

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043029.D
 Acq On : 4 Oct 2019 15:44
 Operator : JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 05 04:50:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	61	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	57	20.00	ng	-0.37
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.69
64) Phenanthrene-d10	17.42	188	75	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	163	20.00	ng	-0.02
87) Perylene-d12	24.93	264	80	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	9.27	82	72	61.40	ng	0.03
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.62	172	56	0.00	ng	0.30
79) Terphenyl-d14	20.03	244	4378	572.33	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	58	40.699	ng	# 13
3) Pyridine	3.93	79	67	16.715	ng	# 1
4) n-Nitrosodimethylamine	3.84	42	111	57.587	ng	# 6
6) Aniline	7.35	93	73	12.286	ng	# 39
8) 2-Chlorophenol	7.51	128	55	15.429	ng	# 32
10) Phenol	7.17	94	54	11.957	ng	# 31
11) bis(2-Chloroethyl)ether	7.35	93	73	20.892	ng	# 16
12) 1,3-Dichlorobenzene	7.68	146	63	13.854	ng	# 26
13) 1,4-Dichlorobenzene	7.68	146	63	13.898	ng	# 25
15) Benzyl Alcohol	8.24	79	77	20.807	ng	# 16
16) 2,2'-oxybis(1-Chloropropan	8.59	45	71	10.581	ng	# 70
17) 2-Methylphenol	8.73	107	71	22.469	ng	# 9
18) Hexachloroethane	9.40	117	60	35.145	ng	# 1
19) n-Nitroso-di-n-propylamine	9.02	70	53	16.398	ng	# 31
20) 3+4-Methylphenols	8.73	107	71	16.396	ng	# 21
24) Nitrobenzene	9.32	77	67	59.897	ng	# 43
25) Isophorone	9.27	82	72	34.953	ng	# 66
26) 2-Nitrophenol	9.84	139	58	121.802	ng	# 27
28) bis(2-Chloroethoxy)methane	10.06	93	66	56.472	ng	# 50
29) 2,4-Dichlorophenol	10.63	162	55	60.473	ng	# 25
30) 1,2,4-Trichlorobenzene	9.96	180	65	55.343	ng	# 11
33) 4-Chloroaniline	10.26	127	126	103.486	ng	# 43
34) Hexachlorobutadiene	10.74	225	89	101.204	ng	# 18
36) 4-Chloro-3-methylphenol	12.09	107	59	59.663	ng	# 22
66) n-Nitrosodiphenylamine	15.91	169	81	40.911	ng	# 23
67) 4-Bromophenyl-phenylether	16.62	248	53	56.304	ng	# 9
68) Hexachlorobenzene	16.85	284	67	63.925	ng	# 46
69) Atrazine	17.07	200	13050	15652.606	ng	# 37
70) Pentachlorophenol	17.08	266	70477	116533.721	ng	# 97
71) Phenanthrene	17.48	178	164	44.790	ng	# 59
72) Anthracene	17.56	178	337	92.194	ng	# 59
73) Carbazole	17.86	167	4381	1292.446	ng	# 80
74) Di-n-butylphthalate	18.38	149	816	201.765	ng	# 77
75) Fluoranthene	19.48	202	1121	231.467	ng	# 79

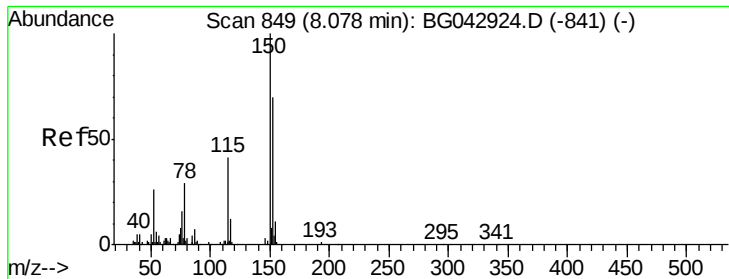
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Benzidine	19.65	184	383466	93955.569	nq	98
78) Pyrene	19.84	202	1439	147.911	nq #	56
80) Butylbenzylphthalate	20.71	149	516	139.730	nq #	23
81) Benzo(a)anthracene	21.67	228	758	74.633	nq #	44
82) 3,3'-Dichlorobenzidine	21.59	252	701	175.978	nq #	97
83) Chrysene	21.74	228	728	73.863	nq #	48
84) Bis(2-ethylhexyl)phthalate	21.57	149	1645	313.056	nq #	49
85) Di-n-octyl phthalate	22.82	149	92	10.707	nq #	1
86) Indeno(1,2,3-cd)pyrene	28.62	276	59	4.809	nq #	56
88) Benzo(b)fluoranthene	23.89	252	627	138.514	nq #	59
89) Benzo(k)fluoranthene	23.95	252	379	84.635	nq #	1
90) Benzo(a)pyrene	24.77	252	328	76.803	nq #	59
91) Dibenzo(a,h)anthracene	28.69	278	209	47.725	nq #	57
92) Benzo(q,h,i)perylene	29.76	276	97	22.860	nq #	59

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

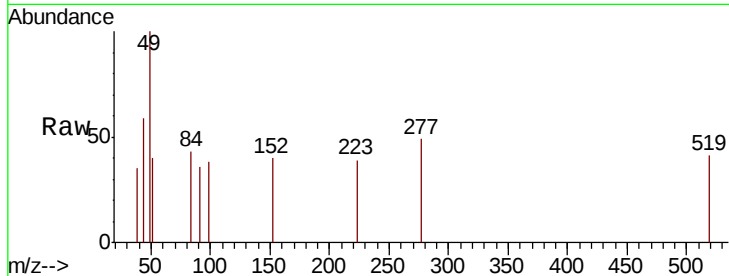


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

Instrument :
BNA_G
ClientSampleId :

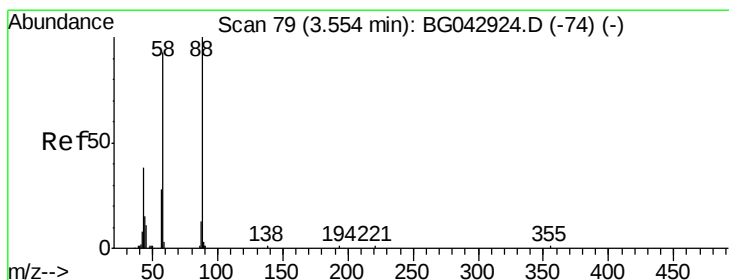
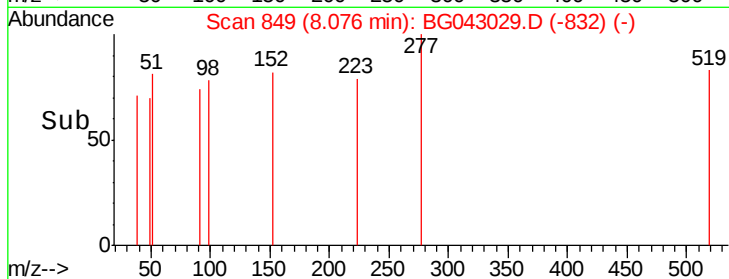
Tot Ion	Ratio	Lower	Upper
152	100		
150	0.0	115.0	172.4#
115	0.0	47.0	70.6#



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

8.08

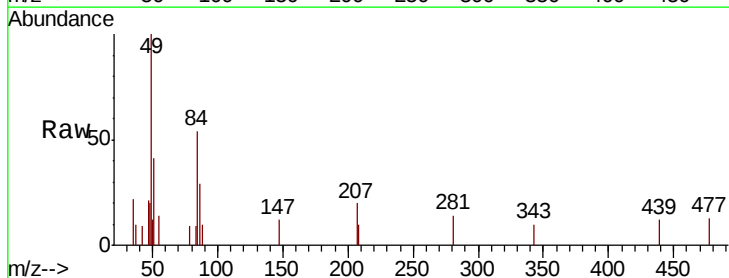
Time-->



#2

1,4-Dioxane
Concen: 40.699 ng
RT: 3.56 min Scan# 80
Delta R.T. 0.00 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

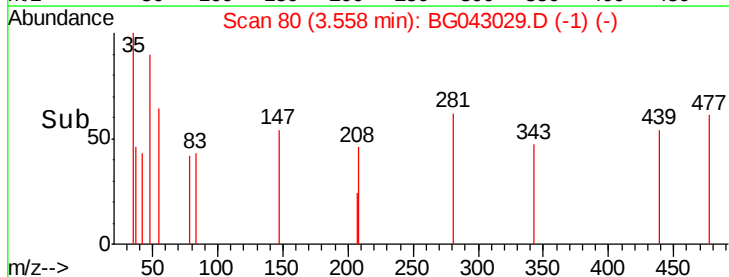
Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	74.3	111.5#
43	0.0	29.8	44.8#

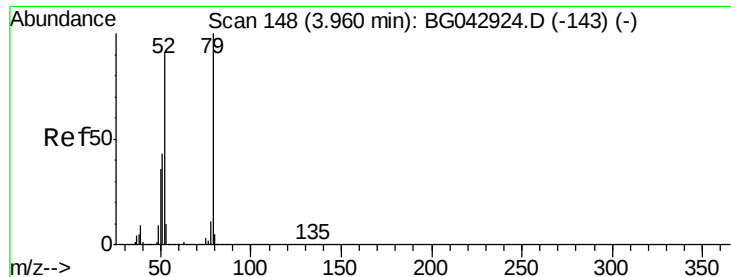


Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC

3.56

Time-->





#3

Pvridine

Concen: 16.715 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.03 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

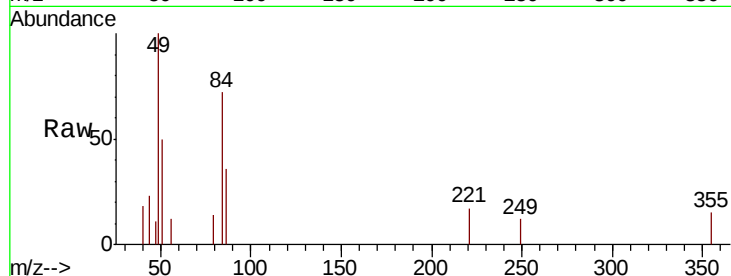
Tot Ion: 79 Resp: 67

Ion Ratio Lower Upper

79 100

52 0.0 73.0 109.4#

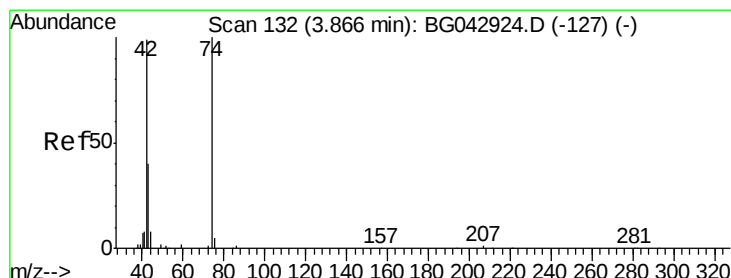
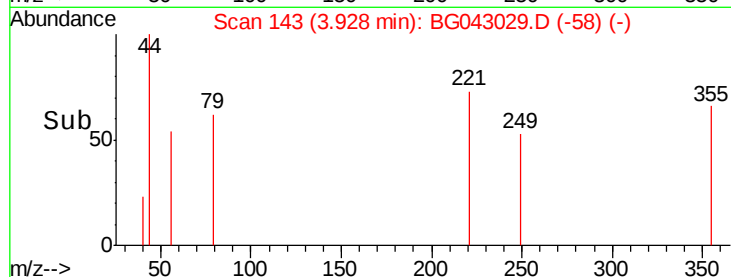
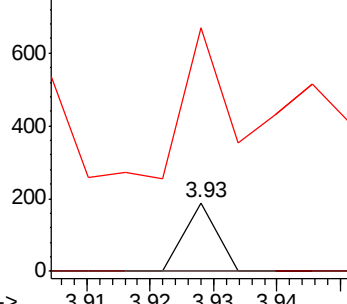
51 354.0 35.1 52.7#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 57.587 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.03 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

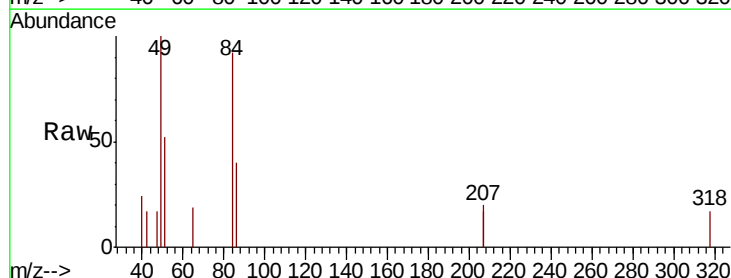
Tgt Ion: 42 Resp: 111

Ion Ratio Lower Upper

42 100

74 0.0 80.5 120.7#

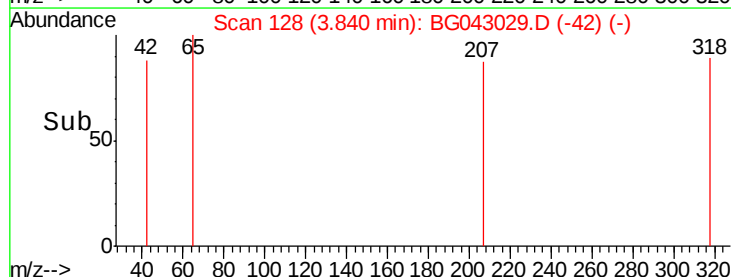
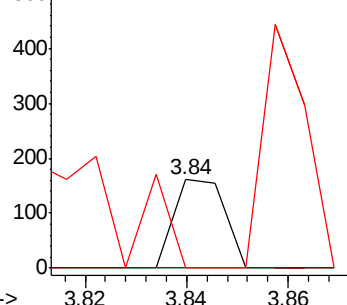
44 0.0 6.9 10.3#

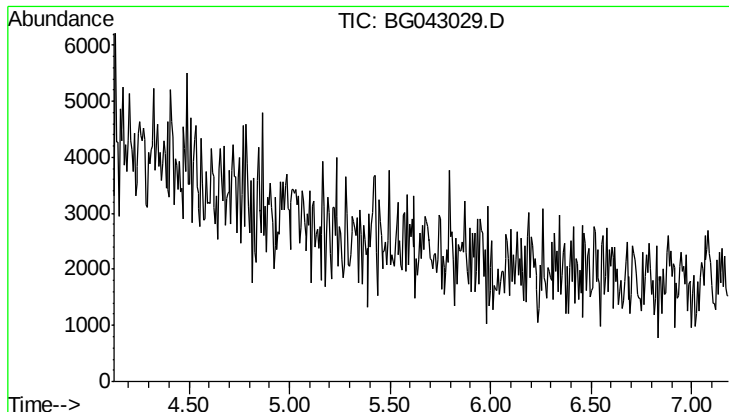


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.66 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

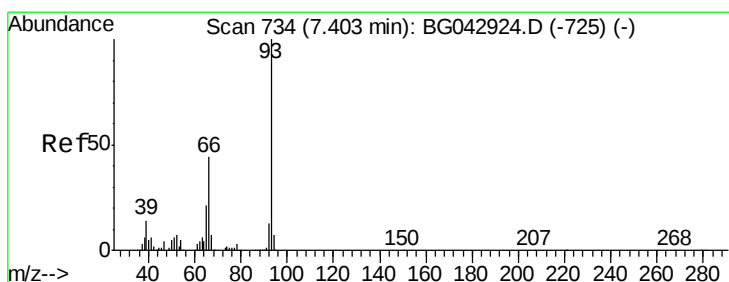
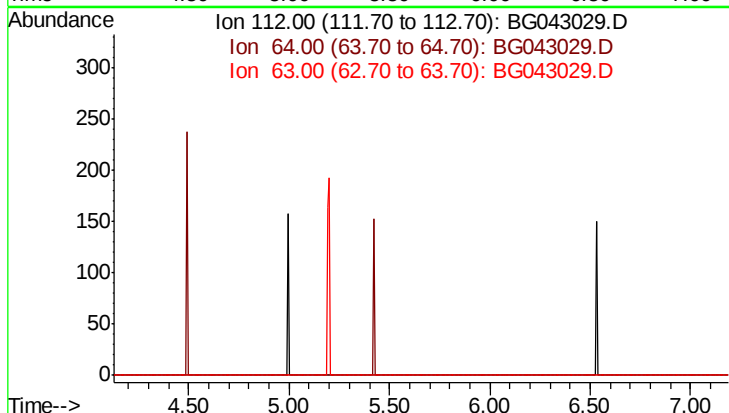
Tot Ion: 112

Sig Exp Ratio

112 100

64 70.7

63 43.9



#6

Aniline

Concen: 12.286 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.05 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

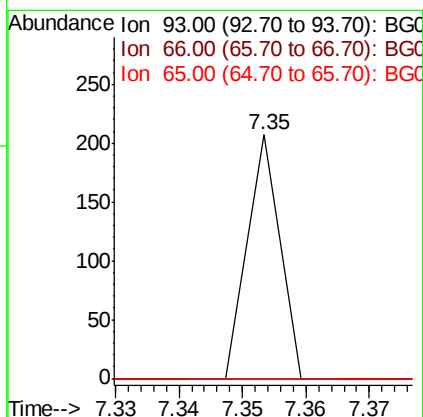
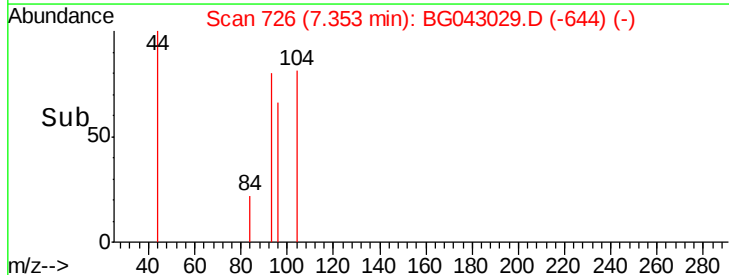
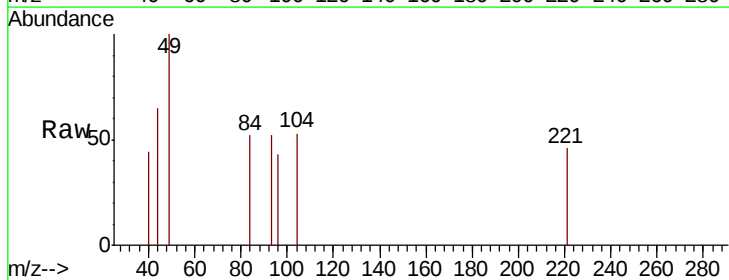
Tgt Ion: 93 Resp: 73

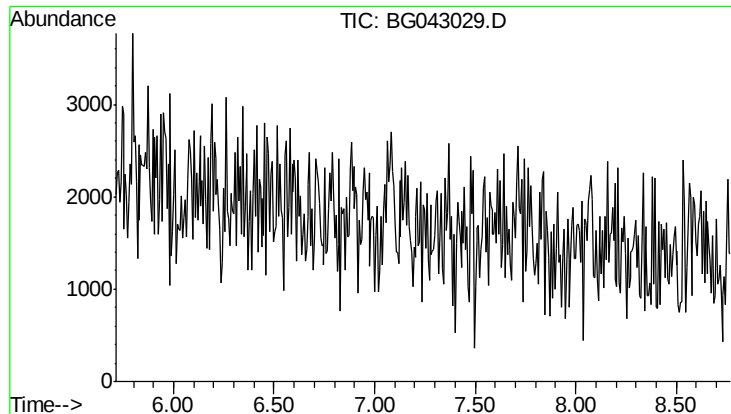
Ion Ratio Lower Upper

93 100

66 0.0 35.0 52.6#

65 0.0 17.4 26.0#





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.24 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

