

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022928.D
 Acq On : 8 Jul 2016 12:44
 Operator : UM/SJ
 Sample : H3876-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 08 17:36:31 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	106466	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	482227	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	378255	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	939487	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1043982	20.00	ng	0.00
86) Perylene-d12	25.20	264	1073229	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	717612	110.24	ng	0.00
7) Phenol-d6	7.31	99	1100879	107.98	ng	0.00
23) Nitrobenzene-d5	9.33	82	738835	65.60	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	603133	88.72	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1456861	60.67	ng	0.00
78) Terphenyl-d14	20.15	244	2263050	61.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	70925	28.03	ng	# 91
3) Pyridine	3.97	79	172136	19.88	ng	92
4) n-Nitrosodimethylamine	3.88	42	84108	22.64	ng	# 87
6) Aniline	7.47	93	147345	10.43	ng	96
8) 2-Chlorophenol	7.72	128	184916	26.69	ng	97
9) Benzaldehyde	7.28	77	155917	22.89	ng	91
10) Phenol	7.33	94	309054	29.46	ng	91
11) bis(2-Chloroethyl)ether	7.56	93	200775	24.15	ng	96
12) 1,3-Dichlorobenzene	8.04	146	184738	21.79	ng	93
13) 1,4-Dichlorobenzene	8.19	146	197946	23.32	ng	97
14) 1,2-Dichlorobenzene	8.51	146	194138	23.00	ng	93
15) Benzyl Alcohol	8.39	79	251625	26.95	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	230402	22.69	ng	97
17) 2-Methylphenol	8.60	107	184702	27.05	ng	88
18) Hexachloroethane	9.25	117	79820	22.27	ng	94
19) n-Nitroso-di-n-propylamine	8.96	70	198024	21.55	ng	98
20) 3+4-Methylphenols	8.92	107	256988	26.98	ng	87
22) Acetophenone	8.98	105	331017	22.87	ng	# 91
24) Nitrobenzene	9.37	77	295370	24.68	ng	95
25) Isophorone	9.88	82	530957	23.44	ng	98
26) 2-Nitrophenol	10.08	139	114809	24.45	ng	91
27) 2,4-Dimethylphenol	10.14	122	185484	22.85	ng	90
28) bis(2-Chloroethoxy)methane	10.37	93	297506	23.55	ng	97
29) 2,4-Dichlorophenol	10.62	162	225705	26.07	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	227535	22.94	ng	95
31) Naphthalene	11.03	128	575825	23.46	ng	98
32) Benzoic acid	10.21	122	50950	6.90	ng	# 88
33) 4-Chloroaniline	11.14	127	90936	7.58	ng	94
34) Hexachlorobutadiene	11.31	225	177417	22.06	ng	92
35) Caprolactam	11.90	113	44358	12.45	ng	# 82
36) 4-Chloro-3-methylphenol	12.25	107	287559	24.29	ng	96
37) 2-Methylnaphthalene	12.63	142	459930	23.71	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	306908	18.83	ng	99
40) Hexachlorocyclopentadiene	12.97	237	495411	52.79	ng	92

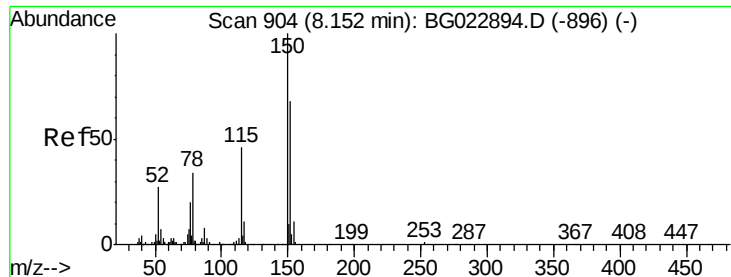
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	222279	23.72	nq	96
43) 2,4,5-Trichlorophenol	13.31	196	235644	24.49	nq	92
45) 1,1'-Biphenyl	13.63	154	654568	23.06	nq	98
46) 2-Chloronaphthalene	13.68	162	536754	23.31	nq	95
47) 2-Nitroaniline	13.88	65	230088	23.42	nq	99
48) Acenaphthylene	14.52	152	813552	23.56	nq	98
49) Dimethylphthalate	14.24	163	977261	31.63	nq	99
50) 2,6-Dinitrotoluene	14.37	165	167958	24.19	nq	# 81
51) Acenaphthene	14.86	154	529133	23.45	nq	94
52) 3-Nitroaniline	14.70	138	92399	13.34	nq	97
53) 2,4-Dinitrophenol	14.90	184	134259	28.18	nq	92
54) Dibenzofuran	15.19	168	878346	26.00	nq	99
55) 4-Nitrophenol	15.01	139	345739	59.57	nq	97
56) 2,4-Dinitrotoluene	15.15	165	241571	23.86	nq	# 93
57) Fluorene	15.85	166	708076	24.35	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	236142	24.53	nq	97
59) Diethylphthalate	15.60	149	776504	24.70	nq	99
60) 4-Chlorophenyl-phenylether	15.83	204	396438	22.39	nq	98
61) 4-Nitroaniline	15.86	138	151176	20.18	nq	91
62) Azobenzene	16.13	77	806384	26.82	nq	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	130206	18.65	nq	95
65) n-Nitrosodiphenylamine	16.05	169	662009	24.46	nq	100
66) 4-Bromophenyl-phenylether	16.73	248	278703	22.80	nq	97
67) Hexachlorobenzene	16.85	284	293935	22.12	nq	97
68) Atrazine	16.99	200	294541	24.53	nq	98
69) Pentachlorophenol	17.20	266	474632	55.15	nq	99
70) Phenanthrene	17.60	178	1178965	25.61	nq	97
71) Anthracene	17.69	178	1175149	25.21	nq	98
72) Carbazole	17.96	167	1028539	25.53	nq	96
73) Di-n-butylphthalate	18.50	149	1246461	27.82	nq	97
74) Fluoranthene	19.60	202	1416865	25.08	nq	96
76) Benzidine	19.78	184	677863	22.65	nq	99
77) Pyrene	19.97	202	1432953	24.43	nq	94
79) Butylbenzylphthalate	20.83	149	575683	24.77	nq	97
80) Benzo(a)anthracene	21.83	228	1473745	25.23	nq	96
81) 3,3'-Dichlorobenzidine	21.73	252	295101	11.51	nq	99
82) Chrysene	21.89	228	1393760	25.44	nq	98
83) Bis(2-ethylhexyl)phthalate	21.71	149	813682	25.22	nq	98
84) Di-n-octyl phthalate	22.96	149	1348826	25.07	nq	97
85) Indeno(1,2,3-cd)pyrene	29.03	276	1678854	24.03	nq	# 100
87) Benzo(b)fluoranthene	24.13	252	1521754	24.58	nq	98
88) Benzo(k)fluoranthene	24.20	252	1455375	24.77	nq	# 98
89) Benzo(a)pyrene	25.04	252	1493377	25.16	nq	98
90) Dibenzo(a,h)anthracene	29.10	278	1409907	23.93	nq	# 95
91) Benzo(g,h,i)perylene	30.24	276	1401264	23.75	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

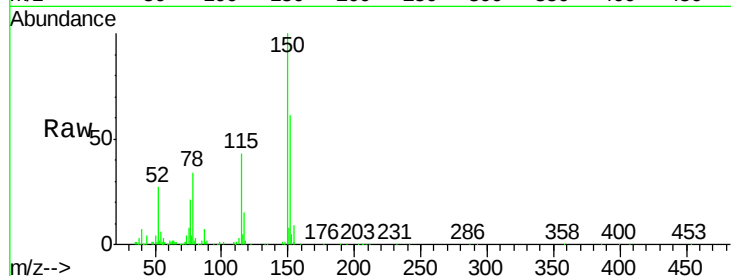
Tot Ion:152 Resp: 106466

Ion Ratio Lower Upper

152 100

150 164.4 144.7 217.1

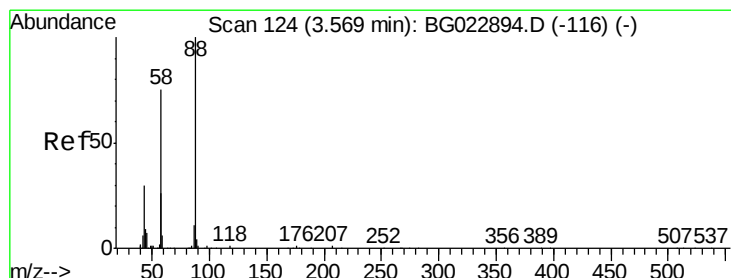
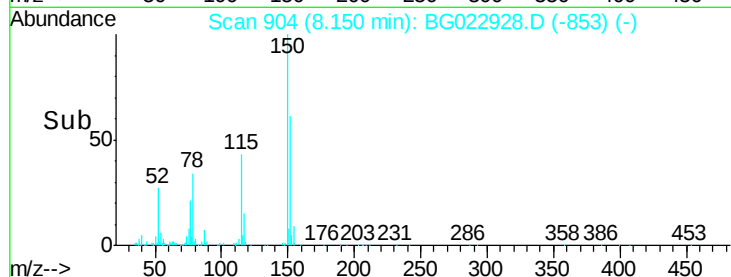
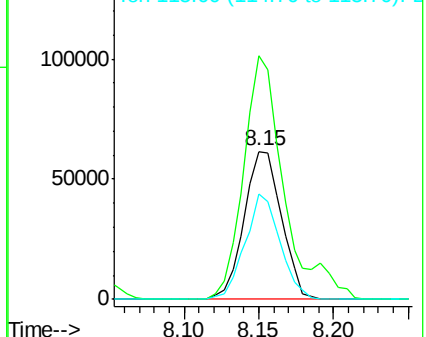
115 71.1 64.0 96.0



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: 28.03 ng

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

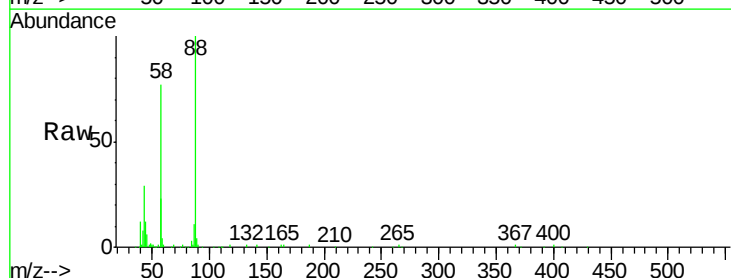
Tgt Ion: 88 Resp: 70925

Ion Ratio Lower Upper

88 100

58 79.8 60.4 90.6

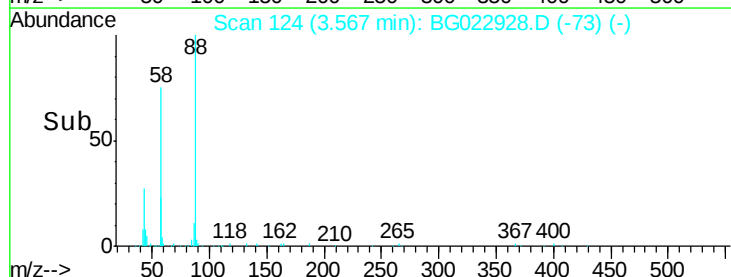
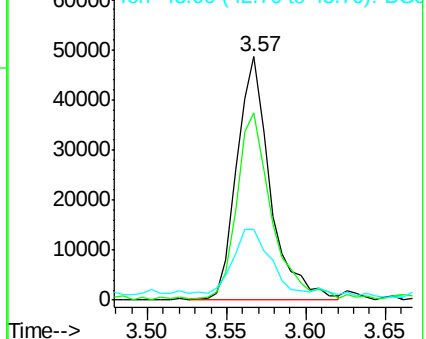
43 29.0 31.1 46.7#

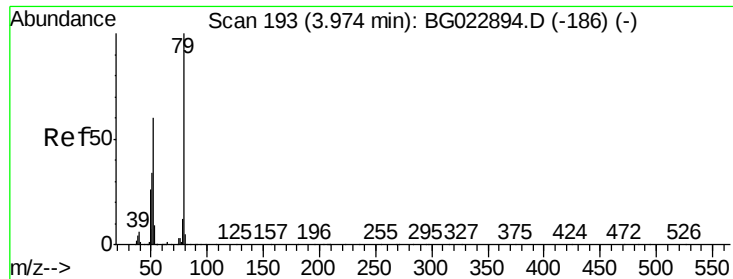


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 19.88 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

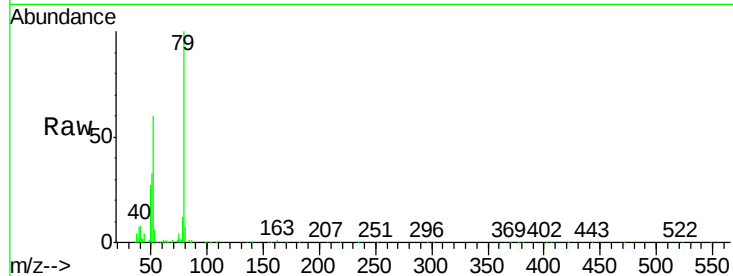
Tot Ion: 79 Resp: 172136

Ion Ratio Lower Upper

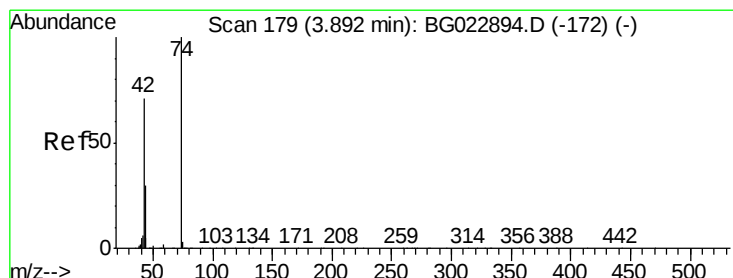
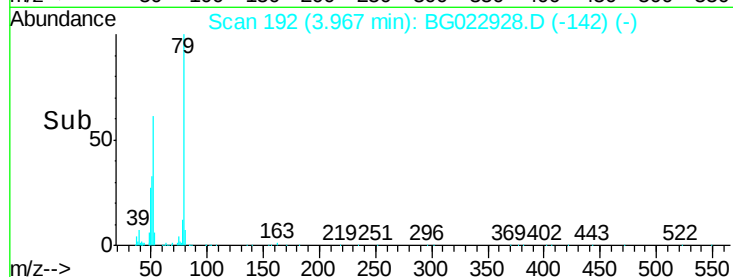
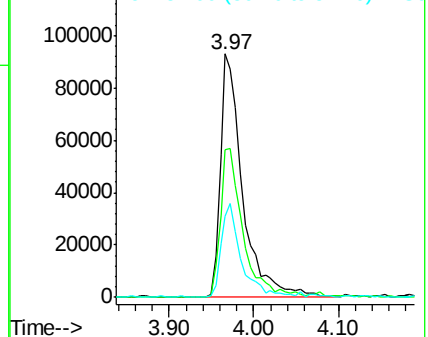
79 100

52 60.5 51.8 77.8

51 33.4 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



#4

n-Nitrosodimethylamine

Concen: 22.64 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

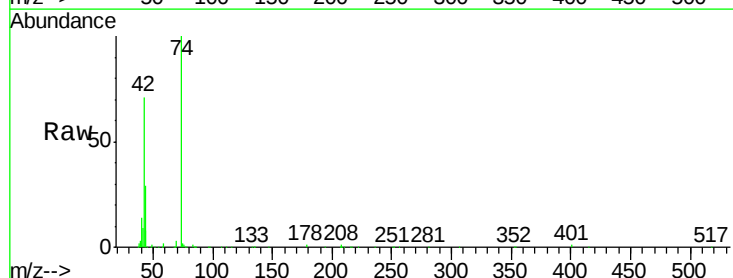
Tgt Ion: 42 Resp: 84108

Ion Ratio Lower Upper

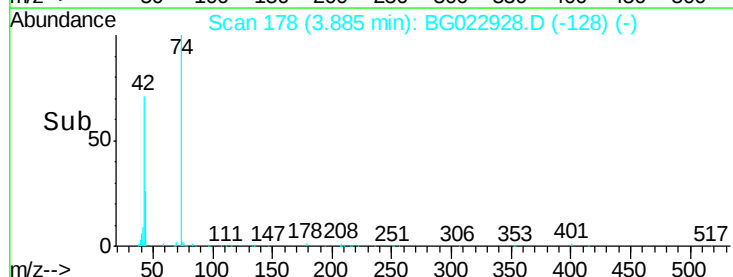
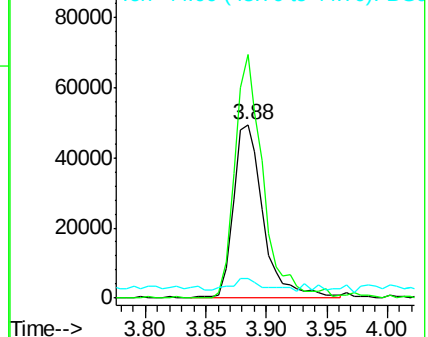
42 100

74 140.6 100.6 150.8

44 11.2 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





#5

2-Fluorophenol

Concen: 110.24 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

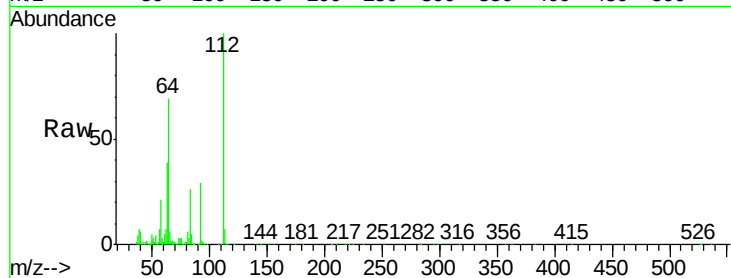
Tot Ion: 112 Resp: 717612

Ion Ratio Lower Upper

112 100

64 69.5 59.0 88.4

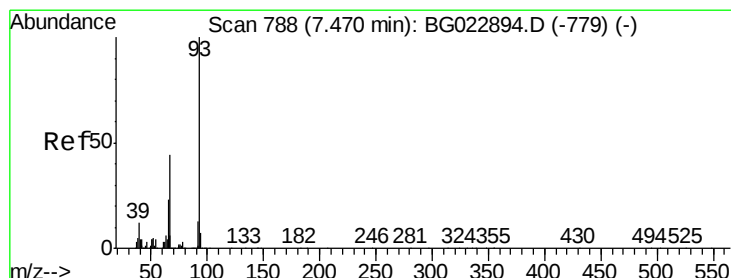
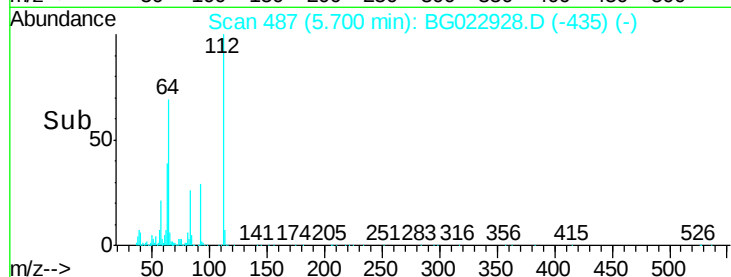
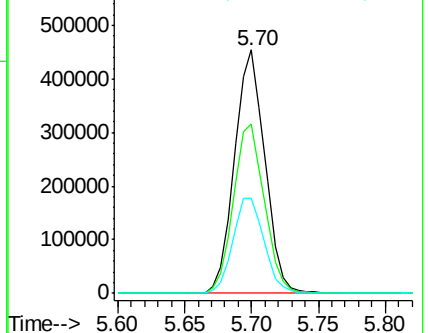
63 38.9 37.8 56.8



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: 10.43 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

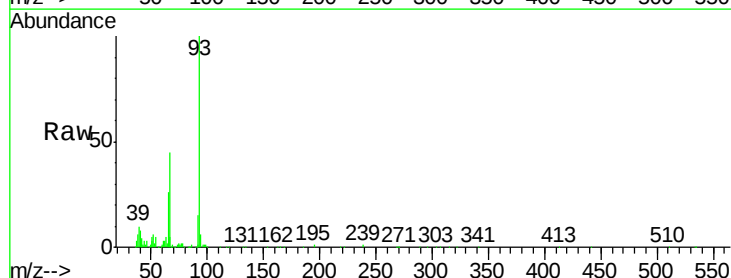
Tgt Ion: 93 Resp: 147345

Ion Ratio Lower Upper

93 100

66 45.3 37.5 56.3

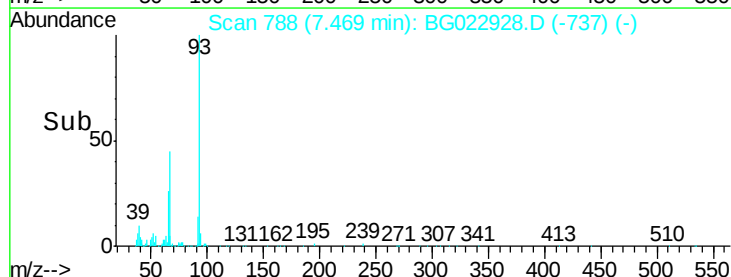
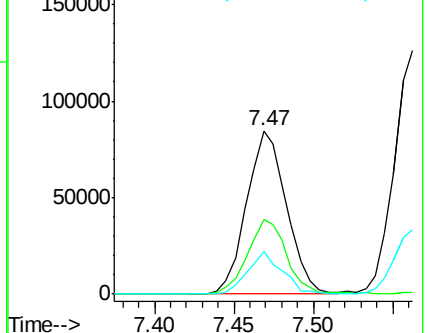
65 26.2 17.9 26.9

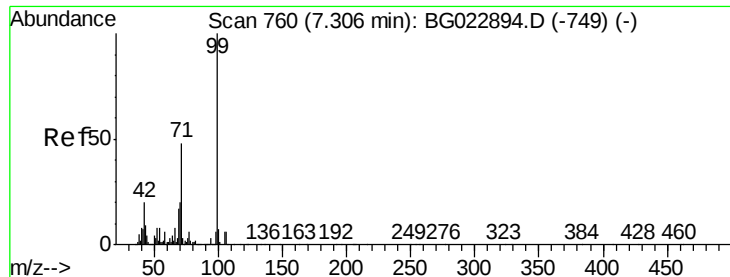


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.98 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

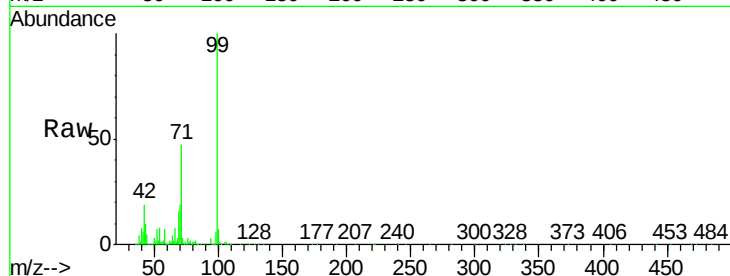
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1100879

Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.8	26.6
71	46.8	41.5	62.3

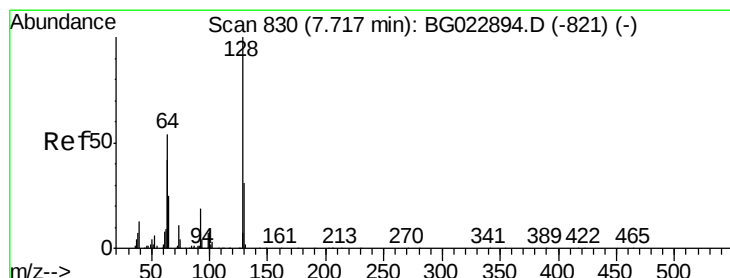
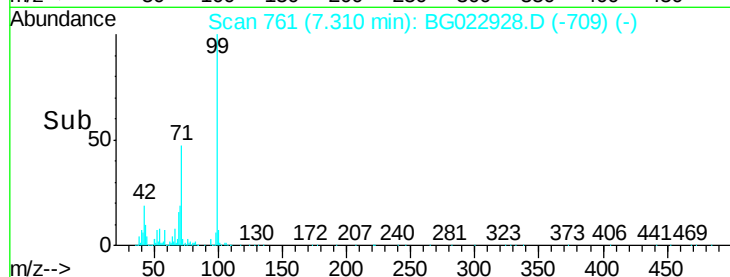


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 26.69 ng

RT: 7.72 min Scan# 830

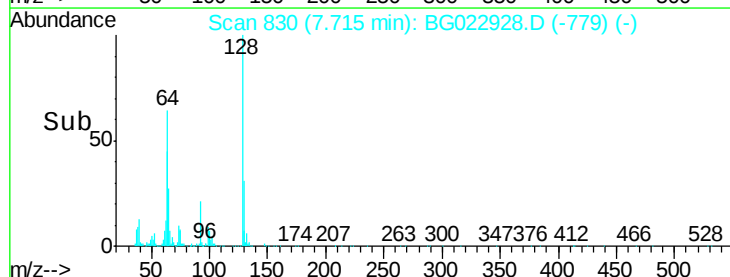
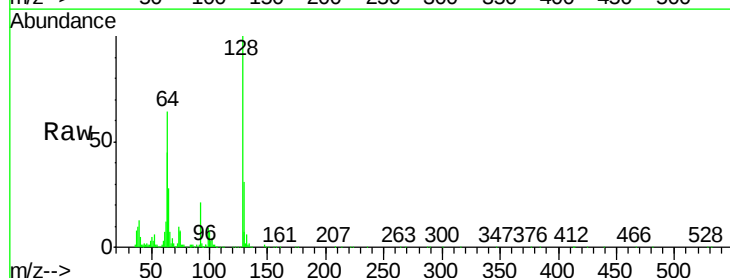
Delta R.T. -0.00 min

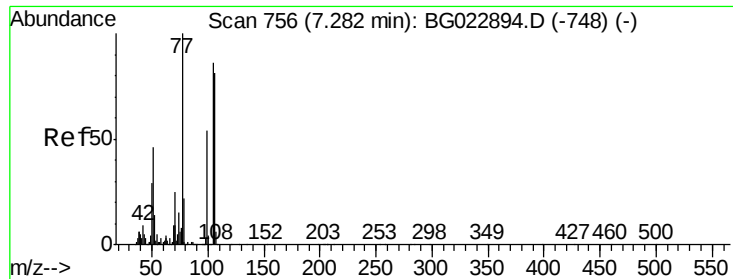
Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Tgt Ion:128 Resp: 184916

Ion	Ratio	Lower	Upper
128	100		
130	30.8	12.9	52.9
64	64.3	42.0	82.0





#9

Benzaldehyde

Concen: 22.89 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampled :

