

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
 Data File : BG022383.D
 Acq On : 17 Jun 2016 2:19
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 17 03:51:34 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	8.05	152	27962	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	148734	20.00	ng	-0.03
38) Acenaphthene-d10	14.69	164	83294	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	173647	20.00	ng	-0.03
75) Chrysene-d12	21.71	240	151275	20.00	ng	-0.03
86) Perylene-d12	24.98	264	134430	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	126568	87.52	ng	-0.01
7) Phenol-d6	7.25	99	194642	85.60	ng	0.00
23) Nitrobenzene-d5	9.23	82	186601	87.47	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	61521	65.37	ng	-0.03
44) 2-Fluorobiphenyl	13.31	172	453064	82.89	ng	-0.03
78) Terphenyl-d14	20.03	244	525683	82.50	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	26584	38.34	ng	# 76
3) Pyridine	3.84	79	75500	40.29	ng	# 90
4) n-Nitrosodimethylamine	3.75	42	20286	48.41	ng	# 83
6) Aniline	7.38	93	123554	42.77	ng	# 83
8) 2-Chlorophenol	7.63	128	82031	41.04	ng	# 81
9) Benzaldehyde	7.19	77	46671	37.29	ng	# 74
10) Phenol	7.28	94	99237	42.33	ng	# 85
11) bis(2-Chloroethyl)ether	7.47	93	77929	41.69	ng	# 73
12) 1,3-Dichlorobenzene	7.94	146	85298	39.81	ng	# 93
13) 1,4-Dichlorobenzene	8.09	146	88067	41.25	ng	# 96
14) 1,2-Dichlorobenzene	8.41	146	85403	39.69	ng	# 96
15) Benzyl Alcohol	8.30	79	63896	43.49	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	90311	46.57	ng	# 82
17) 2-Methylphenol	8.53	107	71517	40.88	ng	# 88
18) Hexachloroethane	9.14	117	32873	42.17	ng	# 81
19) n-Nitroso-di-n-propylamine	8.86	70	64750	42.07	ng	# 73
20) 3+4-Methylphenols	8.86	107	99150	39.51	ng	# 88
22) Acetophenone	8.89	105	128703	40.15	ng	# 84
24) Nitrobenzene	9.27	77	91845	42.81	ng	# 82
25) Isophorone	9.79	82	188259	37.72	ng	# 96
26) 2-Nitrophenol	9.99	139	49026	42.14	ng	# 76
27) 2,4-Dimethylphenol	10.06	122	82418	39.14	ng	# 91
28) bis(2-Chloroethoxy)methane	10.27	93	114863	40.17	ng	# 93
29) 2,4-Dichlorophenol	10.54	162	76950	39.45	ng	# 98
30) 1,2,4-Trichlorobenzene	10.73	180	84327	38.69	ng	# 92
31) Naphthalene	10.93	128	288789	38.90	ng	# 96
32) Benzoic acid	10.23	122	33004	46.40	ng	# 88
33) 4-Chloroaniline	11.05	127	119932	38.85	ng	# 91
34) Hexachlorobutadiene	11.20	225	43958	37.57	ng	# 97
35) Caprolactam	11.82	113	32553	30.42	ng	# 53
36) 4-Chloro-3-methylphenol	12.19	107	89944	38.90	ng	# 88
37) 2-Methylnaphthalene	12.53	142	208336	38.01	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	88488	41.27	ng	# 99
40) Hexachlorocyclopentadiene	12.86	237	16280	19.08	ng	# 90

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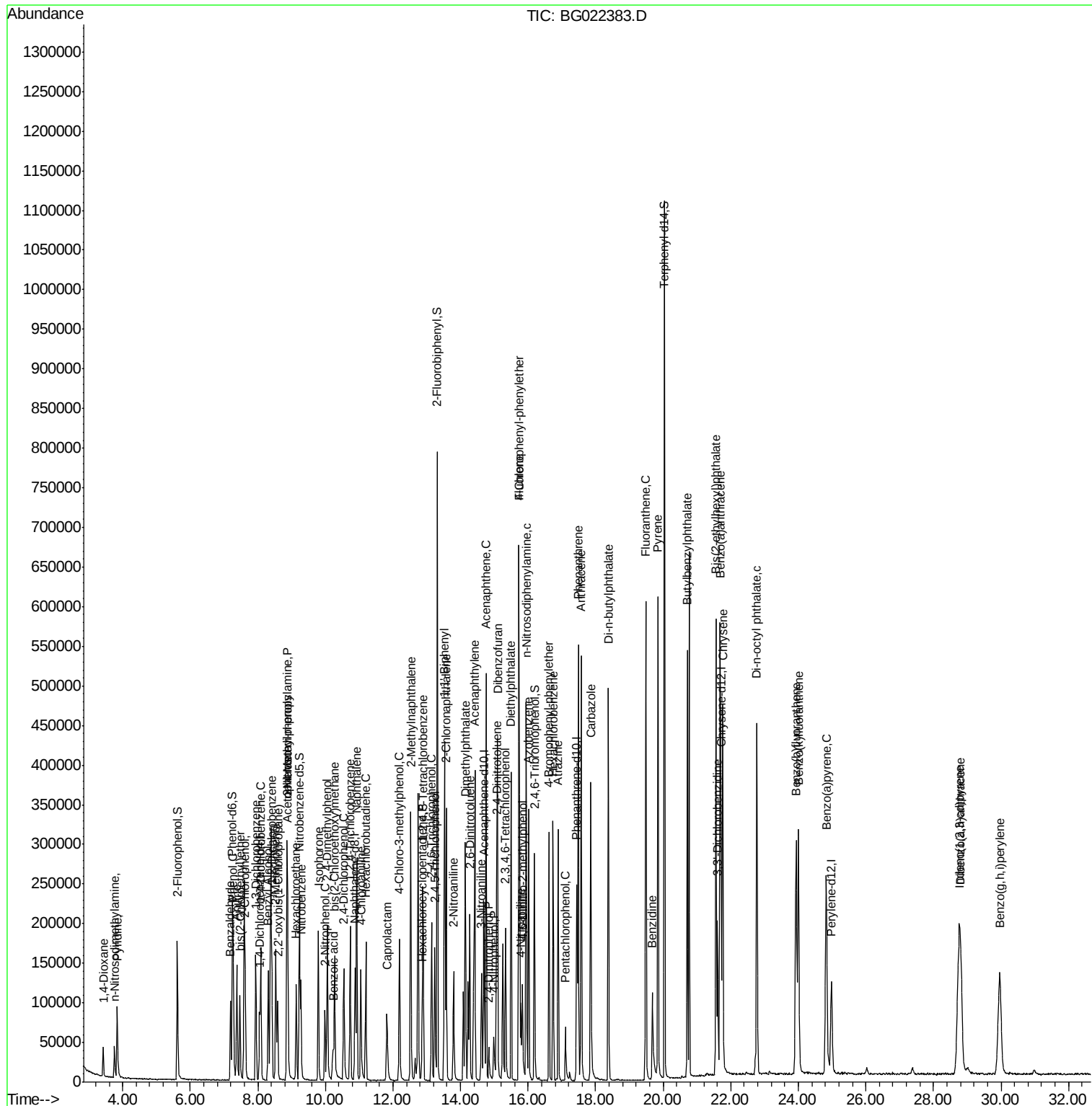
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	59154	41.13	nq	98
43) 2,4,5-Trichlorophenol	13.23	196	60700	38.20	nq	97
45) 1,1'-Biphenyl	13.53	154	265543	42.36	nq	93
46) 2-Chloronaphthalene	13.58	162	202362	42.11	nq	97
47) 2-Nitroaniline	13.79	65	51518	44.96	nq #	63
48) Acenaphthylene	14.42	152	336881	39.96	nq	97
49) Dimethylphthalate	14.15	163	251944	36.48	nq	97
50) 2,6-Dinitrotoluene	14.27	165	57214	38.11	nq #	83
51) Acenaphthene	14.76	154	202006	39.99	nq	96
52) 3-Nitroaniline	14.62	138	59563	35.77	nq #	81
53) 2,4-Dinitrophenol	14.84	184	15026	32.09	nq #	81
54) Dibenzofuran	15.09	168	312827	39.68	nq	99
55) 4-Nitrophenol	14.99	139	30899	26.89	nq #	74
56) 2,4-Dinitrotoluene	15.07	165	79500	39.48	nq #	90
57) Fluorene	15.74	166	258388	38.05	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.33	232	53810	37.75	nq	95
59) Diethylphthalate	15.50	149	267056	36.20	nq	99
60) 4-Chlorophenyl-phenylether	15.73	204	117085	38.07	nq	96
61) 4-Nitroaniline	15.78	138	49323	27.93	nq	84
62) Azobenzene	16.02	77	236711	42.37	nq	88
64) 4,6-Dinitro-2-methylphenol	15.84	198	34345	40.03	nq	86
65) n-Nitrosodiphenylamine	15.94	169	212609	42.50	nq	99
66) 4-Bromophenyl-phenylether	16.62	248	66587	40.92	nq	98
67) Hexachlorobenzene	16.74	284	70556	37.21	nq	97
68) Atrazine	16.89	200	67486	36.45	nq	97
69) Pentachlorophenol	17.11	266	18901	26.90	nq	97
70) Phenanthrene	17.48	178	378827	40.17	nq	99
71) Anthracene	17.57	178	377652	40.37	nq	97
72) Carbazole	17.85	167	341578	38.56	nq	96
73) Di-n-butylphthalate	18.38	149	467226	40.34	nq	99
74) Fluoranthene	19.49	202	406518	37.49	nq	96
76) Benzidine	19.68	184	146848	37.12	nq	95
77) Pyrene	19.84	202	404760	43.04	nq	99
79) Butylbenzylphthalate	20.71	149	202294	46.38	nq #	91
80) Benzo(a)anthracene	21.69	228	336859	39.71	nq	99
81) 3,3'-Dichlorobenzidine	21.61	252	93153	39.12	nq #	97
82) Chrysene	21.76	228	326048	39.50	nq	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	287995	44.90	nq	95
84) Di-n-octyl phthalate	22.77	149	491067	46.11	nq #	88
85) Indeno(1,2,3-cd)pyrene	28.76	276	347097	37.48	nq #	85
87) Benzo(b)fluoranthene	23.93	252	326124	41.60	nq #	96
88) Benzo(k)fluoranthene	24.00	252	307732	39.87	nq #	96
89) Benzo(a)pyrene	24.82	252	308828	41.20	nq #	96
90) Dibenzo(a,h)anthracene	28.80	278	279235	39.55	nq #	92
91) Benzo(g,h,i)perylene	29.96	276	292331	39.80	nq #	92

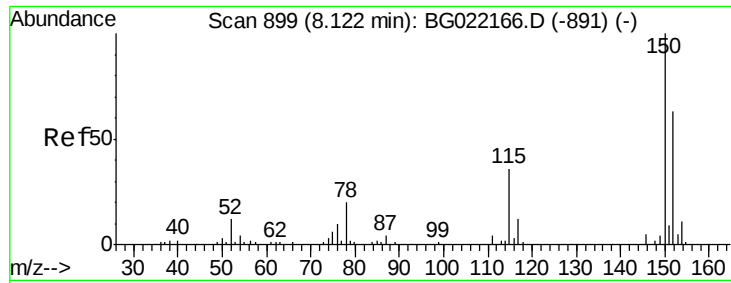
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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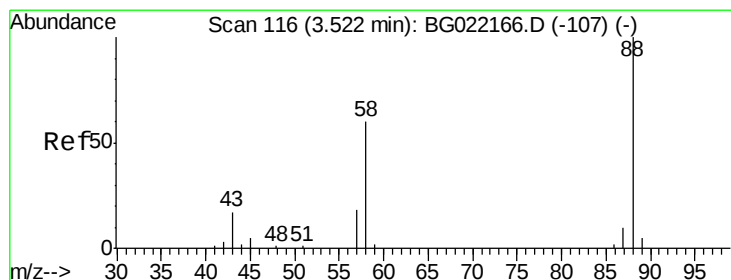
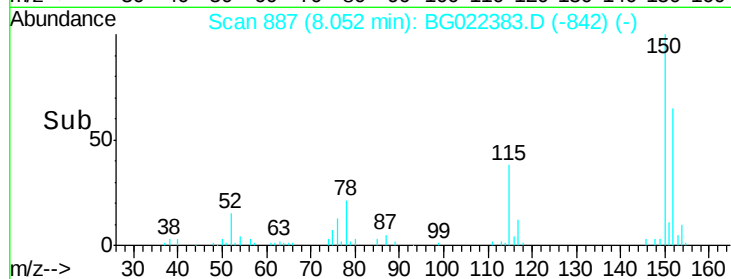
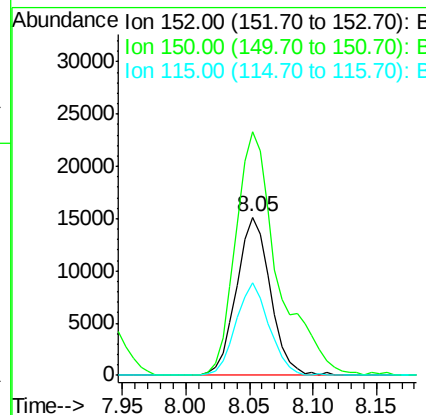
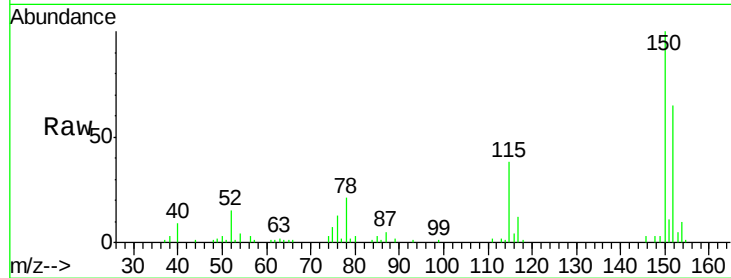


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.04 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Instrument :
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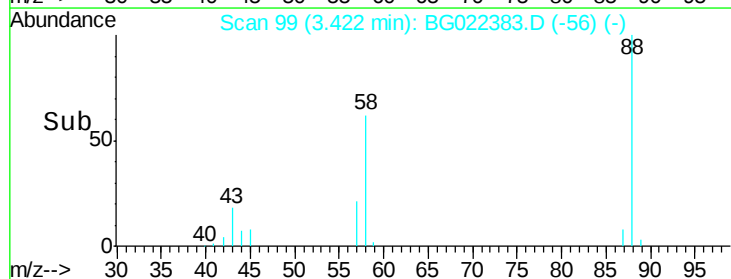
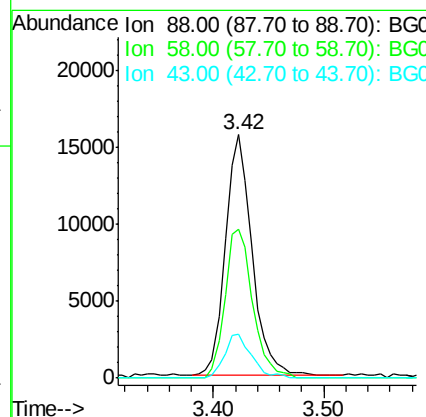
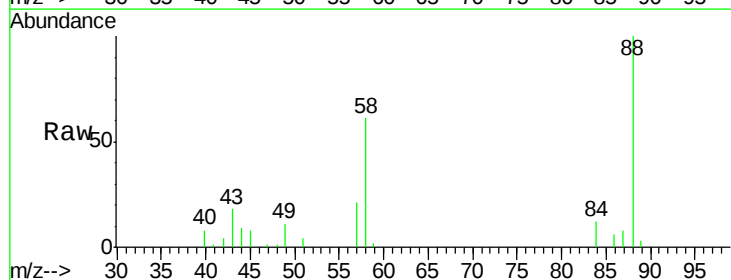
Tot Ion:152 Resp: 27962
Ion Ratio Lower Upper
152 100
150 153.8 130.1 195.1
115 58.3 62.2 93.2#

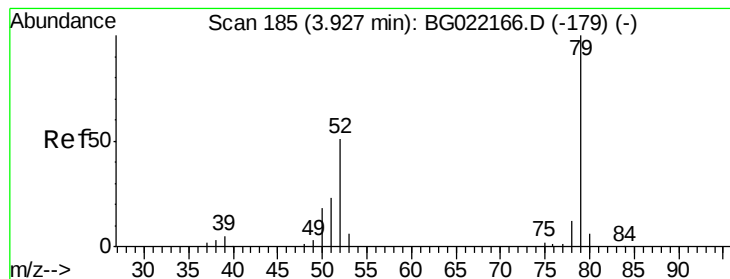


#2

1,4-Dioxane
Concen: 38.34 ng
RT: 3.42 min Scan# 99
Delta R.T. -0.05 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Tgt Ion: 88 Resp: 26584
Ion Ratio Lower Upper
88 100
58 63.7 36.8 55.2#
43 18.4 10.4 15.6#





#3

Pvridine

Concen: 40.29 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.04 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

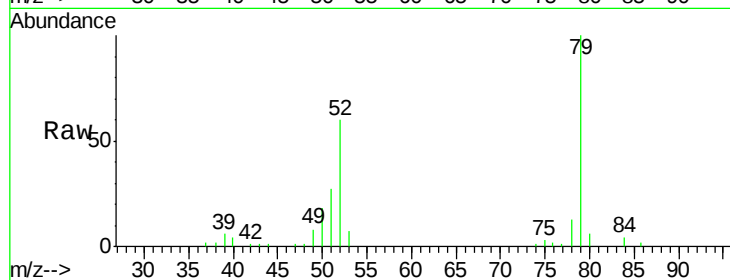
Tot Ion: 79 Resp: 75500

Ion Ratio Lower Upper

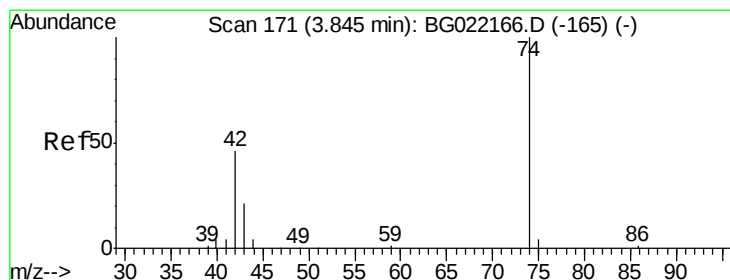
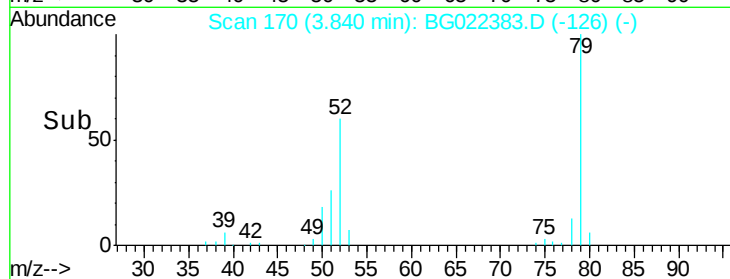
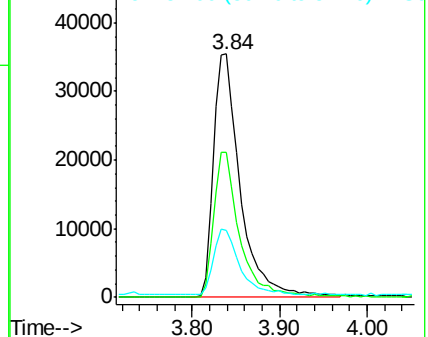
79 100

52 59.6 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: 48.41 ng

RT: 3.75 min Scan# 155

Delta R.T. -0.06 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

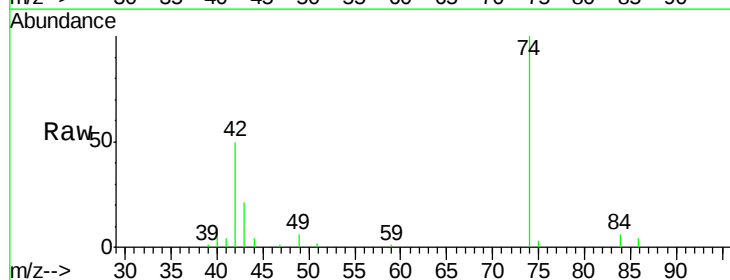
Tgt Ion: 42 Resp: 20286

Ion Ratio Lower Upper

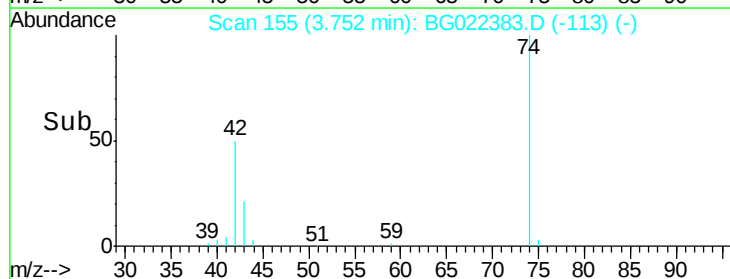
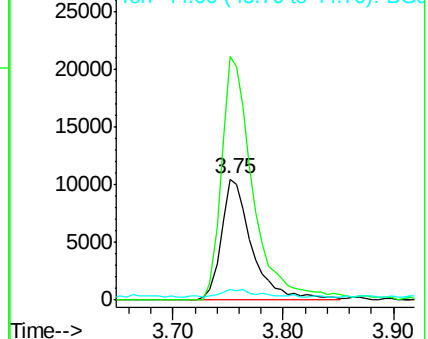
42 100

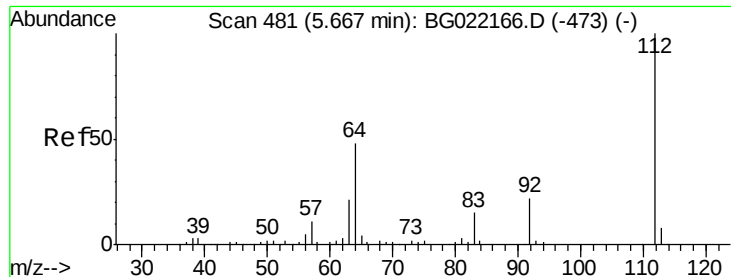
74 201.0 184.0 276.0

44 8.7 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: 87.52 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.01 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

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SSTDCCC040

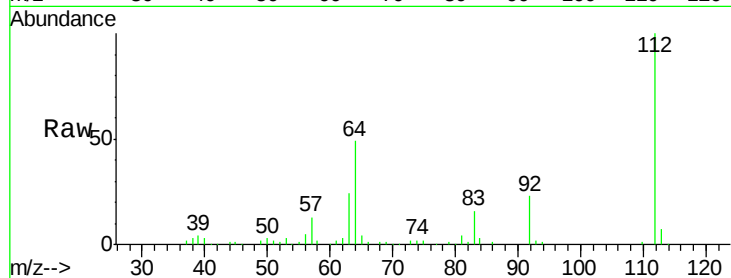
Tot Ion:112 Resp: 126568

Ion Ratio Lower Upper

112 100

64 48.9 51.1 76.7#

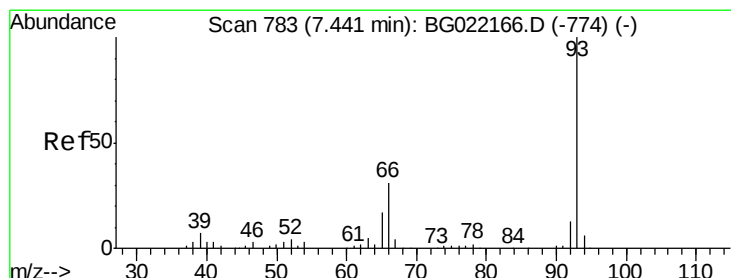
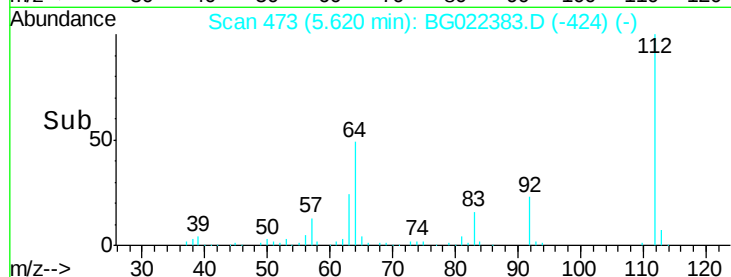
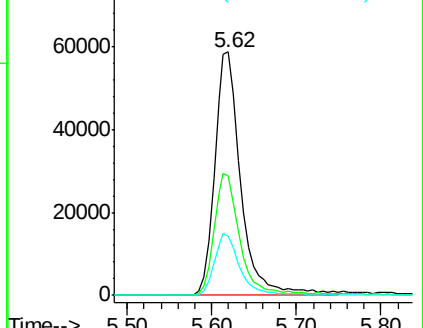
63 24.4 24.6 37.0#



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: 42.77 ng

RT: 7.38 min Scan# 772

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

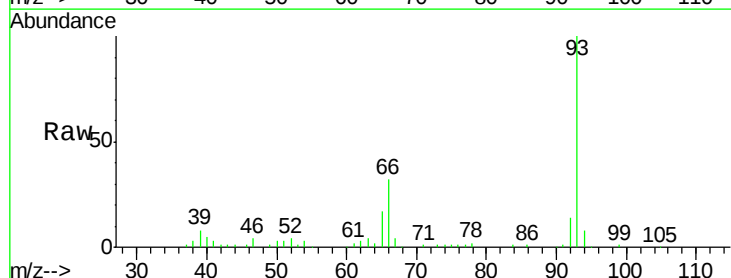
Tgt Ion: 93 Resp: 123554

Ion Ratio Lower Upper

93 100

66 32.0 36.3 54.5#

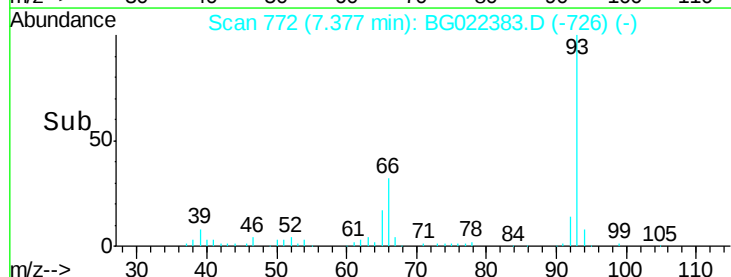
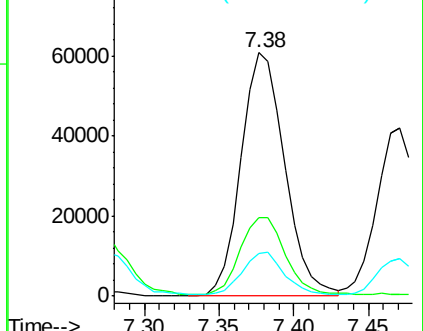
65 17.4 18.4 27.6#

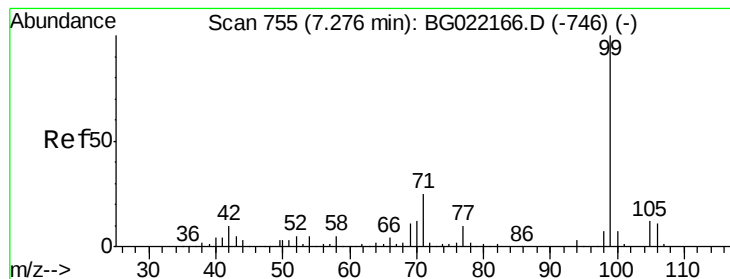


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.60 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG022383.D

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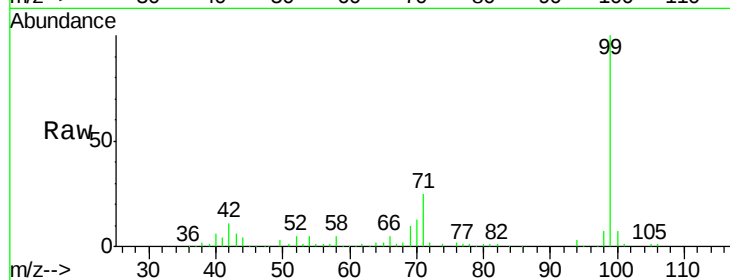
Tot Ion: 99 Resp: 194642

Ion Ratio Lower Upper

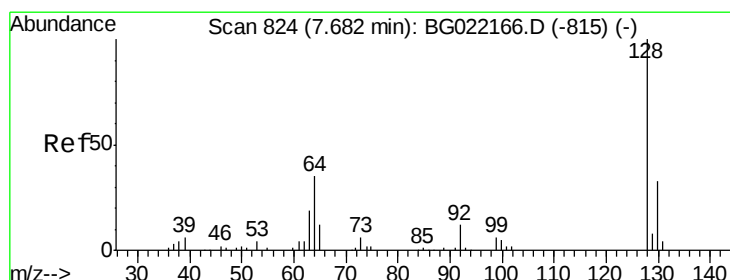
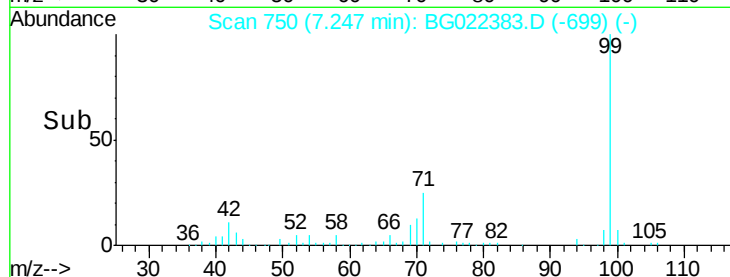
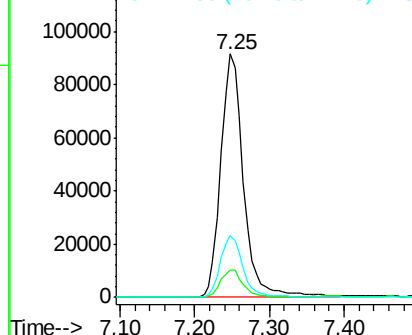
99 100

42 11.0 16.4 24.6#

71 25.3 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



#8

2-Chlorophenol

Concen: 41.04 ng

RT: 7.63 min Scan# 815

Delta R.T. -0.02 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

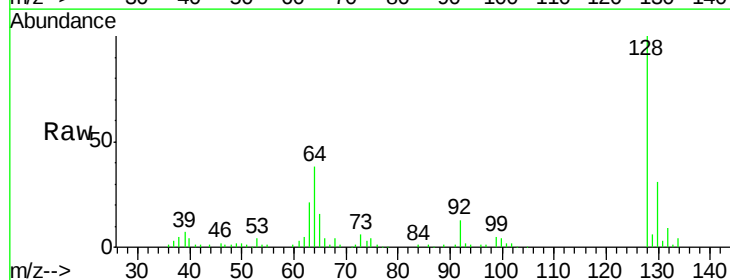
Tgt Ion: 128 Resp: 82031

Ion Ratio Lower Upper

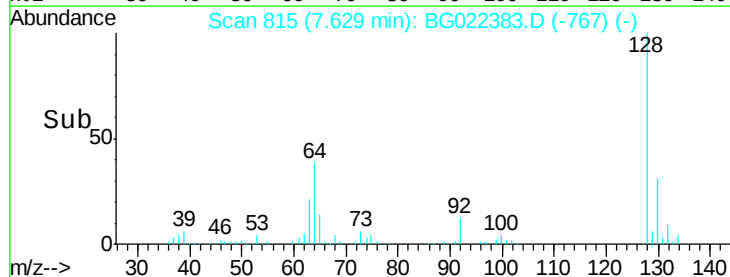
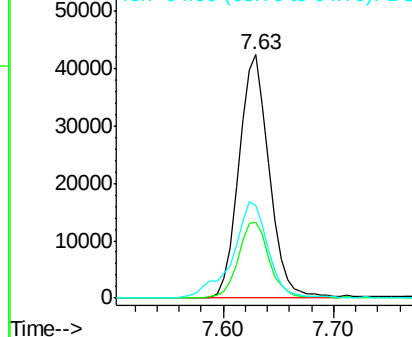
128 100

