

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
 Data File : BG044723.D
 Acq On : 11 Mar 2020 16:49
 Operator : CG/JU
 Sample : L1798-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 12 01:13:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	77894	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	333525	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	228479	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	547537	20.00	ng	0.00
76) Chrysene-d12	21.71	240	485445	20.00	ng	0.00
87) Perylene-d12	24.93	264	590876	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	765204	152.92	ng	0.00
7) Phenol-d6	7.21	99	1099227	151.20	ng	0.00
23) Nitrobenzene-d5	9.21	82	733907	96.56	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	442500	147.92	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1525730	95.63	ng	0.00
79) Terphenyl-d14	20.05	244	2588116	99.73	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.83	42	274175	101.302	ng	# 93
6) Aniline	7.47	93	709557	78.435	ng	# 51
9) Benzaldehyde	7.22	77	2771	Below Cal		# 6
11) bis(2-Chloroethyl)ether	7.47	93	709557	123.523	ng	99
12) 1,3-Dichlorobenzene	7.95	146	637608	103.622	ng	99
13) 1,4-Dichlorobenzene	8.09	146	166249	27.329	ng	94
14) 1,2-Dichlorobenzene	8.41	146	649436	112.566	ng	95
19) n-Nitroso-di-n-propylamine	9.21	70	102002	19.870	ng	# 80
24) Nitrobenzene	9.26	77	885296	112.255	ng	97
25) Isophorone	9.78	82	605766	40.836	ng	98
26) 2-Nitrophenol	9.78	139	9312	8.525	ng	# 53
30) 1,2,4-Trichlorobenzene	10.73	180	187618	27.809	ng	91
32) Benzoic acid	10.23	122	77	9.686	ng	# 28
47) 2-Chloronaphthalene	13.56	162	1561289	111.938	ng	97
49) Acenaphthylene	14.41	152	555473	25.421	ng	99
50) Dimethylphthalate	14.15	163	1060980	58.304	ng	99
51) 2,6-Dinitrotoluene	14.26	165	563506	153.627	ng	94
52) Acenaphthene	14.75	154	367961	25.713	ng	99
54) 2,4-Dinitrophenol	14.81	184	80	8.360	ng	# 2
57) 2,4-Dinitrotoluene	15.04	165	414458	82.387	ng	# 98
60) Diethylphthalate	15.51	149	1862222	98.117	ng	96
61) 4-Chlorophenyl-phenylether	15.73	204	956630	104.072	ng	97
63) Azobenzene	15.73	77	449418	22.802	ng	# 44
65) 4,6-Dinitro-2-methylphenol	15.73	198	378	7.851	ng	# 1
66) n-Nitrosodiphenylamine	15.73	169	99835	6.056	ng	# 73
67) 4-Bromophenyl-phenylether	16.63	248	587632	85.848	ng	96
68) Hexachlorobenzene	16.75	284	550766	74.166	ng	96
71) Phenanthrene	17.57	178	1247401	42.632	ng	99
72) Anthracene	17.57	178	1247401	43.235	ng	98
74) Di-n-butylphthalate	18.41	149	2028469	60.211	ng	99
75) Fluoranthene	19.49	202	1295008	37.172	ng	96
77) Benzidine	20.05	184	54931	3.486	ng	# 95
78) Pvrene	19.85	202	733499	20.595	ng	96
80) Butylbenzylphthalate	20.74	149	1124454	70.968	ng	96

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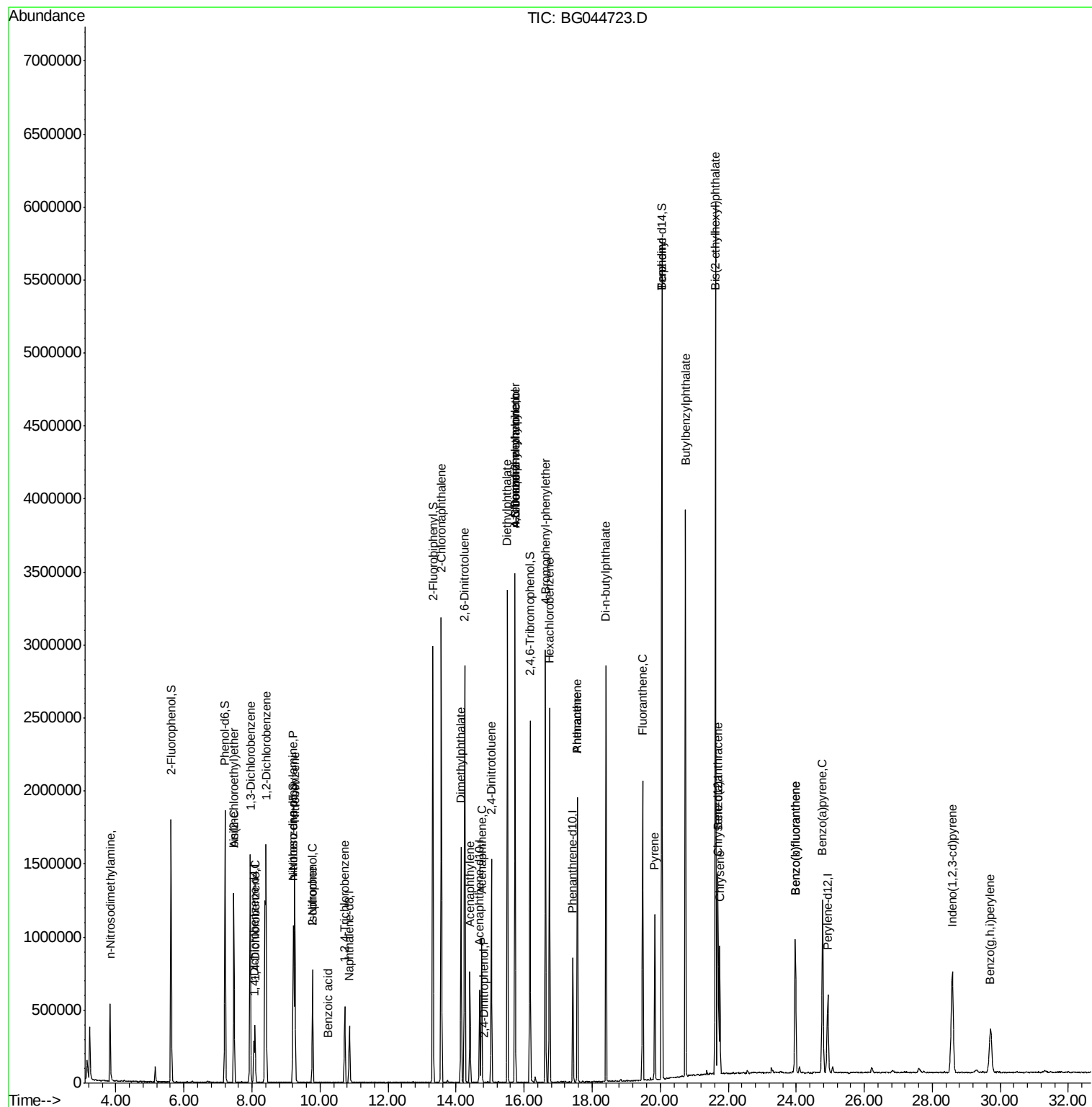
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	21.68	228	772730	22.106	nq	98
83) Chrysene	21.75	228	567306	16.990	nq	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	2189002	100.103	nq	# 91
86) Indeno(1,2,3-cd)pyrene	28.59	276	1266459	28.931	nq	97
88) Benzo(b)fluoranthene	23.98	252	949271	24.335	nq	98
89) Benzo(k)fluoranthene	23.98	252	949271	25.715	nq	99
90) Benzo(a)pyrene	24.77	252	1331148	36.470	nq	99
92) Benzo(a,h,i)perylene	29.71	276	634639	17.444	nq	98

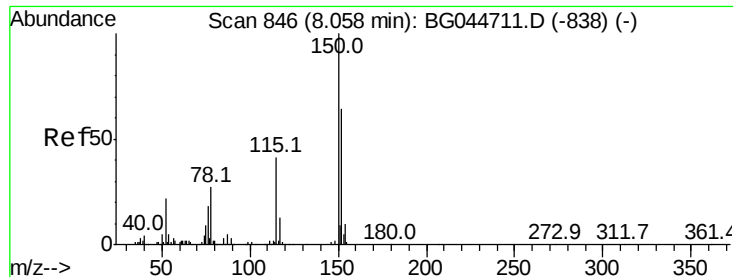
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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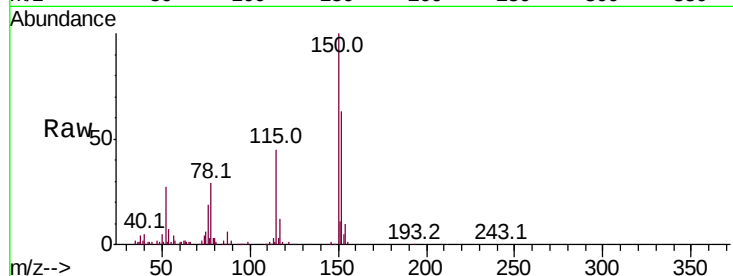


#1

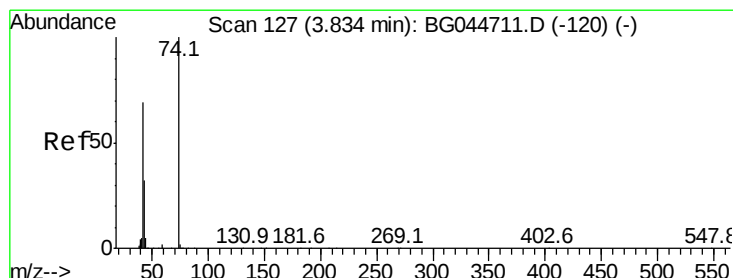
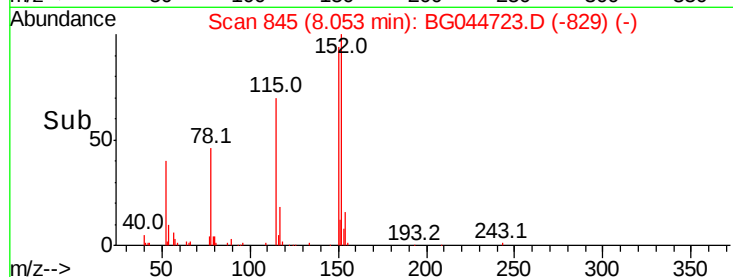
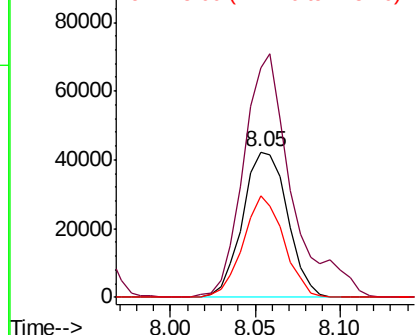
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044723.D
Acq: 11 Mar 2020 16:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 77894
Ion Ratio Lower Upper
152 100
150 157.8 125.3 187.9
115 70.3 51.7 77.5



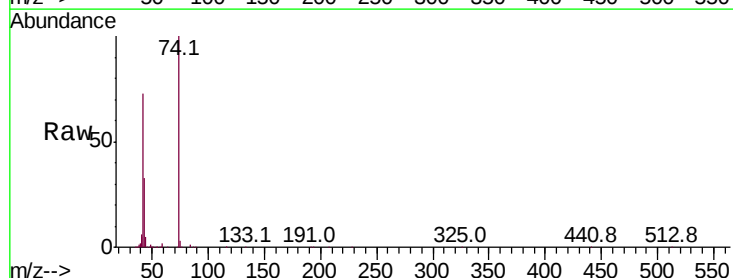
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



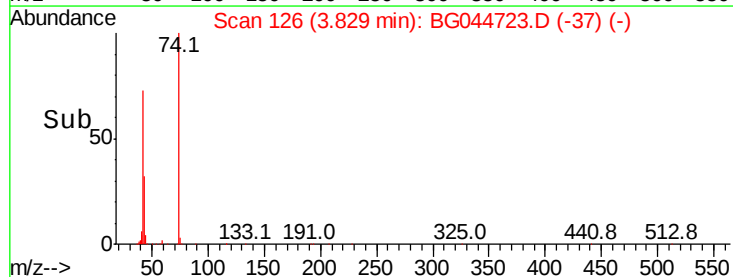
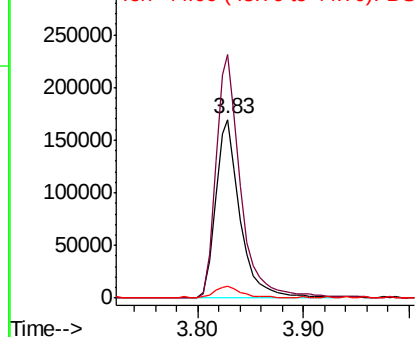
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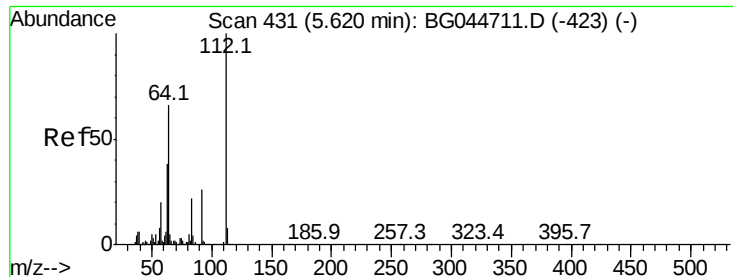
n-Nitrosodimethylamine
Concen: 101.302 ng
RT: 3.83 min Scan# 126
Delta R.T. -0.01 min
Lab File: BG044723.D
Acq: 11 Mar 2020 16:49

Tgt Ion: 42 Resp: 274175
Ion Ratio Lower Upper
42 100
74 136.4 116.1 174.1
44 6.7 7.1 10.7#



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: 152.924 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Instrument :

BNA_G

ClientSampleId :

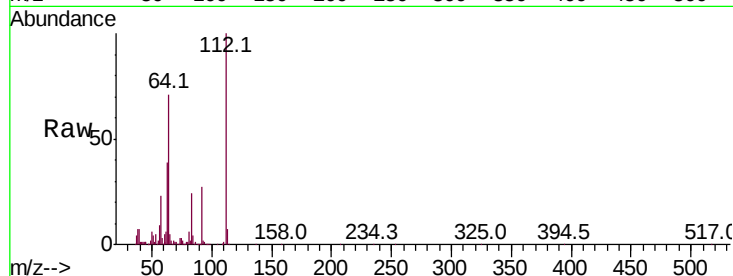
Tot Ion:112 Resp: 765204

Ion Ratio Lower Upper

112 100

64 70.6 52.6 78.8

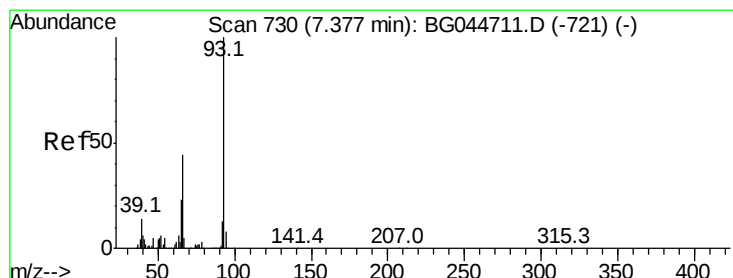
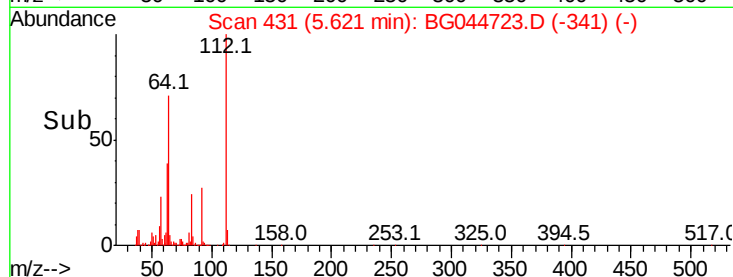
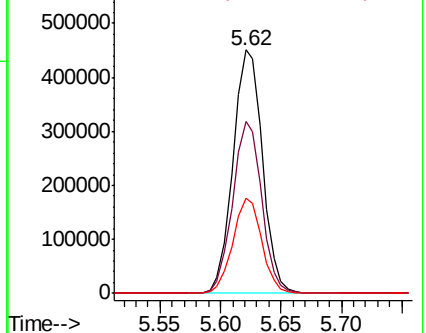
63 38.9 30.2 45.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 78.435 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.09 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

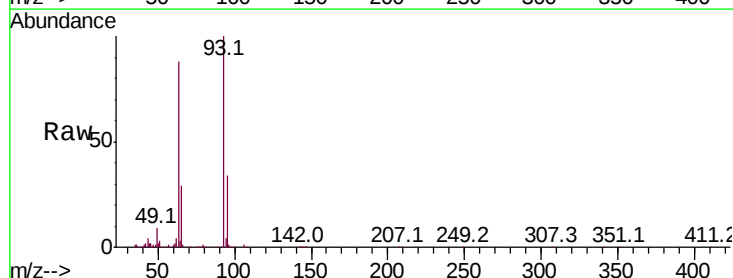
Tgt Ion: 93 Resp: 709557

Ion Ratio Lower Upper

93 100

66 0.7 35.3 52.9#

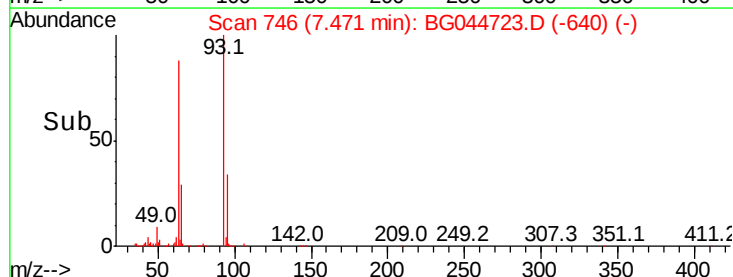
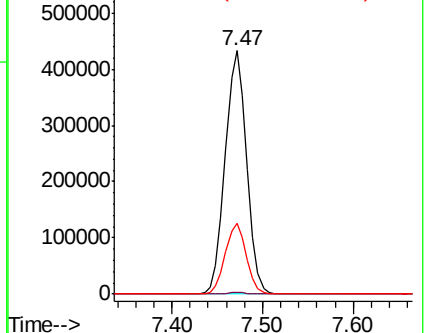
65 29.0 18.2 27.4#