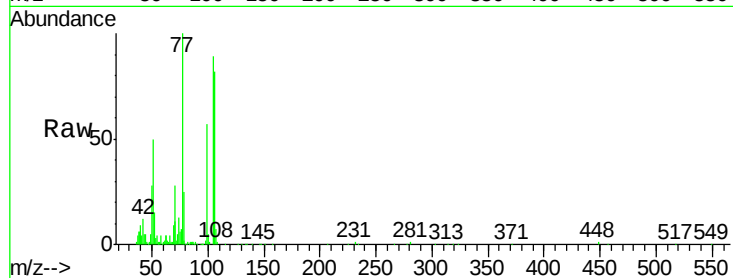
Tot Ion: 77 Resp: 155917

Ion Ratio Lower Upper

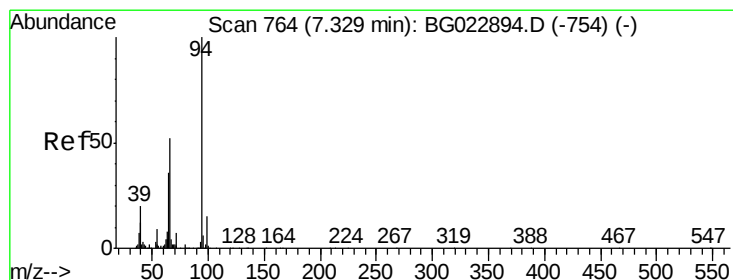
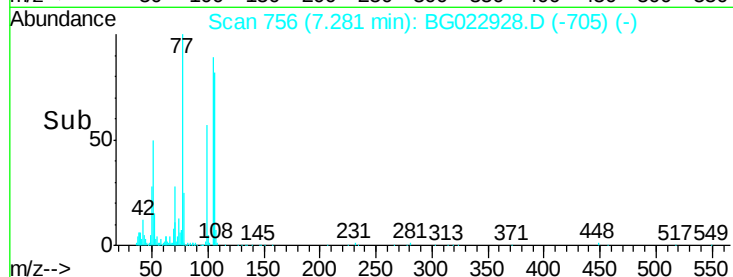
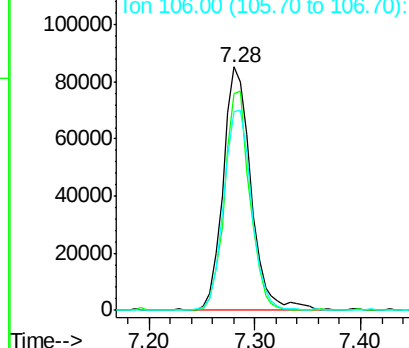
77 100

105 89.1 58.7 98.7

106 81.8 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: 29.46 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

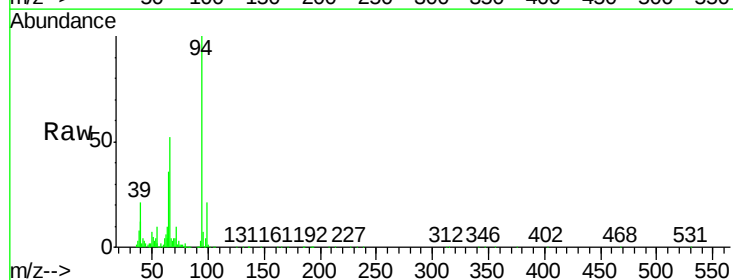
Tgt Ion: 94 Resp: 309054

Ion Ratio Lower Upper

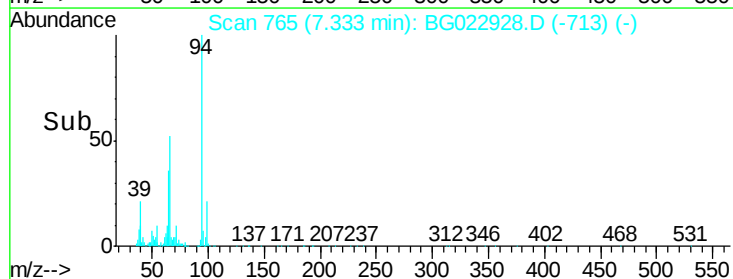
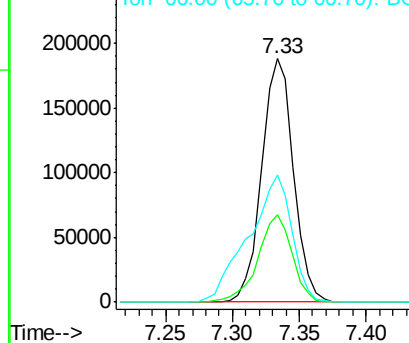
94 100

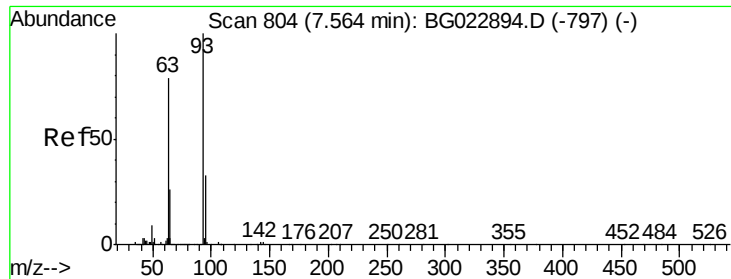
65 35.8 18.1 58.1

66 52.2 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

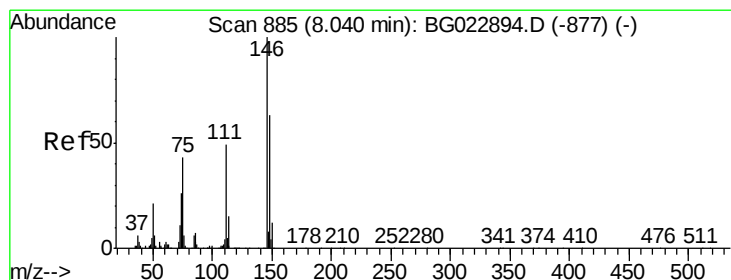
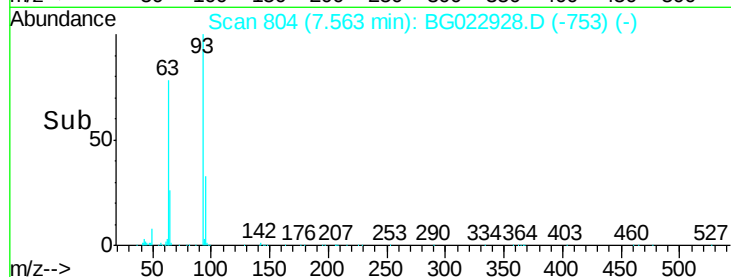
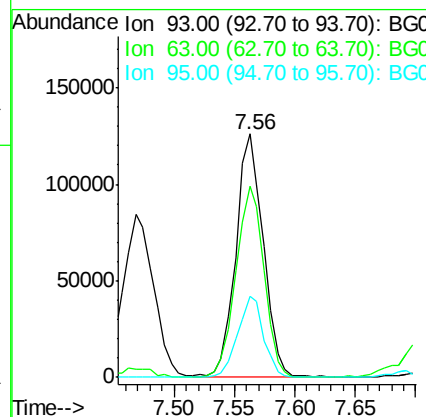
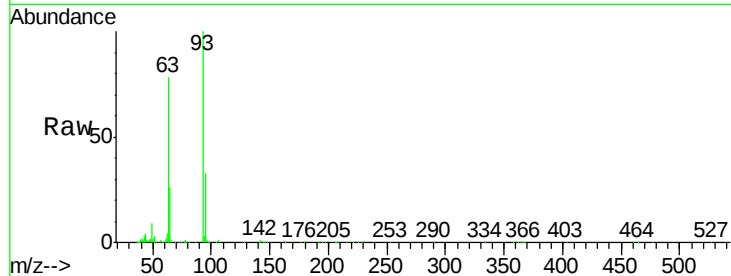




#11
bis(2-Chloroethyl)ether
Concen: 24.15 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

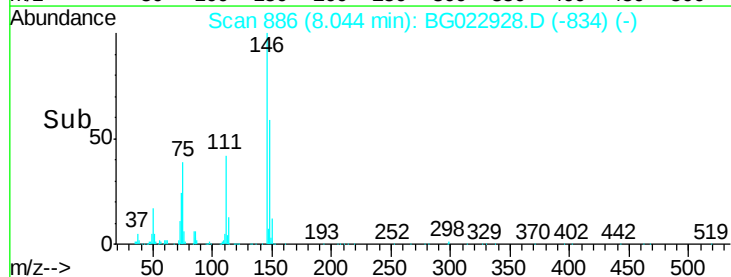
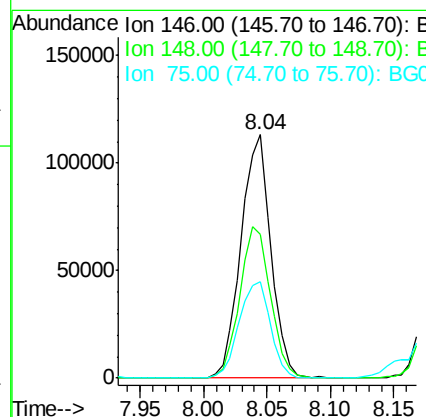
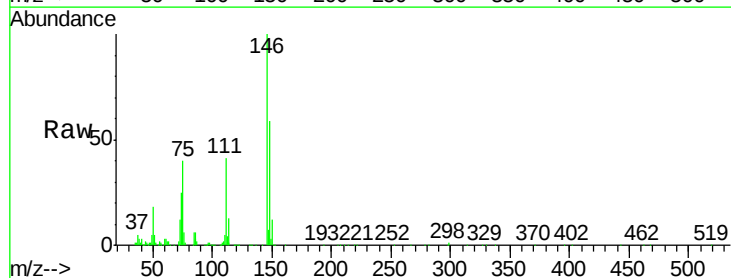
Instrument :
BNA_G
ClientSampleId :

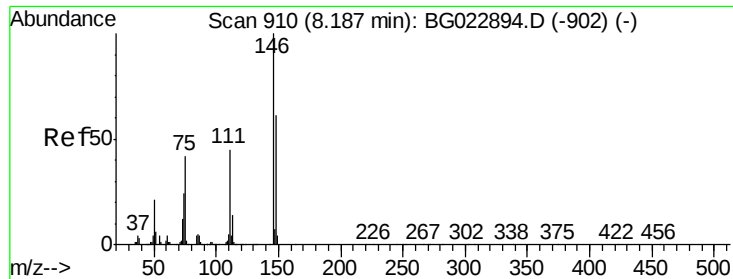
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.4	55.0	95.0
95	33.1	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 21.79 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.1	50.3	75.5
75	39.9	37.0	55.6

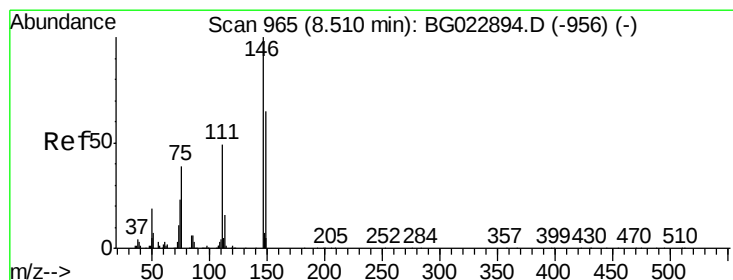
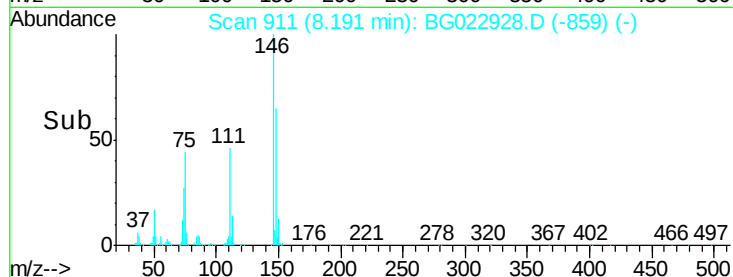
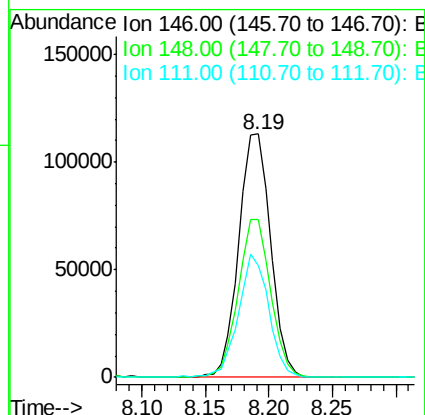
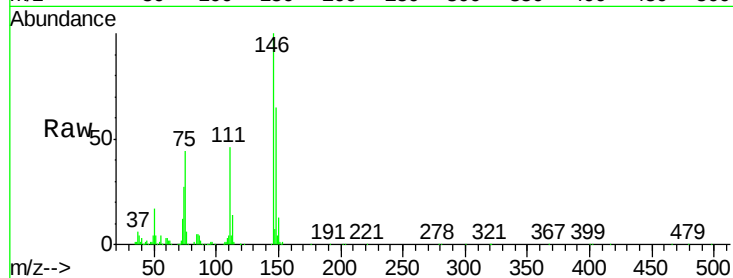




#13
1,4-Dichlorobenzene
Concen: 23.32 ng
RT: 8.19 min Scan# 911
Delta R.T. 0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

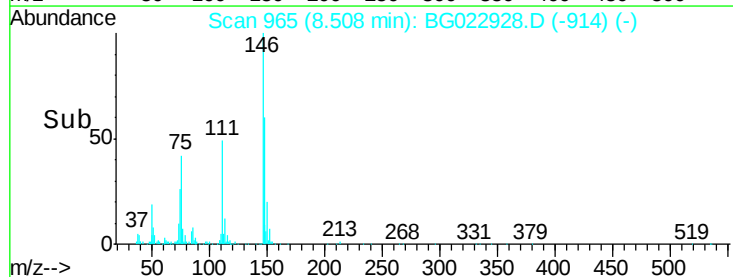
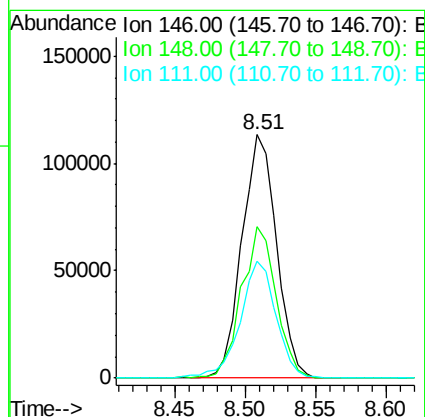
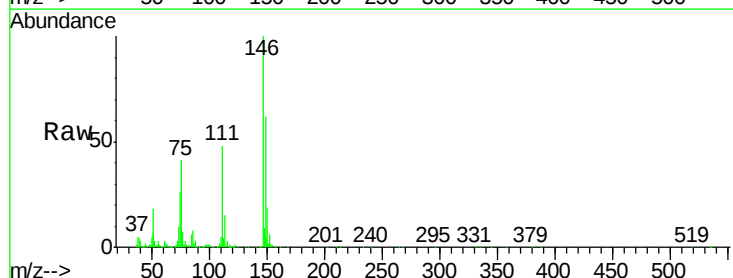
Instrument :
BNA_G
ClientSampleId :

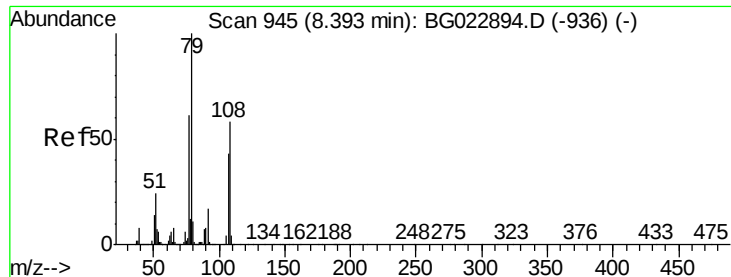
Tot Ion:146 Resp: 197946
Ion Ratio Lower Upper
146 100
148 64.6 54.5 81.7
111 46.1 37.8 56.8



#14
1,2-Dichlorobenzene
Concen: 23.00 ng
RT: 8.51 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Tgt Ion:146 Resp: 194138
Ion Ratio Lower Upper
146 100
148 62.3 52.9 79.3
111 47.8 43.5 65.3





#15

Benzyl Alcohol

Concen: 26.95 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

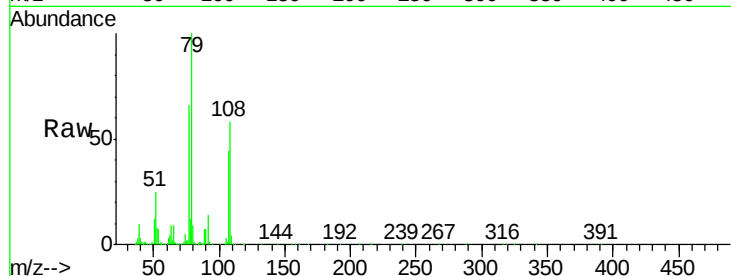
Tot Ion: 79 Resp: 251625

Ion Ratio Lower Upper

79 100

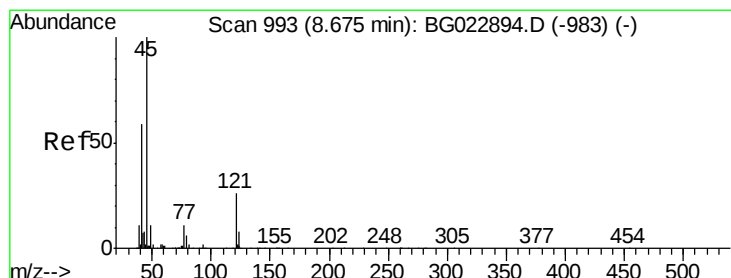
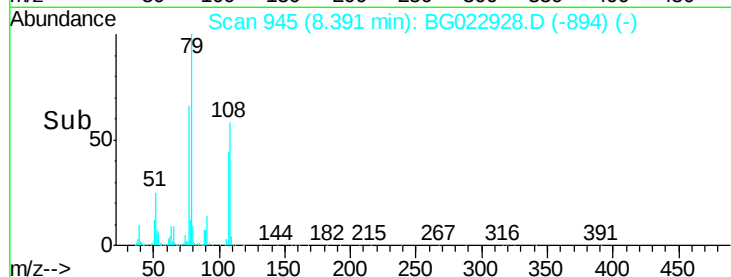
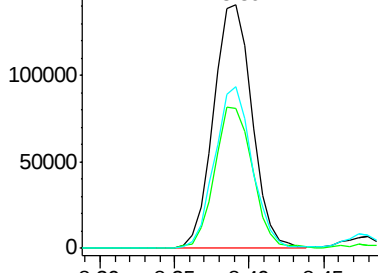
108 57.6 46.5 69.7

77 66.2 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

8.39



#16

2,2'-oxybis(1-chloropropane)

Concen: 22.69 ng

RT: 8.68 min Scan# 995

Delta R.T. 0.01 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

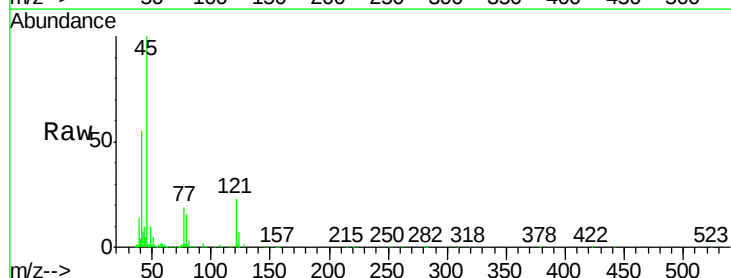
Tgt Ion: 45 Resp: 230402

Ion Ratio Lower Upper

45 100

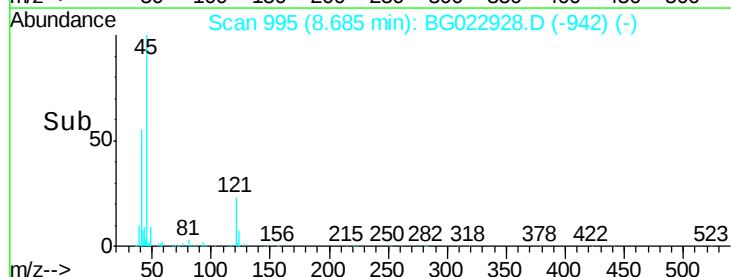
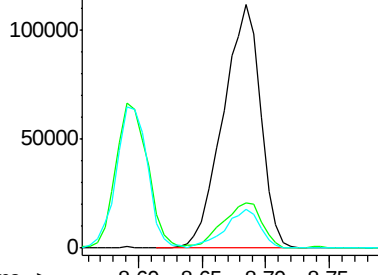
77 18.7 0.6 40.6

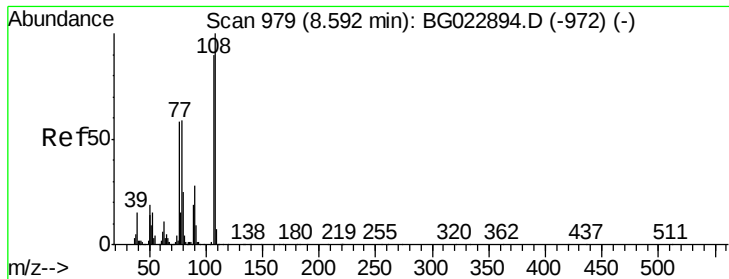
79 16.0 0.0 36.2



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

8.68





#17

2-Methylphenol

Concen: 27.05 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 184702

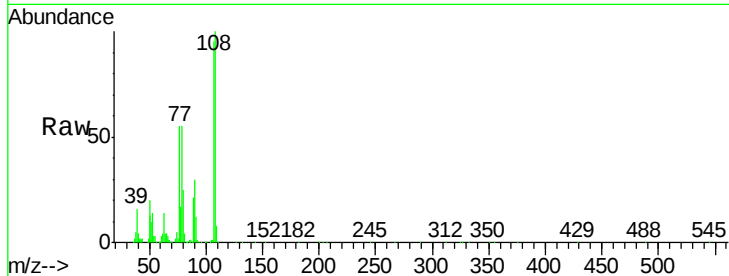
Ion Ratio Lower Upper

107 100

108 105.3 92.0 138.0

77 57.8 55.8 83.6

79 58.2 55.0 82.6

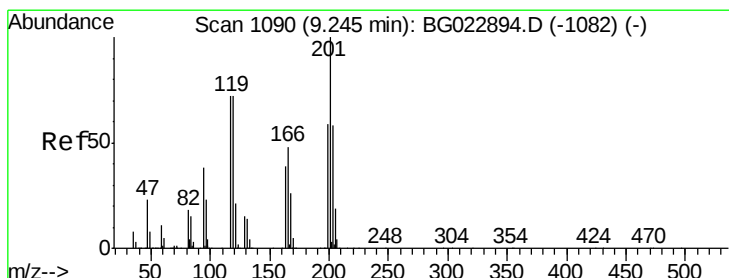
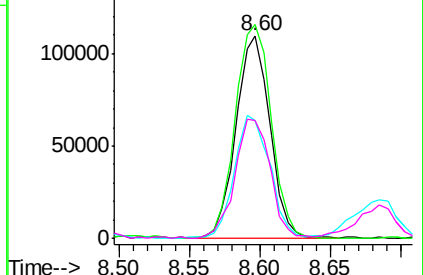
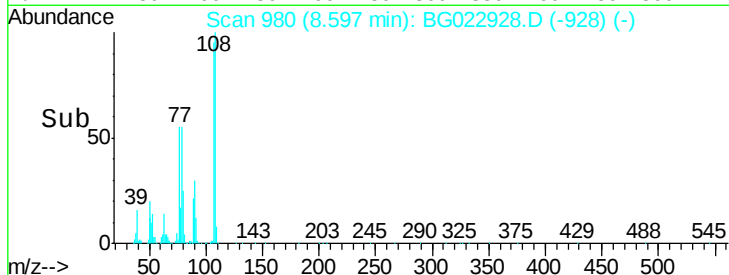


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 22.27 ng

RT: 9.25 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

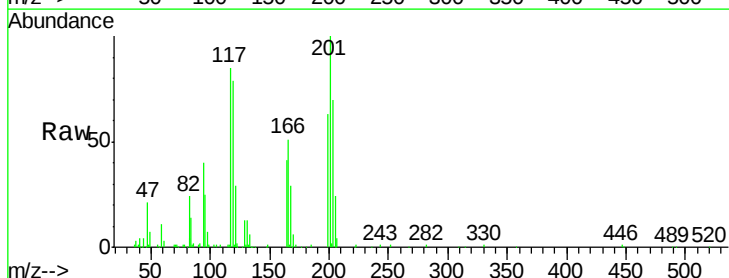
Tgt Ion:117 Resp: 79820

Ion Ratio Lower Upper

117 100

119 93.8 73.7 110.5

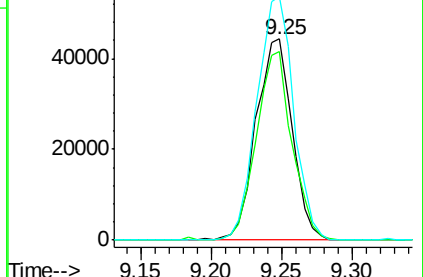
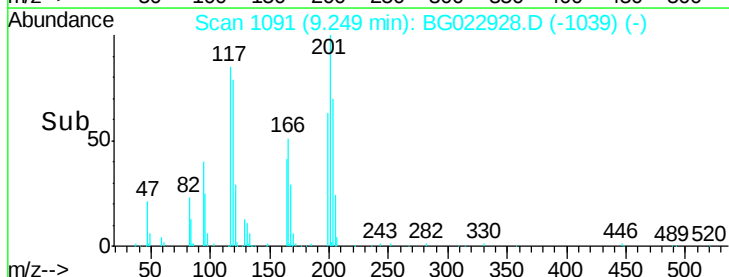
201 121.0 88.7 133.1

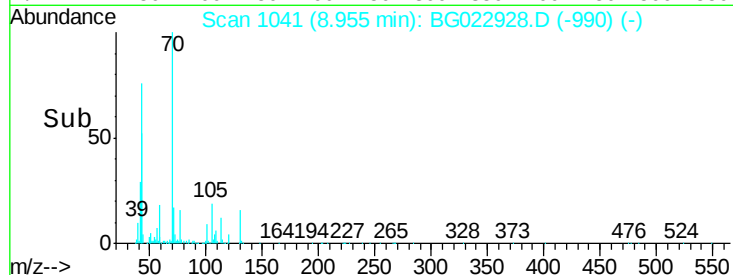
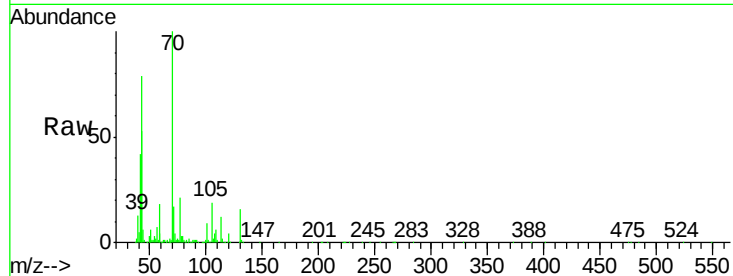
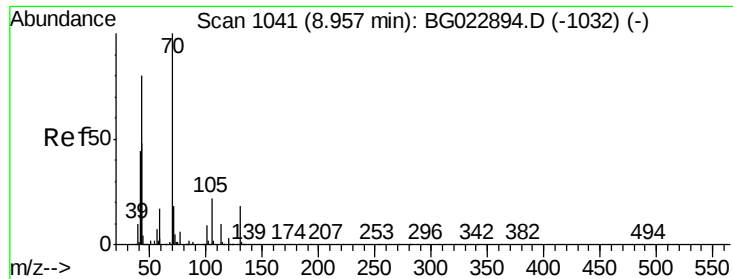


