

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043697.D
 Acq On : 19 Nov 2019 14:22
 Operator : JU
 Sample : PB124838BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 15:25:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	29585	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	128696	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	96896	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	233733	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	258529	20.00	ng	-0.02
87) Perylene-d12	24.81	264	298062	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	190925	118.26	ng	0.00
7) Phenol-d6	7.19	99	263926	113.62	ng	0.00
23) Nitrobenzene-d5	9.15	82	144978	58.08	ng	-0.03
42) 2,4,6-Tribromophenol	16.12	330	172087	93.33	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	398983	56.90	ng	-0.02
79) Terphenyl-d14	19.98	244	811003	58.85	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	18369	29.196	ng	# 85
3) Pyridine	3.85	79	49979	31.491	ng	96
4) n-Nitrosodimethylamine	3.76	42	37361	46.651	ng	# 88
6) Aniline	7.32	93	88629	33.121	ng	99
8) 2-Chlorophenol	7.57	128	76764	43.072	ng	99
9) Benzaldehyde	7.13	77	38374	33.615	ng	97
10) Phenol	7.21	94	94323	44.436	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	63379	38.620	ng	95
12) 1,3-Dichlorobenzene	7.88	146	81797	36.631	ng	96
13) 1,4-Dichlorobenzene	8.02	146	86258	38.180	ng	94
14) 1,2-Dichlorobenzene	8.35	146	83995	38.077	ng	95
15) Benzyl Alcohol	8.24	79	68689	42.105	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	90298	37.840	ng	96
17) 2-Methylphenol	8.46	107	64562	41.723	ng	97
18) Hexachloroethane	9.07	117	29935	36.725	ng	97
19) n-Nitroso-di-n-propylamine	8.79	70	60573	40.355	ng	# 91
20) 3+4-Methylphenols	8.79	107	88699	41.802	ng	94
22) Acetophenone	8.81	105	119324	36.205	ng	# 91
24) Nitrobenzene	9.20	77	92363	38.840	ng	# 96
25) Isophorone	9.72	82	169951	37.238	ng	99
26) 2-Nitrophenol	9.91	139	45729	39.831	ng	# 91
27) 2,4-Dimethylphenol	9.98	122	73881	44.899	ng	95
28) bis(2-Chloroethoxy)methane	10.20	93	92175	36.593	ng	97
29) 2,4-Dichlorophenol	10.47	162	79632	37.770	ng	94
30) 1,2,4-Trichlorobenzene	10.66	180	94363	35.512	ng	98
31) Naphthalene	10.84	128	255805	39.159	ng	99
32) Benzoic acid	10.17	122	34660	31.434	ng	94
33) 4-Chloroaniline	10.98	127	29641	11.069	ng	97
34) Hexachlorobutadiene	11.13	225	66871	34.043	ng	96
35) Caprolactam	11.74	113	12838	17.680	ng	93
36) 4-Chloro-3-methylphenol	12.11	107	88837	38.629	ng	93
37) 2-Methylnaphthalene	12.45	142	199964	39.895	ng	96
38) 1-Methylnaphthalene	12.67	142	187677	39.353	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	125363	34.959	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	137387	72.933	ng	99
43) 2,4,6-Trichlorophenol	13.06	196	75317	35.665	ng	99
44) 2,4,5-Trichlorophenol	13.16	196	77129	36.126	ng	94
46) 1,1'-Biphenyl	13.46	154	269210	36.521	ng	100
47) 2-Chloronaphthalene	13.50	162	207745	37.040	ng	100
48) 2-Nitroaniline	13.71	65	59277	35.362	ng	95
49) Acenaphthylene	14.35	152	339441	38.887	ng	100
50) Dimethylphthalate	14.08	163	273963	36.503	ng	# 96
51) 2,6-Dinitrotoluene	14.20	165	60133	36.880	ng	93
52) Acenaphthene	14.69	154	203950	38.313	ng	96
53) 3-Nitroaniline	14.54	138	37136	23.590	ng	86
54) 2,4-Dinitrophenol	14.75	184	64762	65.099	ng	96
55) Dibenzofuran	15.02	168	329277	38.144	ng	97
56) 4-Nitrophenol	14.89	139	77279	73.255	ng	91
57) 2,4-Dinitrotoluene	14.99	165	88618	38.031	ng	98
58) Fluorene	15.67	166	283460	39.151	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	80872	35.652	ng	95
60) Diethylphthalate	15.44	149	269317	35.713	ng	98
61) 4-Chlorophenyl-phenylether	15.66	204	153372	36.312	ng	97
62) 4-Nitroaniline	15.71	138	54272	33.382	ng	92
63) Azobenzene	15.96	77	235397	38.569	ng	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	55395	40.272	ng	92
66) n-Nitrosodiphenylamine	15.88	169	237912	36.053	ng	98
67) 4-Bromophenyl-phenylether	16.55	248	108619	34.531	ng	92
68) Hexachlorobenzene	16.68	284	125246	34.688	ng	95
69) Atrazine	16.82	200	92995	40.557	ng	96
70) Pentachlorophenol	17.03	266	115867	70.425	ng	97
71) Phenanthrene	17.41	178	451082	37.688	ng	99
72) Anthracene	17.51	178	476745	39.811	ng	98
73) Carbazole	17.78	167	398103	36.711	ng	100
74) Di-n-butylphthalate	18.32	149	471947	35.868	ng	99
75) Fluoranthene	19.42	202	606497	38.869	ng	100
77) Benzidine	19.65	184	13788	2.650	ng	# 92
78) Pyrene	19.79	202	625779	39.105	ng	99
80) Butylbenzylphthalate	20.67	149	215874	35.607	ng	99
81) Benzo(a)anthracene	21.61	228	632437	39.054	ng	99
82) 3,3'-Dichlorobenzidine	21.53	252	160525	25.628	ng	98
83) Chrysene	21.68	228	613502	38.129	ng	97
84) Bis(2-ethylhexyl)phthalate	21.51	149	316674	36.770	ng	97
85) Di-n-octyl phthalate	22.71	149	539315	36.911	ng	99
86) Indeno(1,2,3-cd)pyrene	28.44	276	764490	37.852	ng	# 94
88) Benzo(b)fluoranthene	23.80	252	664448	39.360	ng	98
89) Benzo(k)fluoranthene	23.87	252	654892	38.535	ng	99
90) Benzo(a)pyrene	24.66	252	614193	38.100	ng	99
91) Dibenzo(a,h)anthracene	28.49	278	647399	39.263	ng	96
92) Benzo(g,h,i)perylene	29.57	276	643974	39.594	ng	99

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

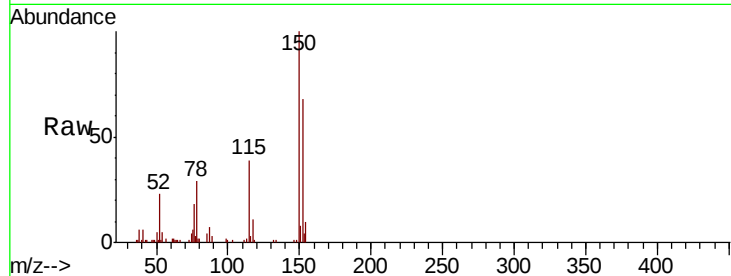


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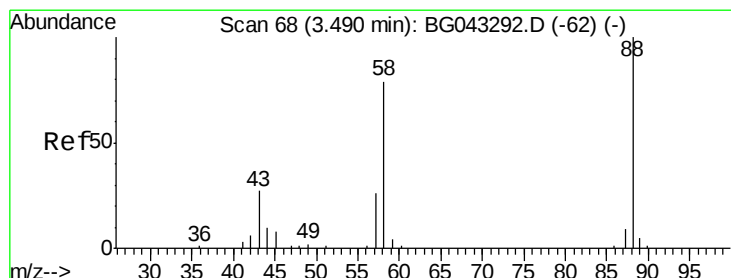
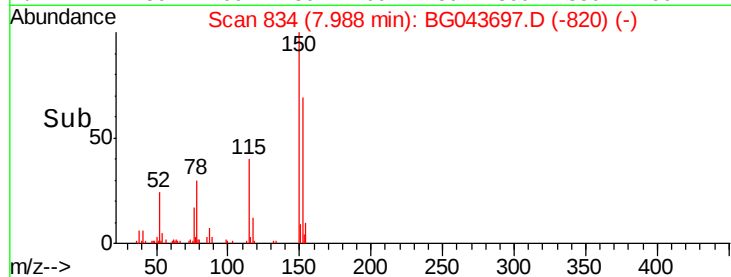
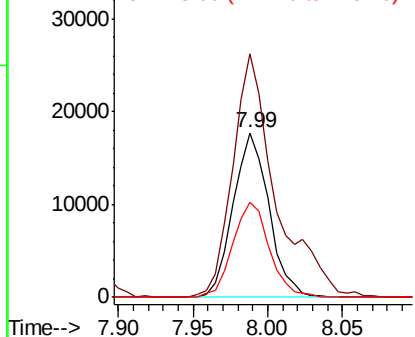
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29585
Ion Ratio Lower Upper
152 100
150 148.1 129.4 194.0
115 57.8 48.8 73.2



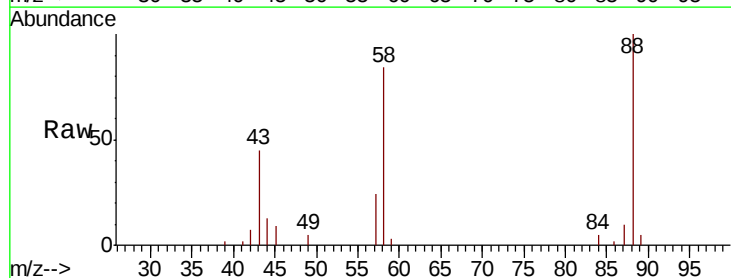
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



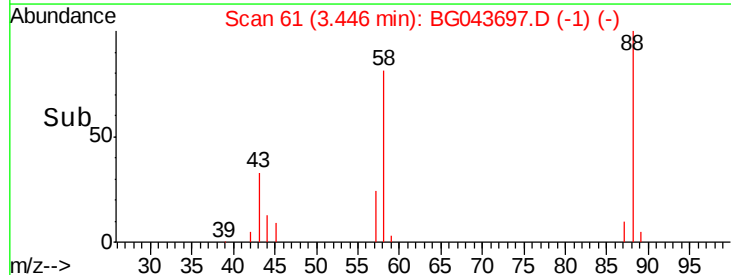
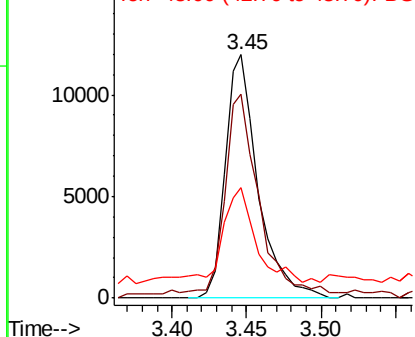
#2

1,4-Dioxane
Concen: 29.196 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.03 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion: 88 Resp: 18369
Ion Ratio Lower Upper
88 100
58 88.6 62.7 94.1
43 41.8 23.7 35.5#



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





#3

Pvridine

Concen: 31.491 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.03 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

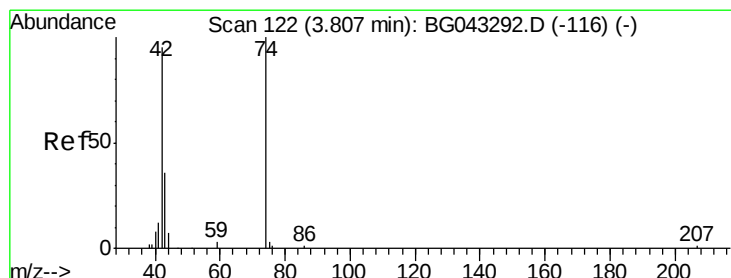
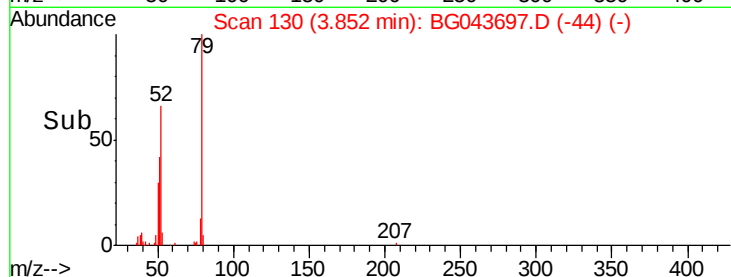
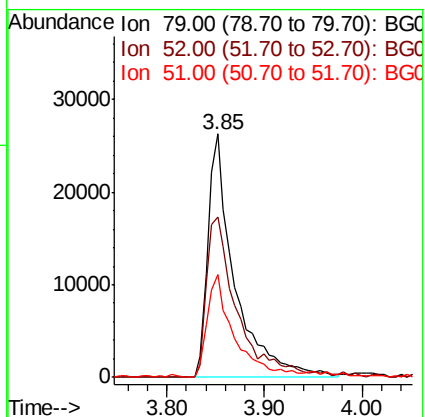
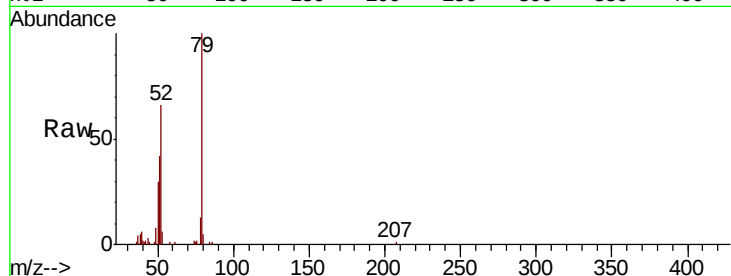
Tot Ion: 79 Resp: 49979

Ion Ratio Lower Upper

79 100

52 66.0 56.5 84.7

51 42.3 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 46.651 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.03 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

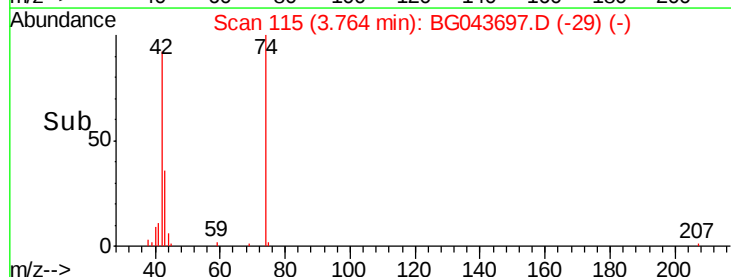
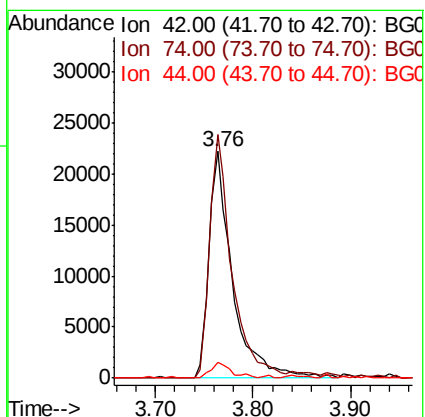
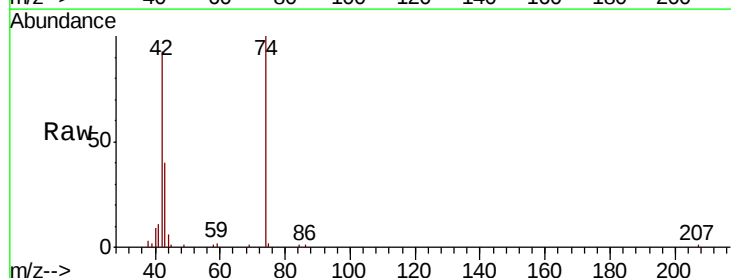
Tgt Ion: 42 Resp: 37361

Ion Ratio Lower Upper

42 100

74 107.3 97.3 145.9

44 7.0 4.4 6.6#





#5

2-Fluorophenol

Concen: 118.256 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.01 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

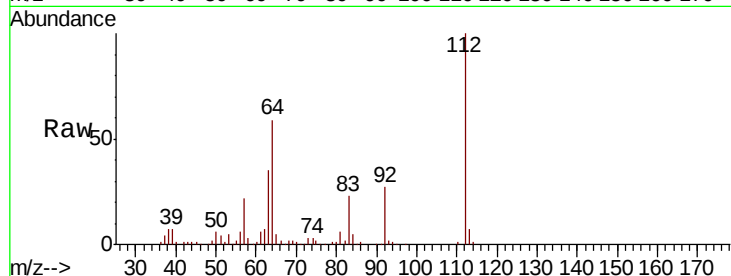
Tot Ion:112 Resp: 190925

Ion Ratio Lower Upper

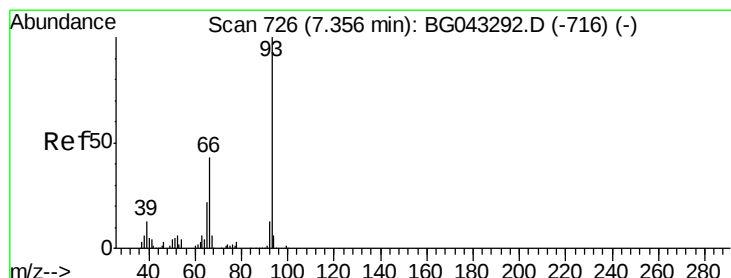
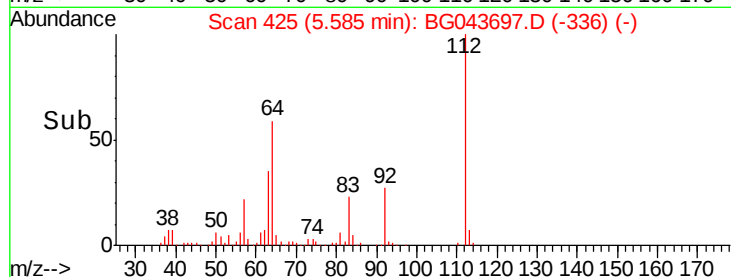
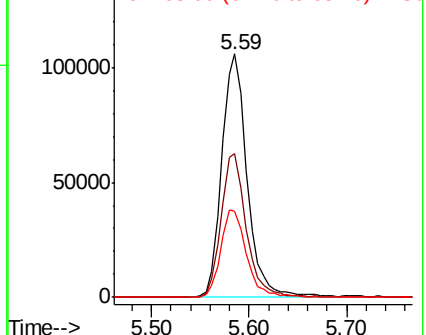
112 100

64 58.9 50.0 75.0

63 35.4 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.121 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

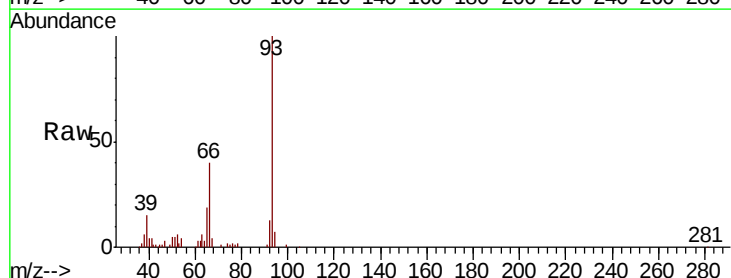
Tgt Ion: 93 Resp: 88629

Ion Ratio Lower Upper

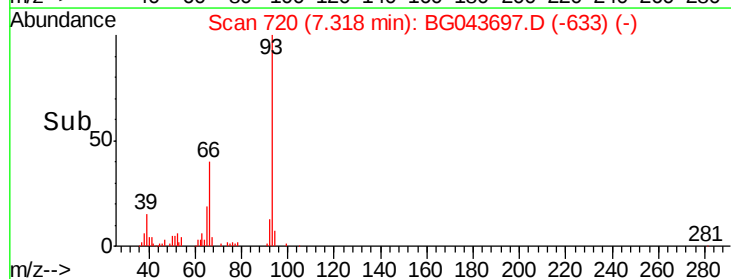
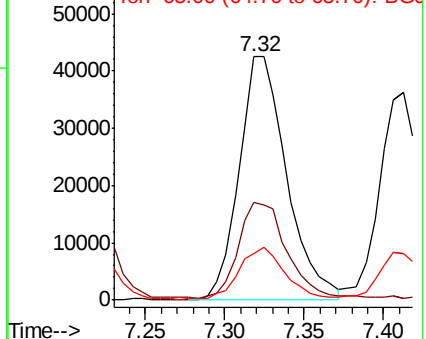
93 100

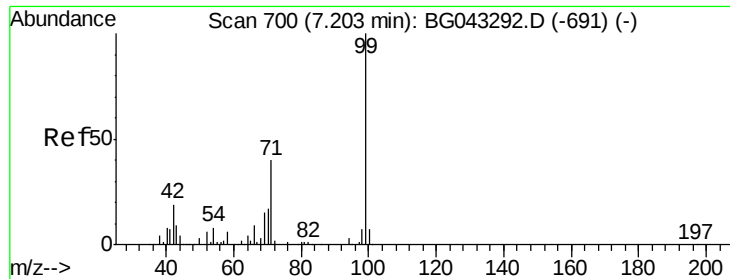
66 39.9 32.3 48.5

65 19.0 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.619 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

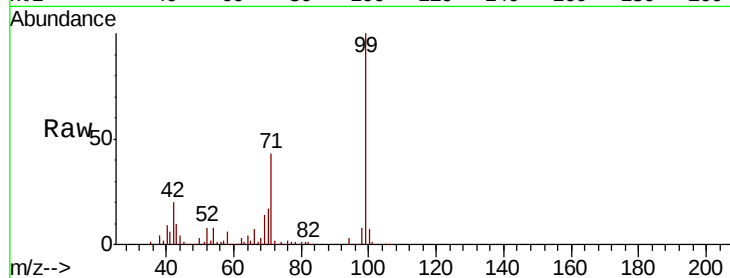
Tot Ion: 99 Resp: 263926

Ion Ratio Lower Upper

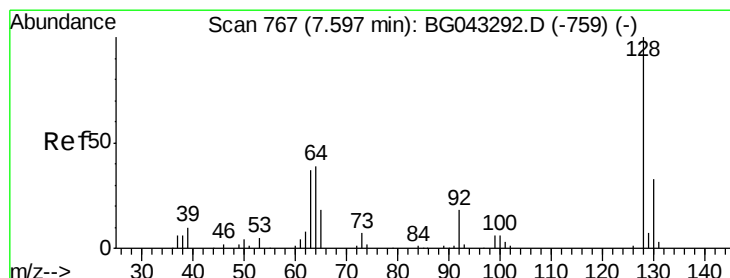
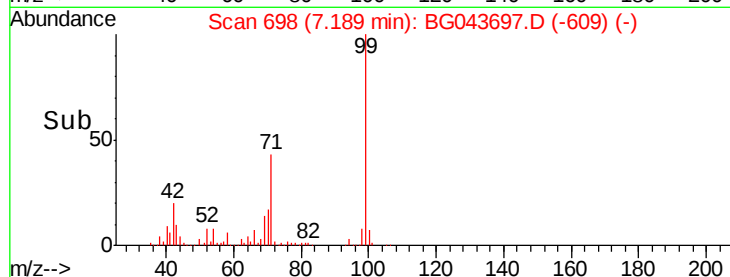
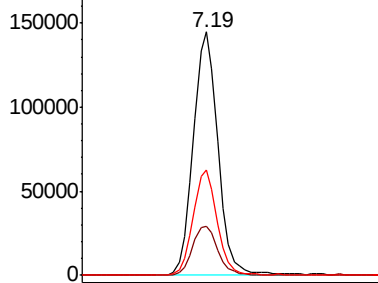
99 100

42 20.4 14.6 21.8

71 43.5 32.5 48.7



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



#8

2-Chlorophenol

Concen: 43.072 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

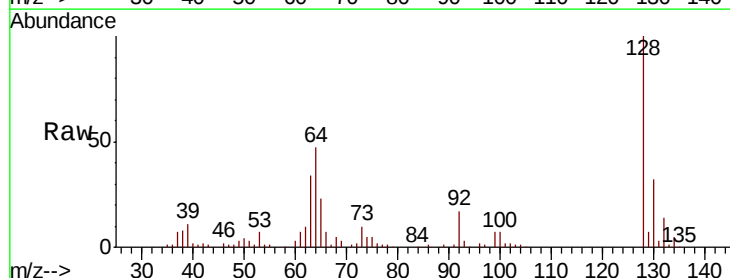
Tgt Ion: 128 Resp: 76764

Ion Ratio Lower Upper

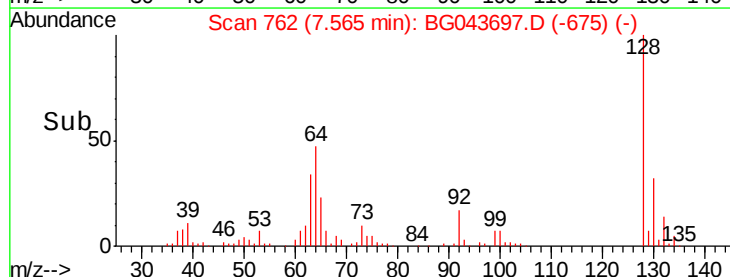
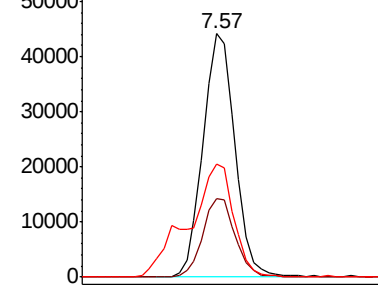
128 100

130 32.4 12.5 52.5

64 46.6 25.3 65.3



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 33.615 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampled :

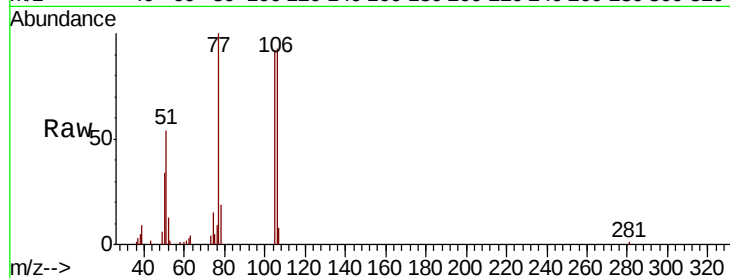
Tot Ion: 77 Resp: 38374

Ion Ratio Lower Upper

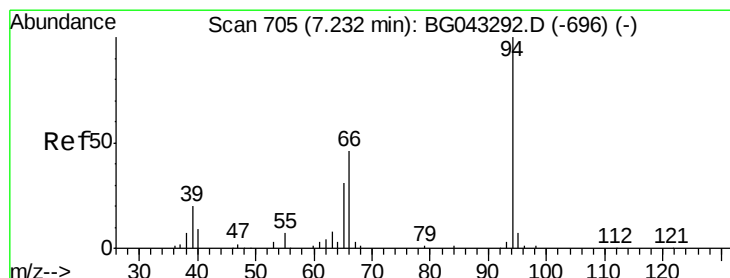
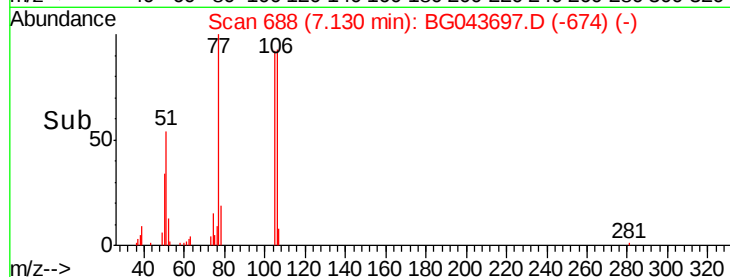
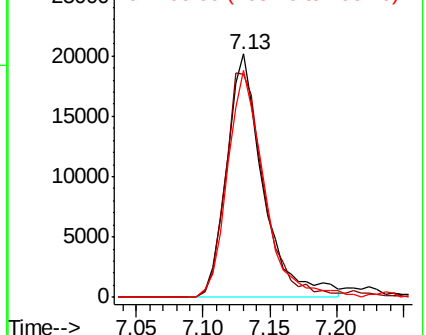
77 100

105 91.9 68.6 108.6

106 93.0 69.9 109.9



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



#10

Phenol

Concen: 44.436 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

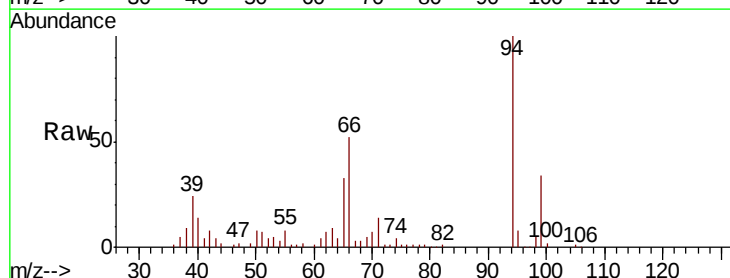
Tgt Ion: 94 Resp: 94323

Ion Ratio Lower Upper

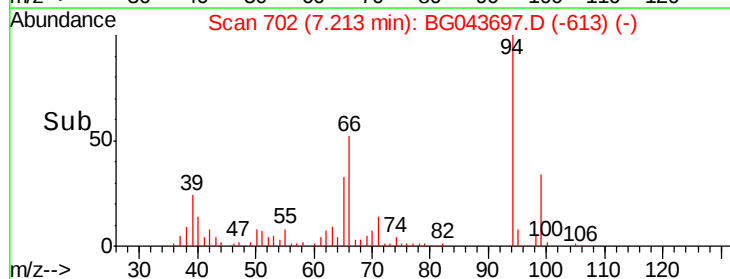
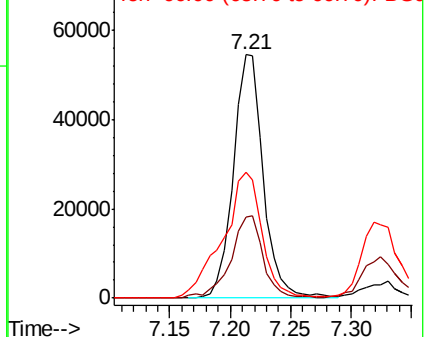
94 100

