

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023033.D
 Acq On : 12 Jul 2016 12:45
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 12 15:44:29 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	112402	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	560091	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	431505	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	969645	20.00	ng	0.00
75) Chrysene-d12	21.88	240	1074433	20.00	ng	0.03
86) Perylene-d12	25.26	264	1099460	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	554028	80.61	ng	0.00
7) Phenol-d6	7.30	99	921575	85.62	ng	0.00
23) Nitrobenzene-d5	9.33	82	1029201	78.68	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	498442	64.27	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2090344	76.30	ng	0.00
78) Terphenyl-d14	20.17	244	2790023	80.84	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	106621	39.91	ng	95
3) Pyridine	3.97	79	368436	40.30	ng	95
4) n-Nitrosodimethylamine	3.89	42	161965	41.30	ng	# 86
6) Aniline	7.47	93	591140	39.63	ng	96
8) 2-Chlorophenol	7.71	128	309303	42.29	ng	96
9) Benzaldehyde	7.28	77	294816	40.99	ng	94
10) Phenol	7.33	94	468843	42.33	ng	90
11) bis(2-Chloroethyl)ether	7.56	93	342405	39.01	ng	90
12) 1,3-Dichlorobenzene	8.04	146	357301	39.91	ng	98
13) 1,4-Dichlorobenzene	8.19	146	367123	40.96	ng	95
14) 1,2-Dichlorobenzene	8.51	146	360628	40.47	ng	94
15) Benzyl Alcohol	8.39	79	414500	42.04	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	441618	41.19	ng	98
17) 2-Methylphenol	8.59	107	309598	42.94	ng	95
18) Hexachloroethane	9.24	117	159739	42.22	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	396346	40.85	ng	96
20) 3+4-Methylphenols	8.93	107	436396	43.40	ng	96
22) Acetophenone	8.98	105	631136	37.55	ng	# 94
24) Nitrobenzene	9.37	77	541987	38.99	ng	95
25) Isophorone	9.89	82	967264	36.77	ng	96
26) 2-Nitrophenol	10.08	139	217355	39.85	ng	92
27) 2,4-Dimethylphenol	10.14	122	352563	37.40	ng	90
28) bis(2-Chloroethoxy)methane	10.37	93	553001	37.69	ng	99
29) 2,4-Dichlorophenol	10.62	162	399962	39.78	ng	100
30) 1,2,4-Trichlorobenzene	10.84	180	454432	39.44	ng	98
31) Naphthalene	11.04	128	1133424	39.75	ng	99
32) Benzoic acid	10.29	122	316479	36.90	ng	88
33) 4-Chloroaniline	11.14	127	535283	38.39	ng	98
34) Hexachlorobutadiene	11.31	225	347807	37.24	ng	96
35) Caprolactam	11.92	113	132129	31.94	ng	# 86
36) 4-Chloro-3-methylphenol	12.26	107	519743	37.79	ng	95
37) 2-Methylnaphthalene	12.63	142	886181	39.33	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	703120	37.81	ng	96
40) Hexachlorocyclopentadiene	12.97	237	460196	42.99	ng	98

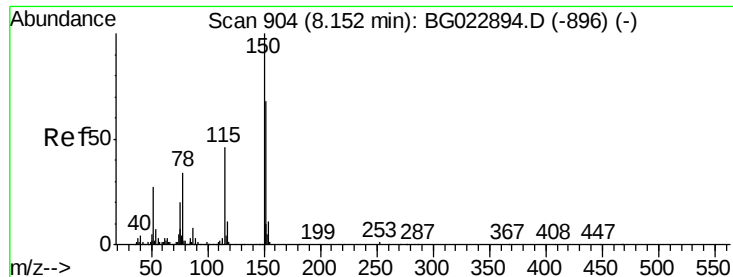
Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	395051	36.96	nq	99
43) 2,4,5-Trichlorophenol	13.31	196	405958	36.99	nq	92
45) 1,1'-Biphenyl	13.63	154	1281407	39.58	nq	96
46) 2-Chloronaphthalene	13.68	162	1030956	39.25	nq	97
47) 2-Nitroaniline	13.89	65	439827	39.25	nq	97
48) Acenaphthylene	14.53	152	1517269	38.51	nq	99
49) Dimethylphthalate	14.25	163	1249044	35.44	nq	97
50) 2,6-Dinitrotoluene	14.37	165	291181	36.76	nq	85
51) Acenaphthene	14.87	154	978713	38.02	nq	99
52) 3-Nitroaniline	14.71	138	298473	37.79	nq	91
53) 2,4-Dinitrophenol	14.91	184	252596	46.47	nq	95
54) Dibenzofuran	15.20	168	1423020	36.93	nq	99
55) 4-Nitrophenol	15.02	139	212261	32.06	nq	95
56) 2,4-Dinitrotoluene	15.17	165	411879	35.66	nq	96
57) Fluorene	15.85	166	1212491	36.56	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	375761	34.22	nq	97
59) Diethylphthalate	15.61	149	1277782	35.63	nq	99
60) 4-Chlorophenyl-phenylether	15.84	204	723080	35.80	nq	98
61) 4-Nitroaniline	15.88	138	307442	35.97	nq	# 85
62) Azobenzene	16.14	77	1318349	38.43	nq	95
64) 4,6-Dinitro-2-methylphenol	15.93	198	254102	35.26	nq	97
65) n-Nitrosodiphenylamine	16.06	169	1135595	40.65	nq	99
66) 4-Bromophenyl-phenylether	16.74	248	474225	37.59	nq	100
67) Hexachlorobenzene	16.86	284	522922	38.12	nq	99
68) Atrazine	17.01	200	473018	38.17	nq	97
69) Pentachlorophenol	17.21	266	308379	34.72	nq	97
70) Phenanthrene	17.61	178	1883602	39.64	nq	98
71) Anthracene	17.70	178	1917262	39.84	nq	99
72) Carbazole	17.97	167	1655791	39.82	nq	99
73) Di-n-butylphthalate	18.51	149	1936070	41.87	nq	100
74) Fluoranthene	19.61	202	2212651	37.94	nq	98
76) Benzidine	19.79	184	807739	26.22	nq	97
77) Pyrene	19.98	202	2284626	37.84	nq	99
79) Butylbenzylphthalate	20.85	149	985424	41.21	nq	95
80) Benzo(a)anthracene	21.85	228	2359458	39.25	nq	98
81) 3,3'-Dichlorobenzidine	21.76	252	1011610	38.34	nq	# 96
82) Chrysene	21.92	228	2223642	39.43	nq	96
83) Bis(2-ethylhexyl)phthalate	21.74	149	1360610	40.97	nq	99
84) Di-n-octyl phthalate	23.00	149	2272900	41.04	nq	99
85) Indeno(1,2,3-cd)pyrene	29.14	276	2671596	37.16	nq	# 100
87) Benzo(b)fluoranthene	24.18	252	2499356	39.40	nq	# 97
88) Benzo(k)fluoranthene	24.26	252	2428156	40.34	nq	# 97
89) Benzo(a)pyrene	25.10	252	2406303	39.57	nq	# 98
90) Dibenzo(a,h)anthracene	29.21	278	2309173	38.26	nq	# 94
91) Benzo(g,h,i)perylene	30.35	276	2254015	37.29	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

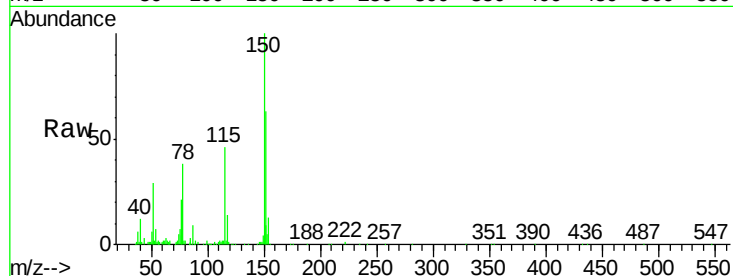
Tot Ion:152 Resp: 112402

Ion Ratio Lower Upper

152 100

150 158.8 144.7 217.1

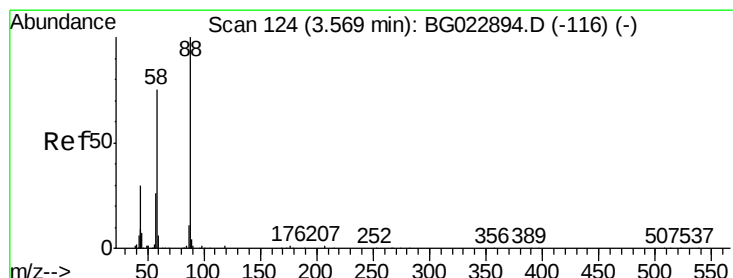
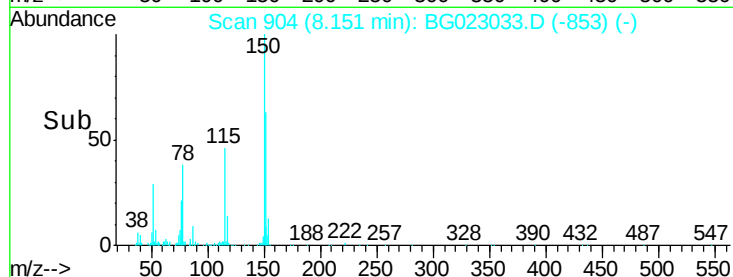
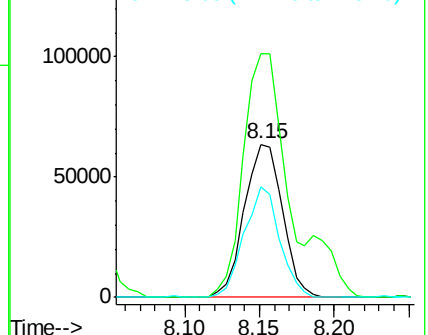
115 72.3 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.91 ng

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

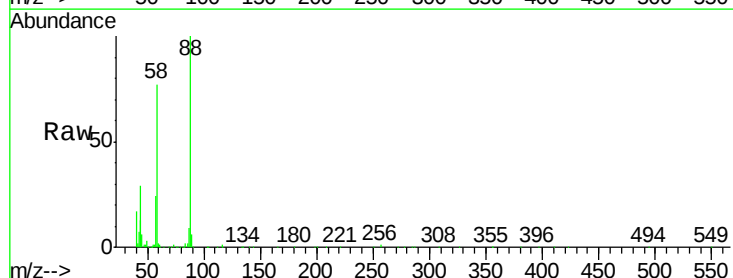
Tgt Ion: 88 Resp: 106621

Ion Ratio Lower Upper

88 100

58 76.7 60.4 90.6

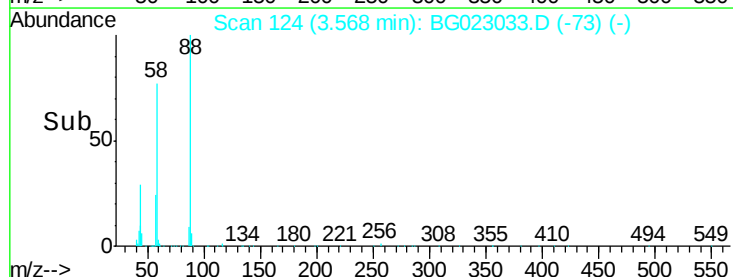
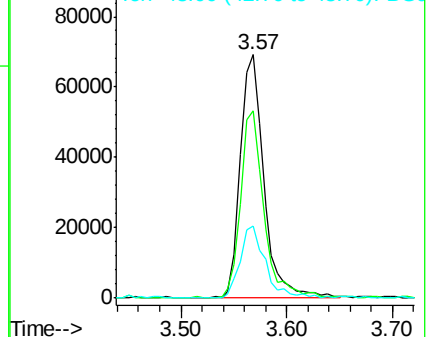
43 31.6 31.1 46.7

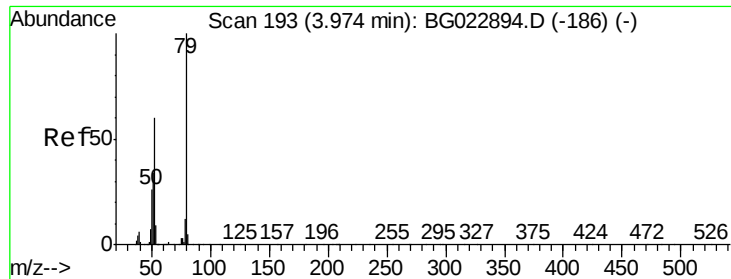


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

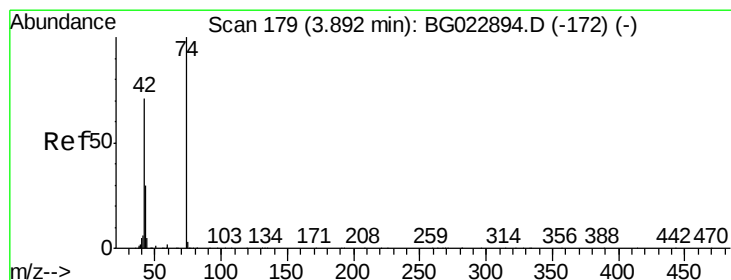
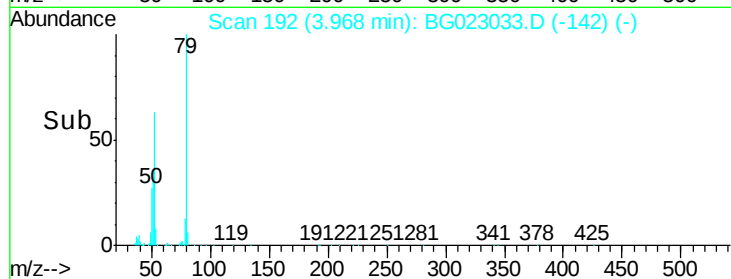
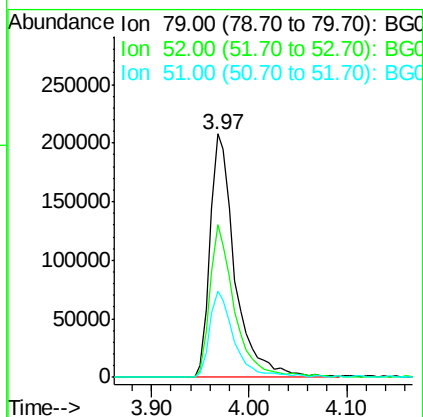
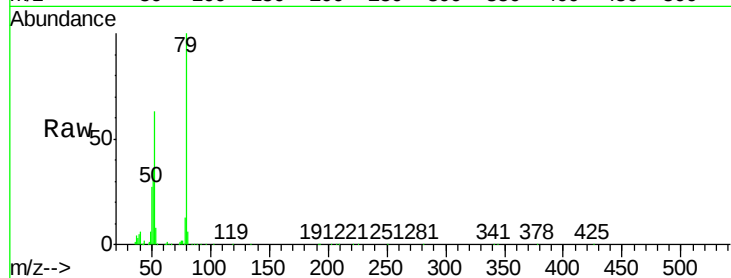




#3
 Pvridine
 Concen: 40.30 ng
 RT: 3.97 min Scan# 192
 Delta R.T. -0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

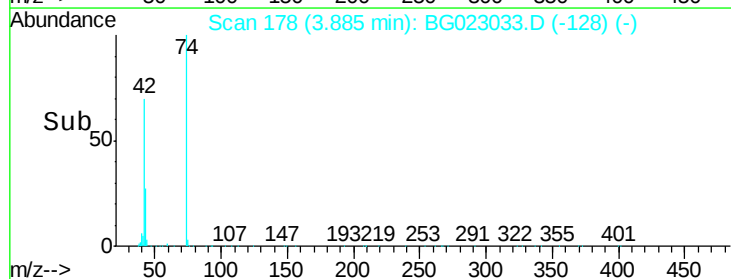
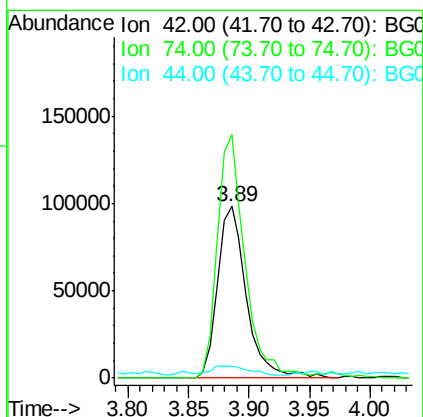
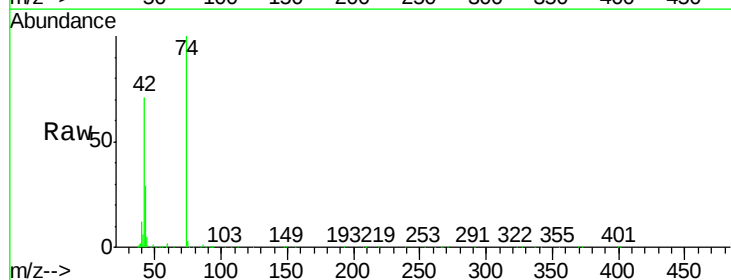
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

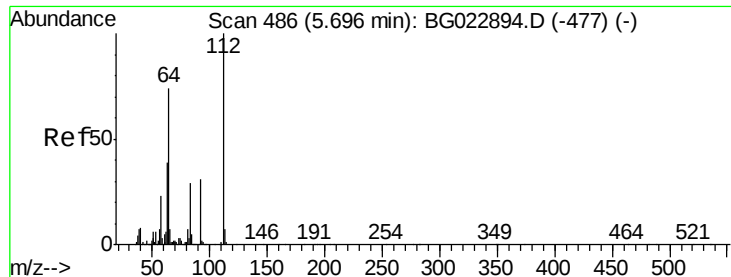
Tot Ion: 79 Resp: 368436
 Ion Ratio Lower Upper
 79 100
 52 62.6 51.8 77.8
 51 35.5 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 41.30 ng
 RT: 3.89 min Scan# 178
 Delta R.T. -0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion: 42 Resp: 161965
 Ion Ratio Lower Upper
 42 100
 74 141.8 100.6 150.8
 44 7.0 4.5 6.7#





#5

2-Fluorophenol

Concen: 80.61 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

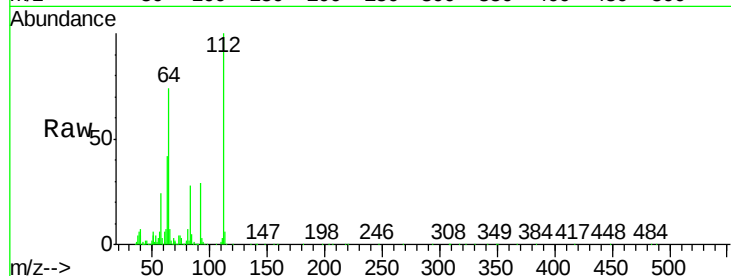
Tot Ion:112 Resp: 554028

Ion Ratio Lower Upper

112 100

64 73.6 59.0 88.4

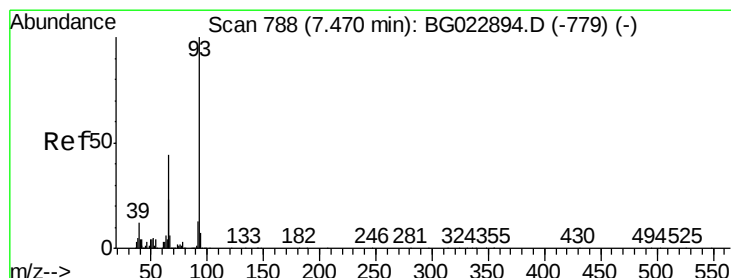
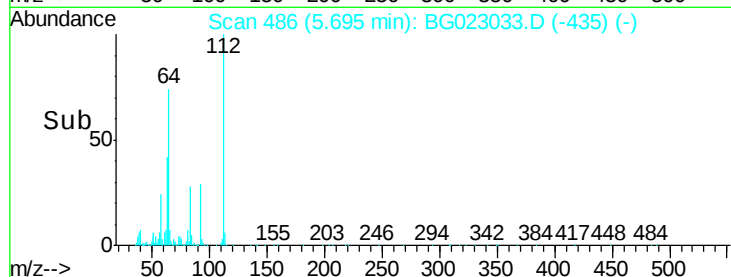
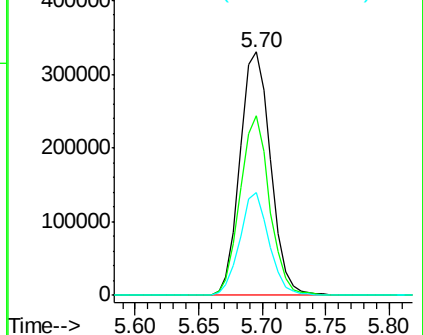
63 42.1 37.8 56.8



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: 39.63 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

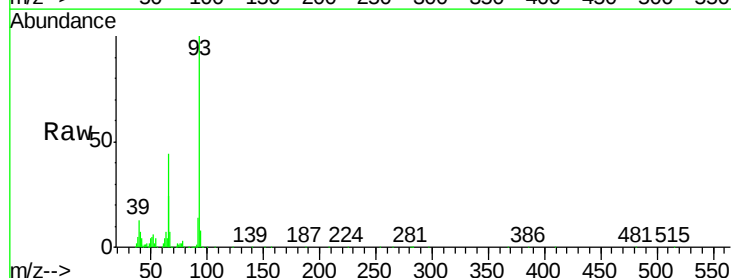
Tgt Ion: 93 Resp: 591140

Ion Ratio Lower Upper

93 100

66 43.6 37.5 56.3

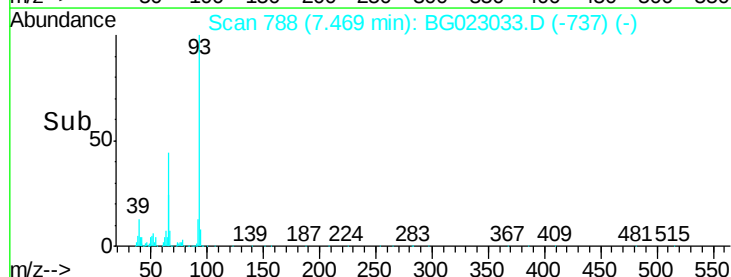
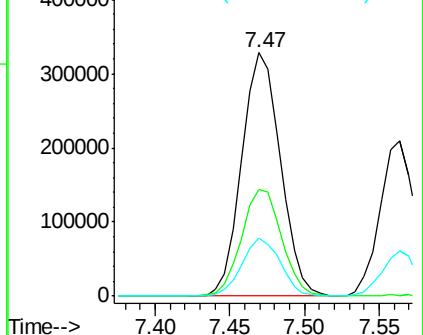
65 24.0 17.9 26.9

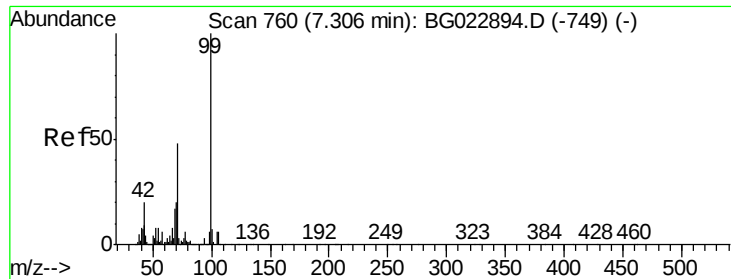


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.62 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

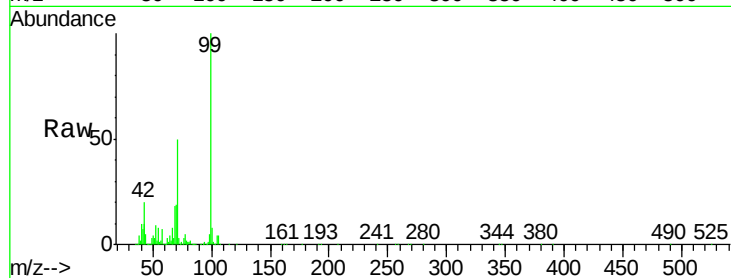
Tot Ion: 99 Resp: 921575

Ion Ratio Lower Upper

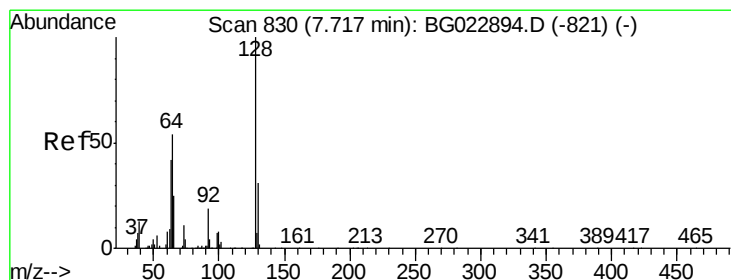
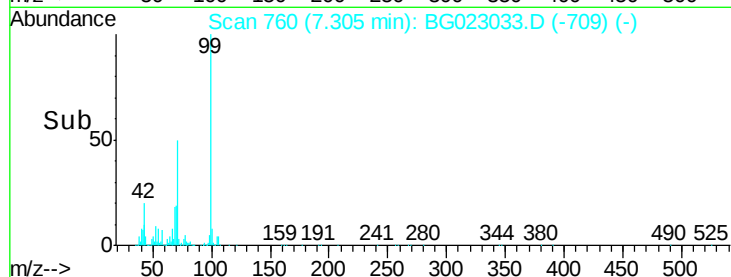
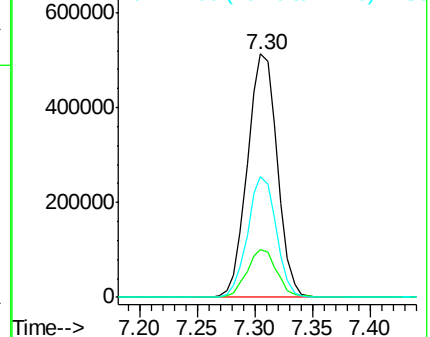
99 100

42 19.5 17.8 26.6

71 49.6 41.5 62.3



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: 42.29 ng

RT: 7.71 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

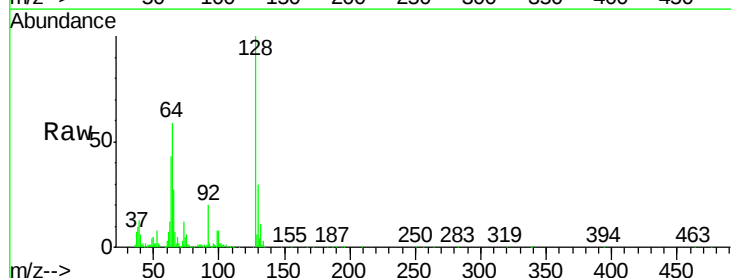
Tgt Ion: 128 Resp: 309303

Ion Ratio Lower Upper

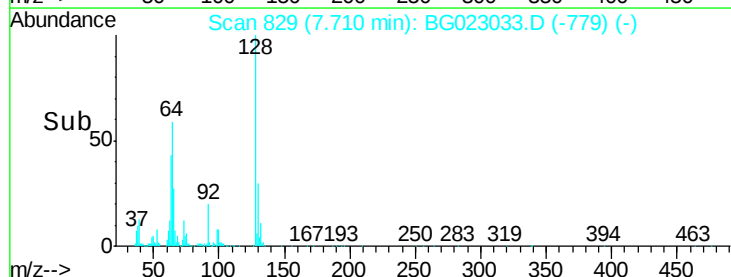
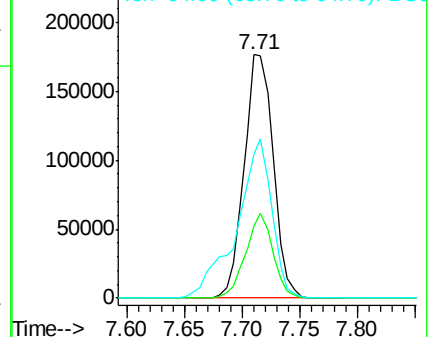
128 100

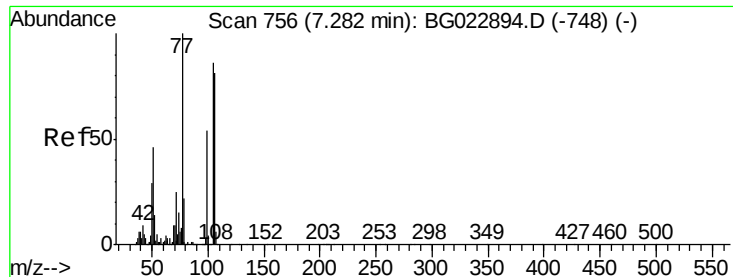
130 29.5 12.9 52.9

64 59.2 42.0 82.0



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: 40.99 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

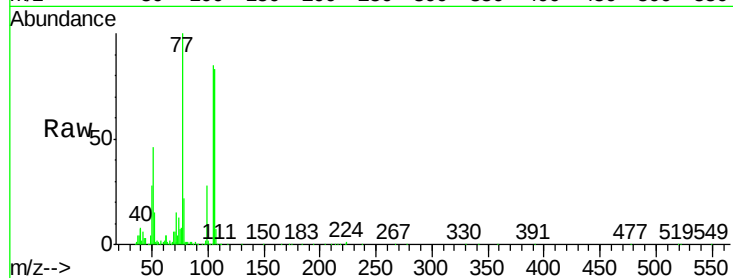
Tot Ion: 77 Resp: 294816

Ion Ratio Lower Upper

77 100

105 85.0 58.7 98.7

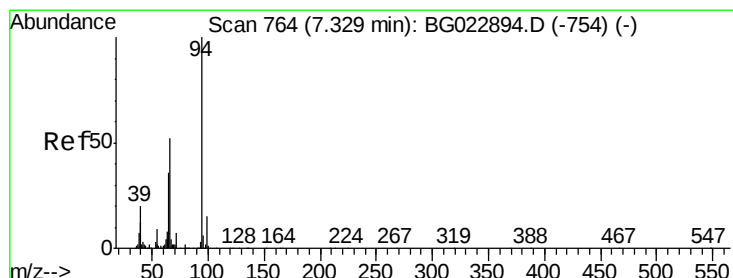
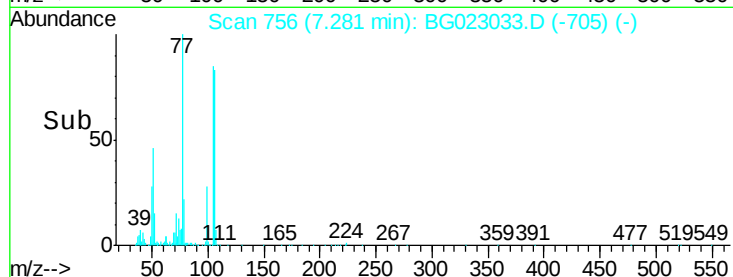
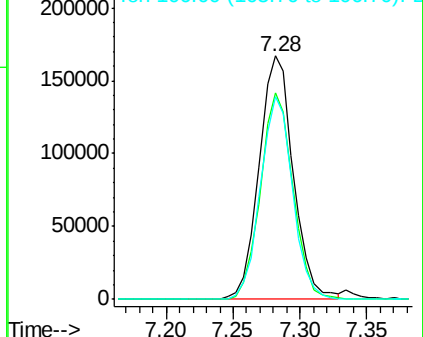
106 83.4 67.5 107.5