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

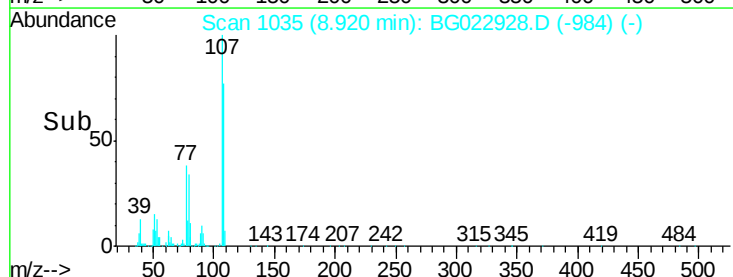
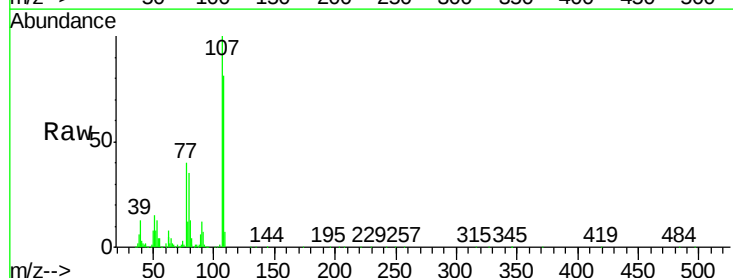
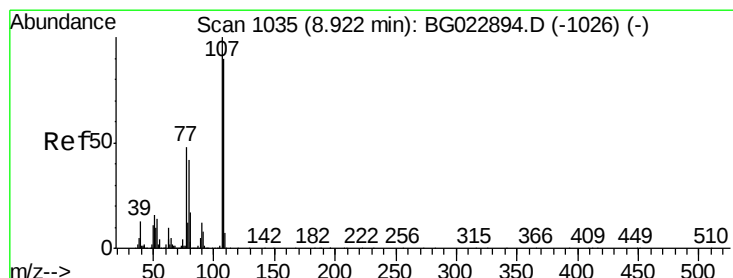
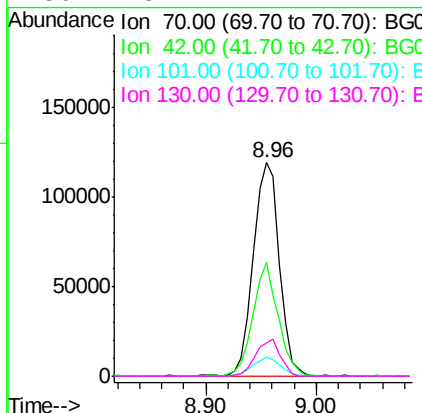




#19
n-Nitroso-di-n-propylamine
Concen: 21.55 ng
RT: 8.96 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

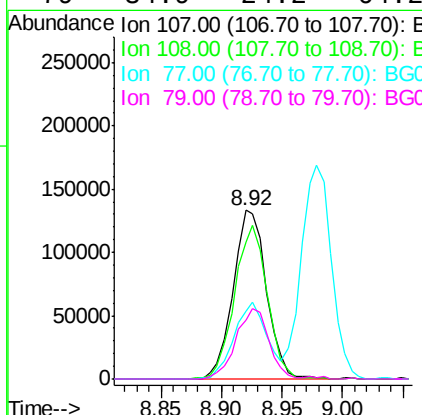
Instrument :
BNA_G
ClientSampleId :

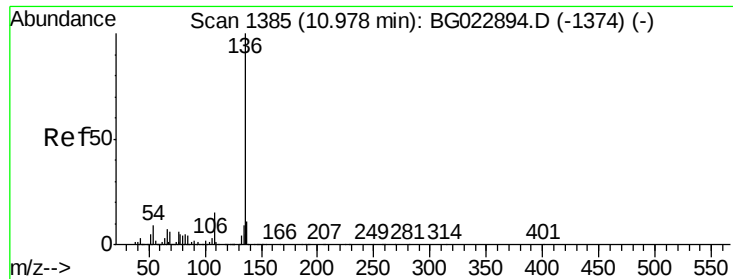
Tot Ion:	70	Resp:	198024
Ion	Ratio	Lower	Upper
70	100		
42	53.4	42.1	63.1
101	9.1	7.2	10.8
130	15.7	14.2	21.2



#20
3+4-Methylphenols
Concen: 26.98 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Tgt Ion:	107	Resp:	256988
Ion	Ratio	Lower	Upper
107	100		
108	81.1	72.5	112.5
77	40.2	30.1	70.1
79	34.9	24.2	64.2

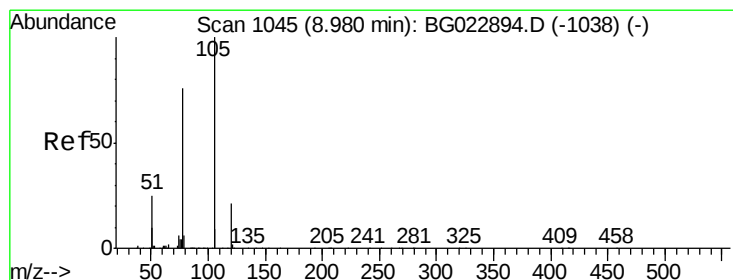
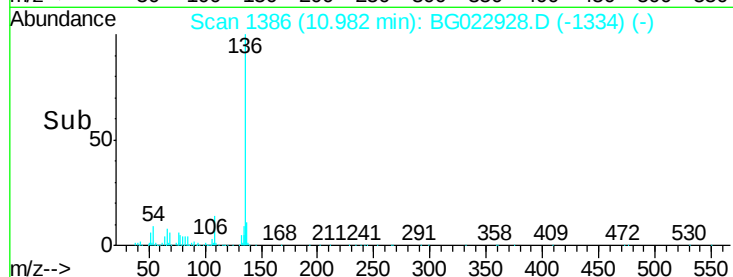
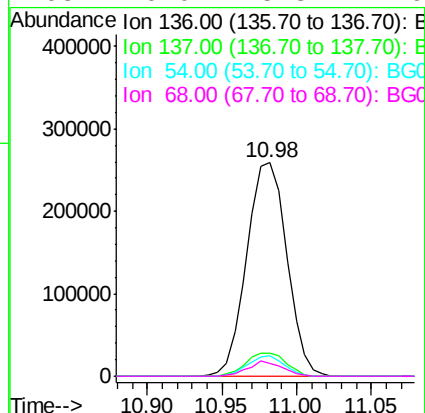
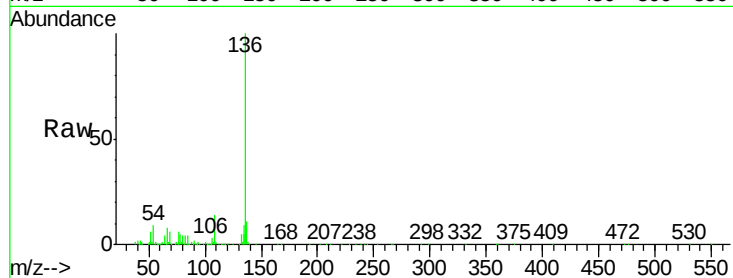




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

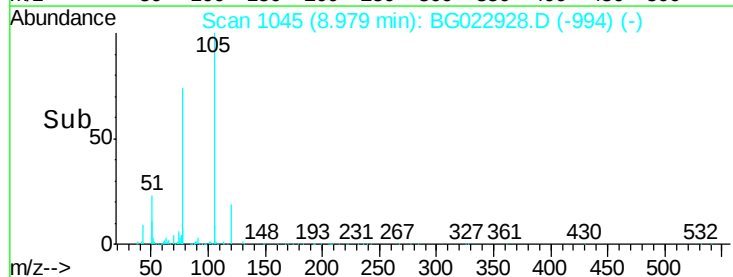
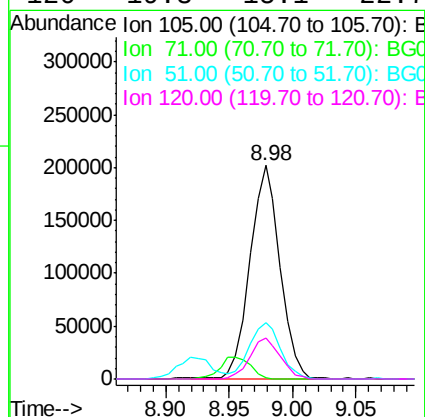
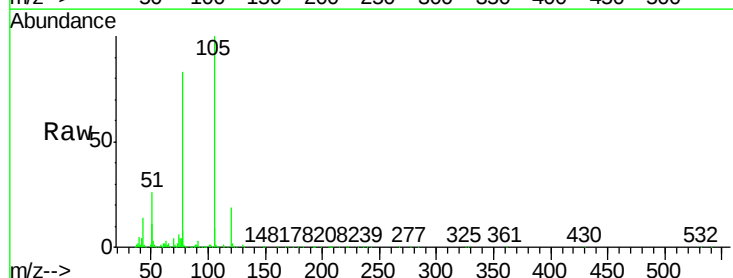
Instrument :
BNA_G
ClientSampleId :

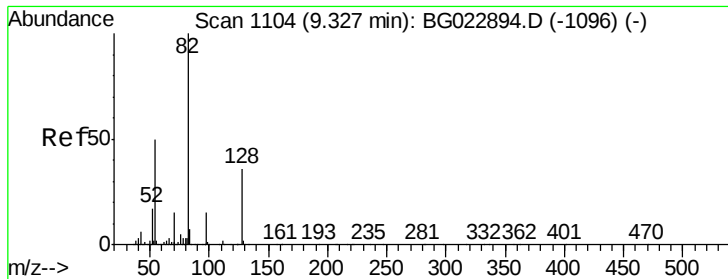
Tot Ion:136	Resp:	482227	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	9.6	14.4	
54 9.3	7.3	10.9	
68 6.0	5.3	7.9	



#22
Acetophenone
Concen: 22.87 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Tgt	Ion:105	Resp:	331017
Ion	Ratio	Lower	Upper
105	100		
71	0.8	2.6	3.8#
51	26.1	27.1	40.7#
120	19.3	15.1	22.7

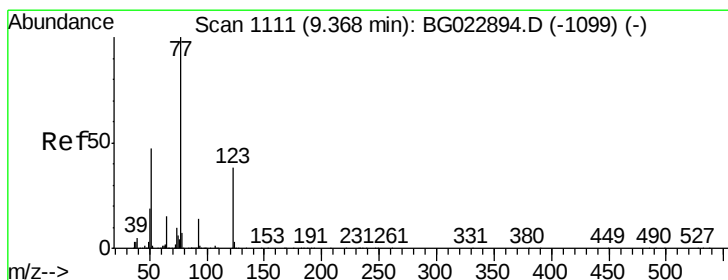
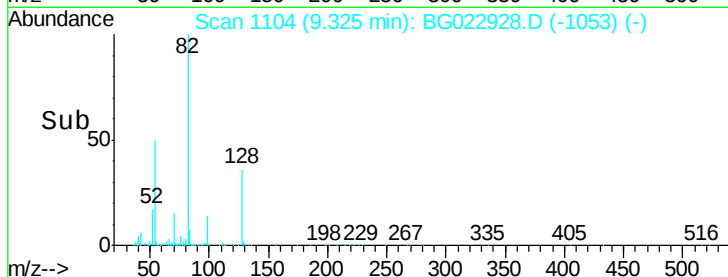
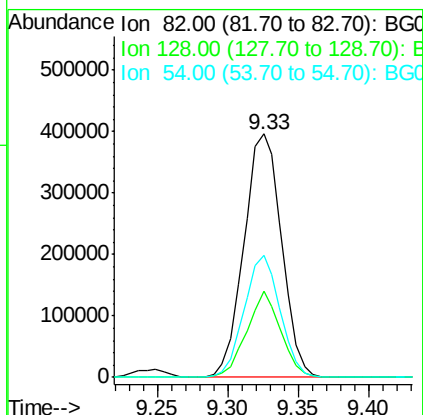
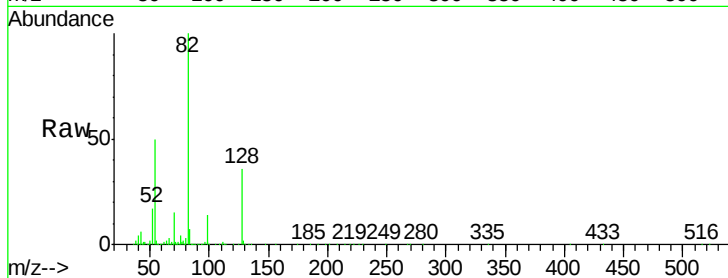




#23
 Nitrobenzene-d5
 Concen: 65.60 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

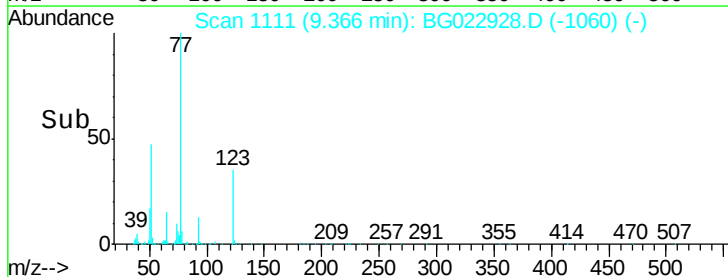
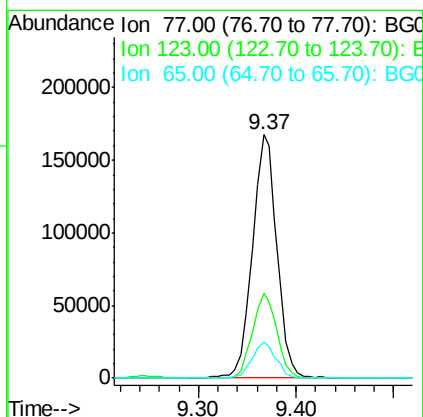
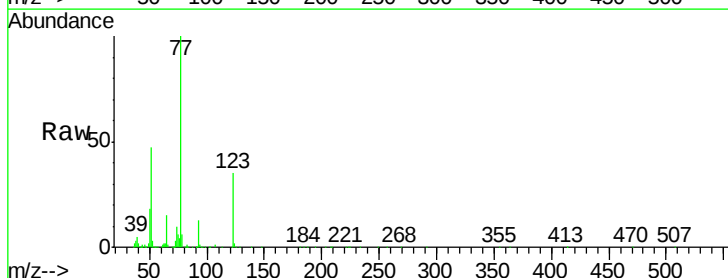
Instrument :
 BNA_G
 ClientSampleId :

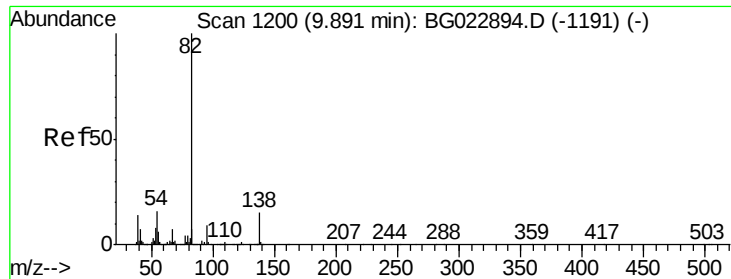
Tot Ion: 82 Resp: 738835
 Ion Ratio Lower Upper
 82 100
 128 35.5 24.4 36.6
 54 50.2 41.4 62.0



#24
 Nitrobenzene
 Concen: 24.68 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

Tgt Ion: 77 Resp: 295370
 Ion Ratio Lower Upper
 77 100
 123 34.6 25.0 37.6
 65 14.9 13.4 20.0





#25

Isophorone

Concen: 23.44 ng

RT: 9.88 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

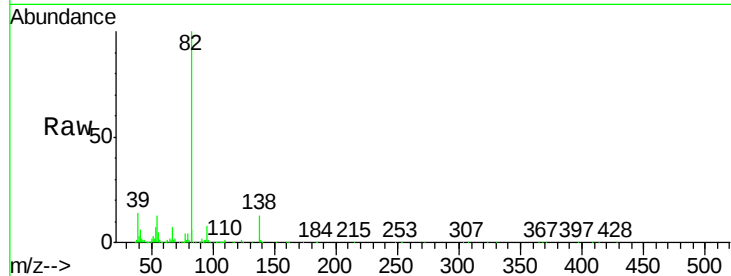
Tot Ion: 82 Resp: 530957

Ion Ratio Lower Upper

82 100

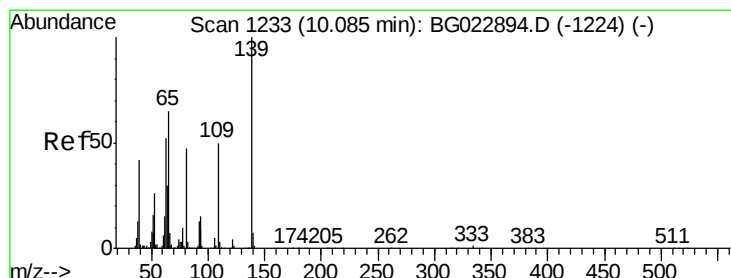
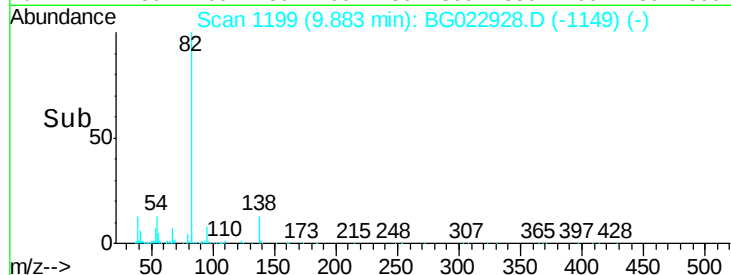
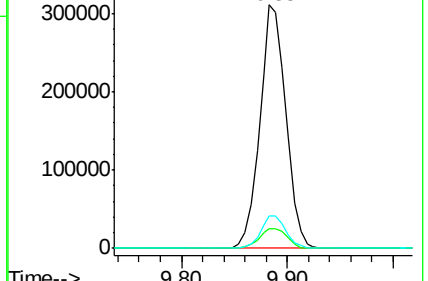
95 8.2 8.2 12.2

138 13.3 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

9.88



#26

2-Nitrophenol

Concen: 24.45 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

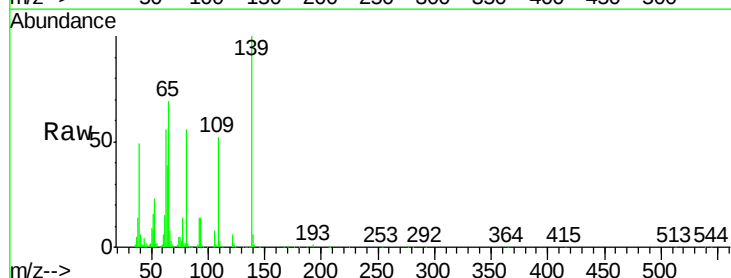
Tgt Ion: 139 Resp: 114809

Ion Ratio Lower Upper

139 100

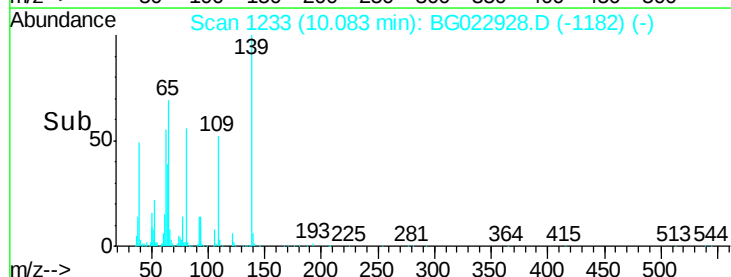
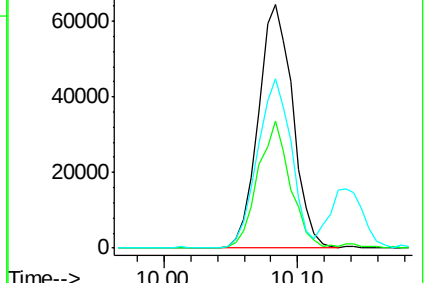
109 52.0 43.5 65.3

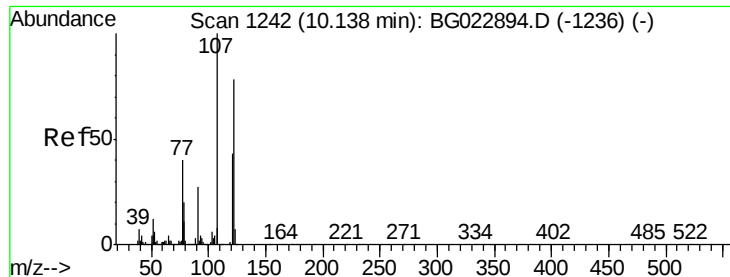
65 69.3 64.3 96.5



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

10.08

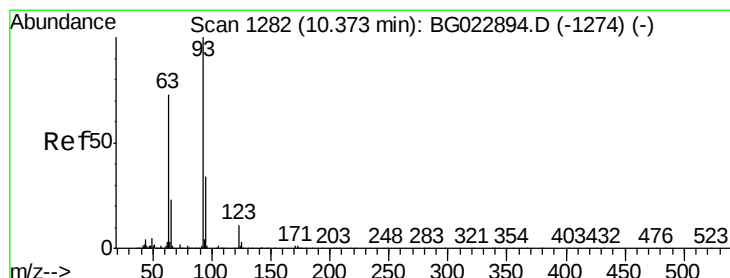
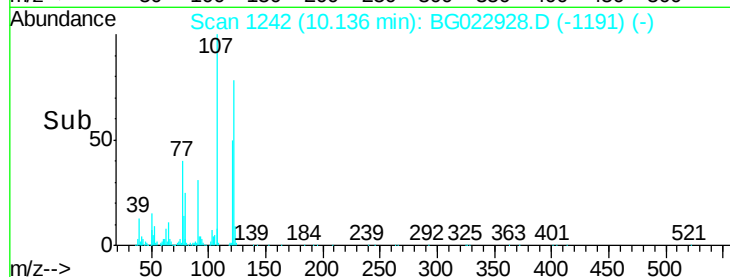
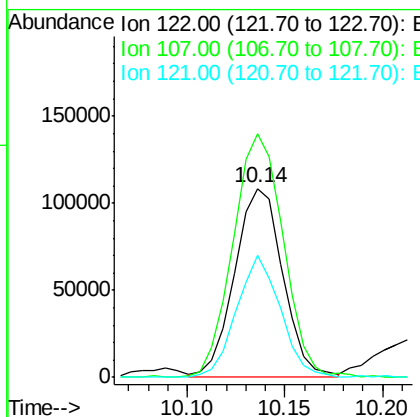
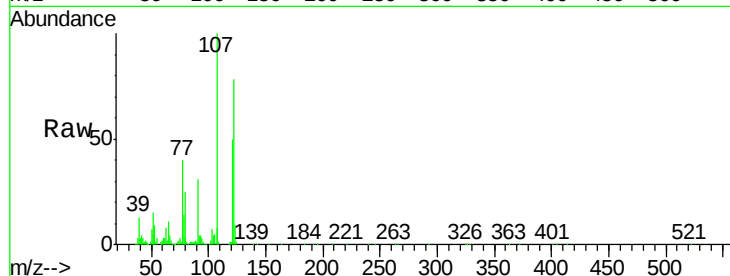




#27
2,4-Dimethylphenol
Concen: 22.85 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

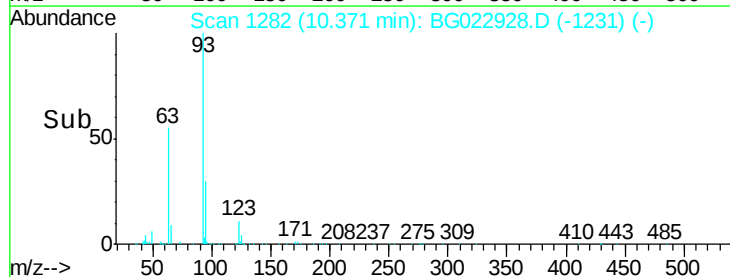
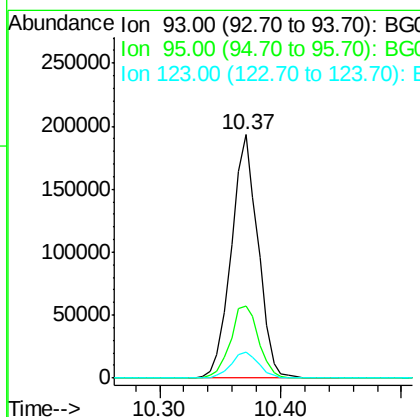
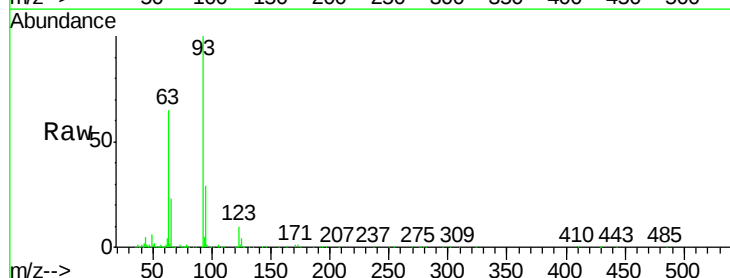
Instrument :
BNA_G
ClientSampleId :

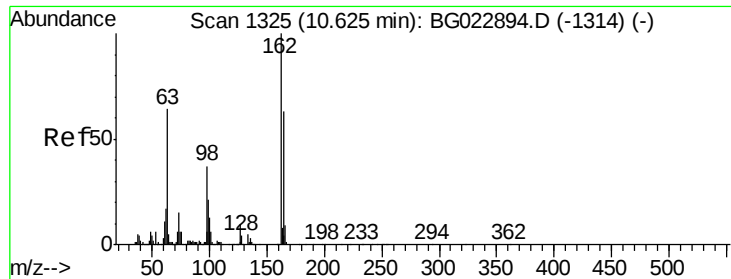
Tot Ion:122 Resp: 185484
Ion Ratio Lower Upper
122 100
107 128.9 117.0 175.4
121 64.5 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 23.55 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Tgt Ion: 93 Resp: 297506
Ion Ratio Lower Upper
93 100
95 29.4 25.4 38.2
123 10.4 8.2 12.2

