

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022944.D
 Acq On : 9 Jul 2016 00:05
 Operator : UM/SJ
 Sample : H3884-02MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 09 01:03:28 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	8.16	152	105651	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	514622	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	398125	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	968267	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1029792	20.00	ng	0.00
86) Perylene-d12	25.20	264	1037107	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	854416	132.27	ng	0.00
7) Phenol-d6	7.31	99	1354827	133.91	ng	0.00
23) Nitrobenzene-d5	9.33	82	940118	78.22	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	753624	105.32	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1717134	67.94	ng	0.00
78) Terphenyl-d14	20.15	244	2570565	76.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	82305	32.78	ng	# 91
3) Pyridine	3.97	79	203846	23.72	ng	90
4) n-Nitrosodimethylamine	3.88	42	113604	30.82	ng	# 94
6) Aniline	7.47	93	257544	18.37	ng	93
8) 2-Chlorophenol	7.72	128	248652	36.17	ng	97
9) Benzaldehyde	7.29	77	218339	32.30	ng	98
10) Phenol	7.34	94	416678	40.03	ng	87
11) bis(2-Chloroethyl)ether	7.56	93	269008	32.60	ng	97
12) 1,3-Dichlorobenzene	8.04	146	254953	30.30	ng	98
13) 1,4-Dichlorobenzene	8.19	146	260508	30.92	ng	96
14) 1,2-Dichlorobenzene	8.51	146	266878	31.87	ng	96
15) Benzyl Alcohol	8.39	79	334168	36.06	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	325388	32.28	ng	95
17) 2-Methylphenol	8.60	107	252848	37.31	ng	94
18) Hexachloroethane	9.25	117	102517	28.83	ng	# 83
19) n-Nitroso-di-n-propylamine	8.95	70	278141	30.50	ng	92
20) 3+4-Methylphenols	8.93	107	344202	36.42	ng	95
22) Acetophenone	8.98	105	457826	29.64	ng	# 93
24) Nitrobenzene	9.37	77	407392	31.90	ng	94
25) Isophorone	9.89	82	732996	30.32	ng	96
26) 2-Nitrophenol	10.08	139	164651	32.86	ng	90
27) 2,4-Dimethylphenol	10.14	122	278978	32.21	ng	92
28) bis(2-Chloroethoxy)methane	10.37	93	417884	31.00	ng	# 96
29) 2,4-Dichlorophenol	10.62	162	319557	34.59	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	325554	30.75	ng	96
31) Naphthalene	11.03	128	812858	31.03	ng	99
32) Benzoic acid	10.24	122	91085	11.56	ng	# 88
33) 4-Chloroaniline	11.14	127	116851	9.12	ng	95
34) Hexachlorobutadiene	11.31	225	238856	27.83	ng	94
35) Caprolactam	11.92	113	52569	13.83	ng	96
36) 4-Chloro-3-methylphenol	12.26	107	405565	32.10	ng	99
37) 2-Methylnaphthalene	12.63	142	652323	31.51	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	442769	25.81	ng	99
40) Hexachlorocyclopentadiene	12.97	237	682232	69.07	ng	98

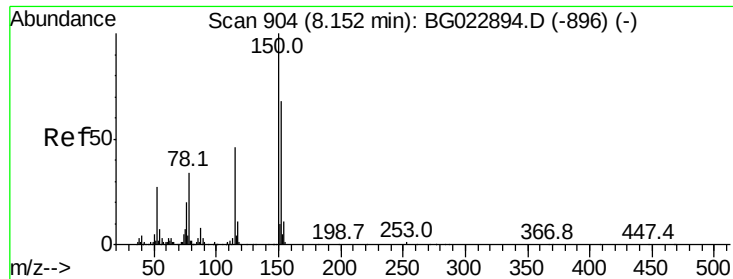
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022944.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	312622	31.70	nq	94
43) 2,4,5-Trichlorophenol	13.31	196	342549	33.83	nq	95
45) 1,1'-Biphenyl	13.63	154	918186	30.74	nq	98
46) 2-Chloronaphthalene	13.68	162	749856	30.95	nq	96
47) 2-Nitroaniline	13.88	65	312994	30.27	nq	96
48) Acenaphthylene	14.52	152	1146042	31.53	nq	98
49) Dimethylphthalate	14.24	163	1415515	43.53	nq	98
50) 2,6-Dinitrotoluene	14.37	165	234375	32.07	nq	90
51) Acenaphthene	14.86	154	750106	31.58	nq	98
52) 3-Nitroaniline	14.70	138	137661	18.89	nq	95
53) 2,4-Dinitrophenol	14.91	184	250904	50.03	nq	98
54) Dibenzofuran	15.19	168	1193982	33.58	nq	99
55) 4-Nitrophenol	15.02	139	483714	79.18	nq	93
56) 2,4-Dinitrotoluene	15.16	165	347441	32.61	nq	90
57) Fluorene	15.85	166	976171	31.90	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	343573	33.91	nq	# 97
59) Diethylphthalate	15.60	149	1059809	32.03	nq	97
60) 4-Chlorophenyl-phenylether	15.84	204	570073	30.59	nq	97
61) 4-Nitroaniline	15.87	138	222132	28.17	nq	89
62) Azobenzene	16.13	77	1112255	35.14	nq	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	207077	28.78	nq	97
65) n-Nitrosodiphenylamine	16.05	169	915369	32.81	nq	99
66) 4-Bromophenyl-phenylether	16.73	248	384330	30.51	nq	92
67) Hexachlorobenzene	16.85	284	413572	30.19	nq	98
68) Atrazine	17.00	200	405153	32.74	nq	97
69) Pentachlorophenol	17.20	266	659834	74.39	nq	99
70) Phenanthrene	17.60	178	1577436	33.24	nq	99
71) Anthracene	17.69	178	1566349	32.60	nq	99
72) Carbazole	17.96	167	1376847	33.16	nq	98
73) Di-n-butylphthalate	18.50	149	1604228	34.74	nq	98
74) Fluoranthene	19.60	202	1842798	31.65	nq	98
76) Benzidine	19.78	184	1041073	35.26	nq	99
77) Pyrene	19.97	202	1841187	31.82	nq	98
79) Butylbenzylphthalate	20.84	149	750366	32.74	nq	94
80) Benzo(a)anthracene	21.83	228	1885113	32.72	nq	97
81) 3,3'-Dichlorobenzidine	21.73	252	362949	14.35	nq	# 92
82) Chrysene	21.90	228	1778131	32.90	nq	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1363744	42.85	nq	100
84) Di-n-octyl phthalate	22.96	149	1725023	32.50	nq	97
85) Indeno(1,2,3-cd)pyrene	29.05	276	2168416	31.47	nq	# 100
87) Benzo(b)fluoranthene	24.13	252	2015793	33.69	nq	99
88) Benzo(k)fluoranthene	24.20	252	1858568	32.73	nq	# 99
89) Benzo(a)pyrene	25.04	252	1903149	33.18	nq	# 98
90) Dibenzo(a,h)anthracene	29.12	278	1827226	32.10	nq	# 96
91) Benzo(g,h,i)perylene	30.26	276	1810471	31.76	nq	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

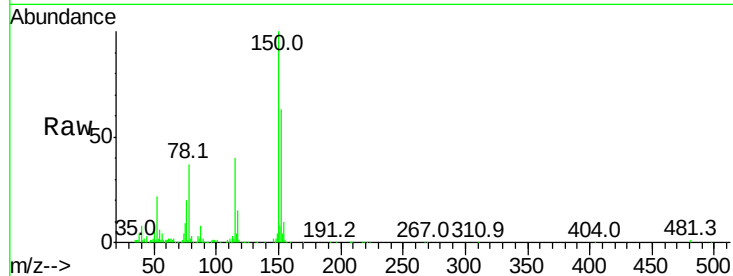
Tot Ion:152 Resp: 105651

Ion Ratio Lower Upper

152 100

150 158.2 144.7 217.1

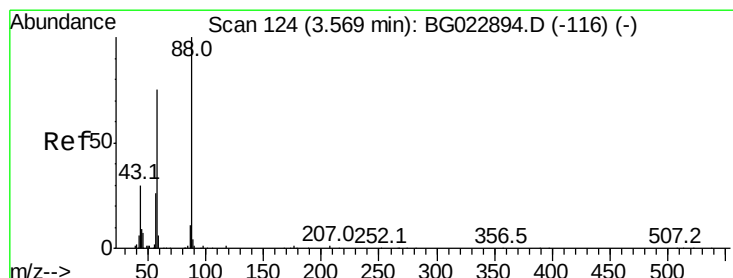
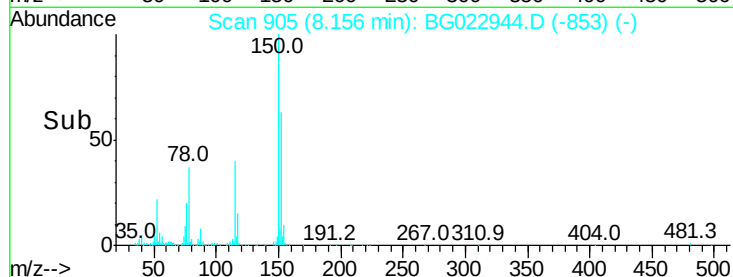
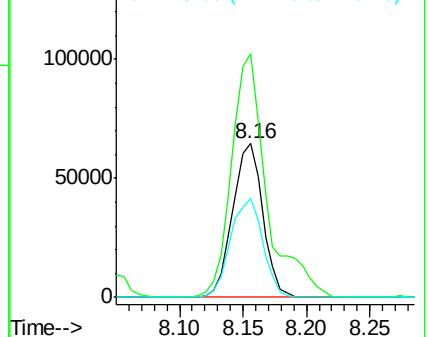
115 64.0 64.0 96.0#



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: 32.78 ng

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

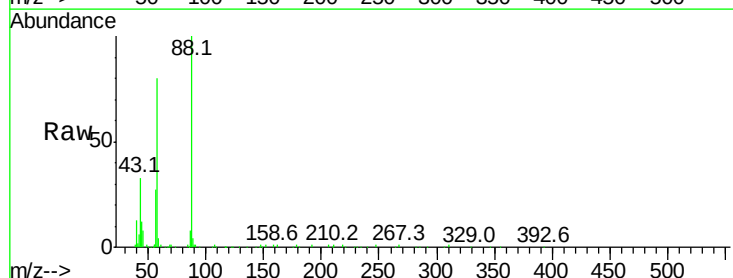
Tgt Ion: 88 Resp: 82305

Ion Ratio Lower Upper

88 100

58 80.9 60.4 90.6

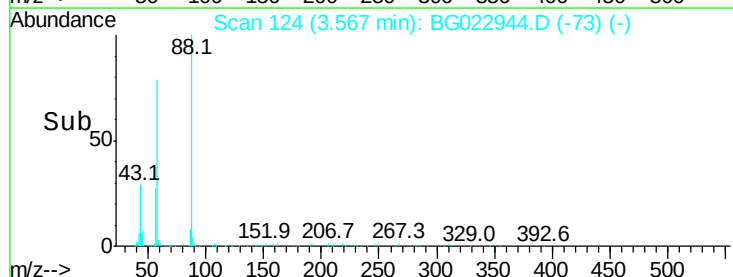
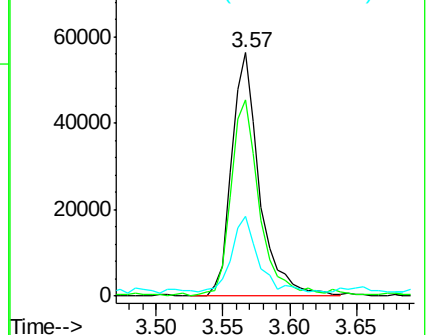
43 29.9 31.1 46.7#

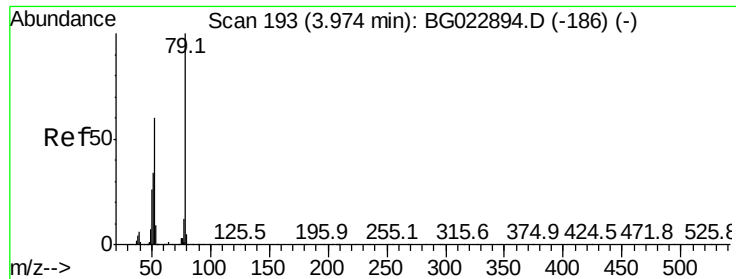


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 23.72 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

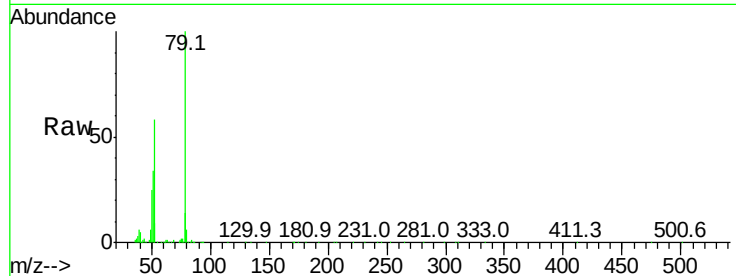
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 203846

Ion	Ratio	Lower	Upper
79	100		
52	58.4	51.8	77.8
51	33.6	32.7	49.1



Abundance

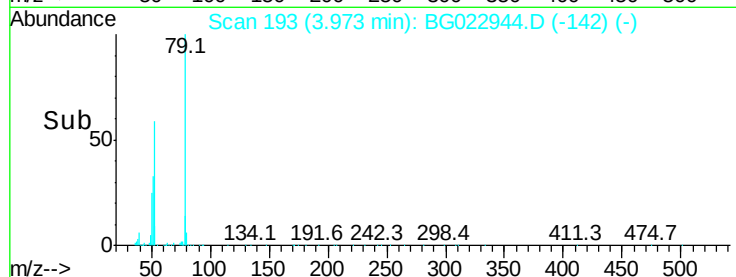
Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

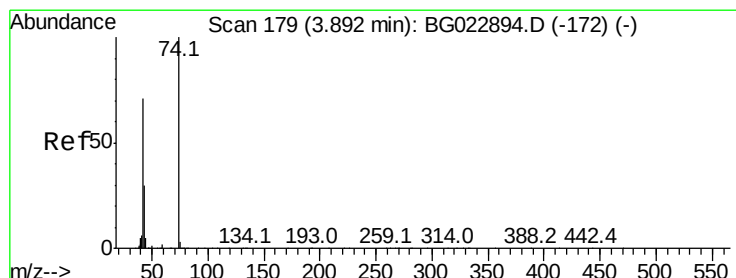
Ion 51.00 (50.70 to 51.70): BGC

3.97

Time-->



Time-->



#4

n-Nitrosodimethylamine

Concen: 30.82 ng

RT: 3.88 min Scan# 178

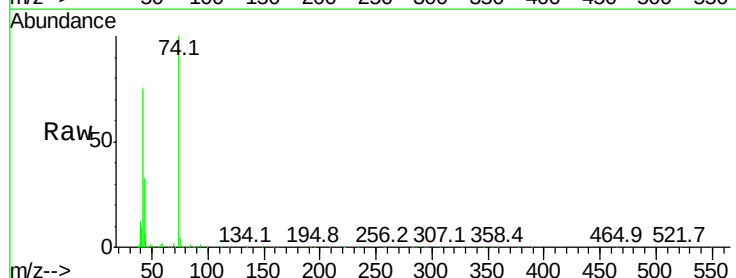
Delta R.T. -0.01 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Tgt Ion: 42 Resp: 113604

Ion	Ratio	Lower	Upper
42	100		
74	132.9	100.6	150.8
44	8.3	4.5	6.7



Abundance

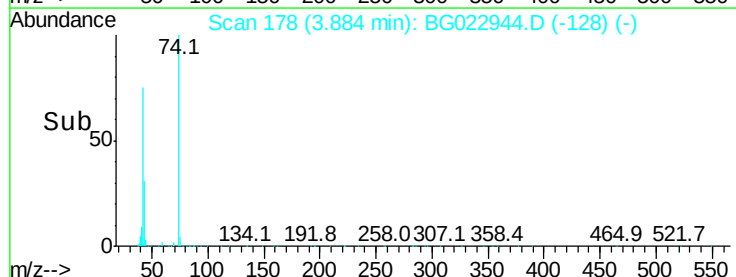
Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

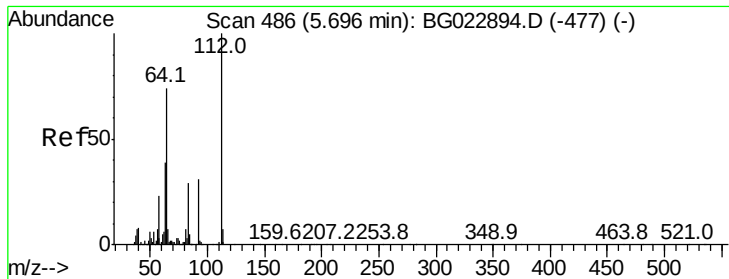
Ion 44.00 (43.70 to 44.70): BGC

3.88

Time-->



Time-->



#5

2-Fluorophenol

Concen: 132.27 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

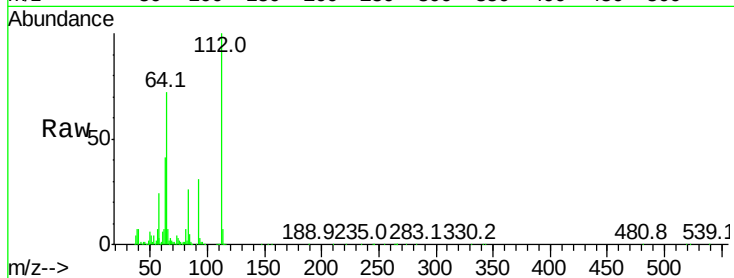
Tot Ion:112 Resp: 854416

Ion Ratio Lower Upper

112 100

64 72.1 59.0 88.4

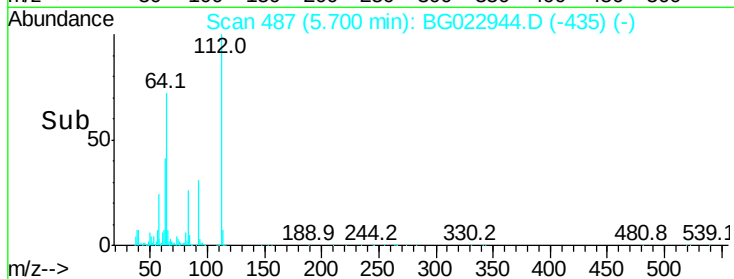
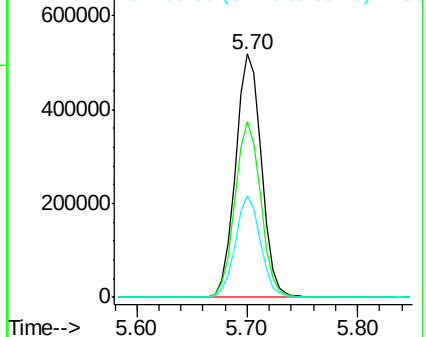
63 41.5 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.37 ng

RT: 7.47 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

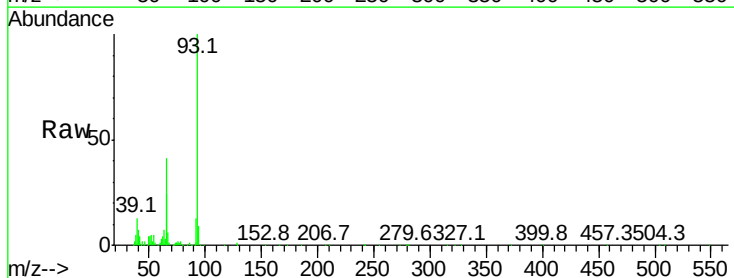
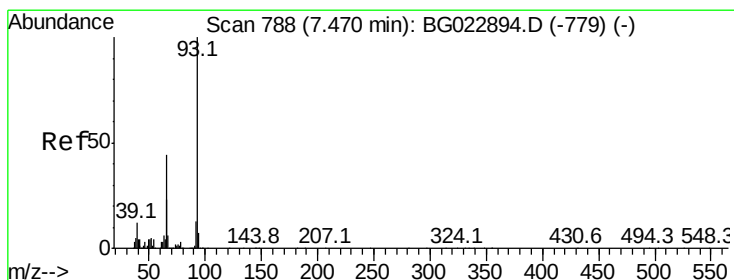
Tgt Ion: 93 Resp: 257544

Ion Ratio Lower Upper

93 100

66 40.8 37.5 56.3

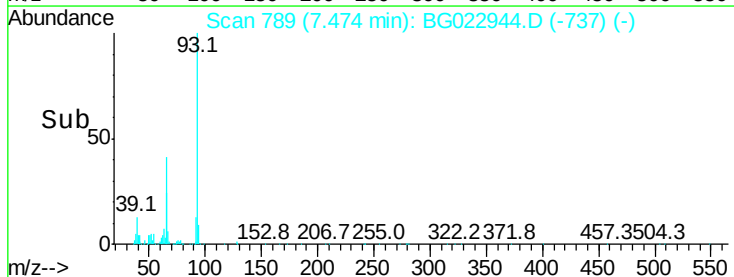
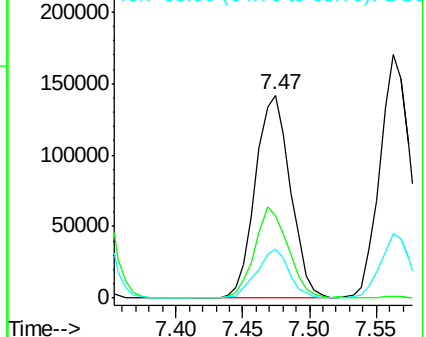
65 23.9 17.9 26.9

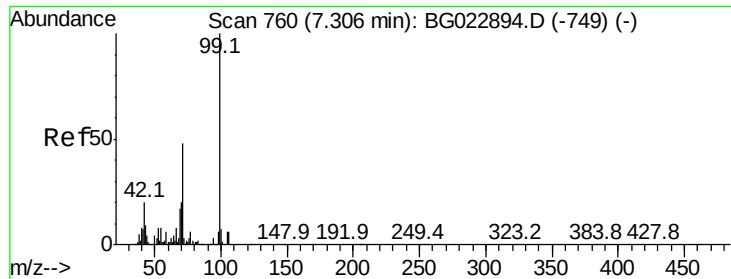


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.91 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

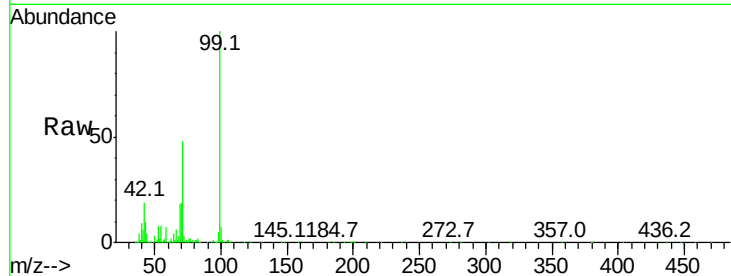
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1354827

Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.8	26.6
71	47.9	41.5	62.3



Abundance

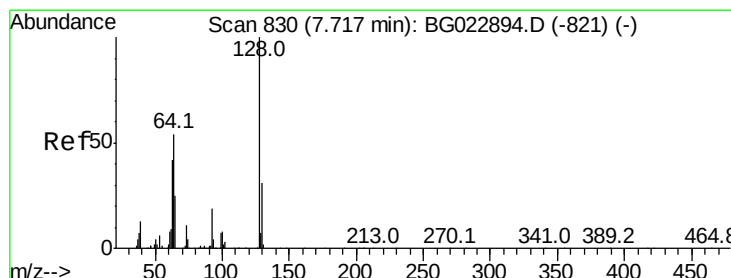
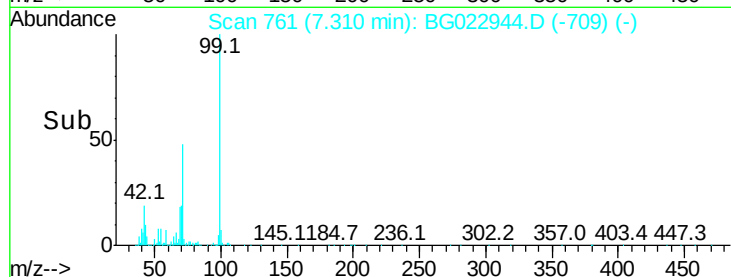
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.31

Time-->



#8

2-Chlorophenol

Concen: 36.17 ng

RT: 7.72 min Scan# 830

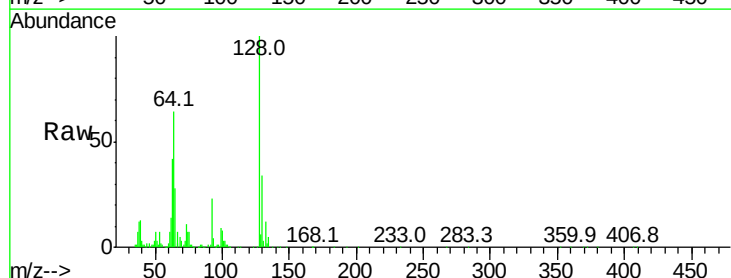
Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Tgt Ion: 128 Resp: 248652

Ion	Ratio	Lower	Upper
128	100		
130	34.2	12.9	52.9
64	64.1	42.0	82.0



Abundance

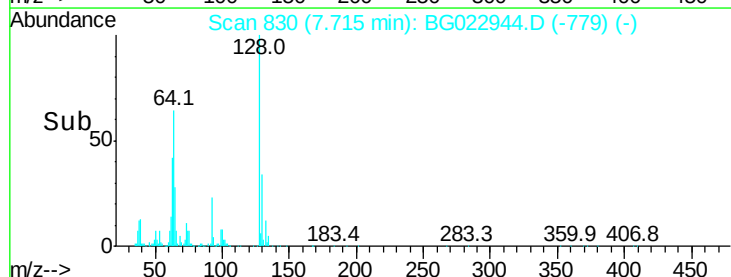
Ion 128.00 (127.70 to 128.70): BGC

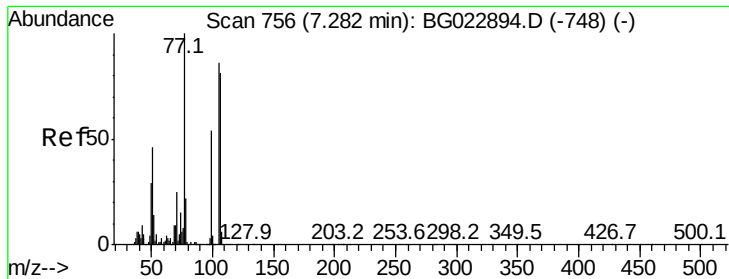
Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

7.72

Time-->





#9

Benzaldehyde

Concen: 32.30 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

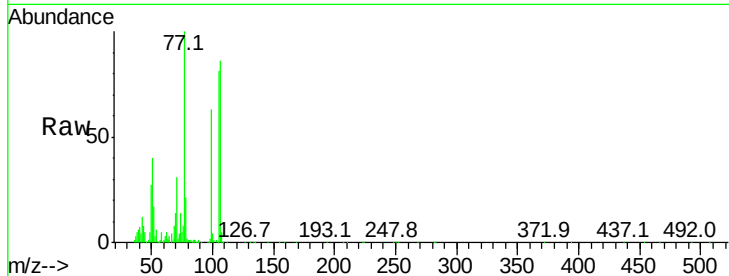
Tot Ion: 77 Resp: 218339

Ion Ratio Lower Upper

77 100

105 81.1 58.7 98.7

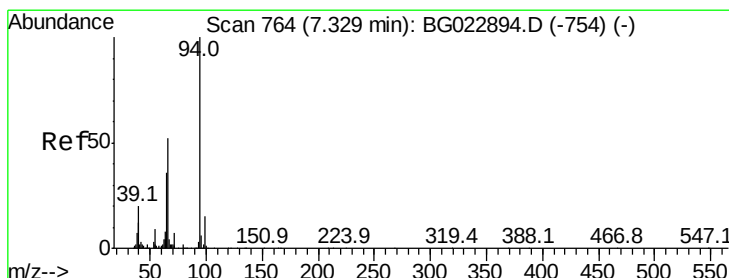
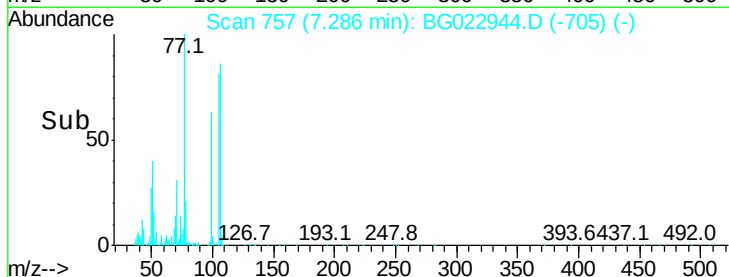
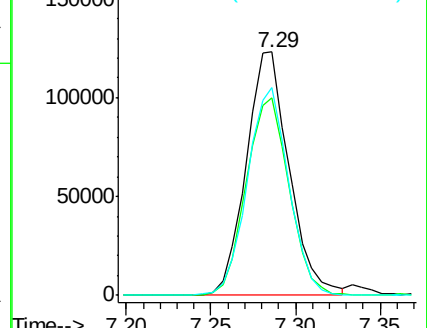
106 85.6 67.5 107.5



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: 40.03 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

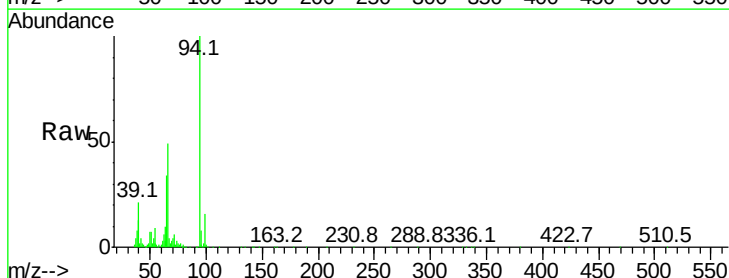
Tgt Ion: 94 Resp: 416678

Ion Ratio Lower Upper

94 100

65 33.9 18.1 58.1

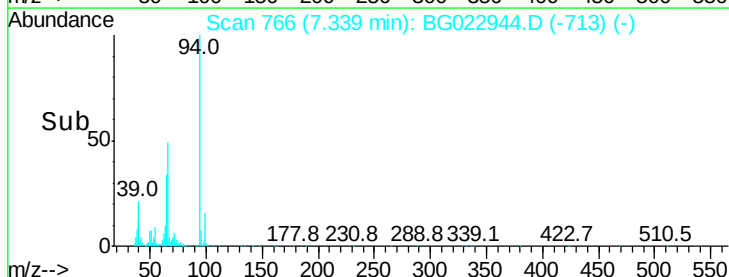
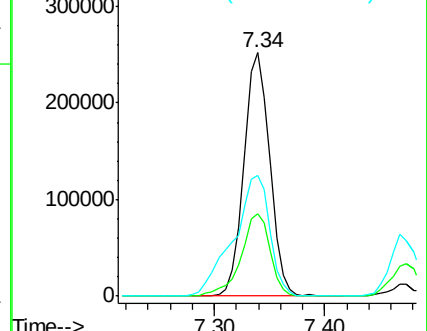
66 49.4 42.1 82.1