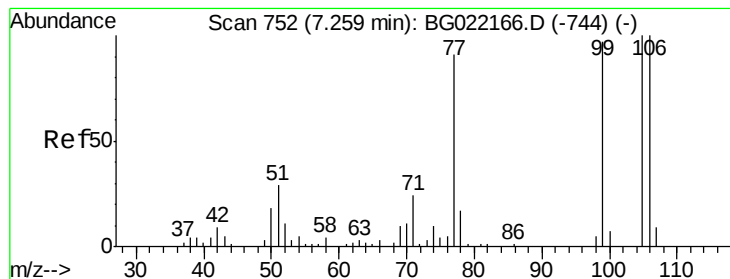
130 31.2 11.2 51.2

64 38.1 39.8 79.8#



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: 37.29 ng

RT: 7.19 min Scan# 740

Delta R.T. -0.03 min

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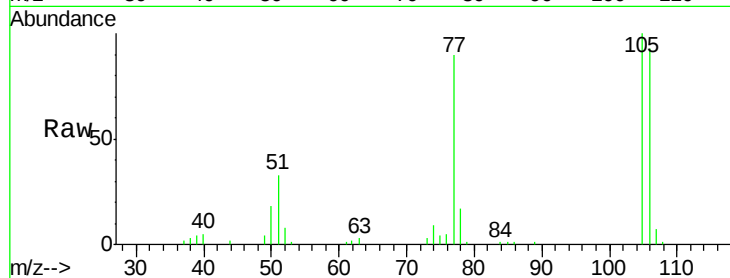
Tot Ion: 77 Resp: 46671

Ion Ratio Lower Upper

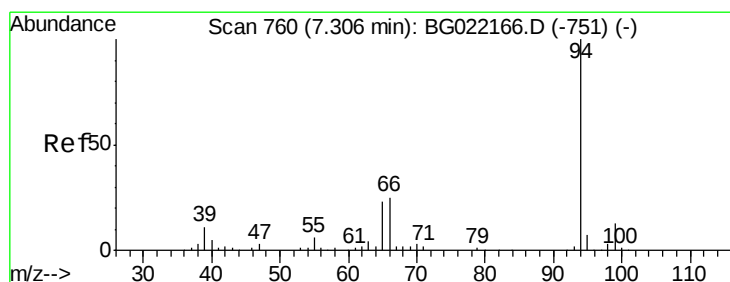
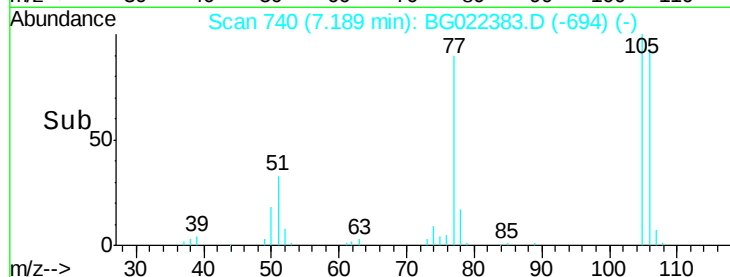
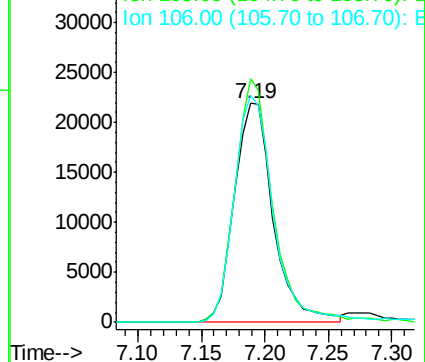
77 100

105 111.2 62.1 102.1#

106 103.6 65.6 105.6



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: 42.33 ng

RT: 7.28 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

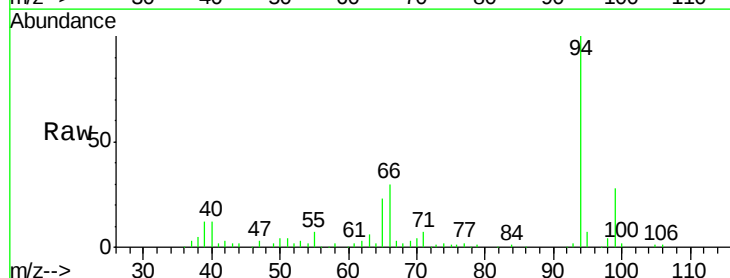
Tgt Ion: 94 Resp: 99237

Ion Ratio Lower Upper

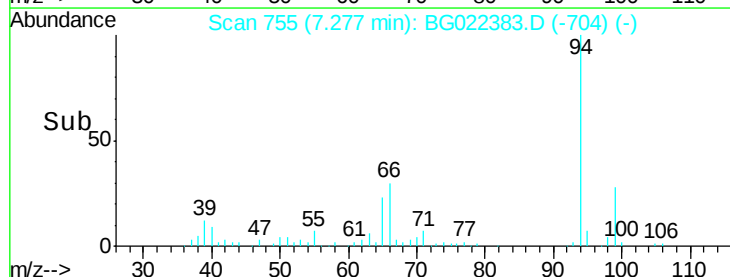
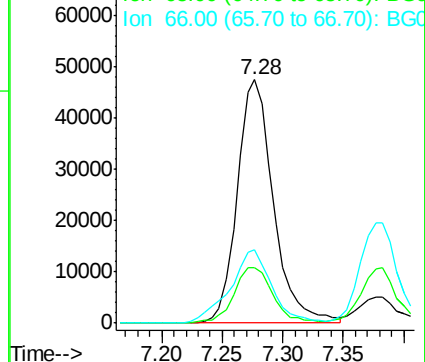
94 100

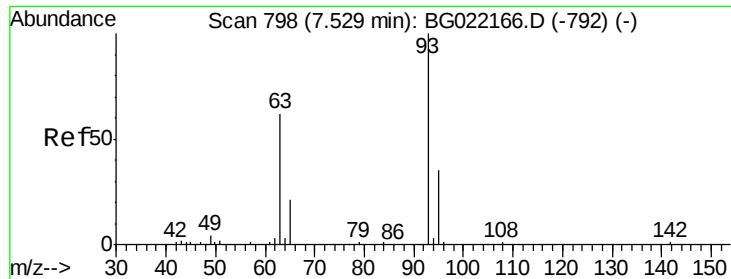
65 22.6 9.8 49.8

66 30.2 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

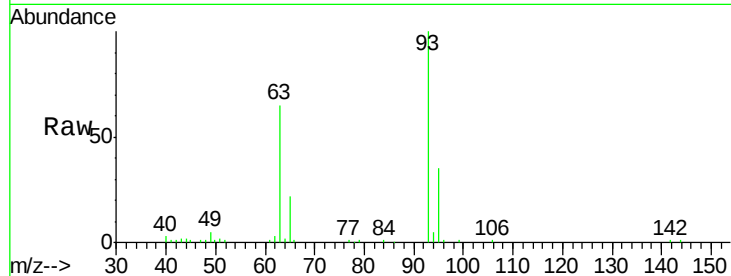




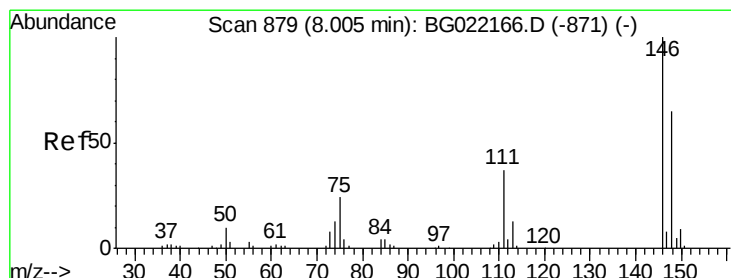
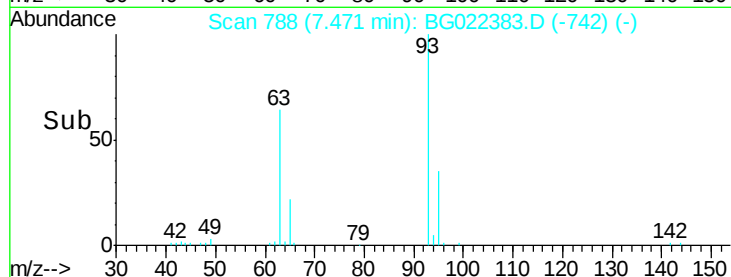
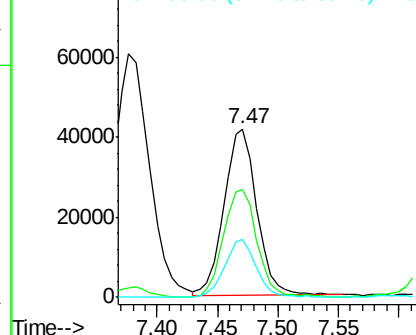
#11
bis(2-Chloroethyl)ether
Concen: 41.69 ng
RT: 7.47 min Scan# 788
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 93 Resp: 77929
Ion Ratio Lower Upper
93 100
63 64.5 74.9 114.9#
95 34.7 8.3 48.3

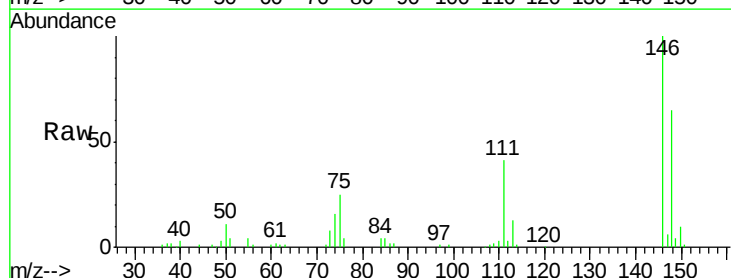


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

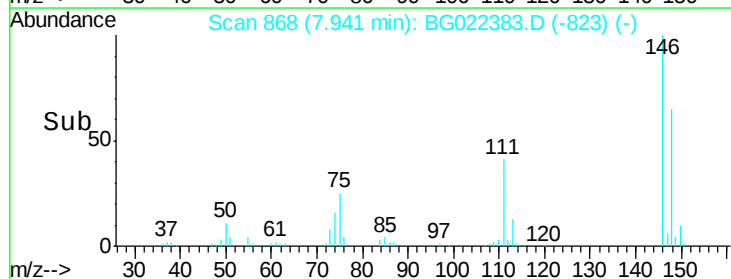
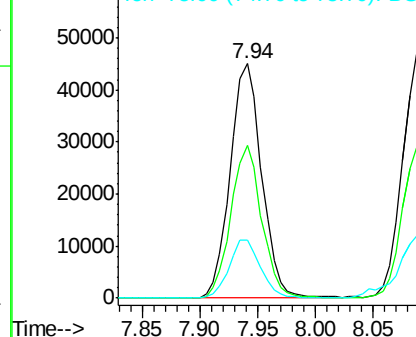


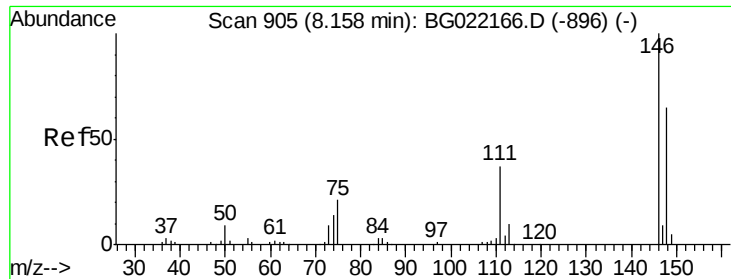
#12
1,3-Dichlorobenzene
Concen: 39.81 ng
RT: 7.94 min Scan# 868
Delta R.T. -0.04 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Tgt Ion: 146 Resp: 85298
Ion Ratio Lower Upper
146 100
148 65.1 53.7 80.5
75 24.8 27.4 41.0#



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

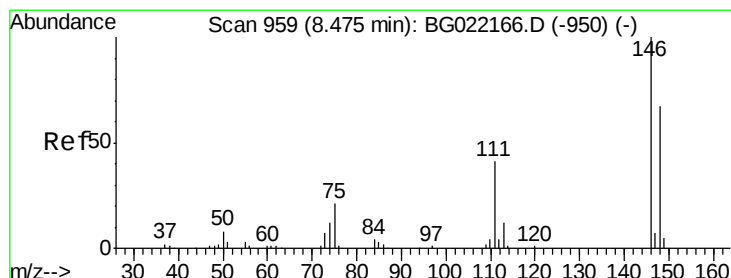
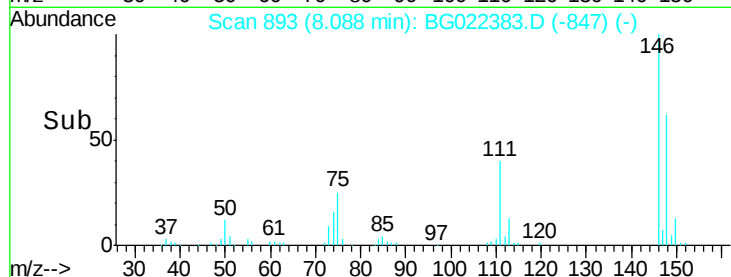
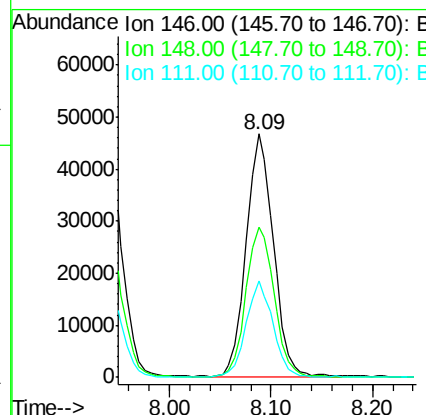
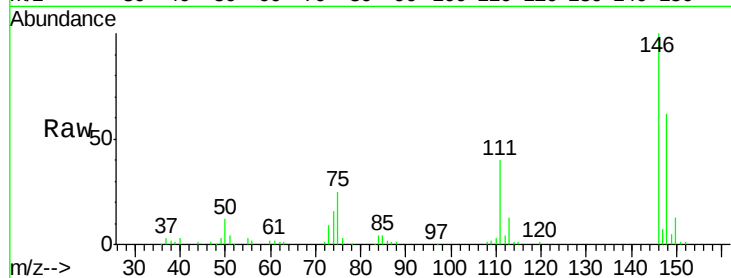




#13
 1,4-Dichlorobenzene
 Concen: 41.25 ng
 RT: 8.09 min Scan# 893
 Delta R.T. -0.03 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

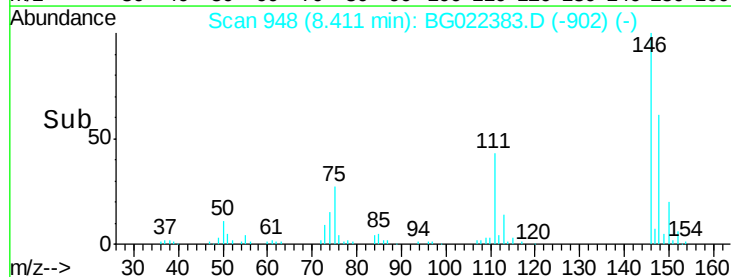
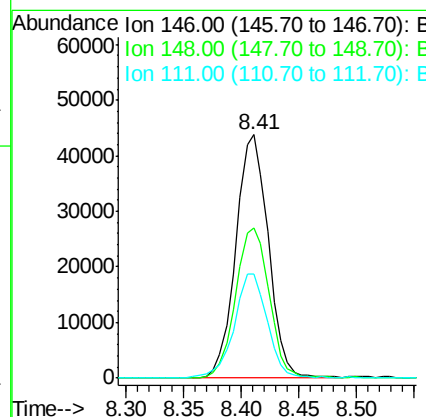
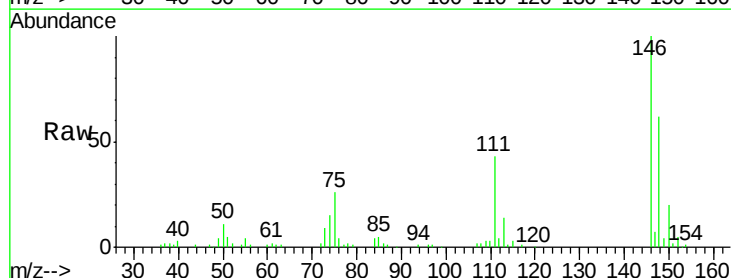
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

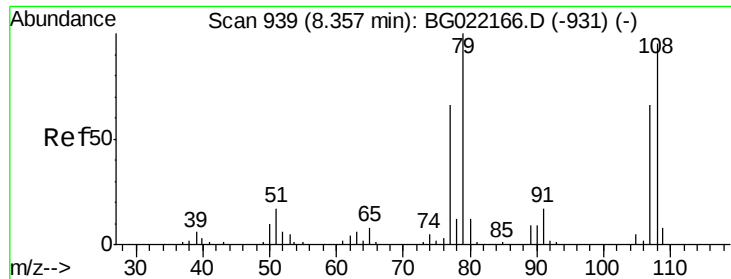
Tot Ion:146 Resp: 88067
 Ion Ratio Lower Upper
 146 100
 148 61.8 46.7 70.1
 111 39.7 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 39.69 ng
 RT: 8.41 min Scan# 948
 Delta R.T. -0.03 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Tgt Ion:146 Resp: 85403
 Ion Ratio Lower Upper
 146 100
 148 61.6 52.6 79.0
 111 43.0 36.1 54.1





#15

Benzyl Alcohol

Concen: 43.49 ng

RT: 8.30 min Scan# 930

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

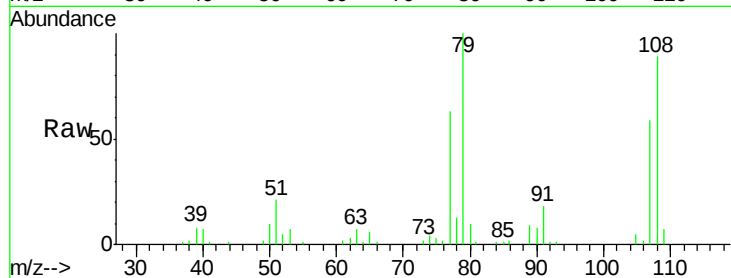
Tot Ion: 79 Resp: 63896

Ion Ratio Lower Upper

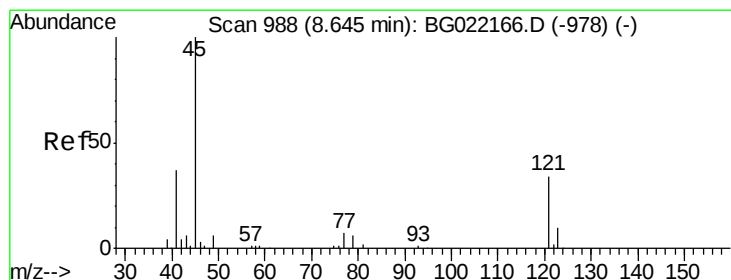
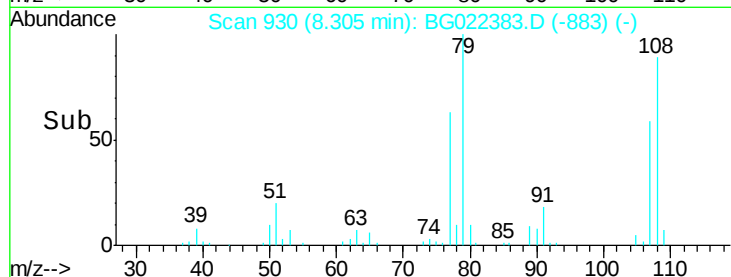
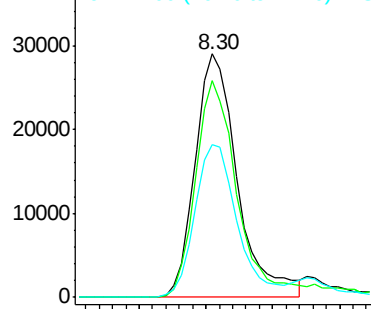
79 100

108 88.9 59.4 89.0

77 62.6 52.2 78.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.57 ng

RT: 8.59 min Scan# 978

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

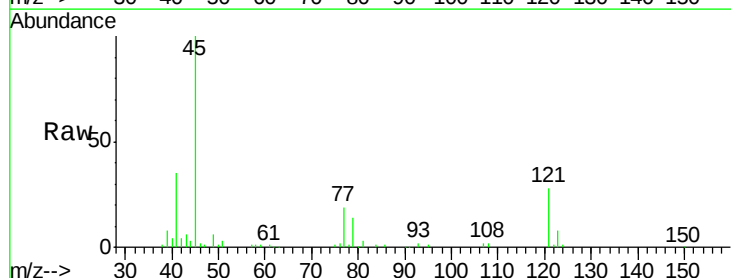
Tgt Ion: 45 Resp: 90311

Ion Ratio Lower Upper

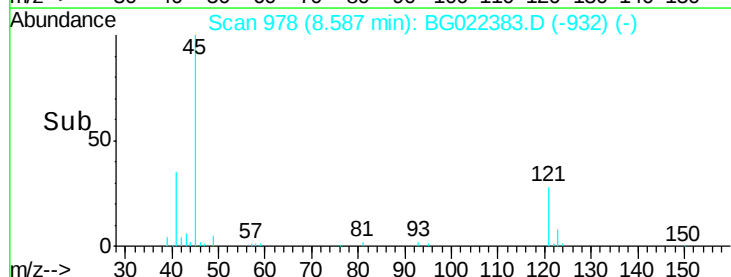
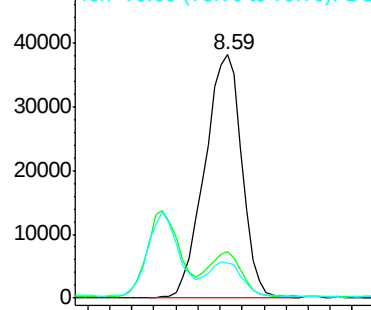
45 100

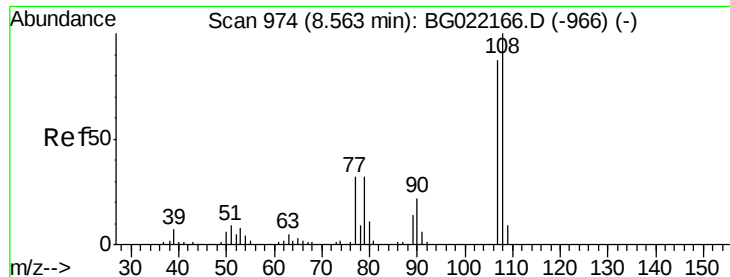
77 19.1 0.0 31.2

79 14.3 0.0 29.0



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





#17

2-Methylphenol

Concen: 40.88 ng

RT: 8.53 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 71517

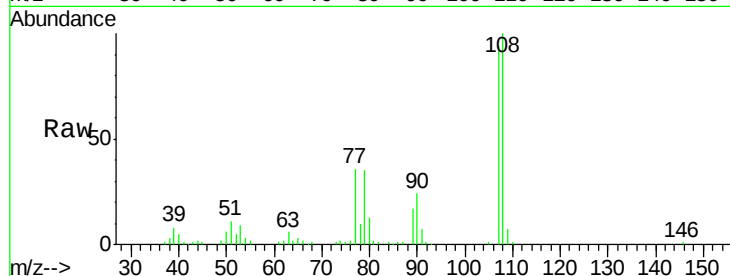
Ion Ratio Lower Upper

107 100

108 106.3 80.2 120.4

77 37.8 40.7 61.1#

79 36.9 39.8 59.8#

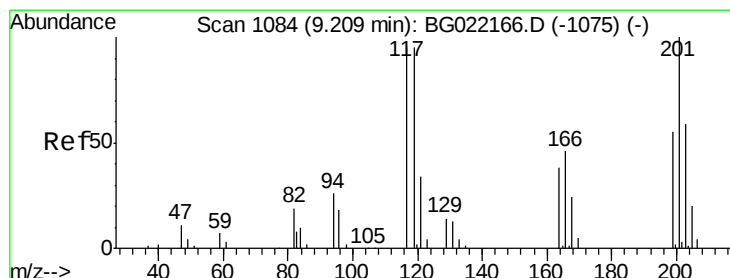
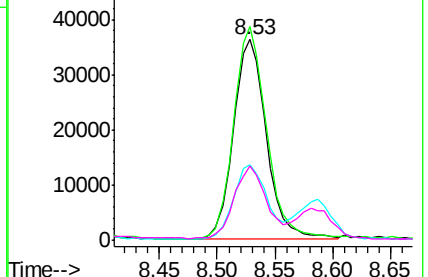
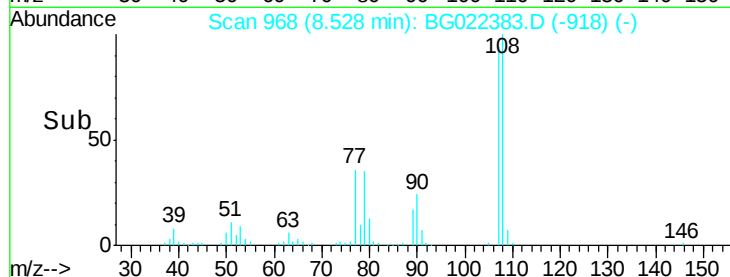


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.17 ng

RT: 9.14 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

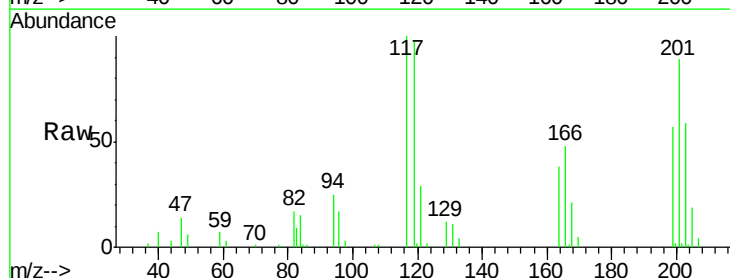
Tgt Ion:117 Resp: 32873

Ion Ratio Lower Upper

117 100

119 97.7 63.9 95.9#

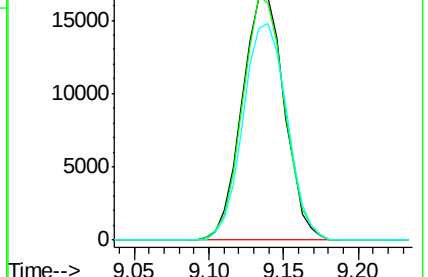
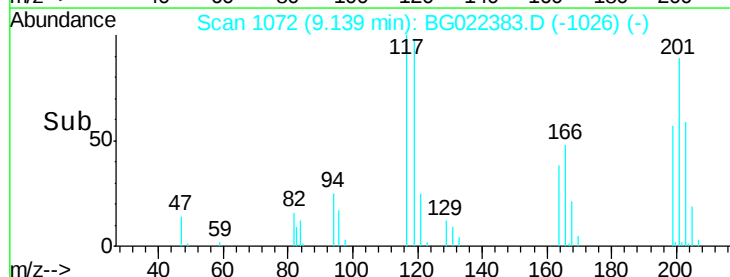
201 91.4 61.2 91.8

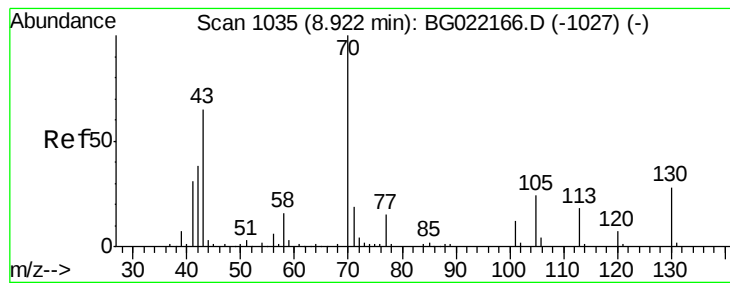


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.07 ng

RT: 8.86 min Scan# 1024

Delta R.T. -0.04 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 64750

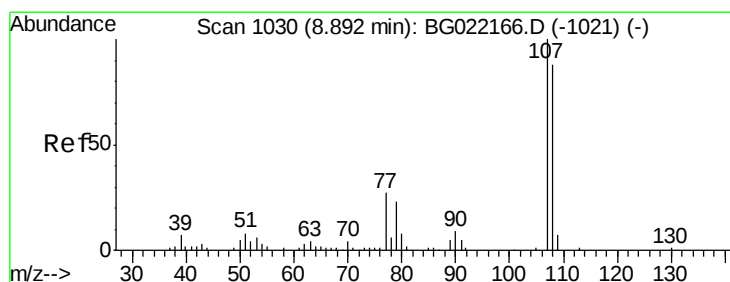
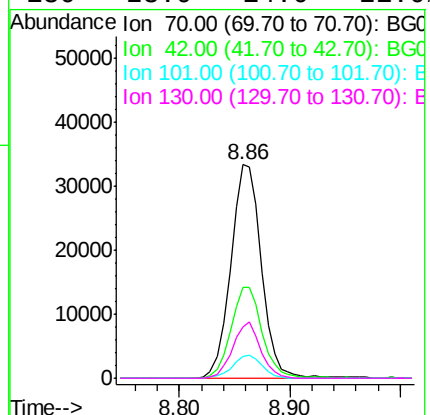
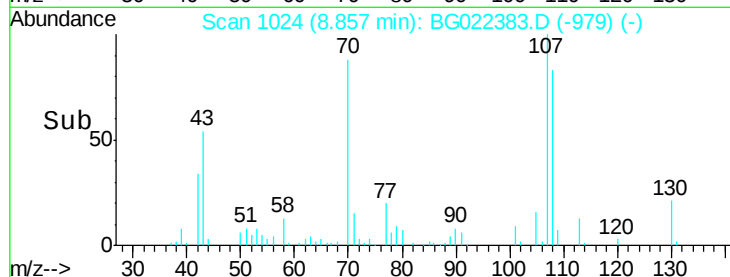
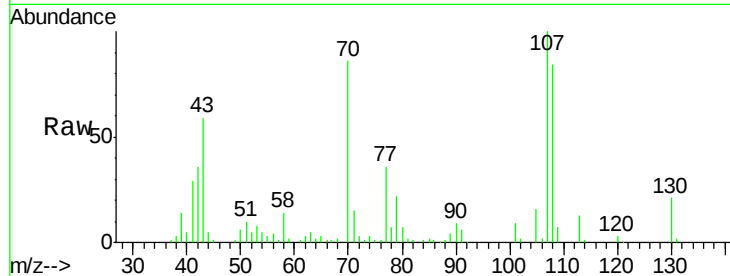
Ion Ratio Lower Upper

70 100

42 42.4 56.7 85.1#

101 10.3 8.2 12.4

130 23.9 14.0 21.0#



#20

3+4-Methylphenols

Concen: 39.51 ng

RT: 8.86 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Tgt Ion: 107 Resp: 99150

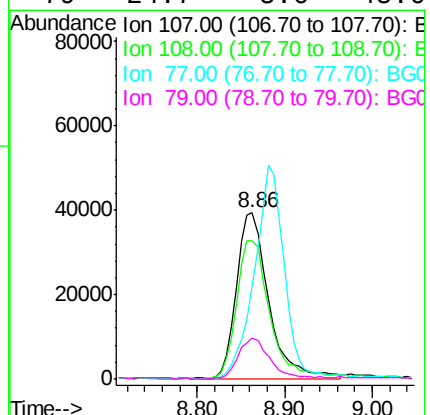
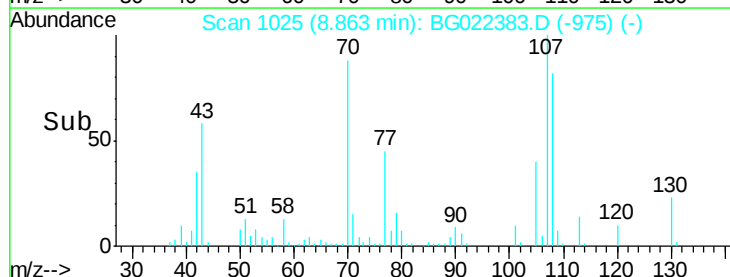
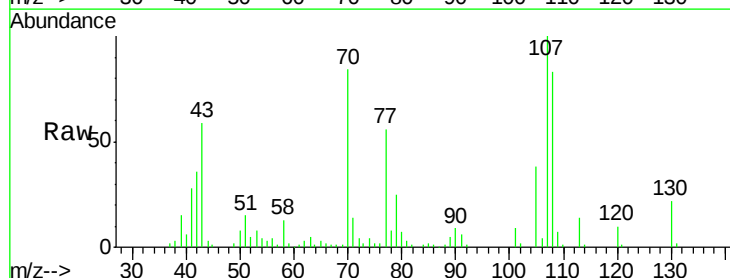
Ion Ratio Lower Upper

