

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062116\
 Data File : BG022468.D
 Acq On : 21 Jun 2016 15:52
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 22 01:46:11 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	84199	20.00	ng	0.22
21) Naphthalene-d8	10.99	136	56	20.00	ng	0.08
38) Acenaphthene-d10	14.63	164	73911	20.00	ng	-0.09
63) Phenanthrene-d10	17.38	188	160510	20.00	ng	-0.09
75) Chrysene-d12	21.64	240	141663	20.00	ng	-0.10
86) Perylene-d12	24.84	264	123188	20.00	ng	-0.17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	93148	21.39	ng	-0.10
7) Phenol-d6	7.17	99	142667	20.84	ng	-0.08
23) Nitrobenzene-d5	9.16	82	146726	182667.31	ng	-0.10
41) 2,4,6-Tribromophenol	16.13	330	49724	59.54	ng	-0.09
44) 2-Fluorobiphenyl	13.25	172	389315	80.27	ng	-0.09
78) Terphenyl-d14	19.98	244	501695	84.08	ng	-0.08

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	21979	10.53	ng	# 84
3) Pyridine	3.75	79	62097	11.00	ng	96
4) n-Nitrosodimethylamine	3.67	42	14569	11.55	ng	97
6) Aniline	7.40	93	63944	7.35	ng	# 53
10) Phenol	7.20	94	67276	9.53	ng	83
12) 1,3-Dichlorobenzene	8.34	146	64463	9.99	ng	# 89
13) 1,4-Dichlorobenzene	8.34	146	64463	10.03	ng	97
15) Benzyl Alcohol	8.52	79	10780	2.44	ng	# 36
17) 2-Methylphenol	8.79	107	84212	15.99	ng	# 76
19) n-Nitroso-di-n-propylamine	9.16	70	16494	3.56	ng	# 57
22) Acetophenone	8.82	105	106488	88240.80	ng	# 81
24) Nitrobenzene	9.21	77	74555	92301.03	ng	# 81
25) Isophorone	9.72	82	172396	91736.04	ng	# 95
26) 2-Nitrophenol	9.92	139	39598	90404.35	ng	# 76
27) 2,4-Dimethylphenol	9.99	122	71751	90505.74	ng	90
28) bis(2-Chloroethoxy)methane	10.20	93	100728	93557.27	ng	92
29) 2,4-Dichlorophenol	10.47	162	62890	85630.50	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	63731	77661.12	ng	96
31) Naphthalene	10.85	128	233018	83362.75	ng	96
32) Benzoic acid	10.15	122	24434	3295.99	ng	# 83
33) 4-Chloroaniline	10.98	127	98731	84943.47	ng	# 90
34) Hexachlorobutadiene	11.13	225	32025	72691.19	ng	97
35) Caprolactam	12.12	113	2075	5150.34	ng	# 1
36) 4-Chloro-3-methylphenol	12.12	107	78816	90538.95	ng	# 82
37) 2-Methylnaphthalene	12.68	142	166279	80577.98	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	68595	36.05	ng	95
40) Hexachlorocyclopentadiene	12.80	237	16232	20.80	ng	91
42) 2,4,6-Trichlorophenol	13.08	196	48251	37.80	ng	96
43) 2,4,5-Trichlorophenol	13.17	196	51186	36.30	ng	96
45) 1,1'-Biphenyl	13.47	154	227140	40.83	ng	94
46) 2-Chloronaphthalene	13.51	162	170873	40.07	ng	98
47) 2-Nitroaniline	13.73	65	44200	43.47	ng	# 56
48) Acenaphthylene	14.36	152	299837	40.08	ng	98
49) Dimethylphthalate	14.08	163	236506	38.59	ng	99

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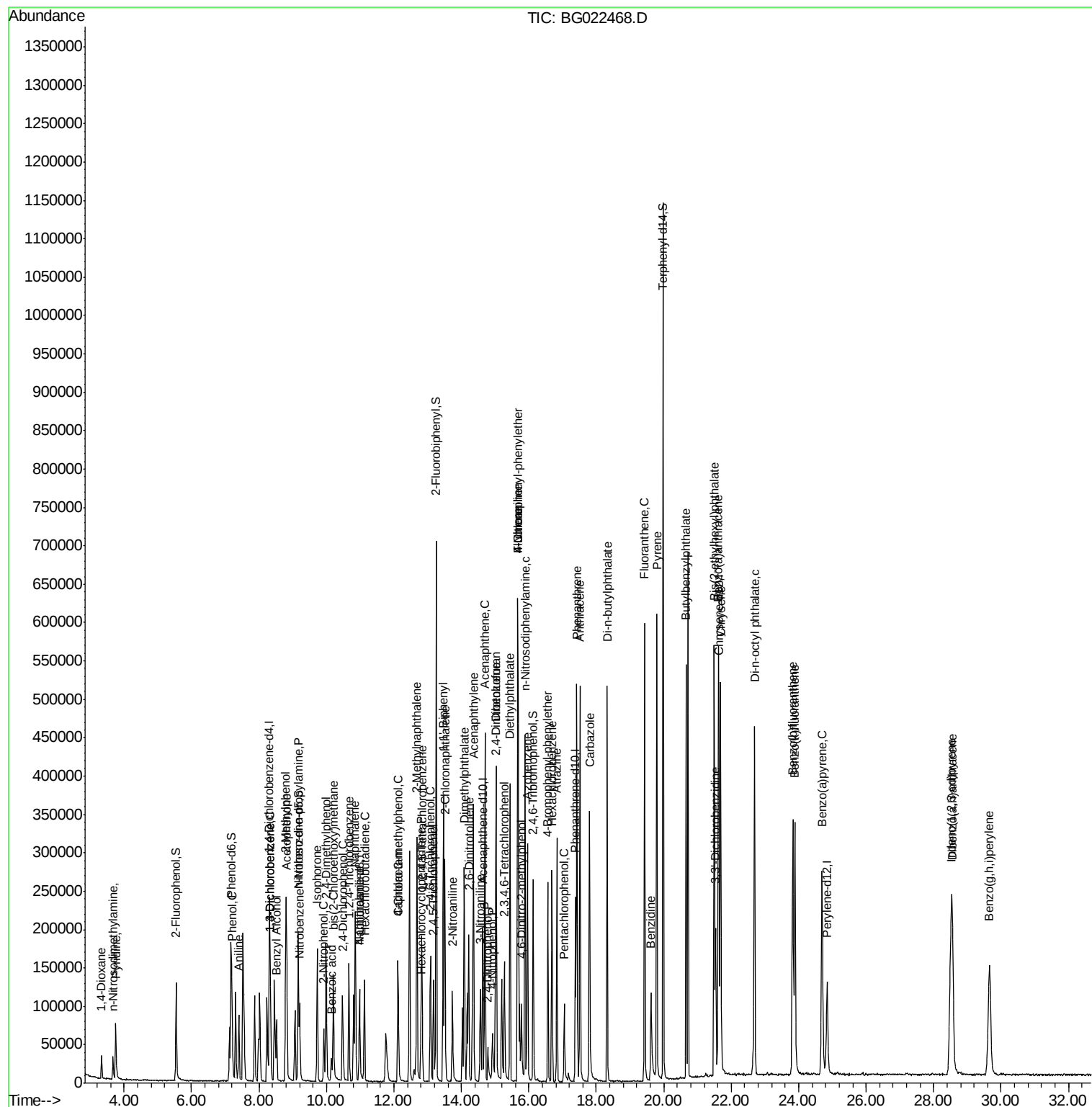
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 2,6-Dinitrotoluene	14.22	165	52317	39.27	ng	# 81
51) Acenaphthene	14.70	154	178341	39.79	ng	94
52) 3-Nitroaniline	14.56	138	56062	37.94	ng	# 78
53) 2,4-Dinitrophenol	14.79	184	19104	41.24	ng	# 76
54) Dibenzofuran	15.03	168	277203	39.63	ng	97
55) 4-Nitrophenol	14.92	139	39355	38.59	ng	# 73
56) 2,4-Dinitrotoluene	15.02	165	72237	40.42	ng	# 91
57) Fluorene	15.68	166	234755	38.96	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	39312	31.08	ng	# 87
59) Diethylphthalate	15.44	149	256521	39.19	ng	99
60) 4-Chlorophenyl-phenylether	15.67	204	101072	37.04	ng	97
61) 4-Nitroaniline	15.68	138	3695	2.36	ng	# 21
62) Azobenzene	15.96	77	215553	43.48	ng	89
64) 4,6-Dinitro-2-methylphenol	15.78	198	29704	37.81	ng	84
65) n-Nitrosodiphenylamine	15.89	169	196785	42.56	ng	97
66) 4-Bromophenyl-phenylether	16.56	248	57629	38.32	ng	97
67) Hexachlorobenzene	16.69	284	60455	34.49	ng	94
68) Atrazine	16.83	200	63092	36.86	ng	98
69) Pentachlorophenol	17.04	266	26434	37.22	ng	99
70) Phenanthrene	17.43	178	354237	40.63	ng	98
71) Anthracene	17.51	178	359751	41.61	ng	98
72) Carbazole	17.80	167	328916	40.17	ng	97
73) Di-n-butylphthalate	18.32	149	456884	42.68	ng	98
74) Fluoranthene	19.43	202	389218	38.84	ng	95
76) Benzidine	19.62	184	131263	35.43	ng	97
77) Pyrene	19.79	202	386801	43.92	ng	100
79) Butylbenzylphthalate	20.66	149	206019	50.44	ng	# 91
80) Benzo(a)anthracene	21.62	228	328835	41.40	ng	100
81) 3,3'-Dichlorobenzidine	21.54	252	85061	38.14	ng	# 93
82) Chrysene	21.69	228	309848	40.08	ng	100
83) Bis(2-ethylhexyl)phthalate	21.50	149	292910	48.77	ng	# 96
84) Di-n-octyl phthalate	22.69	149	481959	48.33	ng	# 87
85) Indeno(1,2,3-cd)pyrene	28.52	276	317579	36.62	ng	# 78
87) Benzo(b)fluoranthene	23.82	252	295625	41.15	ng	# 94
88) Benzo(k)fluoranthene	23.89	252	296230	41.88	ng	# 93
89) Benzo(a)pyrene	24.69	252	287927	41.91	ng	# 92
90) Dibenzo(a,h)anthracene	28.56	278	254017	39.26	ng	# 87
91) Benzo(g,h,i)perylene	29.65	276	257957	38.32	ng	# 88

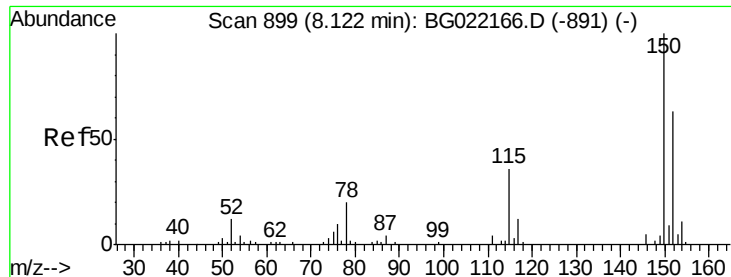
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.31 min Scan# 931

Delta R.T. 0.22 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

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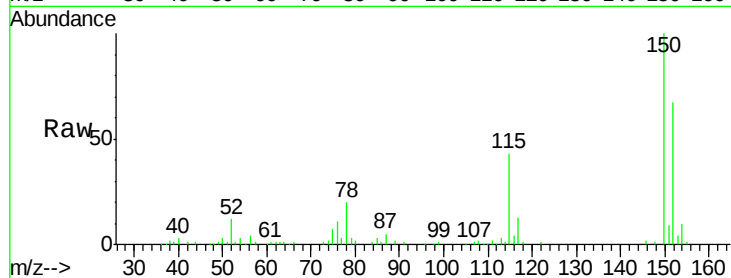
Tgt Ion:152 Resp: 84199

Ion Ratio Lower Upper

152 100

150 149.8 130.1 195.1

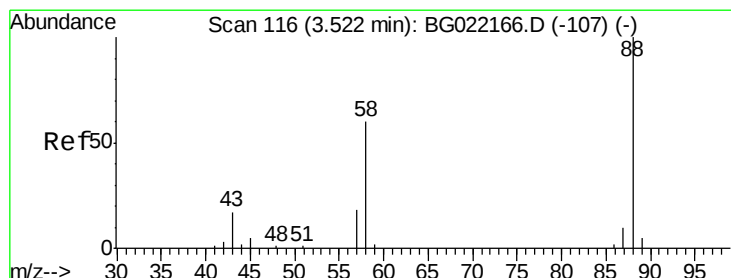
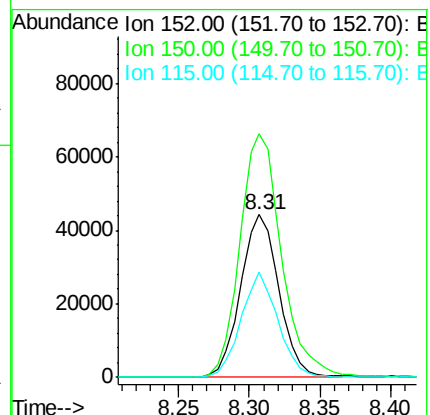
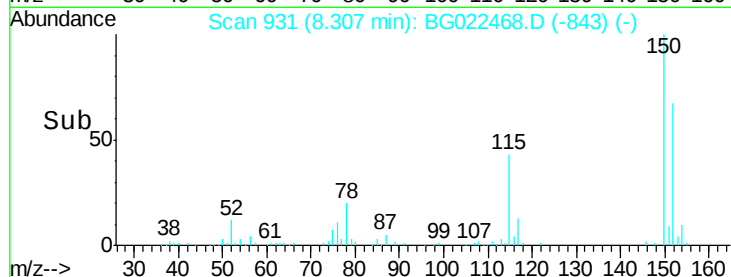
115 64.5 62.2 93.2



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: 10.53 ng

RT: 3.33 min Scan# 84

Delta R.T. -0.14 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

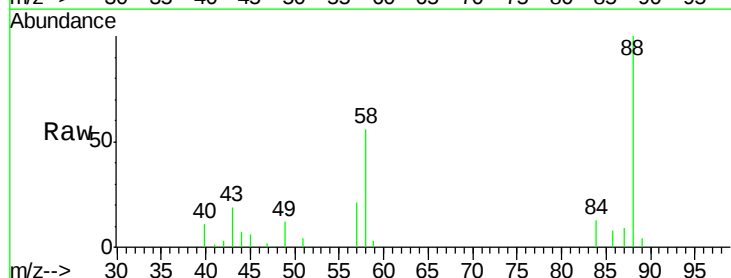
Tgt Ion: 88 Resp: 21979

Ion Ratio Lower Upper

88 100

58 57.3 36.8 55.2#

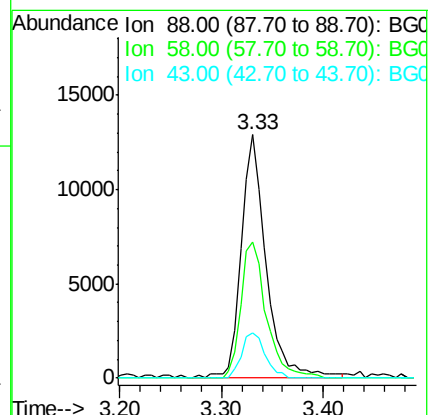
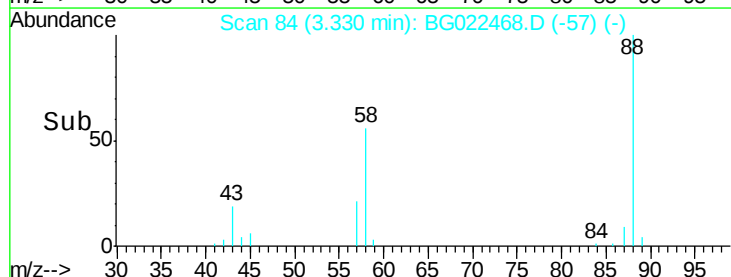
43 17.6 10.4 15.6#

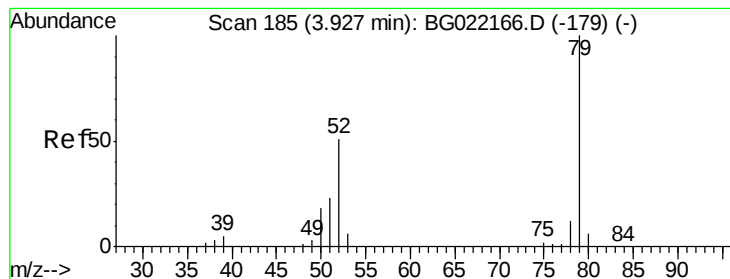


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 11.00 ng

RT: 3.75 min Scan# 155

Delta R.T. -0.14 min

Lab File: BG022468.D

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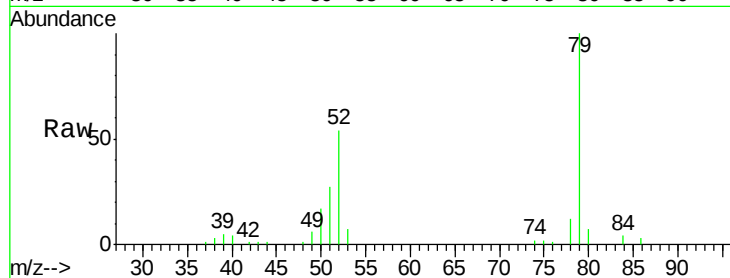
Tgt Ion: 79 Resp: 62097

Ion Ratio Lower Upper

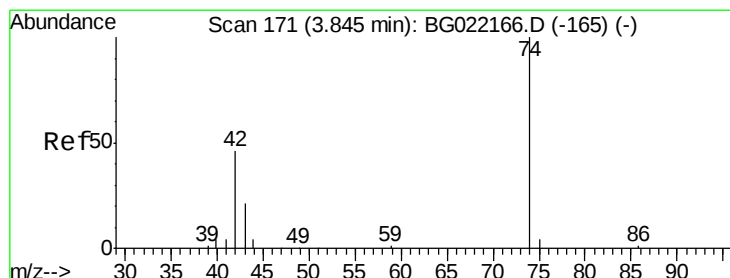
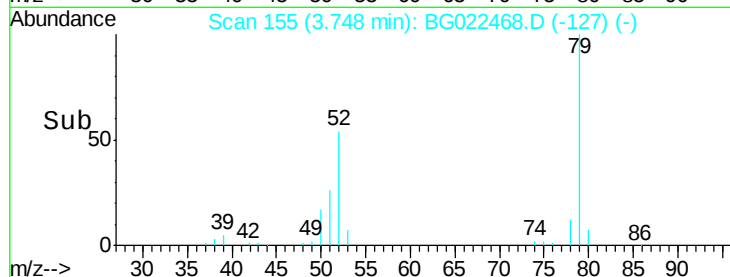
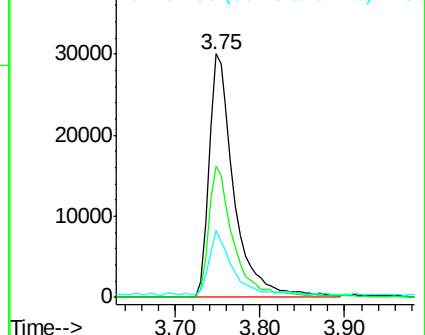
79 100

52 54.0 41.6 62.4

51 27.3 19.2 28.8



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



#4

n-Nitrosodimethylamine

Concen: 11.55 ng

RT: 3.67 min Scan# 142

Delta R.T. -0.14 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

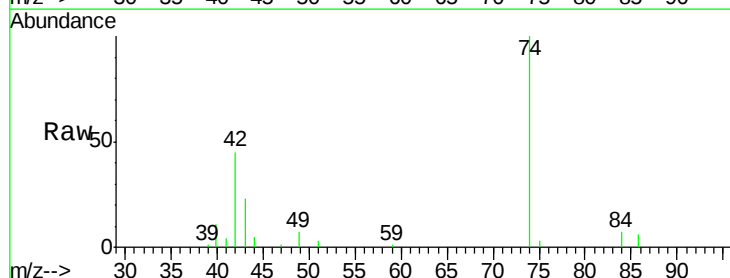
Tgt Ion: 42 Resp: 14569

Ion Ratio Lower Upper

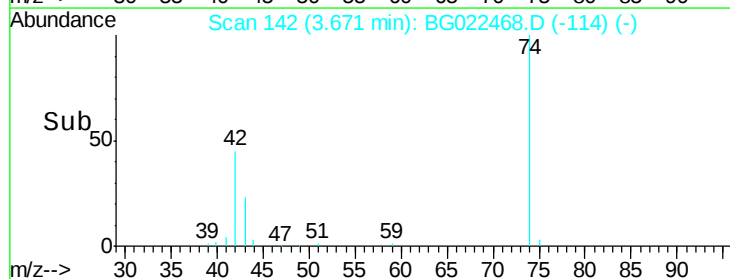
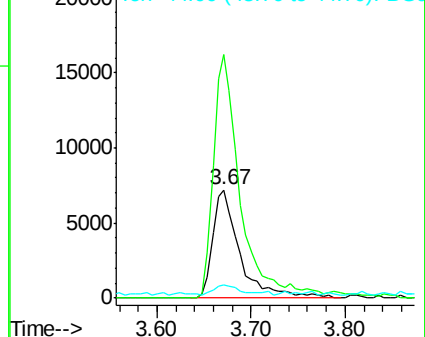
42 100

74 224.6 184.0 276.0

44 11.7 11.0 16.6



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 21.39 ng

RT: 5.54 min Scan# 460

Delta R.T. -0.10 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

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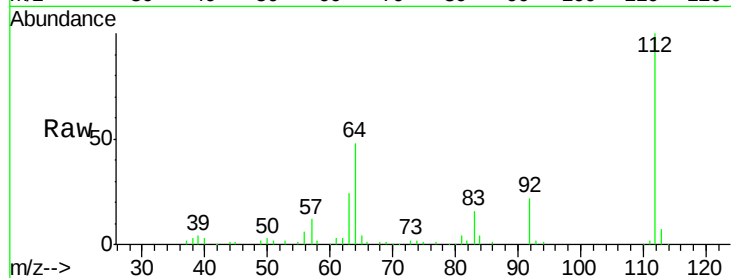
Tgt Ion: 112 Resp: 93148

Ion Ratio Lower Upper

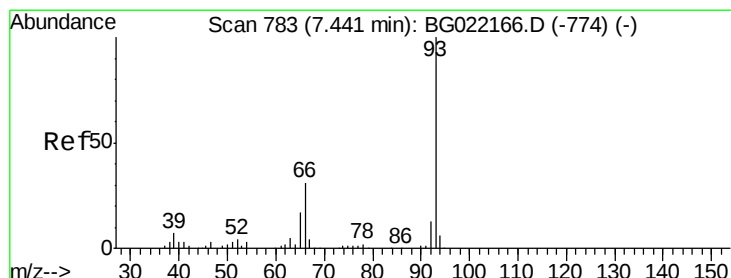
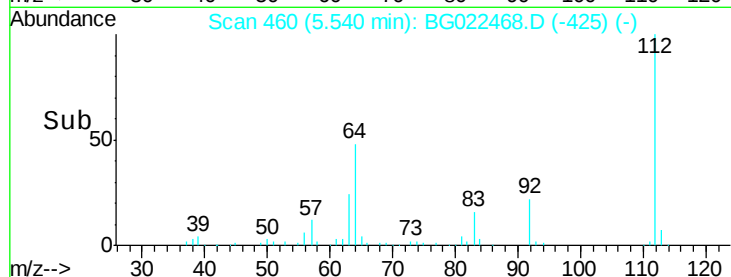
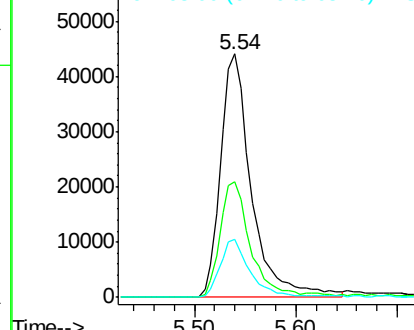
112 100

64 47.6 51.1 76.7#

63 24.0 24.6 37.0#



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: 7.35 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

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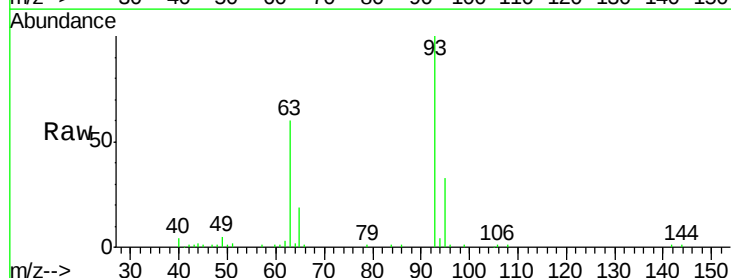
Tgt Ion: 93 Resp: 63944

Ion Ratio Lower Upper

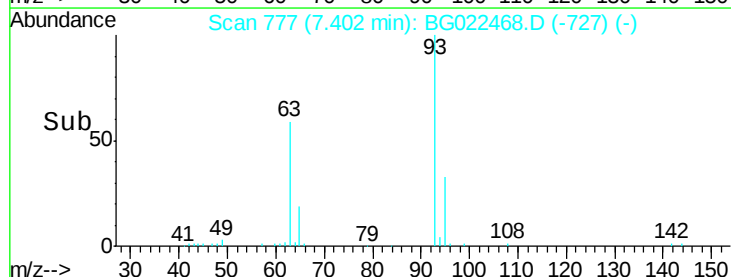
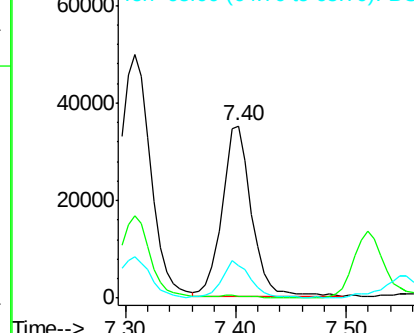
93 100

66 1.2 36.3 54.5#

65 19.2 18.4 27.6



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: 20.84 ng

RT: 7.17 min Scan# 738

Delta R.T. -0.08 min

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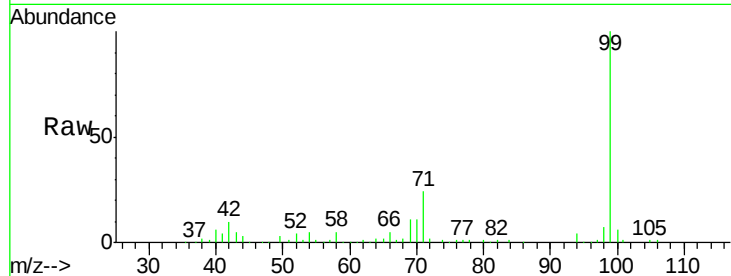
Tgt Ion: 99 Resp: 142667

Ion Ratio Lower Upper

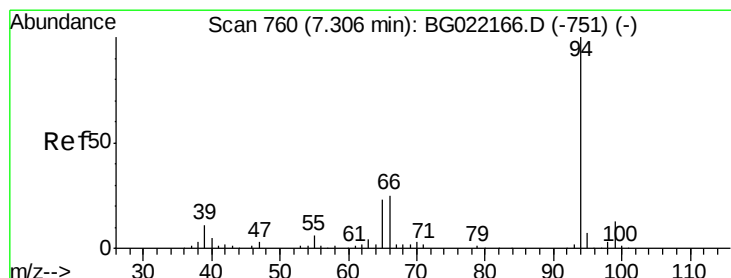
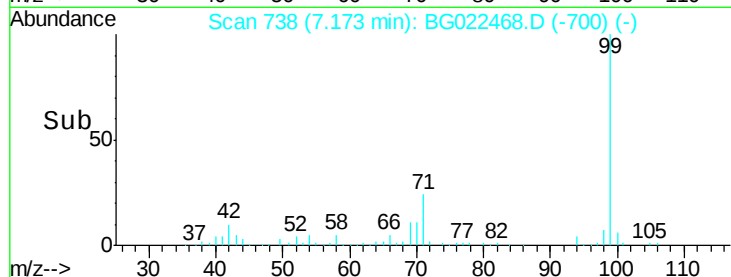
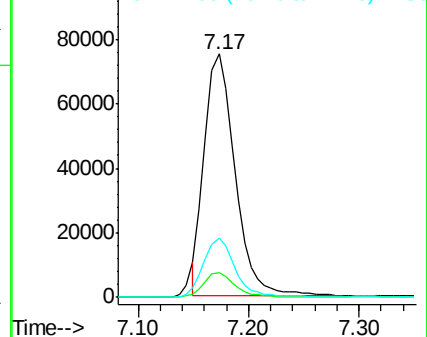
99 100

42 10.0 16.4 24.6#

71 24.4 25.0 37.4#



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



#10

Phenol

Concen: 9.53 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.08 min

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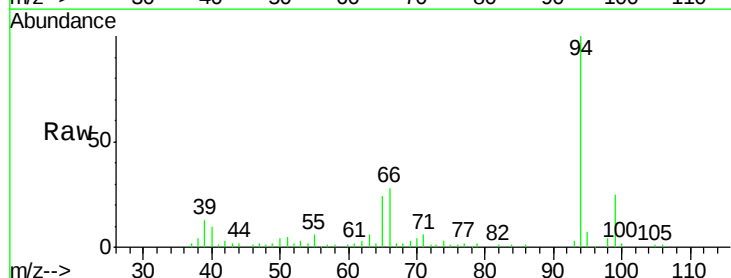
Tgt Ion: 94 Resp: 67276

Ion Ratio Lower Upper

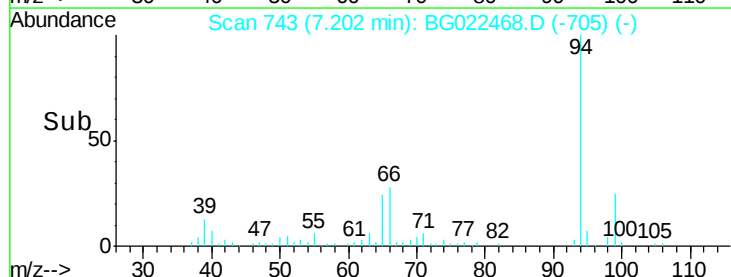
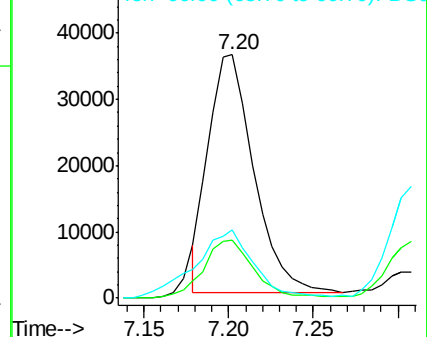
94 100