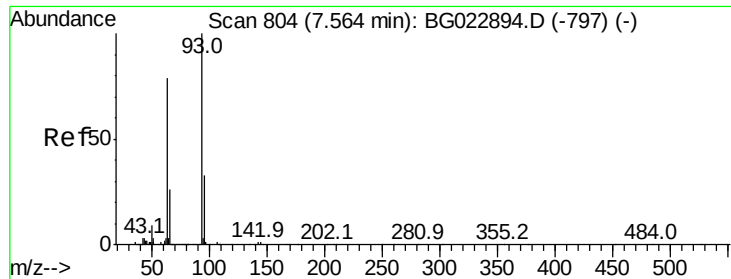


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

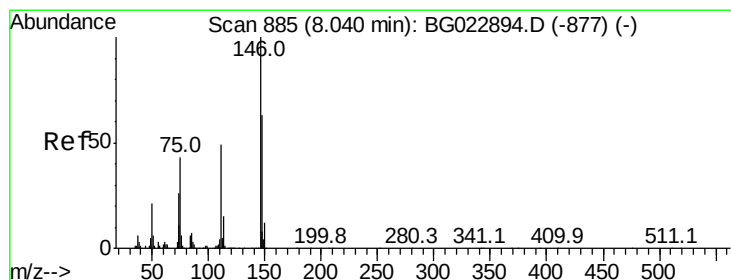
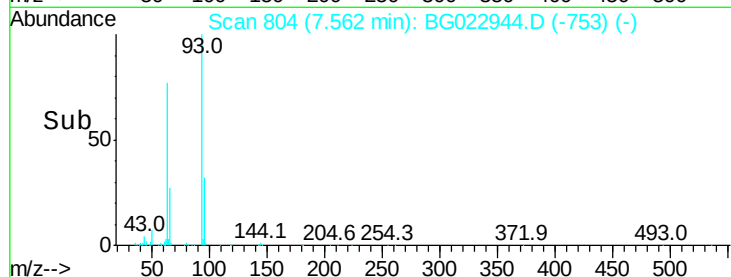
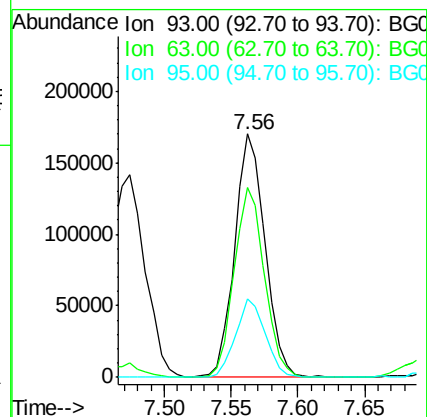
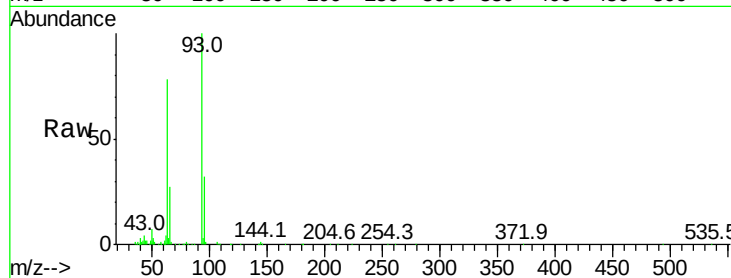




#11
bis(2-Chloroethyl)ether
Concen: 32.60 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

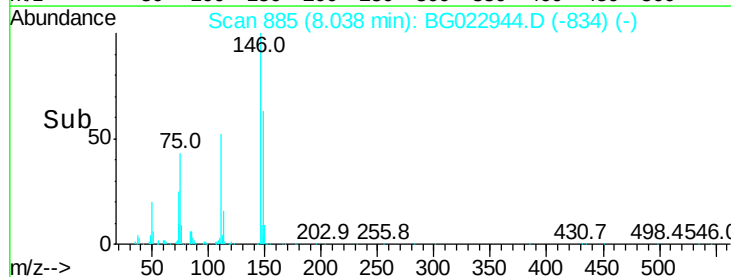
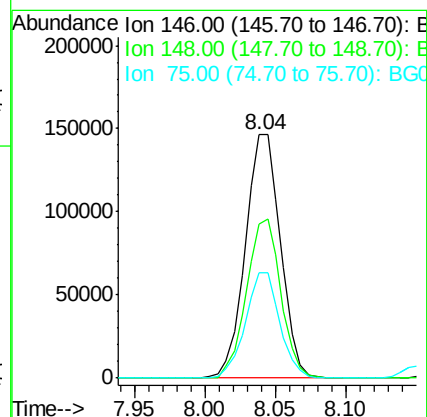
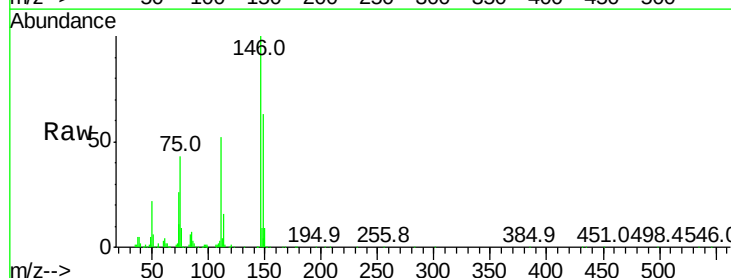
Instrument :
BNA_G
ClientSampleId :

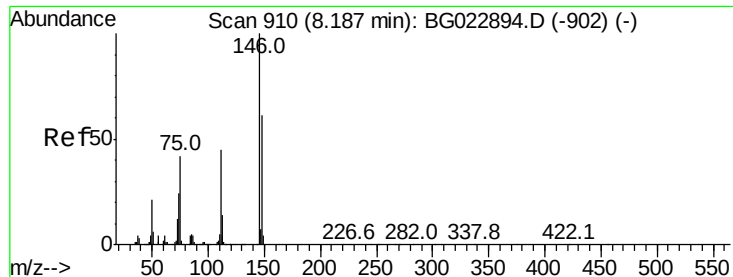
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.1	55.0	95.0
95	32.4	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 30.30 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.3	75.5
75	43.4	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 30.92 ng

RT: 8.19 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

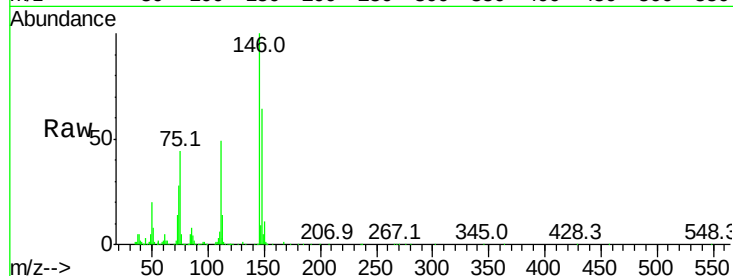
Tot Ion:146 Resp: 260508

Ion Ratio Lower Upper

146 100

148 64.0 54.5 81.7

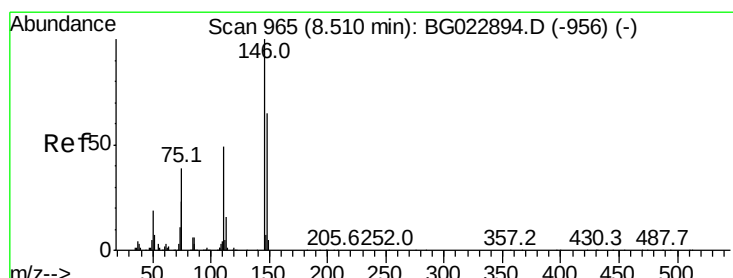
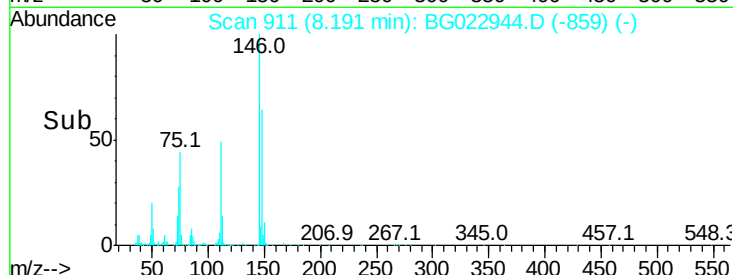
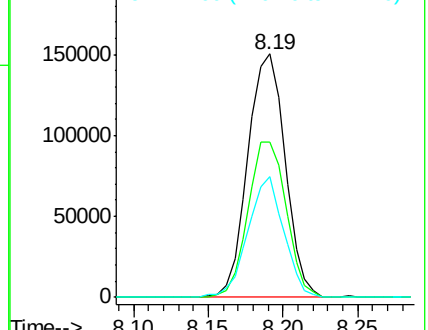
111 49.5 37.8 56.8



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: 31.87 ng

RT: 8.51 min Scan# 965

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

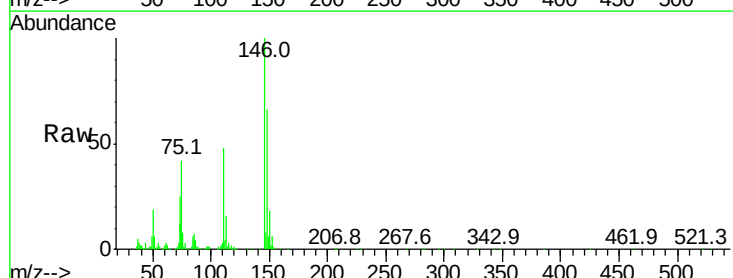
Tgt Ion:146 Resp: 266878

Ion Ratio Lower Upper

146 100

148 66.1 52.9 79.3

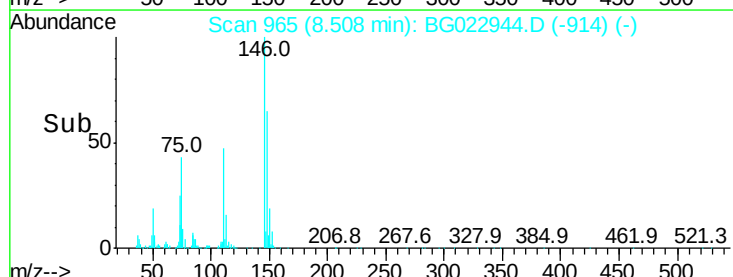
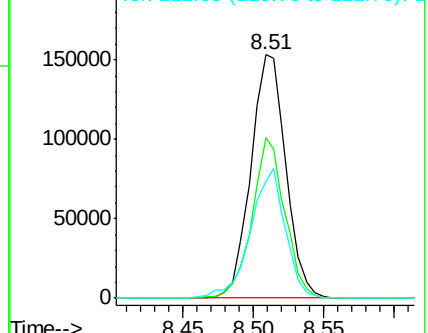
111 47.8 43.5 65.3

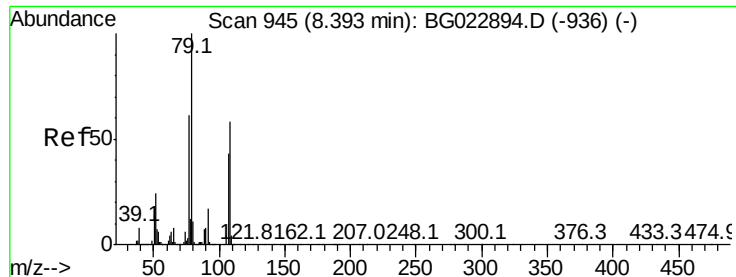


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.06 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

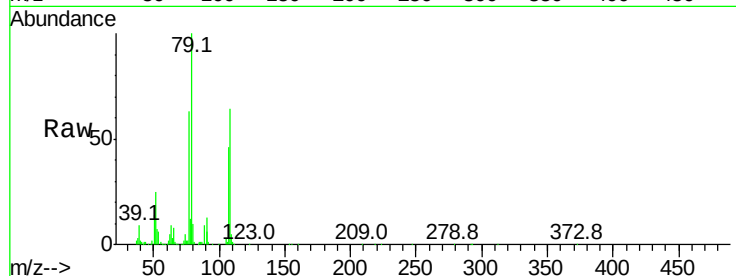
Tot Ion: 79 Resp: 334168

Ion Ratio Lower Upper

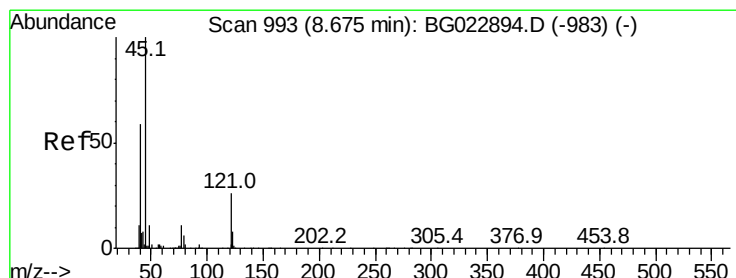
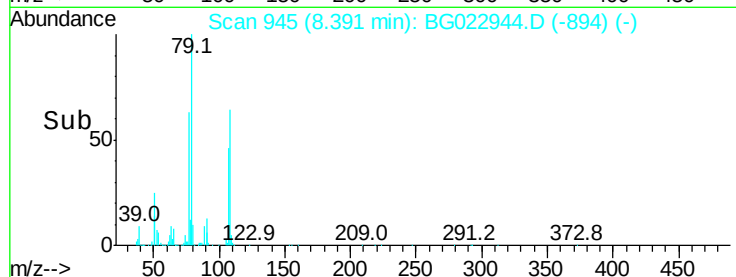
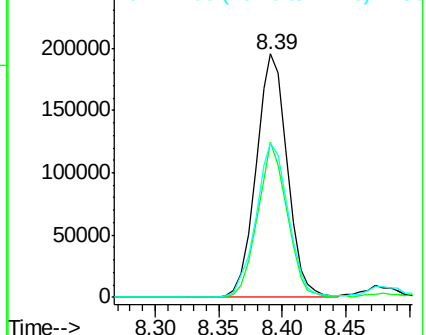
79 100

108 63.9 46.5 69.7

77 63.2 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: 32.28 ng

RT: 8.68 min Scan# 994

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

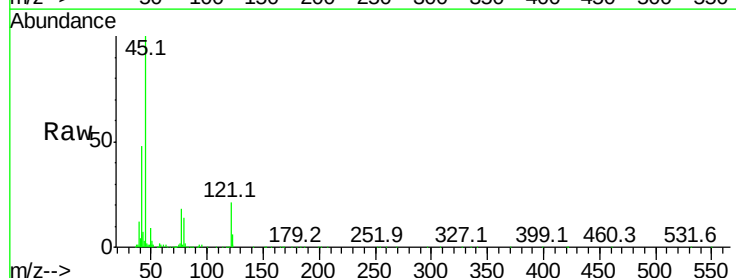
Tgt Ion: 45 Resp: 325388

Ion Ratio Lower Upper

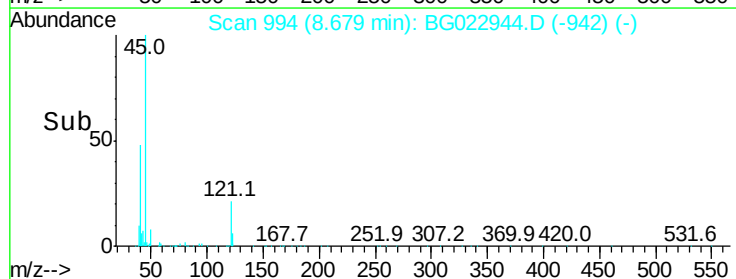
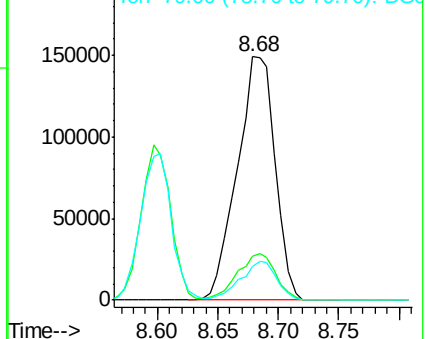
45 100

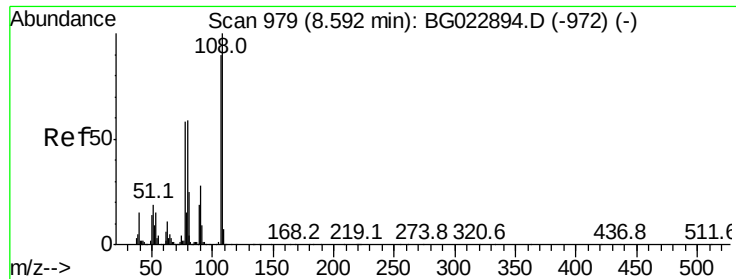
77 18.3 0.6 40.6

79 13.7 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: 37.31 ng

RT: 8.60 min Scan# 981

Delta R.T. 0.01 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 252848

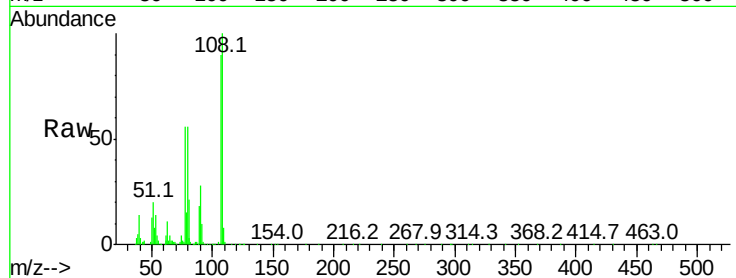
Ion Ratio Lower Upper

107 100

108 111.4 92.0 138.0

77 62.1 55.8 83.6

79 62.6 55.0 82.6



Abundance Ion 107.00 (106.70 to 107.70): E

250000 Ion 108.00 (107.70 to 108.70): E

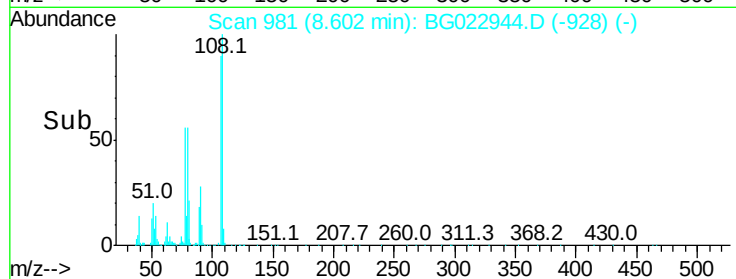
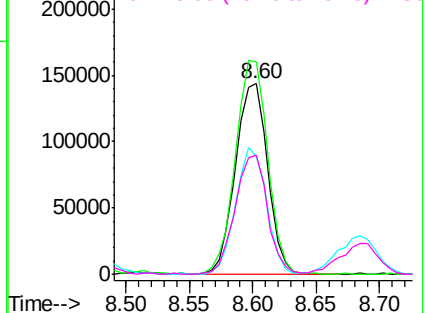
200000 Ion 77.00 (76.70 to 77.70): BG

150000 Ion 79.00 (78.70 to 79.70): BG

100000

50000

0



#18

Hexachloroethane

Concen: 28.83 ng

RT: 9.25 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

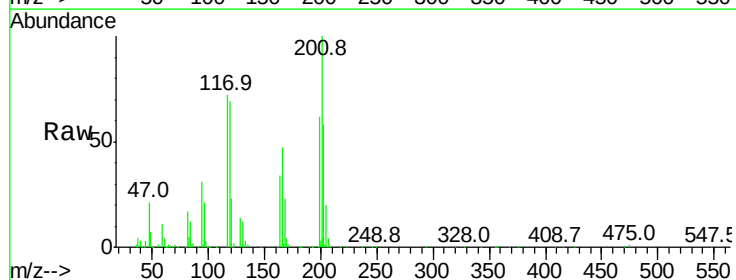
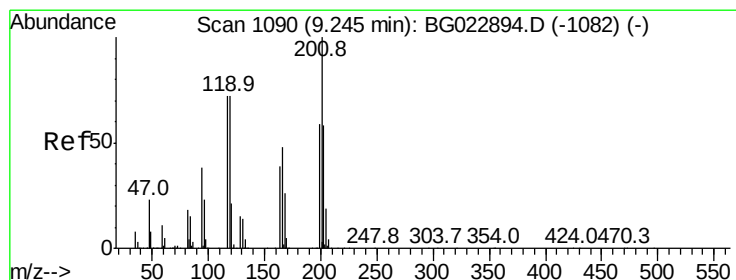
Tgt Ion:117 Resp: 102517

Ion Ratio Lower Upper

117 100

119 96.6 73.7 110.5

201 139.7 88.7 133.1#



Abundance Ion 117.00 (116.70 to 117.70): E

100000 Ion 119.00 (118.70 to 119.70): E

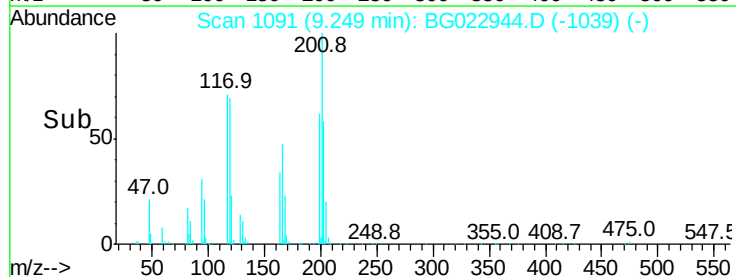
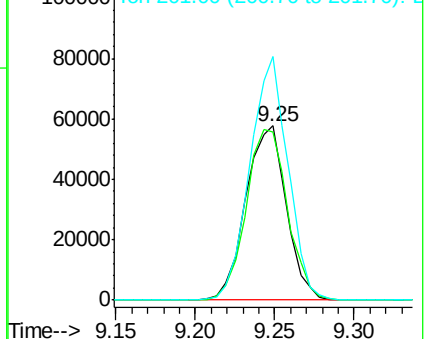
80000 Ion 201.00 (200.70 to 201.70): E

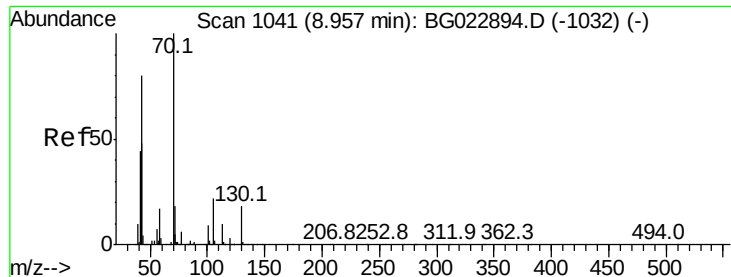
60000

40000

20000

0

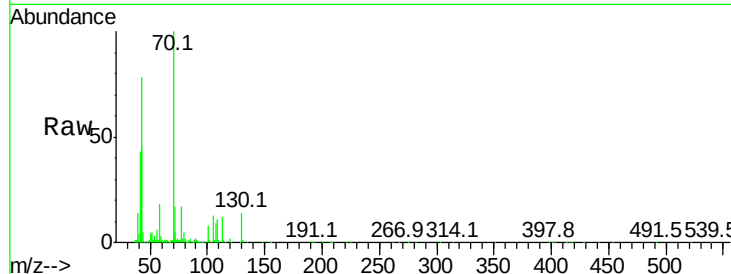




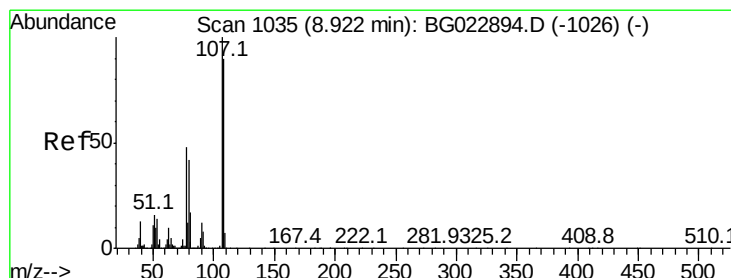
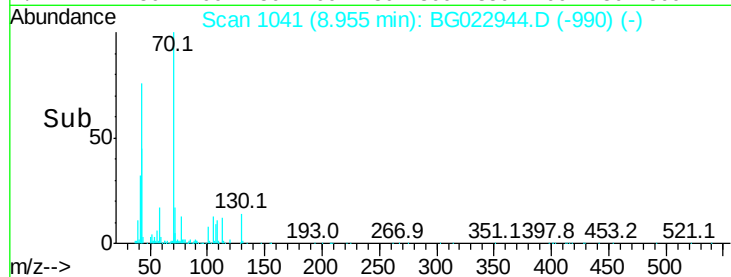
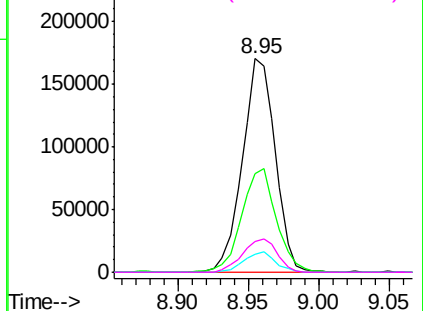
#19
n-Nitroso-di-n-propylamine
Concen: 30.50 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 278141
Ion Ratio Lower Upper
70 100
42 46.3 42.1 63.1
101 8.3 7.2 10.8
130 14.3 14.2 21.2

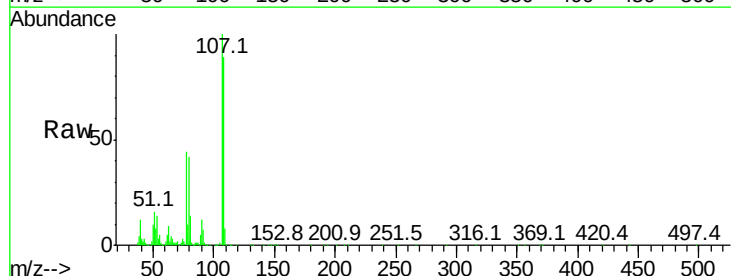


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

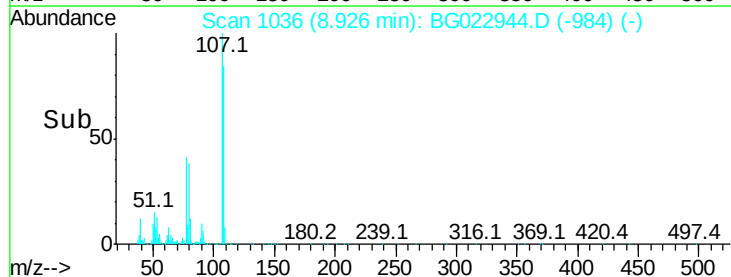
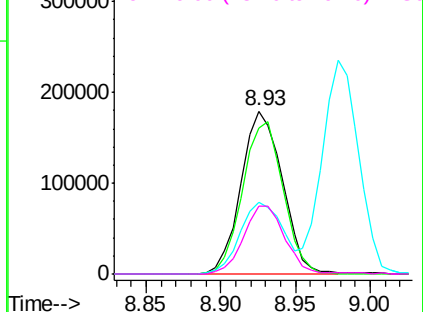


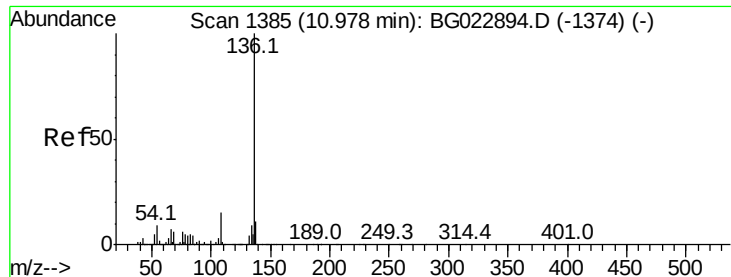
#20
3+4-Methylphenols
Concen: 36.42 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion: 107 Resp: 344202
Ion Ratio Lower Upper
107 100
108 89.4 72.5 112.5
77 43.9 30.1 70.1
79 42.0 24.2 64.2



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 514622

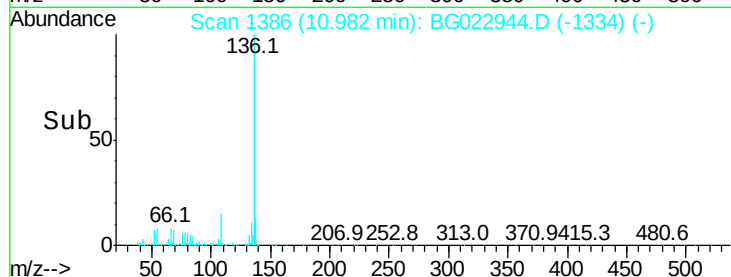
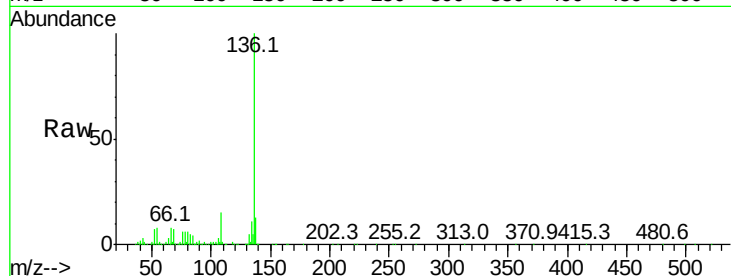
Ion Ratio Lower Upper

136 100

137 12.8 9.6 14.4

54 7.8 7.3 10.9

68 7.0 5.3 7.9

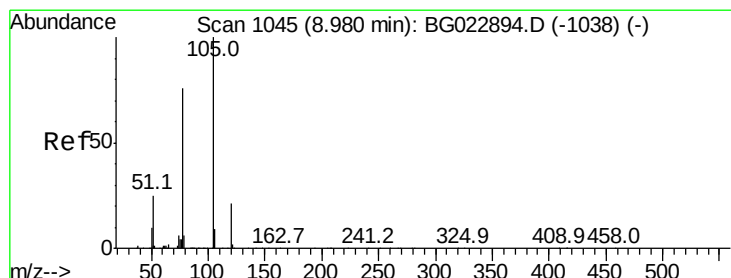
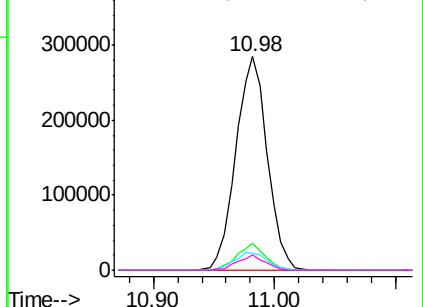


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 29.64 ng

RT: 8.98 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Tgt Ion:105 Resp: 457826

