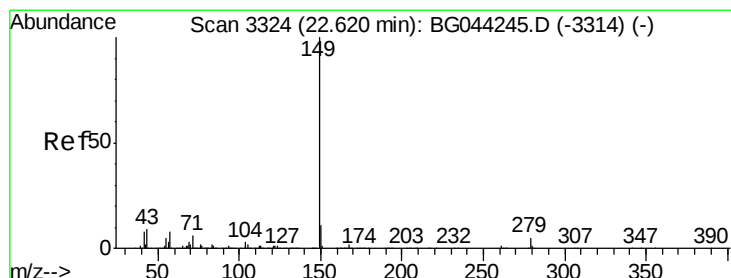
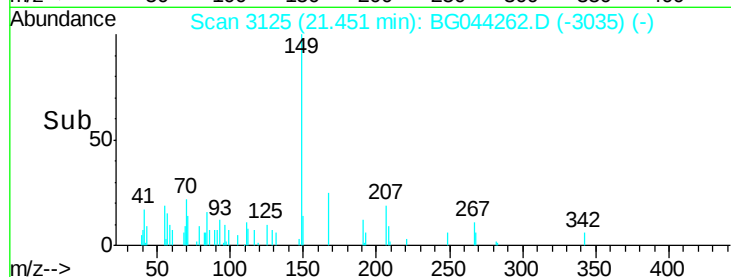
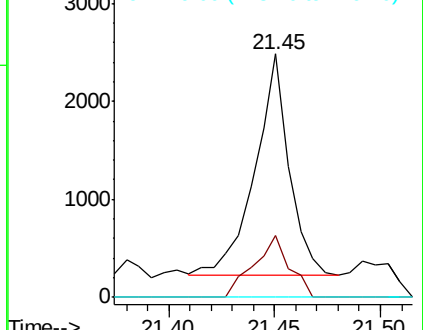
279 0.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.044 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

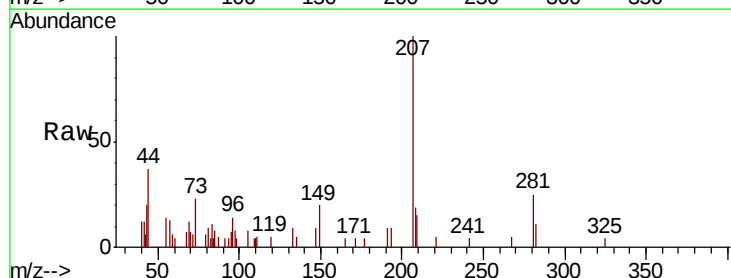
Tgt Ion:149 Resp: 1431

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

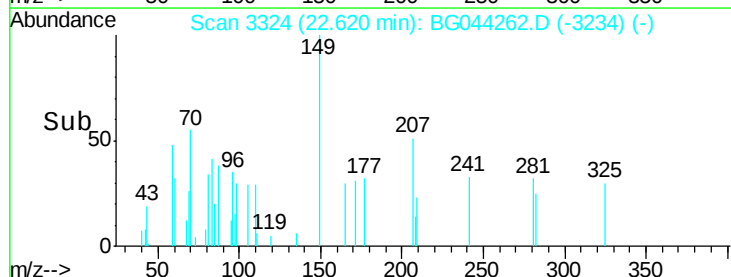
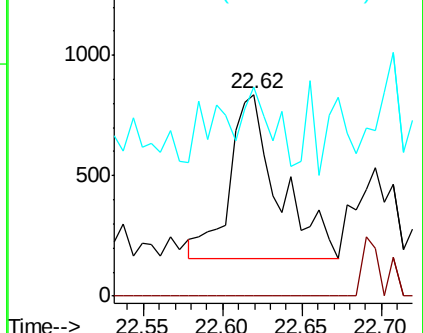
43 27.3 7.4 11.0#

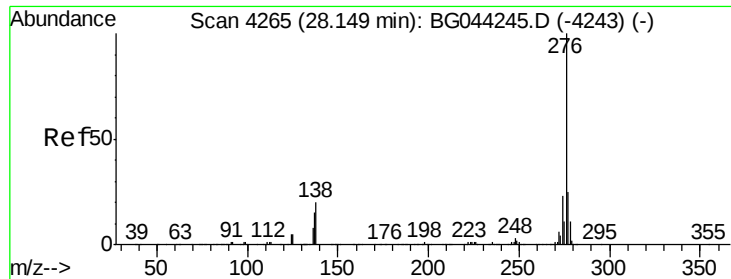


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 28.13 min Scan# 4262

Delta R.T. -0.02 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

Instrument :