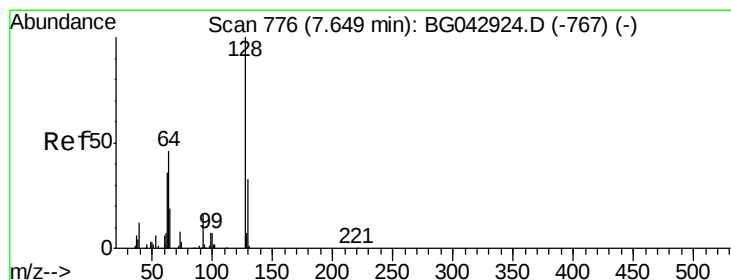
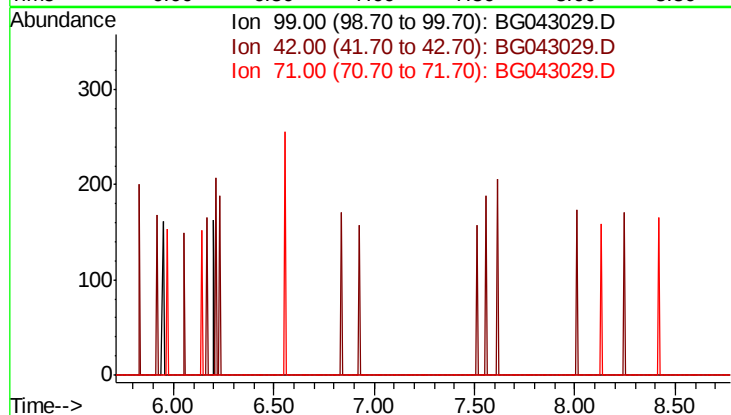
Tot Ion: 99

Sig Exp Ratio

99 100

42 21.5

71 41.4



#8

2-Chlorophenol

Concen: 15.429 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.14 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

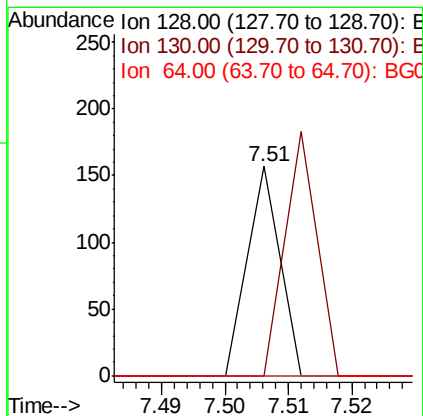
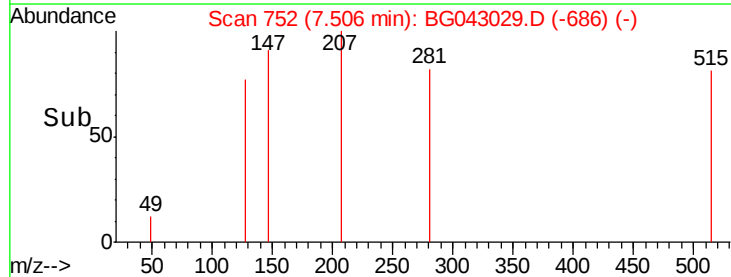
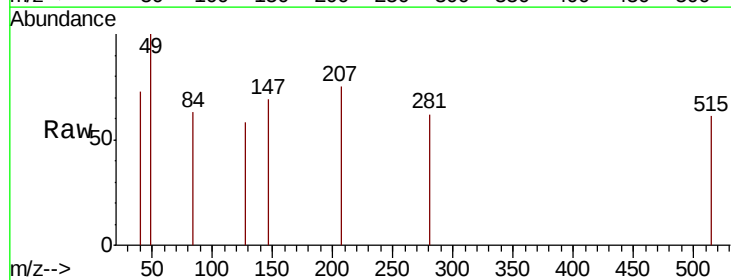
Tgt Ion:128 Resp: 55

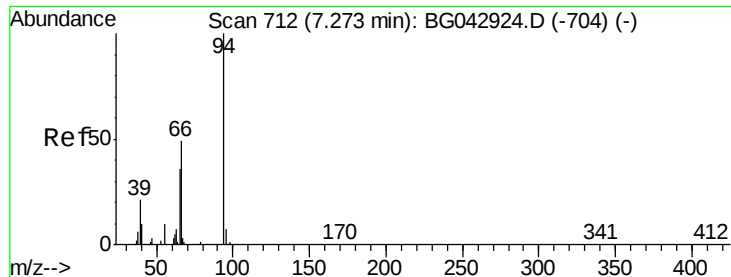
Ion Ratio Lower Upper

128 100

130 0.0 12.5 52.5#

64 0.0 32.8 72.8#





#10

Phenol

Concen: 11.957 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.11 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

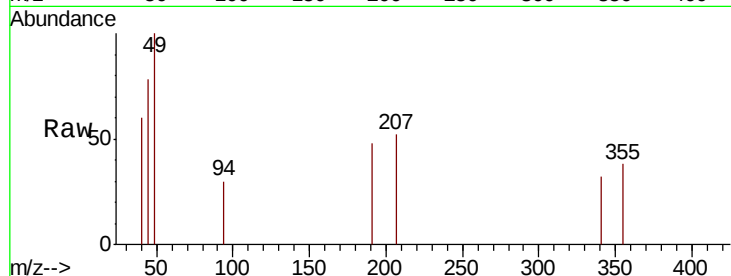
Tot Ion: 94 Resp: 54

Ion Ratio Lower Upper

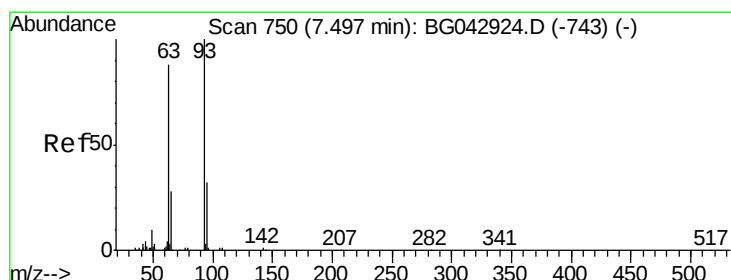
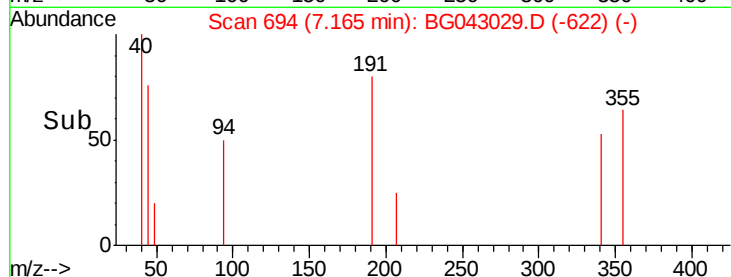
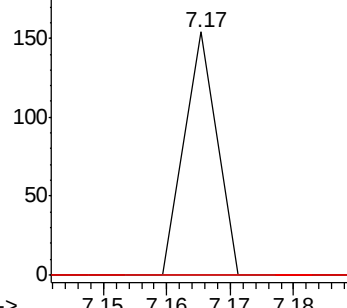
94 100

65 0.0 16.6 56.6#

66 0.0 32.4 72.4#



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: 20.892 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.14 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

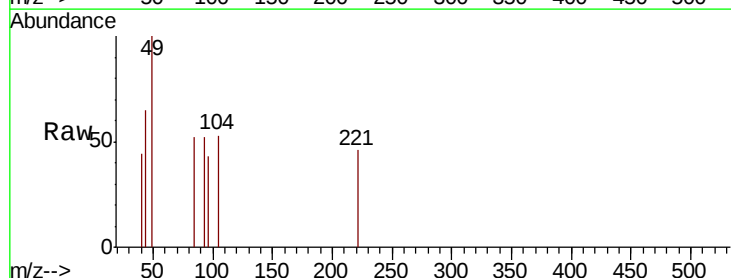
Tgt Ion: 93 Resp: 73

Ion Ratio Lower Upper

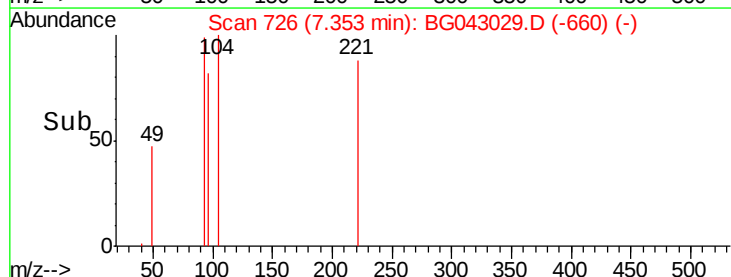
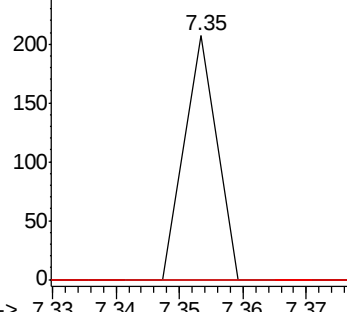
93 100

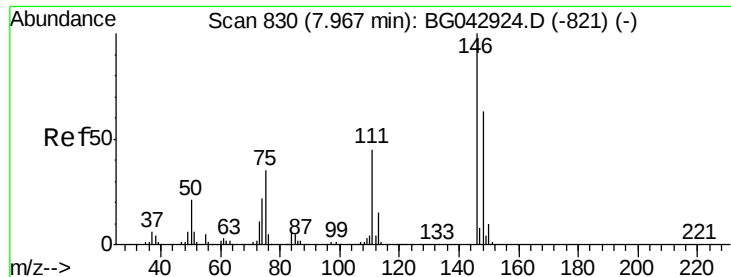
63 0.0 67.4 107.4#

95 0.0 11.9 51.9#



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: 13.854 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.29 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

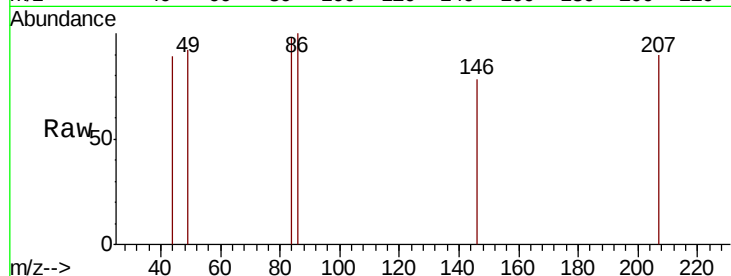
Tot Ion:146 Resp: 63

Ion Ratio Lower Upper

146 100

148 0.0 50.7 76.1#

75 0.0 27.7 41.5#

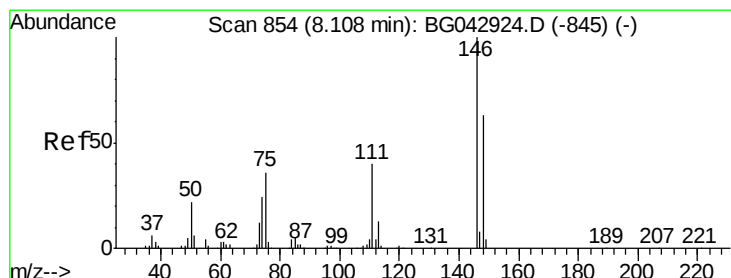
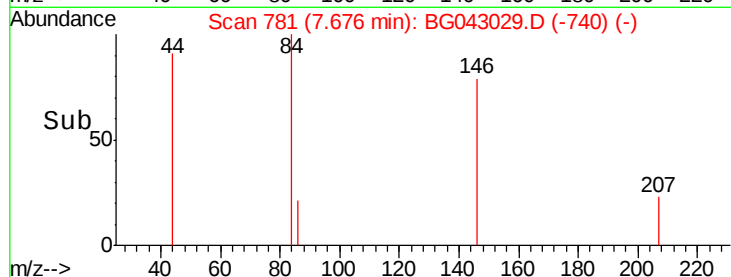
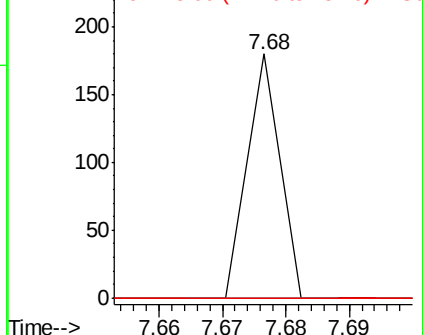


Abundance

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: 13.898 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.43 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

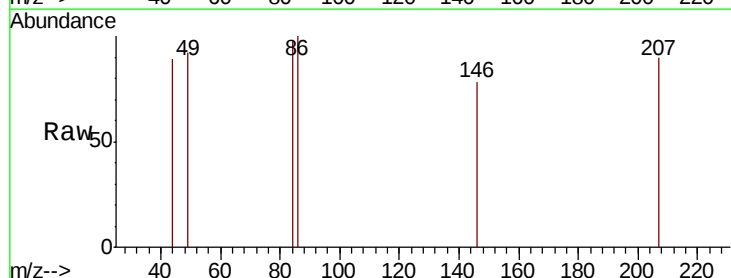
Tgt Ion:146 Resp: 63

Ion Ratio Lower Upper

146 100

148 0.0 50.9 76.3#

111 0.0 31.8 47.8#

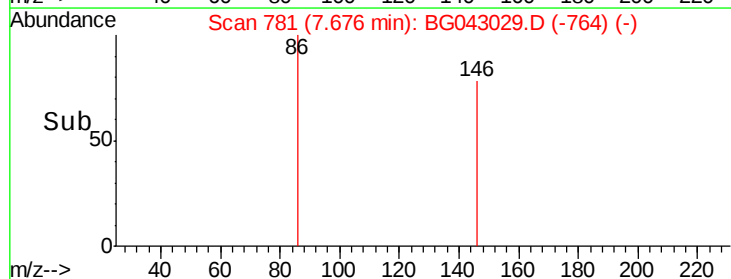
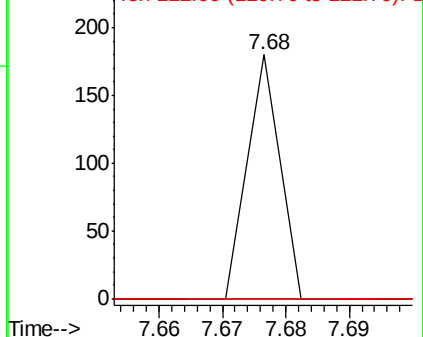


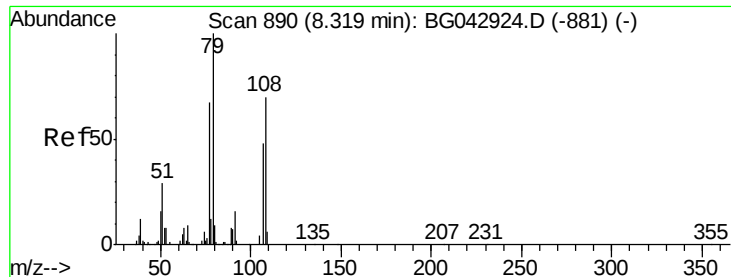
Abundance

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





#15

Benzyl Alcohol

Concen: 20.807 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.08 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampled :

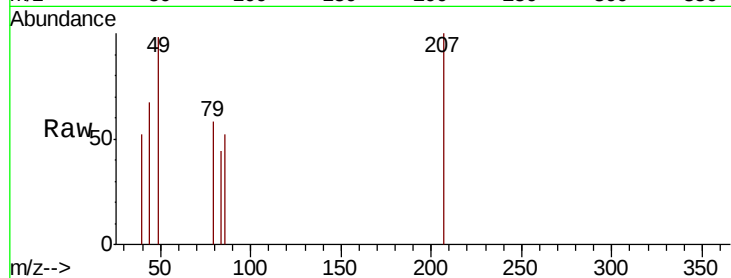
Tot Ion: 79 Resp: 77

Ion Ratio Lower Upper

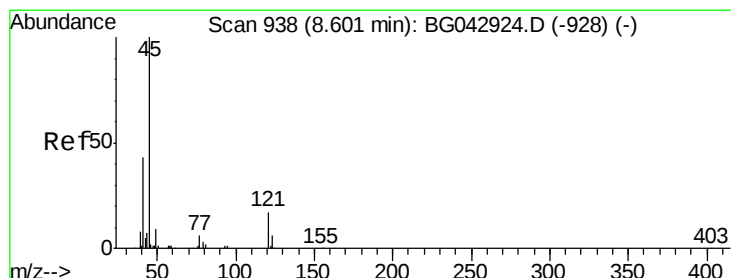
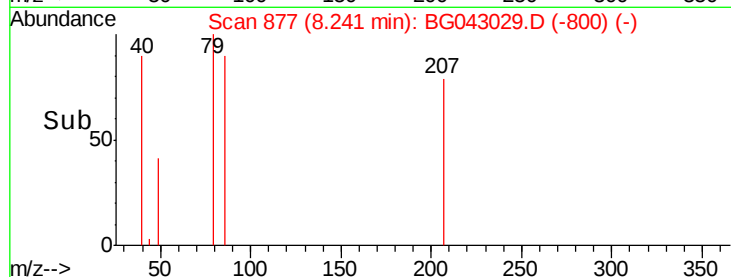
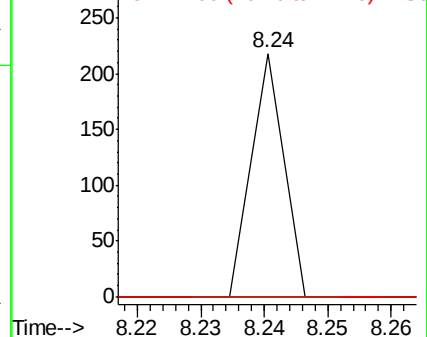
79 100

108 0.0 55.7 83.5#

77 0.0 53.3 79.9#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.581 ng

RT: 8.59 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

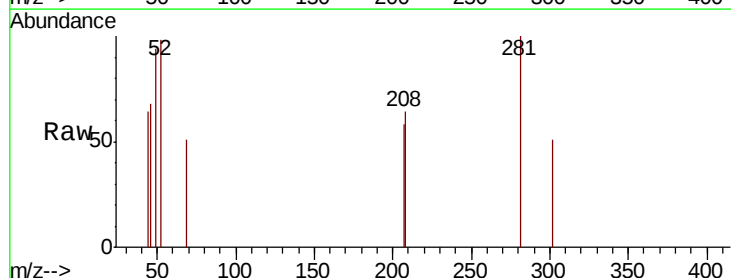
Tgt Ion: 45 Resp: 71

Ion Ratio Lower Upper

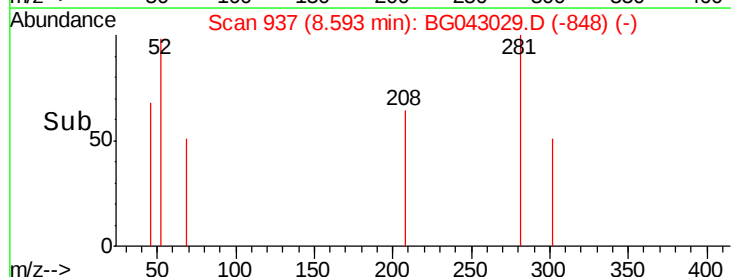
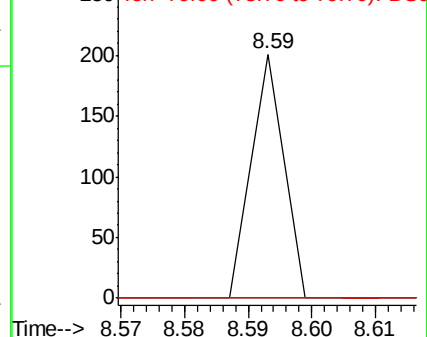
45 100