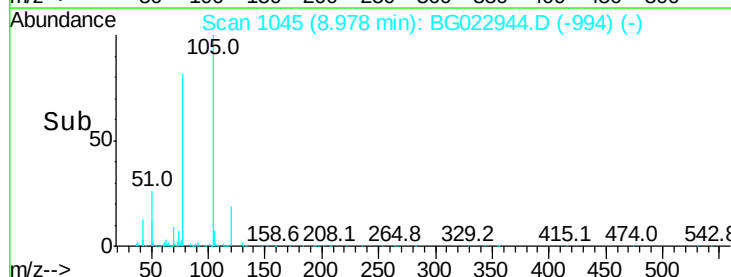
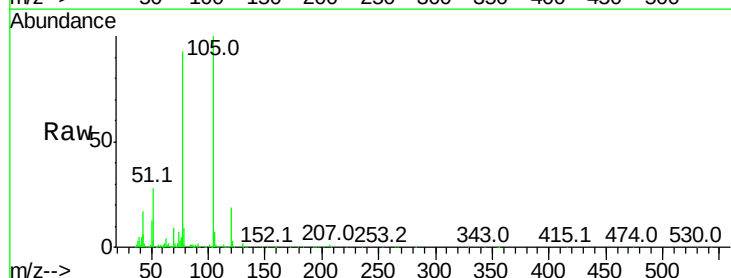
Ion Ratio Lower Upper

105 100

71 1.6 2.6 3.8#

51 27.7 27.1 40.7

120 18.7 15.1 22.7

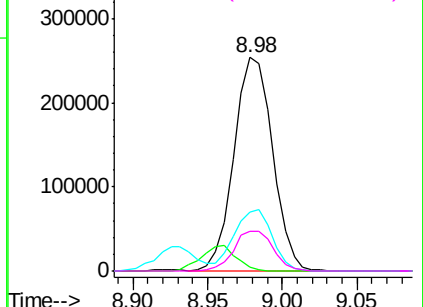


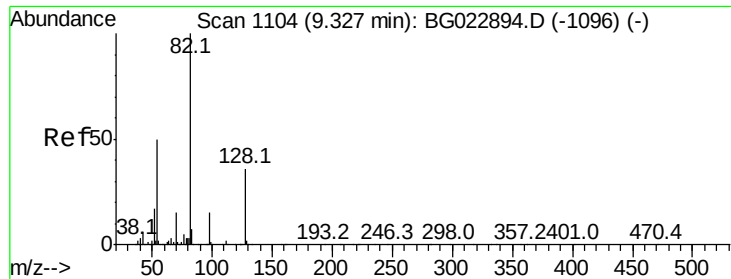
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

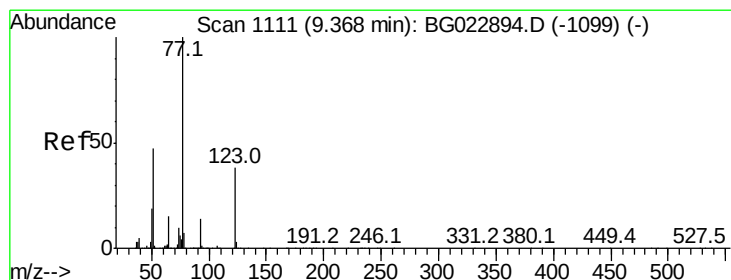
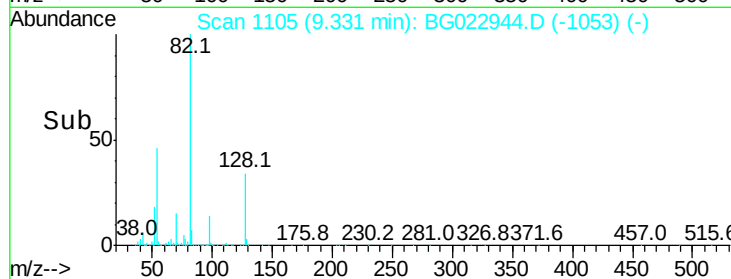
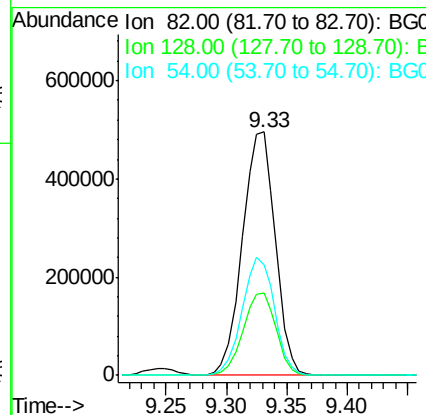
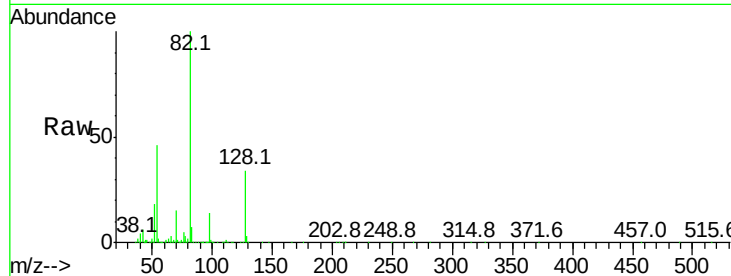




#23
 Nitrobenzene-d5
 Concen: 78.22 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

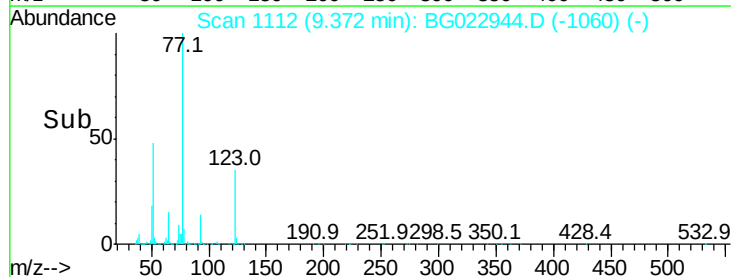
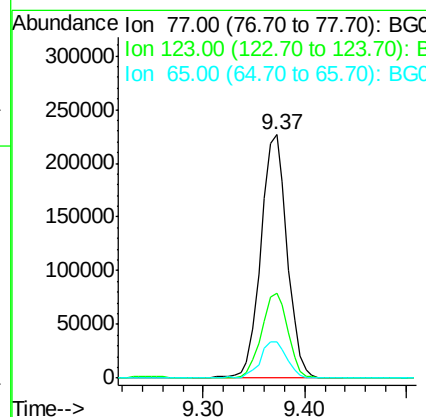
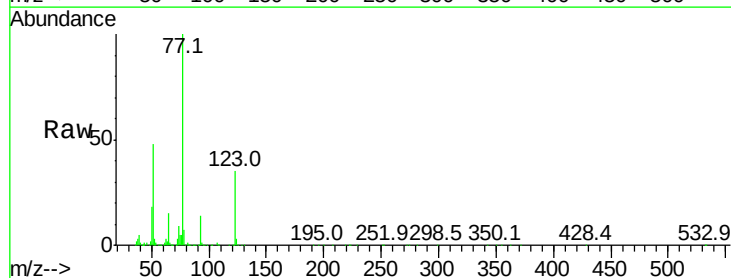
Instrument :
 BNA_G
 ClientSampleId :

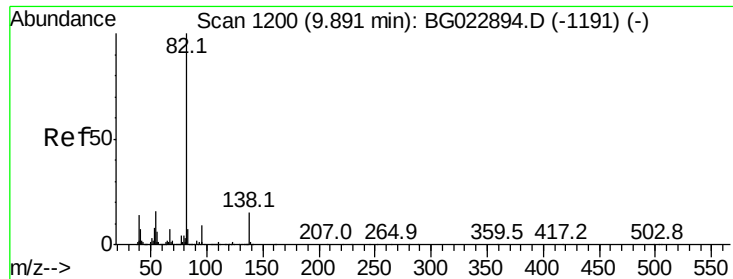
Tot Ion	82	Resp	940118
Ion Ratio	Lower	Upper	
82	100		
128	33.9	24.4	36.6
54	45.5	41.4	62.0



#24
 Nitrobenzene
 Concen: 31.90 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Tgt Ion	77	Resp	407392
Ion Ratio	Lower	Upper	
77	100		
123	35.0	25.0	37.6
65	14.9	13.4	20.0





#25

Isophorone

Concen: 30.32 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

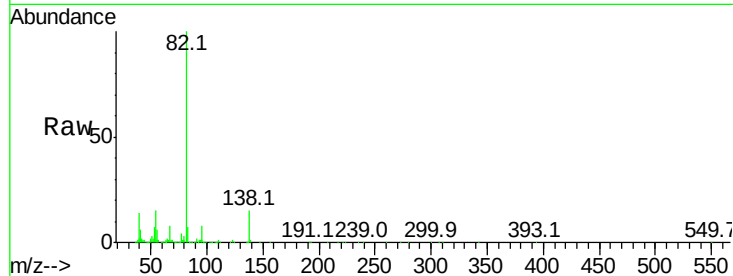
Tot Ion: 82 Resp: 732996

Ion Ratio Lower Upper

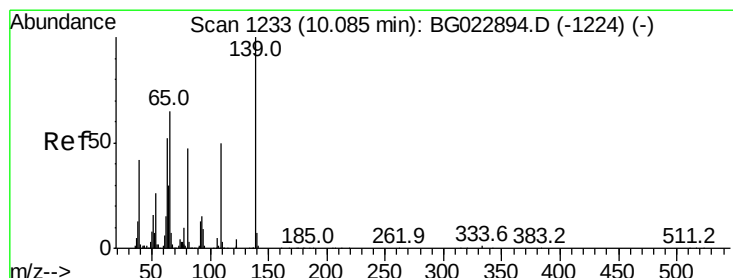
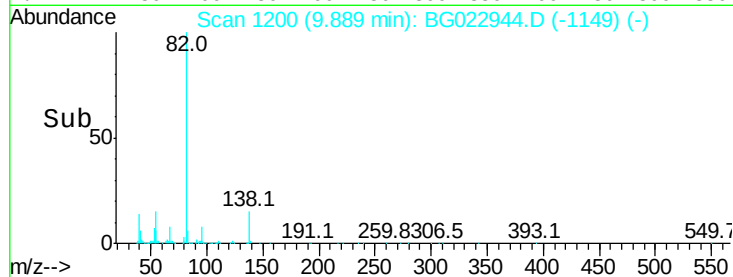
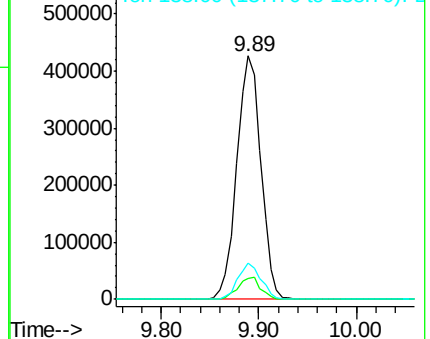
82 100

95 8.4 8.2 12.2

138 14.7 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: 32.86 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

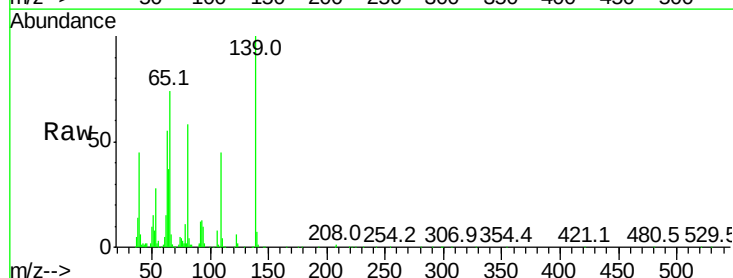
Tgt Ion: 139 Resp: 164651

Ion Ratio Lower Upper

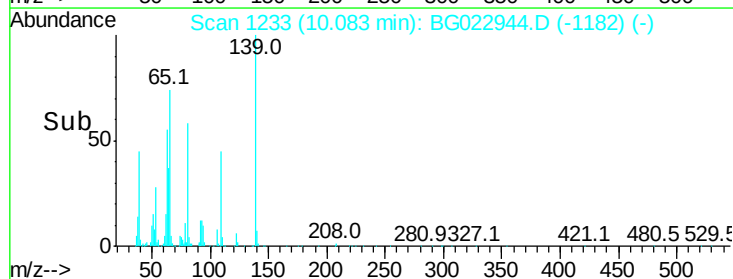
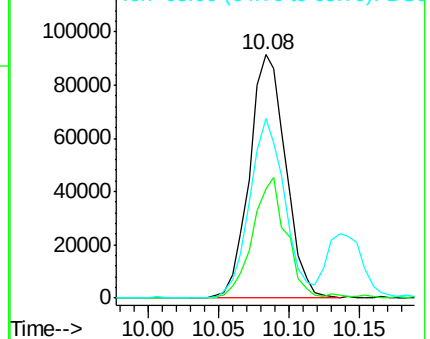
139 100

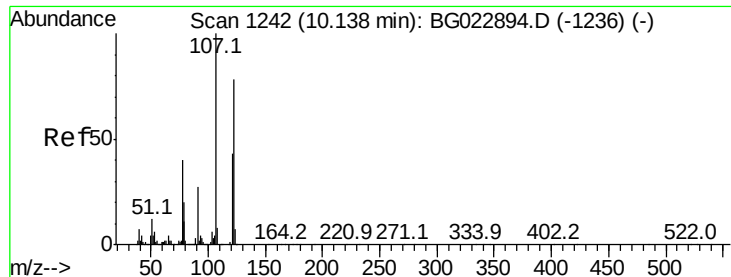
109 45.1 43.5 65.3

65 74.0 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

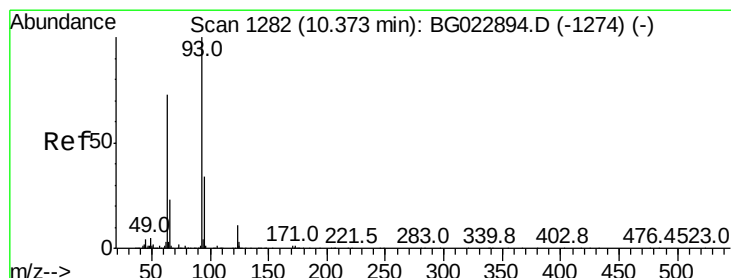
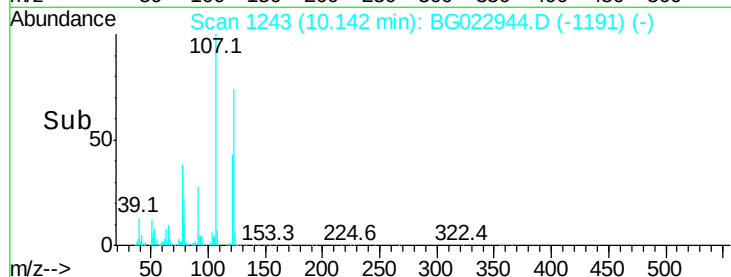
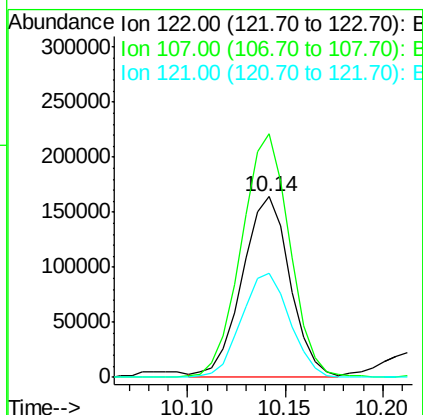
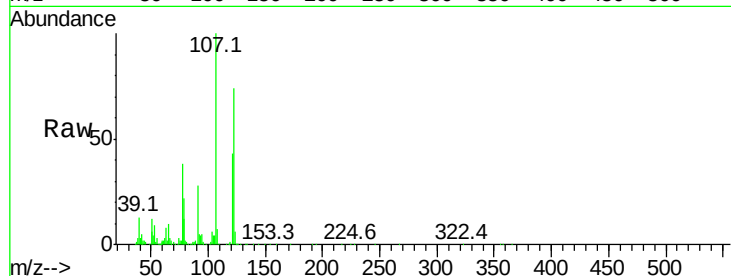




#27
2,4-Dimethylphenol
Concen: 32.21 ng
RT: 10.14 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

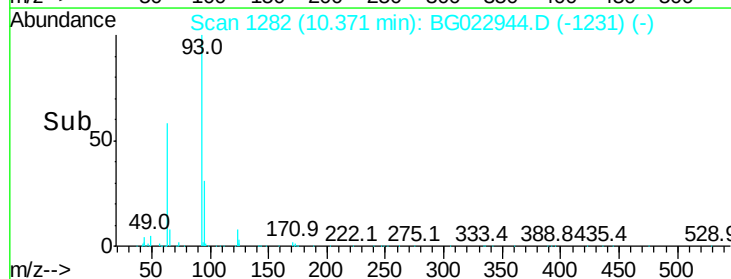
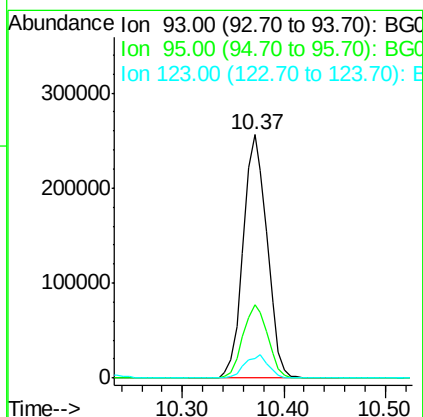
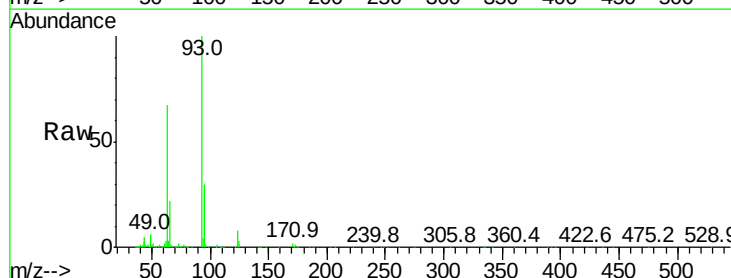
Instrument :
BNA_G
ClientSampled :

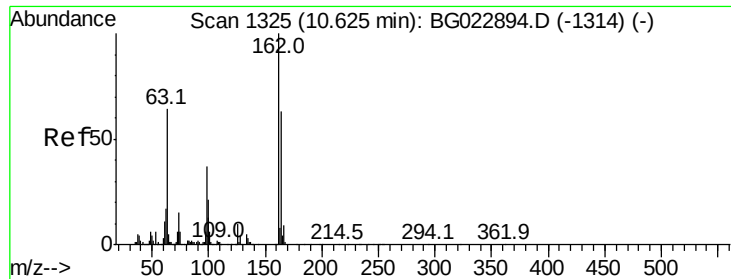
Tot Ion:122 Resp: 278978
Ion Ratio Lower Upper
122 100
107 135.0 117.0 175.4
121 57.4 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 31.00 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion: 93 Resp: 417884
Ion Ratio Lower Upper
93 100
95 30.1 25.4 38.2
123 7.9 8.2 12.2#

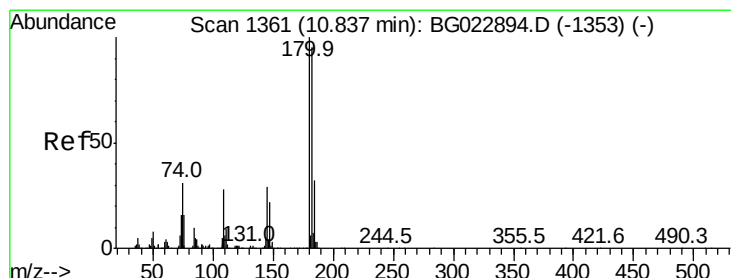
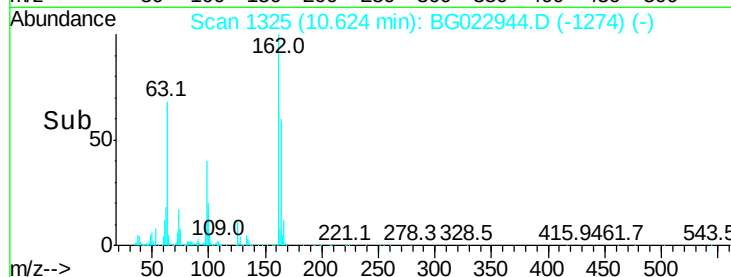
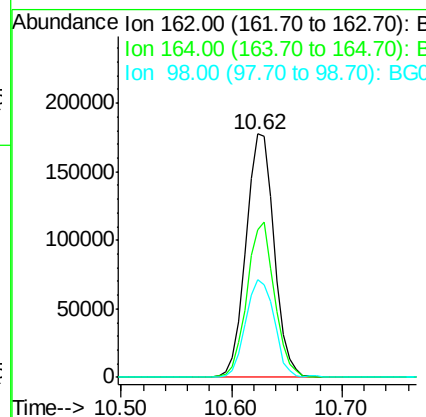
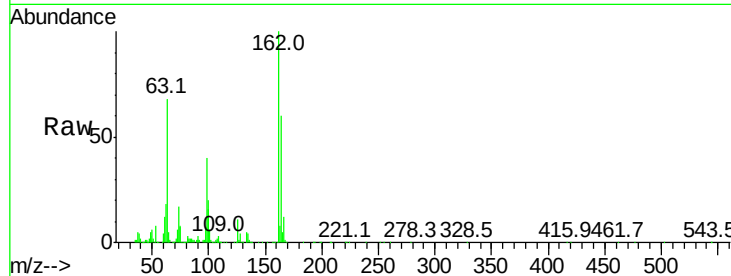




#29
 2,4-Dichlorophenol
 Concen: 34.59 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

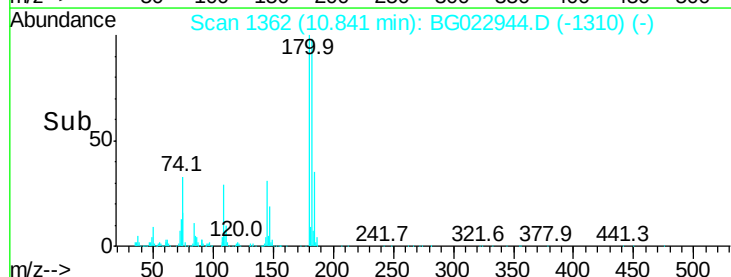
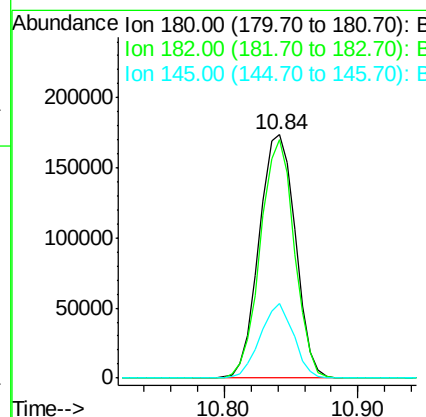
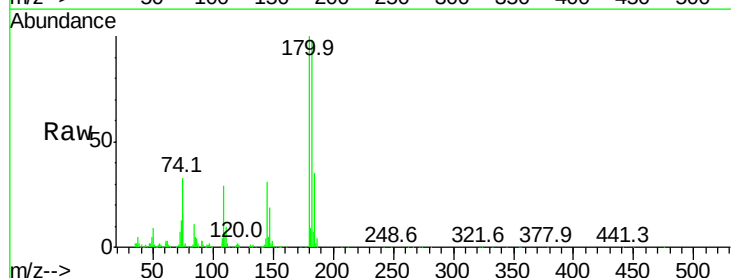
Instrument :
 BNA_G
 ClientSampleId :

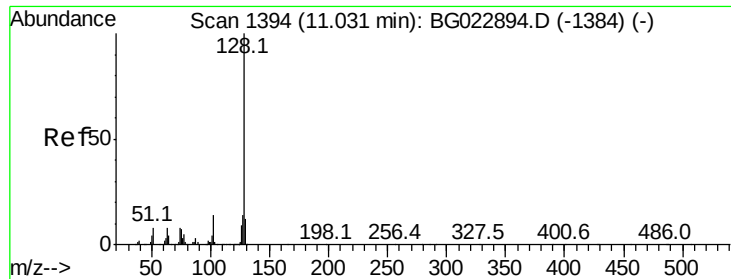
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.4	44.3	84.3
98	40.3	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 30.75 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	73.8	110.8
145	30.5	24.4	36.6

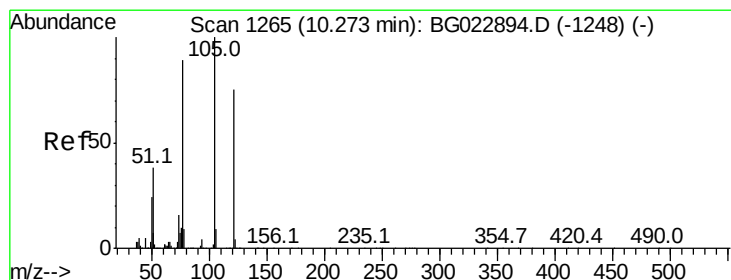
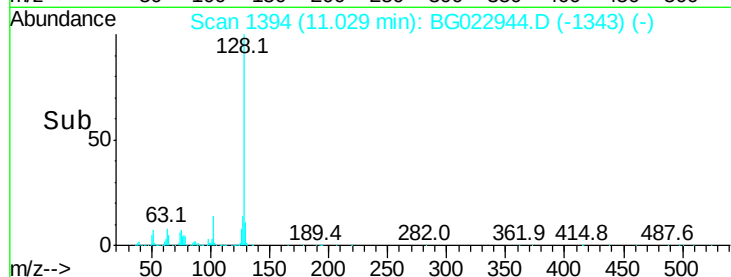
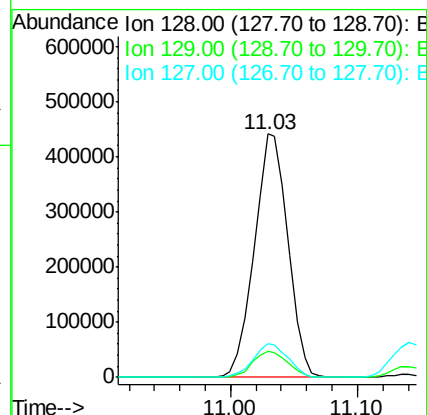
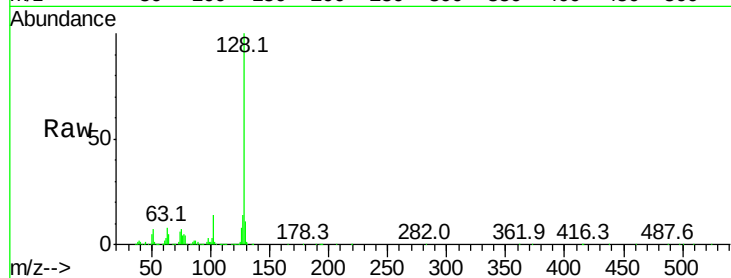




#31
Naphthalene
Concen: 31.03 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

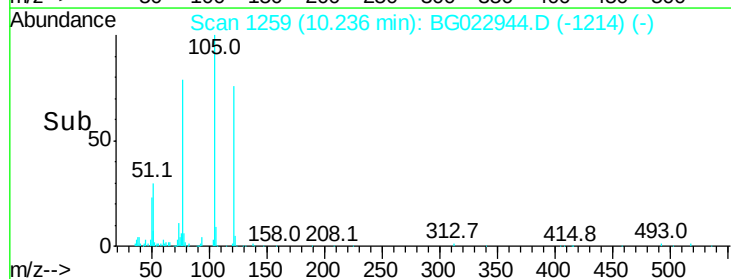
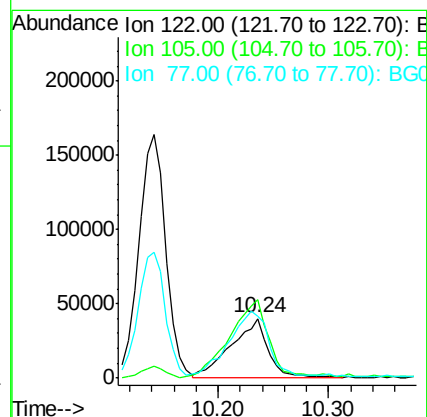
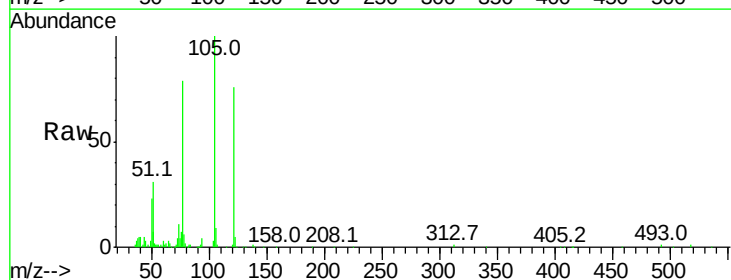
Instrument :
BNA_G
ClientSampleId :

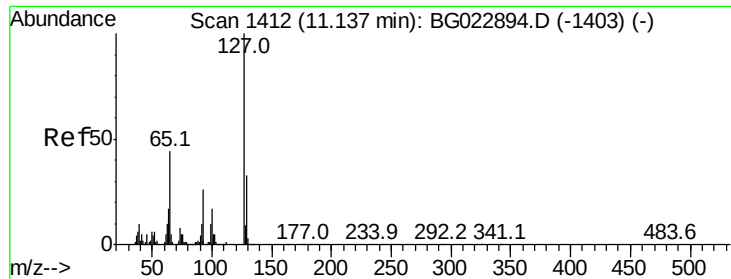
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	13.8	11.3	16.9



#32
Benzoic acid
Concen: 11.56 ng
RT: 10.24 min Scan# 1259
Delta R.T. -0.04 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.2	117.2	157.2
77	104.7	109.2	149.2

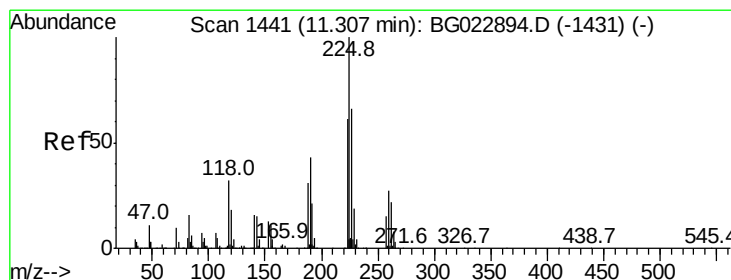
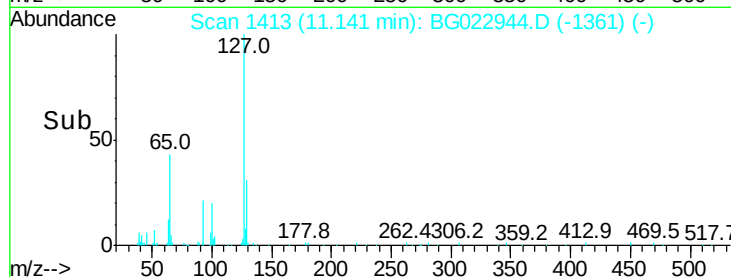
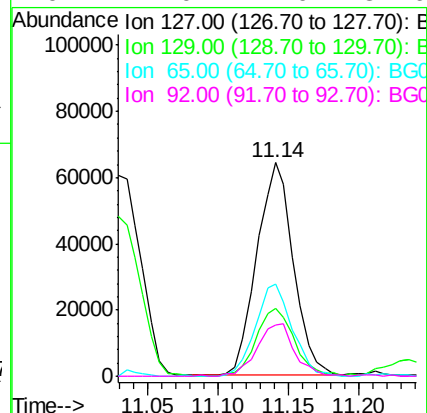
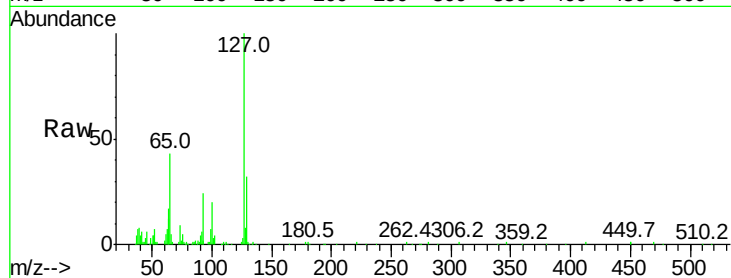