BNA_G

ClientSampled :

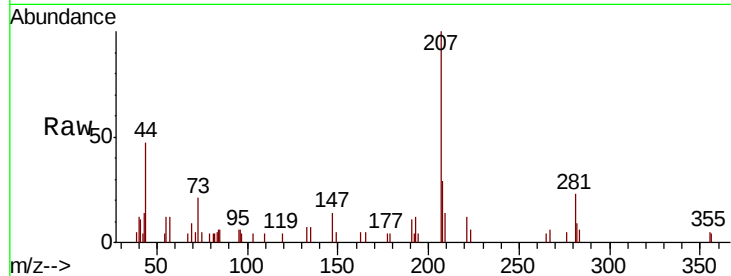
Tot Ion:276 Resp: 74

Ion Ratio Lower Upper

276 100

138 82.4 19.4 29.0#

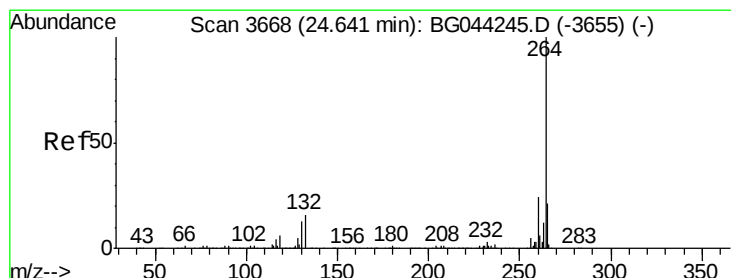
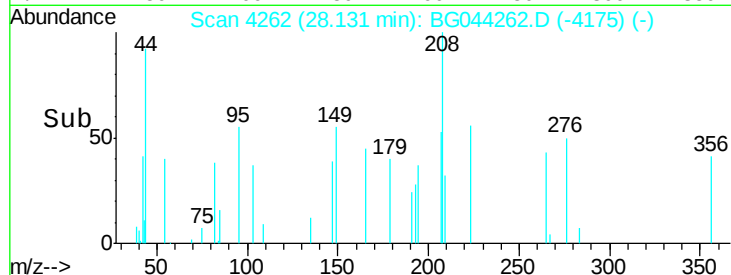
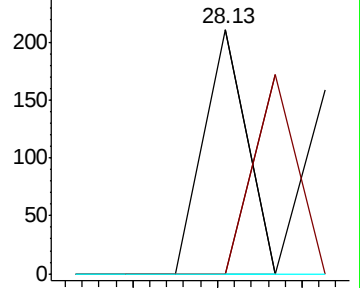
277 0.0 21.0 31.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

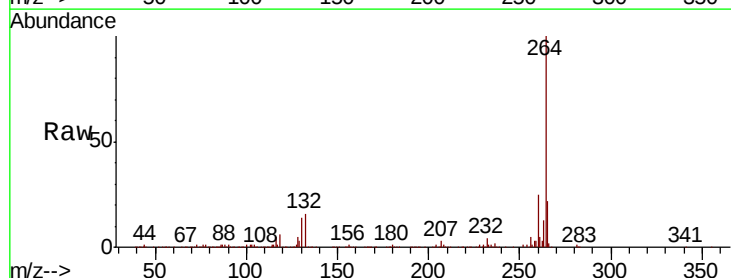
Tgt Ion:264 Resp: 508763

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

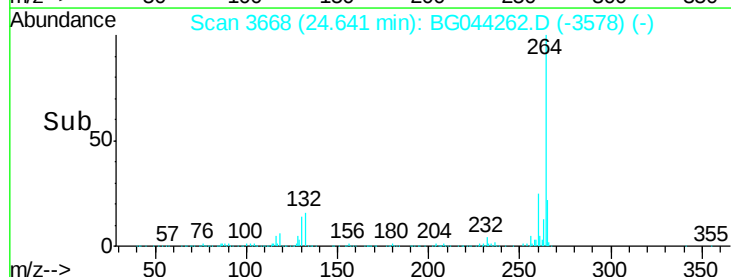
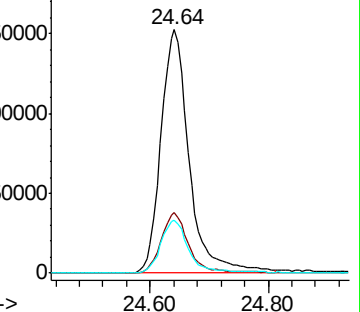
265 21.5 16.7 25.1