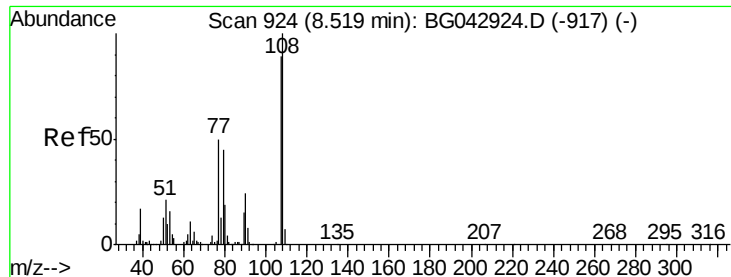
77 0.0 0.0 32.8

79 0.0 0.0 29.4



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





#17

2-Methylphenol

Concen: 22.469 ng

RT: 8.73 min Scan# 960

Delta R.T. 0.21 min

Lab File: BG043029.D

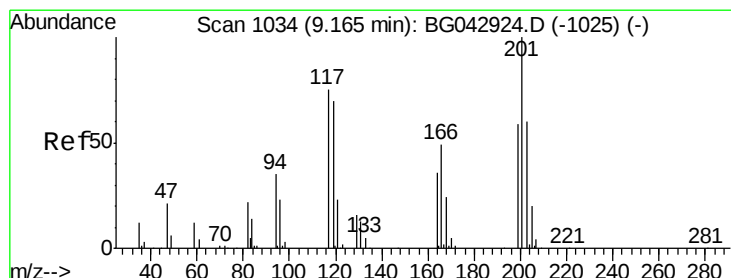
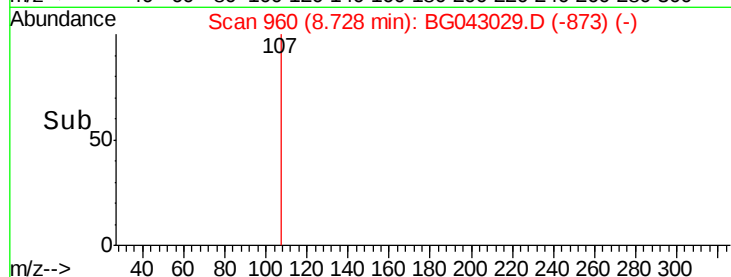
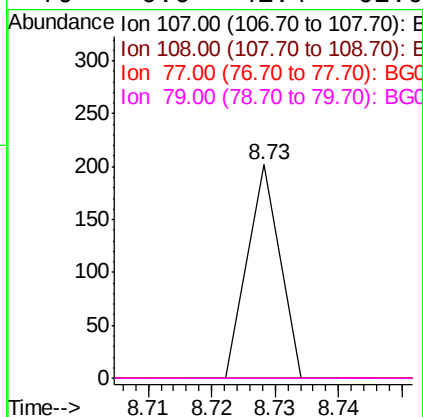
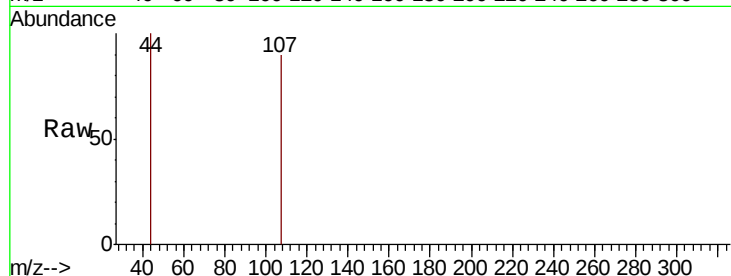
Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	71
Ion	Ratio	Lower	Upper
107	100		
108	0.0	89.9	134.9#
77	0.0	45.4	68.2#
79	0.0	41.4	62.0#



#18

Hexachloroethane

Concen: 35.145 ng

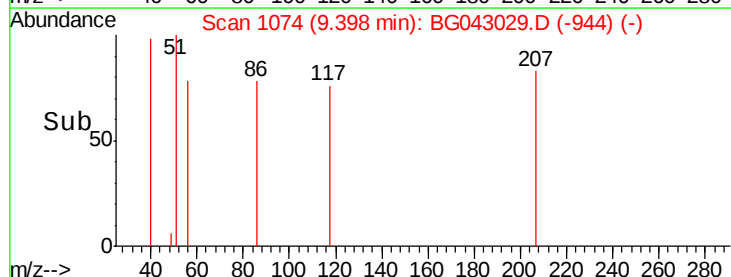
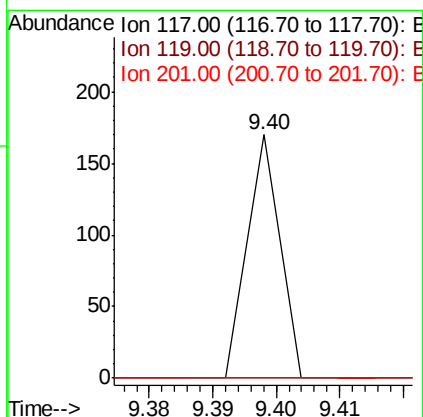
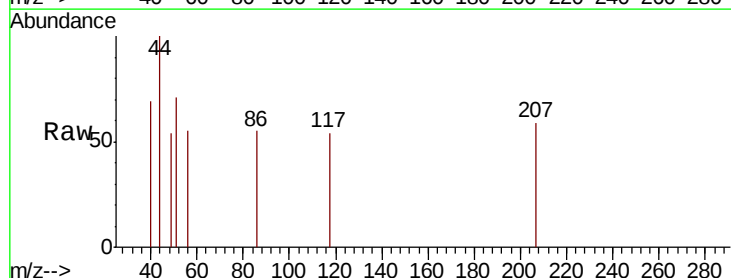
RT: 9.40 min Scan# 1074

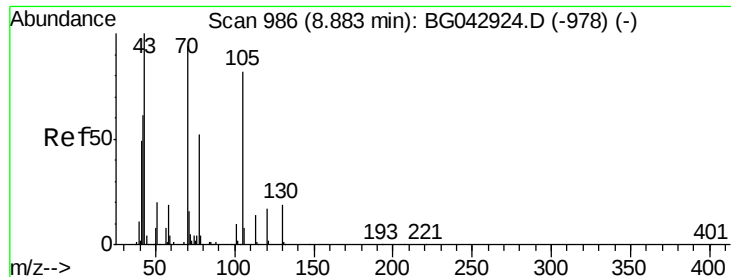
Delta R.T. 0.23 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Tgt Ion:	117	Resp:	60
Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.6	111.8#
201	0.0	106.0	159.0#





#19

n-Nitroso-di-n-propylamine

Concen: 16.398 ng

RT: 9.02 min Scan# 1010

Delta R.T. 0.14 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 53

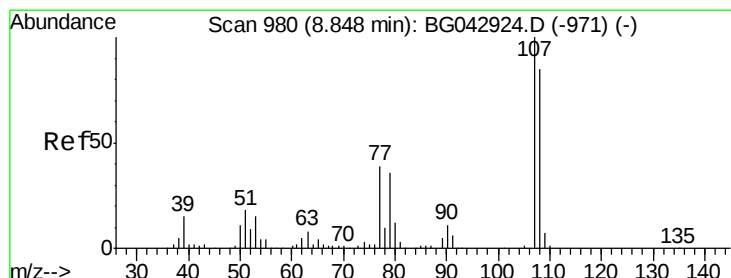
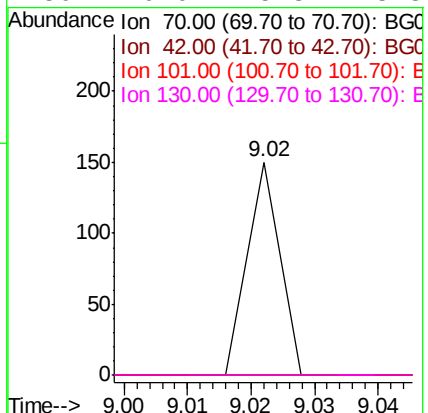
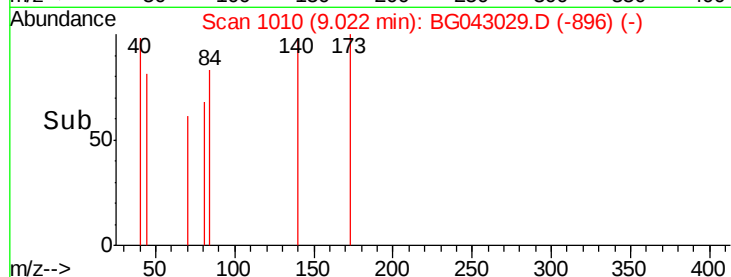
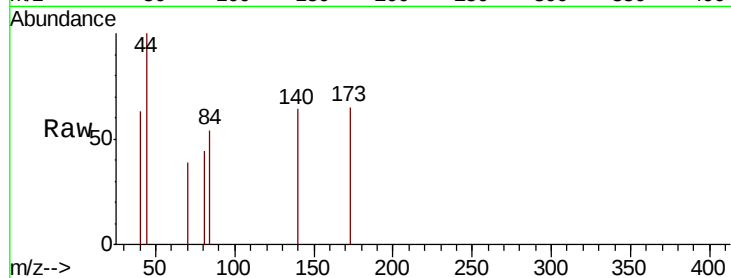
Ion Ratio Lower Upper

70 100

42 0.0 52.6 79.0#

101 0.0 8.7 13.1#

130 0.0 15.8 23.8#



#20

3+4-Methylphenols

Concen: 16.396 ng

RT: 8.73 min Scan# 960

Delta R.T. -0.12 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Tgt Ion: 107 Resp: 71

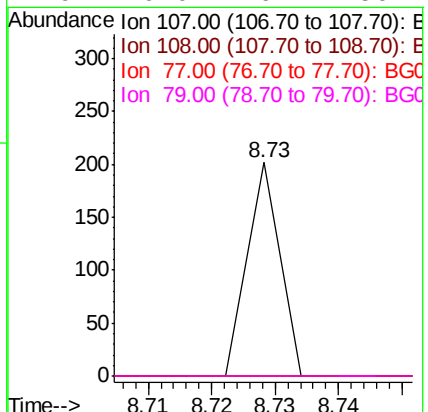
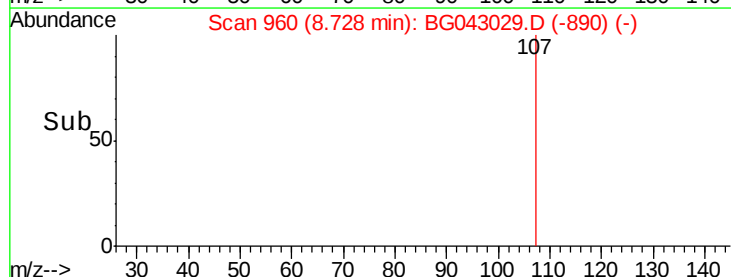
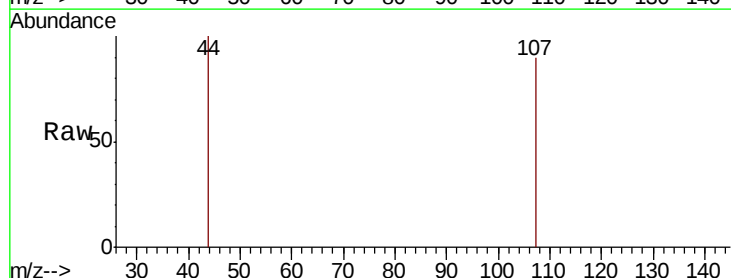
Ion Ratio Lower Upper

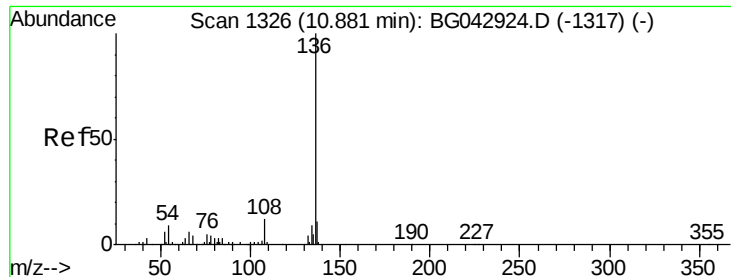
107 100

108 0.0 64.9 104.9#

77 0.0 19.4 59.4#

79 0.0 16.2 56.2#

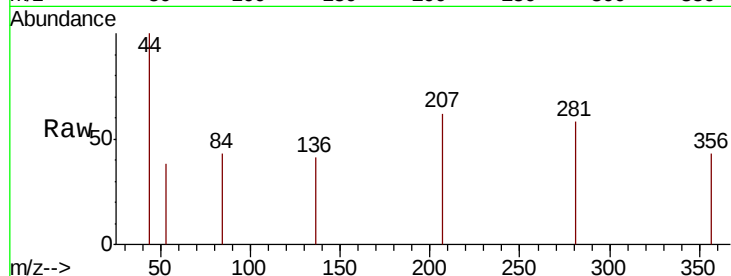




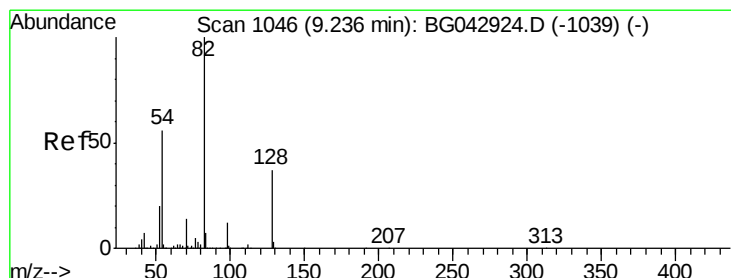
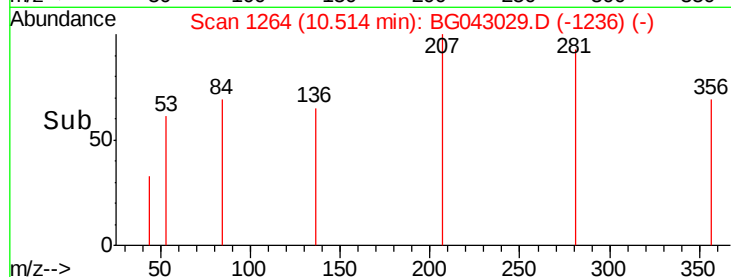
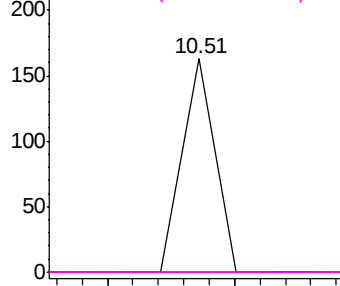
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1264
Delta R.T. -0.37 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	57
Ion	Ratio	Lower	Upper
136	100		
137	0.0	8.5	12.7#
54	0.0	7.4	11.2#
68	0.0	3.6	5.4#

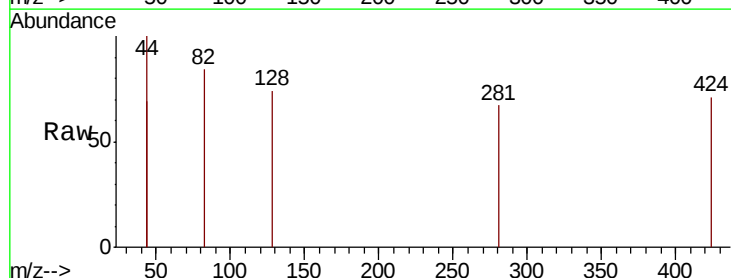


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

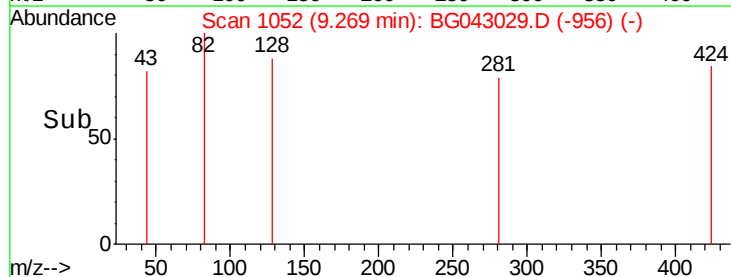
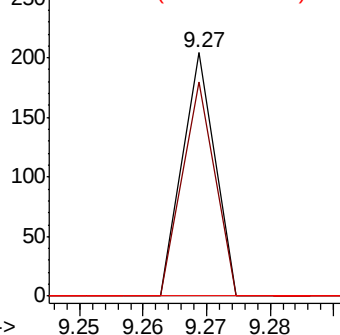


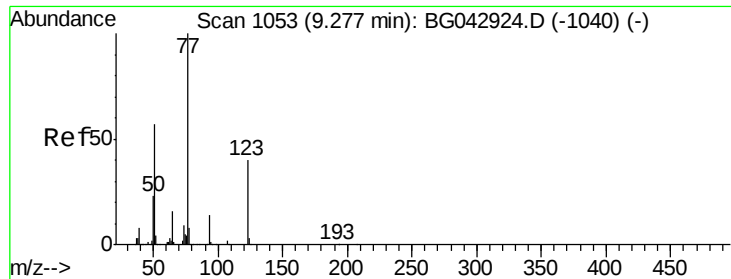
#23
Nitrobenzene-d5
Concen: 61.396 ng
RT: 9.27 min Scan# 1052
Delta R.T. 0.03 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

Tgt Ion:	82	Resp:	72
Ion	Ratio	Lower	Upper
82	100		
128	88.2	29.5	44.3#
54	0.0	44.6	67.0#



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

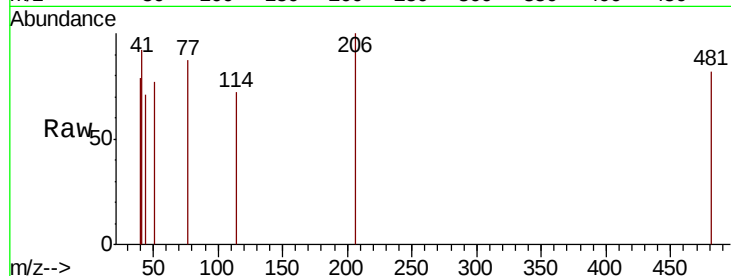




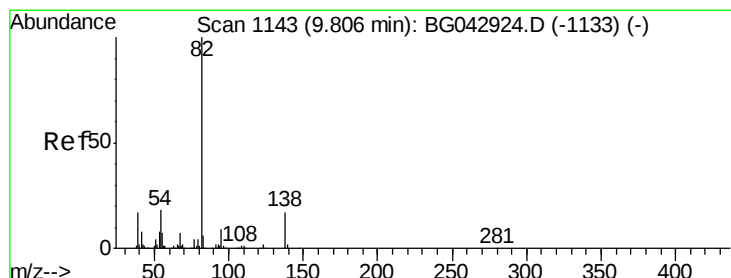
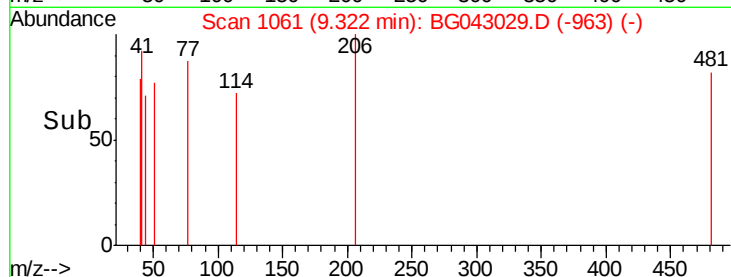
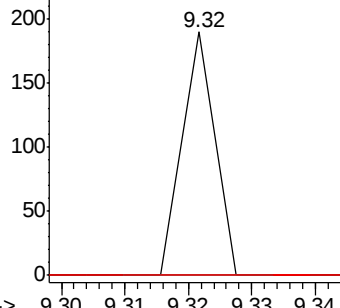
#24
 Nitrobenzene
 Concen: 59.897 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. 0.04 min
 Lab File: BG043029.D
 Acq: 4 Oct 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 77 Resp: 67
 Ion Ratio Lower Upper
 77 100
 123 0.0 31.9 47.9#
 65 0.0 12.4 18.6#