#33
4-Chloroaniline
Concen: 9.12 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

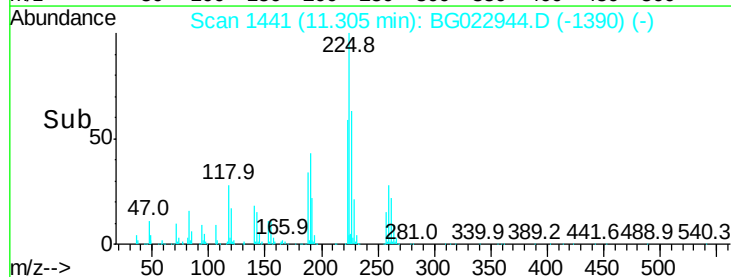
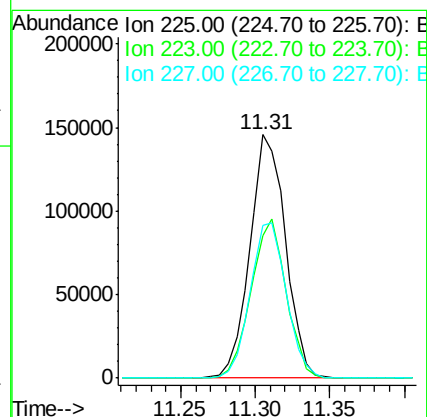
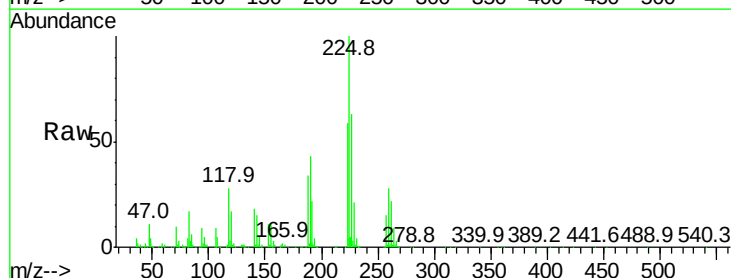
Instrument :
BNA_G
ClientSampled :

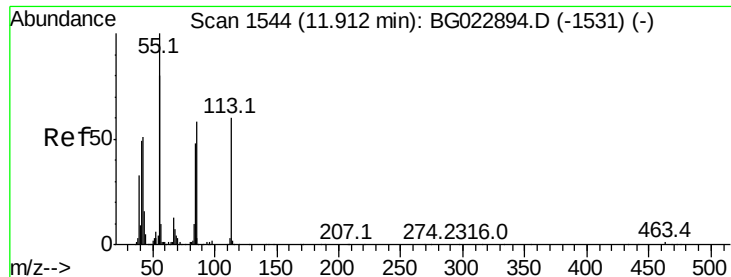
Tot Ion:127	Resp:	116851
Ion	Ratio	Lower Upper
127	100	
129	31.6	27.9 41.9
65	43.2	36.8 55.2
92	24.0	21.0 31.6



#34
Hexachlorobutadiene
Concen: 27.83 ng
RT: 11.31 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion:225	Resp:	238856
Ion	Ratio	Lower Upper
225	100	
223	58.8	49.6 74.4
227	62.6	54.5 81.7





#35

Caprolactam

Concen: 13.83 ng

RT: 11.92 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

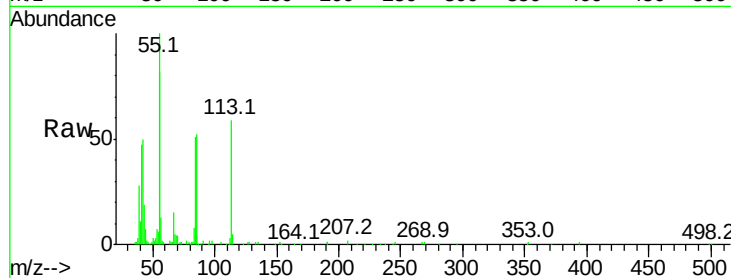
Tot Ion:113 Resp: 52569

Ion Ratio Lower Upper

113 100

55 170.2 154.5 194.5

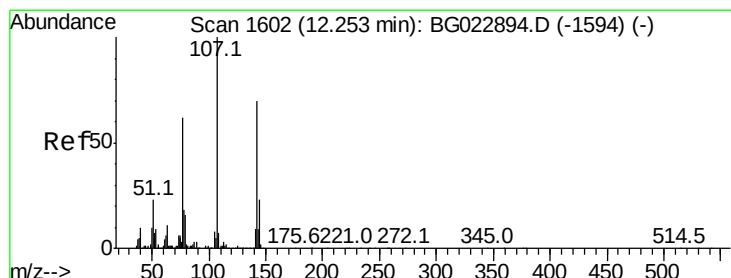
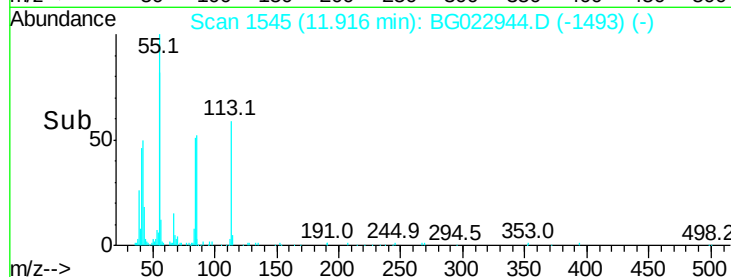
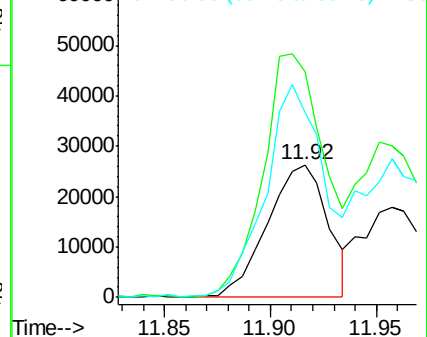
56 138.9 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 32.10 ng

RT: 12.26 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

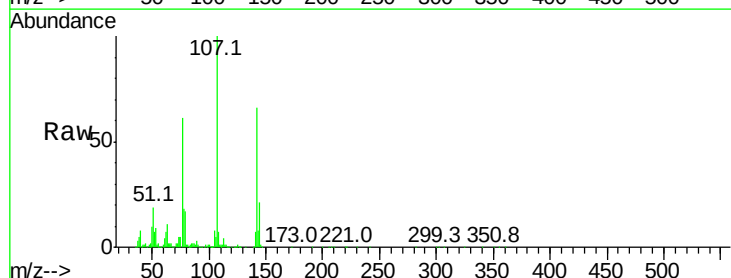
Tgt Ion:107 Resp: 405565

Ion Ratio Lower Upper

107 100

144 20.7 17.0 25.6

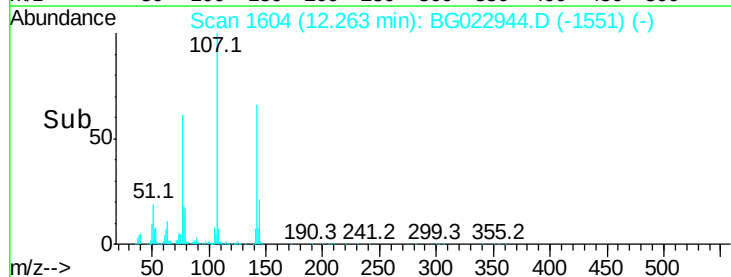
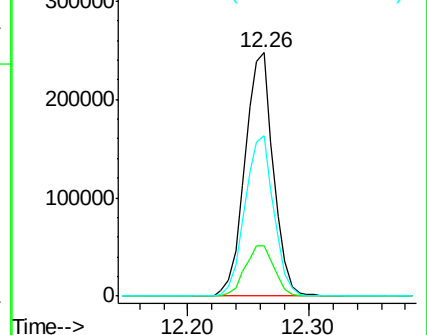
142 65.9 53.0 79.6

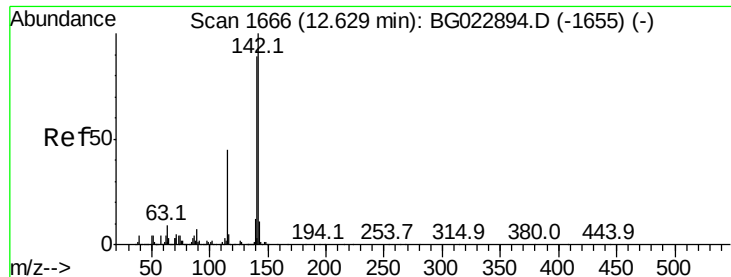


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 31.51 ng

RT: 12.63 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

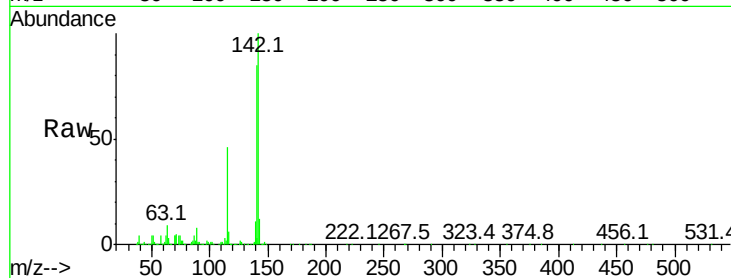
Tot Ion:142 Resp: 652323

Ion Ratio Lower Upper

142 100

141 85.2 70.2 105.2

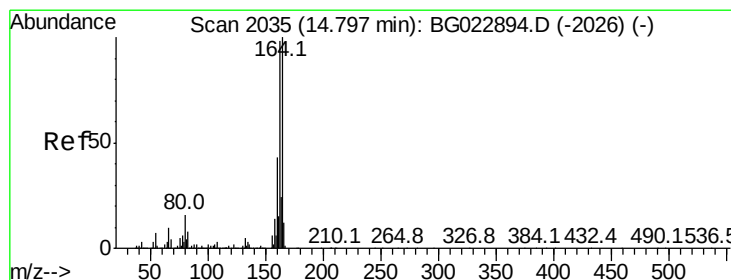
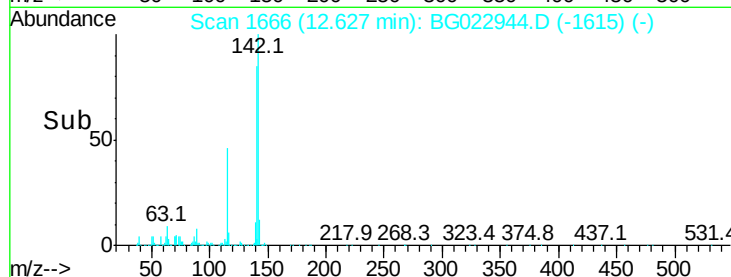
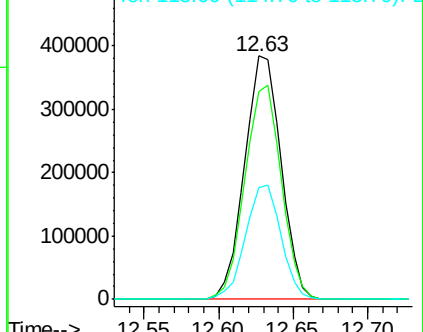
115 46.1 41.7 62.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

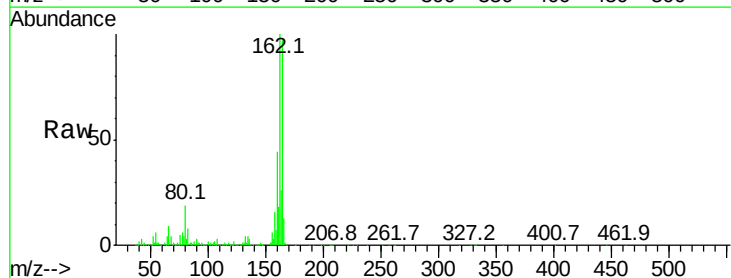
Tgt Ion:164 Resp: 398125

Ion Ratio Lower Upper

164 100

162 103.4 87.7 131.5

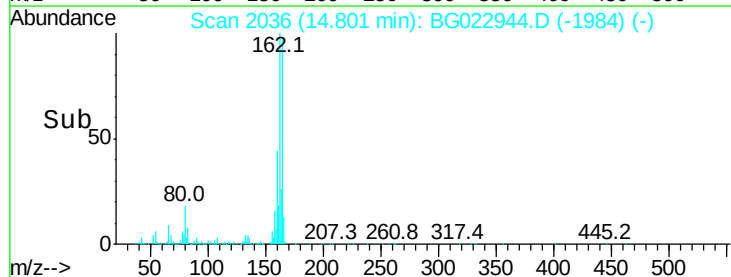
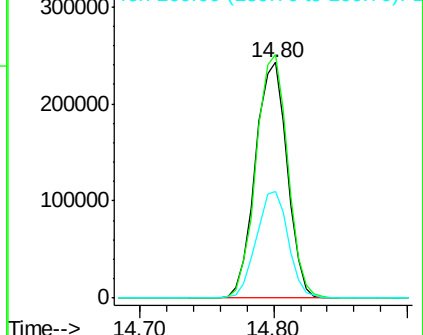
160 45.2 37.2 55.8

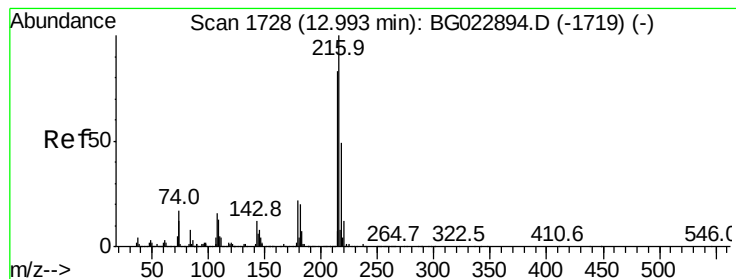


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.81 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 442769

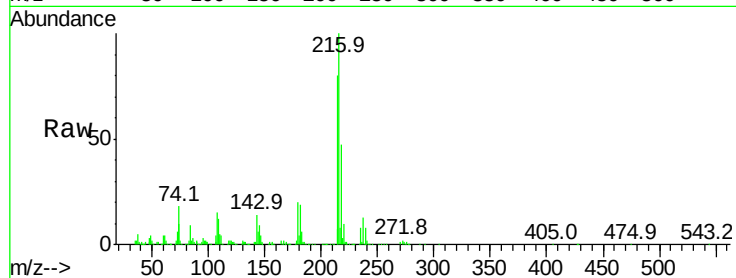
Ion Ratio Lower Upper

216 100

214 78.9 62.9 94.3

179 20.6 17.2 25.8

108 19.6 16.3 24.5

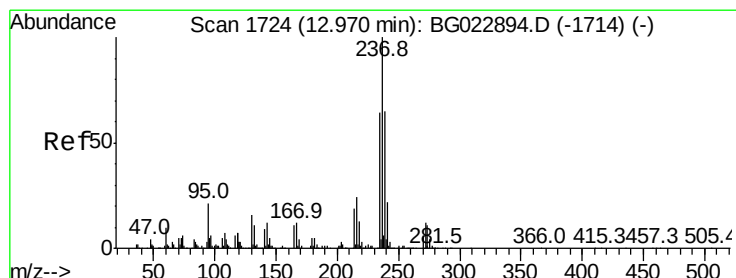
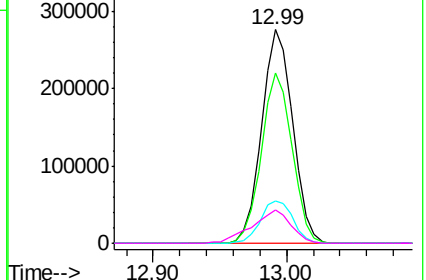
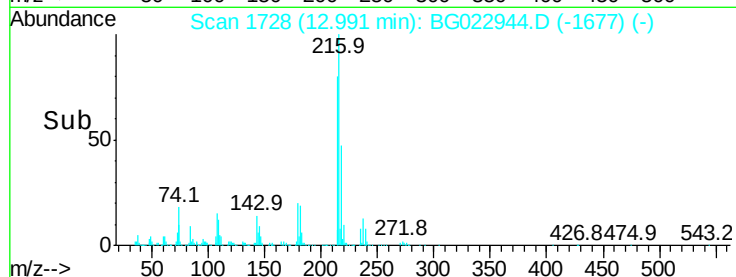


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.07 ng

RT: 12.97 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

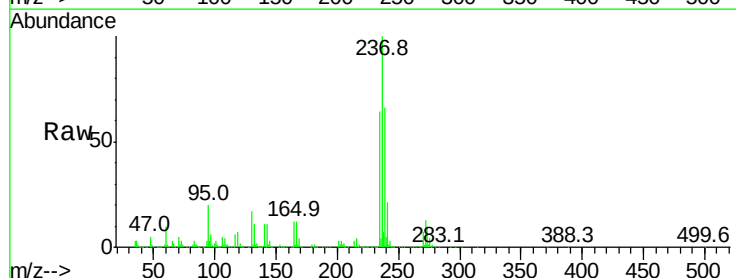
Tgt Ion:237 Resp: 682232

Ion Ratio Lower Upper

237 100

235 63.8 43.1 83.1

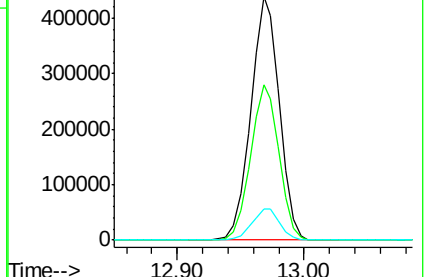
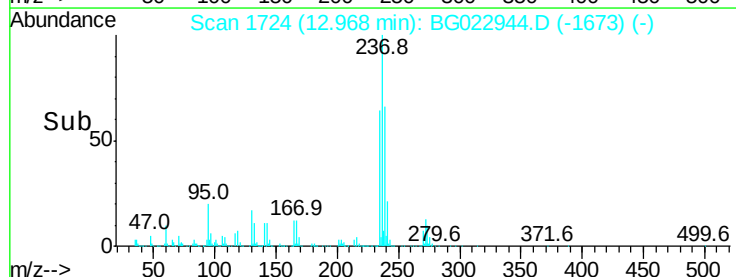
272 12.8 0.0 30.9

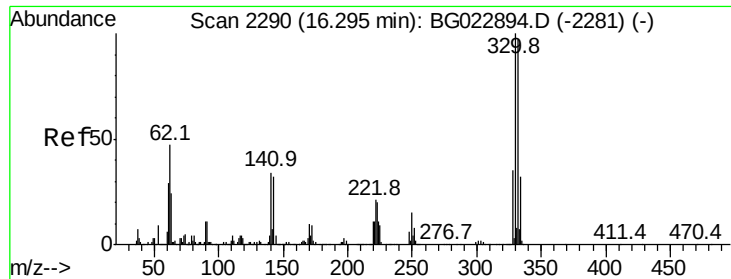


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

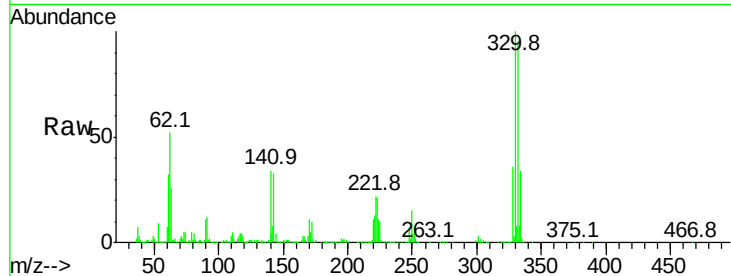




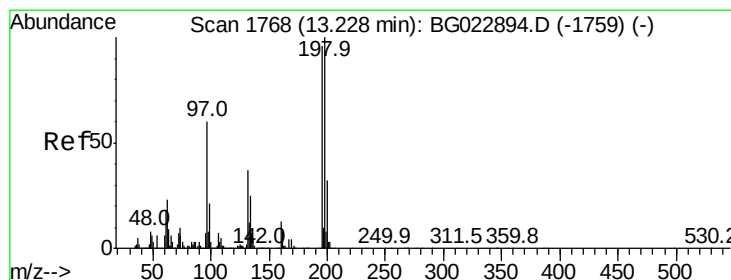
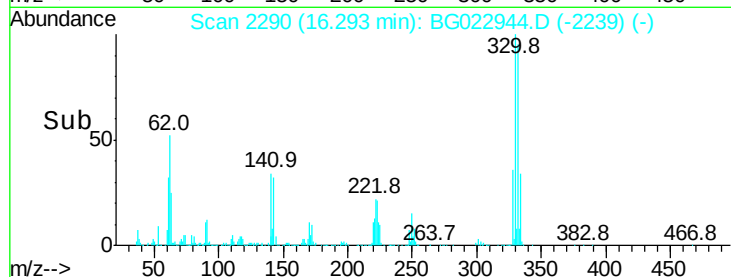
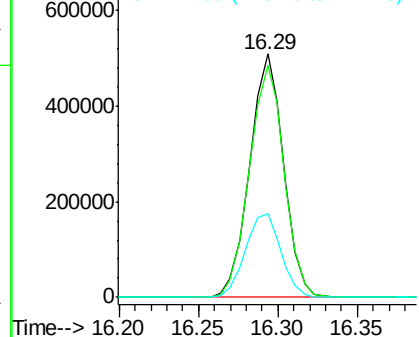
#41
 2,4,6-Tribromophenol
 Concen: 105.32 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 753624
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 36.2 31.7 47.5

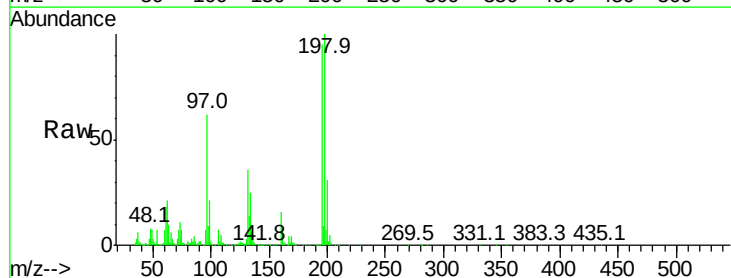


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

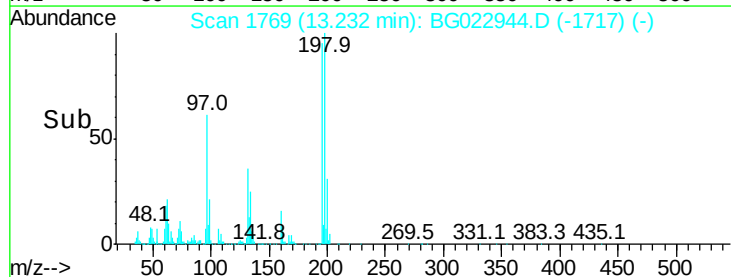
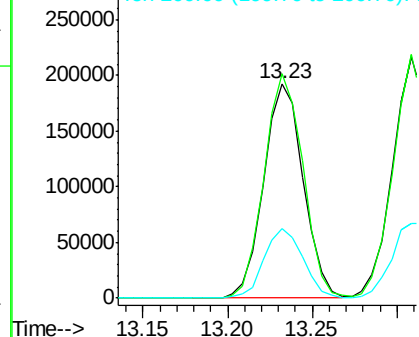


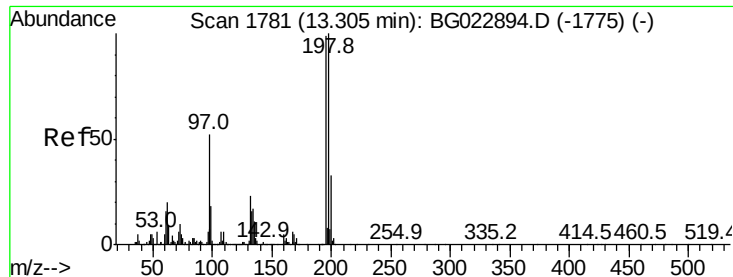
#42
 2,4,6-Trichlorophenol
 Concen: 31.70 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Tgt Ion:196 Resp: 312622
 Ion Ratio Lower Upper
 196 100
 198 104.9 78.2 117.2
 200 32.4 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

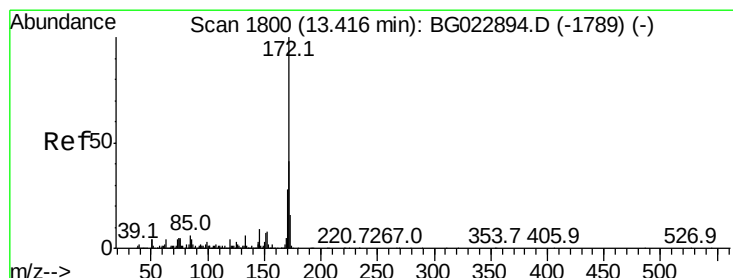
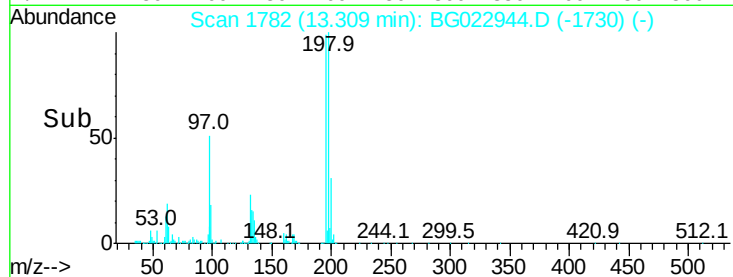
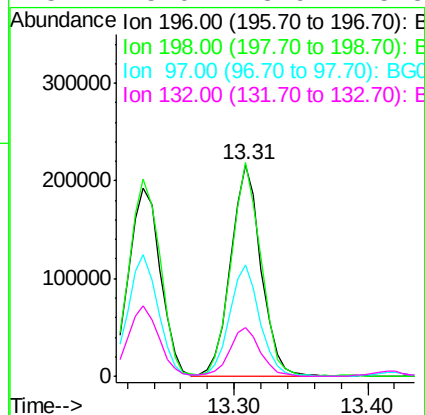
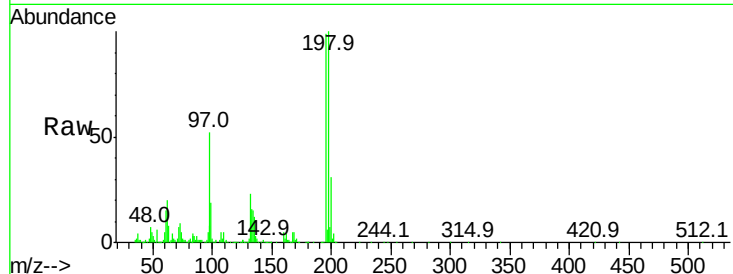




#43
 2,4,5-Trichlorophenol
 Concen: 33.83 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

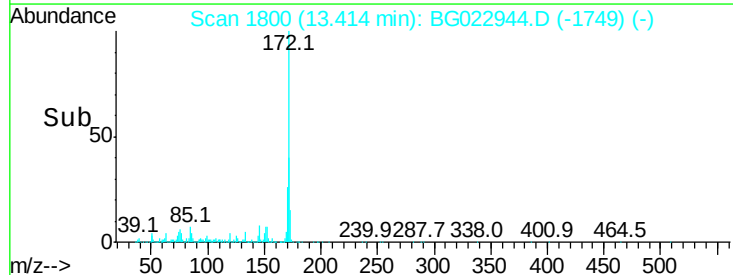
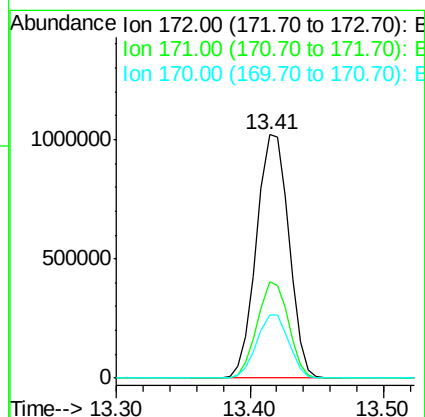
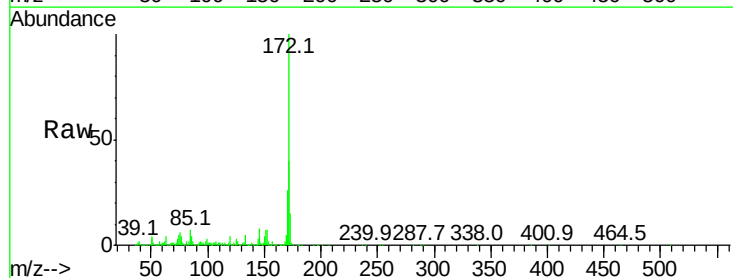
Instrument :
 BNA_G
 ClientSampleId :

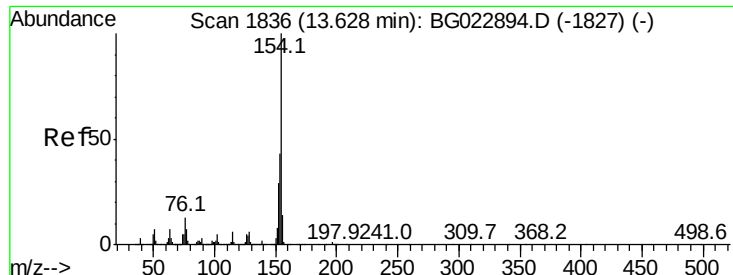
Tot Ion:196 Resp: 342549
 Ion Ratio Lower Upper
 196 100
 198 101.0 85.7 128.5
 97 52.6 45.5 68.3
 132 23.0 18.9 28.3



#44
 2-Fluorobiphenyl
 Concen: 67.94 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Tgt Ion:172 Resp: 1717134
 Ion Ratio Lower Upper
 172 100
 171 39.7 31.6 47.4
 170 25.8 21.3 31.9