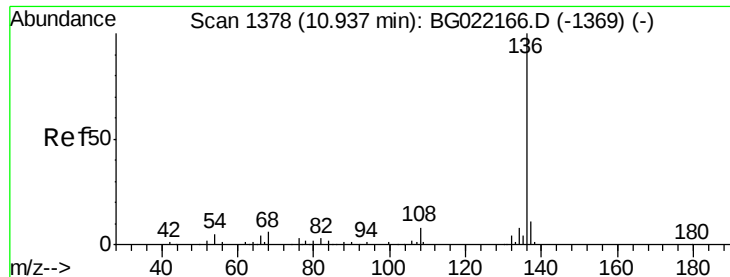
107 100

108 83.2 66.2 106.2

77 55.7 11.5 51.5#

79 24.7 5.6 45.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1367

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 148734

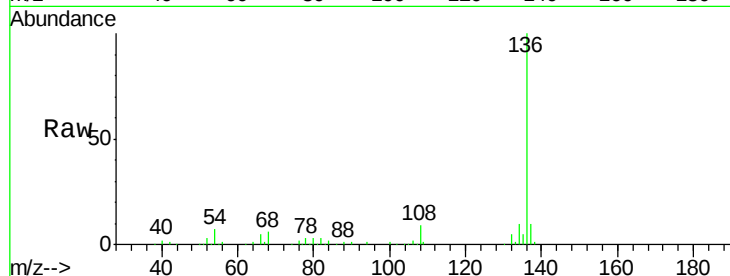
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 6.8 9.6 14.4#

68 6.2 6.4 9.6#

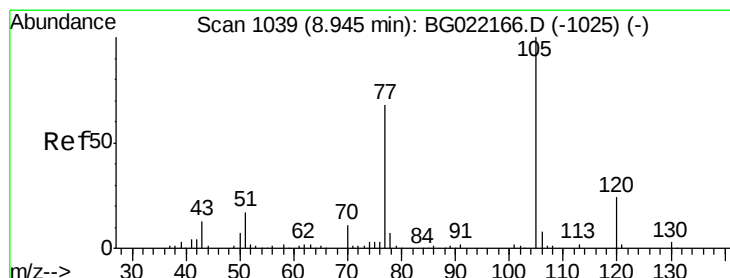
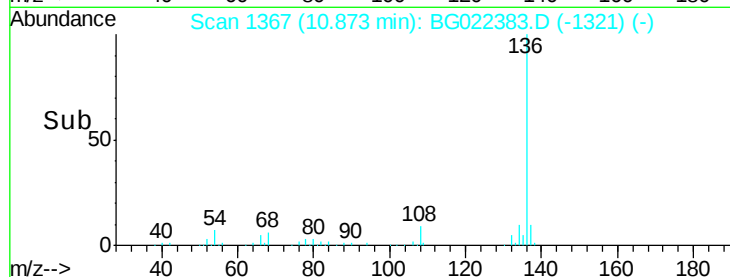
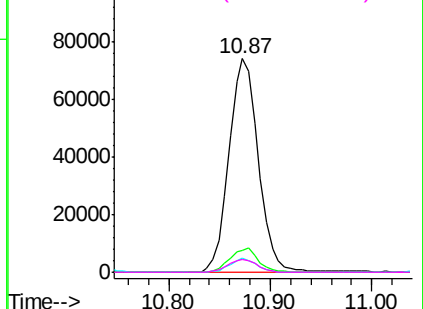


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.15 ng

RT: 8.89 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Tgt Ion:105 Resp: 128703

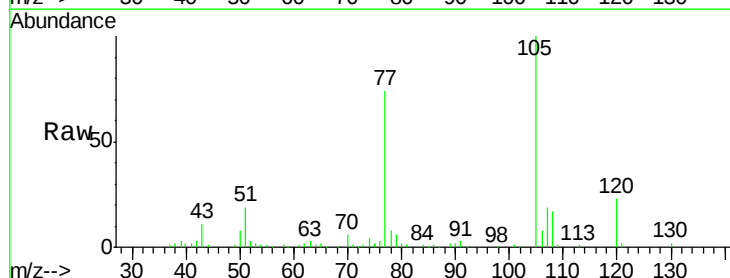
Ion Ratio Lower Upper

105 100

71 0.9 0.0 0.0#

51 18.5 25.7 38.5#

120 23.4 17.0 25.6

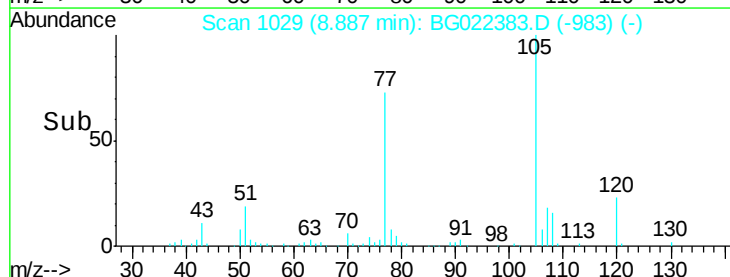
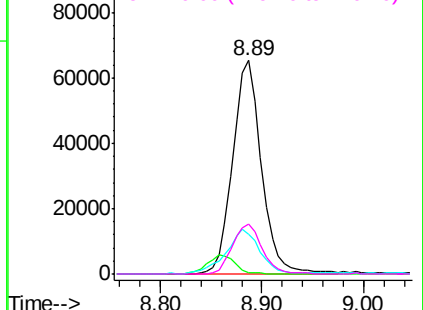


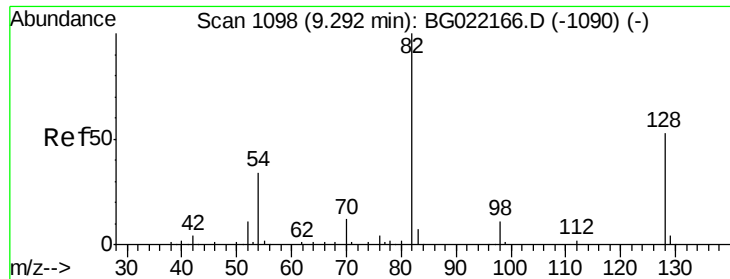
Abundance Ion 105.00 (104.70 to 105.70): E

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

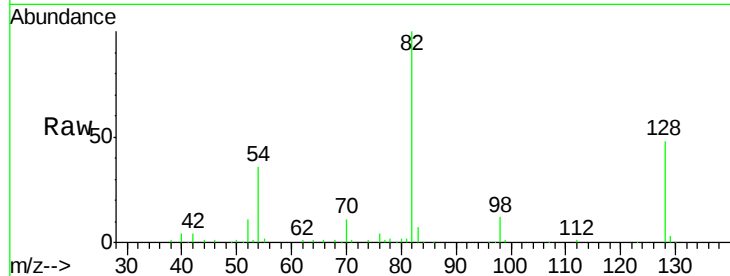




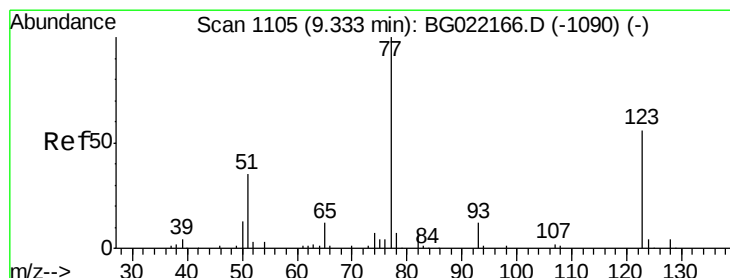
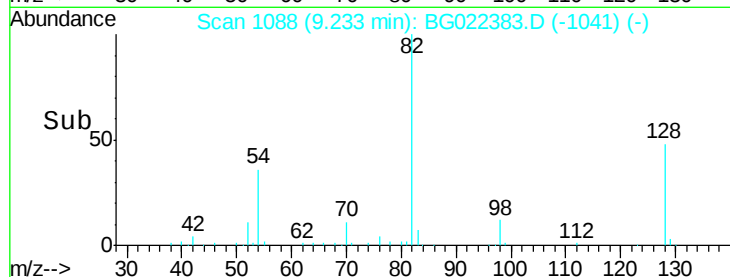
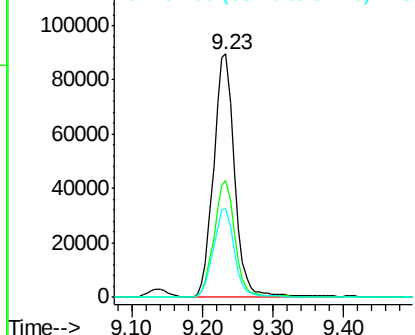
#23
Nitrobenzene-d5
Concen: 87.47 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 186601
Ion Ratio Lower Upper
82 100
128 48.0 33.4 50.0
54 36.5 46.1 69.1#

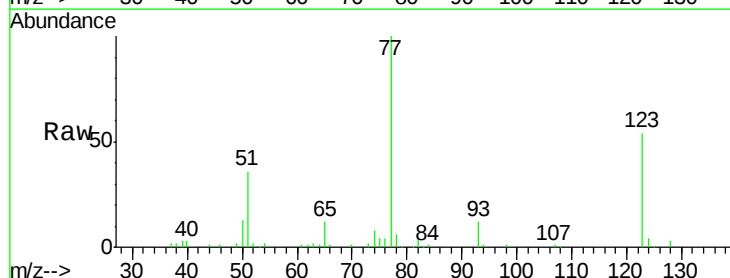


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

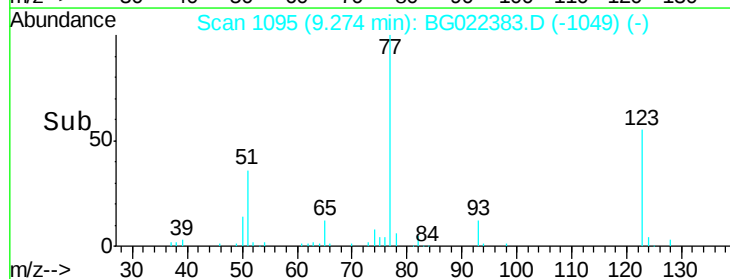
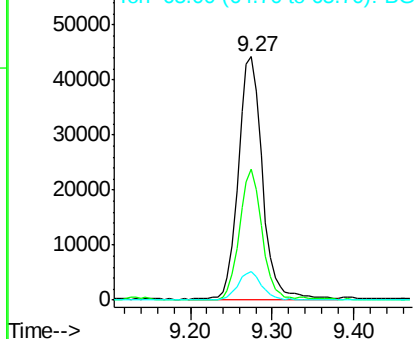


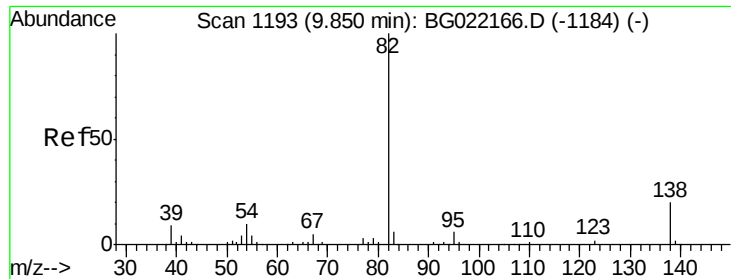
#24
Nitrobenzene
Concen: 42.81 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Tgt Ion: 77 Resp: 91845
Ion Ratio Lower Upper
77 100
123 54.0 32.2 48.4#
65 11.6 10.3 15.5



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





#25

Isophorone

Concen: 37.72 ng

RT: 9.79 min Scan# 1183

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

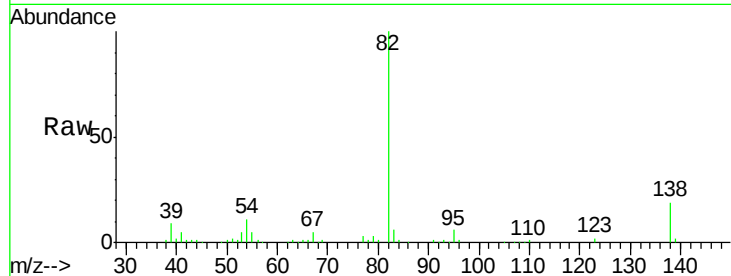
Tot Ion: 82 Resp: 188259

Ion Ratio Lower Upper

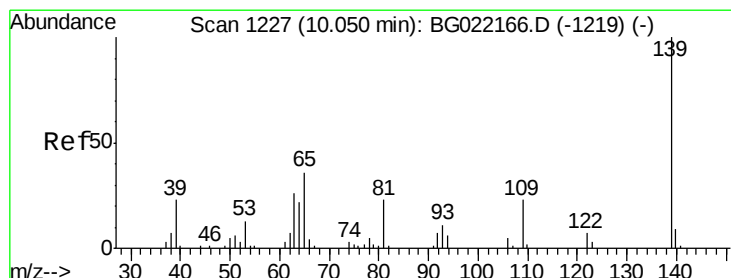
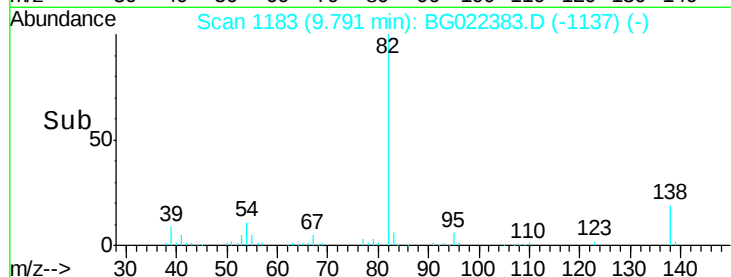
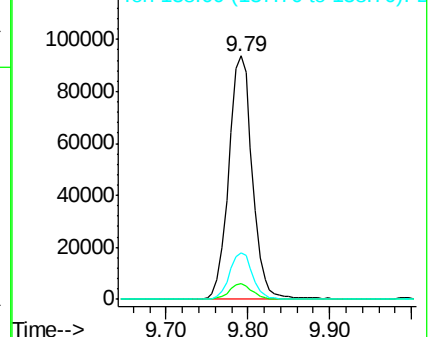
82 100

95 6.4 6.0 9.0

138 18.9 13.4 20.0



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



#26

2-Nitrophenol

Concen: 42.14 ng

RT: 9.99 min Scan# 1217

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

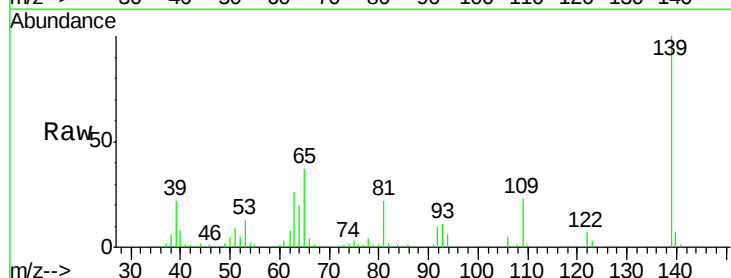
Tgt Ion: 139 Resp: 49026

Ion Ratio Lower Upper

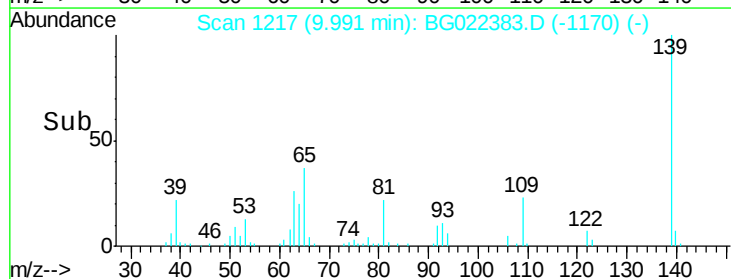
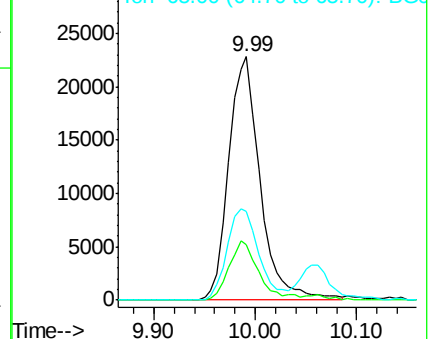
139 100

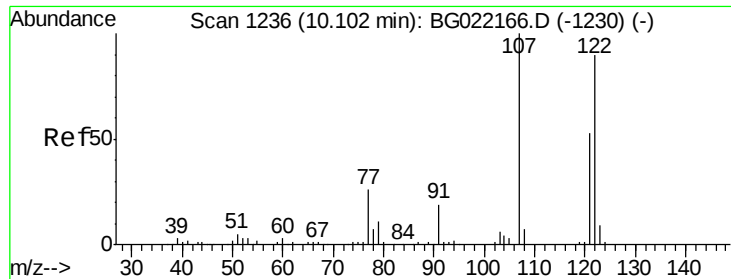
109 22.8 26.6 40.0#

65 36.7 45.3 67.9#



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

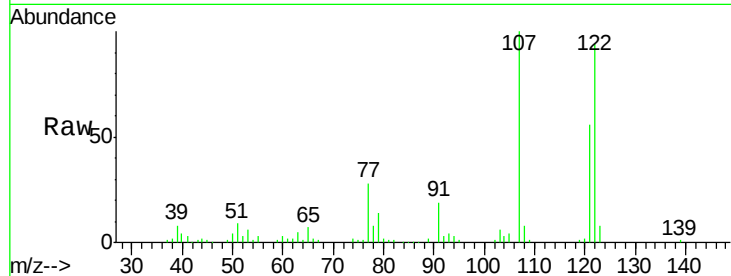




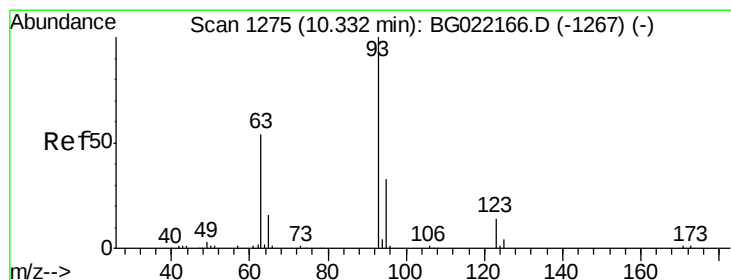
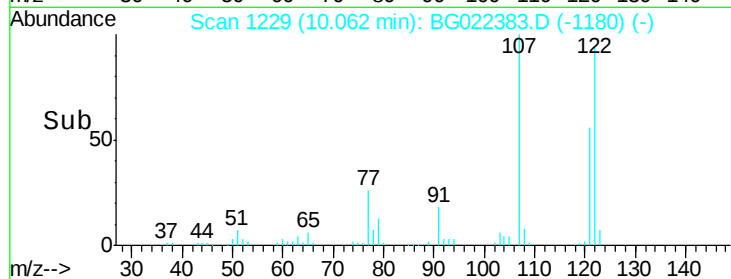
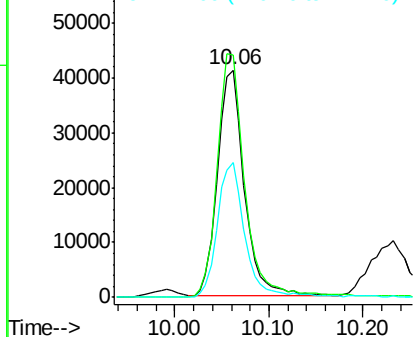
#27
 2,4-Dimethylphenol
 Concen: 39.14 ng
 RT: 10.06 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 82418
 Ion Ratio Lower Upper
 122 100
 107 106.9 97.2 145.8
 121 59.7 49.0 73.4

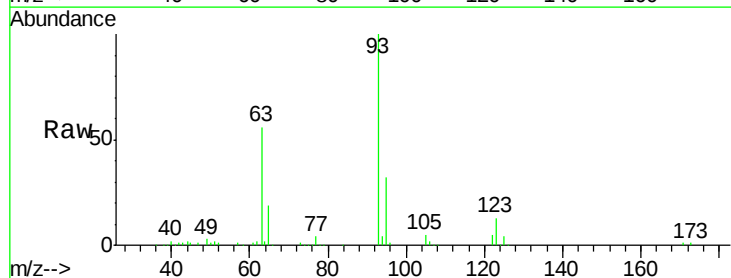


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

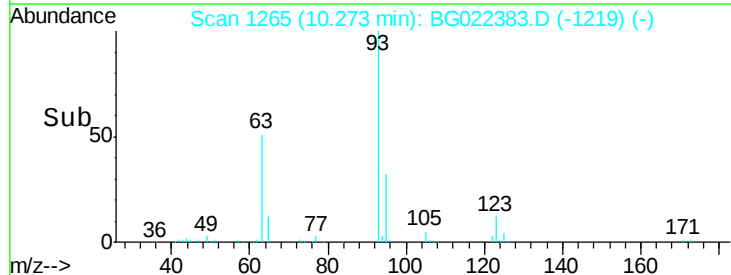
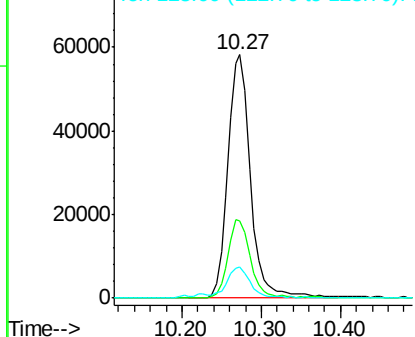


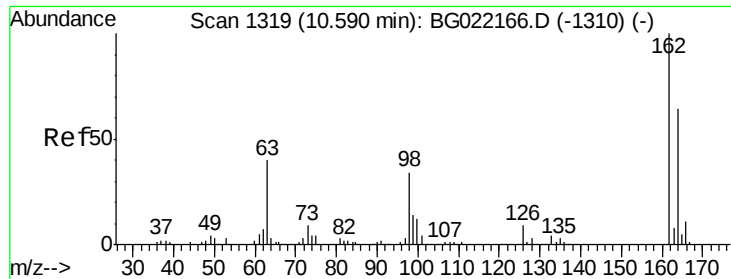
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.17 ng
 RT: 10.27 min Scan# 1265
 Delta R.T. -0.03 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Tgt Ion: 93 Resp: 114863
 Ion Ratio Lower Upper
 93 100
 95 31.8 30.1 45.1
 123 12.6 10.2 15.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

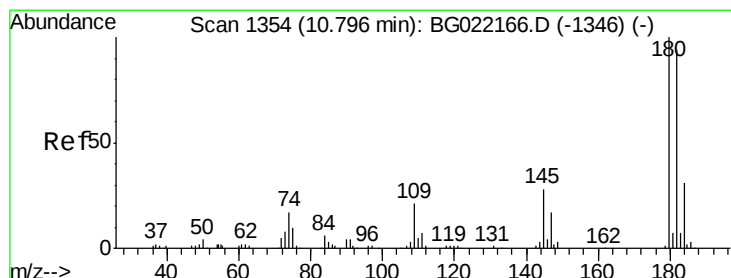
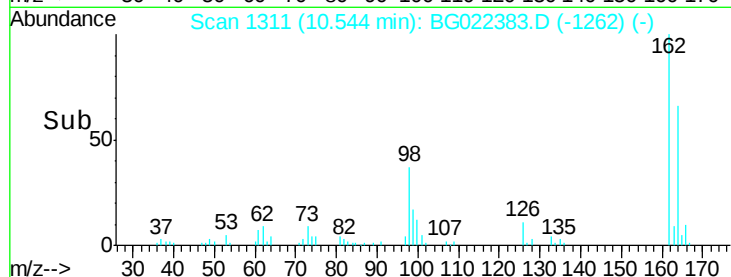
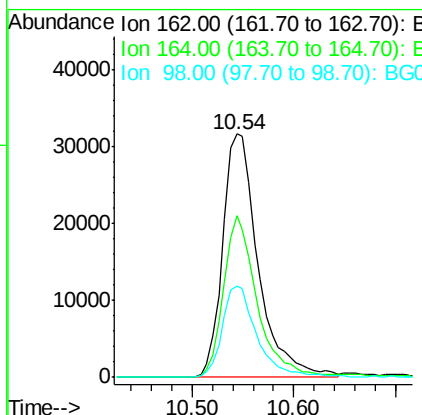
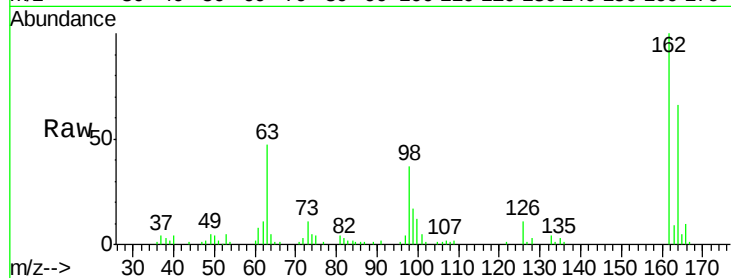




#29
 2,4-Dichlorophenol
 Concen: 39.45 ng
 RT: 10.54 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

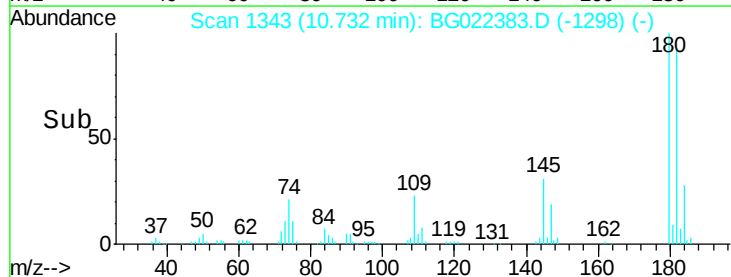
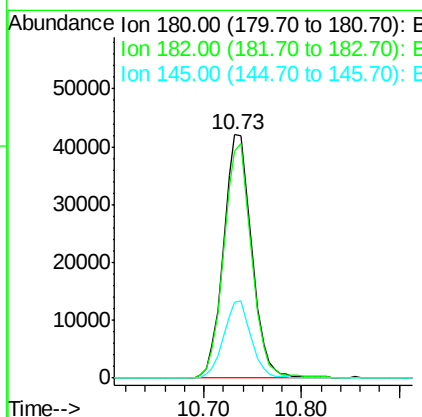
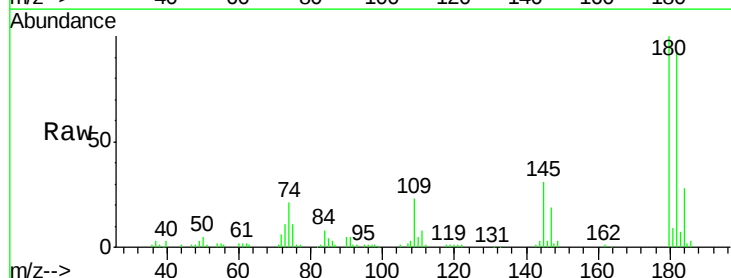
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

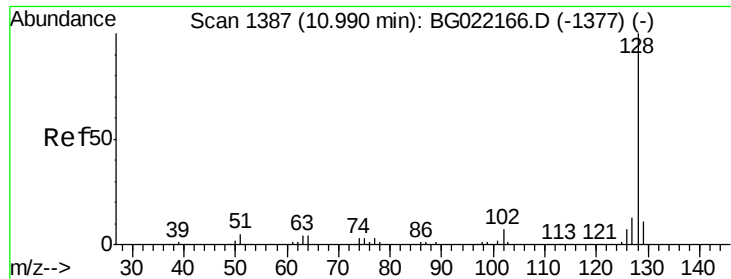
Tot Ion:162 Resp: 76950
 Ion Ratio Lower Upper
 162 100
 164 66.4 44.9 84.9
 98 37.4 19.2 59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 38.69 ng
 RT: 10.73 min Scan# 1343
 Delta R.T. -0.04 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Tgt Ion:180 Resp: 84327
 Ion Ratio Lower Upper
 180 100
 182 93.0 82.3 123.5
 145 31.0 24.4 36.6

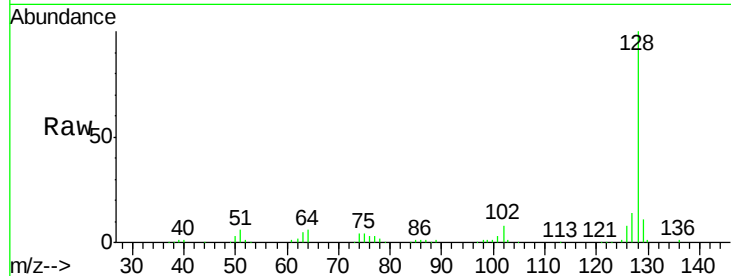




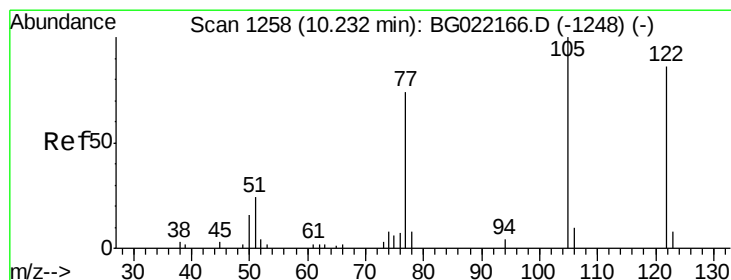
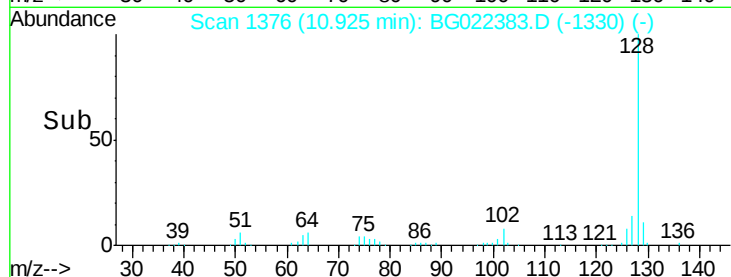
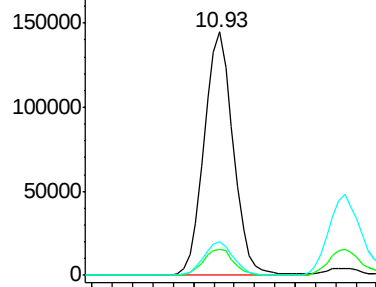
#31
Naphthalene
Concen: 38.90 ng
RT: 10.93 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 288789
Ion Ratio Lower Upper
128 100
129 11.0 7.0 10.6#
127 13.7 10.1 15.1

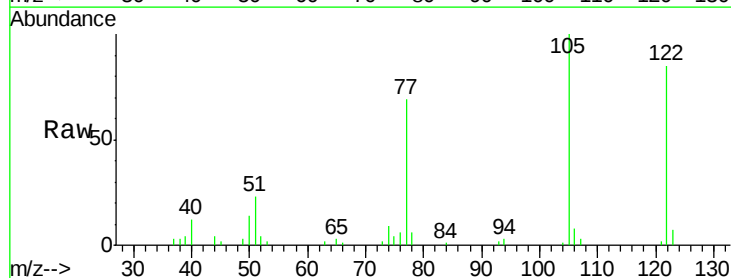


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

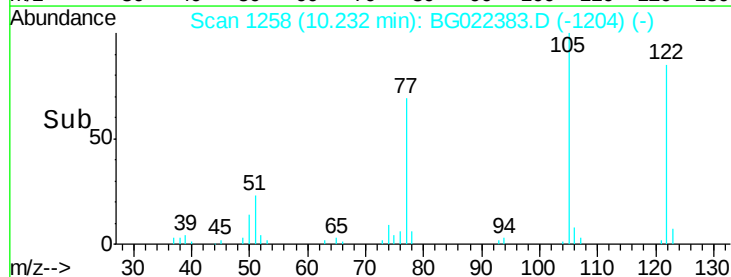
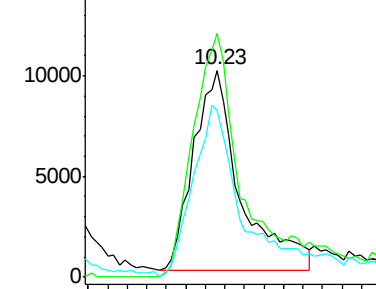