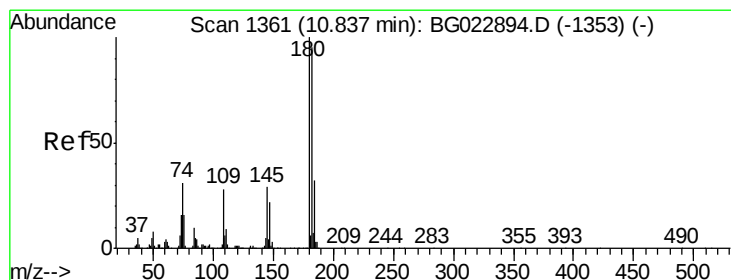
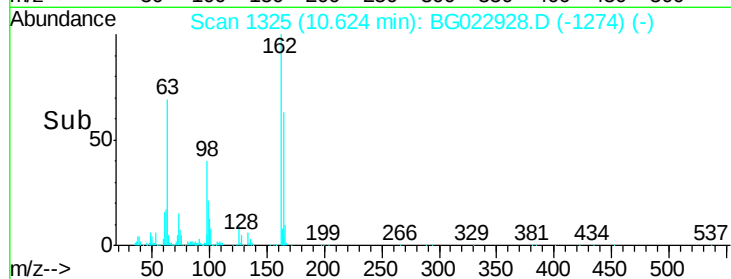
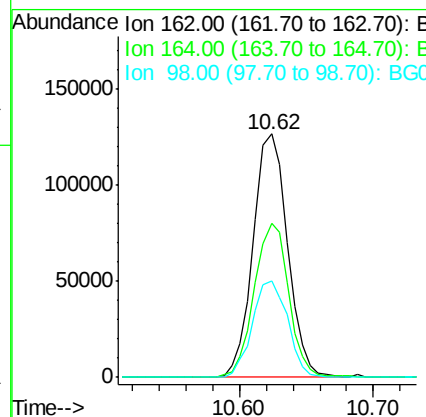
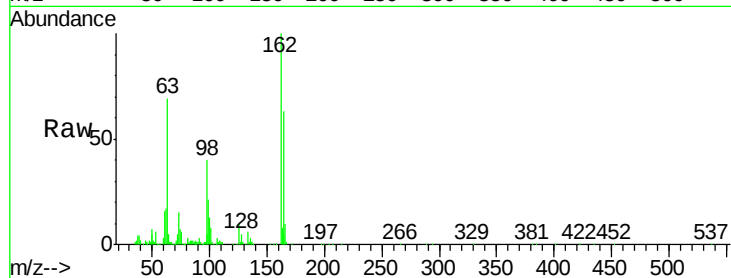




#29
 2,4-Dichlorophenol
 Concen: 26.07 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

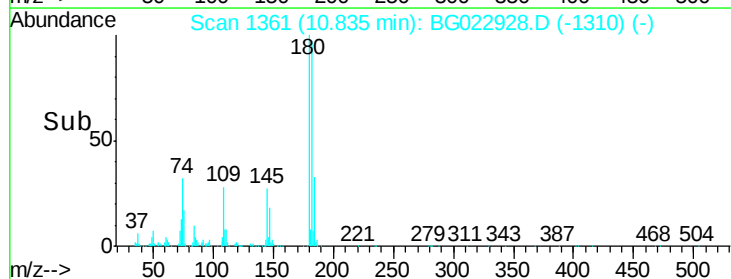
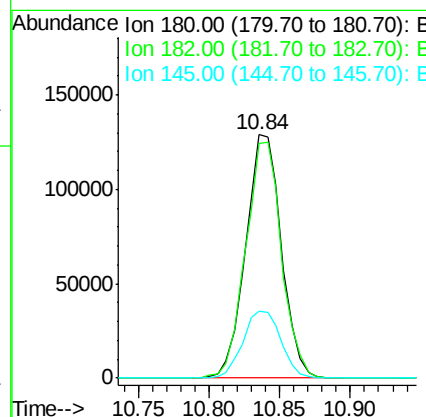
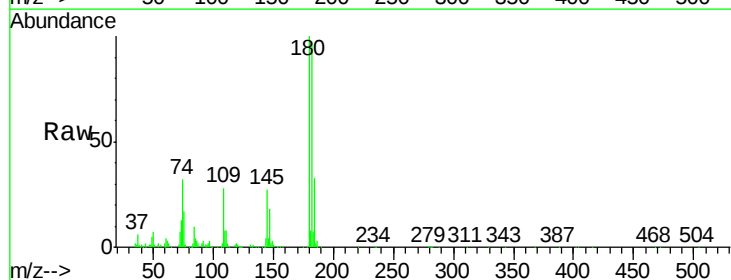
Instrument :
 BNA_G
 ClientSampleId :

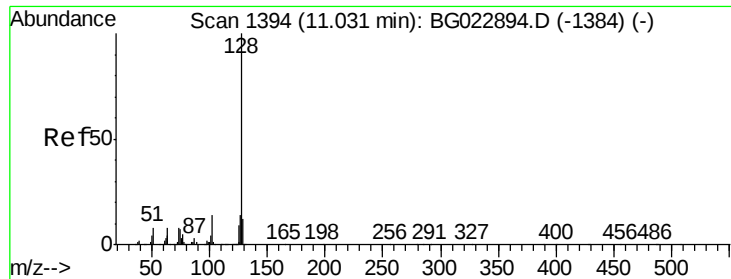
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.3	84.3
98	39.8	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 22.94 ng
 RT: 10.84 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	73.8	110.8
145	27.4	24.4	36.6

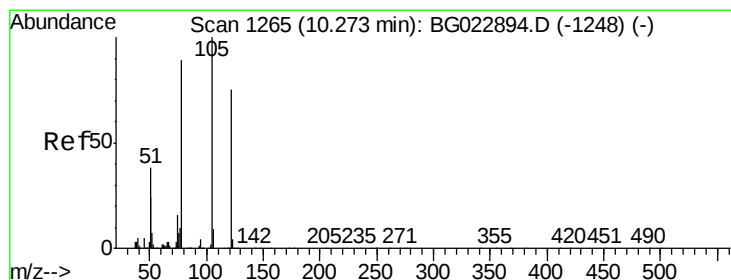
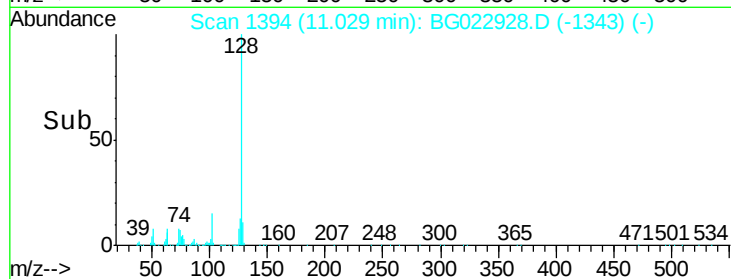
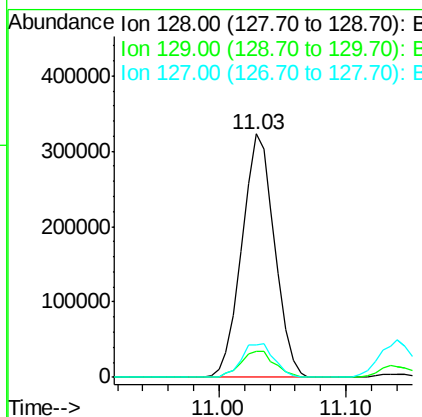
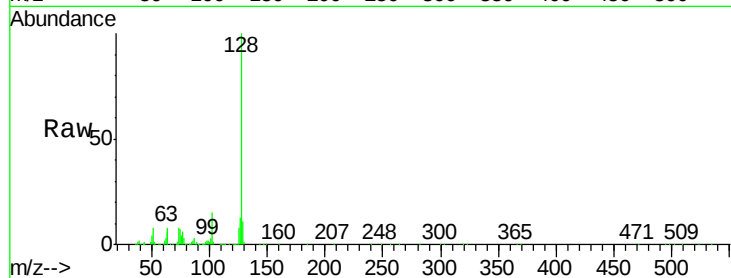




#31
Naphthalene
Concen: 23.46 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

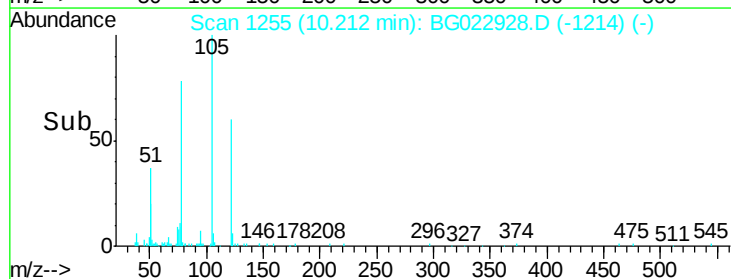
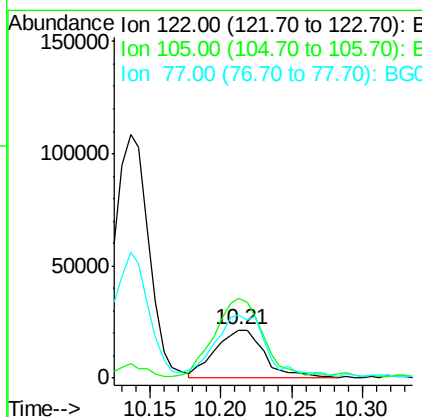
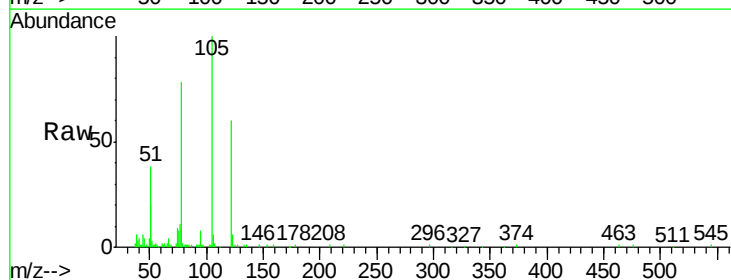
Instrument :
BNA_G
ClientSampleId :

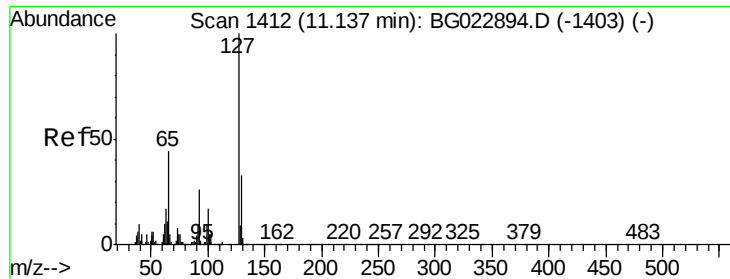
Tot Ion:128 Resp: 575825
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.0
127 13.5 11.3 16.9



#32
Benzoic acid
Concen: 6.90 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.06 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Tgt Ion:122 Resp: 50950
Ion Ratio Lower Upper
122 100
105 165.4 117.2 157.2#
77 129.4 109.2 149.2

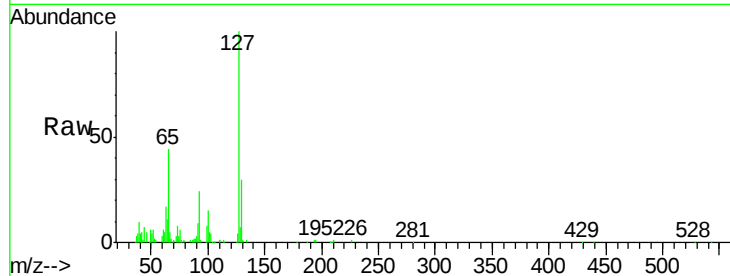




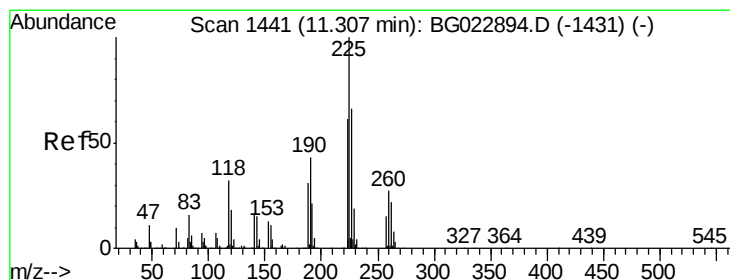
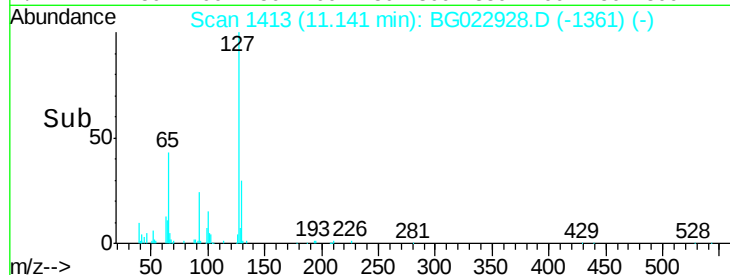
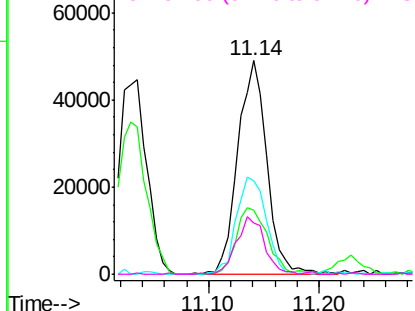
#33
4-Chloroaniline
Concen: 7.58 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 90936
Ion Ratio Lower Upper
127 100
129 29.7 27.9 41.9
65 43.6 36.8 55.2
92 23.7 21.0 31.6

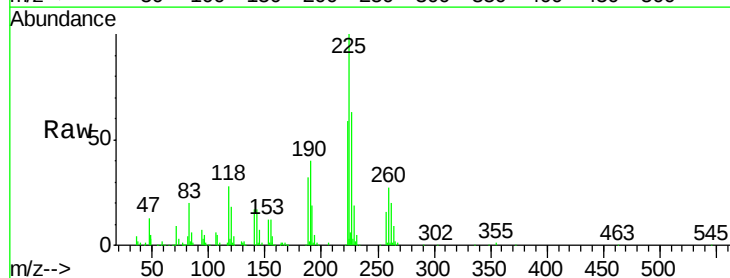


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

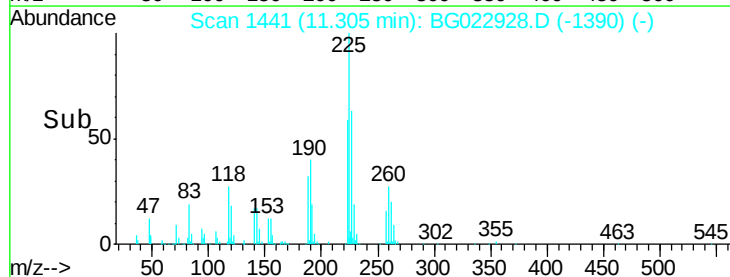
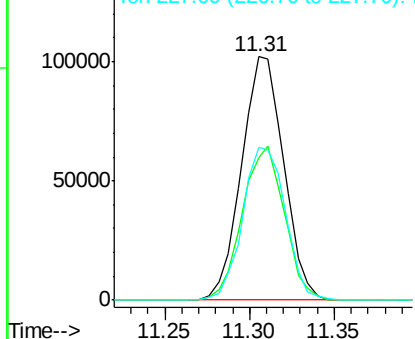


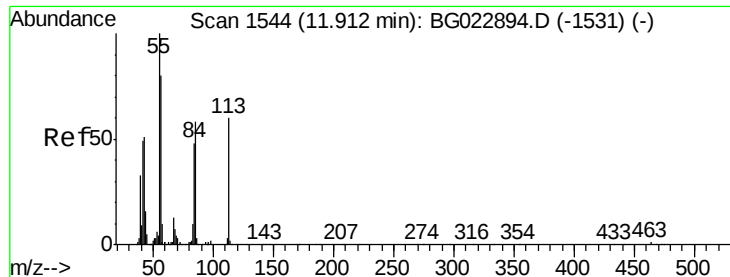
#34
Hexachlorobutadiene
Concen: 22.06 ng
RT: 11.31 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Tgt Ion:225 Resp: 177417
Ion Ratio Lower Upper
225 100
223 55.2 49.6 74.4
227 62.4 54.5 81.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 12.45 ng

RT: 11.90 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

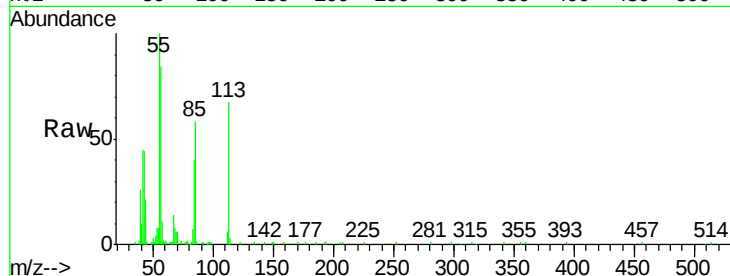
Tot Ion:113 Resp: 44358

Ion Ratio Lower Upper

113 100

55 148.4 154.5 194.5#

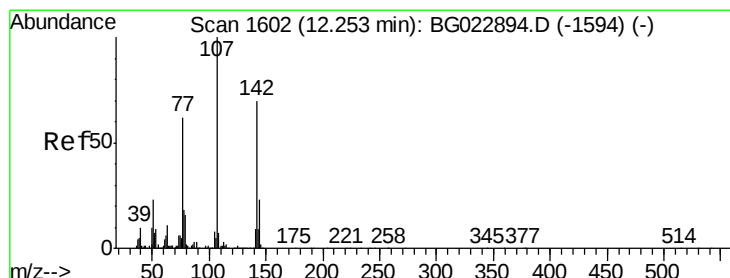
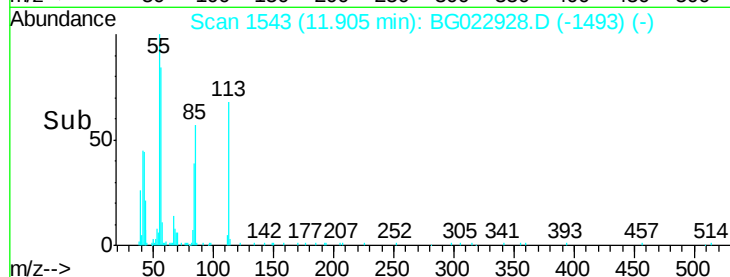
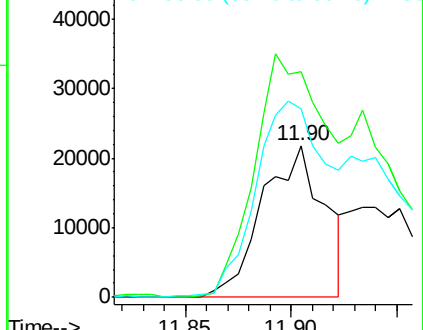
56 124.4 125.1 165.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 24.29 ng

RT: 12.25 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

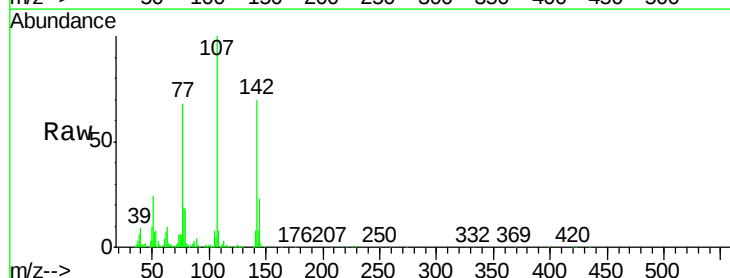
Tgt Ion:107 Resp: 287559

Ion Ratio Lower Upper

107 100

144 23.0 17.0 25.6

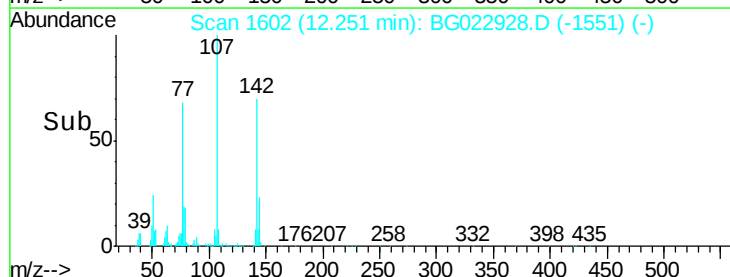
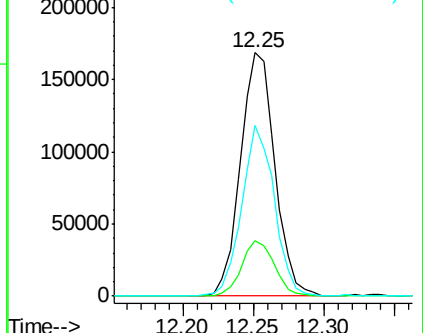
142 70.1 53.0 79.6

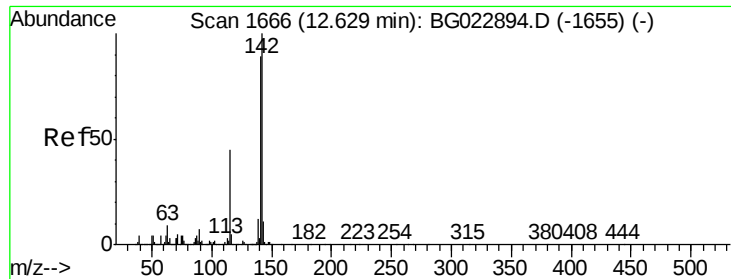


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

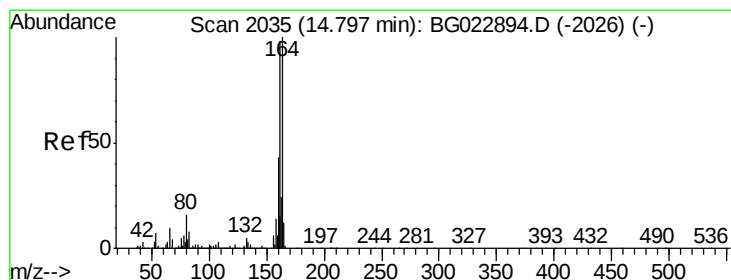
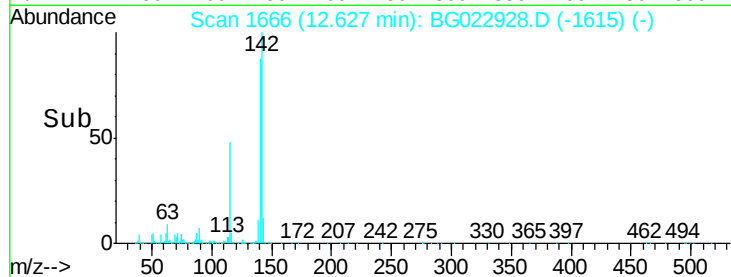
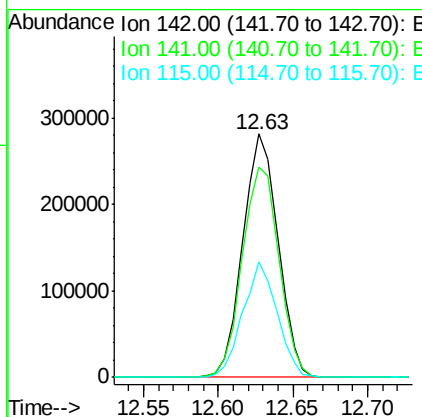
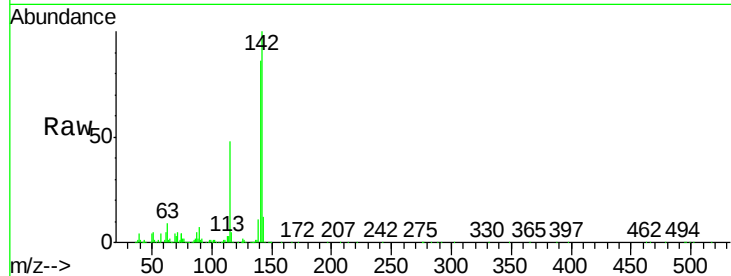




#37
2-Methylnaphthalene
Concen: 23.71 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

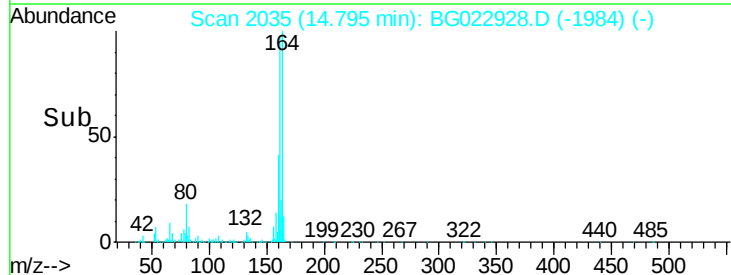
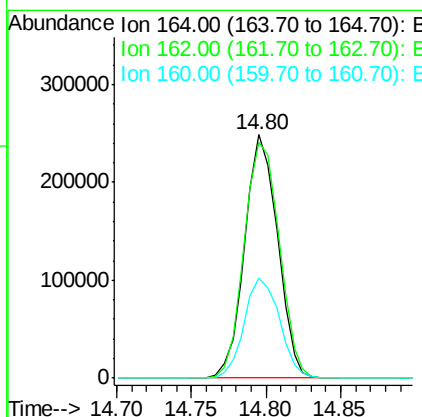
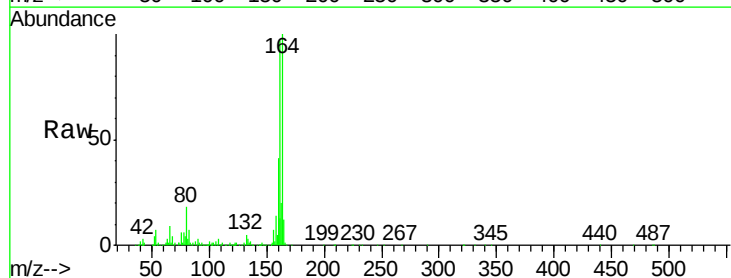
Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 459930
Ion Ratio Lower Upper
142 100
141 86.5 70.2 105.2
115 47.6 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Tgt Ion:164 Resp: 378255
Ion Ratio Lower Upper
164 100
162 96.9 87.7 131.5
160 41.0 37.2 55.8