#45

1,1'-Biphenyl

Concen: 30.74 ng

RT: 13.63 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

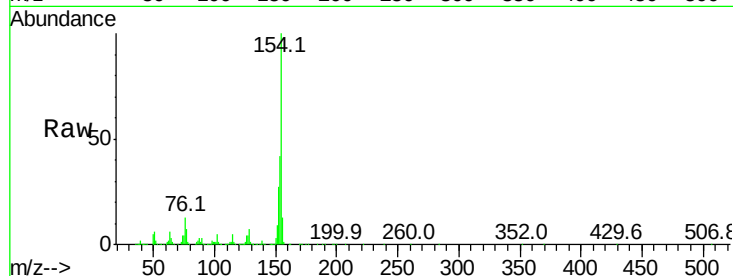
Tot Ion:154 Resp: 918186

Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.2	60.2
76	12.9	0.0	32.9

154 100

153 41.8 20.2 60.2

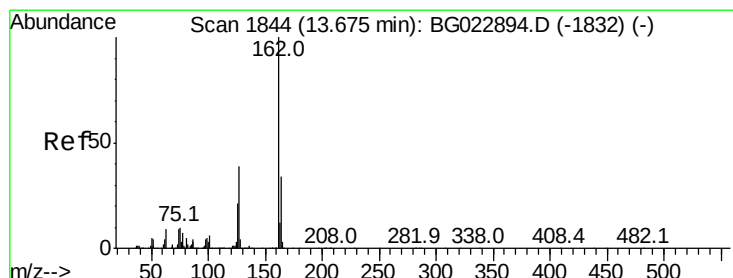
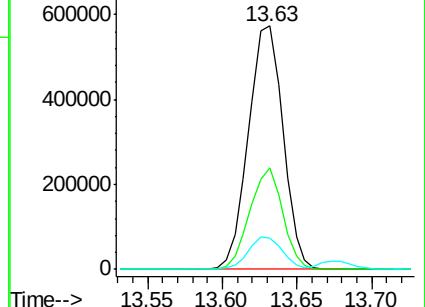
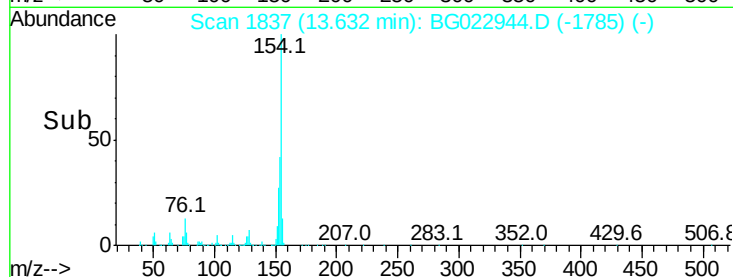
76 12.9 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 30.95 ng

RT: 13.68 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

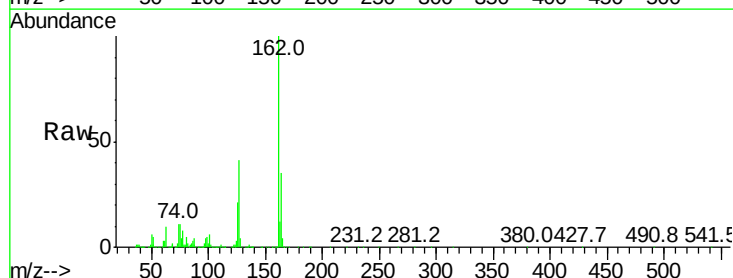
Tgt Ion:162 Resp: 749856

Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.4	48.6
164	35.4	25.2	37.8

162 100

127 41.3 32.4 48.6

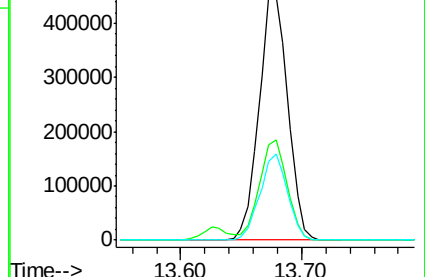
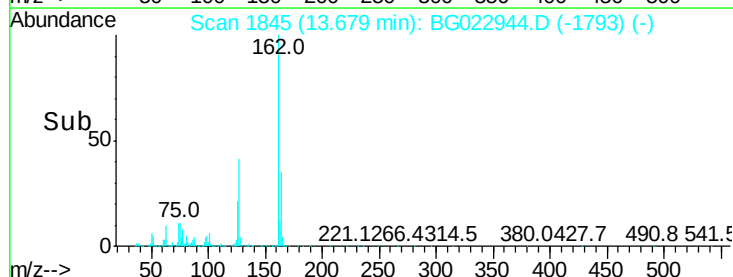
164 35.4 25.2 37.8

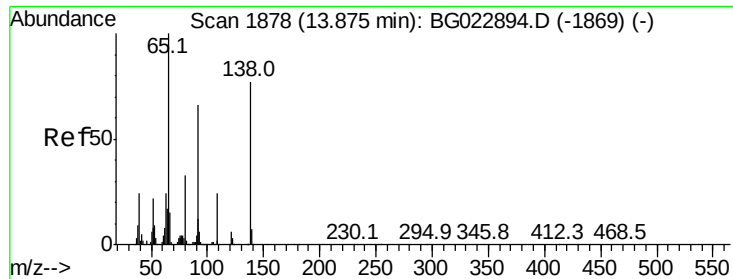


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 30.27 ng

RT: 13.88 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampled :

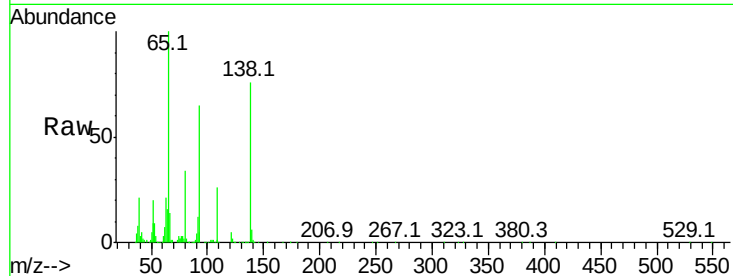
Tot Ion: 65 Resp: 312994

Ion Ratio Lower Upper

65 100

92 65.1 49.4 74.0

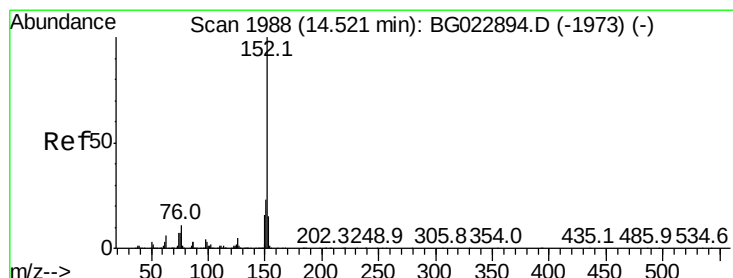
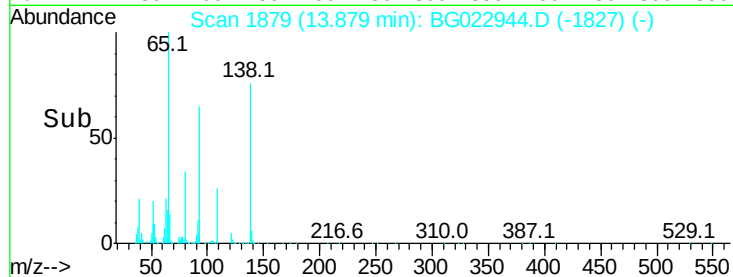
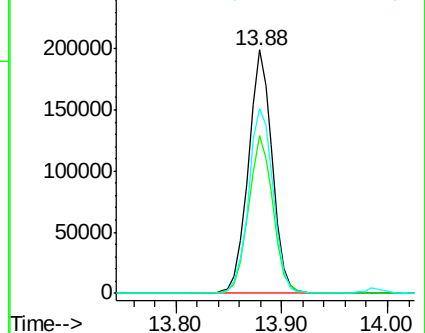
138 75.7 58.0 87.0



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: 31.53 ng

RT: 14.52 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

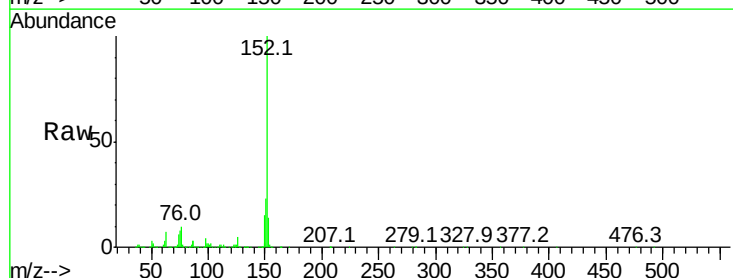
Tgt Ion: 152 Resp: 1146042

Ion Ratio Lower Upper

152 100

151 22.9 17.6 26.4

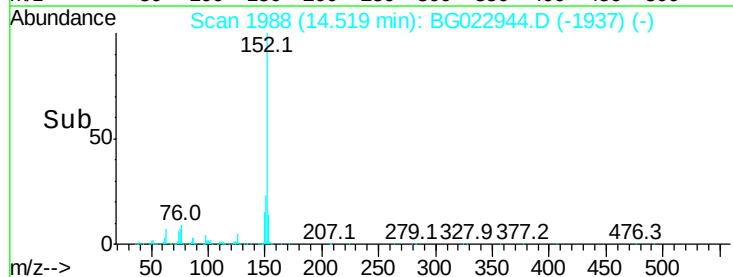
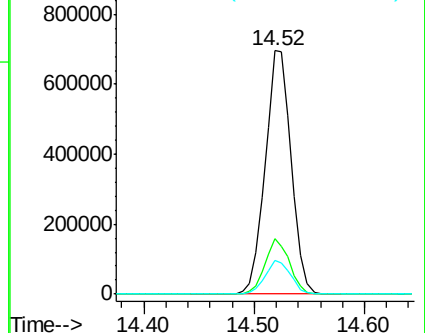
153 13.7 11.4 17.2

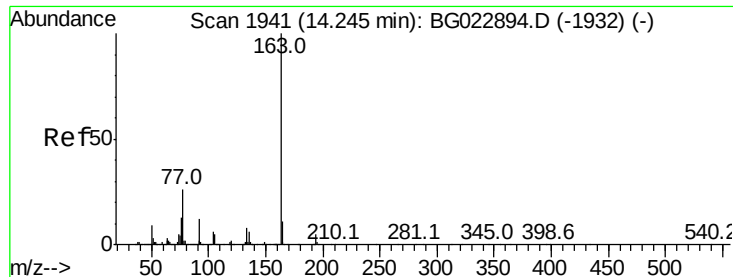


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 43.53 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

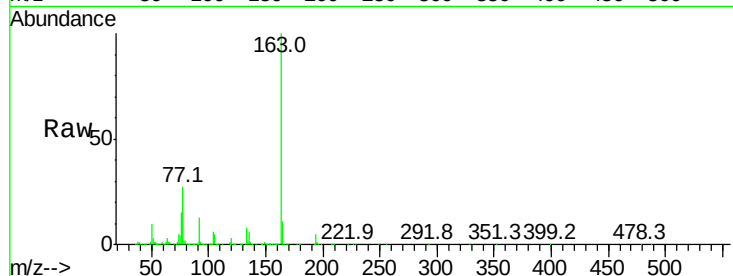
Tot Ion:163 Resp: 1415515

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

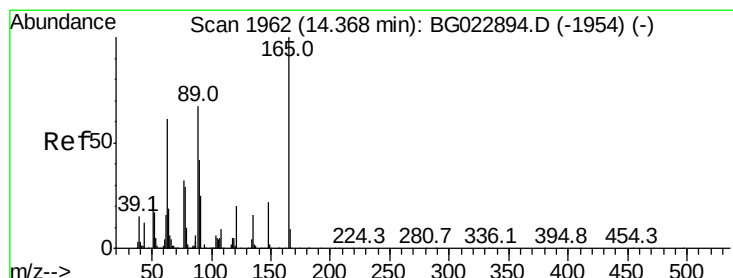
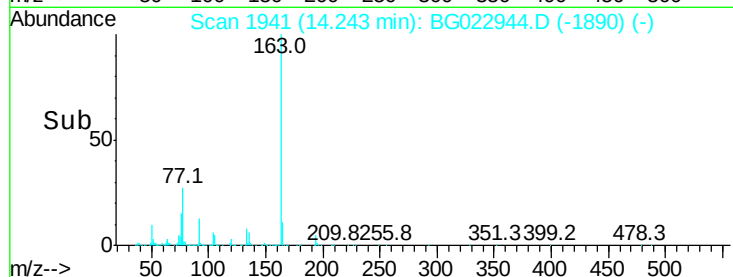
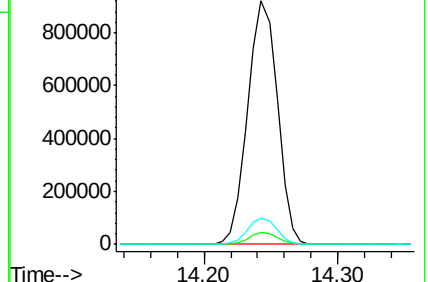
164 10.8 8.1 12.1



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: 32.07 ng

RT: 14.37 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

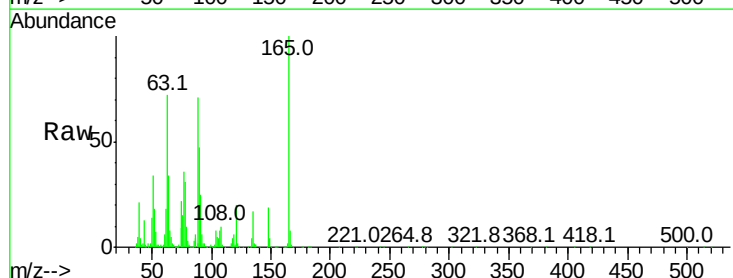
Tgt Ion:165 Resp: 234375

Ion Ratio Lower Upper

165 100

63 72.3 64.3 96.5

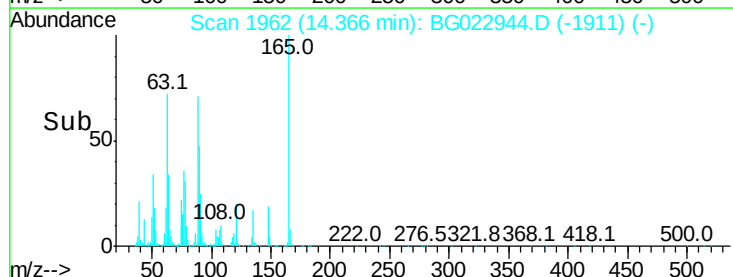
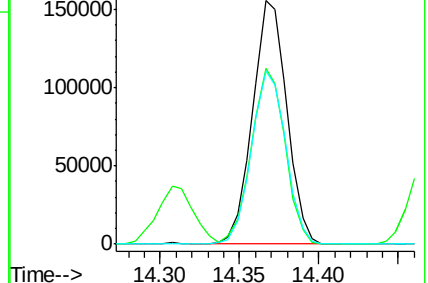
89 71.1 64.3 96.5

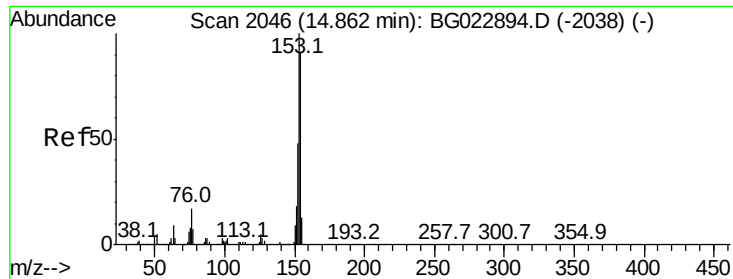


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 31.58 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

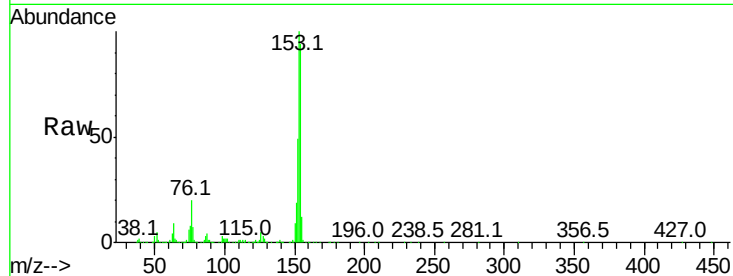
Tot Ion:154 Resp: 750106

Ion	Ratio	Lower	Upper
154	100		
153	106.4	87.5	131.3
152	52.2	42.7	64.1

154 100

153 106.4 87.5 131.3

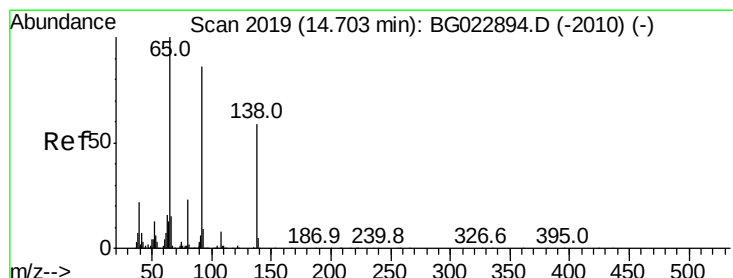
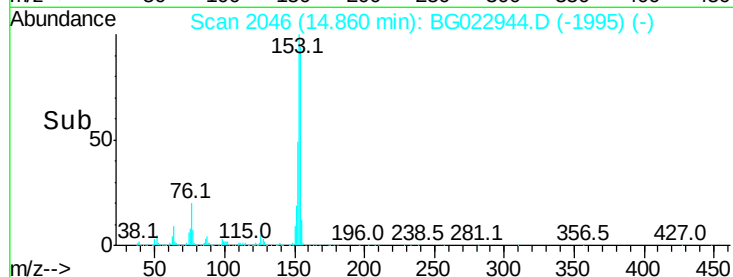
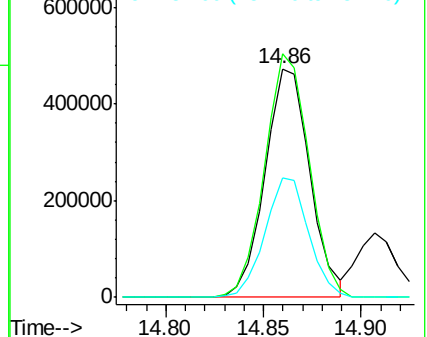
152 52.2 42.7 64.1



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: 18.89 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

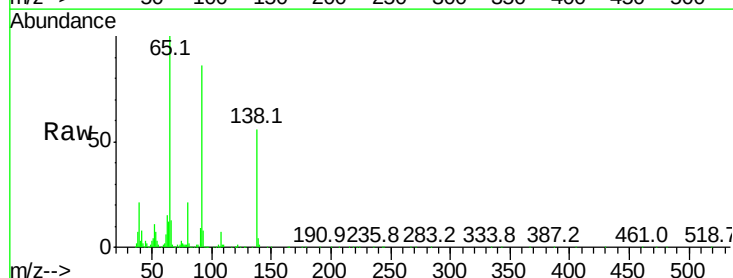
Tgt Ion:138 Resp: 137661

Ion	Ratio	Lower	Upper
138	100		
108	13.4	11.7	17.5
92	155.0	129.7	194.5

138 100

108 13.4 11.7 17.5

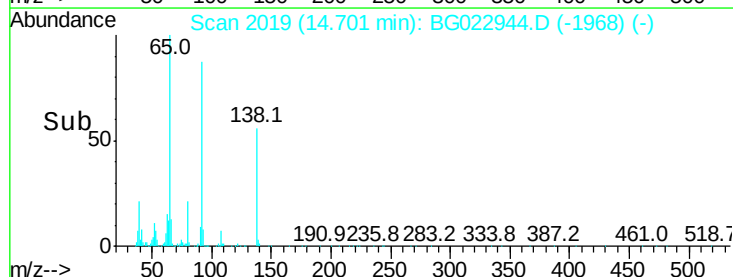
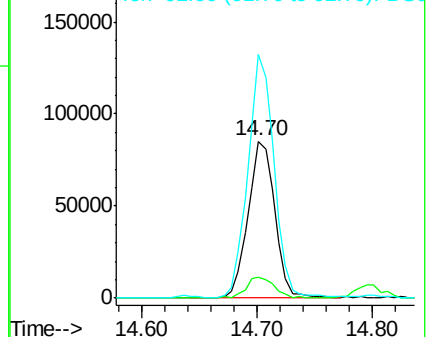
92 155.0 129.7 194.5

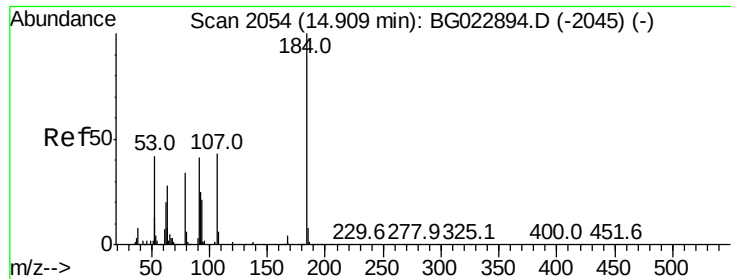


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

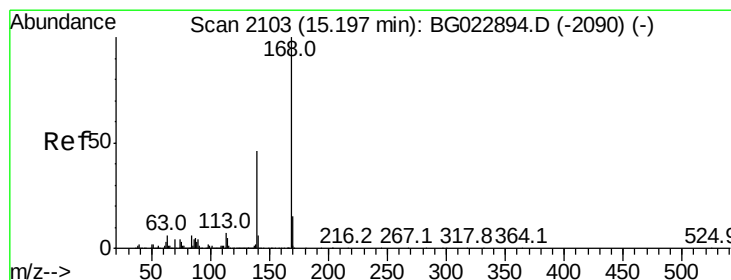
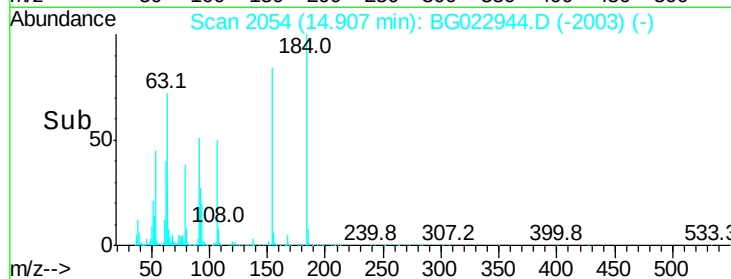
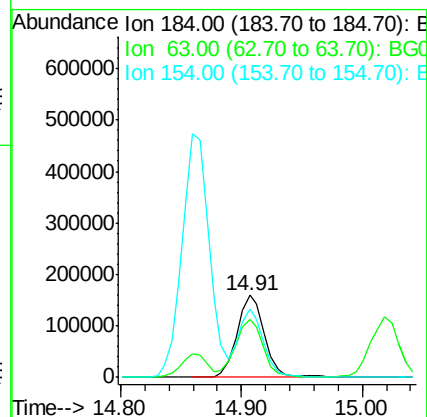
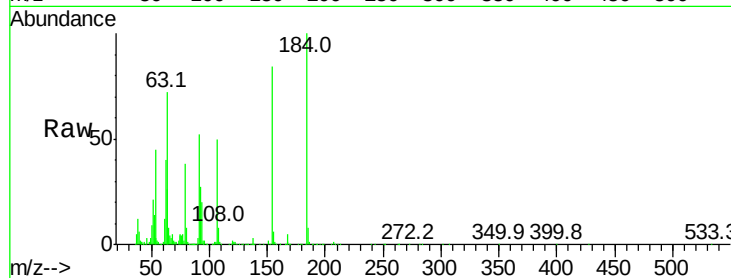




#53
2,4-Dinitrophenol
Concen: 50.03 ng
RT: 14.91 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

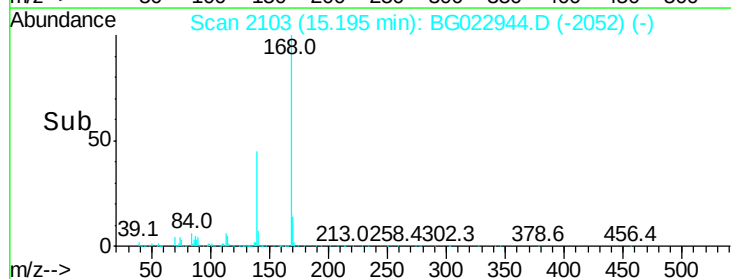
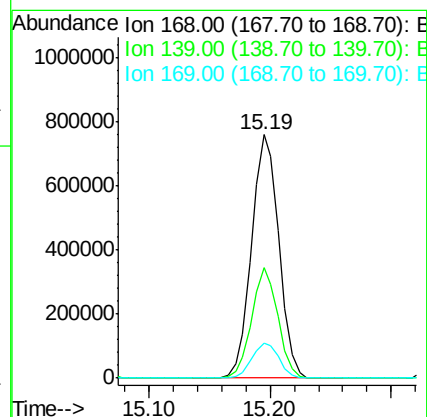
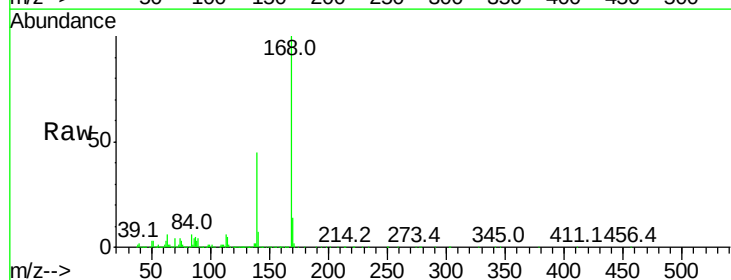
Instrument :
BNA_G
ClientSampleId :

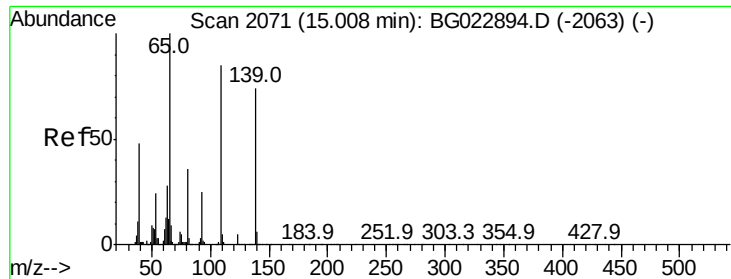
Tot Ion:184 Resp: 250904
Ion Ratio Lower Upper
184 100
63 71.7 59.6 89.4
154 83.8 67.4 101.0



#54
Dibenzofuran
Concen: 33.58 ng
RT: 15.19 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion:168 Resp: 1193982
Ion Ratio Lower Upper
168 100
139 45.2 36.4 54.6
169 14.2 11.9 17.9

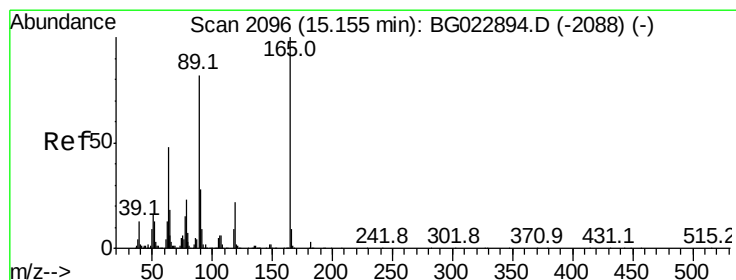
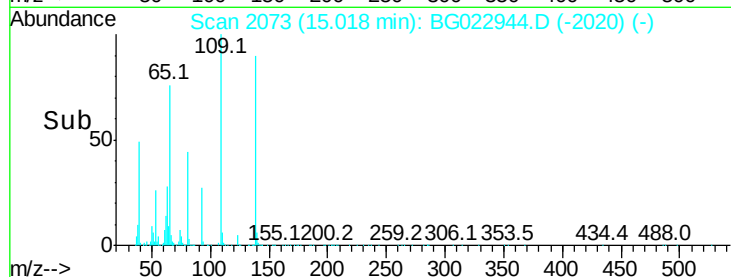
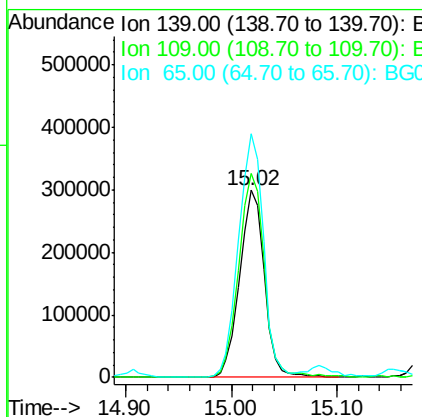
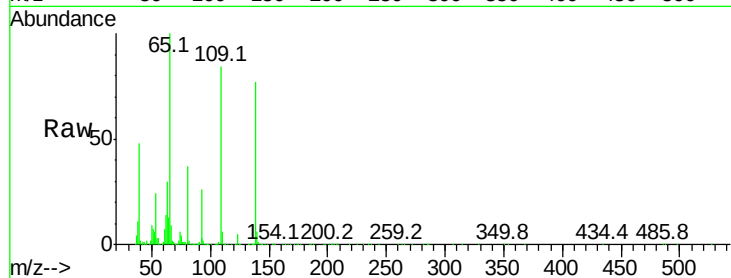




#55
4-Nitrophenol
Concen: 79.18 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

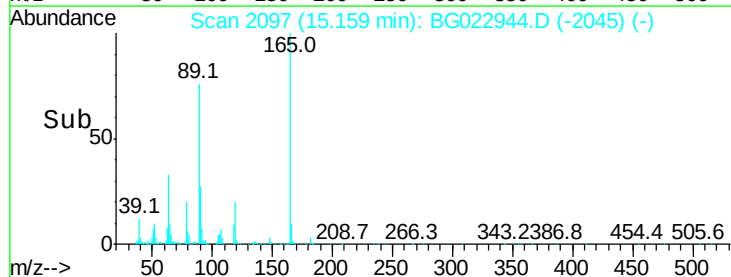
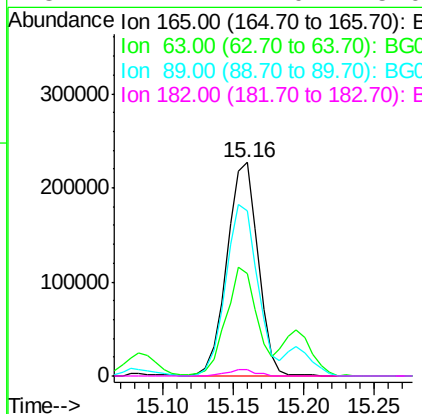
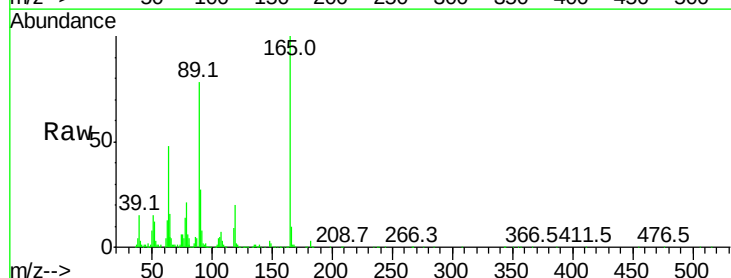
Instrument :
BNA_G
ClientSampleId :