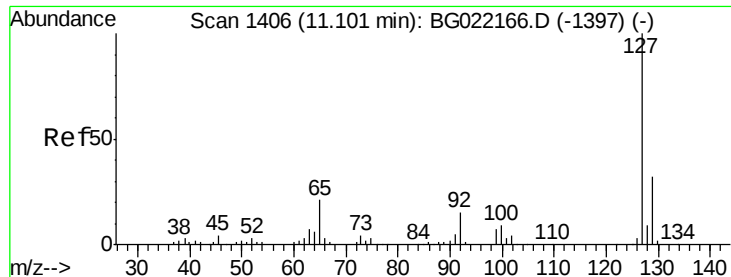
#32
Benzoic acid
Concen: 46.40 ng
RT: 10.23 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Tgt Ion:122 Resp: 33004
Ion Ratio Lower Upper
122 100
105 117.5 104.5 144.5
77 80.8 79.9 119.9



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): BG

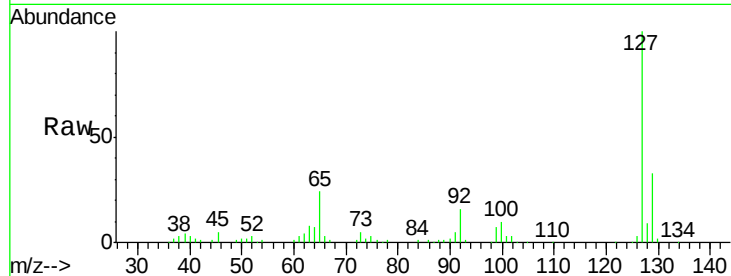




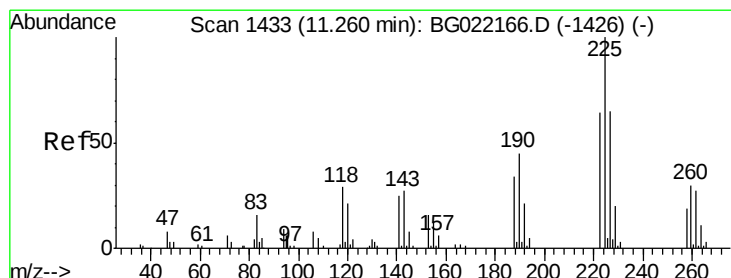
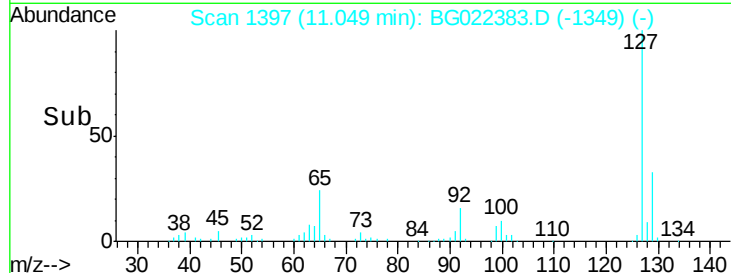
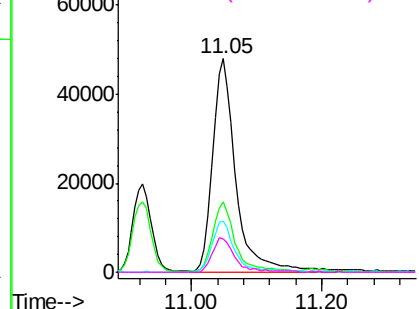
#33
4-Chloroaniline
Concen: 38.85 ng
RT: 11.05 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	119932
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	39.8
65	24.0	27.5	41.3
92	15.6	14.7	22.1

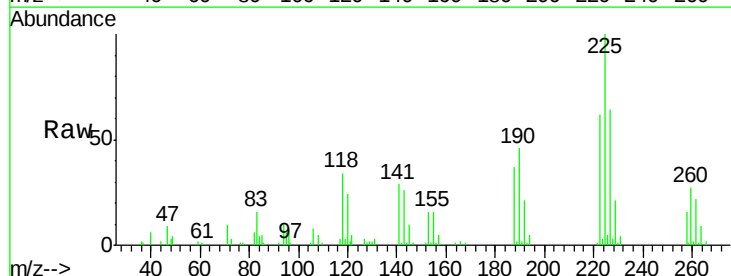


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

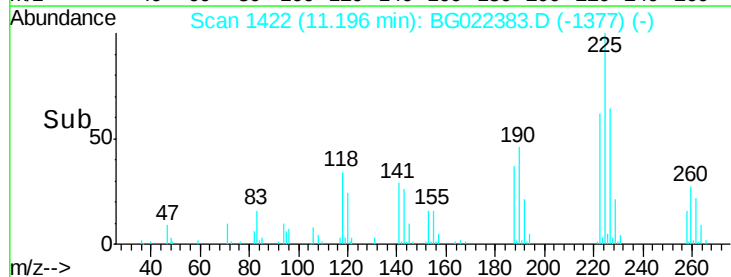
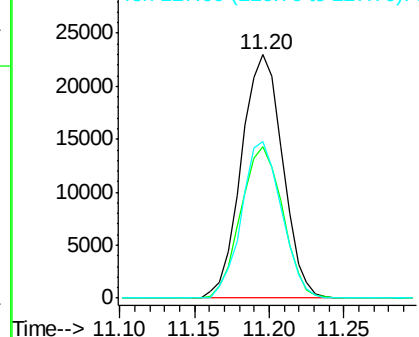


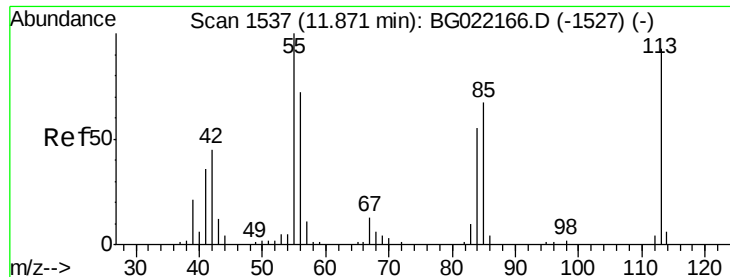
#34
Hexachlorobutadiene
Concen: 37.57 ng
RT: 11.20 min Scan# 1422
Delta R.T. -0.04 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Tgt Ion:	225	Resp:	43958
Ion	Ratio	Lower	Upper
225	100		
223	62.2	52.7	79.1
227	63.4	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

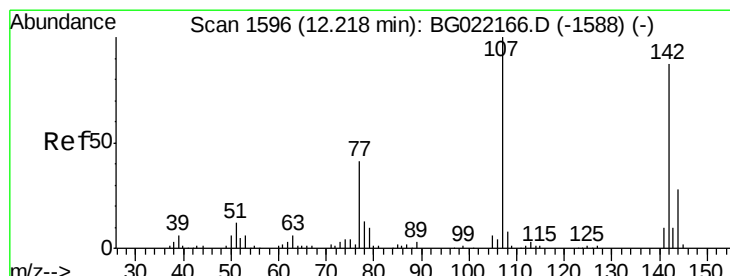
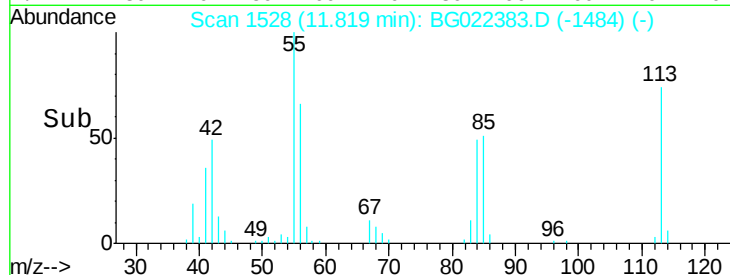
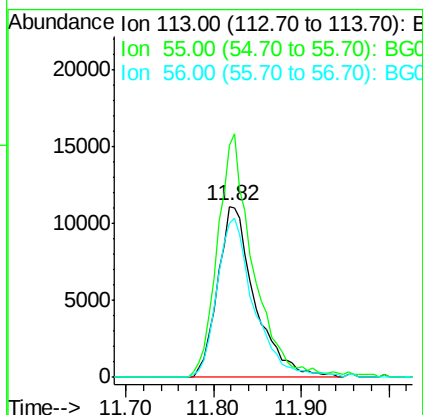
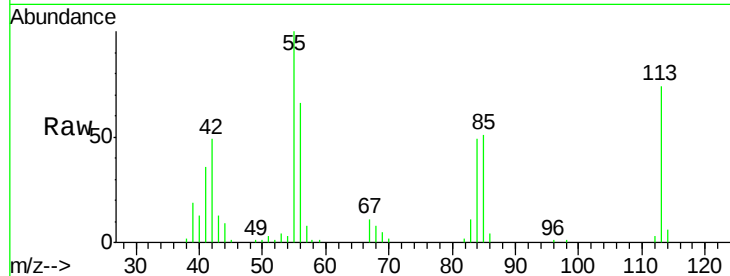




#35
Caprolactam
Concen: 30.42 ng
RT: 11.82 min Scan# 1528
Delta R.T. -0.04 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

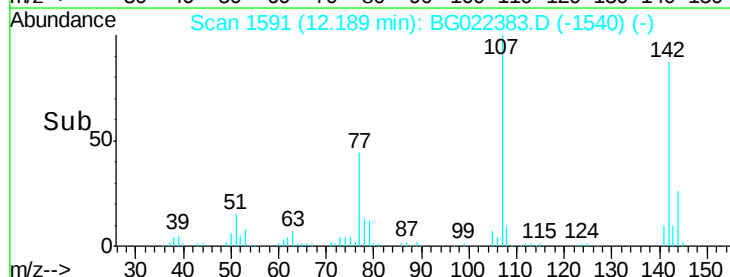
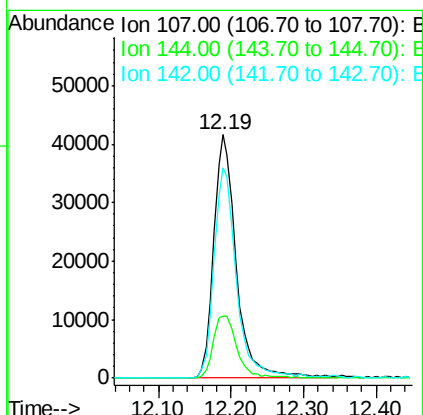
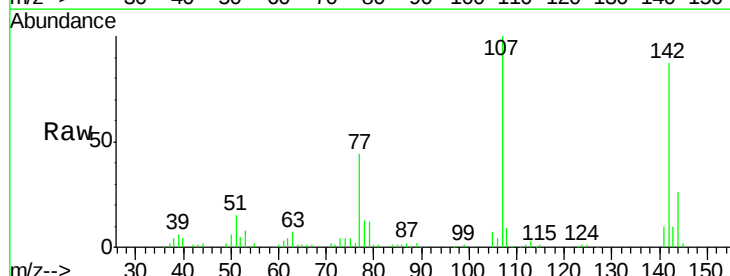
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

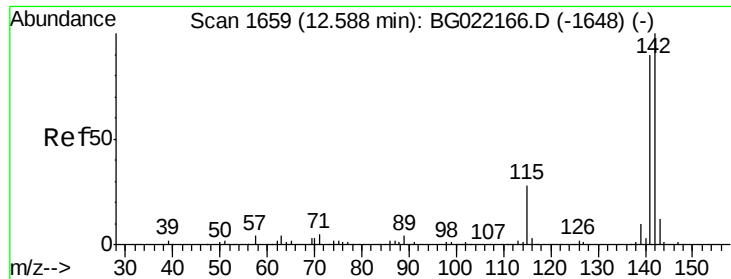
Tot Ion:113 Resp: 32553
Ion Ratio Lower Upper
113 100
55 135.7 194.2 234.2#
56 90.0 122.6 162.6#



#36
4-Chloro-3-methylphenol
Concen: 38.90 ng
RT: 12.19 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Tgt Ion:107 Resp: 89944
Ion Ratio Lower Upper
107 100
144 25.7 19.2 28.8
142 86.6 59.1 88.7

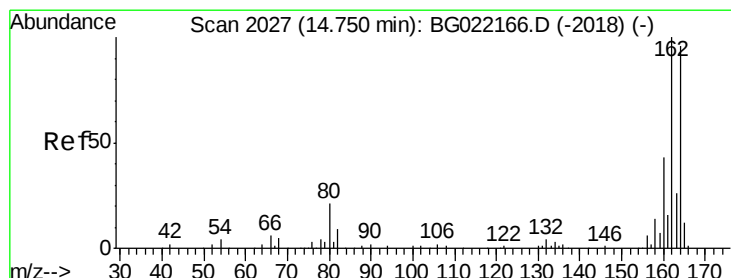
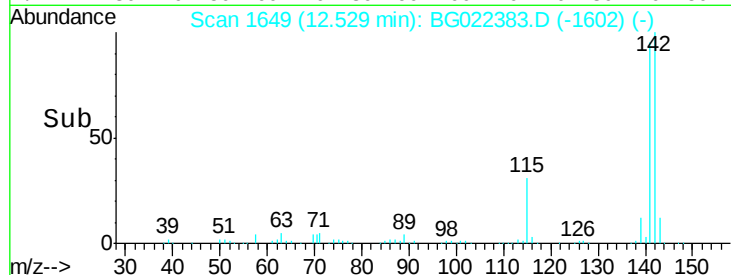
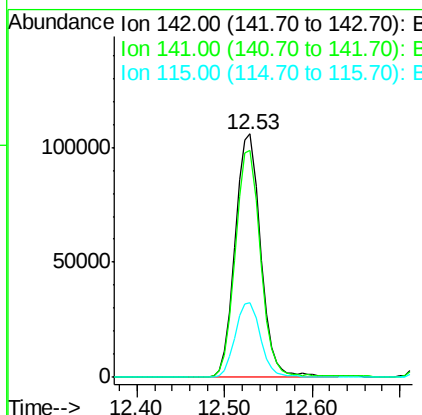
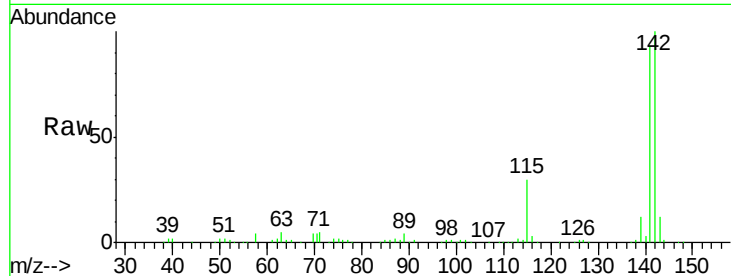




#37
2-Methylnaphthalene
Concen: 38.01 ng
RT: 12.53 min Scan# 1649
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

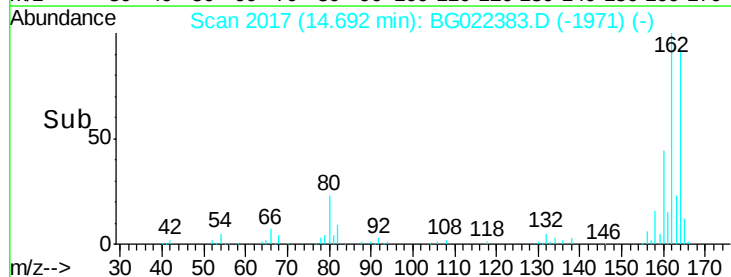
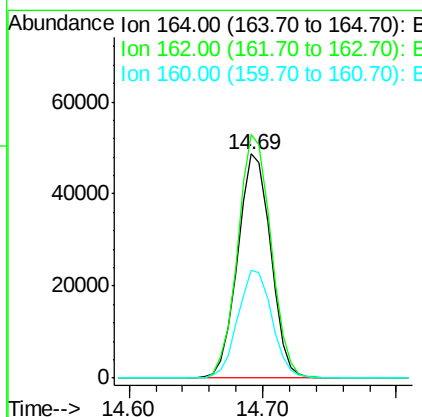
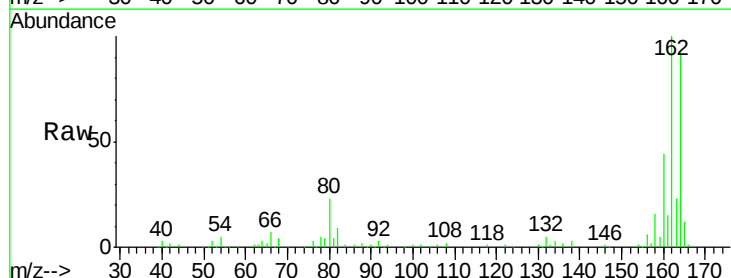
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

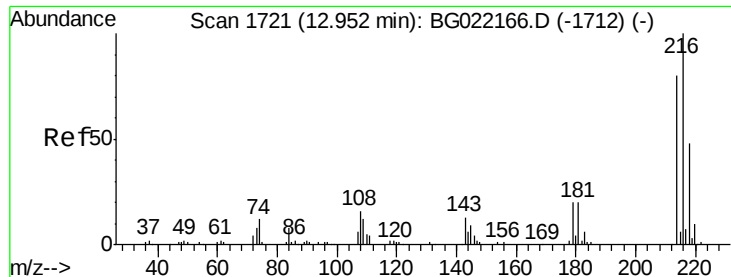
Tot Ion:142 Resp: 208336
Ion Ratio Lower Upper
142 100
141 93.5 71.4 107.0
115 30.4 27.4 41.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 2017
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Tgt Ion:164 Resp: 83294
Ion Ratio Lower Upper
164 100
162 108.7 78.0 117.0
160 48.0 32.9 49.3

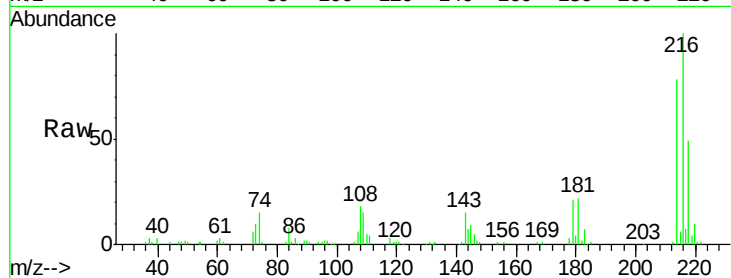




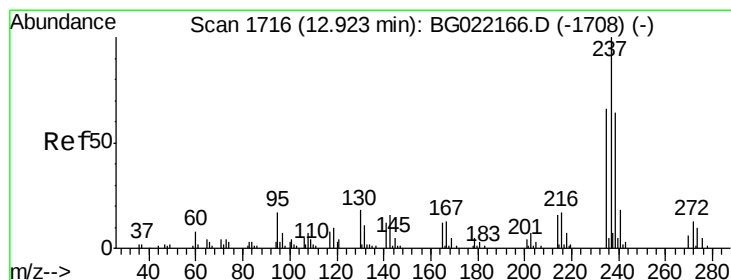
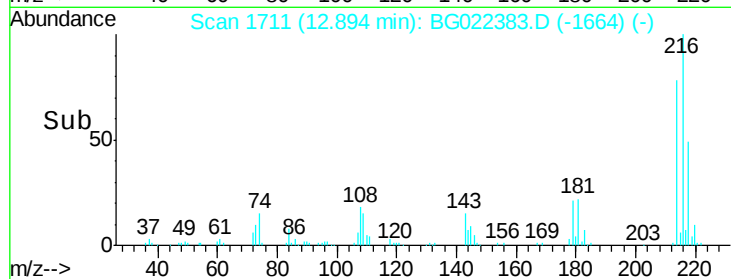
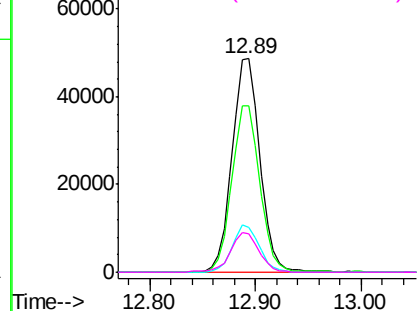
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.27 ng
 RT: 12.89 min Scan# 1711
 Delta R.T. -0.03 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.2	93.2
179	21.4	16.7	25.1
108	19.0	14.0	21.0

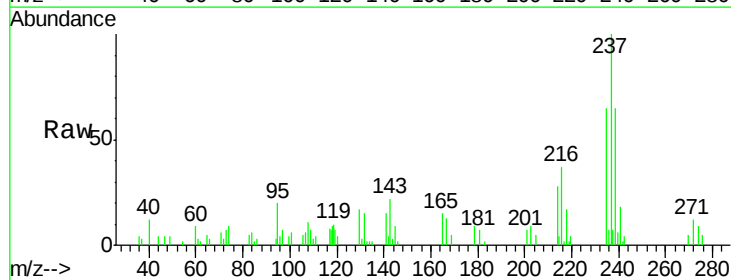


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

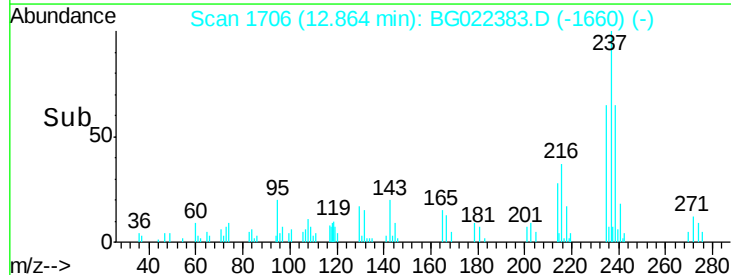
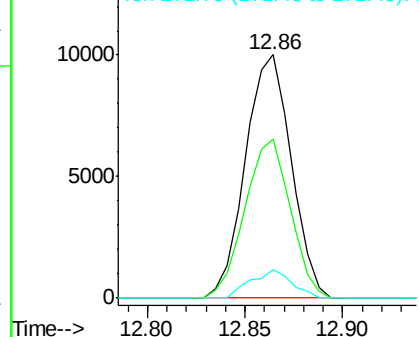


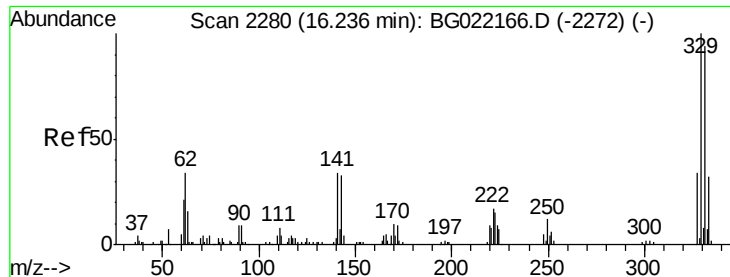
#40
 Hexachlorocyclopentadiene
 Concen: 19.08 ng
 RT: 12.86 min Scan# 1706
 Delta R.T. -0.03 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Tgt Ion	Ratio	Lower	Upper
237	100		
235	71.8	43.2	83.2
272	11.8	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

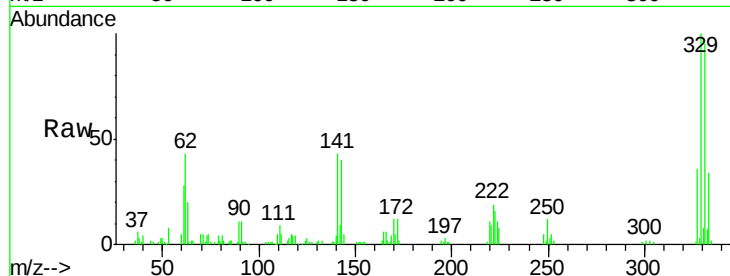




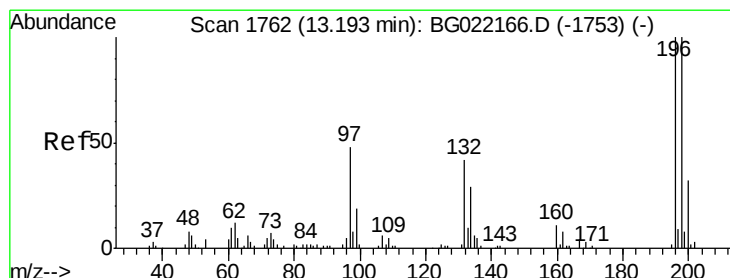
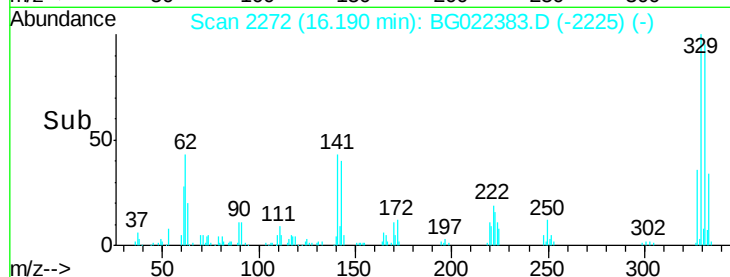
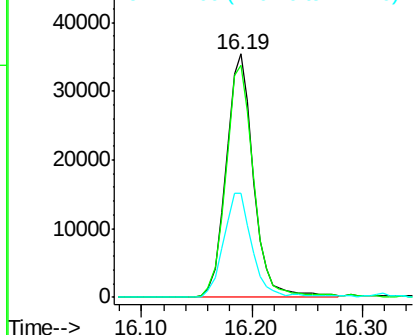
#41
 2,4,6-Tribromophenol
 Concen: 65.37 ng
 RT: 16.19 min Scan# 2272
 Delta R.T. -0.03 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 61521
 Ion Ratio Lower Upper
 330 100
 332 98.2 78.0 117.0
 141 44.5 33.8 50.8

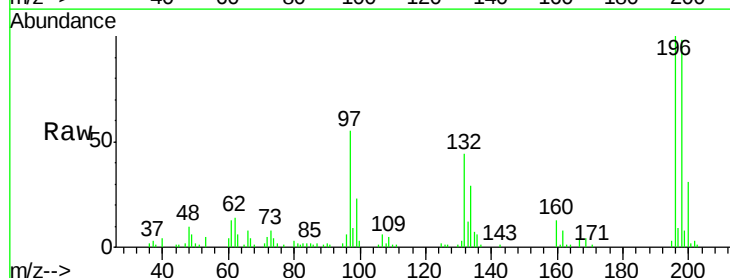


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

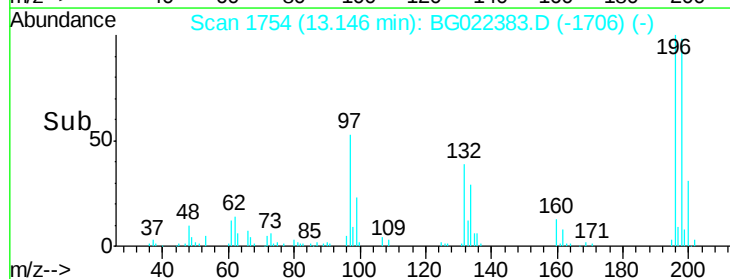
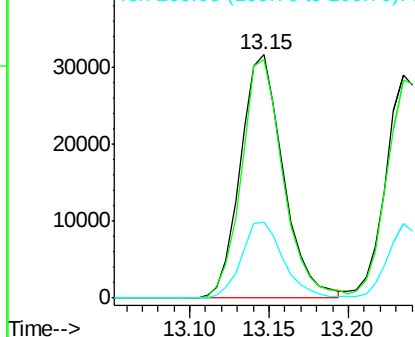


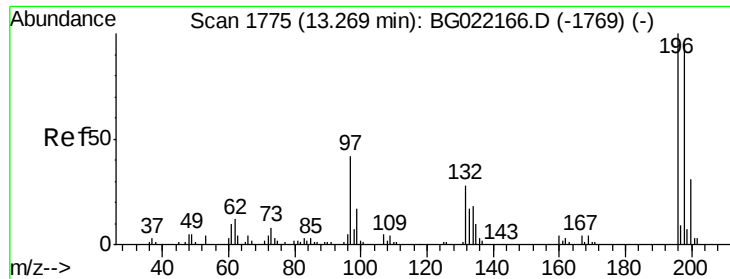
#42
 2,4,6-Trichlorophenol
 Concen: 41.13 ng
 RT: 13.15 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Tgt Ion:196 Resp: 59154
 Ion Ratio Lower Upper
 196 100
 198 98.0 80.1 120.1
 200 31.1 24.1 36.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

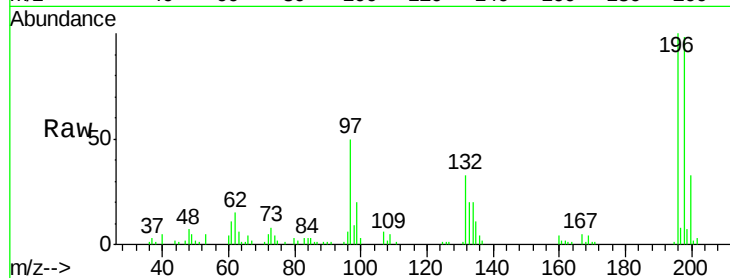




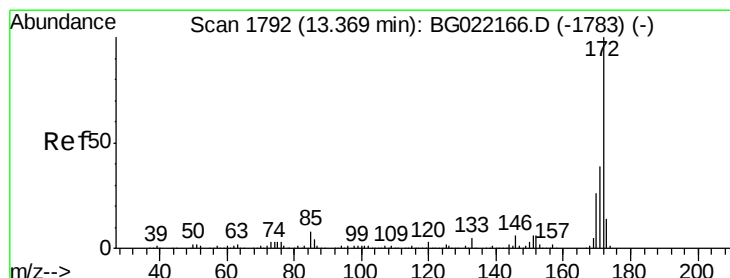
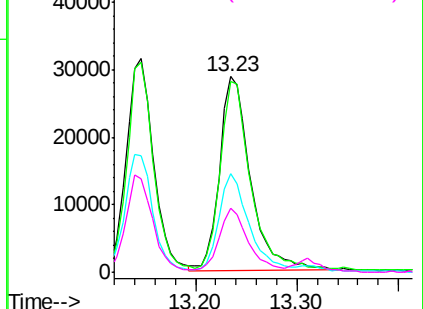
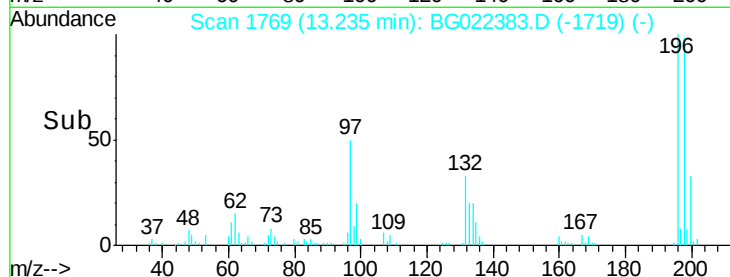
#43
 2,4,5-Trichlorophenol
 Concen: 38.20 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 60700
 Ion Ratio Lower Upper
 196 100
 198 97.6 78.0 117.0
 97 50.5 43.0 64.6
 132 32.9 23.0 34.4