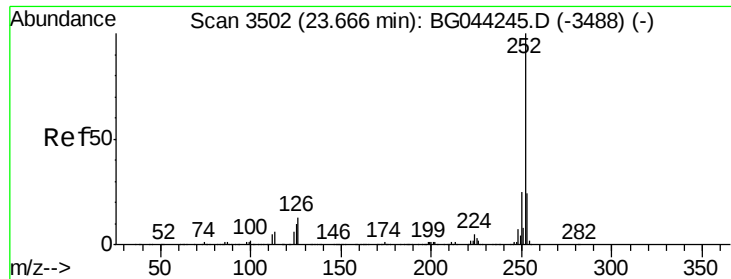


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

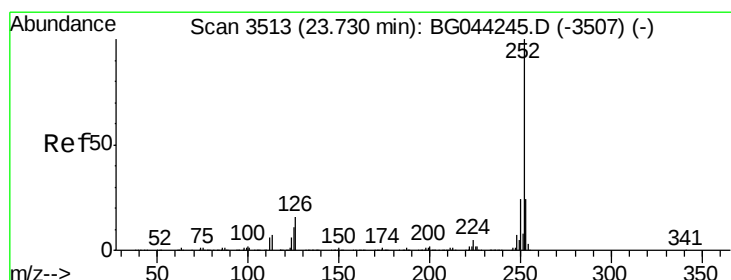
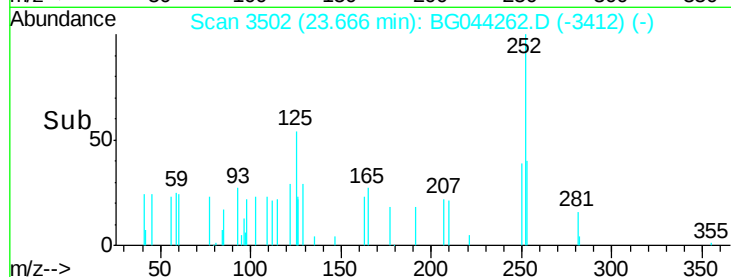
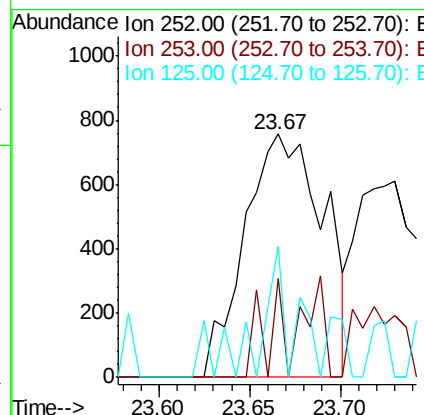
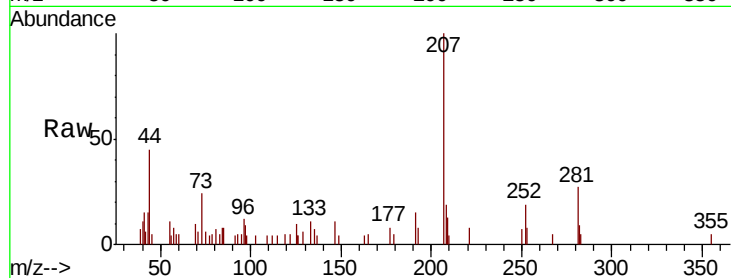




#88
Benzo(b)fluoranthene
Concen: 0.078 ng
RT: 23.67 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