65 33.3 12.6 52.6

66 51.7 30.7 70.7



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

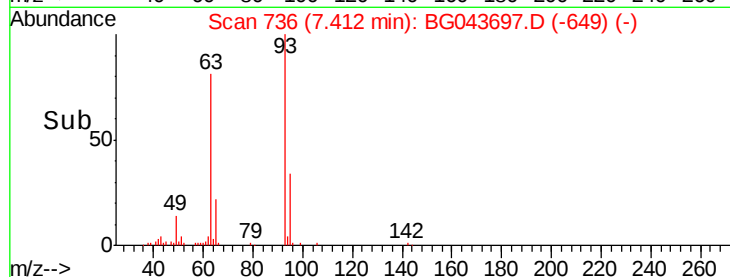
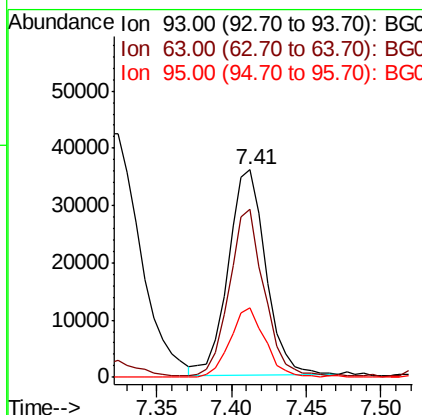
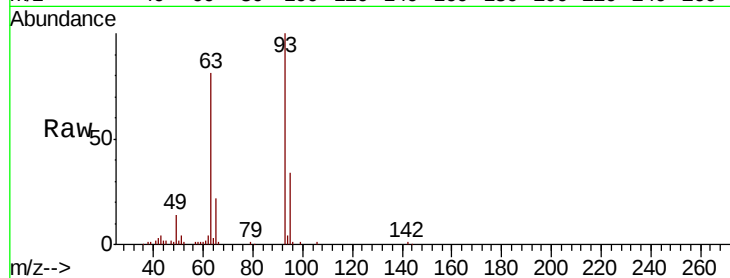




#11
 bis(2-Chloroethyl)ether
 Concen: 38.620 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

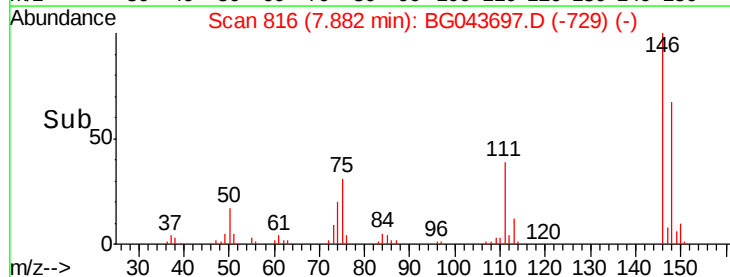
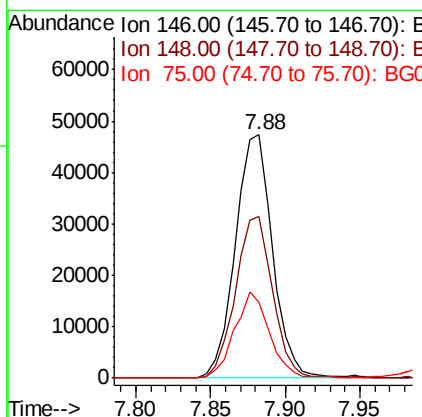
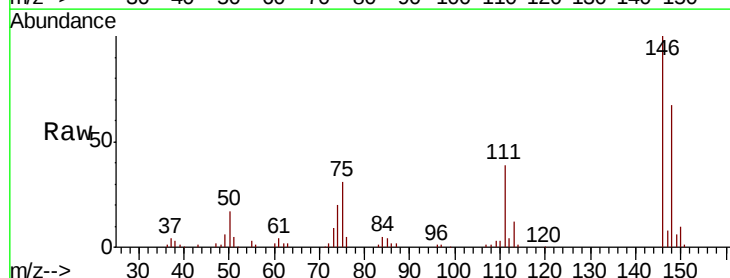
Instrument :
 BNA_G
 ClientSampleId :

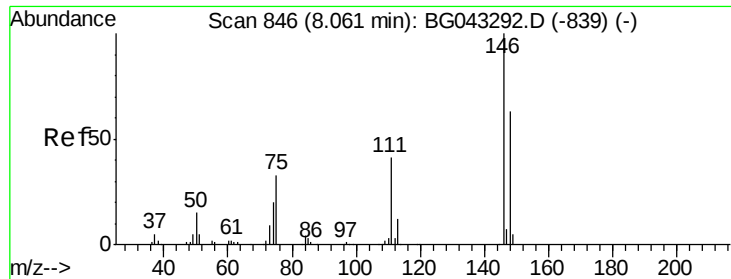
Tot Ion: 93 Resp: 63379
 Ion Ratio Lower Upper
 93 100
 63 81.2 56.3 96.3
 95 33.8 12.2 52.2



#12
 1,3-Dichlorobenzene
 Concen: 36.631 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion: 146 Resp: 81797
 Ion Ratio Lower Upper
 146 100
 148 66.6 50.3 75.5
 75 31.4 24.6 37.0

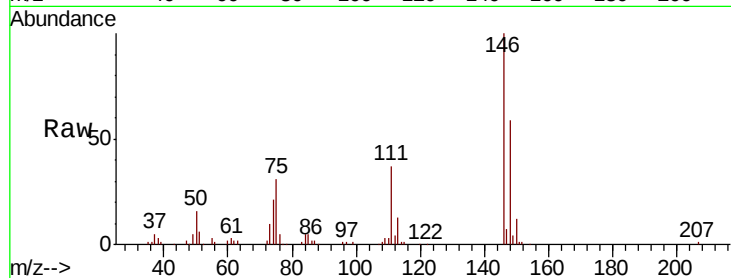




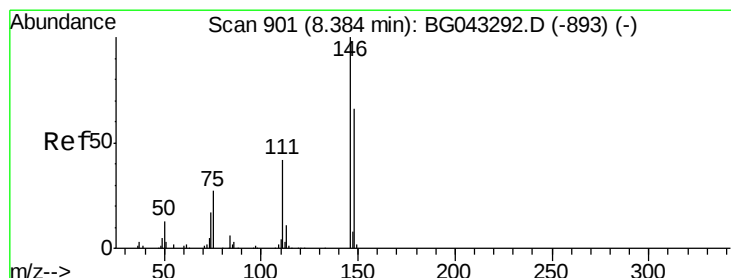
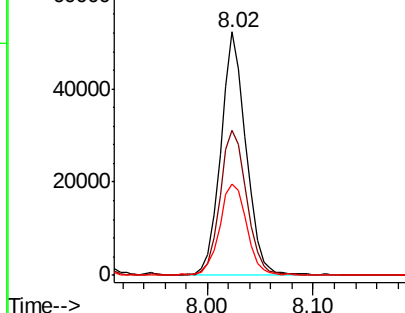
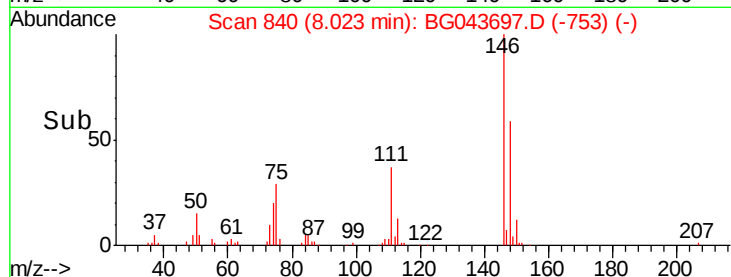
#13
 1,4-Dichlorobenzene
 Concen: 38.180 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.02 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 86258
 Ion Ratio Lower Upper
 146 100
 148 59.4 50.7 76.1
 111 37.3 33.4 50.2

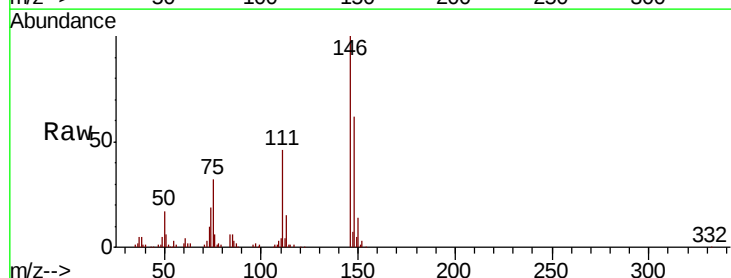


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

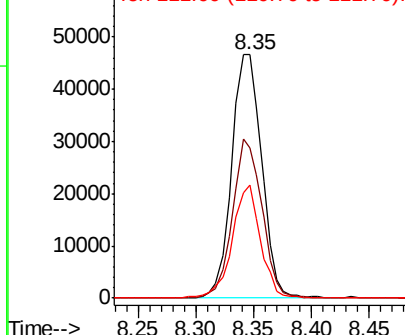
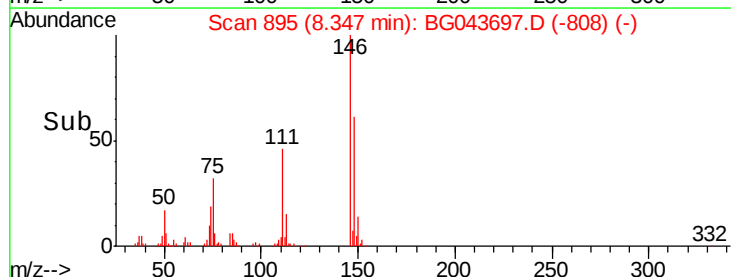


#14
 1,2-Dichlorobenzene
 Concen: 38.077 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion:146 Resp: 83995
 Ion Ratio Lower Upper
 146 100
 148 61.6 53.2 79.8
 111 46.4 35.8 53.6



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

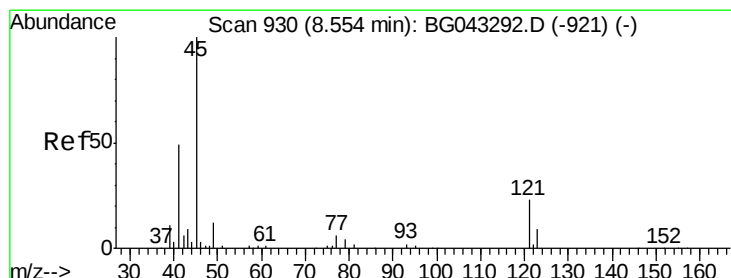
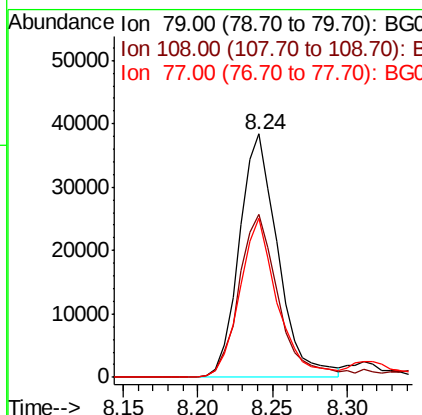
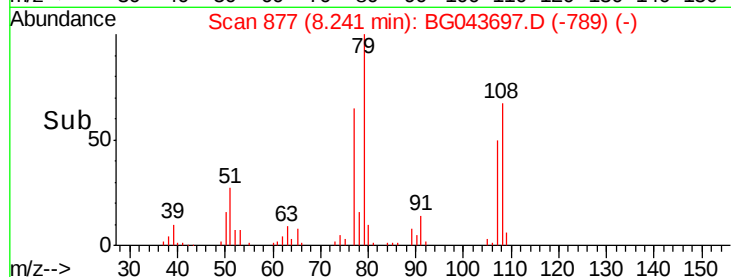
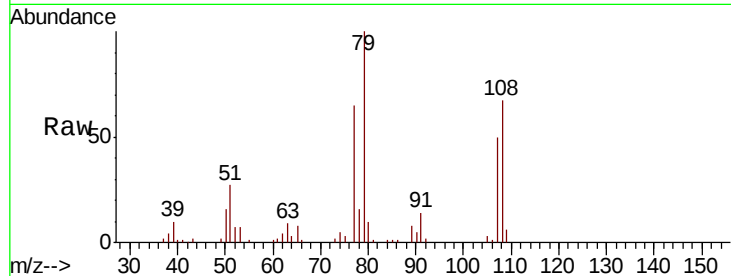




#15
Benzyl Alcohol
Concen: 42.105 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

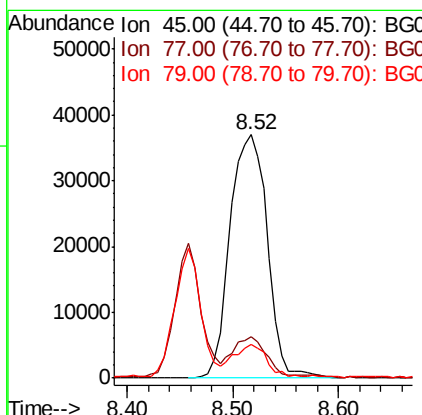
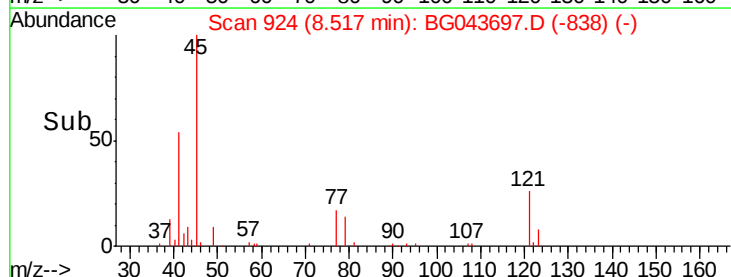
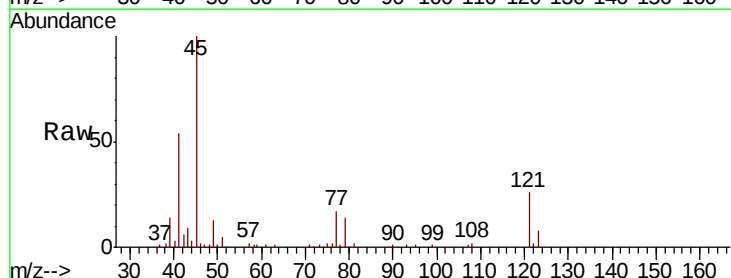
Instrument :
BNA_G
ClientSampled :

Tot Ion: 79 Resp: 68689
Ion Ratio Lower Upper
79 100
108 66.9 53.6 80.4
77 65.1 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.840 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion: 45 Resp: 90298
Ion Ratio Lower Upper
45 100
77 17.2 0.0 34.9
79 13.8 0.0 33.0





#17

2-Methylphenol

Concen: 41.723 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 64562

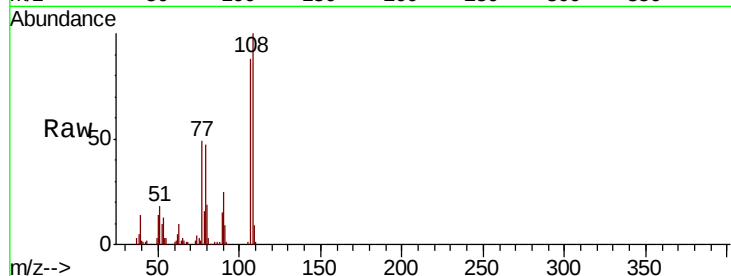
Ion Ratio Lower Upper

107 100

108 113.4 90.2 135.4

77 55.5 40.2 60.2

79 53.3 44.0 66.0

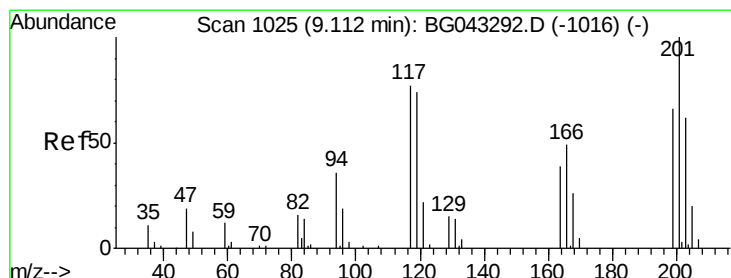
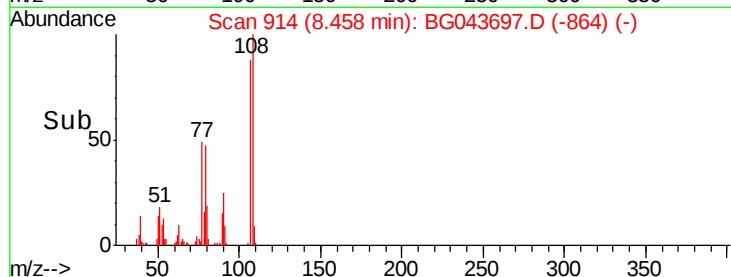
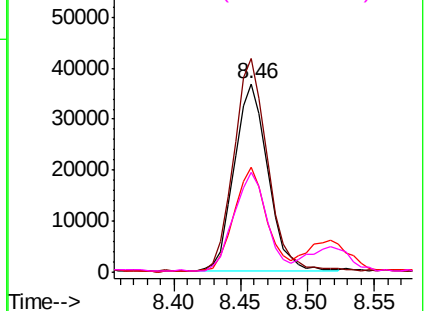


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.725 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.03 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

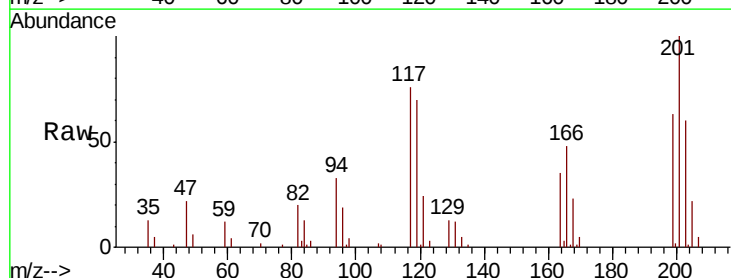
Tgt Ion:117 Resp: 29935

Ion Ratio Lower Upper

117 100

119 92.1 79.0 118.4

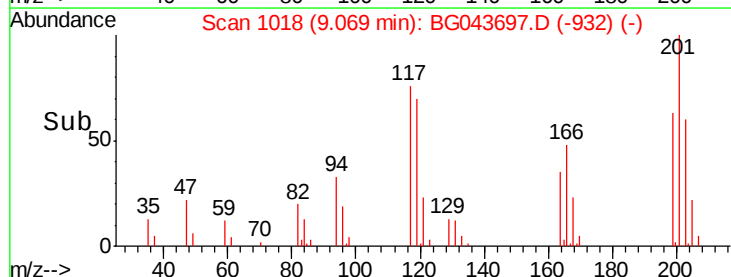
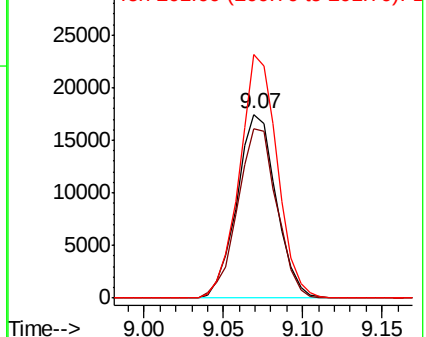
201 132.3 105.4 158.2

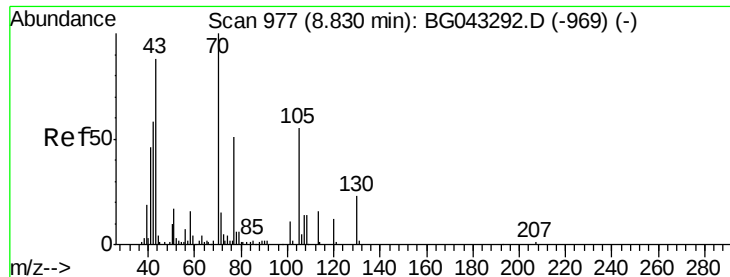


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

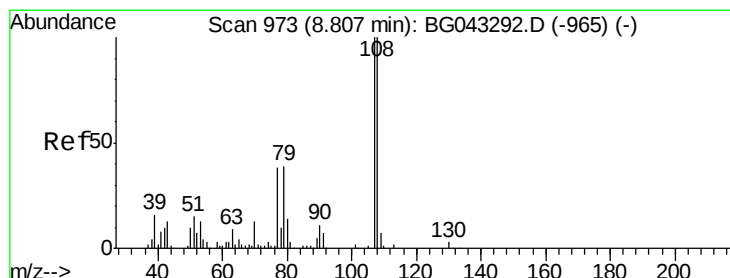
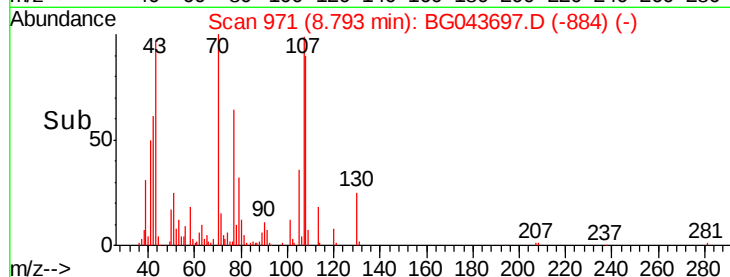
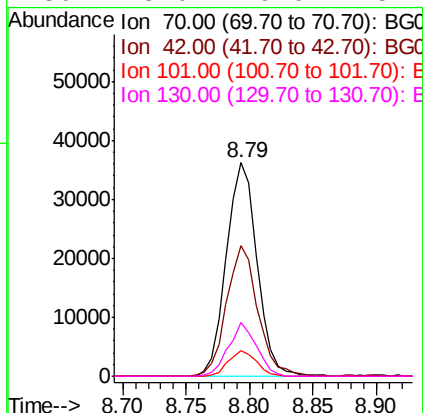
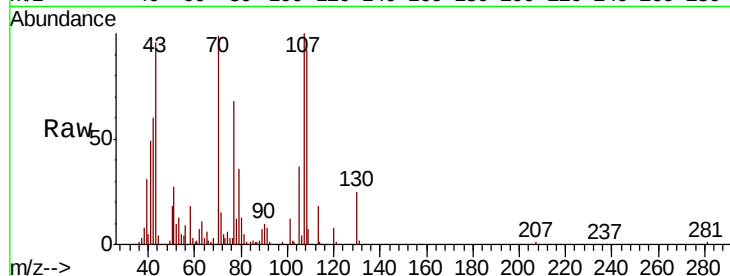




#19
n-Nitroso-di-n-propylamine
Concen: 40.355 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

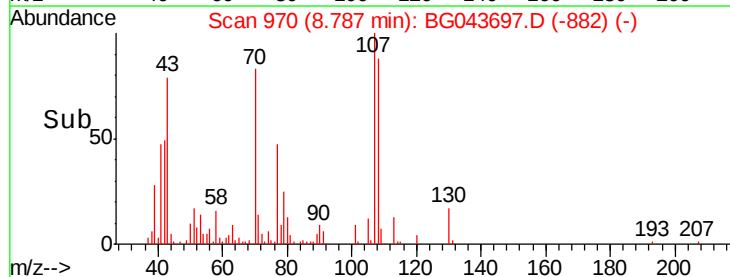
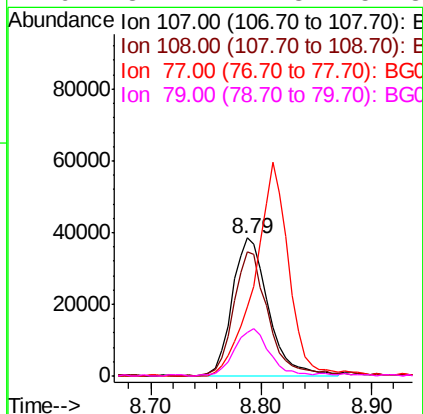
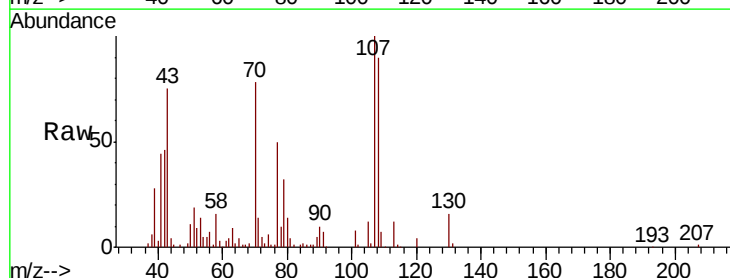
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 60573
Ion Ratio Lower Upper
70 100
42 61.0 41.4 62.2
101 12.1 7.9 11.9#
130 25.0 19.0 28.4



#20
3+4-Methylphenols
Concen: 41.802 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion:107 Resp: 88699
Ion Ratio Lower Upper
107 100
108 90.1 66.6 106.6
77 50.3 20.9 60.9
79 31.7 11.3 51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 128696

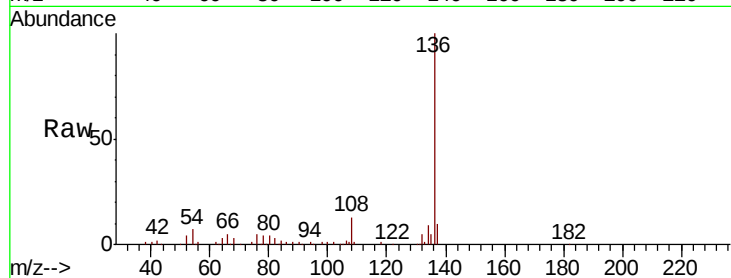
Ion Ratio Lower Upper

136 100

137 9.6 8.7 13.1

54 6.8 5.4 8.2

68 3.1 3.0 4.4

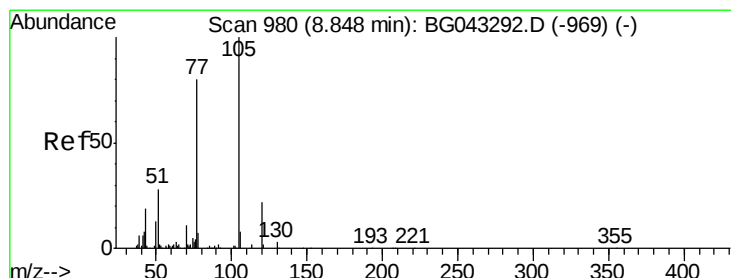
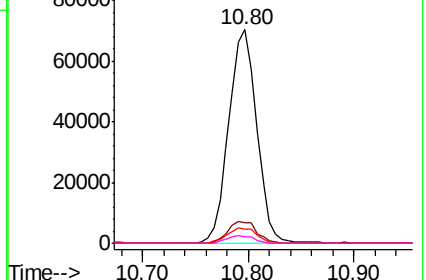
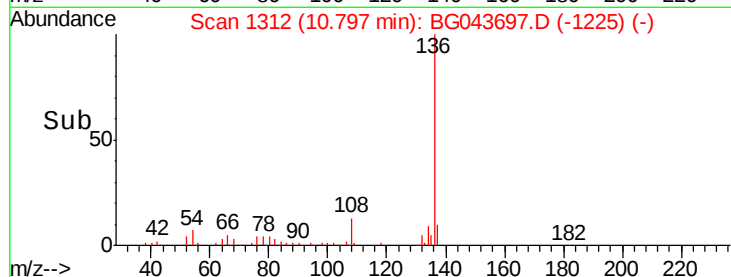


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 36.205 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.03 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Tgt Ion:105 Resp: 119324

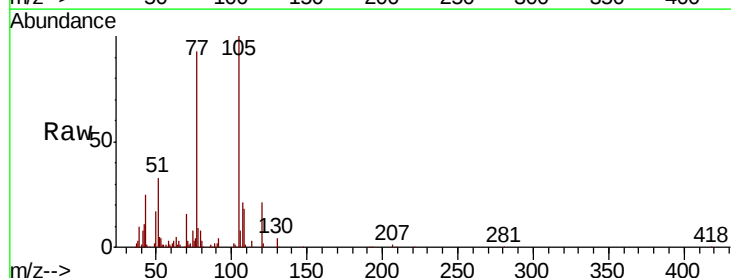
Ion Ratio Lower Upper

105 100

71 2.9 0.8 1.2#

51 33.1 21.0 31.4#

120 20.9 18.0 27.0

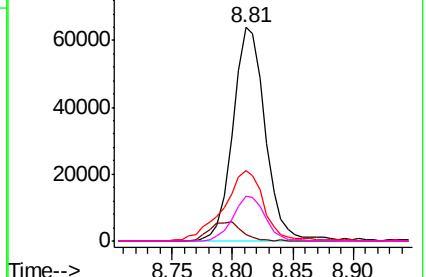
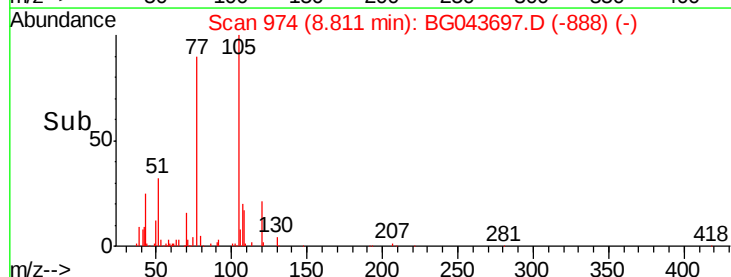