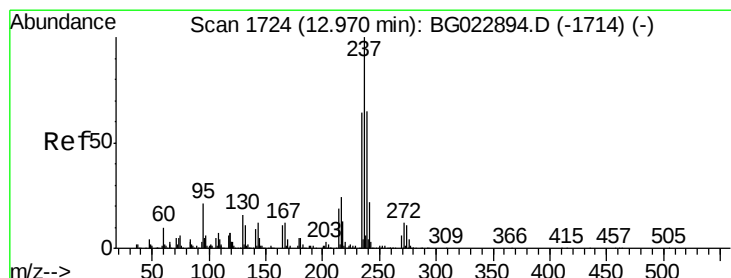
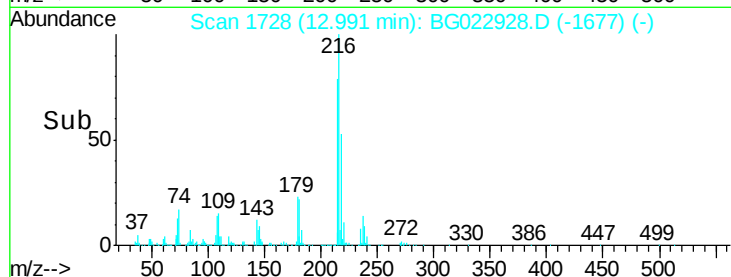
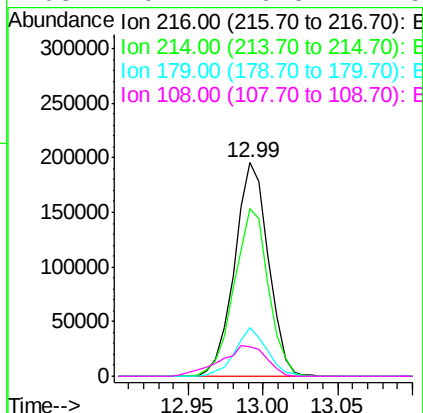
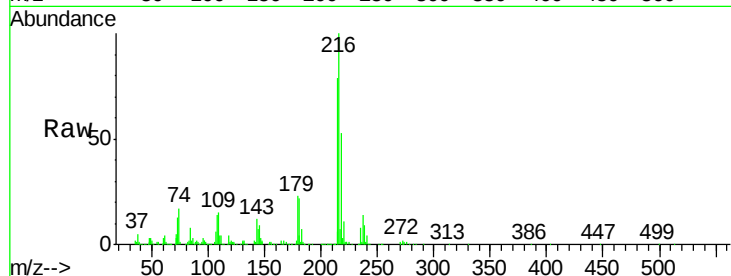




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.83 ng
 RT: 12.99 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

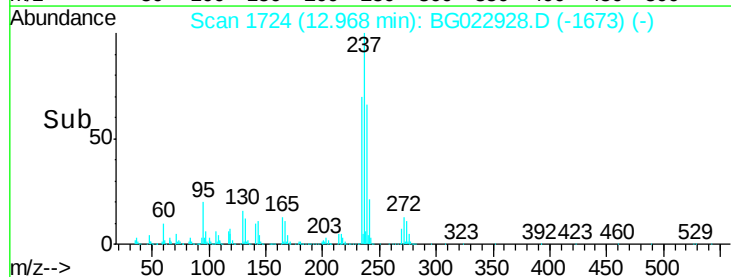
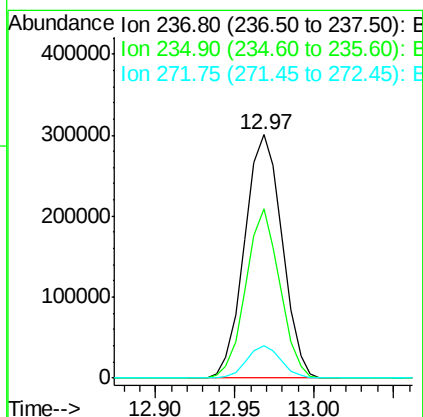
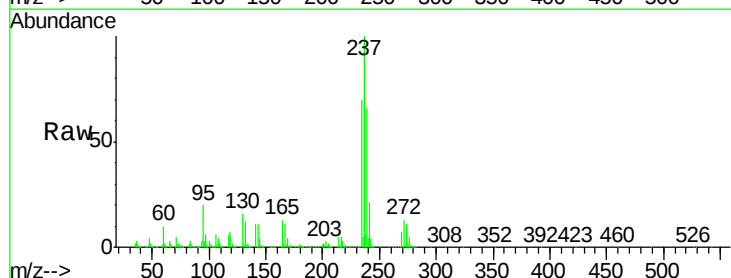
Instrument :
 BNA_G
 ClientSampleId :

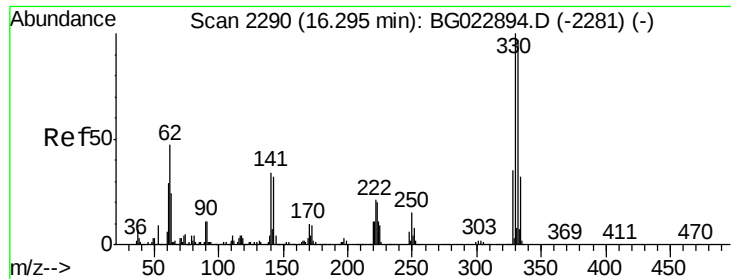
Tot Ion:216	Resp:	306908
Ion Ratio	Lower	Upper
216	100	
214	79.7	62.9 94.3
179	21.4	17.2 25.8
108	19.4	16.3 24.5



#40
 Hexachlorocyclopentadiene
 Concen: 52.79 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

Tgt Ion:237	Resp:	495411
Ion Ratio	Lower	Upper
237	100	
235	69.5	43.1 83.1
272	13.3	0.0 30.9

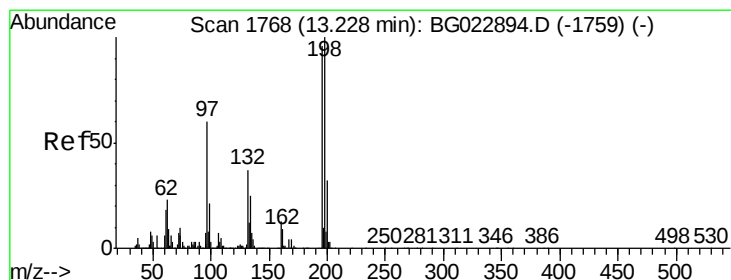
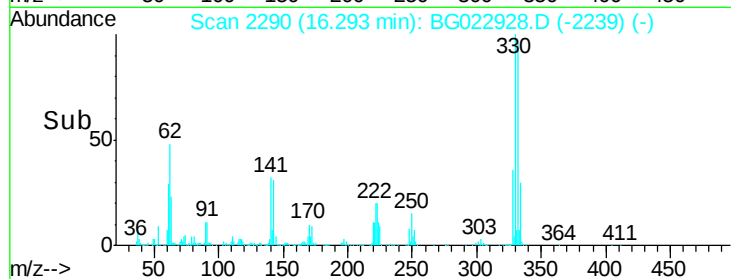
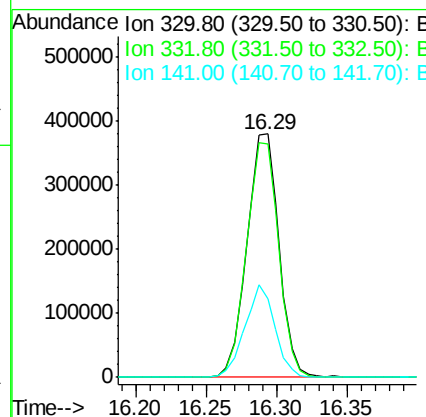
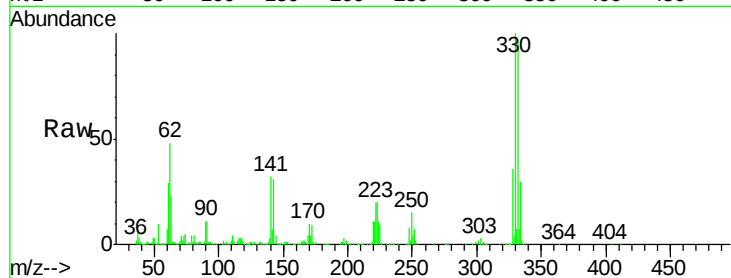




#41
 2,4,6-Tribromophenol
 Concen: 88.72 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

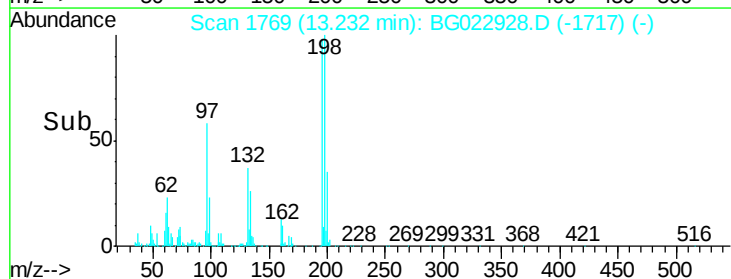
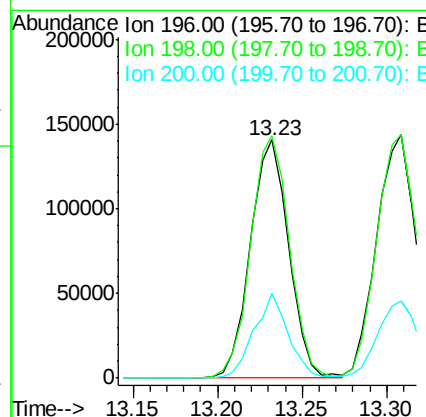
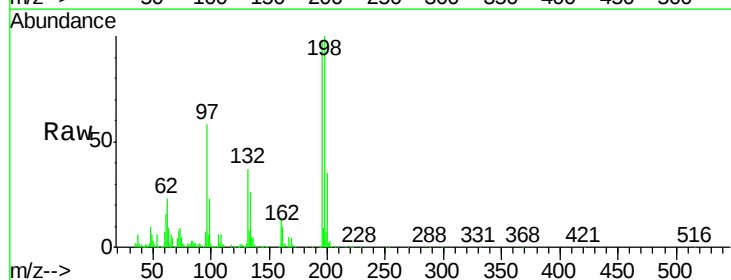
Instrument :
 BNA_G
 ClientSampleId :

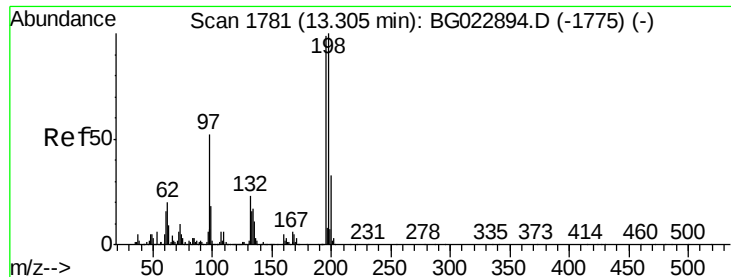
Tot Ion:330 Resp: 603133
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 35.6 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 23.72 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

Tgt Ion:196 Resp: 222279
 Ion Ratio Lower Upper
 196 100
 198 101.6 78.2 117.2
 200 35.4 27.0 40.4

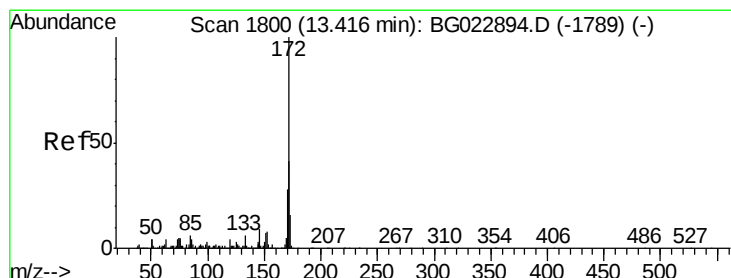
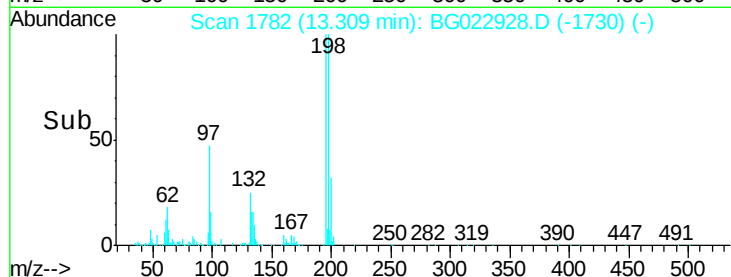
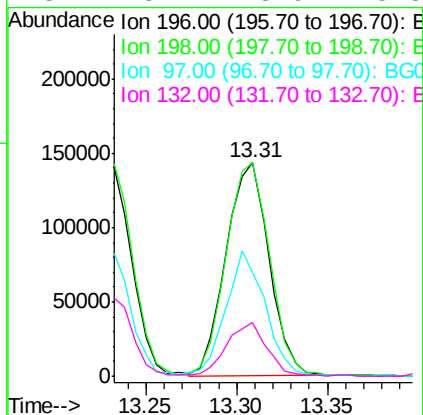
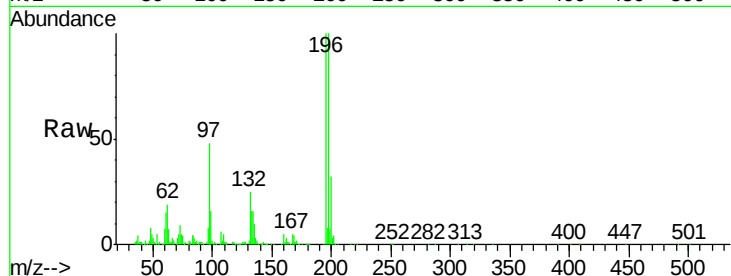




#43
 2,4,5-Trichlorophenol
 Concen: 24.49 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

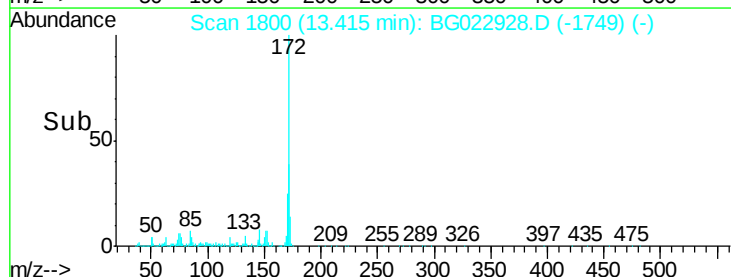
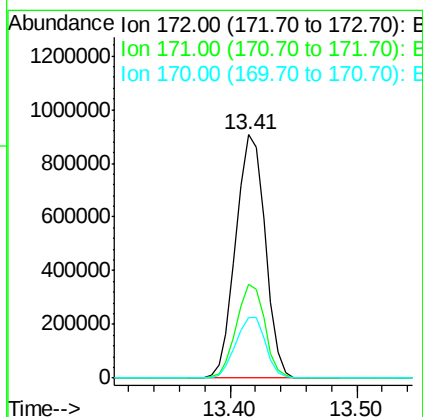
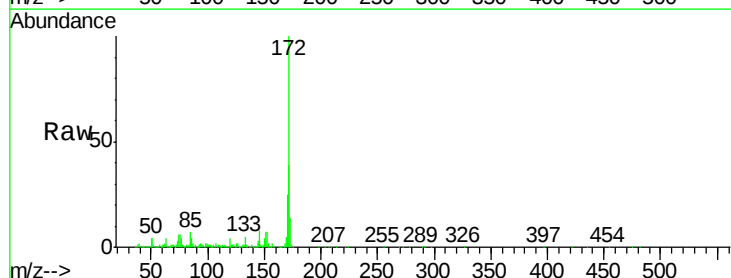
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 235644
 Ion Ratio Lower Upper
 196 100
 198 100.0 85.7 128.5
 97 48.4 45.5 68.3
 132 25.4 18.9 28.3



#44
 2-Fluorobiphenyl
 Concen: 60.67 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

Tgt Ion:172 Resp: 1456861
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.6 47.4
 170 25.1 21.3 31.9





#45

1,1'-Biphenyl

Concen: 23.06 ng

RT: 13.63 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampled :

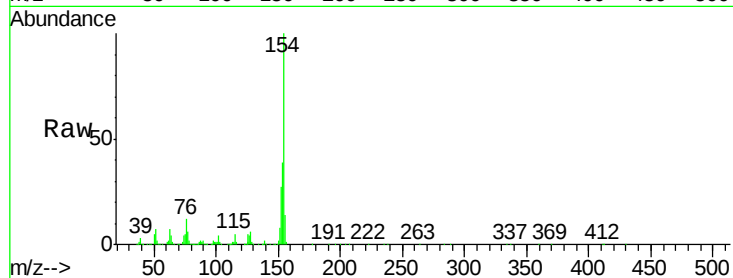
Tot Ion:154 Resp: 654568

Ion Ratio Lower Upper

154 100

153 38.6 20.2 60.2

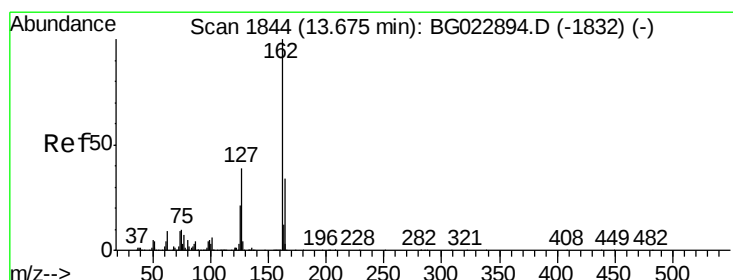
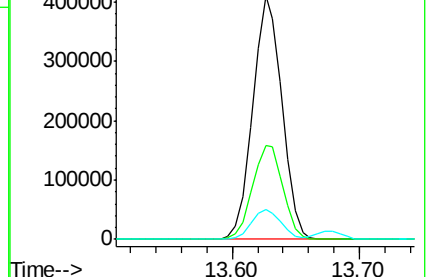
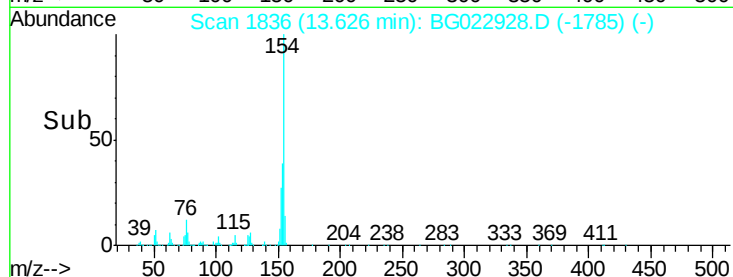
76 12.2 0.0 32.9



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: 23.31 ng

RT: 13.68 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

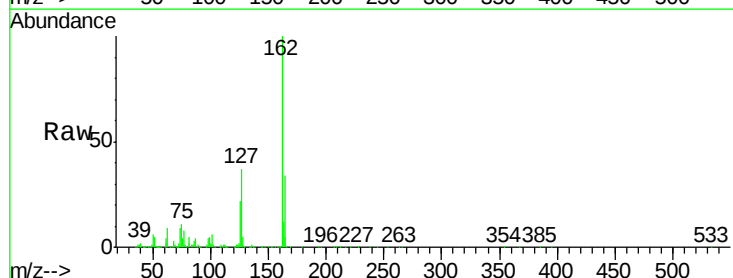
Tgt Ion:162 Resp: 536754

Ion Ratio Lower Upper

162 100

127 37.2 32.4 48.6

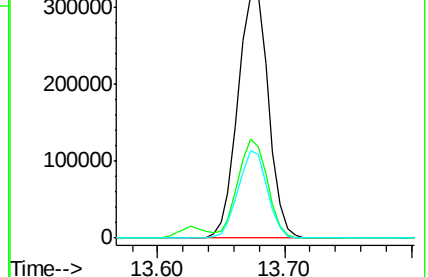
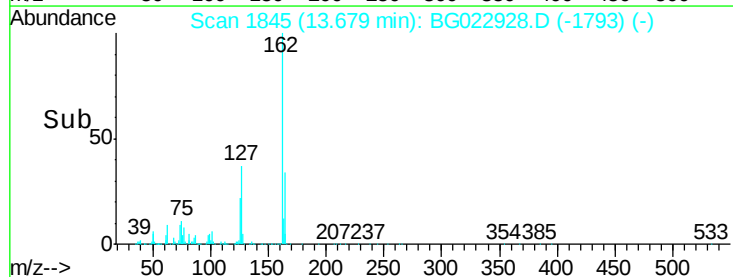
164 34.1 25.2 37.8

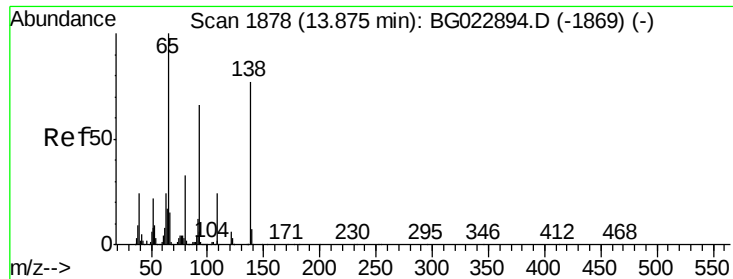


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 23.42 ng

RT: 13.88 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

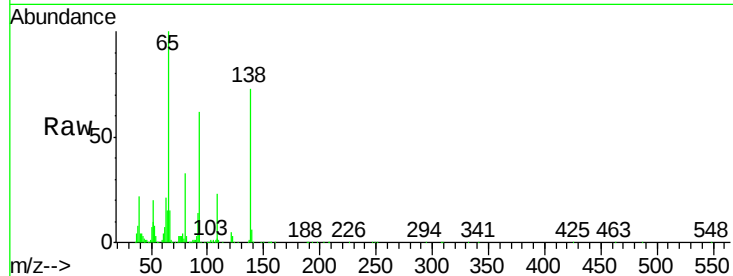
Tot Ion: 65 Resp: 230088

Ion Ratio Lower Upper

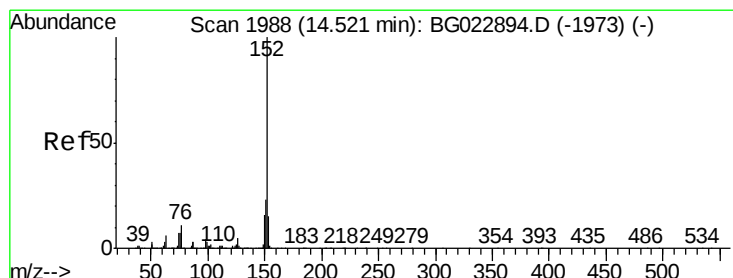
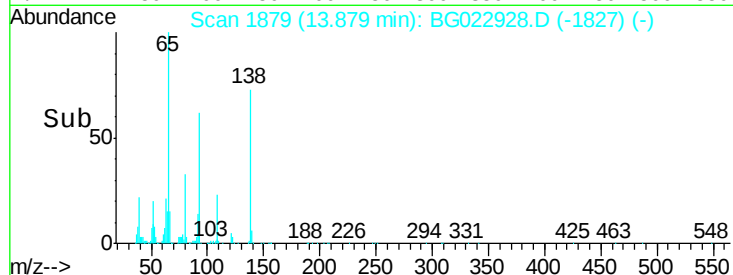
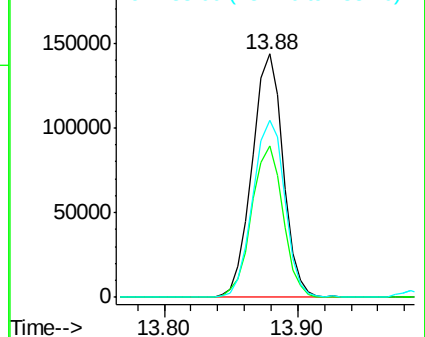
65 100

92 62.4 49.4 74.0

138 72.8 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: 23.56 ng

RT: 14.52 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

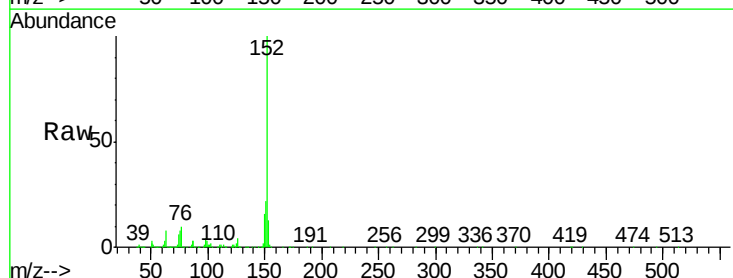
Tgt Ion: 152 Resp: 813552

Ion Ratio Lower Upper

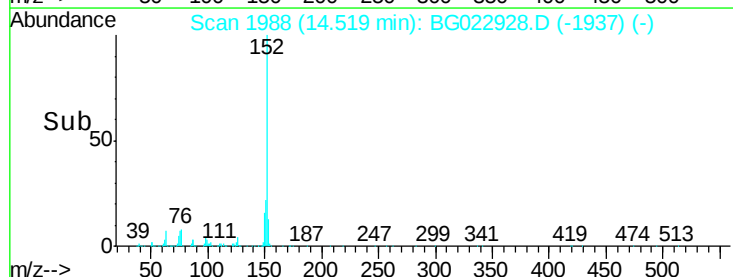
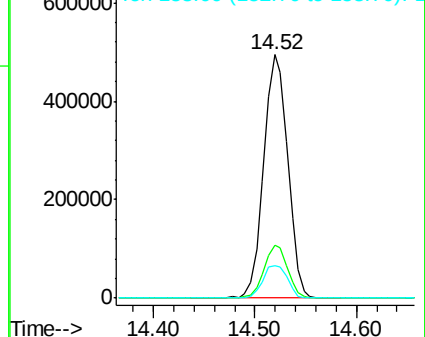
152 100

151 21.5 17.6 26.4

153 13.1 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: 31.63 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

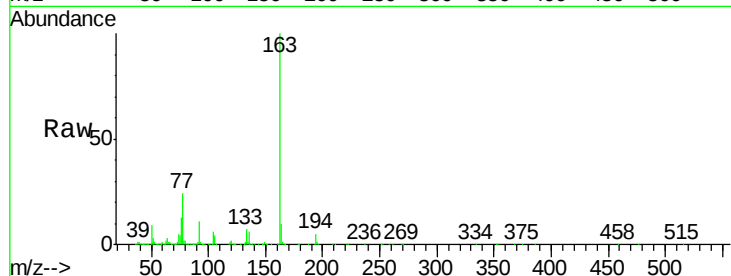
Tot Ion:163 Resp: 977261

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

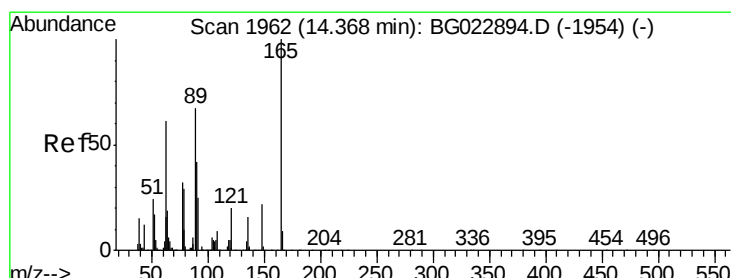
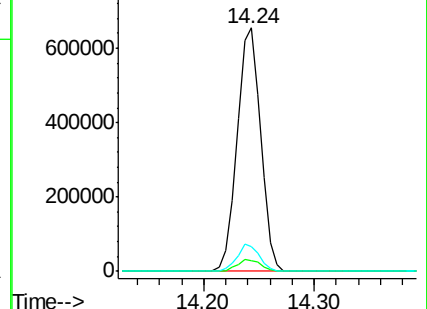
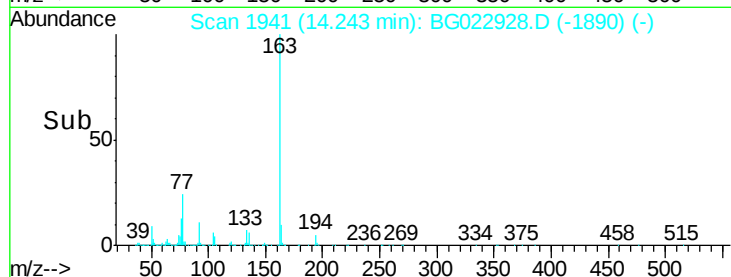
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 24.19 ng