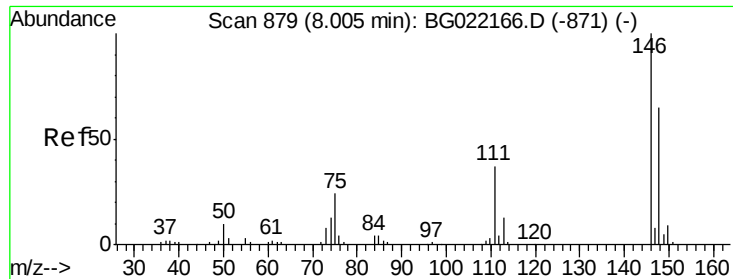
65 23.9 9.8 49.8

66 27.8 20.8 60.8



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

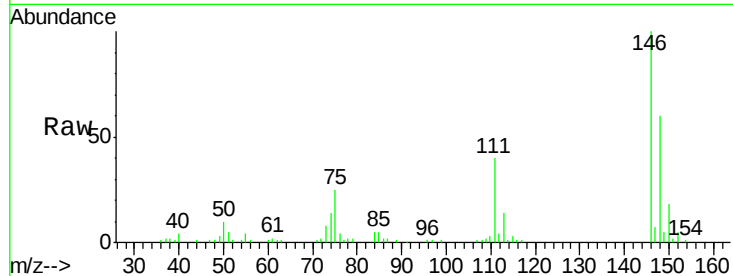




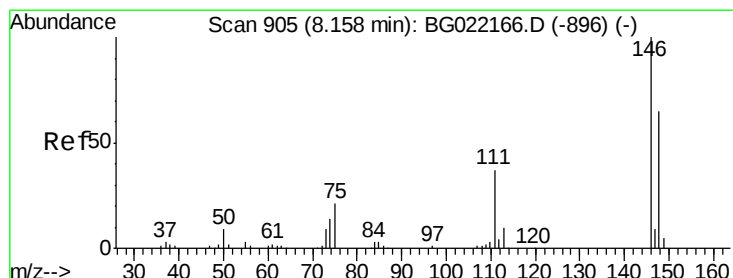
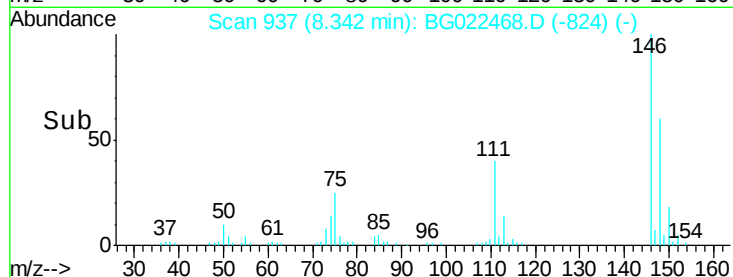
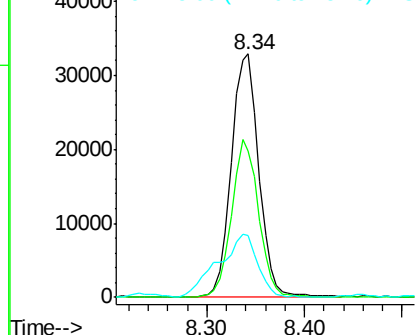
#12
 1,3-Dichlorobenzene
 Concen: 9.99 ng
 RT: 8.34 min Scan# 937
 Delta R.T. 0.36 min
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Tgt Ion:146 Resp: 64463
 Ion Ratio Lower Upper
 146 100
 148 60.4 53.7 80.5
 75 25.4 27.4 41.0#

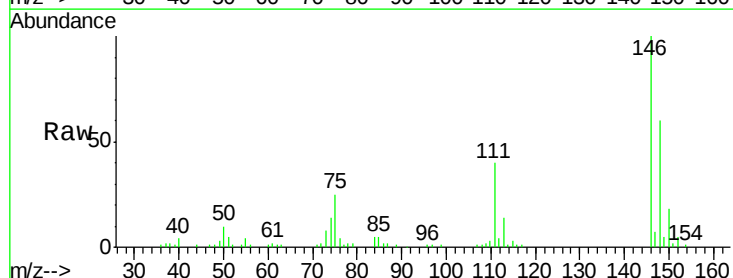


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

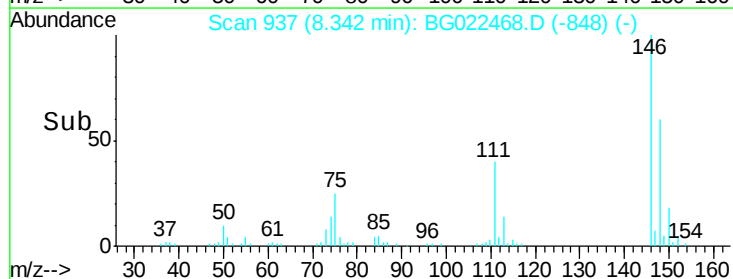
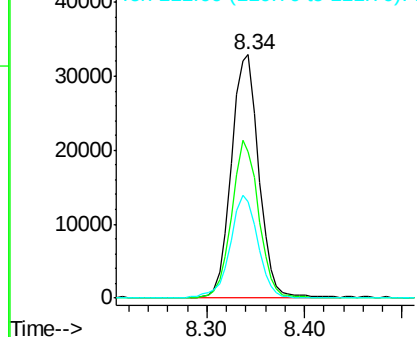


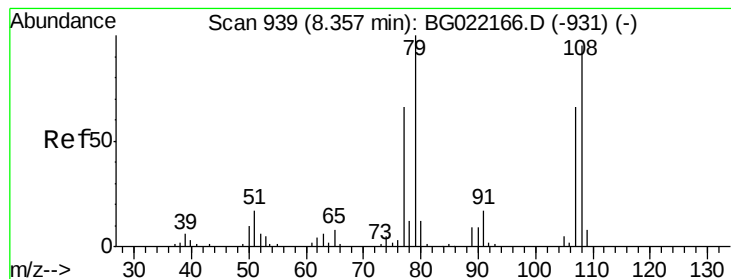
#13
 1,4-Dichlorobenzene
 Concen: 10.03 ng
 RT: 8.34 min Scan# 937
 Delta R.T. 0.22 min
 Lab File: BG022468.D
 Acq: 21 Jun 2016 15:52

Tgt Ion:146 Resp: 64463
 Ion Ratio Lower Upper
 146 100
 148 60.4 46.7 70.1
 111 39.8 33.0 49.6



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: 2.44 ng

RT: 8.52 min Scan# 968

Delta R.T. 0.19 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

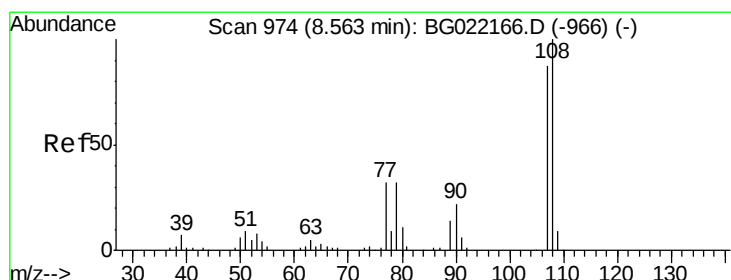
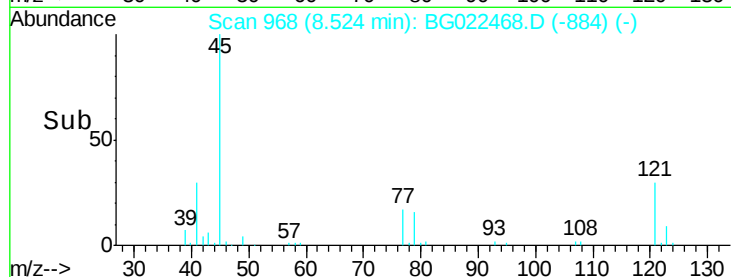
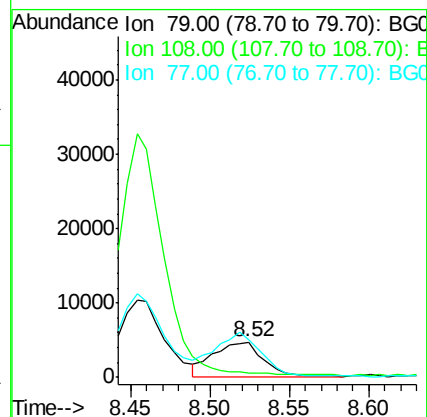
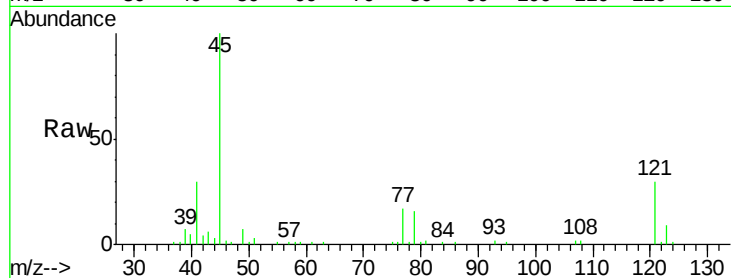
Tgt Ion: 79 Resp: 10780

Ion Ratio Lower Upper

79 100

108 10.5 59.4 89.0#

77 105.9 52.2 78.2#



#17

2-Methylphenol

Concen: 15.99 ng

RT: 8.79 min Scan# 1013

Delta R.T. 0.25 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Tgt Ion: 107 Resp: 84212

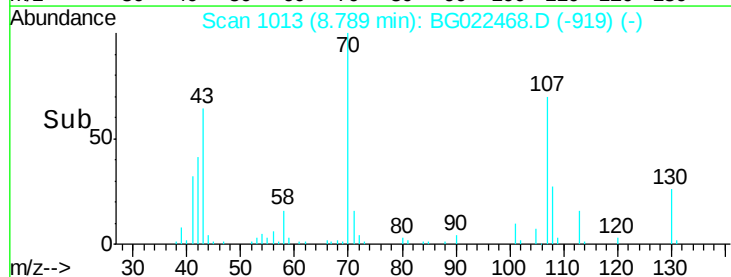
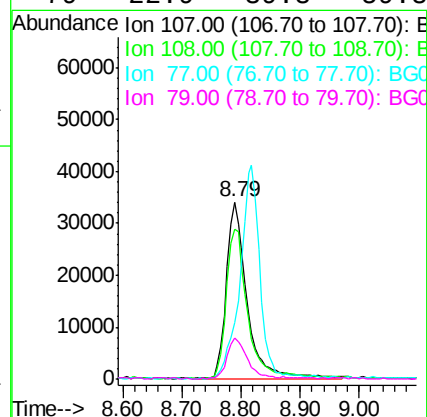
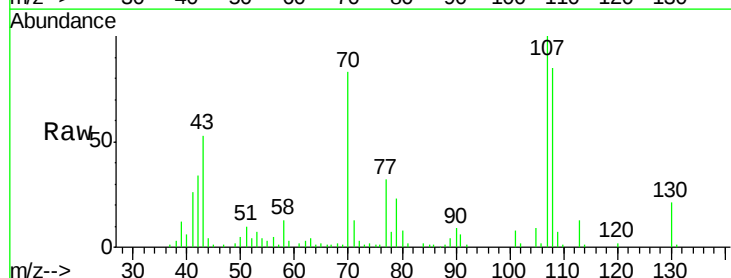
Ion Ratio Lower Upper

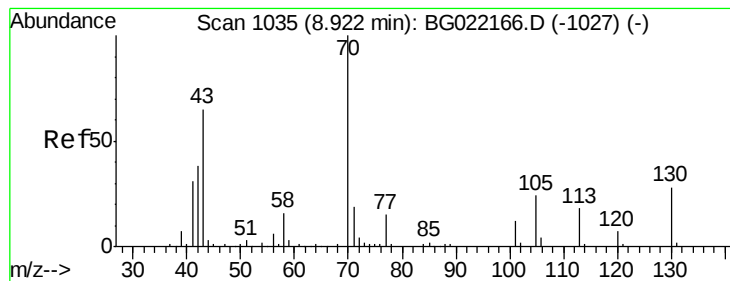
107 100

108 84.6 80.2 120.4

77 31.8 40.7 61.1#

79 22.9 39.8 59.8#





#19

n-Nitroso-di-n-propylamine

Concen: 3.56 ng

RT: 9.16 min Scan# 1077

Delta R.T. 0.27 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 16494

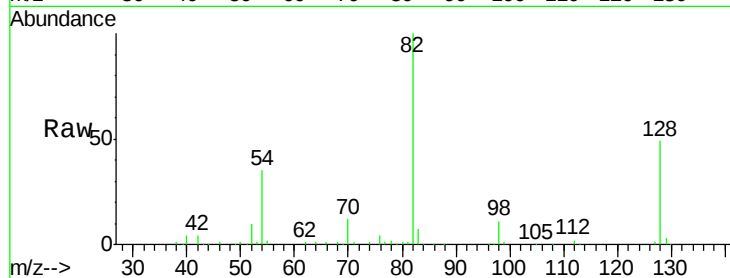
Ion Ratio Lower Upper

70 100

42 31.5 56.7 85.1#

101 0.0 8.2 12.4#

130 2.6 14.0 21.0#

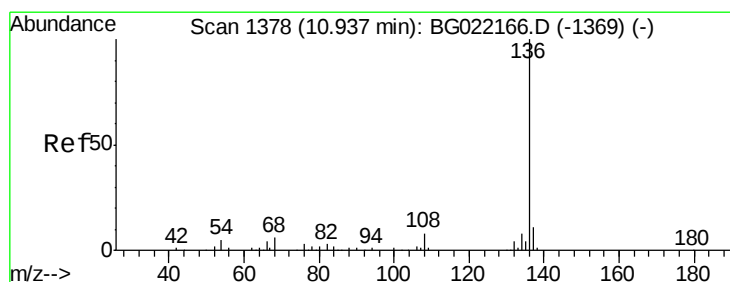
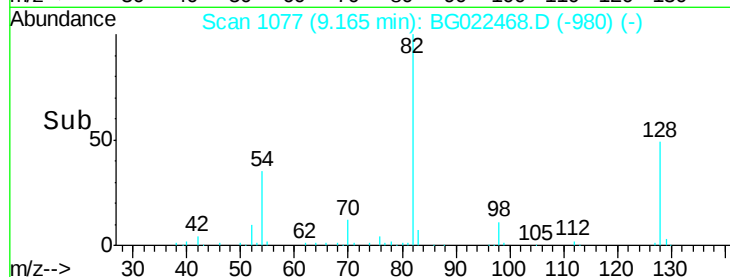
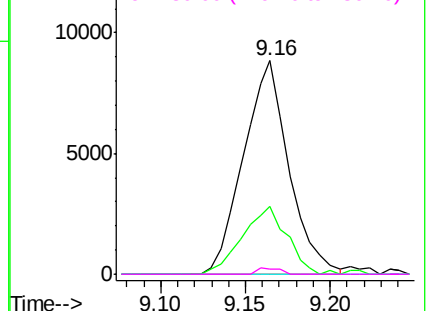


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

Delta R.T. 0.08 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Tgt Ion: 136 Resp: 56

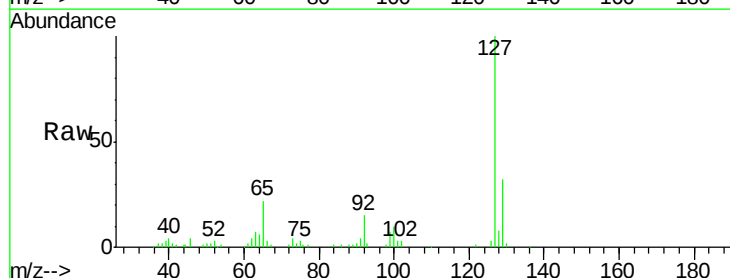
Ion Ratio Lower Upper

136 100

137 0.0 9.0 13.4#

54 125.6 9.6 14.4#

68 0.0 6.4 9.6#

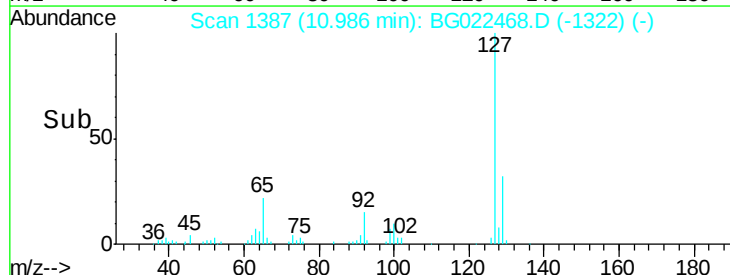
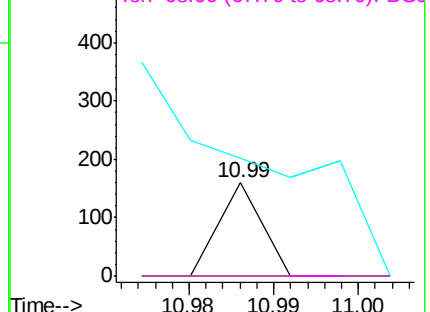


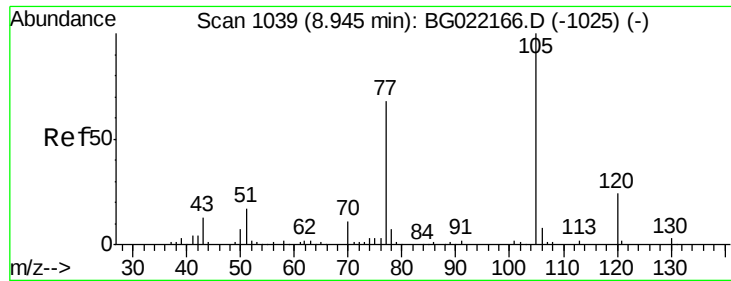
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 88240.80 ng

RT: 8.82 min Scan# 1018

Delta R.T. -0.10 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 105 Resp: 106488

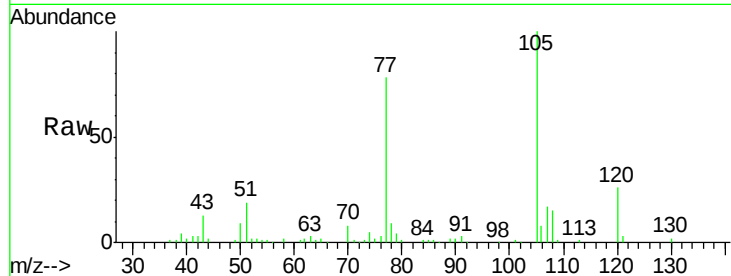
Ion Ratio Lower Upper

105 100

71 1.2 0.0 0.0#

51 18.7 25.7 38.5#

120 26.5 17.0 25.6#

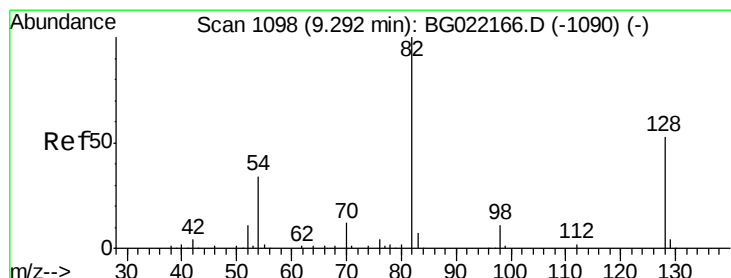
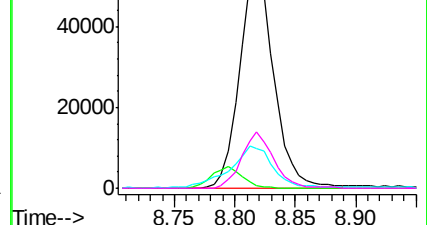
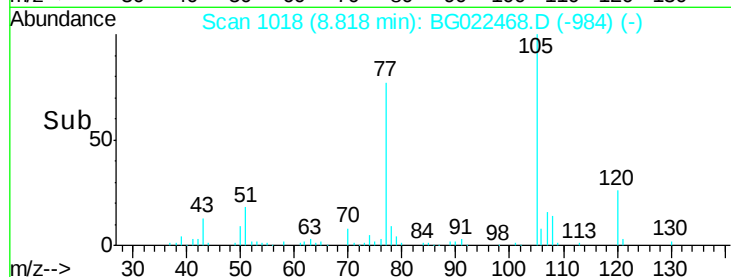


Abundance Ion 105.00 (104.70 to 105.70): E

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: 182667.31 ng

RT: 9.16 min Scan# 1077

Delta R.T. -0.10 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

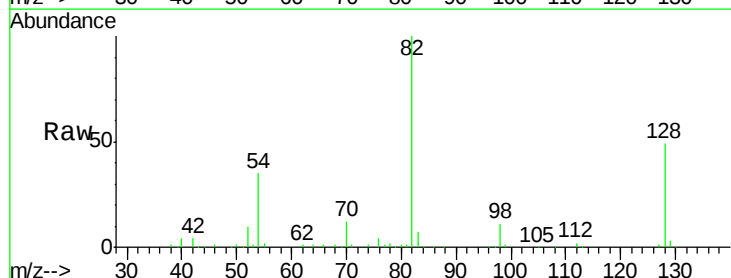
Tgt Ion: 82 Resp: 146726

Ion Ratio Lower Upper

82 100

128 48.8 33.4 50.0

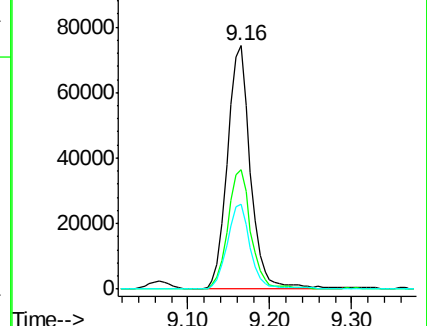
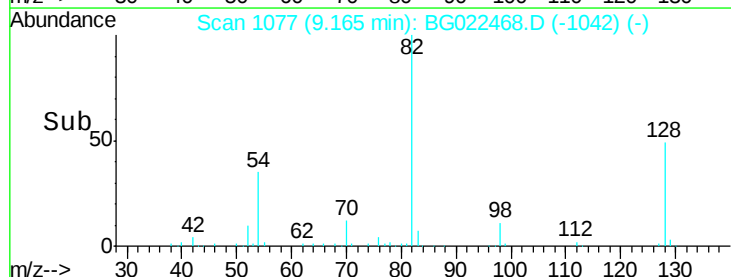
54 34.9 46.1 69.1#

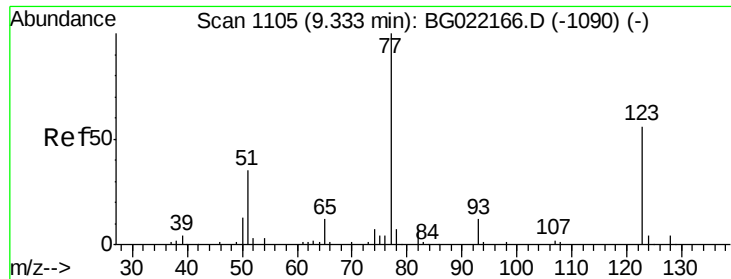


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

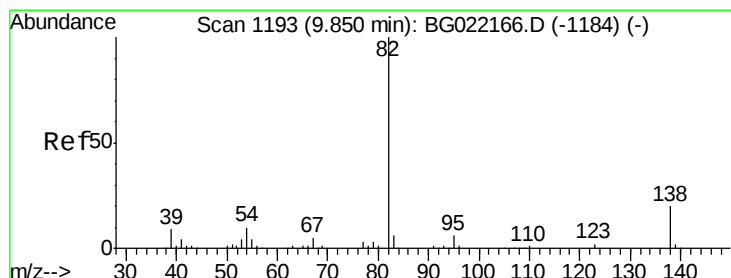
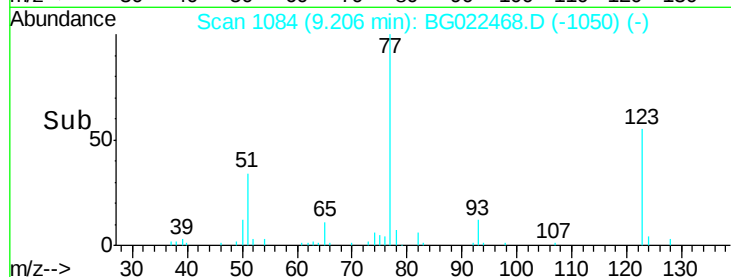
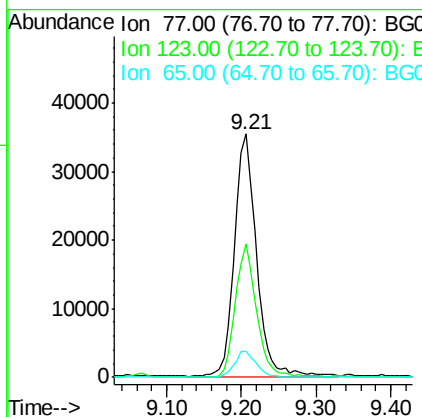
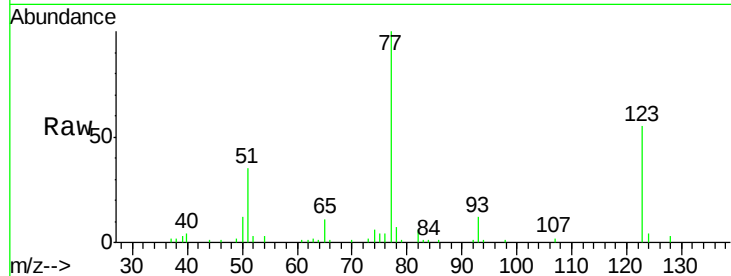




#24
 Nitrobenzene
 Concen: 92301.03 ng
 RT: 9.21 min Scan# 1084
 Delta R.T. -0.10 min
 Lab File: BG022468.D
 Acq: 21 Jun 2016 15:52

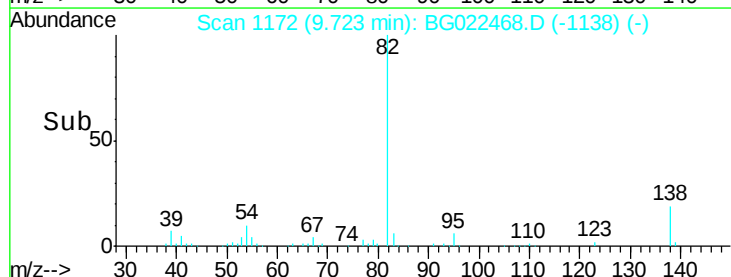
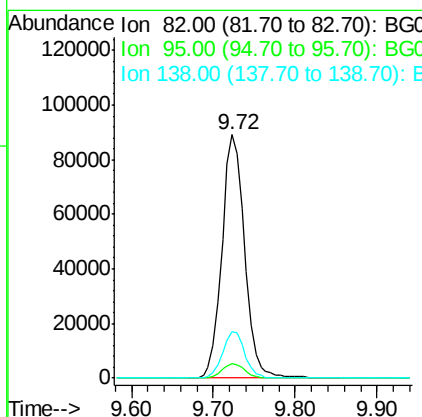
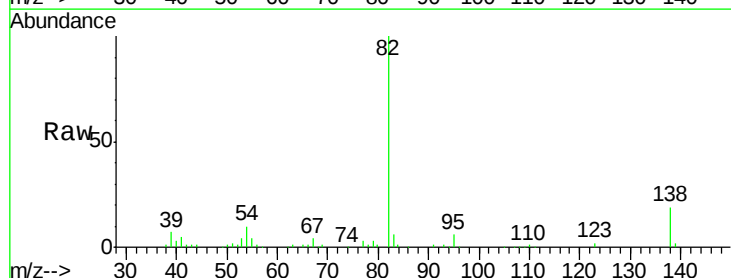
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

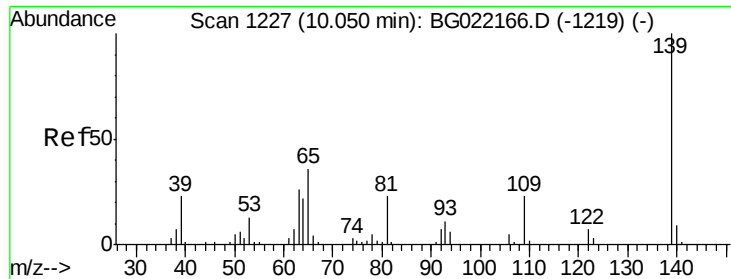
Tgt Ion: 77 Resp: 74555
 Ion Ratio Lower Upper
 77 100
 123 54.7 32.2 48.4#
 65 10.7 10.3 15.5



#25
 Isophorone
 Concen: 91736.04 ng
 RT: 9.72 min Scan# 1172
 Delta R.T. -0.10 min
 Lab File: BG022468.D
 Acq: 21 Jun 2016 15:52

Tgt Ion: 82 Resp: 172396
 Ion Ratio Lower Upper
 82 100
 95 5.8 6.0 9.0#
 138 18.9 13.4 20.0