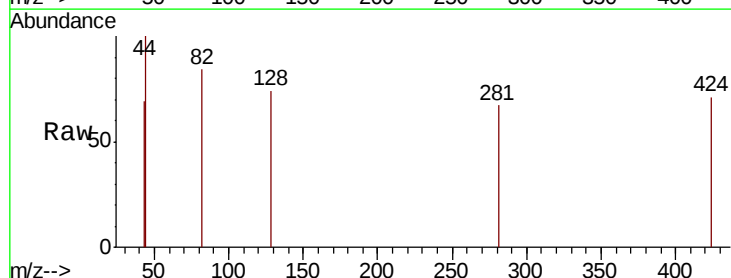


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

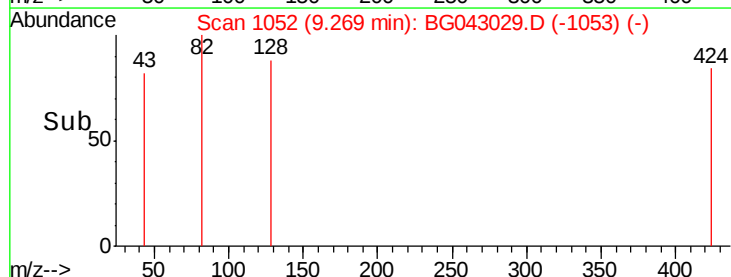
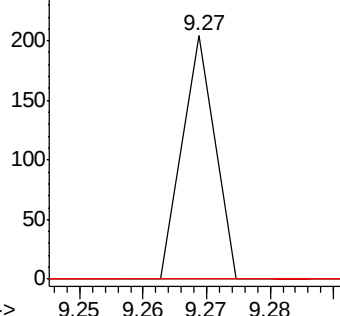


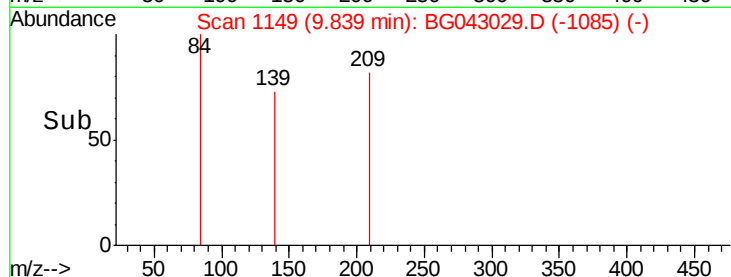
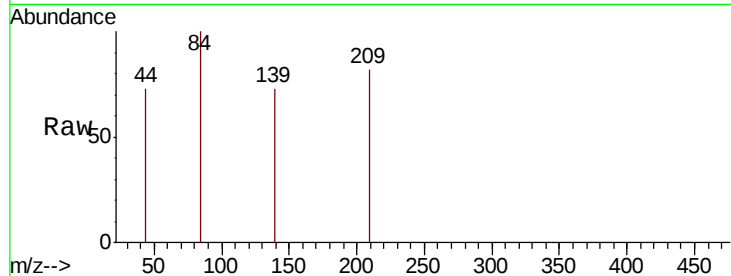
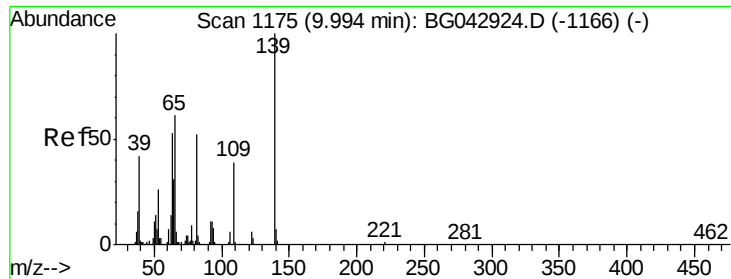
#25
 Isophorone
 Concen: 34.953 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.54 min
 Lab File: BG043029.D
 Acq: 4 Oct 2019 15:44

Tgt Ion: 82 Resp: 72
 Ion Ratio Lower Upper
 82 100
 95 0.0 7.0 10.4#
 138 0.0 13.8 20.6#



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

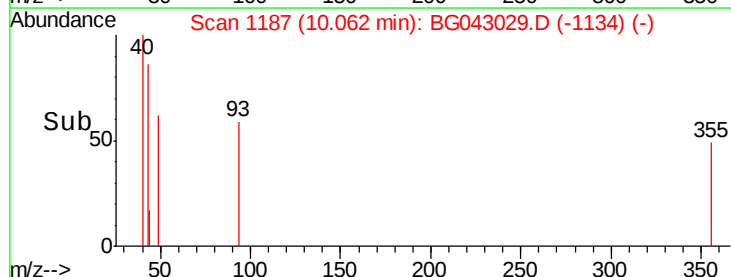
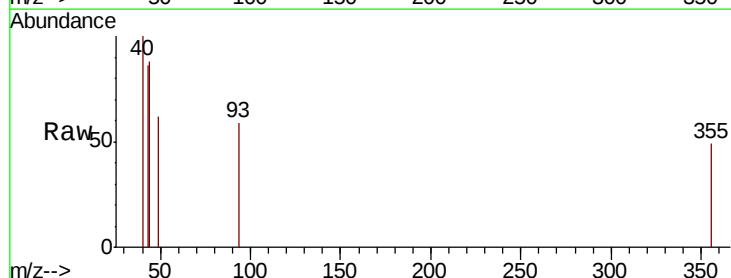
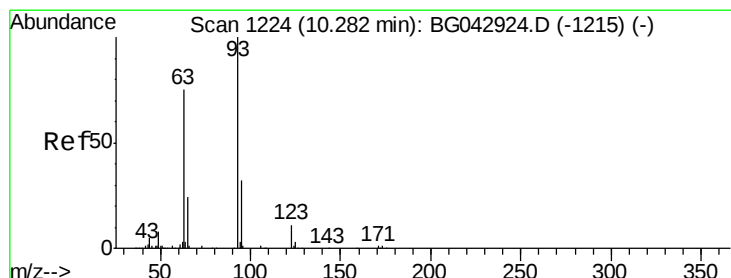
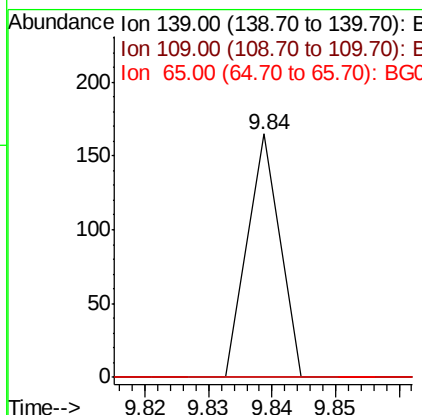




#26
2-Nitrophenol
Concen: 121.802 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.16 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

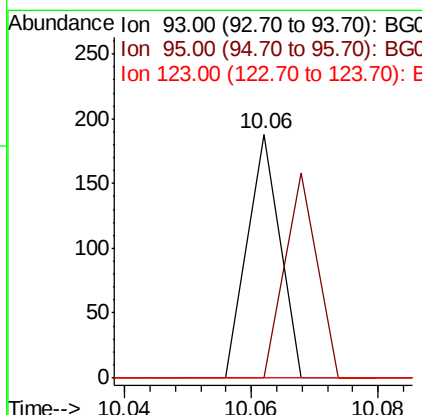
Instrument :
BNA_G
ClientSampled :

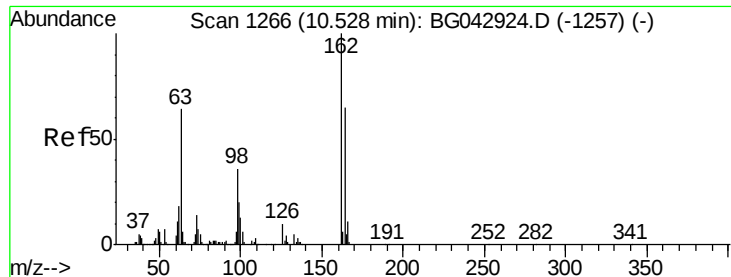
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	31.0	46.6#
65	0.0	48.4	72.6#



#28
bis(2-Chloroethoxy)methane
Concen: 56.472 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.22 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	0.0	25.4	38.0#
123	0.0	9.3	13.9#





#29

2,4-Dichlorophenol

Concen: 60.473 ng

RT: 10.63 min Scan# 1283

Delta R.T. 0.10 min

Lab File: BG043029.D

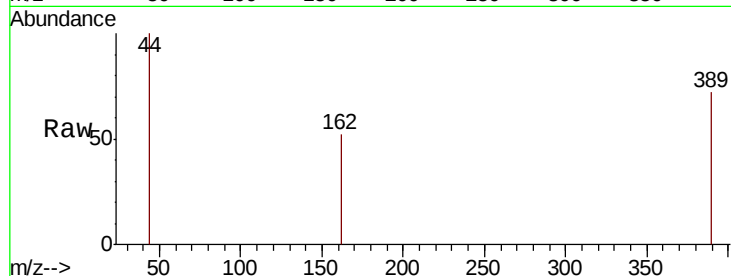
Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	162	Resp:	55
Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.7	84.7#
98	0.0	16.0	56.0#

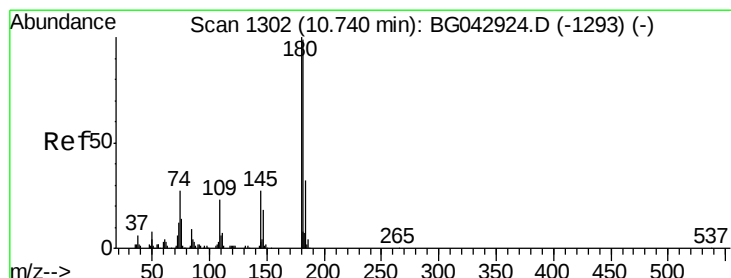
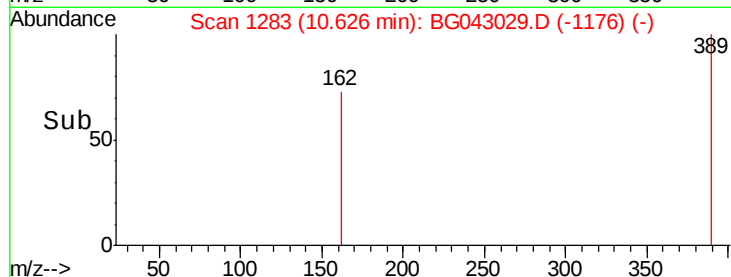
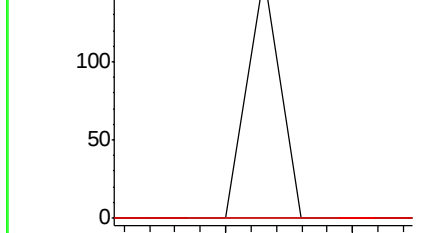


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC

10.63



#30

1,2,4-Trichlorobenzene

Concen: 55.343 ng

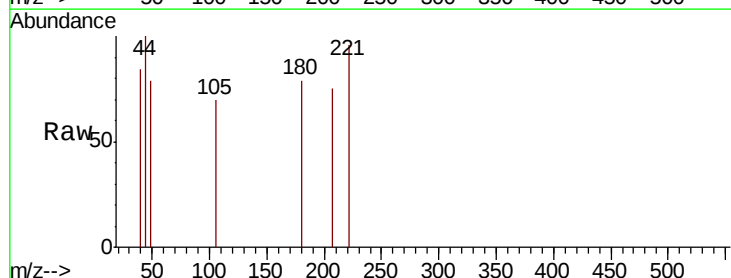
RT: 9.96 min Scan# 1169

Delta R.T. -0.78 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Tgt Ion:	180	Resp:	65
Ion	Ratio	Lower	Upper
180	100		
182	0.0	79.3	118.9#
145	0.0	22.0	33.0#

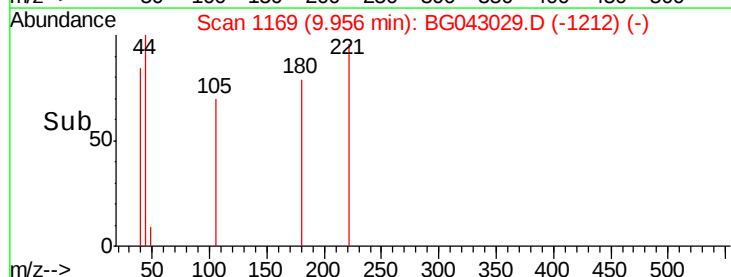
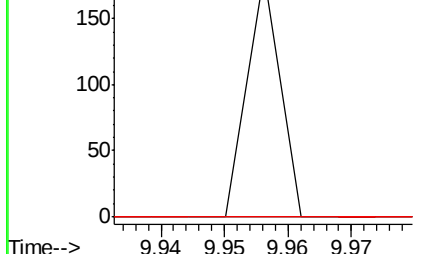


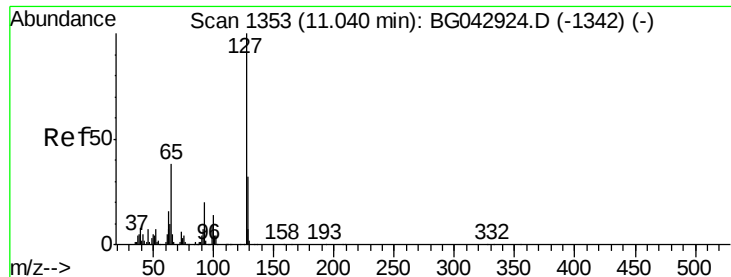
Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

9.96

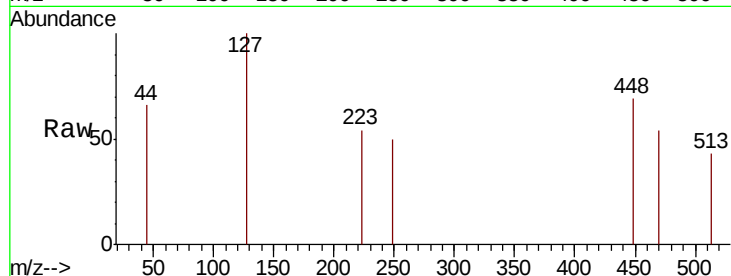




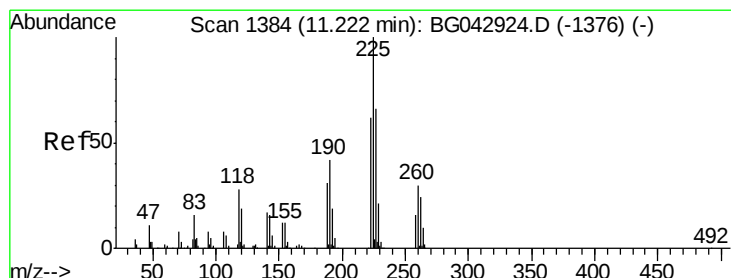
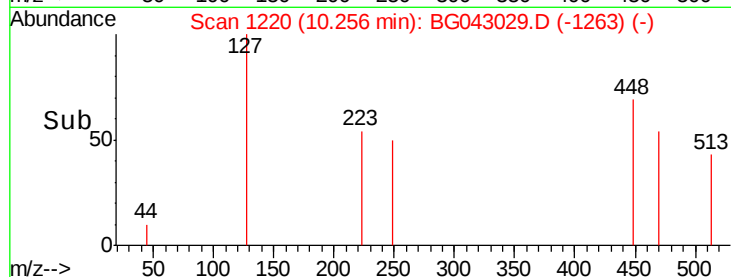
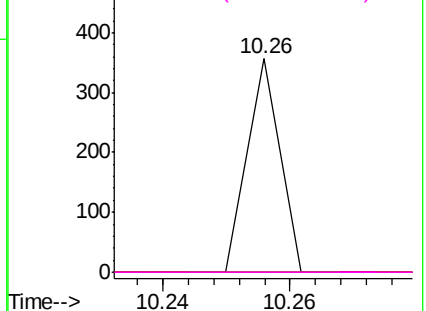
#33
 4-Chloroaniline
 Concen: 103.486 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.78 min
 Lab File: BG043029.D
 Acq: 4 Oct 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	126
Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.2	39.2#
65	0.0	30.6	45.8#
92	0.0	16.2	24.4#

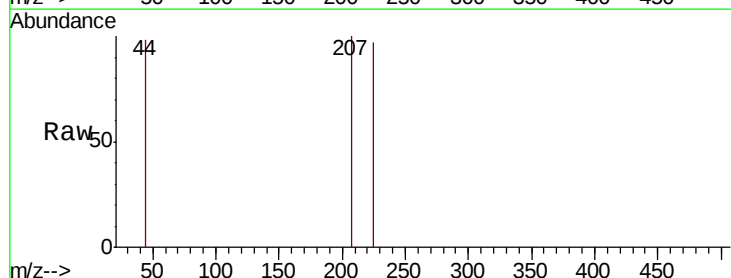


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

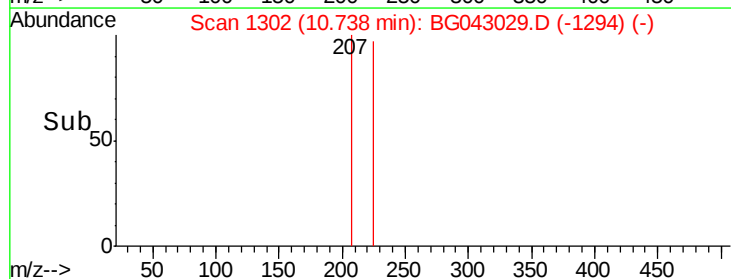
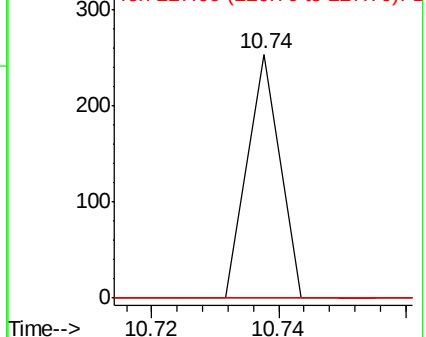


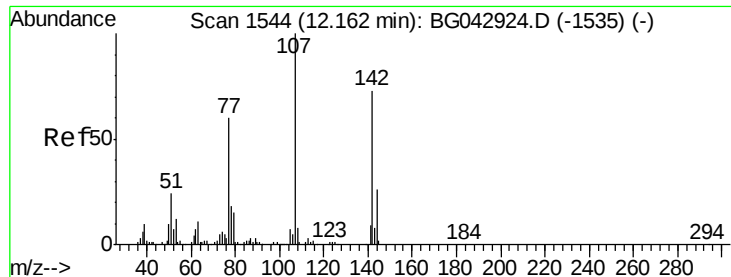
#34
 Hexachlorobutadiene
 Concen: 101.204 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.48 min
 Lab File: BG043029.D
 Acq: 4 Oct 2019 15:44

Tgt Ion:	225	Resp:	89
Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.3	73.9#
227	0.0	52.8	79.2#