RT: 14.37 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

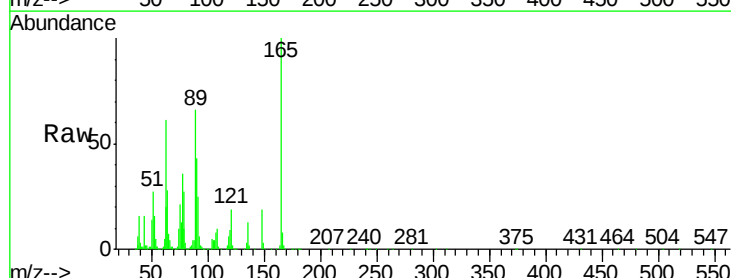
Tgt Ion:165 Resp: 167958

Ion Ratio Lower Upper

165 100

63 61.0 64.3 96.5#

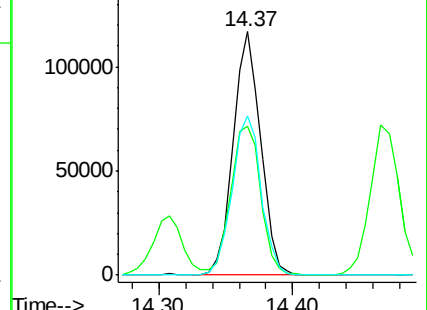
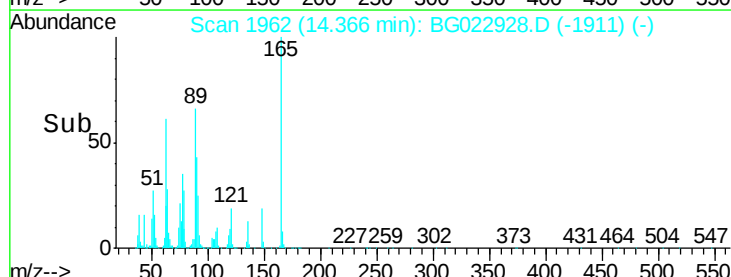
89 65.5 64.3 96.5

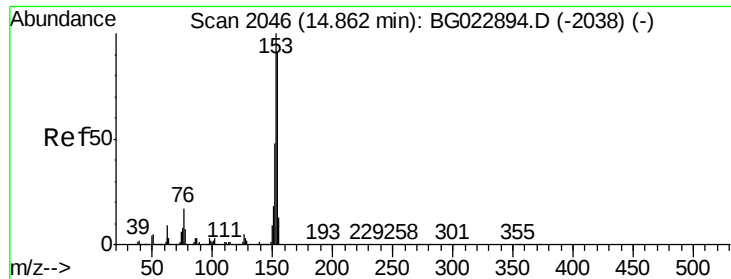


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 23.45 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

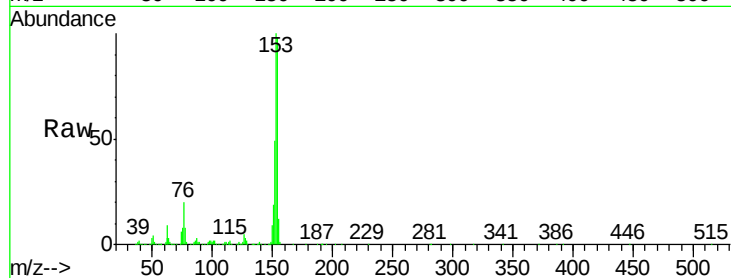
Tot Ion:154 Resp: 529133

Ion Ratio Lower Upper

154 100

153 102.1 87.5 131.3

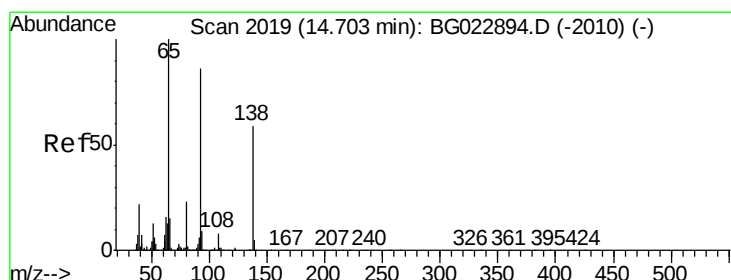
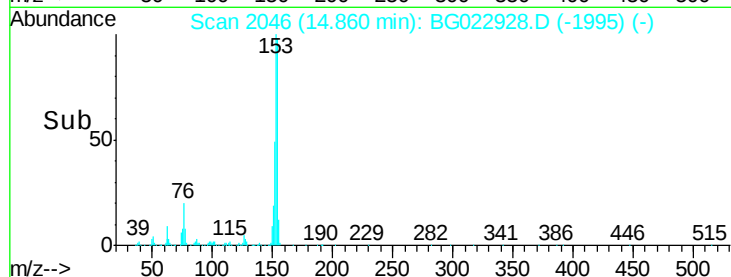
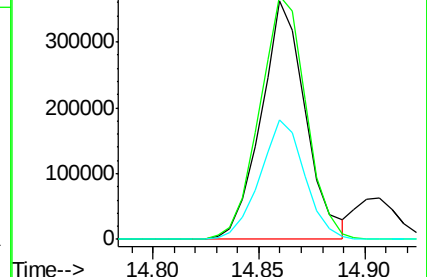
152 50.0 42.7 64.1



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: 13.34 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

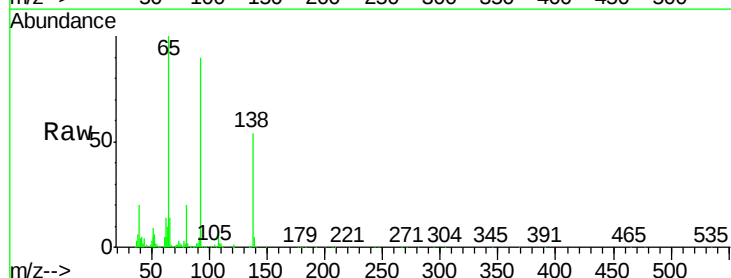
Tgt Ion:138 Resp: 92399

Ion Ratio Lower Upper

138 100

108 15.2 11.7 17.5

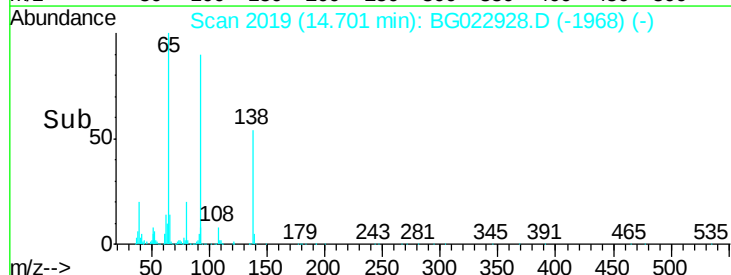
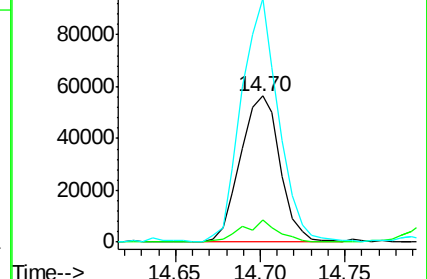
92 166.9 129.7 194.5

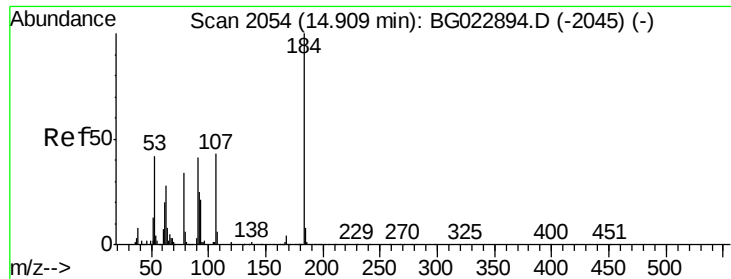


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 28.18 ng

RT: 14.90 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampled :

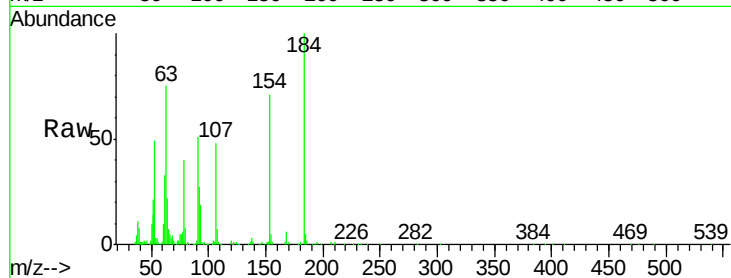
Tot Ion:184 Resp: 134259

Ion Ratio Lower Upper

184 100

63 75.2 59.6 89.4

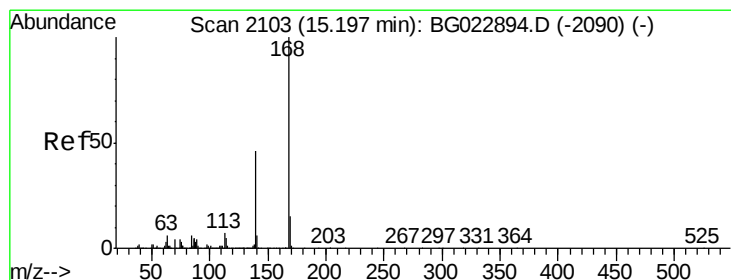
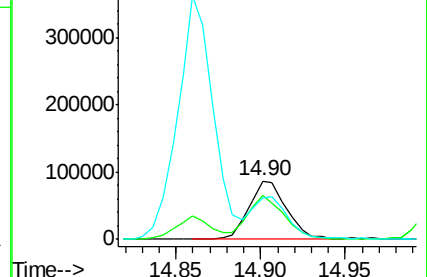
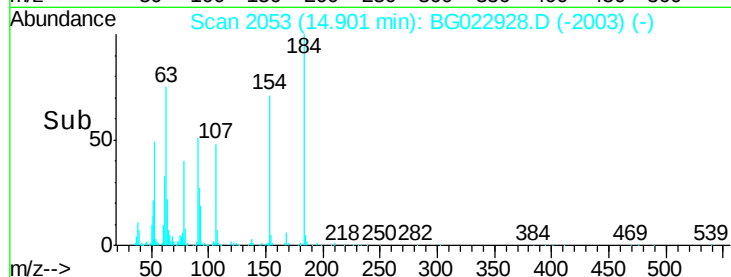
154 71.1 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 26.00 ng

RT: 15.19 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

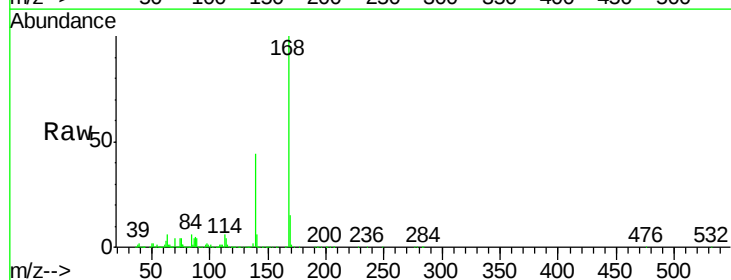
Tgt Ion:168 Resp: 878346

Ion Ratio Lower Upper

168 100

139 44.5 36.4 54.6

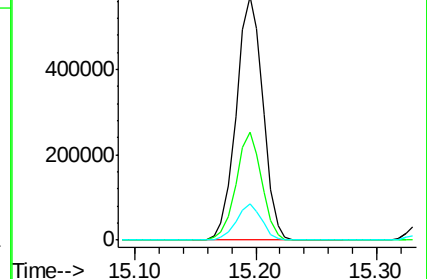
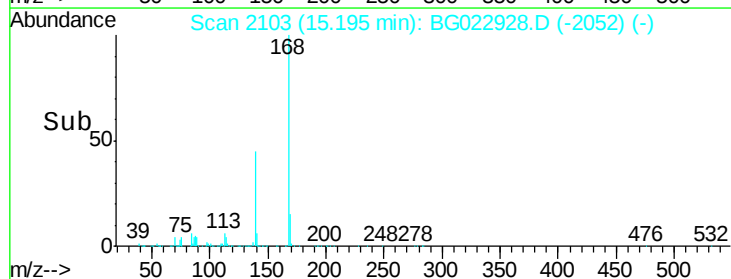
169 14.8 11.9 17.9

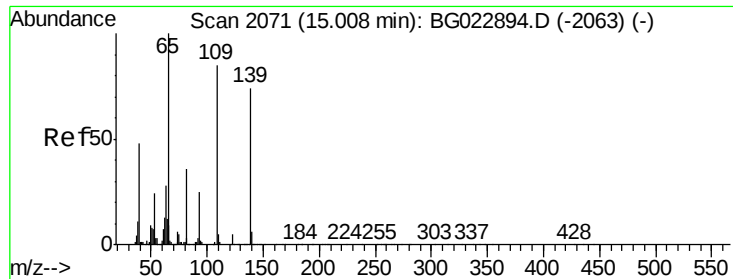


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

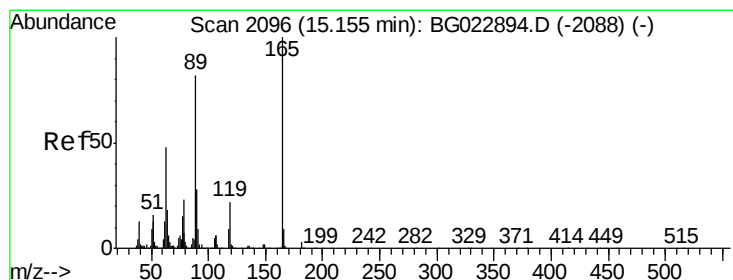
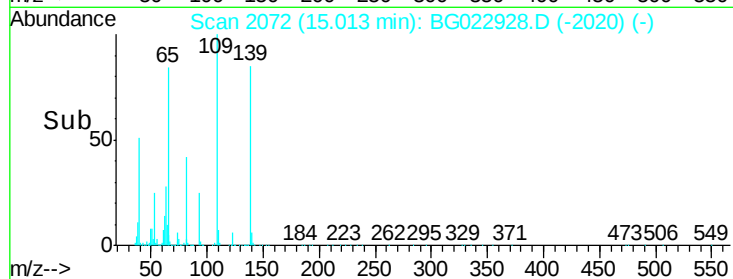
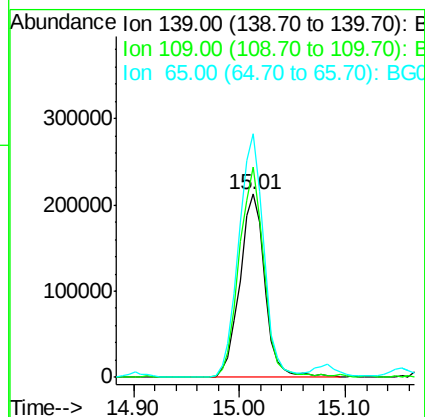
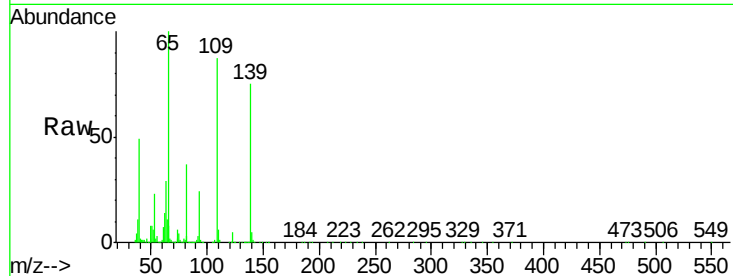




#55
4-Nitrophenol
Concen: 59.57 ng
RT: 15.01 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

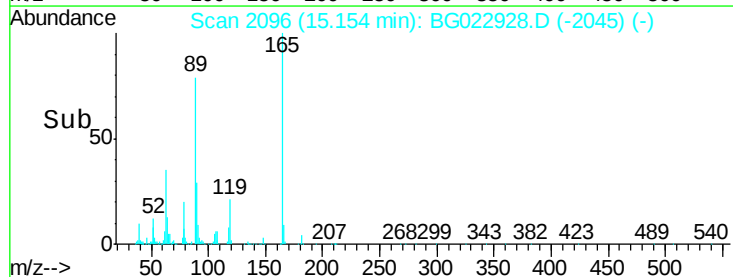
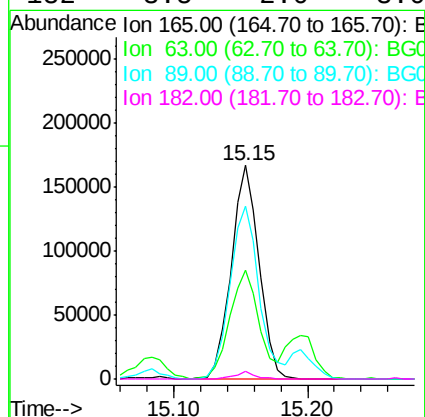
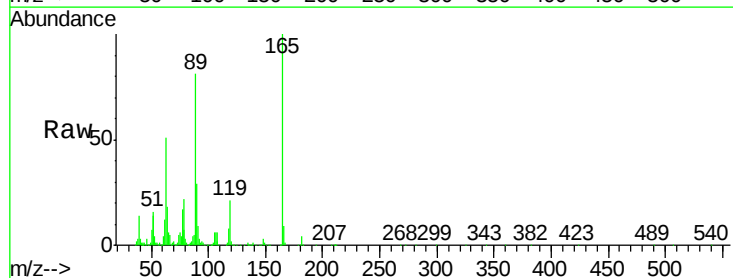
Instrument :
BNA_G
ClientSampleId :

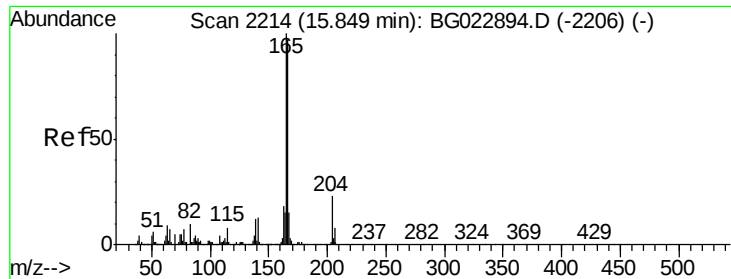
Tot Ion:139 Resp: 345739
Ion Ratio Lower Upper
139 100
109 115.2 103.0 143.0
65 133.0 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 23.86 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Tgt Ion:165 Resp: 241571
Ion Ratio Lower Upper
165 100
63 51.0 45.8 68.6
89 80.8 68.6 102.8
182 3.5 2.0 3.0#

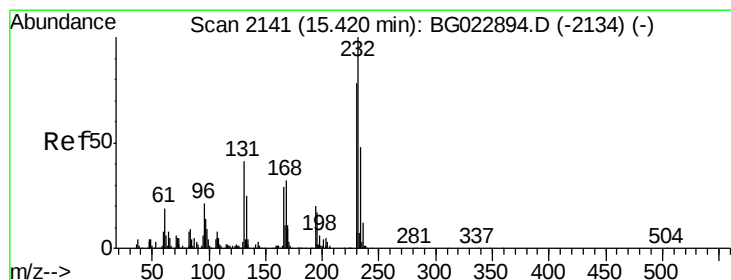
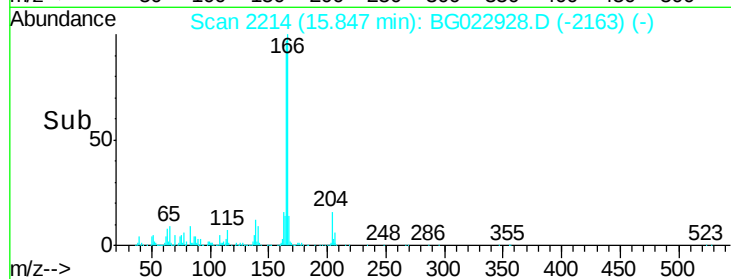
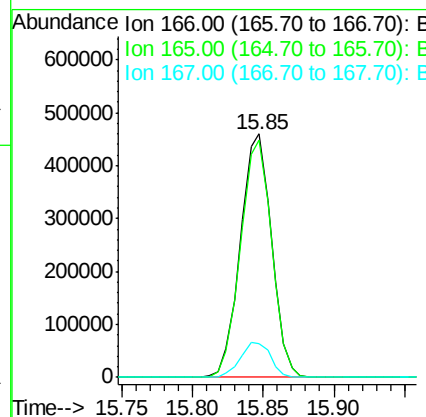
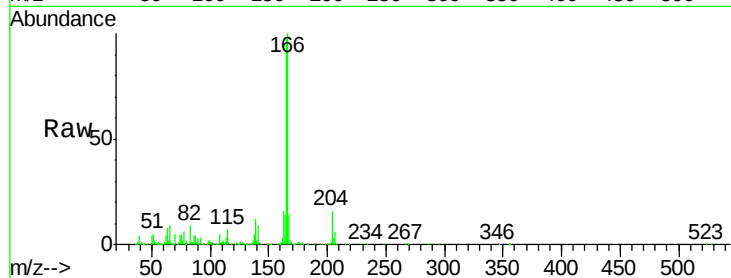




#57
Fluorene
 Concen: 24.35 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

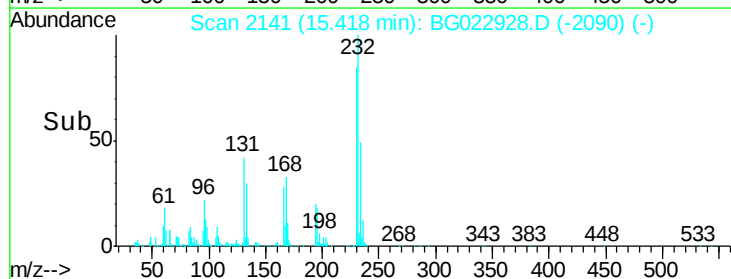
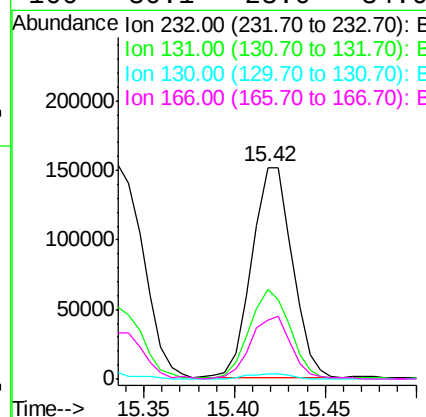
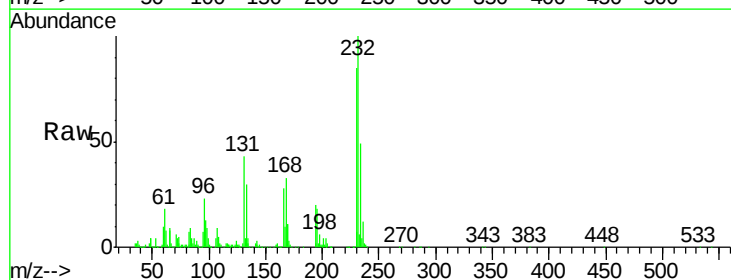
Instrument :
 BNA_G
 ClientSampleId :

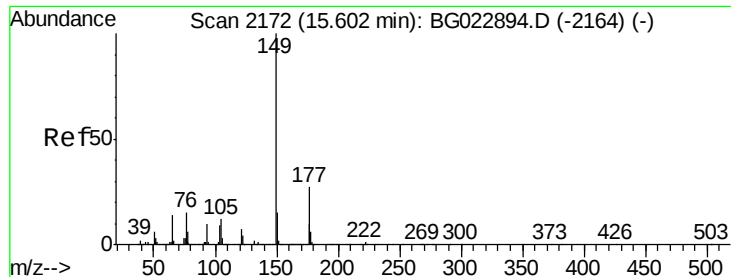
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.2	81.0	121.6
167	13.9	12.0	18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 24.53 ng
 RT: 15.42 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.6	32.7	49.1
130	2.7	2.6	3.8
166	30.1	23.0	34.6

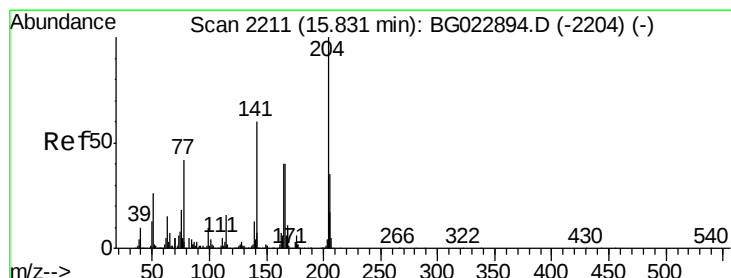
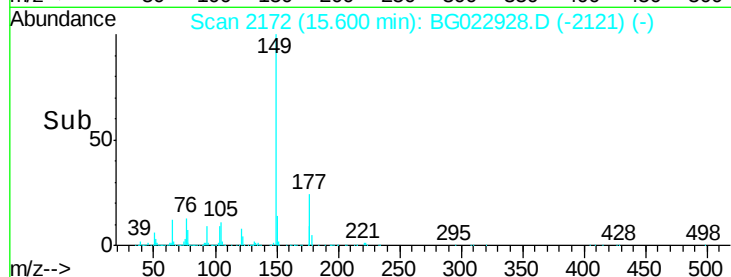
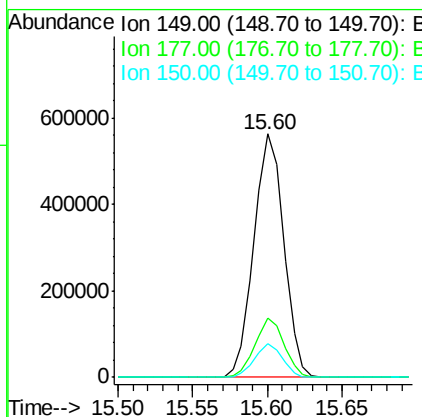
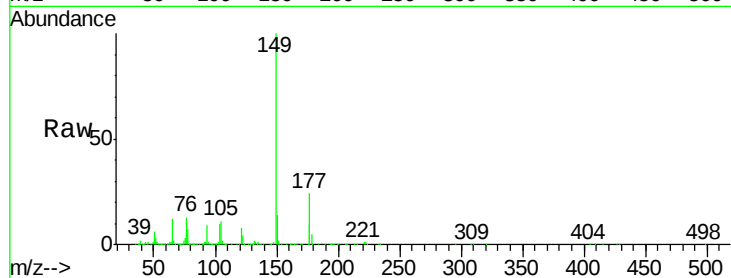