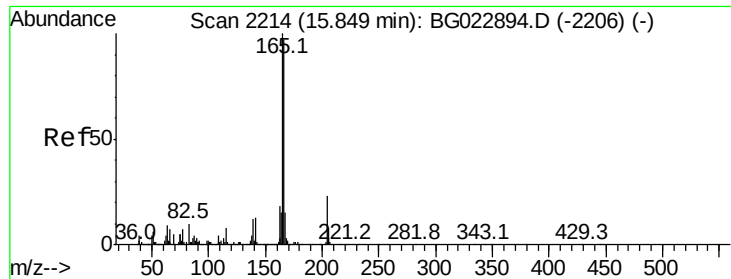
Tot Ion:139 Resp: 483714
Ion Ratio Lower Upper
139 100
109 109.2 103.0 143.0
65 130.4 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 32.61 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion:165 Resp: 347441
Ion Ratio Lower Upper
165 100
63 48.2 45.8 68.6
89 77.6 68.6 102.8
182 2.7 2.0 3.0





#57

Fluorene

Concen: 31.90 ng

RT: 15.85 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

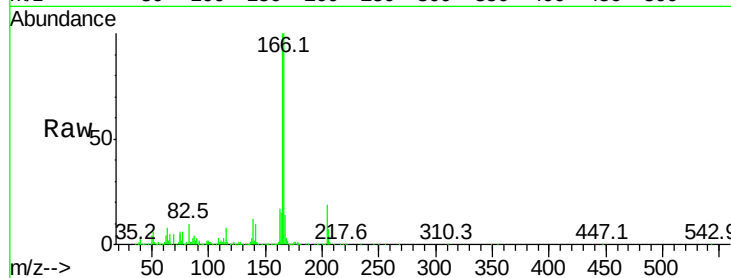
Tot Ion:166 Resp: 976171

Ion Ratio Lower Upper

166 100

165 100.4 81.0 121.6

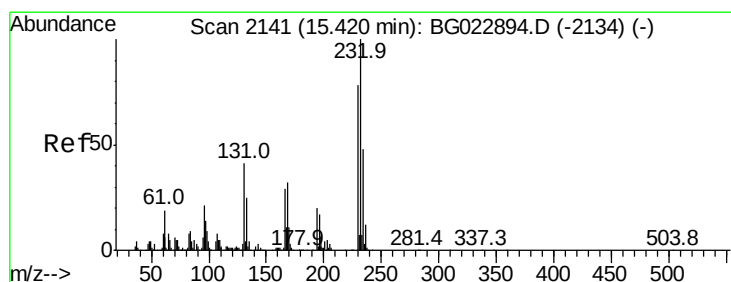
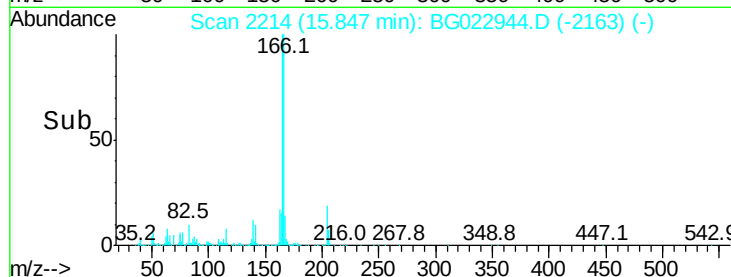
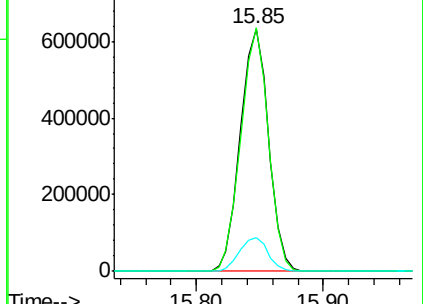
167 14.0 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.91 ng

RT: 15.42 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Tgt Ion:232 Resp: 343573

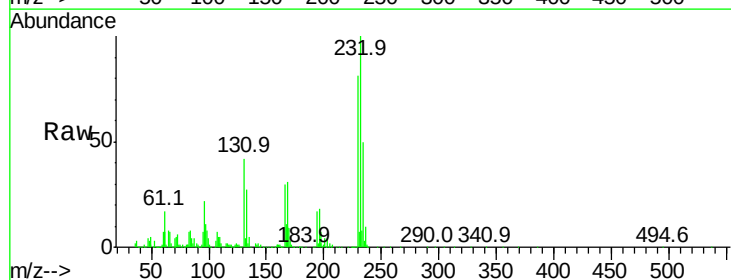
Ion Ratio Lower Upper

232 100

131 39.1 32.7 49.1

130 1.1 2.6 3.8#

166 27.5 23.0 34.6

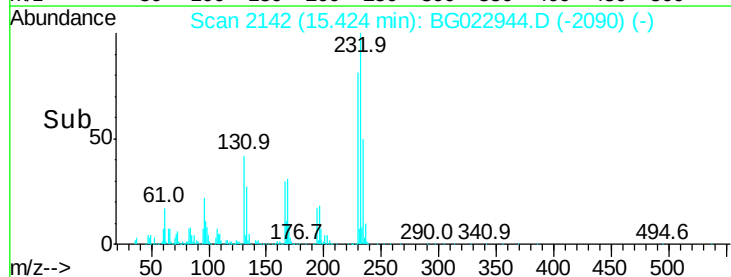
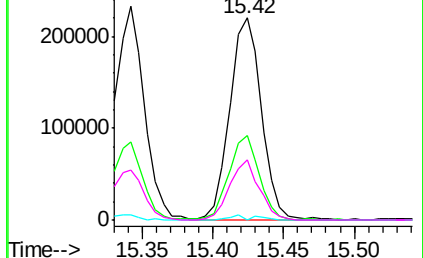


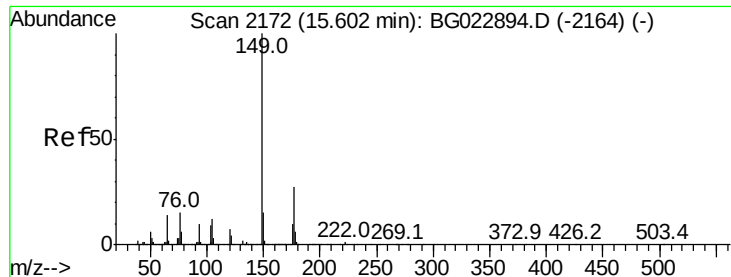
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 32.03 ng

RT: 15.60 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

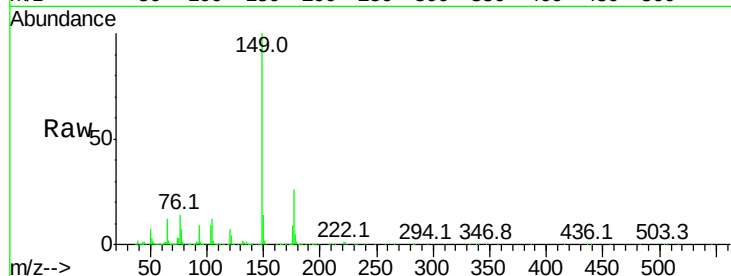
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1059809

Ion	Ratio	Lower	Upper
149	100		
177	25.7	19.2	28.8
150	13.9	10.6	16.0

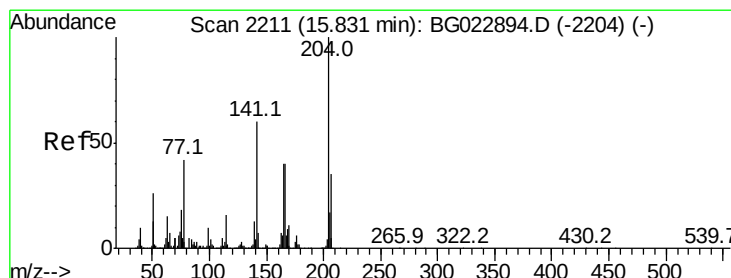
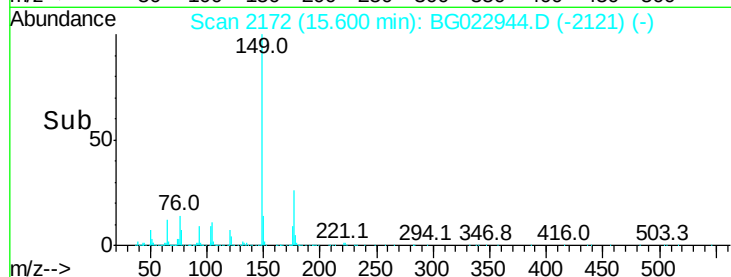
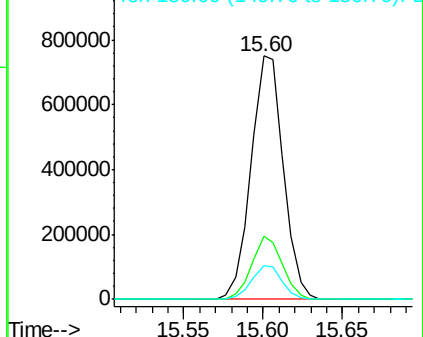


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 30.59 ng

RT: 15.84 min Scan# 2212

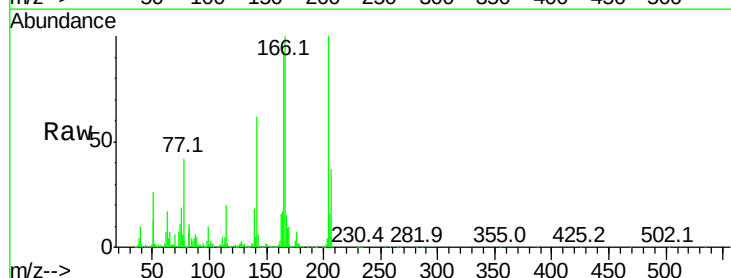
Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Tgt Ion:204 Resp: 570073

Ion	Ratio	Lower	Upper
204	100		
206	36.7	28.5	42.7
141	61.7	51.4	77.0

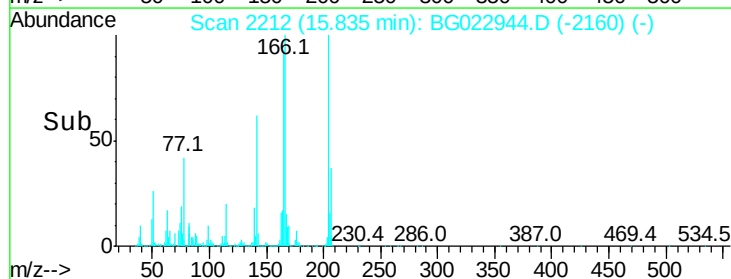
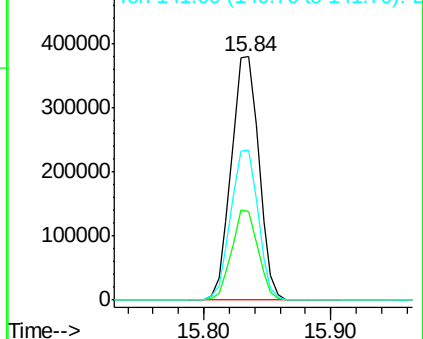


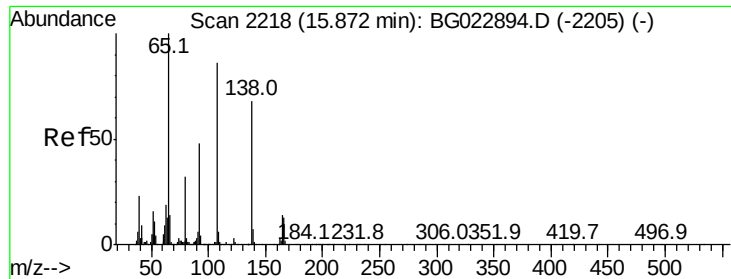
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

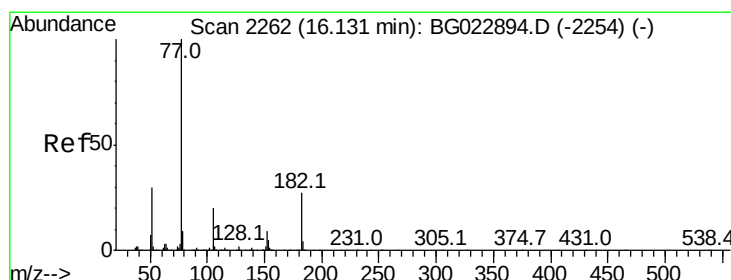
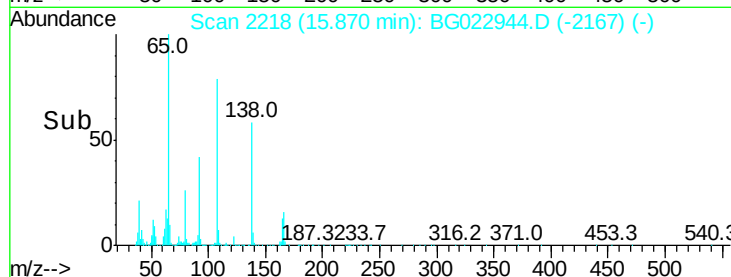
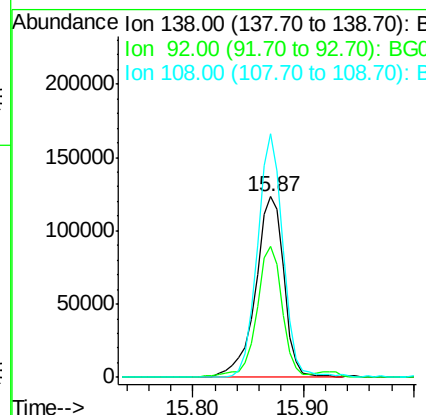
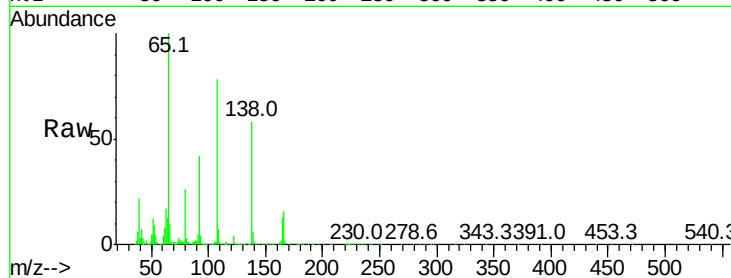




#61
4-Nitroaniline
Concen: 28.17 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

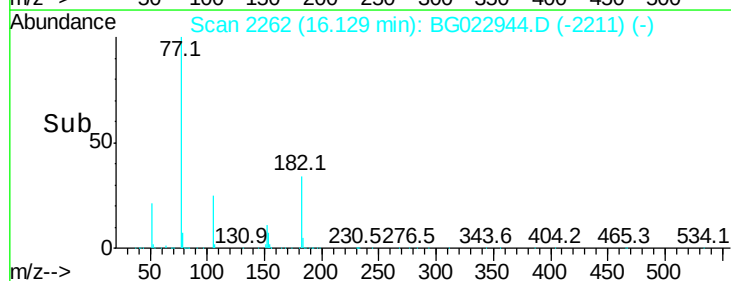
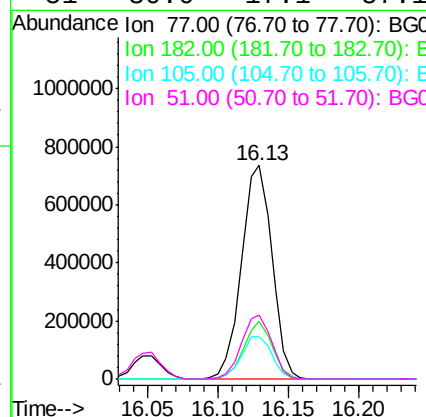
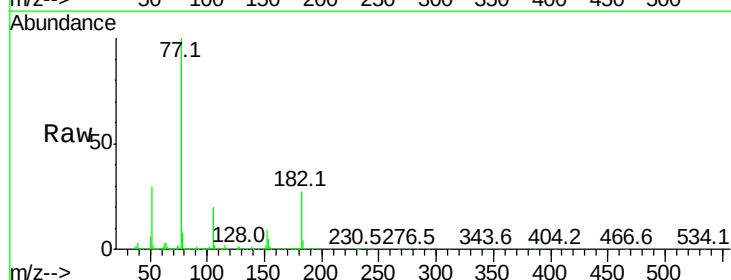
Instrument :
BNA_G
ClientSampleId :

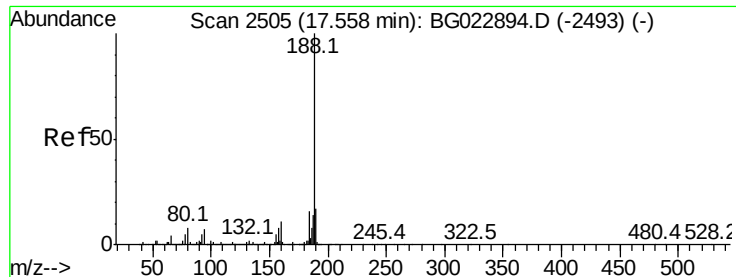
Tot Ion:138 Resp: 222132
Ion Ratio Lower Upper
138 100
92 72.4 54.1 94.1
108 134.8 133.9 173.9



#62
Azobenzene
Concen: 35.14 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion: 77 Resp: 1112255
Ion Ratio Lower Upper
77 100
182 26.7 3.5 43.5
105 20.0 0.0 38.5
51 30.0 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

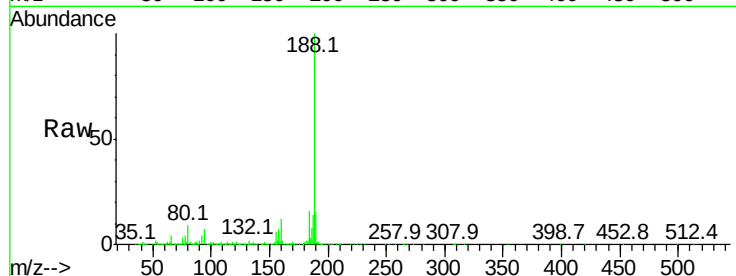
Tot Ion:188 Resp: 968267

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

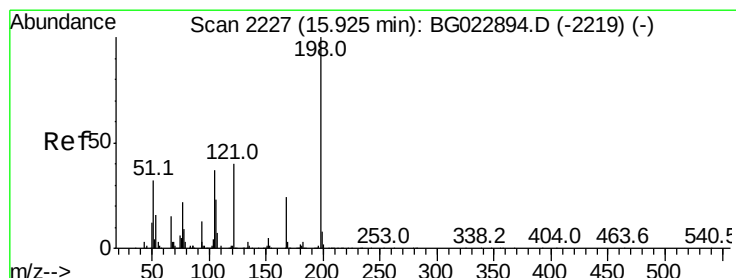
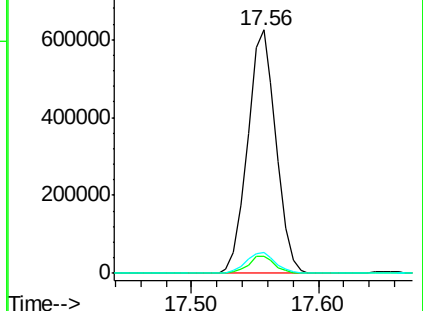
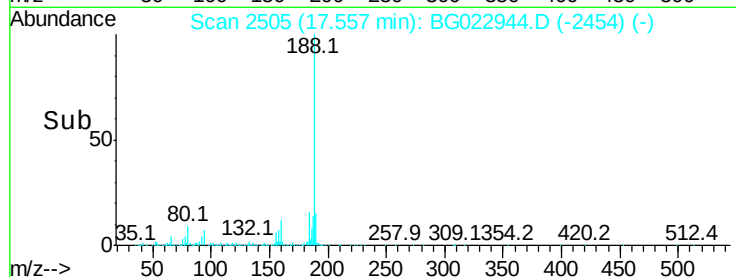
80 8.5 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 28.78 ng

RT: 15.92 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

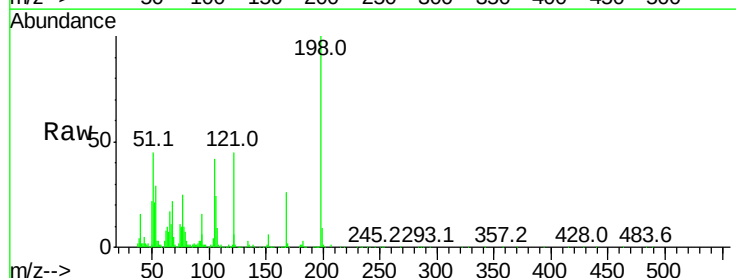
Tgt Ion:198 Resp: 207077

Ion Ratio Lower Upper

198 100

51 45.0 26.0 66.0

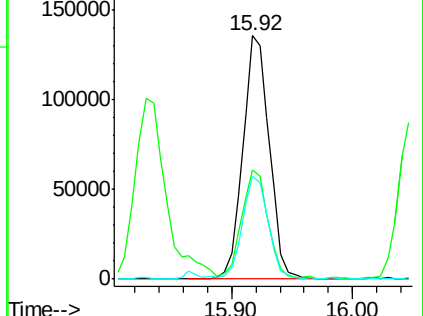
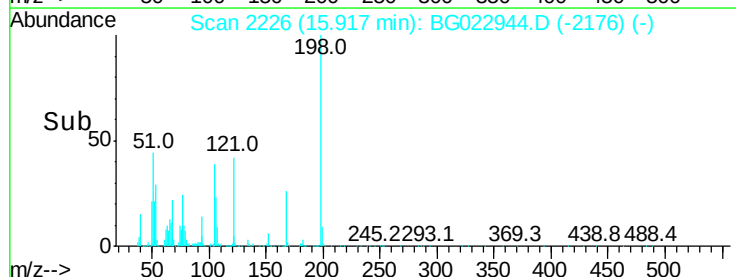
105 42.4 20.1 60.1

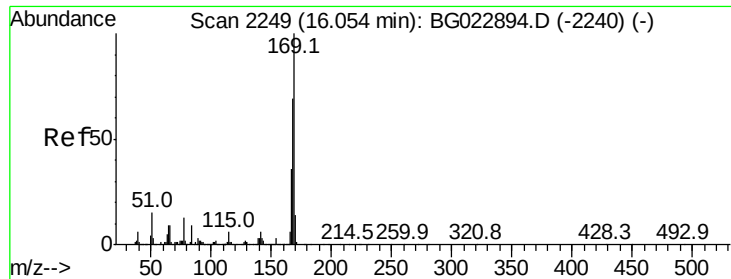


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

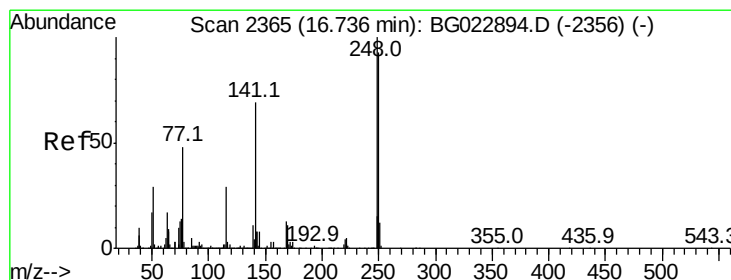
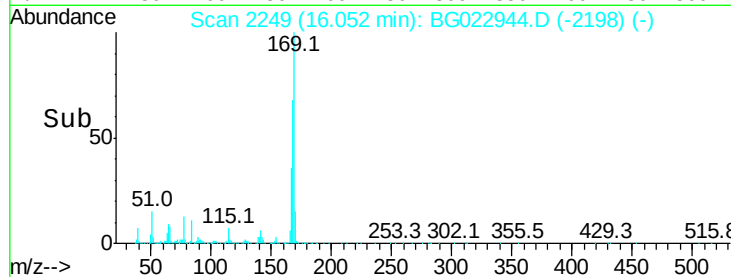
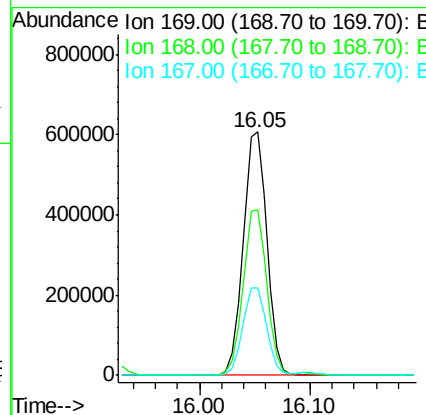
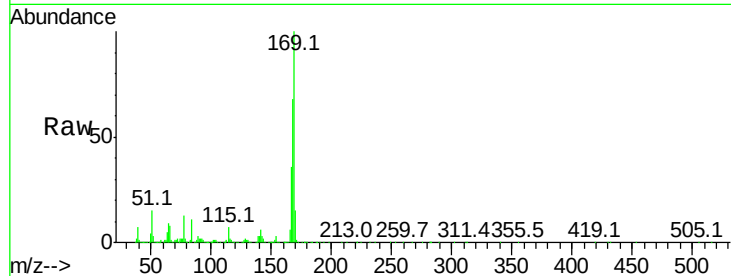




#65
 n-Nitrosodiphenylamine
 Concen: 32.81 ng
 RT: 16.05 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

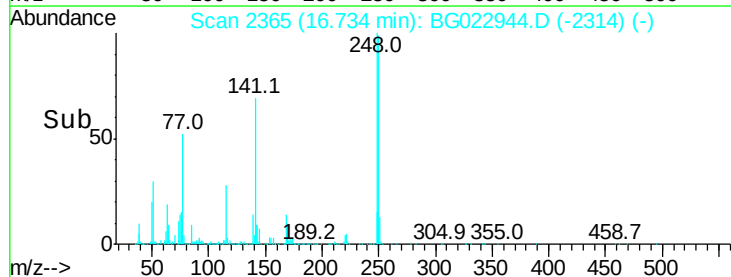
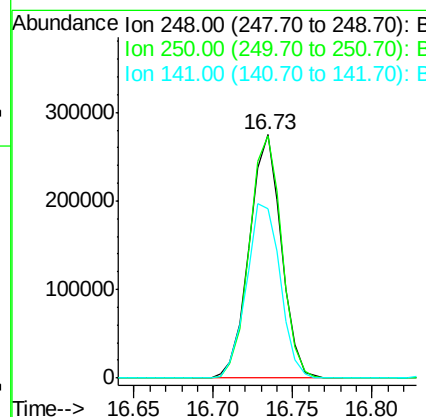
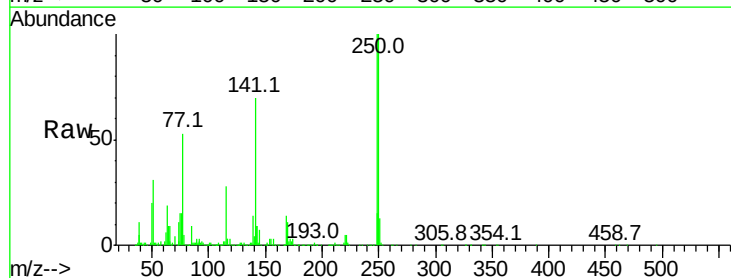
Instrument :
 BNA_G
 ClientSampleId :

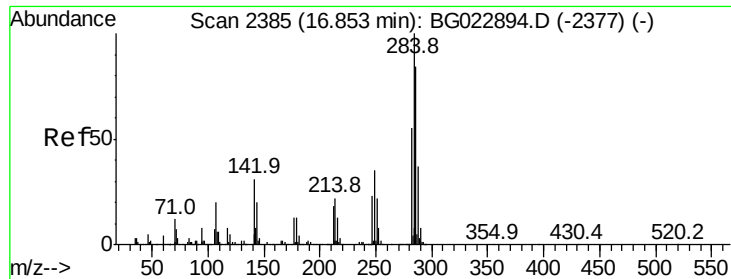
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.1	55.0	82.4
167	35.8	27.4	41.0



#66
 4-Bromophenyl-phenylether
 Concen: 30.51 ng
 RT: 16.73 min Scan# 2365
 Delta R.T. -0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.5	77.8	116.8
141	69.6	65.7	98.5

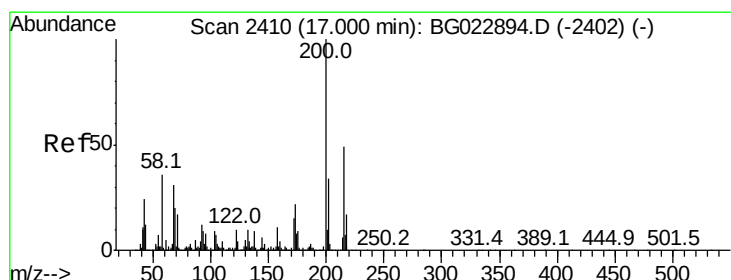
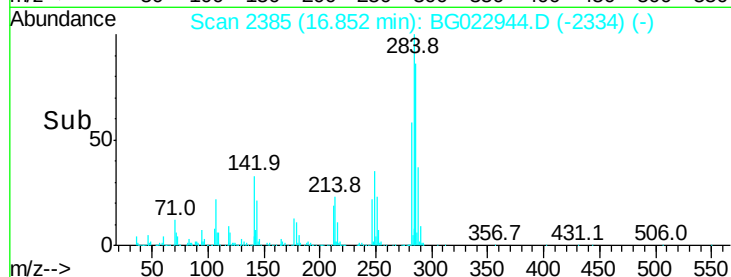
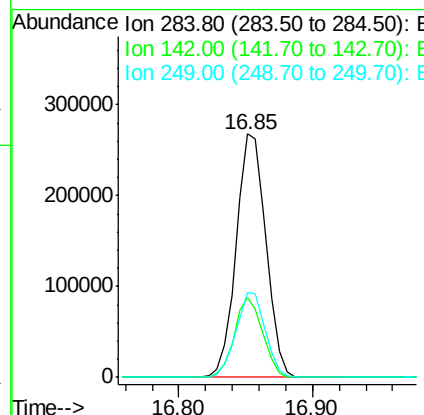
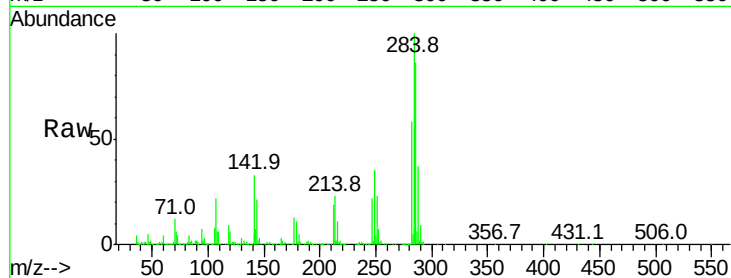




#67
Hexachlorobenzene
Concen: 30.19 ng
RT: 16.85 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