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

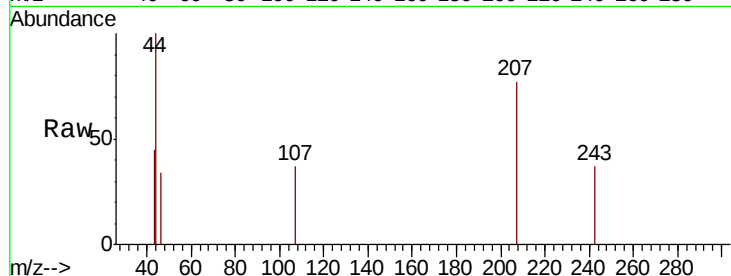




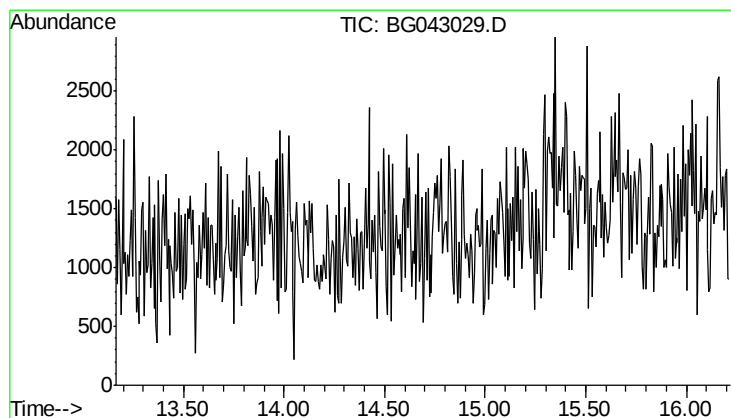
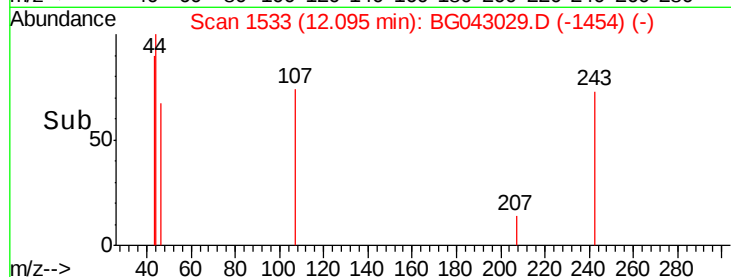
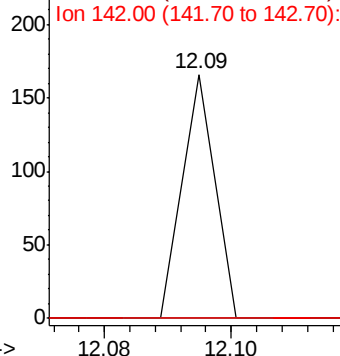
#36
4-Chloro-3-methylphenol
Concen: 59.663 ng
RT: 12.09 min Scan# 1533
Delta R.T. -0.07 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

Instrument :
BNA_G
ClientSampled :

Tot Ion: 107 Resp: 59
Ion Ratio Lower Upper
107 100
144 0.0 20.7 31.1#
142 0.0 58.6 87.8#



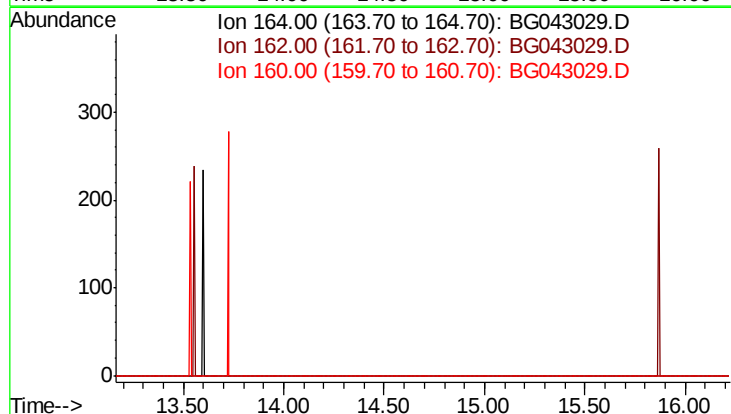
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

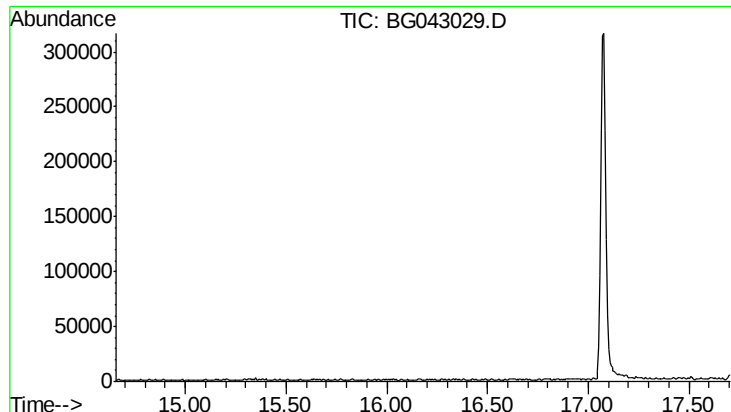


#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.69 min

Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

Tgt Ion: 164
Sig Exp Ratio
164 100
162 98.1
160 44.9

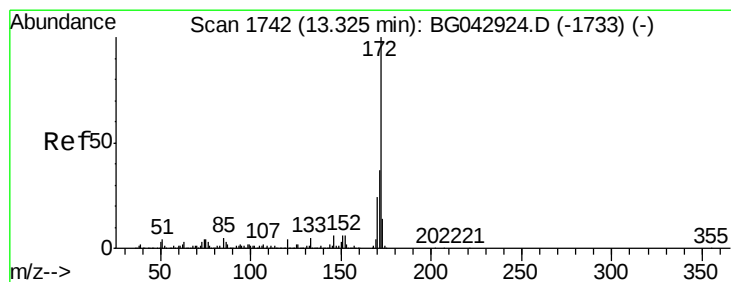
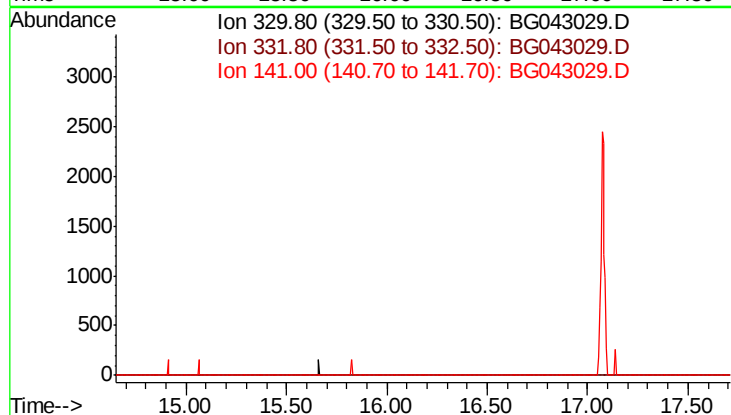




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.18 min
 Lab File: BG043029.D
 Acq: 4 Oct 2019 15:44

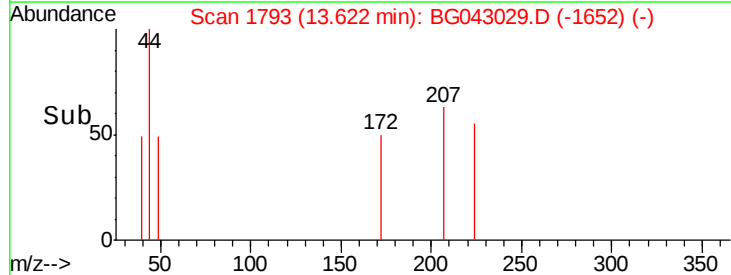
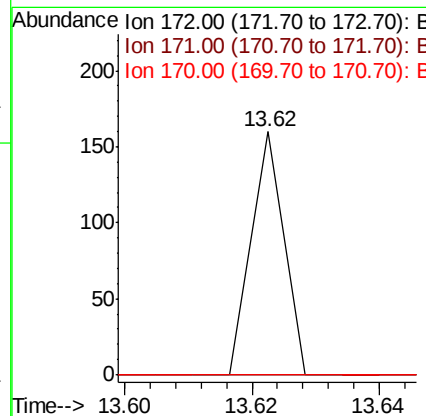
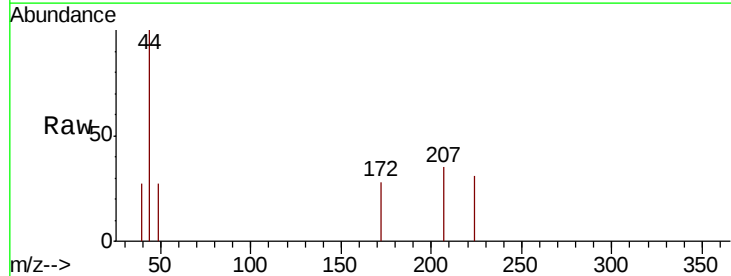
Instrument :
 BNA_G
 ClientSampleId :

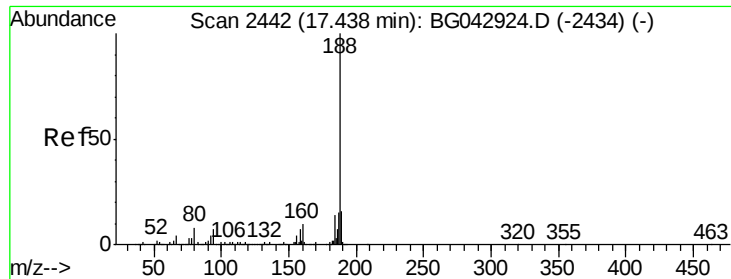
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 97.7
 141 32.5



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.30 min
 Lab File: BG043029.D
 Acq: 4 Oct 2019 15:44

Tgt Ion: 172 Resp: 56
 Ion Ratio Lower Upper
 172 100
 171 0.0 29.6 44.4#
 170 0.0 19.6 29.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

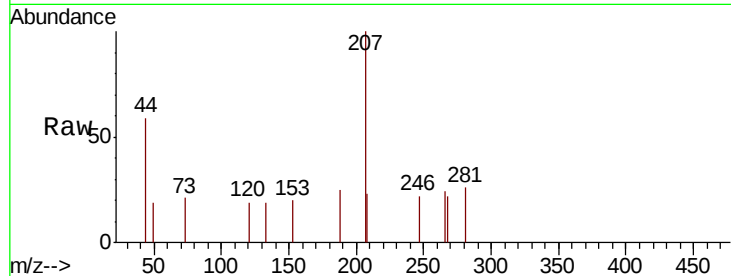
Tot Ion:188 Resp: 75

Ion Ratio Lower Upper

188 100

94 0.0 5.7 8.5#

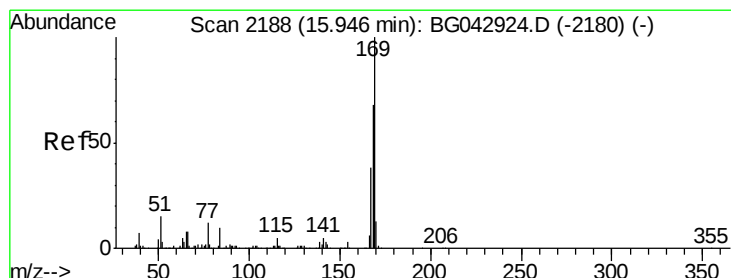
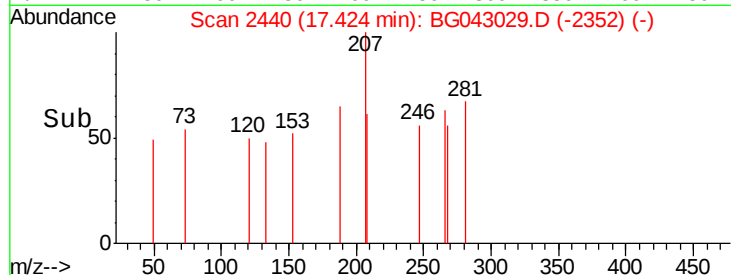
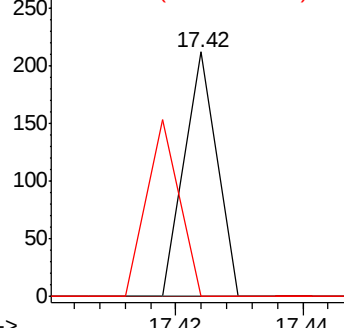
80 0.0 6.5 9.7#



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



#66

n-Nitrosodiphenylamine

Concen: 40.911 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.04 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

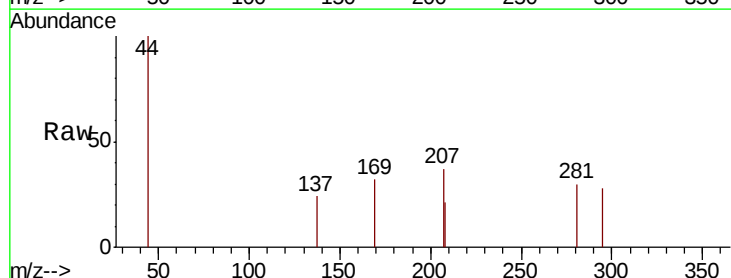
Tgt Ion:169 Resp: 81

Ion Ratio Lower Upper

169 100

168 0.0 54.8 82.2#

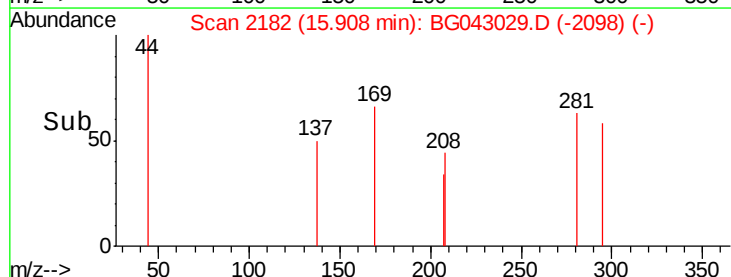
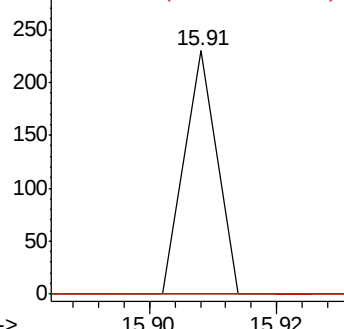
167 0.0 30.6 46.0#

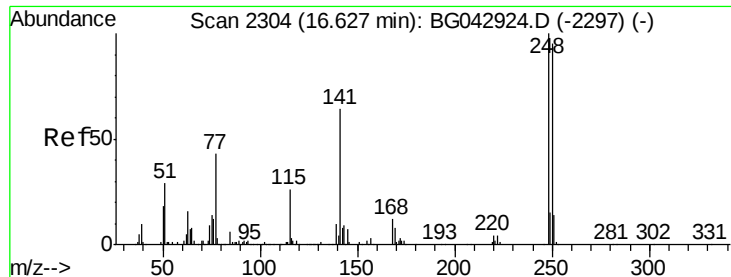


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

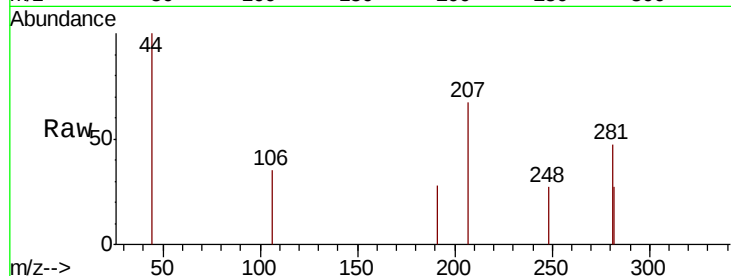




#67
4-Bromophenyl-phenylether
Concen: 56.304 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

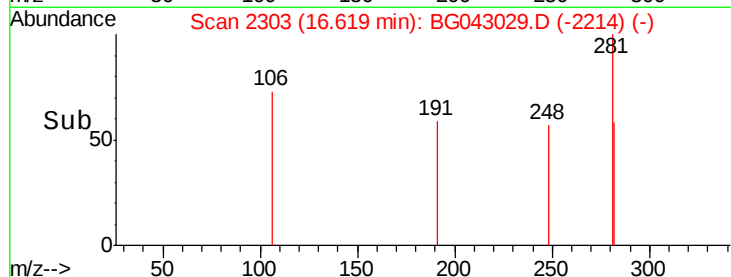
Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 53
Ion Ratio Lower Upper
248 100
250 0.0 75.8 113.8#
141 0.0 51.1 76.7#

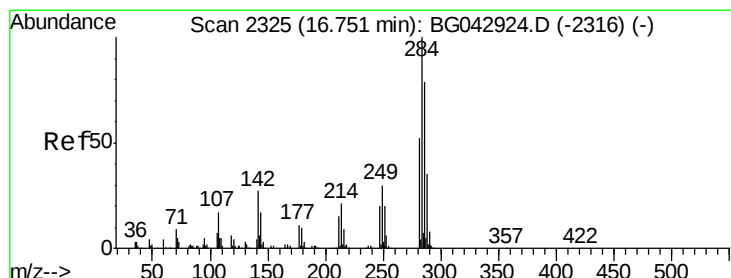


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

16.62

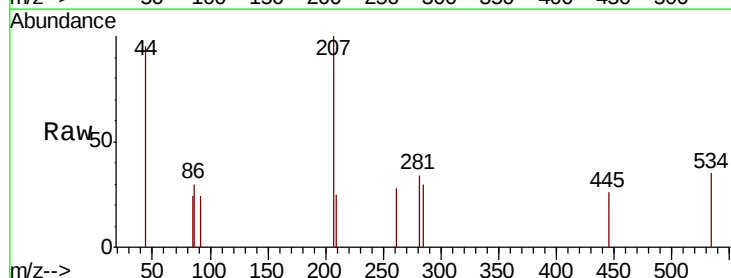


Time-->



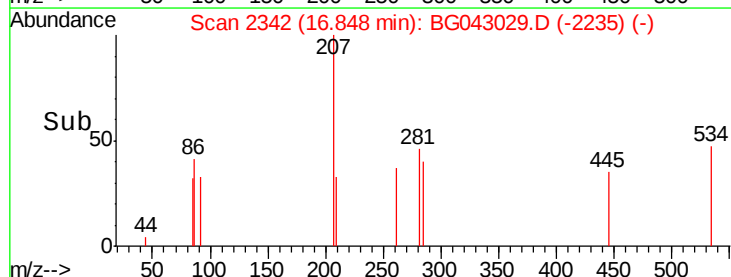
#68
Hexachlorobenzene
Concen: 63.925 ng
RT: 16.85 min Scan# 2342
Delta R.T. 0.10 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

Tgt Ion:284 Resp: 67
Ion Ratio Lower Upper
284 100
142 0.0 21.6 32.4#
249 0.0 24.1 36.1#

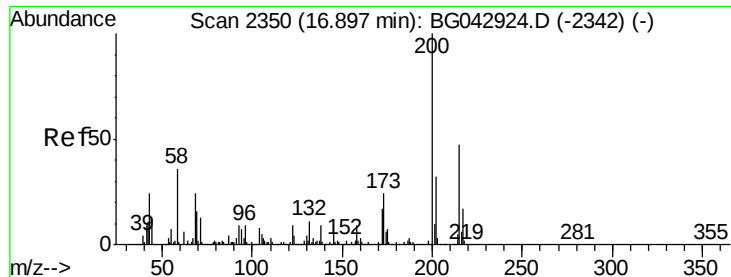


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

16.85



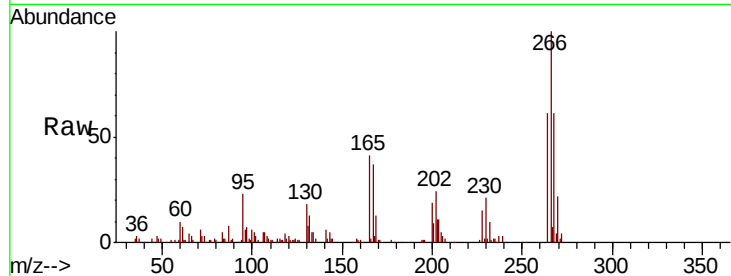
Time-->



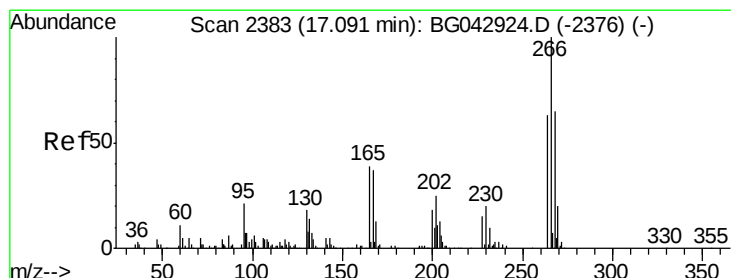
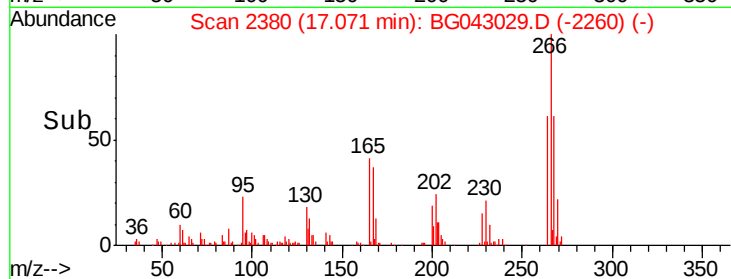
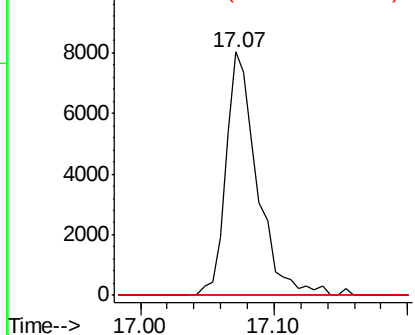
#69
Atrazine
Concen: 15652.606 ng
RT: 17.07 min Scan# 2380
Delta R.T. 0.17 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 13050
Ion Ratio Lower Upper
200 100
173 0.0 4.0 44.0#
215 0.0 27.4 67.4#