#59
Diethylphthalate
Concen: 24.70 ng
RT: 15.60 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

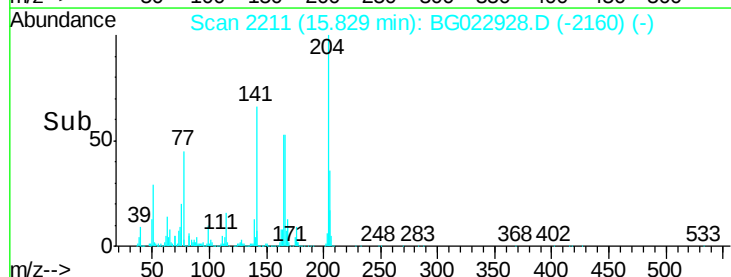
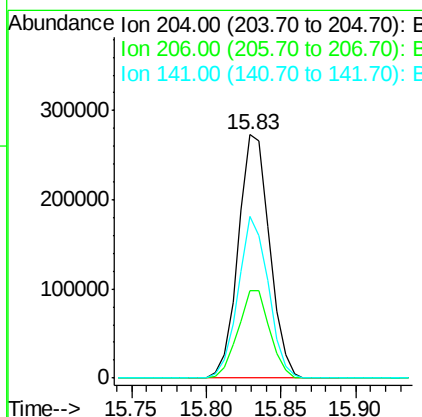
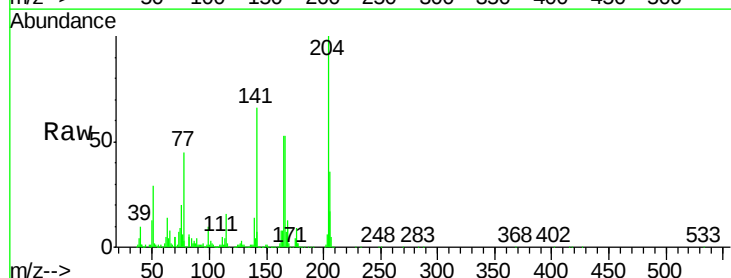
Instrument :
BNA_G
ClientSampleId :

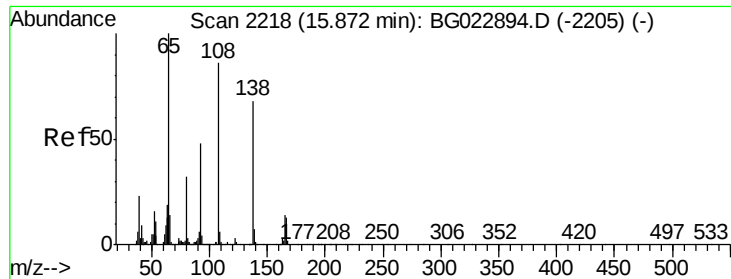
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.2	28.8
150	13.7	10.6	16.0



#60
4-Chlorophenyl-phenylether
Concen: 22.39 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.0	28.5	42.7
141	66.3	51.4	77.0

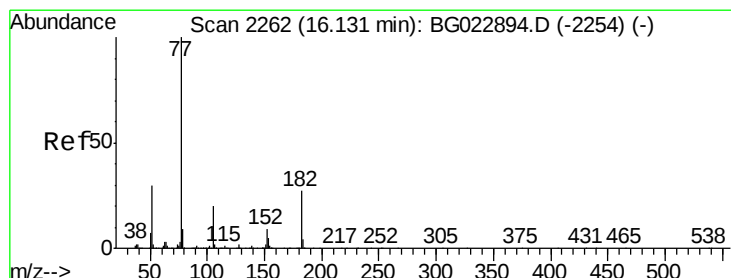
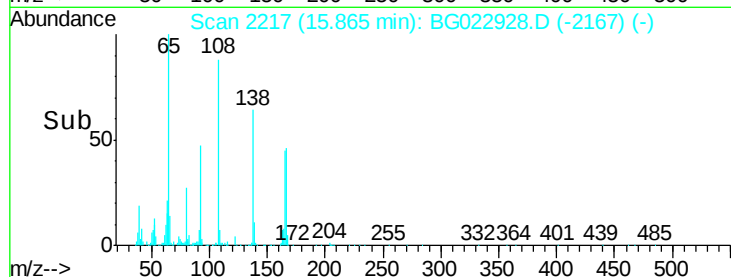
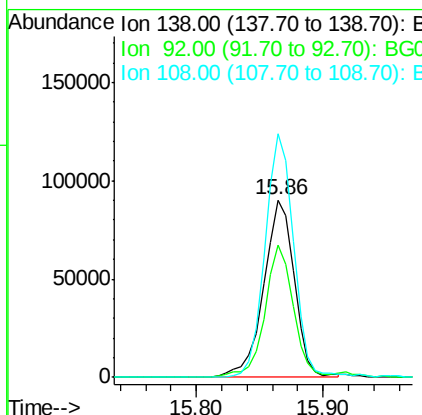
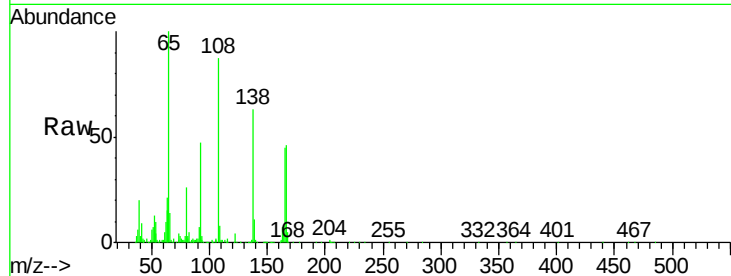




#61
4-Nitroaniline
Concen: 20.18 ng
RT: 15.86 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

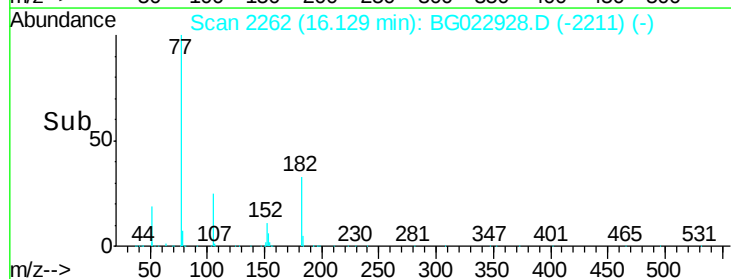
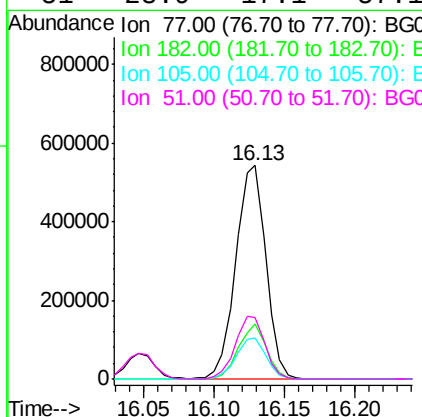
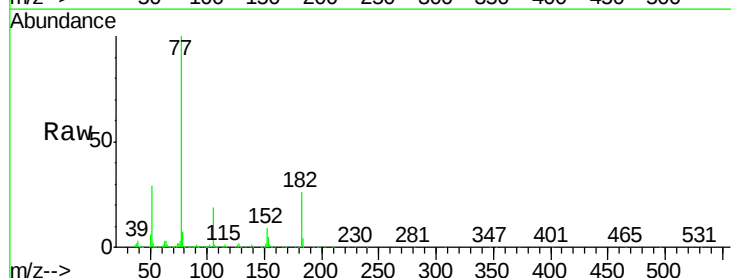
Instrument :
BNA_G
ClientSampleId :

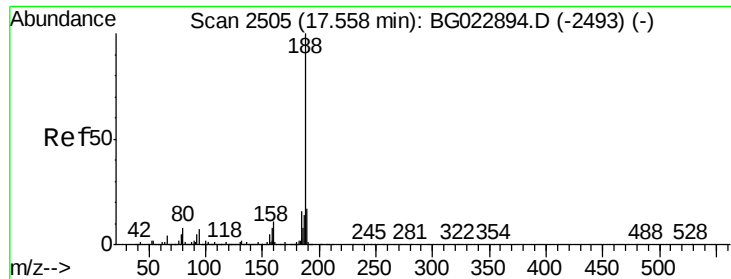
Tot Ion:138 Resp: 151176
Ion Ratio Lower Upper
138 100
92 74.4 54.1 94.1
108 137.4 133.9 173.9



#62
Azobenzene
Concen: 26.82 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Tgt Ion: 77 Resp: 806384
Ion Ratio Lower Upper
77 100
182 25.9 3.5 43.5
105 19.2 0.0 38.5
51 28.9 17.1 57.1

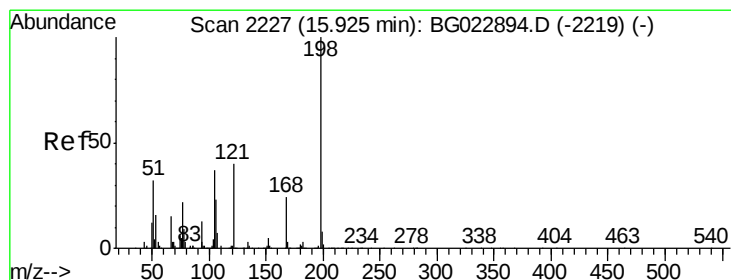
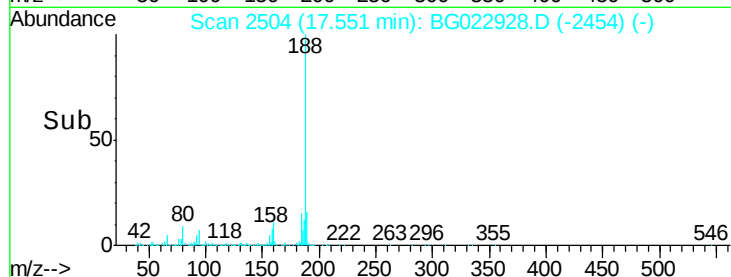
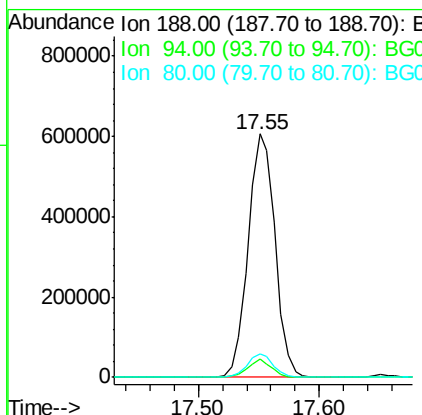
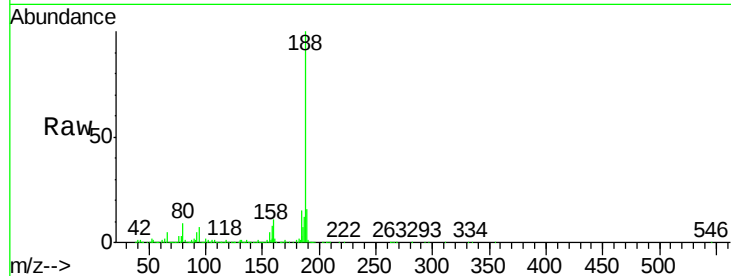




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

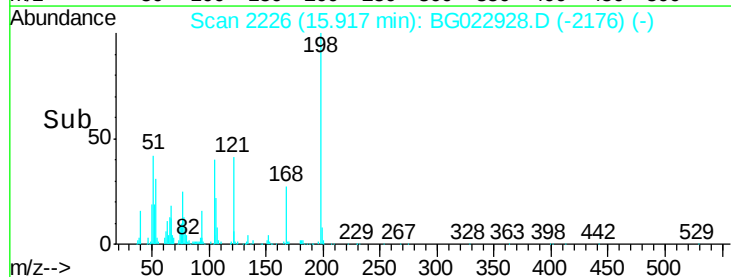
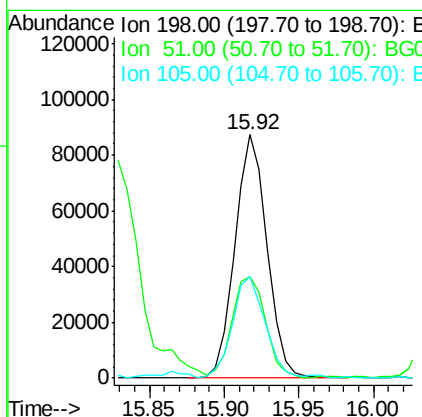
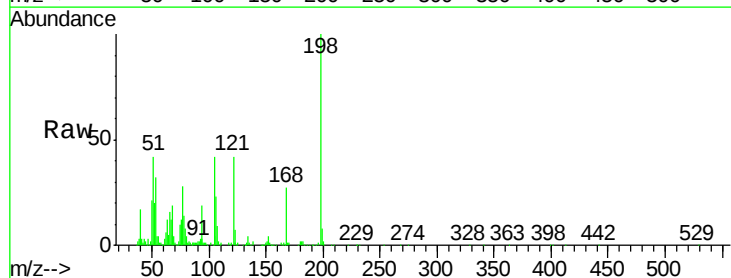
Instrument :
BNA_G
ClientSampleId :

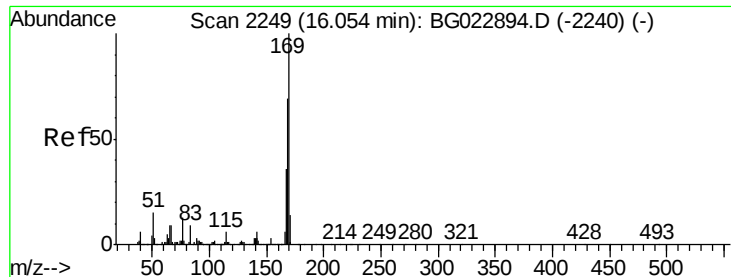
Tot Ion	188	Resp	939487
Ion Ratio	100	Lower	Upper
94	7.4	5.2	7.8
80	9.4	7.2	10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 18.65 ng
RT: 15.92 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Tgt Ion	198	Resp	130206
Ion Ratio	100	Lower	Upper
51	41.9	26.0	66.0
105	42.0	20.1	60.1





#65

n-Nitrosodiphenylamine

Concen: 24.46 ng

RT: 16.05 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

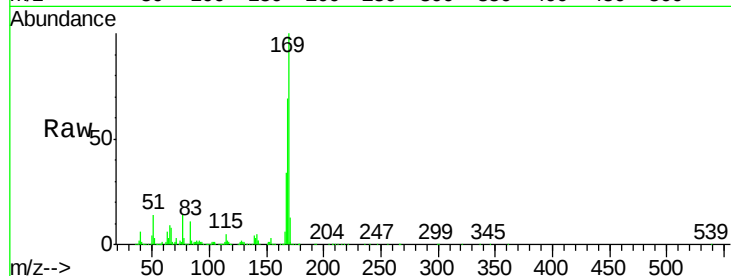
Tot Ion:169 Resp: 662009

Ion Ratio Lower Upper

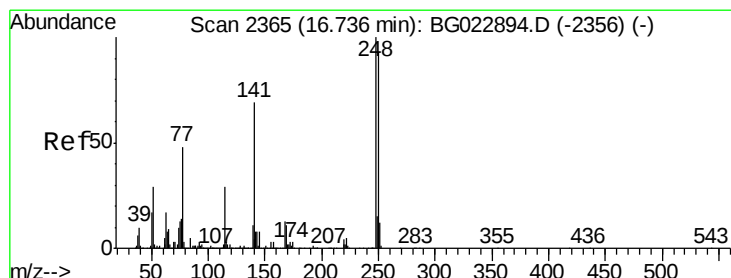
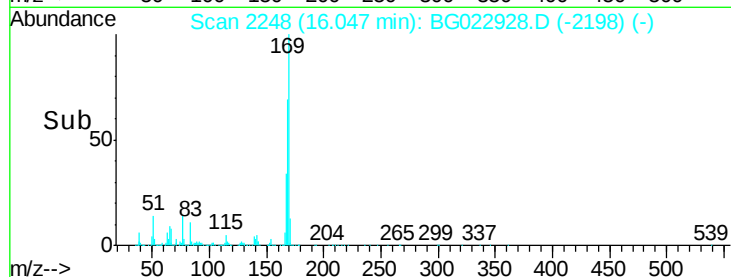
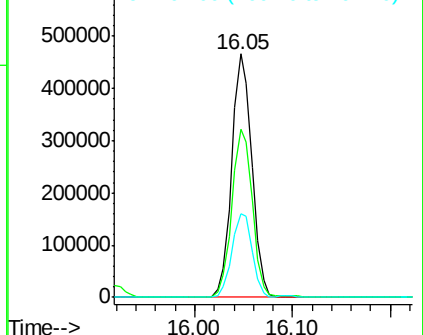
169 100

168 69.3 55.0 82.4

167 34.3 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 22.80 ng

RT: 16.73 min Scan# 2364

Delta R.T. -0.01 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

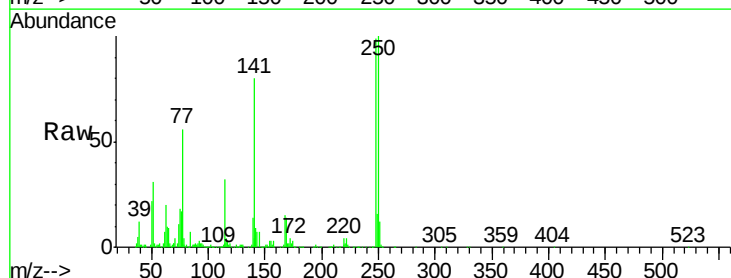
Tgt Ion:248 Resp: 278703

Ion Ratio Lower Upper

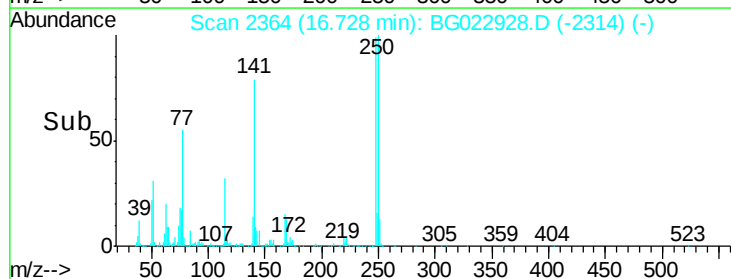
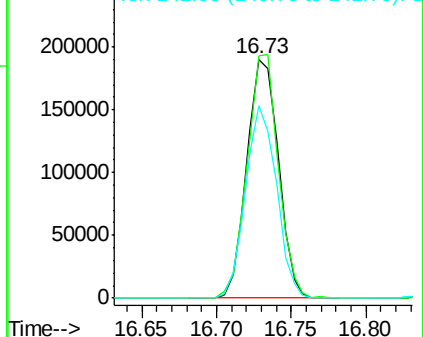
248 100

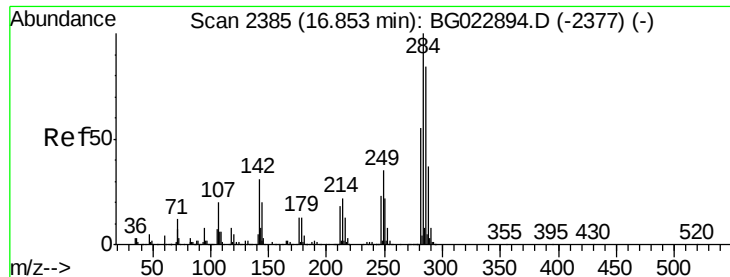
250 101.5 77.8 116.8

141 80.8 65.7 98.5



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

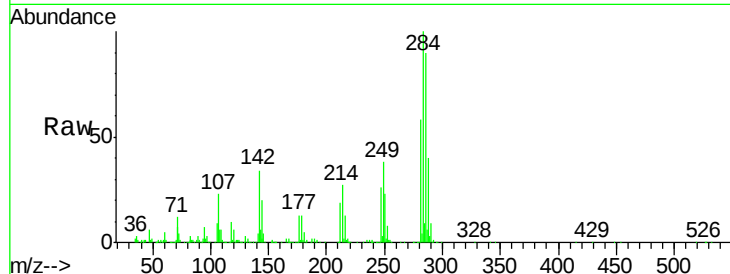




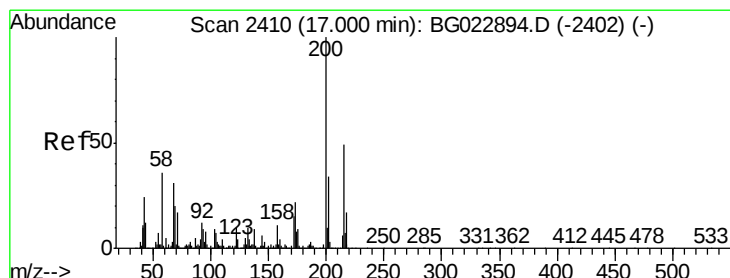
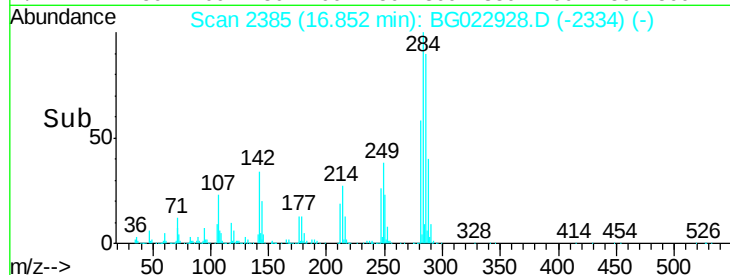
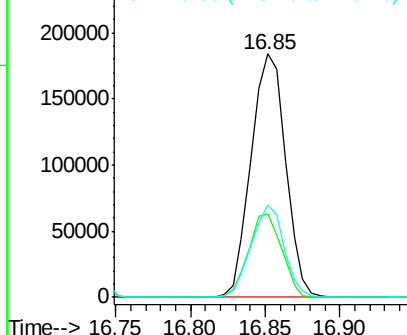
#67
Hexachlorobenzene
Concen: 22.12 ng
RT: 16.85 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.5	26.8	40.2
249	38.1	28.9	43.3

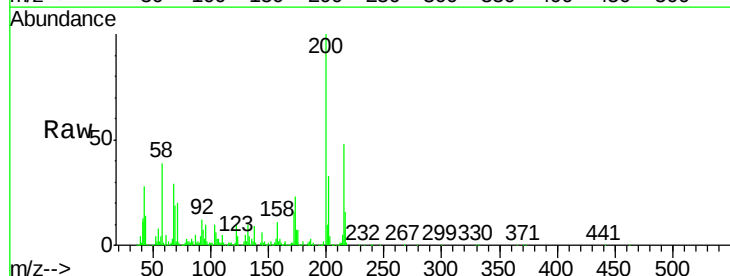


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

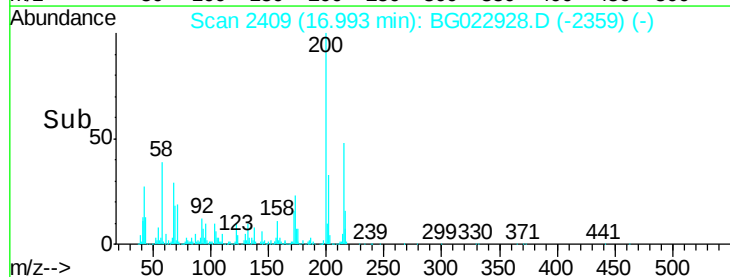
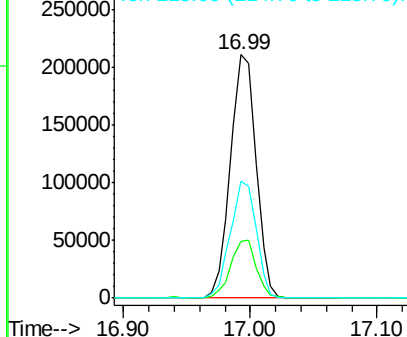


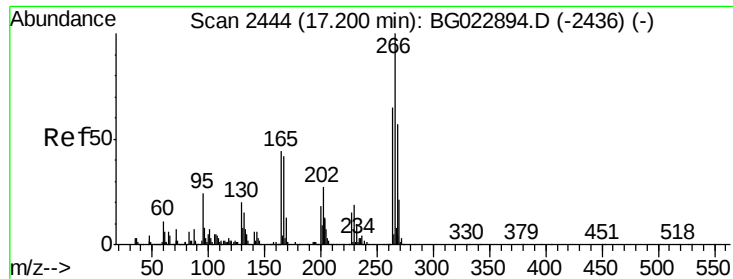
#68
Atrazine
Concen: 24.53 ng
RT: 16.99 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.2	1.6	41.6
215	48.1	28.7	68.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

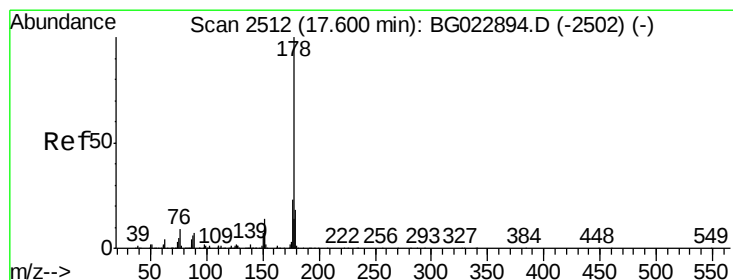
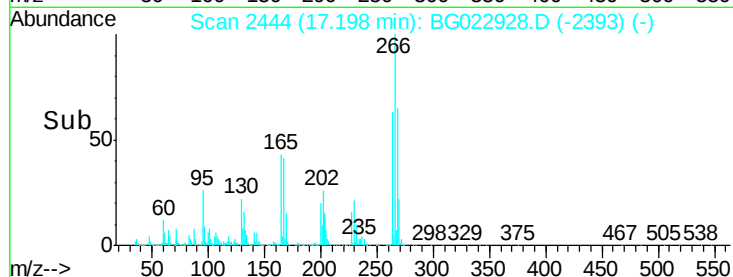
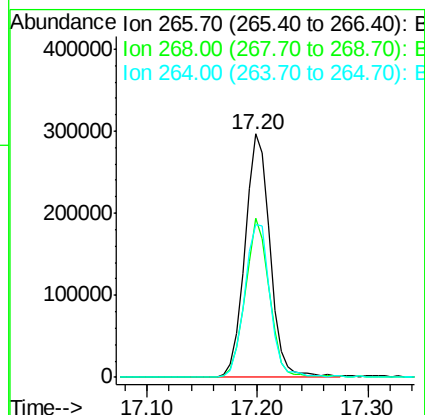
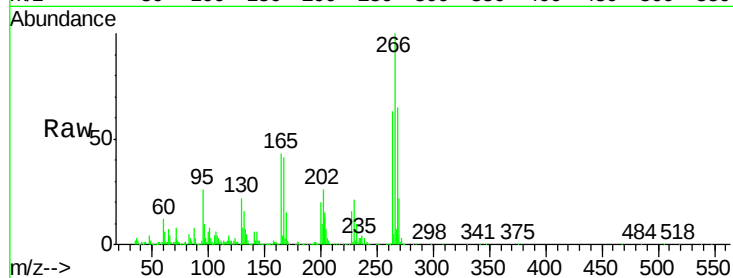