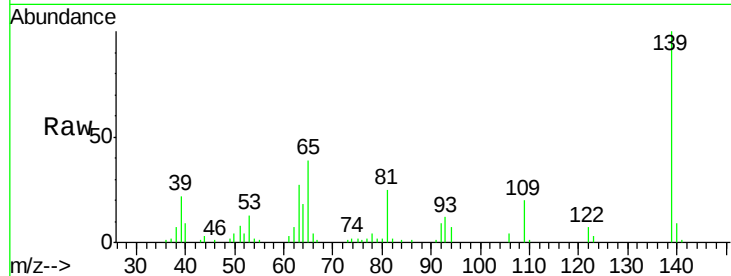




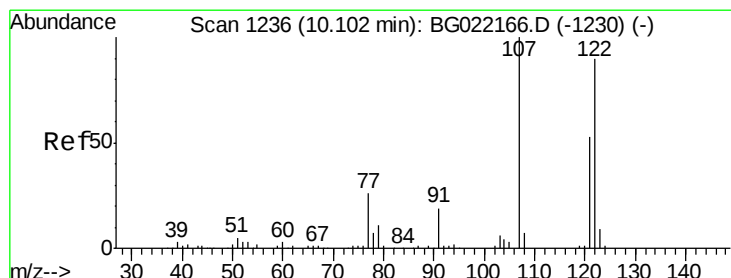
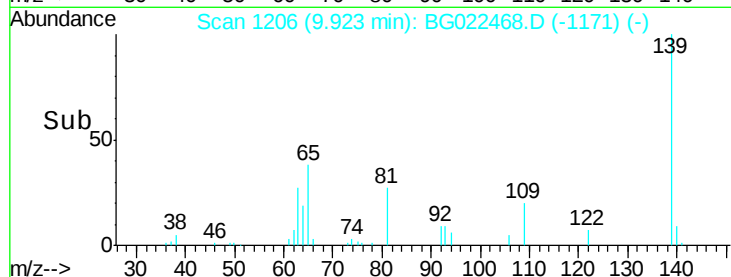
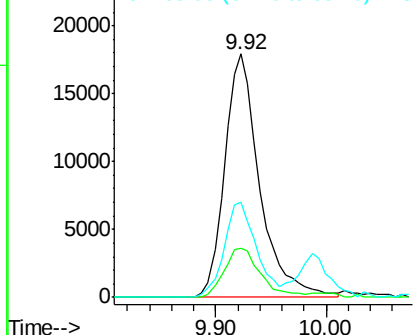
#26
2-Nitrophenol
Concen: 90404.35 ng
RT: 9.92 min Scan# 1206
Delta R.T. -0.10 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 39598
Ion Ratio Lower Upper
139 100
109 20.1 26.6 40.0#
65 39.2 45.3 67.9#

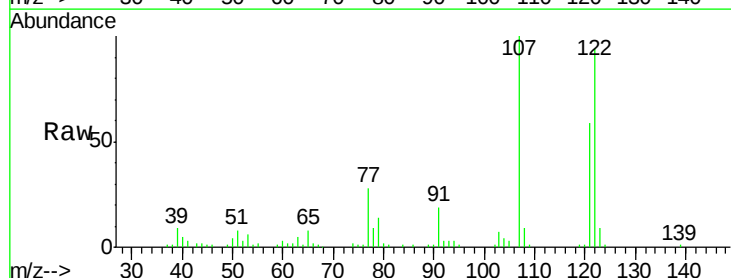


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

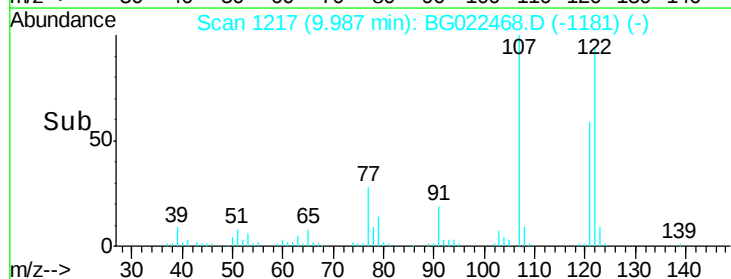
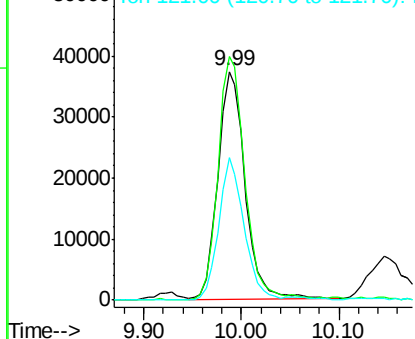


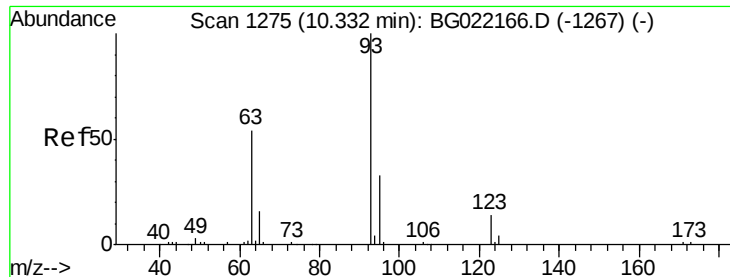
#27
2,4-Dimethylphenol
Concen: 90505.74 ng
RT: 9.99 min Scan# 1217
Delta R.T. -0.09 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion:122 Resp: 71751
Ion Ratio Lower Upper
122 100
107 106.4 97.2 145.8
121 62.5 49.0 73.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

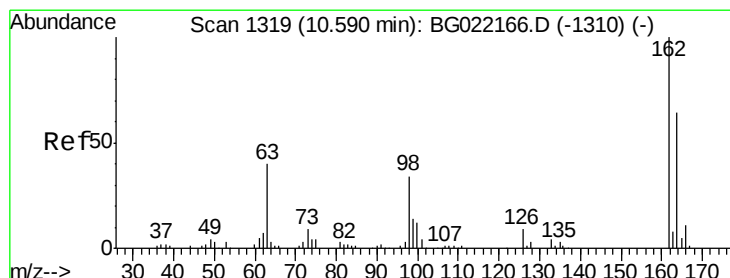
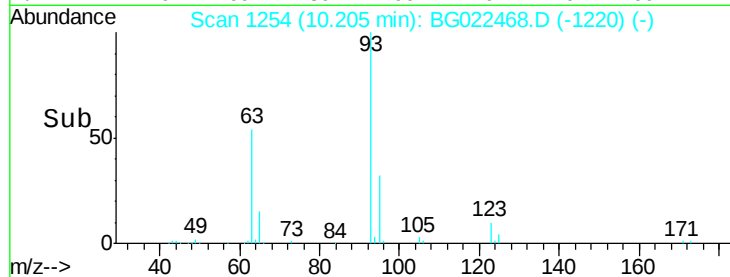
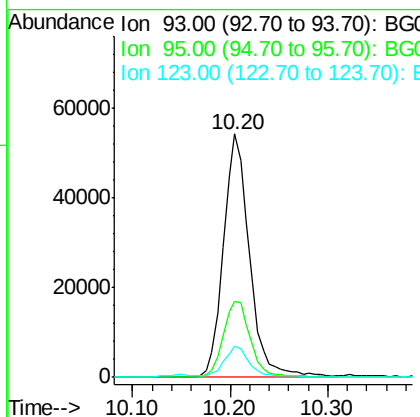
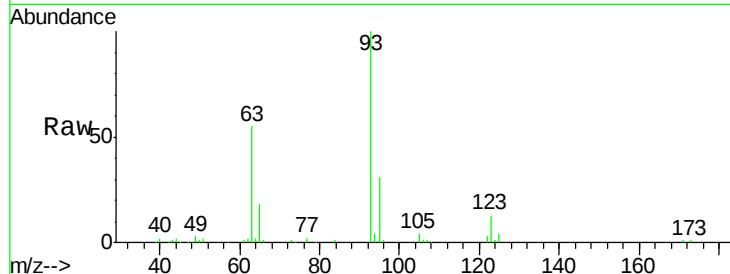




#28
bis(2-Chloroethoxy)methane
Concen: 93557.27 ng
RT: 10.20 min Scan# 1254
Delta R.T. -0.10 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

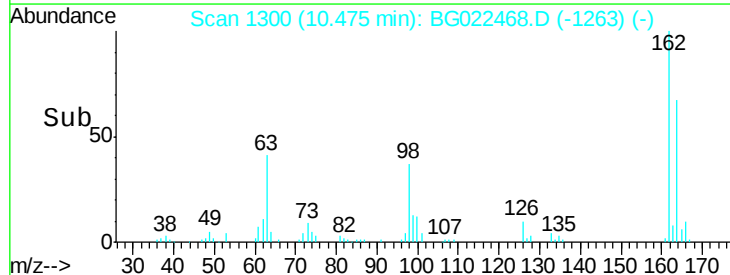
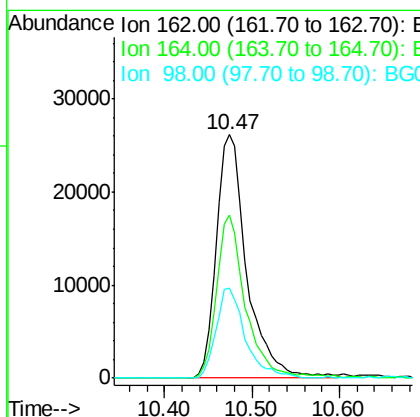
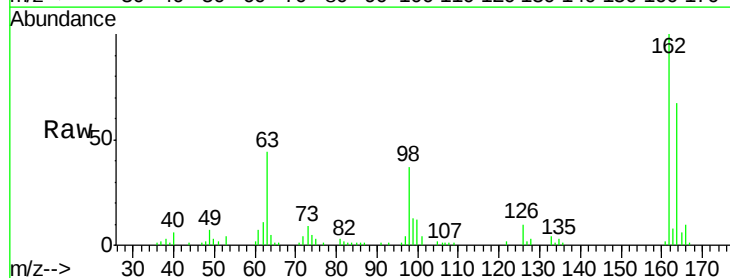
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

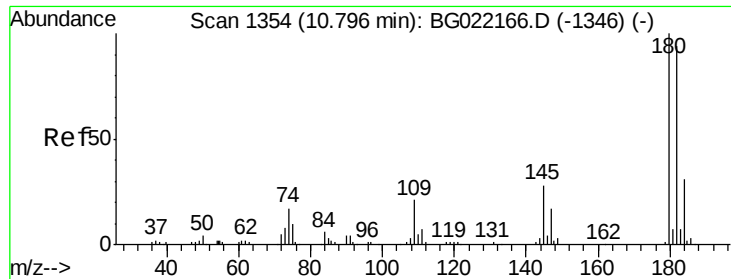
Tgt Ion: 93 Resp: 100728
Ion Ratio Lower Upper
93 100
95 31.4 30.1 45.1
123 12.6 10.2 15.4



#29
2,4-Dichlorophenol
Concen: 85630.50 ng
RT: 10.47 min Scan# 1300
Delta R.T. -0.08 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion: 162 Resp: 62890
Ion Ratio Lower Upper
162 100
164 66.8 44.9 84.9
98 36.9 19.2 59.2

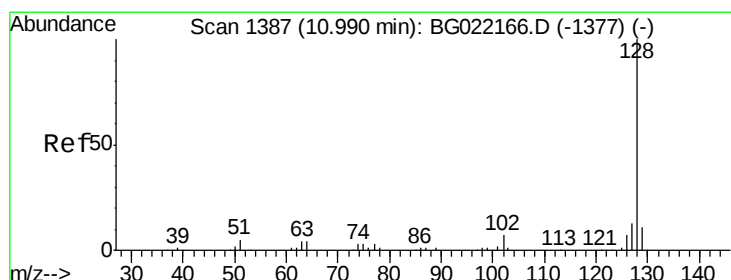
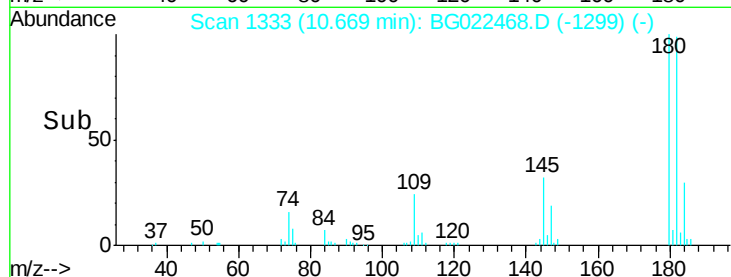
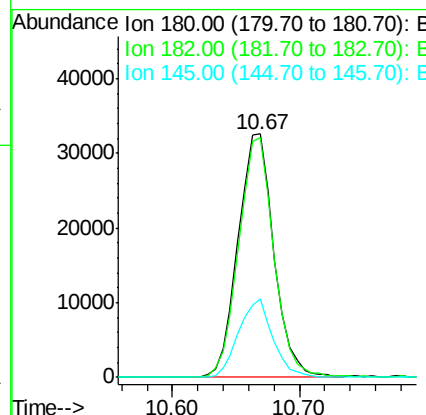
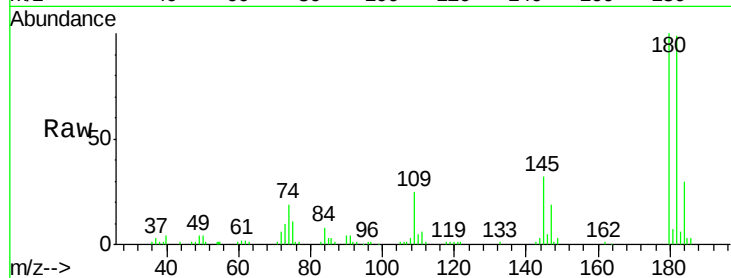




#30
1,2,4-Trichlorobenzene
Concen: 77661.12 ng
RT: 10.67 min Scan# 1333
Delta R.T. -0.10 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

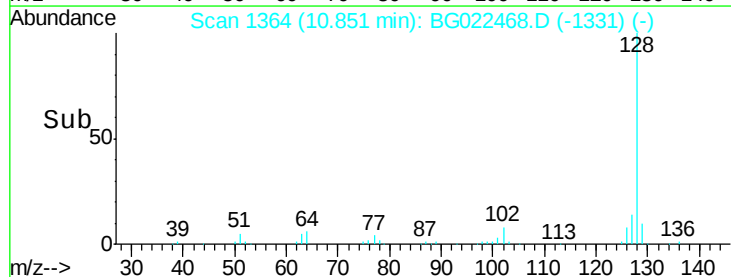
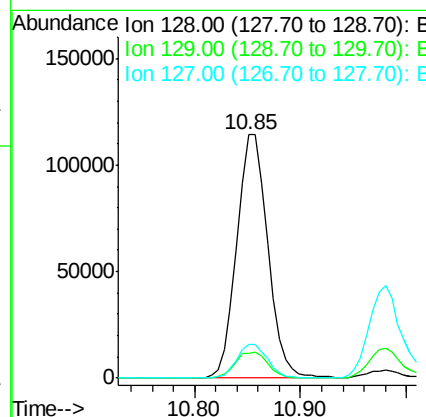
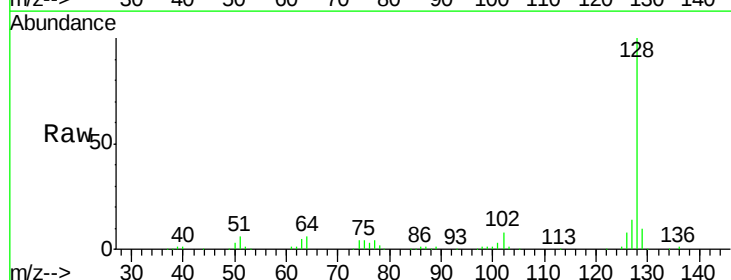
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

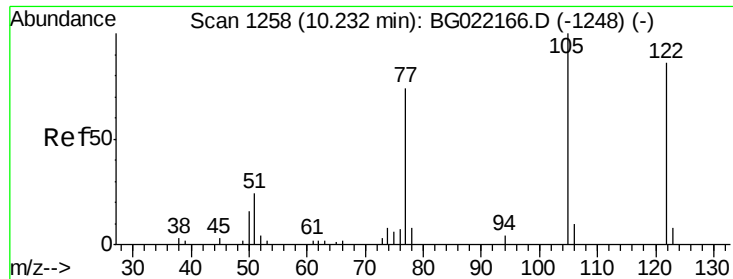
Tgt Ion:180 Resp: 63731
Ion Ratio Lower Upper
180 100
182 98.7 82.3 123.5
145 32.2 24.4 36.6



#31
Naphthalene
Concen: 83362.75 ng
RT: 10.85 min Scan# 1364
Delta R.T. -0.11 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion:128 Resp: 233018
Ion Ratio Lower Upper
128 100
129 10.3 7.0 10.6
127 13.9 10.1 15.1

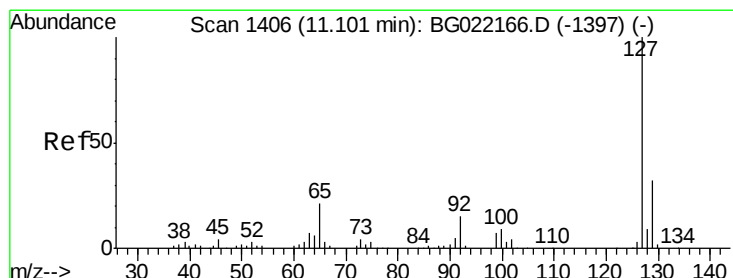
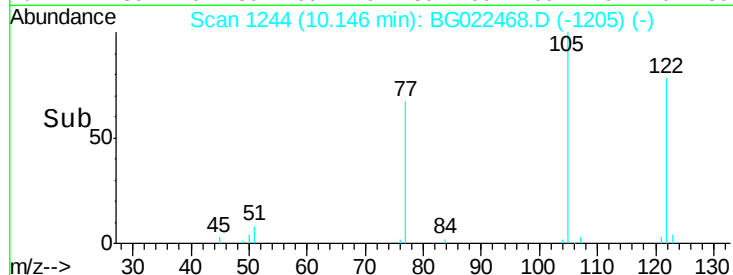
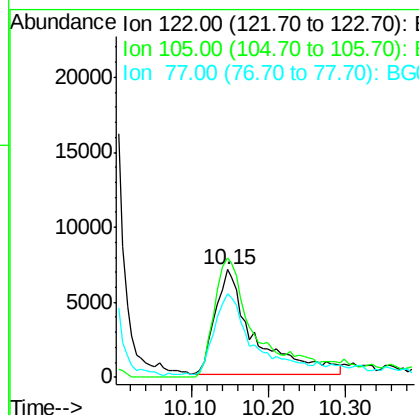
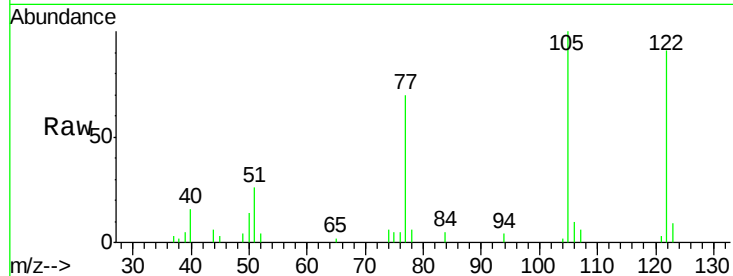




#32
Benzoic acid
Concen: 3295.99 ng
RT: 10.15 min Scan# 1244
Delta R.T. -0.07 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

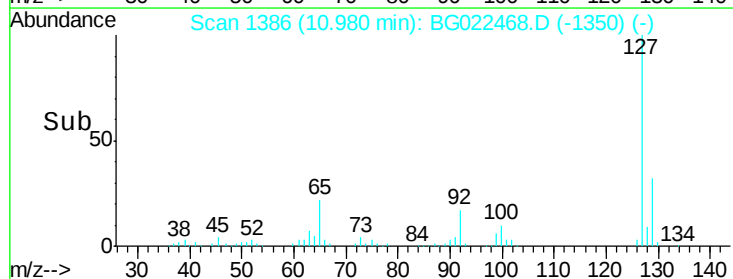
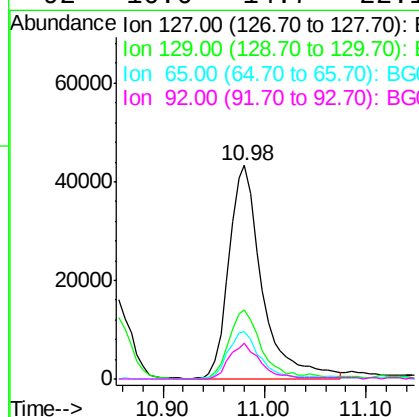
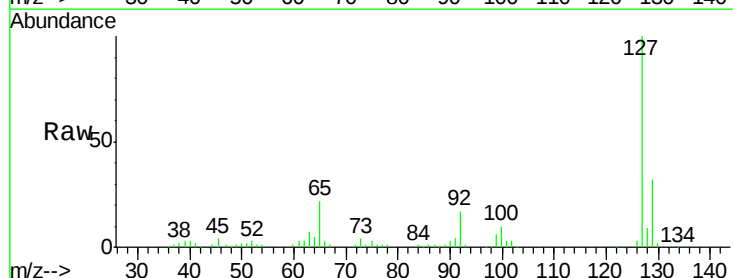
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

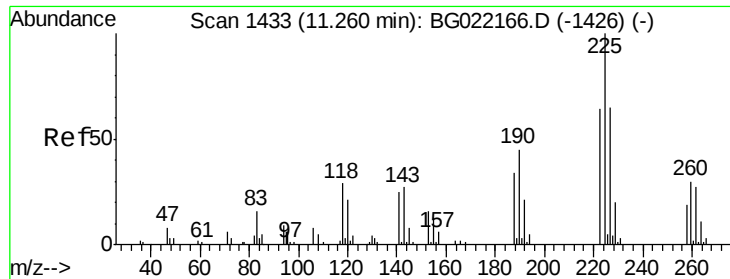
Tgt Ion:122 Resp: 24434
Ion Ratio Lower Upper
122 100
105 110.5 104.5 144.5
77 77.2 79.9 119.9#



#33
4-Chloroaniline
Concen: 84943.47 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.09 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion:127 Resp: 98731
Ion Ratio Lower Upper
127 100
129 32.1 26.6 39.8
65 22.1 27.5 41.3#
92 16.6 14.7 22.1





#34

Hexachlorobutadiene

Concen: 72691.19 ng

RT: 11.13 min Scan# 1411

Delta R.T. -0.11 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

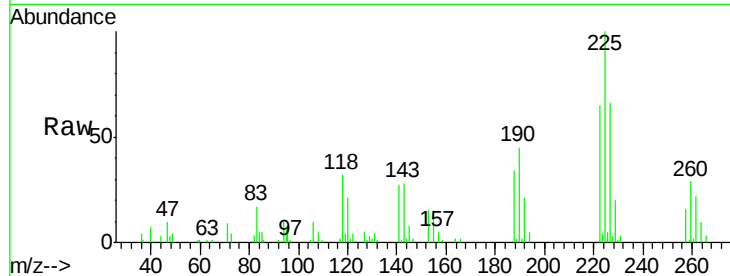
Tgt Ion:225 Resp: 32025

Ion Ratio Lower Upper

225 100

223 65.1 52.7 79.1

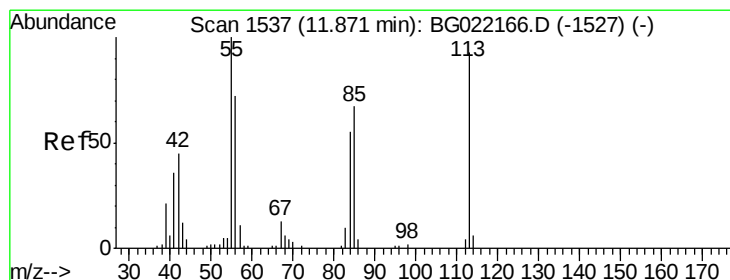
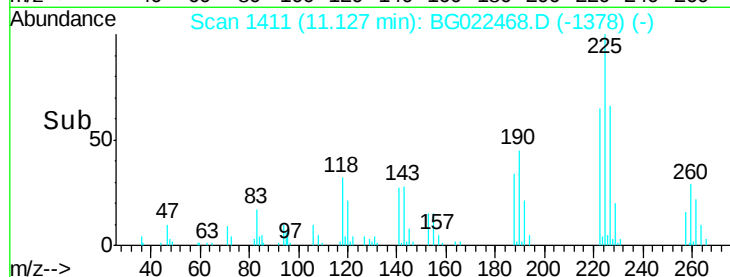
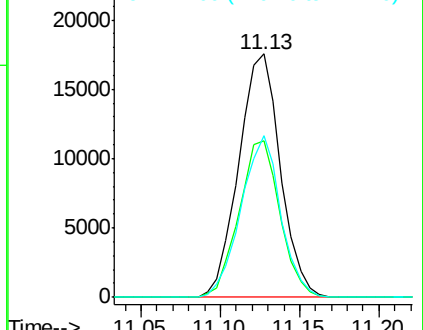
227 65.9 49.7 74.5



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 5150.34 ng

RT: 12.12 min Scan# 1580

Delta R.T. 0.26 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

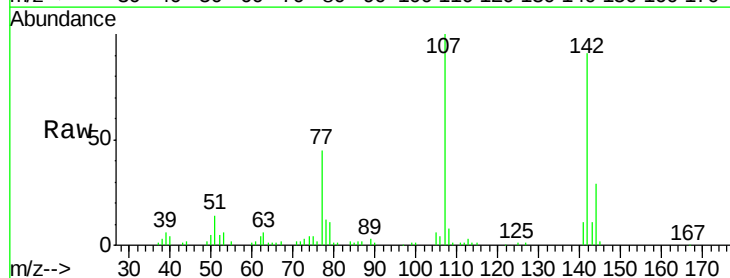
Tgt Ion:113 Resp: 2075

Ion Ratio Lower Upper

113 100

55 45.1 194.2 234.2#

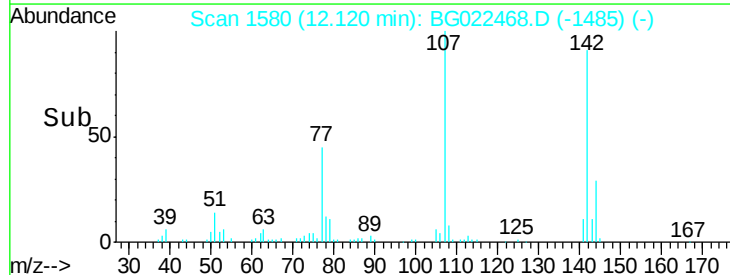
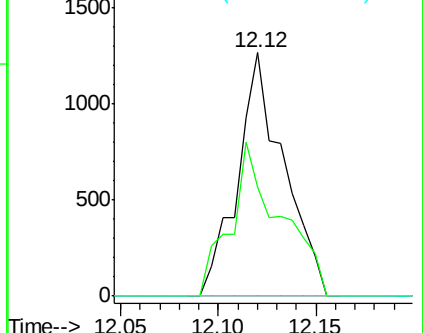
56 0.0 122.6 162.6#

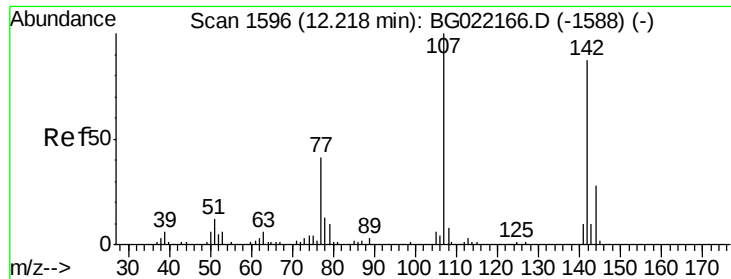


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

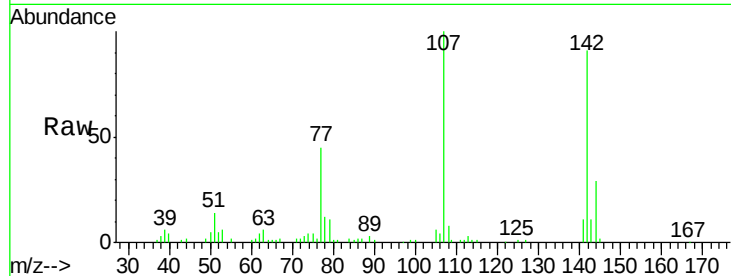




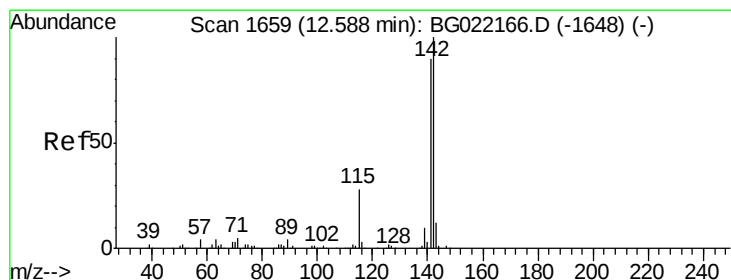
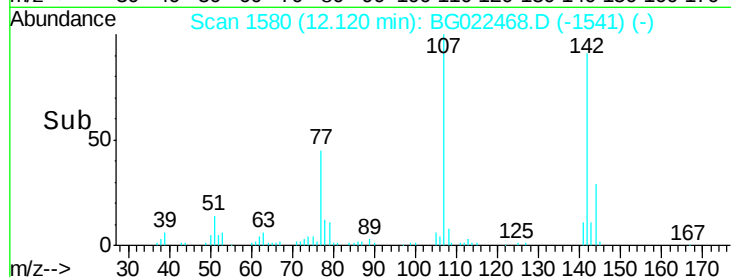
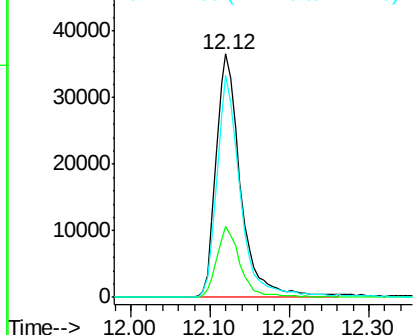
#36
 4-Chloro-3-methylphenol
 Concen: 90538.95 ng
 RT: 12.12 min Scan# 1580
 Delta R.T. -0.07 min
 Lab File: BG022468.D
 Acq: 21 Jun 2016 15:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:107 Resp: 78816
 Ion Ratio Lower Upper
 107 100
 144 28.9 19.2 28.8#
 142 91.0 59.1 88.7#