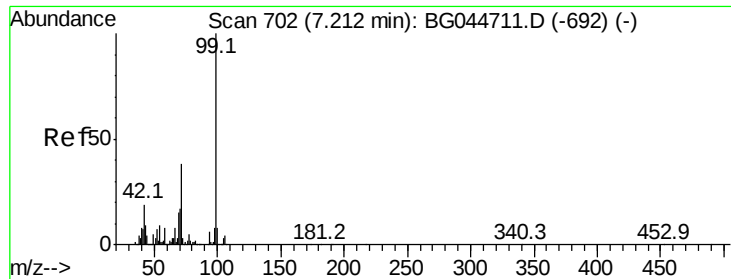


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.196 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Instrument :

BNA_G

ClientSampleId :

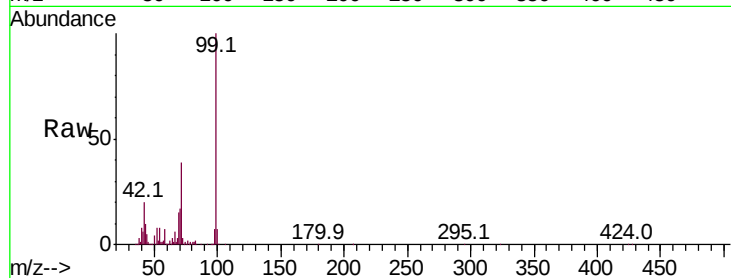
Tot Ion: 99 Resp: 1099227

Ion Ratio Lower Upper

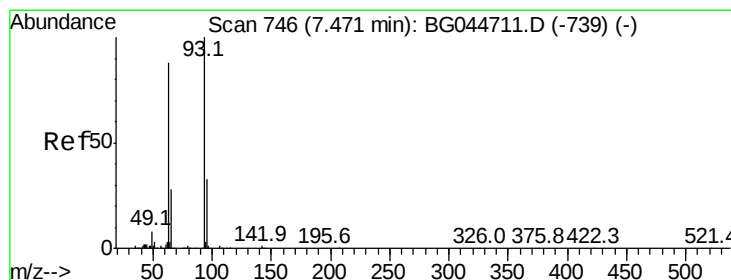
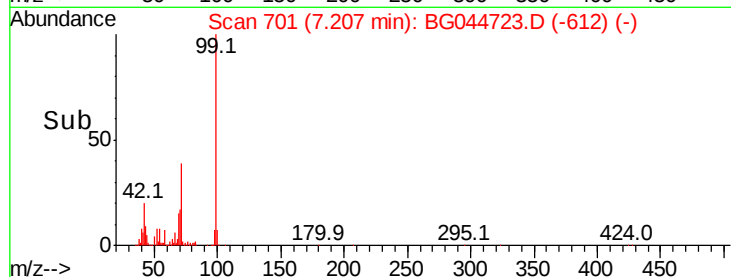
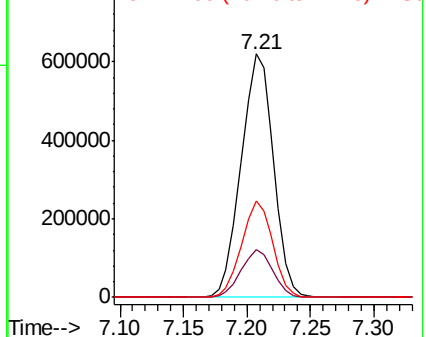
99 100

42 19.6 15.4 23.0

71 39.4 30.2 45.4



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



#11

bis(2-Chloroethyl)ether

Concen: 123.523 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

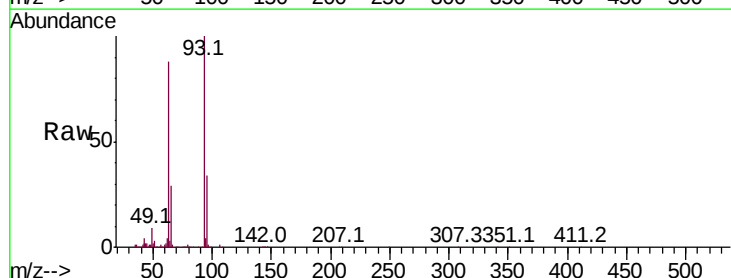
Tgt Ion: 93 Resp: 709557

Ion Ratio Lower Upper

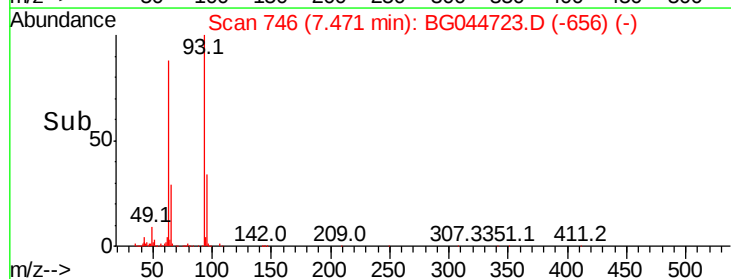
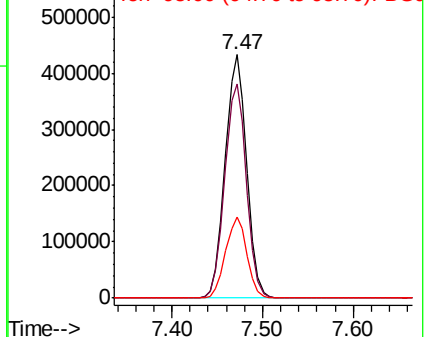
93 100

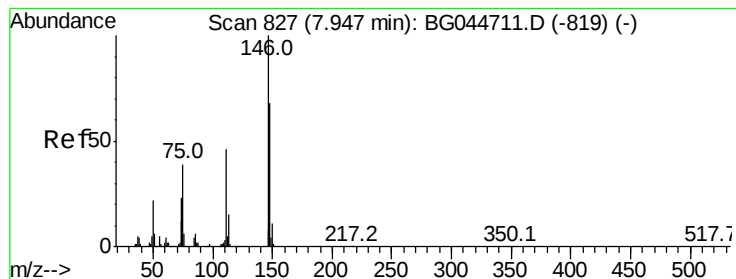
63 87.9 68.1 108.1

95 33.6 12.4 52.4



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: 103.622 ng

RT: 7.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Instrument :

BNA_G

ClientSampleId :

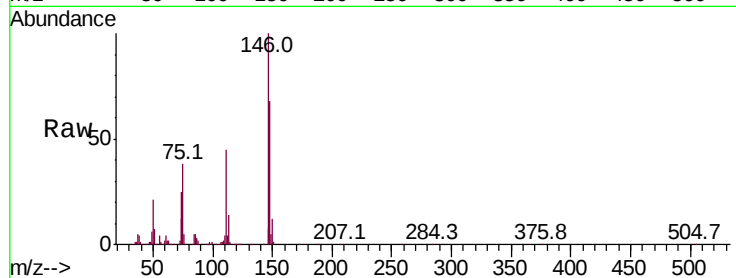
Tot Ion:146 Resp: 637608

Ion Ratio Lower Upper

146 100

148 68.5 54.2 81.2

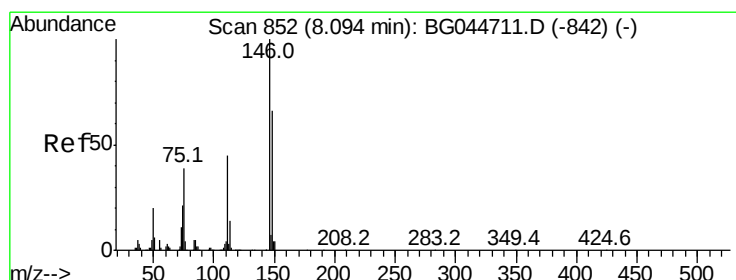
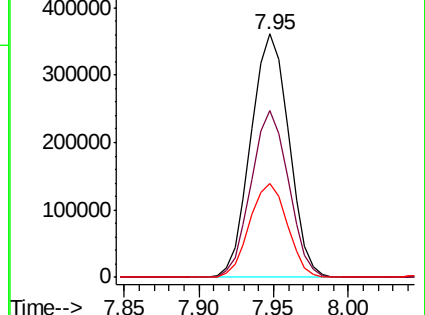
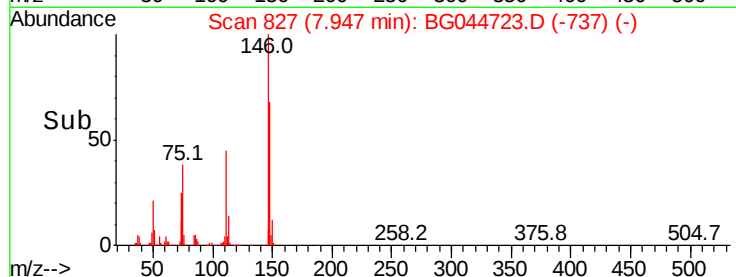
75 38.5 31.3 46.9



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: 27.329 ng

RT: 8.09 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

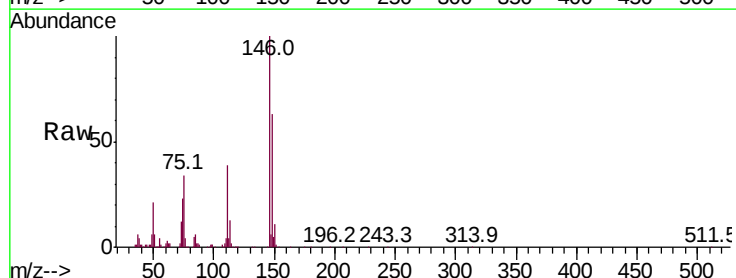
Tgt Ion:146 Resp: 166249

Ion Ratio Lower Upper

146 100

148 63.1 52.9 79.3

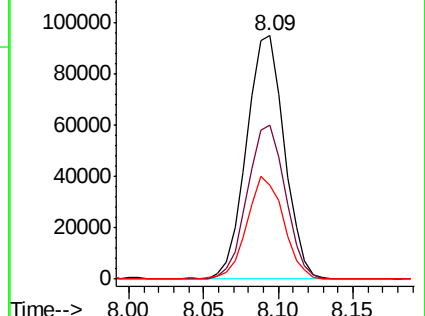
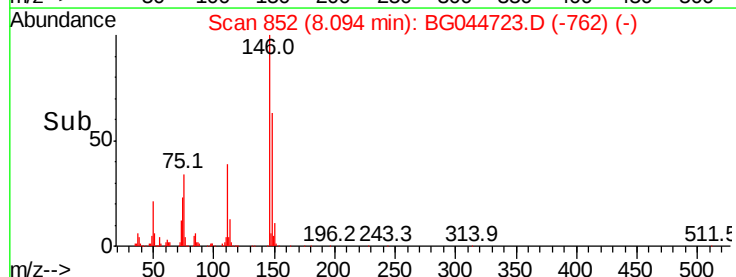
111 38.6 35.6 53.4

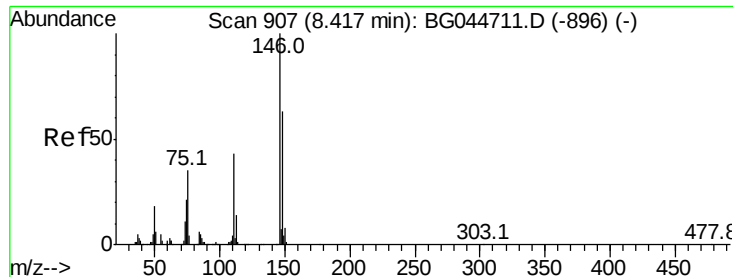


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 112.566 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

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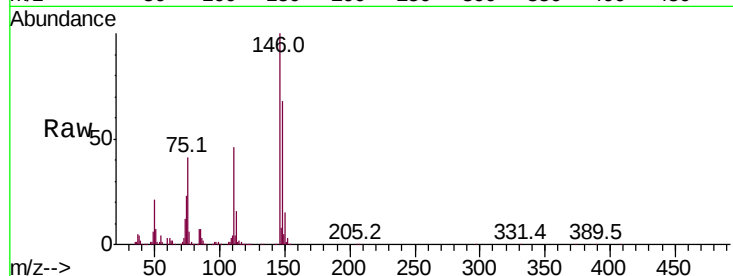
Tot Ion:146 Resp: 649436

Ion Ratio Lower Upper

146 100

148 68.0 50.8 76.2

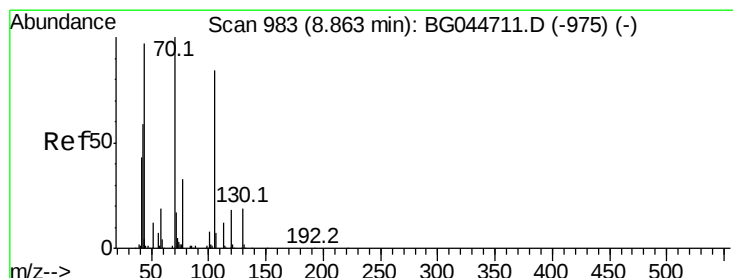
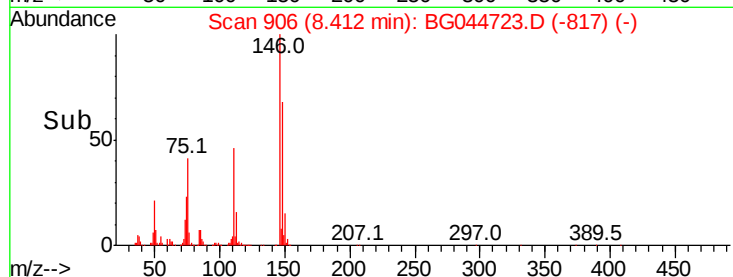
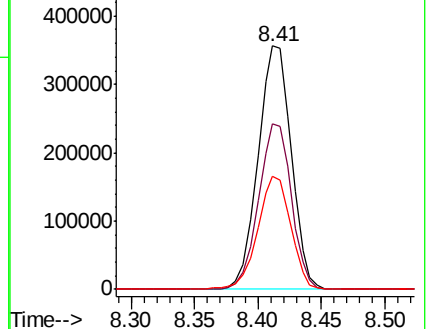
111 46.4 34.8 52.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.870 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.35 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Tgt Ion: 70 Resp: 102002

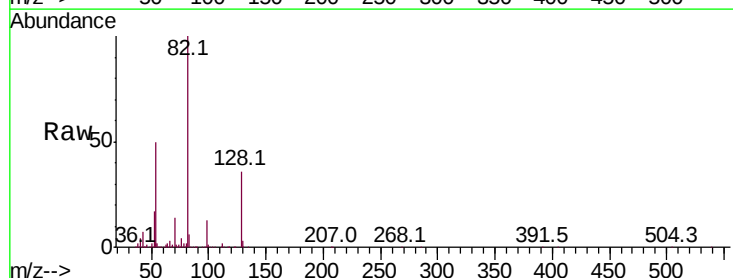
Ion Ratio Lower Upper

70 100

42 49.5 47.6 71.4

101 0.0 6.5 9.7#

130 1.6 15.0 22.4#

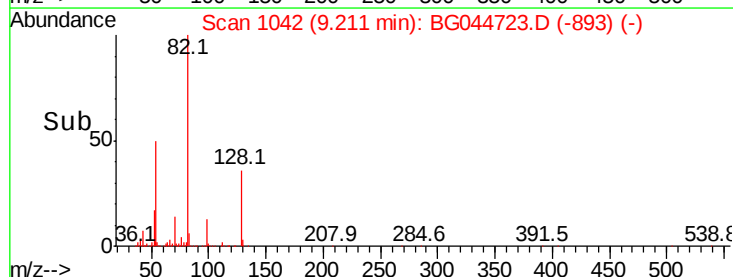
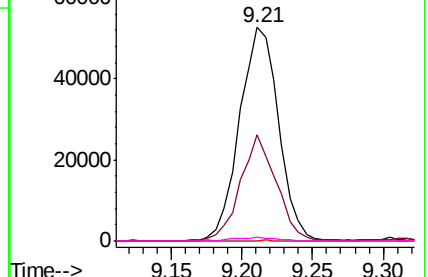


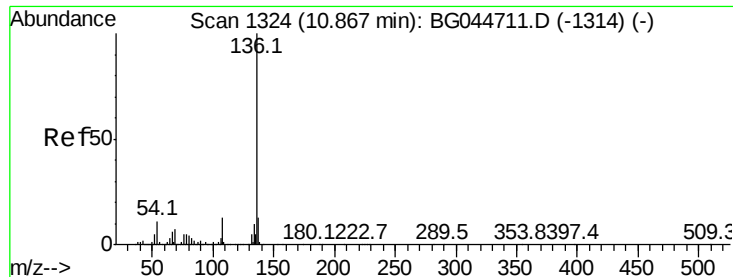
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

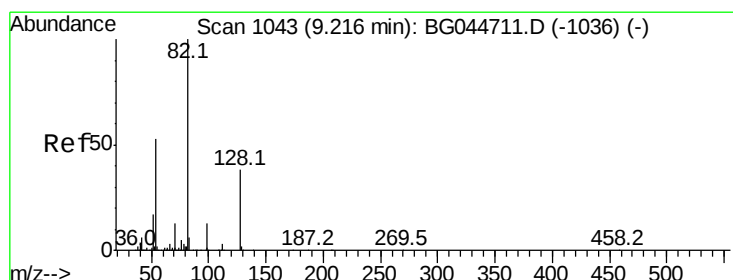
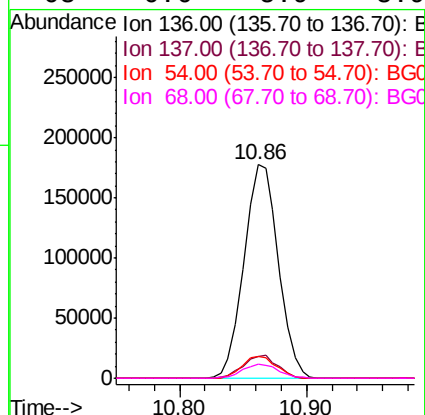
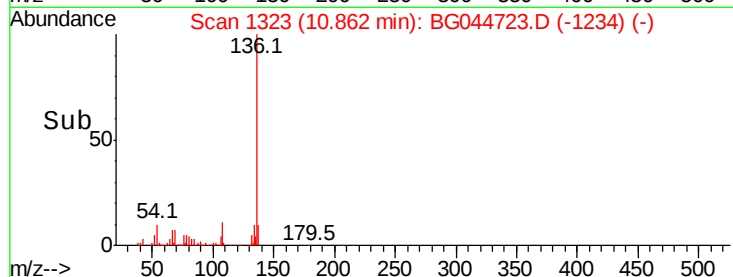
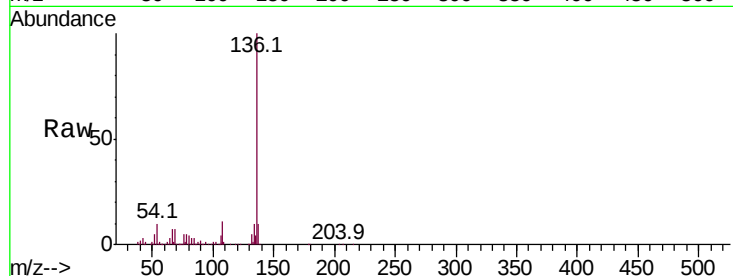