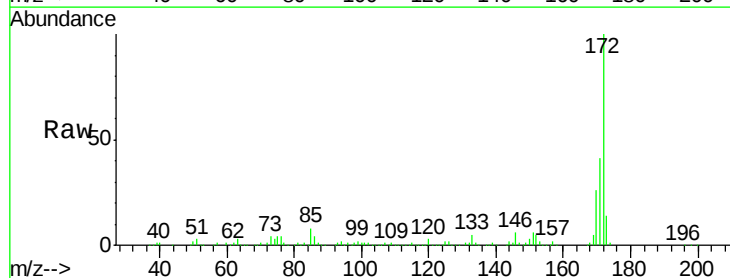


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

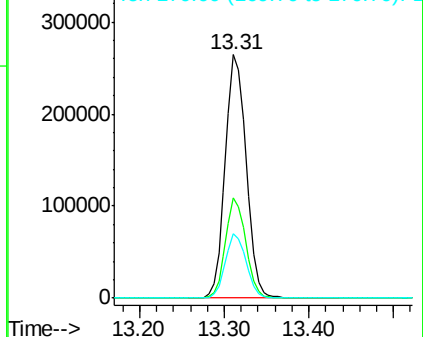
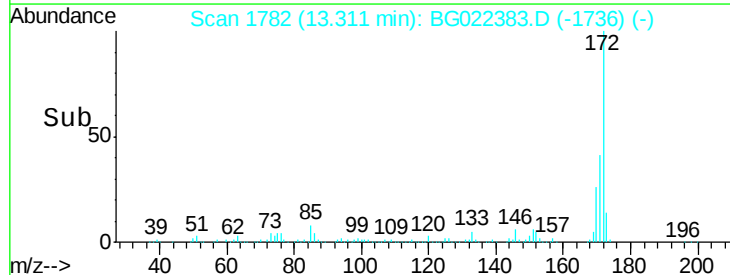


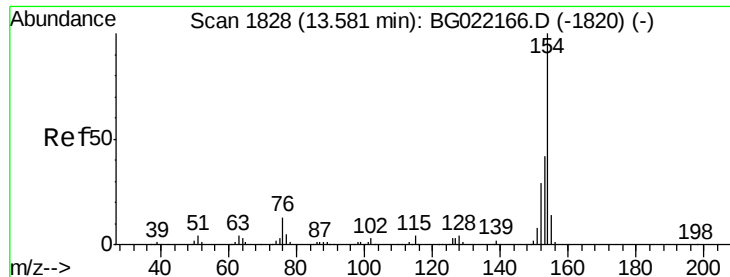
#44
 2-Fluorobiphenyl
 Concen: 82.89 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Tgt Ion:172 Resp: 453064
 Ion Ratio Lower Upper
 172 100
 171 40.9 27.8 41.6
 170 26.3 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

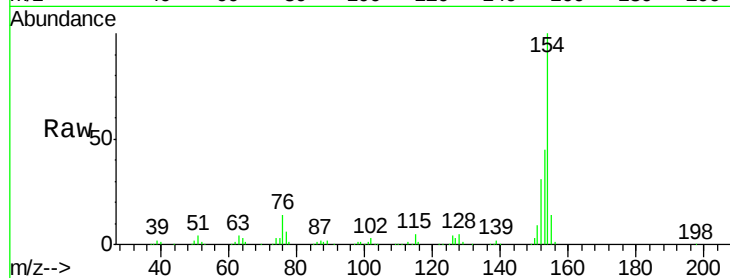




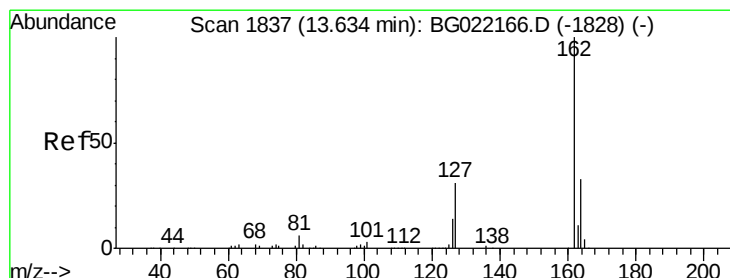
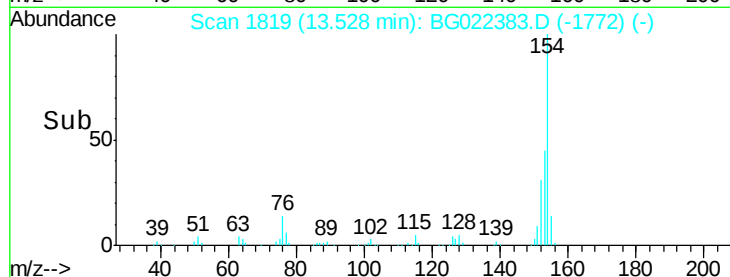
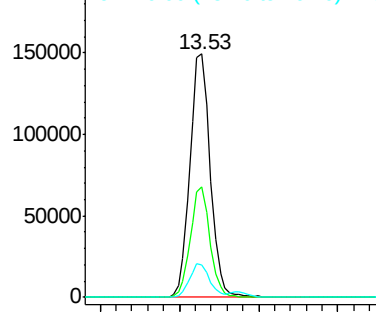
#45
 1,1'-Biphenyl
 Concen: 42.36 ng
 RT: 13.53 min Scan# 1819
 Delta R.T. -0.03 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	45.3	19.7	59.7
76	13.5	0.0	33.0

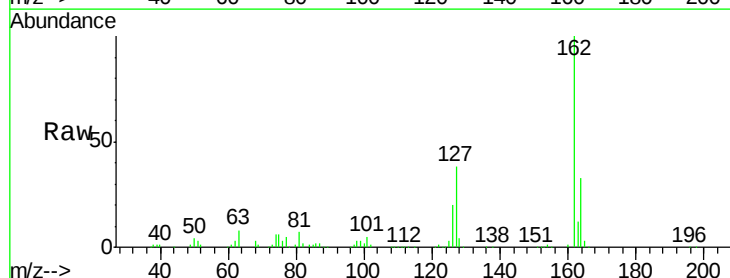


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

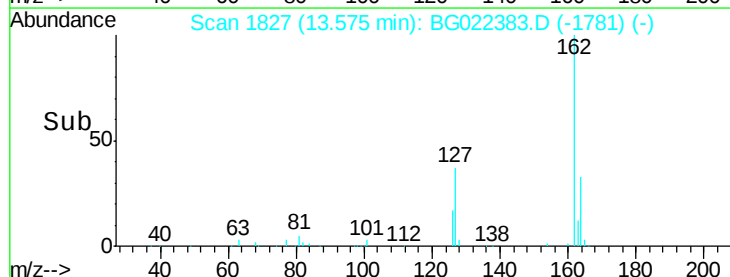
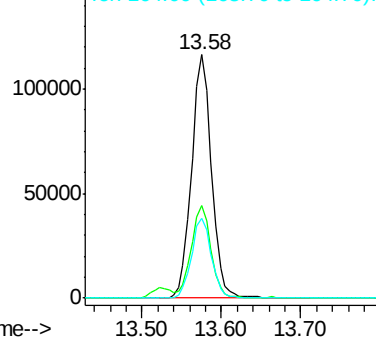


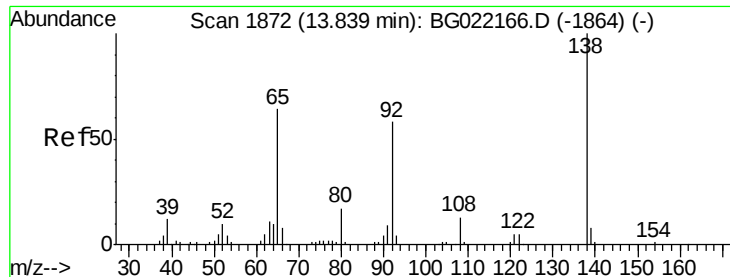
#46
 2-Chloronaphthalene
 Concen: 42.11 ng
 RT: 13.58 min Scan# 1827
 Delta R.T. -0.03 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	32.0	48.0
164	33.0	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.96 ng

RT: 13.79 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

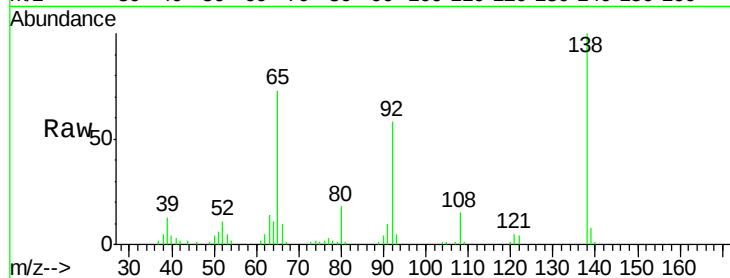
Tot Ion: 65 Resp: 51518

Ion Ratio Lower Upper

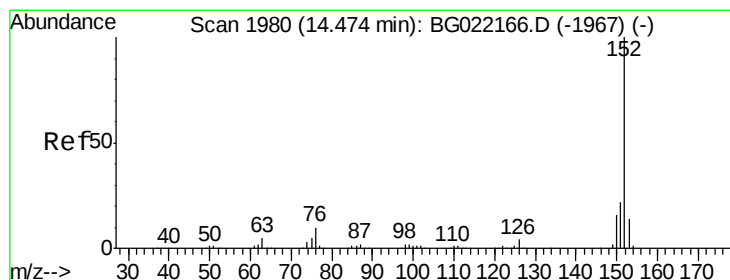
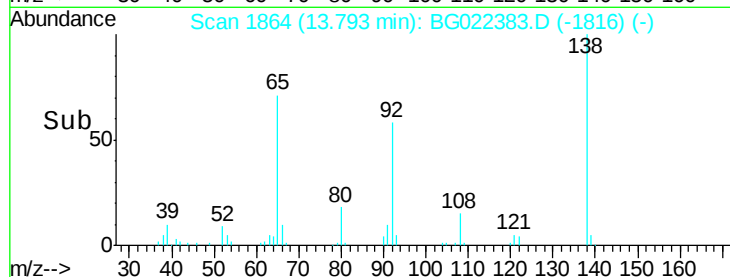
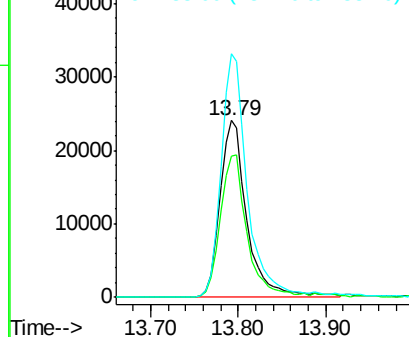
65 100

92 80.2 49.2 73.8#

138 137.9 75.0 112.6#



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



#48

Acenaphthylene

Concen: 39.96 ng

RT: 14.42 min Scan# 1971

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

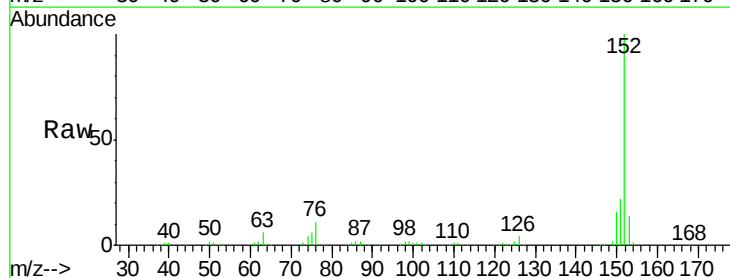
Tgt Ion: 152 Resp: 336881

Ion Ratio Lower Upper

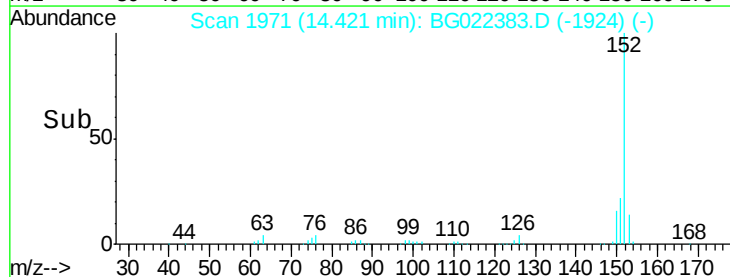
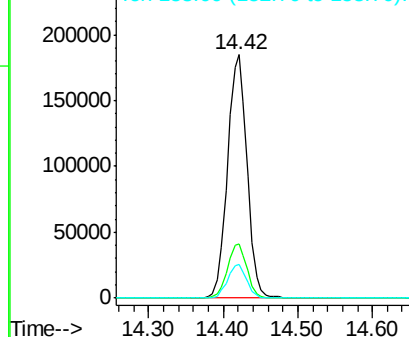
152 100

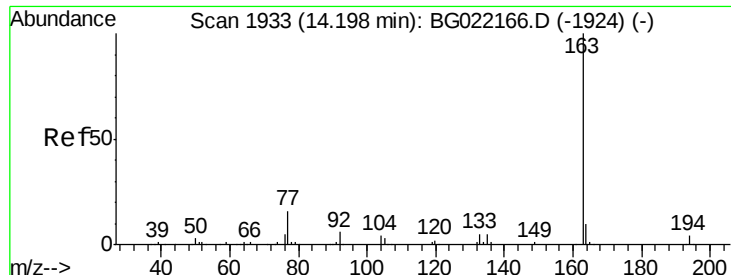
151 22.3 16.6 24.8

153 13.7 10.2 15.2



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





#49

Dimethylphthalate

Concen: 36.48 ng

RT: 14.15 min Scan# 1924

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

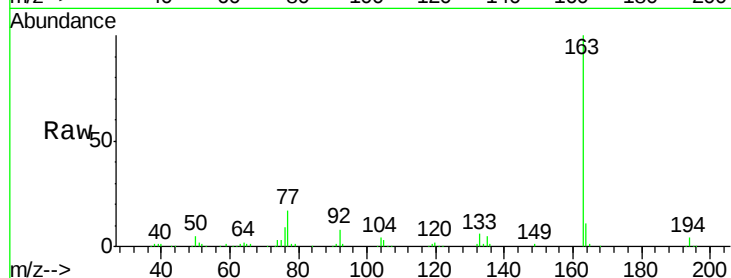
Tot Ion:163 Resp: 251944

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

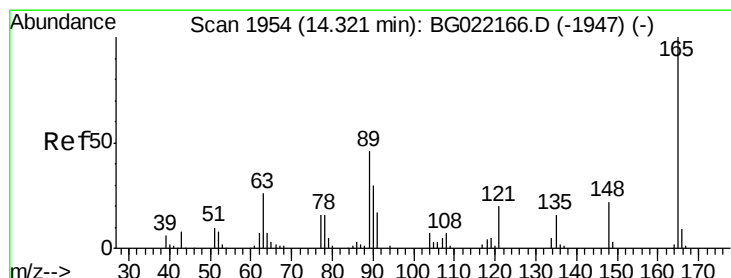
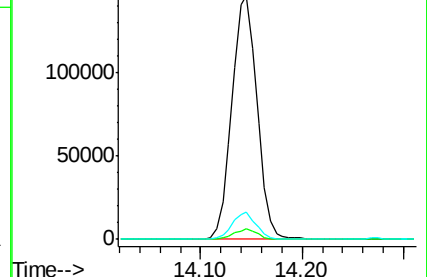
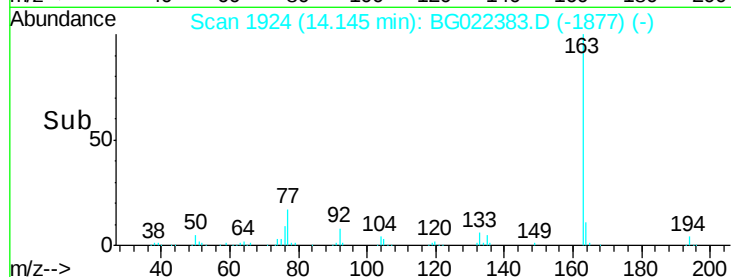
164 11.2 8.1 12.1



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: 38.11 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

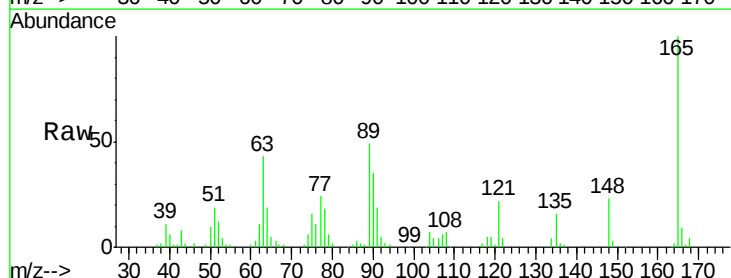
Tgt Ion:165 Resp: 57214

Ion Ratio Lower Upper

165 100

63 42.5 48.2 72.4#

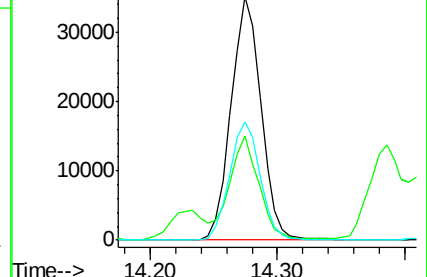
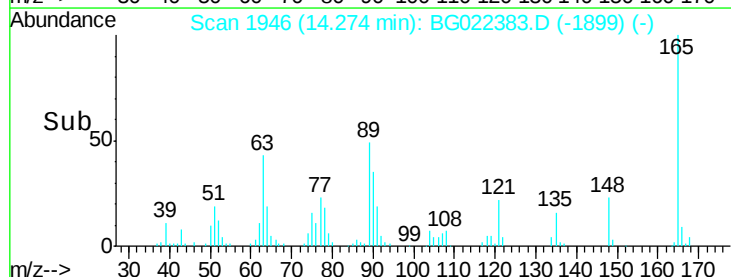
89 48.8 45.3 67.9

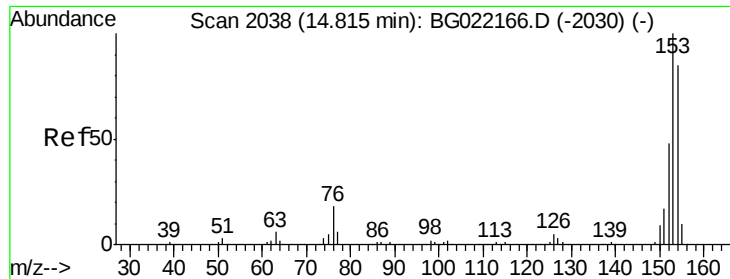


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 39.99 ng

RT: 14.76 min Scan# 2028

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

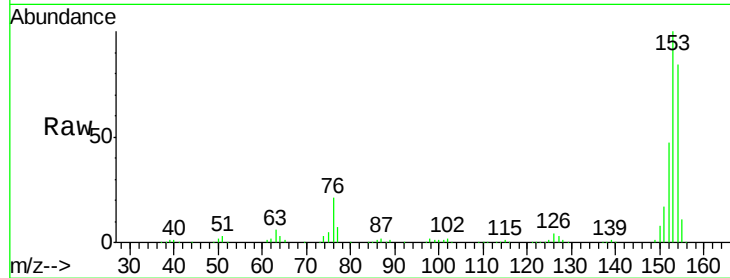
Tot Ion:154 Resp: 202006

Ion Ratio Lower Upper

154 100

153 118.6 91.9 137.9

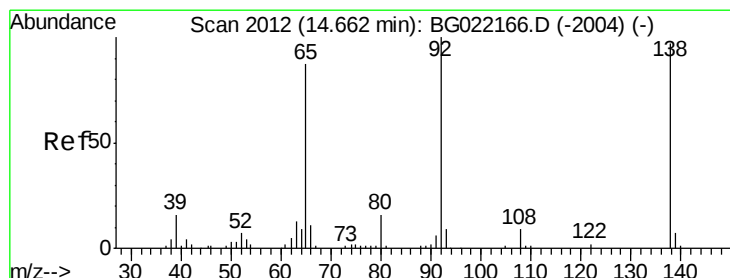
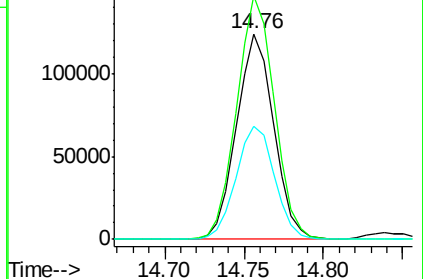
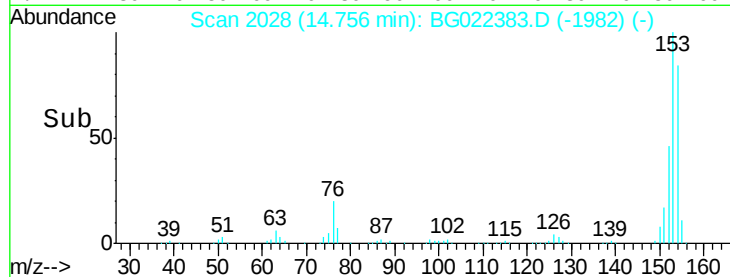
152 55.2 42.0 63.0



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



#52

3-Nitroaniline

Concen: 35.77 ng

RT: 14.62 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

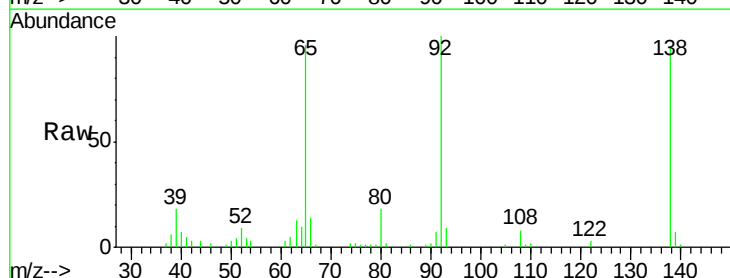
Tgt Ion:138 Resp: 59563

Ion Ratio Lower Upper

138 100

108 8.6 9.1 13.7#

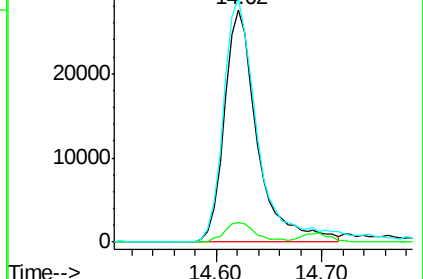
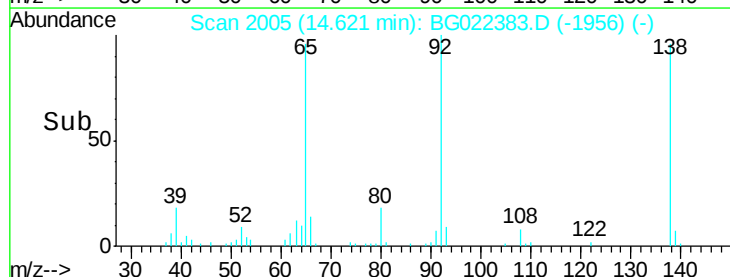
92 104.8 102.6 154.0

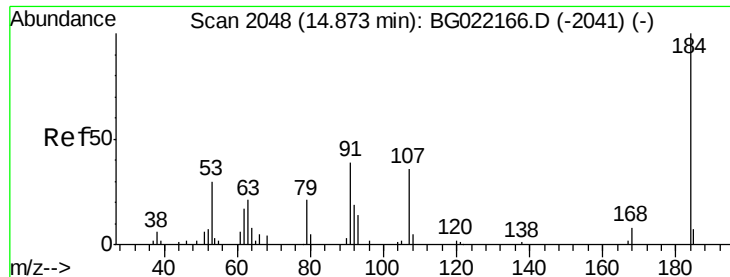


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

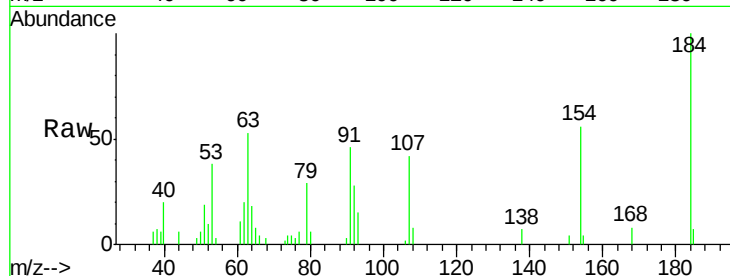




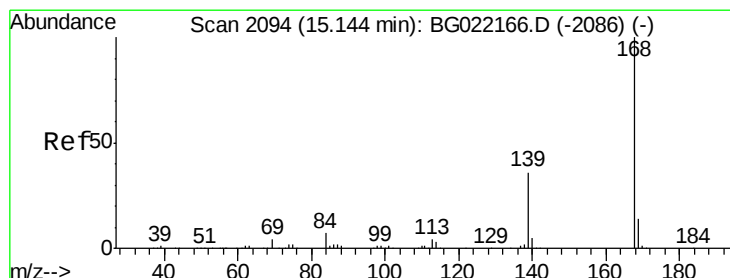
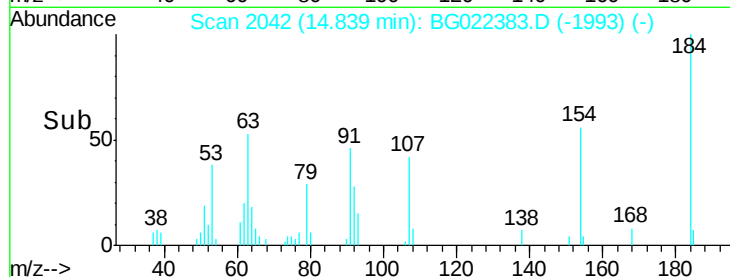
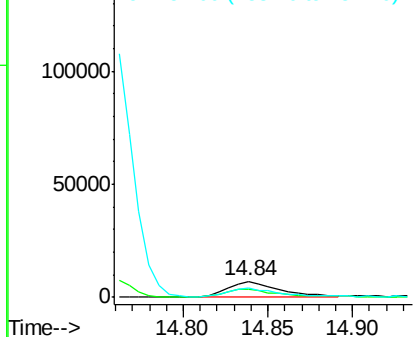
#53
 2,4-Dinitrophenol
 Concen: 32.09 ng
 RT: 14.84 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 15026
 Ion Ratio Lower Upper
 184 100
 63 53.2 57.3 85.9#
 154 56.5 55.2 82.8

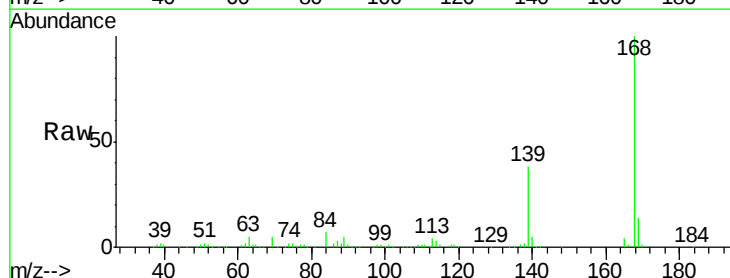


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

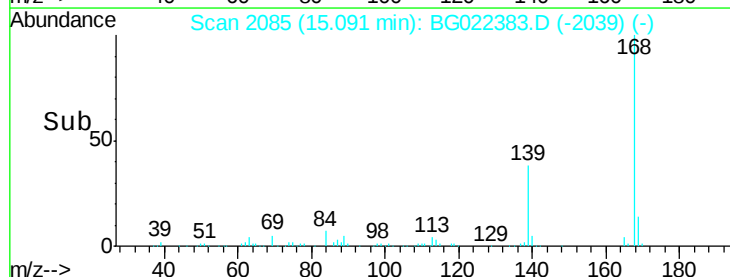
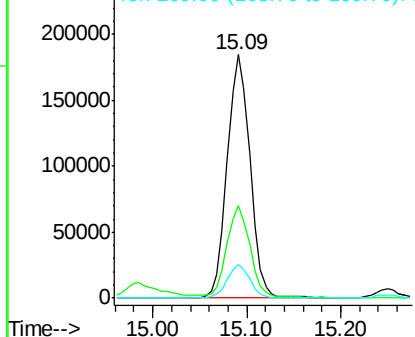


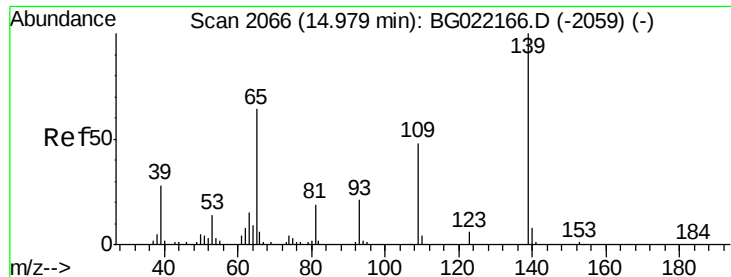
#54
 Dibenzofuran
 Concen: 39.68 ng
 RT: 15.09 min Scan# 2085
 Delta R.T. -0.03 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Tgt Ion:168 Resp: 312827
 Ion Ratio Lower Upper
 168 100
 139 38.2 31.1 46.7
 169 13.8 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

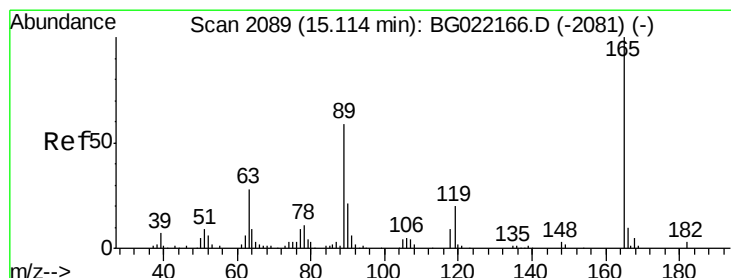
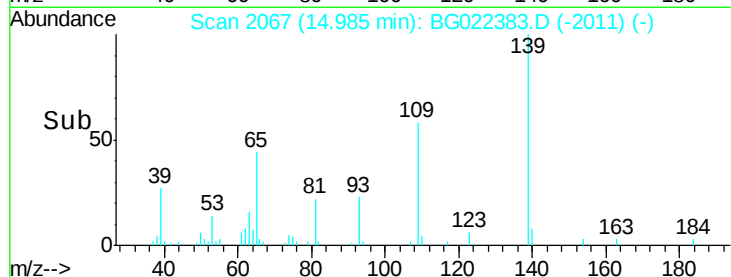
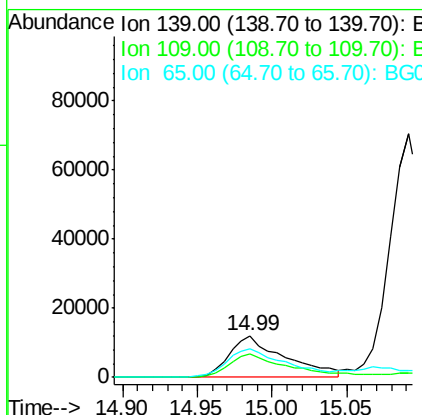
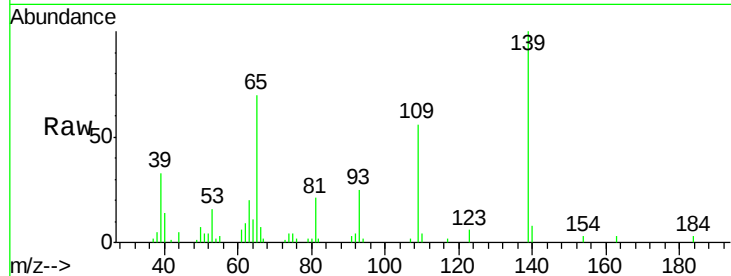




#55
4-Nitrophenol
Concen: 26.89 ng
RT: 14.99 min Scan# 2067
Delta R.T. 0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