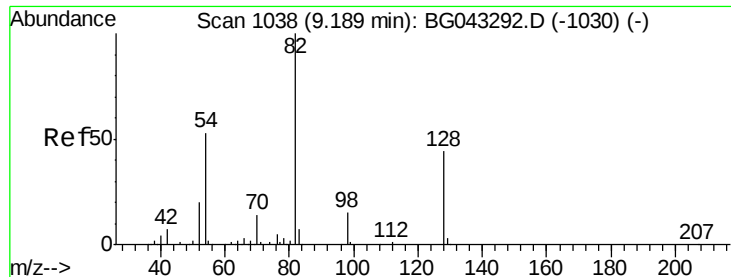
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

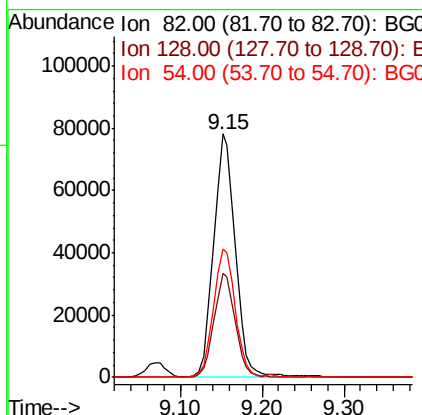
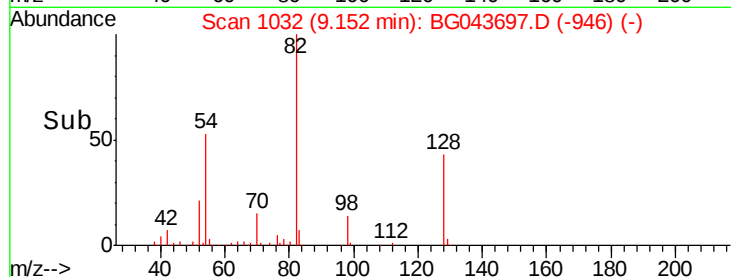
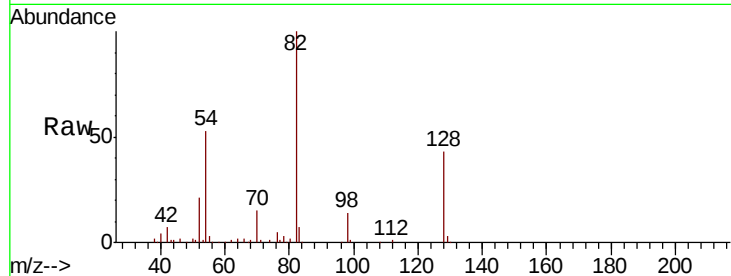




#23
Nitrobenzene-d5
Concen: 58.077 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

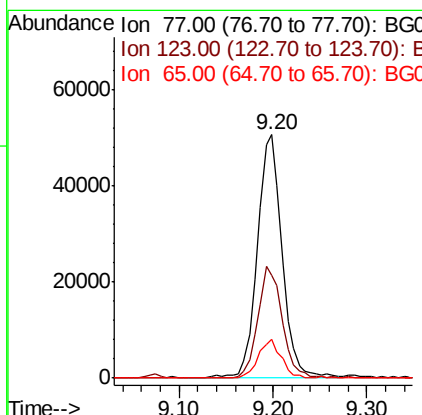
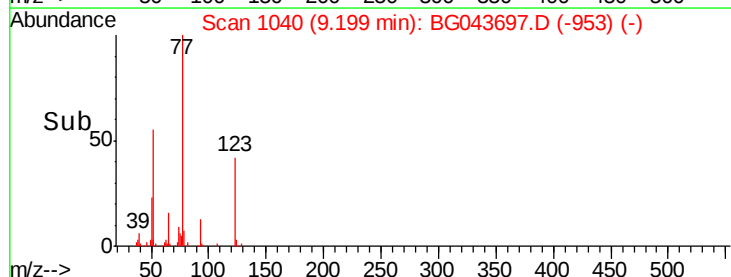
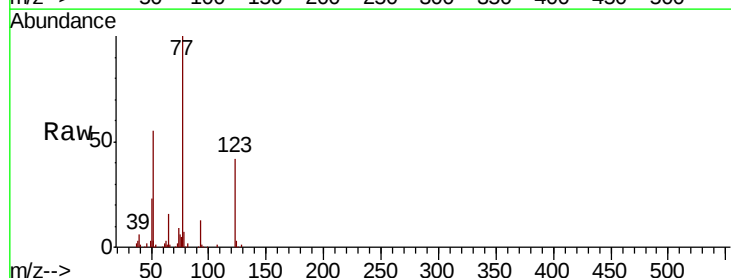
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 144978
Ion Ratio Lower Upper
82 100
128 42.7 35.0 52.6
54 52.7 40.2 60.2



#24
Nitrobenzene
Concen: 38.840 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion: 77 Resp: 92363
Ion Ratio Lower Upper
77 100
123 42.4 35.0 52.6
65 15.9 9.5 14.3#

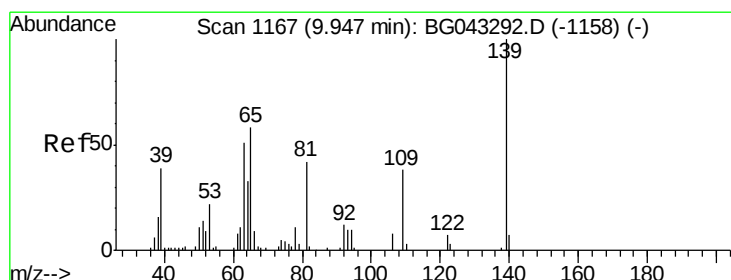
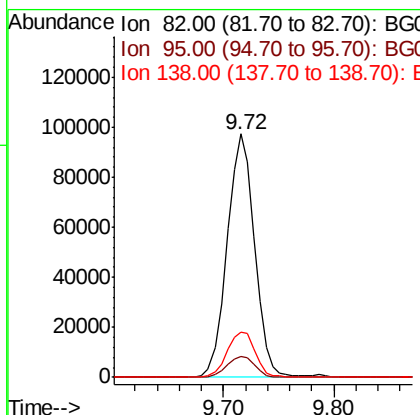
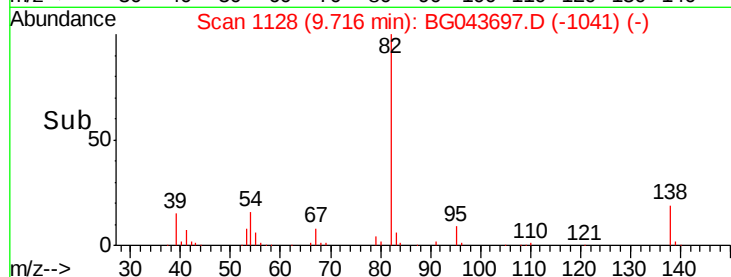
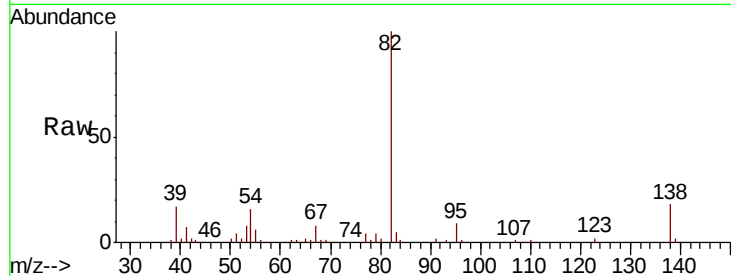




#25
Isophorone
Concen: 37.238 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

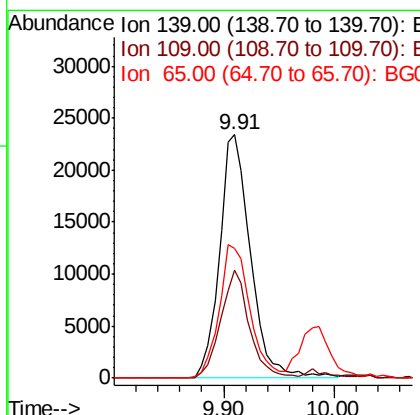
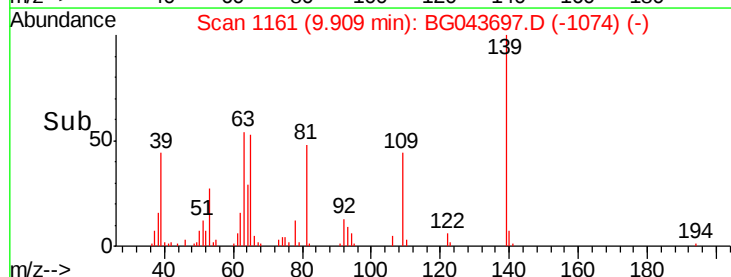
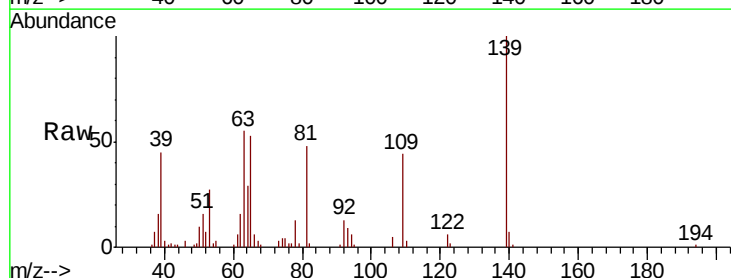
Instrument :
BNA_G
ClientSampleId :

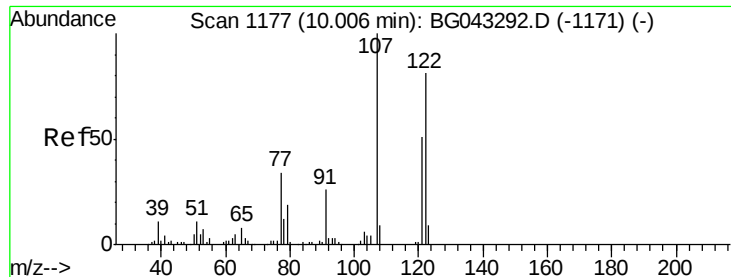
Tot Ion: 82 Resp: 169951
Ion Ratio Lower Upper
82 100
95 8.7 6.6 9.8
138 18.4 15.2 22.8



#26
2-Nitrophenol
Concen: 39.831 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion: 139 Resp: 45729
Ion Ratio Lower Upper
139 100
109 44.4 26.5 39.7#
65 53.4 43.8 65.8

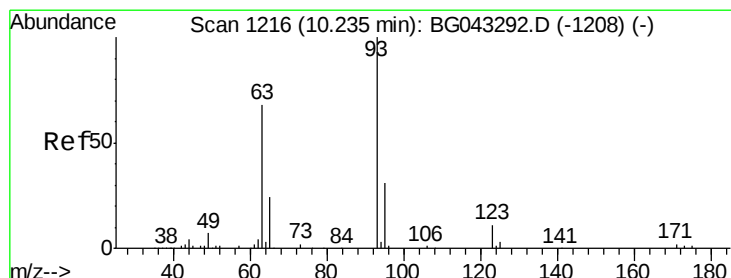
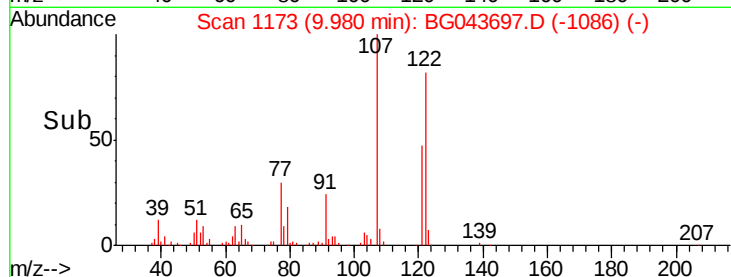
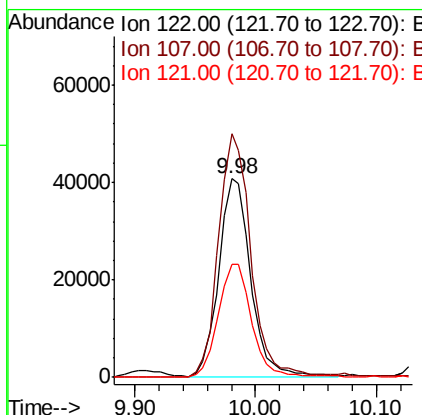
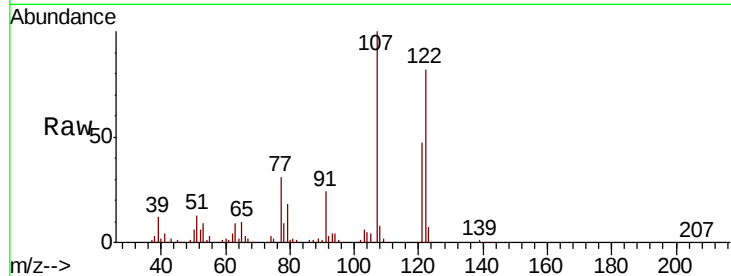




#27
 2,4-Dimethylphenol
 Concen: 44.899 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

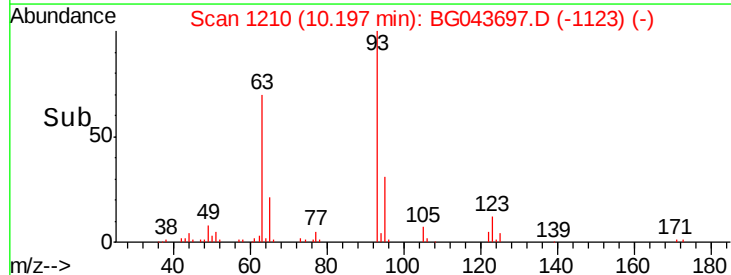
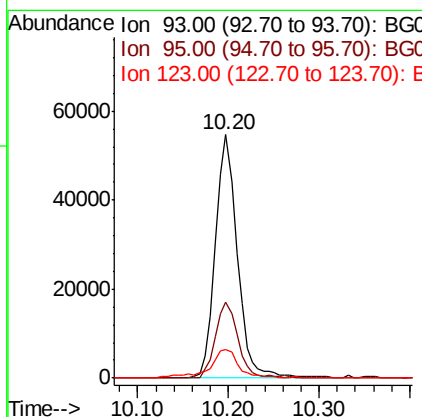
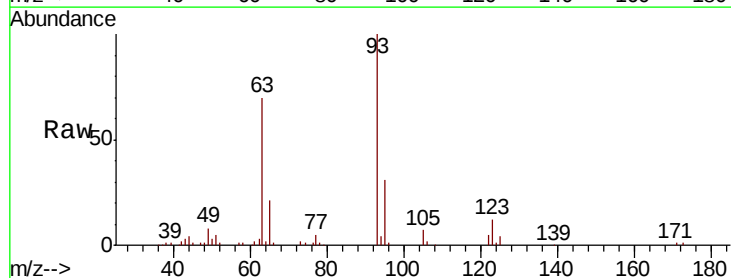
Instrument :
 BNA_G
 ClientSampleId :

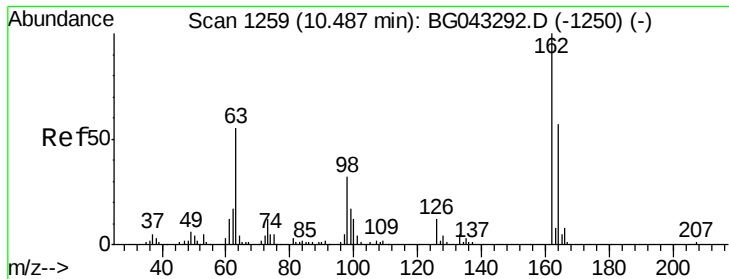
Tot Ion:122 Resp: 73881
 Ion Ratio Lower Upper
 122 100
 107 122.6 104.4 156.6
 121 57.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.593 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion: 93 Resp: 92175
 Ion Ratio Lower Upper
 93 100
 95 31.2 26.0 39.0
 123 11.9 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 37.770 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

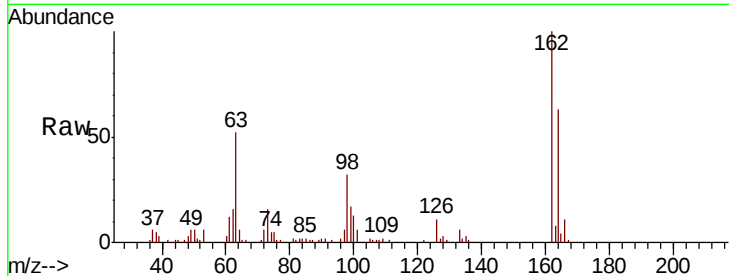
Tot Ion:162 Resp: 79632

Ion Ratio Lower Upper

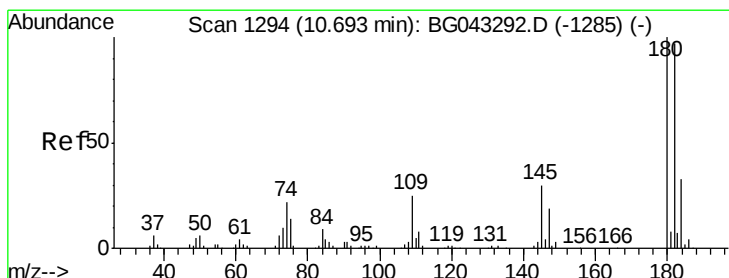
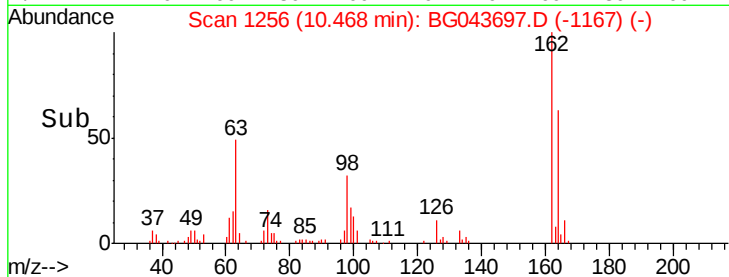
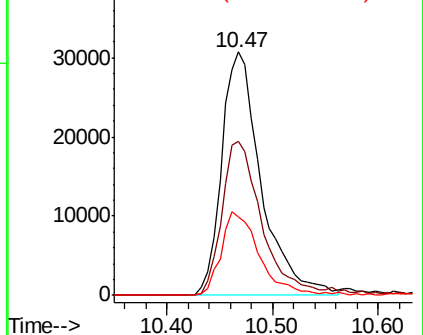
162 100

164 63.2 48.9 88.9

98 32.1 15.1 55.1



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



#30

1,2,4-Trichlorobenzene

Concen: 35.512 ng

RT: 10.66 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

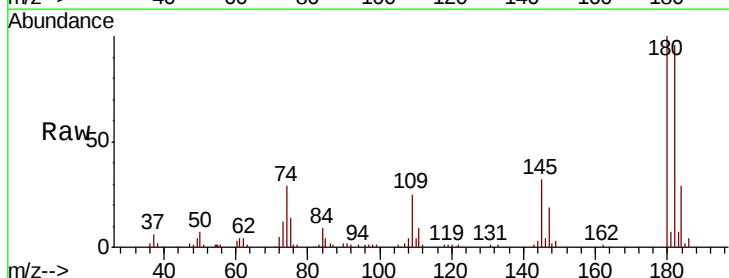
Tgt Ion:180 Resp: 94363

Ion Ratio Lower Upper

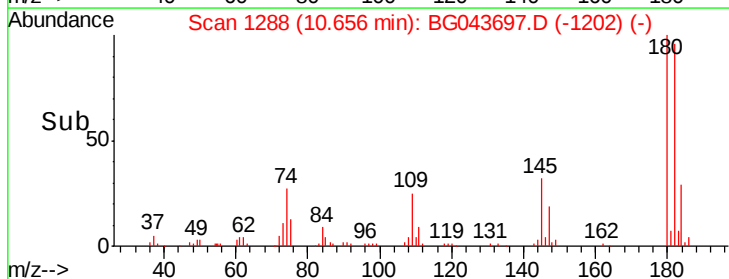
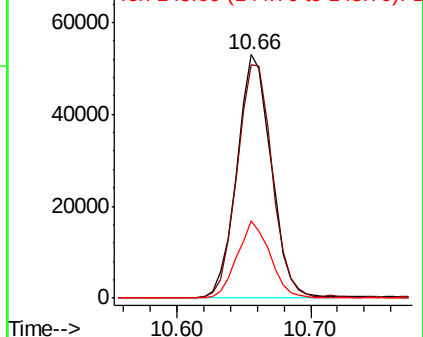
180 100

182 95.9 75.1 112.7

145 31.6 23.9 35.9



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

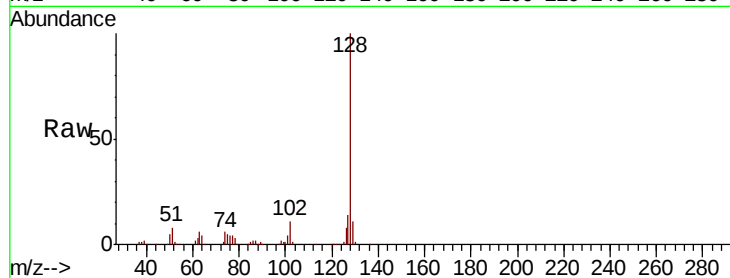




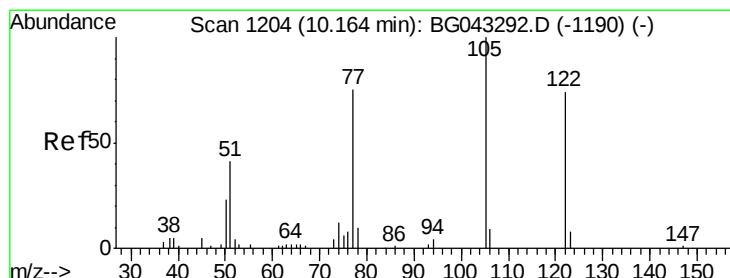
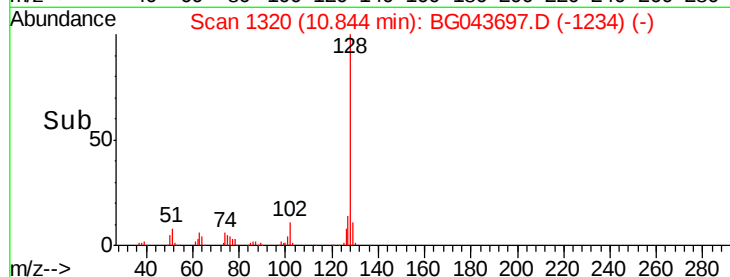
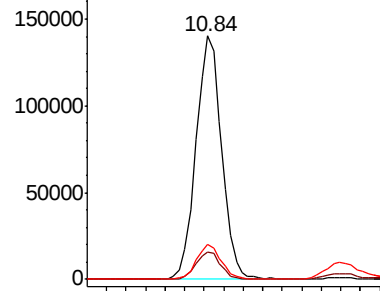
#31
Naphthalene
Concen: 39.159 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.03 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	14.4	11.1	16.7

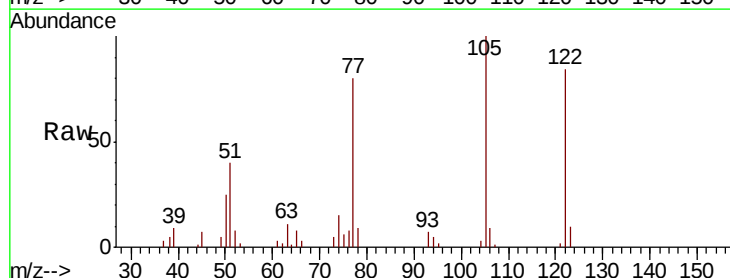


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

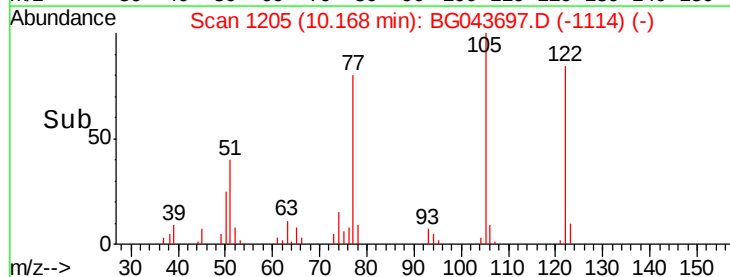
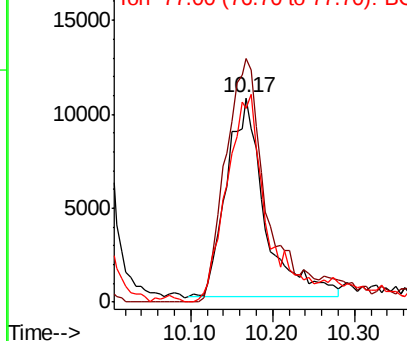


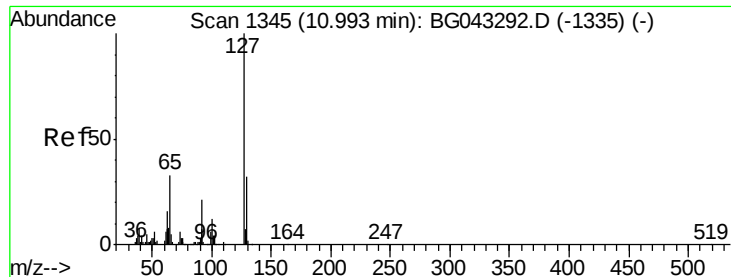
#32
Benzoic acid
Concen: 31.434 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.3	103.3	143.3
77	95.2	84.9	124.9



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): BGO

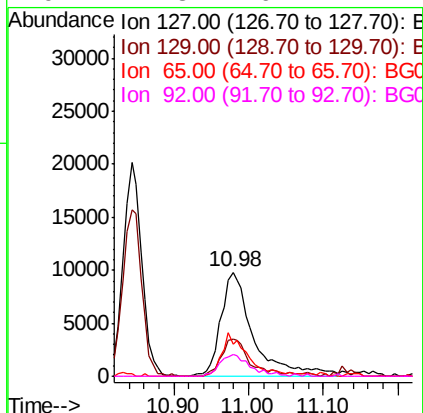
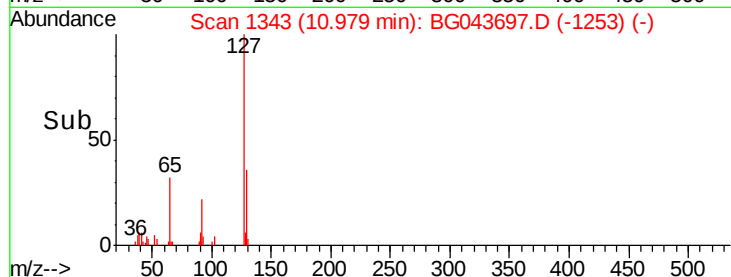
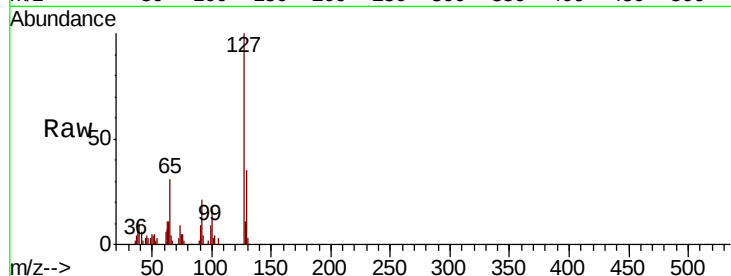




#33
4-Chloroaniline
Concen: 11.069 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