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044723.D
Acq: 11 Mar 2020 16:49

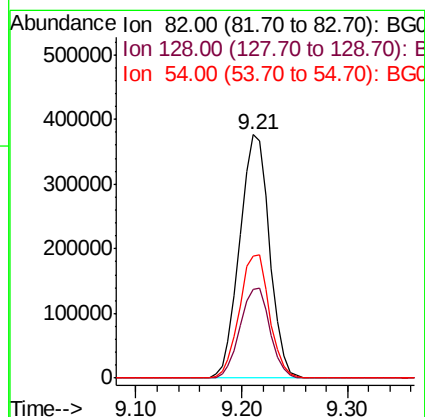
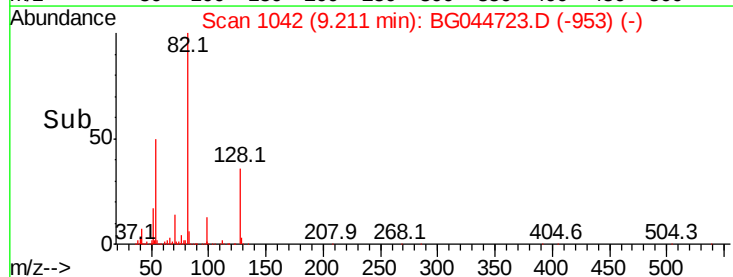
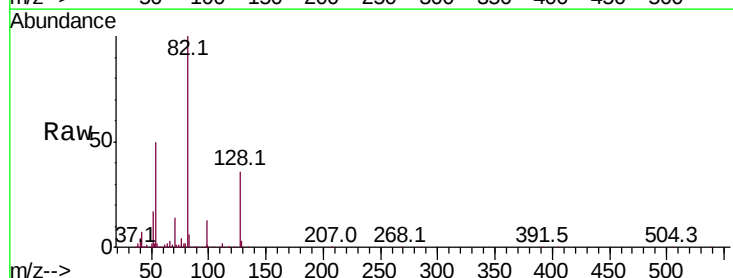
Instrument :
BNA_G
ClientSampleId :

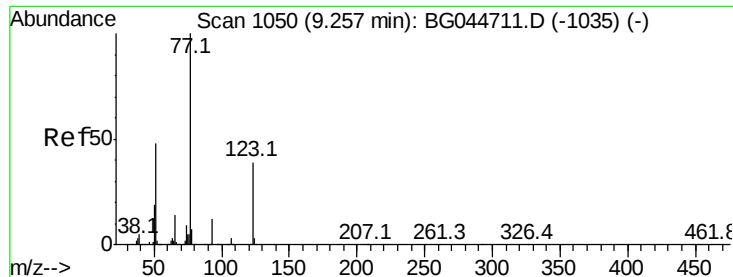
Tot Ion:	136	Resp:	333525
Ion	Ratio	Lower	Upper
136	100		
137	10.2	10.7	16.1#
54	10.4	9.0	13.4
68	6.6	5.9	8.9



#23
Nitrobenzene-d5
Concen: 96.559 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044723.D
Acq: 11 Mar 2020 16:49

Tgt Ion:	82	Resp:	733907
Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.2	45.2
54	50.2	41.8	62.8





#24

Nitrobenzene

Concen: 112.255 ng

RT: 9.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Instrument :

BNA_G

ClientSampleId :

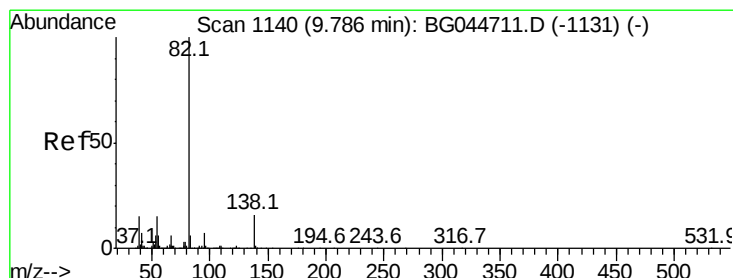
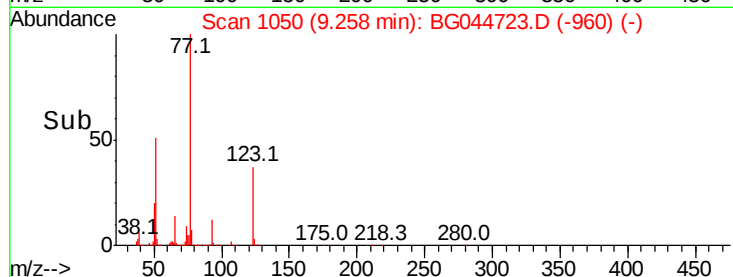
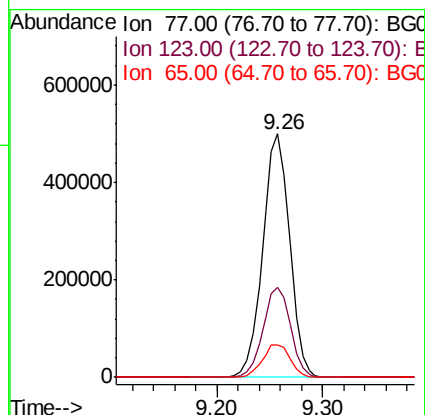
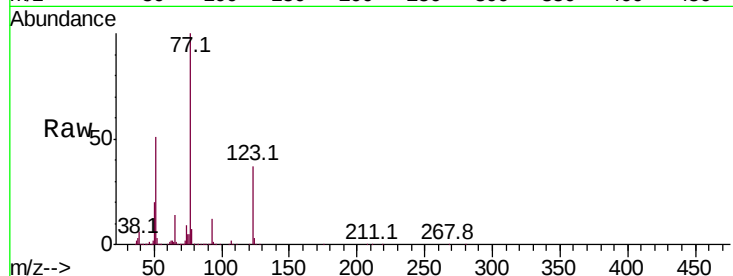
Tot Ion: 77 Resp: 885296

Ion Ratio Lower Upper

77 100

123 37.2 31.5 47.3

65 13.6 11.0 16.4



#25

Isophorone

Concen: 40.836 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

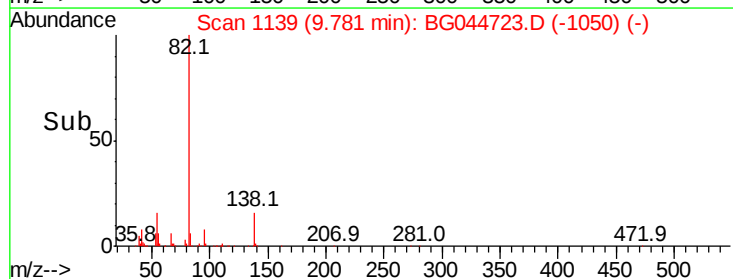
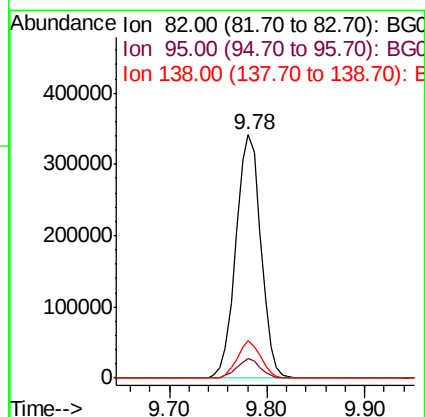
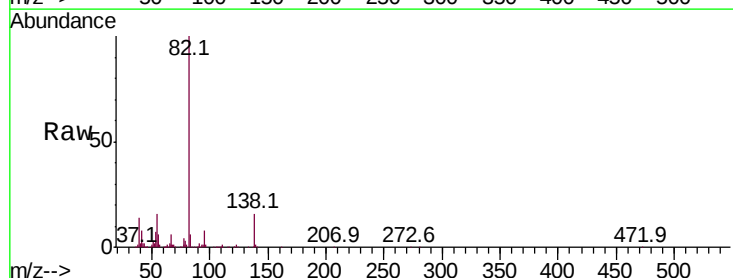
Tgt Ion: 82 Resp: 605766

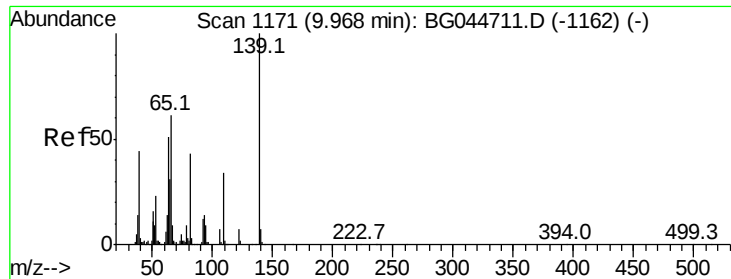
Ion Ratio Lower Upper

82 100

95 7.9 5.6 8.4

138 15.7 13.0 19.4

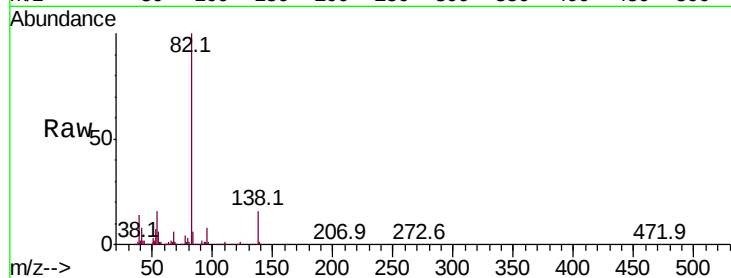




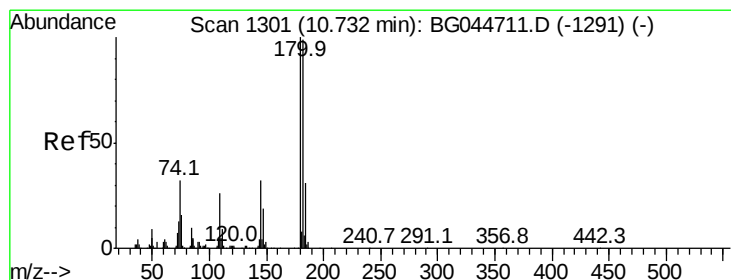
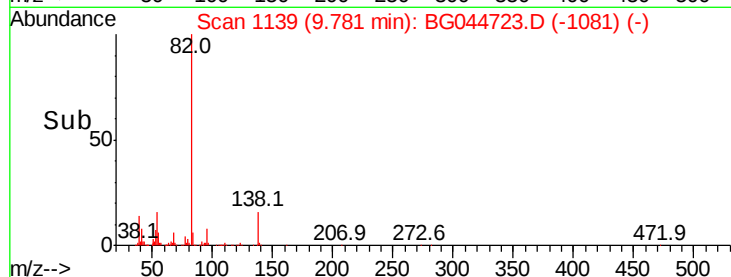
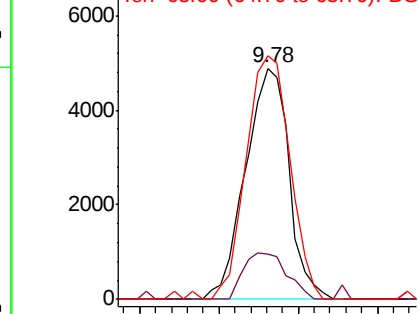
#26
2-Nitrophenol
Concen: 8.525 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.19 min
Lab File: BG044723.D
Acq: 11 Mar 2020 16:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 9312
Ion Ratio Lower Upper
139 100
109 19.3 27.0 40.4#
65 105.3 48.6 73.0#

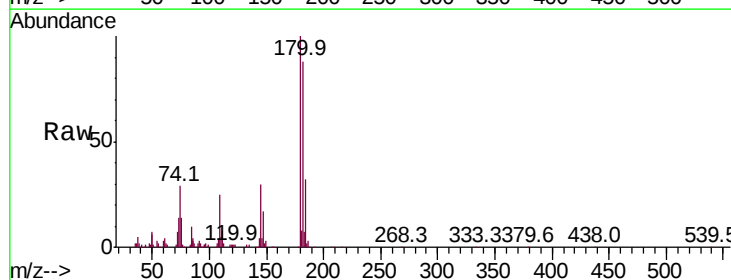


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

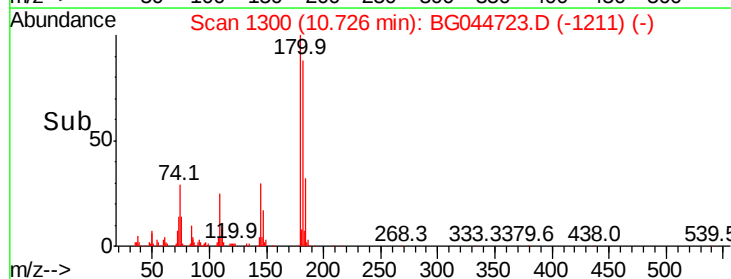
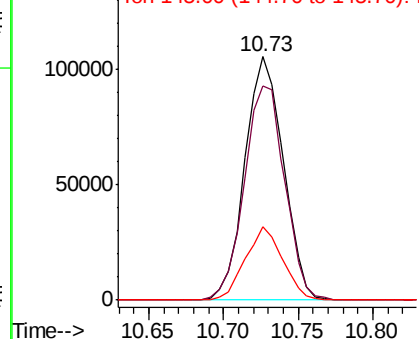


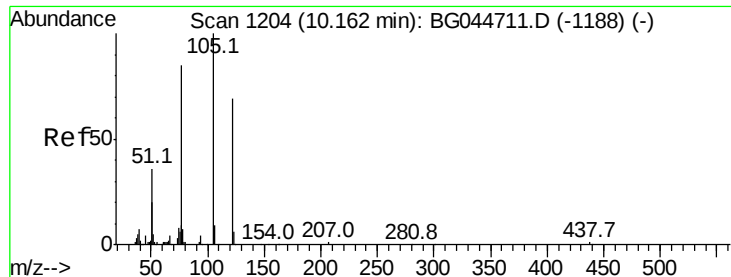
#30
1,2,4-Trichlorobenzene
Concen: 27.809 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG044723.D
Acq: 11 Mar 2020 16:49

Tgt Ion:180 Resp: 187618
Ion Ratio Lower Upper
180 100
182 87.9 78.8 118.2
145 30.3 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#32

Benzoic acid

Concen: 9.686 ng

RT: 10.23 min Scan# 1215

Delta R.T. 0.07 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Instrument :

BNA_G

ClientSampled :

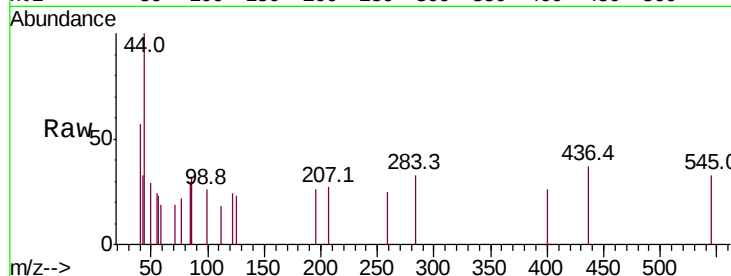
Tot Ion:122 Resp: 77

Ion Ratio Lower Upper

122 100

105 0.0 119.0 159.0#

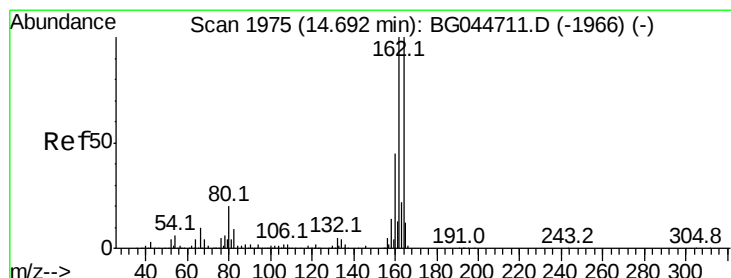
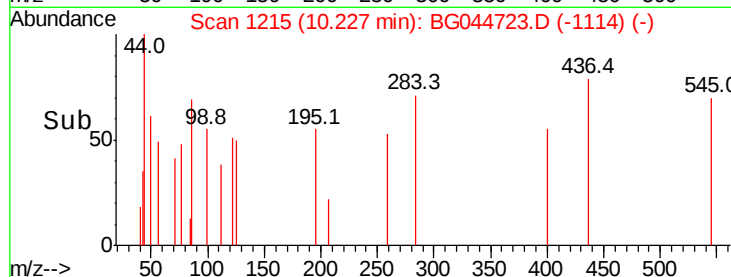
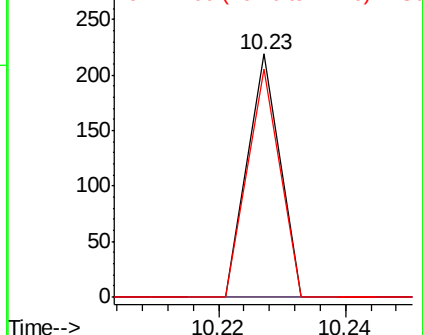
77 94.1 96.4 136.4#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

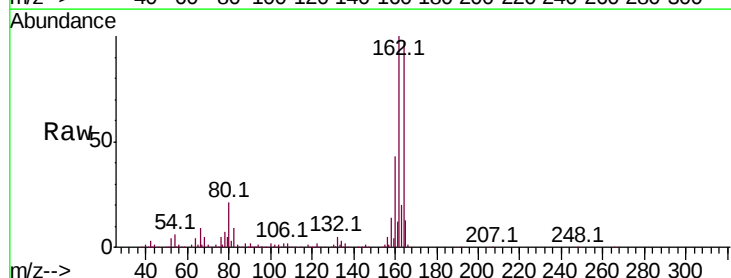
Tgt Ion:164 Resp: 228479

Ion Ratio Lower Upper

164 100

162 103.2 80.2 120.4

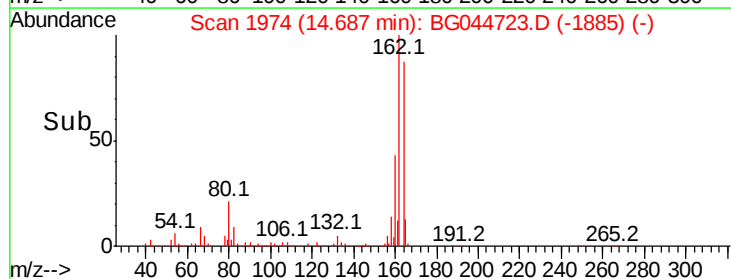
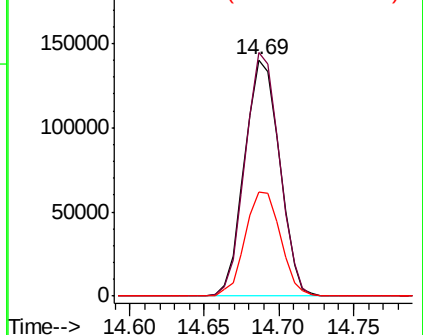
160 43.9 36.2 54.2