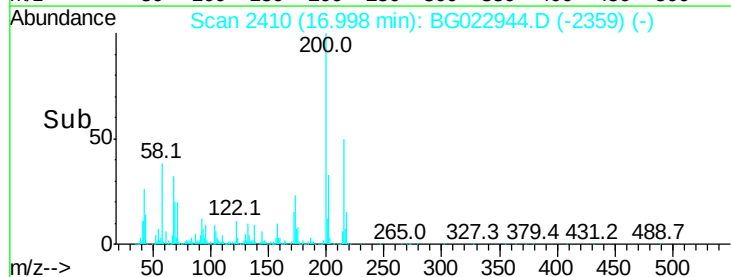
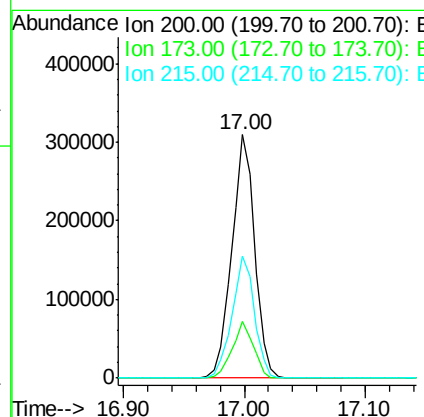
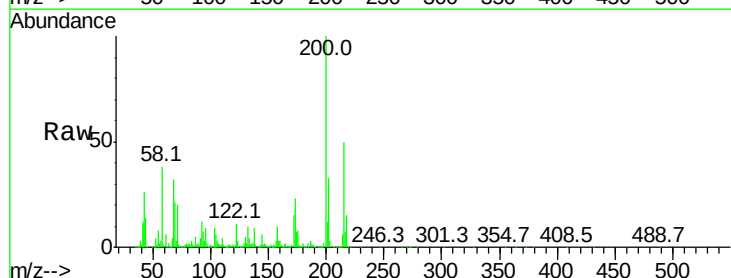
Instrument :
BNA_G
ClientSampleId :

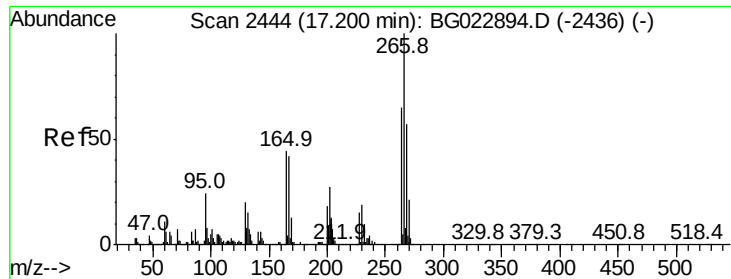
Tot Ion:284 Resp: 413572
Ion Ratio Lower Upper
284 100
142 33.0 26.8 40.2
249 34.7 28.9 43.3



#68
Atrazine
Concen: 32.74 ng
RT: 17.00 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion:200 Resp: 405153
Ion Ratio Lower Upper
200 100
173 23.5 1.6 41.6
215 50.1 28.7 68.7





#69

Pentachlorophenol

Concen: 74.39 ng

RT: 17.20 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampled :

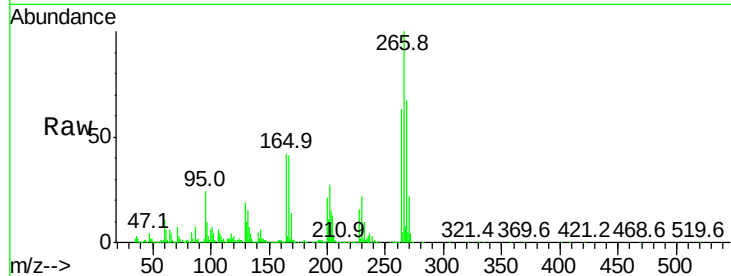
Tot Ion:266 Resp: 659834

Ion Ratio Lower Upper

266 100

268 66.8 51.9 77.9

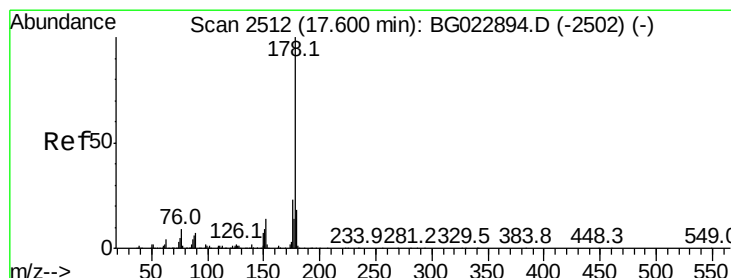
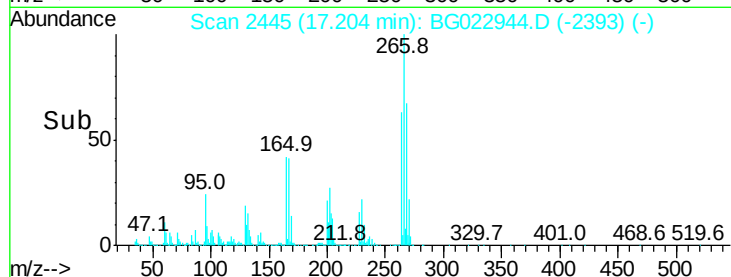
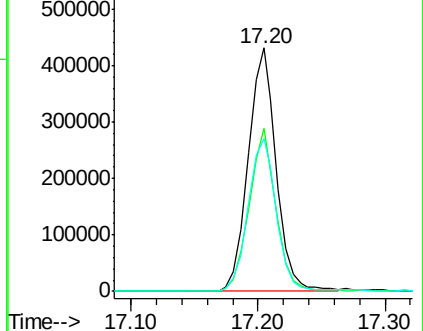
264 62.8 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 33.24 ng

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

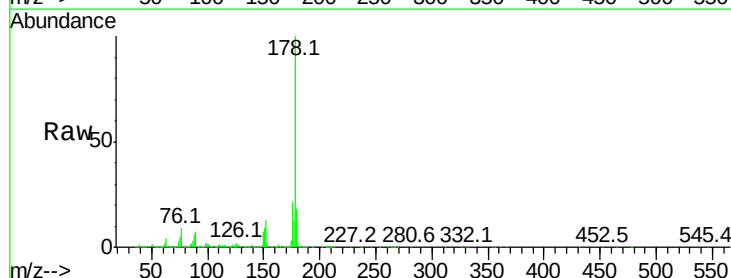
Tgt Ion:178 Resp: 1577436

Ion Ratio Lower Upper

178 100

176 21.4 16.8 25.2

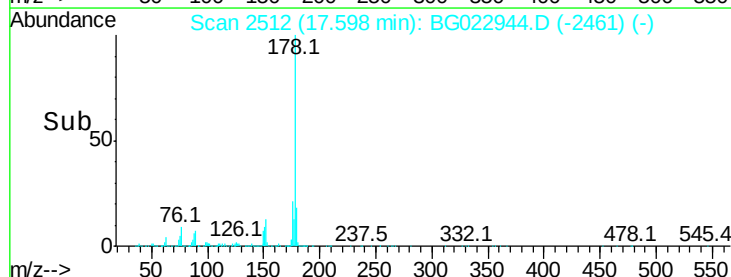
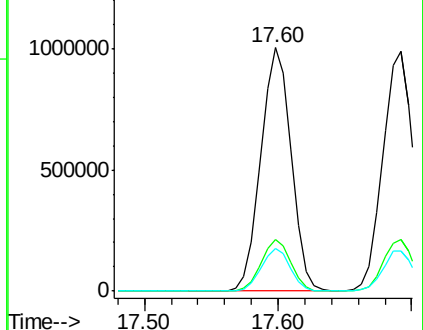
179 17.7 14.3 21.5

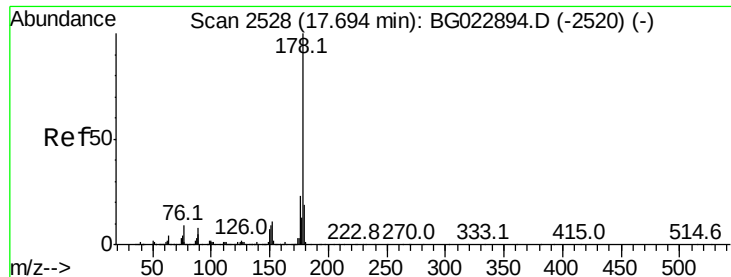


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

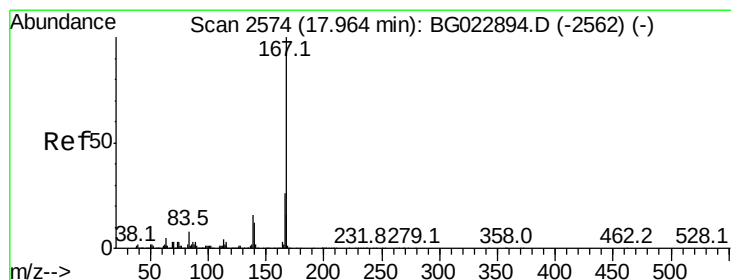
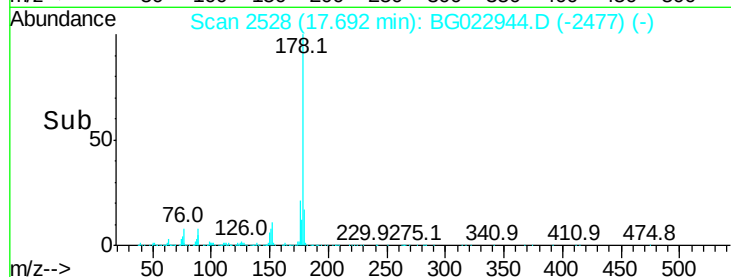
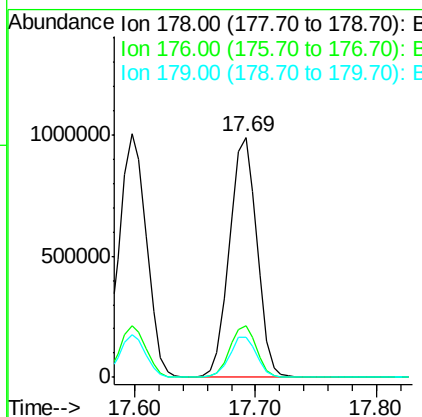
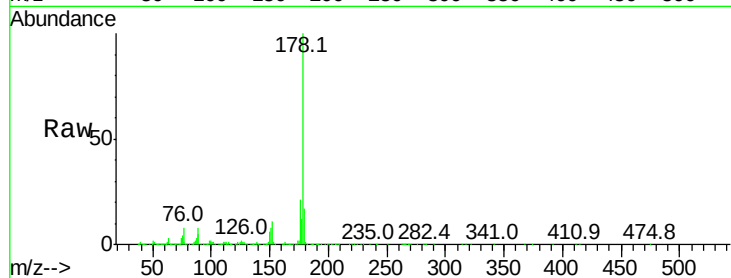




#71
 Anthracene
 Concen: 32.60 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

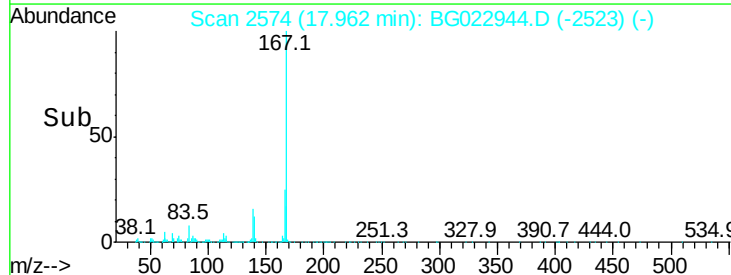
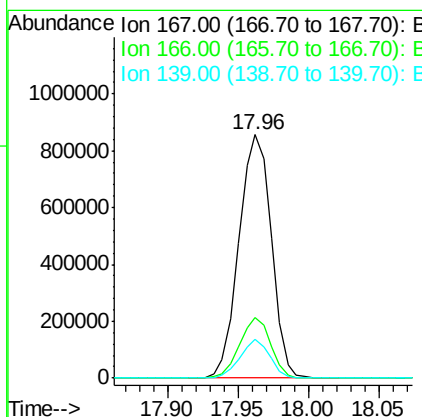
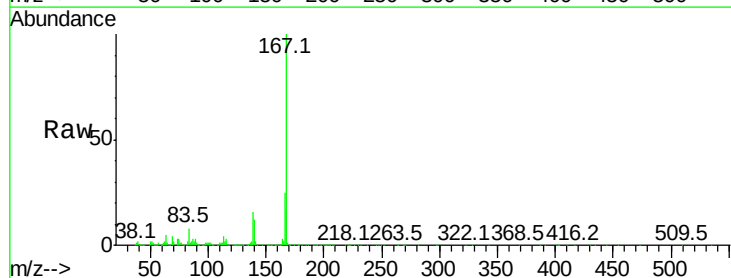
Instrument :
 BNA_G
 ClientSampleId :

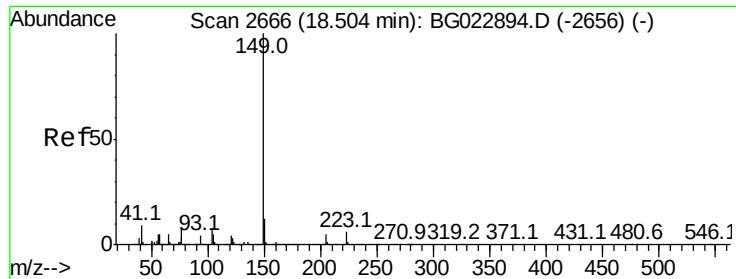
Tot Ion:178 Resp: 1566349
 Ion Ratio Lower Upper
 178 100
 176 21.3 17.3 25.9
 179 16.7 14.0 21.0



#72
 Carbazole
 Concen: 33.16 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. -0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Tgt Ion:167 Resp: 1376847
 Ion Ratio Lower Upper
 167 100
 166 24.9 20.7 31.1
 139 15.7 11.9 17.9





#73

Di-n-butylphthalate

Concen: 34.74 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

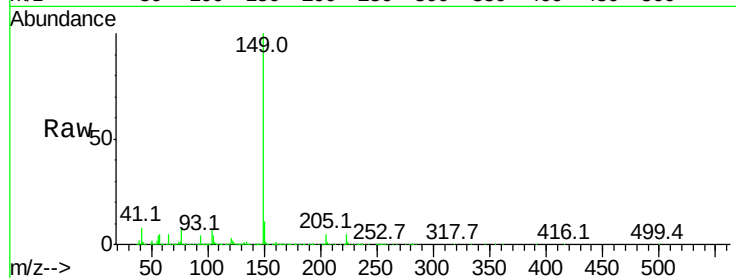
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1604228

Ion	Ratio	Lower	Upper
149	100		
150	11.0	9.1	13.7
104	7.1	6.9	10.3

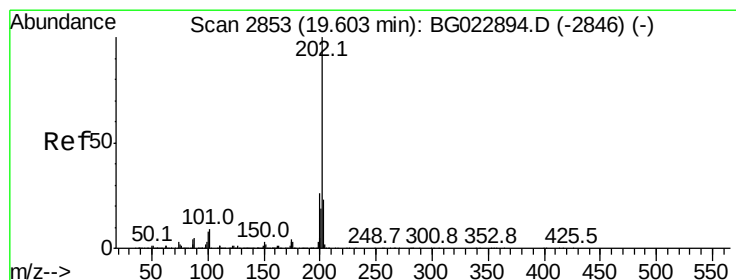
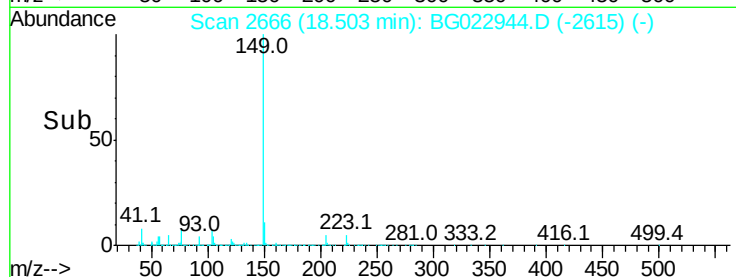
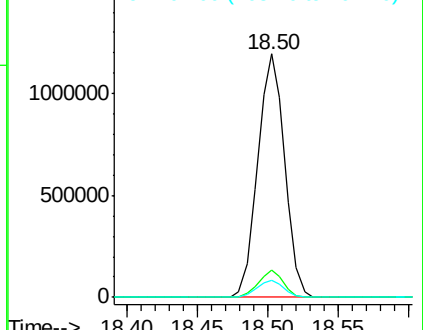


Abundance

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



#74

Fluoranthene

Concen: 31.65 ng

RT: 19.60 min Scan# 2853

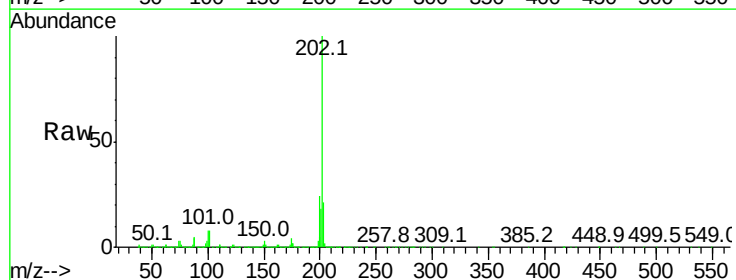
Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Tgt Ion:202 Resp: 1842798

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	27.4
203	20.7	1.7	41.7

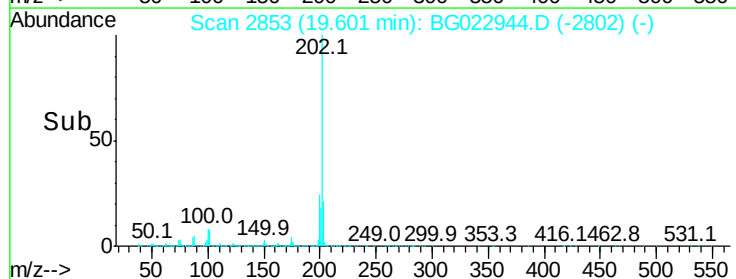
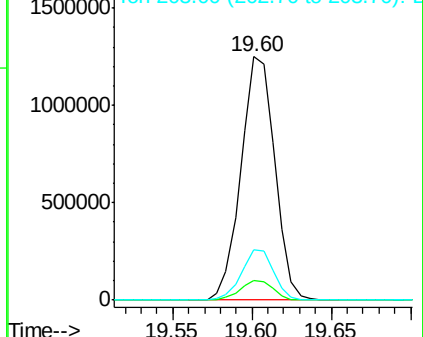


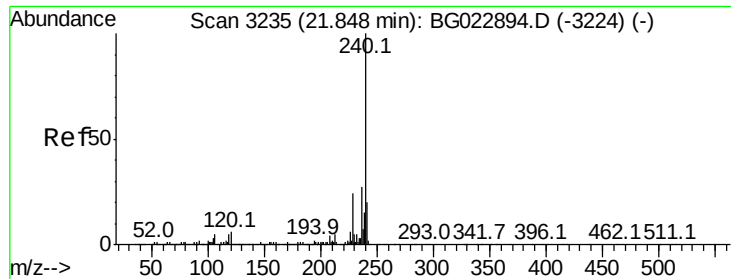
Abundance

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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

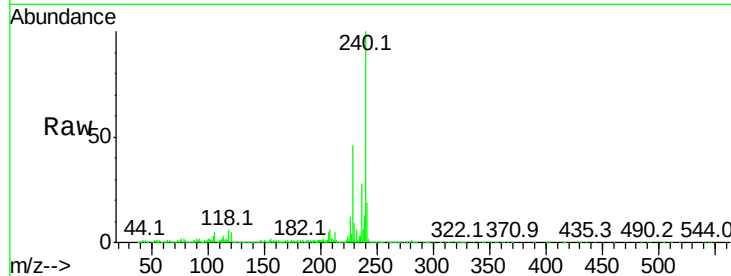
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 1029792

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.1	6.1
236	27.9	21.1	31.7

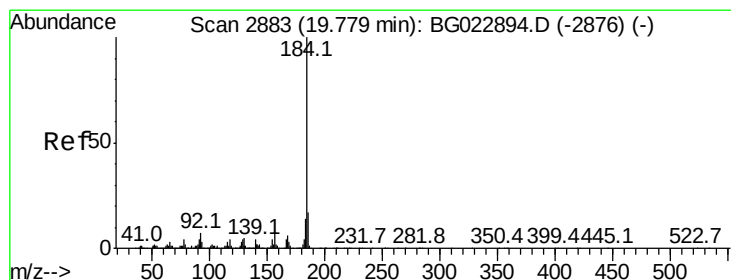
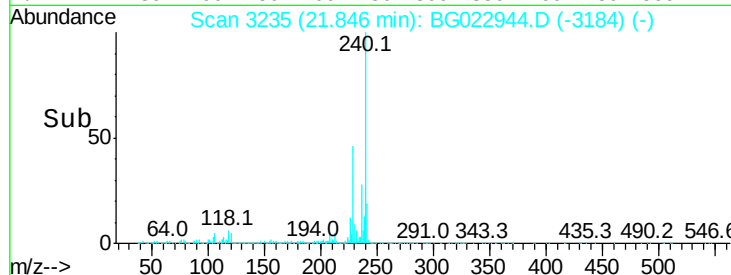
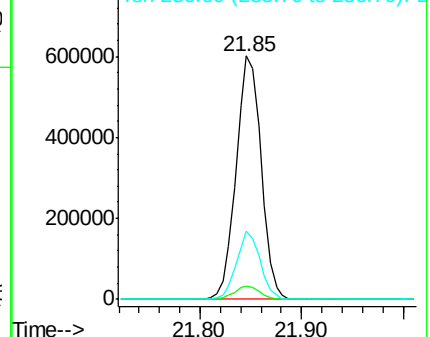


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.26 ng

RT: 19.78 min Scan# 2884

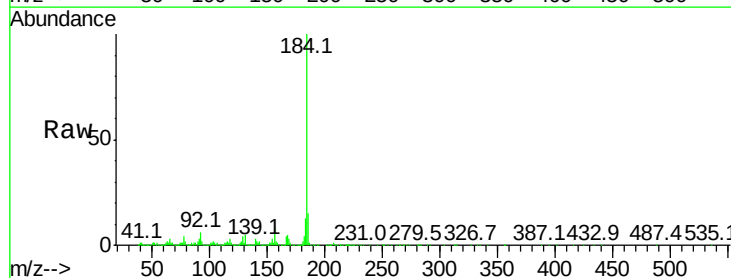
Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Tgt Ion:184 Resp: 1041073

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.6	19.0
183	13.3	10.7	16.1

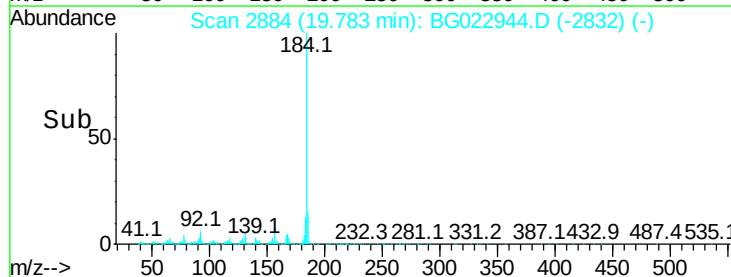
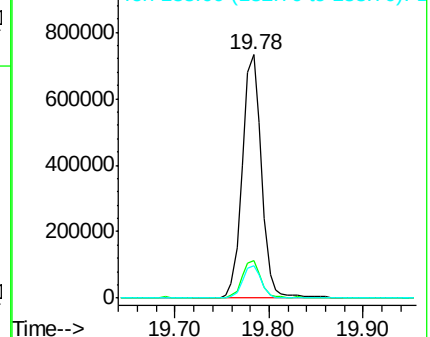


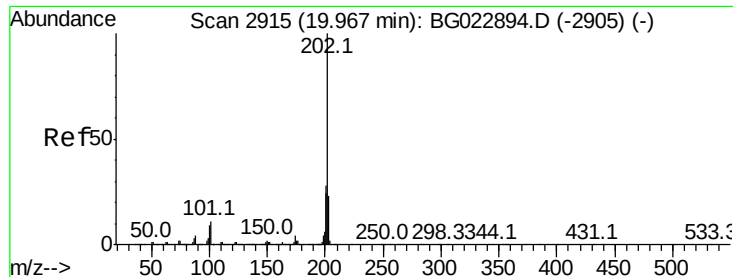
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 31.82 ng

RT: 19.97 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

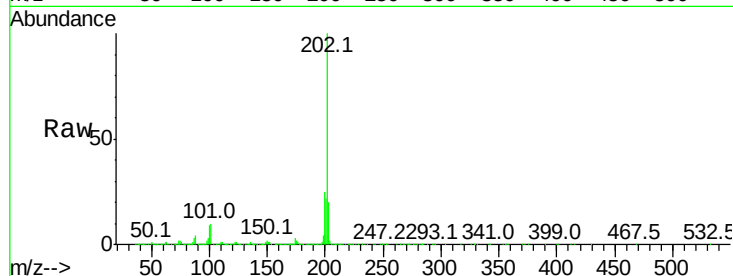
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1841187

Ion	Ratio	Lower	Upper
202	100		
200	24.9	21.2	31.8
203	20.4	16.8	25.2

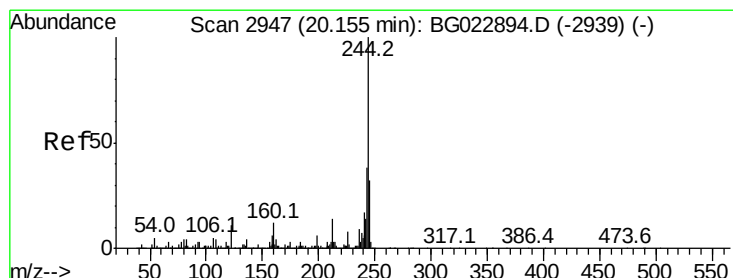
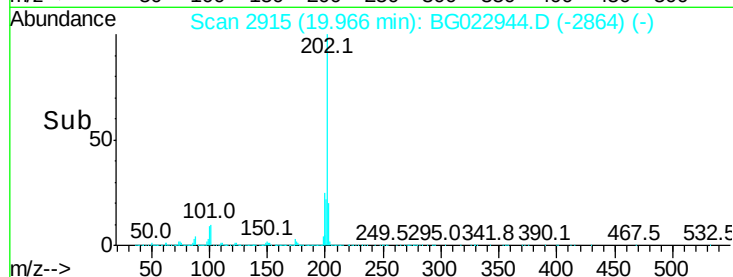
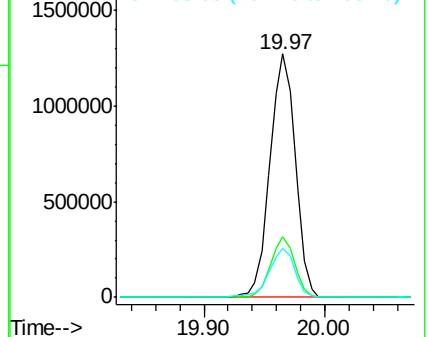


Abundance

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: 76.06 ng

RT: 20.15 min Scan# 2947

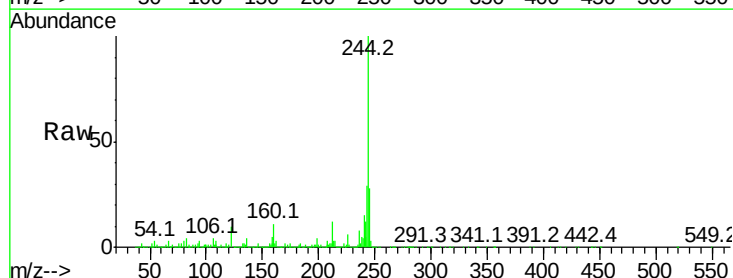
Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Tgt Ion:244 Resp: 2570565

Ion	Ratio	Lower	Upper
244	100		
212	11.8	10.8	16.2
122	10.1	8.0	12.0

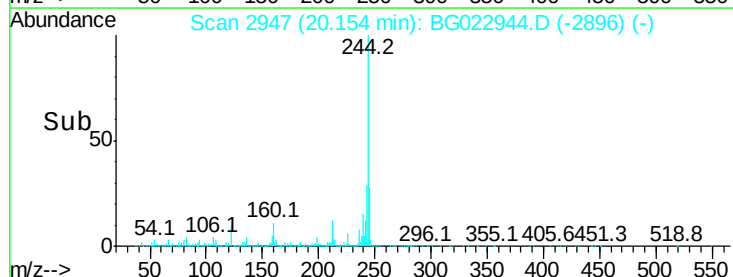
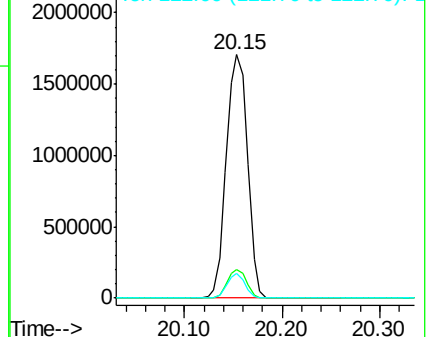


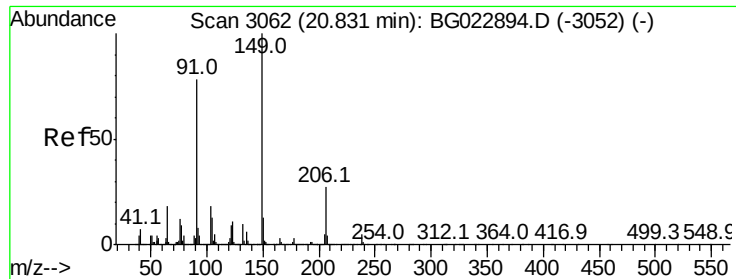
Abundance

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

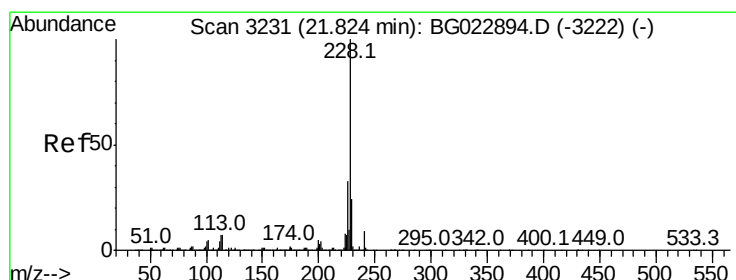
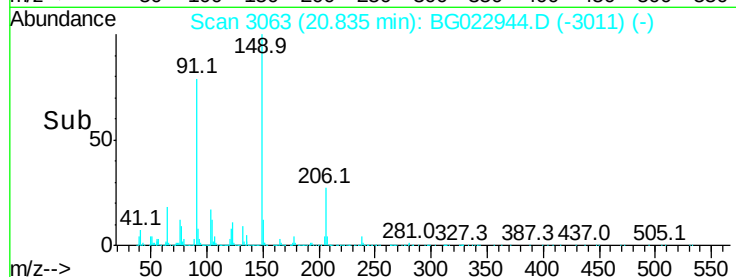
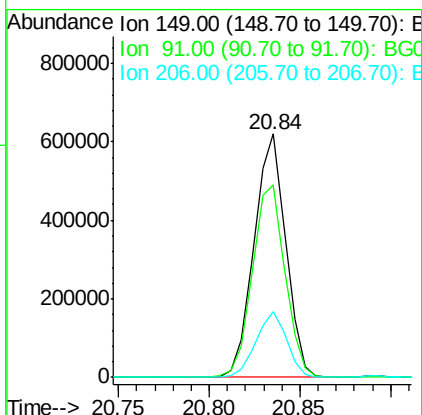
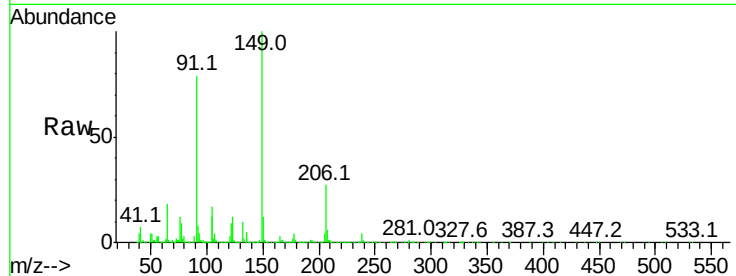