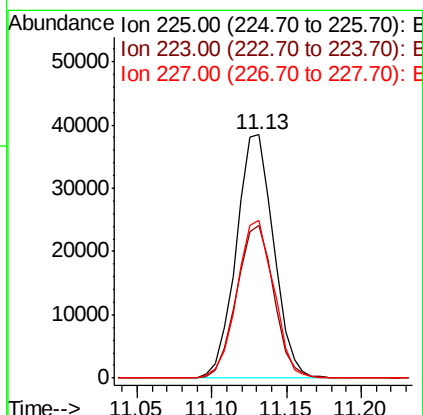
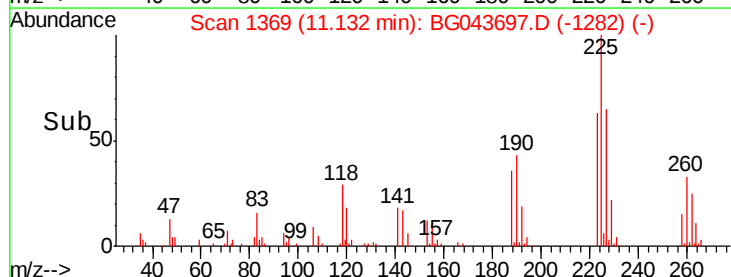
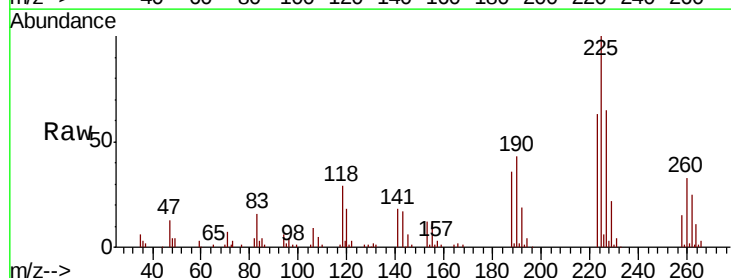
Instrument :
BNA_G
ClientSampleId :

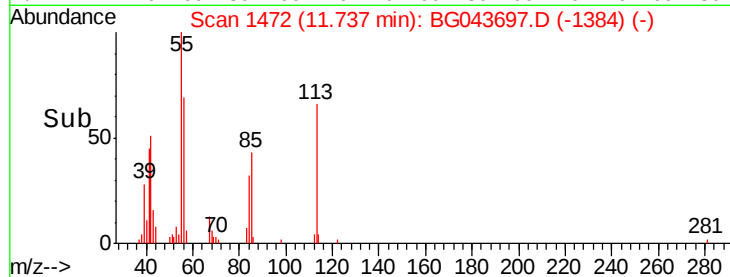
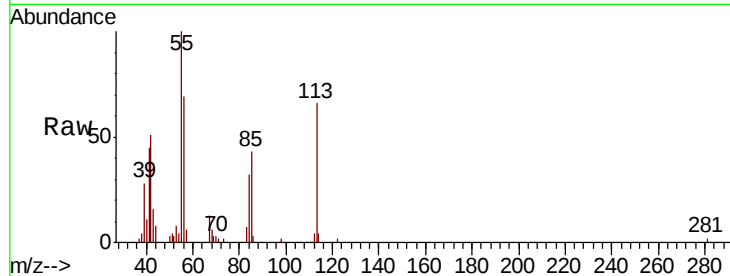
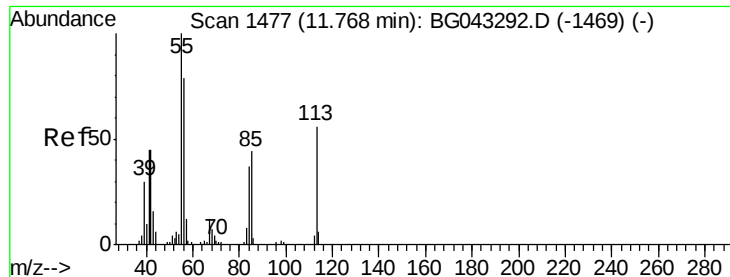
Tot Ion:	127	Resp:	29641
Ion	Ratio	Lower	Upper
127	100		
129	35.3	26.5	39.7
65	30.8	26.4	39.6
92	21.3	16.2	24.2



#34
Hexachlorobutadiene
Concen: 34.043 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion:	225	Resp:	66871
Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.7	79.1
227	64.9	54.8	82.2

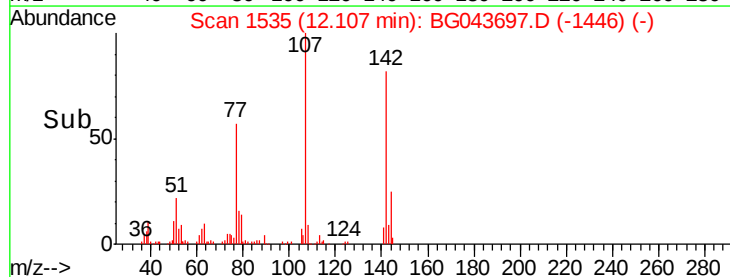
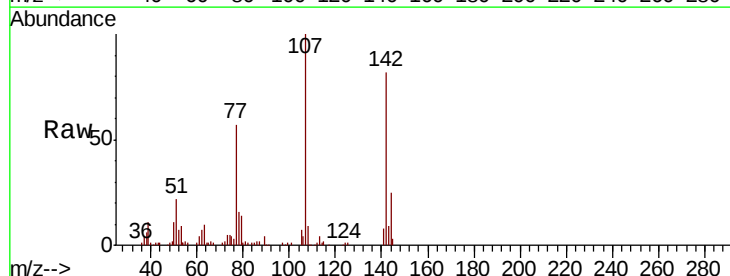
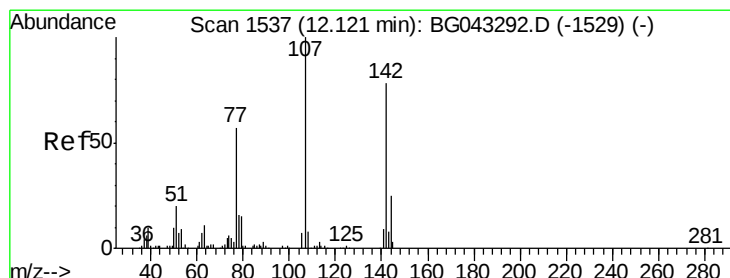
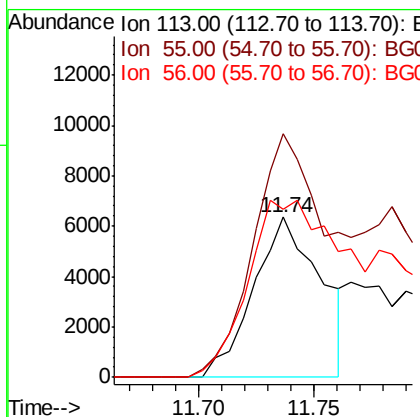




#35
Caprolactam
Concen: 17.680 ng
RT: 11.74 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

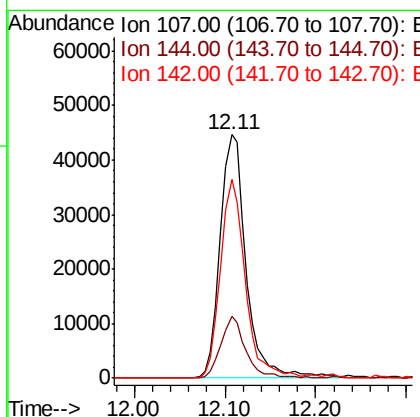
Instrument :
BNA_G
ClientSampleId :

Tot Ion:113 Resp: 12838
Ion Ratio Lower Upper
113 100
55 152.4 134.1 174.1
56 105.5 100.4 140.4



#36
4-Chloro-3-methylphenol
Concen: 38.629 ng
RT: 12.11 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion:107 Resp: 88837
Ion Ratio Lower Upper
107 100
144 25.4 20.9 31.3
142 81.8 59.6 89.4

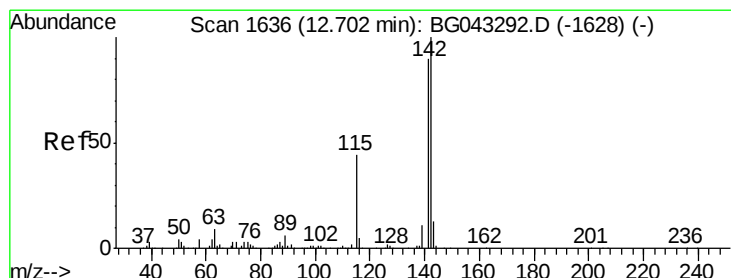
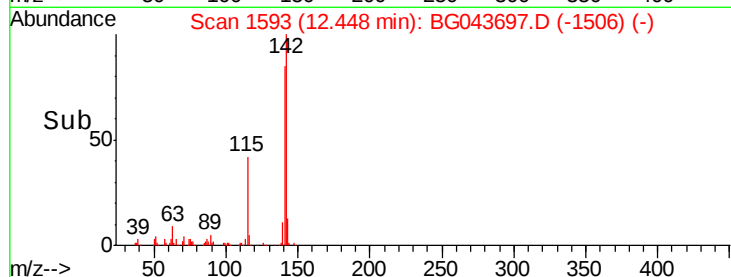
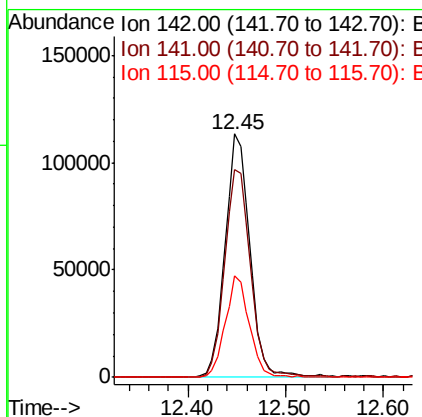
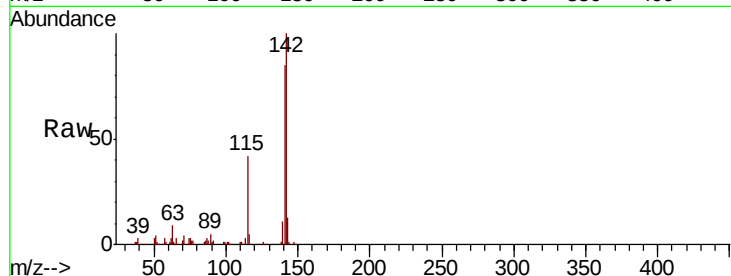




#37
 2-Methylnaphthalene
 Concen: 39.895 ng
 RT: 12.45 min Scan# 1593
 Delta R.T. -0.02 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

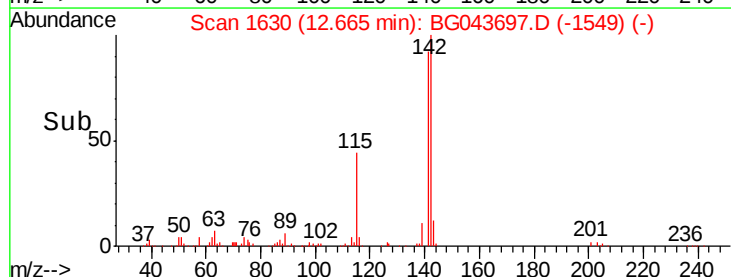
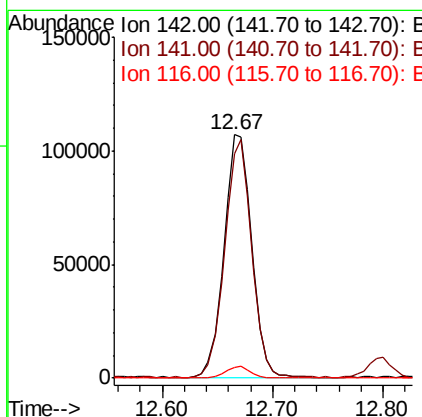
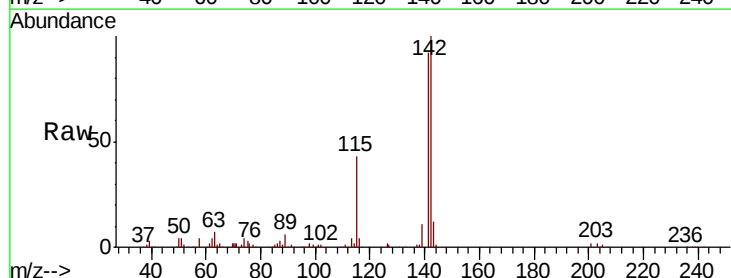
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.5	72.2	108.2
115	41.7	33.2	49.8



#38
 1-Methylnaphthalene
 Concen: 39.353 ng
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.03 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.2	109.8
116	4.5	3.6	5.4

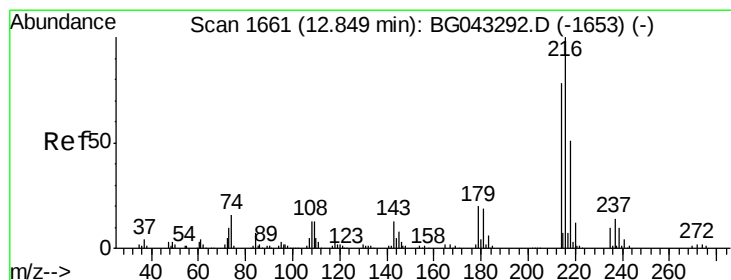
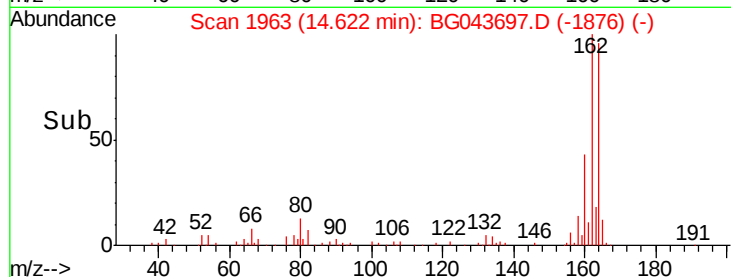
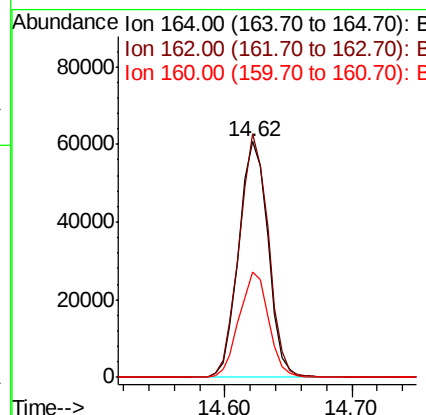
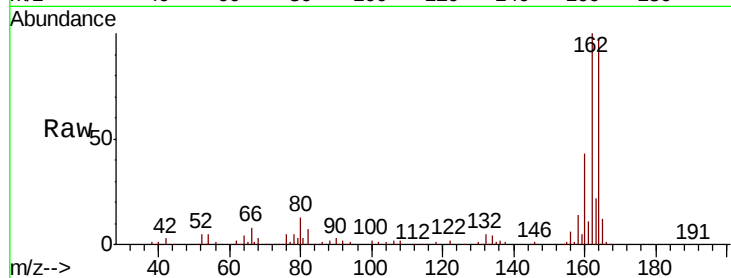




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.02 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

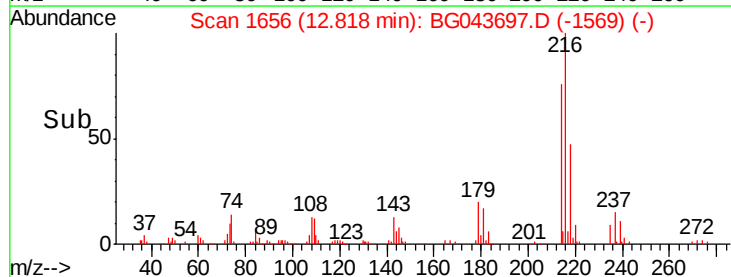
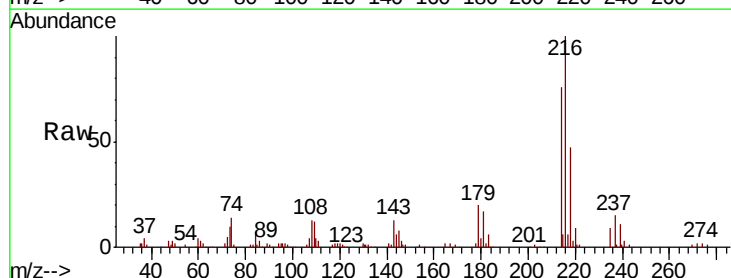
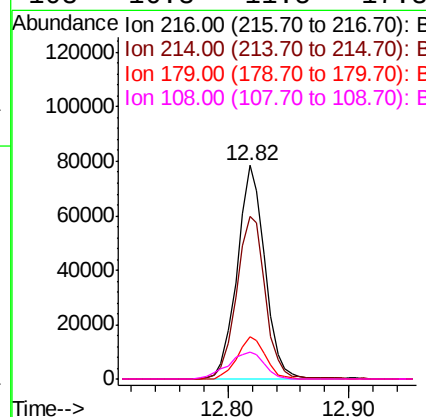
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.5	125.3
160	44.6	36.5	54.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.959 ng
 RT: 12.82 min Scan# 1656
 Delta R.T. -0.02 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	61.7	92.5
179	20.2	15.8	23.8
108	16.3	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 72.933 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.03 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

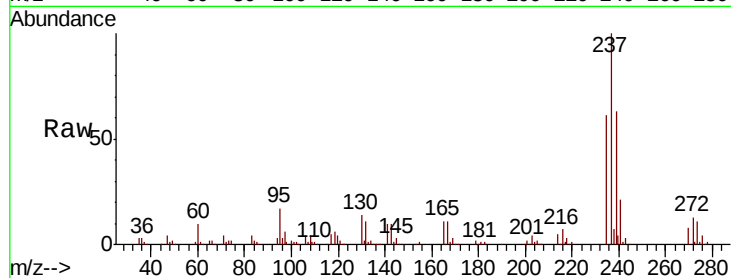
Tot Ion:237 Resp: 137387

Ion Ratio Lower Upper

237 100

235 60.7 41.6 81.6

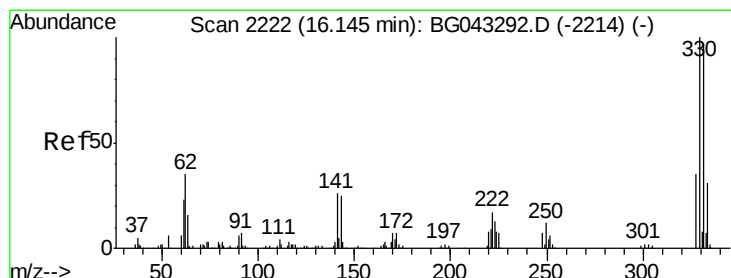
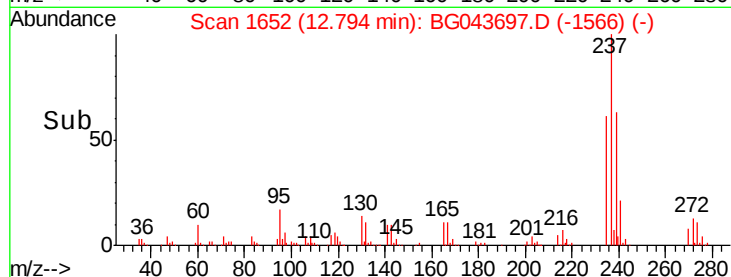
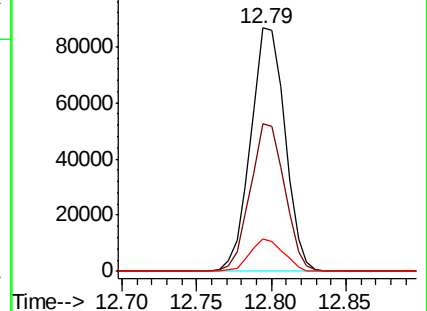
272 13.2 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 93.326 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

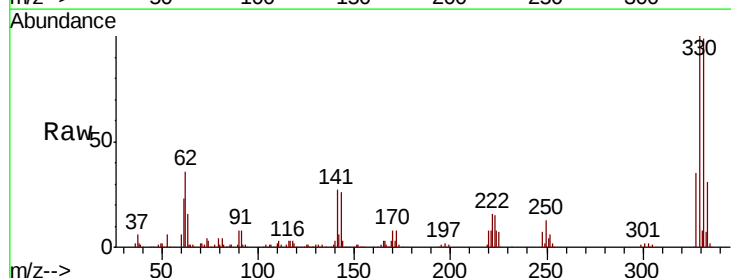
Tgt Ion:330 Resp: 172087

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

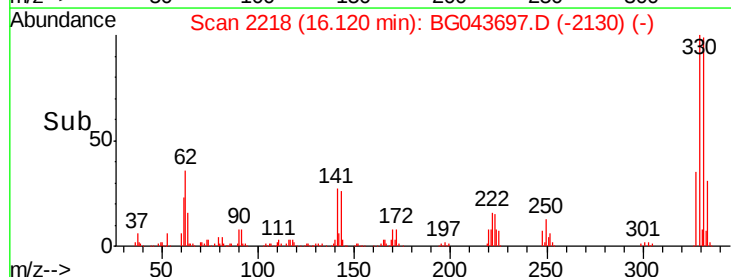
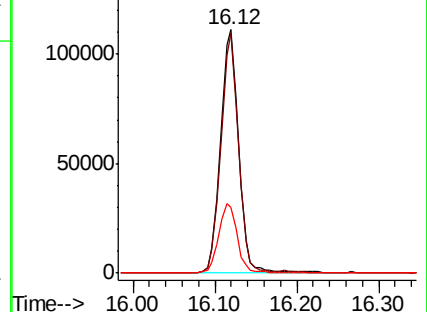
141 29.0 22.8 34.2

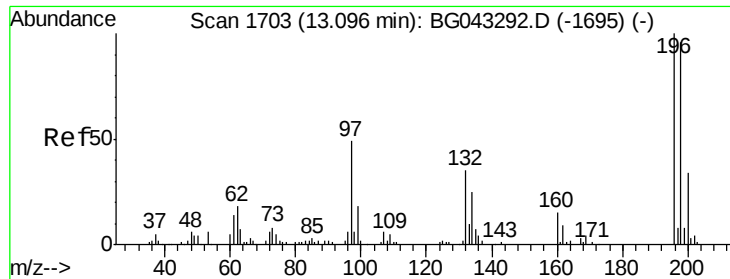


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

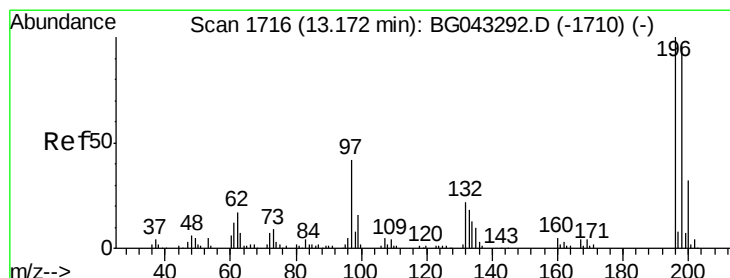
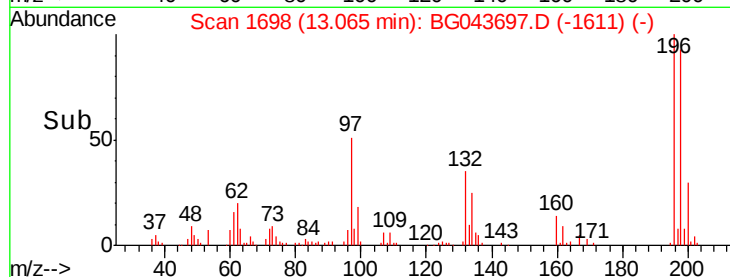
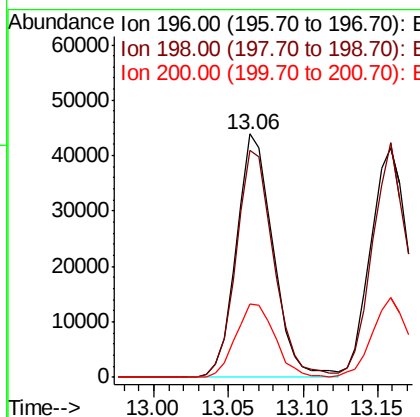
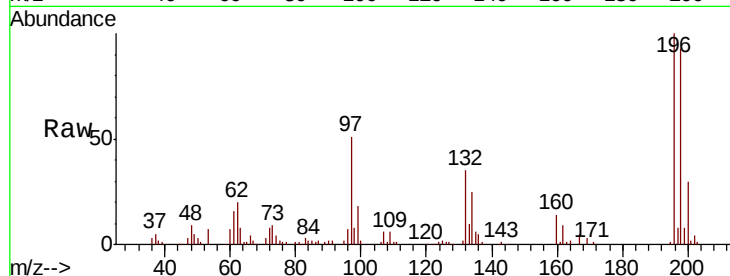




#43
 2,4,6-Trichlorophenol
 Concen: 35.665 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.02 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

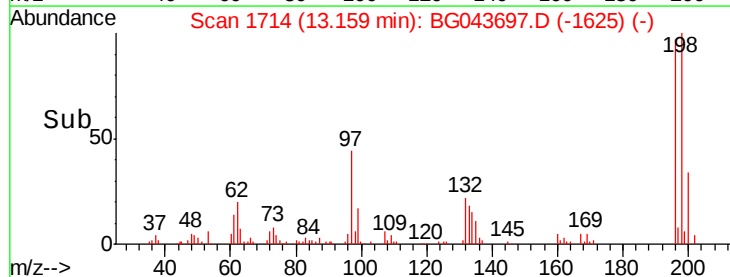
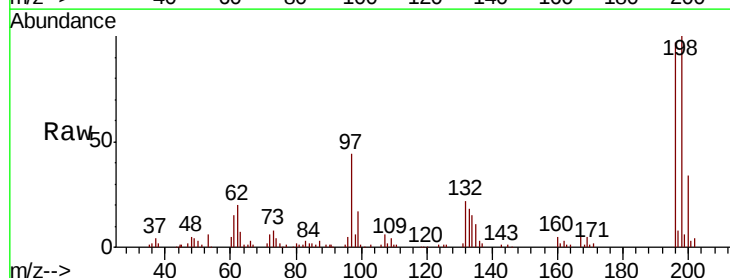
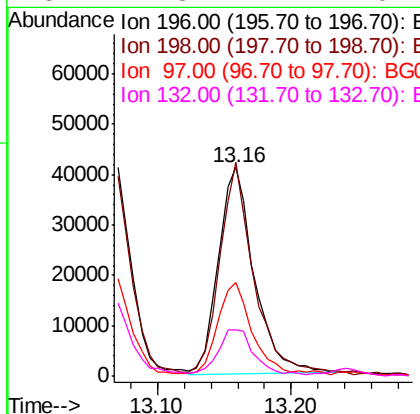
Instrument :
 BNA_G
 ClientSampled :

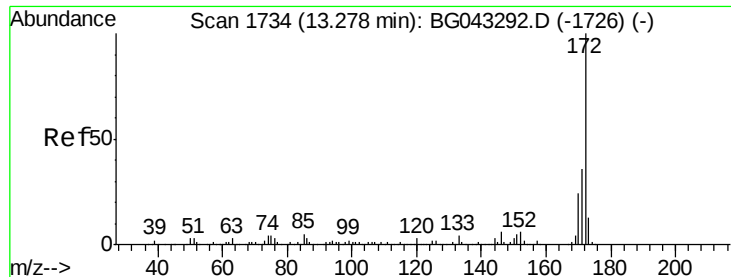
Tot Ion:196 Resp: 75317
 Ion Ratio Lower Upper
 196 100
 198 93.0 75.8 113.6
 200 30.3 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 36.126 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion:196 Resp: 77129
 Ion Ratio Lower Upper
 196 100
 198 102.7 74.5 111.7
 97 45.0 36.3 54.5
 132 22.3 17.4 26.2

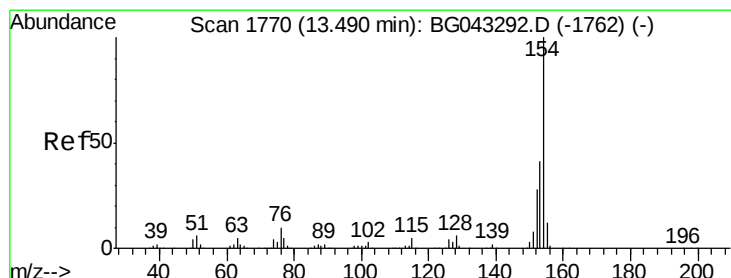
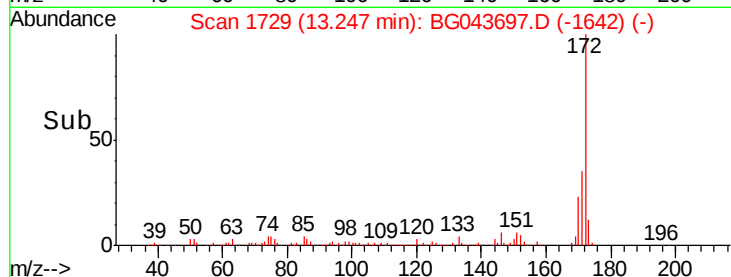
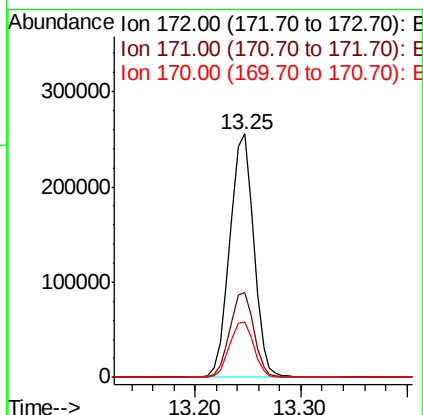
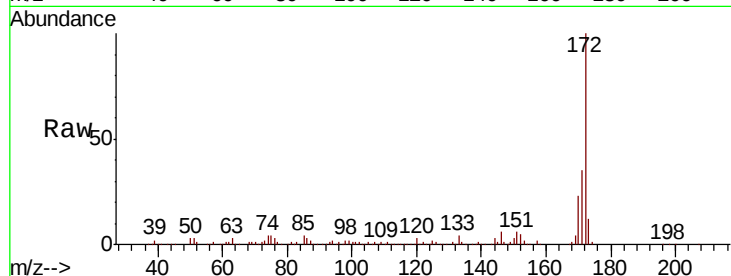