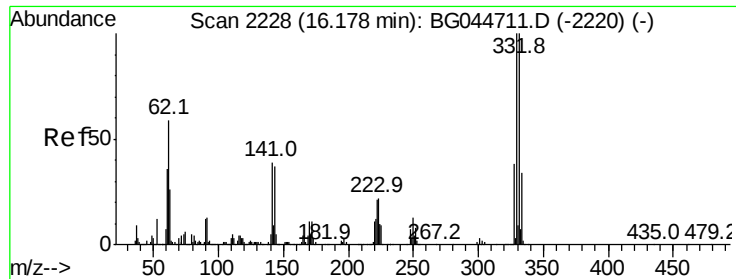


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 147.915 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Instrument :

BNA_G

ClientSampleId :

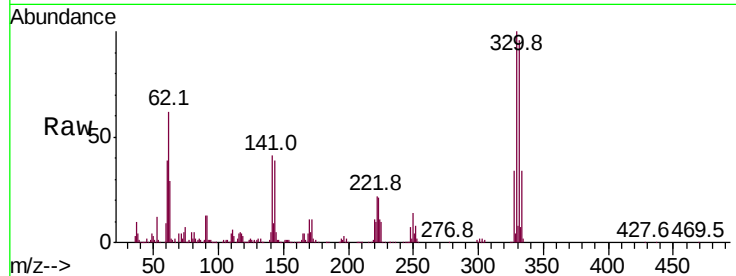
Tot Ion:330 Resp: 442500

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

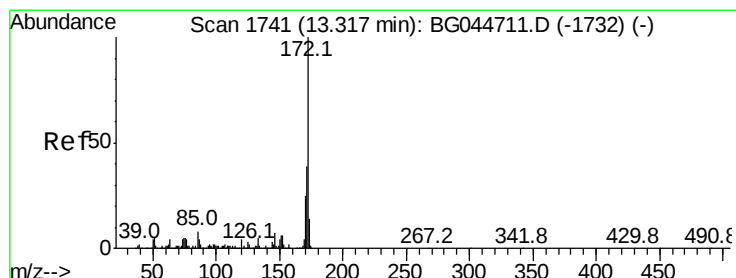
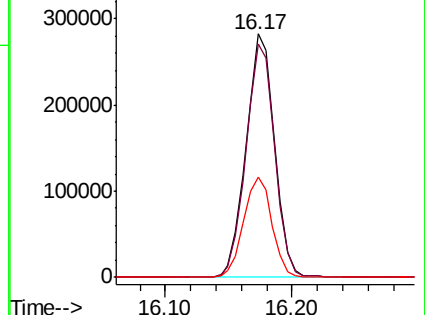
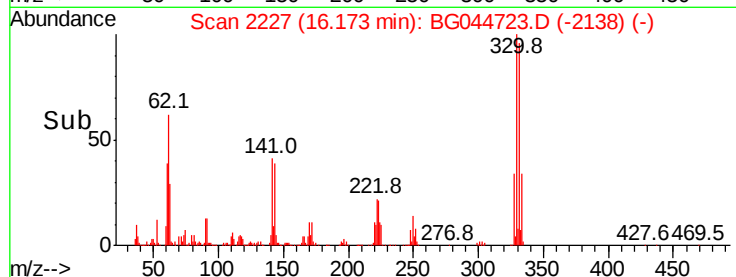
141 40.8 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 95.628 ng

RT: 13.32 min Scan# 1741

Delta R.T. 0.00 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

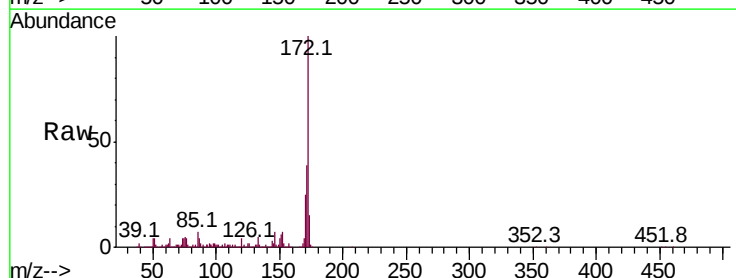
Tgt Ion:172 Resp: 1525730

Ion Ratio Lower Upper

172 100

171 39.2 30.8 46.2

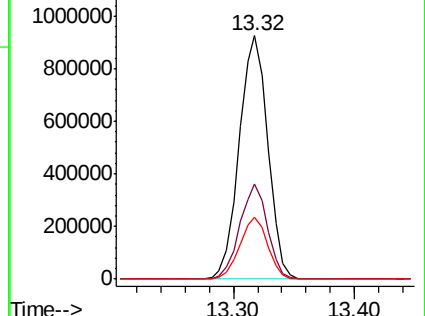
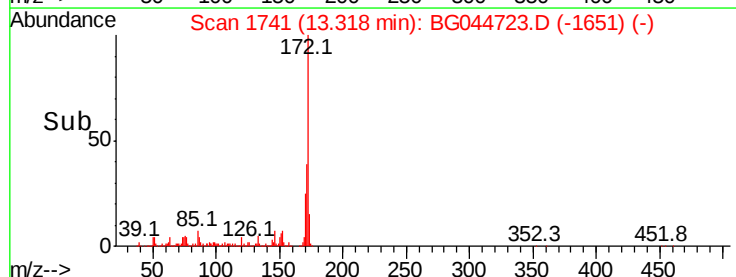
170 25.2 20.0 30.0

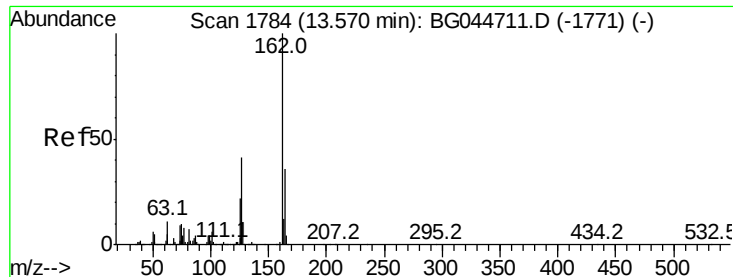


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

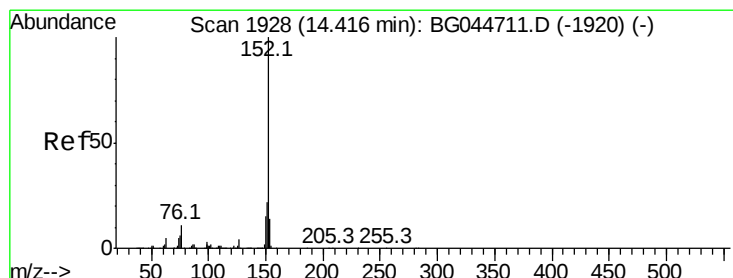
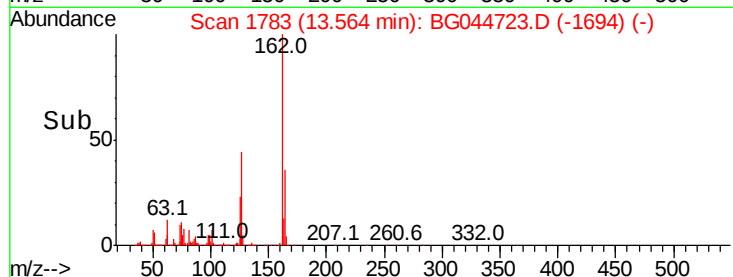
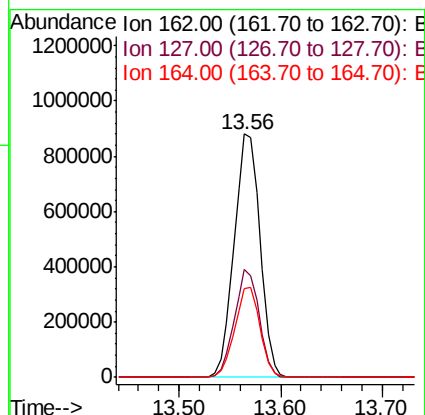
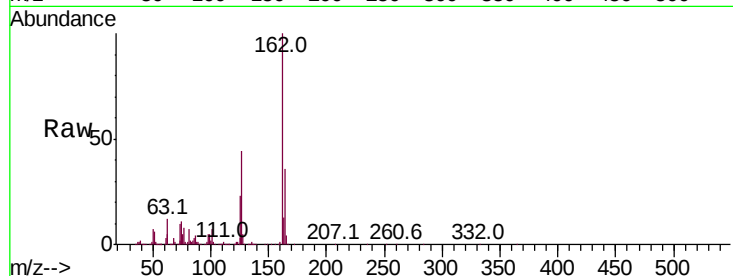




#47
2-Chloronaphthalene
Concen: 111.938 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG044723.D
Acq: 11 Mar 2020 16:49

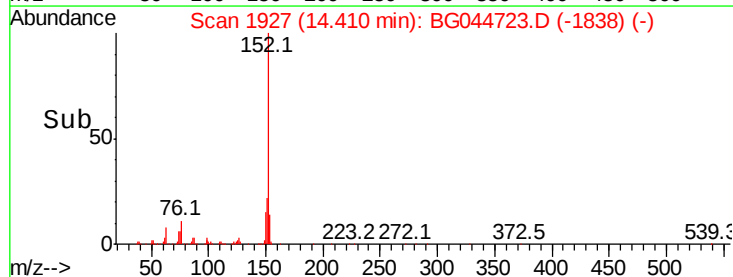
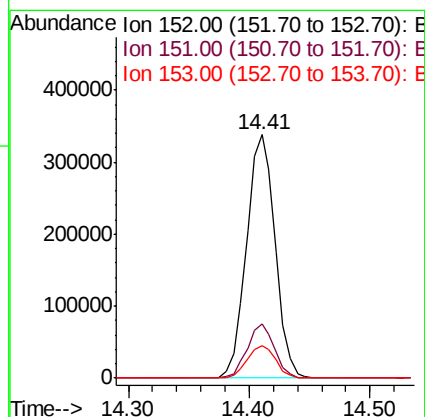
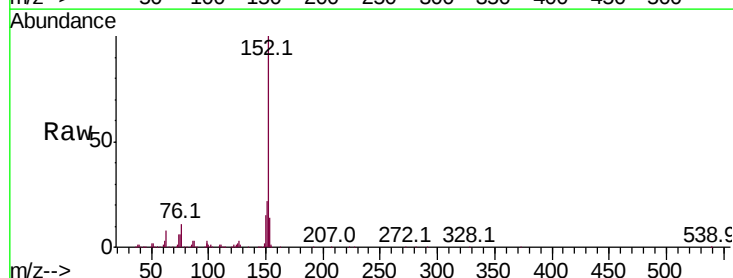
Instrument :
BNA_G
ClientSampled :

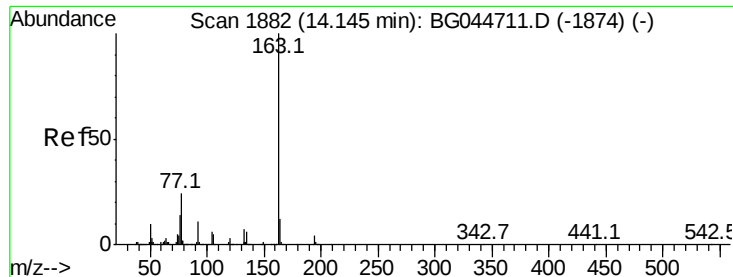
Tot Ion:162 Resp: 1561289
Ion Ratio Lower Upper
162 100
127 44.3 32.6 48.8
164 36.5 29.0 43.4



#49
Acenaphthylene
Concen: 25.421 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG044723.D
Acq: 11 Mar 2020 16:49

Tgt Ion:152 Resp: 555473
Ion Ratio Lower Upper
152 100
151 22.2 17.8 26.8
153 13.5 11.4 17.0





#50

Dimethylphthalate

Concen: 58.304 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Instrument :

BNA_G

ClientSampleId :

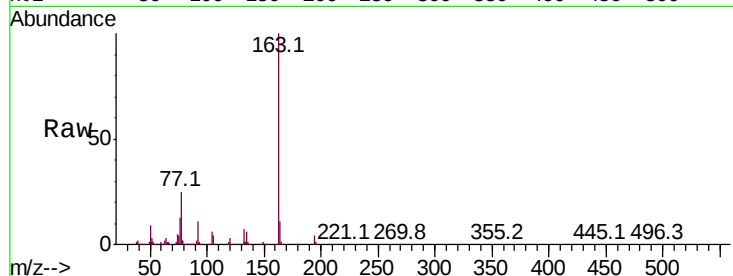
Tot Ion:163 Resp: 1060980

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

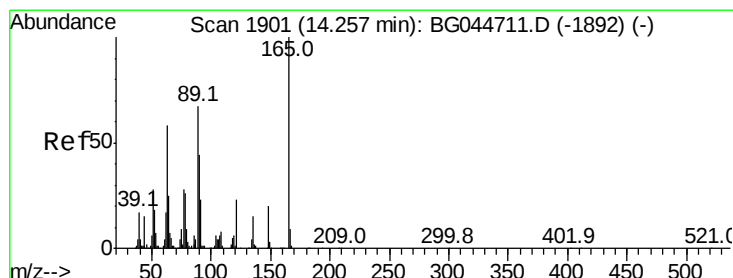
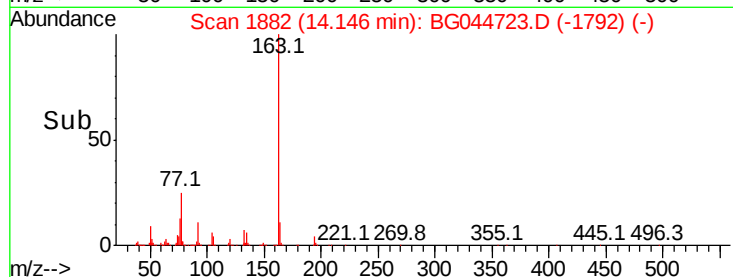
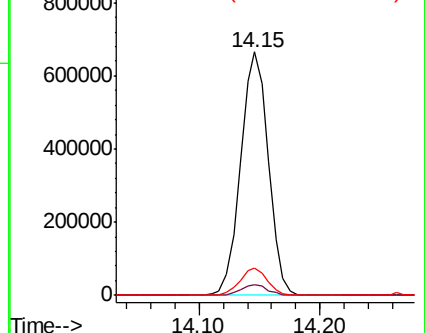
164 11.0 9.2 13.8



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: 153.627 ng

RT: 14.26 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

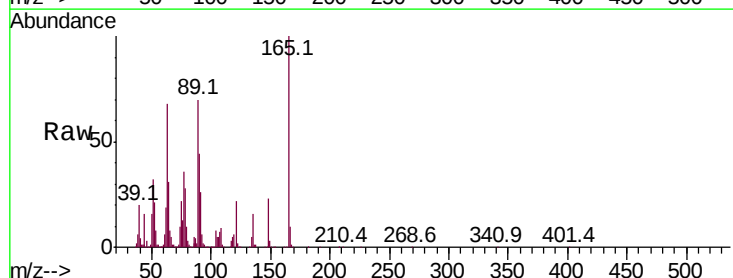
Tgt Ion:165 Resp: 563506

Ion Ratio Lower Upper

165 100

63 68.4 48.9 73.3

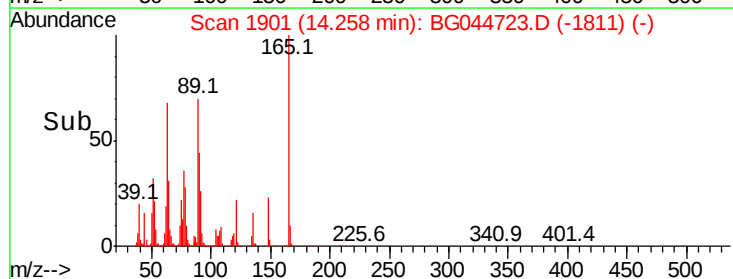
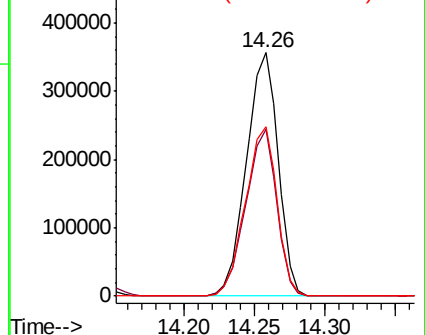
89 69.8 53.8 80.8

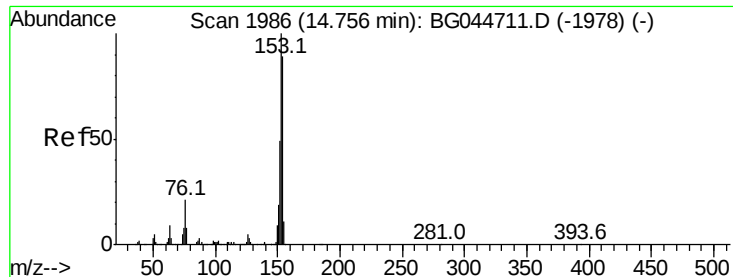


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 25.713 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Instrument :

BNA_G

ClientSampleId :

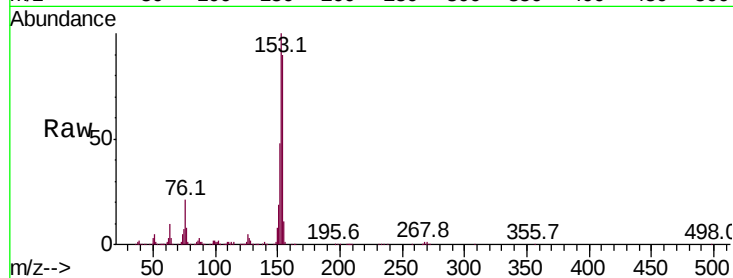
Tot Ion:154 Resp: 367961

Ion Ratio Lower Upper

154 100

153 111.5 89.8 134.8

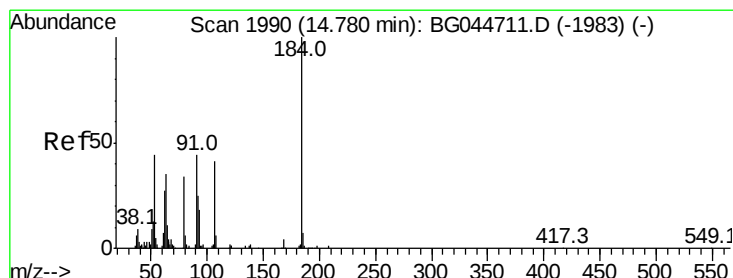
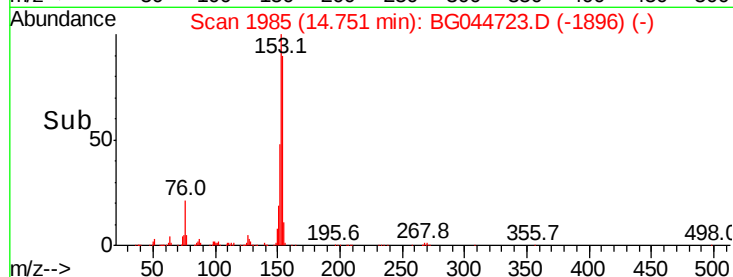
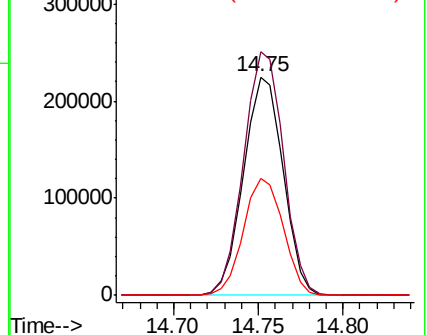
152 53.7 44.4 66.6