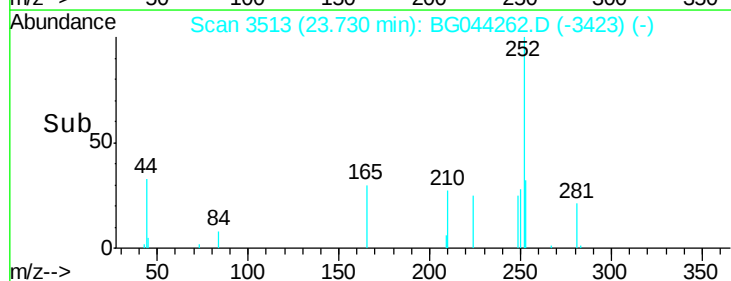
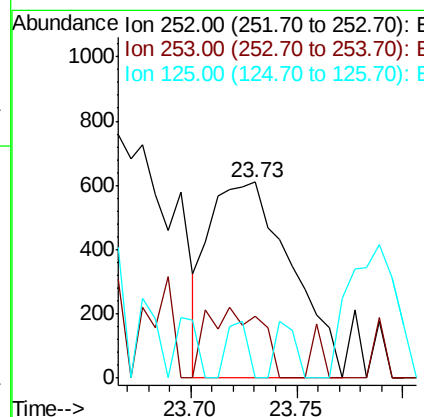
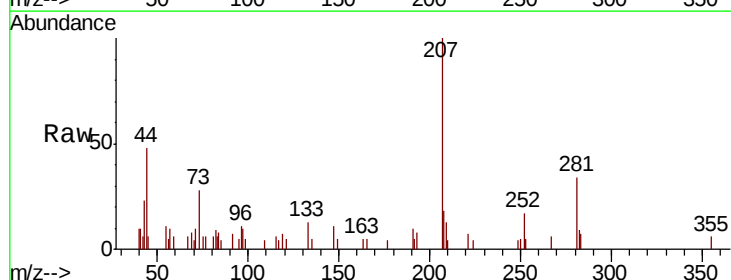
Instrument :
BNA_G
ClientSampleId :

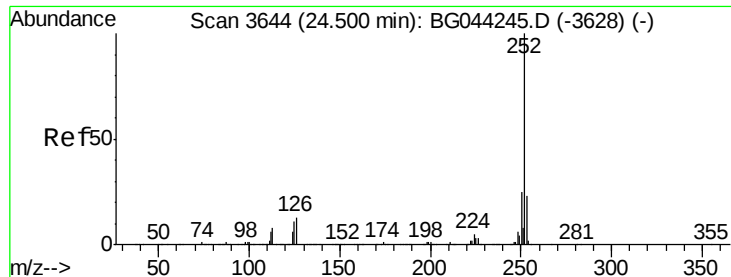
Tot Ion:252 Resp: 2293
Ion Ratio Lower Upper
252 100
253 40.4 19.2 28.8#
125 53.7 8.4 12.6#



#89
Benzo(k)fluoranthene
Concen: 0.057 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.00 min
Lab File: BG044262.D
Acq: 31 Jan 2020 16:28

Tgt Ion:252 Resp: 1642
Ion Ratio Lower Upper
252 100
253 31.8 19.1 28.7#
125 0.0 8.6 12.8#





#90

Benzo(a)pyrene

Concen: 0.041 ng

RT: 24.50 min Scan# 3644

Delta R.T. -0.00 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

Instrument :

BNA_G

ClientSampleId :