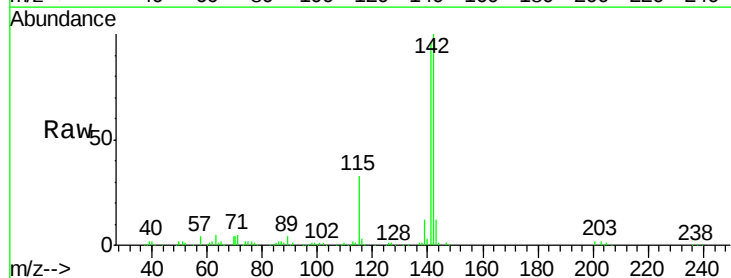


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

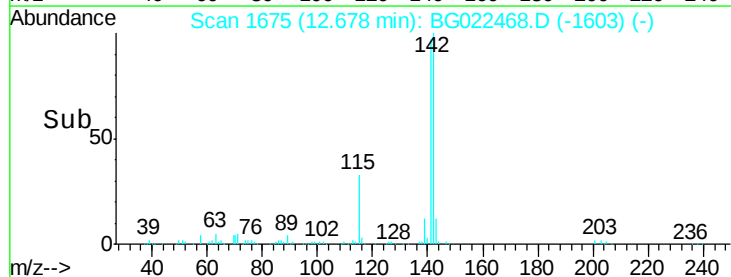
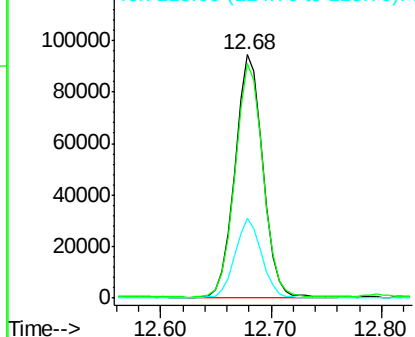


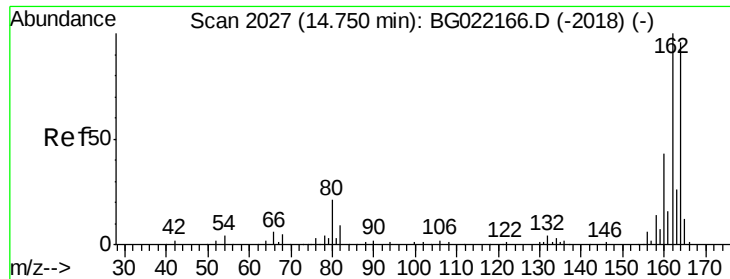
#37
 2-Methylnaphthalene
 Concen: 80577.98 ng
 RT: 12.68 min Scan# 1675
 Delta R.T. 0.12 min
 Lab File: BG022468.D
 Acq: 21 Jun 2016 15:52

Tgt Ion:142 Resp: 166279
 Ion Ratio Lower Upper
 142 100
 141 96.3 71.4 107.0
 115 32.5 27.4 41.2



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2008

Delta R.T. -0.09 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

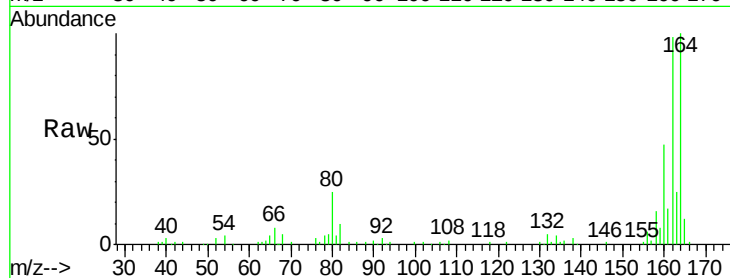
Tgt Ion:164 Resp: 73911

Ion Ratio Lower Upper

164 100

162 98.2 78.0 117.0

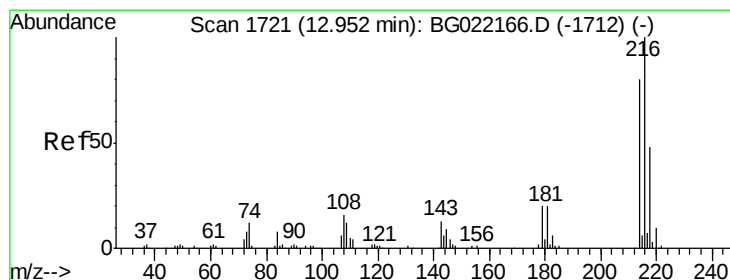
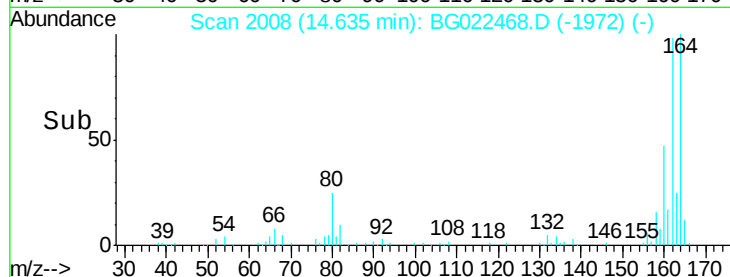
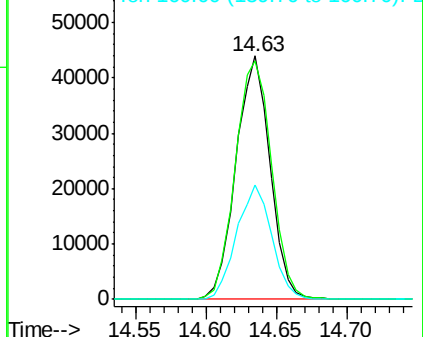
160 46.9 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.05 ng

RT: 12.83 min Scan# 1701

Delta R.T. -0.09 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Tgt Ion:216 Resp: 68595

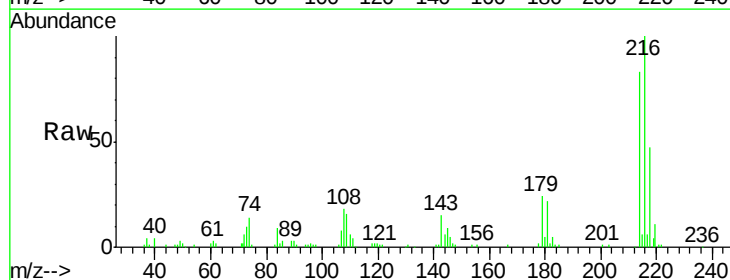
Ion Ratio Lower Upper

216 100

214 81.8 62.2 93.2

179 22.8 16.7 25.1

108 20.5 14.0 21.0

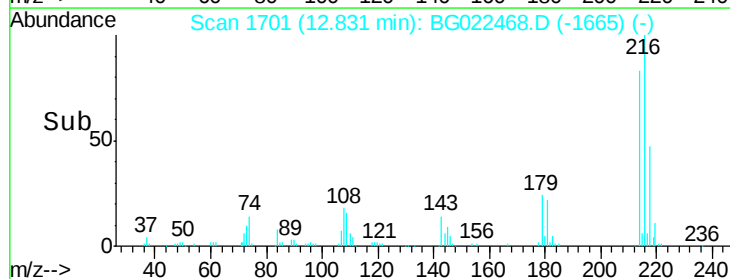
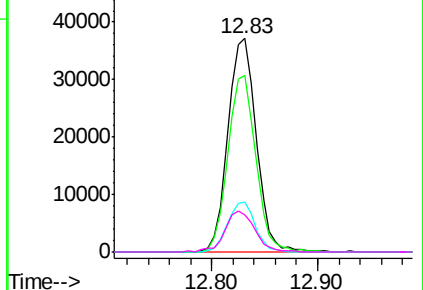


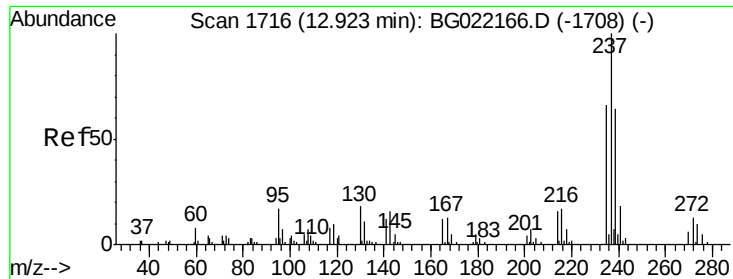
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 20.80 ng

RT: 12.80 min Scan# 1696

Delta R.T. -0.10 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

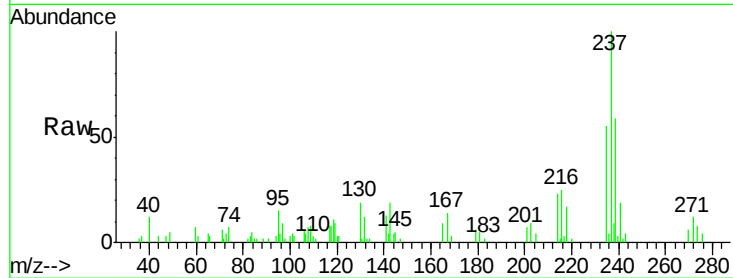
Tgt Ion: 237 Resp: 16232

Ion	Ratio	Lower	Upper
237	100		
235	55.3	43.2	83.2
272	12.5	0.0	33.4

237 100

235 55.3 43.2 83.2

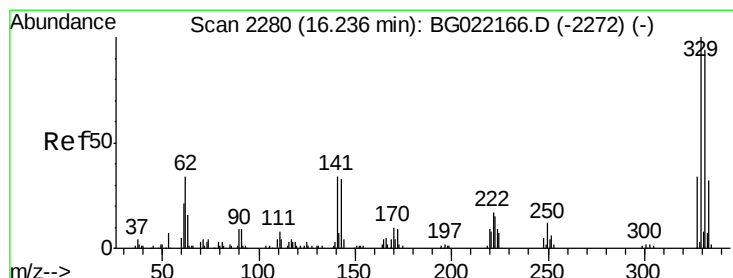
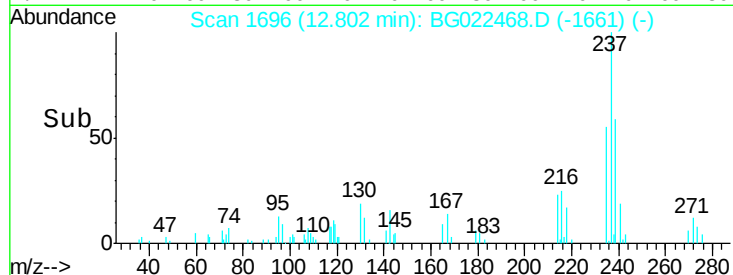
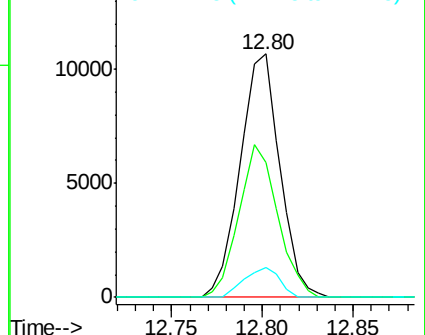
272 12.5 0.0 33.4



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



#41

2,4,6-Tribromophenol

Concen: 59.54 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.09 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

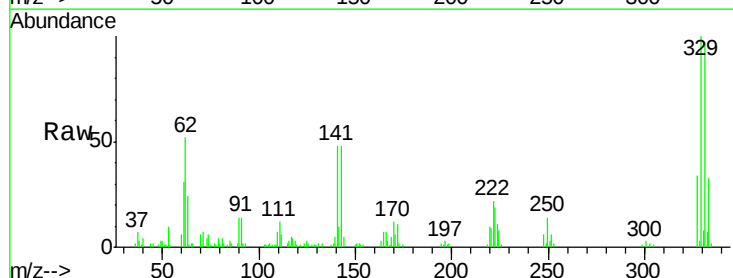
Tgt Ion: 330 Resp: 49724

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.0	117.0
141	48.6	33.8	50.8

330 100

332 96.0 78.0 117.0

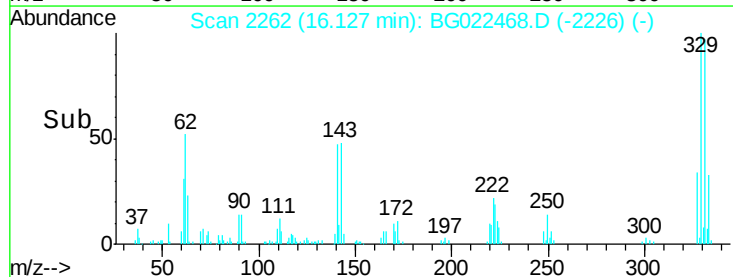
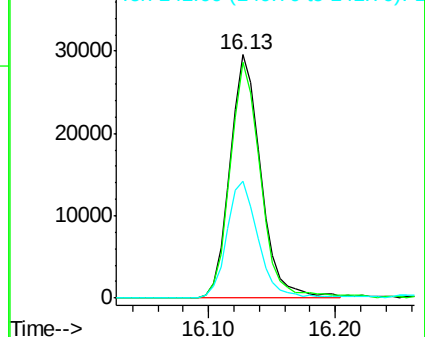
141 48.6 33.8 50.8

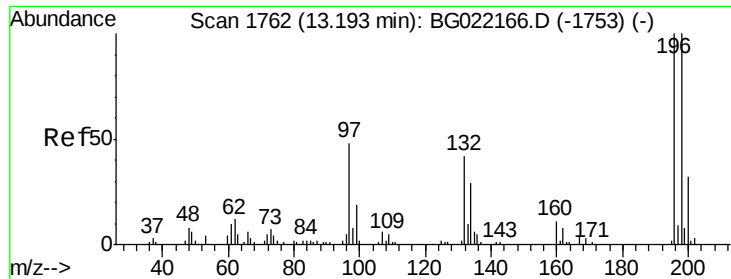


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

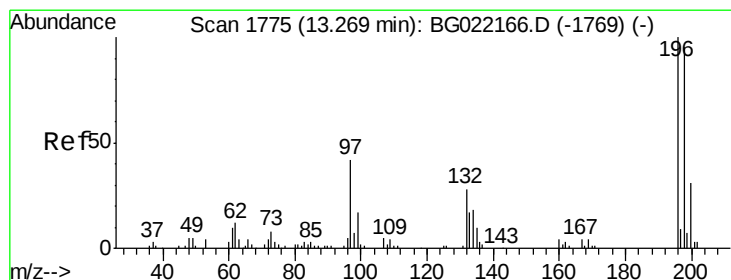
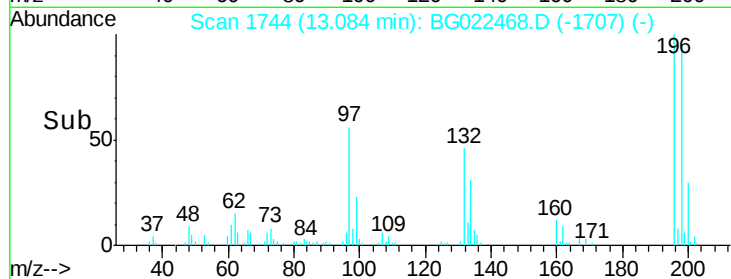
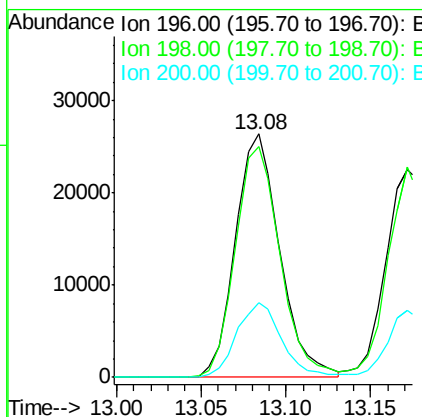
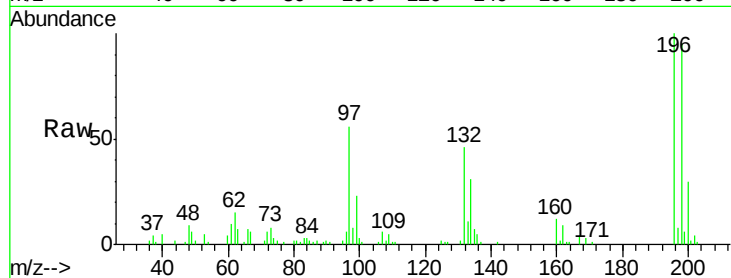




#42
 2,4,6-Trichlorophenol
 Concen: 37.80 ng
 RT: 13.08 min Scan# 1744
 Delta R.T. -0.08 min
 Lab File: BG022468.D
 Acq: 21 Jun 2016 15:52

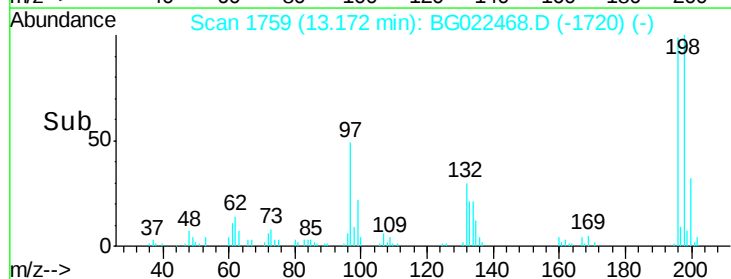
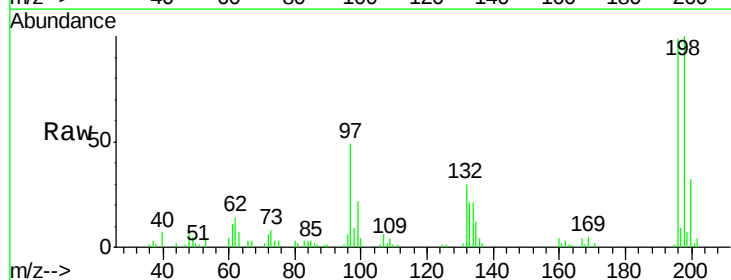
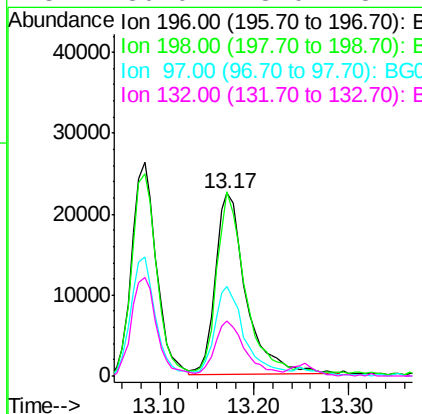
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

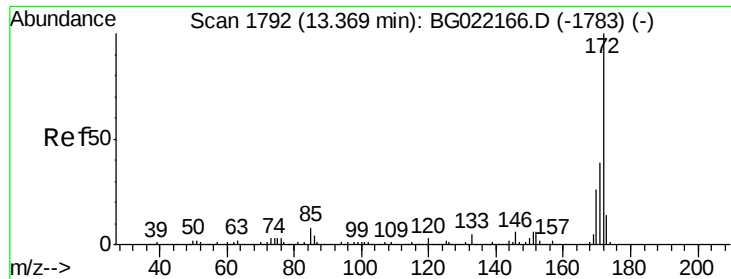
Tgt Ion:196 Resp: 48251
 Ion Ratio Lower Upper
 196 100
 198 94.9 80.1 120.1
 200 30.4 24.1 36.1



#43
 2,4,5-Trichlorophenol
 Concen: 36.30 ng
 RT: 13.17 min Scan# 1759
 Delta R.T. -0.07 min
 Lab File: BG022468.D
 Acq: 21 Jun 2016 15:52

Tgt Ion:196 Resp: 51186
 Ion Ratio Lower Upper
 196 100
 198 101.4 78.0 117.0
 97 49.4 43.0 64.6
 132 30.0 23.0 34.4

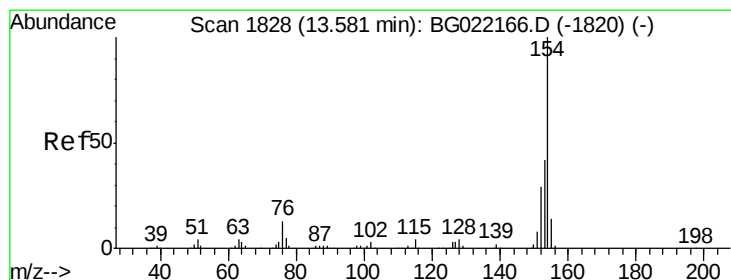
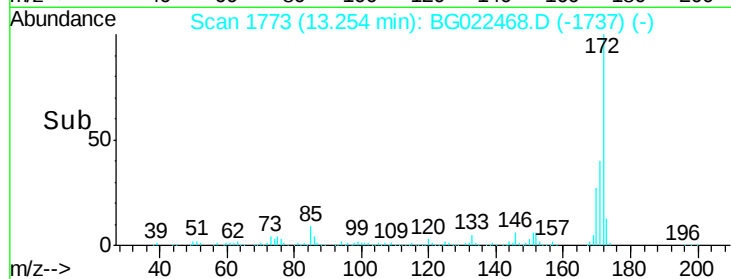
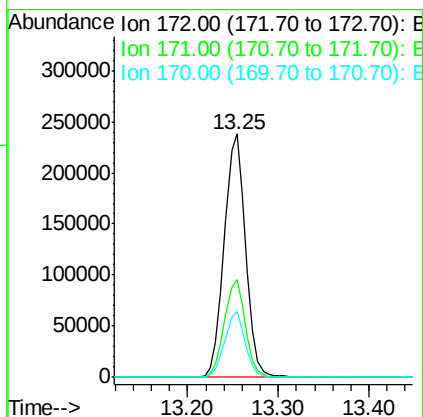
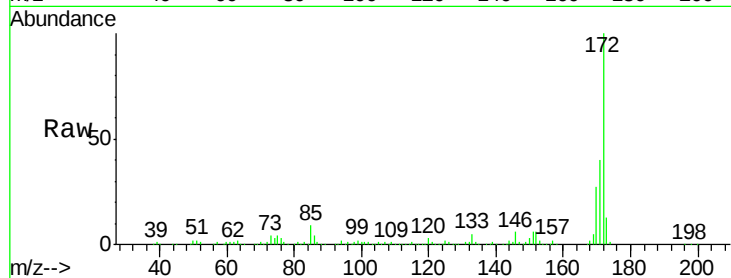




#44
2-Fluorobiphenyl
Concen: 80.27 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.09 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

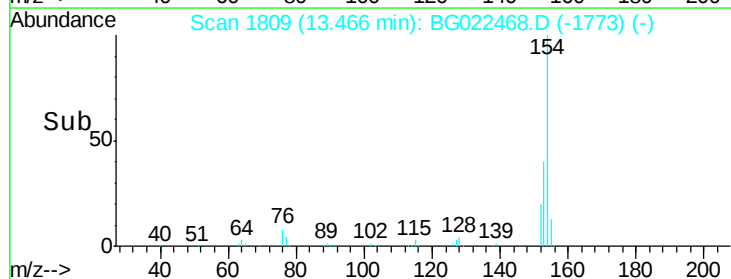
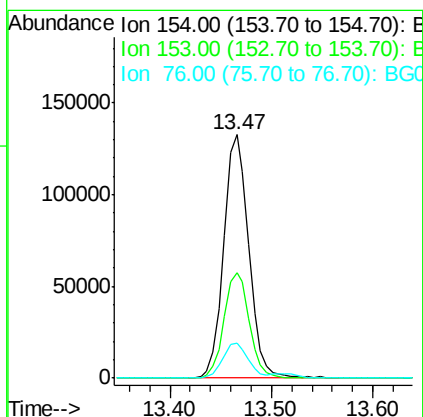
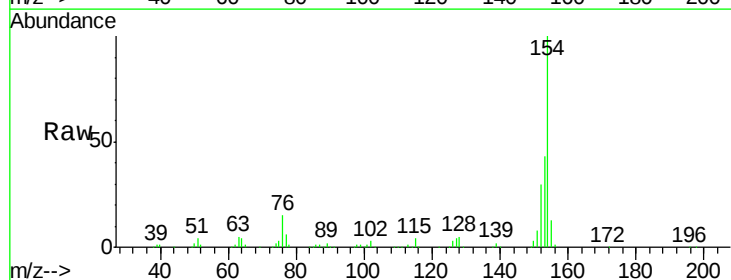
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

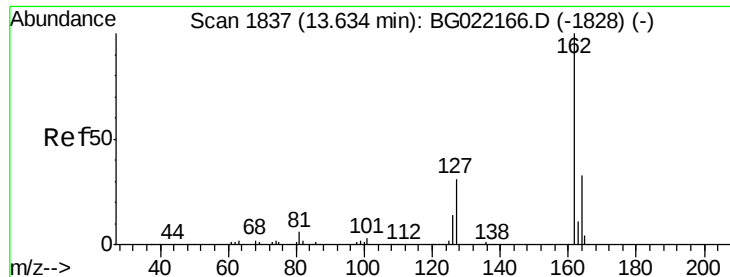
Tgt Ion:172 Resp: 389315
Ion Ratio Lower Upper
172 100
171 40.2 27.8 41.6
170 27.0 19.6 29.4



#45
1,1'-Biphenyl
Concen: 40.83 ng
RT: 13.47 min Scan# 1809
Delta R.T. -0.09 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion:154 Resp: 227140
Ion Ratio Lower Upper
154 100
153 43.4 19.7 59.7
76 14.5 0.0 33.0

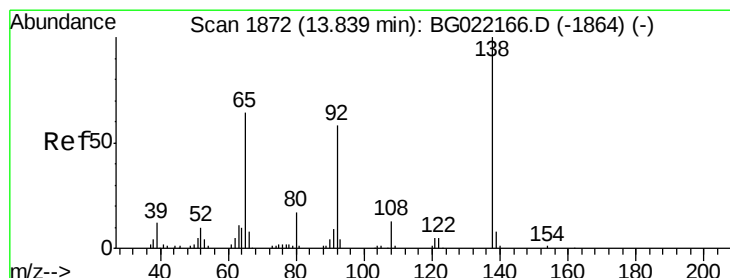
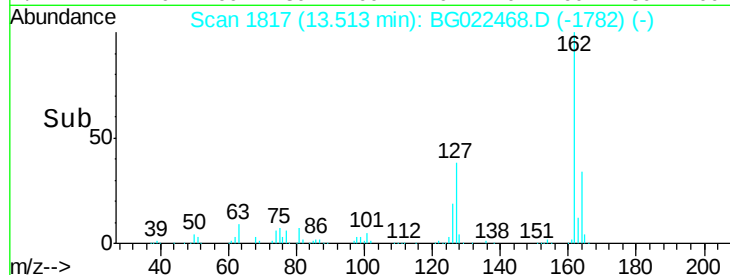
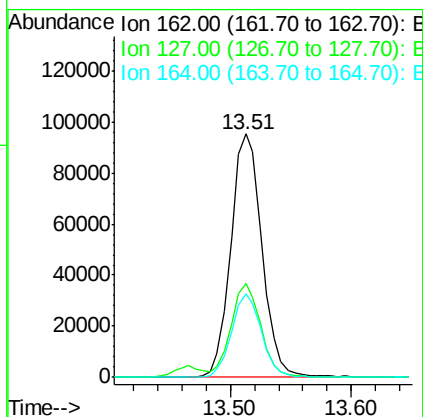
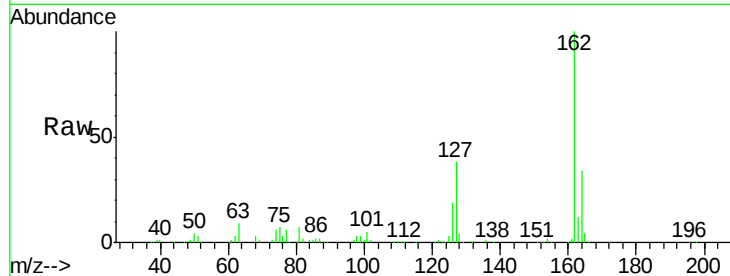




#46
2-Chloronaphthalene
Concen: 40.07 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.10 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

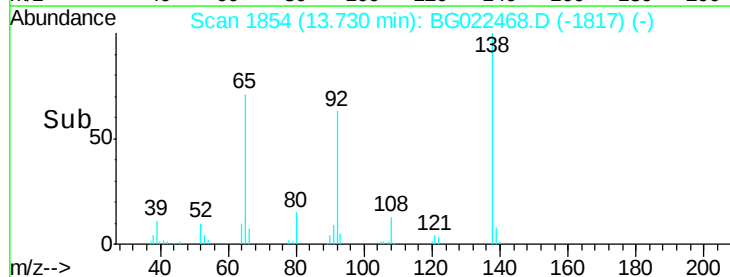
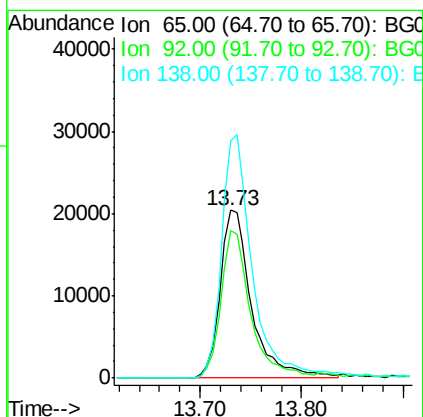
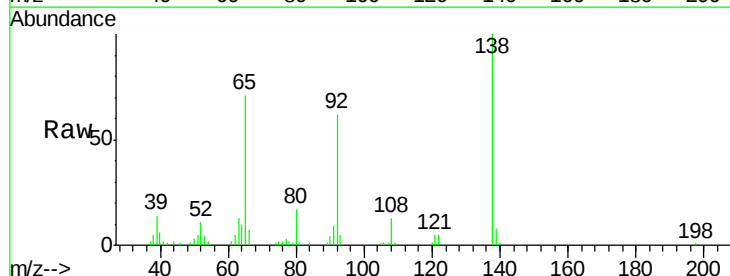
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

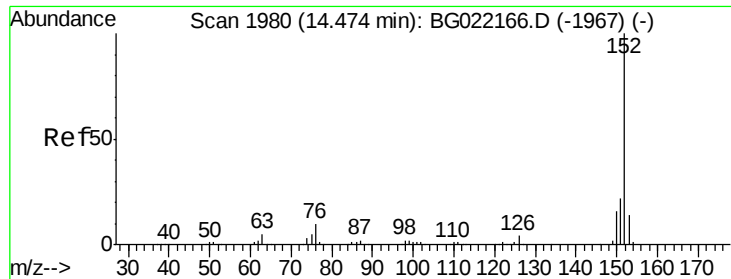
Tgt Ion: 162 Resp: 170873
Ion Ratio Lower Upper
162 100
127 38.3 32.0 48.0
164 34.2 27.0 40.4