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



#54

2,4-Dinitrophenol

Concen: 8.360 ng

RT: 14.81 min Scan# 1995

Delta R.T. 0.03 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

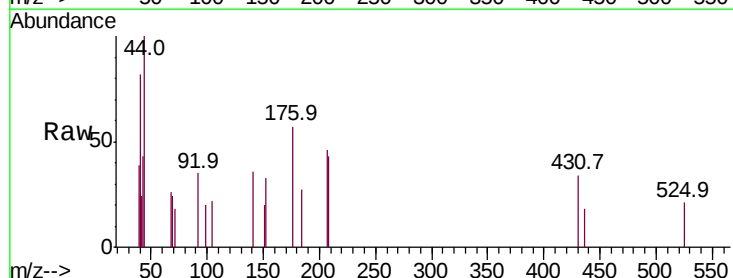
Tgt Ion:184 Resp: 80

Ion Ratio Lower Upper

184 100

63 0.0 49.0 73.6#

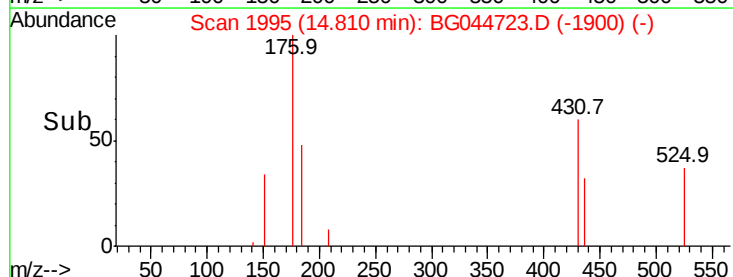
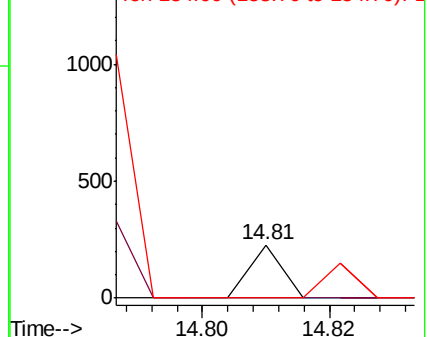
154 0.0 94.5 141.7#

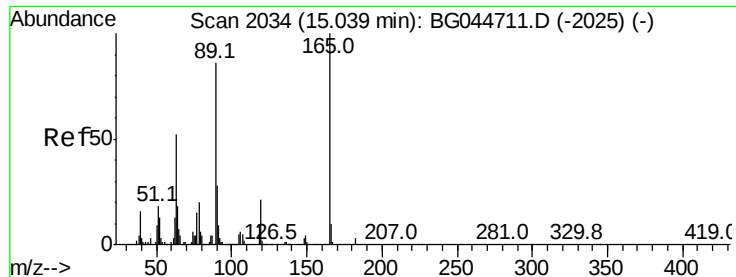


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#57

2,4-Dinitrotoluene

Concen: 82.387 ng

RT: 15.04 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 414458

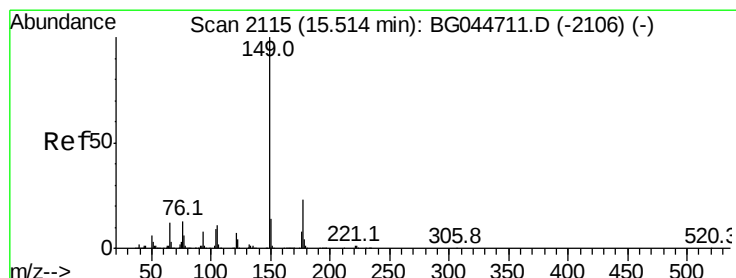
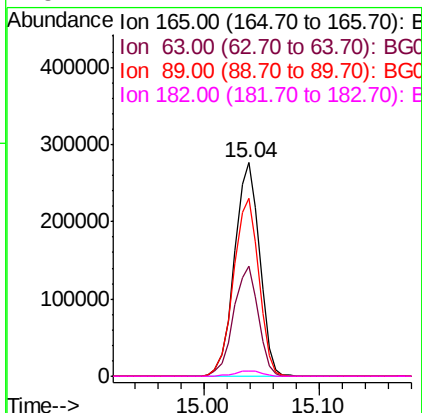
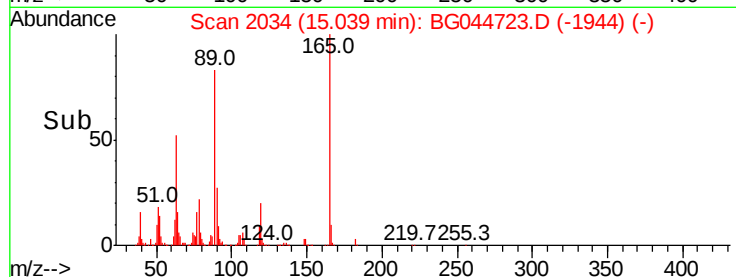
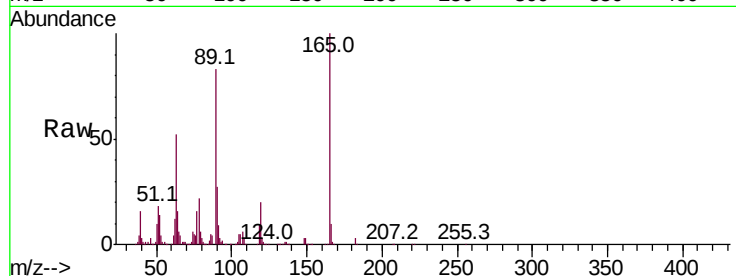
Ion Ratio Lower Upper

165 100

63 51.5 41.5 62.3

89 83.1 69.0 103.4

182 2.7 2.7 4.1#



#60

Diethylphthalate

Concen: 98.117 ng

RT: 15.51 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

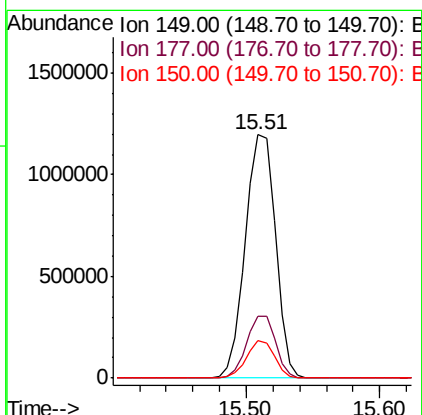
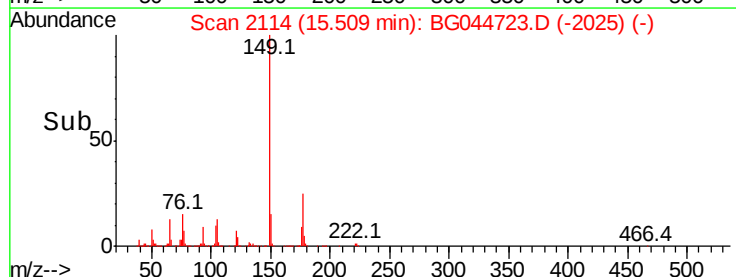
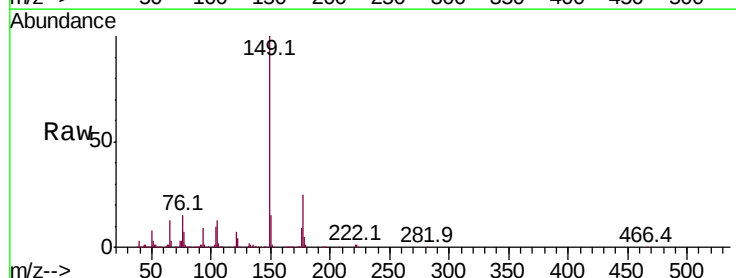
Tgt Ion:149 Resp: 1862222

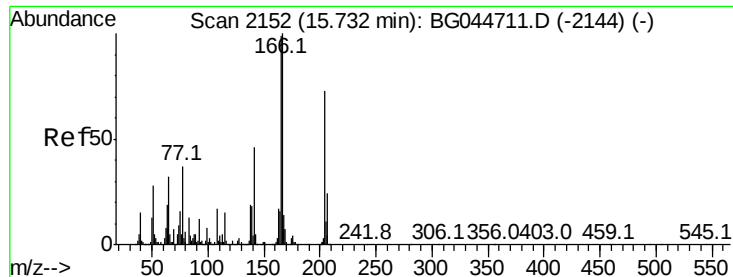
Ion Ratio Lower Upper

149 100

177 25.3 18.8 28.2

150 15.3 11.2 16.8

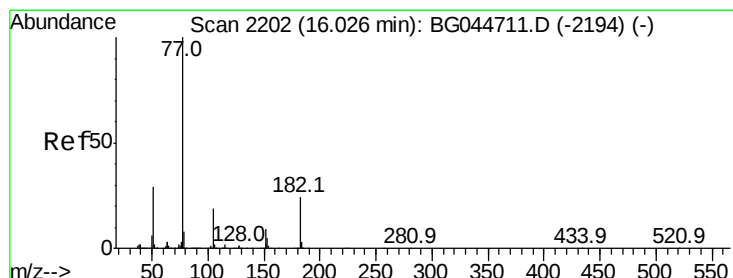
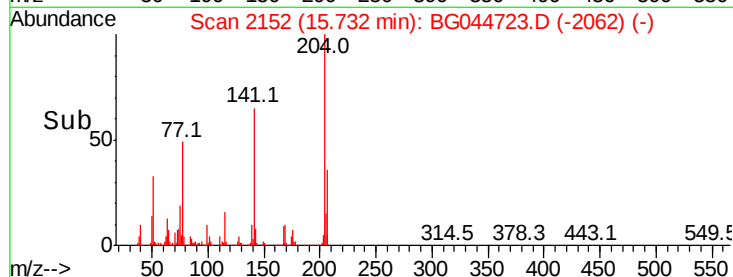
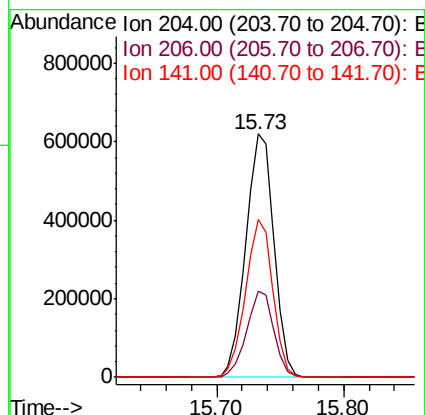
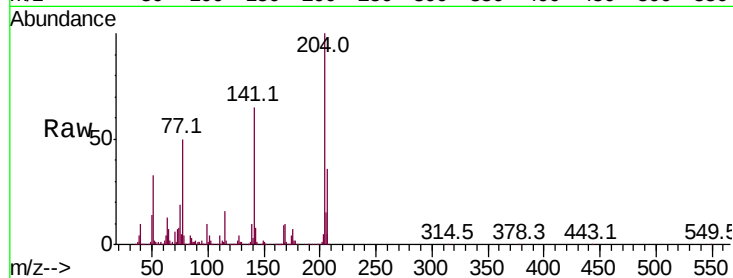




#61
4-Chlorophenyl-phenylether
Concen: 104.072 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG044723.D
Acq: 11 Mar 2020 16:49

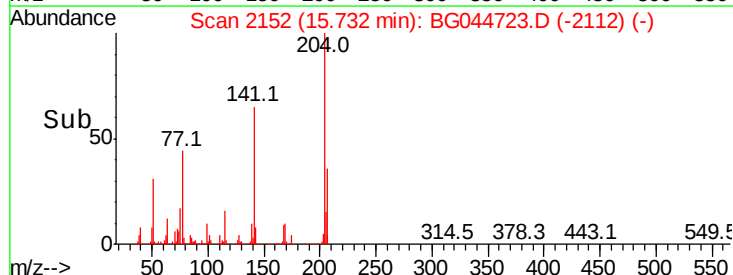
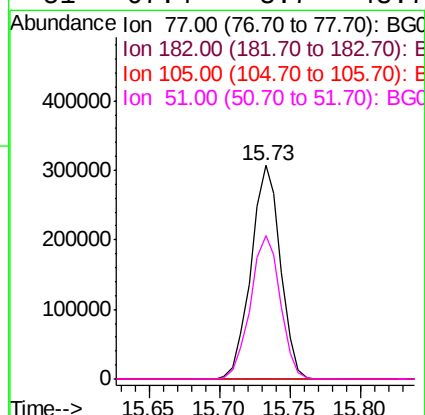
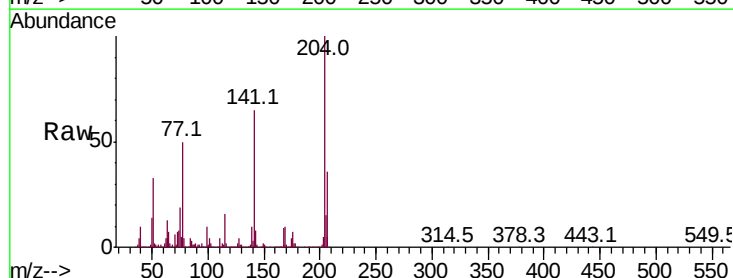
Instrument :
BNA_G
ClientSampleId :

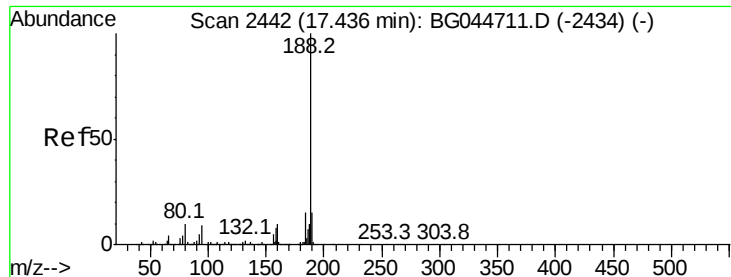
Tot Ion: 204 Resp: 956630
Ion Ratio Lower Upper
204 100
206 35.5 25.8 38.6
141 64.7 50.8 76.2



#63
Azobenzene
Concen: 22.802 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.29 min
Lab File: BG044723.D
Acq: 11 Mar 2020 16:49

Tgt Ion: 77 Resp: 449418
Ion Ratio Lower Upper
77 100
182 0.0 3.6 43.6#
105 0.2 0.0 39.3
51 67.4 8.7 48.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Instrument :

BNA_G

ClientSampleId :

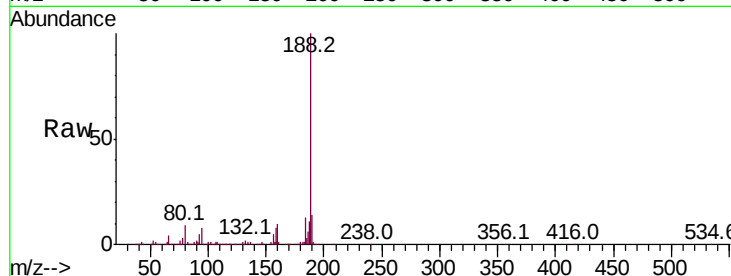
Tot Ion:188 Resp: 547537

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

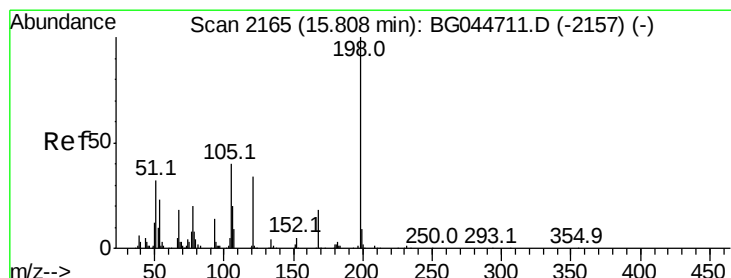
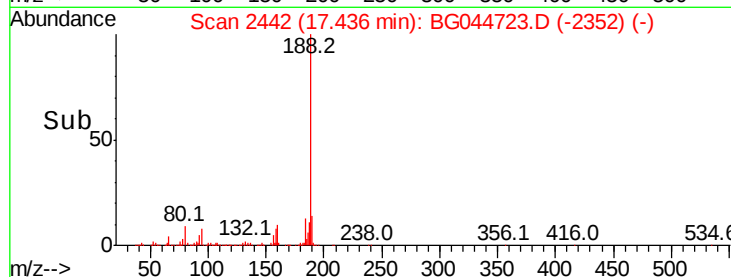
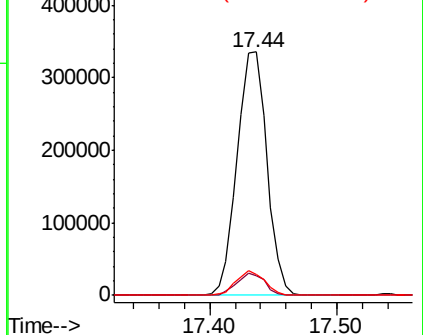
80 8.8 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 7.851 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.08 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