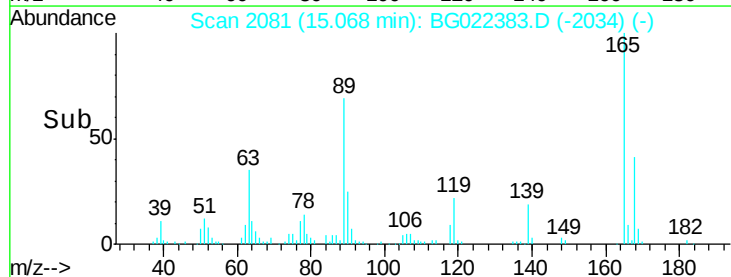
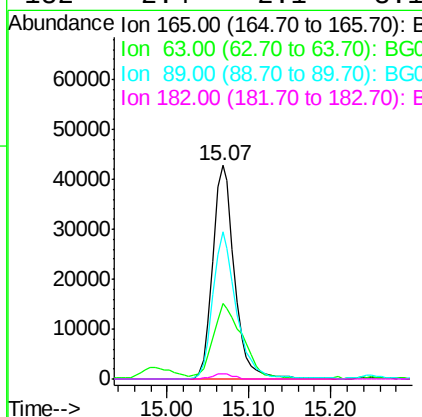
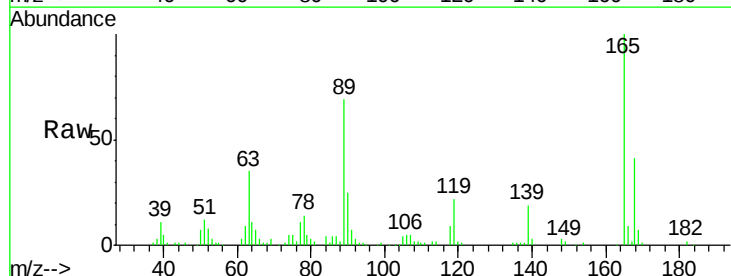
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

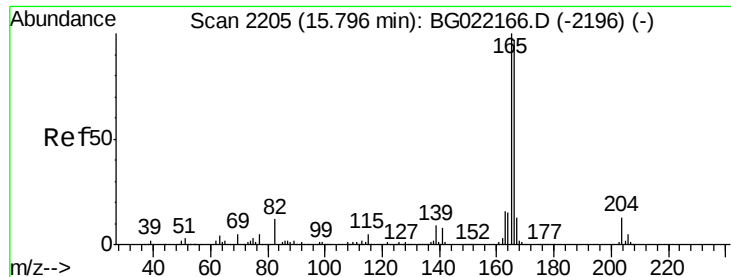
Tot Ion:139 Resp: 30899
Ion Ratio Lower Upper
139 100
109 55.9 49.2 89.2
65 69.7 83.2 123.2#



#56
2,4-Dinitrotoluene
Concen: 39.48 ng
RT: 15.07 min Scan# 2081
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Tgt Ion:165 Resp: 79500
Ion Ratio Lower Upper
165 100
63 35.1 37.4 56.0#
89 68.9 59.4 89.0
182 2.4 2.1 3.1





#57

Fluorene

Concen: 38.05 ng

RT: 15.74 min Scan# 2195

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

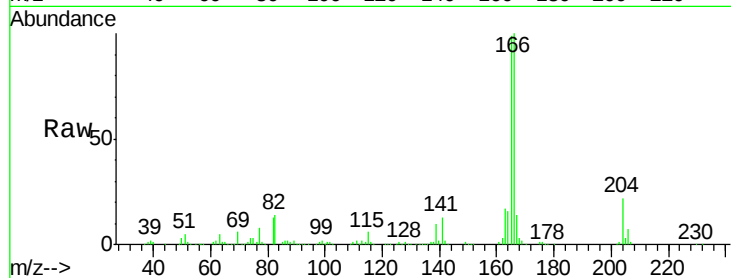
Tot Ion:166 Resp: 258388

Ion Ratio Lower Upper

166 100

165 98.9 79.0 118.4

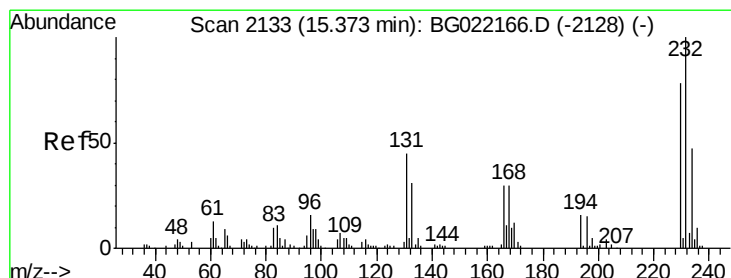
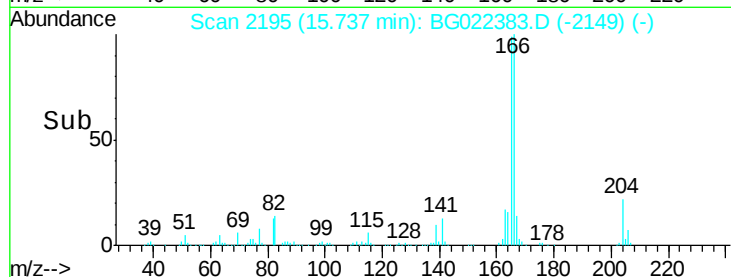
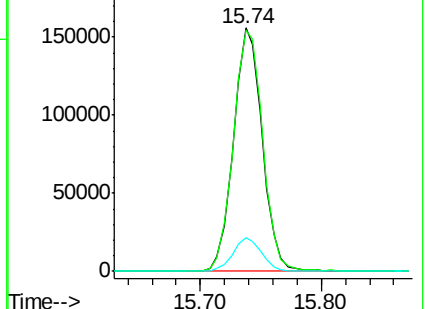
167 13.8 10.7 16.1



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: 37.75 ng

RT: 15.33 min Scan# 2126

Delta R.T. -0.02 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Tgt Ion:232 Resp: 53810

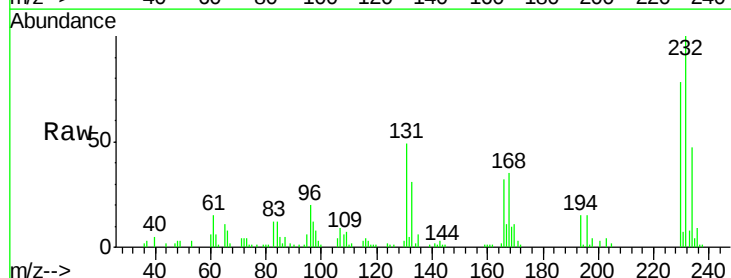
Ion Ratio Lower Upper

232 100

131 50.5 36.3 54.5

130 2.5 1.9 2.9

166 30.6 25.0 37.4

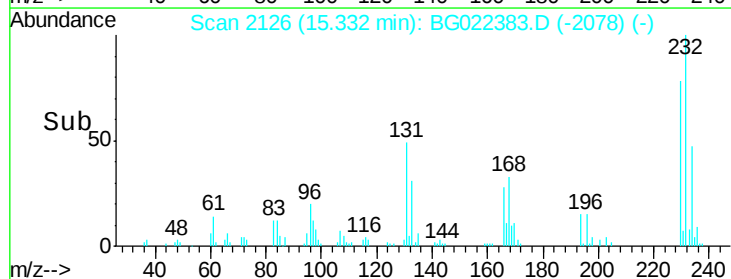
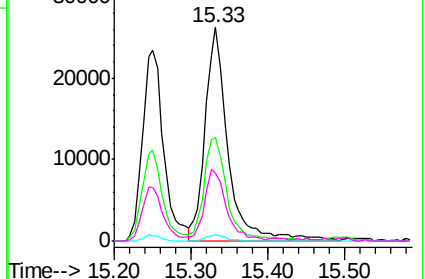


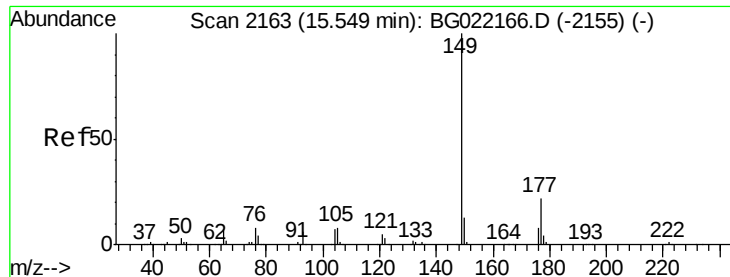
Abundance Ion 232.00 (231.70 to 232.70): E

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

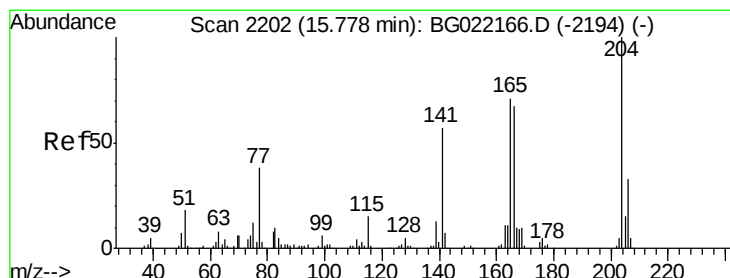
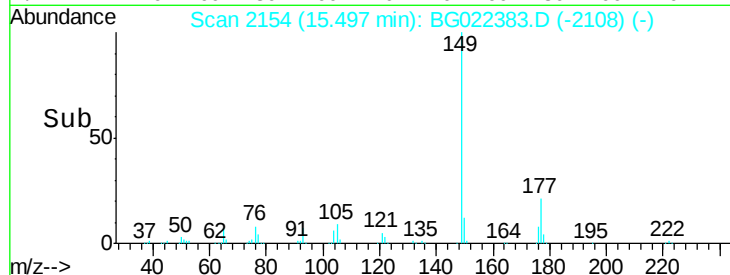
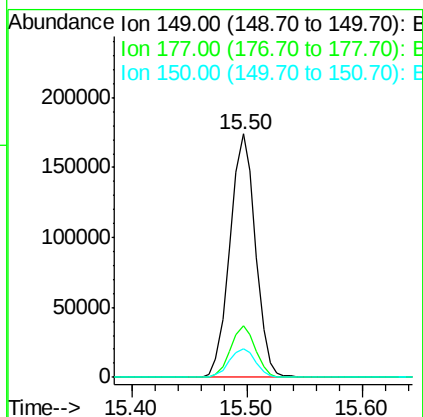
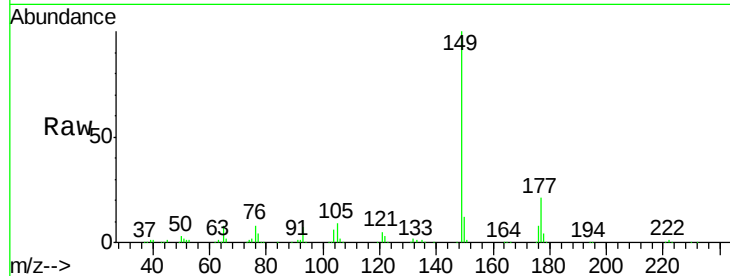




#59
Diethylphthalate
Concen: 36.20 ng
RT: 15.50 min Scan# 2154
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

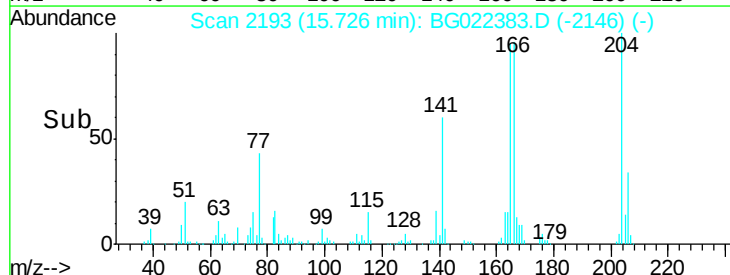
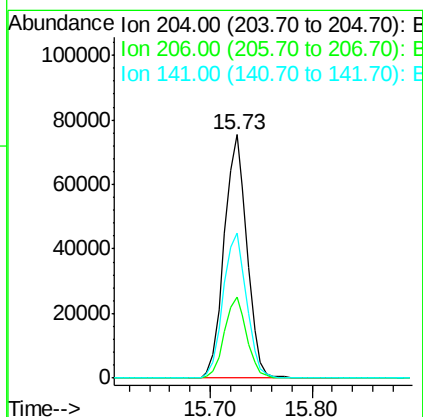
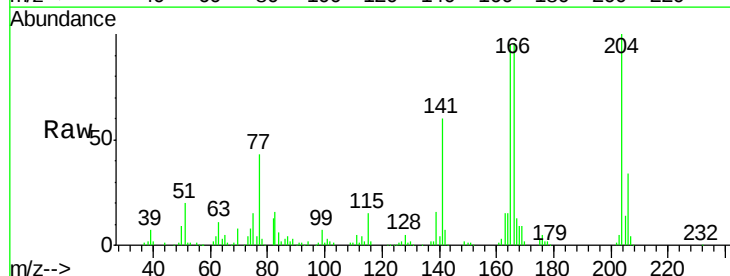
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

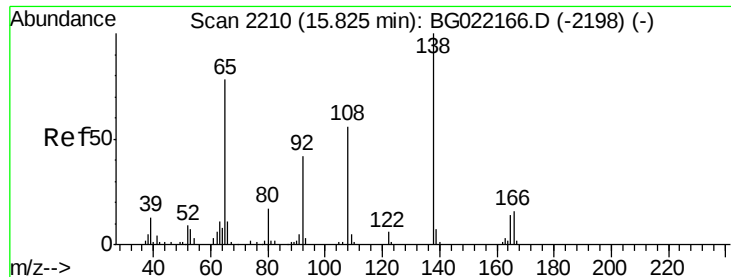
Tot Ion:149 Resp: 267056
Ion Ratio Lower Upper
149 100
177 21.3 17.3 25.9
150 11.7 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 38.07 ng
RT: 15.73 min Scan# 2193
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Tgt Ion:204 Resp: 117085
Ion Ratio Lower Upper
204 100
206 33.5 27.8 41.8
141 59.7 51.0 76.4





#61

4-Nitroaniline

Concen: 27.93 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

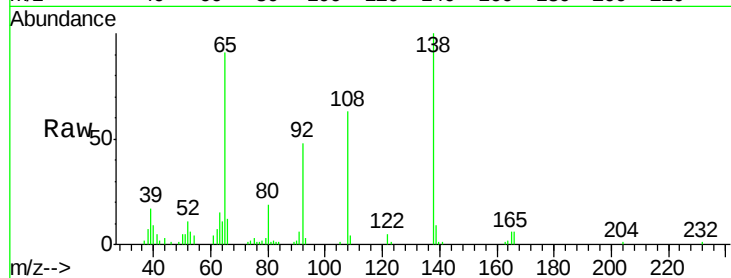
Tot Ion:138 Resp: 49323

Ion Ratio Lower Upper

138 100

92 47.9 37.7 77.7

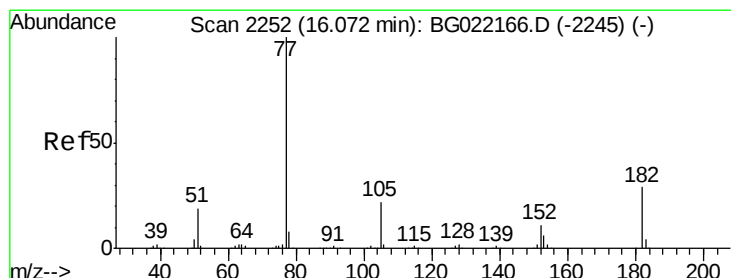
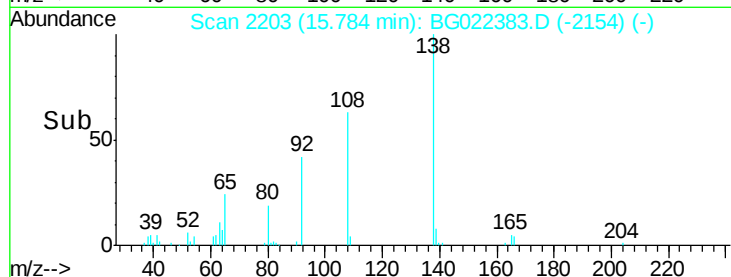
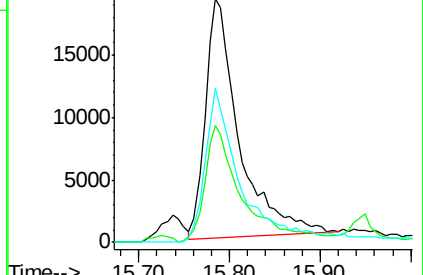
108 63.0 59.4 99.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.37 ng

RT: 16.02 min Scan# 2243

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Tgt Ion: 77 Resp: 236711

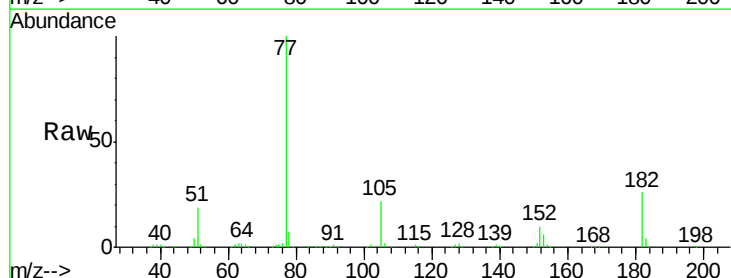
Ion Ratio Lower Upper

77 100

182 25.7 4.1 44.1

105 22.0 0.0 39.8

51 18.6 11.1 51.1

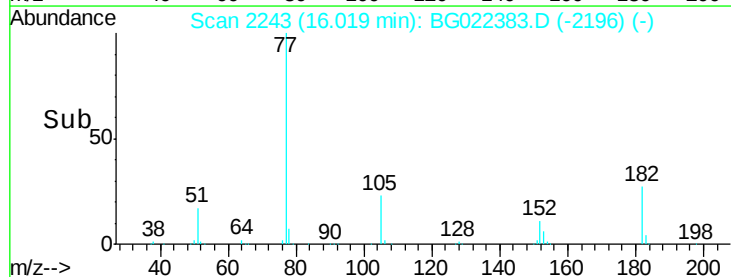
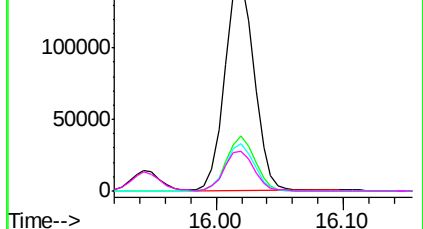


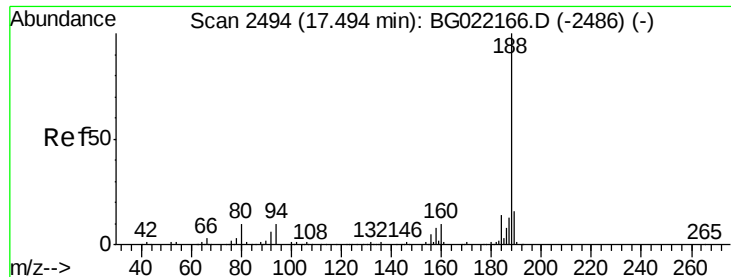
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.44 min Scan# 2485

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

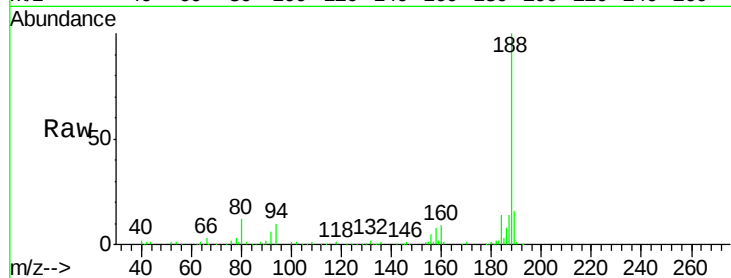
Tot Ion:188 Resp: 173647

Ion Ratio Lower Upper

188 100

94 10.5 7.5 11.3

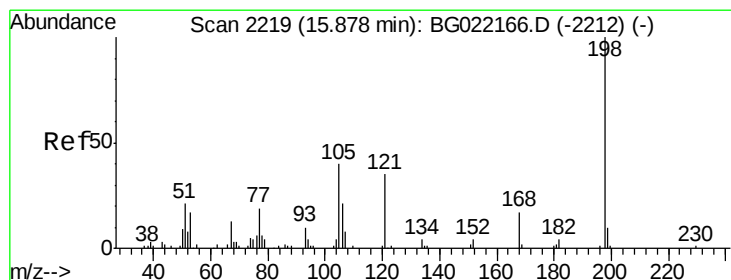
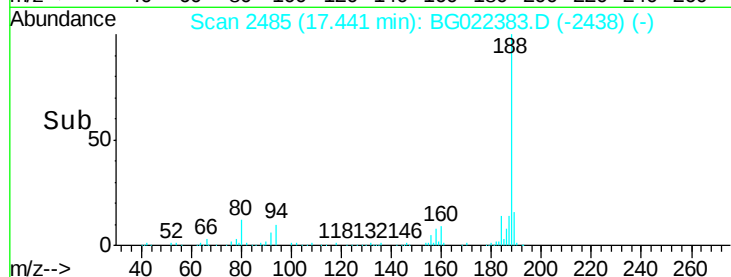
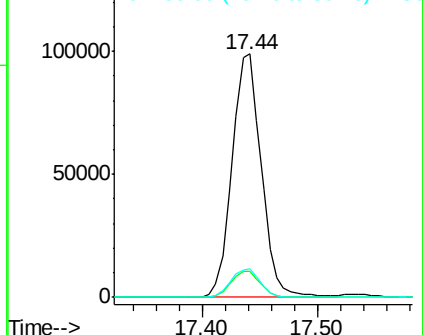
80 11.7 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 40.03 ng

RT: 15.84 min Scan# 2212

Delta R.T. -0.02 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

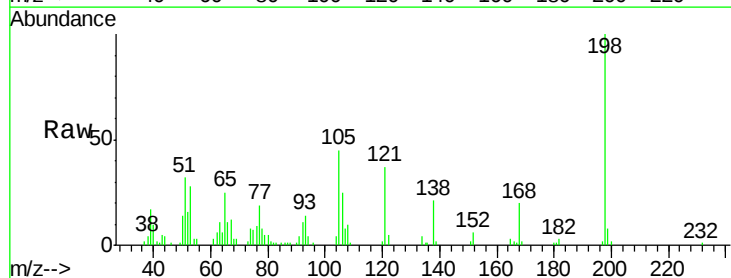
Tgt Ion:198 Resp: 34345

Ion Ratio Lower Upper

198 100

51 32.2 29.2 69.2

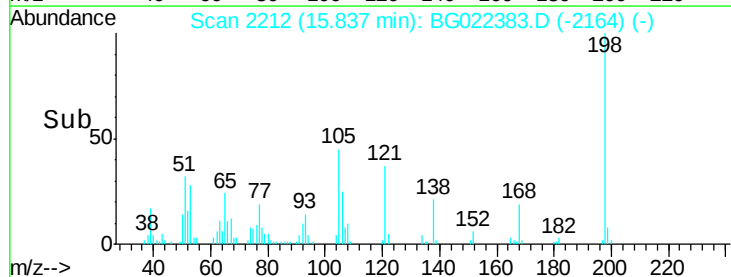
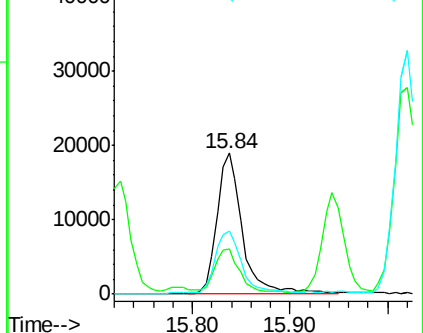
105 45.2 24.0 64.0

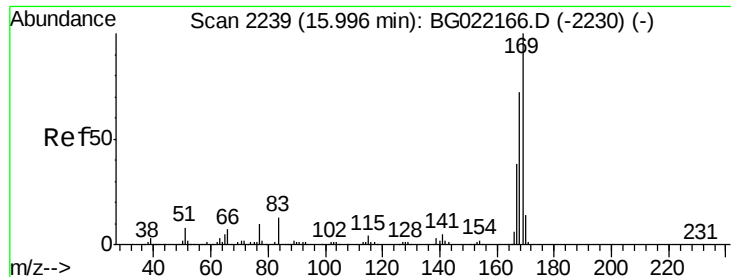


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

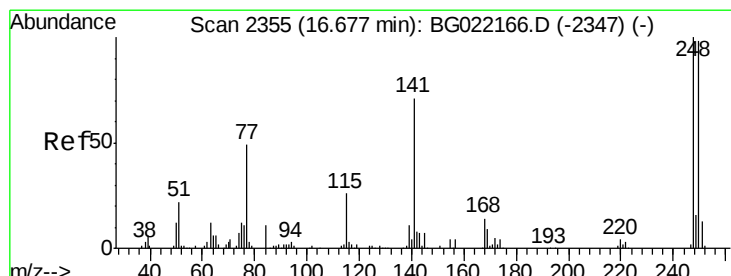
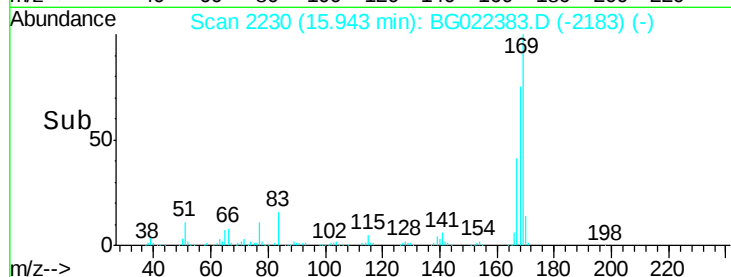
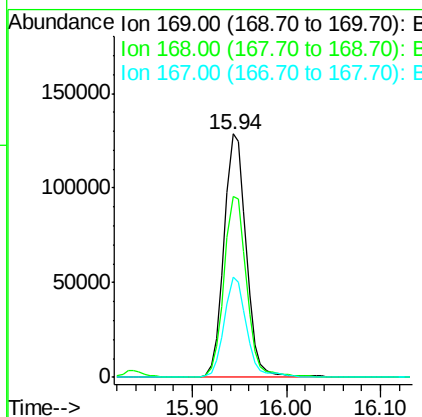
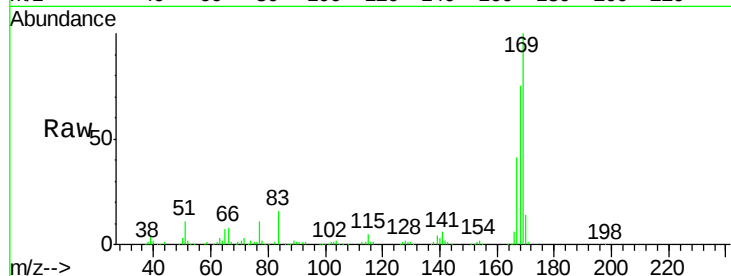




#65
n-Nitrosodiphenylamine
Concen: 42.50 ng
RT: 15.94 min Scan# 2230
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

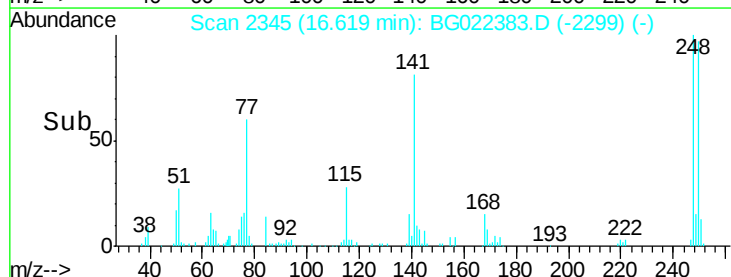
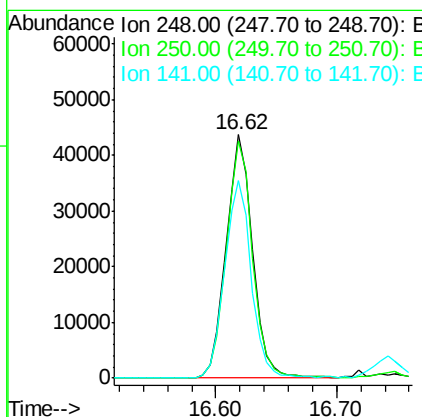
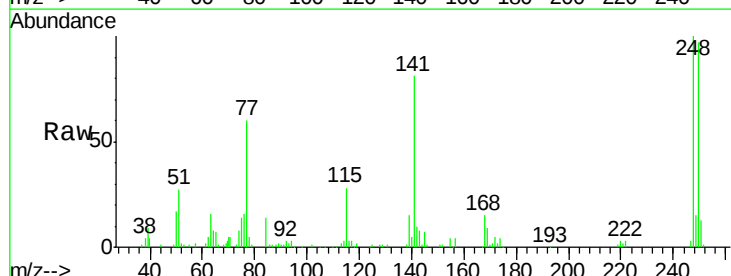
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

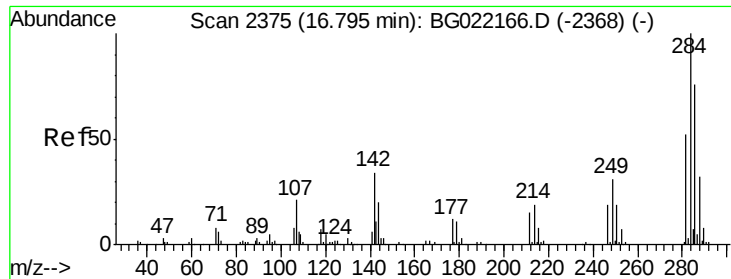
Tot Ion:169 Resp: 212609
Ion Ratio Lower Upper
169 100
168 74.5 59.6 89.4
167 41.2 31.2 46.8



#66
4-Bromophenyl-phenylether
Concen: 40.92 ng
RT: 16.62 min Scan# 2345
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Tgt Ion:248 Resp: 66587
Ion Ratio Lower Upper
248 100
250 97.5 76.6 114.8
141 81.0 63.8 95.6

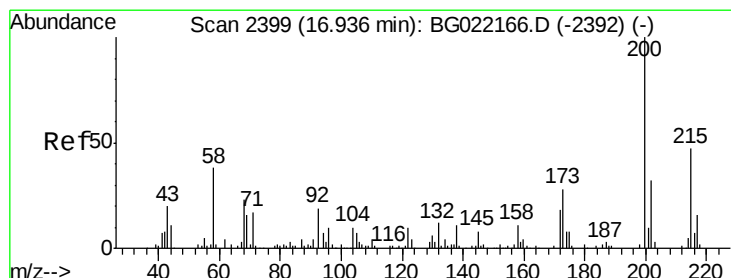
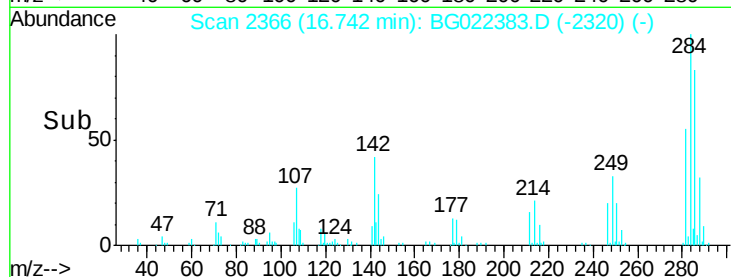
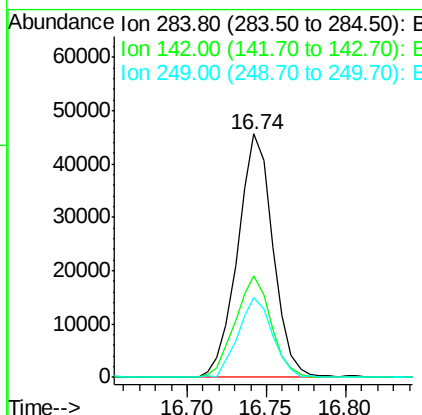
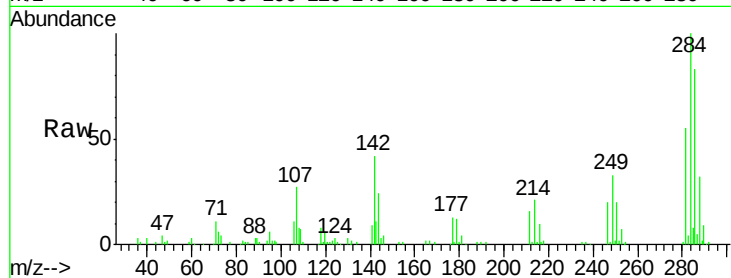




#67
Hexachlorobenzene
Concen: 37.21 ng
RT: 16.74 min Scan# 2366
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