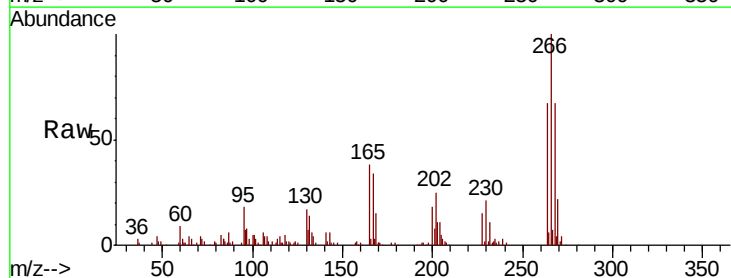


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

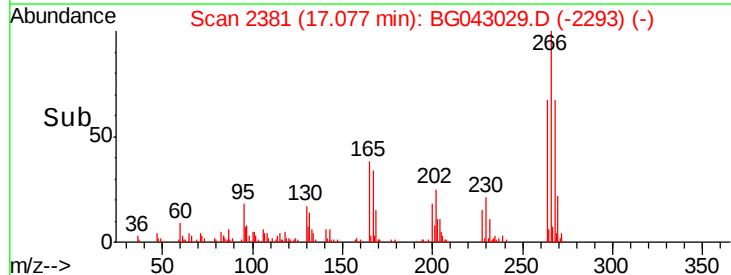
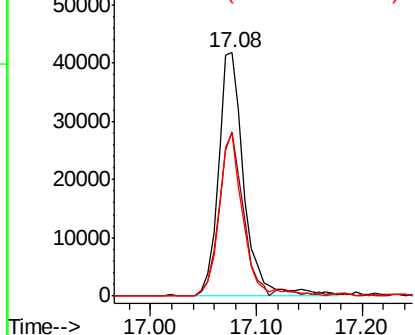


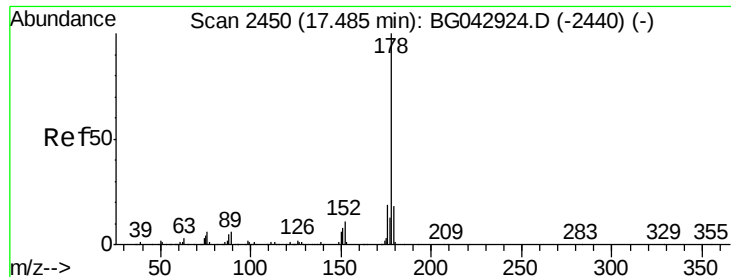
#70
Pentachlorophenol
Concen: 116533.721 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

Tgt Ion:266 Resp: 70477
Ion Ratio Lower Upper
266 100
268 67.2 52.2 78.2
264 66.8 50.7 76.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.790 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampled :

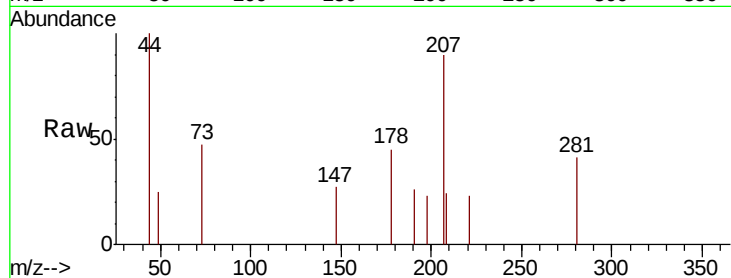
Tot Ion:178 Resp: 164

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

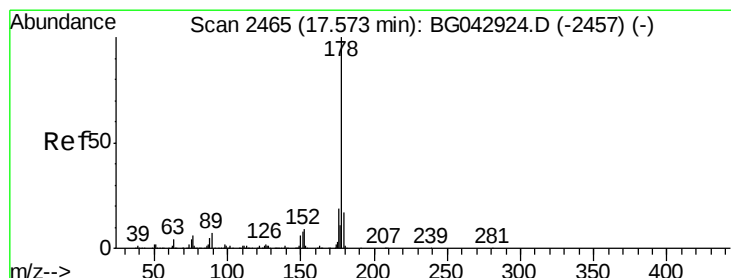
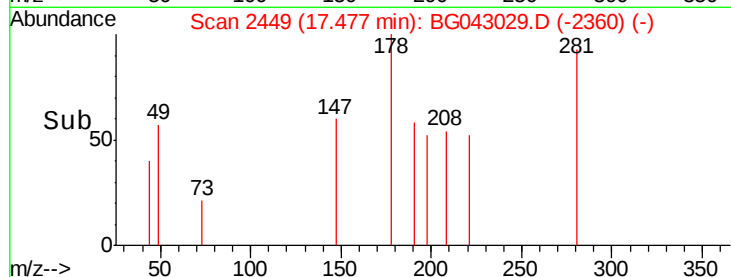
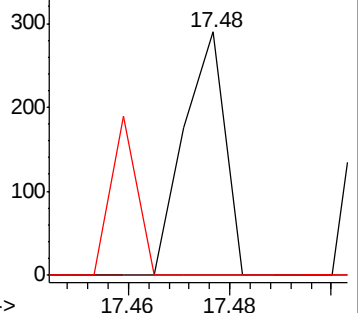
179 0.0 14.1 21.1#



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: 92.194 ng

RT: 17.56 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

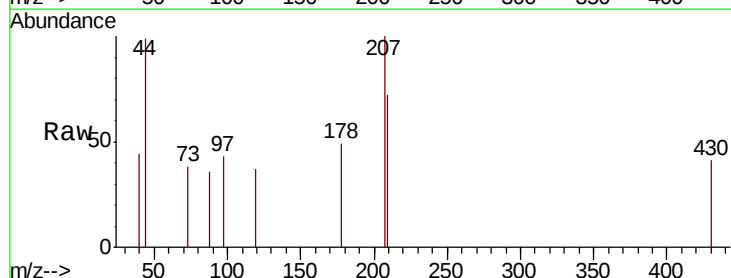
Tgt Ion:178 Resp: 337

Ion Ratio Lower Upper

178 100

176 0.0 15.5 23.3#

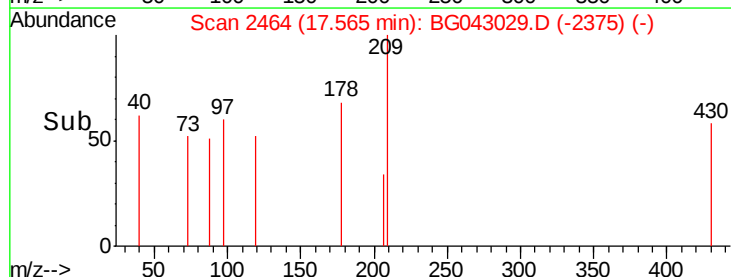
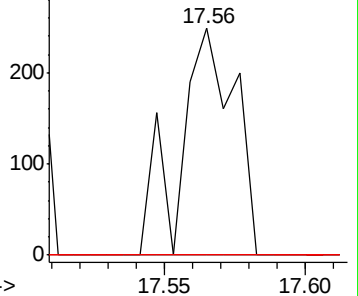
179 0.0 13.5 20.3#

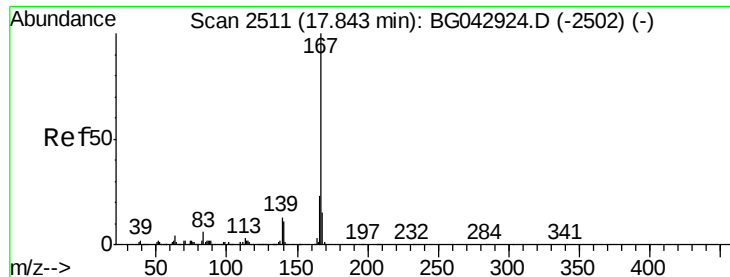


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

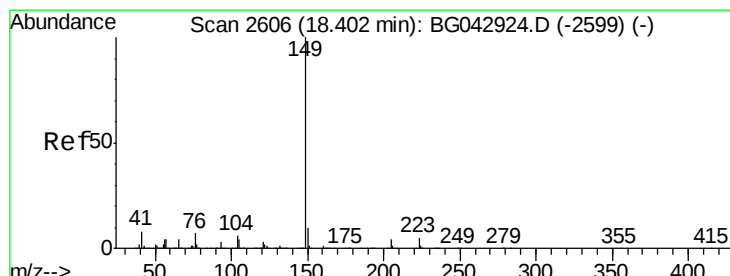
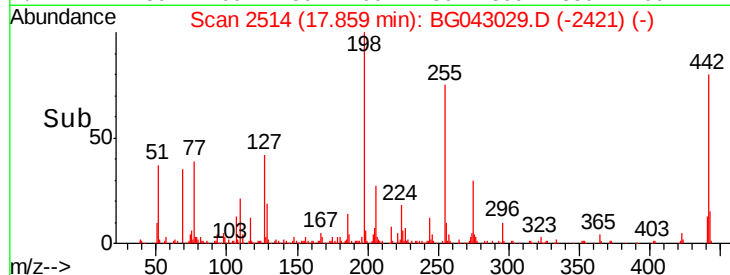
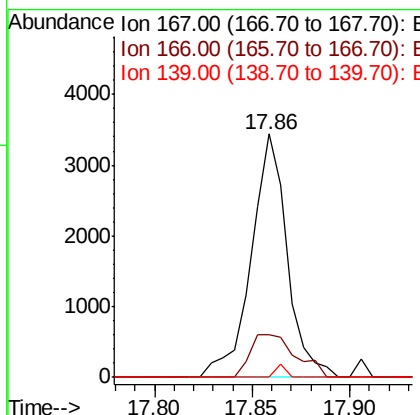
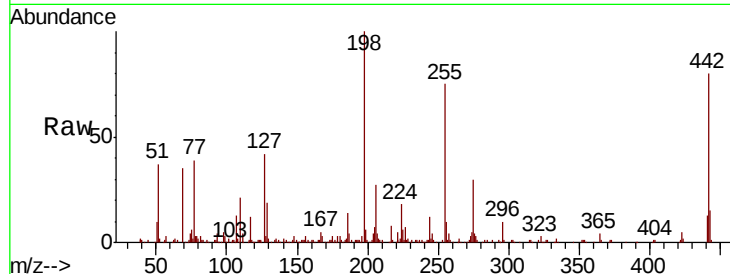




#73
 Carbazole
 Concen: 1292.446 ng
 RT: 17.86 min Scan# 2514
 Delta R.T. 0.02 min
 Lab File: BG043029.D
 Acq: 4 Oct 2019 15:44

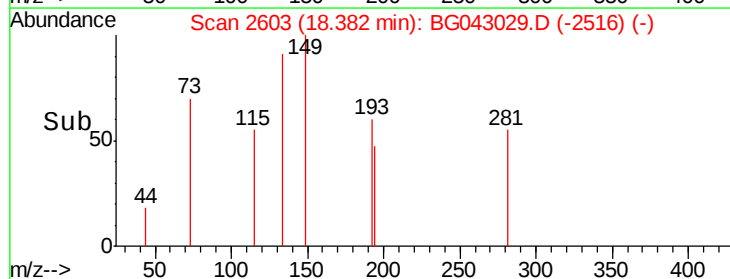
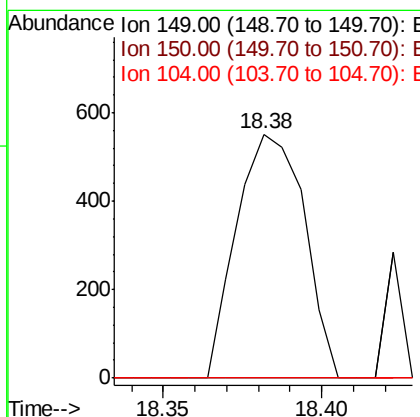
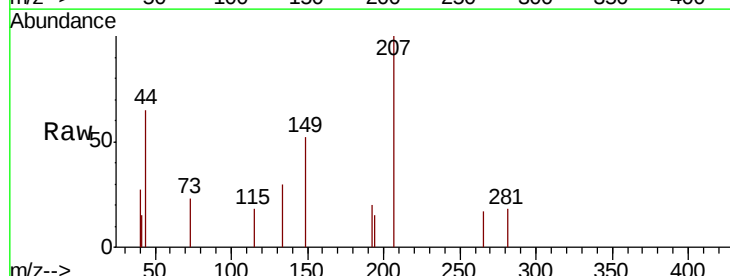
Instrument :
 BNA_G
 ClientSampleId :

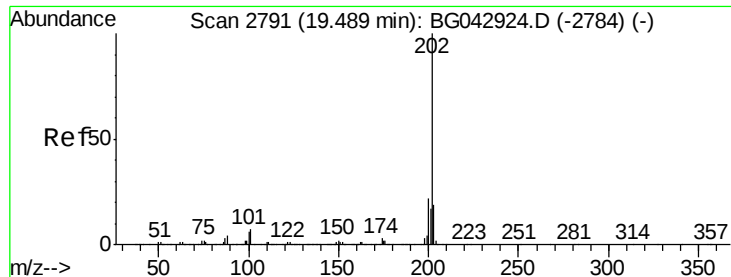
Tot Ion:167 Resp: 4381
 Ion Ratio Lower Upper
 167 100
 166 17.3 18.6 28.0#
 139 0.0 10.8 16.2#



#74
 Di-n-butylphthalate
 Concen: 201.765 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043029.D
 Acq: 4 Oct 2019 15:44

Tgt Ion:149 Resp: 816
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.7 11.5#
 104 0.0 5.0 7.6#





#75

Fluoranthene

Concen: 231.467 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG043029.D

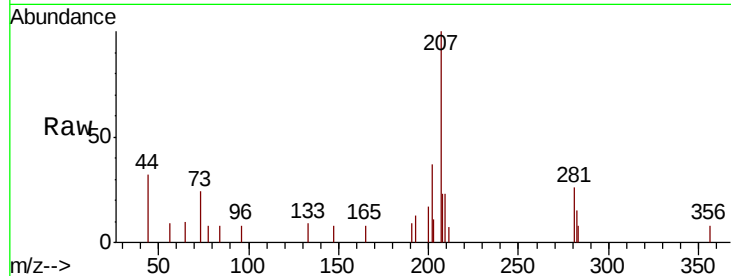
Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

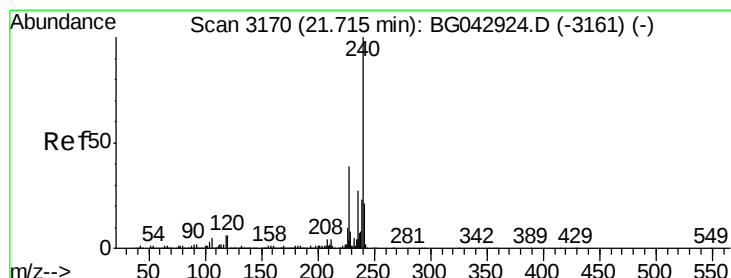
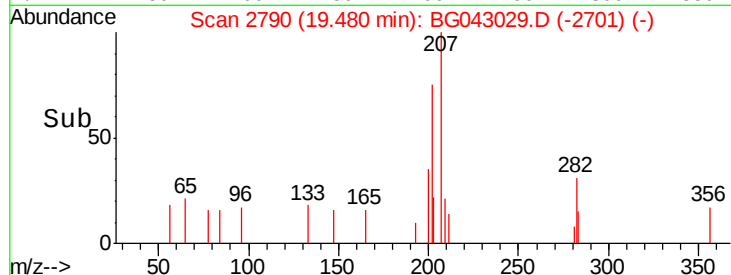
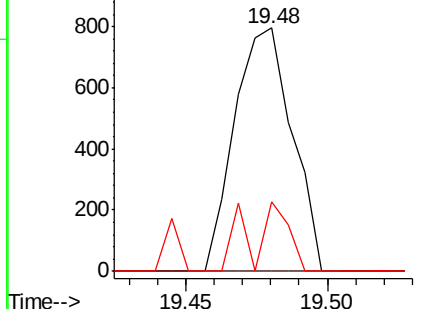
Tot Ion:	202	Resp:	1121
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	27.3
203	28.8	0.0	39.5



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

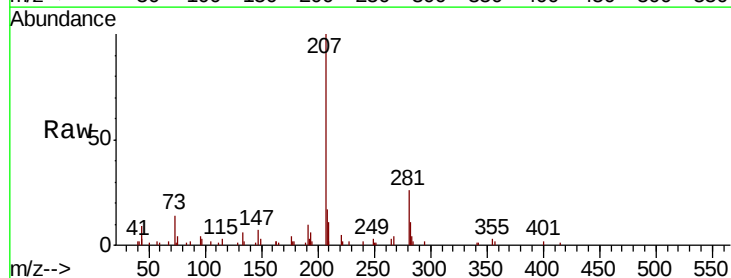
RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

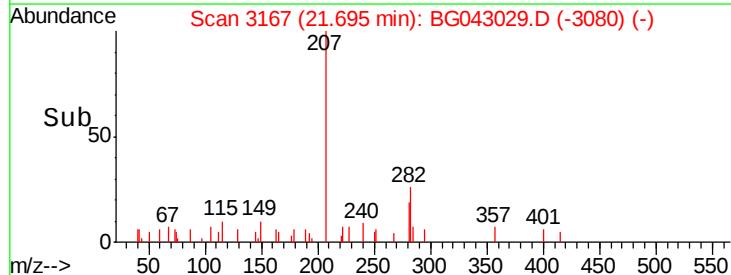
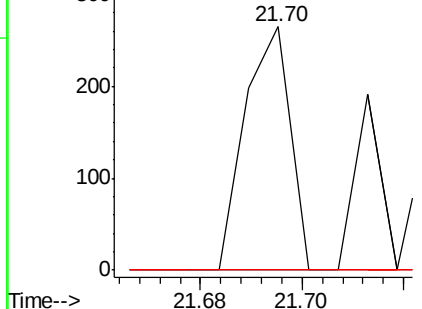
Tgt Ion:	240	Resp:	163
Ion Ratio	Lower	Upper	
240	100		
120	0.0	4.8	7.2#
236	0.0	21.4	32.0#

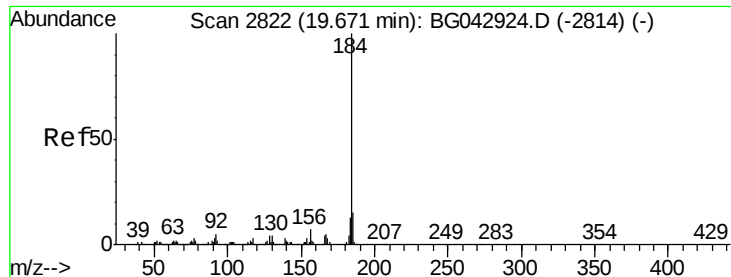


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 93955.569 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