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: 7.33 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

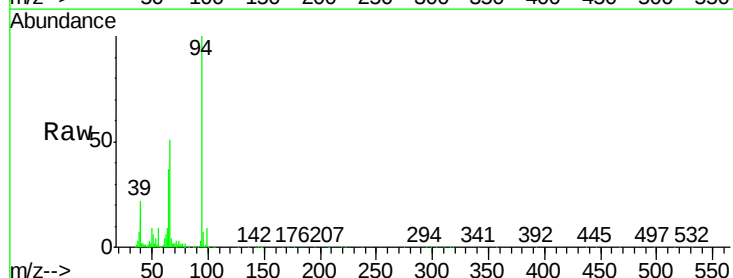
Tgt Ion: 94 Resp: 468843

Ion Ratio Lower Upper

94 100

65 36.8 18.1 58.1

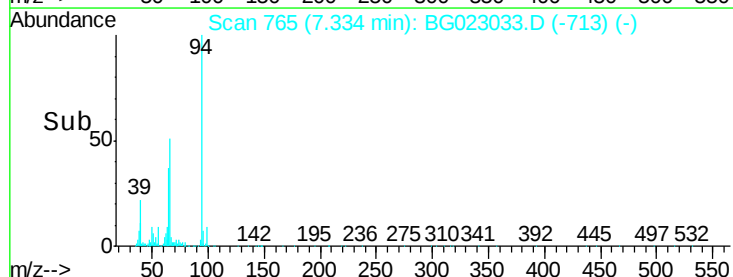
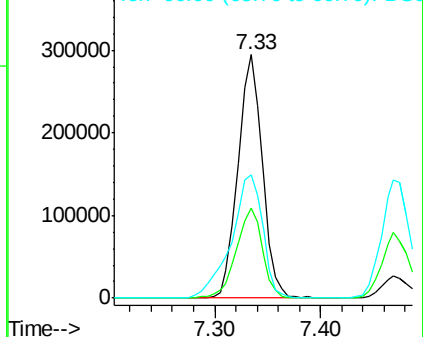
66 50.7 42.1 82.1

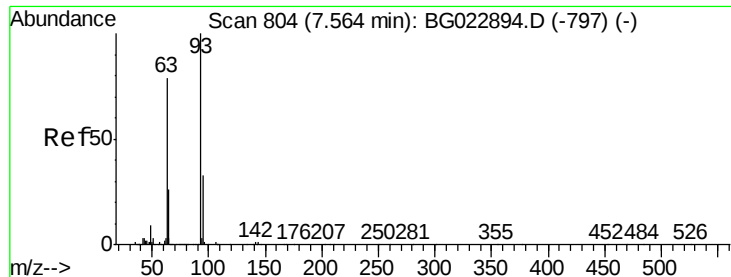


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

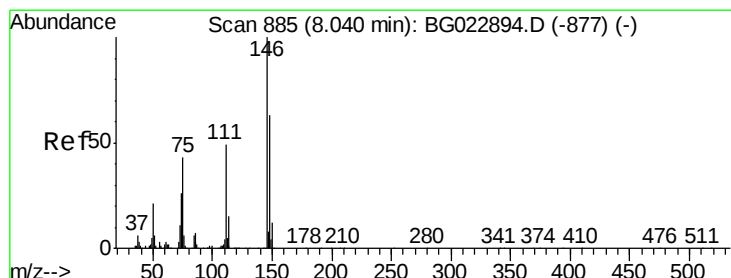
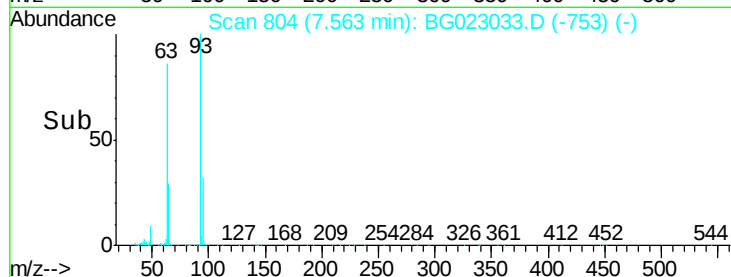
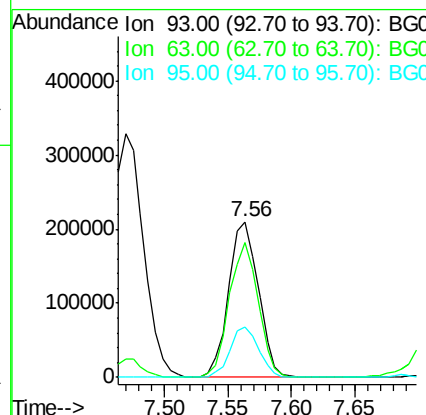
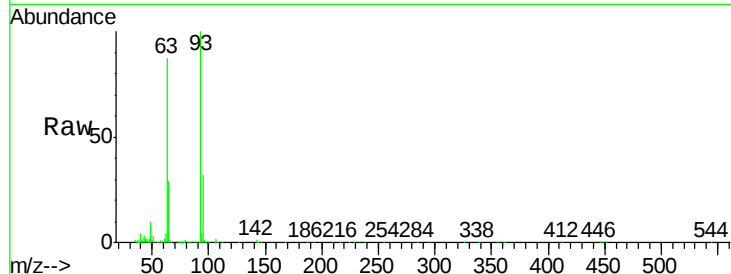




#11
bis(2-Chloroethyl)ether
Concen: 39.01 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

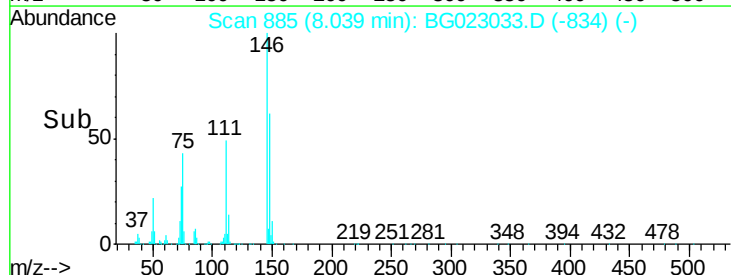
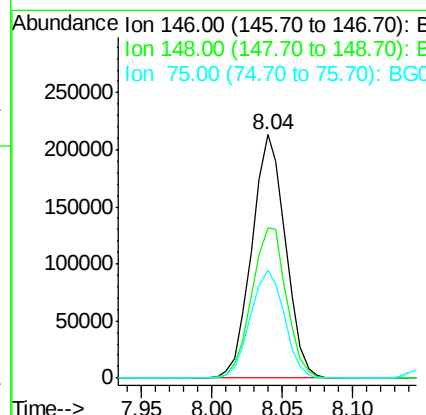
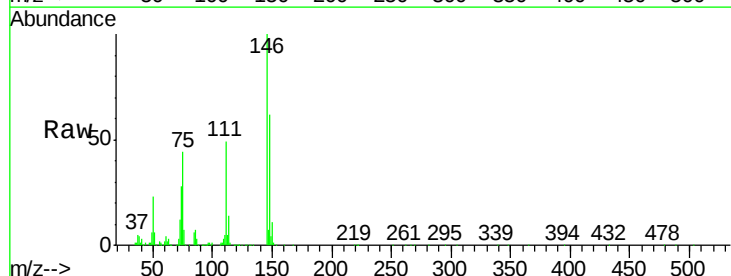
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

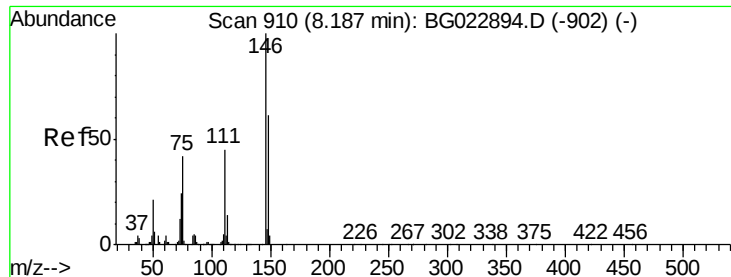
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.6	55.0	95.0
95	31.9	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 39.91 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	50.3	75.5
75	44.1	37.0	55.6

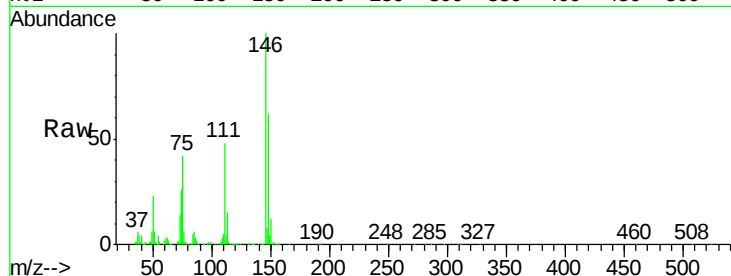




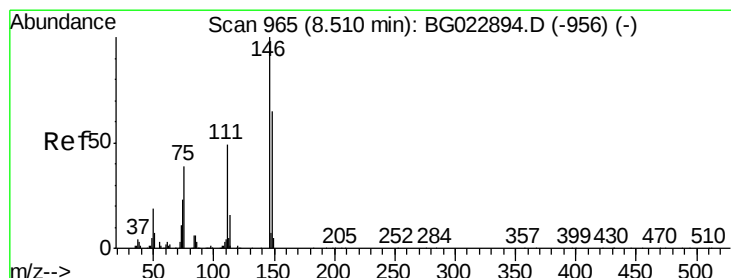
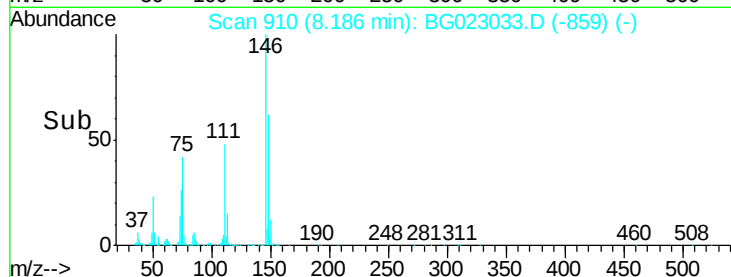
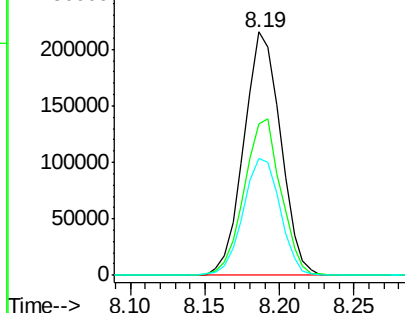
#13
1,4-Dichlorobenzene
Concen: 40.96 ng
RT: 8.19 min Scan# 910
Delta R.T. -0.00 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	54.5	81.7
111	47.9	37.8	56.8

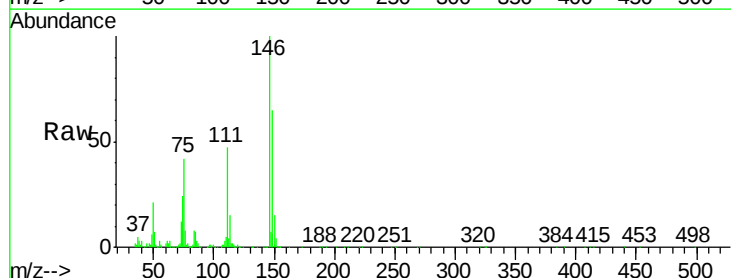


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

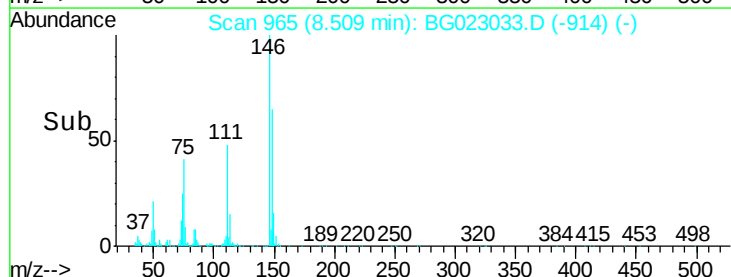
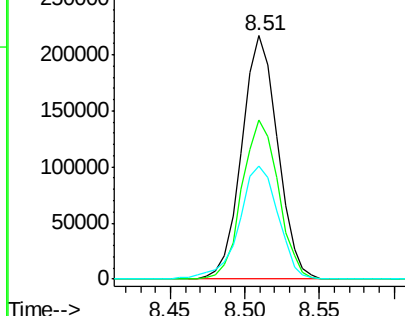


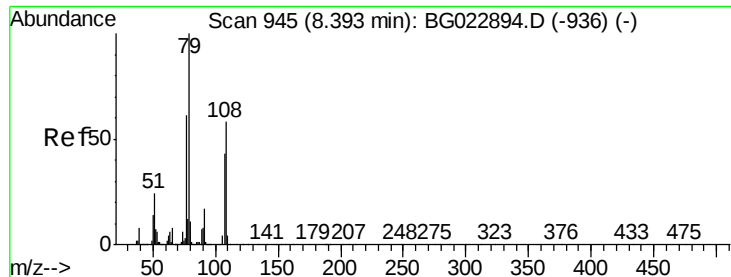
#14
1,2-Dichlorobenzene
Concen: 40.47 ng
RT: 8.51 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.9	79.3
111	46.5	43.5	65.3



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





#15

Benzyl Alcohol

Concen: 42.04 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

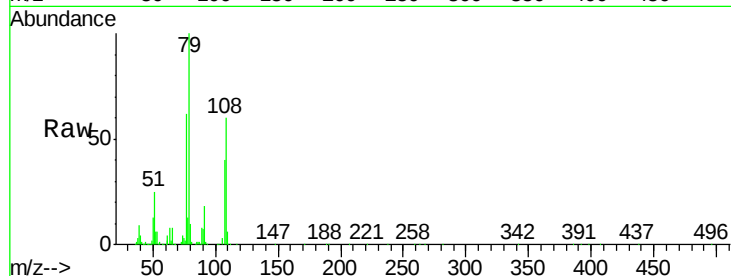
Tot Ion: 79 Resp: 414500

Ion Ratio Lower Upper

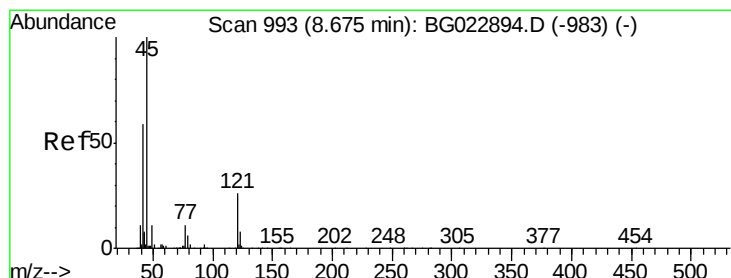
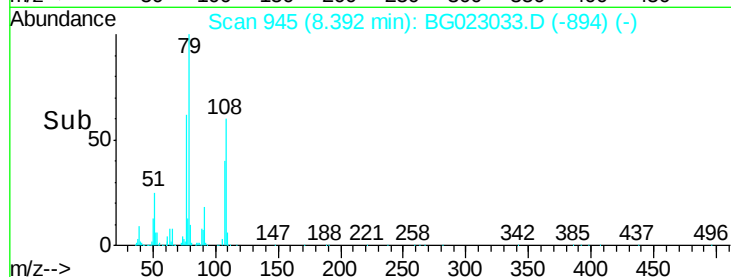
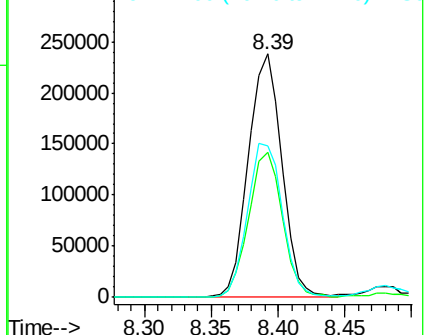
79 100

108 59.7 46.5 69.7

77 62.0 52.3 78.5



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: 41.19 ng

RT: 8.68 min Scan# 994

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

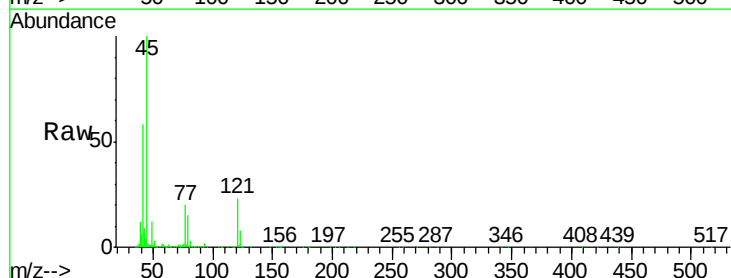
Tgt Ion: 45 Resp: 441618

Ion Ratio Lower Upper

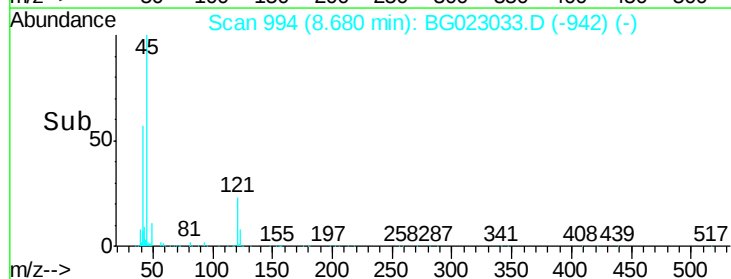
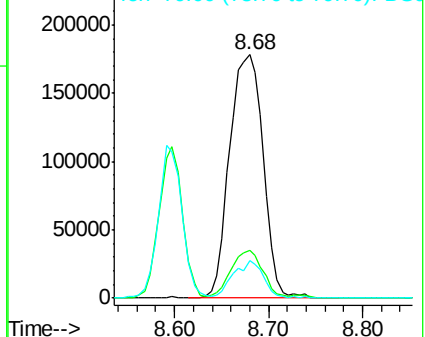
45 100

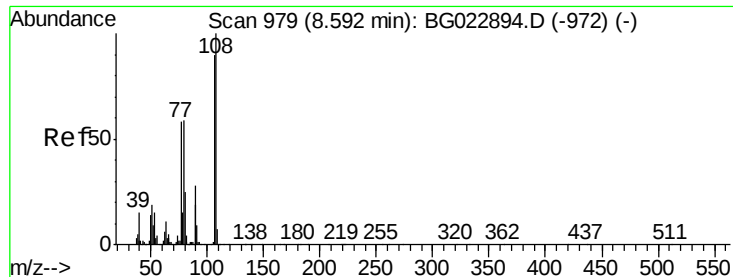
77 19.6 0.6 40.6

79 15.4 0.0 36.2



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: 42.94 ng

RT: 8.59 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 309598

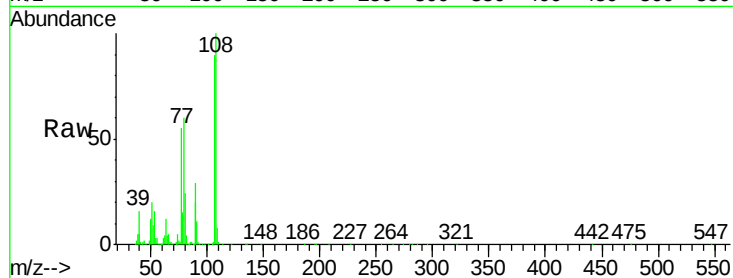
Ion Ratio Lower Upper

107 100

108 111.0 92.0 138.0

77 61.3 55.8 83.6

79 66.9 55.0 82.6

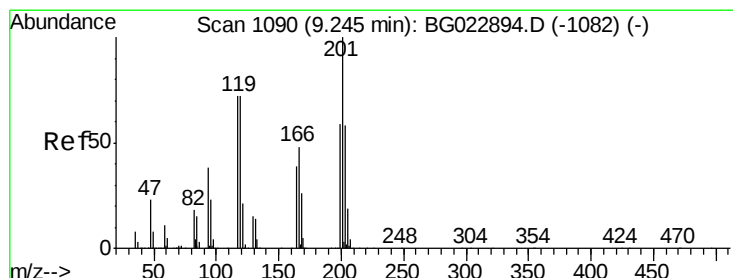
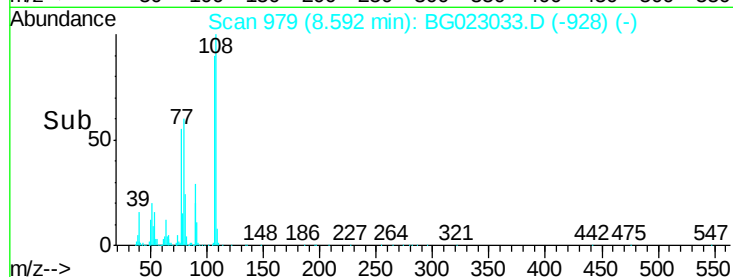
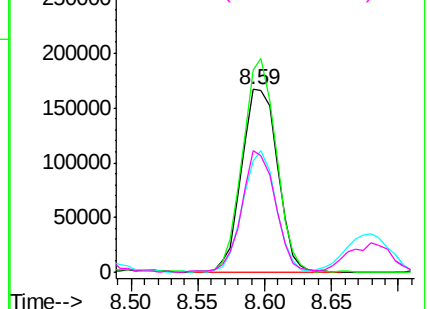


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.22 ng

RT: 9.24 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

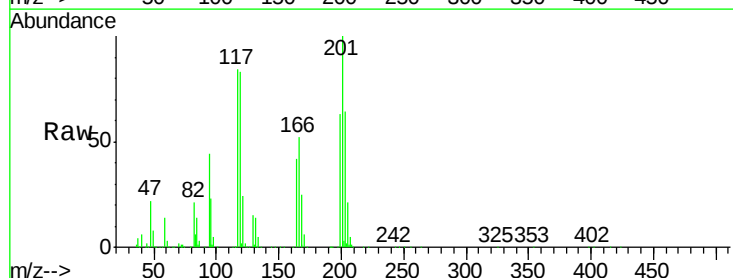
Tgt Ion:117 Resp: 159739

Ion Ratio Lower Upper

117 100

119 98.8 73.7 110.5

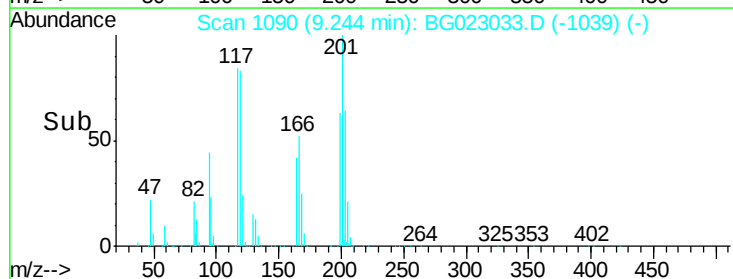
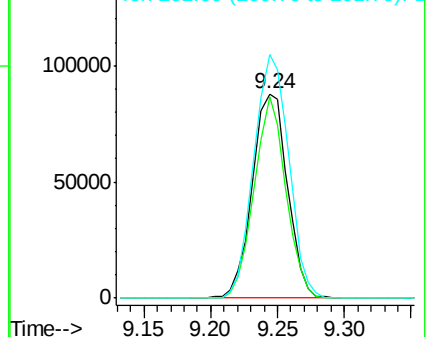
201 119.4 88.7 133.1

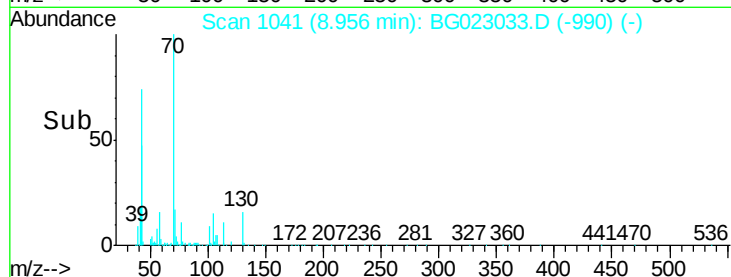
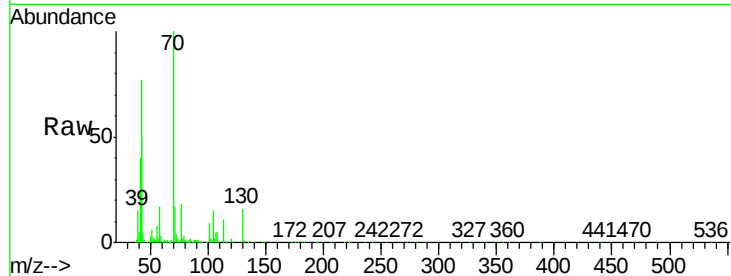
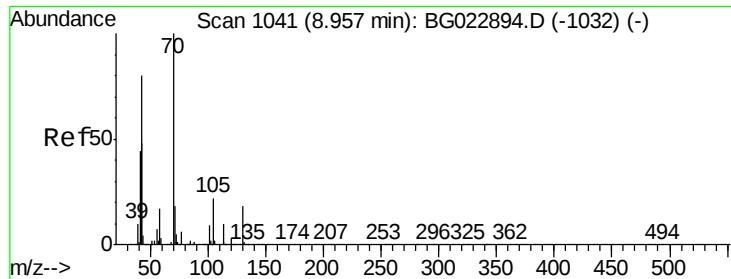


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

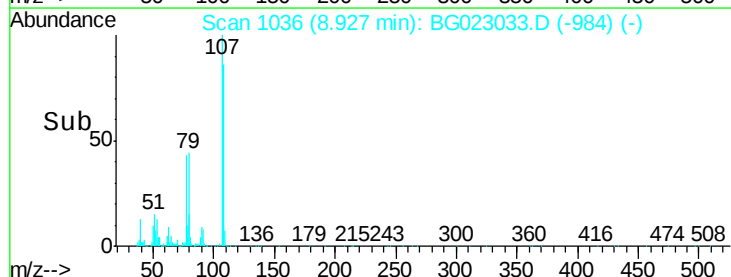
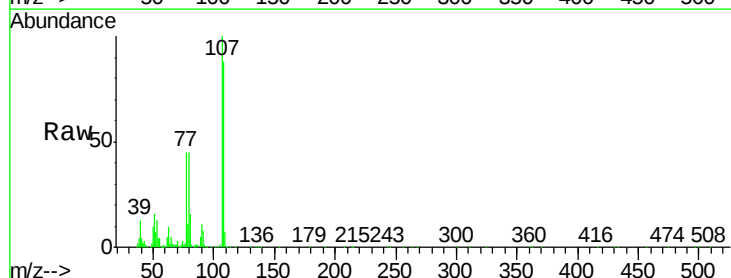
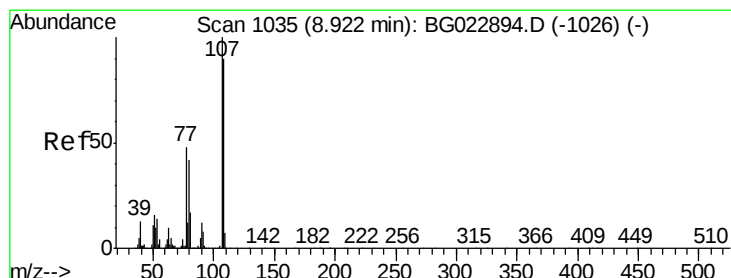
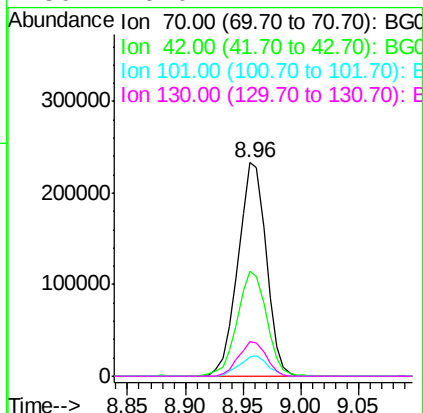




#19
n-Nitroso-di-n-propylamine
Concen: 40.85 ng
RT: 8.96 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

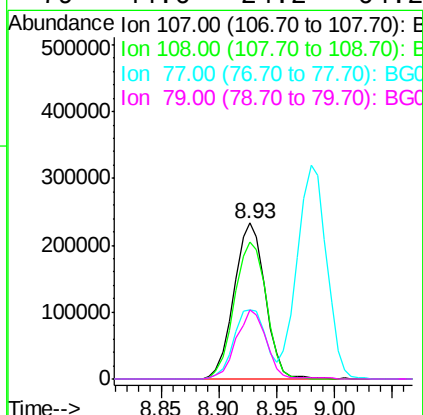
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

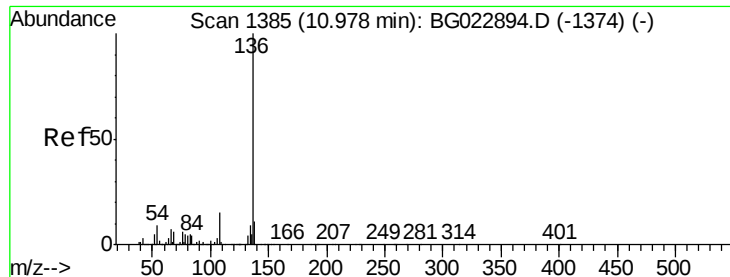
Tot Ion:	70	Resp:	396346
Ion	Ratio	Lower	Upper
70	100		
42	49.0	42.1	63.1
101	9.1	7.2	10.8
130	16.0	14.2	21.2



#20
3+4-Methylphenols
Concen: 43.40 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:	107	Resp:	436396
Ion	Ratio	Lower	Upper
107	100		
108	88.1	72.5	112.5
77	44.7	30.1	70.1
79	44.6	24.2	64.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 560091

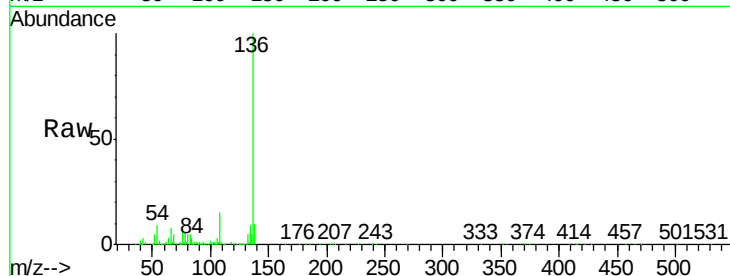
Ion Ratio Lower Upper

136 100

137 10.3 9.6 14.4

54 9.1 7.3 10.9

68 5.3 5.3 7.9

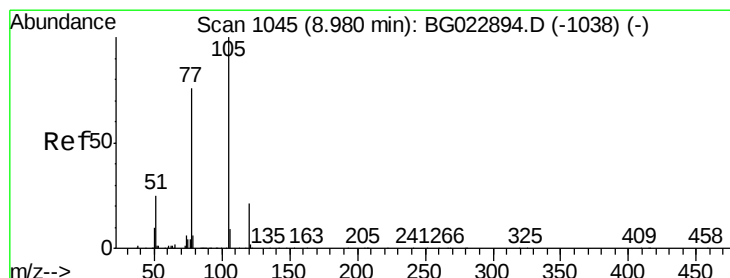
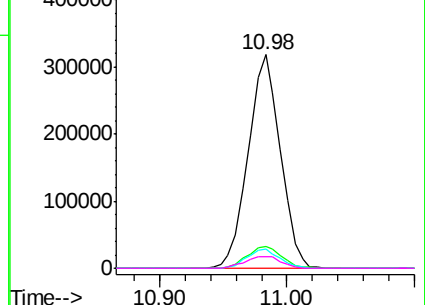
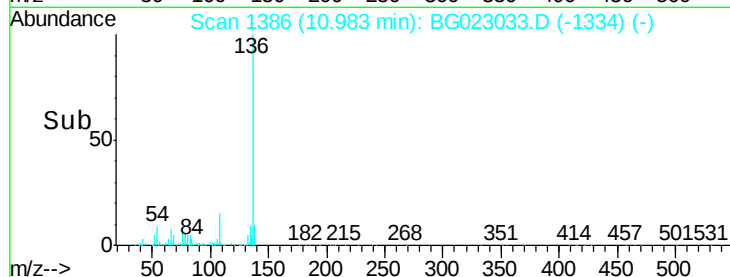