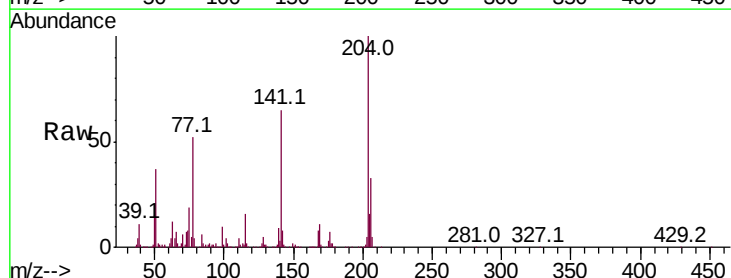
Tgt Ion:198 Resp: 378

Ion Ratio Lower Upper

198 100

51 47210.8 20.1 60.1#

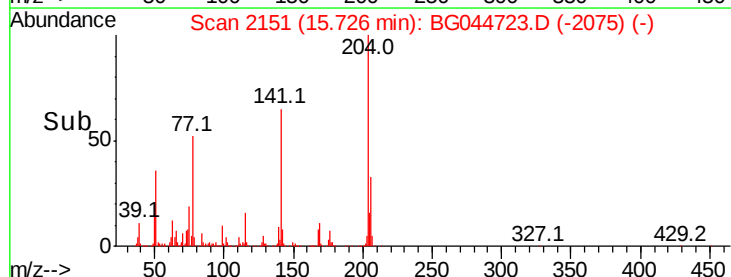
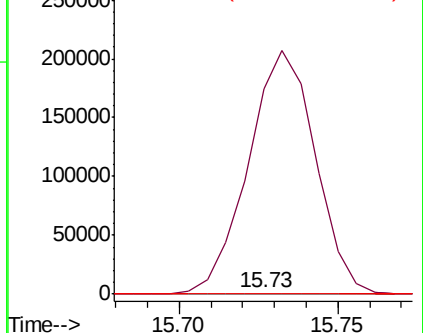
105 129.0 21.3 61.3#

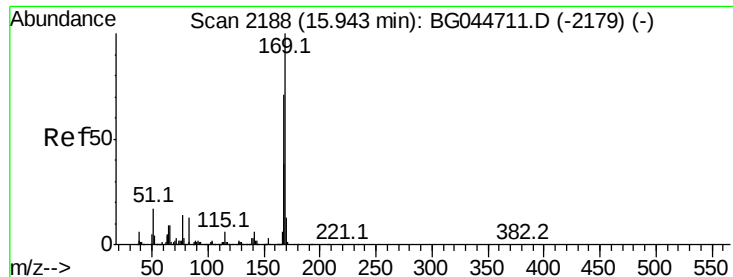


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

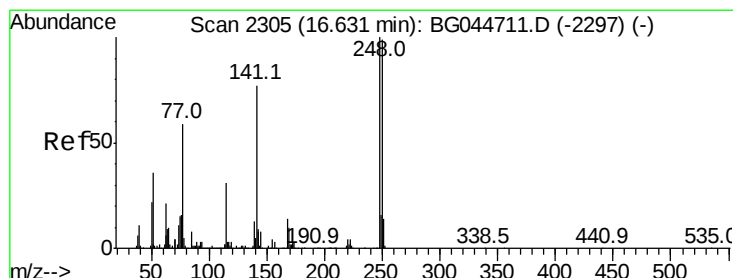
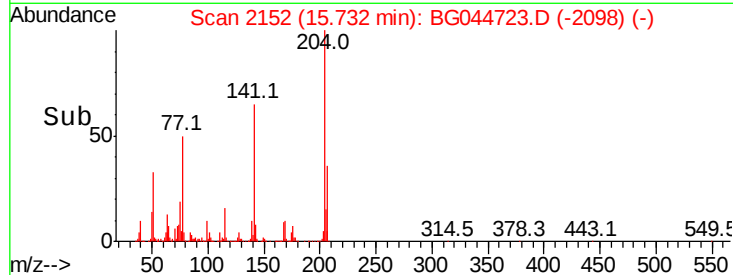
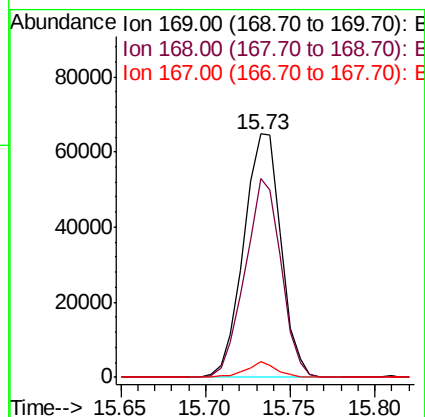
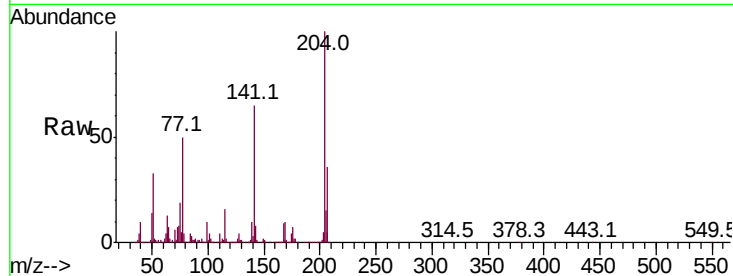




#66
n-Nitrosodiphenylamine
Concen: 6.056 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.21 min
Lab File: BG044723.D
Acq: 11 Mar 2020 16:49

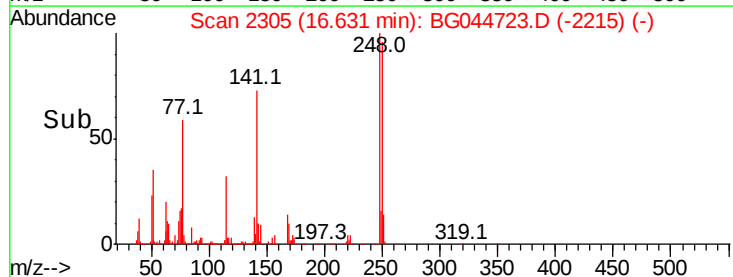
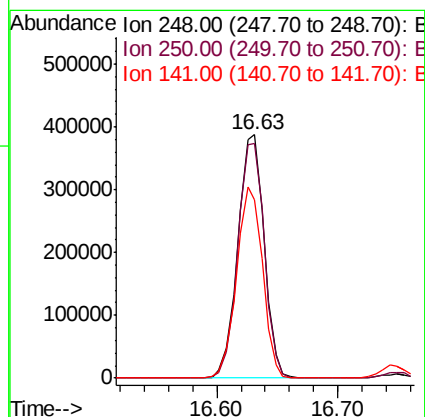
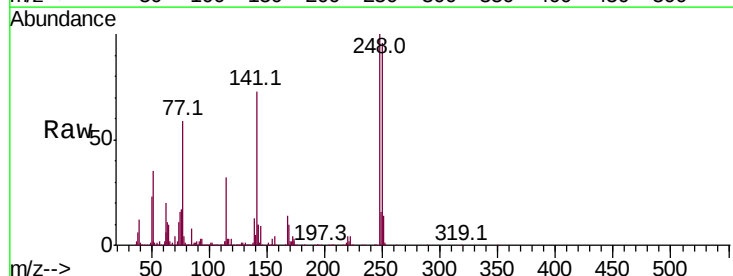
Instrument :
BNA_G
ClientSampleId :

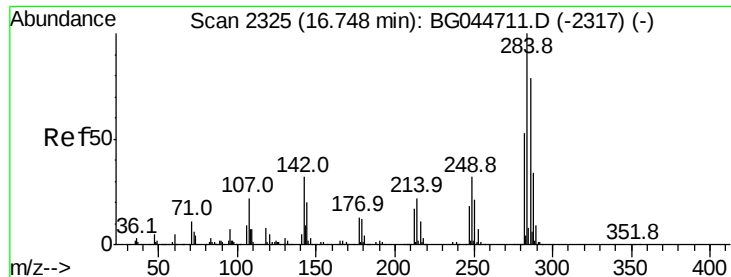
Tot Ion:169 Resp: 99835
Ion Ratio Lower Upper
169 100
168 81.7 56.6 85.0
167 6.2 30.1 45.1#



#67
4-Bromophenyl-phenylether
Concen: 85.848 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG044723.D
Acq: 11 Mar 2020 16:49

Tgt Ion:248 Resp: 587632
Ion Ratio Lower Upper
248 100
250 96.5 79.4 119.0
141 73.1 61.7 92.5

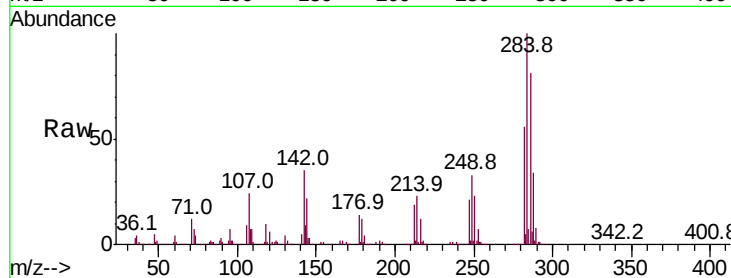




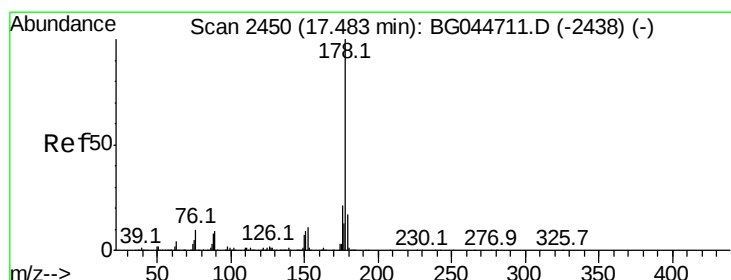
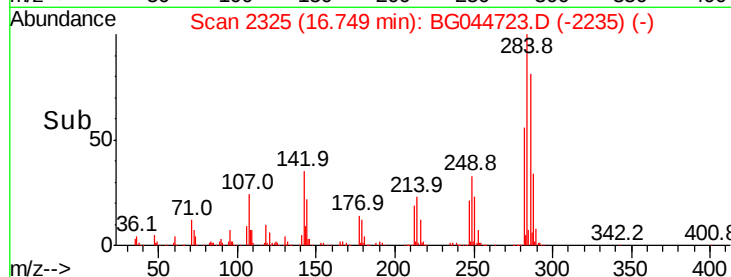
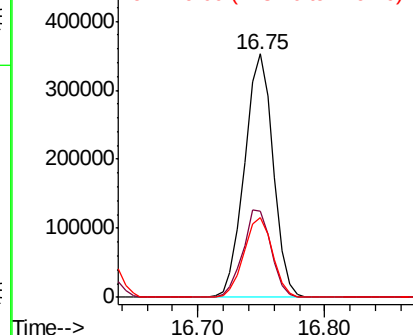
#68
Hexachlorobenzene
Concen: 74.166 ng
RT: 16.75 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG044723.D
Acq: 11 Mar 2020 16:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.5	25.6	38.4
249	32.8	25.8	38.6

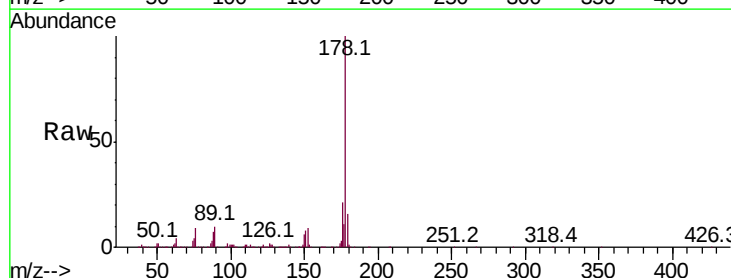


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

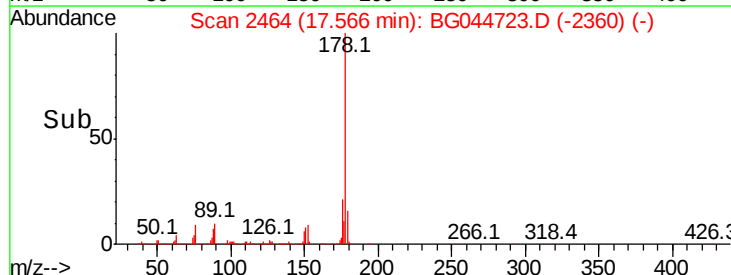
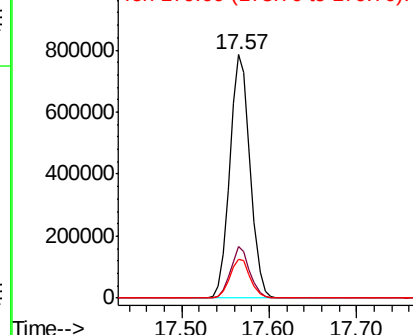


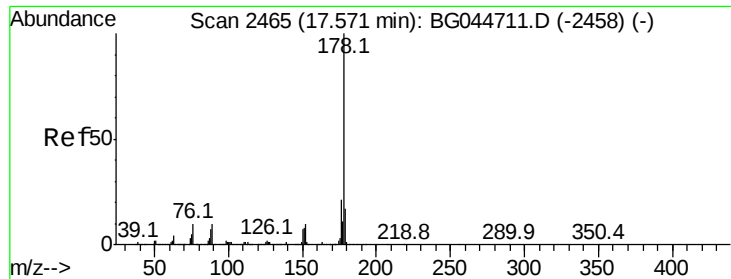
#71
Phenanthrene
Concen: 42.632 ng
RT: 17.57 min Scan# 2464
Delta R.T. 0.08 min
Lab File: BG044723.D
Acq: 11 Mar 2020 16:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.0	25.6
179	16.0	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





#72

Anthracene

Concen: 43.235 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

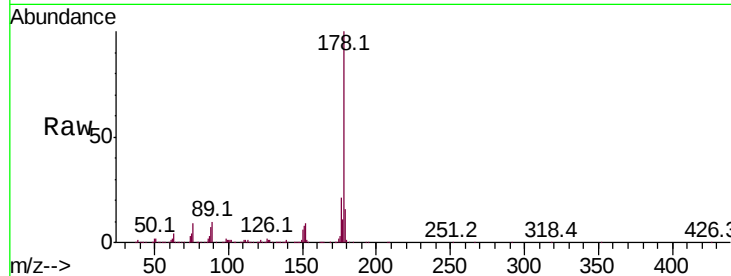
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1247401

Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.0	25.6
179	16.0	13.8	20.8

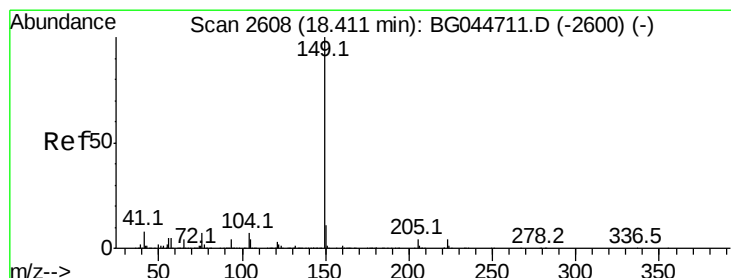
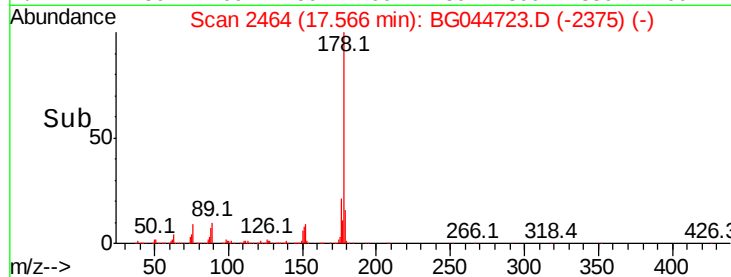
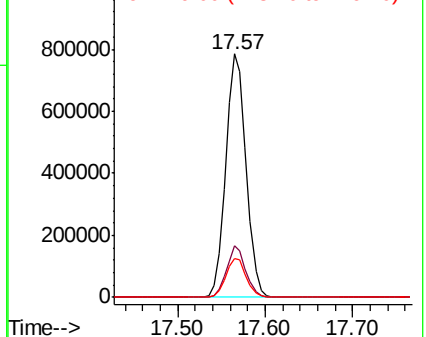


Abundance

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: 60.211 ng

RT: 18.41 min Scan# 2607

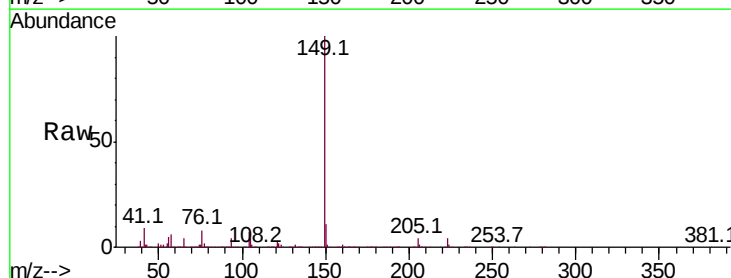
Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Tgt Ion:149 Resp: 2028469

Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.4	12.6
104	7.3	5.6	8.4

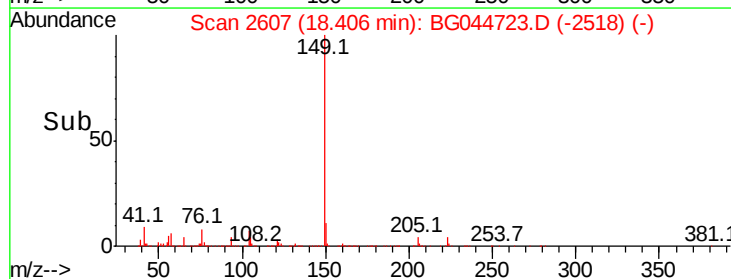
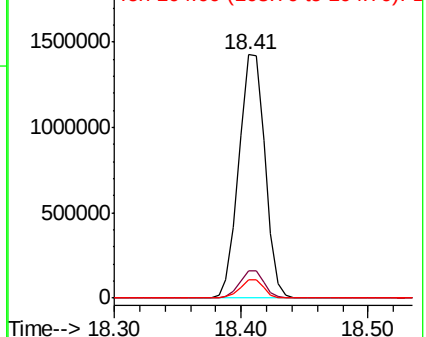


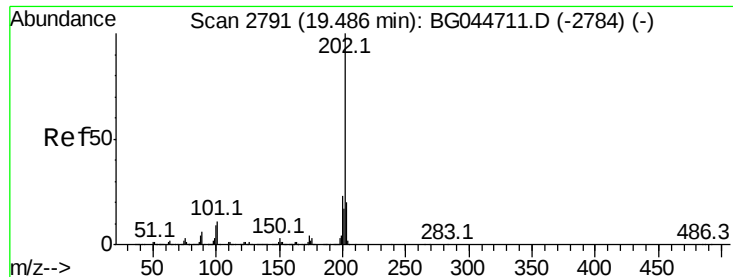
Abundance

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: 37.172 ng

RT: 19.49 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

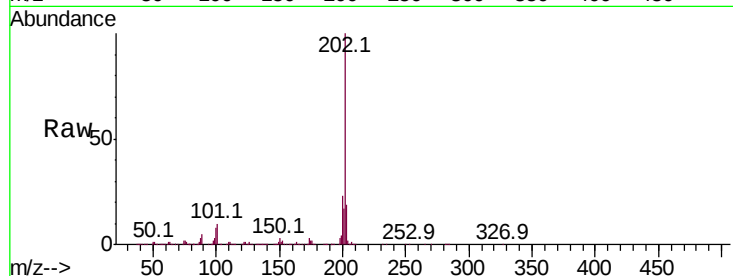
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1295008