#47
2-Nitroaniline
Concen: 43.47 ng
RT: 13.73 min Scan# 1854
Delta R.T. -0.08 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion: 65 Resp: 44200
Ion Ratio Lower Upper
65 100
92 88.0 49.2 73.8#
138 141.5 75.0 112.6#





#48

Acenaphthylene

Concen: 40.08 ng

RT: 14.36 min Scan# 1961

Delta R.T. -0.09 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

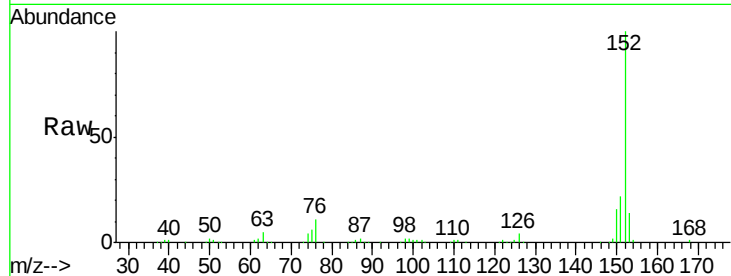
Tgt Ion:152 Resp: 299837

Ion Ratio Lower Upper

152 100

151 22.0 16.6 24.8

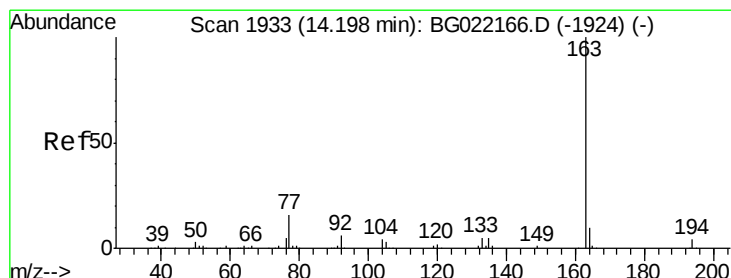
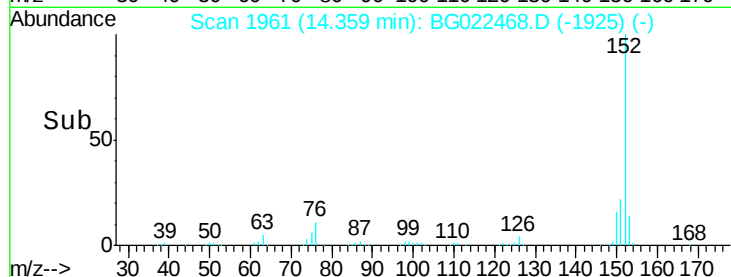
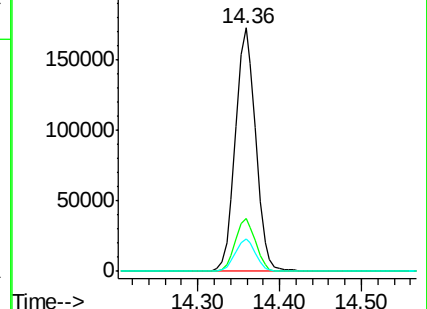
153 13.5 10.2 15.2



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



#49

Dimethylphthalate

Concen: 38.59 ng

RT: 14.08 min Scan# 1914

Delta R.T. -0.09 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

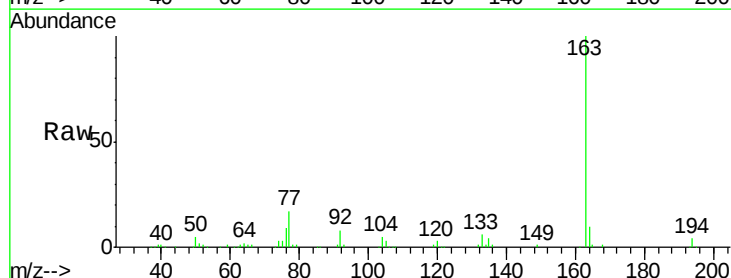
Tgt Ion:163 Resp: 236506

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

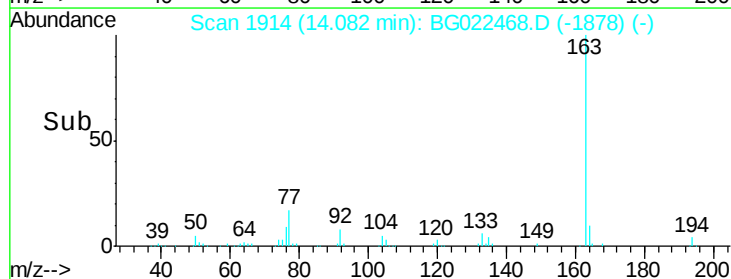
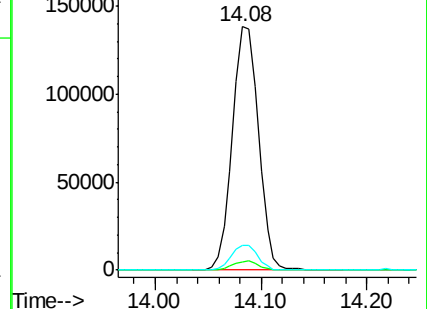
164 10.4 8.1 12.1

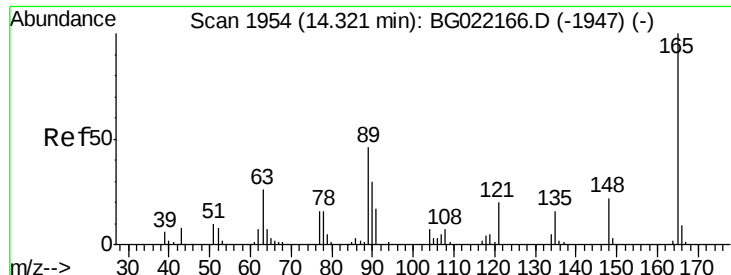


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

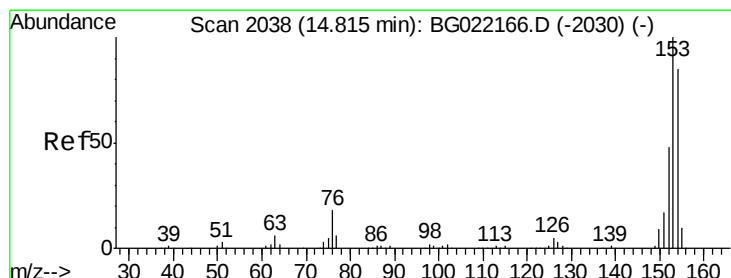
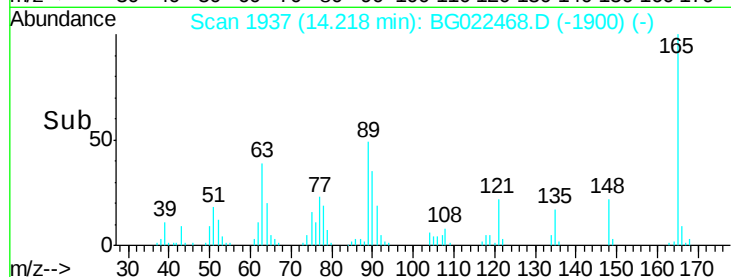
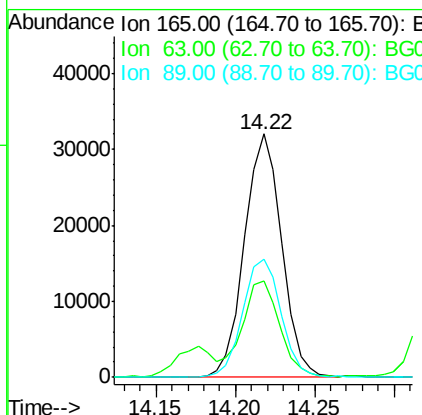
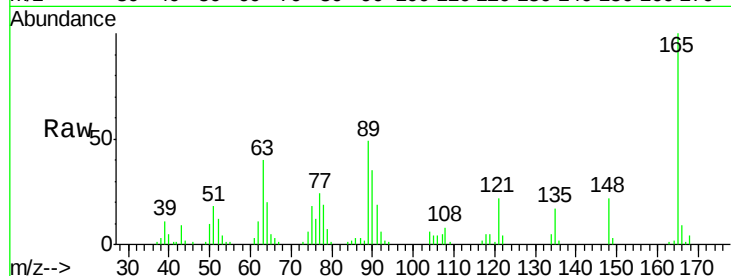




#50
2,6-Dinitrotoluene
Concen: 39.27 ng
RT: 14.22 min Scan# 1937
Delta R.T. -0.08 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

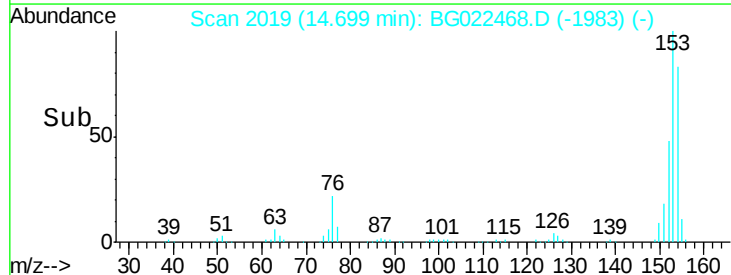
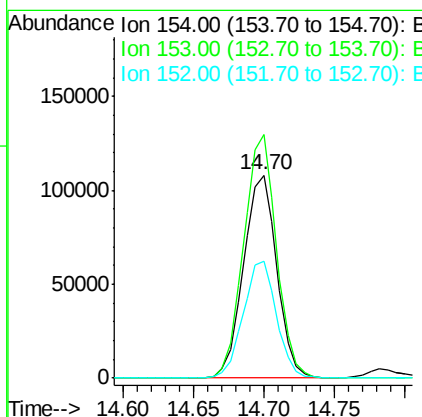
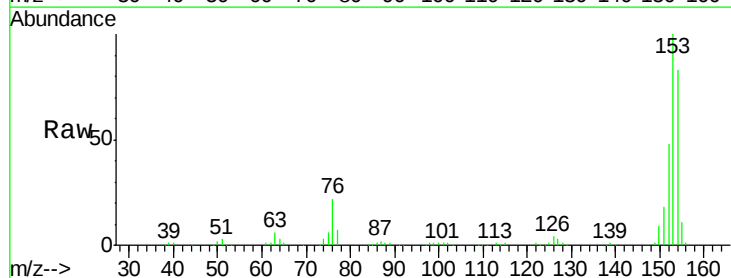
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

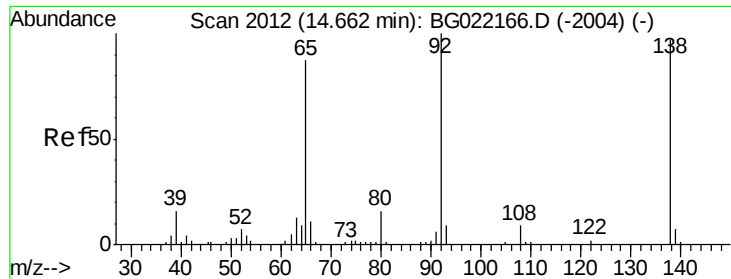
Tgt Ion:165 Resp: 52317
Ion Ratio Lower Upper
165 100
63 39.7 48.2 72.4#
89 48.7 45.3 67.9



#51
Acenaphthene
Concen: 39.79 ng
RT: 14.70 min Scan# 2019
Delta R.T. -0.09 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion:154 Resp: 178341
Ion Ratio Lower Upper
154 100
153 120.1 91.9 137.9
152 57.5 42.0 63.0

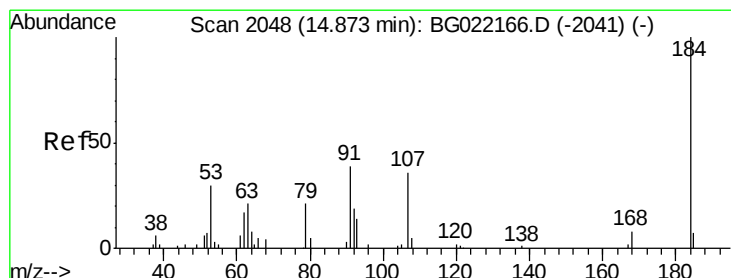
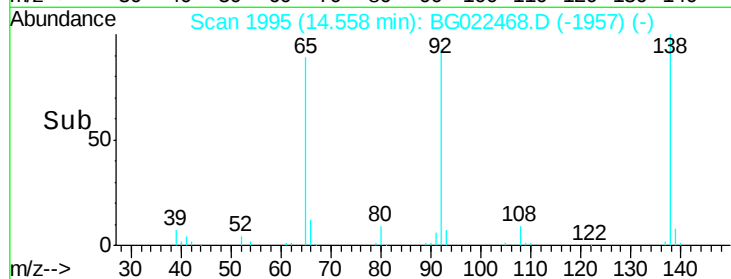
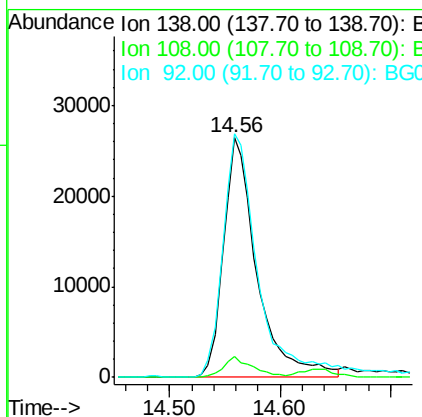
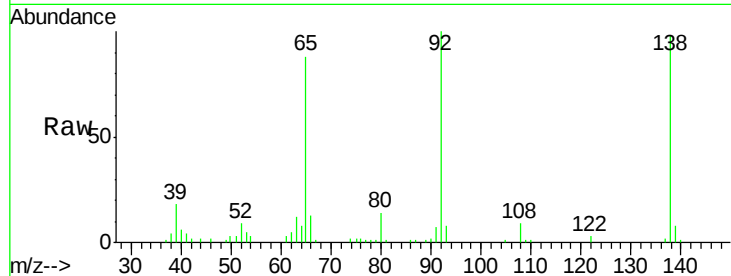




#52
3-Nitroaniline
Concen: 37.94 ng
RT: 14.56 min Scan# 1995
Delta R.T. -0.08 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

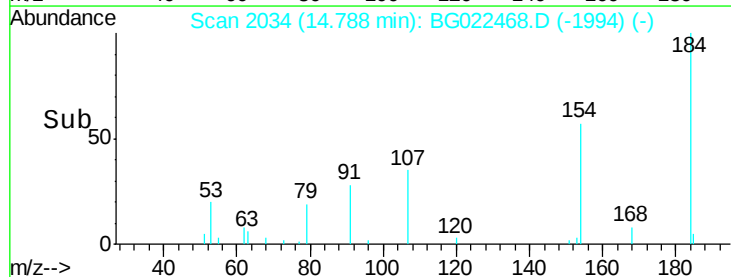
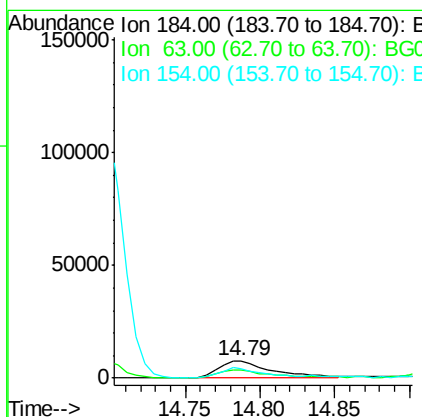
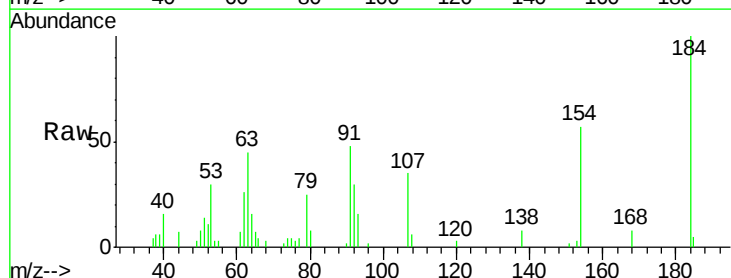
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

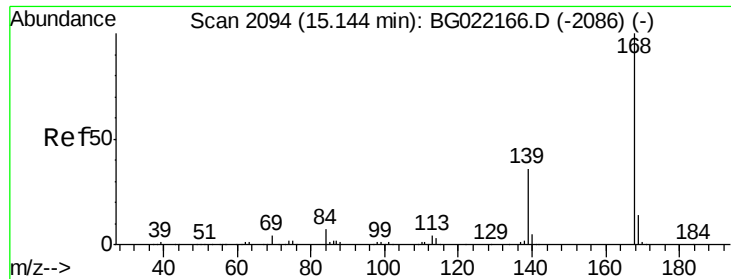
Tgt Ion:138 Resp: 56062
Ion Ratio Lower Upper
138 100
108 8.7 9.1 13.7#
92 101.8 102.6 154.0#



#53
2,4-Dinitrophenol
Concen: 41.24 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.07 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion:184 Resp: 19104
Ion Ratio Lower Upper
184 100
63 44.7 57.3 85.9#
154 56.7 55.2 82.8





#54

Dibenzenofuran

Concen: 39.63 ng

RT: 15.03 min Scan# 2076

Delta R.T. -0.09 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

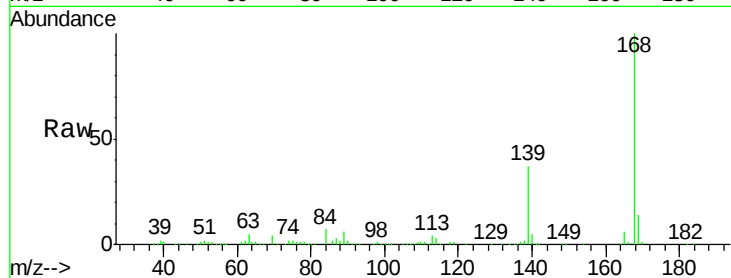
Tgt Ion:168 Resp: 277203

Ion Ratio Lower Upper

168 100

139 36.8 31.1 46.7

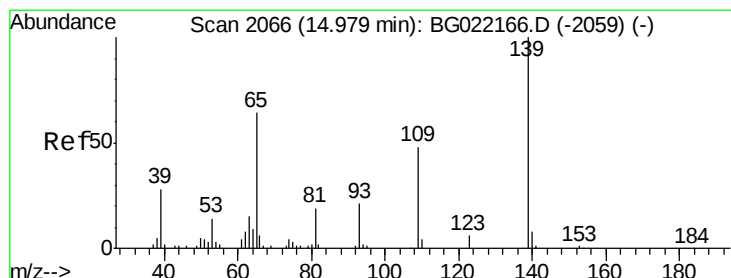
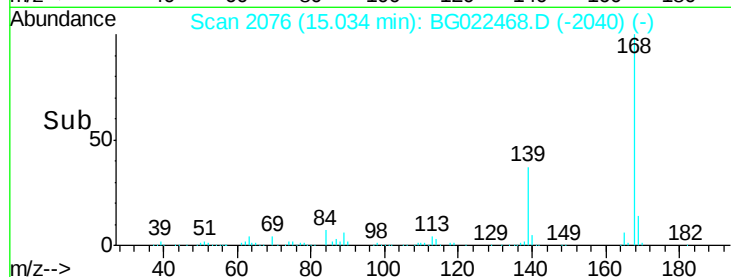
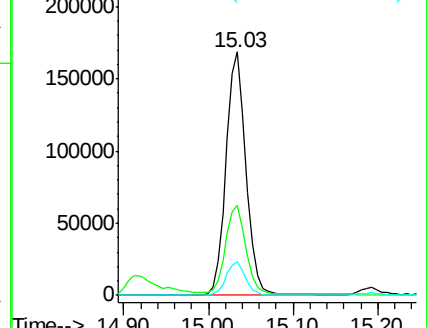
169 13.7 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 38.59 ng

RT: 14.92 min Scan# 2056

Delta R.T. -0.04 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

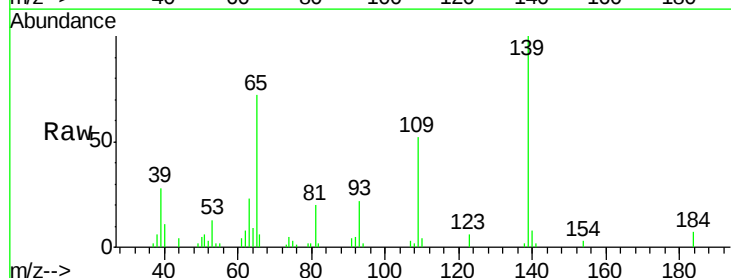
Tgt Ion:139 Resp: 39355

Ion Ratio Lower Upper

139 100

109 52.1 49.2 89.2

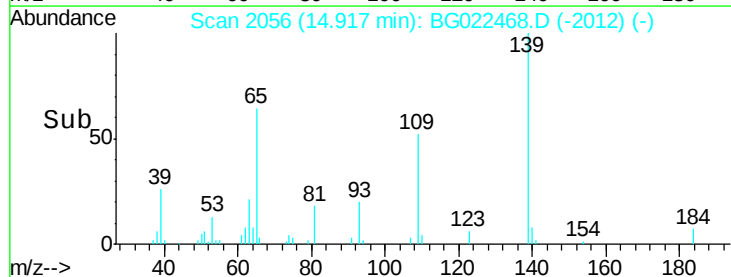
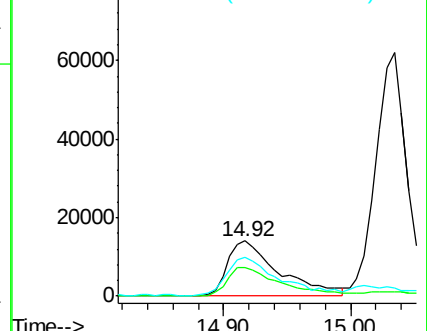
65 71.7 83.2 123.2#

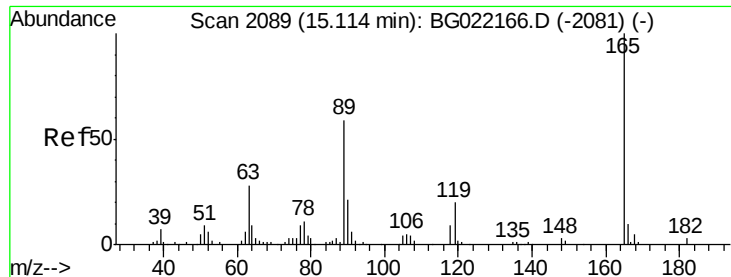


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

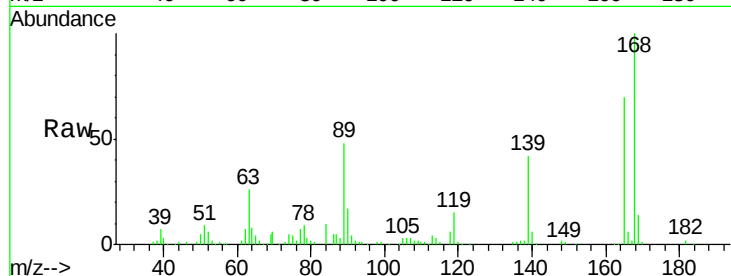




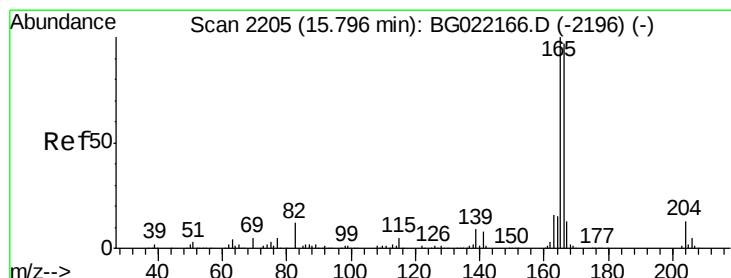
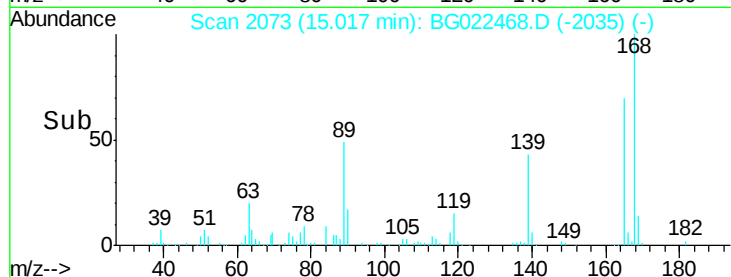
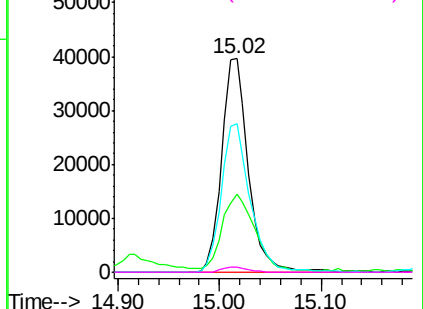
#56
2,4-Dinitrotoluene
Concen: 40.42 ng
RT: 15.02 min Scan# 2073
Delta R.T. -0.08 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 72237
Ion Ratio Lower Upper
165 100
63 36.8 37.4 56.0#
89 69.3 59.4 89.0
182 2.2 2.1 3.1

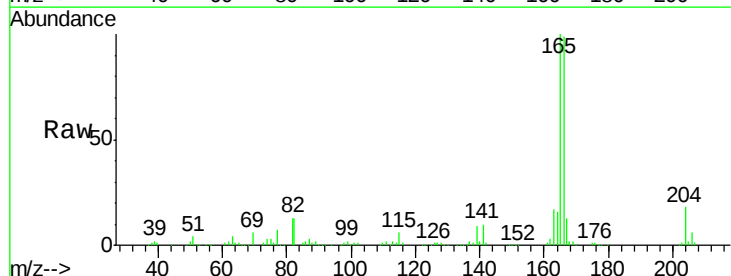


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

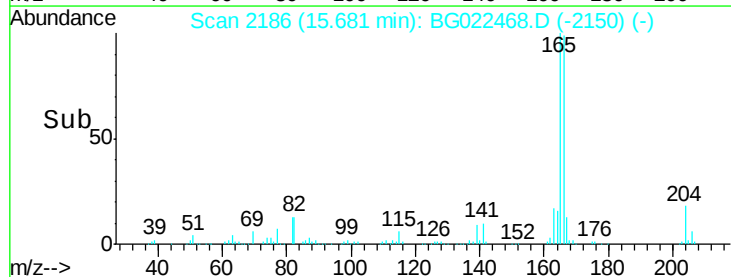
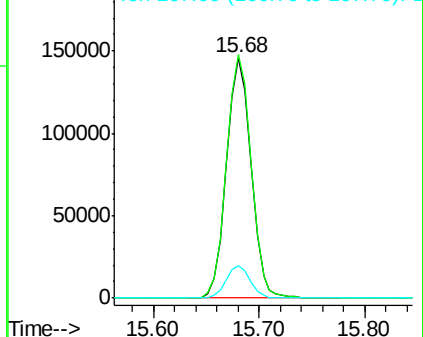


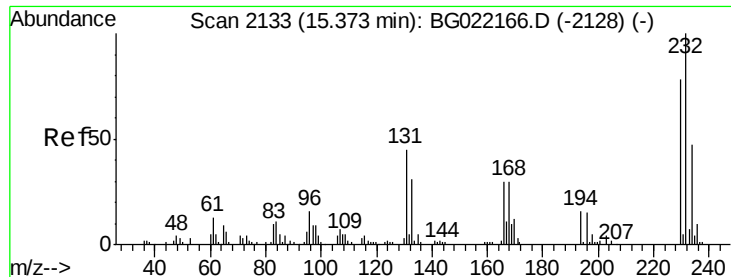
#57
Fluorene
Concen: 38.96 ng
RT: 15.68 min Scan# 2186
Delta R.T. -0.09 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion:166 Resp: 234755
Ion Ratio Lower Upper
166 100
165 101.4 79.0 118.4
167 13.6 10.7 16.1



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

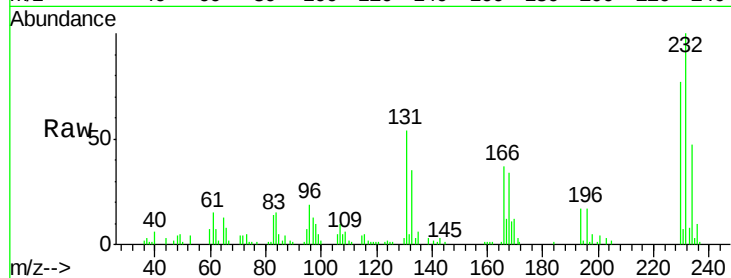




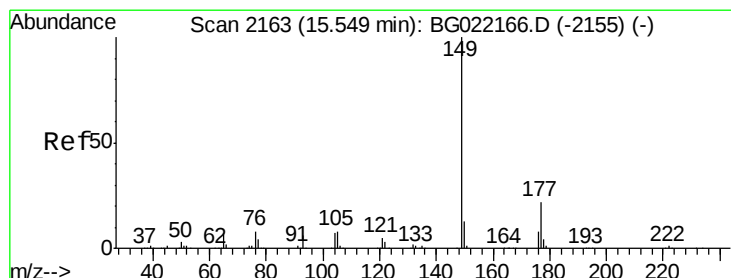
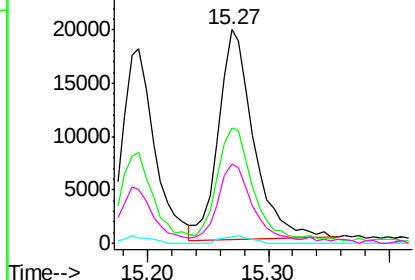
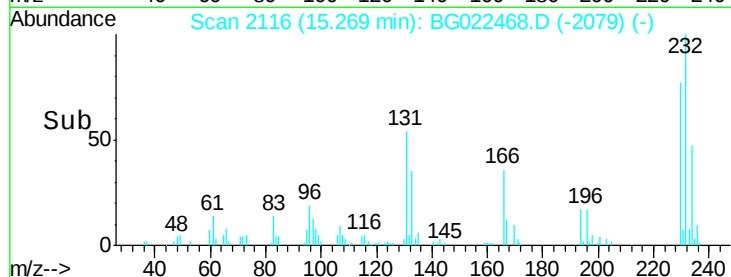
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.08 ng
 RT: 15.27 min Scan# 2116
 Delta R.T. -0.08 min
 Lab File: BG022468.D
 Acq: 21 Jun 2016 15:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 232 Resp: 39312
 Ion Ratio Lower Upper
 232 100
 131 56.6 36.3 54.5#
 130 2.9 1.9 2.9
 166 35.1 25.0 37.4