#45
2-Fluorobiphenyl
Concen: 56.898 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

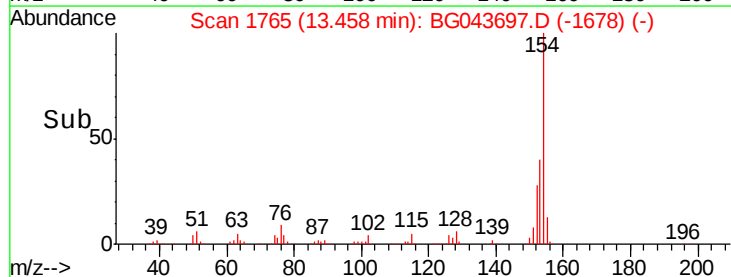
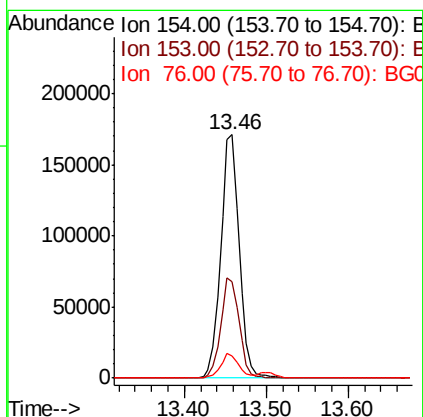
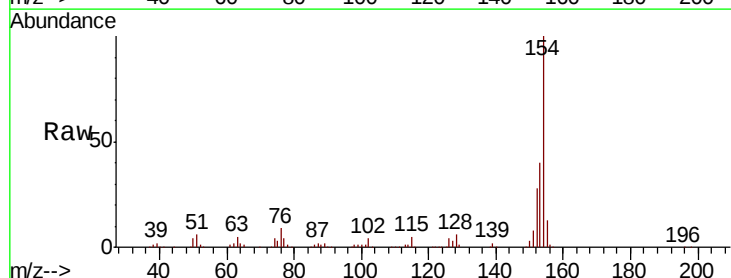
Instrument :
BNA_G
ClientSampleId :

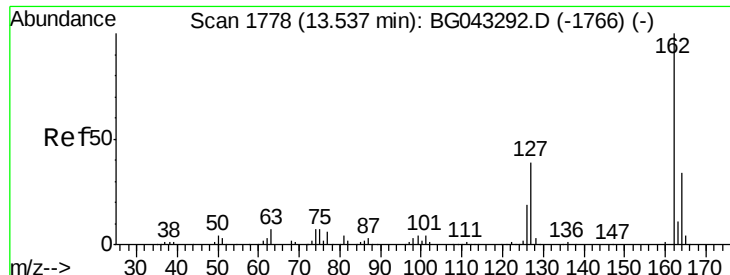
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.9	43.3
170	22.8	18.5	27.7



#46
1,1'-Biphenyl
Concen: 36.521 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.9	59.9
76	9.3	0.0	29.4

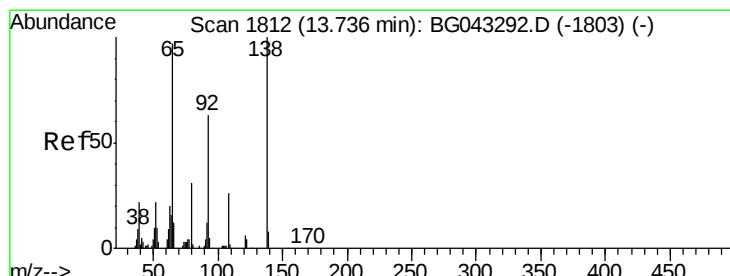
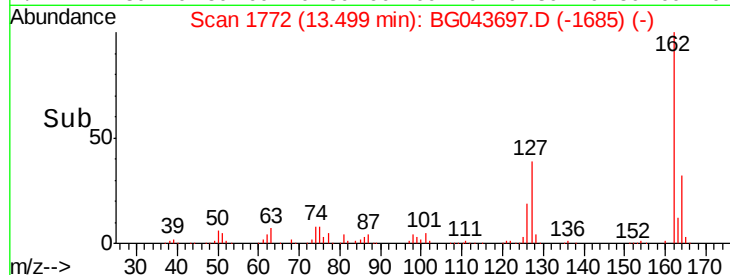
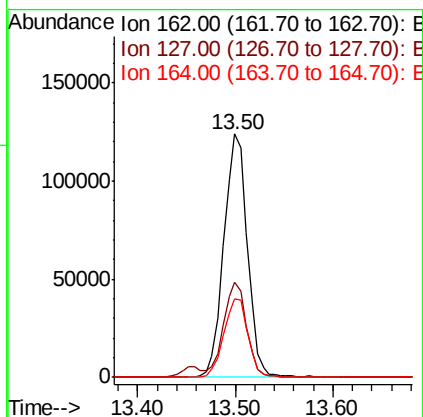
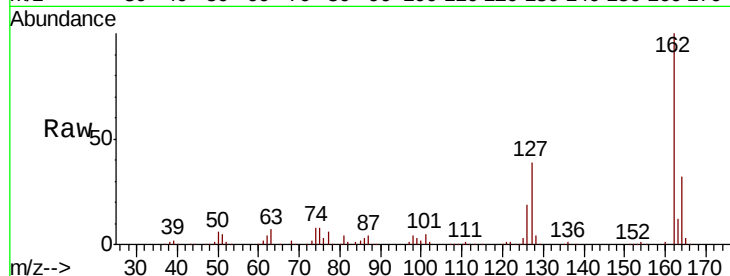




#47
 2-Chloronaphthalene
 Concen: 37.040 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

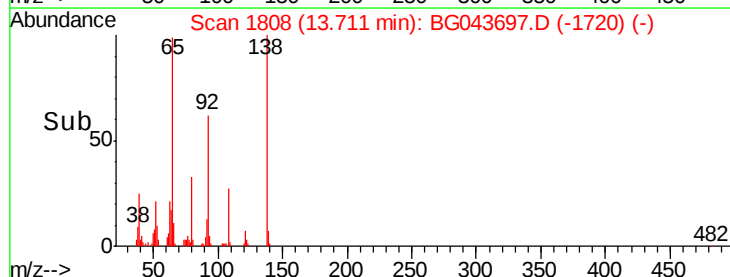
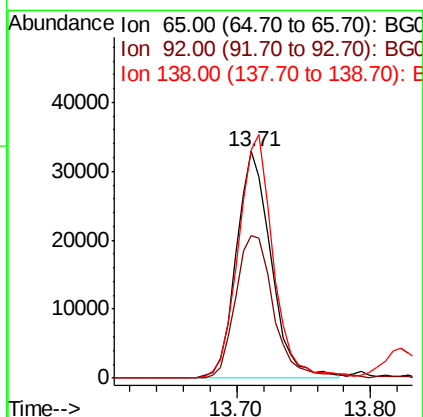
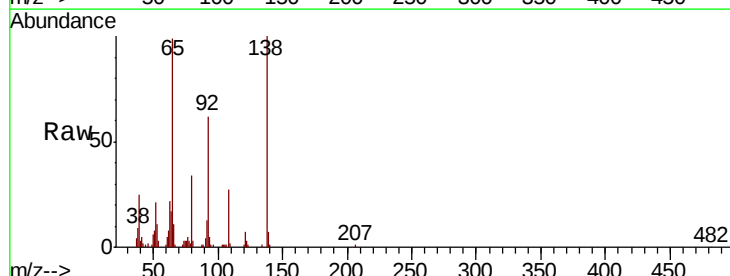
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 207745
 Ion Ratio Lower Upper
 162 100
 127 39.2 31.2 46.8
 164 32.2 25.8 38.8



#48
 2-Nitroaniline
 Concen: 35.362 ng
 RT: 13.71 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion: 65 Resp: 59277
 Ion Ratio Lower Upper
 65 100
 92 62.8 56.2 84.2
 138 100.6 82.6 123.8





#49

Acenaphthylene

Concen: 38.887 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampled :

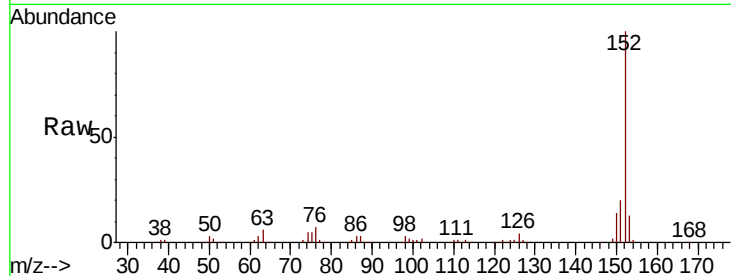
Tot Ion:152 Resp: 339441

Ion Ratio Lower Upper

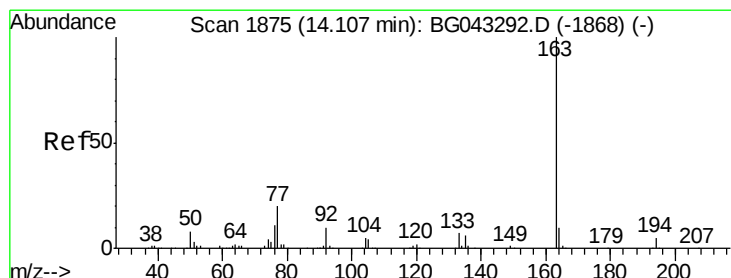
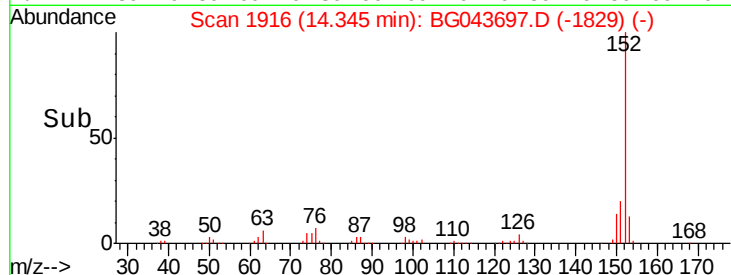
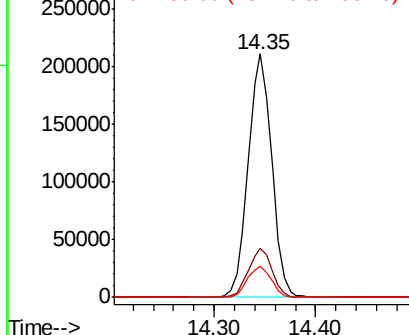
152 100

151 20.4 16.2 24.4

153 13.0 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.503 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

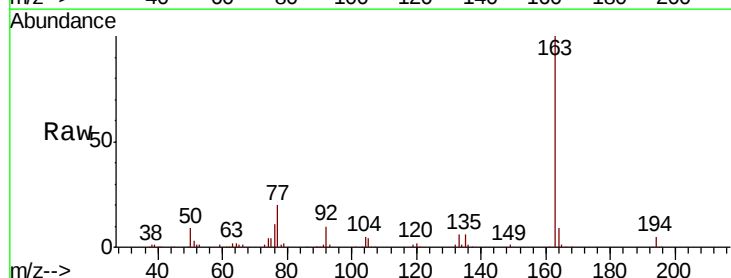
Tgt Ion:163 Resp: 273963

Ion Ratio Lower Upper

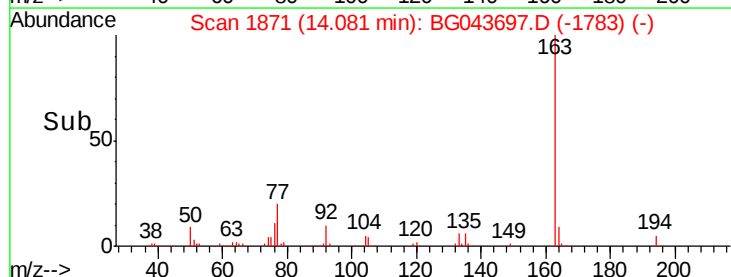
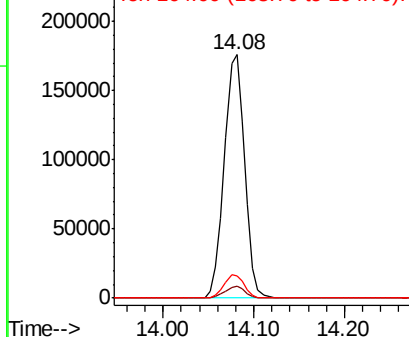
163 100

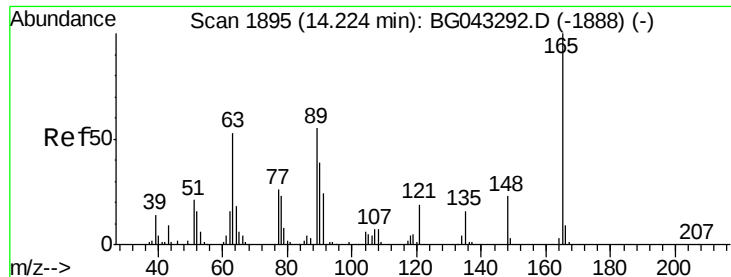
194 4.8 3.8 5.6

164 8.9 8.9 13.3#



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: 36.880 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

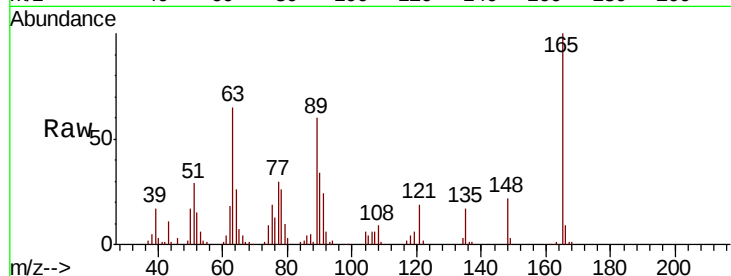
Tot Ion:165 Resp: 60133

Ion Ratio Lower Upper

165 100

63 64.9 46.6 69.8

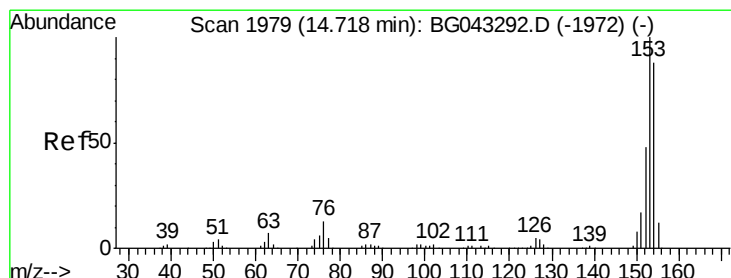
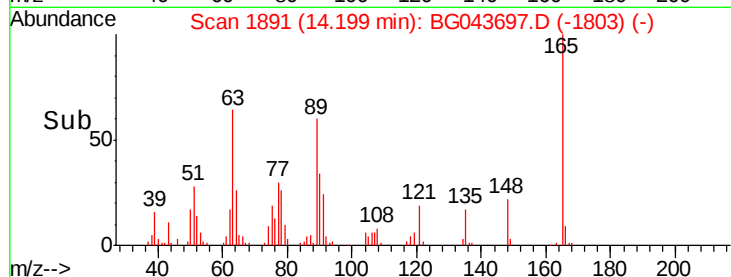
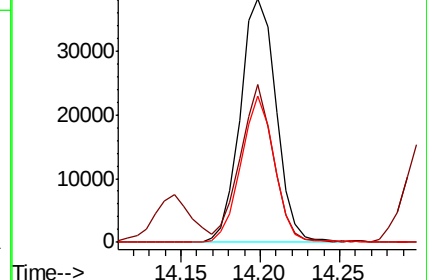
89 60.0 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 38.313 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

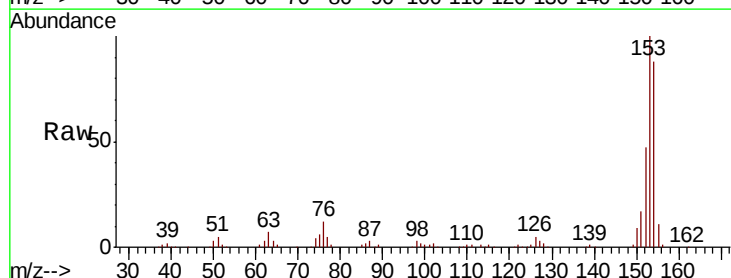
Tgt Ion:154 Resp: 203950

Ion Ratio Lower Upper

154 100

153 114.1 88.2 132.2

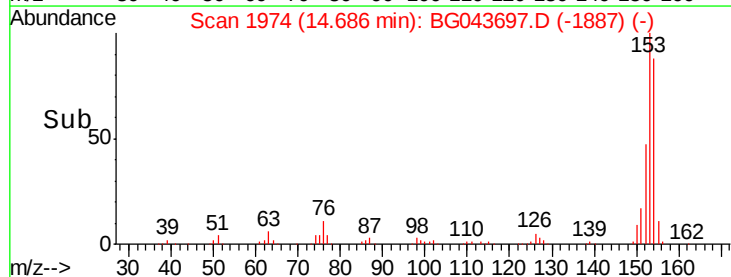
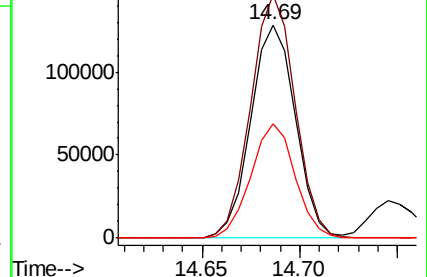
152 53.7 40.0 60.0

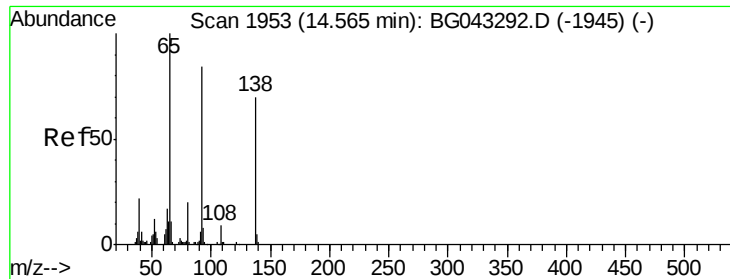


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

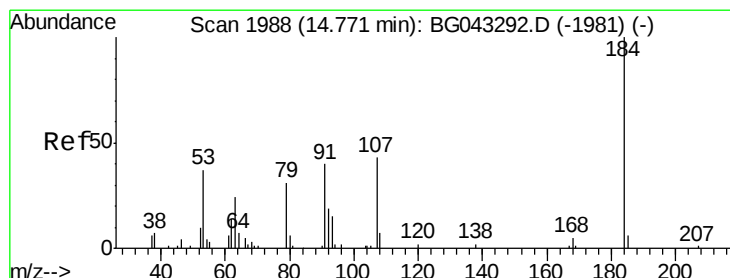
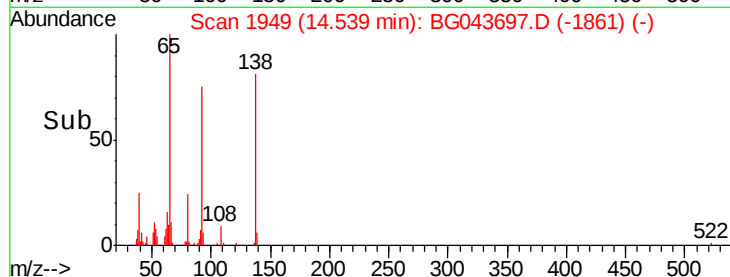
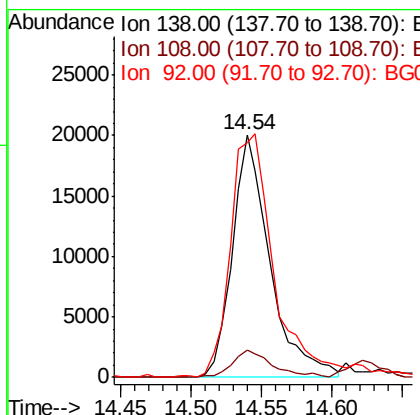
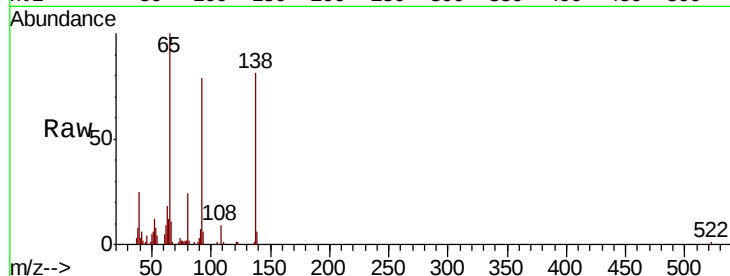




#53
 3-Nitroaniline
 Concen: 23.590 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

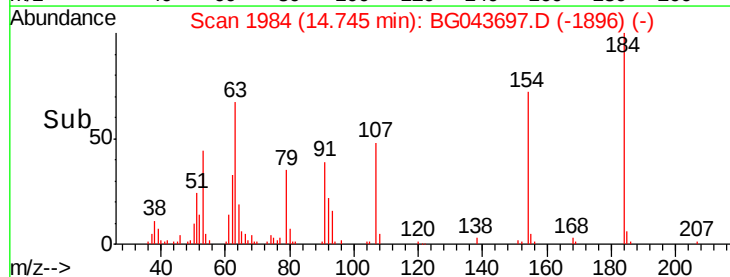
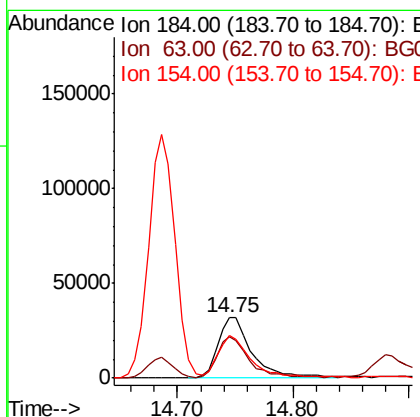
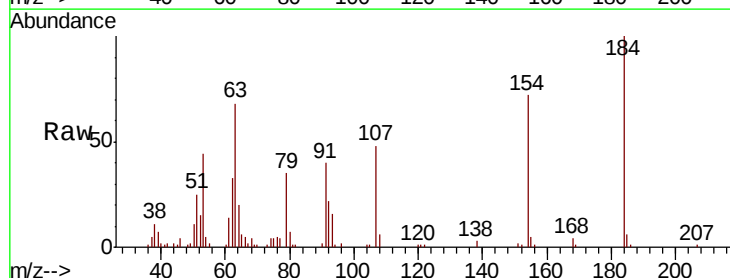
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 37136
 Ion Ratio Lower Upper
 138 100
 108 11.0 8.0 12.0
 92 97.0 90.9 136.3



#54
 2,4-Dinitrophenol
 Concen: 65.099 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion:184 Resp: 64762
 Ion Ratio Lower Upper
 184 100
 63 68.3 51.3 76.9
 154 71.7 55.4 83.0

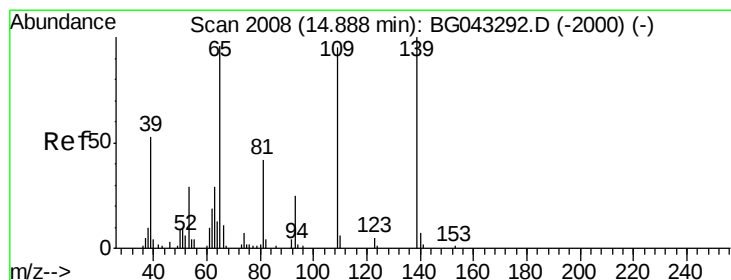
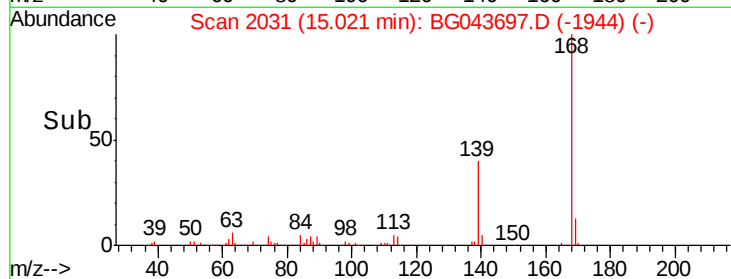
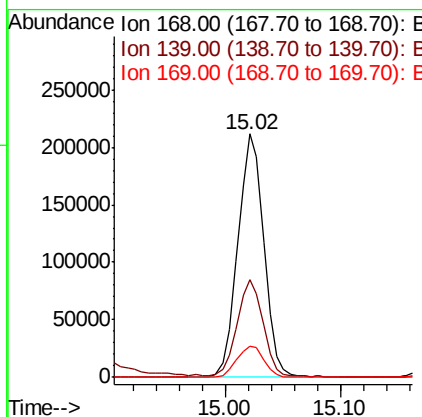
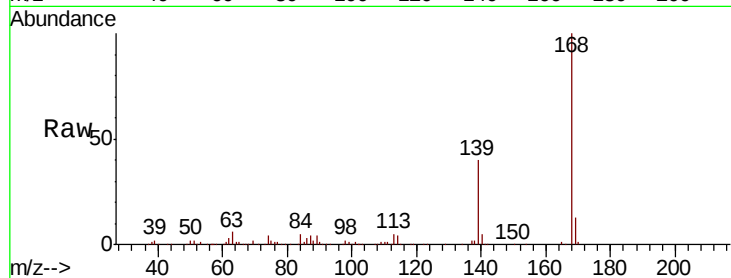




#55
Dibenzofuran
Concen: 38.144 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

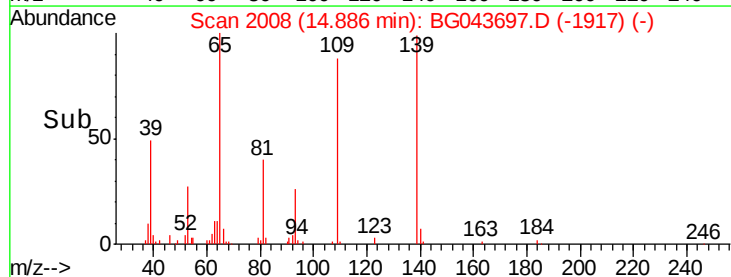
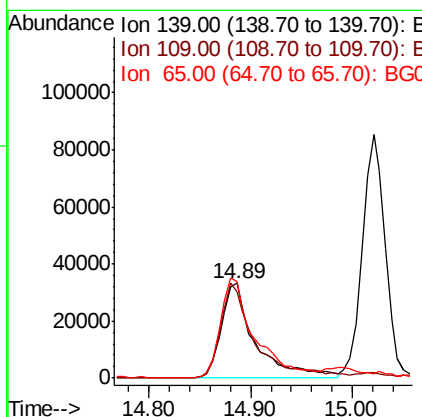
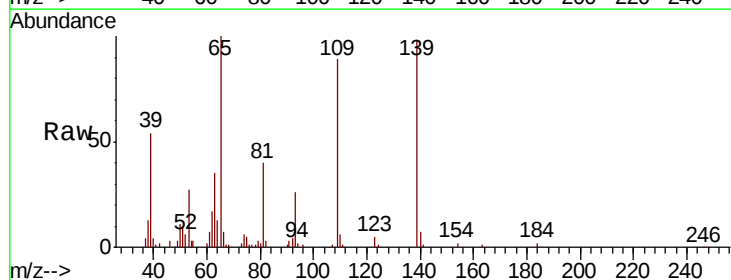
Instrument :
BNA_G
ClientSampleId :

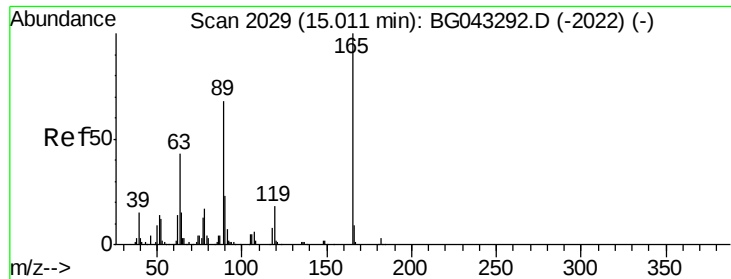
Tot Ion:168 Resp: 329277
Ion Ratio Lower Upper
168 100
139 40.3 31.0 46.6
169 13.0 11.7 17.5



#56
4-Nitrophenol
Concen: 73.255 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion:139 Resp: 77279
Ion Ratio Lower Upper
139 100
109 90.7 87.2 127.2
65 101.8 83.8 123.8

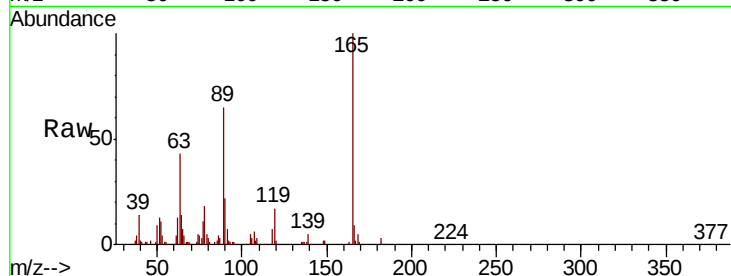




#57
2,4-Dinitrotoluene
Concen: 38.031 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.5	33.2	49.8
89	64.5	52.2	78.4
182	2.9	2.0	3.0