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.3
203	18.7	0.4	40.4

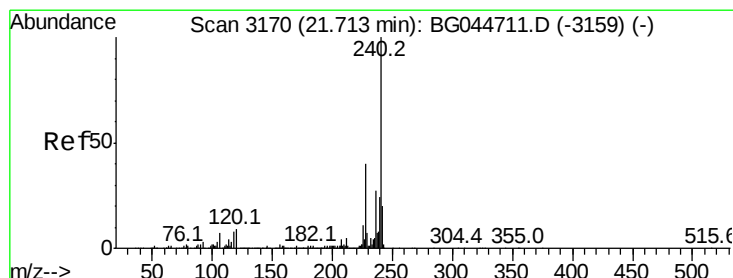
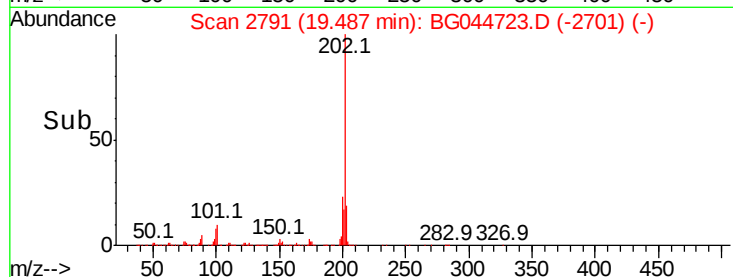
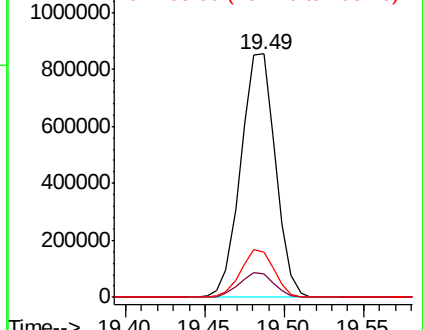


Abundance

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: 21.71 min Scan# 3169

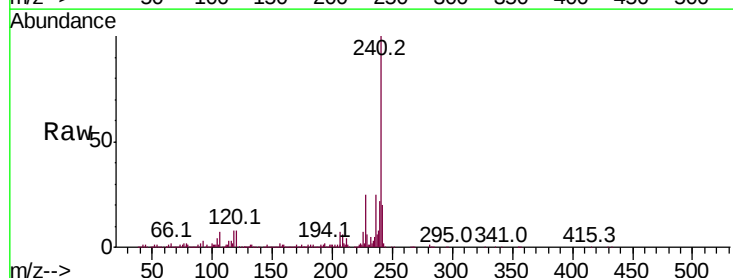
Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Tgt Ion:240 Resp: 485445

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	25.2	21.9	32.9

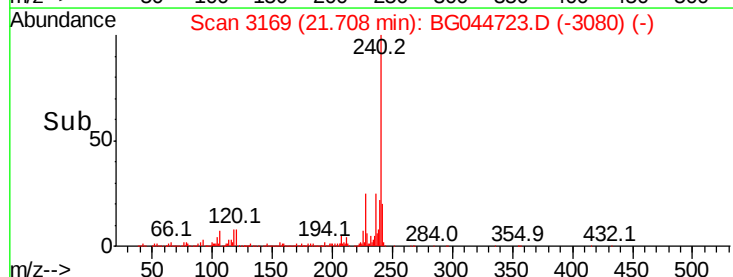
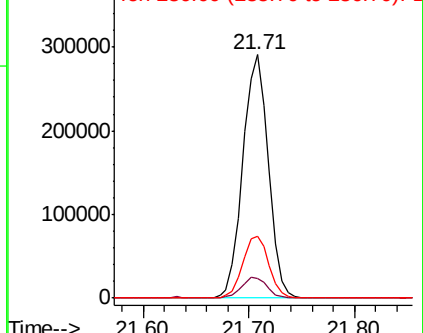


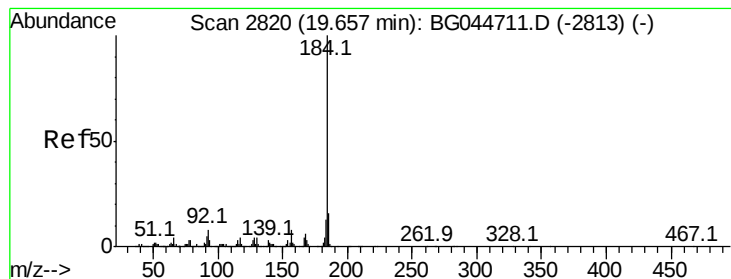
Abundance

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: 3.486 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.39 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Instrument :

BNA_G

ClientSampleId :

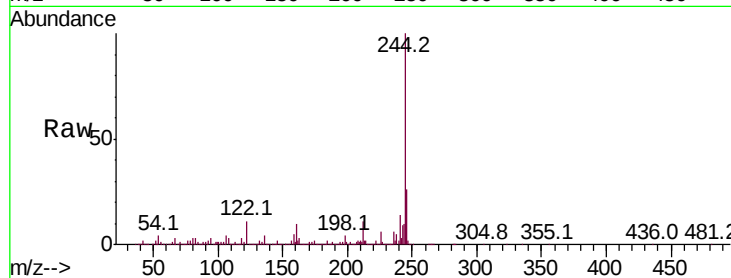
Tot Ion:184 Resp: 54931

Ion Ratio Lower Upper

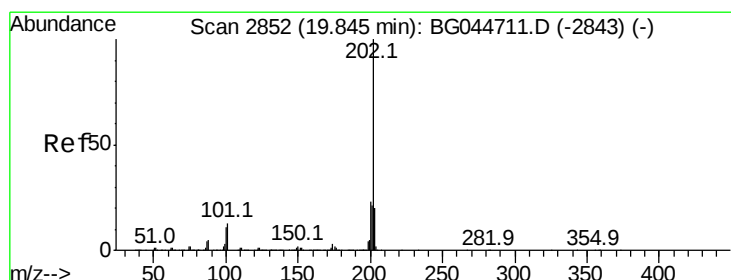
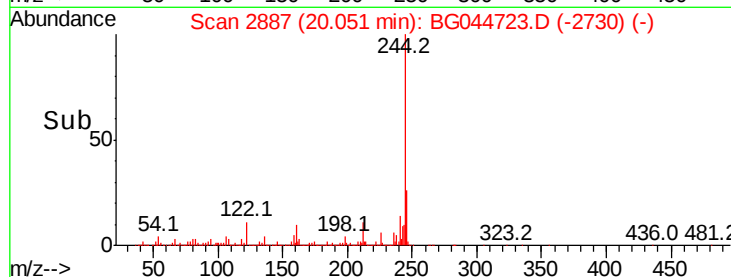
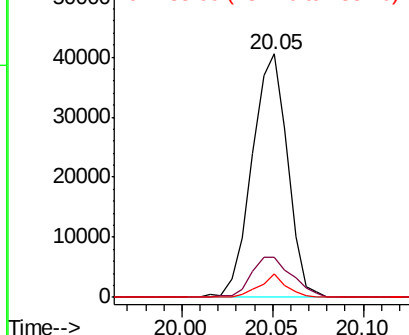
184 100

185 16.6 12.9 19.3

183 9.5 10.6 15.8#



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: 20.595 ng

RT: 19.85 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

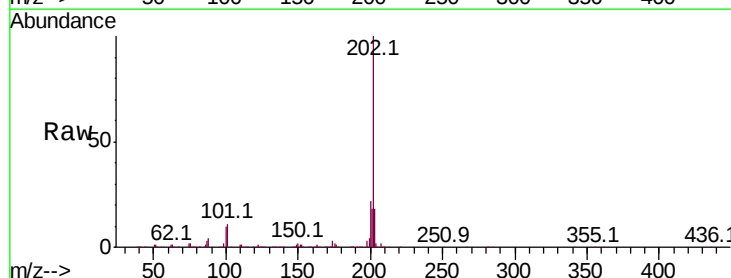
Tgt Ion:202 Resp: 733499

Ion Ratio Lower Upper

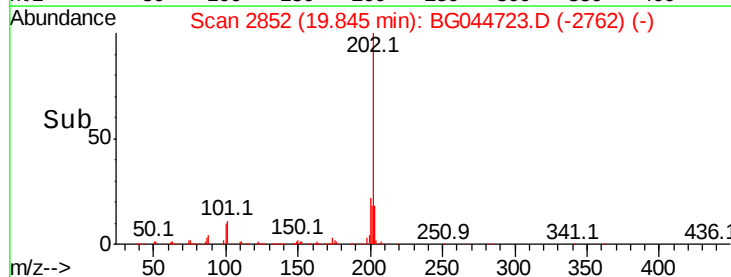
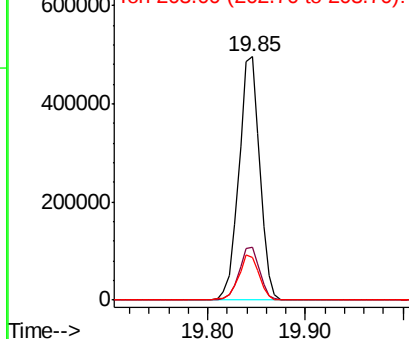
202 100

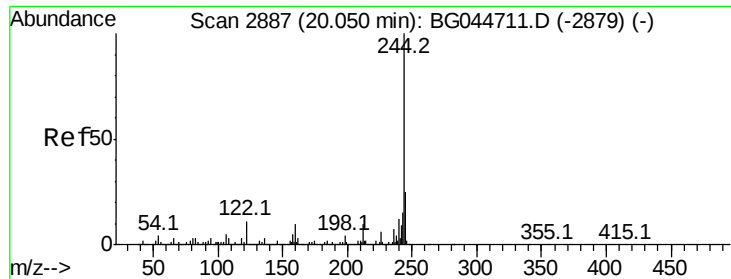
200 21.6 18.7 28.1

203 17.6 16.0 24.0



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: 99.727 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Instrument :

BNA_G

ClientSampled :

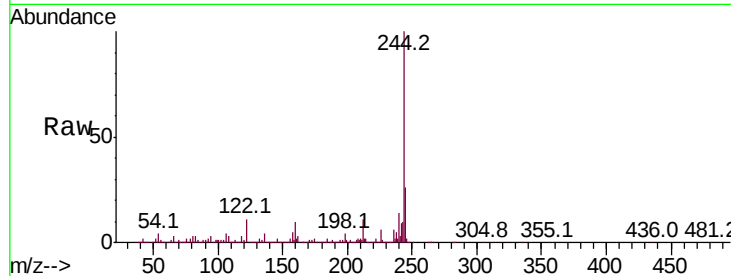
Tot Ion:244 Resp: 2588116

Ion Ratio Lower Upper

244 100

212 10.8 8.4 12.6

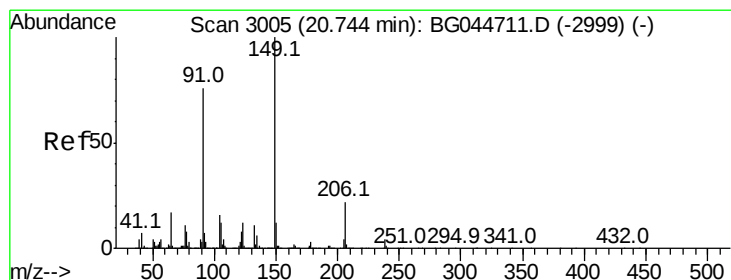
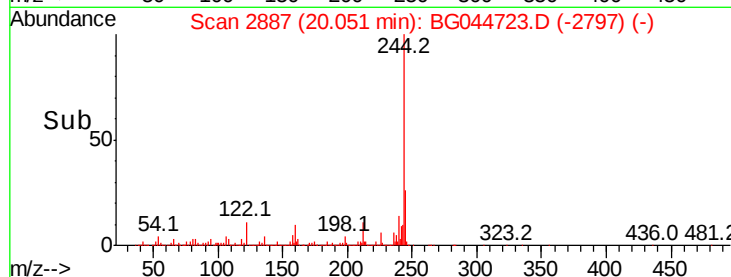
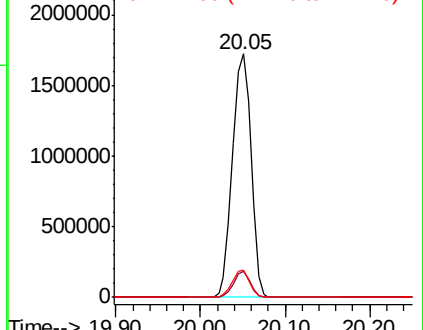
122 11.0 8.7 13.1



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: 70.968 ng

RT: 20.74 min Scan# 3005

Delta R.T. 0.00 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

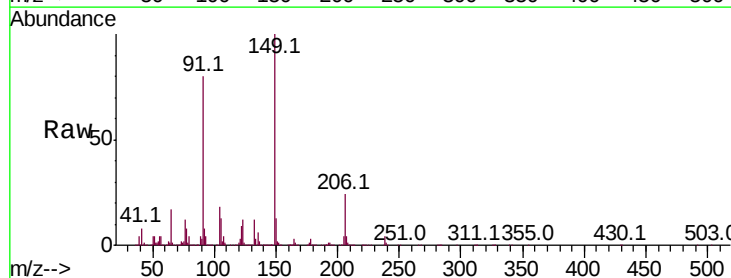
Tgt Ion:149 Resp: 1124454

Ion Ratio Lower Upper

149 100

91 79.6 61.1 91.7

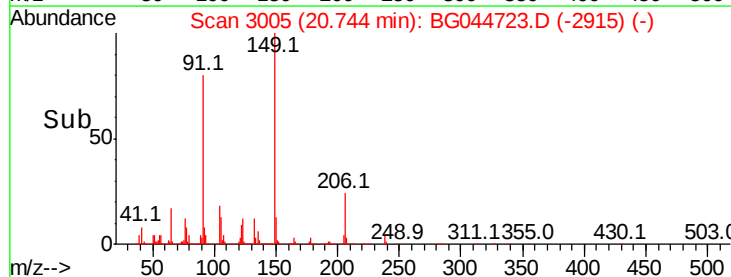
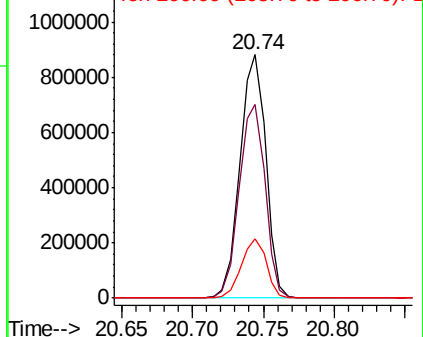
206 24.3 17.4 26.2

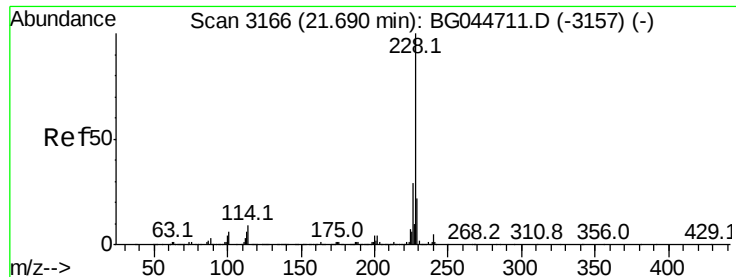


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 22.106 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Instrument :

BNA_G

ClientSampleId :

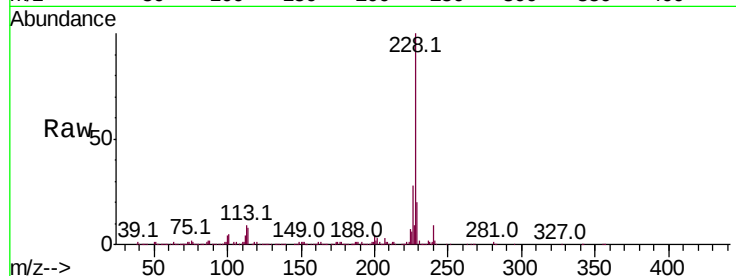
Tot Ion:228 Resp: 772730

Ion Ratio Lower Upper

228 100

226 28.2 23.5 35.3

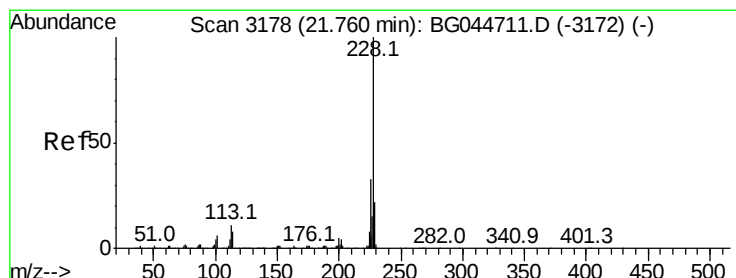
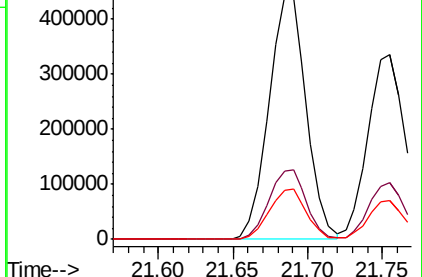
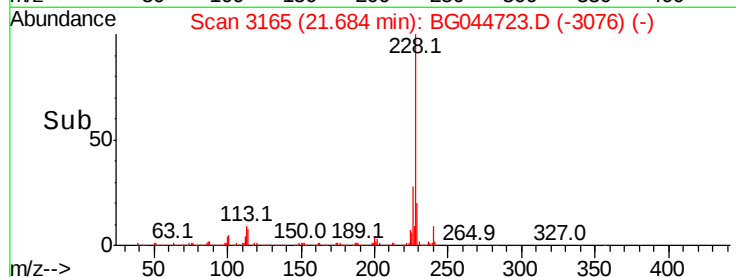
229 20.2 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 16.990 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