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.55 ng

RT: 8.98 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Tgt Ion:105 Resp: 631136

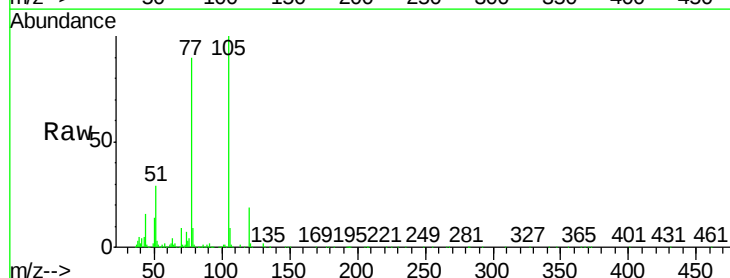
Ion Ratio Lower Upper

105 100

71 1.1 2.6 3.8#

51 28.7 27.1 40.7

120 19.1 15.1 22.7

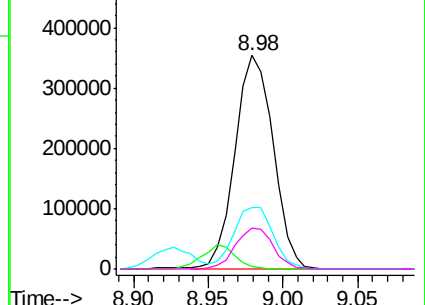
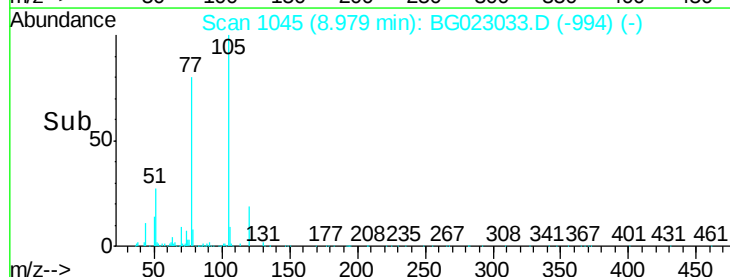


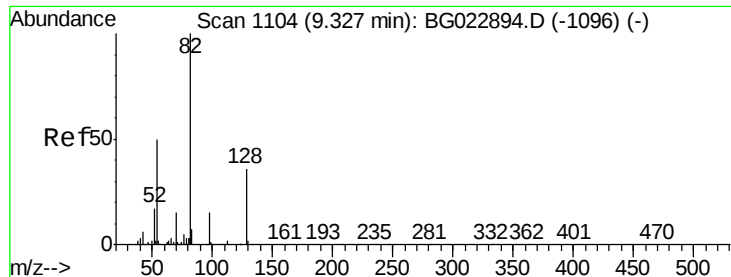
Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.68 ng

RT: 9.33 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

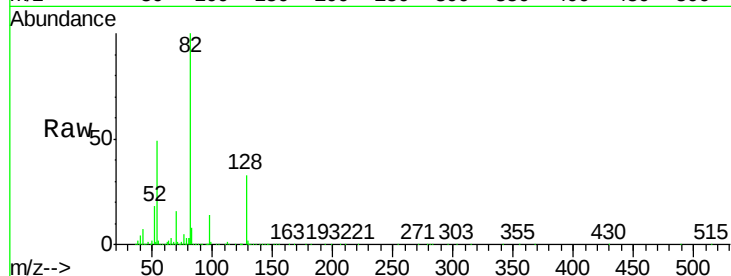
Tot Ion: 82 Resp: 1029201

Ion Ratio Lower Upper

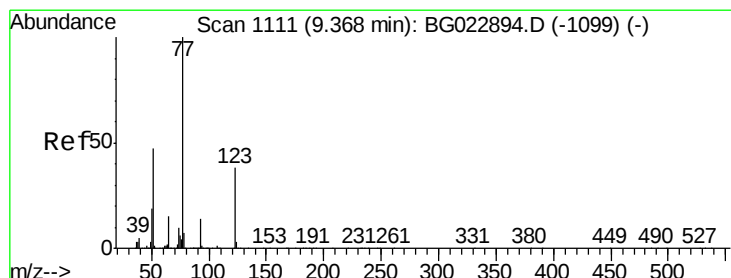
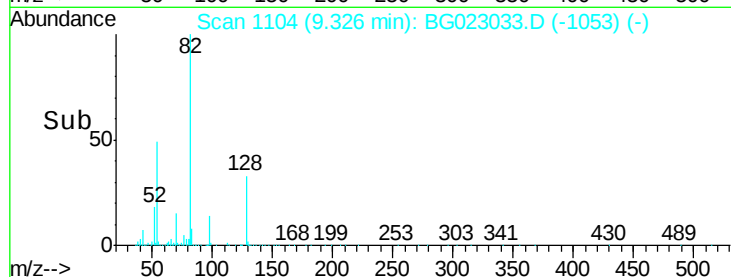
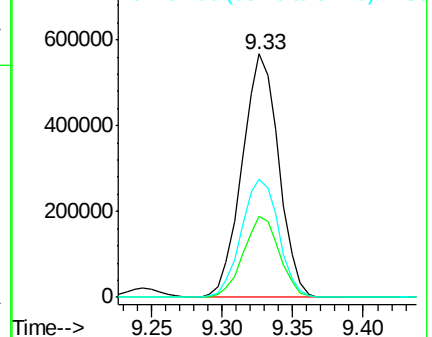
82 100

128 33.3 24.4 36.6

54 48.7 41.4 62.0



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: 38.99 ng

RT: 9.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

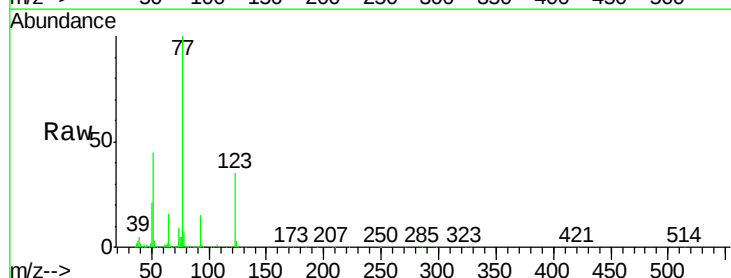
Tgt Ion: 77 Resp: 541987

Ion Ratio Lower Upper

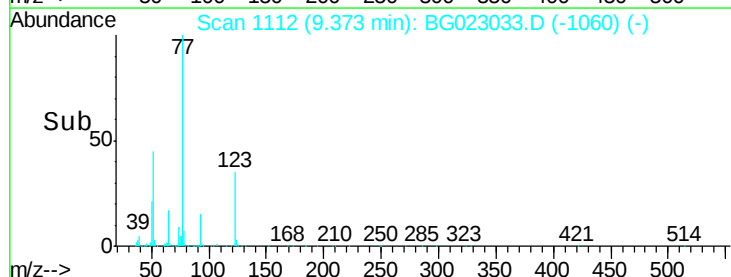
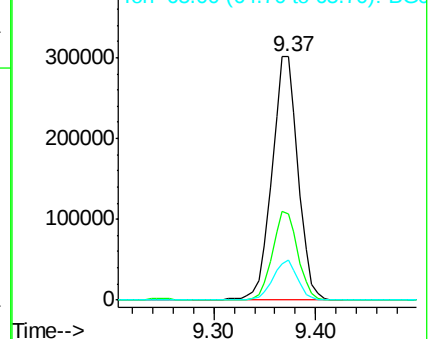
77 100

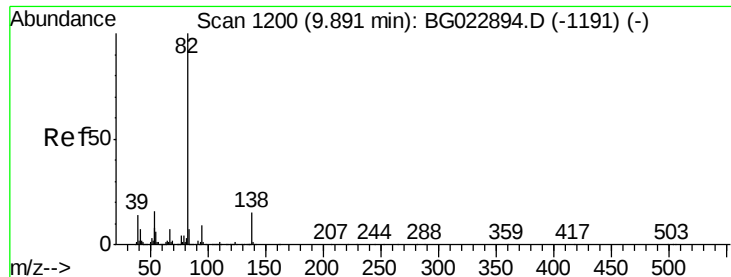
123 35.4 25.0 37.6

65 16.5 13.4 20.0



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: 36.77 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

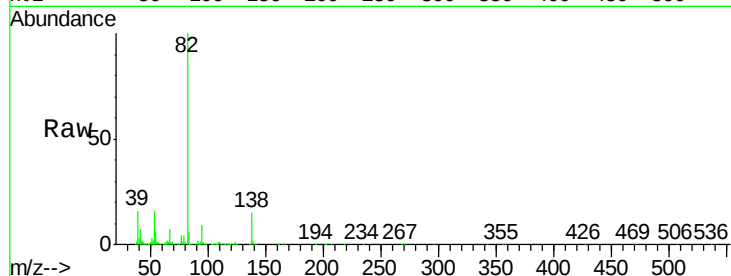
Tot Ion: 82 Resp: 967264

Ion Ratio Lower Upper

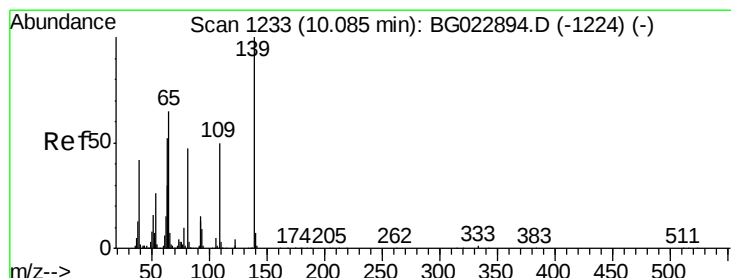
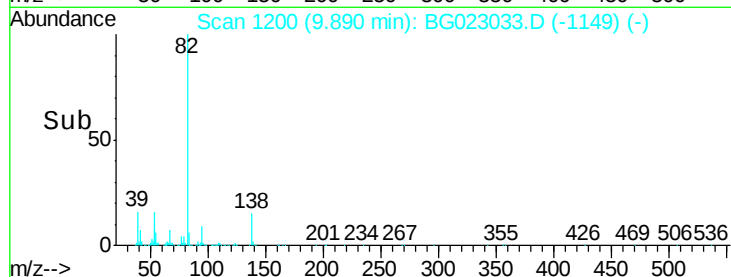
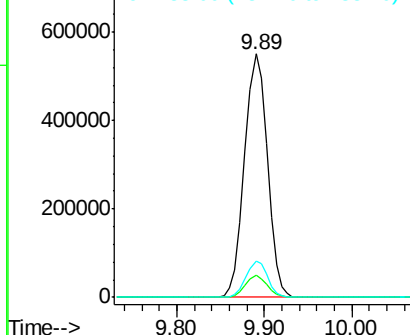
82 100

95 8.9 8.2 12.2

138 14.9 10.7 16.1



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: 39.85 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

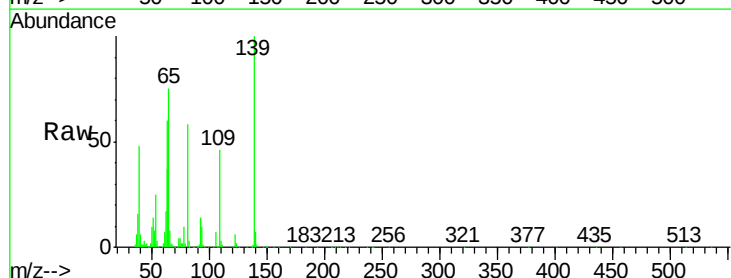
Tgt Ion: 139 Resp: 217355

Ion Ratio Lower Upper

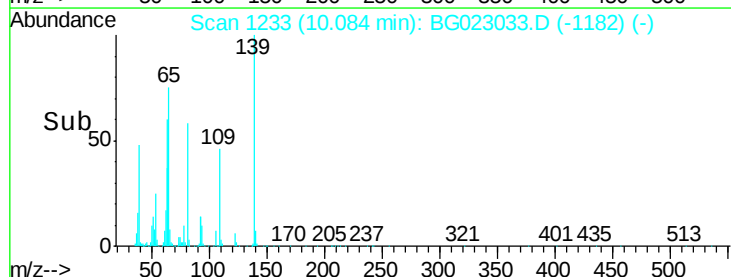
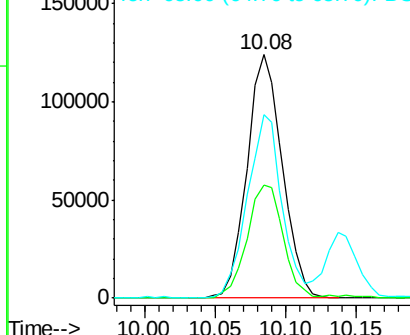
139 100

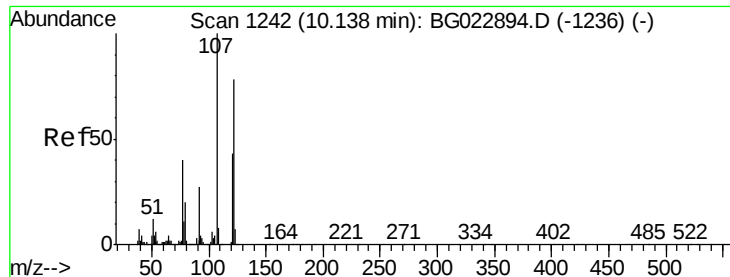
109 46.3 43.5 65.3

65 75.4 64.3 96.5



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: 37.40 ng

RT: 10.14 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

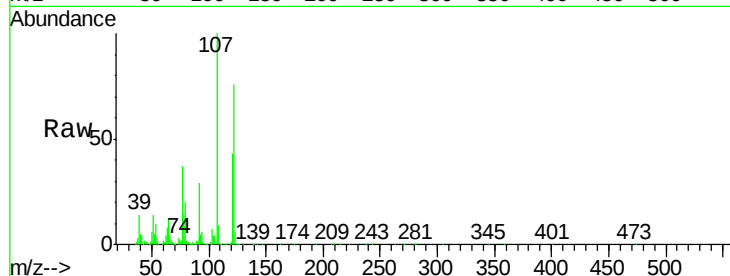
Tot Ion:122 Resp: 352563

Ion Ratio Lower Upper

122 100

107 132.0 117.0 175.4

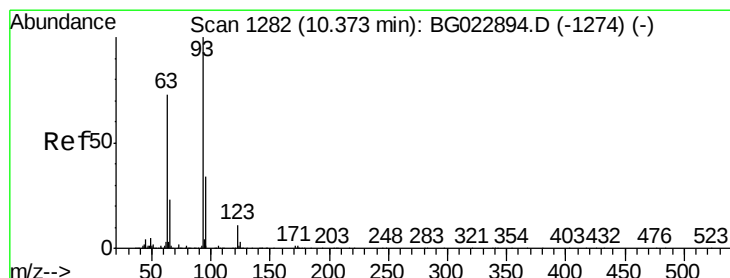
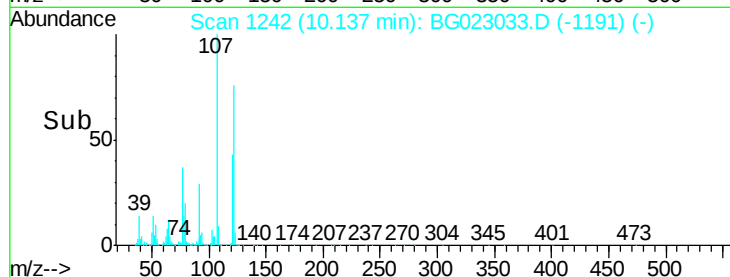
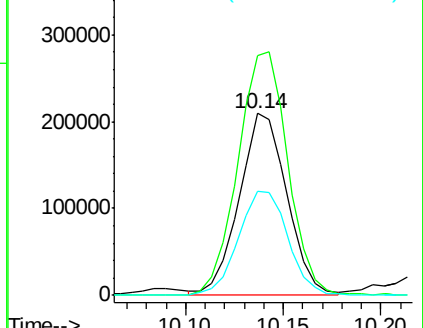
121 57.3 50.1 75.1



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: 37.69 ng

RT: 10.37 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

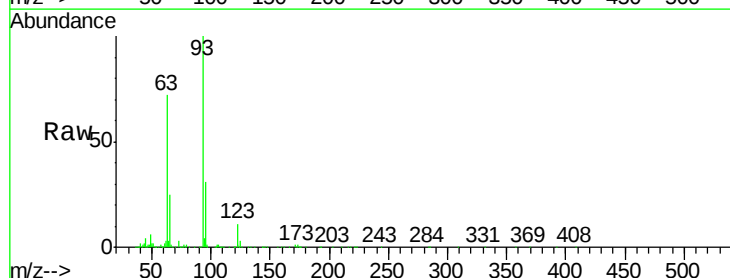
Tgt Ion: 93 Resp: 553001

Ion Ratio Lower Upper

93 100

95 31.5 25.4 38.2

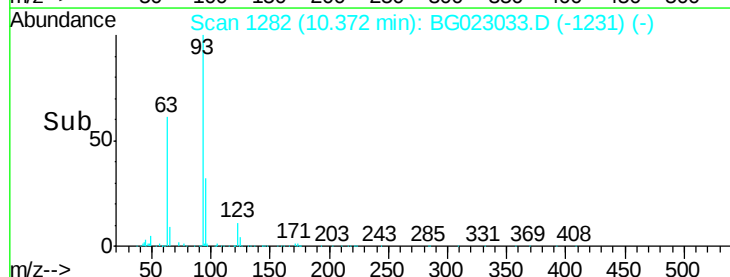
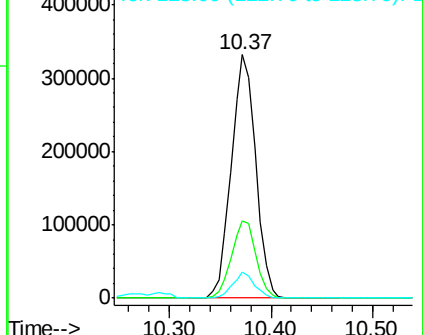
123 10.7 8.2 12.2

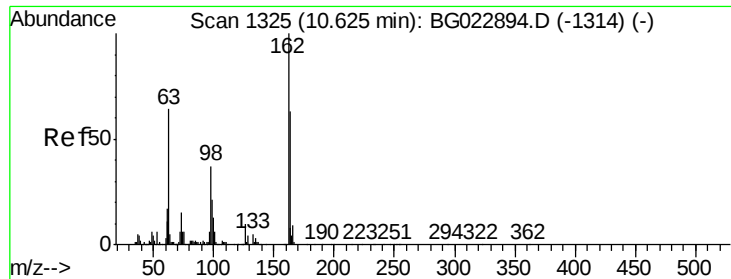


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

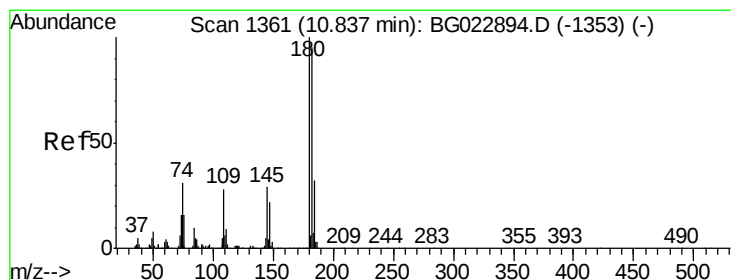
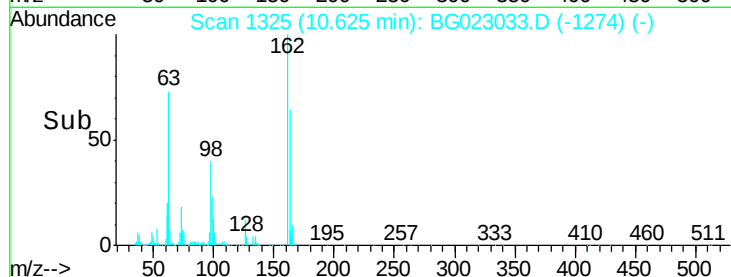
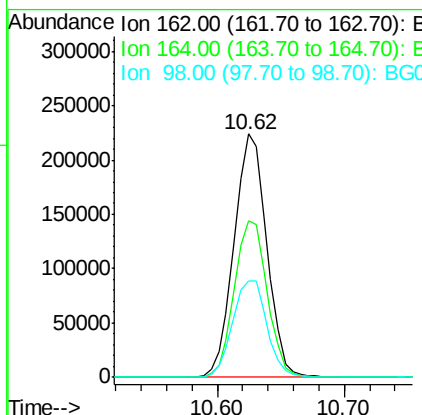
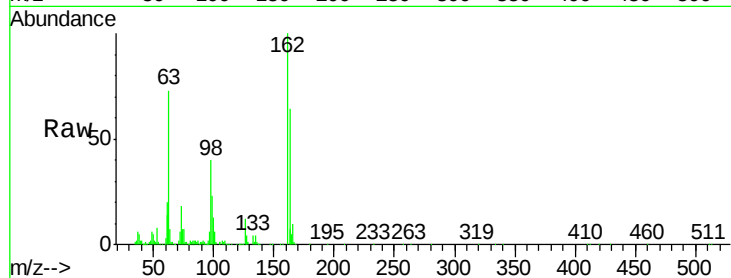




#29
 2,4-Dichlorophenol
 Concen: 39.78 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

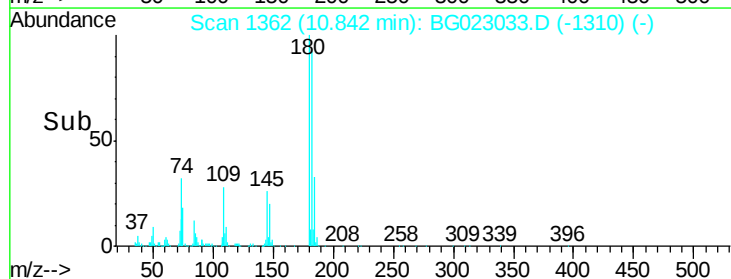
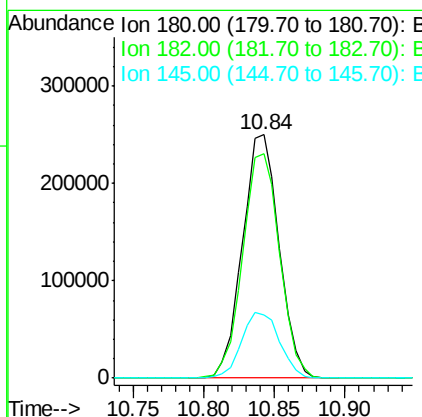
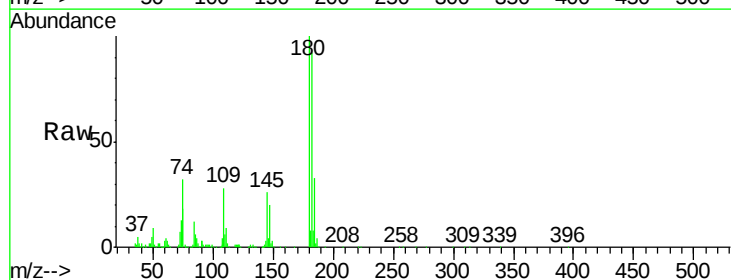
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

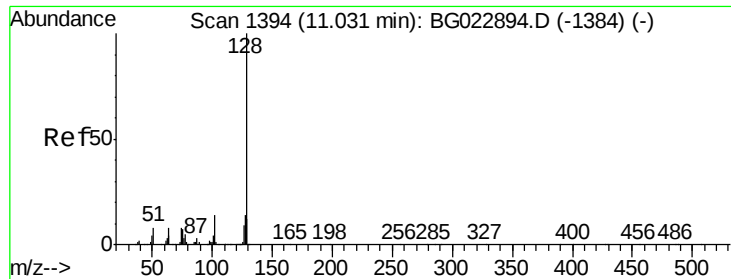
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.3	84.3
98	39.7	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.44 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	73.8	110.8
145	26.2	24.4	36.6

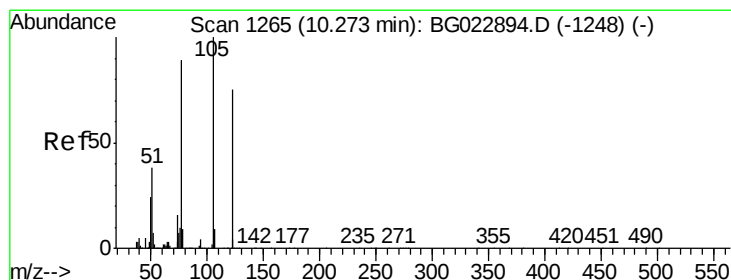
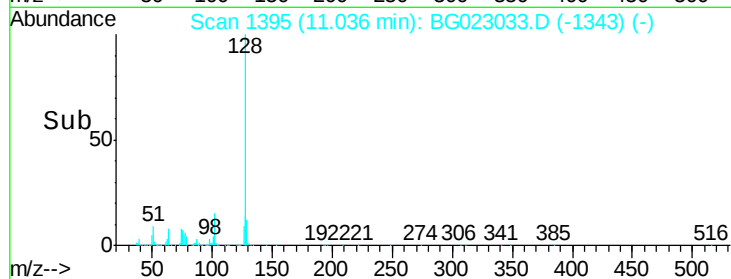
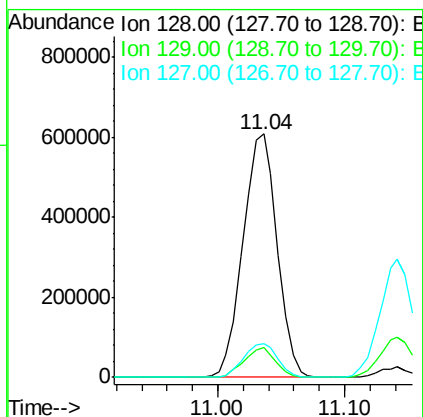
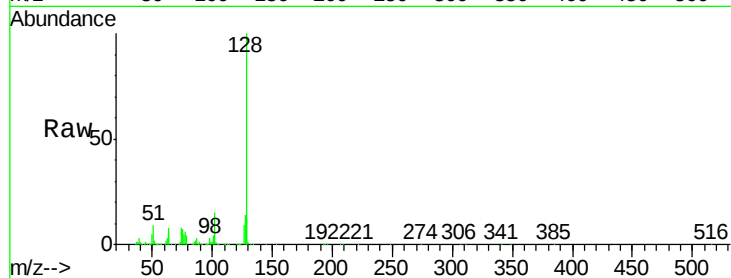




#31
Naphthalene
Concen: 39.75 ng
RT: 11.04 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

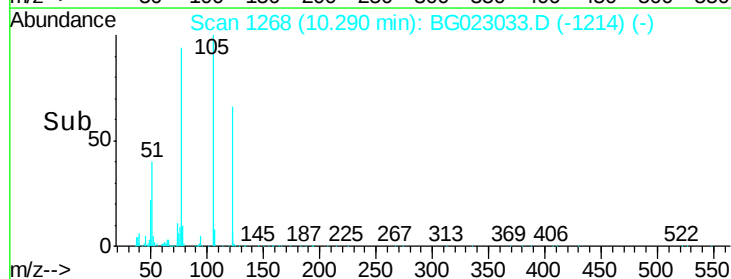
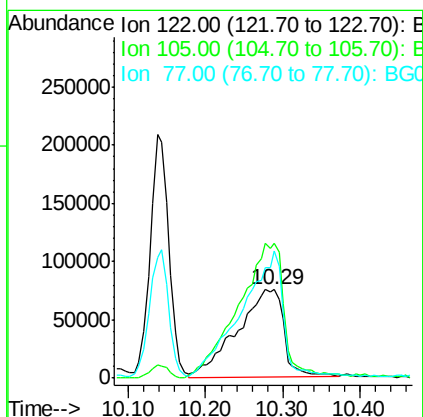
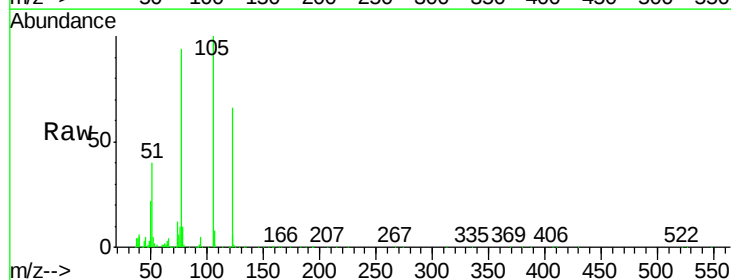
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

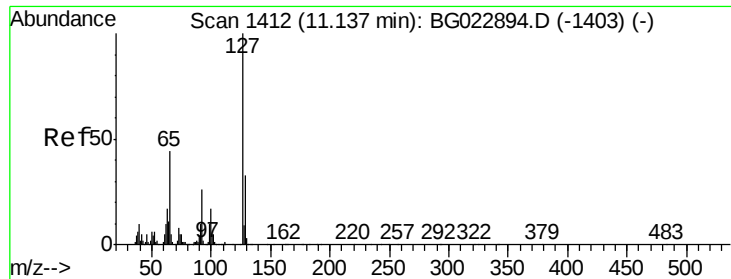
Tot Ion:128 Resp: 1133424
Ion Ratio Lower Upper
128 100
129 12.3 9.4 14.0
127 14.1 11.3 16.9



#32
Benzoic acid
Concen: 36.90 ng
RT: 10.29 min Scan# 1268
Delta R.T. 0.02 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:122 Resp: 316479
Ion Ratio Lower Upper
122 100
105 152.5 117.2 157.2
77 143.3 109.2 149.2