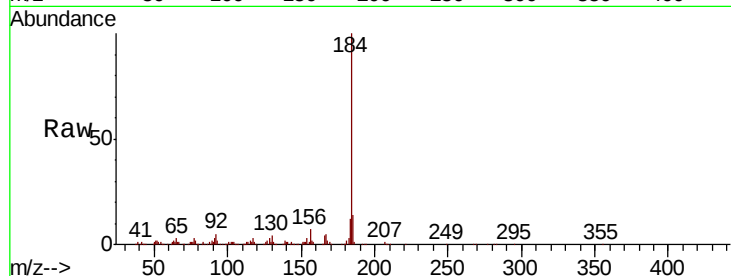
Tot Ion:184 Resp: 383466

Ion Ratio Lower Upper

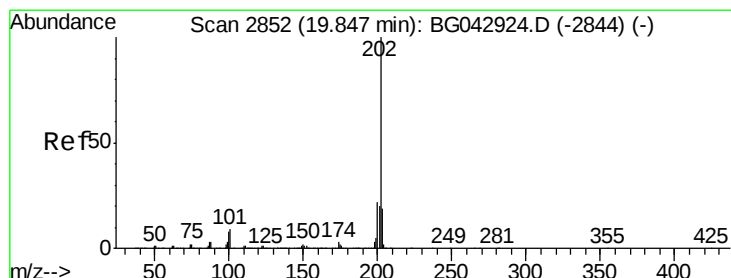
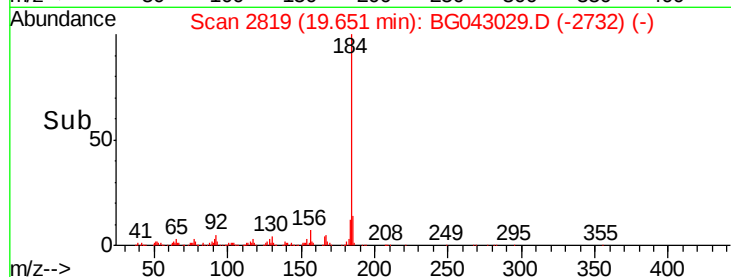
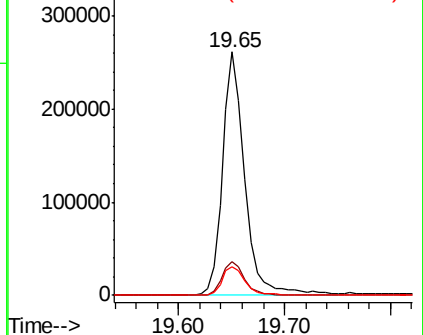
184 100

185 13.9 11.8 17.8

183 11.8 10.1 15.1



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: 147.911 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

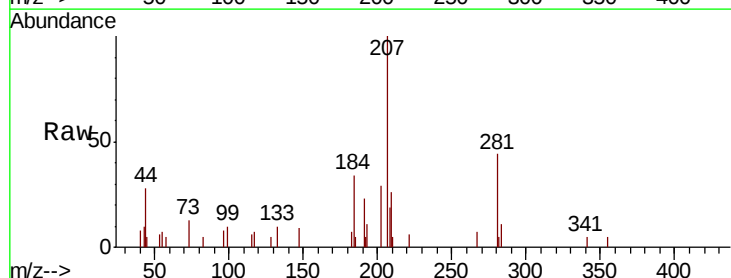
Tgt Ion:202 Resp: 1439

Ion Ratio Lower Upper

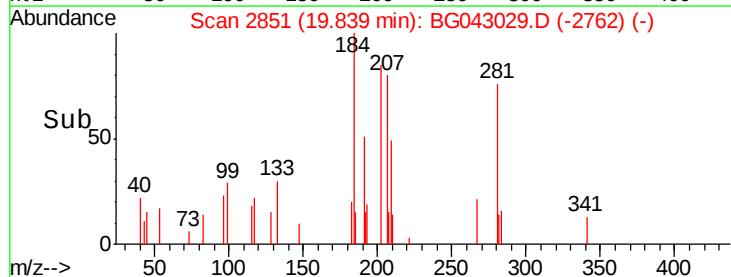
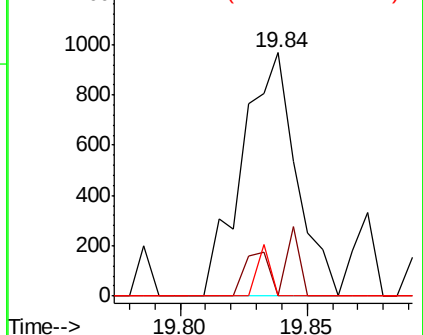
202 100

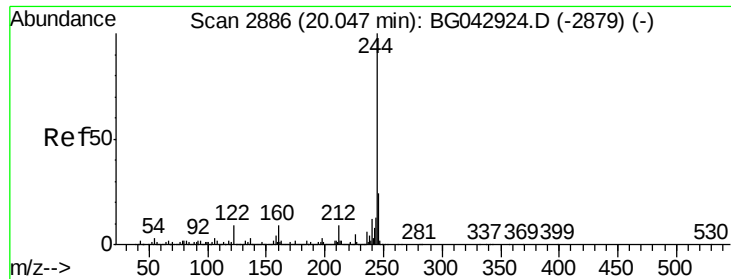
200 0.0 17.6 26.4#

203 0.0 15.2 22.8#



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: 572.331 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

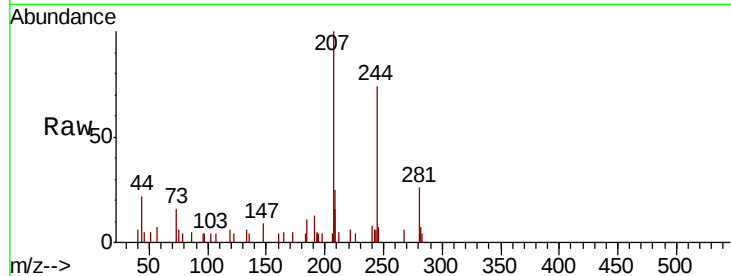
Tot Ion:244 Resp: 4378

Ion Ratio Lower Upper

244 100

212 6.1 7.4 11.0#

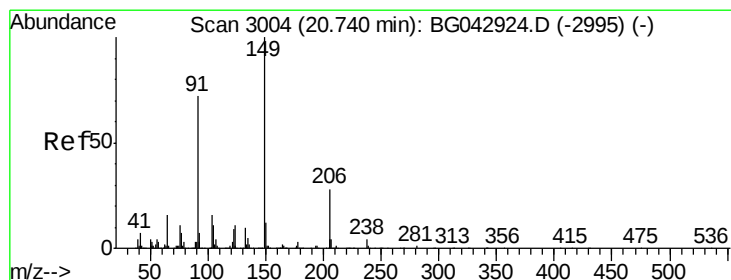
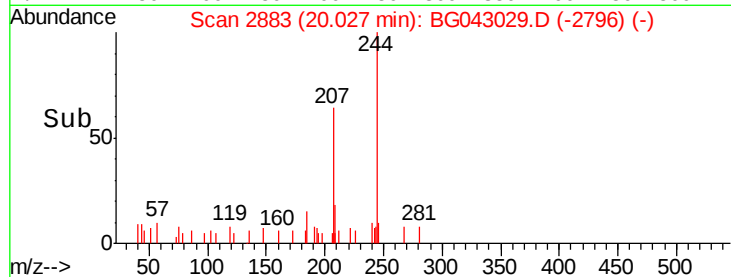
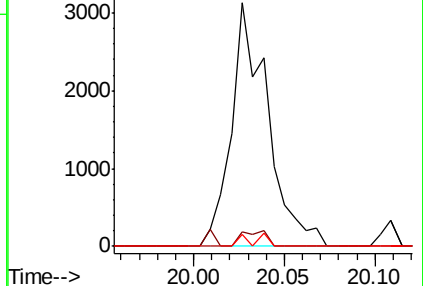
122 4.8 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 139.730 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.03 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

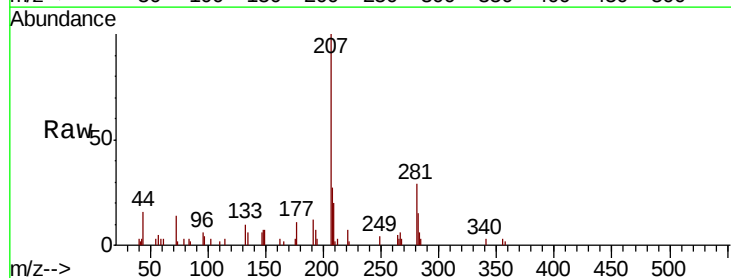
Tgt Ion:149 Resp: 516

Ion Ratio Lower Upper

149 100

91 0.0 57.7 86.5#

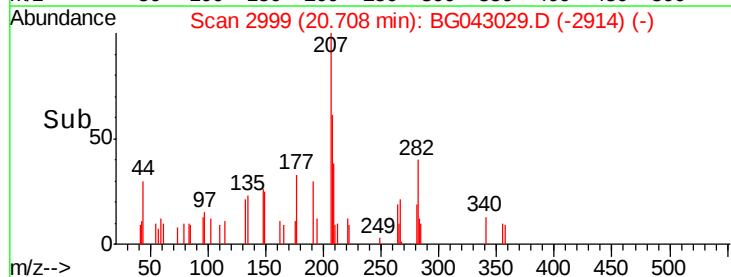
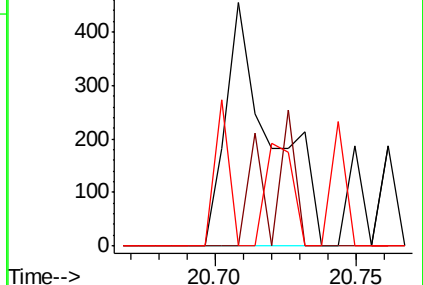
206 0.0 22.6 33.8#

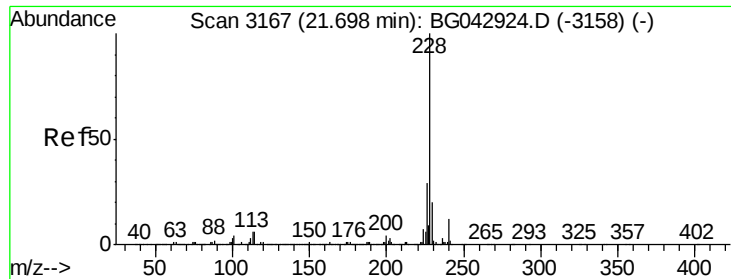


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 74.633 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

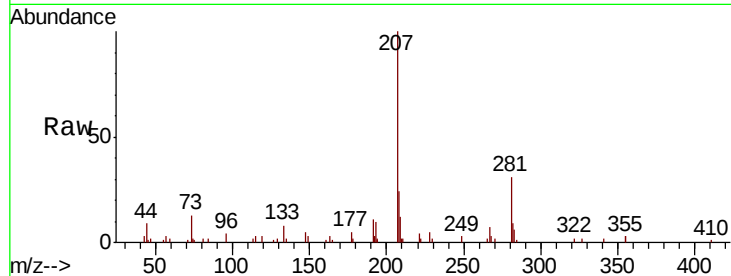
Tot Ion:228 Resp: 758

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.4#

229 47.2 16.3 24.5#

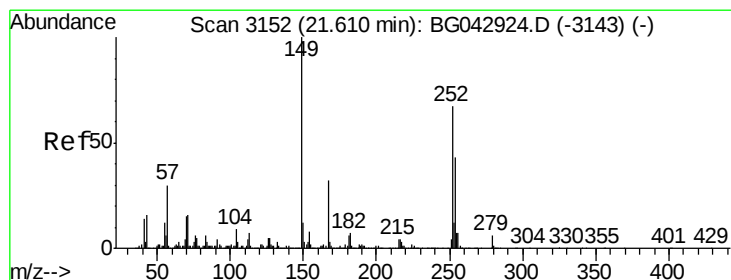
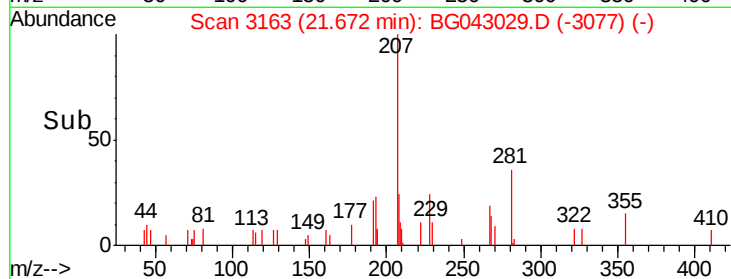
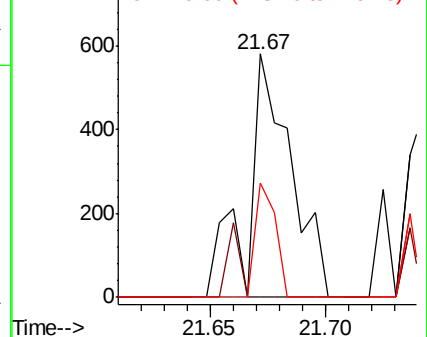


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 175.978 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

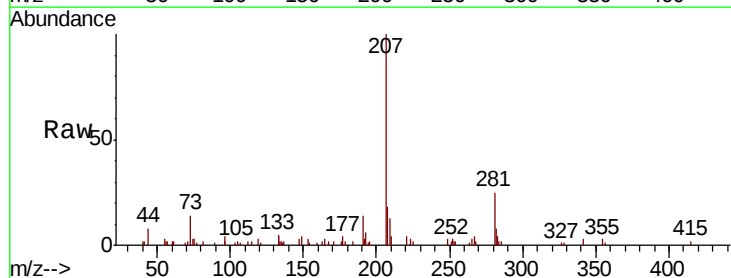
Tgt Ion:252 Resp: 701

Ion Ratio Lower Upper

252 100

254 65.4 51.9 77.9

126 0.0 6.1 9.1#

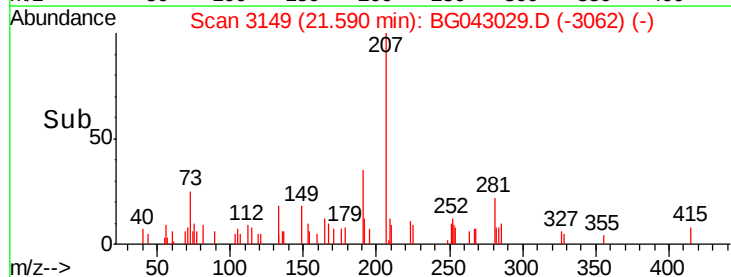
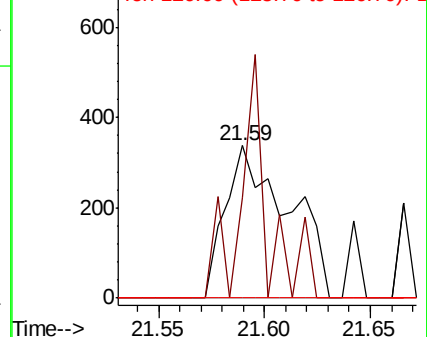


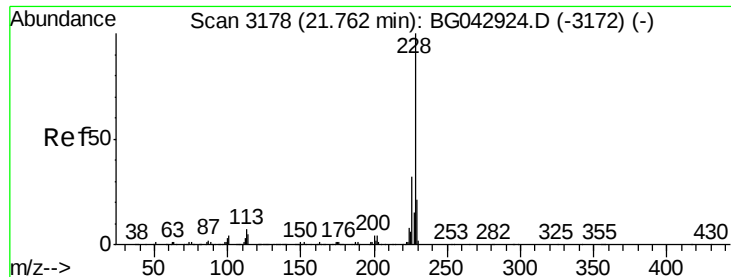
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 73.863 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampled :

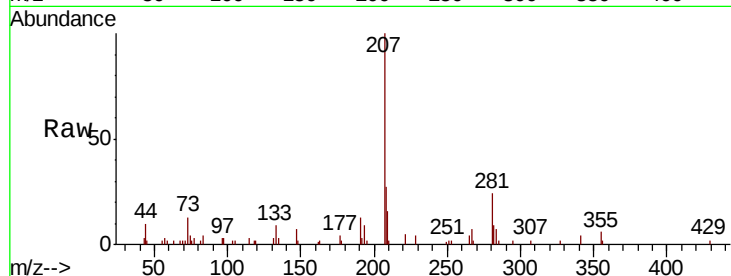
Tot Ion:228 Resp: 728

Ion Ratio Lower Upper

228 100

226 0.0 25.6 38.4#

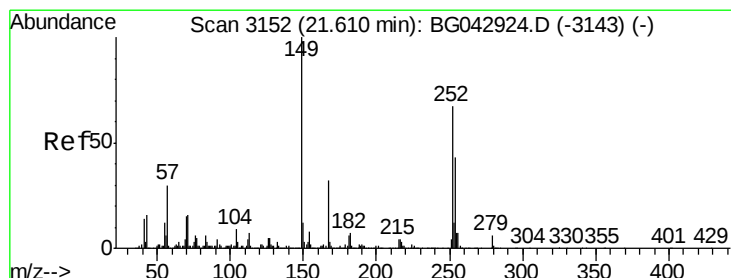
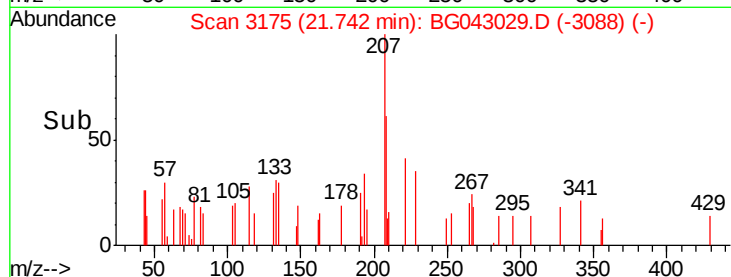
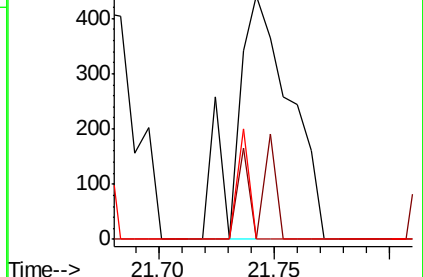
229 0.0 16.9 25.3#



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: 313.056 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.04 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

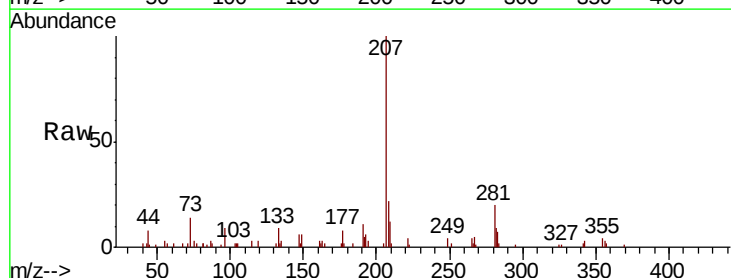
Tgt Ion:149 Resp: 1645

Ion Ratio Lower Upper

149 100

167 0.0 25.4 38.2#

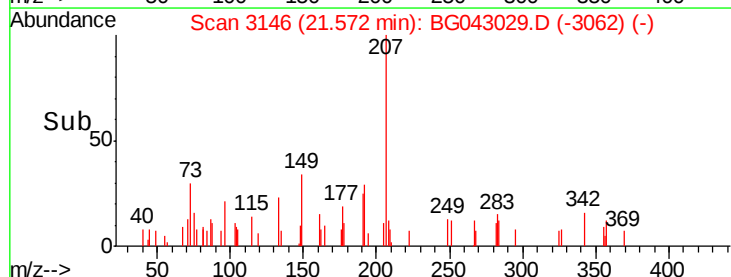
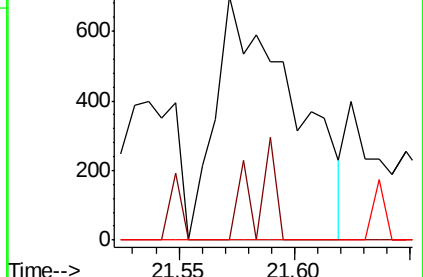
279 0.0 5.1 7.7#