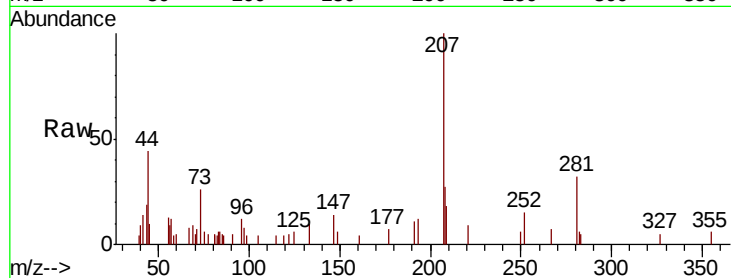
Tot Ion:252 Resp: 1123

Ion Ratio Lower Upper

252 100

253 0.0 18.1 27.1#

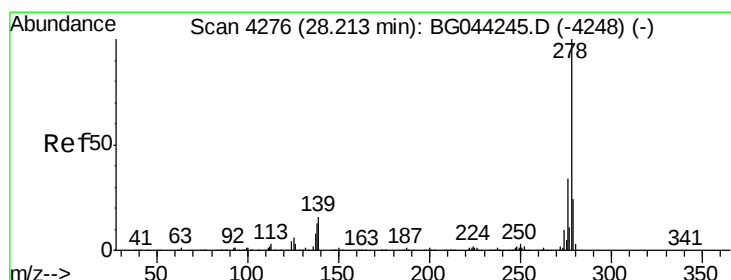
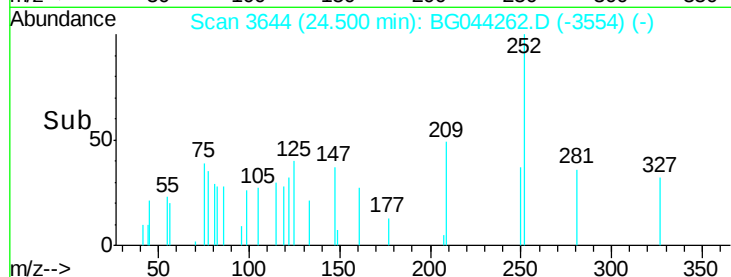
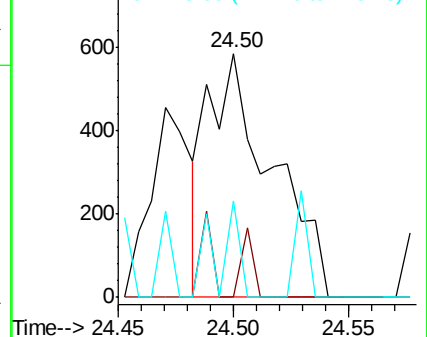
125 39.6 8.6 13.0#



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: 0.004 ng

RT: 28.23 min Scan# 4279

Delta R.T. 0.02 min

Lab File: BG044262.D

Acq: 31 Jan 2020 16:28

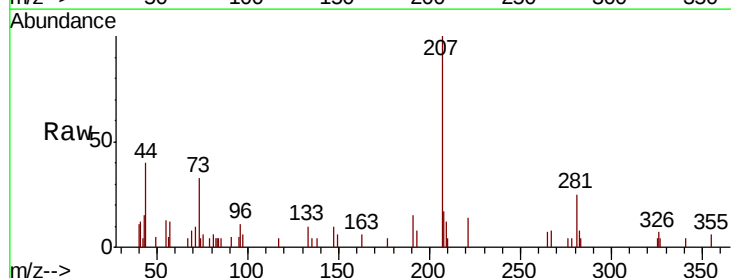
Tgt Ion:278 Resp: 113

Ion Ratio Lower Upper

278 100

139 0.0 12.7 19.1#

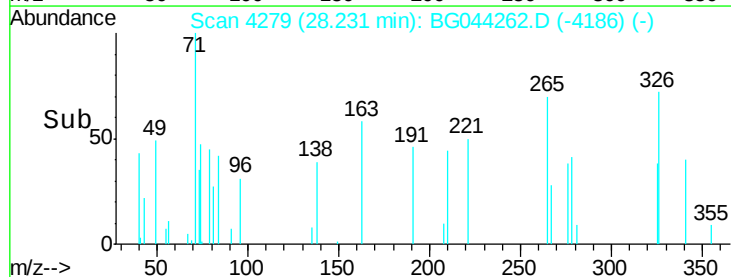
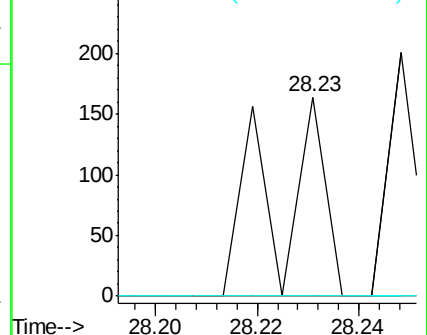
279 0.0 19.3 28.9#

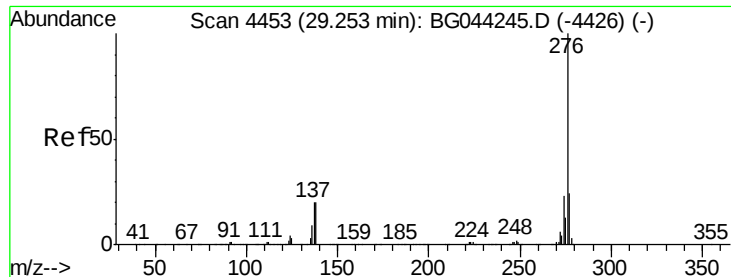


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 0.012 ng
 RT: 29.26 min Scan# 4454
 Delta R.T. 0.01 min
 Lab File: BG044262.D
 Acq: 31 Jan 2020 16:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.8	28.2#
138	0.0	16.2	24.2#