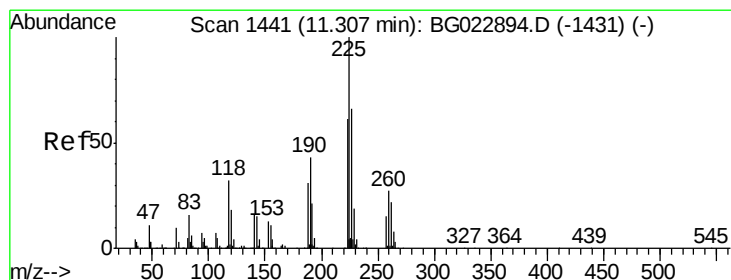
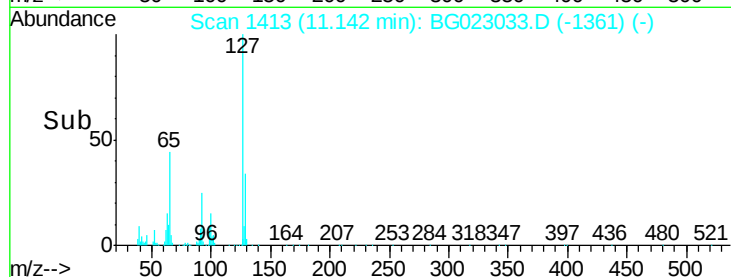
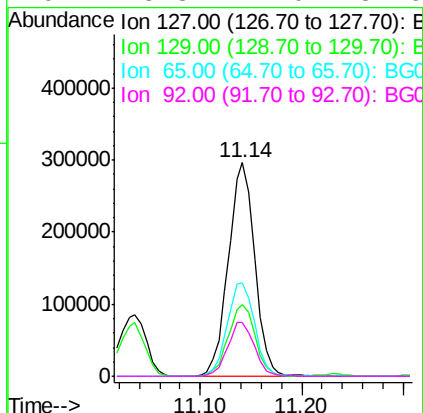
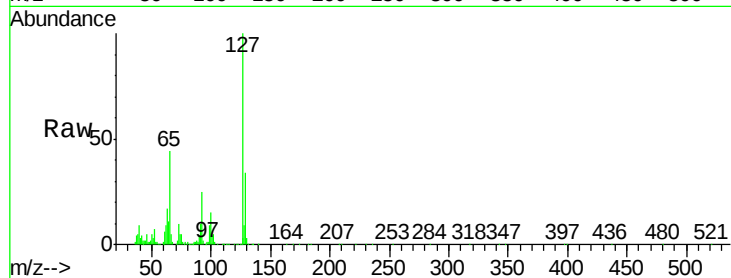




#33
4-Chloroaniline
Concen: 38.39 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

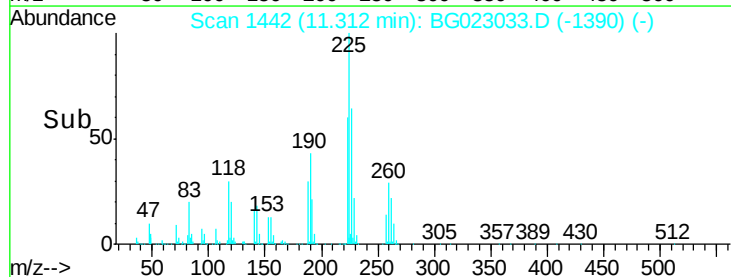
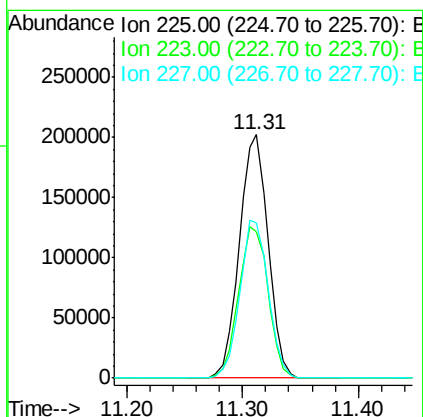
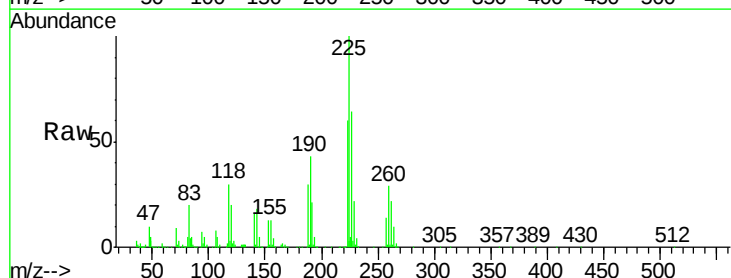
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

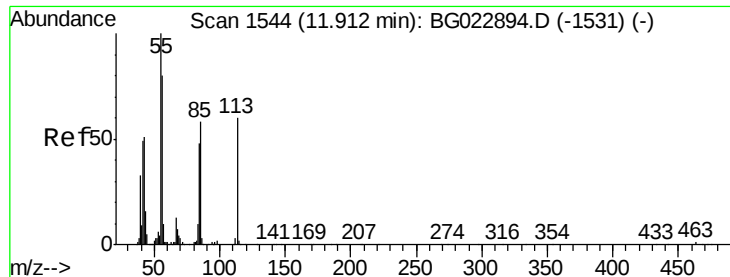
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	27.9	41.9
65	44.0	36.8	55.2
92	25.3	21.0	31.6



#34
Hexachlorobutadiene
Concen: 37.24 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	49.6	74.4
227	63.9	54.5	81.7





#35

Caprolactam

Concen: 31.94 ng

RT: 11.92 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

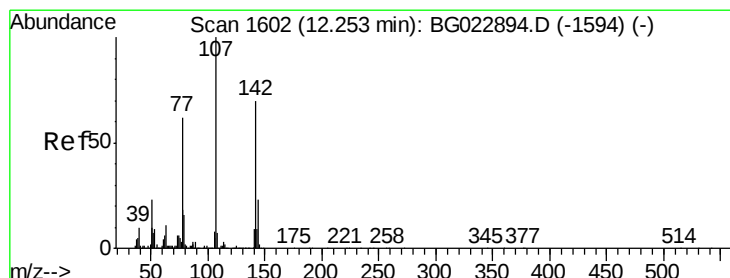
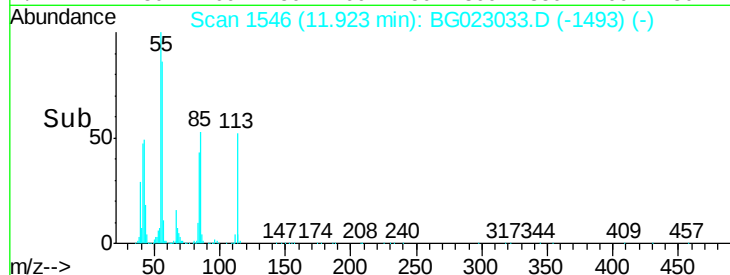
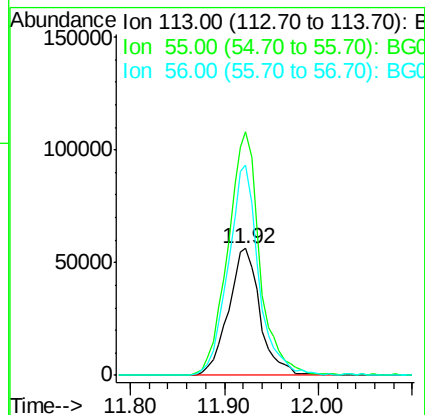
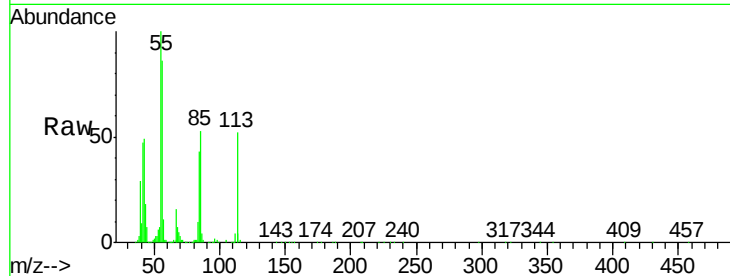
Tot Ion:113 Resp: 132129

Ion Ratio Lower Upper

113 100

55 192.1 154.5 194.5

56 165.6 125.1 165.1#



#36

4-Chloro-3-methylphenol

Concen: 37.79 ng

RT: 12.26 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

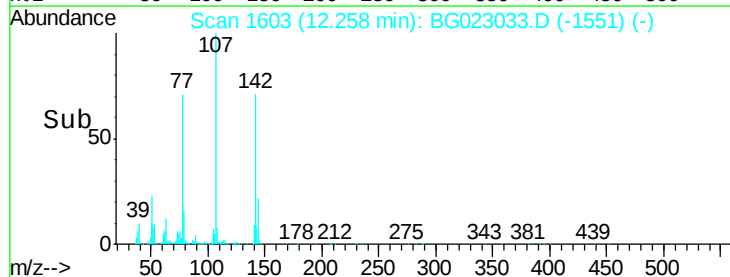
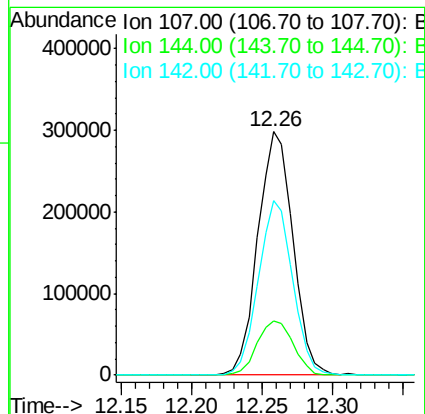
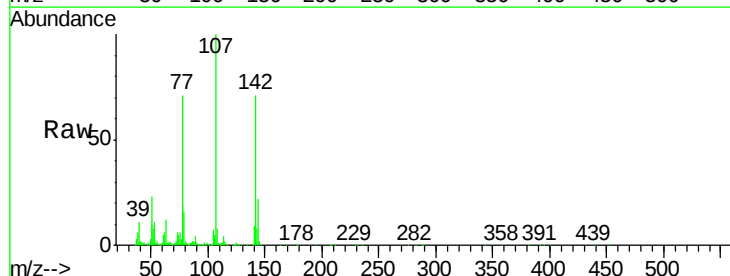
Tgt Ion:107 Resp: 519743

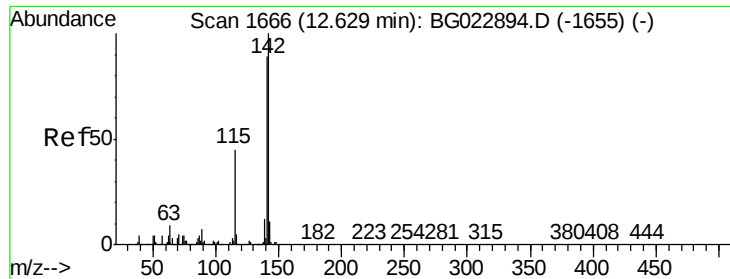
Ion Ratio Lower Upper

107 100

144 22.3 17.0 25.6

142 71.5 53.0 79.6

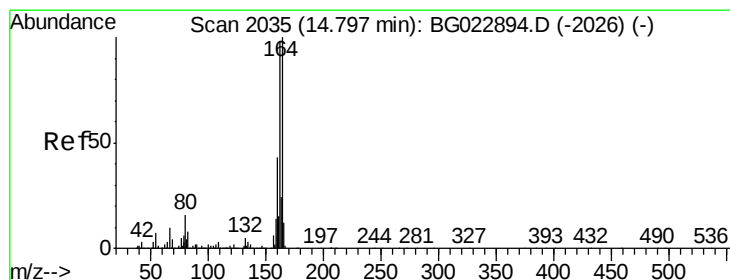
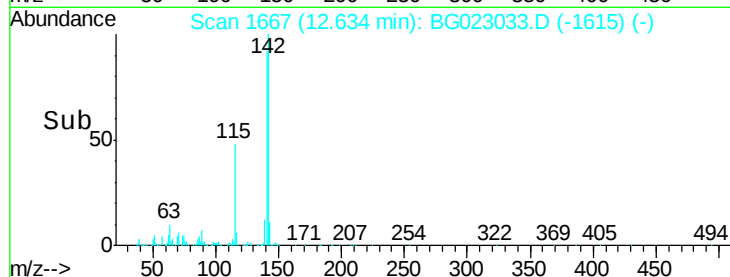
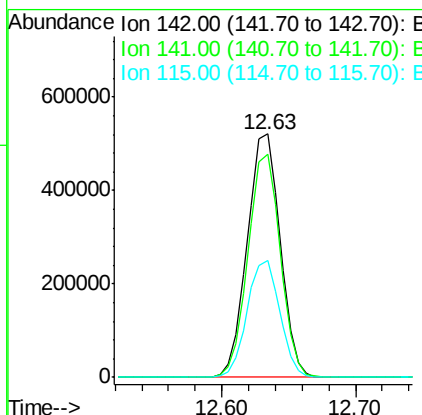
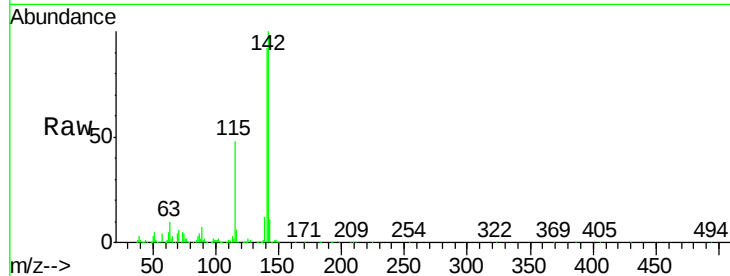




#37
2-Methylnaphthalene
Concen: 39.33 ng
RT: 12.63 min Scan# 1667
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

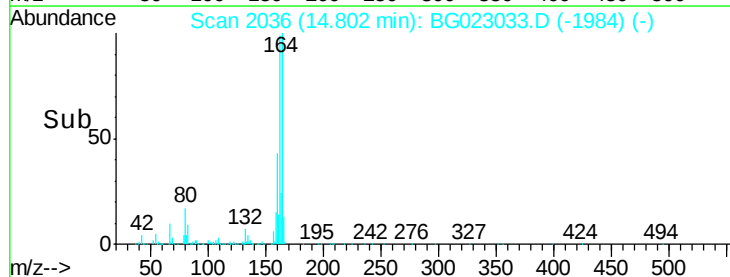
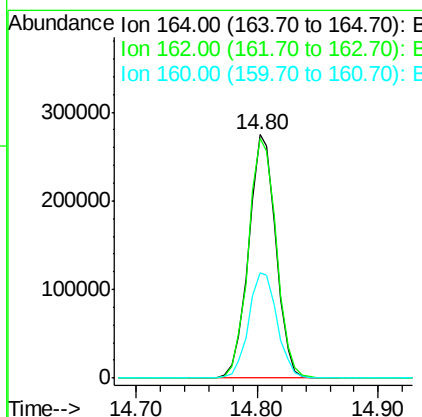
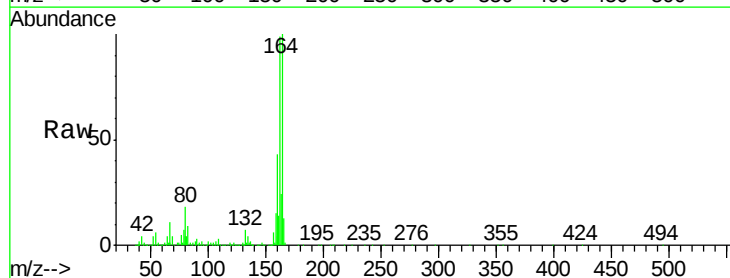
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

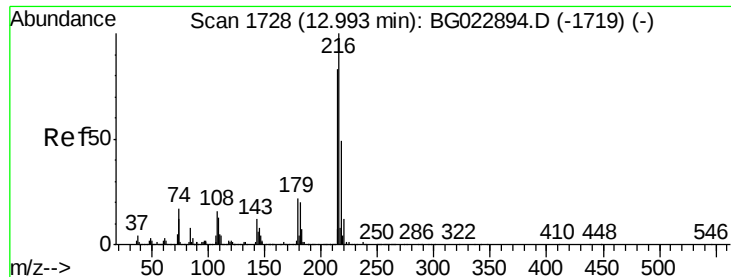
Tot Ion:142 Resp: 886181
Ion Ratio Lower Upper
142 100
141 91.7 70.2 105.2
115 48.0 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:164 Resp: 431505
Ion Ratio Lower Upper
164 100
162 98.6 87.7 131.5
160 43.3 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.81 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 703120

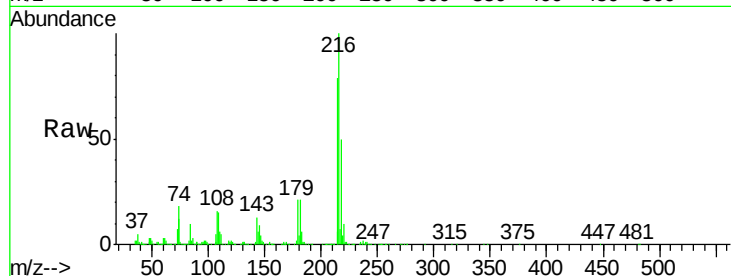
Ion Ratio Lower Upper

216 100

214 82.6 62.9 94.3

179 21.0 17.2 25.8

108 18.9 16.3 24.5

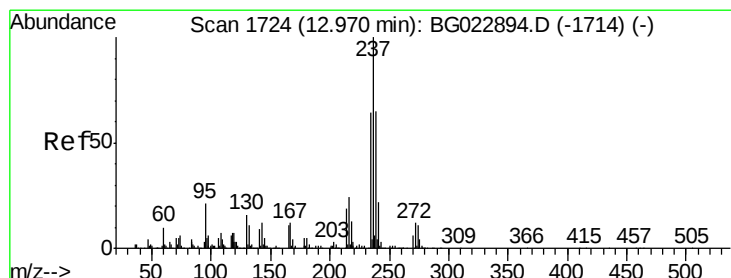
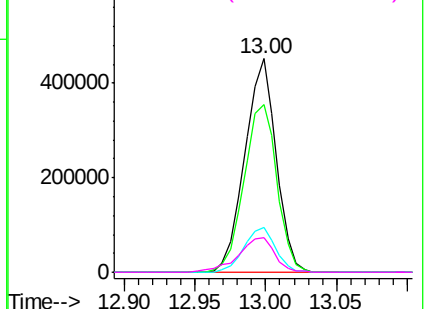
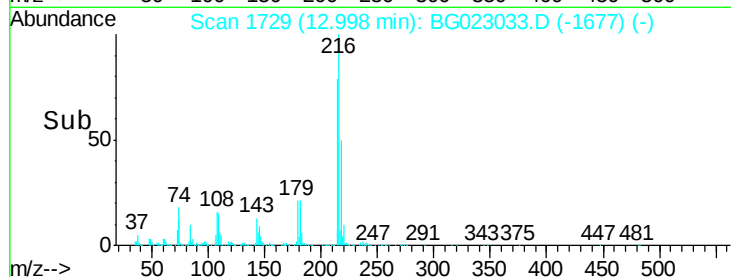


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.99 ng

RT: 12.97 min Scan# 1725

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

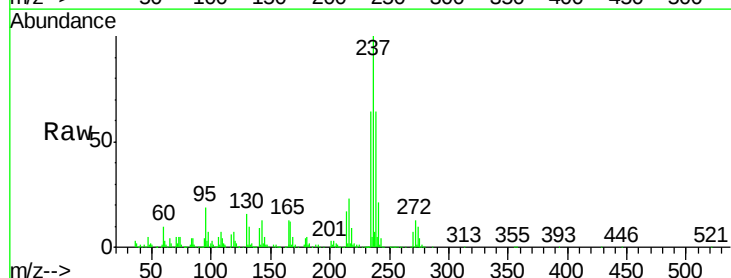
Tgt Ion:237 Resp: 460196

Ion Ratio Lower Upper

237 100

235 64.4 43.1 83.1

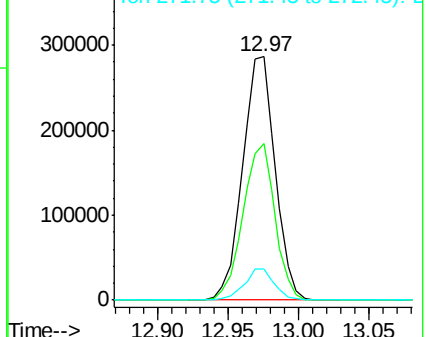
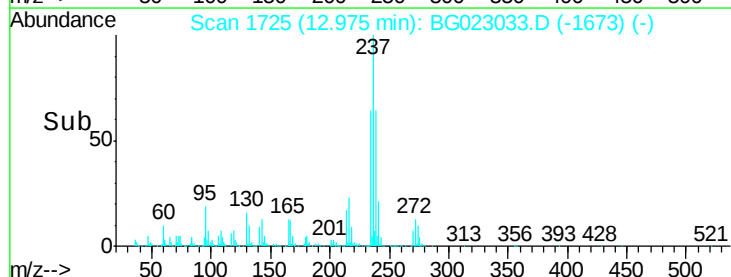
272 12.6 0.0 30.9

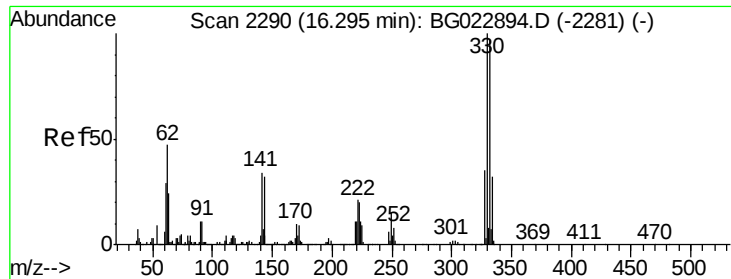


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

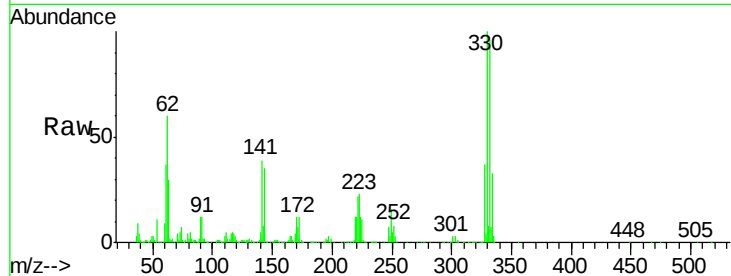




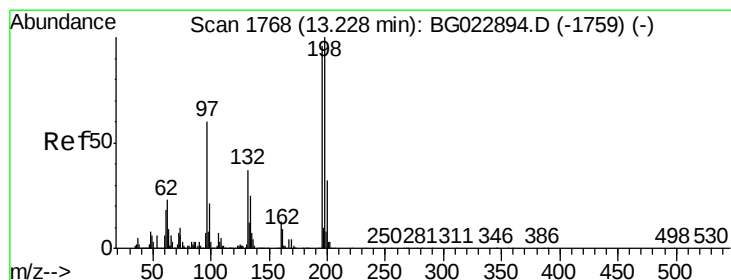
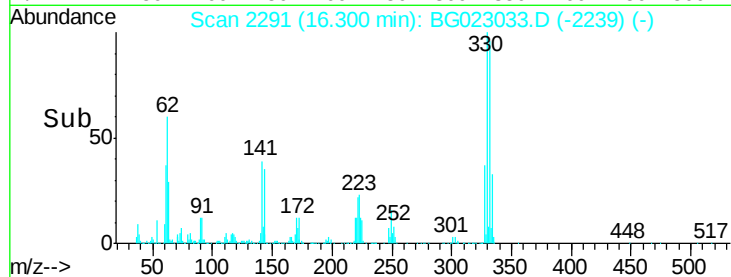
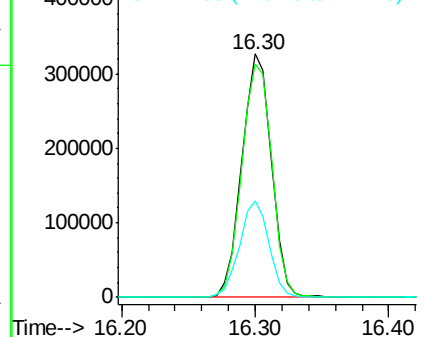
#41
 2,4,6-Tribromophenol
 Concen: 64.27 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 498442
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 39.6 31.7 47.5

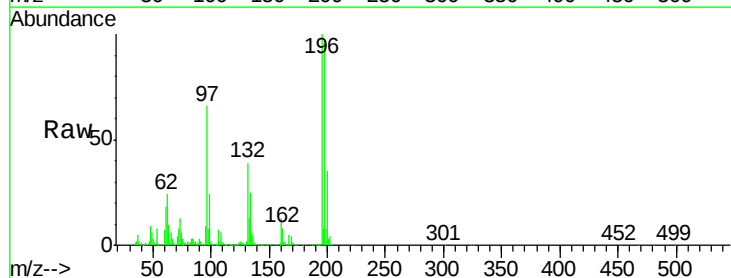


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

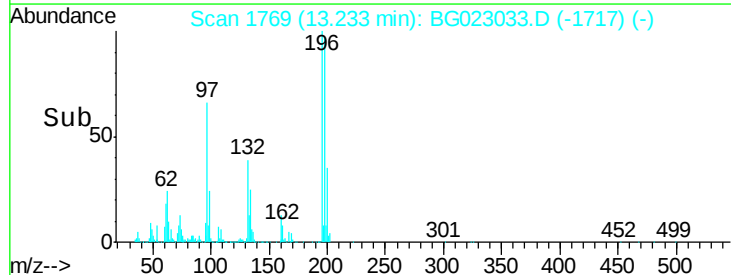
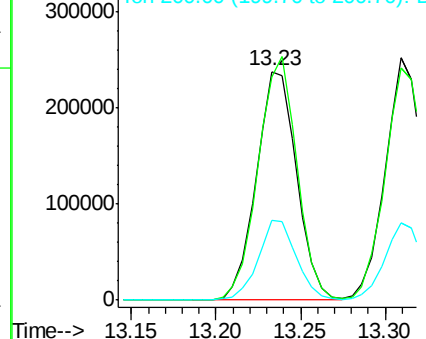


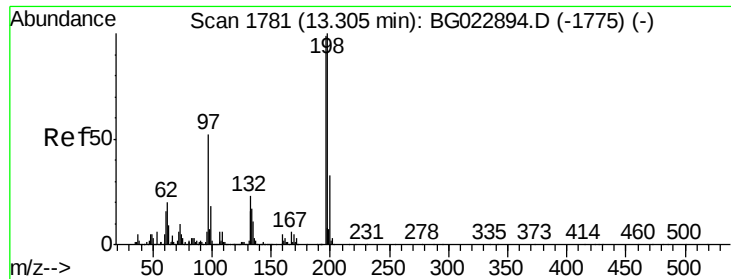
#42
 2,4,6-Trichlorophenol
 Concen: 36.96 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion:196 Resp: 395051
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.2 117.2
 200 34.8 27.0 40.4



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

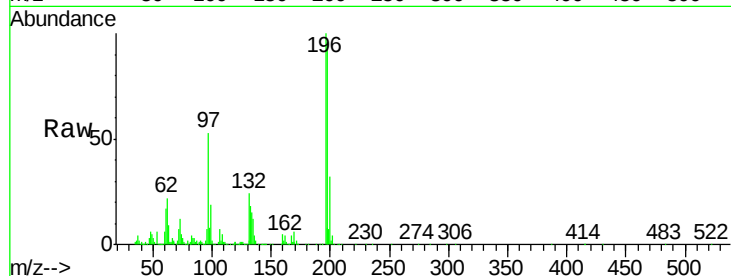




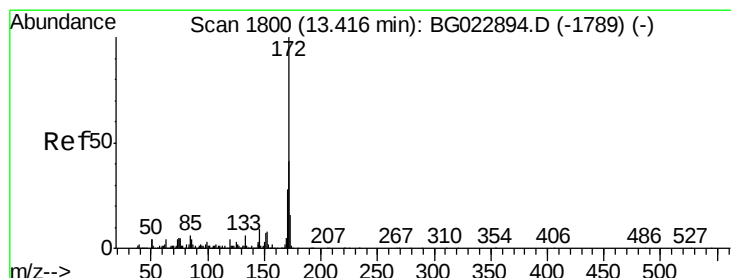
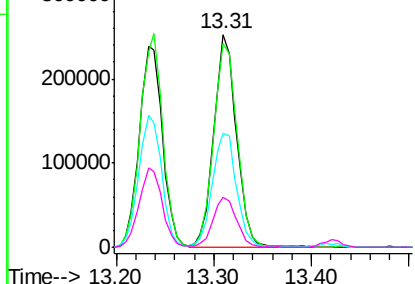
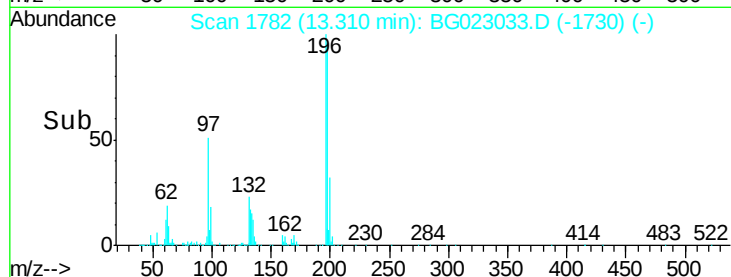
#43
 2,4,5-Trichlorophenol
 Concen: 36.99 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	85.7	128.5
97	53.5	45.5	68.3
132	23.5	18.9	28.3

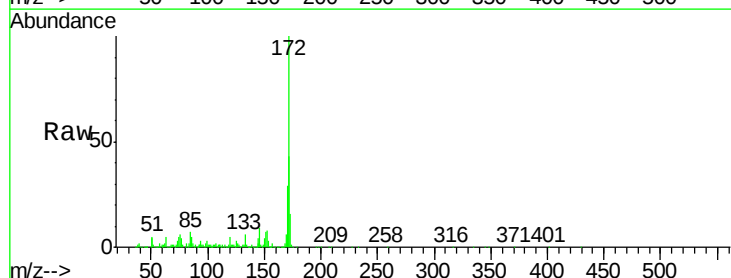


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

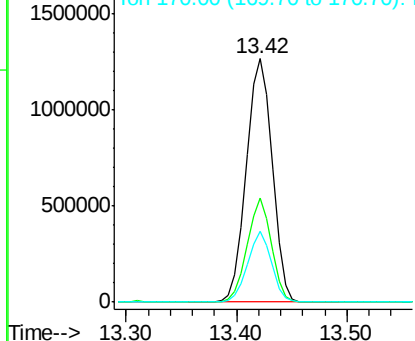
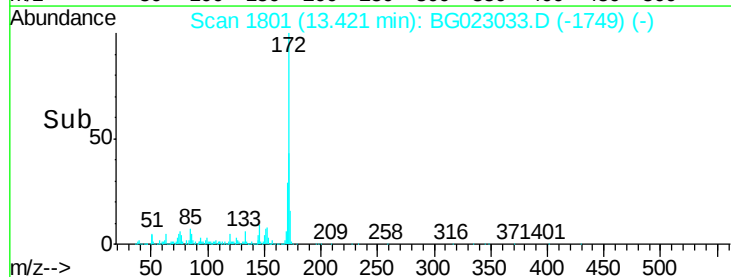


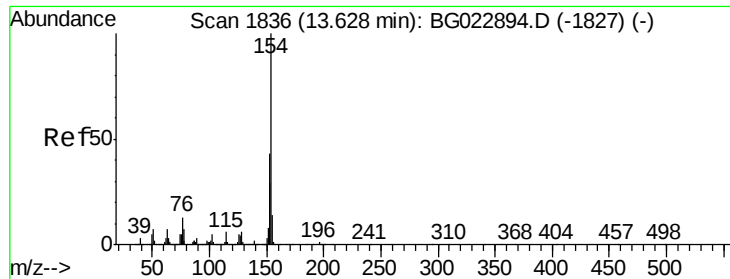
#44
 2-Fluorobiphenyl
 Concen: 76.30 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.7	31.6	47.4
170	29.0	21.3	31.9