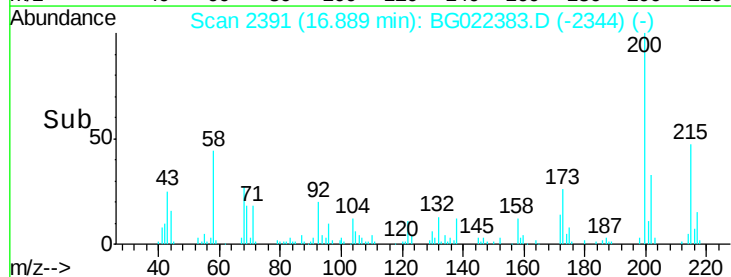
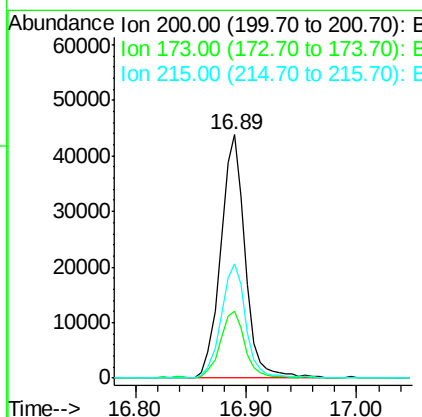
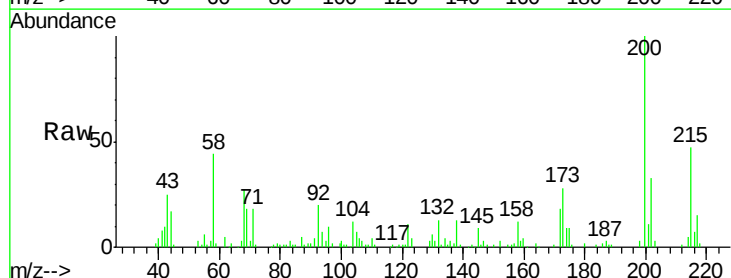
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

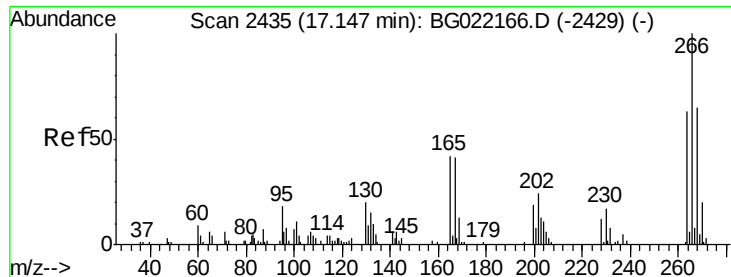
Tot Ion:284 Resp: 70556
Ion Ratio Lower Upper
284 100
142 41.9 31.8 47.6
249 35.3 27.3 40.9



#68
Atrazine
Concen: 36.45 ng
RT: 16.89 min Scan# 2391
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Tgt Ion:200 Resp: 67486
Ion Ratio Lower Upper
200 100
173 27.5 5.1 45.1
215 47.0 28.0 68.0

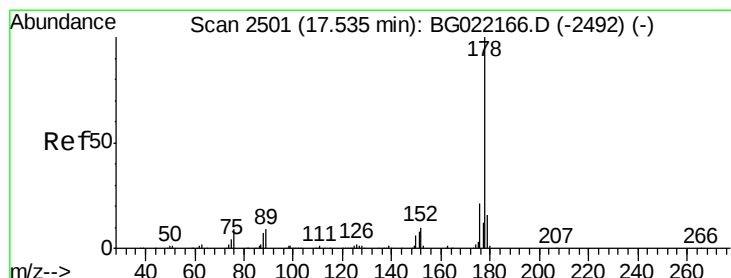
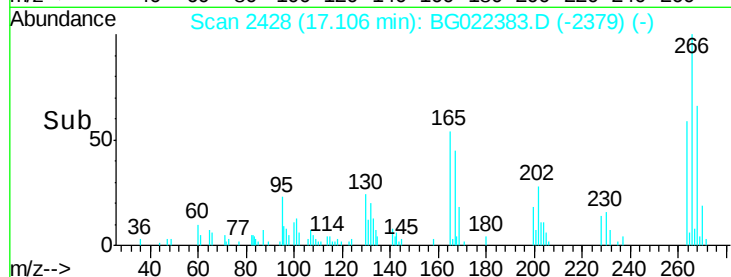
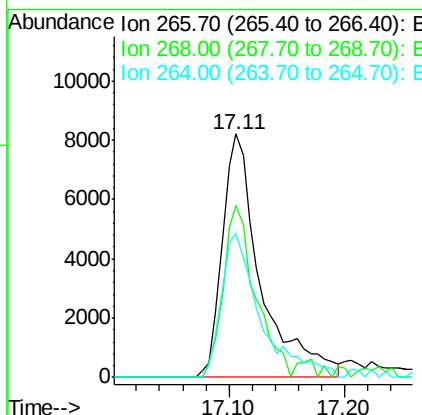
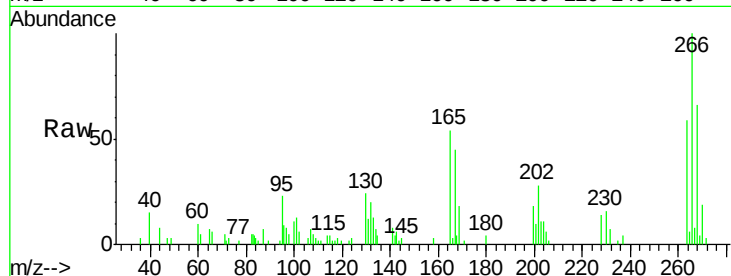




#69
 Pentachlorophenol
 Concen: 26.90 ng
 RT: 17.11 min Scan# 2428
 Delta R.T. -0.01 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

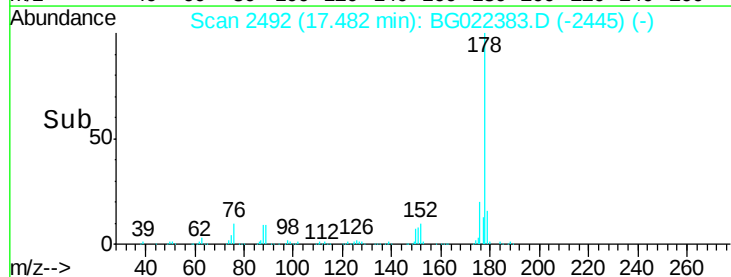
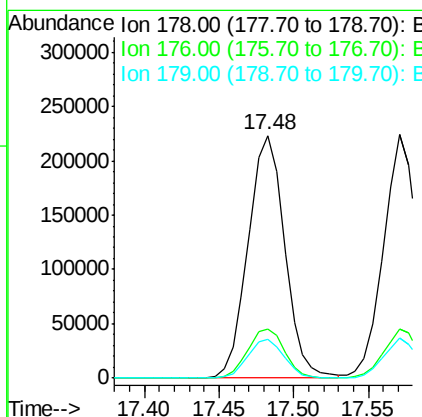
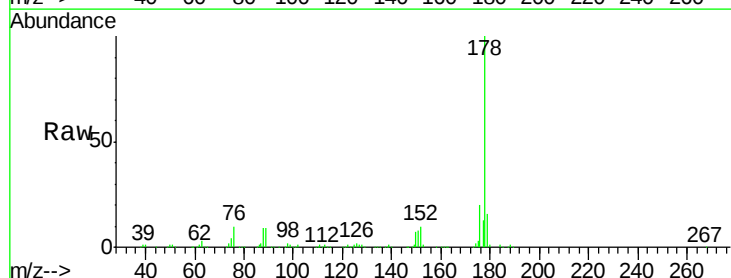
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

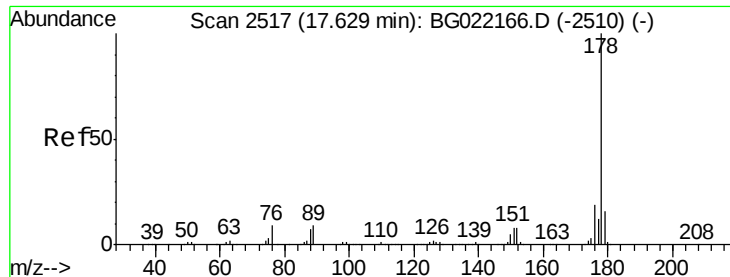
Tot Ion:266 Resp: 18901
 Ion Ratio Lower Upper
 266 100
 268 70.4 54.5 81.7
 264 65.3 53.8 80.6



#70
 Phenanthrene
 Concen: 40.17 ng
 RT: 17.48 min Scan# 2492
 Delta R.T. -0.03 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Tgt Ion:178 Resp: 378827
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 16.0 12.0 18.0

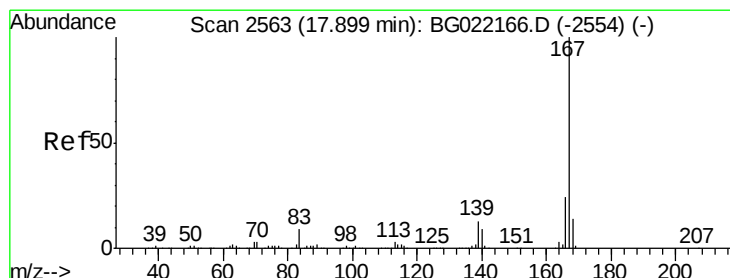
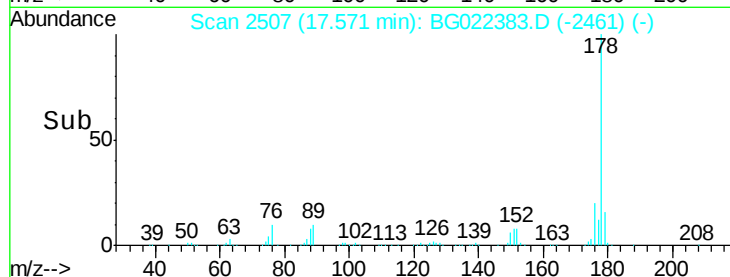
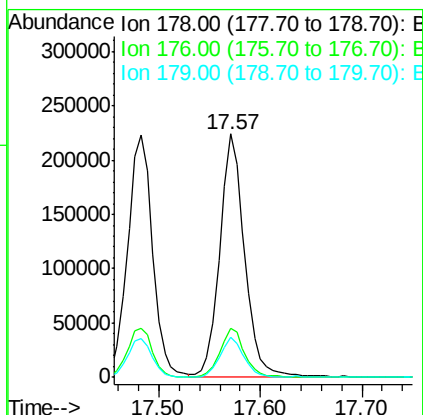
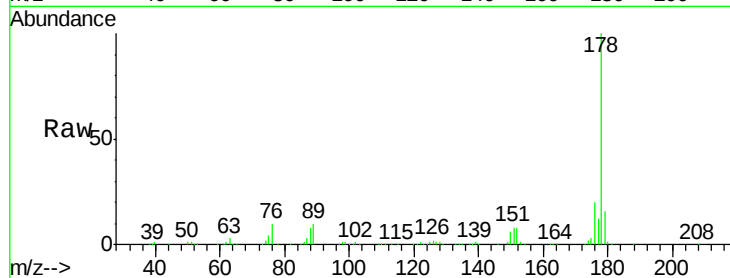




#71
 Anthracene
 Concen: 40.37 ng
 RT: 17.57 min Scan# 2507
 Delta R.T. -0.03 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

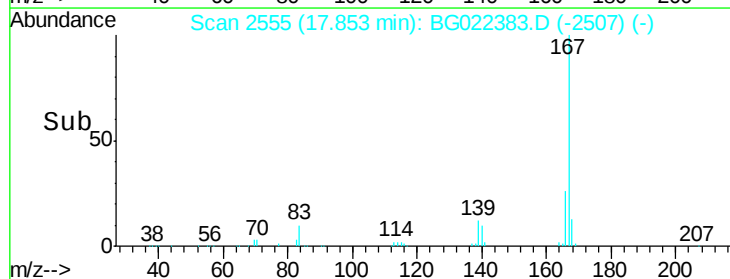
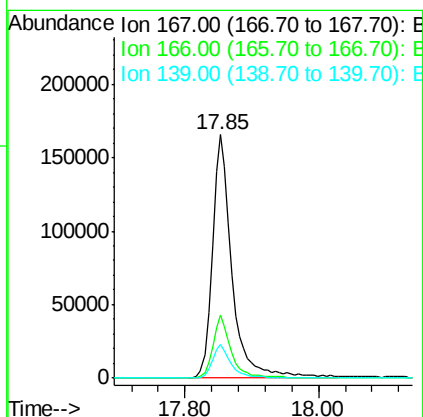
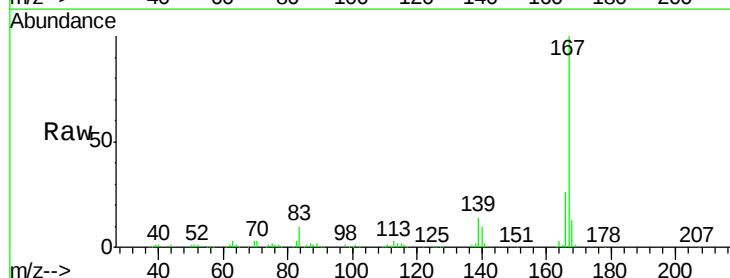
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

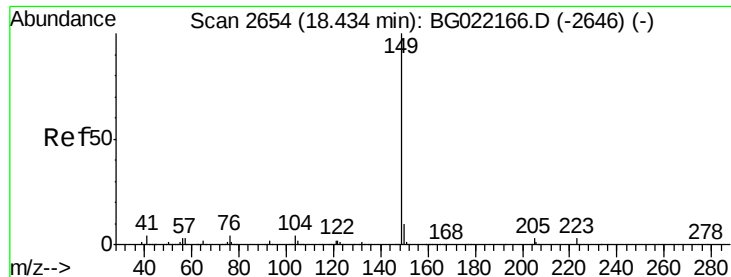
Tot Ion:178 Resp: 377652
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.0 22.4
 179 16.2 12.2 18.4



#72
 Carbazole
 Concen: 38.56 ng
 RT: 17.85 min Scan# 2555
 Delta R.T. -0.02 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Tgt Ion:167 Resp: 341578
 Ion Ratio Lower Upper
 167 100
 166 25.7 18.6 27.8
 139 13.6 10.6 15.8

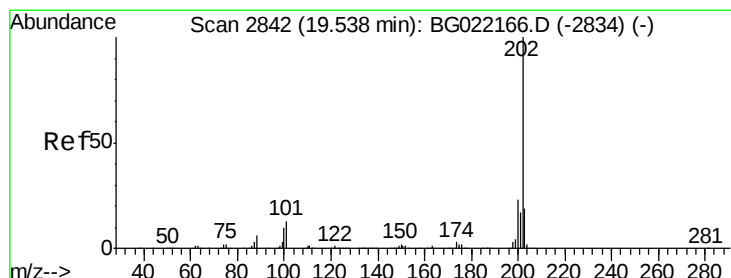
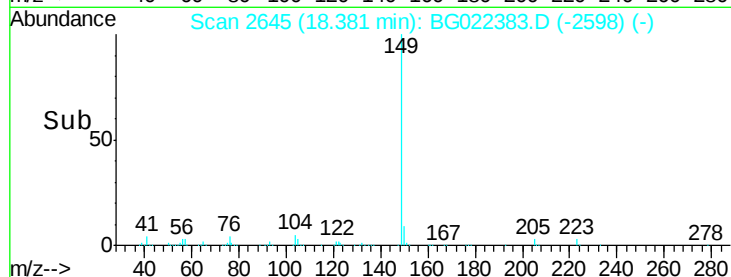
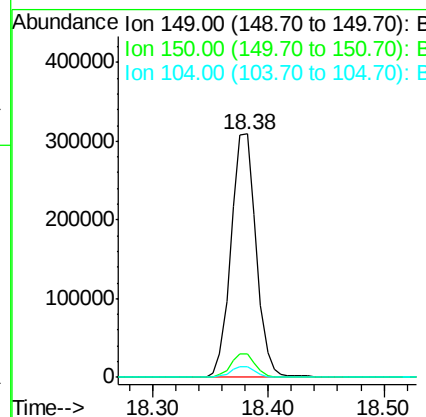
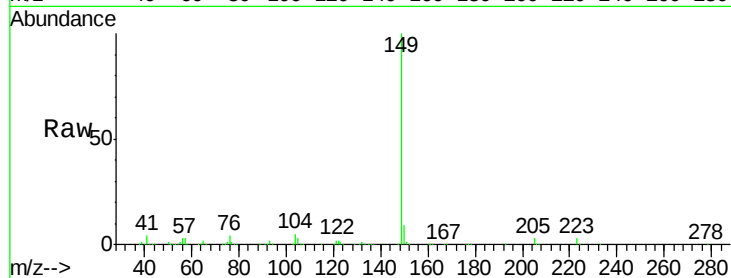




#73
Di-n-butylphthalate
Concen: 40.34 ng
RT: 18.38 min Scan# 2645
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

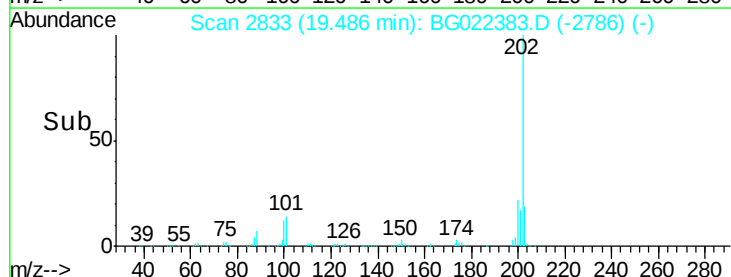
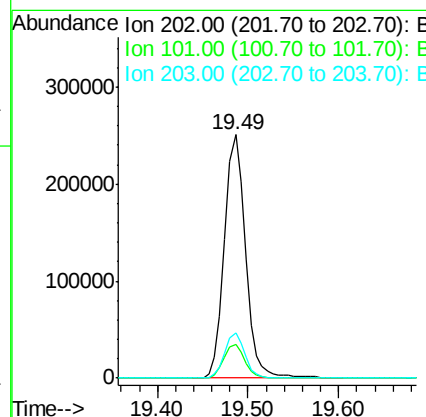
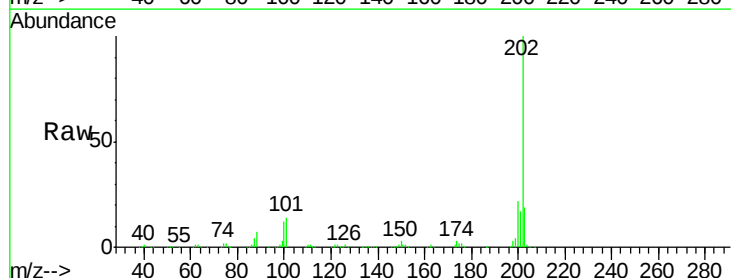
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

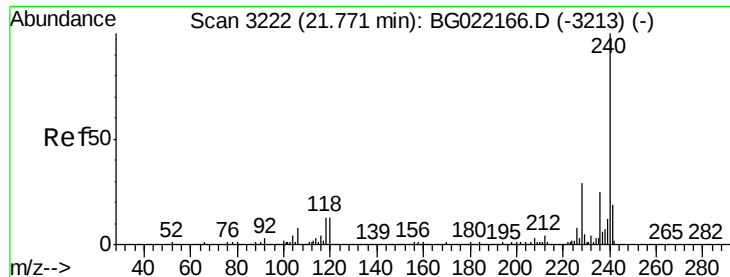
Tot Ion:149 Resp: 467226
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 4.5 4.0 6.0



#74
Fluoranthene
Concen: 37.49 ng
RT: 19.49 min Scan# 2833
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Tgt Ion:202 Resp: 406518
Ion Ratio Lower Upper
202 100
101 14.0 0.0 31.0
203 18.6 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.71 min Scan# 3212

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

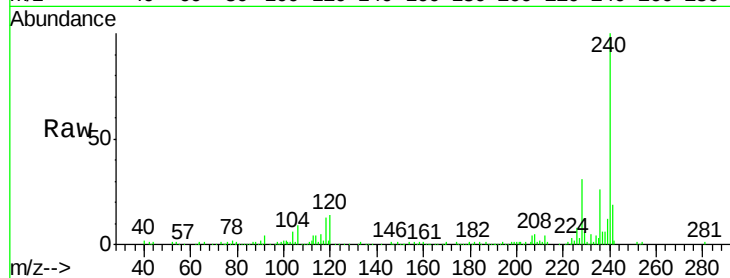
Tot Ion:240 Resp: 151275

Ion Ratio Lower Upper

240 100

120 13.9 8.4 12.6#

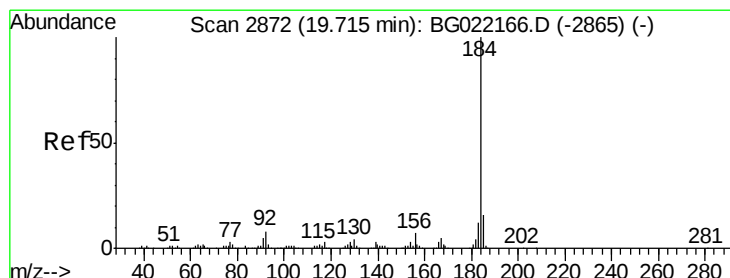
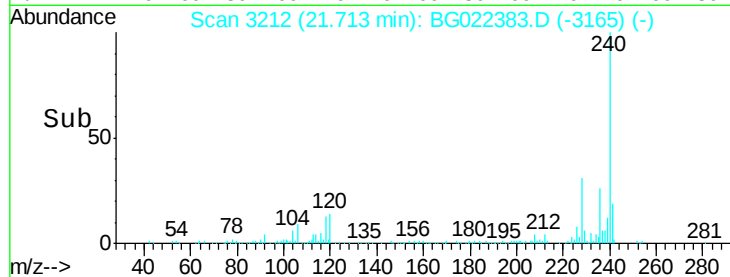
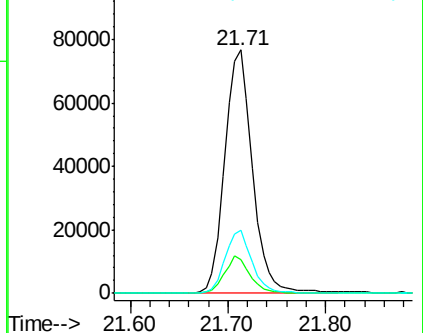
236 26.0 19.6 29.4



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



#76

Benzidine

Concen: 37.12 ng

RT: 19.68 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

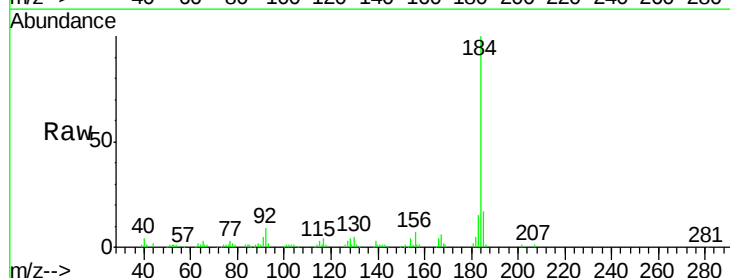
Tgt Ion:184 Resp: 146848

Ion Ratio Lower Upper

184 100

185 16.8 11.5 17.3

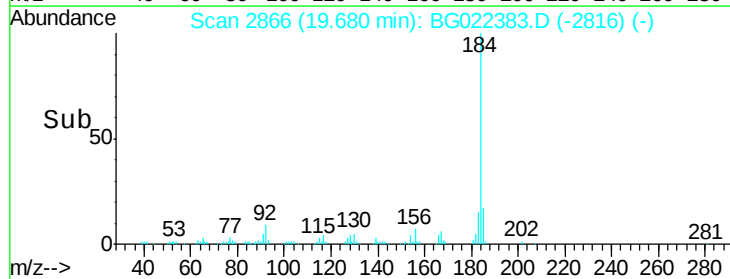
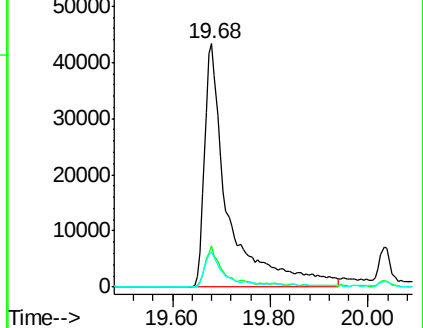
183 14.6 10.2 15.4

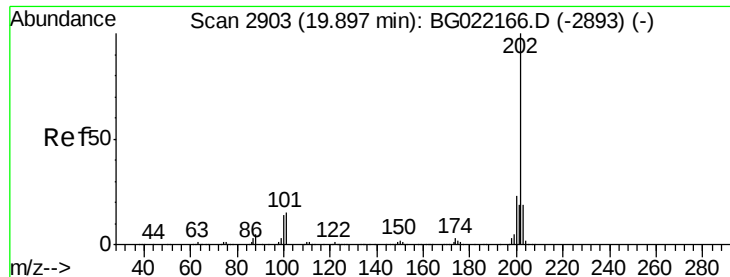


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.04 ng

RT: 19.84 min Scan# 2894

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

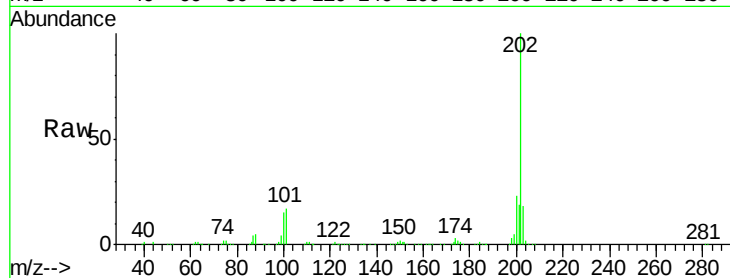
Tot Ion:202 Resp: 404760

Ion Ratio Lower Upper

202 100

200 23.3 18.2 27.2

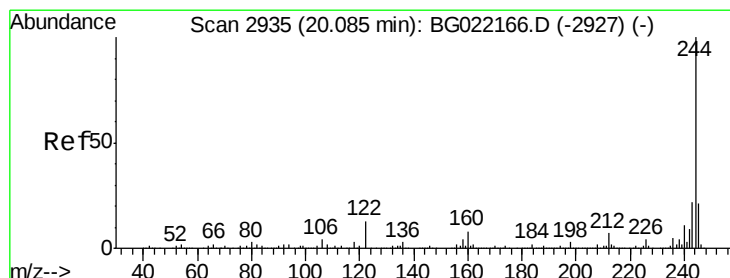
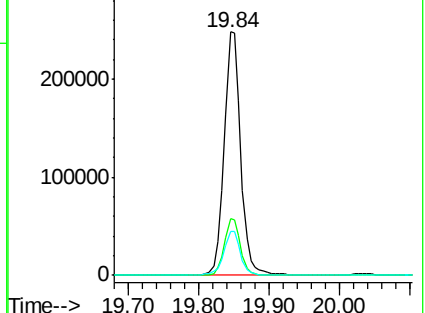
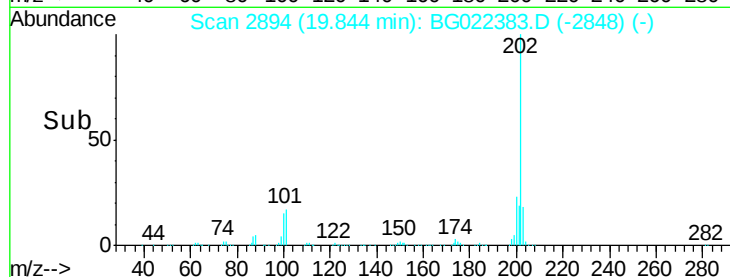
203 18.1 15.0 22.4



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: 82.50 ng

RT: 20.03 min Scan# 2926

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

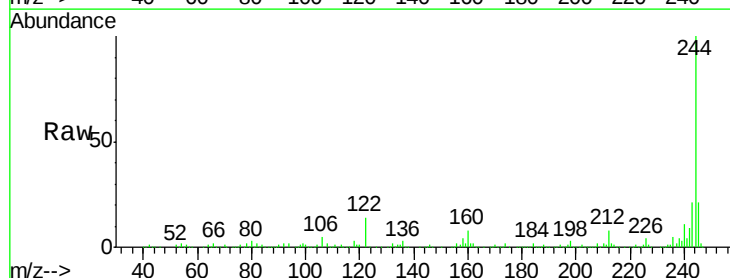
Tgt Ion:244 Resp: 525683

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

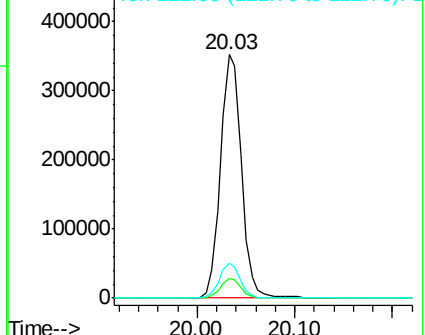
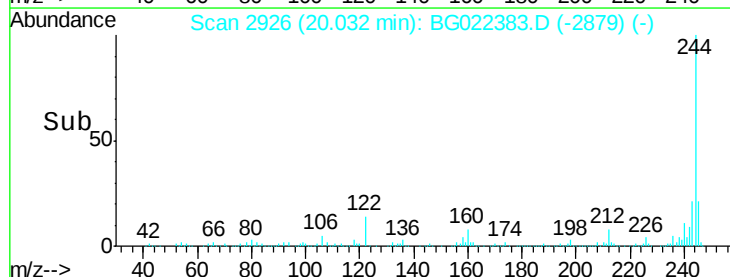
122 14.3 8.6 12.8#

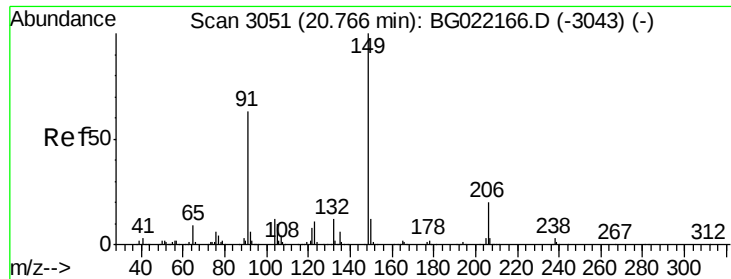


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

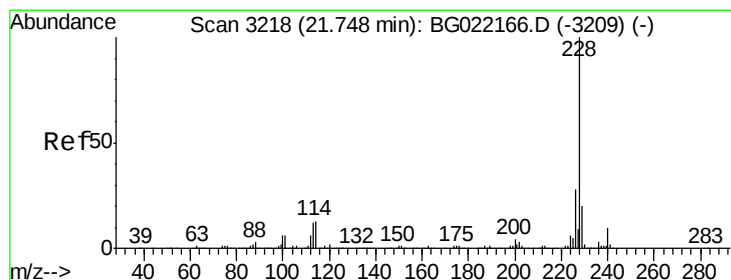
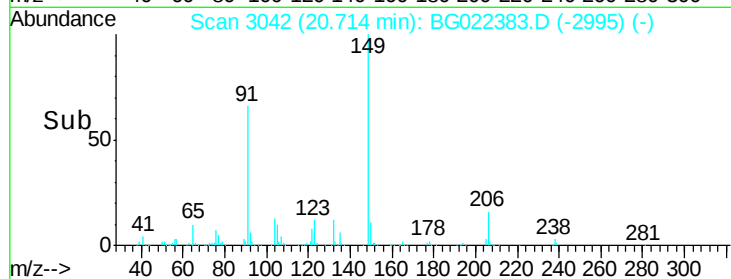
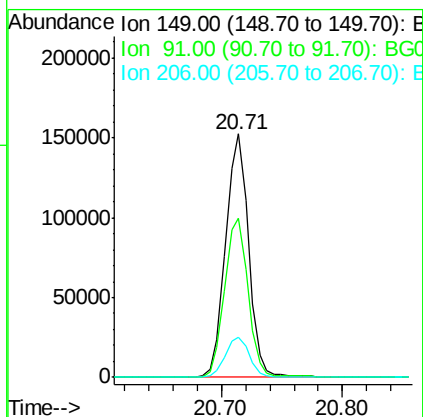
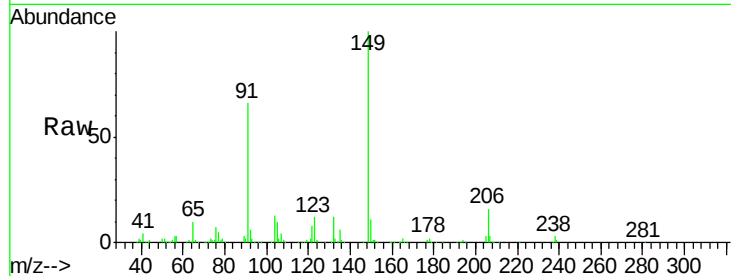