#79
Butylbenzylphthalate
Concen: 32.74 ng
RT: 20.84 min Scan# 3063
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

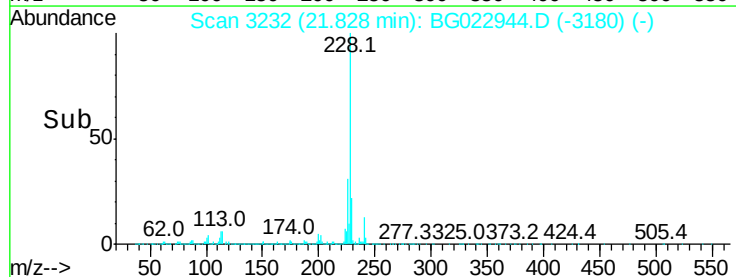
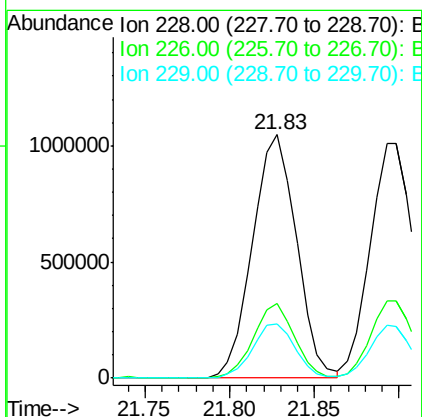
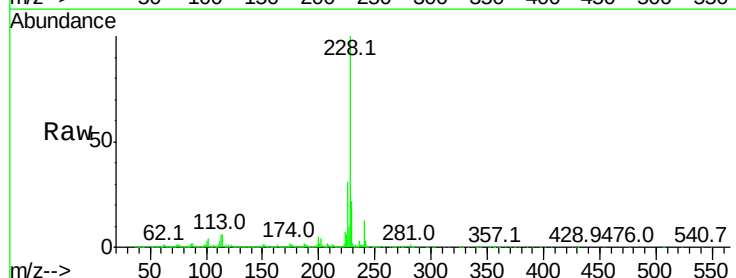
Instrument :
BNA_G
ClientSampleId :

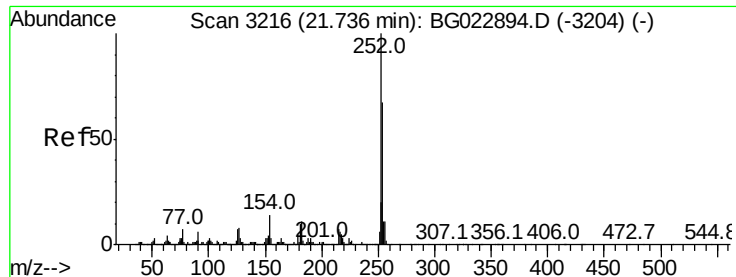
Tot Ion:149 Resp: 750366
Ion Ratio Lower Upper
149 100
91 78.8 68.1 102.1
206 26.9 19.8 29.6



#80
Benzo(a)anthracene
Concen: 32.72 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion:228 Resp: 1885113
Ion Ratio Lower Upper
228 100
226 30.6 25.3 37.9
229 22.4 19.9 29.9

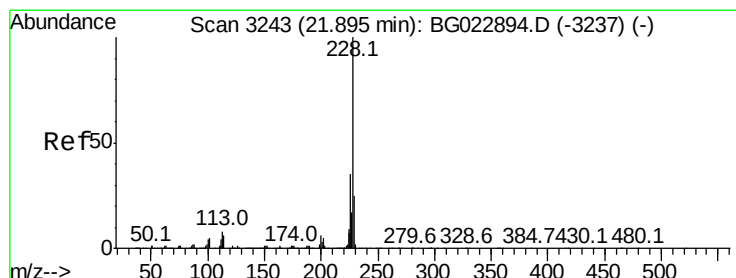
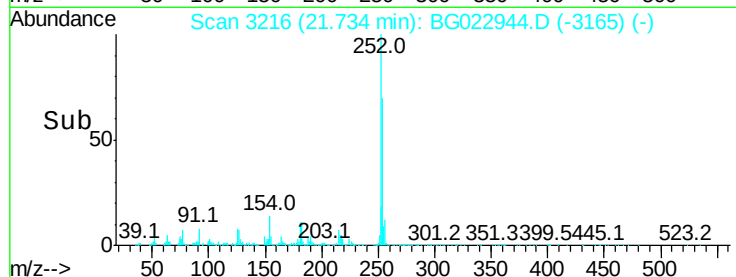
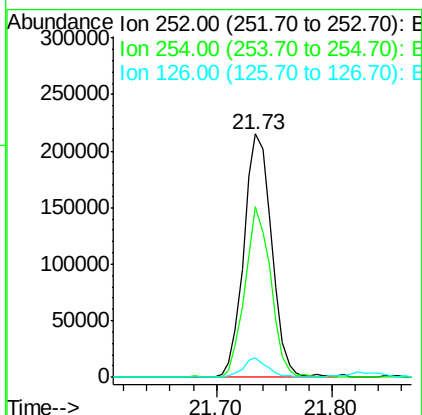
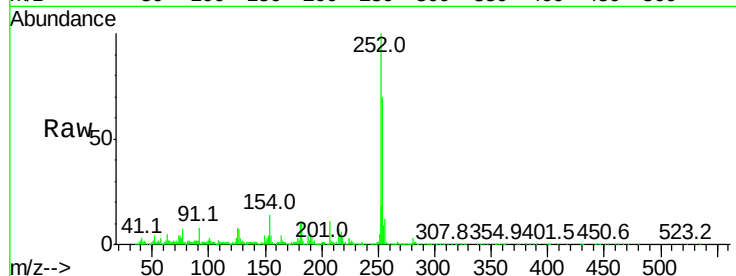




#81
 3,3'-Dichlorobenzidine
 Concen: 14.35 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

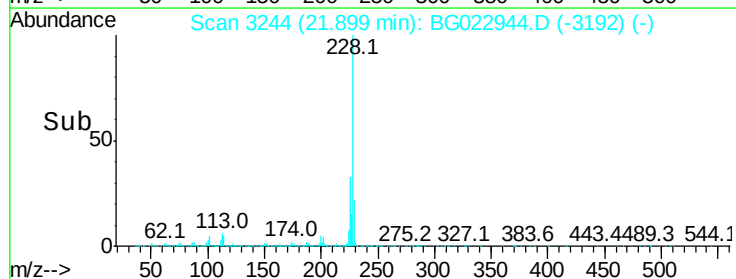
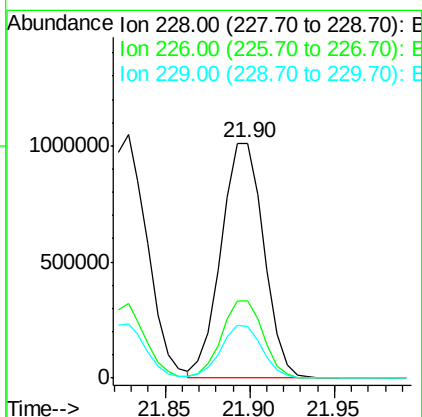
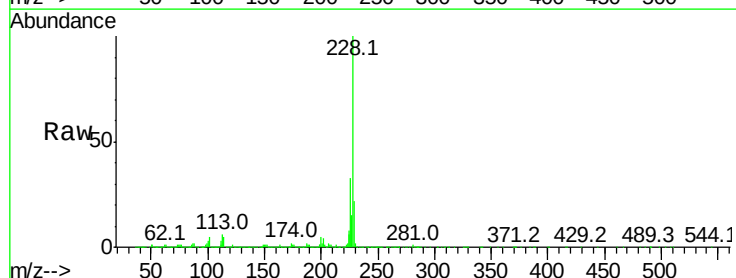
Instrument :
 BNA_G
 ClientSampleId :

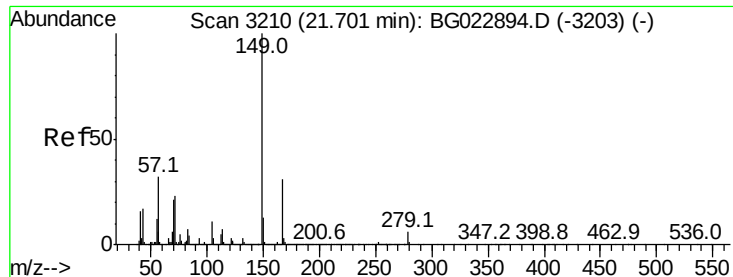
Tot Ion:252 Resp: 362949
 Ion Ratio Lower Upper
 252 100
 254 70.3 51.2 76.8
 126 8.1 5.3 7.9#



#82
 Chrysene
 Concen: 32.90 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Tgt Ion:228 Resp: 1778131
 Ion Ratio Lower Upper
 228 100
 226 33.0 26.7 40.1
 229 22.2 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.85 ng

RT: 21.70 min Scan# 3211

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

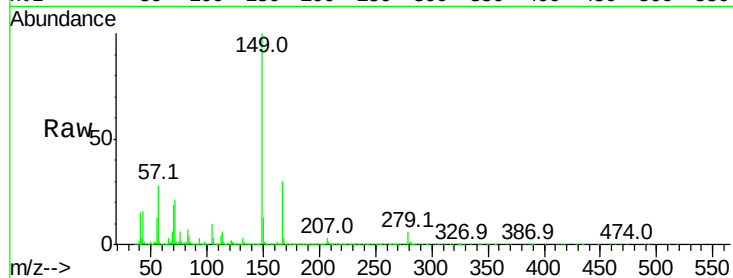
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1363744

Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.0	36.0
279	5.9	4.8	7.2

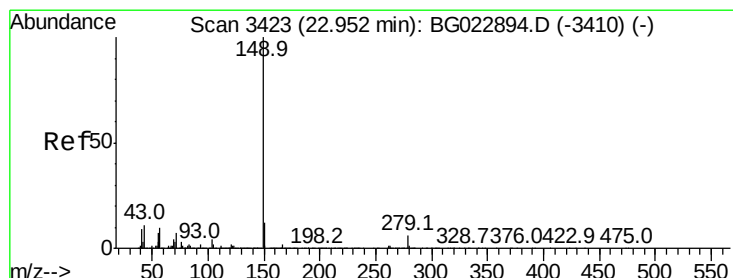
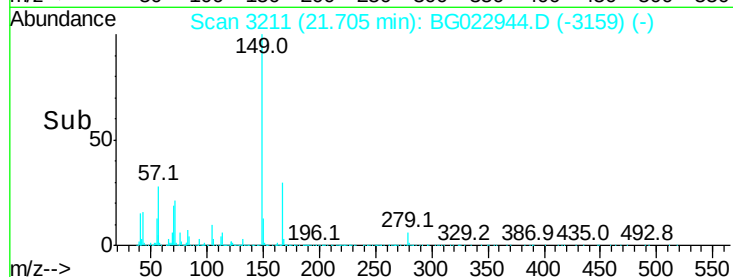
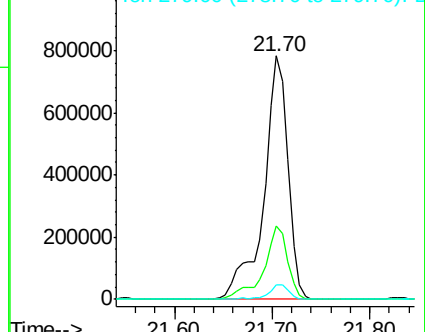


Abundance

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: 32.50 ng

RT: 22.96 min Scan# 3425

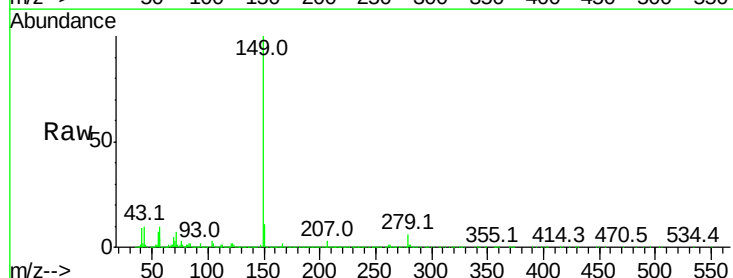
Delta R.T. 0.01 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Tgt Ion:149 Resp: 1725023

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	9.8	8.8	13.2

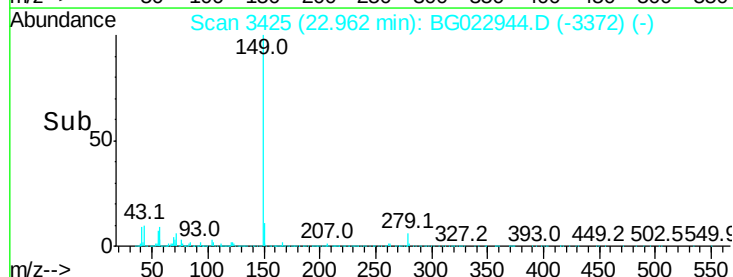
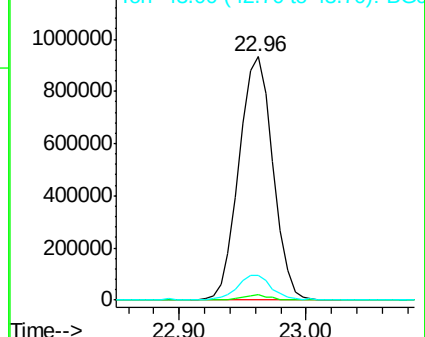


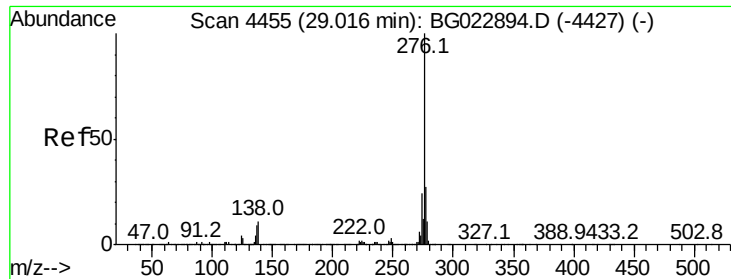
Abundance

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: 31.47 ng

RT: 29.05 min Scan# 4462

Delta R.T. 0.04 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampled :

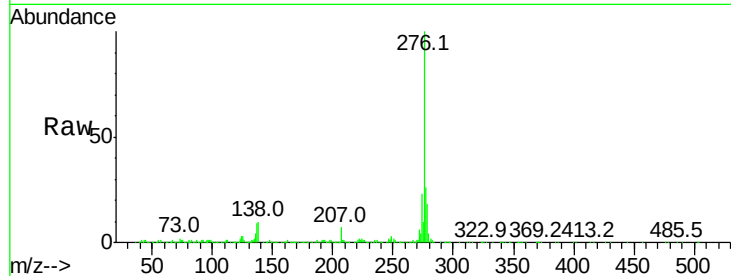
Tot Ion:276 Resp: 2168416

Ion Ratio Lower Upper

276 100

138 7.9 0.0 0.0#

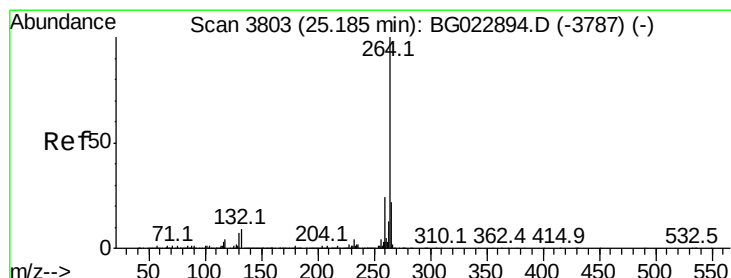
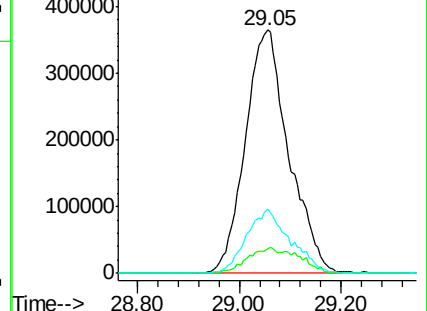
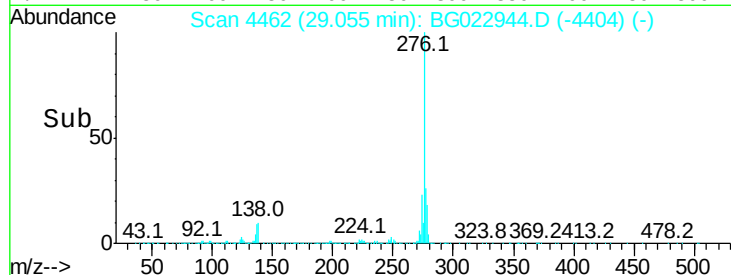
277 26.3 0.0 0.0#



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: 25.20 min Scan# 3806

Delta R.T. 0.02 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

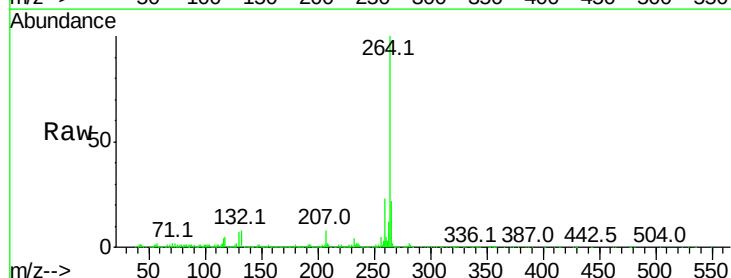
Tgt Ion:264 Resp: 1037107

Ion Ratio Lower Upper

264 100

260 22.7 18.4 27.6

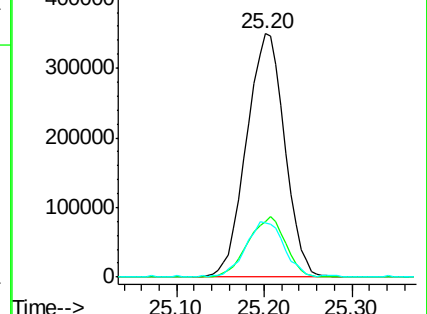
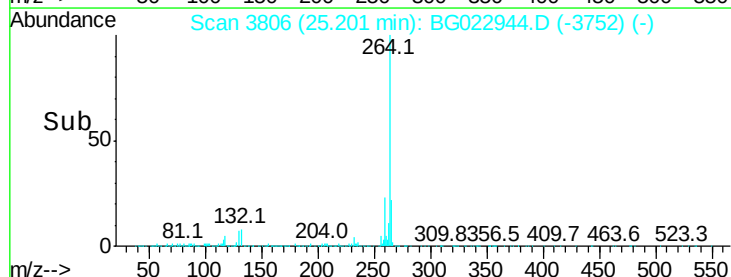
265 22.3 18.9 28.3

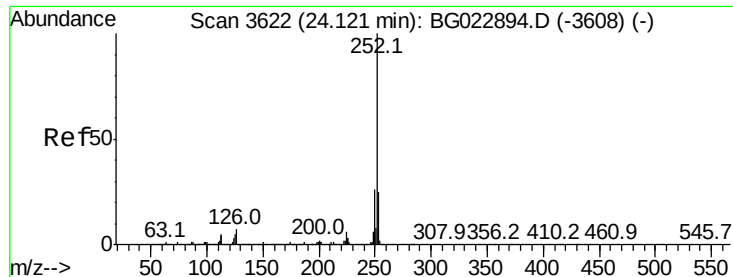


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

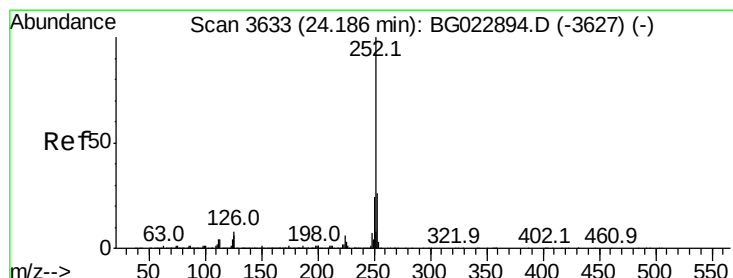
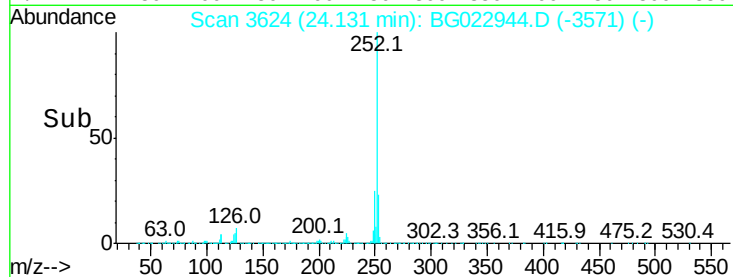
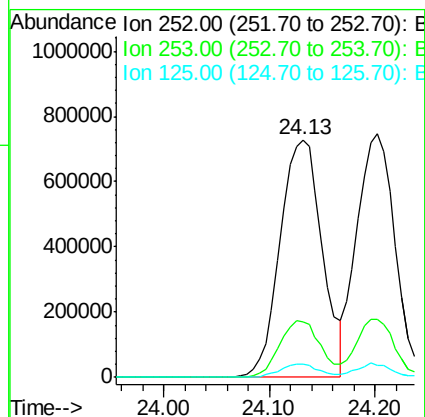
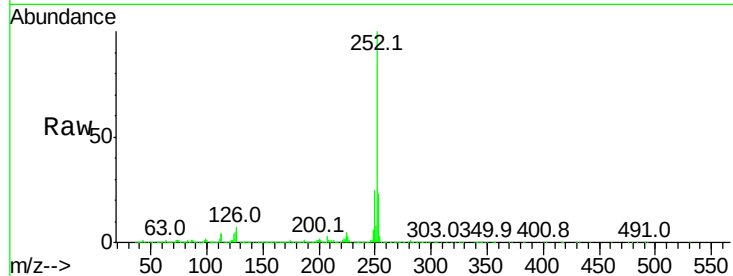




#87
Benzo(b)fluoranthene
Concen: 33.69 ng
RT: 24.13 min Scan# 3624
Delta R.T. 0.01 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

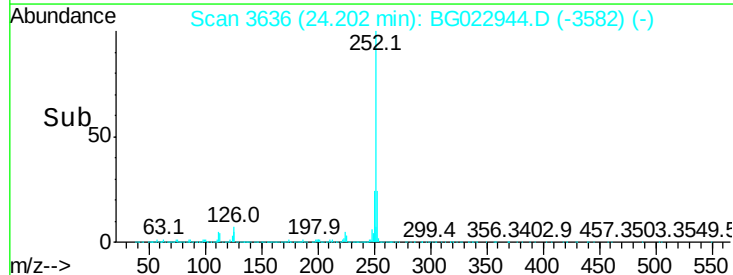
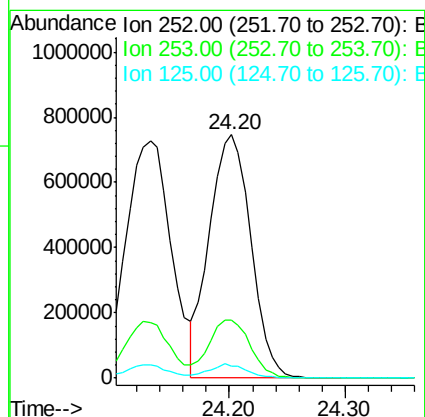
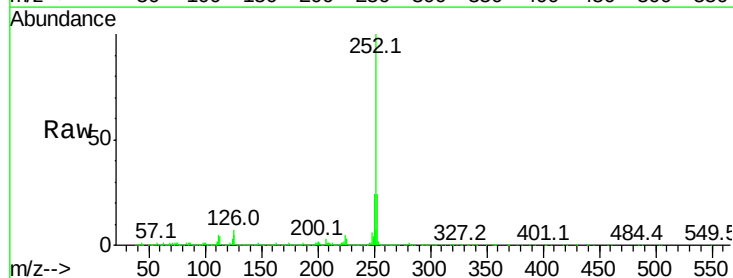
Instrument :
BNA_G
ClientSampleId :

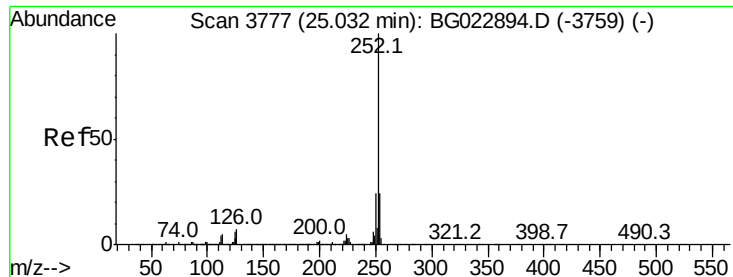
Tot Ion:252 Resp: 2015793
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 5.5 3.9 5.9



#88
Benzo(k)fluoranthene
Concen: 32.73 ng
RT: 24.20 min Scan# 3636
Delta R.T. 0.02 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion:252 Resp: 1858568
Ion Ratio Lower Upper
252 100
253 24.1 18.8 28.2
125 5.0 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 33.18 ng

RT: 25.04 min Scan# 3779

Delta R.T. 0.01 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

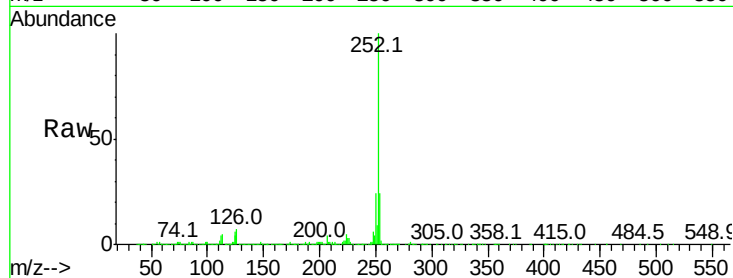
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1903149

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.7	28.1
125	6.3	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

25.04

800000

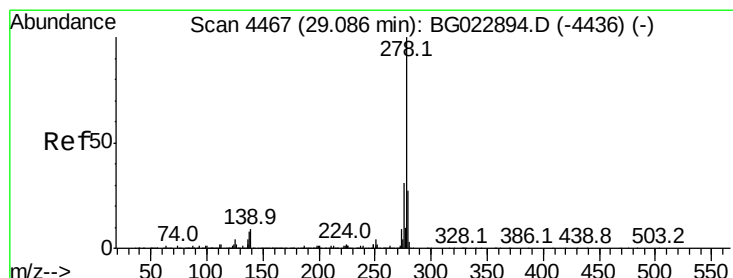
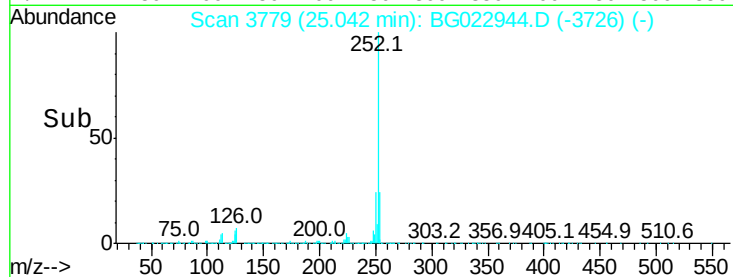
600000

400000

200000

0

Time--> 24.90 25.00 25.10



#90

Dibenzo(a,h)anthracene

Concen: 32.10 ng

RT: 29.12 min Scan# 4473

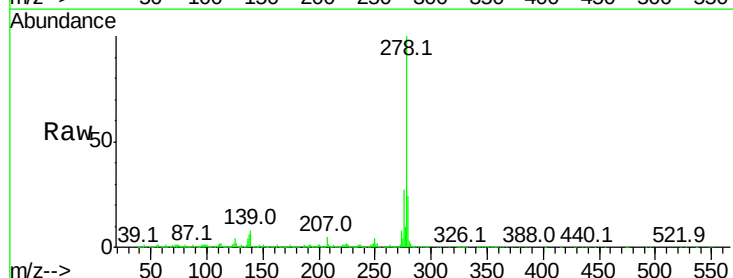
Delta R.T. 0.03 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Tgt Ion:278 Resp: 1827226

Ion	Ratio	Lower	Upper
278	100		
139	8.1	4.7	7.1
279	24.3	18.3	27.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

29.12

500000

400000

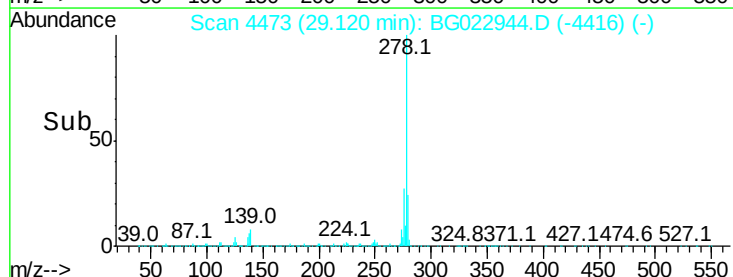
300000

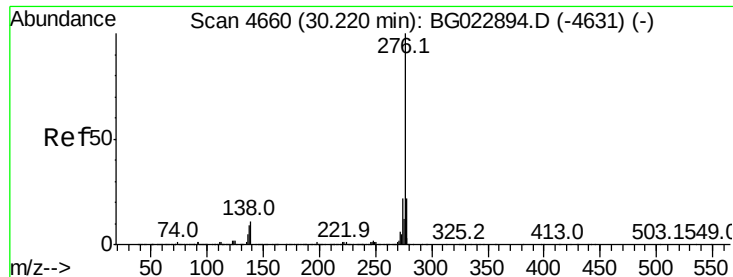
200000

100000

0

Time--> 28.80 29.00 29.20





#91

Benzo(a,h,i)perylene

Concen: 31.76 ng

RT: 30.26 min Scan# 4667

Delta R.T. 0.04 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1810471

Ion Ratio Lower Upper

276 100

277 23.8 18.6 27.8

138 11.4 6.8 10.2#