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



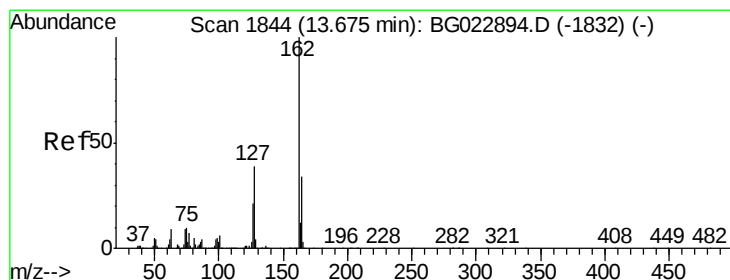
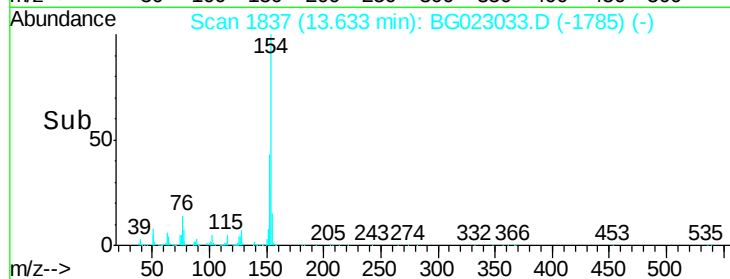
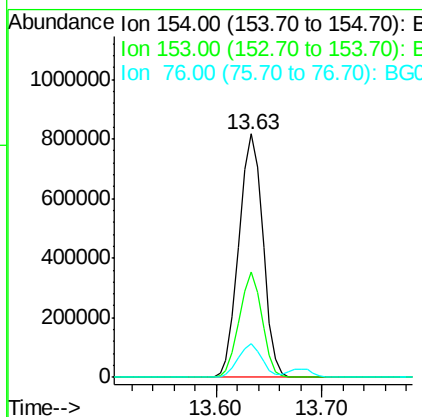
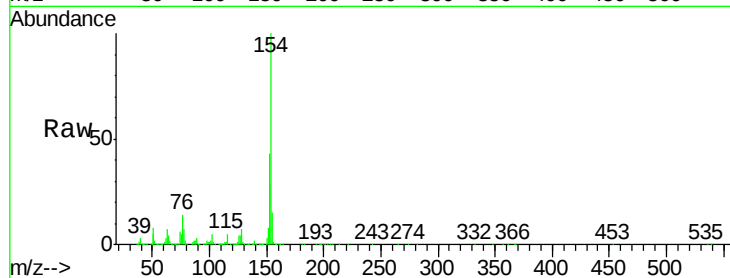


#45
 1,1'-Biphenyl
 Concen: 39.58 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:154 Resp: 1281407

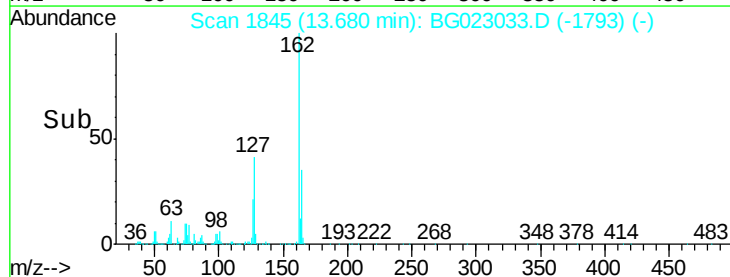
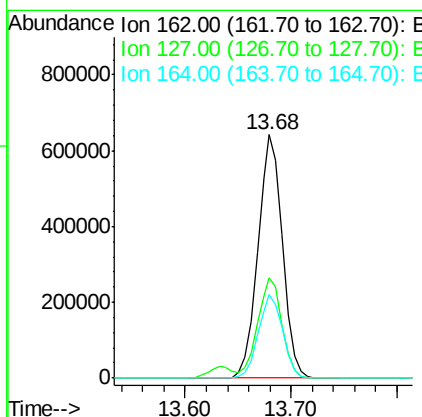
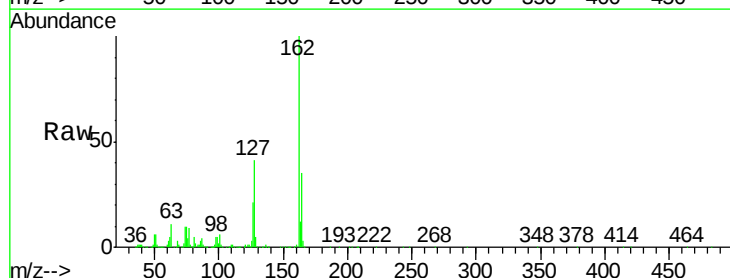
Ion	Ratio	Lower	Upper
154	100		
153	43.1	20.2	60.2
76	13.7	0.0	32.9

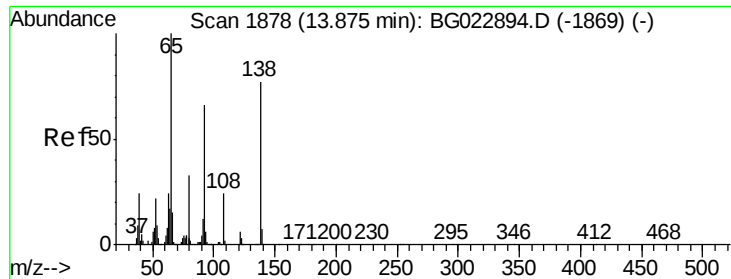


#46
 2-Chloronaphthalene
 Concen: 39.25 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion:162 Resp: 1030956

Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.4	48.6
164	34.5	25.2	37.8





#47

2-Nitroaniline

Concen: 39.25 ng

RT: 13.89 min Scan# 1880

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

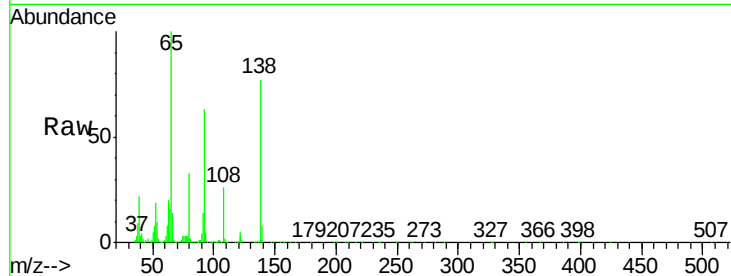
Tot Ion: 65 Resp: 439827

Ion Ratio Lower Upper

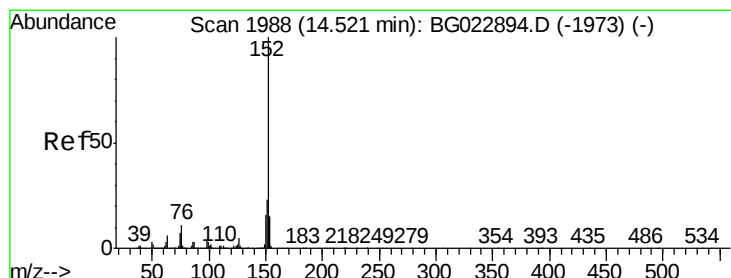
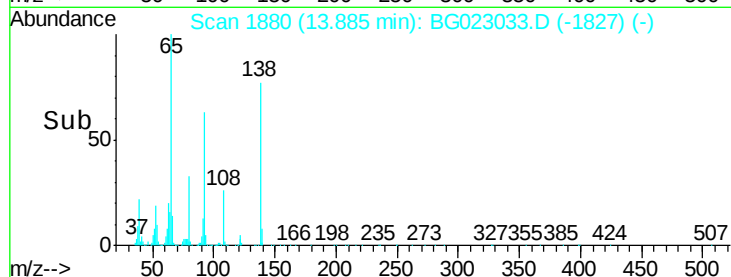
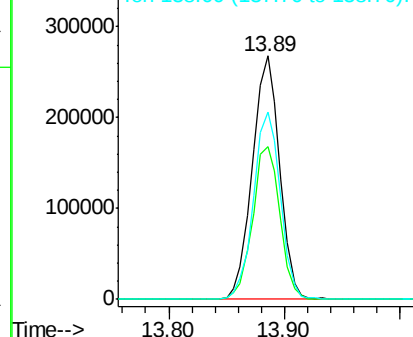
65 100

92 62.6 49.4 74.0

138 76.7 58.0 87.0



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: 38.51 ng

RT: 14.53 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

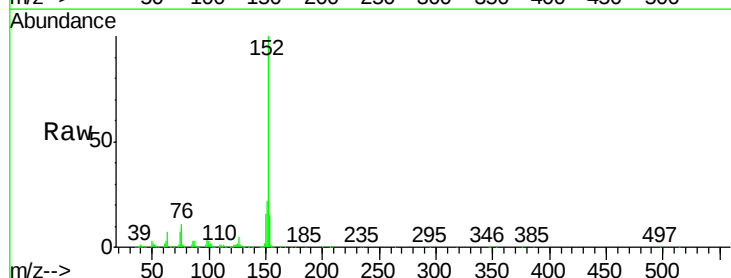
Tgt Ion: 152 Resp: 1517269

Ion Ratio Lower Upper

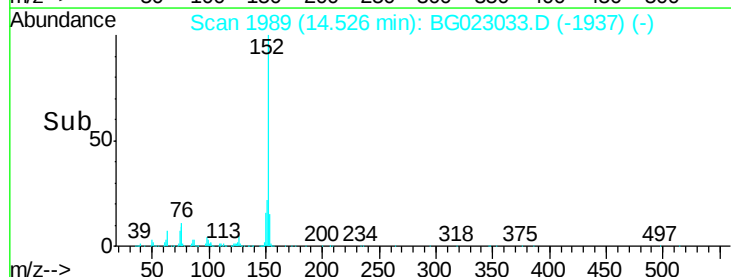
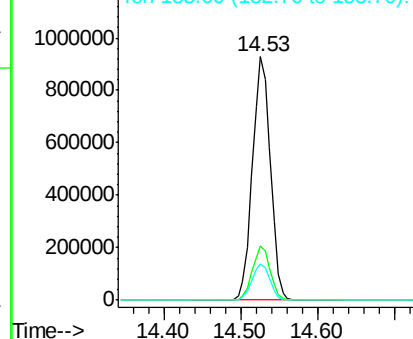
152 100

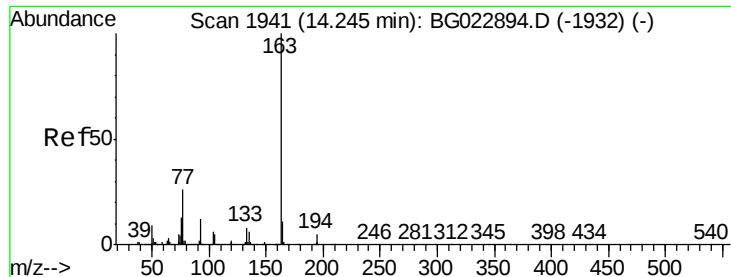
151 22.2 17.6 26.4

153 14.8 11.4 17.2



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: 35.44 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

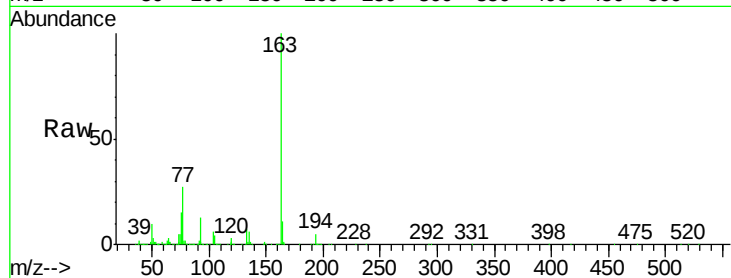
Tot Ion:163 Resp: 1249044

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

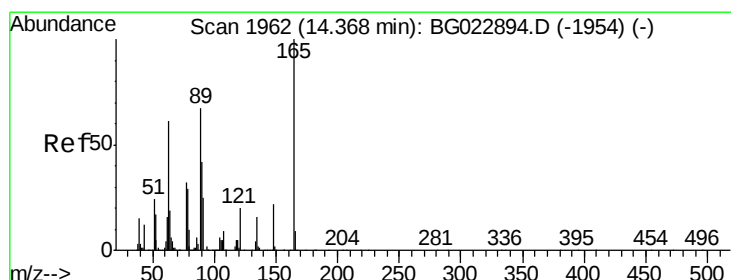
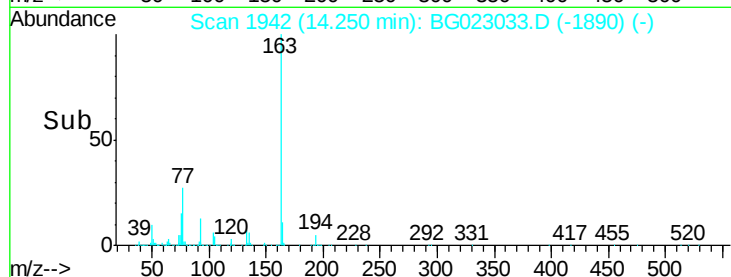
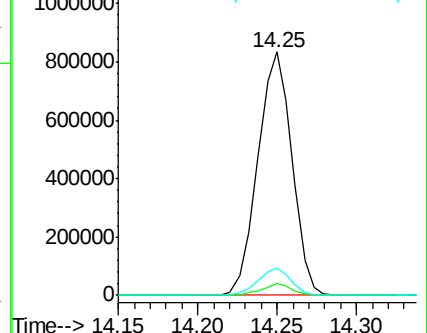
164 11.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.76 ng

RT: 14.37 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

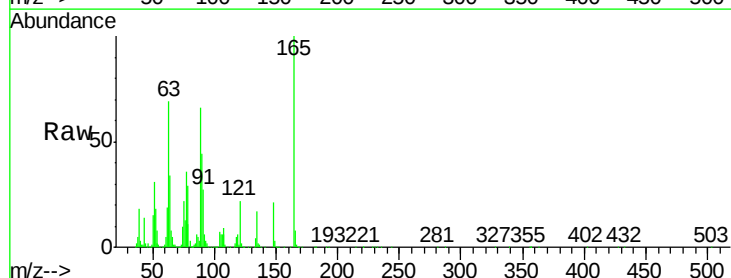
Tgt Ion:165 Resp: 291181

Ion Ratio Lower Upper

165 100

63 68.5 64.3 96.5

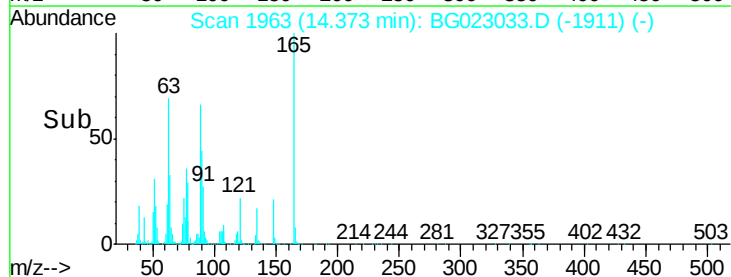
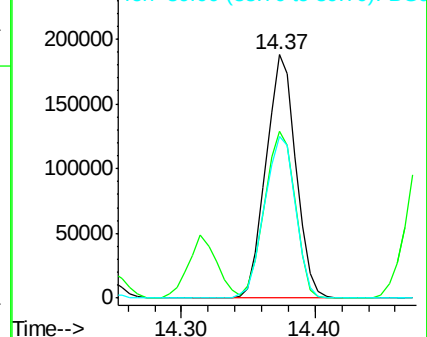
89 66.2 64.3 96.5

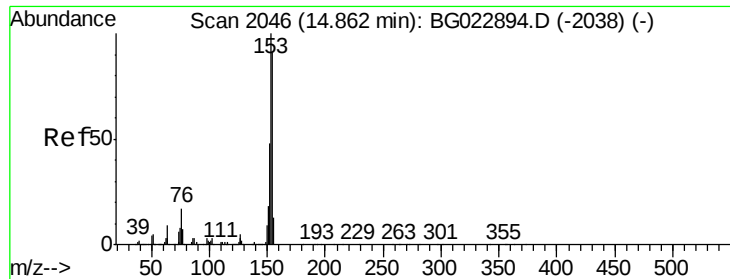


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.02 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

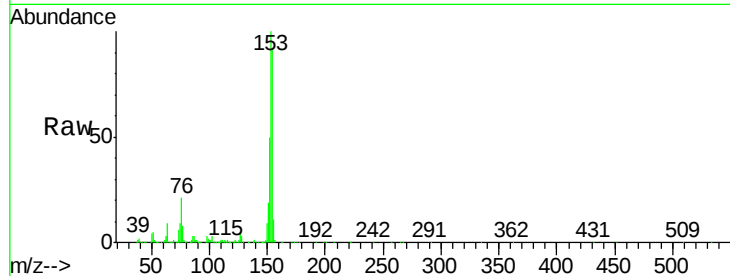
Tot Ion:154 Resp: 978713

Ion Ratio Lower Upper

154 100

153 108.8 87.5 131.3

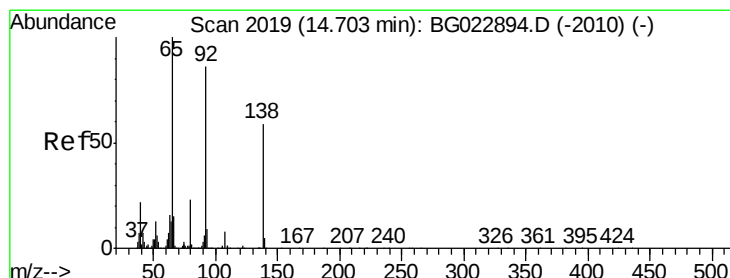
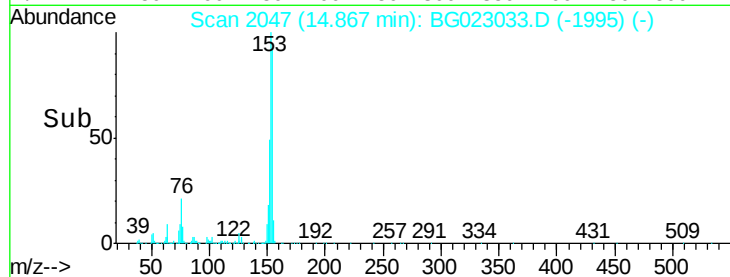
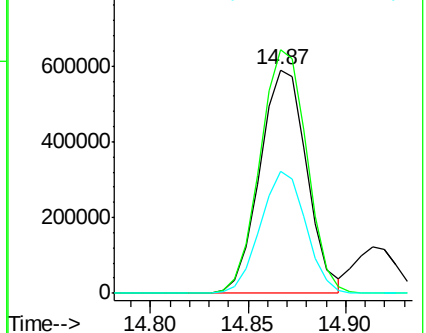
152 54.7 42.7 64.1



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: 37.79 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

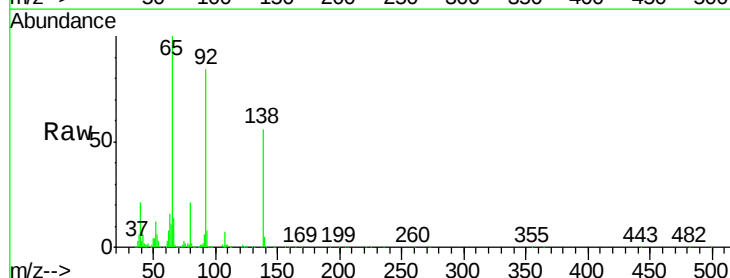
Tgt Ion:138 Resp: 298473

Ion Ratio Lower Upper

138 100

108 11.8 11.7 17.5

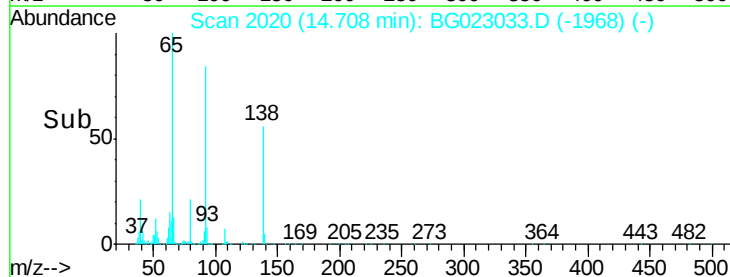
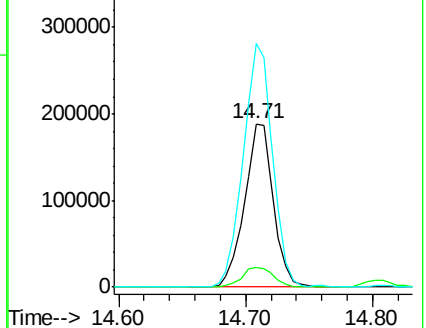
92 149.3 129.7 194.5

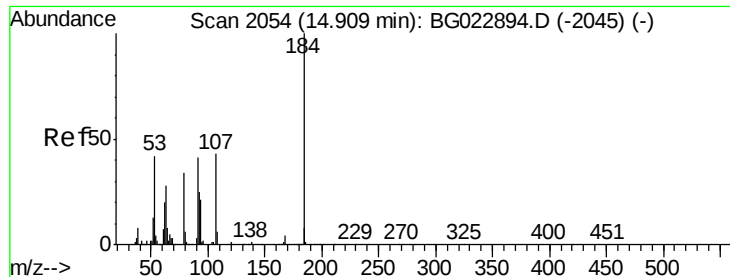


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 46.47 ng

RT: 14.91 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

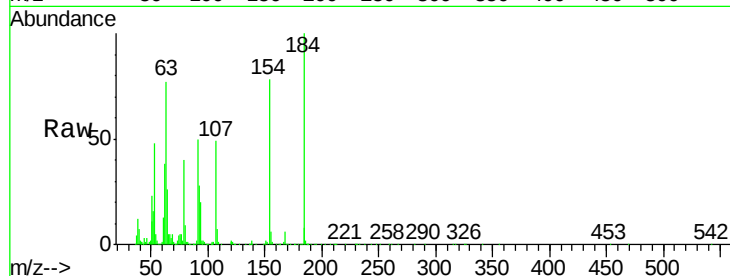
Tot Ion:184 Resp: 252596

Ion Ratio Lower Upper

184 100

63 76.7 59.6 89.4

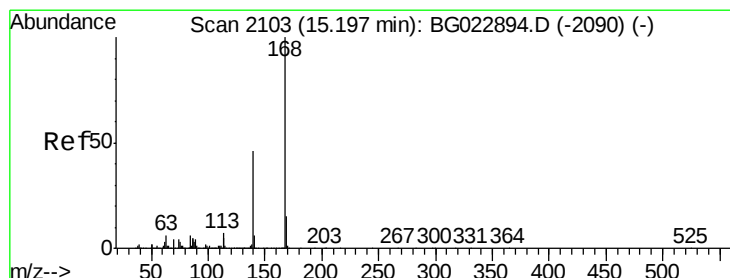
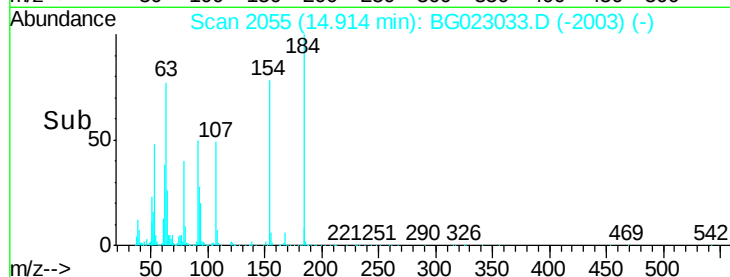
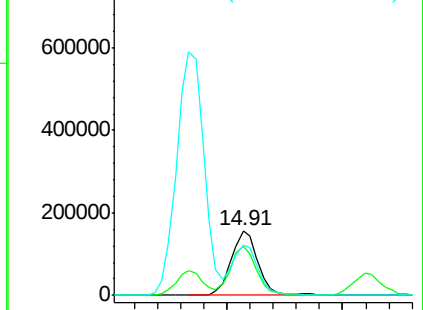
154 78.0 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.93 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

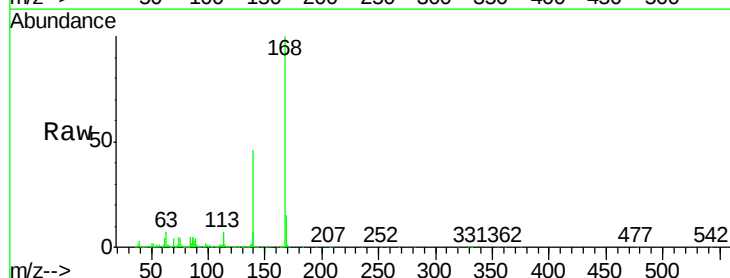
Tgt Ion:168 Resp: 1423020

Ion Ratio Lower Upper

168 100

139 46.3 36.4 54.6

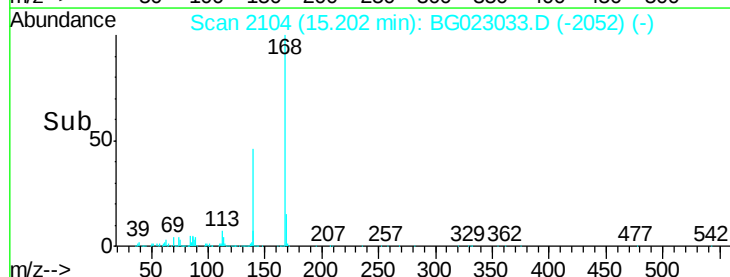
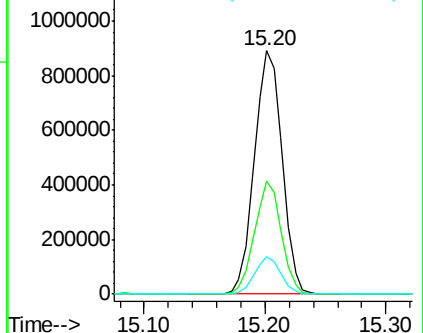
169 15.5 11.9 17.9

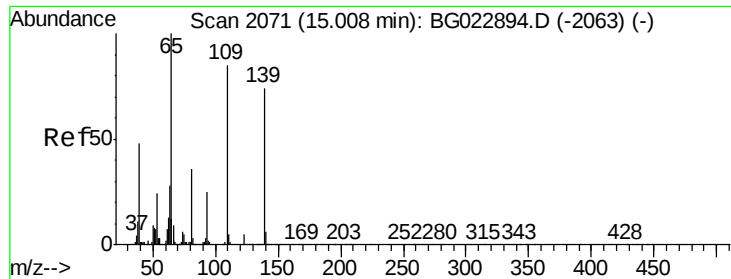


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

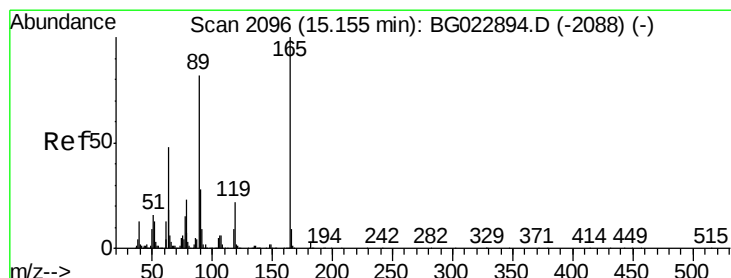
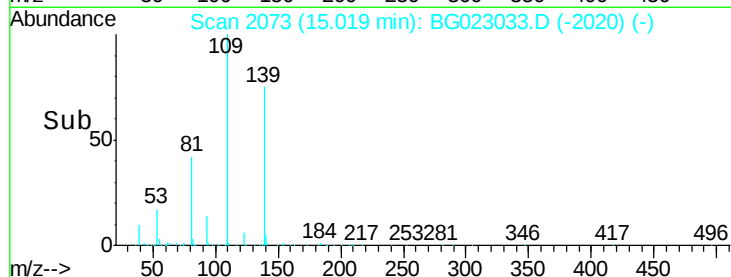
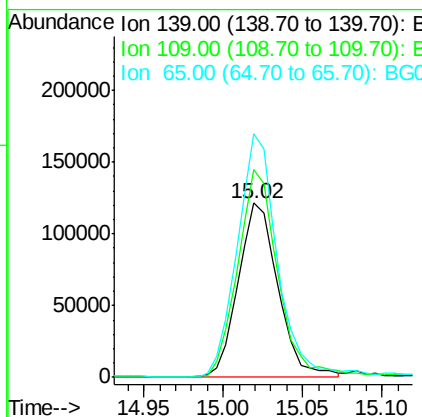
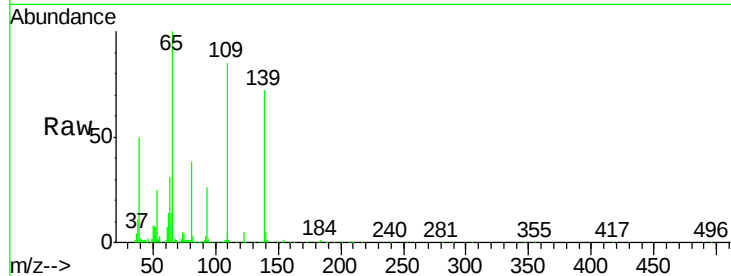




#55
4-Nitrophenol
Concen: 32.06 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

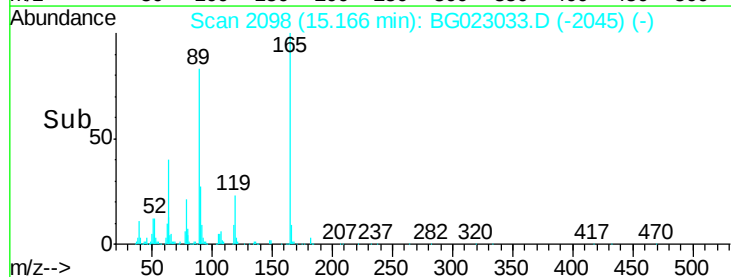
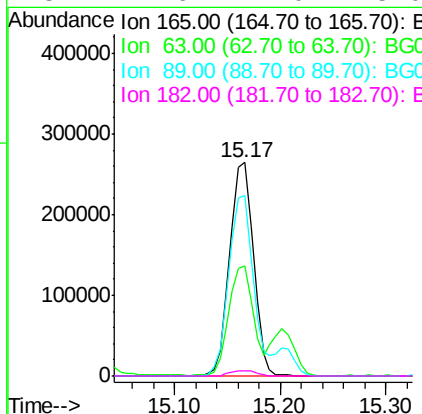
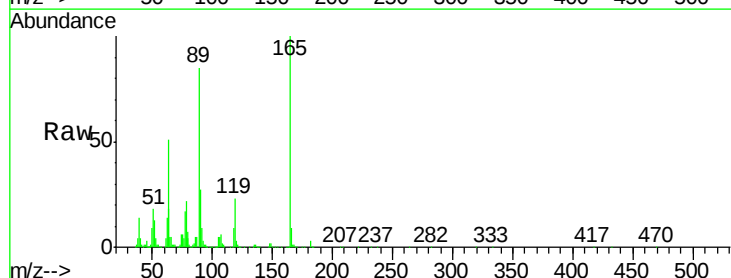
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