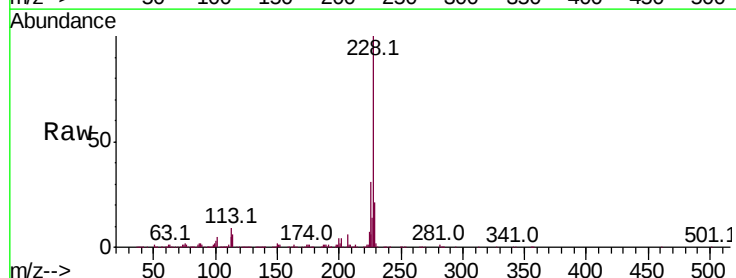
Tgt Ion:228 Resp: 567306

Ion Ratio Lower Upper

228 100

226 30.5 26.1 39.1

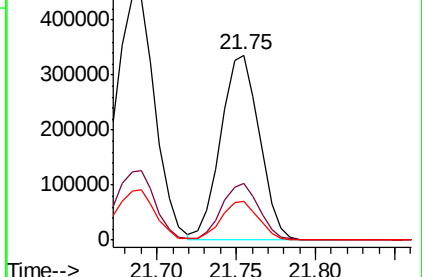
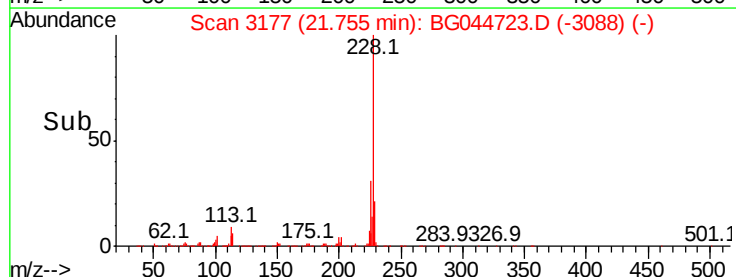
229 20.9 17.4 26.0

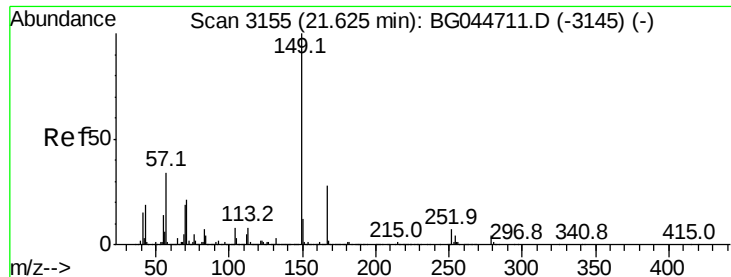


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 100.103 ng

RT: 21.63 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

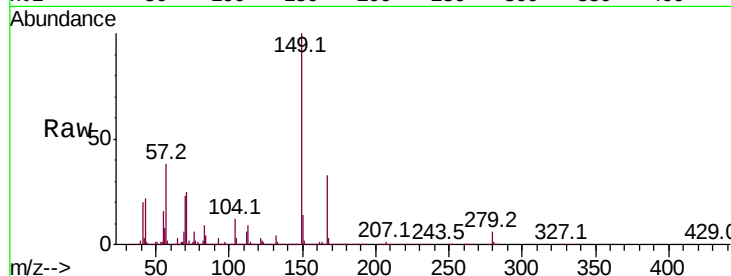
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 2189002

Ion	Ratio	Lower	Upper
149	100		
167	33.2	22.6	33.8
279	5.8	3.5	5.3

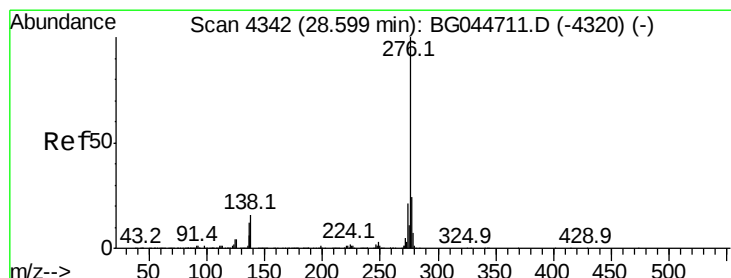
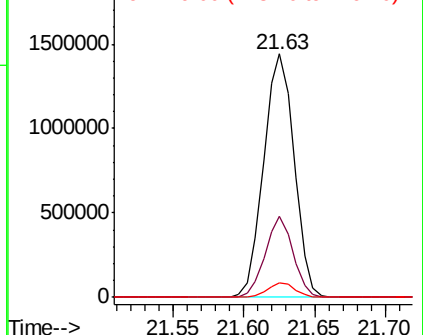
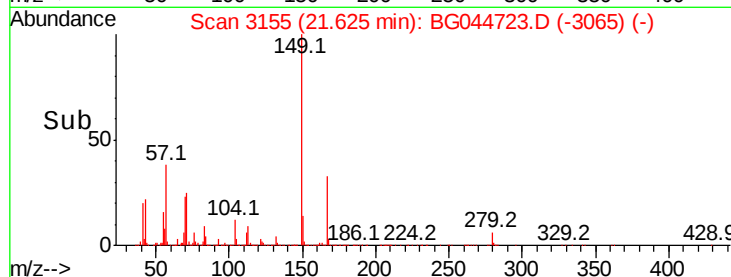


Abundance

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 28.931 ng

RT: 28.59 min Scan# 4341

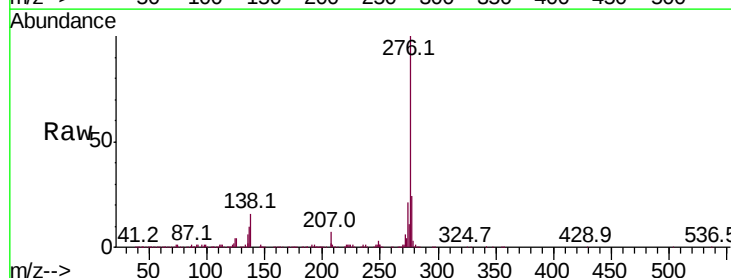
Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Tgt Ion:276 Resp: 1266459

Ion	Ratio	Lower	Upper
276	100		
138	14.9	10.9	16.3
277	24.5	20.8	31.2

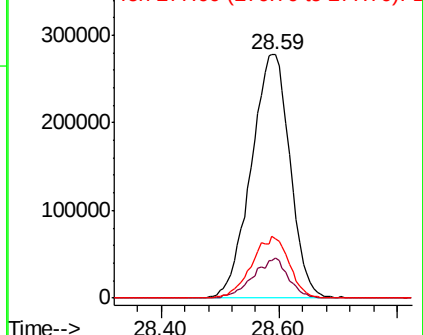
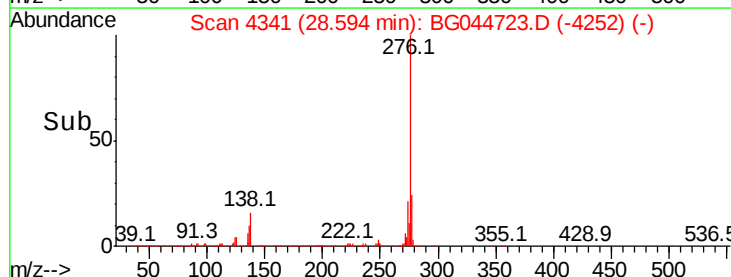


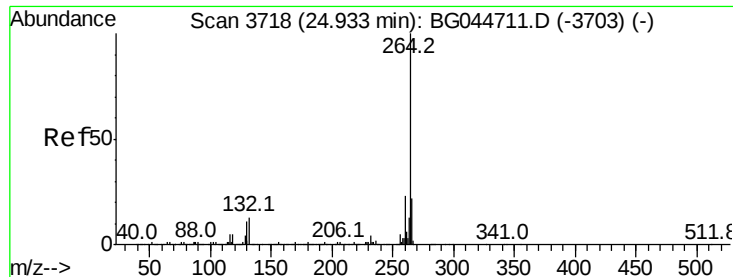
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Instrument :

BNA_G

ClientSampleId :

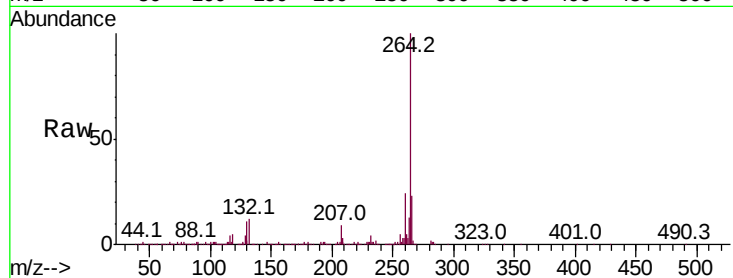
Tot Ion:264 Resp: 590876

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

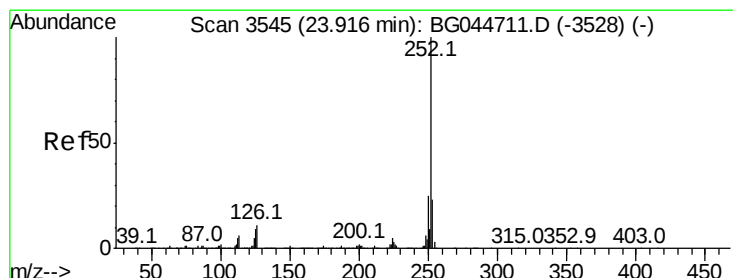
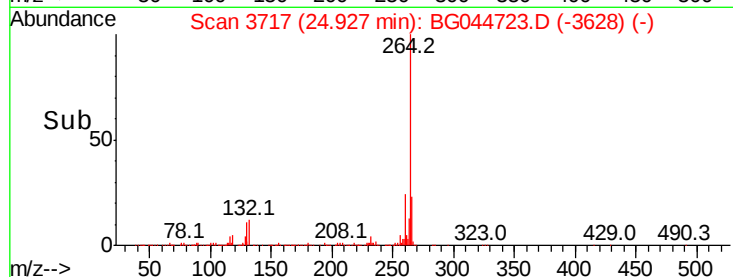
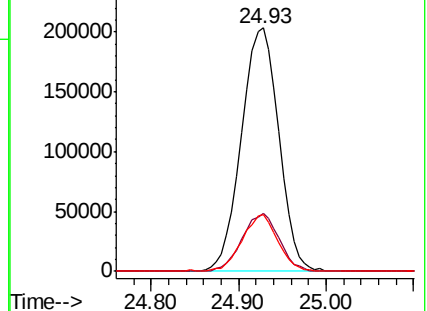
265 23.1 17.4 26.2



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: 24.335 ng

RT: 23.98 min Scan# 3555

Delta R.T. 0.06 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

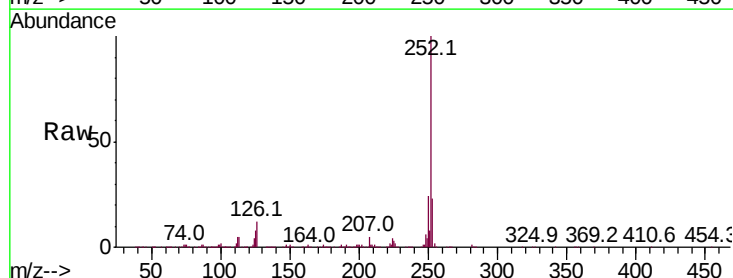
Tgt Ion:252 Resp: 949271

Ion Ratio Lower Upper

252 100

253 22.6 18.7 28.1

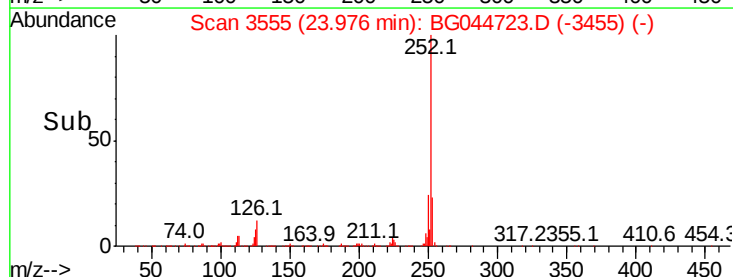
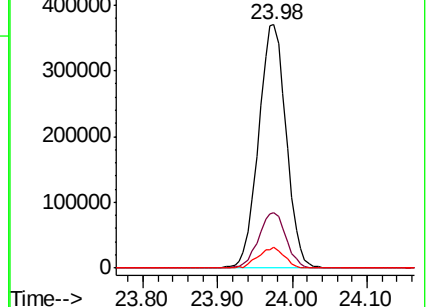
125 8.4 7.2 10.8

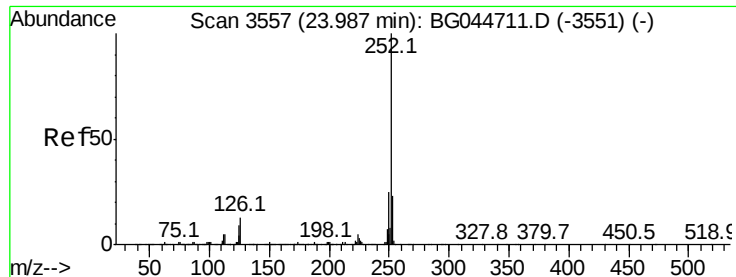


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 25.715 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

Instrument :

BNA_G

ClientSampleId :

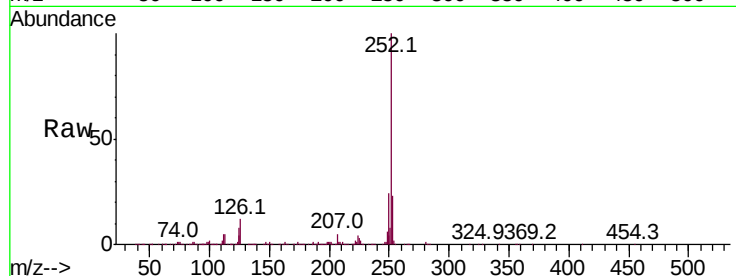
Tot Ion:252 Resp: 949271

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

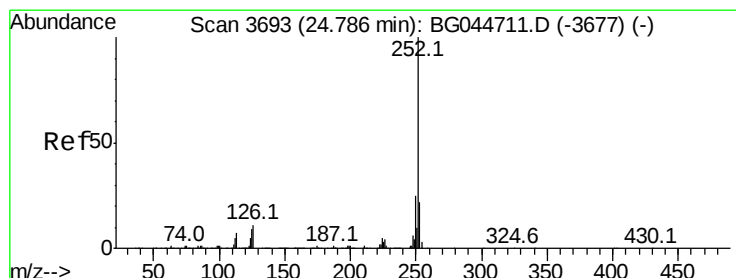
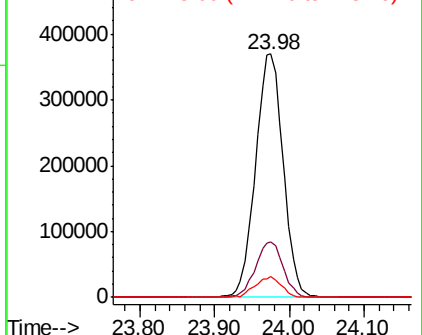
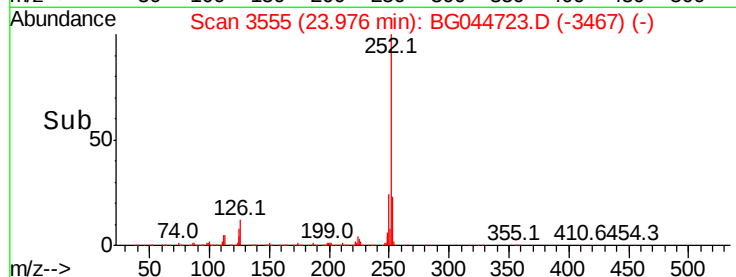
125 8.4 7.0 10.4



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: 36.470 ng

RT: 24.77 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG044723.D

Acq: 11 Mar 2020 16:49

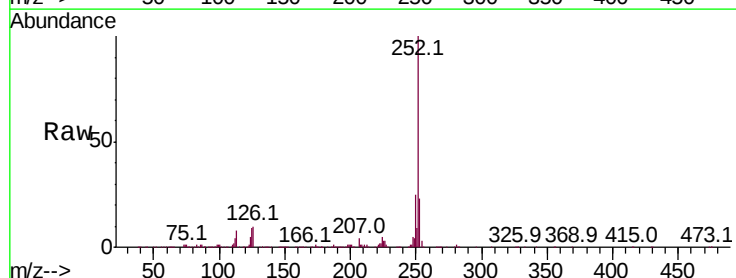
Tgt Ion:252 Resp: 1331148

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

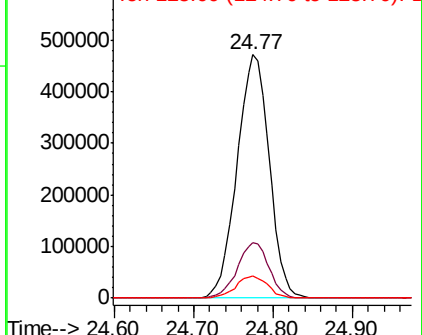
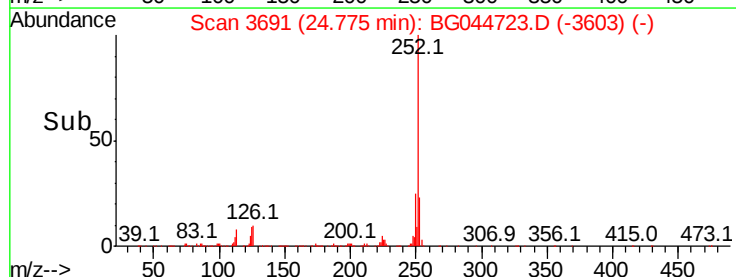
125 8.9 7.0 10.6

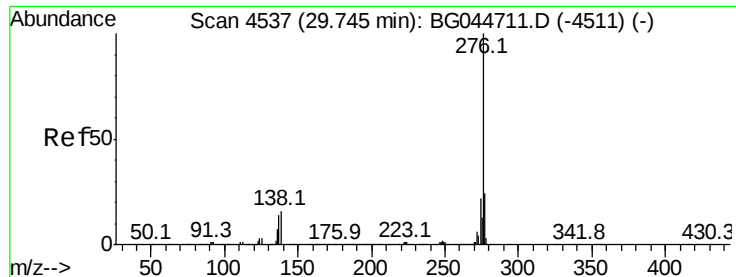


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

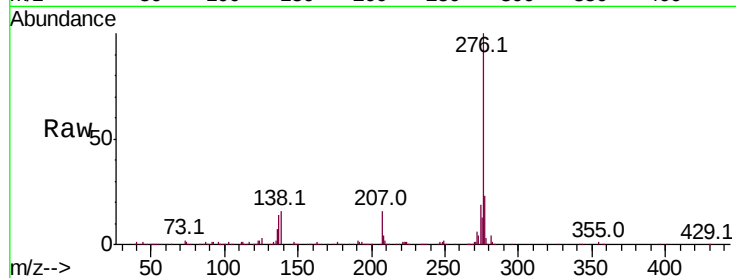




#92
 Benzo(a,h,i)perylene
 Concen: 17.444 ng
 RT: 29.71 min Scan# 4531
 Delta R.T. -0.03 min
 Lab File: BG044723.D
 Acq: 11 Mar 2020 16:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.8	28.2
138	15.7	13.0	19.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