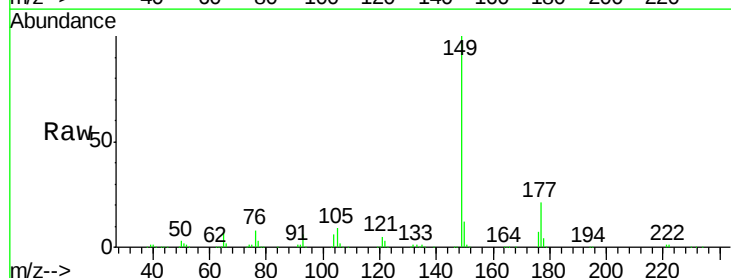


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

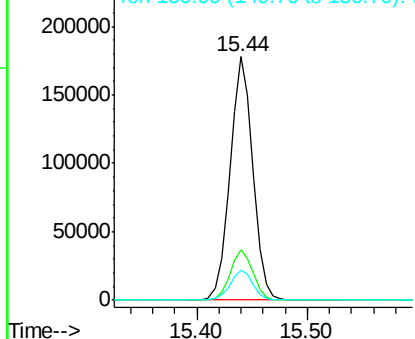
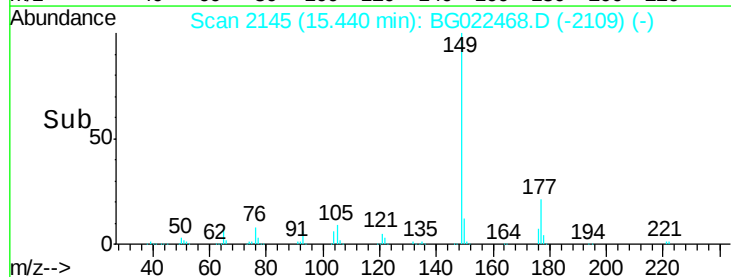


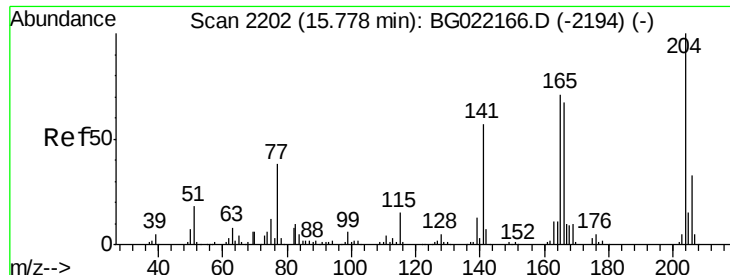
#59
 Diethylphthalate
 Concen: 39.19 ng
 RT: 15.44 min Scan# 2145
 Delta R.T. -0.09 min
 Lab File: BG022468.D
 Acq: 21 Jun 2016 15:52

Tgt Ion: 149 Resp: 256521
 Ion Ratio Lower Upper
 149 100
 177 20.9 17.3 25.9
 150 12.1 9.7 14.5



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

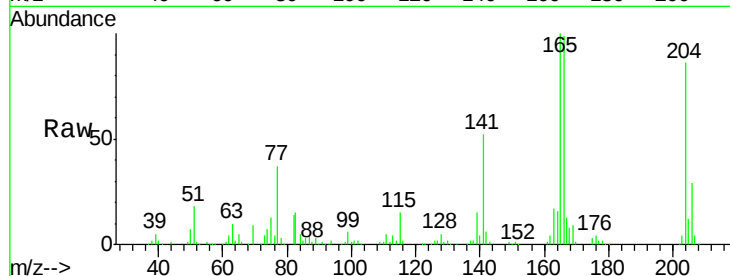




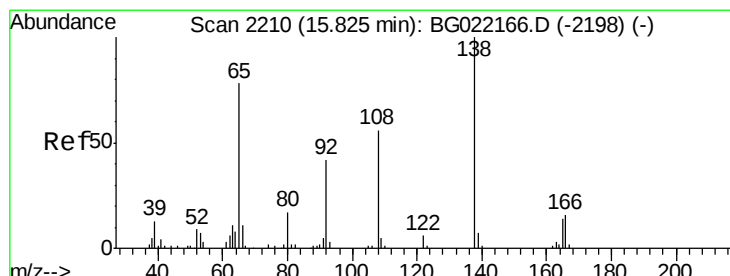
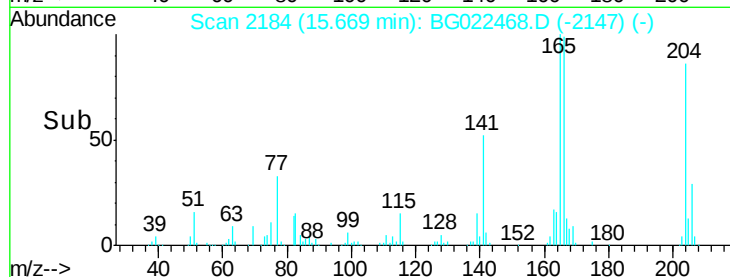
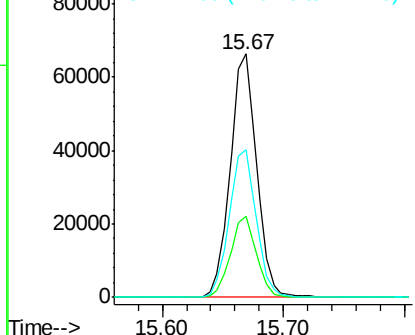
#60
4-Chlorophenyl-phenylether
Concen: 37.04 ng
RT: 15.67 min Scan# 2184
Delta R.T. -0.08 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 101072
Ion Ratio Lower Upper
204 100
206 33.3 27.8 41.8
141 60.9 51.0 76.4

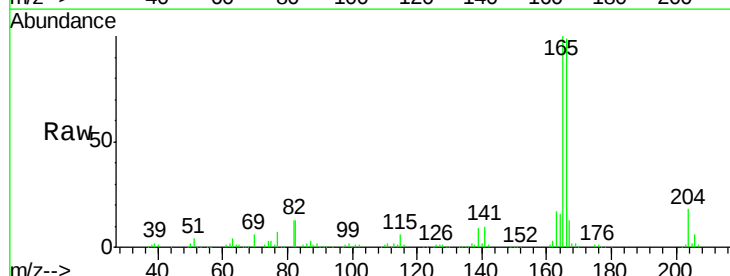


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

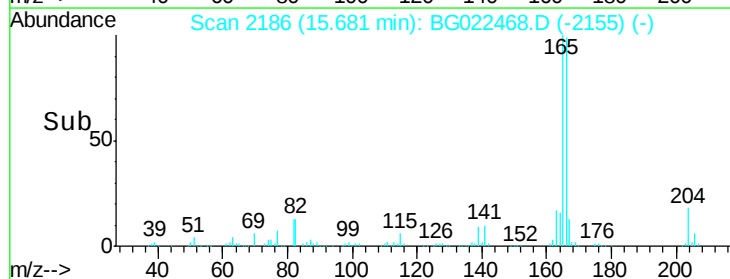
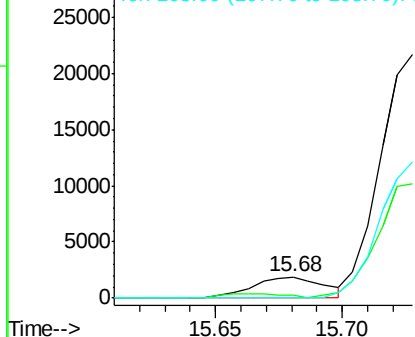


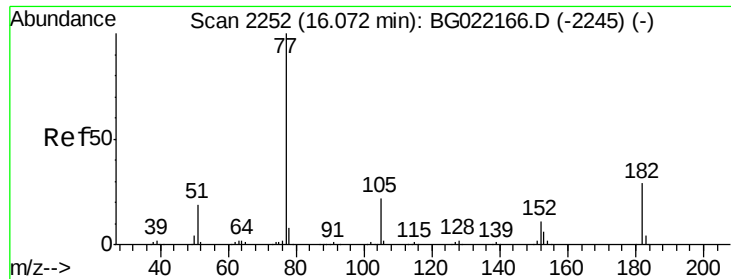
#61
4-Nitroaniline
Concen: 2.36 ng
RT: 15.68 min Scan# 2186
Delta R.T. -0.12 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion:138 Resp: 3695
Ion Ratio Lower Upper
138 100
92 11.1 37.7 77.7#
108 0.0 59.4 99.4#



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

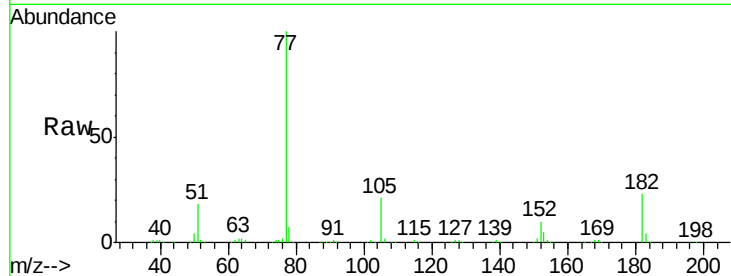




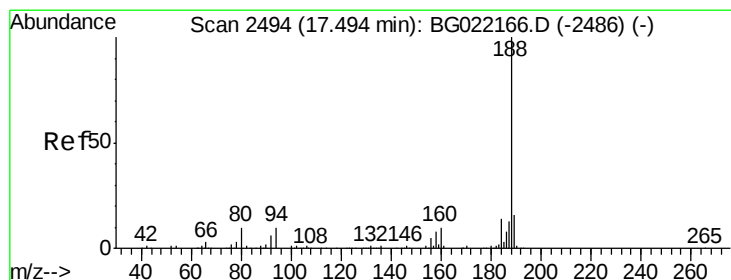
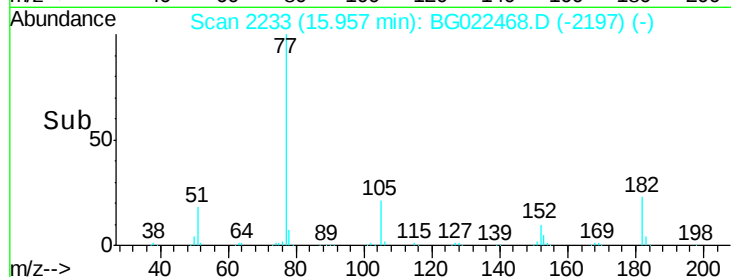
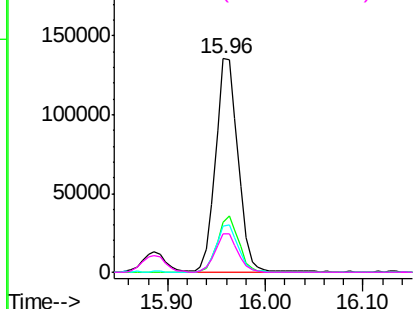
#62
Azobenzene
Concen: 43.48 ng
RT: 15.96 min Scan# 2233
Delta R.T. -0.09 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.4	4.1	44.1
105	21.5	0.0	39.8
51	18.1	11.1	51.1

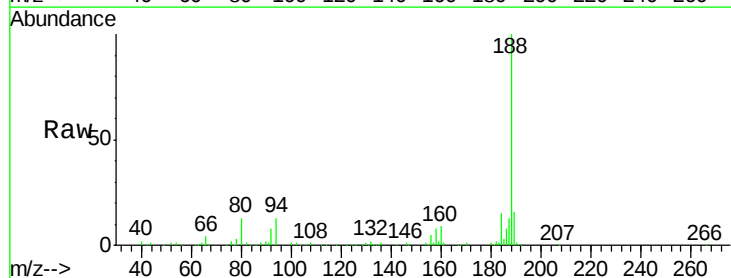


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

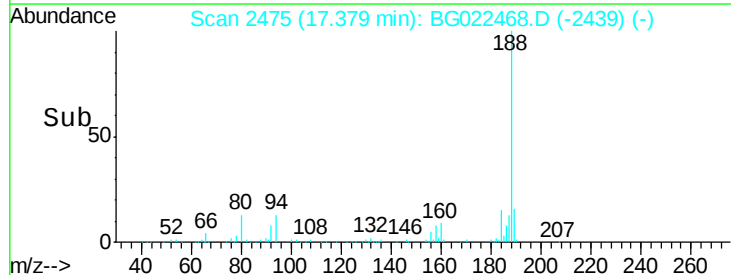
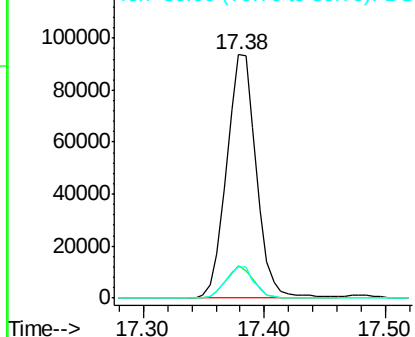


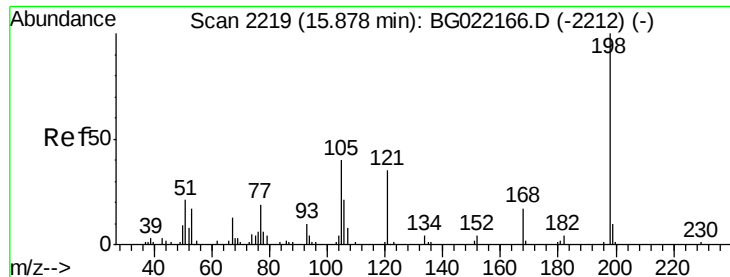
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.09 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.4	7.5	11.3#
80	12.6	8.6	13.0



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

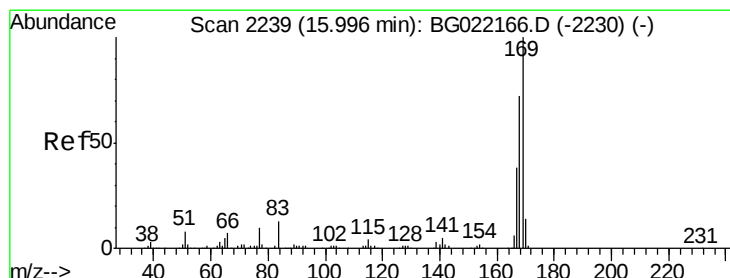
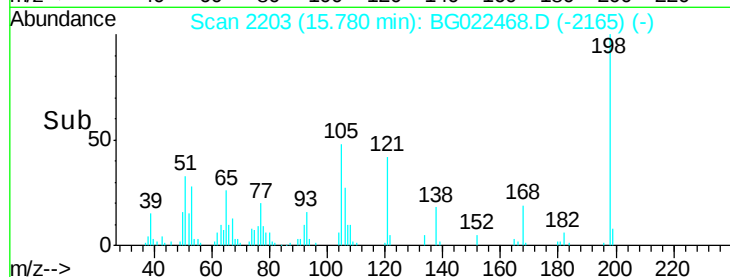
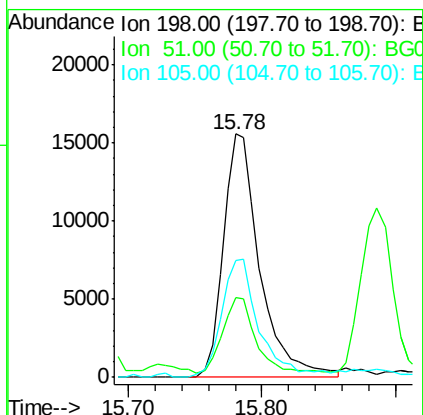
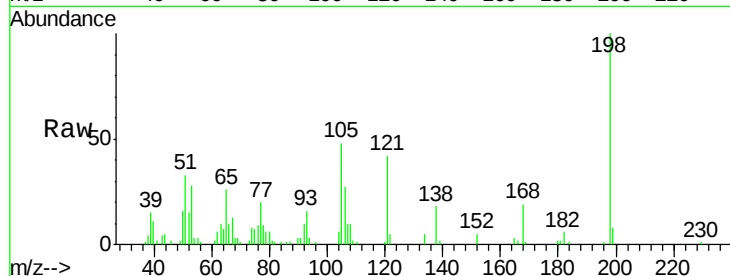




#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.81 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. -0.08 min
 Lab File: BG022468.D
 Acq: 21 Jun 2016 15:52

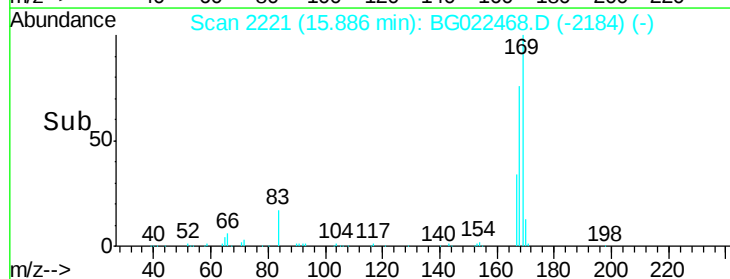
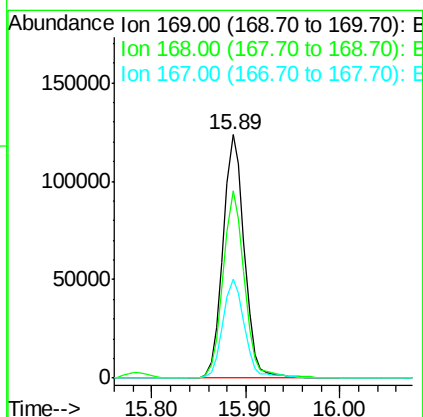
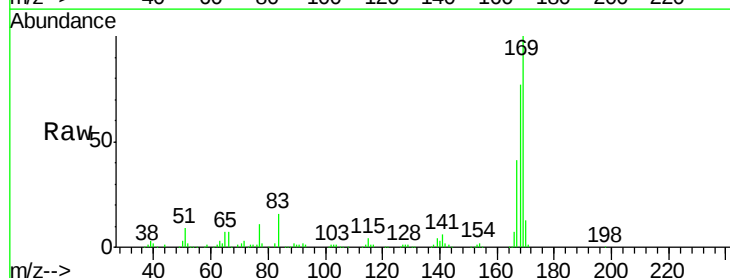
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

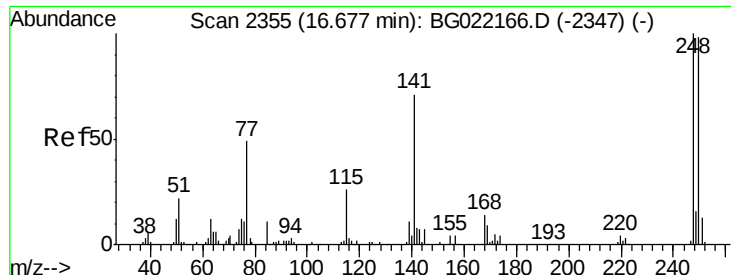
Tgt Ion:198 Resp: 29704
 Ion Ratio Lower Upper
 198 100
 51 32.6 29.2 69.2
 105 47.9 24.0 64.0



#65
 n-Nitrosodiphenylamine
 Concen: 42.56 ng
 RT: 15.89 min Scan# 2221
 Delta R.T. -0.08 min
 Lab File: BG022468.D
 Acq: 21 Jun 2016 15:52

Tgt Ion:169 Resp: 196785
 Ion Ratio Lower Upper
 169 100
 168 76.9 59.6 89.4
 167 40.7 31.2 46.8

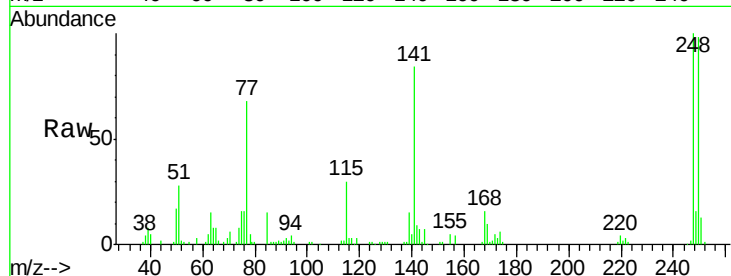




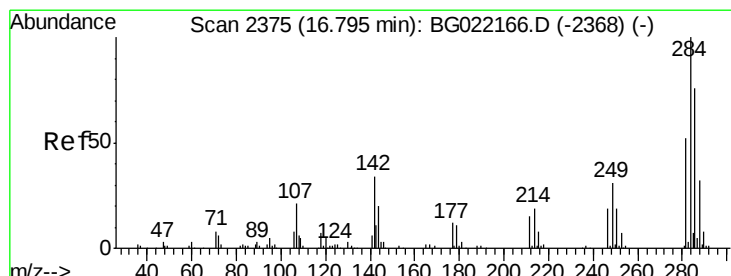
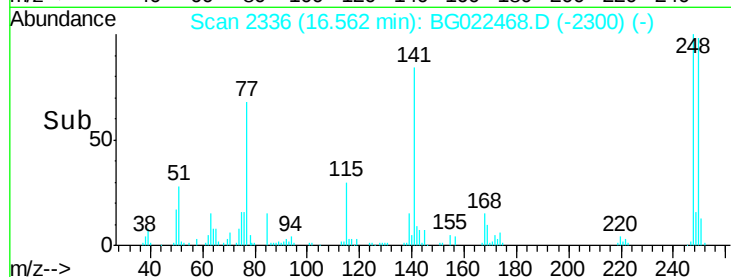
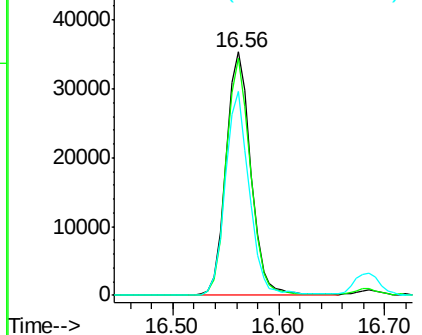
#66
 4-Bromophenyl-phenylether
 Concen: 38.32 ng
 RT: 16.56 min Scan# 2336
 Delta R.T. -0.09 min
 Lab File: BG022468.D
 Acq: 21 Jun 2016 15:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:248 Resp: 57629
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.6 114.8
 141 83.6 63.8 95.6

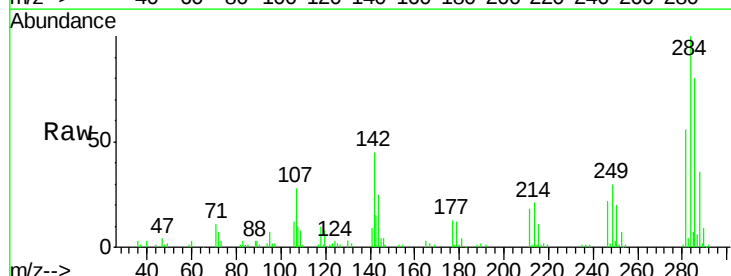


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

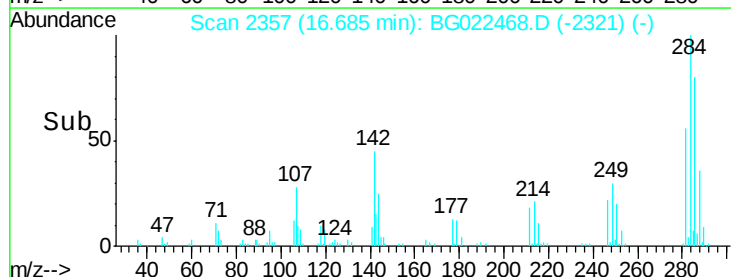
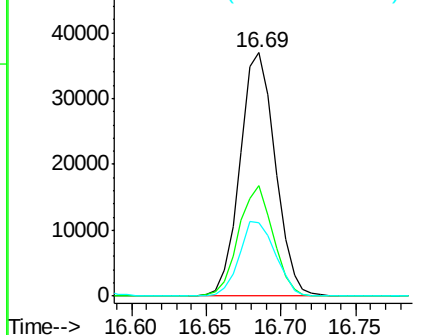


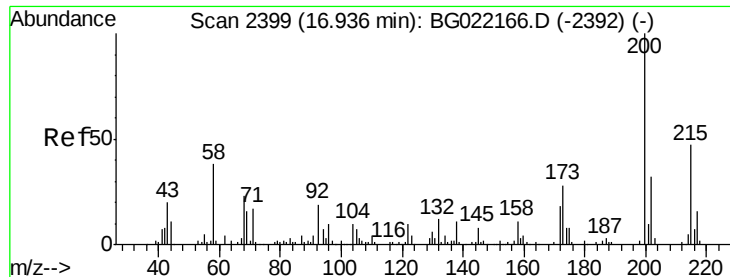
#67
 Hexachlorobenzene
 Concen: 34.49 ng
 RT: 16.69 min Scan# 2357
 Delta R.T. -0.09 min
 Lab File: BG022468.D
 Acq: 21 Jun 2016 15:52

Tgt Ion:284 Resp: 60455
 Ion Ratio Lower Upper
 284 100
 142 45.5 31.8 47.6
 249 32.7 27.3 40.9



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





#68

Atrazine

Concen: 36.86 ng

RT: 16.83 min Scan# 2382

Delta R.T. -0.08 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

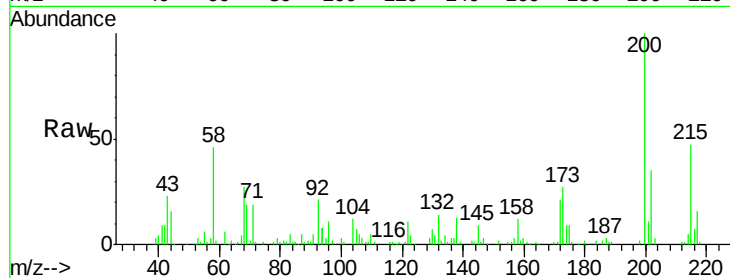
Tgt Ion:200 Resp: 63092

Ion Ratio Lower Upper

200 100

173 27.5 5.1 45.1

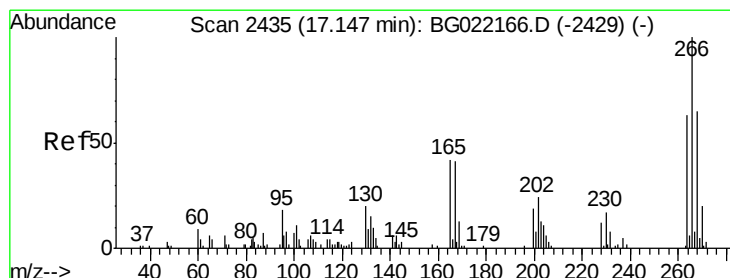
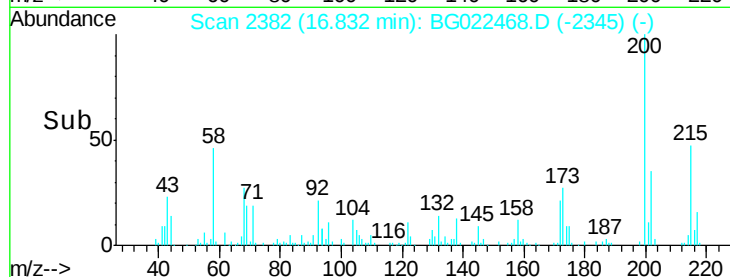
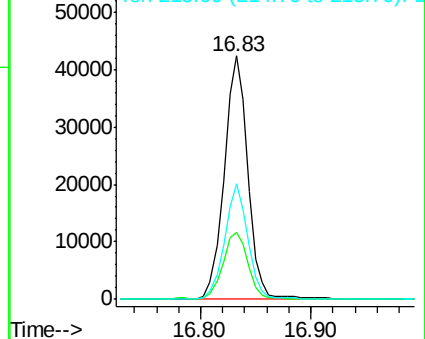
215 47.3 28.0 68.0



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



#69

Pentachlorophenol

Concen: 37.22 ng

RT: 17.04 min Scan# 2418

Delta R.T. -0.08 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

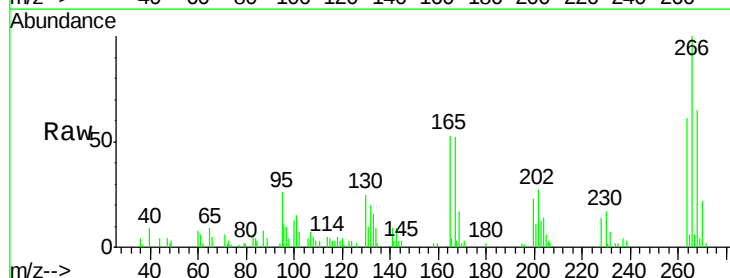
Tgt Ion:266 Resp: 26434

Ion Ratio Lower Upper

266 100

268 68.8 54.5 81.7

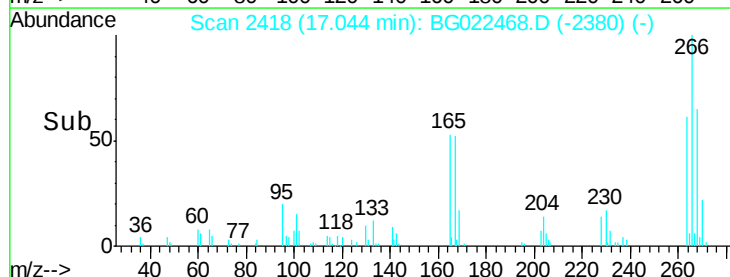
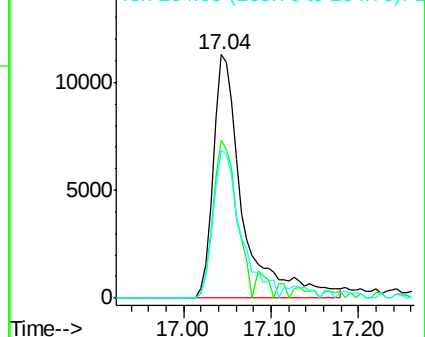
264 67.0 53.8 80.6