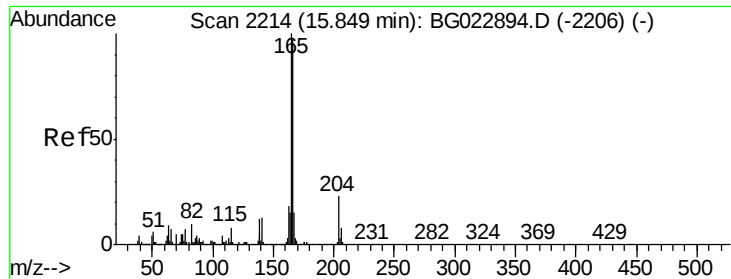
Tot Ion:139 Resp: 212261
Ion Ratio Lower Upper
139 100
109 119.1 103.0 143.0
65 139.8 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 35.66 ng
RT: 15.17 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:165 Resp: 411879
Ion Ratio Lower Upper
165 100
63 51.4 45.8 68.6
89 84.7 68.6 102.8
182 2.6 2.0 3.0

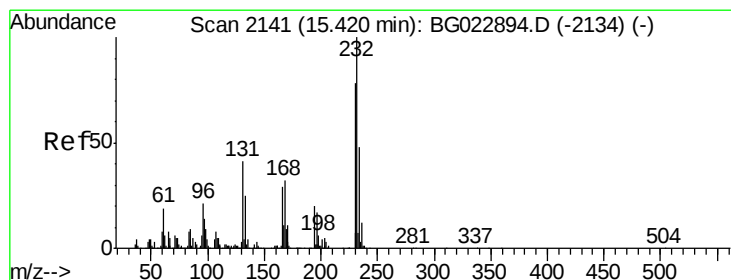
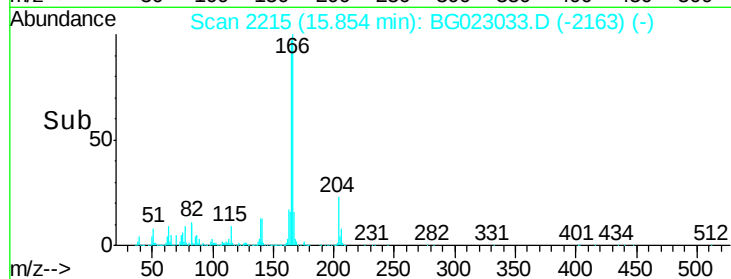
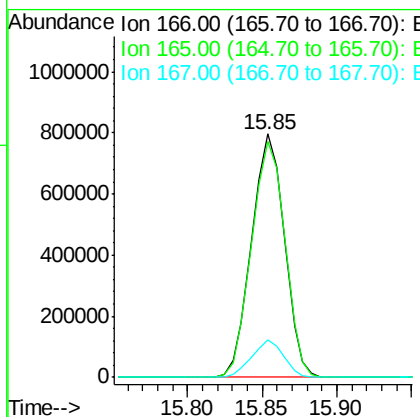
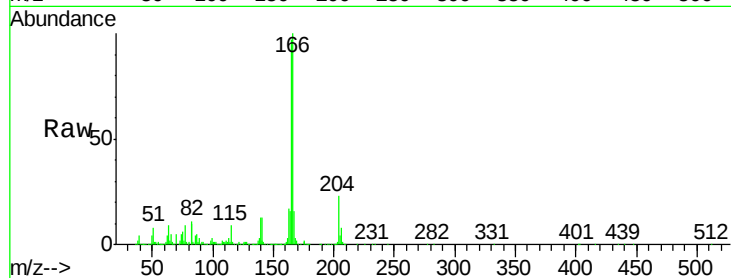




#57
 Fluorene
 Concen: 36.56 ng
 RT: 15.85 min Scan# 2215
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

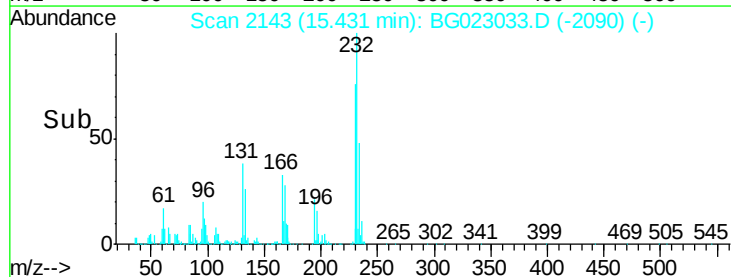
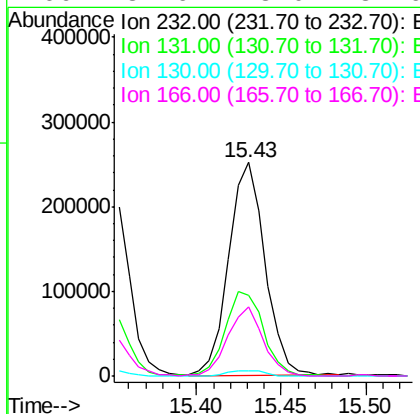
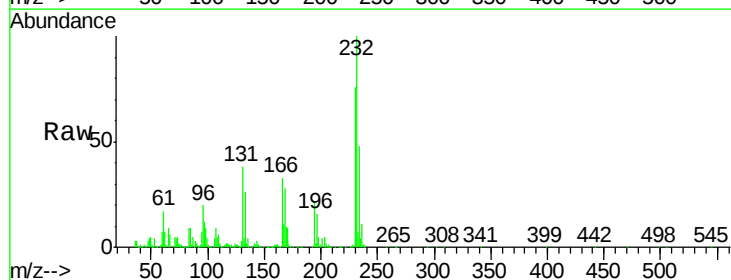
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

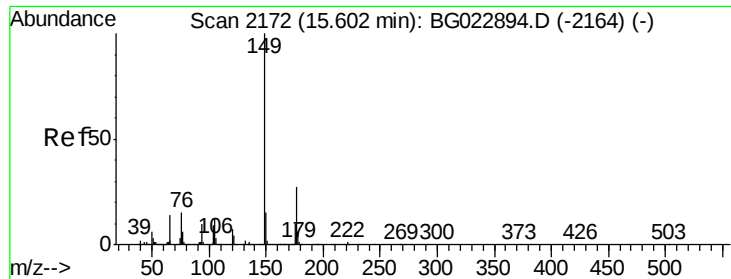
Tot Ion:166 Resp: 1212491
 Ion Ratio Lower Upper
 166 100
 165 97.1 81.0 121.6
 167 15.7 12.0 18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.22 ng
 RT: 15.43 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion:232 Resp: 375761
 Ion Ratio Lower Upper
 232 100
 131 41.8 32.7 49.1
 130 2.9 2.6 3.8
 166 31.6 23.0 34.6

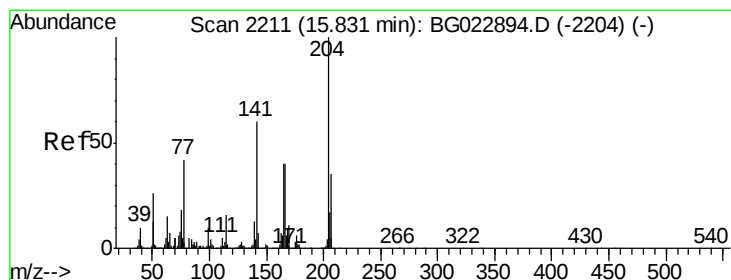
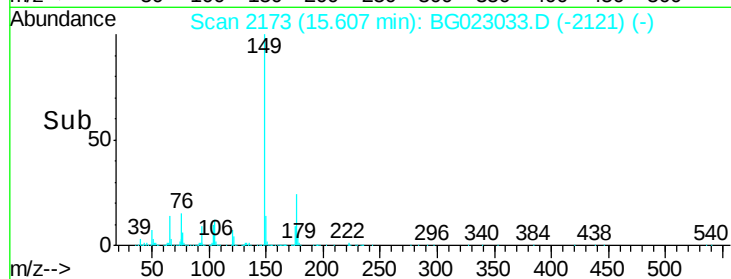
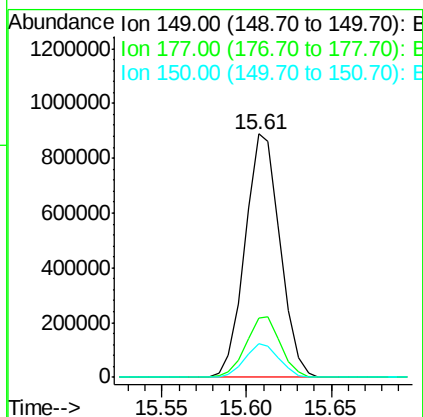
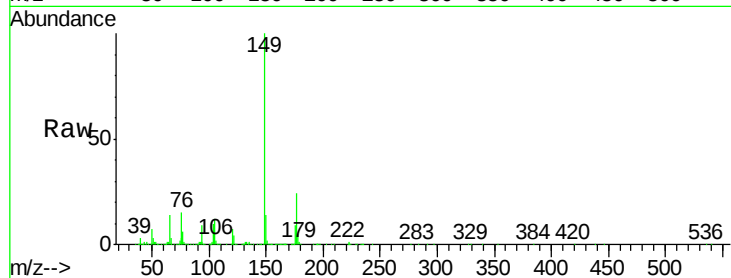




#59
Diethylphthalate
Concen: 35.63 ng
RT: 15.61 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

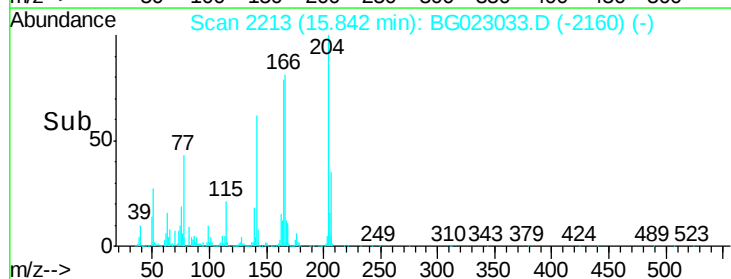
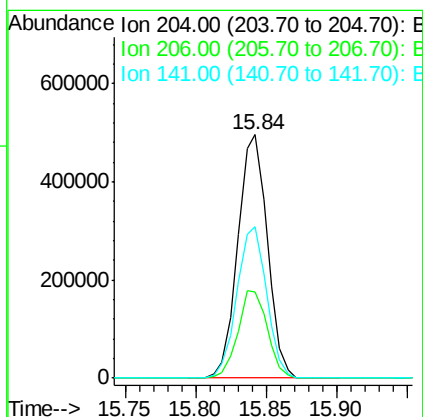
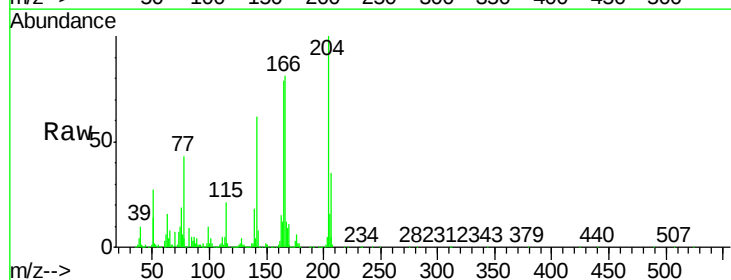
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

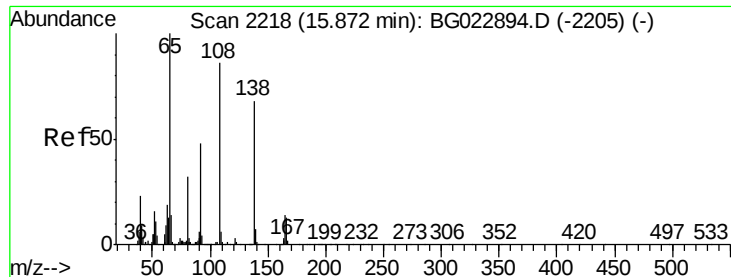
Tot Ion:149 Resp: 1277782
Ion Ratio Lower Upper
149 100
177 24.2 19.2 28.8
150 13.9 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 35.80 ng
RT: 15.84 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:204 Resp: 723080
Ion Ratio Lower Upper
204 100
206 35.4 28.5 42.7
141 62.0 51.4 77.0

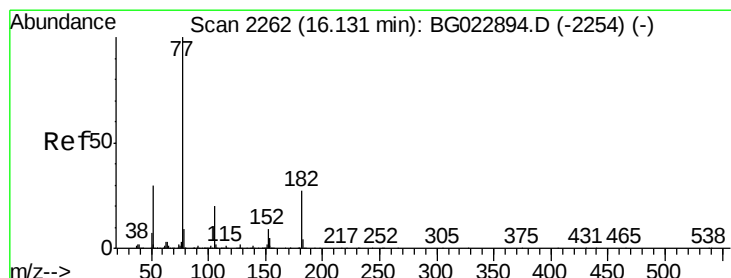
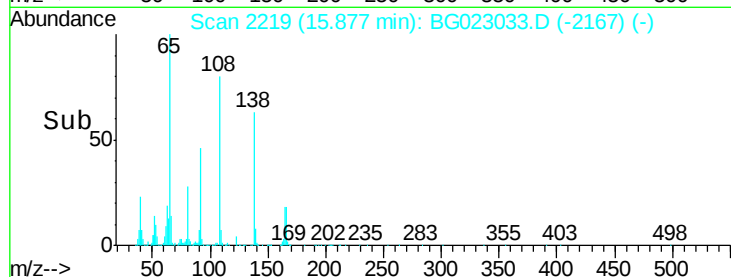
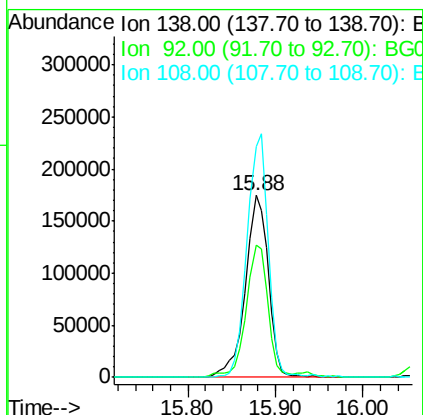
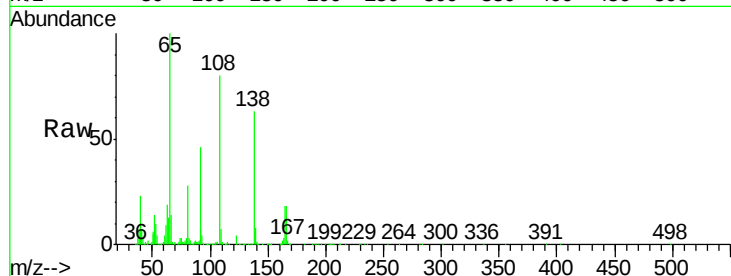




#61
4-Nitroaniline
Concen: 35.97 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

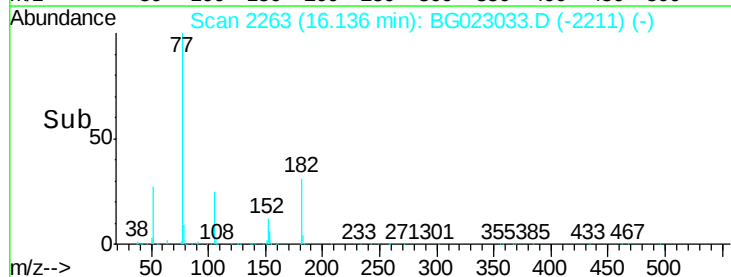
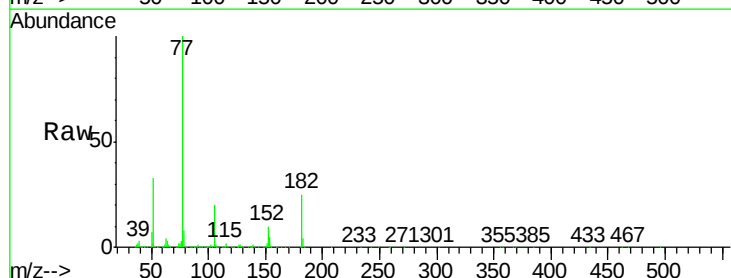
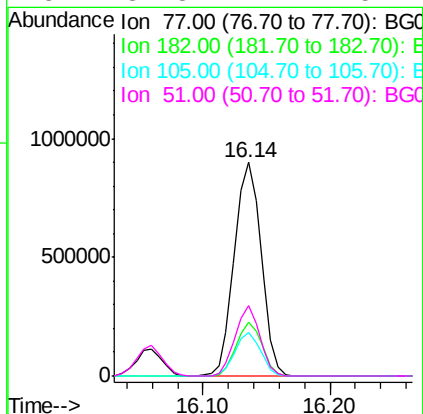
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

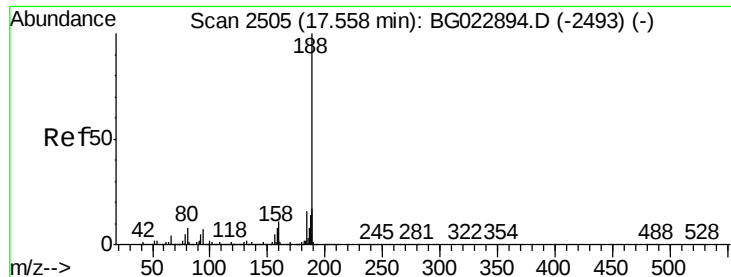
Tot Ion:138 Resp: 307442
Ion Ratio Lower Upper
138 100
92 72.4 54.1 94.1
108 126.5 133.9 173.9#



#62
Azobenzene
Concen: 38.43 ng
RT: 16.14 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion: 77 Resp: 1318349
Ion Ratio Lower Upper
77 100
182 25.3 3.5 43.5
105 20.4 0.0 38.5
51 32.8 17.1 57.1

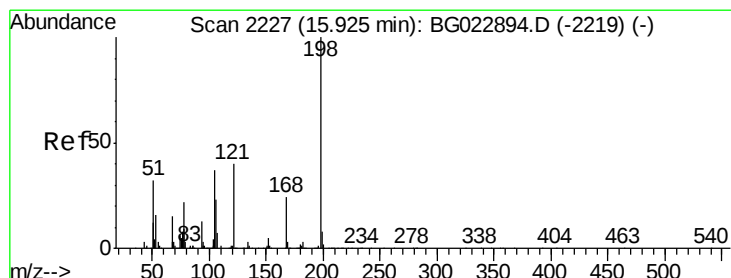
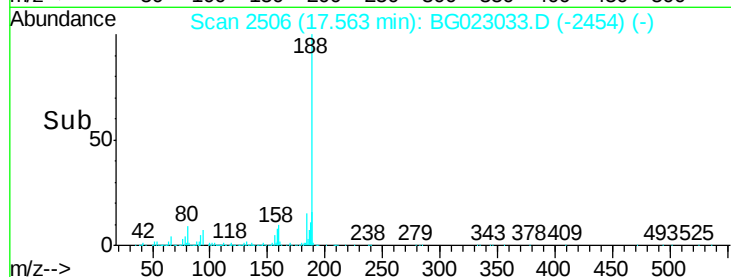
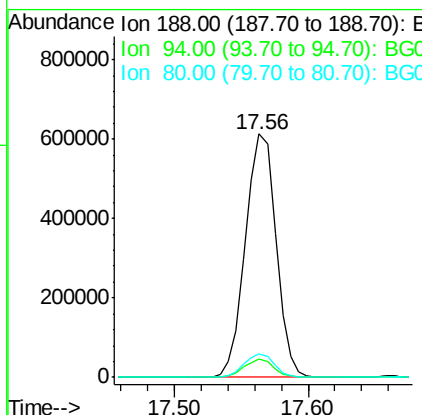
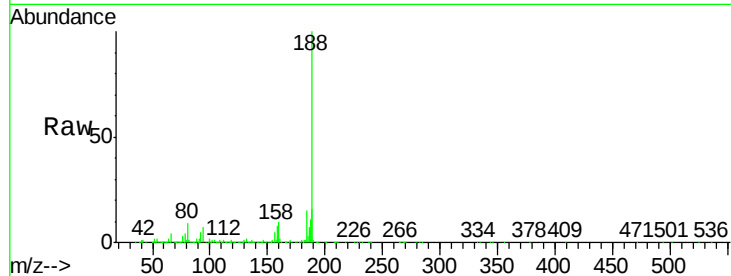




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

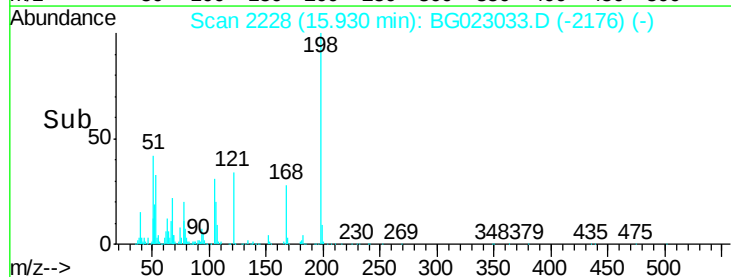
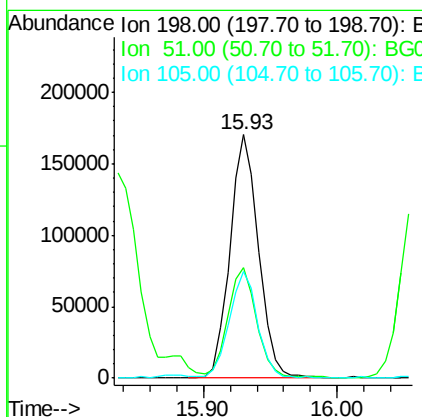
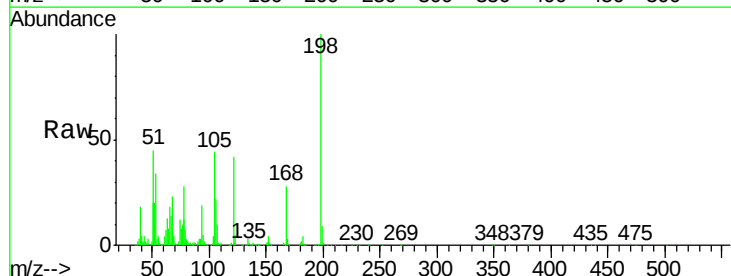
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

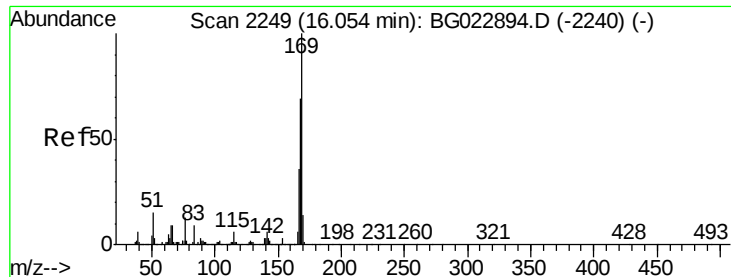
Tot Ion:188 Resp: 969645
Ion Ratio Lower Upper
188 100
94 7.3 5.2 7.8
80 9.5 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 35.26 ng
RT: 15.93 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:198 Resp: 254102
Ion Ratio Lower Upper
198 100
51 45.4 26.0 66.0
105 43.8 20.1 60.1

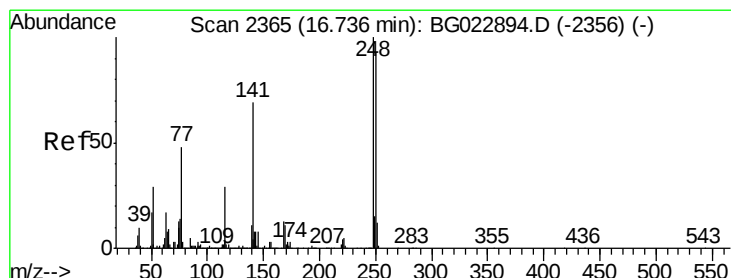
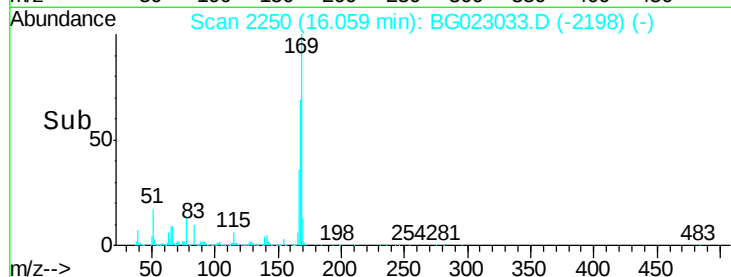
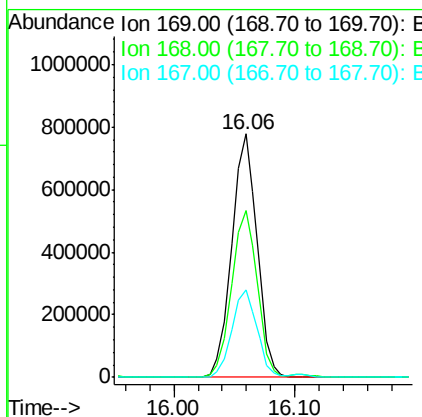
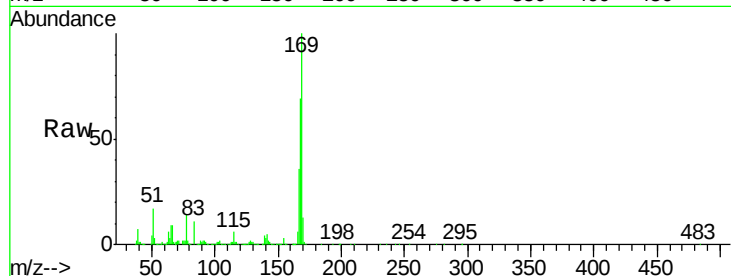




#65
n-Nitrosodiphenylamine
Concen: 40.65 ng
RT: 16.06 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

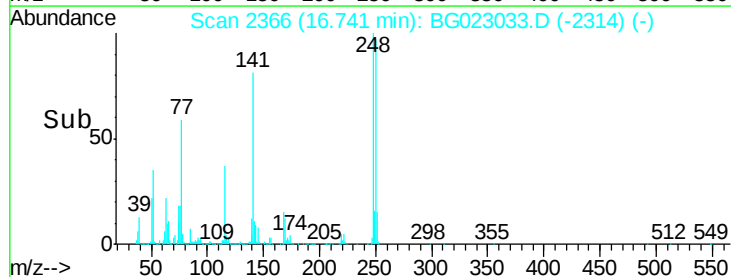
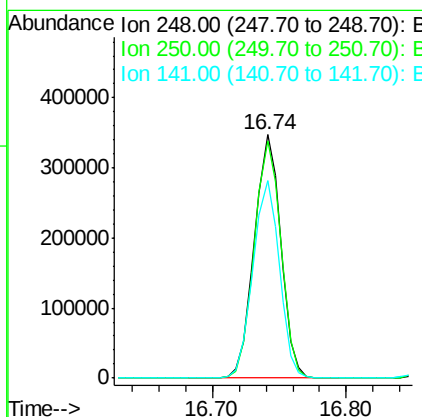
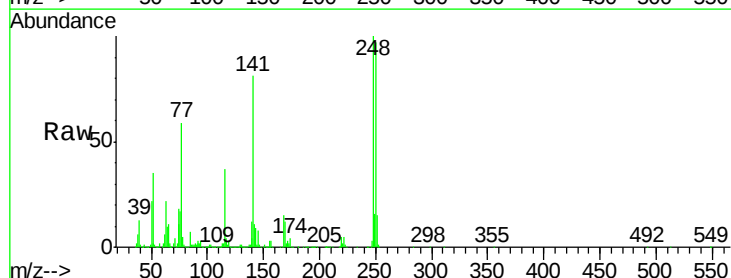
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

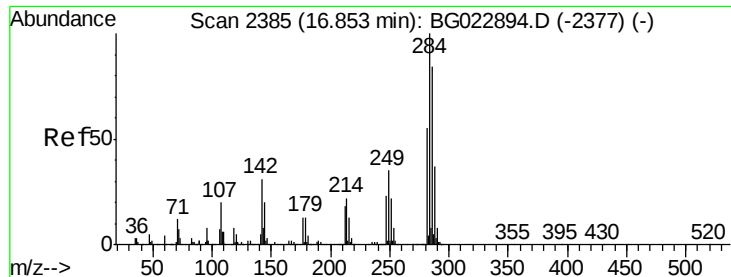
Tot Ion:169 Resp: 1135595
Ion Ratio Lower Upper
169 100
168 68.6 55.0 82.4
167 35.9 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 37.59 ng
RT: 16.74 min Scan# 2366
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:248 Resp: 474225
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 81.2 65.7 98.5

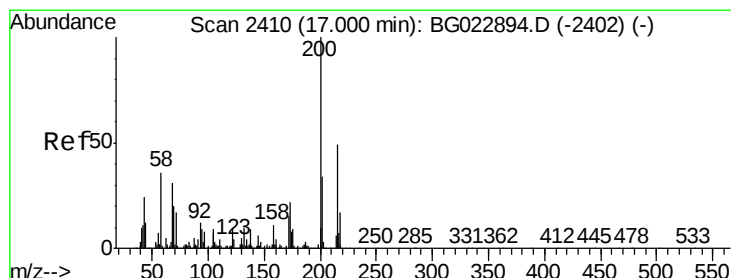
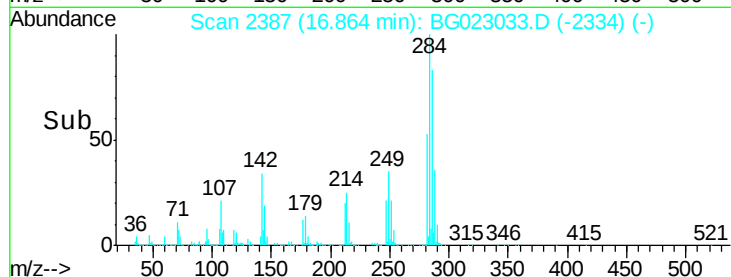
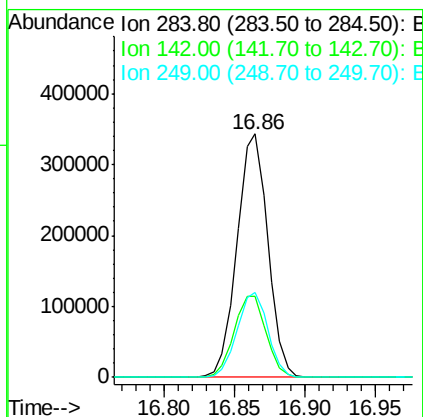
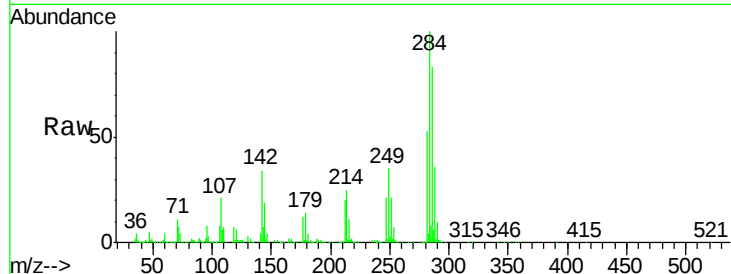




#67
Hexachlorobenzene
Concen: 38.12 ng
RT: 16.86 min Scan# 2387
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