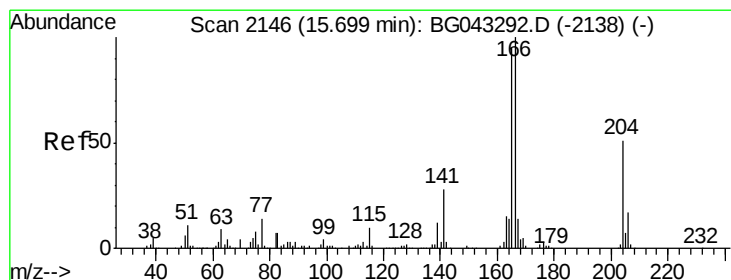
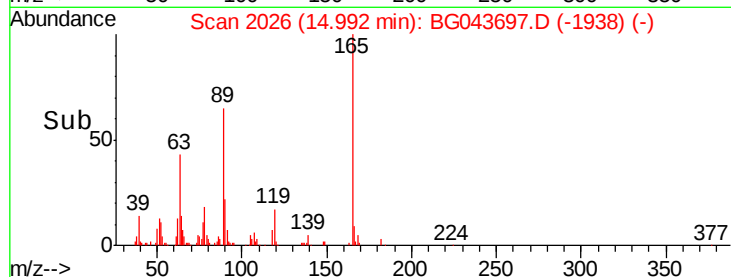
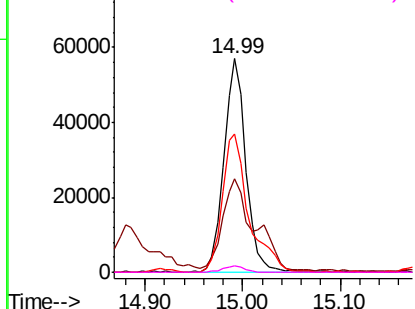
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

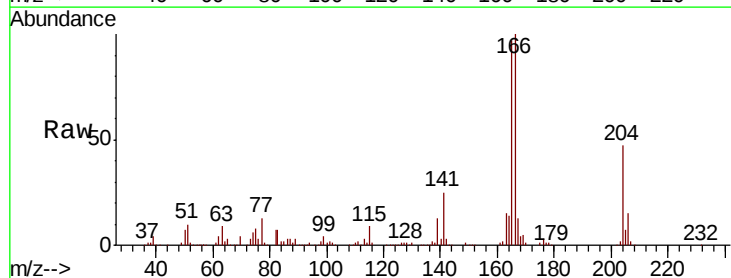
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.151 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.0	118.6
167	13.4	10.5	15.7

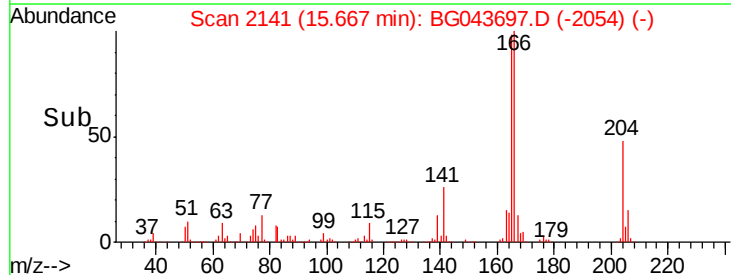
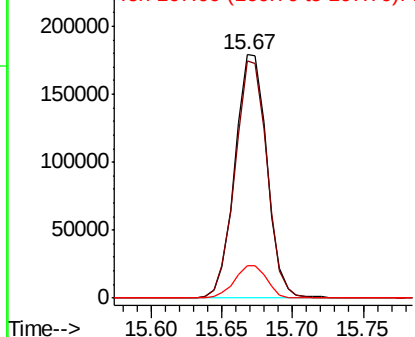


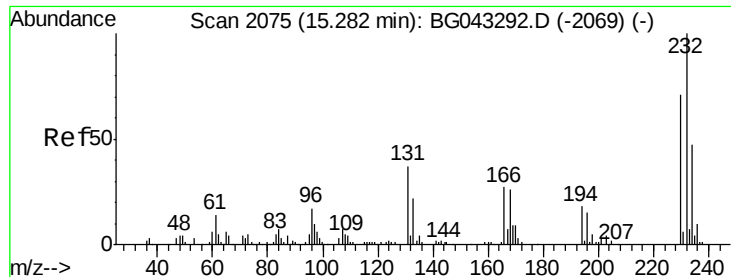
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

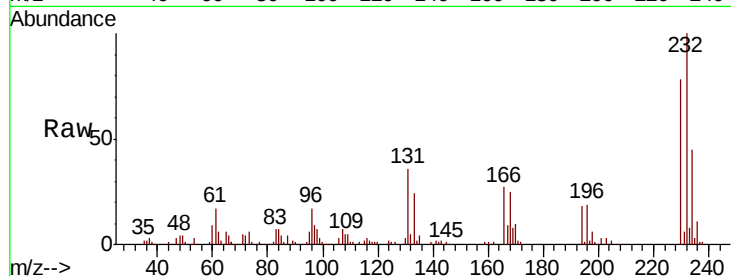




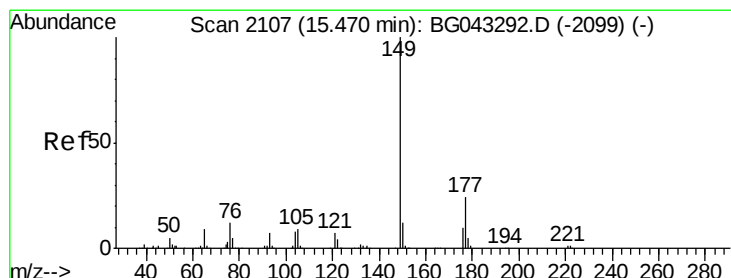
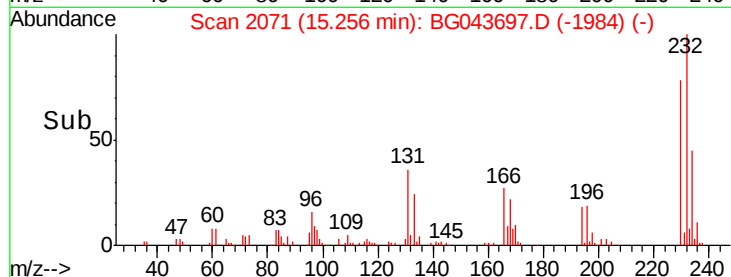
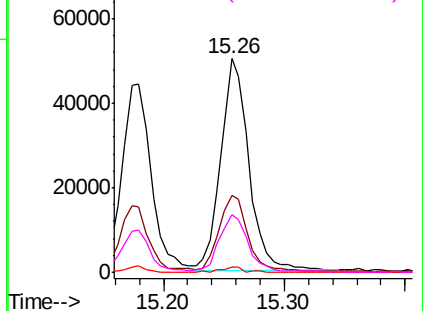
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.652 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. -0.02 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	80872
Ion	Ratio	Lower	Upper
232	100		
131	36.4	26.9	40.3
130	1.9	1.8	2.6
166	28.7	20.9	31.3

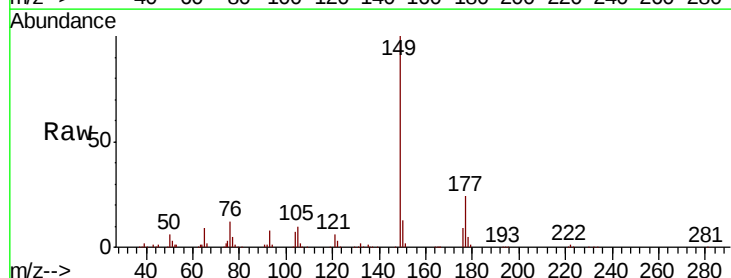


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

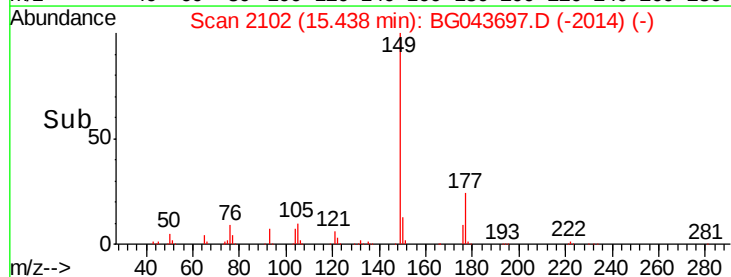
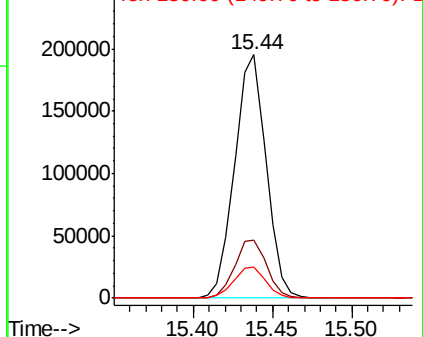


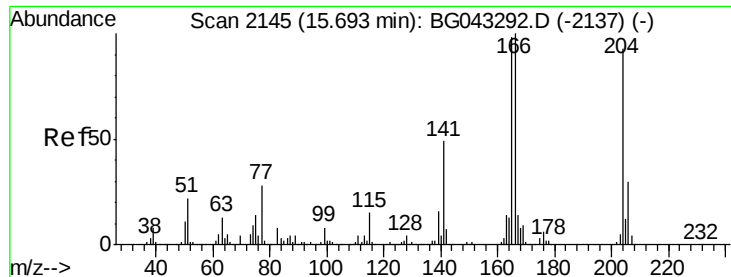
#60
 Diethylphthalate
 Concen: 35.713 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion:	149	Resp:	269317
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.6	29.4
150	13.0	10.8	16.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

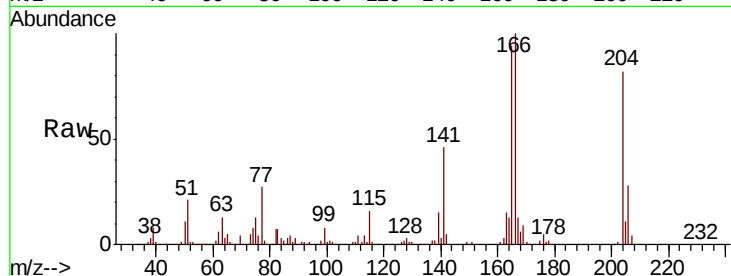




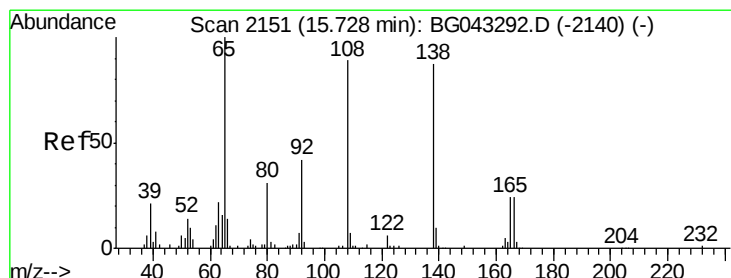
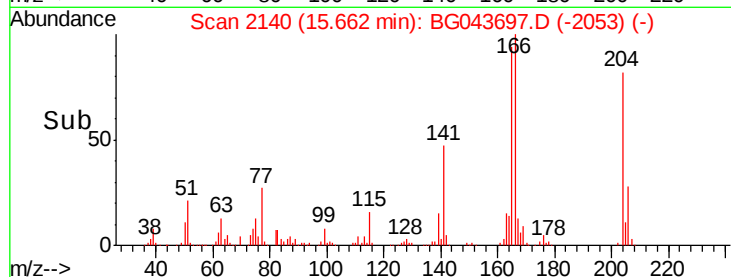
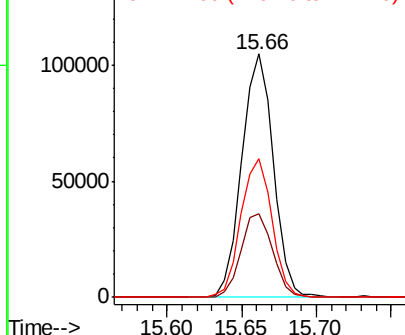
#61
4-Chlorophenyl-phenylether
Concen: 36.312 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 153372
Ion Ratio Lower Upper
204 100
206 34.1 28.4 42.6
141 56.7 43.0 64.6

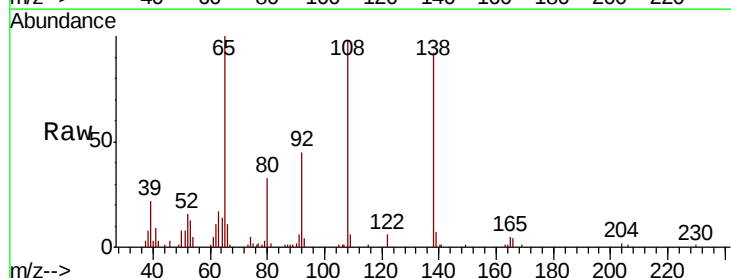


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

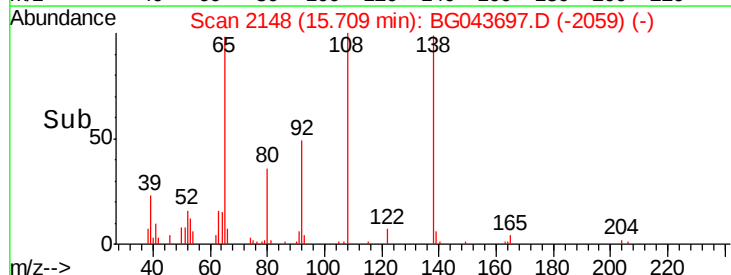
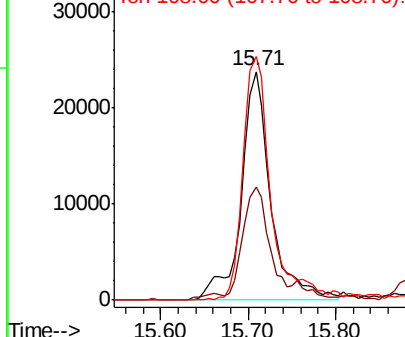


#62
4-Nitroaniline
Concen: 33.382 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion:138 Resp: 54272
Ion Ratio Lower Upper
138 100
92 49.3 33.4 73.4
108 106.4 78.0 118.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

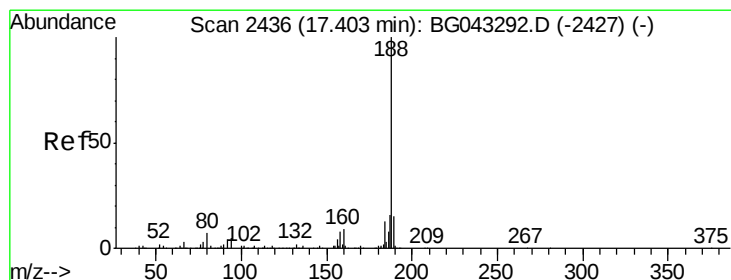
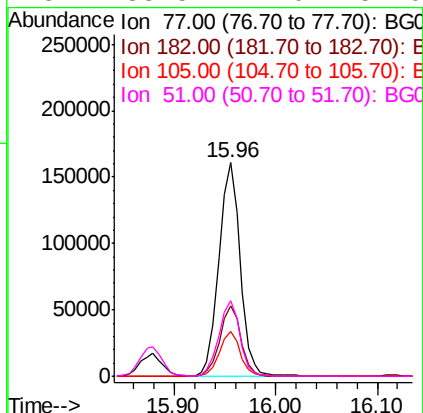
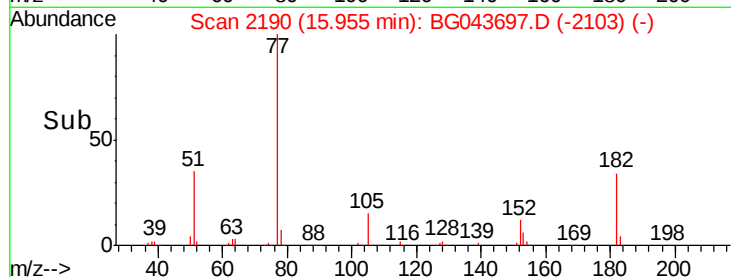
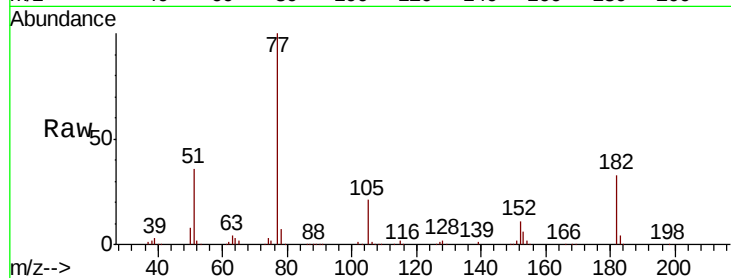




#63
Azobenzene
Concen: 38.569 ng
RT: 15.96 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

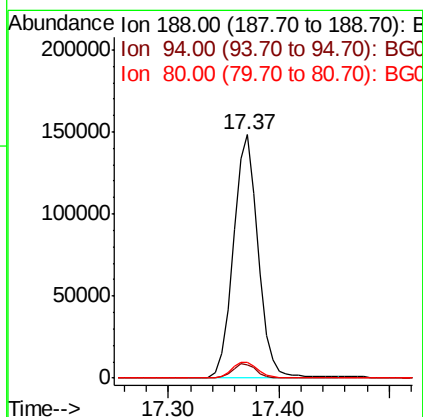
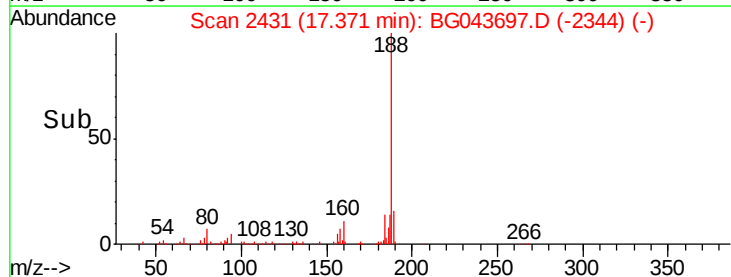
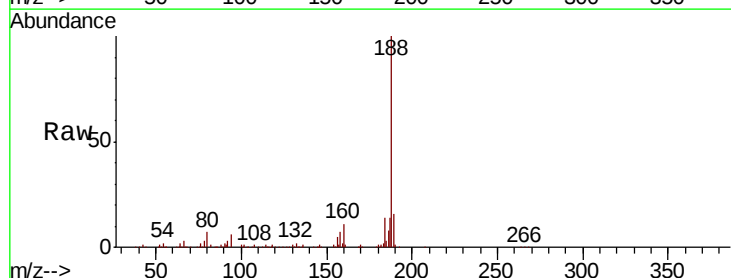
Instrument :
BNA_G
ClientSampled :

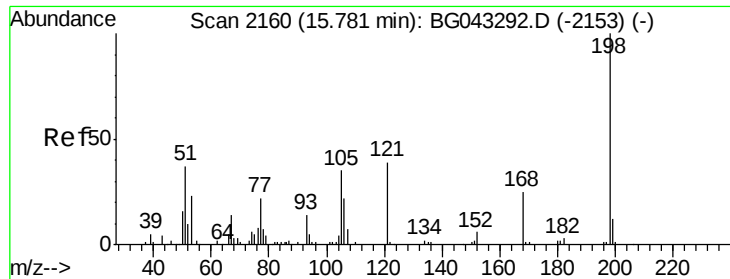
Tot Ion:	77	Resp:	235397
Ion	Ratio	Lower	Upper
77	100		
182	32.8	13.7	53.7
105	21.1	0.4	40.4
51	35.5	11.0	51.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion:	188	Resp:	233733
Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	6.6	4.5	6.7

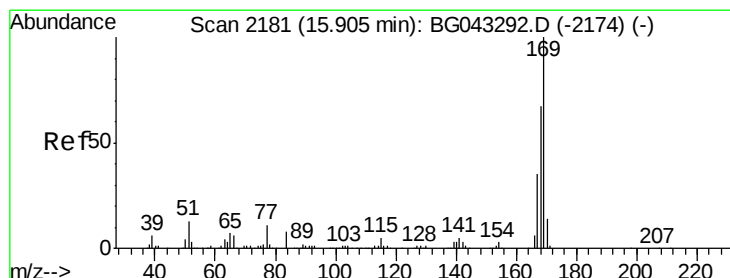
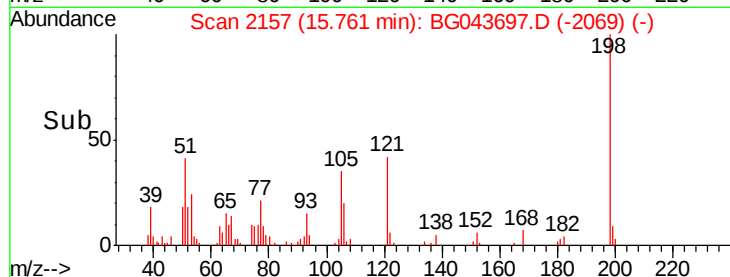
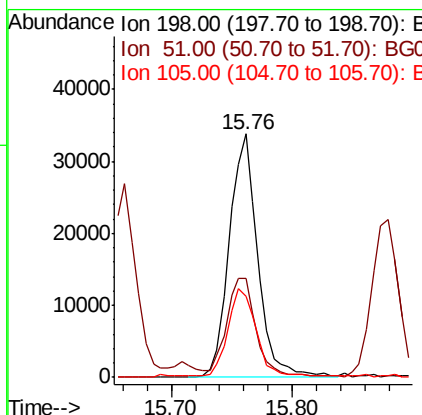
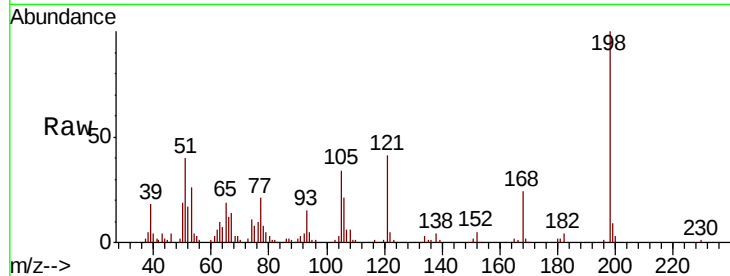




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.272 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

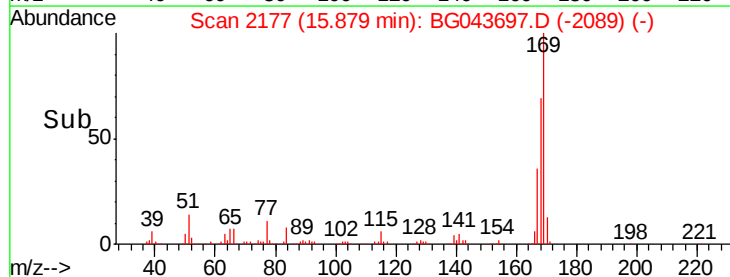
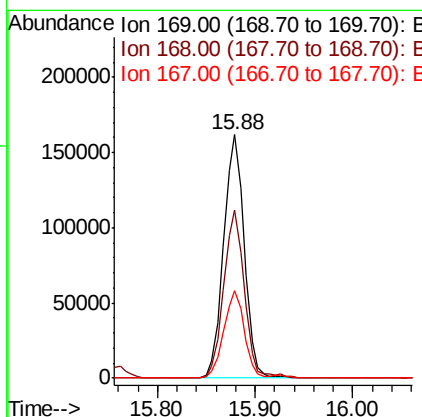
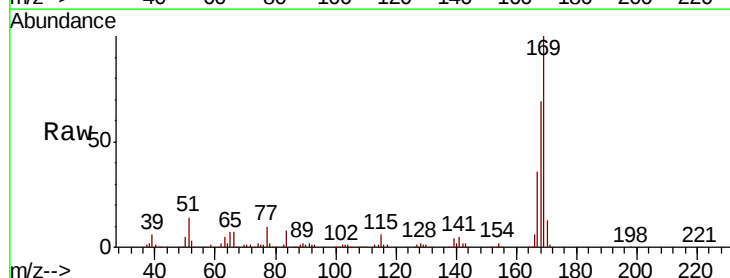
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.5	13.2	53.2
105	33.5	15.8	55.8



#66
 n-Nitrosodiphenylamine
 Concen: 36.053 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.0	53.8	80.6
167	36.0	27.5	41.3

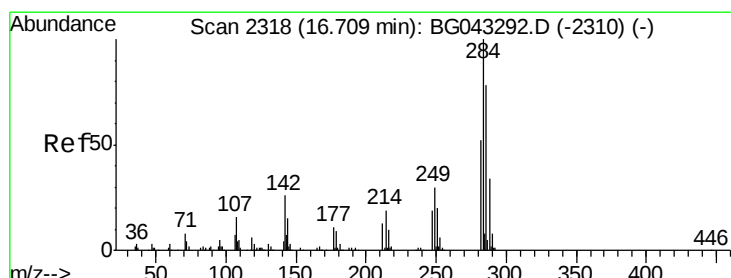
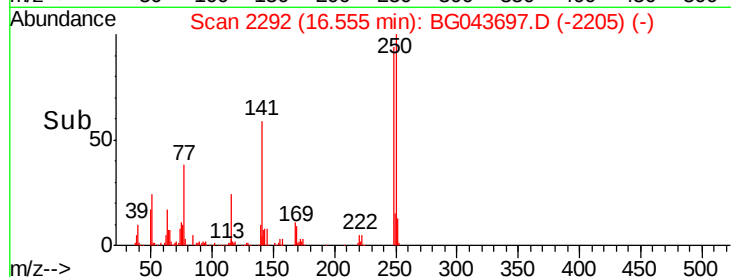
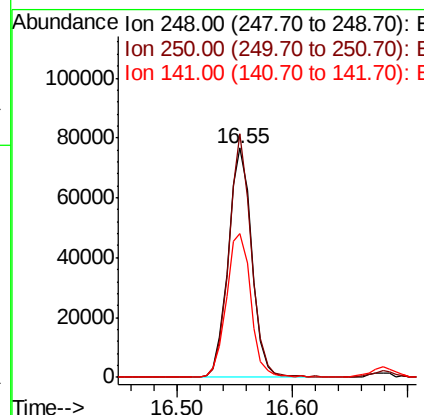
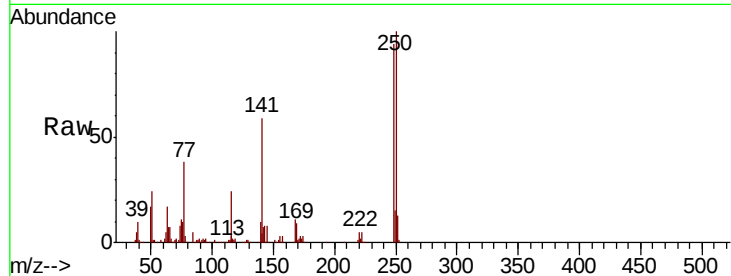




#67
4-Bromophenyl-phenylether
Concen: 34.531 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

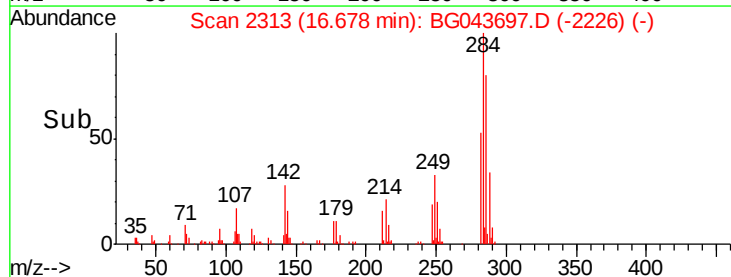
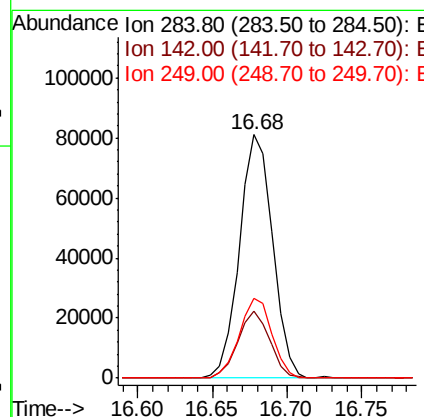
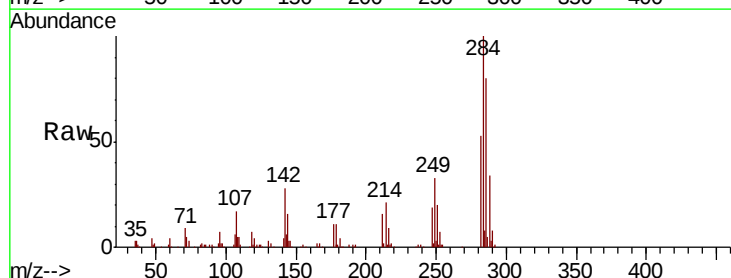
Instrument :
BNA_G
ClientSampleId :