#79
Butylbenzylphthalate
Concen: 46.38 ng
RT: 20.71 min Scan# 3042
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

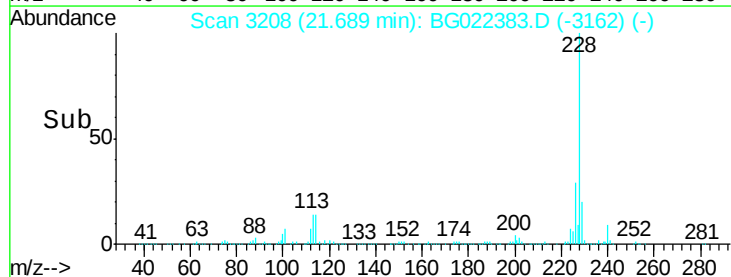
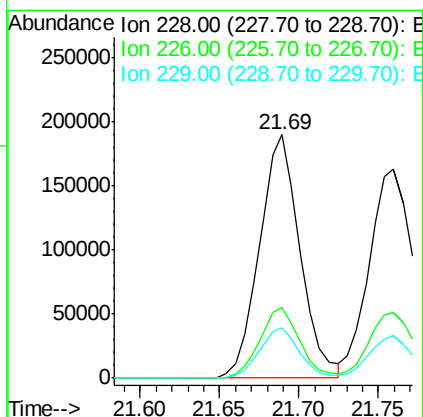
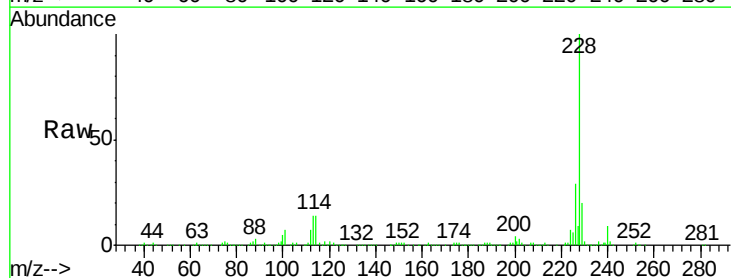
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

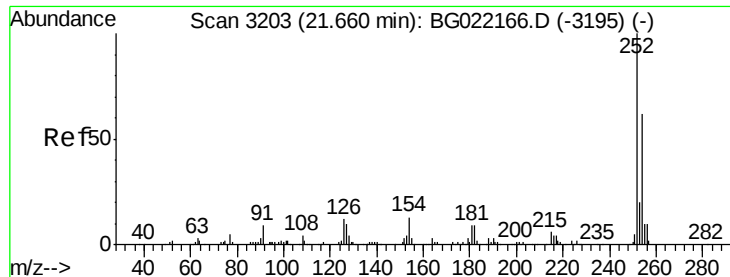
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.5	57.8	86.8
206	16.4	17.0	25.4



#80
Benzo(a)anthracene
Concen: 39.71 ng
RT: 21.69 min Scan# 3208
Delta R.T. -0.03 min
Lab File: BG022383.D
Acq: 17 Jun 2016 2:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	34.0
229	20.5	16.1	24.1

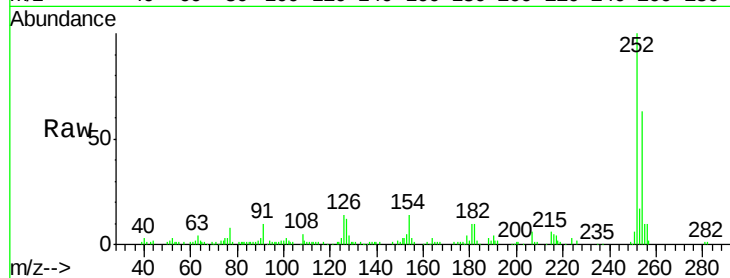




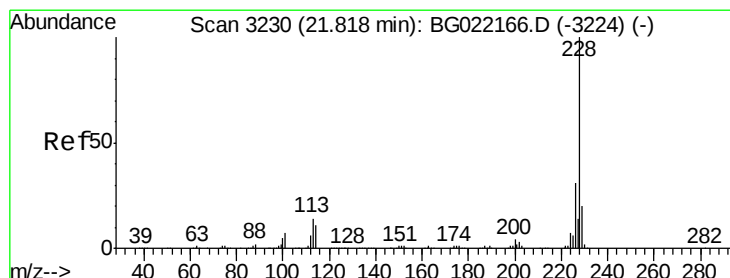
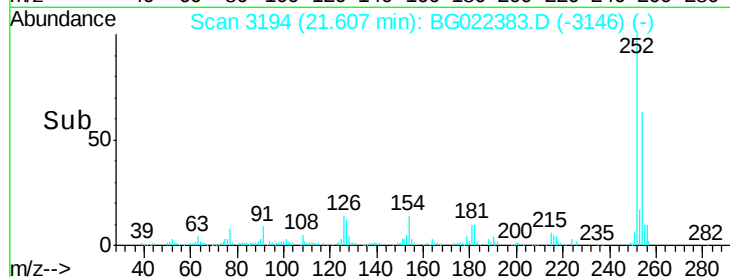
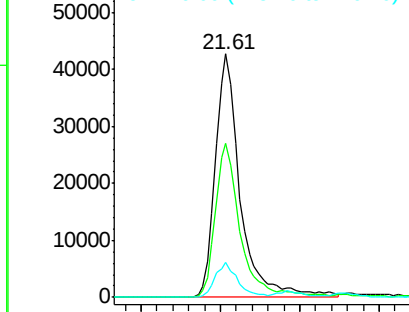
#81
 3,3'-Dichlorobenzidine
 Concen: 39.12 ng
 RT: 21.61 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 93153
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.8 77.6
 126 14.3 8.8 13.2#

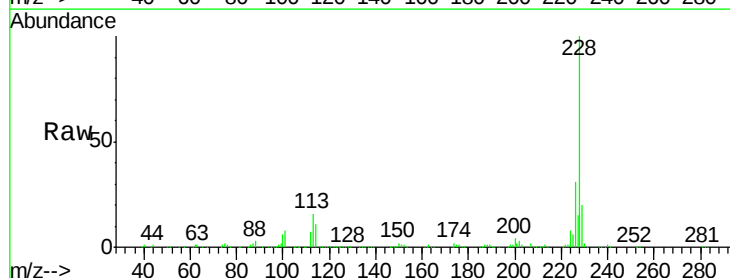


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

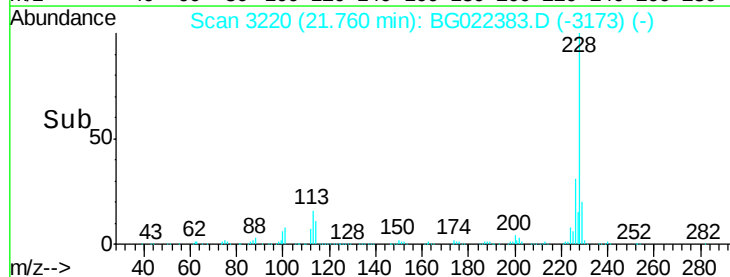
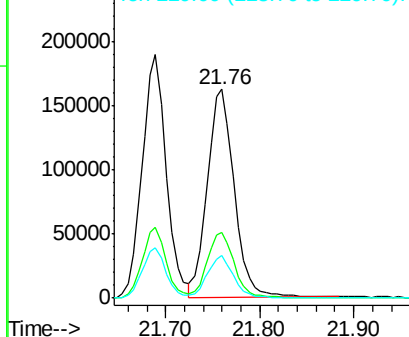


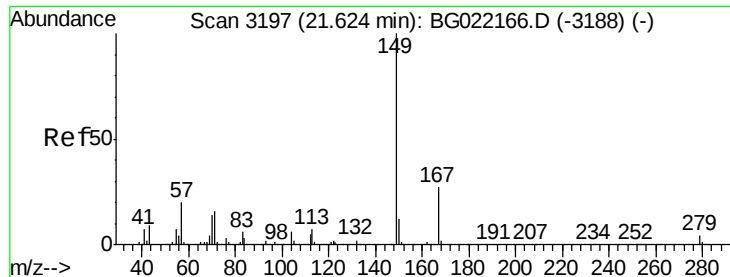
#82
 Chrysene
 Concen: 39.50 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.03 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Tgt Ion:228 Resp: 326048
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.4 38.0
 229 20.4 15.9 23.9



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

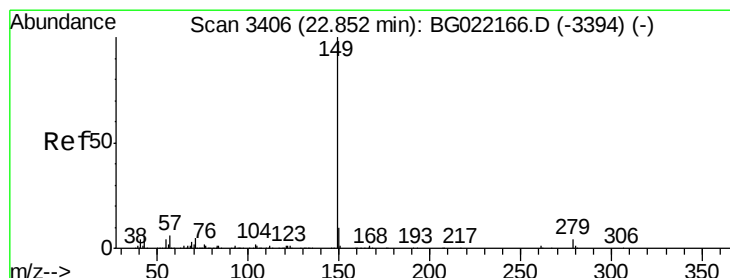
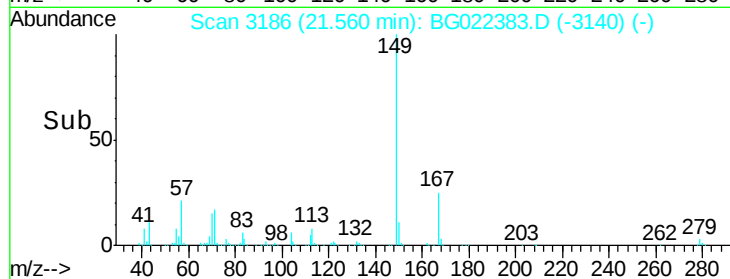
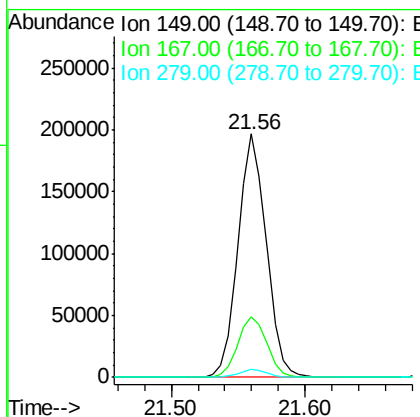
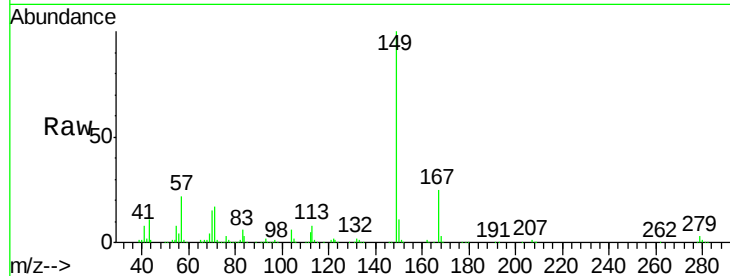




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.90 ng
 RT: 21.56 min Scan# 3186
 Delta R.T. -0.03 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

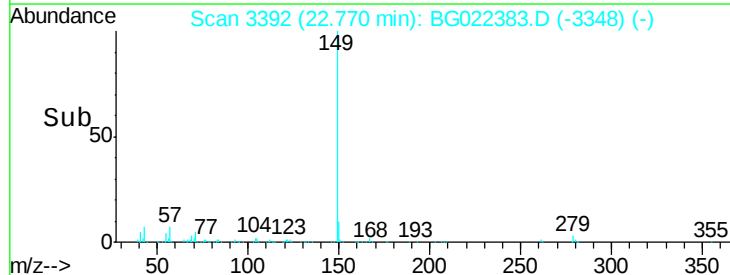
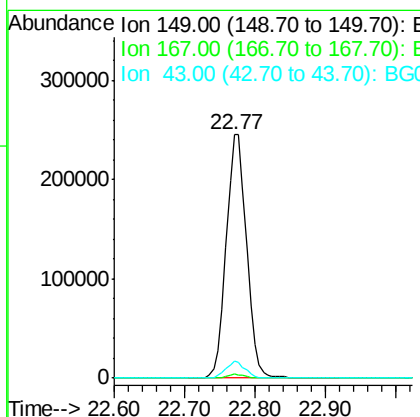
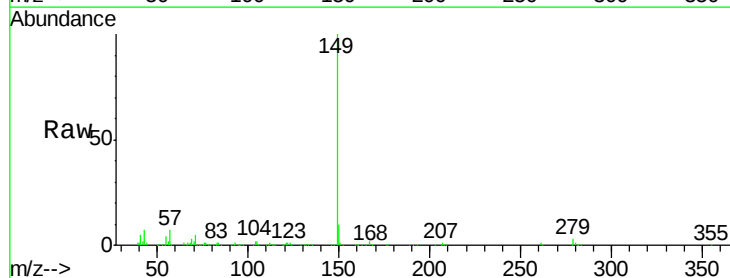
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

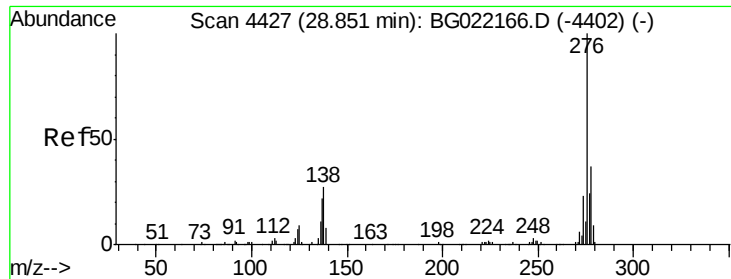
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.1	22.4	33.6
279	3.2	3.2	4.8



#84
 Di-n-octyl phthalate
 Concen: 46.11 ng
 RT: 22.77 min Scan# 3392
 Delta R.T. -0.04 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	6.9	9.8	14.6#

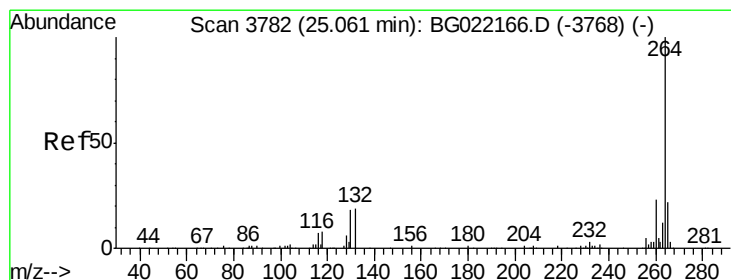
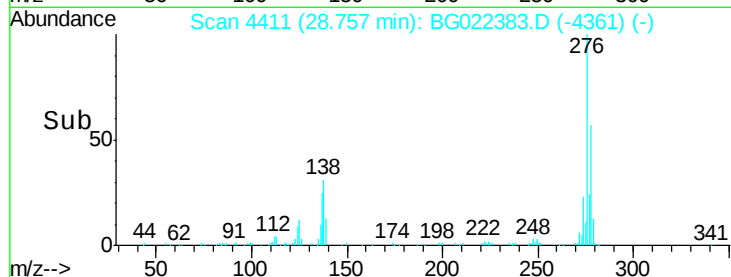
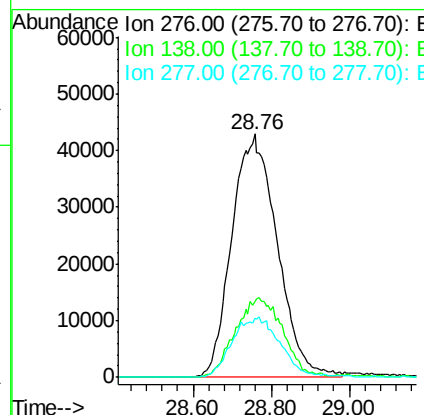
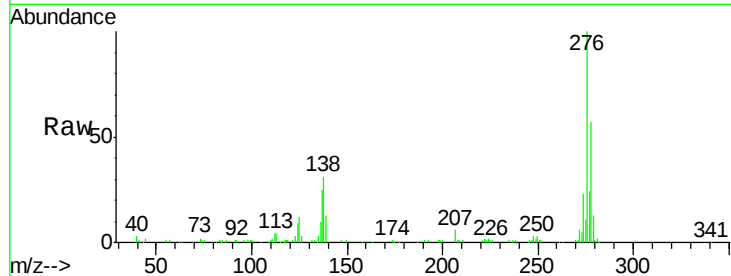




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.48 ng
 RT: 28.76 min Scan# 4411
 Delta R.T. -0.01 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

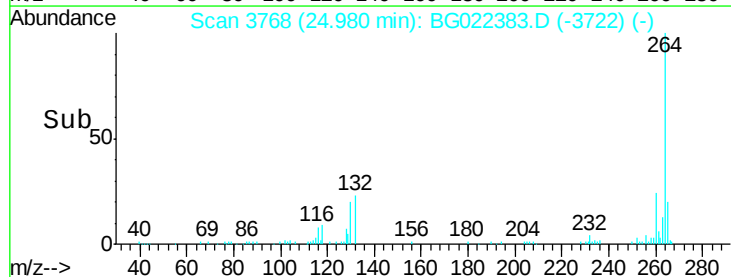
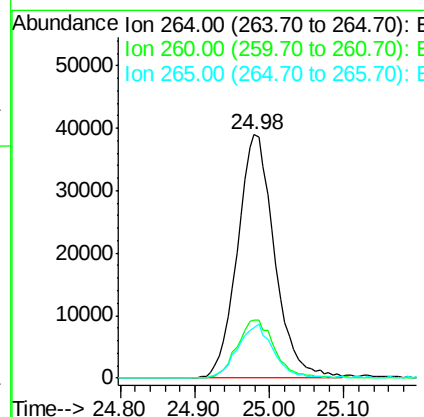
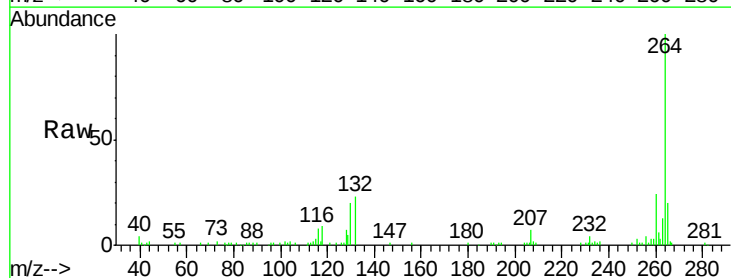
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

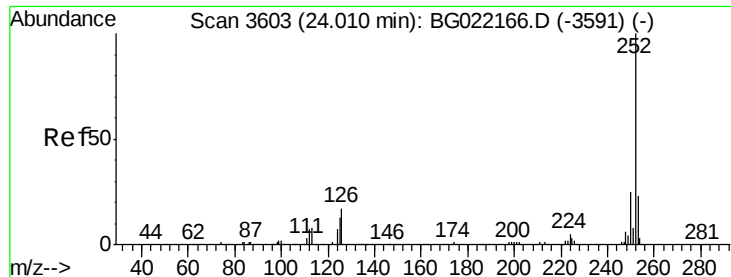
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	14.0	21.0#
277	25.6	20.6	30.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.98 min Scan# 3768
 Delta R.T. -0.03 min
 Lab File: BG022383.D
 Acq: 17 Jun 2016 2:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.2	30.4
265	20.5	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 41.60 ng

RT: 23.93 min Scan# 3590

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

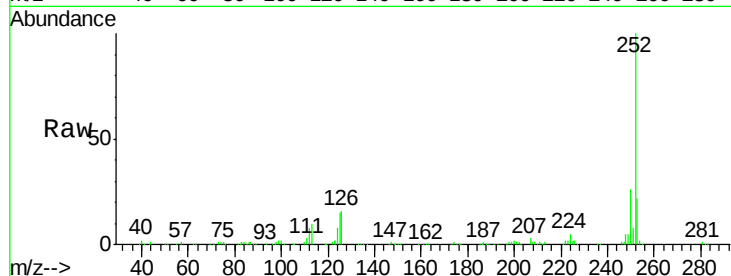
Tot Ion:252 Resp: 326124

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

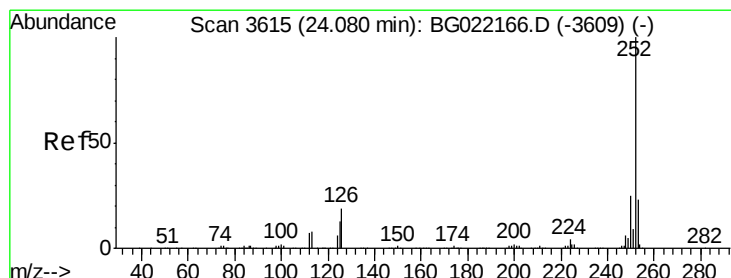
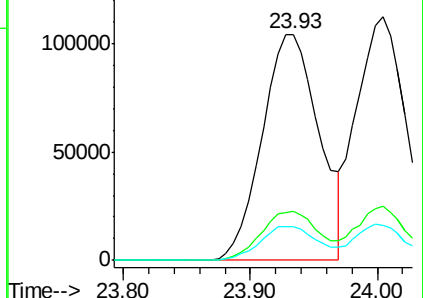
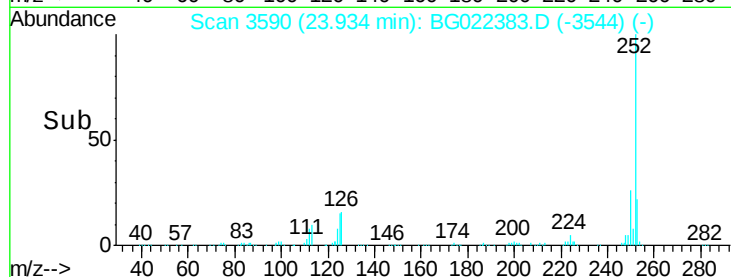
125 14.8 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.87 ng

RT: 24.00 min Scan# 3602

Delta R.T. -0.04 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

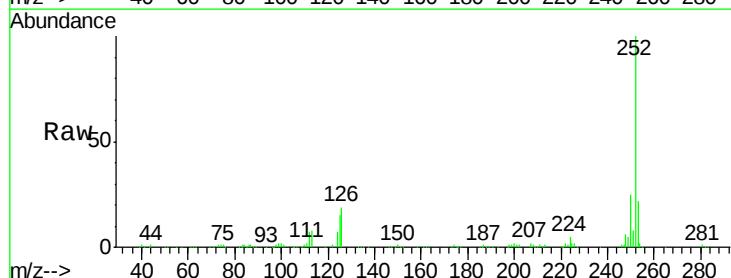
Tgt Ion:252 Resp: 307732

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

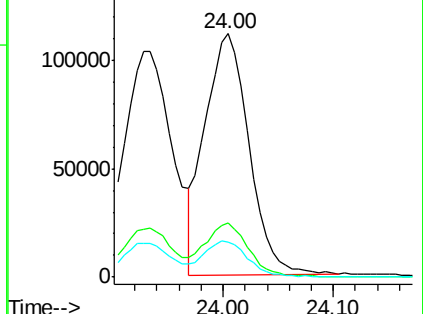
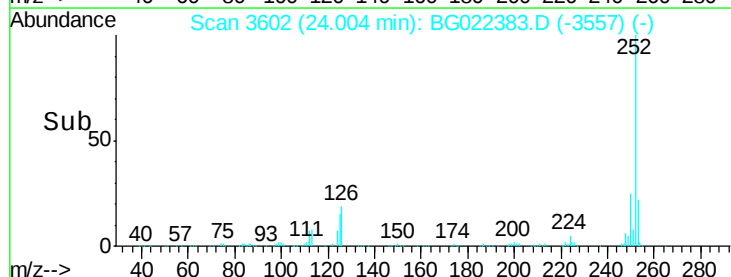
125 14.6 8.3 12.5#

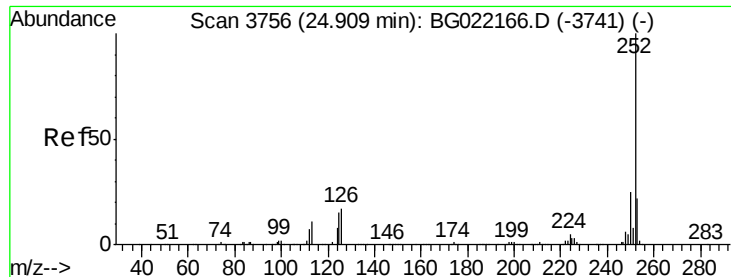


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.20 ng

RT: 24.82 min Scan# 3741

Delta R.T. -0.04 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

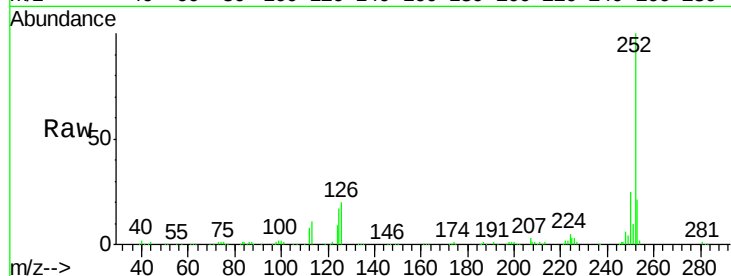
Tot Ion:252 Resp: 308828

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

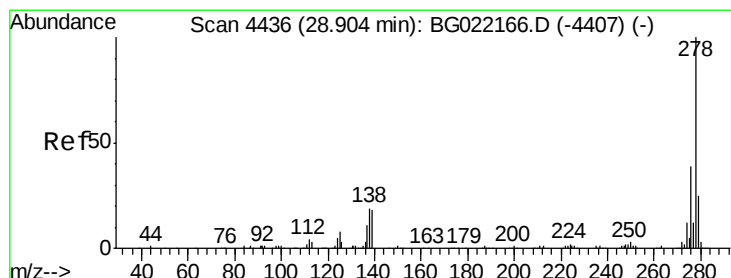
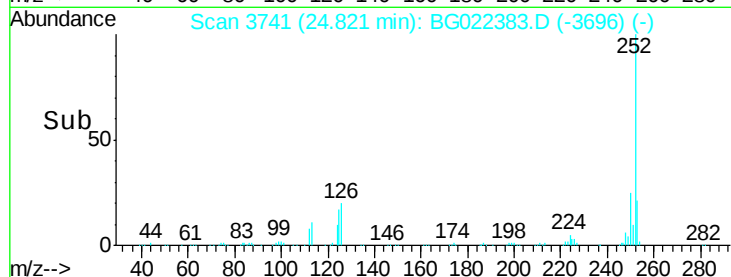
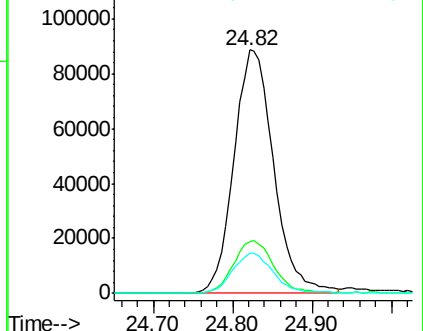
125 16.7 9.6 14.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.55 ng

RT: 28.80 min Scan# 4418

Delta R.T. -0.03 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

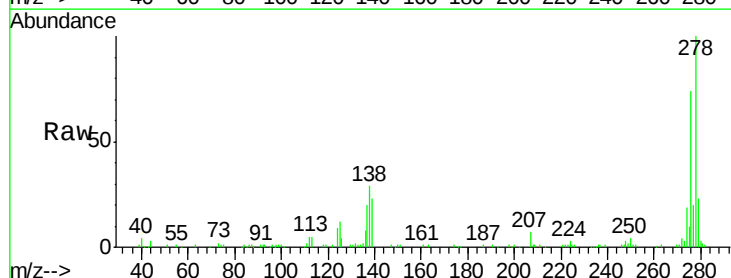
Tgt Ion:278 Resp: 279235

Ion Ratio Lower Upper

278 100

139 22.9 11.9 17.9#

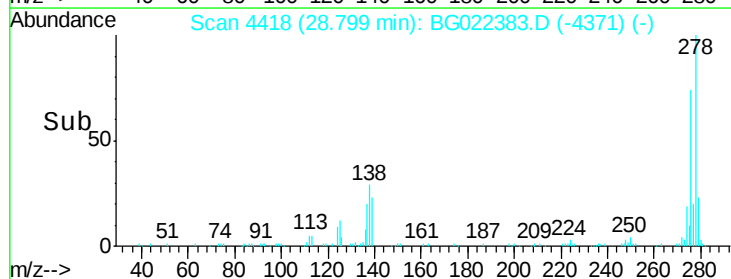
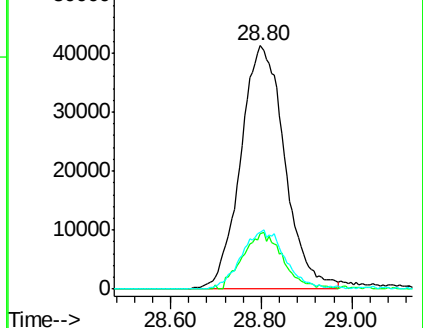
279 23.1 18.2 27.2

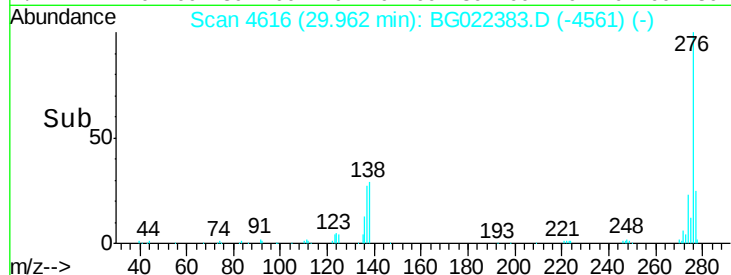
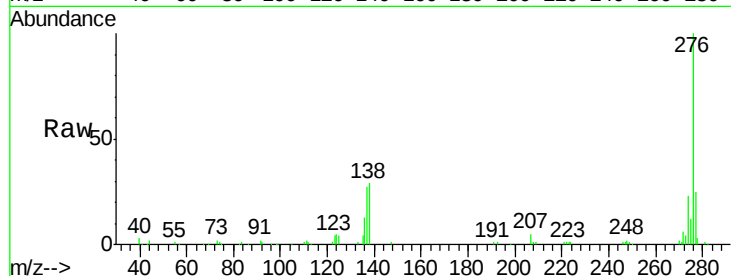
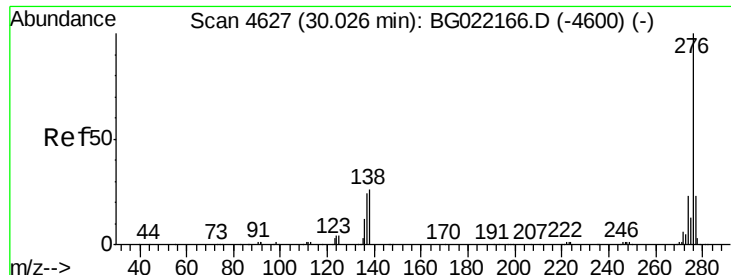


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.80 ng

RT: 29.96 min Scan# 4616

Delta R.T. 0.02 min

Lab File: BG022383.D

Acq: 17 Jun 2016 2:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 292331

Ion Ratio Lower Upper

276 100

277 24.9 19.4 29.2

138 28.6 17.4 26.0#