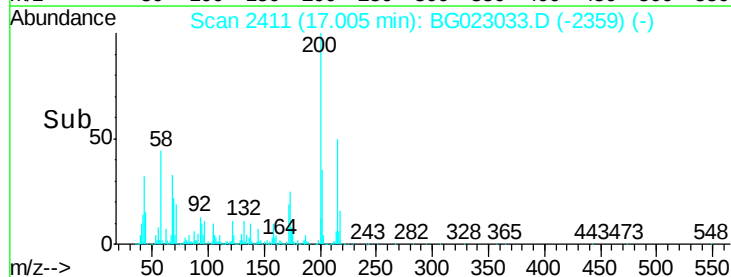
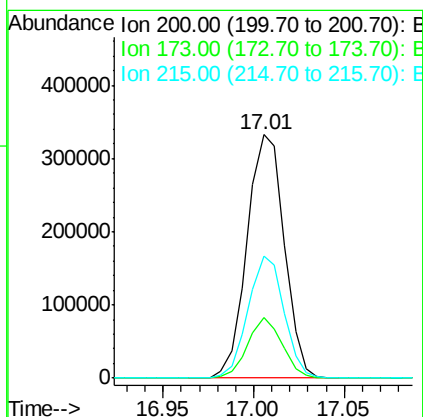
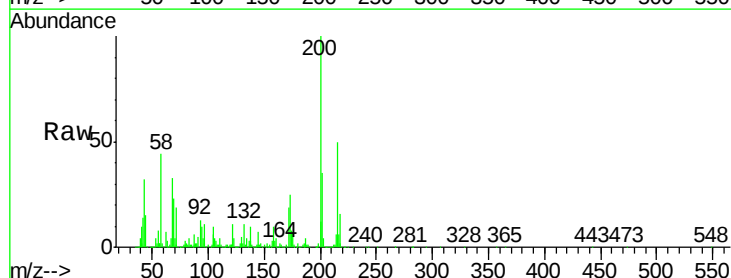
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

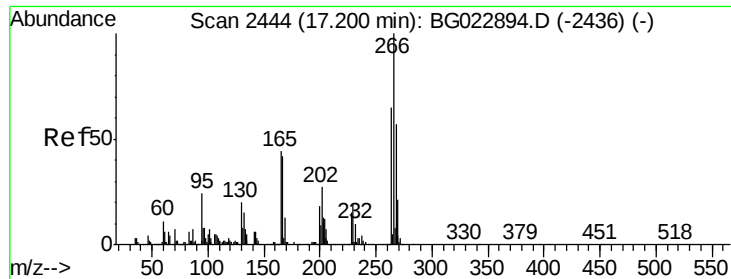
Tot Ion:284 Resp: 522922
Ion Ratio Lower Upper
284 100
142 33.5 26.8 40.2
249 34.9 28.9 43.3



#68
Atrazine
Concen: 38.17 ng
RT: 17.01 min Scan# 2411
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:200 Resp: 473018
Ion Ratio Lower Upper
200 100
173 24.7 1.6 41.6
215 49.9 28.7 68.7

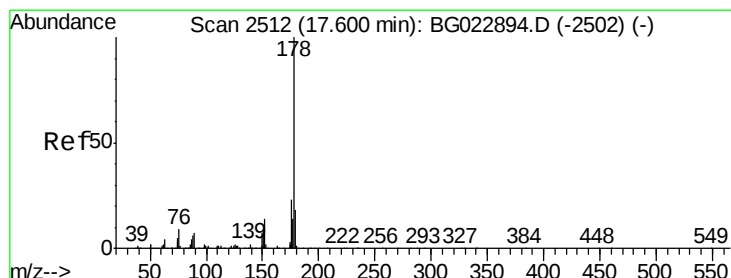
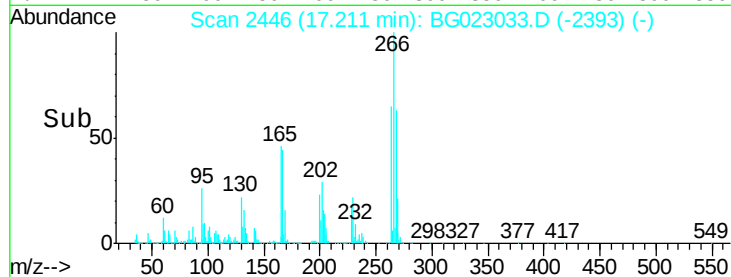
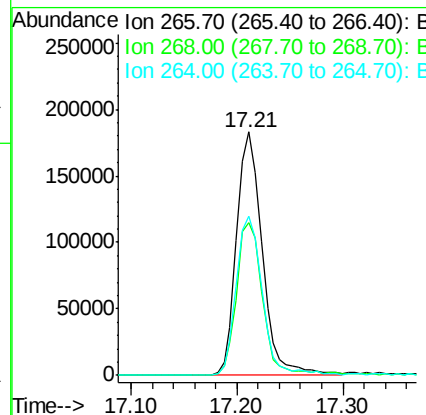
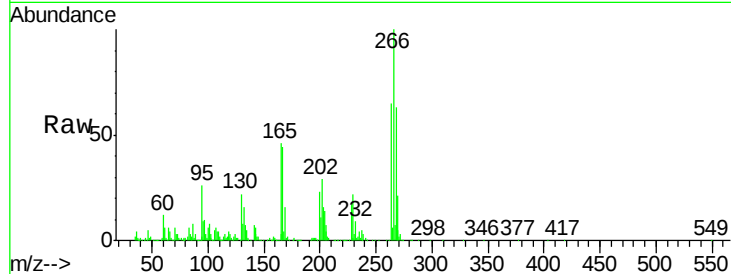




#69
 Pentachlorophenol
 Concen: 34.72 ng
 RT: 17.21 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

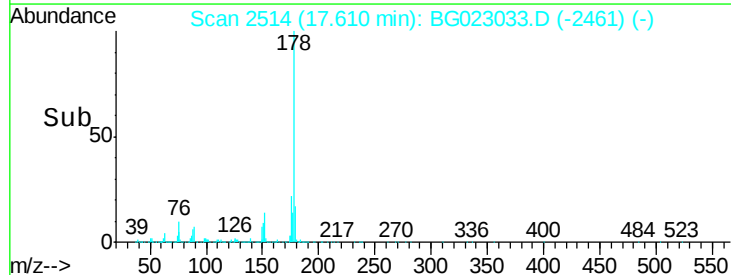
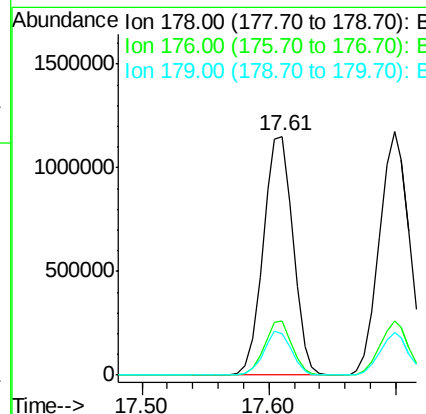
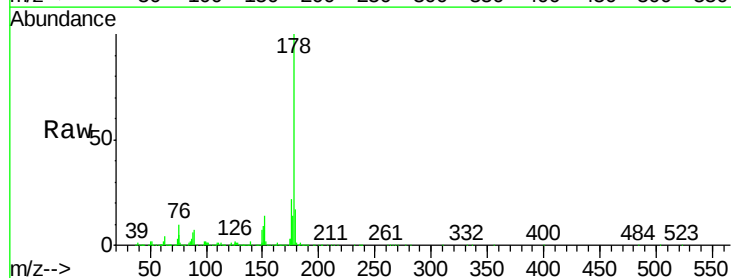
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

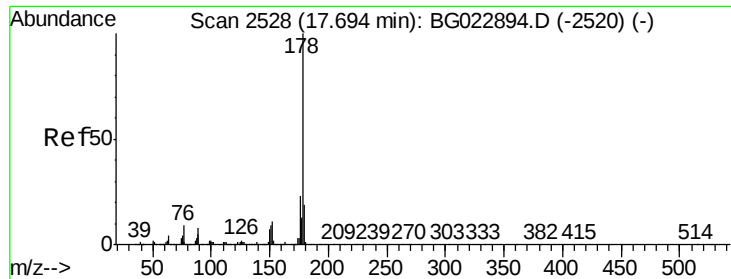
Tot Ion:266 Resp: 308379
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.9 77.9
 264 65.5 50.6 75.8



#70
 Phenanthrene
 Concen: 39.64 ng
 RT: 17.61 min Scan# 2514
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion:178 Resp: 1883602
 Ion Ratio Lower Upper
 178 100
 176 22.5 16.8 25.2
 179 17.5 14.3 21.5

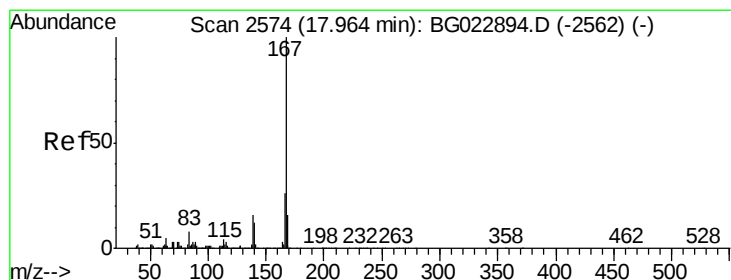
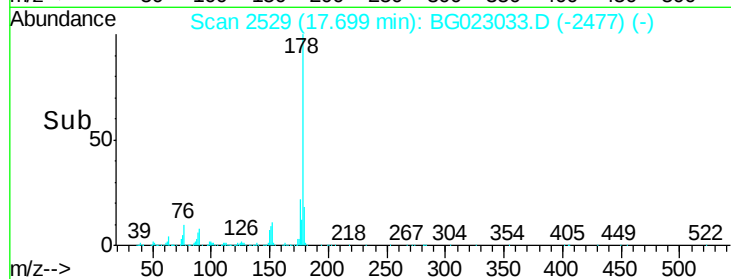
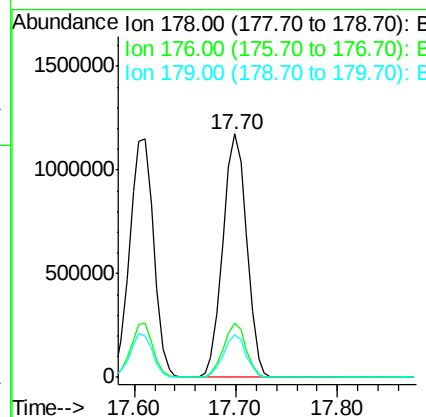
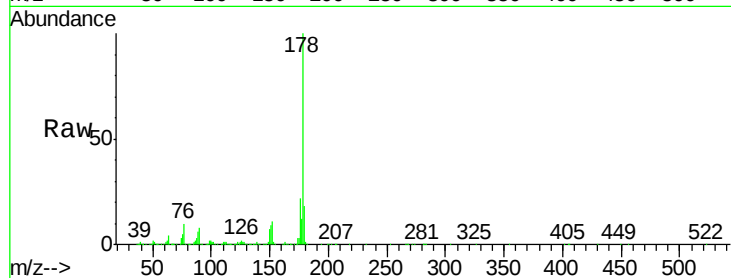




#71
 Anthracene
 Concen: 39.84 ng
 RT: 17.70 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

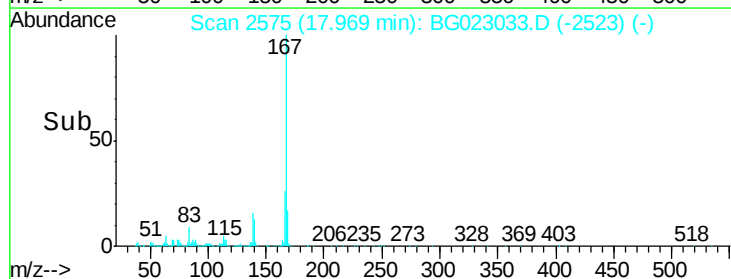
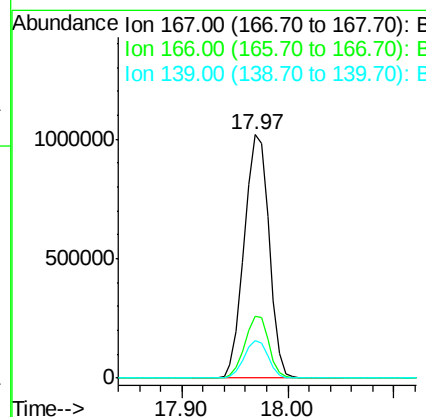
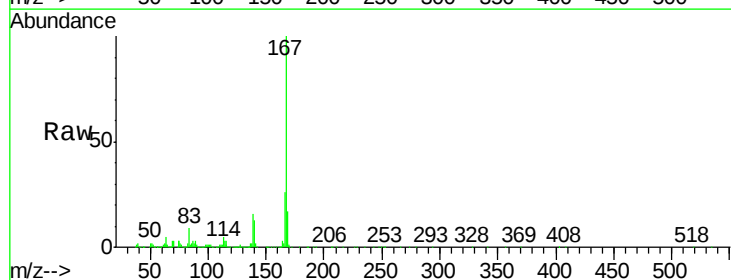
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

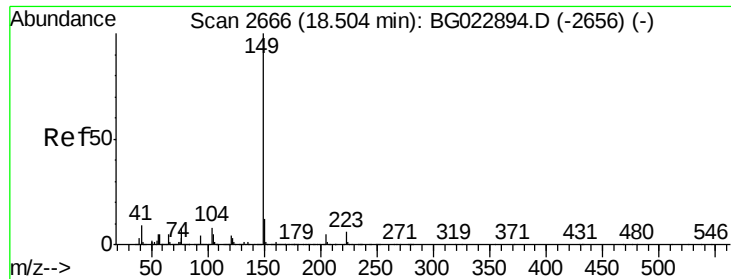
Tot Ion:178 Resp: 1917262
 Ion Ratio Lower Upper
 178 100
 176 22.0 17.3 25.9
 179 17.7 14.0 21.0



#72
 Carbazole
 Concen: 39.82 ng
 RT: 17.97 min Scan# 2575
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion:167 Resp: 1655791
 Ion Ratio Lower Upper
 167 100
 166 25.6 20.7 31.1
 139 15.5 11.9 17.9





#73

Di-n-butylphthalate

Concen: 41.87 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

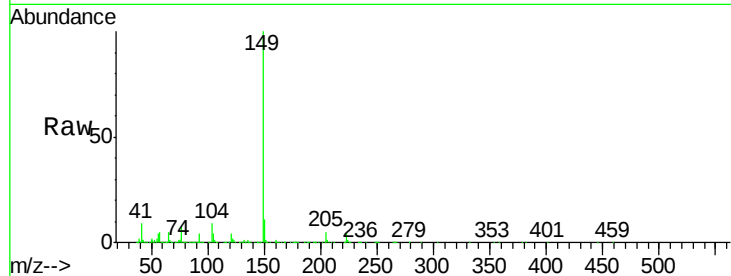
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1936070

Ion	Ratio	Lower	Upper
149	100		
150	11.5	9.1	13.7
104	8.6	6.9	10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.51

1500000

1000000

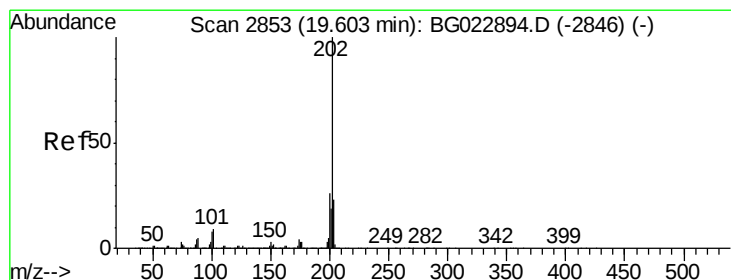
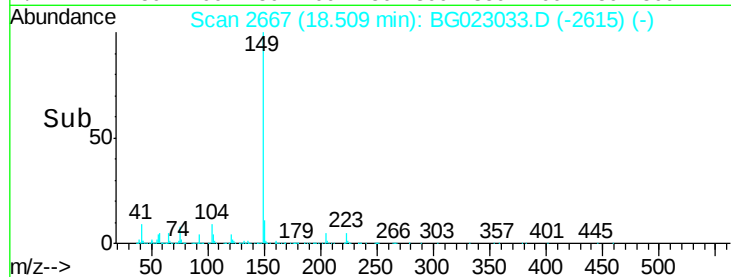
500000

0

Time-->

18.50

18.60



#74

Fluoranthene

Concen: 37.94 ng

RT: 19.61 min Scan# 2855

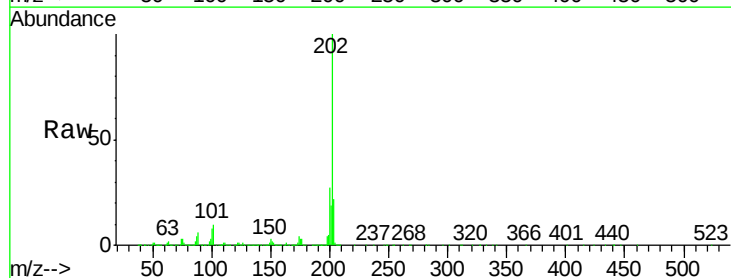
Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Tgt Ion:202 Resp: 2212651

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	27.4
203	21.9	1.7	41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.61

1500000

1000000

500000

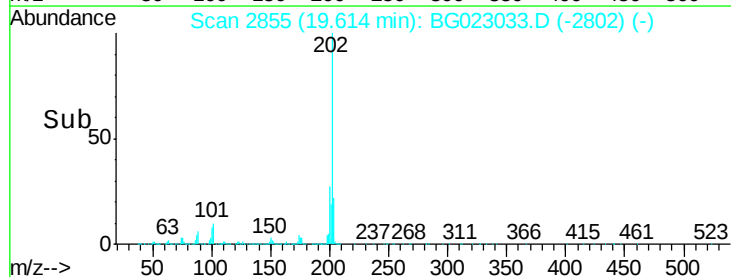
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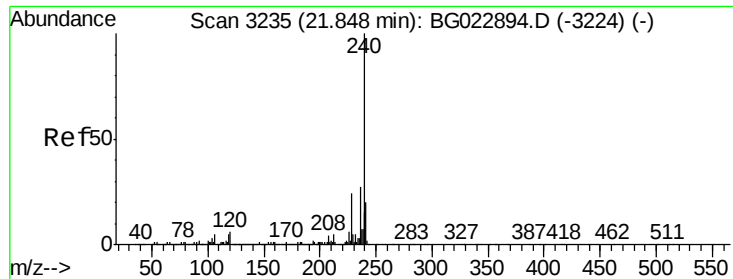
Time-->

19.55

19.60

19.65

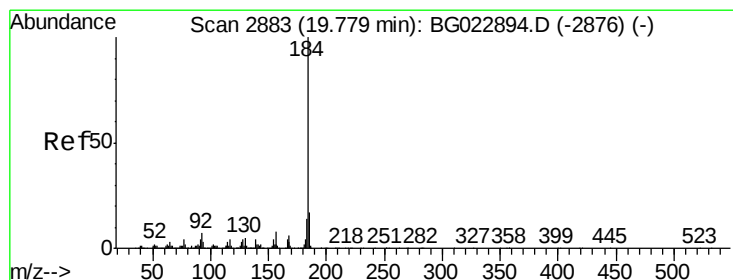
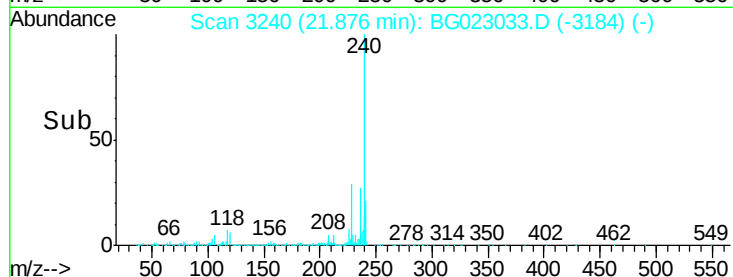
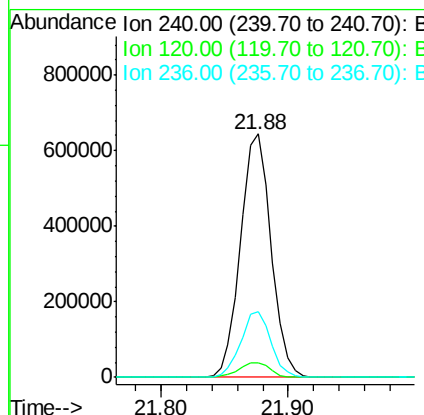
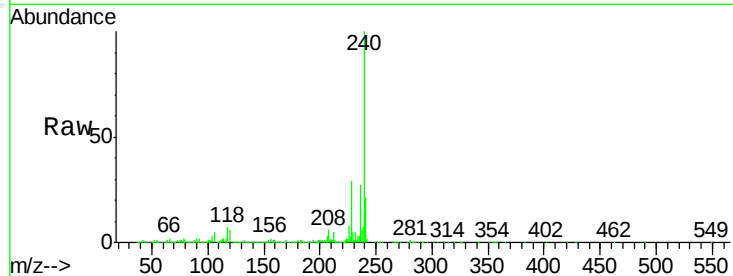




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3240
Delta R.T. 0.03 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

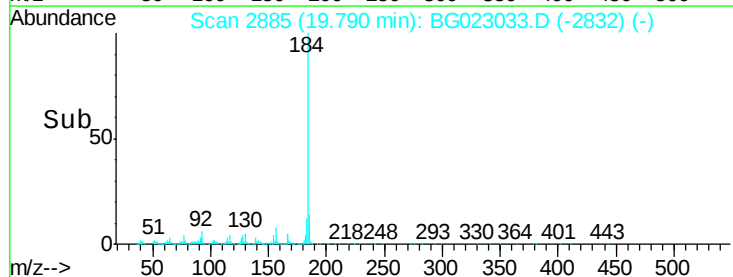
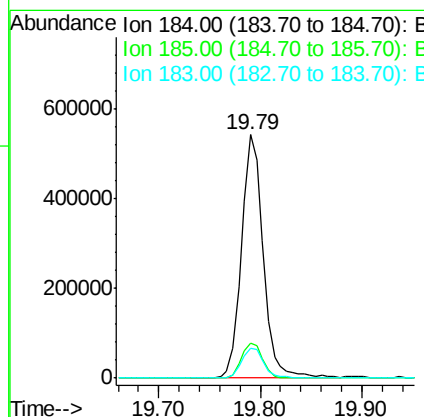
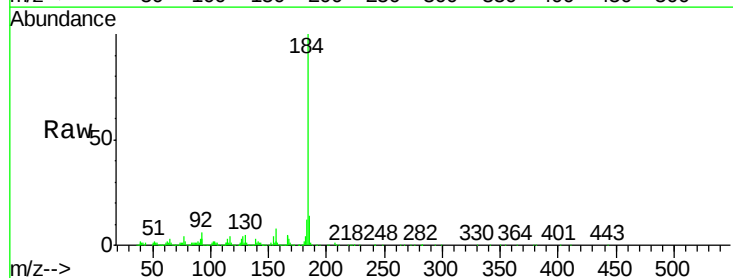
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

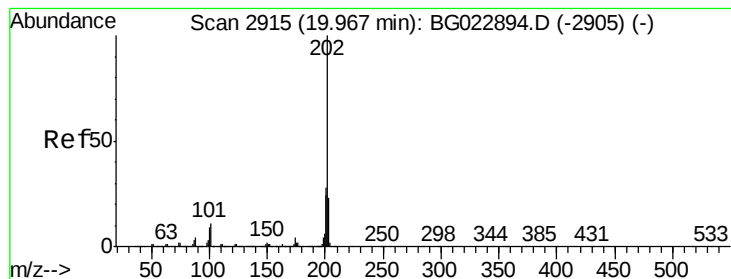
Tot Ion:240 Resp: 1074433
Ion Ratio Lower Upper
240 100
120 6.1 4.1 6.1#
236 27.1 21.1 31.7



#76
Benzidine
Concen: 26.22 ng
RT: 19.79 min Scan# 2885
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:184 Resp: 807739
Ion Ratio Lower Upper
184 100
185 14.4 12.6 19.0
183 12.4 10.7 16.1





#77

Pvrene

Concen: 37.84 ng

RT: 19.98 min Scan# 2917

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

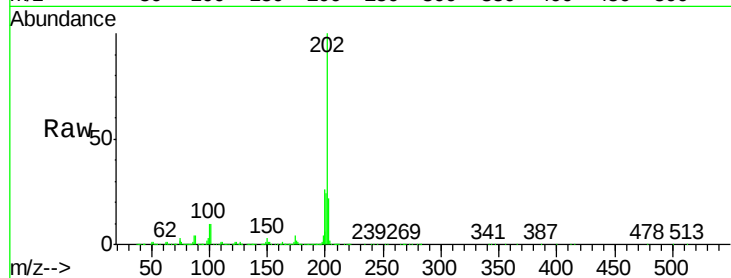
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 2284626

Ion	Ratio	Lower	Upper
202	100		
200	26.0	21.2	31.8
203	21.6	16.8	25.2

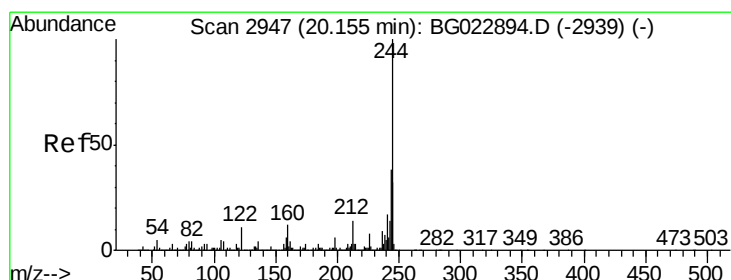
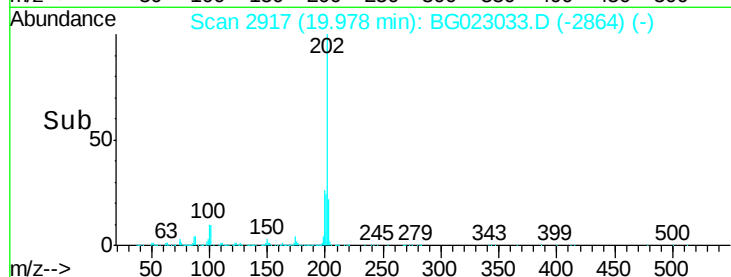
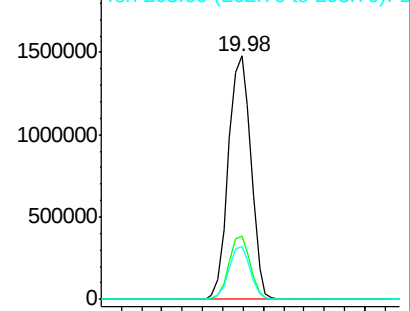


Abundance

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: 80.84 ng

RT: 20.17 min Scan# 2949

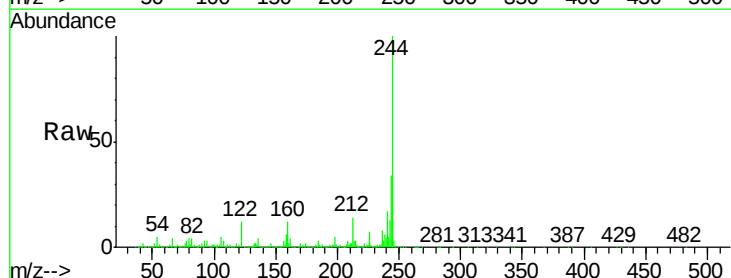
Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Tgt Ion:244 Resp: 2790023

Ion	Ratio	Lower	Upper
244	100		
212	13.6	10.8	16.2
122	11.8	8.0	12.0

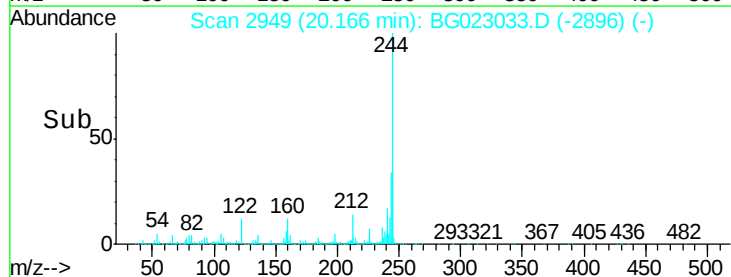
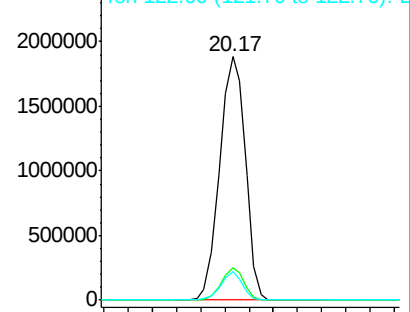


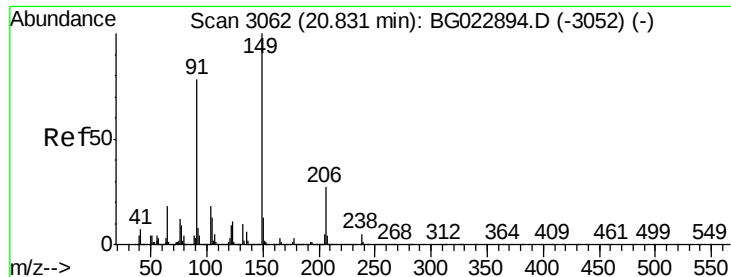
Abundance

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

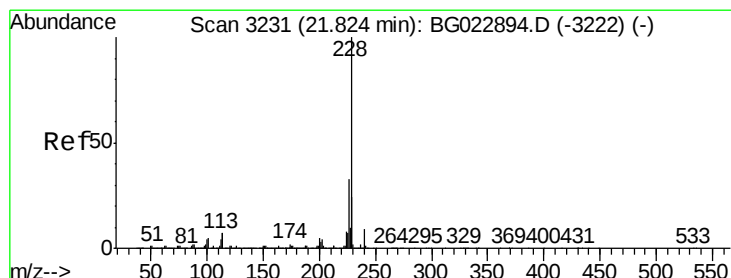
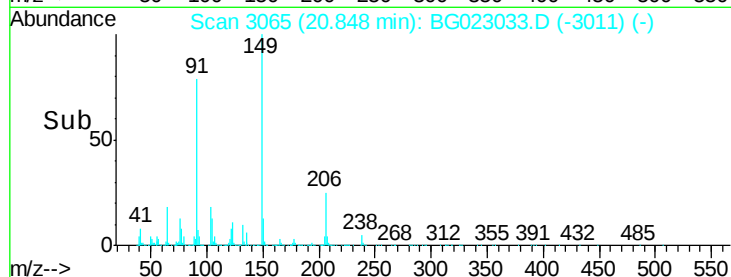
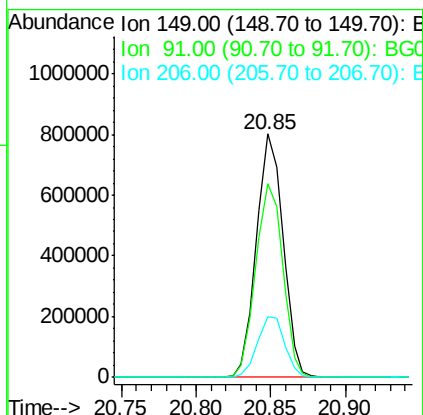
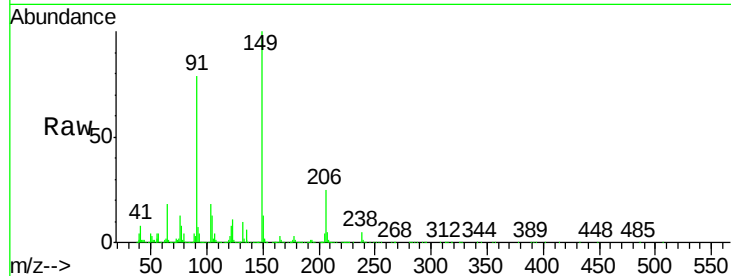