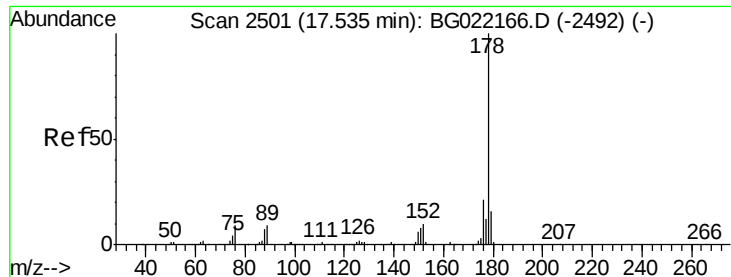


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 40.63 ng

RT: 17.43 min Scan# 2483

Delta R.T. -0.08 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

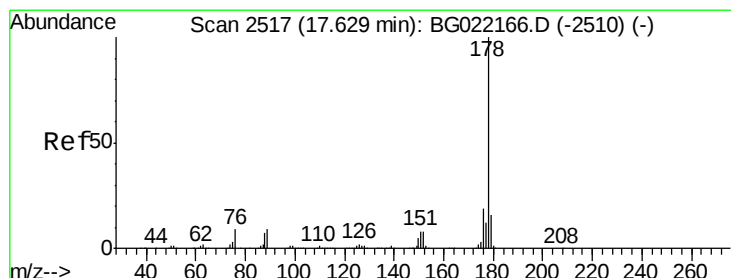
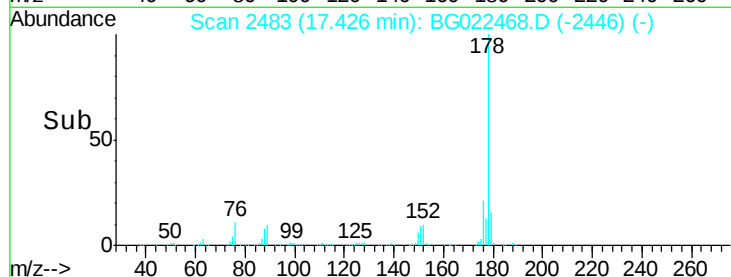
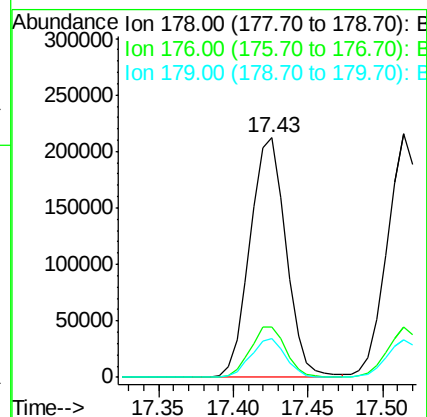
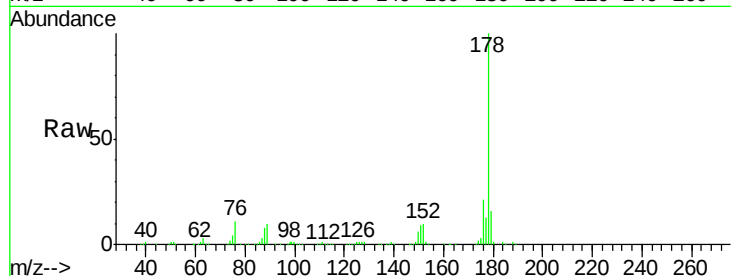
Tgt Ion:178 Resp: 354237

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.4

179 16.1 12.0 18.0



#71

Anthracene

Concen: 41.61 ng

RT: 17.51 min Scan# 2498

Delta R.T. -0.09 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

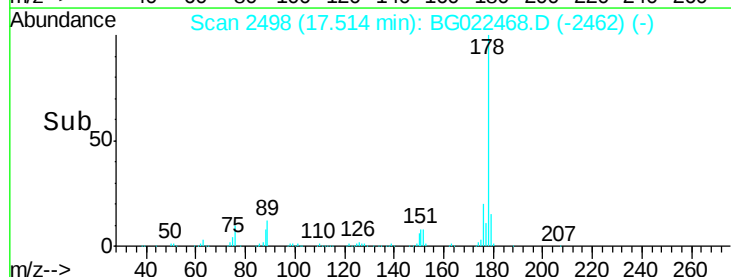
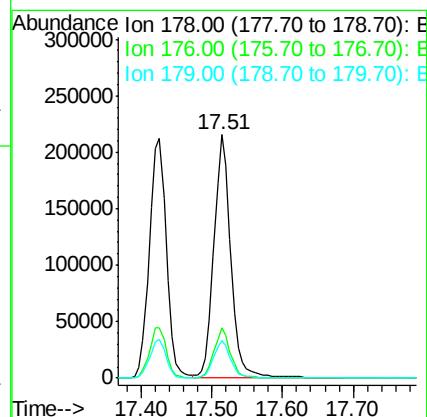
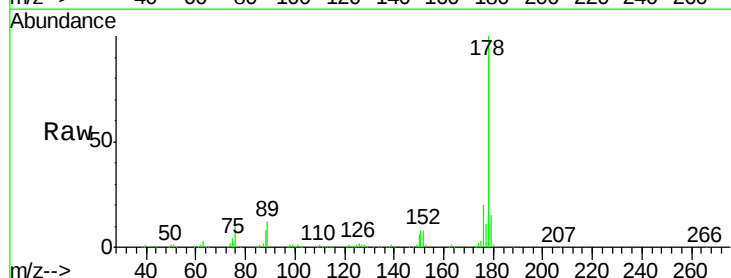
Tgt Ion:178 Resp: 359751

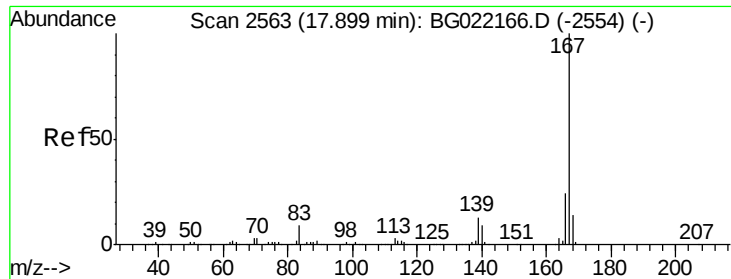
Ion Ratio Lower Upper

178 100

176 20.5 15.0 22.4

179 15.2 12.2 18.4

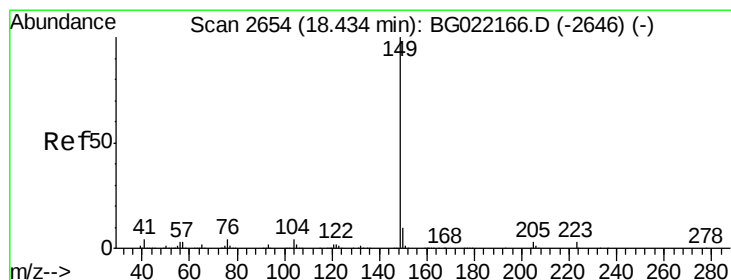
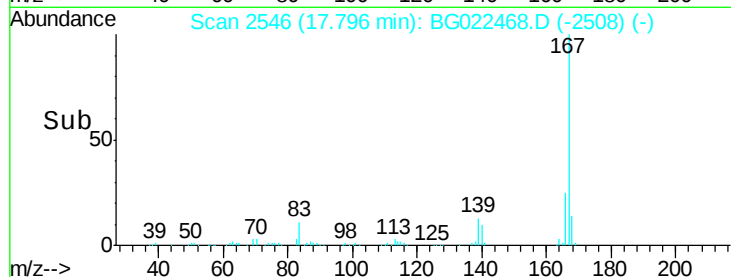
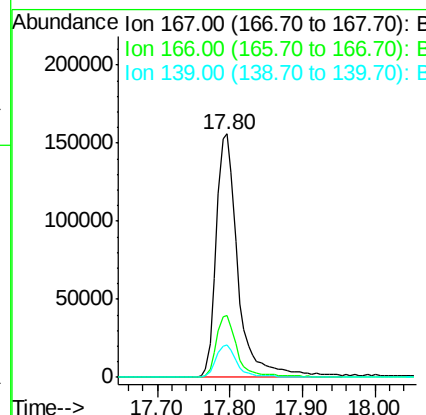
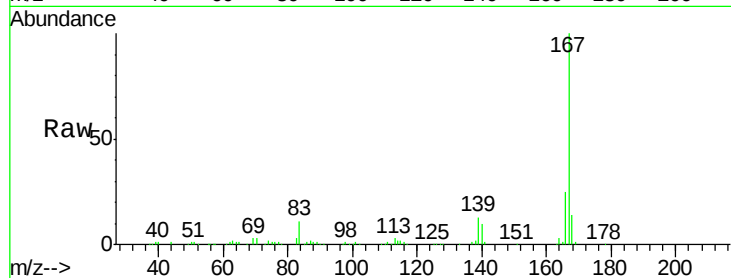




#72
 Carbazole
 Concen: 40.17 ng
 RT: 17.80 min Scan# 2546
 Delta R.T. -0.08 min
 Lab File: BG022468.D
 Acq: 21 Jun 2016 15:52

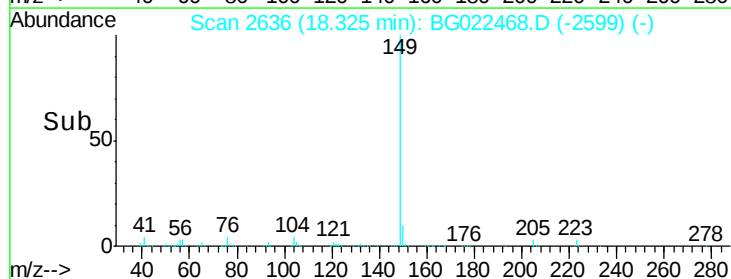
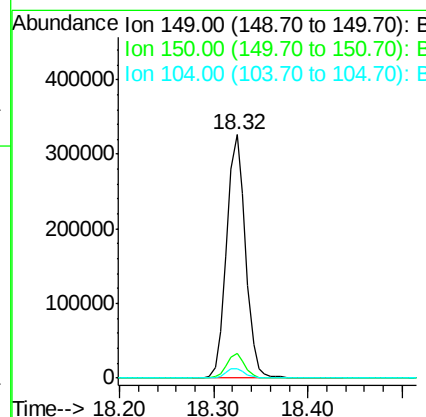
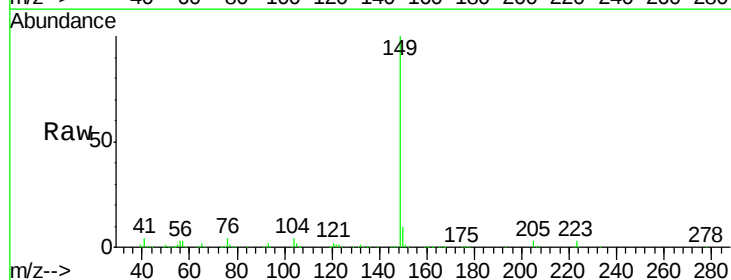
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

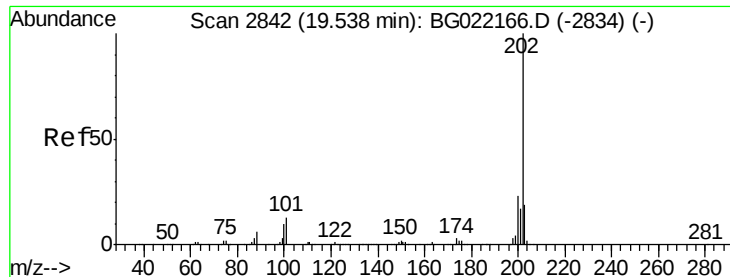
Tgt Ion:167 Resp: 328916
 Ion Ratio Lower Upper
 167 100
 166 25.2 18.6 27.8
 139 13.4 10.6 15.8



#73
 Di-n-butylphthalate
 Concen: 42.68 ng
 RT: 18.32 min Scan# 2636
 Delta R.T. -0.08 min
 Lab File: BG022468.D
 Acq: 21 Jun 2016 15:52

Tgt Ion:149 Resp: 456884
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.4 11.0
 104 4.0 4.0 6.0





#74

Fluoranthene

Concen: 38.84 ng

RT: 19.43 min Scan# 2824

Delta R.T. -0.08 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

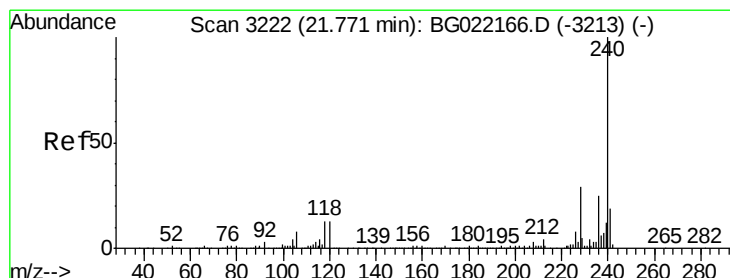
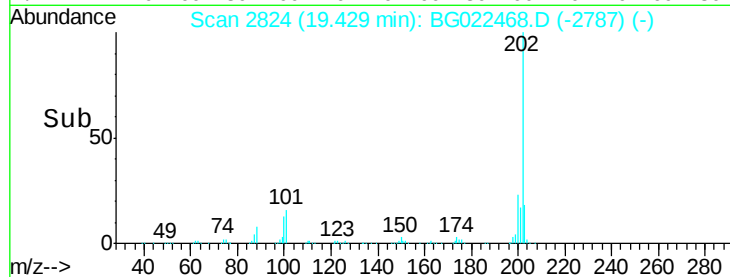
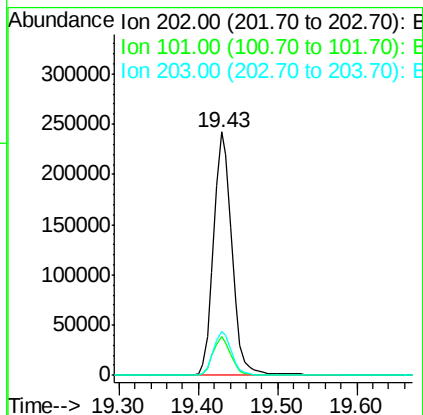
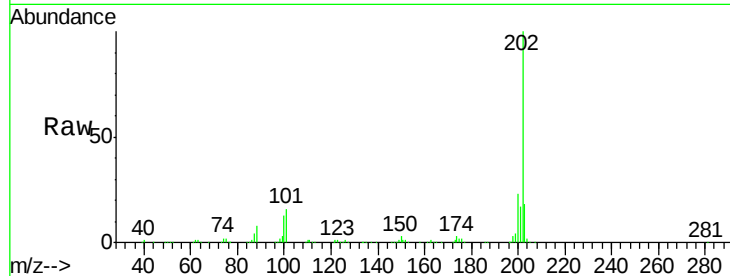
Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:	202	Resp:	389218
Ion Ratio	Lower	Upper	
202	100		
101	16.0	0.0	31.0
203	18.1	0.0	37.9



#75

Chrysene-d12

Concen: 20.00 ng

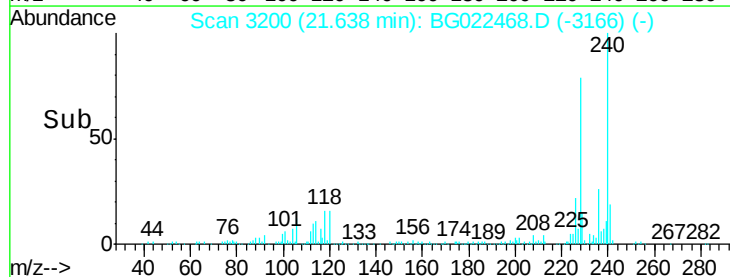
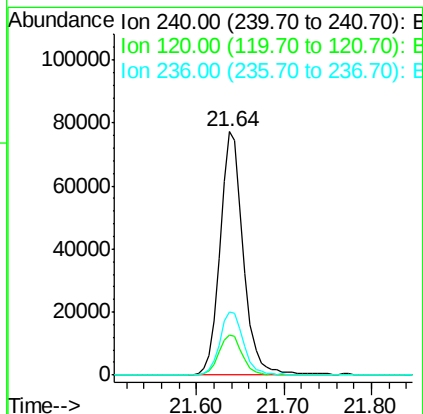
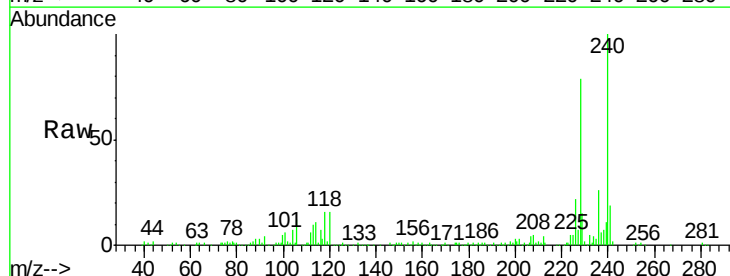
RT: 21.64 min Scan# 3200

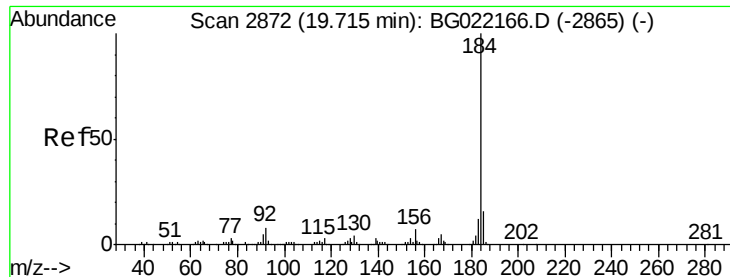
Delta R.T. -0.10 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Tgt Ion:	240	Resp:	141663
Ion Ratio	Lower	Upper	
240	100		
120	16.4	8.4	12.6#
236	26.1	19.6	29.4

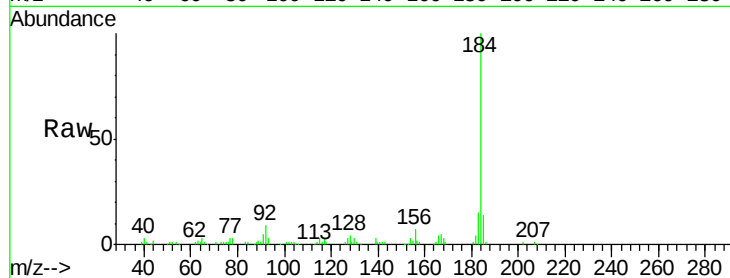




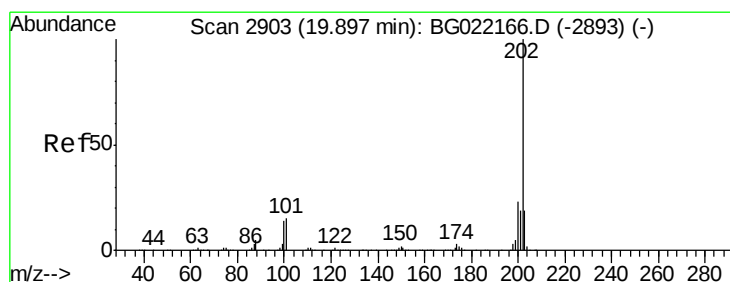
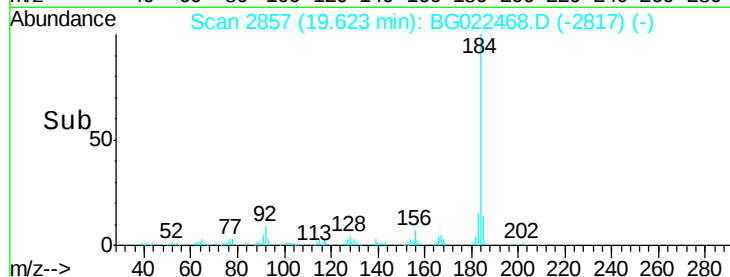
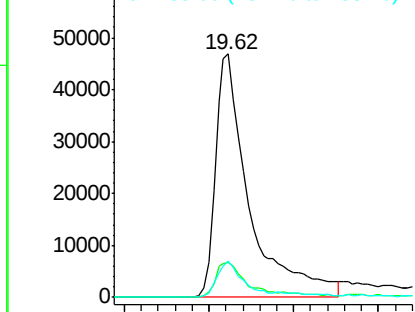
#76
Benzidine
Concen: 35.43 ng
RT: 19.62 min Scan# 2857
Delta R.T. -0.07 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 131263
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 15.1 10.2 15.4

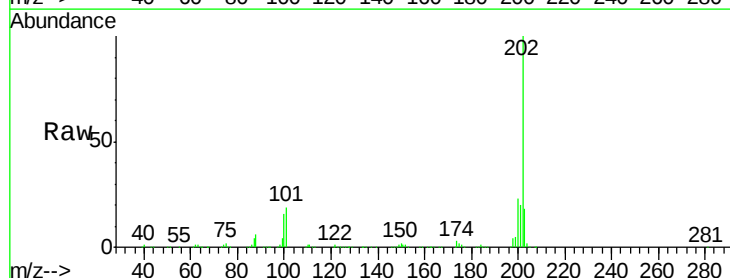


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

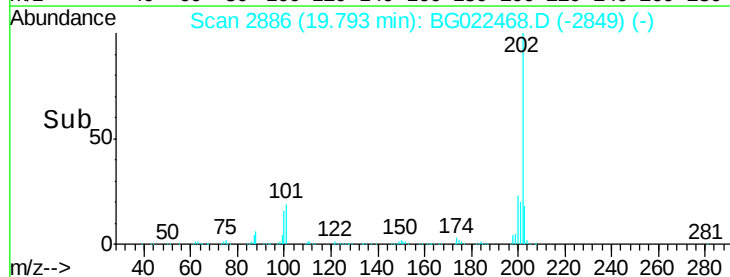
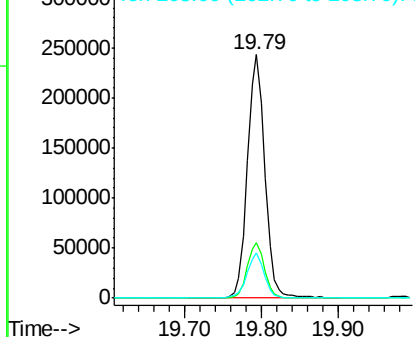


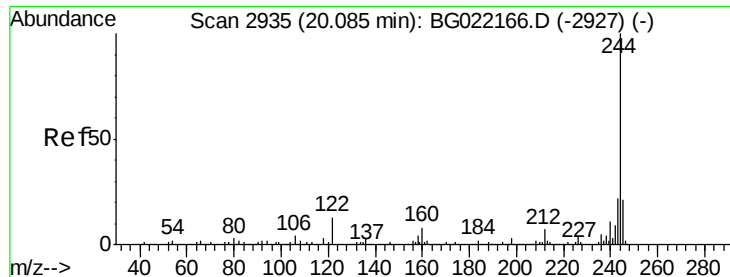
#77
Pyrene
Concen: 43.92 ng
RT: 19.79 min Scan# 2886
Delta R.T. -0.08 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion:202 Resp: 386801
Ion Ratio Lower Upper
202 100
200 22.7 18.2 27.2
203 18.4 15.0 22.4



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





#78

Terphenyl-d14

Concen: 84.08 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.08 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

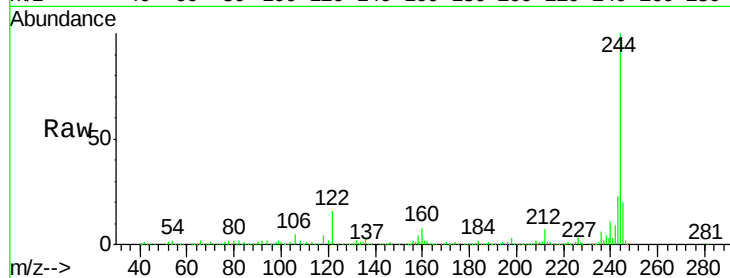
Tgt Ion:244 Resp: 501695

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

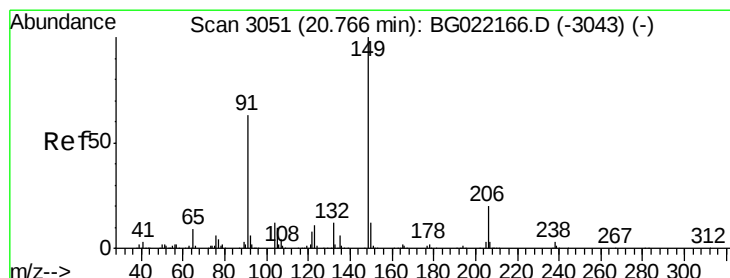
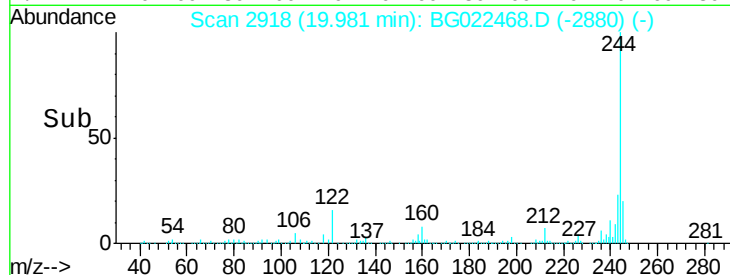
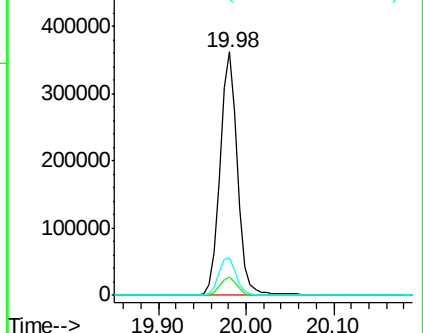
122 15.6 8.6 12.8#



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



#79

Butylbenzylphthalate

Concen: 50.44 ng

RT: 20.66 min Scan# 3034

Delta R.T. -0.08 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

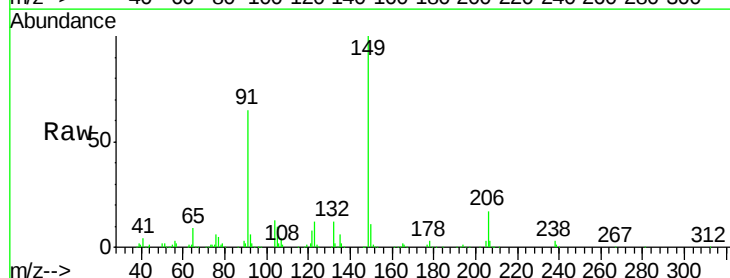
Tgt Ion:149 Resp: 206019

Ion Ratio Lower Upper

149 100

91 64.9 57.8 86.8

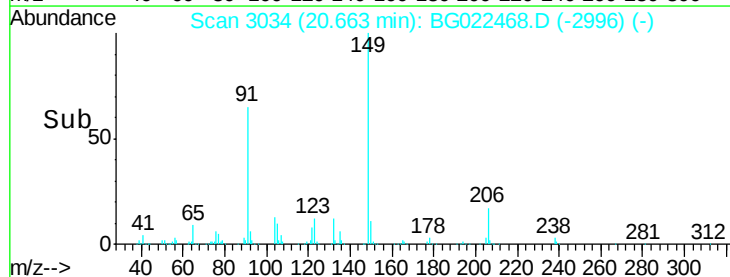
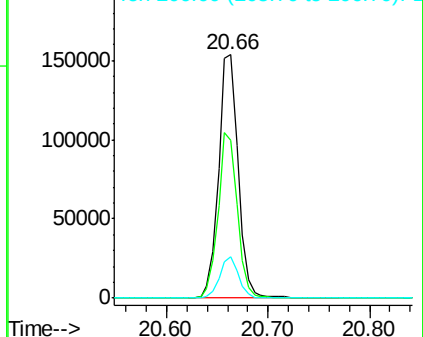
206 16.9 17.0 25.4#

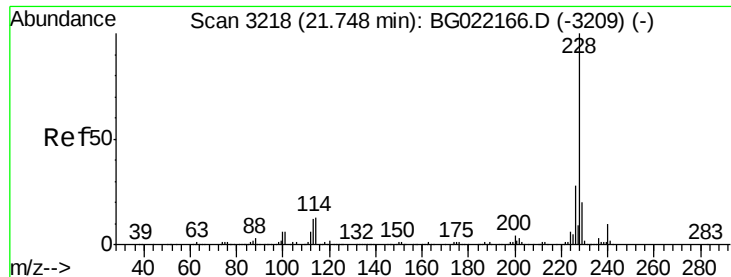


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 41.40 ng

RT: 21.62 min Scan# 3197

Delta R.T. -0.10 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

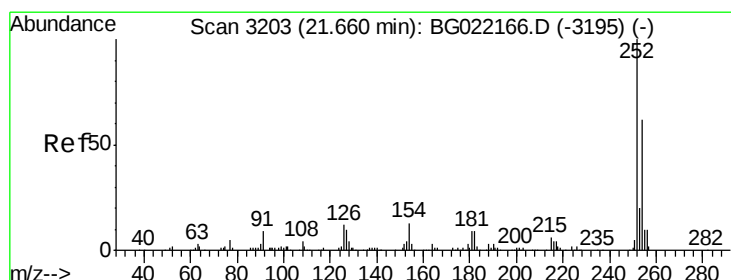
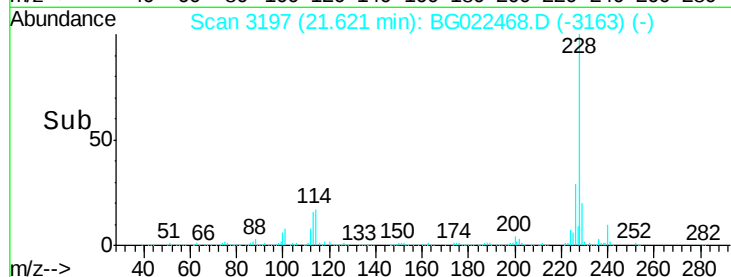
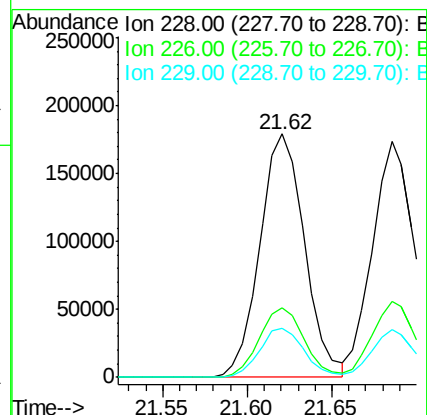
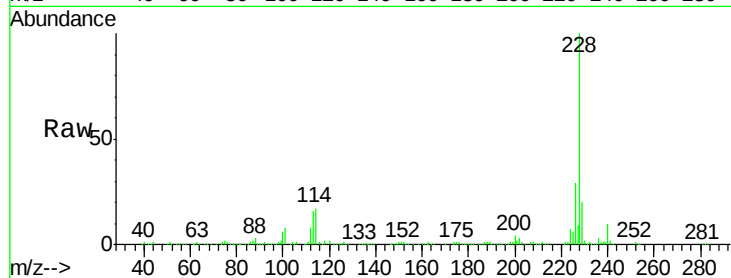
Tgt Ion:228 Resp: 328835