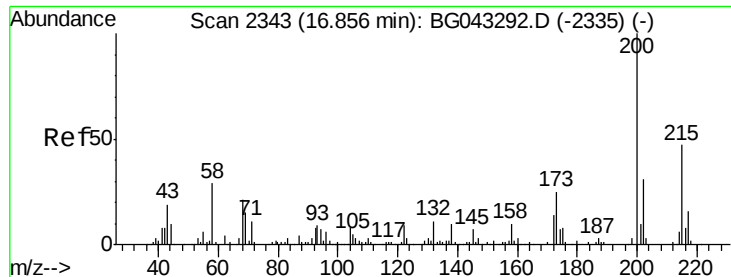
Tot Ion	Ratio	Lower	Upper
248	100		
250	106.3	77.0	115.4
141	62.9	47.5	71.3



#68
Hexachlorobenzene
Concen: 34.688 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	19.8	29.8
249	32.5	23.8	35.6





#69

Atrazine

Concen: 40.557 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.02 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

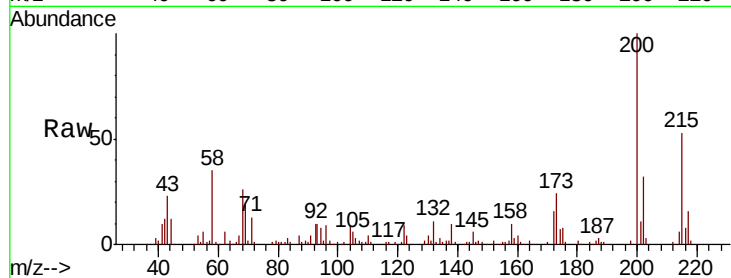
Tot Ion:200 Resp: 92995

Ion Ratio Lower Upper

200 100

173 24.0 4.7 44.7

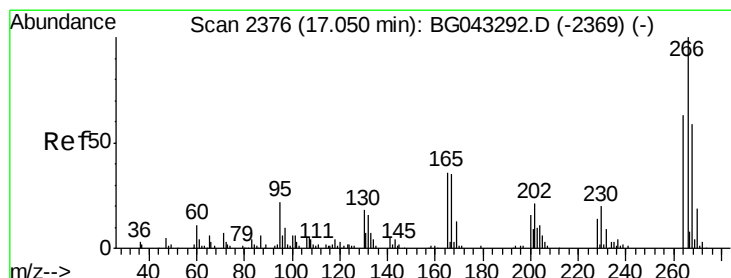
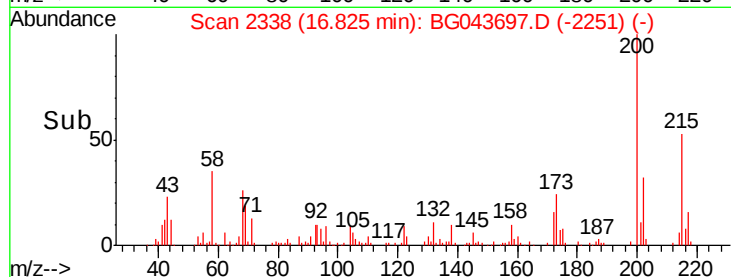
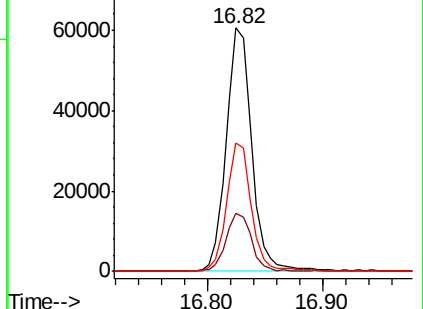
215 52.6 28.5 68.5



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: 70.425 ng

RT: 17.03 min Scan# 2373

Delta R.T. -0.02 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

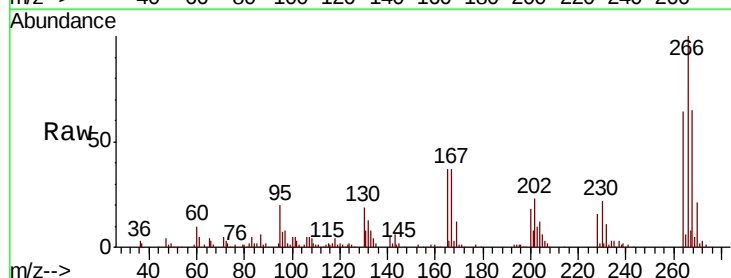
Tgt Ion:266 Resp: 115867

Ion Ratio Lower Upper

266 100

268 65.3 50.4 75.6

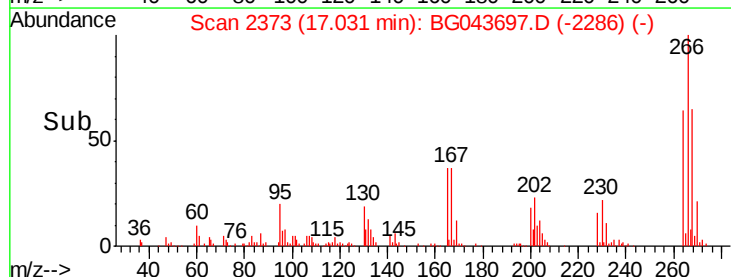
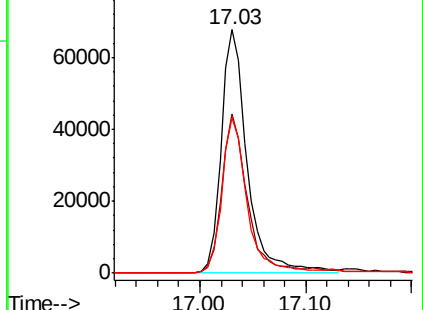
264 63.9 48.9 73.3



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

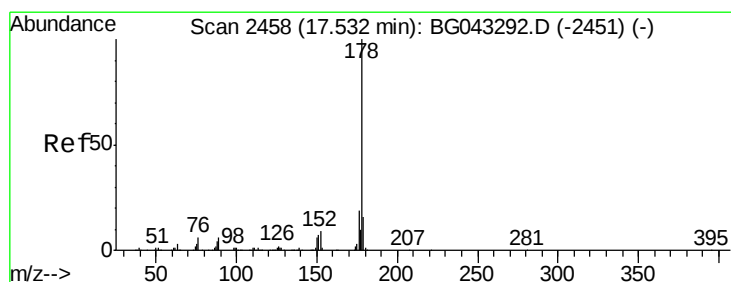
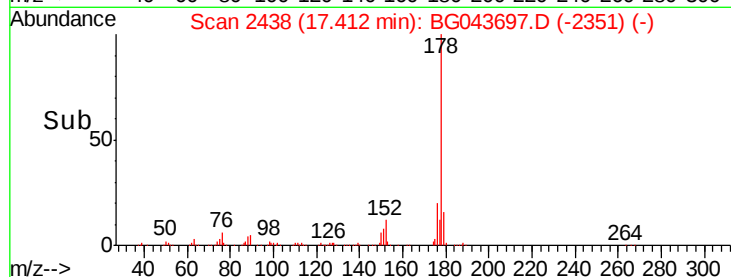
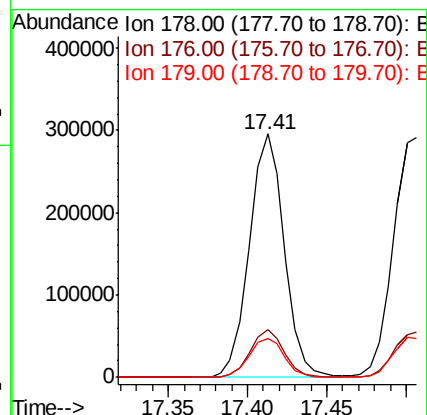
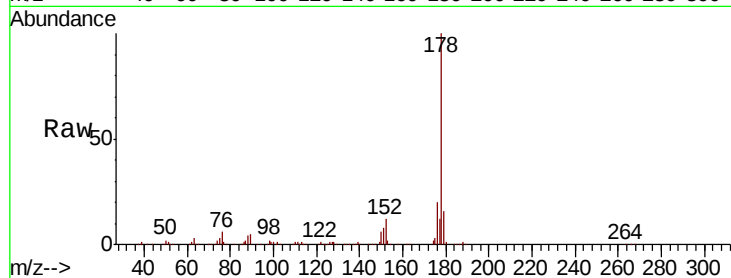




#71
Phenanthrene
Concen: 37.688 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

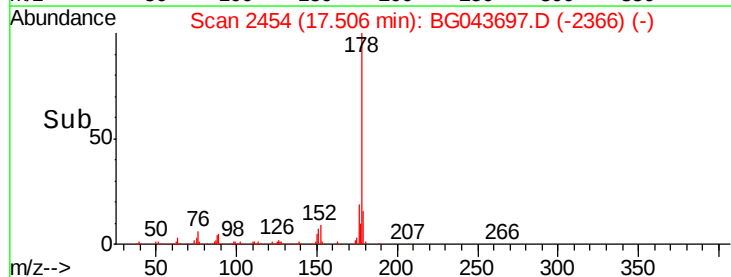
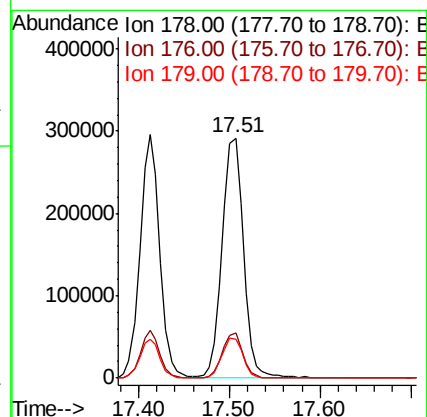
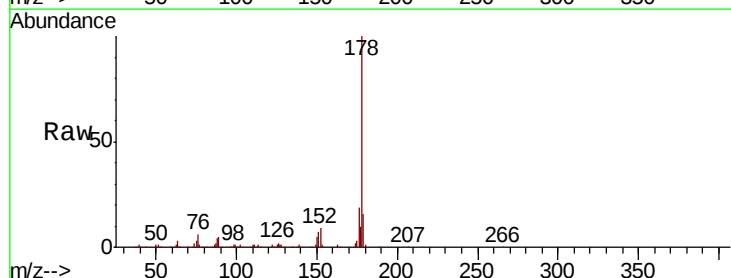
Instrument :
BNA_G
ClientSampleId :

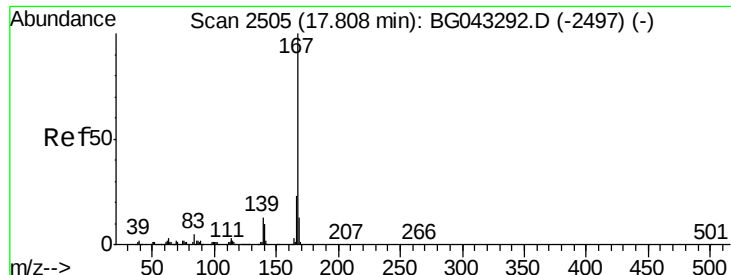
Tot Ion:178 Resp: 451082
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 16.2 13.0 19.6



#72
Anthracene
Concen: 39.811 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion:178 Resp: 476745
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 16.0 13.7 20.5

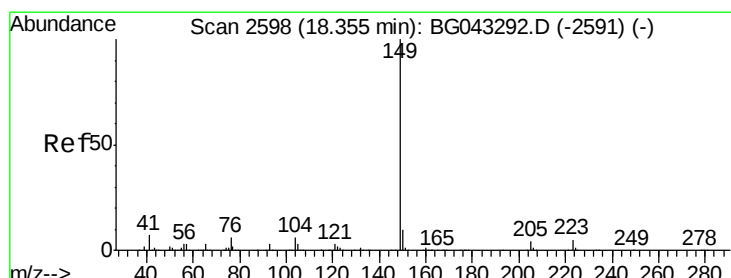
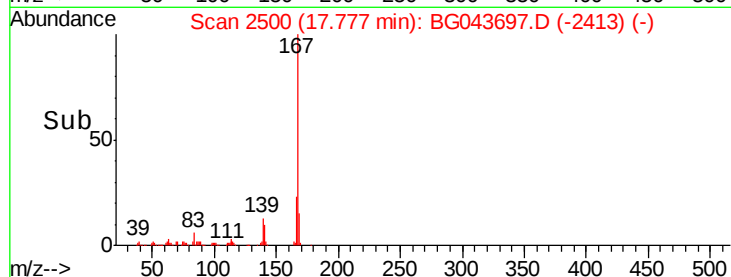
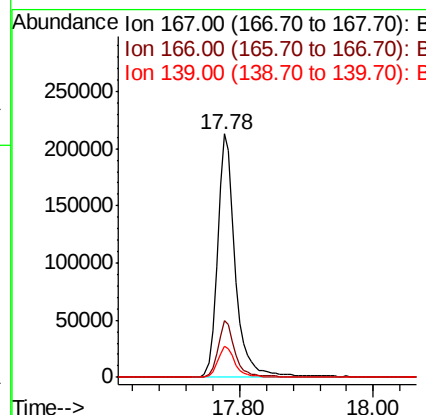
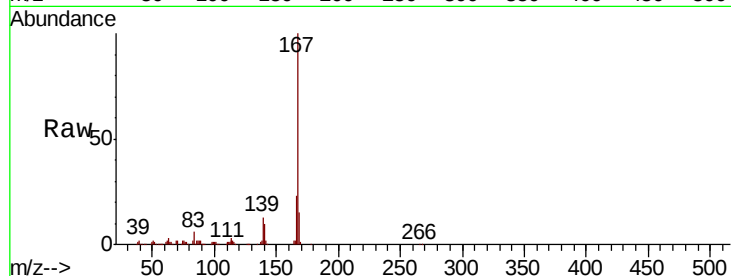




#73
 Carbazole
 Concen: 36.711 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

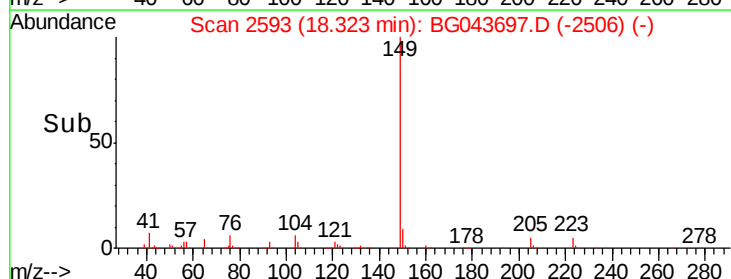
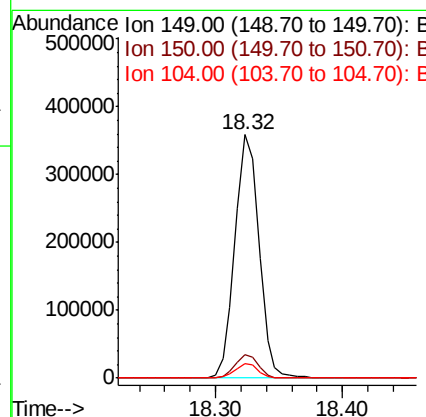
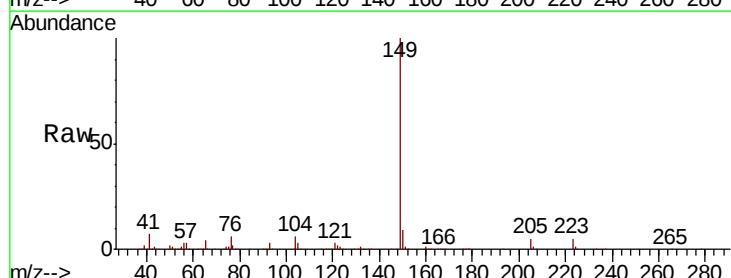
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.7	28.1
139	12.8	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 35.868 ng
 RT: 18.32 min Scan# 2593
 Delta R.T. -0.02 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.0	12.0
104	5.7	4.4	6.6





#75

Fluoranthene

Concen: 38.869 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.02 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

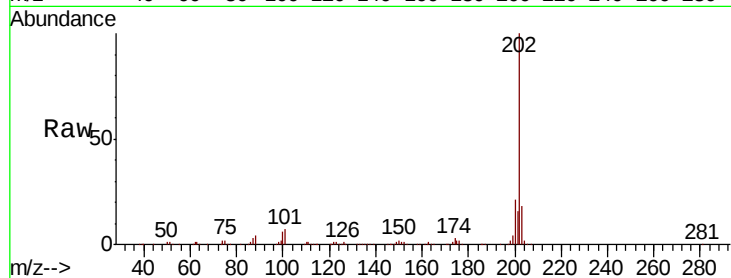
Tot Ion:202 Resp: 606497

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.3

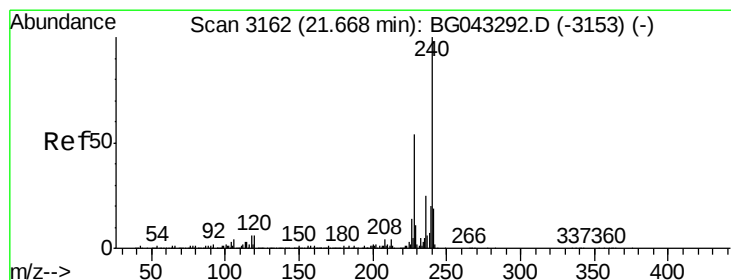
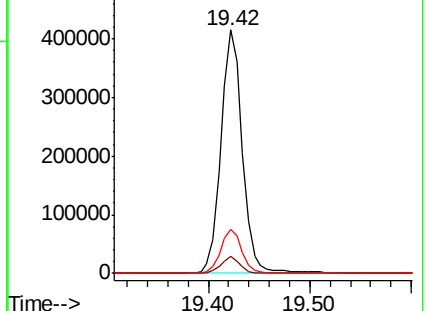
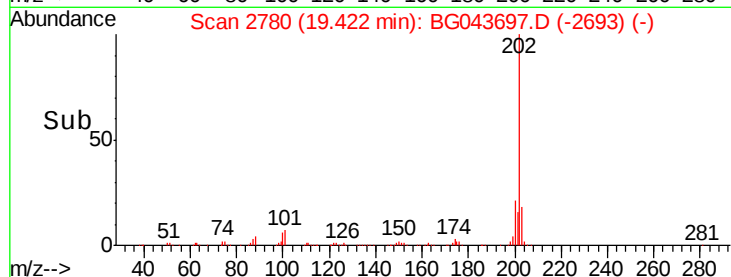
203 17.8 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

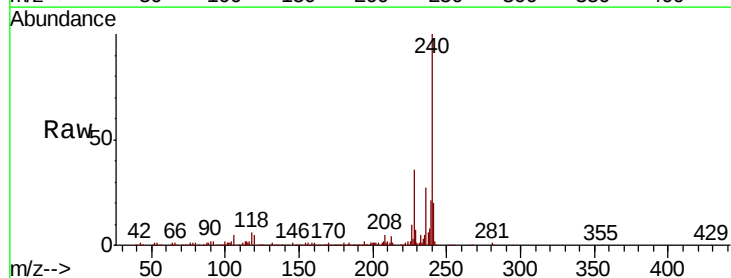
Tgt Ion:240 Resp: 258529

Ion Ratio Lower Upper

240 100

120 5.2 4.6 6.8

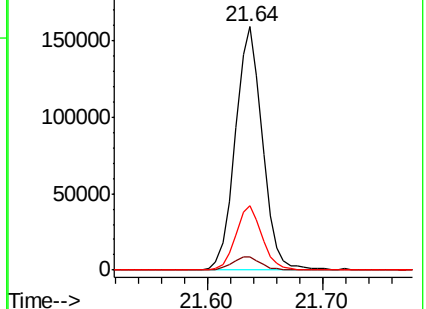
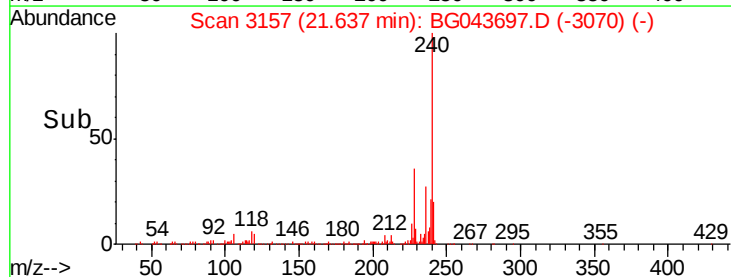
236 26.6 19.8 29.8

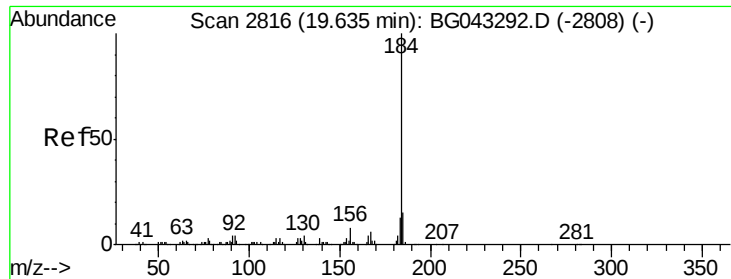


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.650 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.03 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

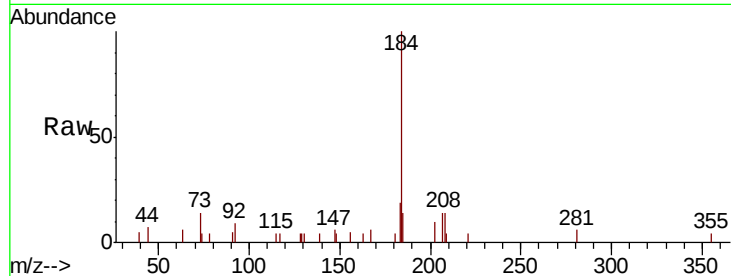
Tot Ion:184 Resp: 13788

Ion Ratio Lower Upper

184 100

185 14.1 11.0 16.4

183 18.6 10.0 15.0#

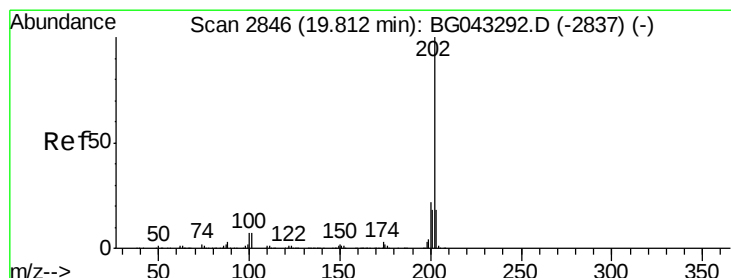
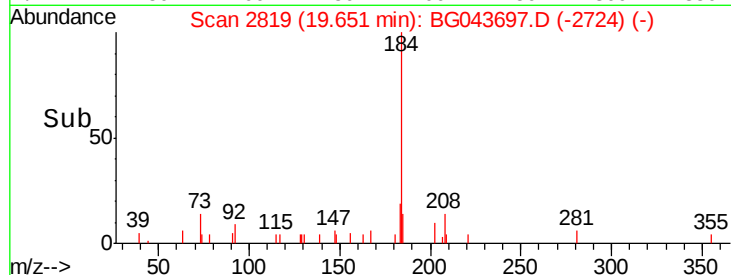
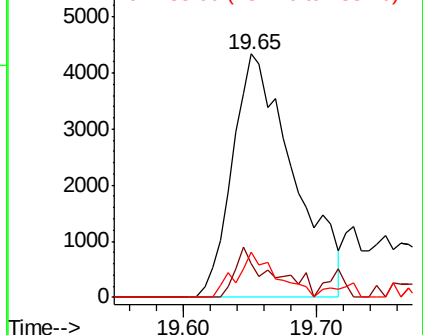


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.105 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

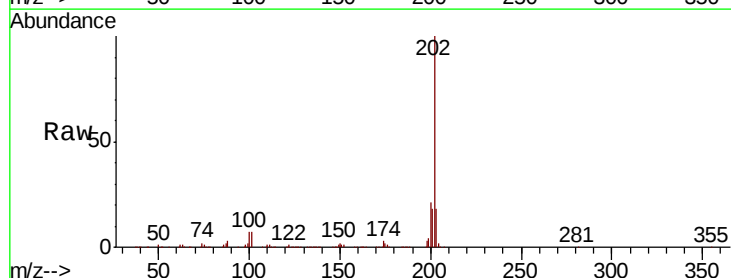
Tgt Ion:202 Resp: 625779

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.4

203 17.7 14.7 22.1

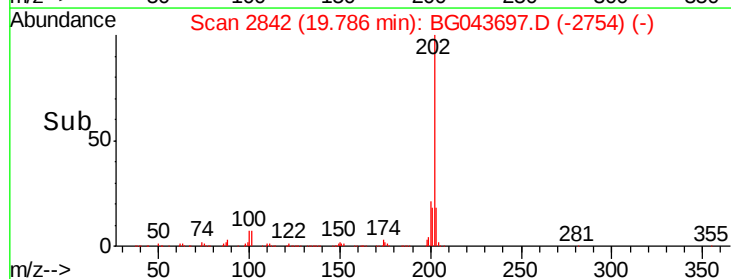
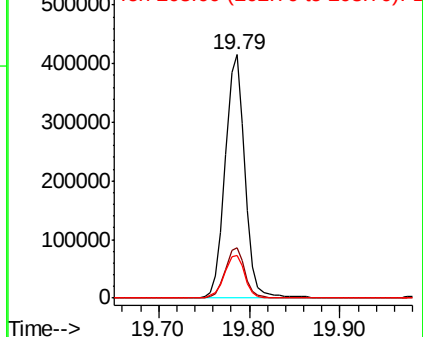


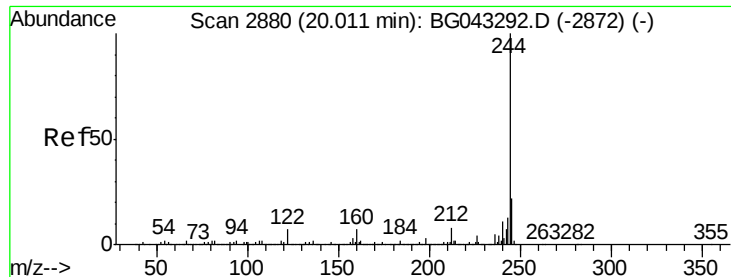
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.852 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

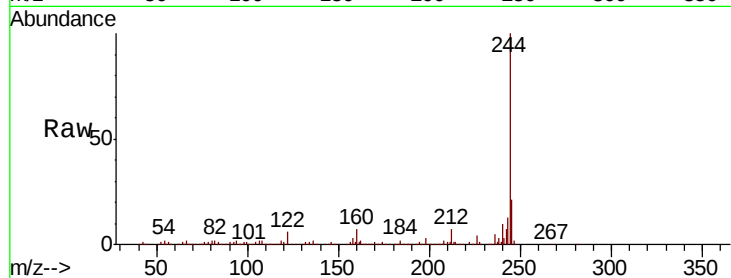
Tot Ion:244 Resp: 811003

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

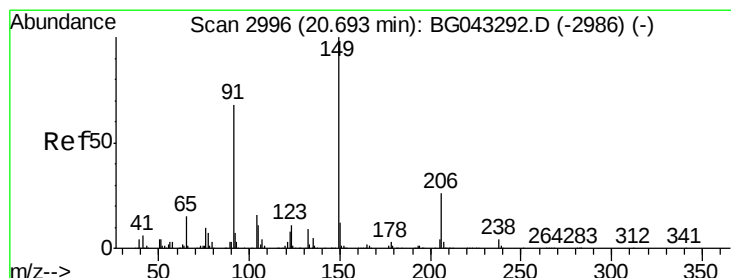
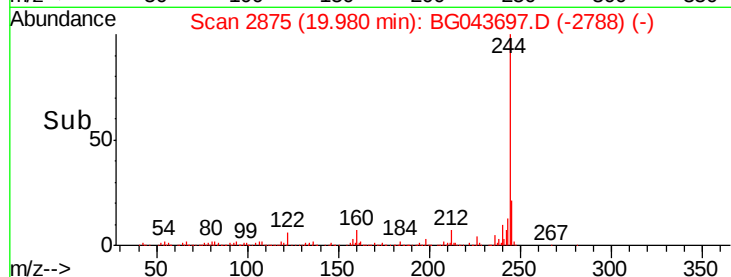
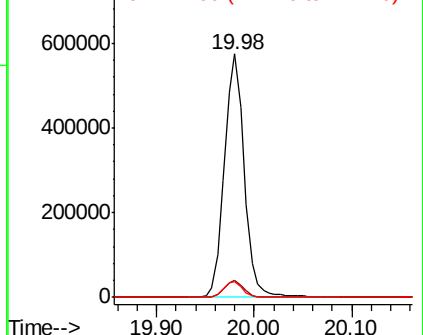
122 6.4 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.607 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.02 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