#79
Butylbenzylphthalate
Concen: 41.21 ng
RT: 20.85 min Scan# 3065
Delta R.T. 0.02 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

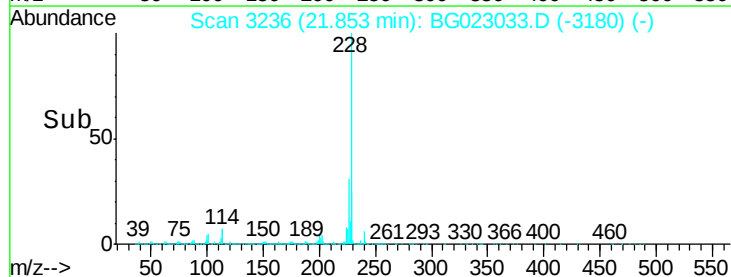
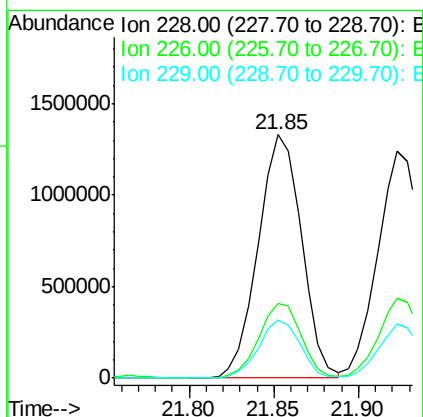
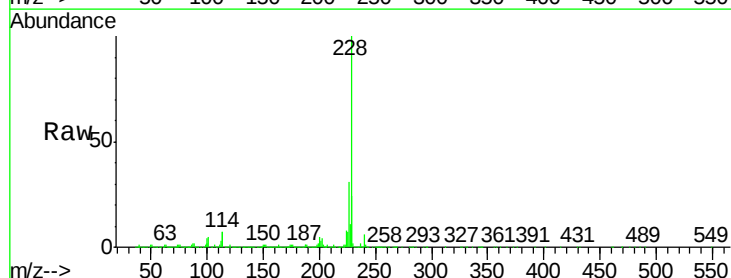
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

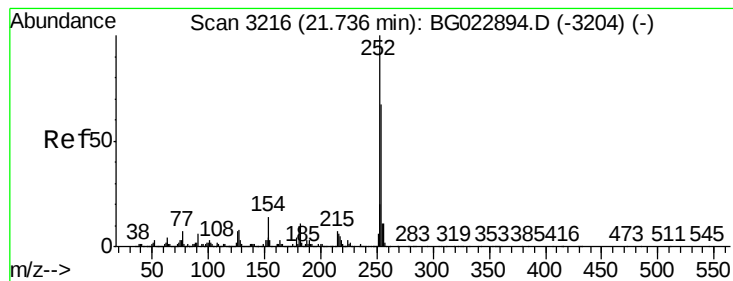
Tot Ion:149 Resp: 985424
Ion Ratio Lower Upper
149 100
91 79.3 68.1 102.1
206 24.7 19.8 29.6



#80
Benzo(a)anthracene
Concen: 39.25 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.03 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:228 Resp: 2359458
Ion Ratio Lower Upper
228 100
226 30.7 25.3 37.9
229 23.9 19.9 29.9

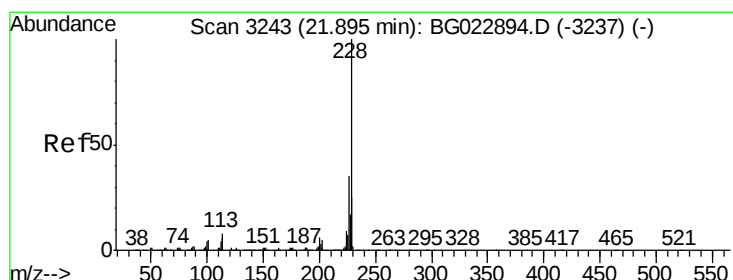
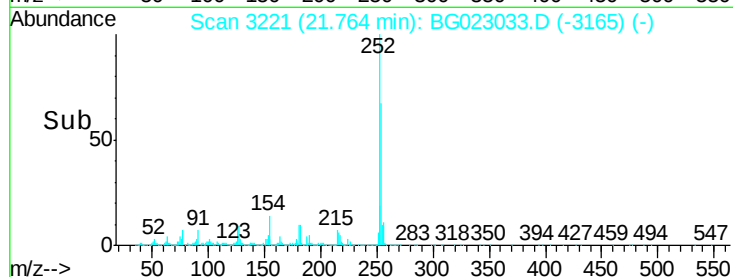
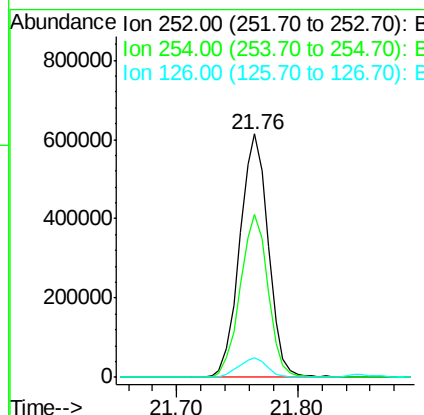
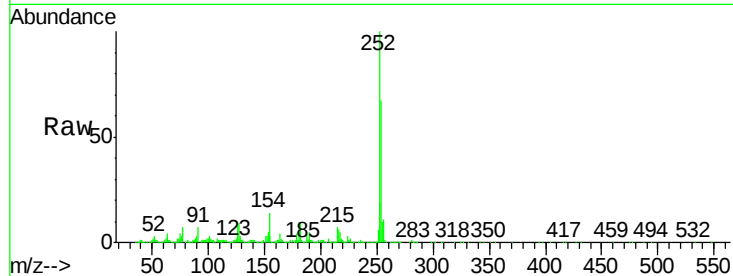




#81
 3,3'-Dichlorobenzidine
 Concen: 38.34 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. 0.03 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

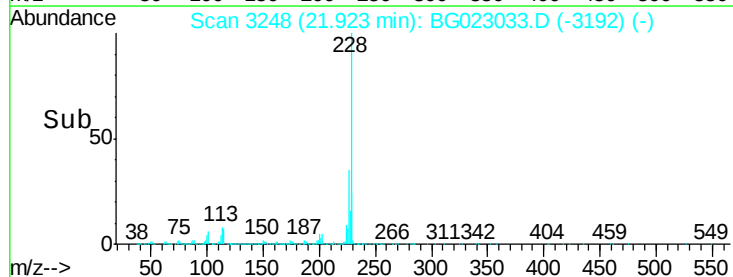
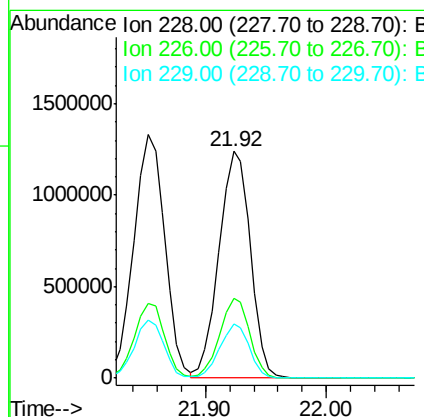
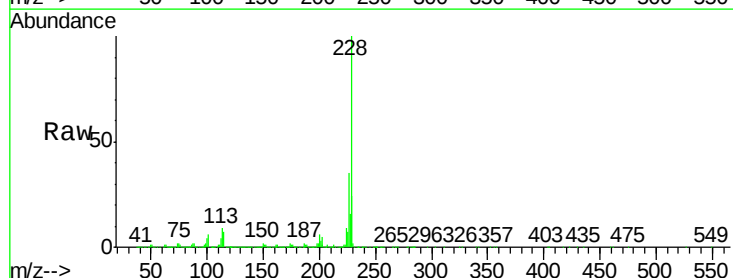
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

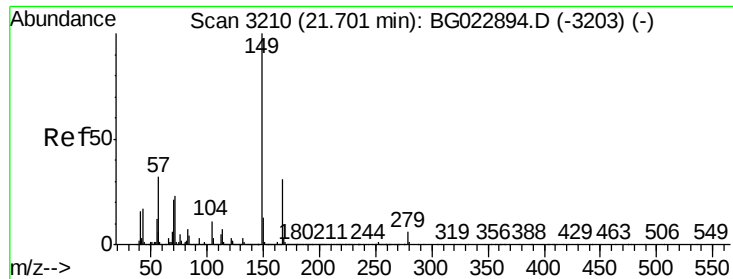
Tot Ion:252 Resp: 1011610
 Ion Ratio Lower Upper
 252 100
 254 67.1 51.2 76.8
 126 8.1 5.3 7.9#



#82
 Chrysene
 Concen: 39.43 ng
 RT: 21.92 min Scan# 3248
 Delta R.T. 0.03 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion:228 Resp: 2223642
 Ion Ratio Lower Upper
 228 100
 226 35.3 26.7 40.1
 229 24.1 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.97 ng

RT: 21.74 min Scan# 3216

Delta R.T. 0.03 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

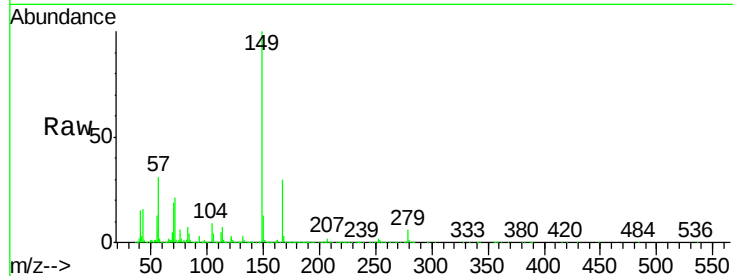
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1360610

Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.0	36.0
279	6.0	4.8	7.2

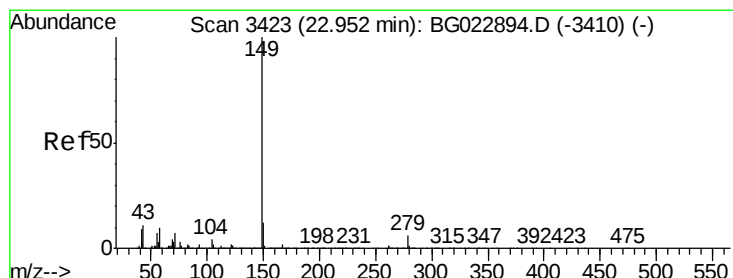
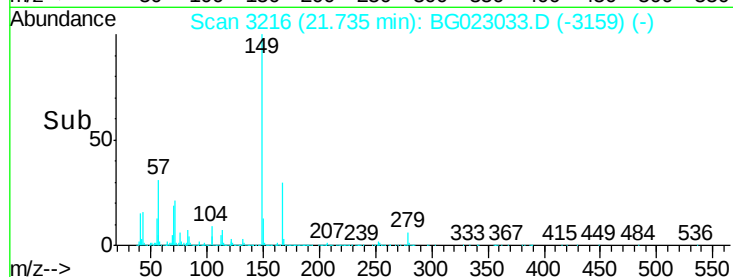
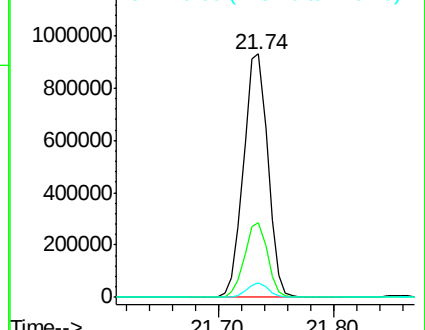


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.04 ng

RT: 23.00 min Scan# 3431

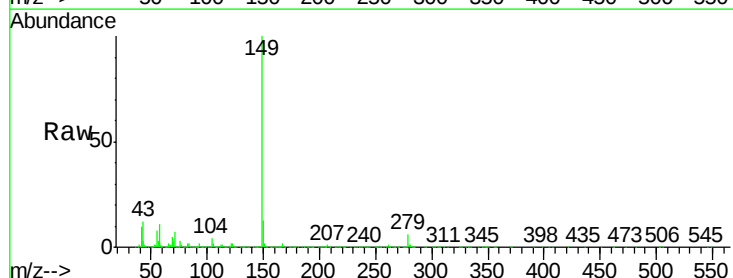
Delta R.T. 0.05 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Tgt Ion:149 Resp: 2272900

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.5	2.3
43	10.5	8.8	13.2

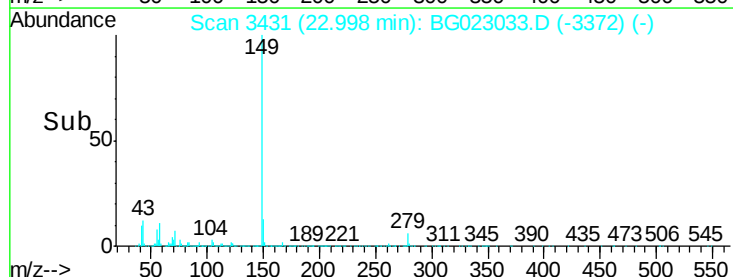
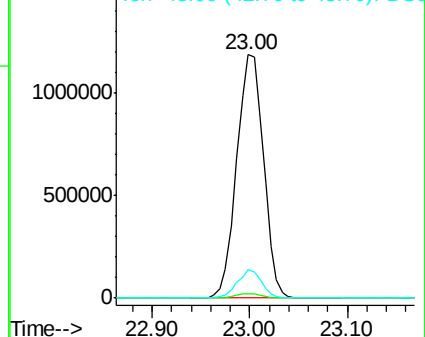


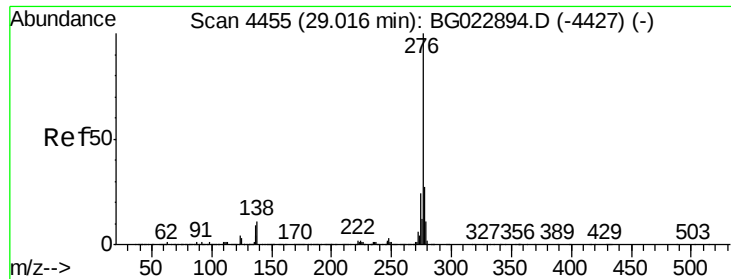
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.16 ng

RT: 29.14 min Scan# 4476

Delta R.T. 0.12 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

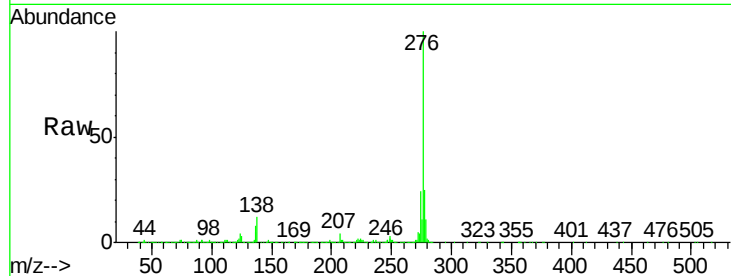
Tot Ion:276 Resp: 2671596

Ion Ratio Lower Upper

276 100

138 5.8 0.0 0.0#

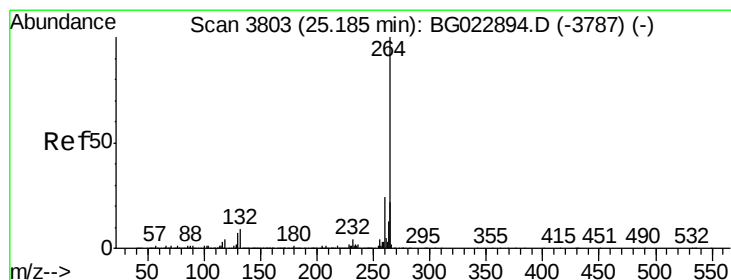
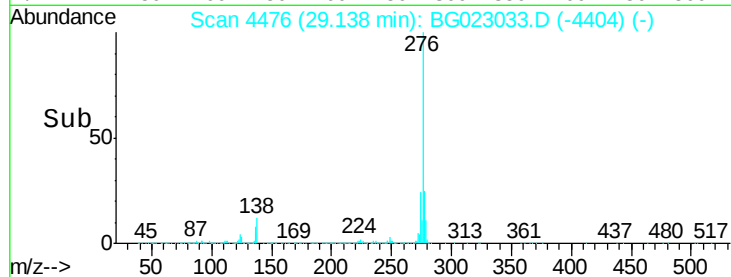
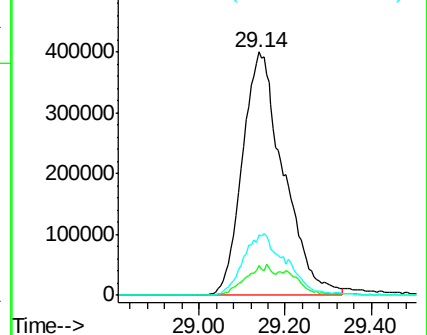
277 26.2 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3816

Delta R.T. 0.08 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

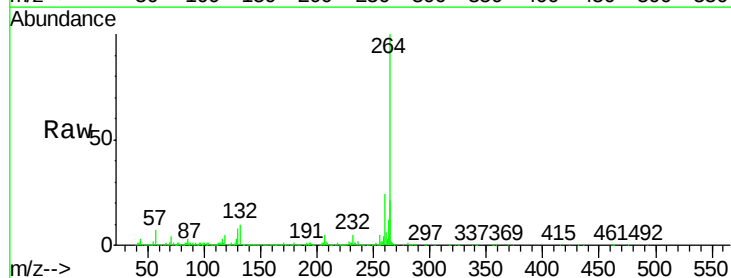
Tgt Ion:264 Resp: 1099460

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

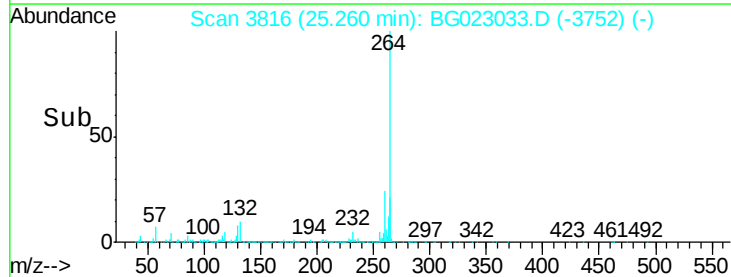
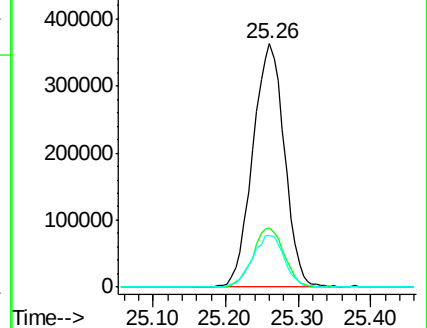
265 21.4 18.9 28.3

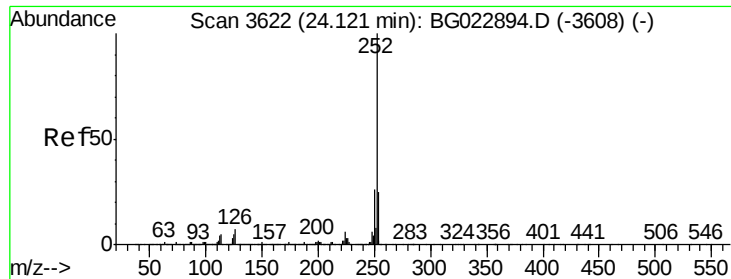


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.40 ng

RT: 24.18 min Scan# 3632

Delta R.T. 0.06 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

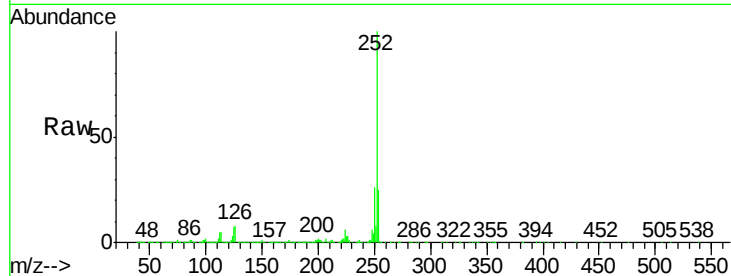
Tot Ion:252 Resp: 2499356

Ion Ratio Lower Upper

252 100

253 24.6 18.9 28.3

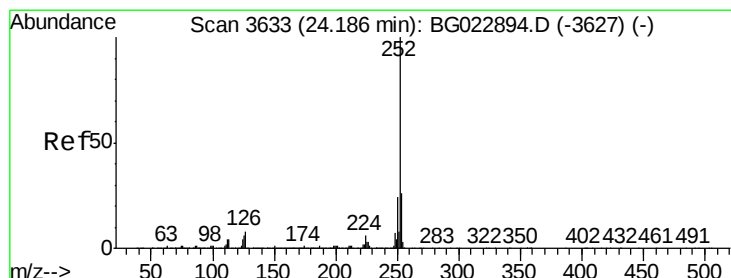
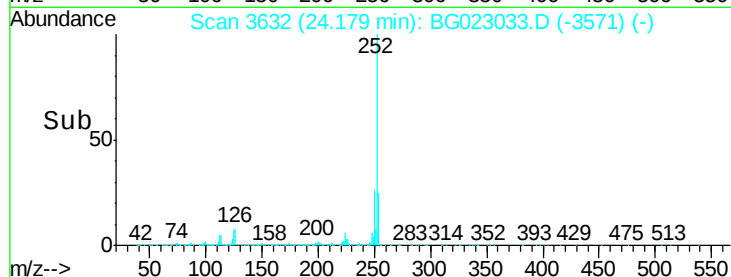
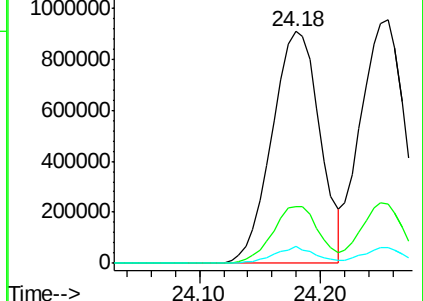
125 7.2 3.9 5.9#



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: 40.34 ng

RT: 24.26 min Scan# 3645

Delta R.T. 0.07 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

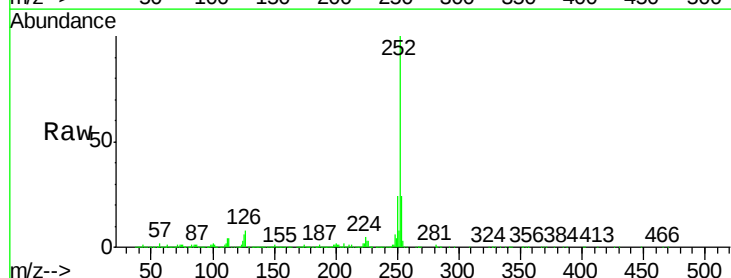
Tgt Ion:252 Resp: 2428156

Ion Ratio Lower Upper

252 100

253 24.4 18.8 28.2

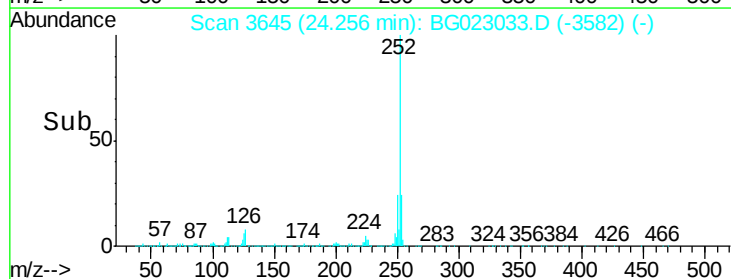
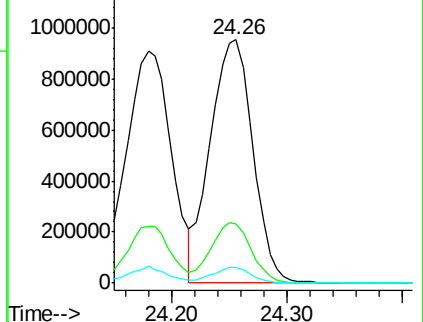
125 6.3 3.2 4.8#

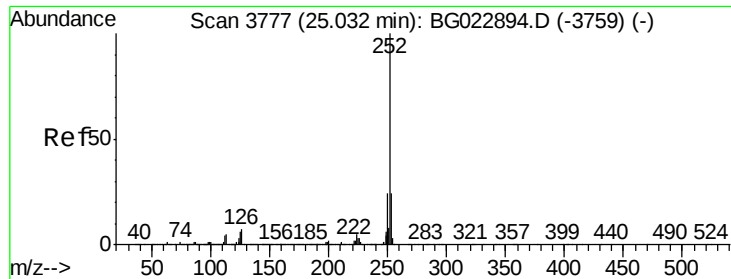


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.57 ng

RT: 25.10 min Scan# 3789

Delta R.T. 0.07 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

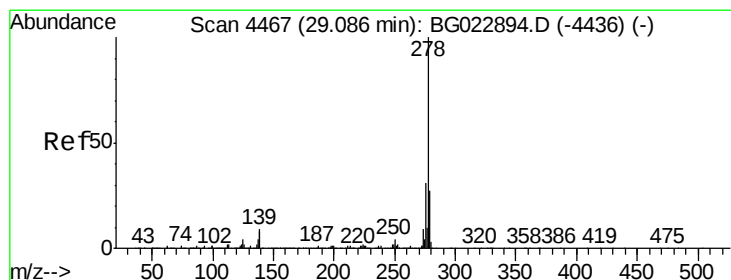
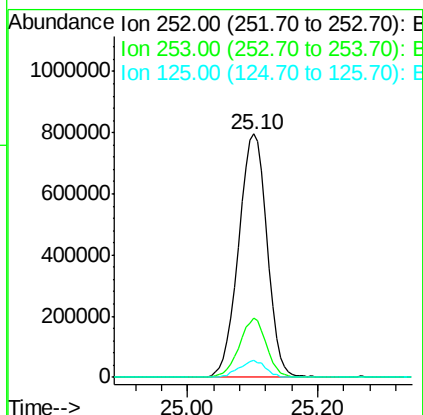
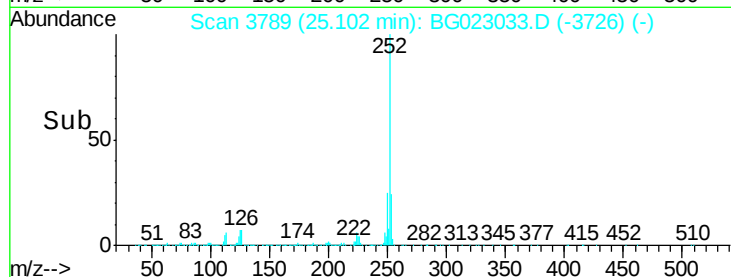
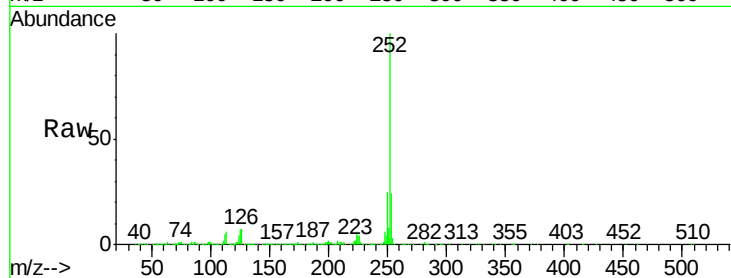
Tot Ion:252 Resp: 2406303

Ion Ratio Lower Upper

252 100

253 24.1 18.7 28.1

125 7.2 3.9 5.9#



#90

Dibenzo(a,h)anthracene

Concen: 38.26 ng

RT: 29.21 min Scan# 4488

Delta R.T. 0.12 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

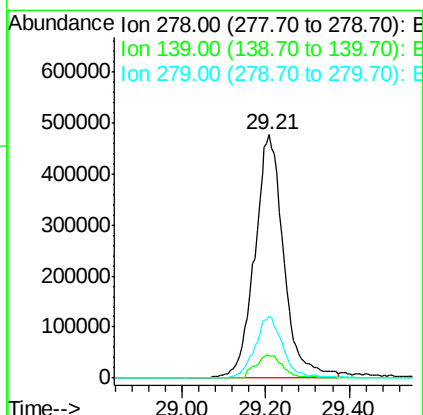
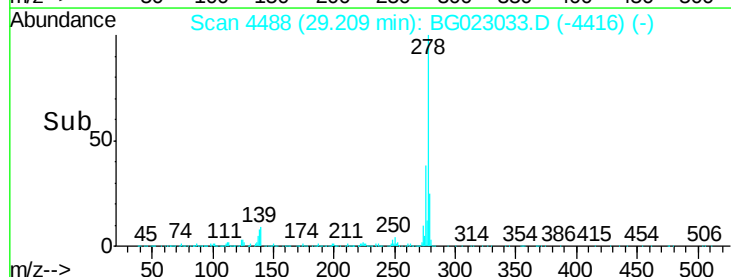
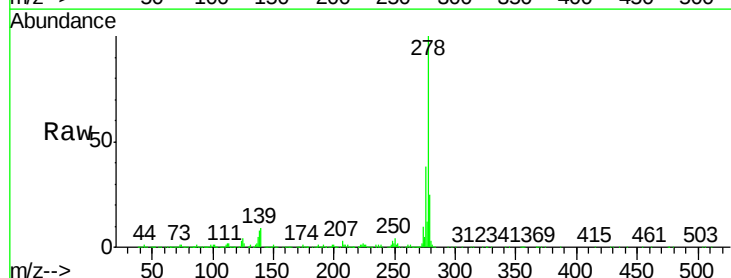
Tgt Ion:278 Resp: 2309173

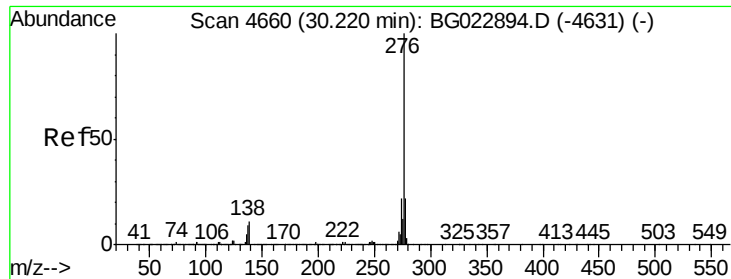
Ion Ratio Lower Upper

278 100

139 9.1 4.7 7.1#

279 25.3 18.3 27.5





#91

Benzo(a,h,i)perylene

Concen: 37.29 ng

RT: 30.35 min Scan# 4683

Delta R.T. 0.13 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 2254015

Ion Ratio Lower Upper

276 100

277 24.8 18.6 27.8

138 13.3 6.8 10.2#