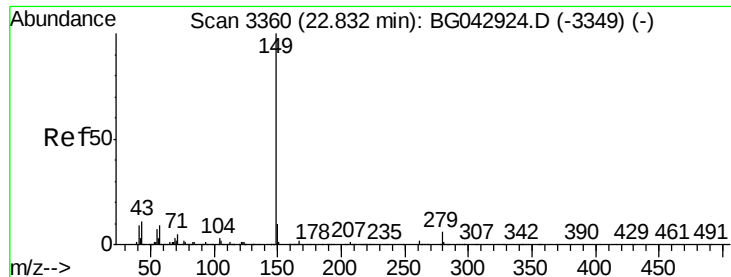


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

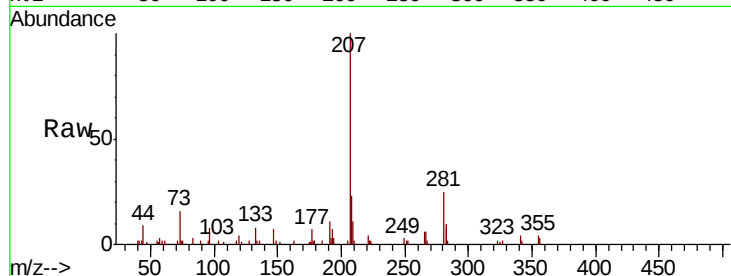




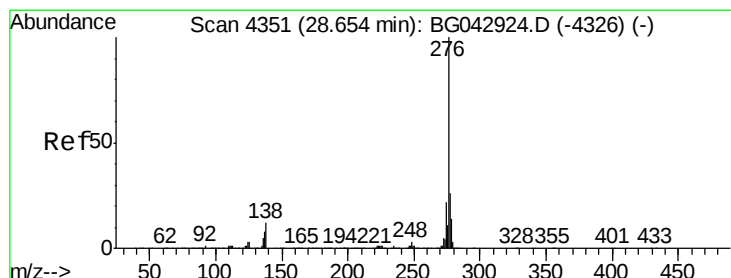
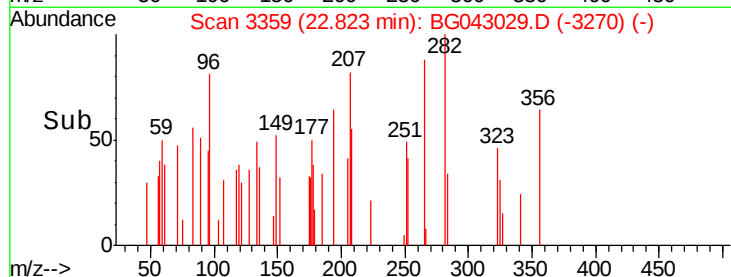
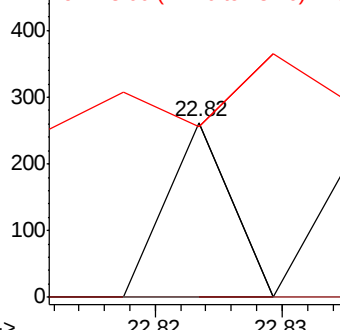
#85
Di-n-octyl phthalate
Concen: 10.707 ng
RT: 22.82 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 92
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 565.2 8.7 13.1#

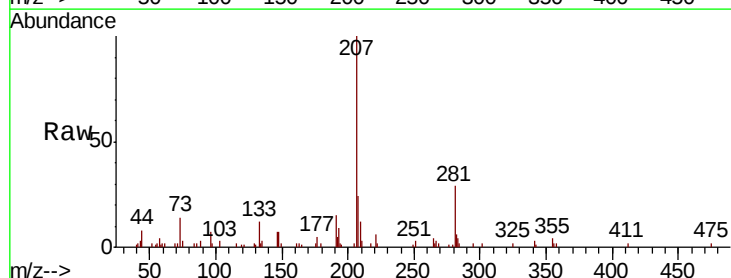


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

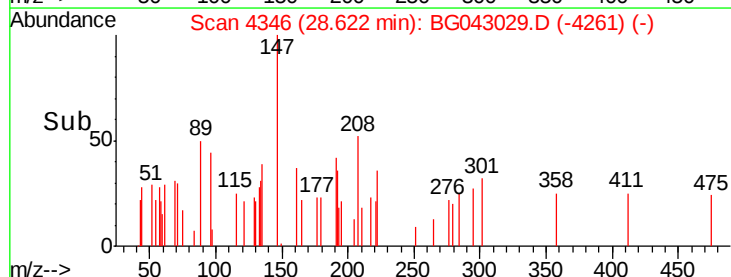
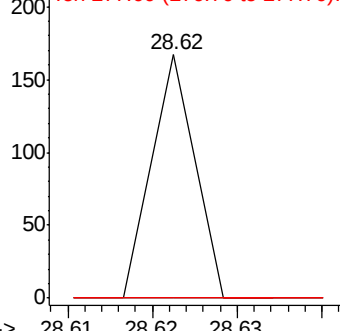


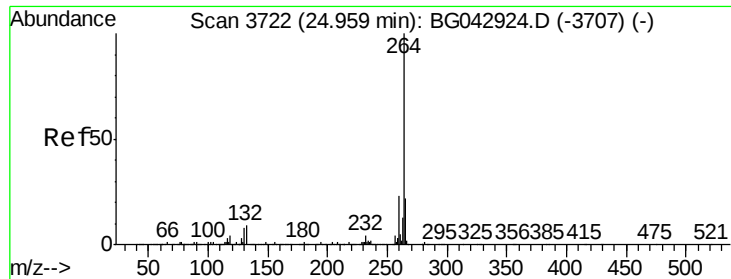
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.809 ng
RT: 28.62 min Scan# 4346
Delta R.T. -0.03 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

Tgt Ion:276 Resp: 59
Ion Ratio Lower Upper
276 100
138 0.0 7.0 10.6#
277 0.0 20.9 31.3#



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. -0.03 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

Instrument :

BNA_G

ClientSampleId :

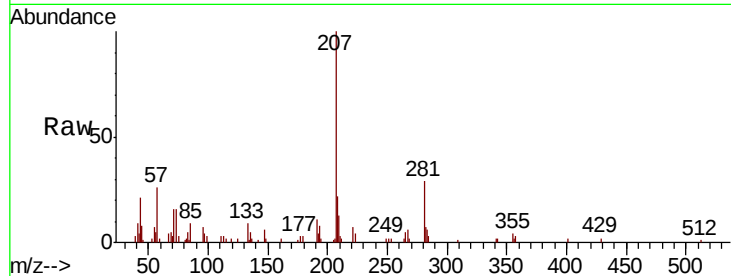
Tot Ion:264 Resp: 80

Ion Ratio Lower Upper

264 100

260 0.0 18.7 28.1#

265 234.6 17.7 26.5#

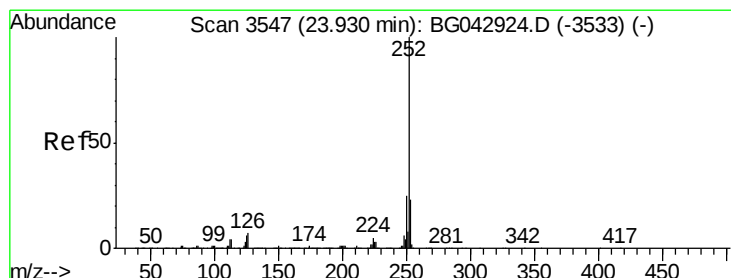
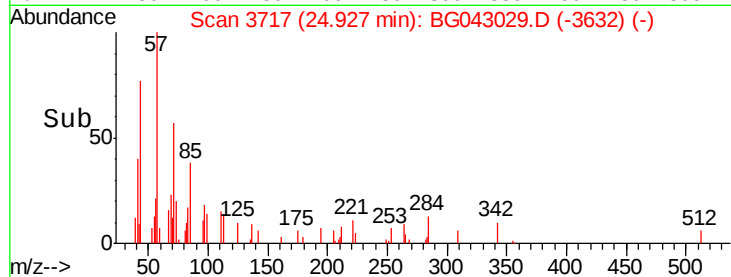
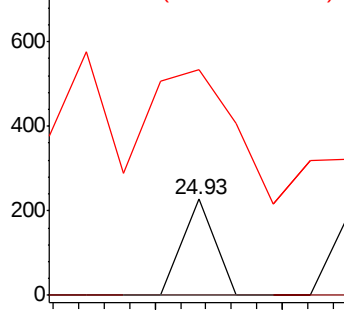


Abundance

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: 138.514 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.04 min

Lab File: BG043029.D

Acq: 4 Oct 2019 15:44

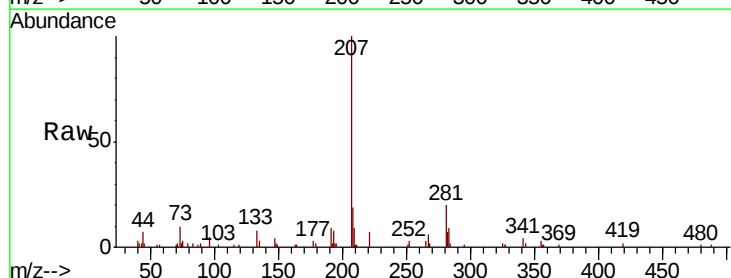
Tgt Ion:252 Resp: 627

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

125 0.0 4.6 7.0#

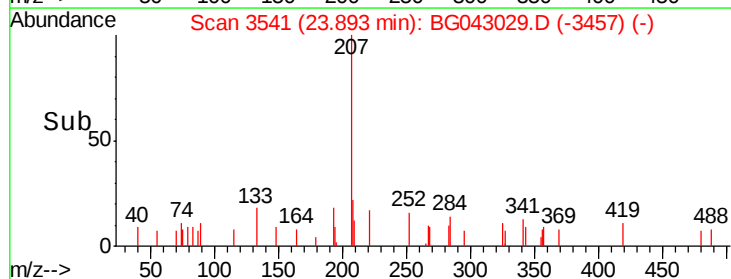
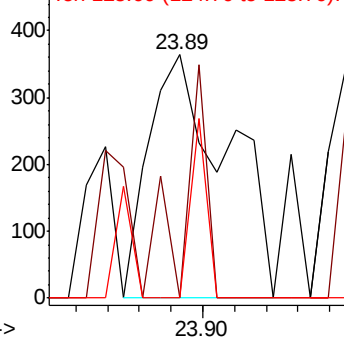


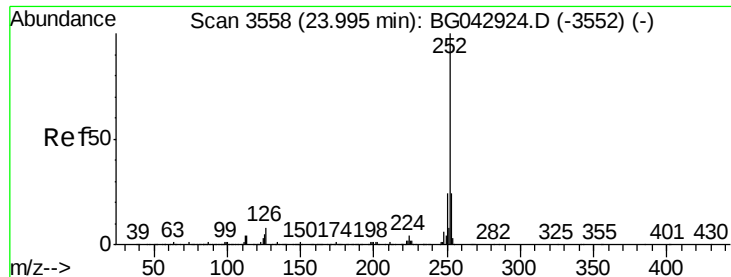
Abundance

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

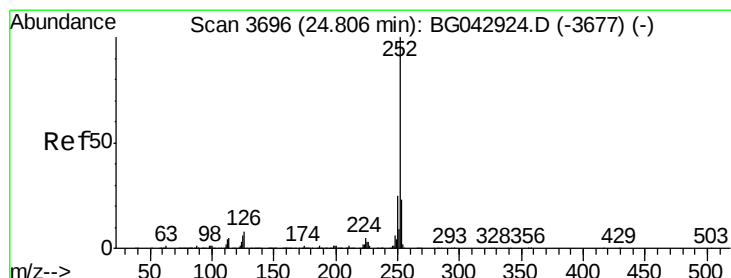
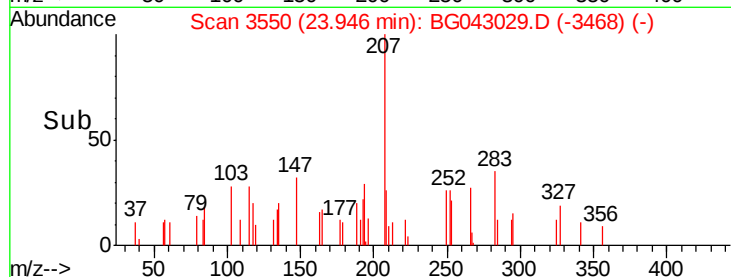
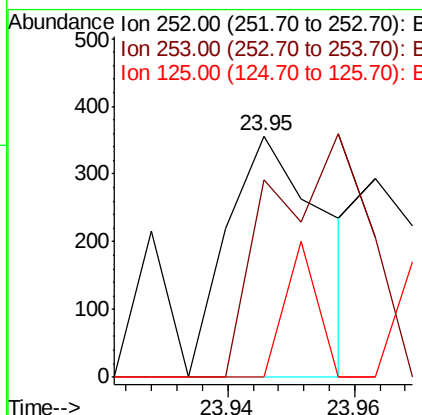
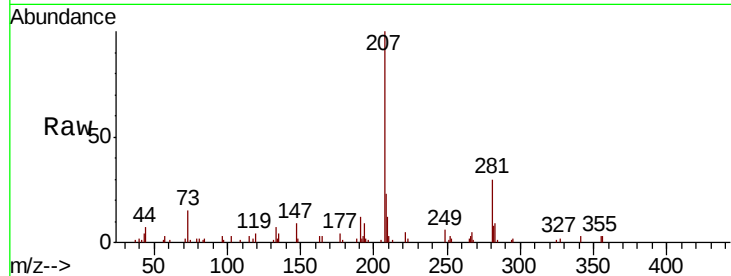




#89
Benzo(k)fluoranthene
Concen: 84.635 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.05 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

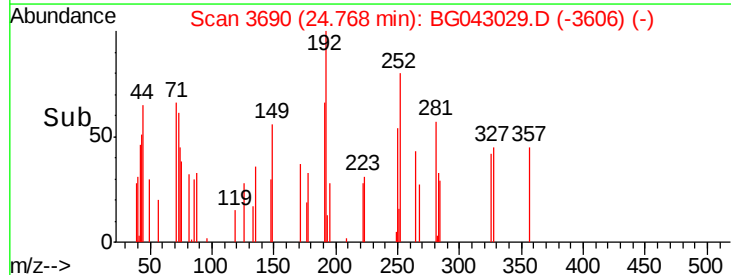
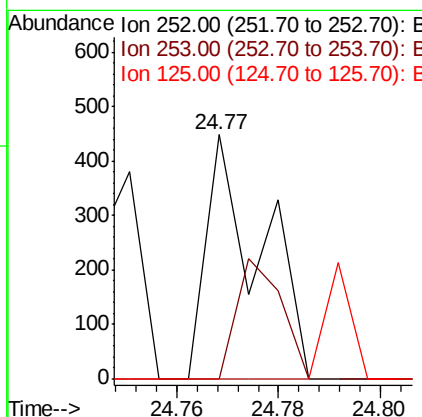
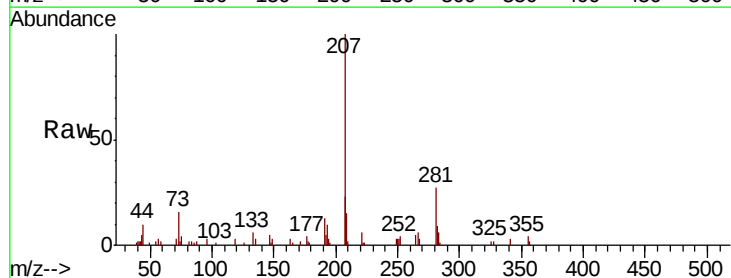
Instrument :
BNA_G
ClientSampleId :

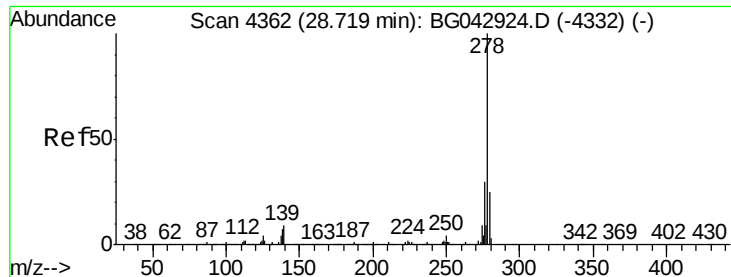
Tot Ion	Ratio	Lower	Upper
252	100		
253	82.0	18.9	28.3#
125	0.0	4.5	6.7#



#90
Benzo(a)pyrene
Concen: 76.803 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.04 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	5.0	7.6#

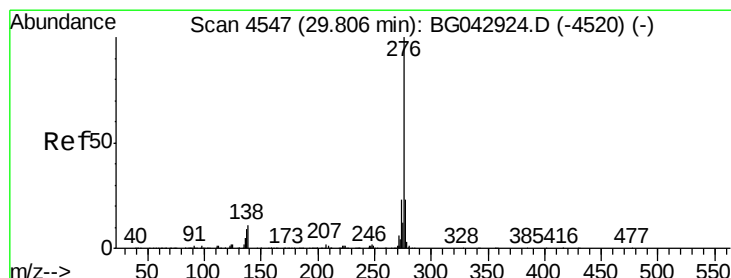
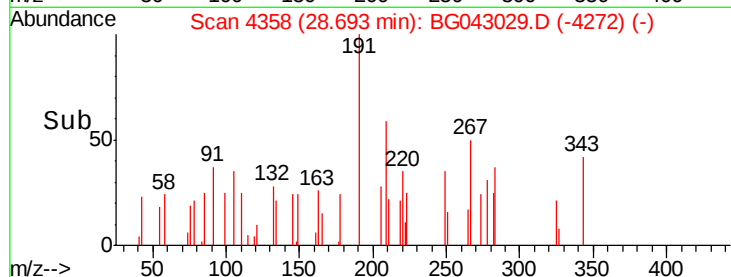
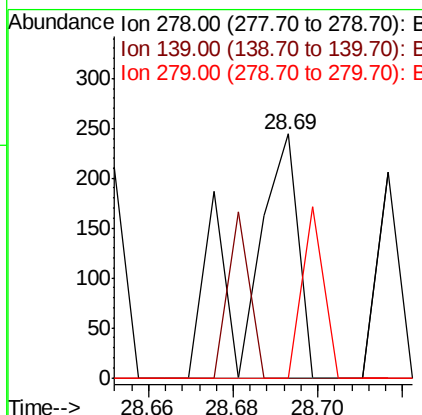
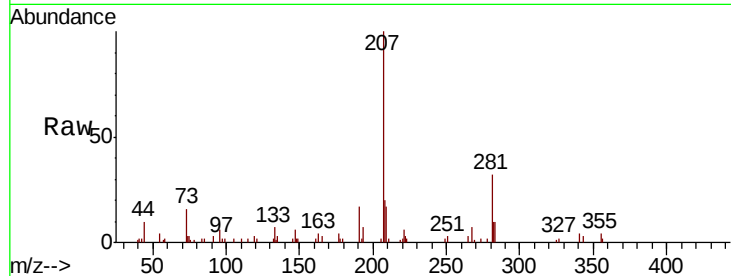




#91
Dibenzo(a,h)anthracene
Concen: 47.725 ng
RT: 28.69 min Scan# 4358
Delta R.T. -0.03 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 209
Ion Ratio Lower Upper
278 100
139 0.0 6.8 10.2#
279 0.0 20.1 30.1#



#92
Benzo(g,h,i)perylene
Concen: 22.860 ng
RT: 29.76 min Scan# 4539
Delta R.T. -0.05 min
Lab File: BG043029.D
Acq: 4 Oct 2019 15:44

Tgt Ion:276 Resp: 97
Ion Ratio Lower Upper
276 100
277 0.0 18.4 27.6#
138 0.0 8.6 12.8#