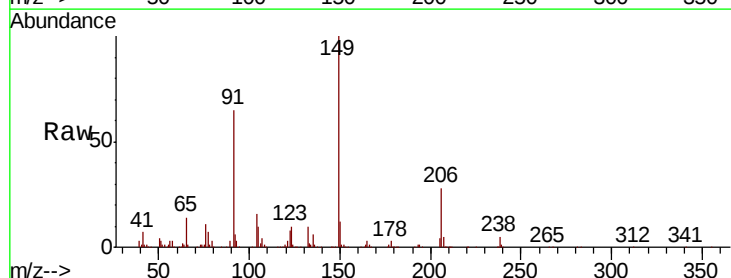
Tgt Ion:149 Resp: 215874

Ion Ratio Lower Upper

149 100

91 65.0 51.2 76.8

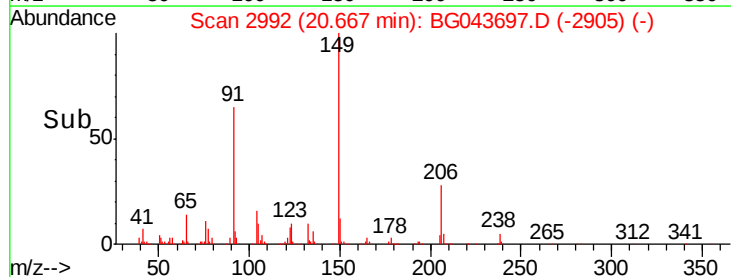
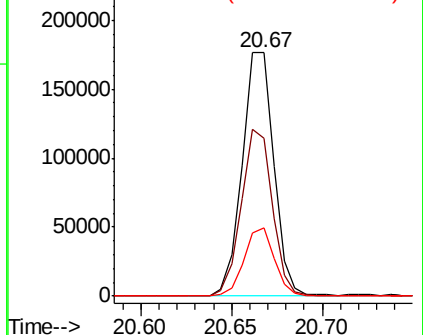
206 27.8 22.5 33.7

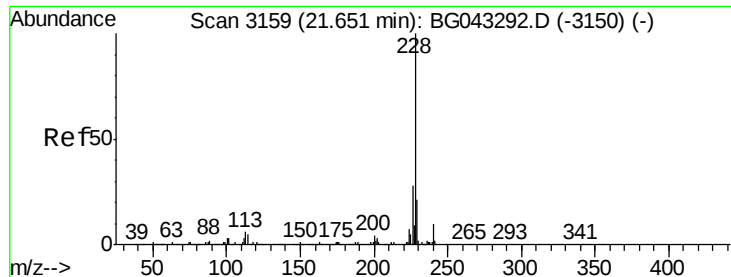


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.054 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.03 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampled :

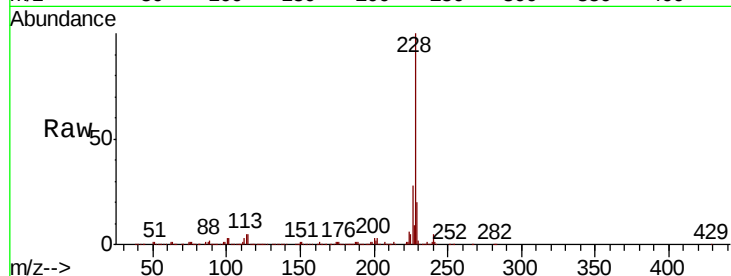
Tot Ion:228 Resp: 632437

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

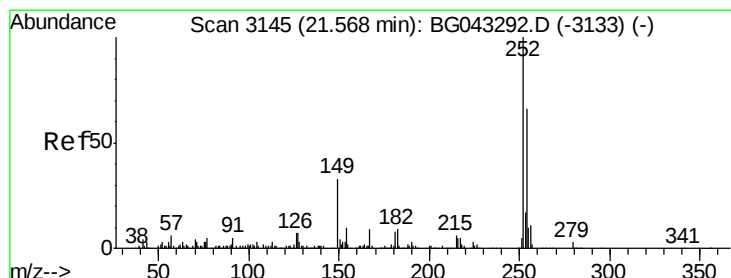
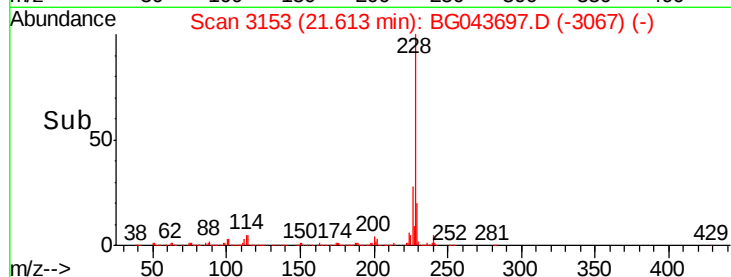
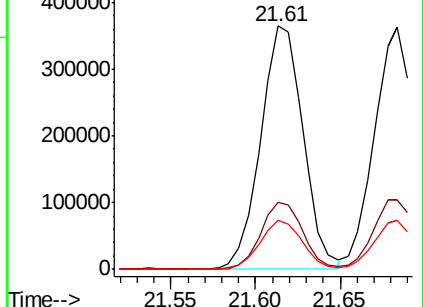
229 20.1 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.628 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

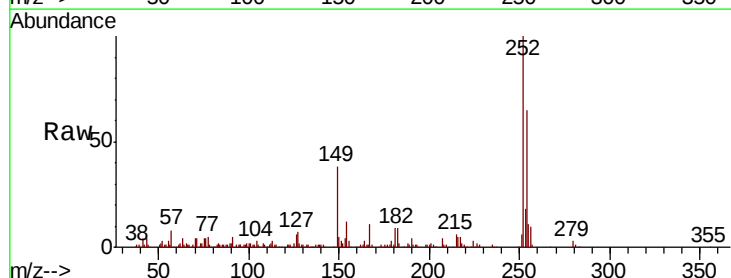
Tgt Ion:252 Resp: 160525

Ion Ratio Lower Upper

252 100

254 64.7 50.8 76.2

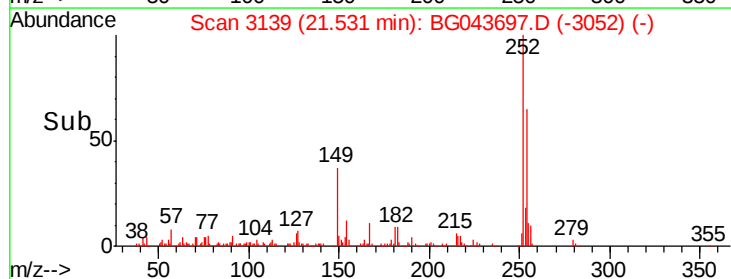
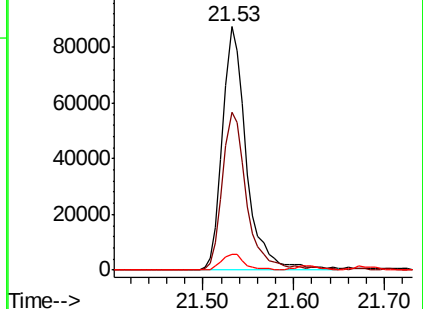
126 6.5 6.1 9.1

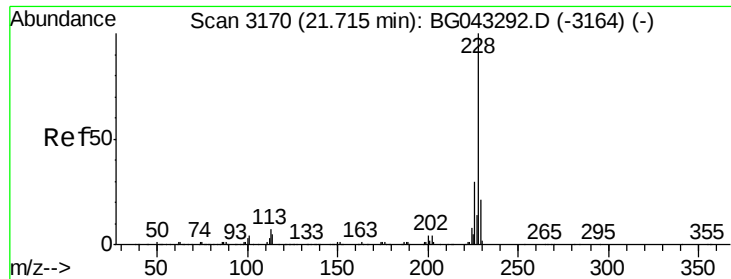


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.129 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

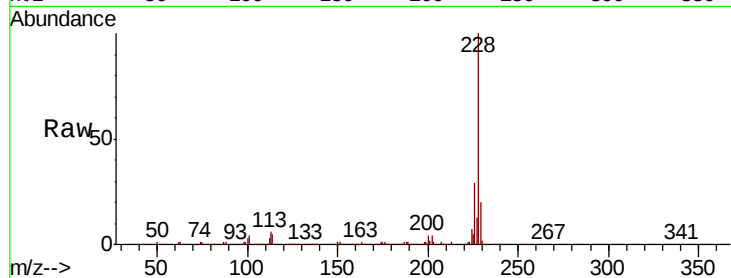
Tot Ion:228 Resp: 613502

Ion Ratio Lower Upper

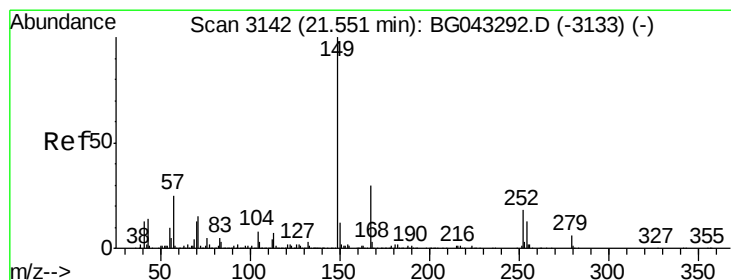
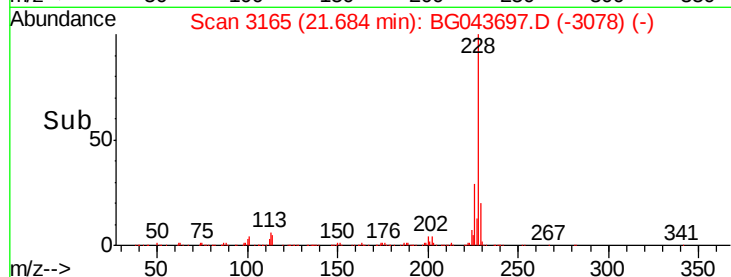
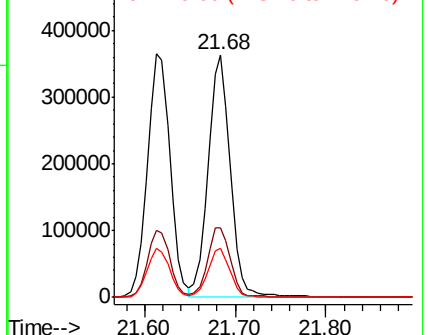
228 100

226 28.8 25.1 37.7

229 20.4 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.770 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.03 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

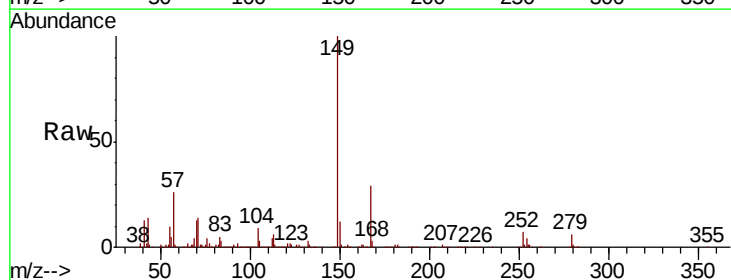
Tgt Ion:149 Resp: 316674

Ion Ratio Lower Upper

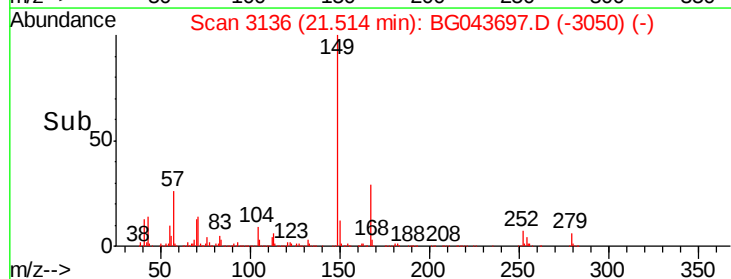
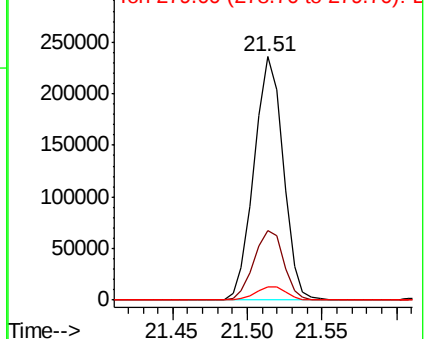
149 100

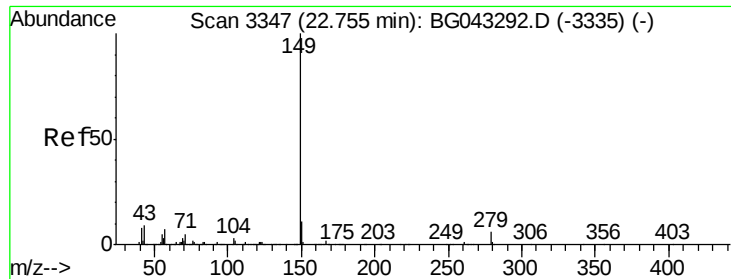
167 28.7 24.0 36.0

279 5.6 5.4 8.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.911 ng

RT: 22.71 min Scan# 3339

Delta R.T. -0.03 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

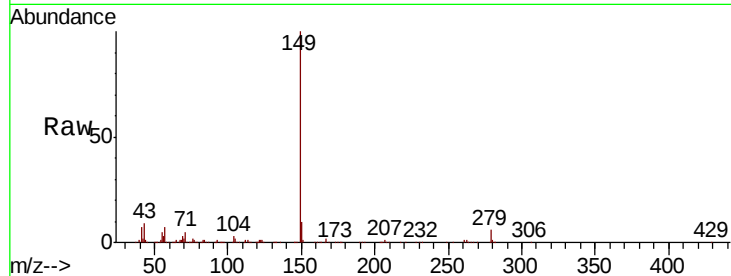
Tot Ion:149 Resp: 539315

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 9.1 7.0 10.6

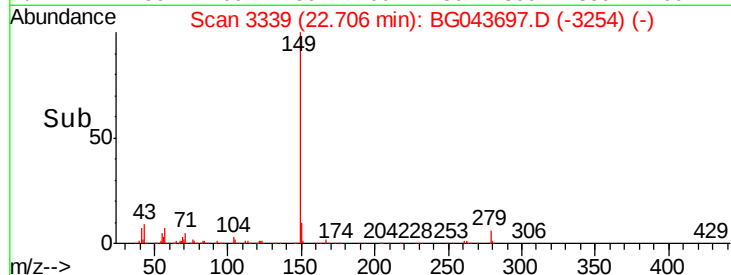


Abundance Ion 149.00 (148.70 to 149.70): E

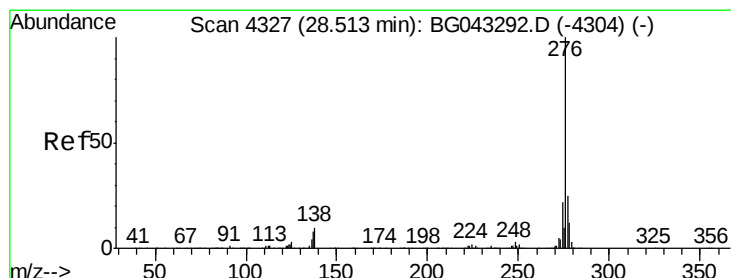
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

Time-->



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.852 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.05 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

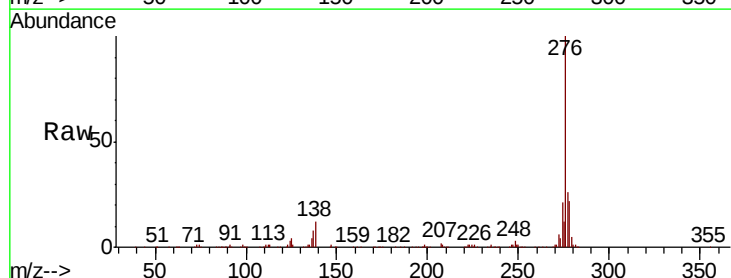
Tgt Ion:276 Resp: 764490

Ion Ratio Lower Upper

276 100

138 0.0 6.8 10.2#

277 26.2 20.9 31.3

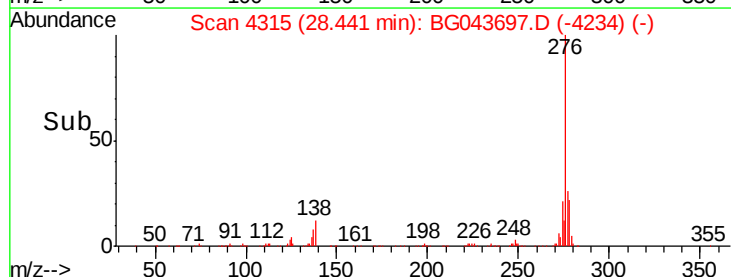


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.04 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampled :

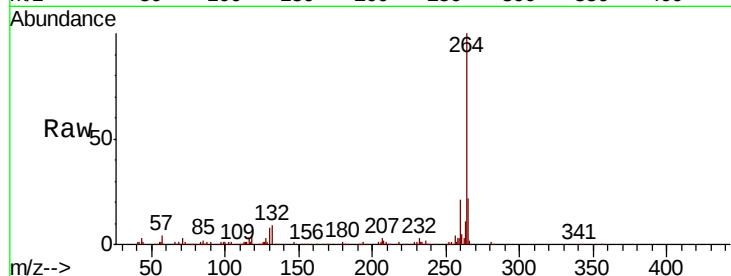
Tot Ion:264 Resp: 298062

Ion Ratio Lower Upper

264 100

260 21.1 17.5 26.3

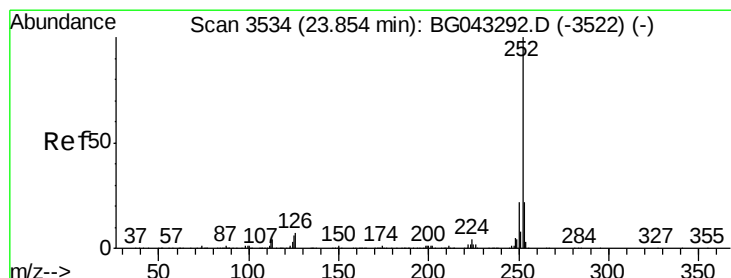
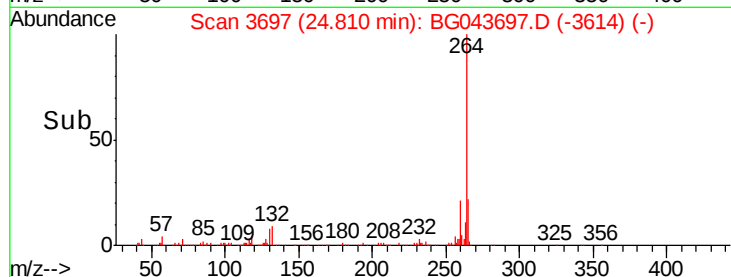
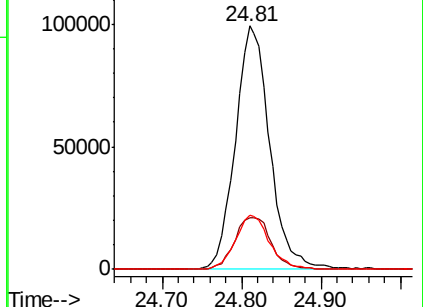
265 22.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.360 ng

RT: 23.80 min Scan# 3526

Delta R.T. -0.04 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

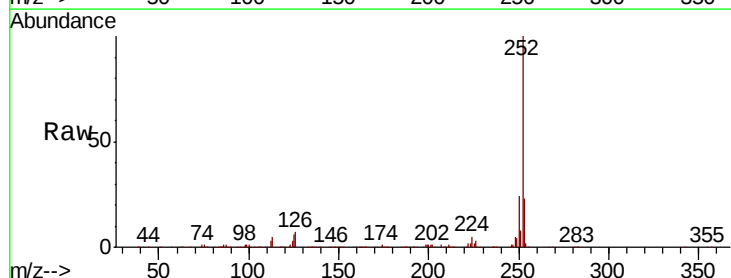
Tgt Ion:252 Resp: 664448

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

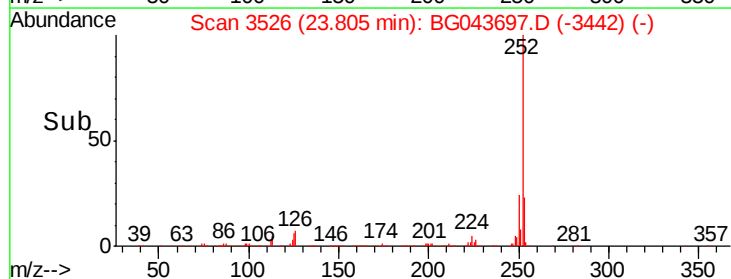
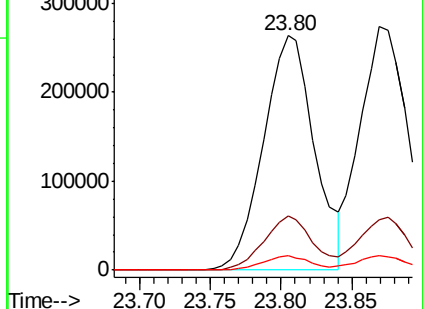
125 5.9 4.5 6.7

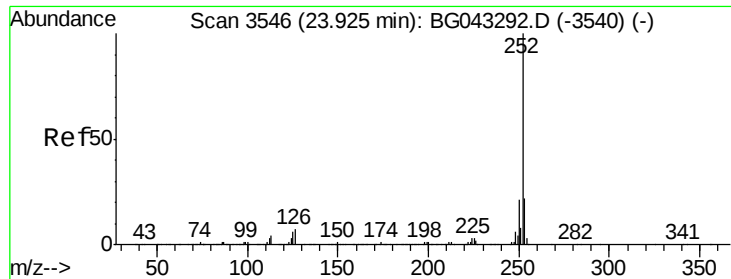


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.535 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.04 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

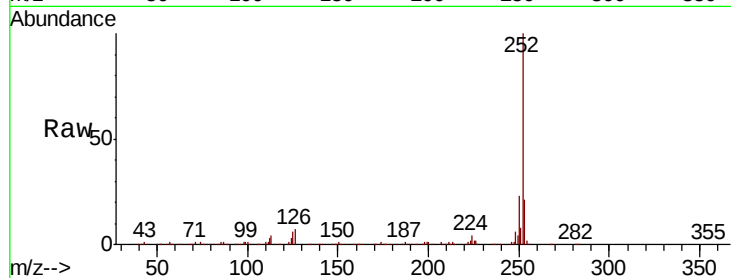
Tot Ion:252 Resp: 654892

Ion Ratio Lower Upper

252 100

253 20.9 17.3 25.9

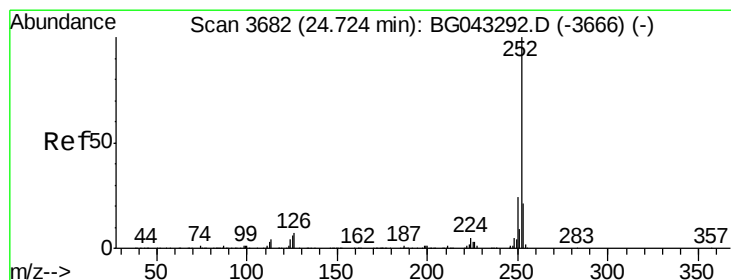
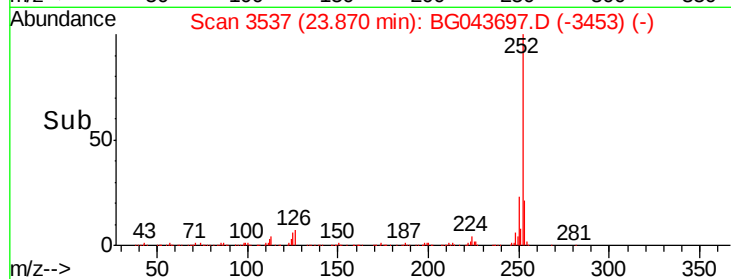
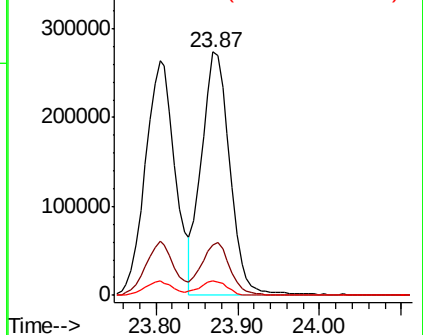
125 5.8 4.6 6.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.100 ng

RT: 24.66 min Scan# 3672

Delta R.T. -0.04 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

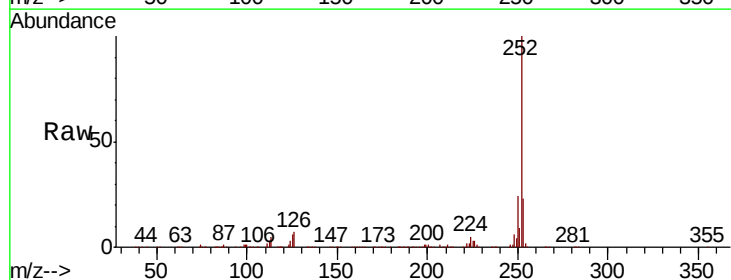
Tgt Ion:252 Resp: 614193

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

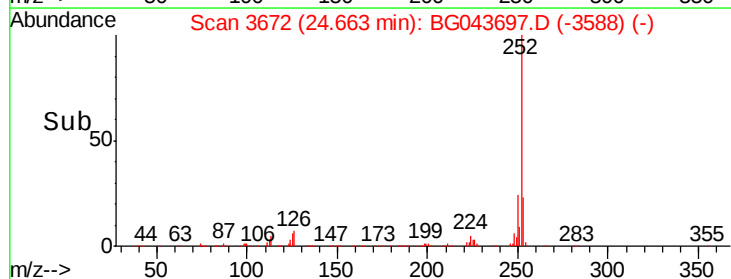
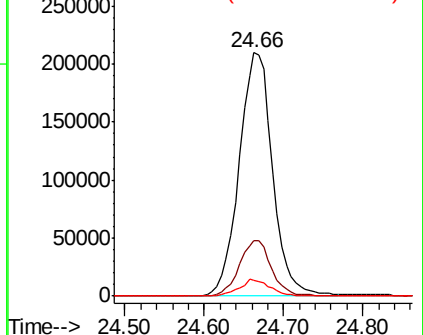
125 6.4 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.263 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.06 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

ClientSampleId :

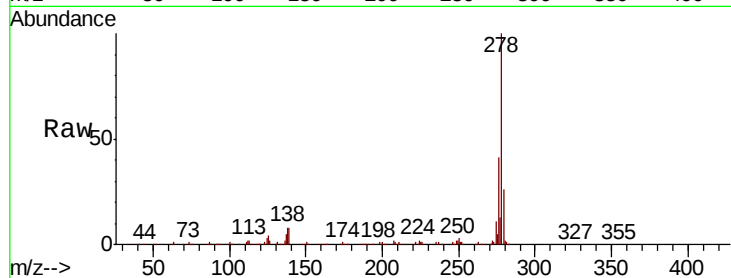
Tot Ion:278 Resp: 647399

Ion Ratio Lower Upper

278 100

139 7.9 7.4 11.0

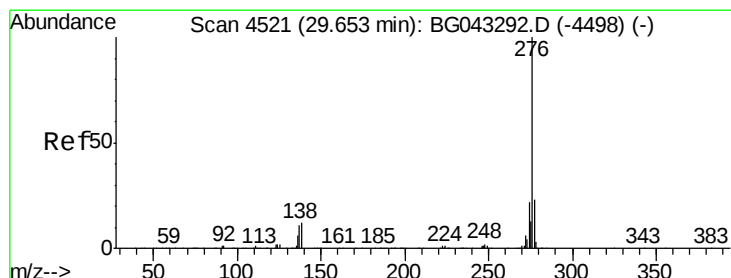
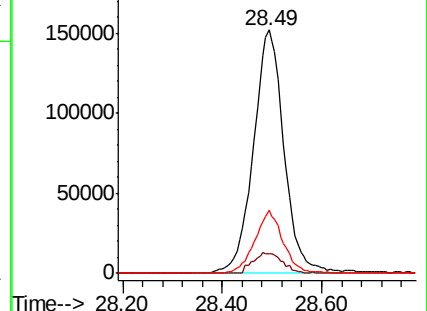
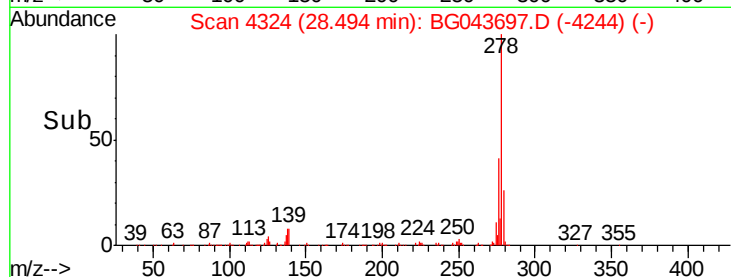
279 25.9 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.594 ng

RT: 29.57 min Scan# 4508

Delta R.T. -0.05 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

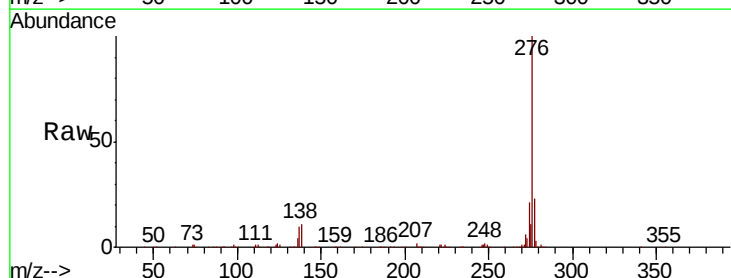
Tgt Ion:276 Resp: 643974

Ion Ratio Lower Upper

276 100

277 23.0 18.9 28.3

138 11.3 8.9 13.3



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