Ion Ratio Lower Upper

228 100

226 28.6 22.6 34.0

229 20.3 16.1 24.1



#81

3,3'-Dichlorobenzidine

Concen: 38.14 ng

RT: 21.54 min Scan# 3183

Delta R.T. -0.09 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

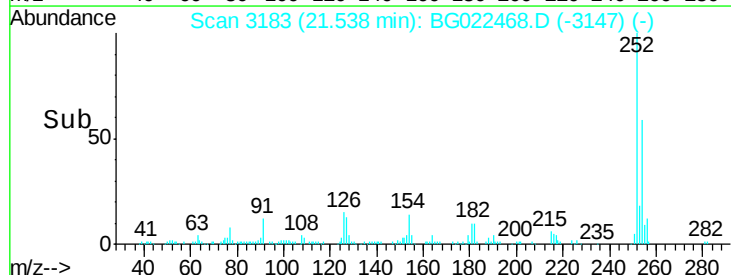
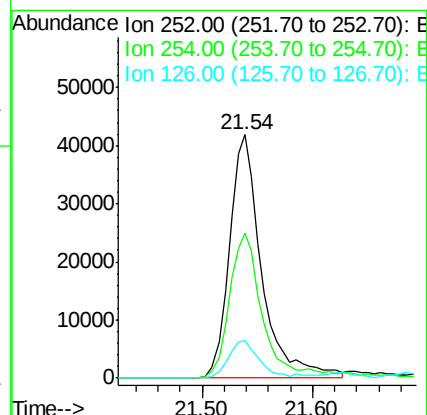
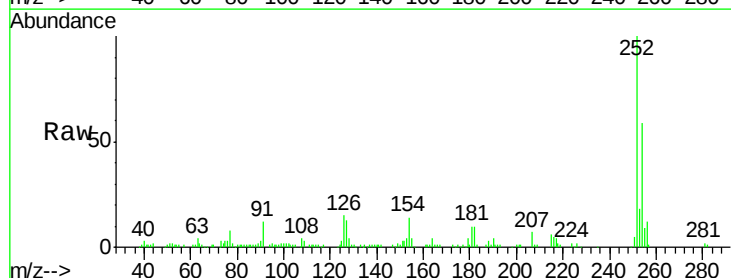
Tgt Ion:252 Resp: 85061

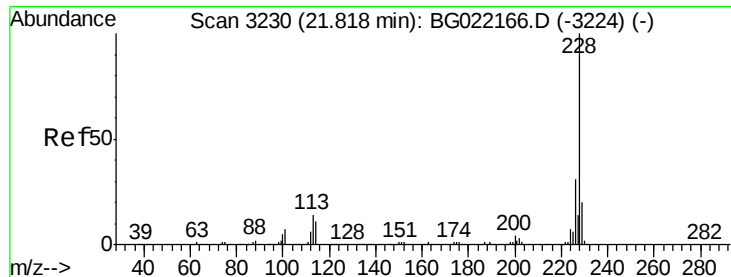
Ion Ratio Lower Upper

252 100

254 59.4 51.8 77.6

126 15.2 8.8 13.2#





#82

Chrysene

Concen: 40.08 ng

RT: 21.69 min Scan# 3208

Delta R.T. -0.10 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

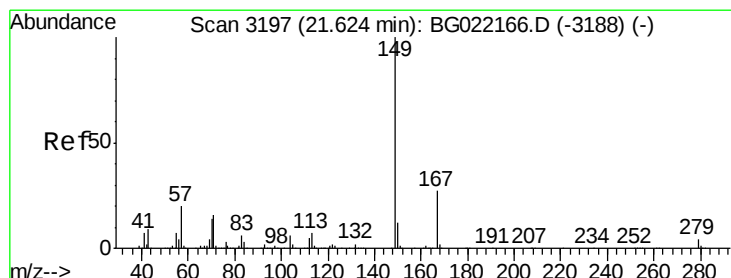
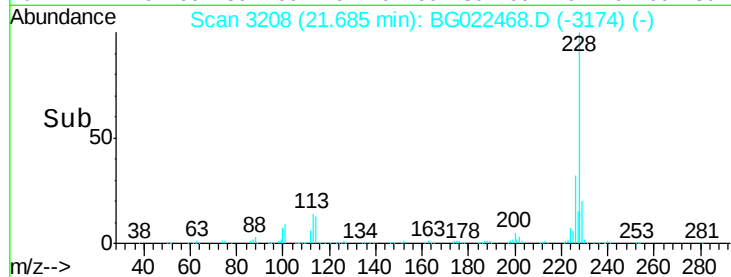
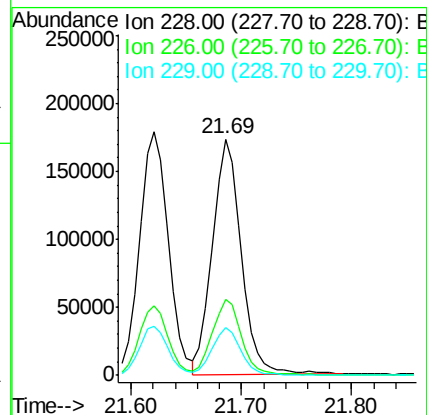
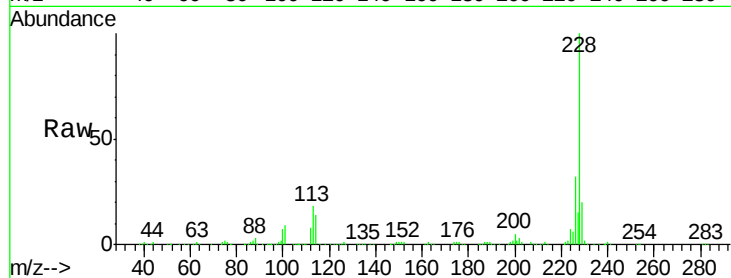
Tgt Ion:228 Resp: 309848

Ion Ratio Lower Upper

228 100

226 32.1 25.4 38.0

229 20.0 15.9 23.9



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.77 ng

RT: 21.50 min Scan# 3176

Delta R.T. -0.10 min

Lab File: BG022468.D

Acq: 21 Jun 2016 15:52

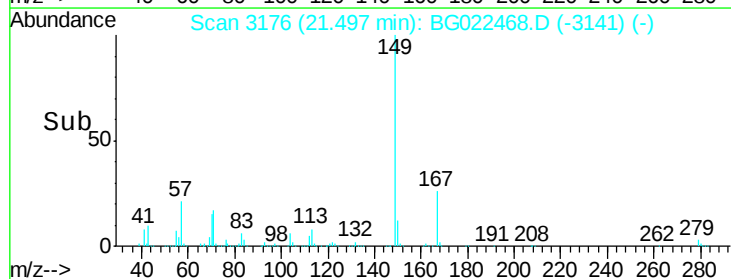
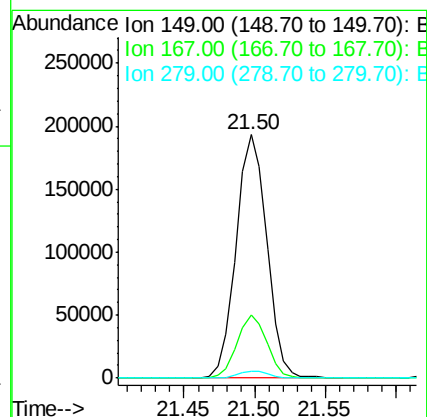
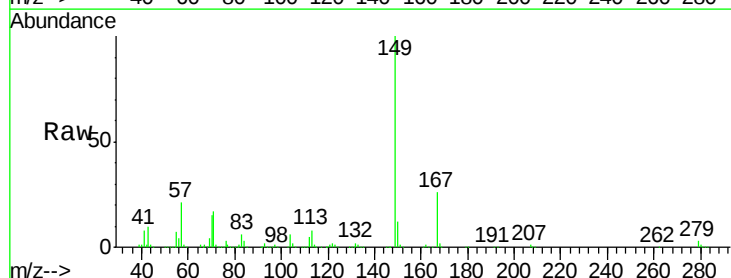
Tgt Ion:149 Resp: 292910

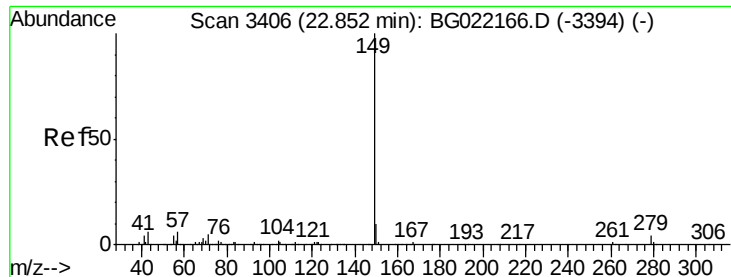
Ion Ratio Lower Upper

149 100

167 25.9 22.4 33.6

279 3.0 3.2 4.8#

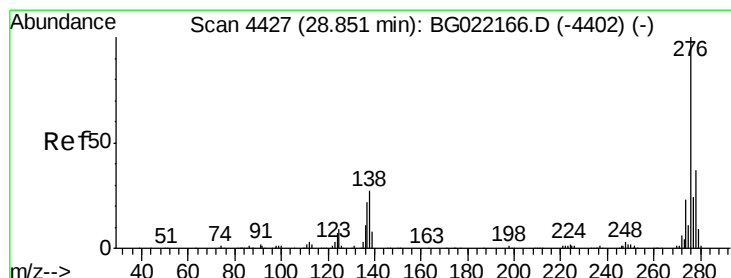
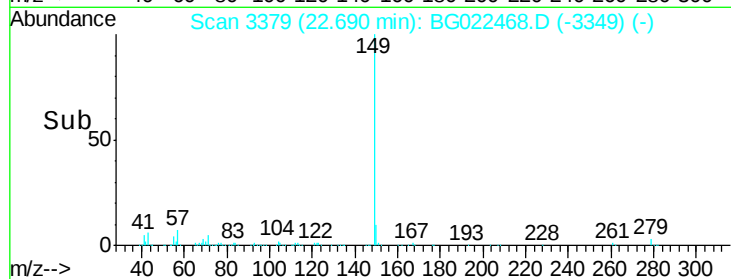
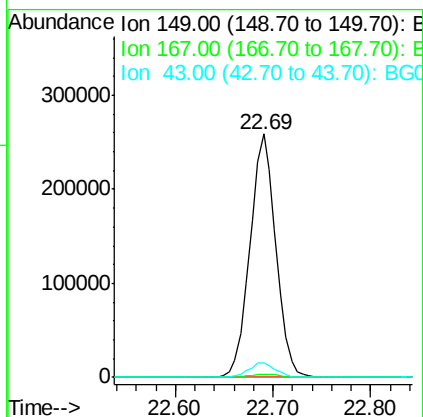
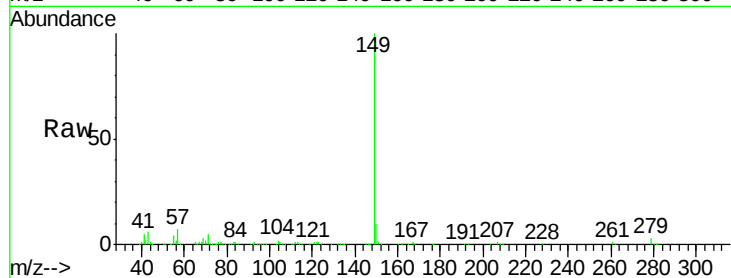




#84
Di-n-octyl phthalate
Concen: 48.33 ng
RT: 22.69 min Scan# 3379
Delta R.T. -0.12 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

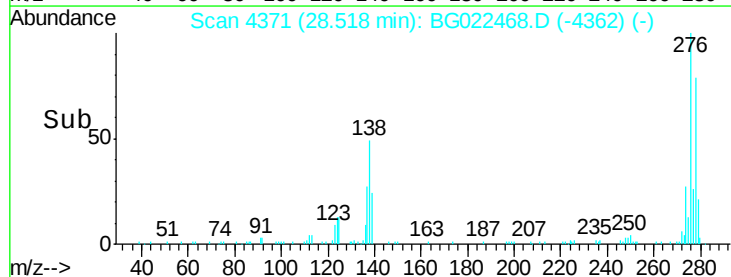
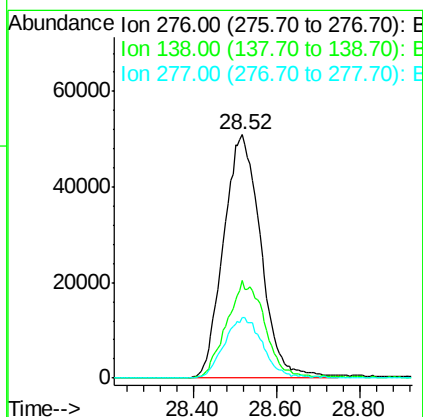
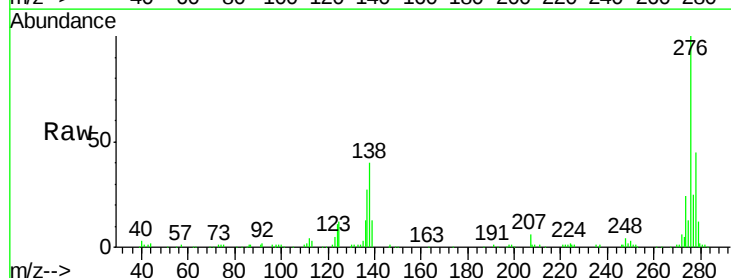
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

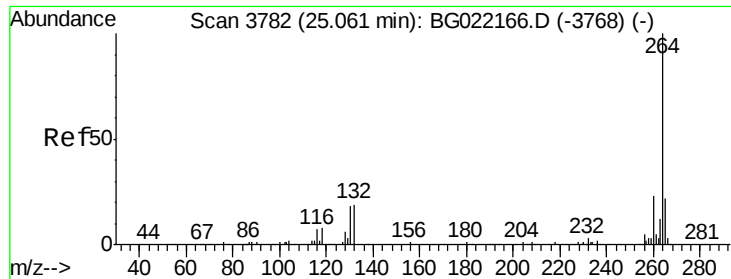
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	6.3	9.8	14.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 36.62 ng
RT: 28.52 min Scan# 4371
Delta R.T. -0.25 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	40.8	14.0	21.0#
277	25.3	20.6	30.8



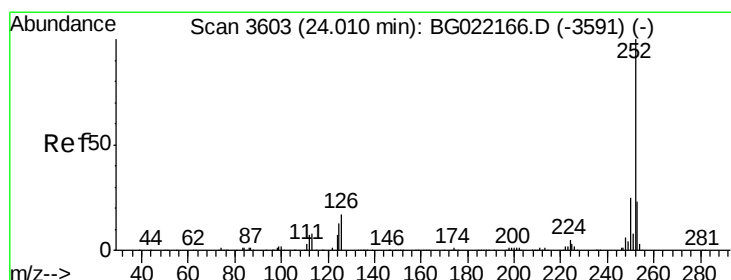
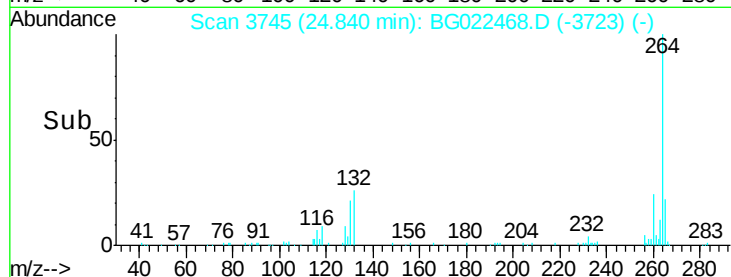
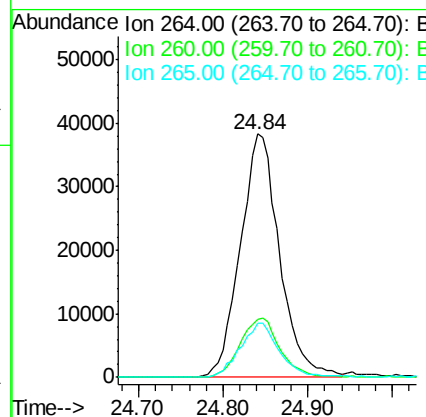
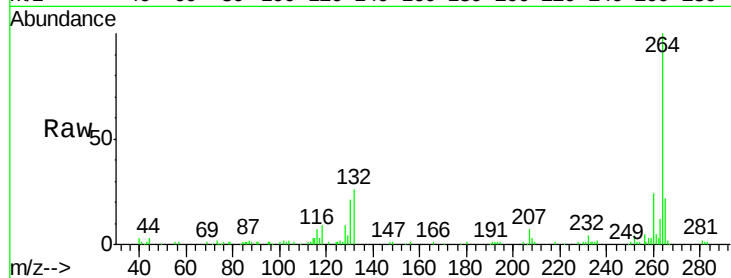


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3745
Delta R.T. -0.17 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 123188

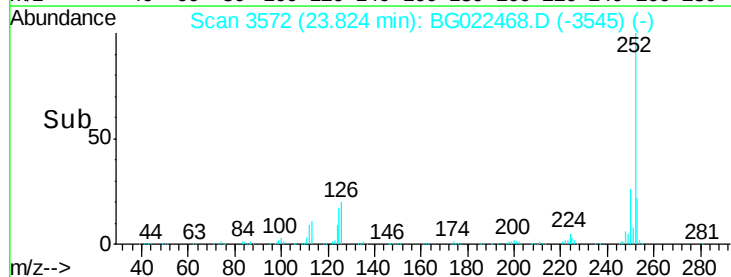
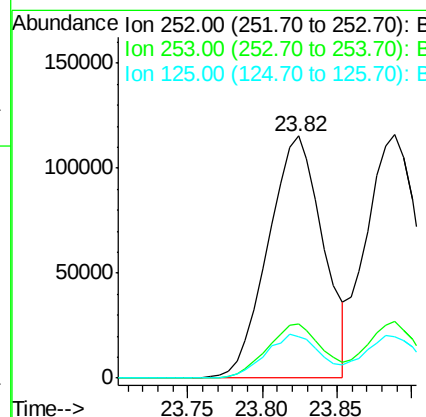
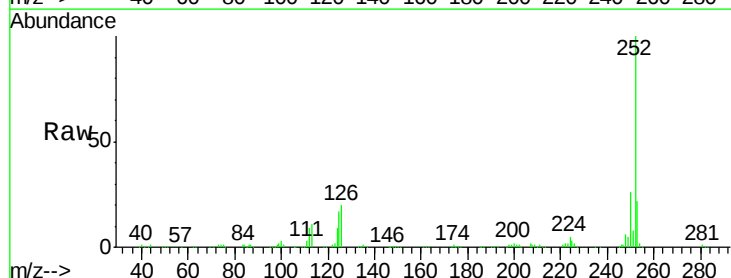
Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.2	30.4
265	22.1	17.8	26.8

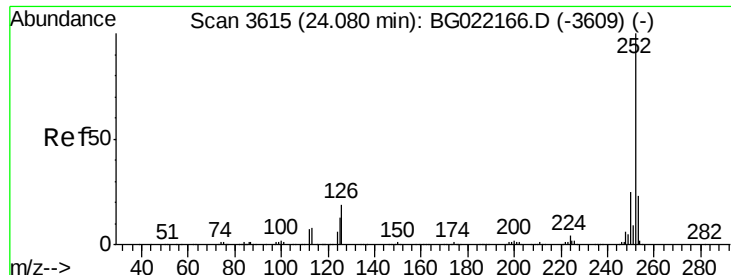


#87
Benzo(b)fluoranthene
Concen: 41.15 ng
RT: 23.82 min Scan# 3572
Delta R.T. -0.14 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion: 252 Resp: 295625

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	16.9	8.6	13.0#

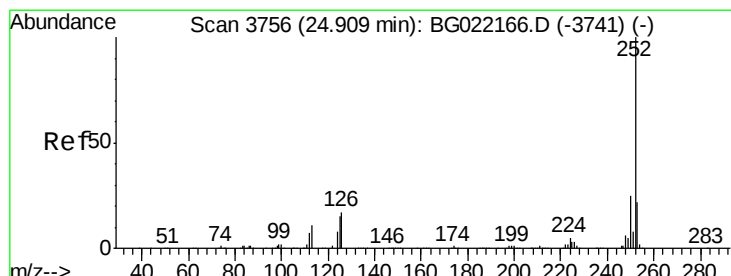
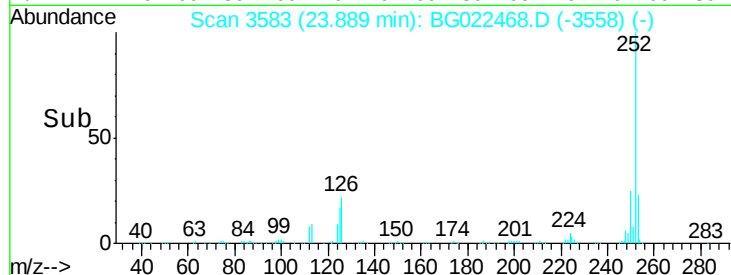
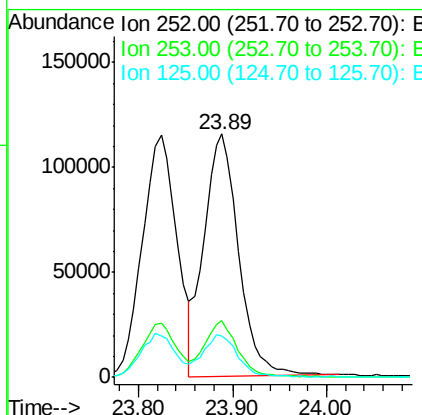
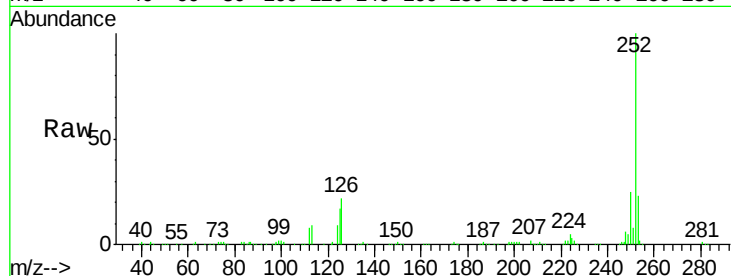




#88
Benzo(k)fluoranthene
Concen: 41.88 ng
RT: 23.89 min Scan# 3583
Delta R.T. -0.15 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

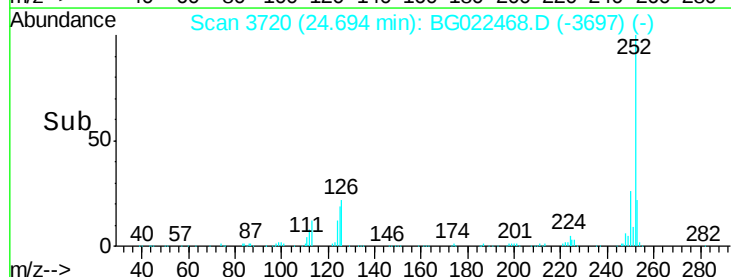
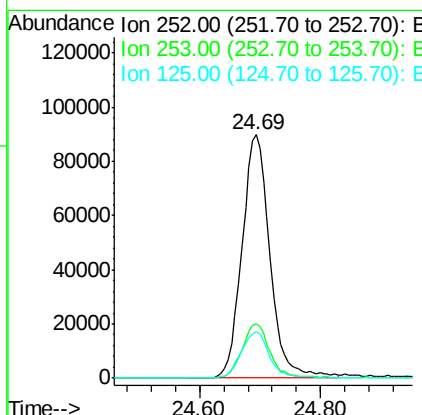
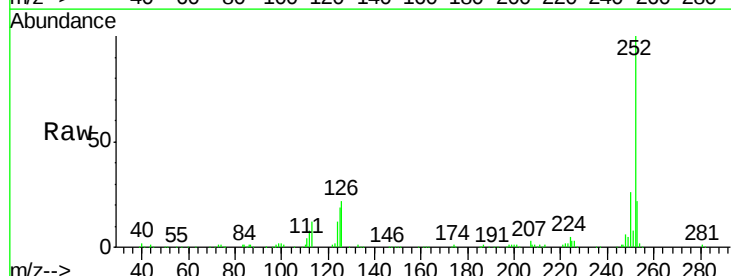
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

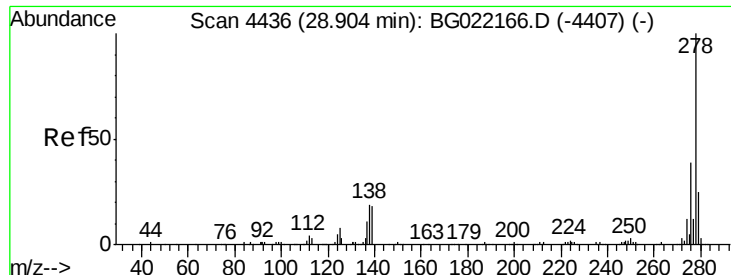
Tgt Ion:252 Resp: 296230
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 17.2 8.3 12.5#



#89
Benzo(a)pyrene
Concen: 41.91 ng
RT: 24.69 min Scan# 3720
Delta R.T. -0.17 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion:252 Resp: 287927
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 19.2 9.6 14.4#

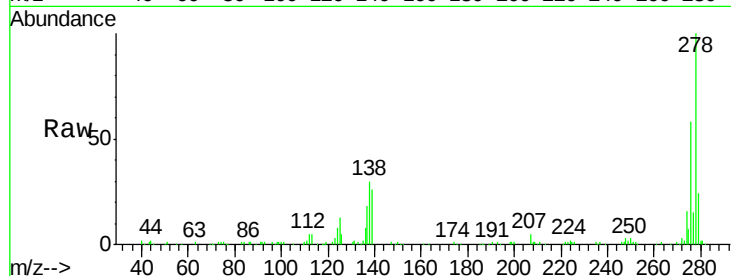




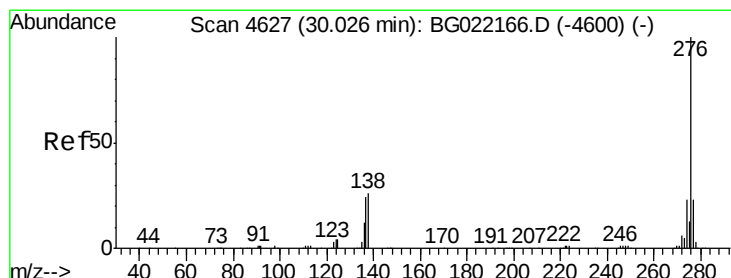
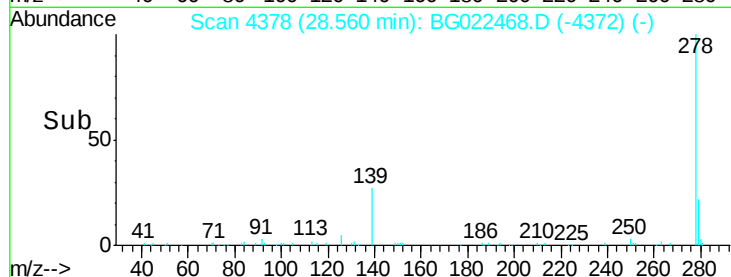
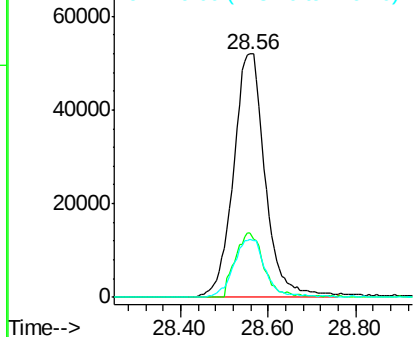
#90
Dibenzo(a,h)anthracene
Concen: 39.26 ng
RT: 28.56 min Scan# 4378
Delta R.T. -0.27 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.3	11.9	17.9#
279	24.1	18.2	27.2

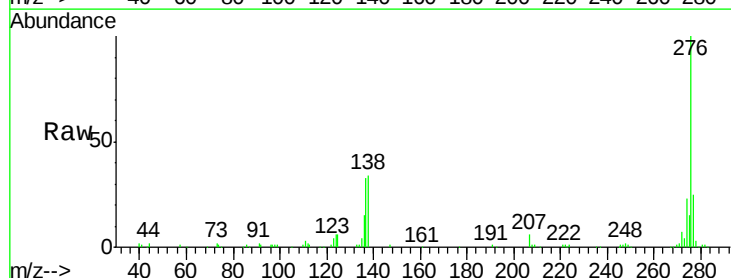


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 38.32 ng
RT: 29.65 min Scan# 4564
Delta R.T. -0.29 min
Lab File: BG022468.D
Acq: 21 Jun 2016 15:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.2
138	33.6	17.4	26.0#



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