#69
 Pentachlorophenol
 Concen: 55.15 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

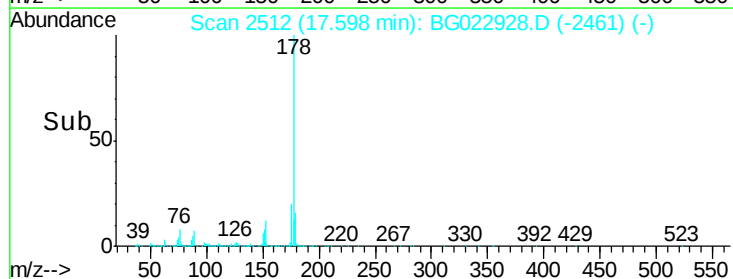
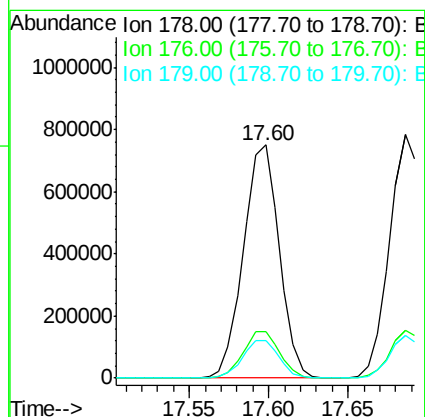
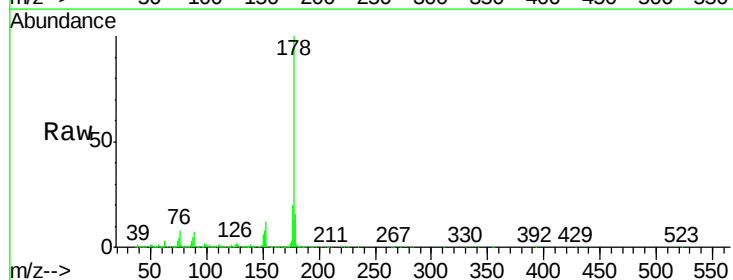
Instrument :
 BNA_G
 ClientSampleId :

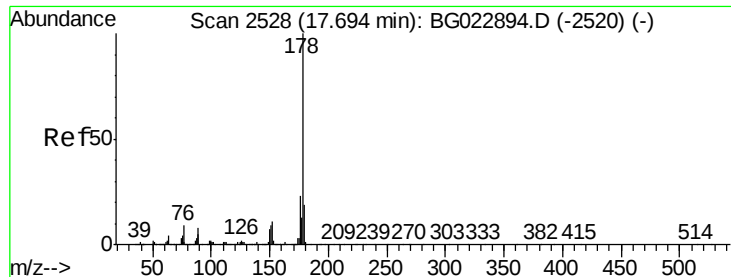
Tot Ion:266 Resp: 474632
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.9 77.9
 264 62.9 50.6 75.8



#70
 Phenanthrene
 Concen: 25.61 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

Tgt Ion:178 Resp: 1178965
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.8 25.2
 179 16.1 14.3 21.5





#71

Anthracene

Concen: 25.21 ng

RT: 17.69 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

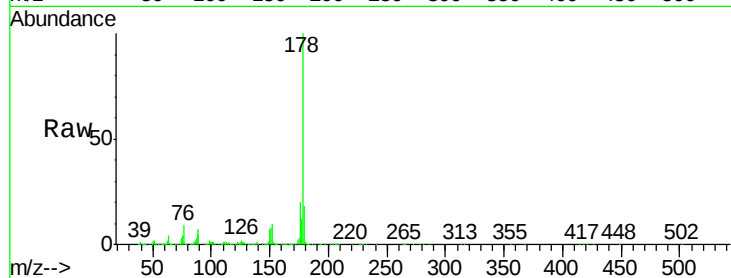
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1175149

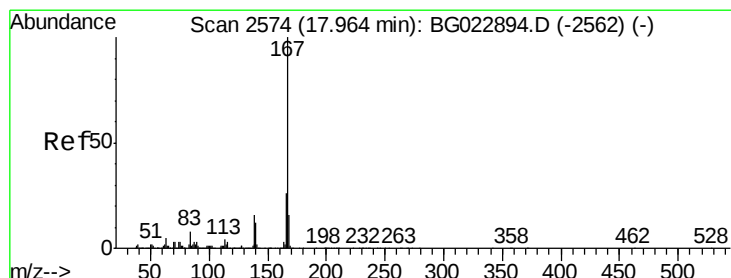
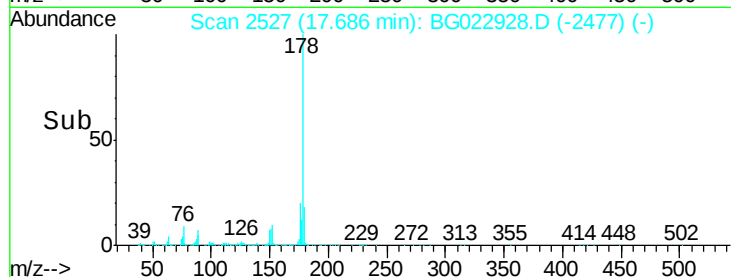
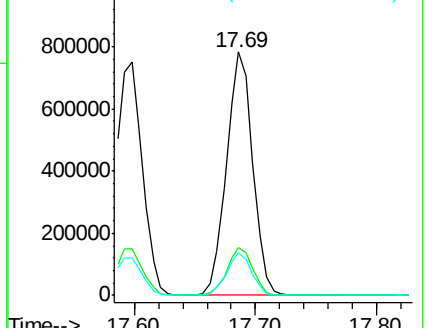
Ion	Ratio	Lower	Upper
178	100		
176	19.8	17.3	25.9
179	17.7	14.0	21.0



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



#72

Carbazole

Concen: 25.53 ng

RT: 17.96 min Scan# 2573

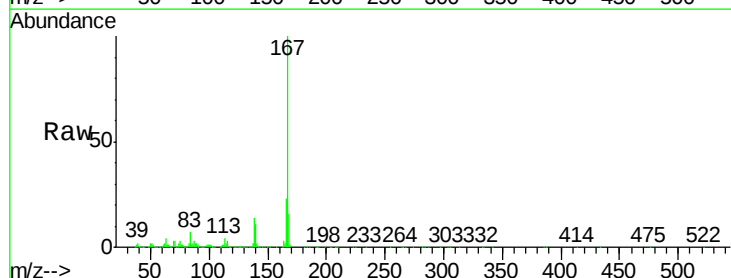
Delta R.T. -0.01 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Tgt Ion:167 Resp: 1028539

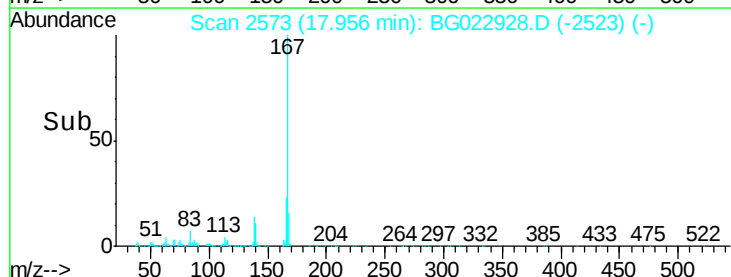
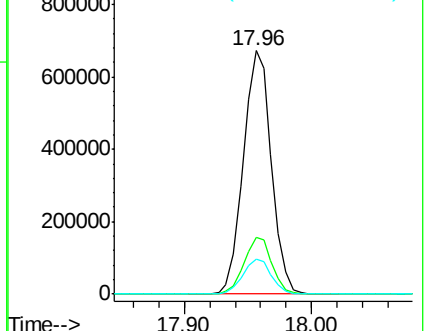
Ion	Ratio	Lower	Upper
167	100		
166	23.2	20.7	31.1
139	14.4	11.9	17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 27.82 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

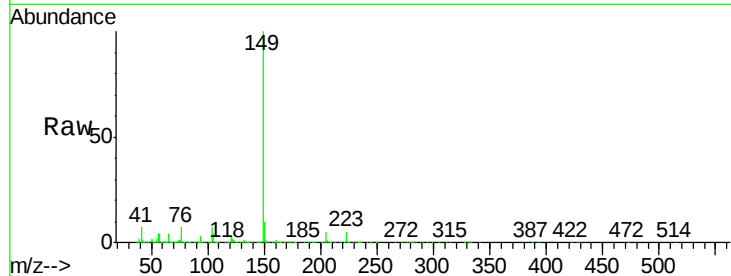
Tot Ion:149 Resp: 1246461

Ion Ratio Lower Upper

149 100

150 10.3 9.1 13.7

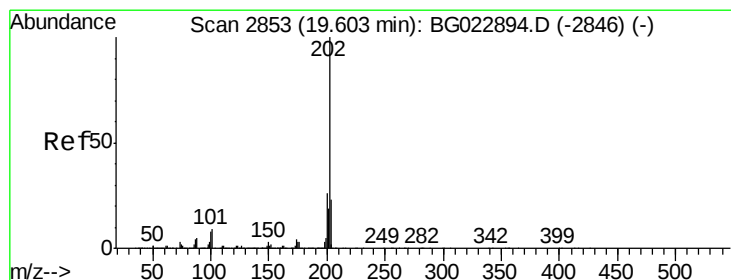
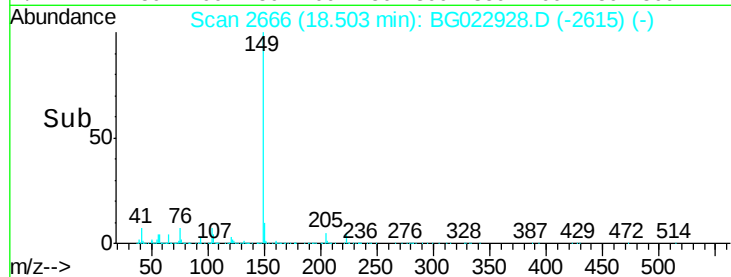
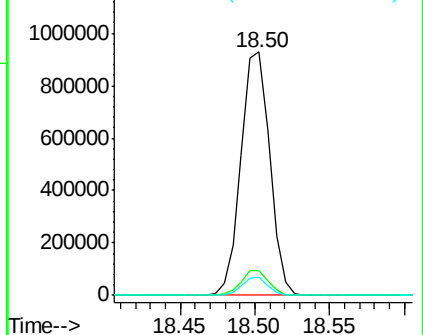
104 7.4 6.9 10.3



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: 25.08 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

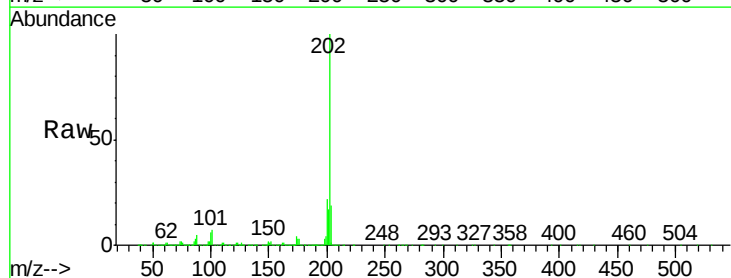
Tgt Ion:202 Resp: 1416865

Ion Ratio Lower Upper

202 100

101 7.1 0.0 27.4

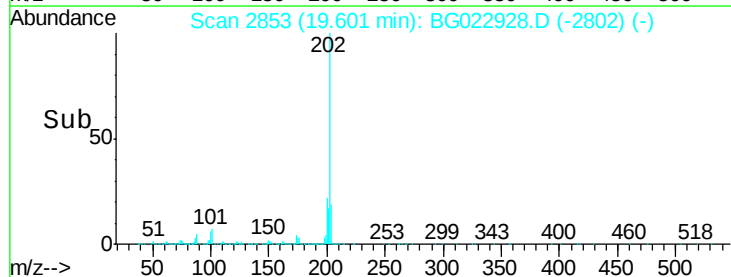
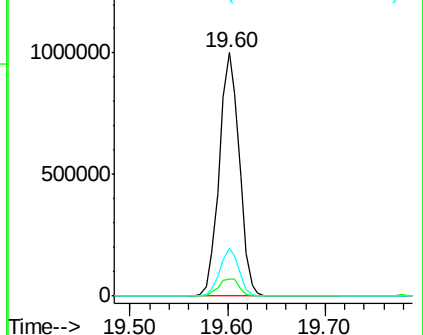
203 19.5 1.7 41.7

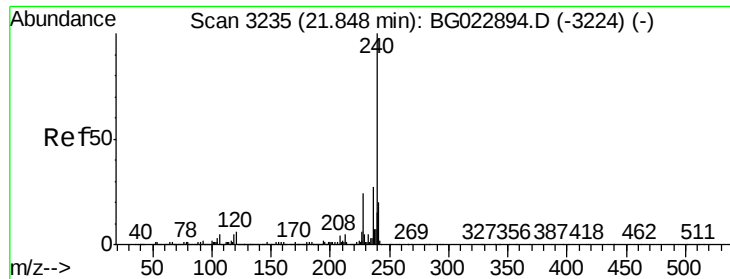


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

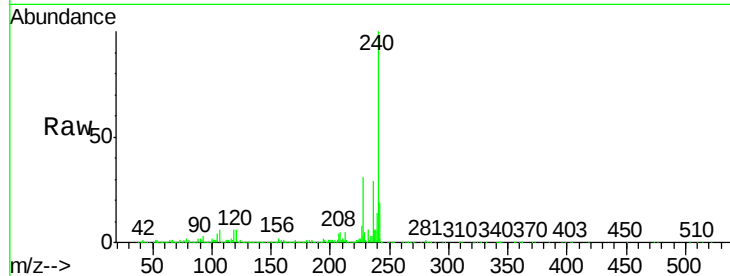
Tot Ion:240 Resp: 1043982

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

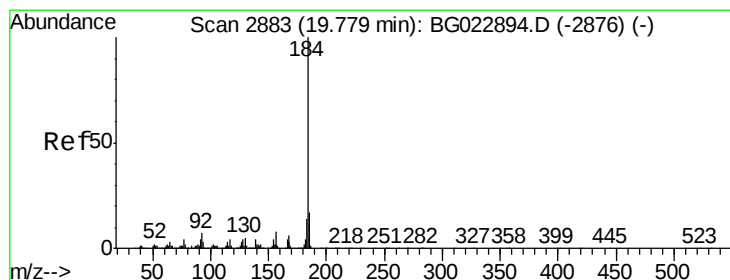
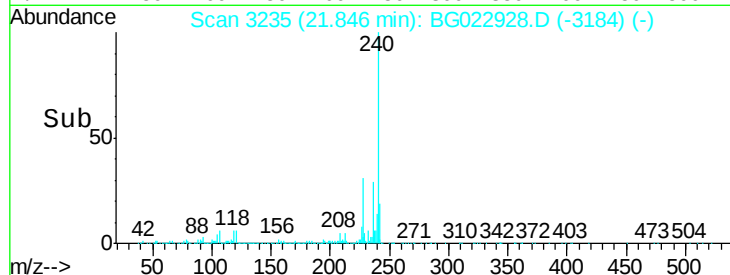
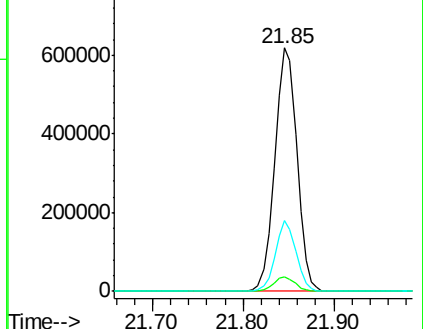
236 29.1 21.1 31.7



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: 22.65 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

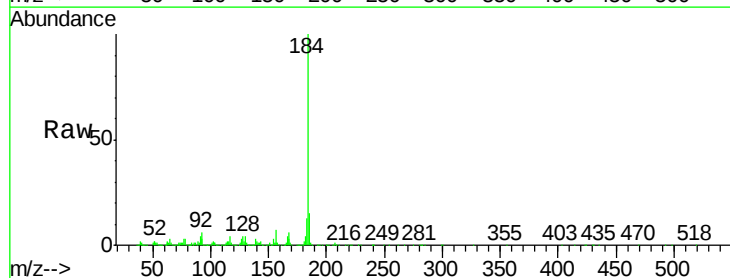
Tgt Ion:184 Resp: 677863

Ion Ratio Lower Upper

184 100

185 15.4 12.6 19.0

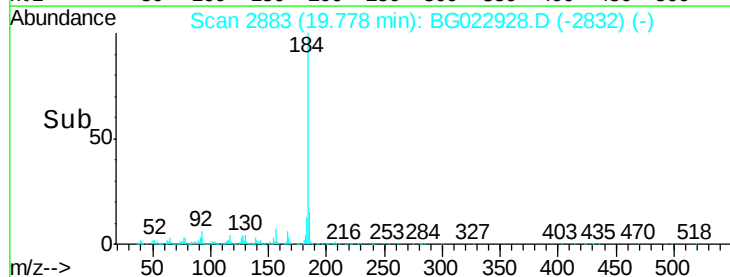
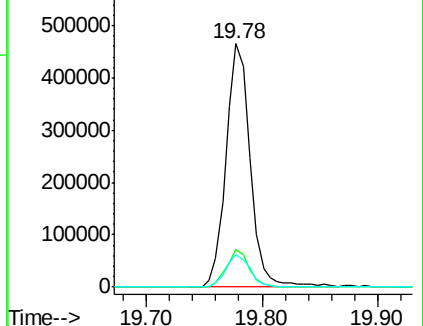
183 13.2 10.7 16.1

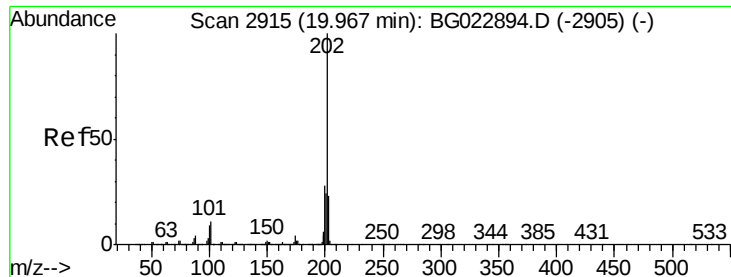


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

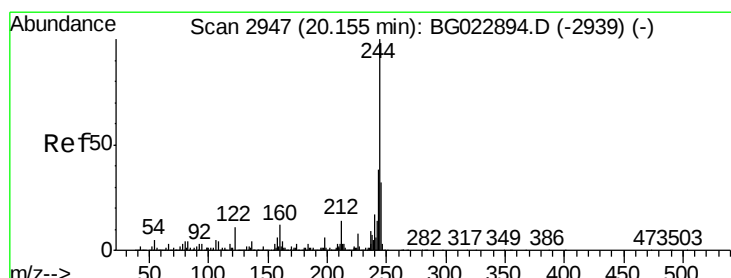
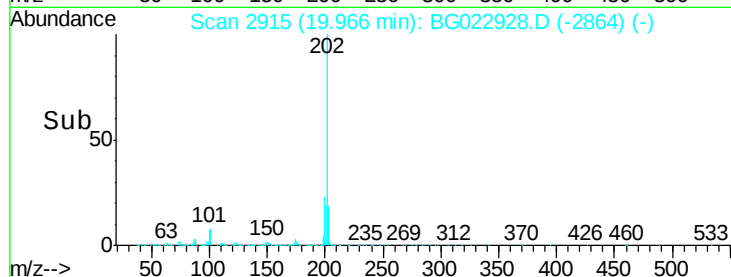
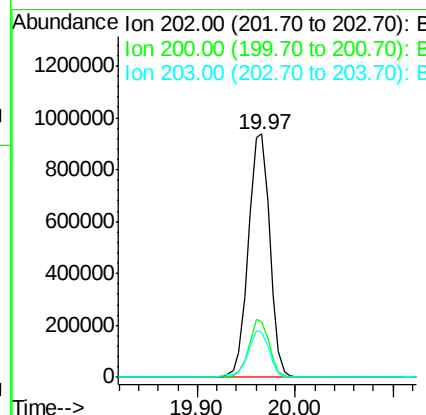
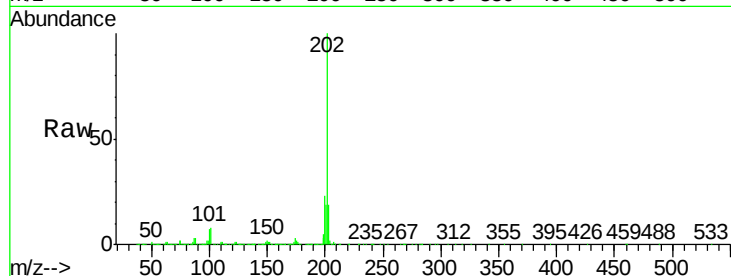




#77
Pvrene
Concen: 24.43 ng
RT: 19.97 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

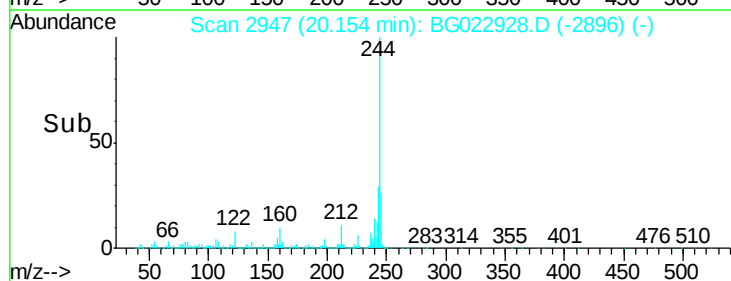
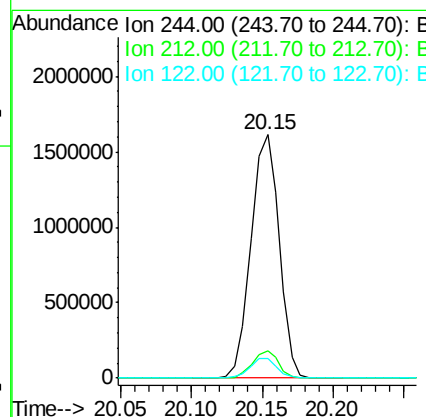
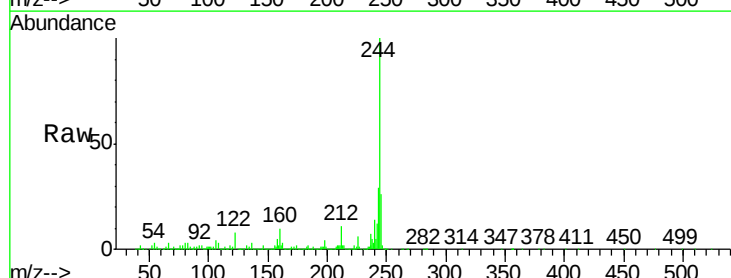
Instrument :
BNA_G
ClientSampleId :

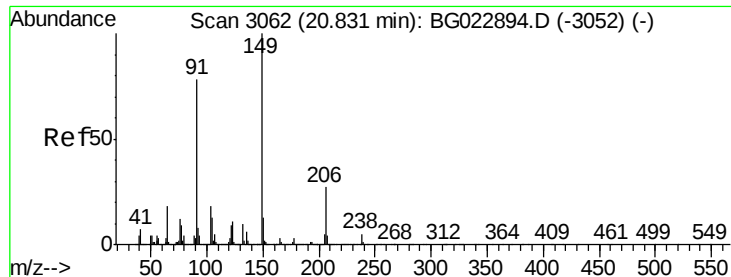
Tot Ion:202 Resp: 1432953
Ion Ratio Lower Upper
202 100
200 22.8 21.2 31.8
203 18.6 16.8 25.2



#78
Terphenyl-d14
Concen: 61.85 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Tgt Ion:244 Resp: 2263050
Ion Ratio Lower Upper
244 100
212 11.2 10.8 16.2
122 8.3 8.0 12.0





#79

Butylbenzylphthalate

Concen: 24.77 ng

RT: 20.83 min Scan# 3062

Delta R.T. -0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

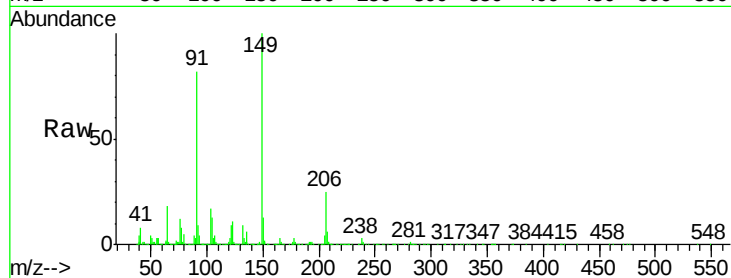
Tot Ion:149 Resp: 575683

Ion Ratio Lower Upper

149 100

91 81.7 68.1 102.1

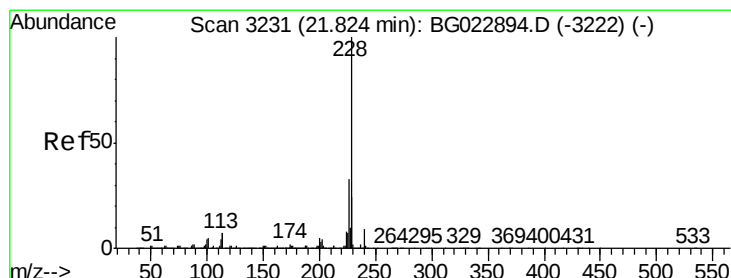
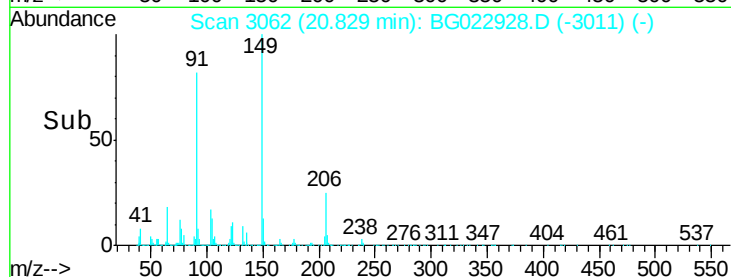
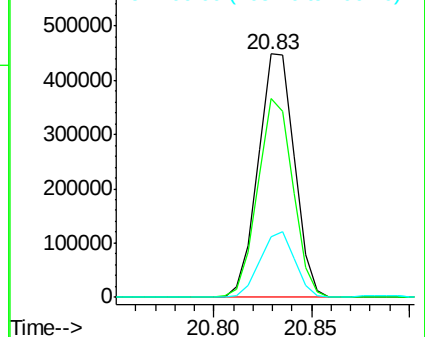
206 24.9 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 25.23 ng

RT: 21.83 min Scan# 3232

Delta R.T. 0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

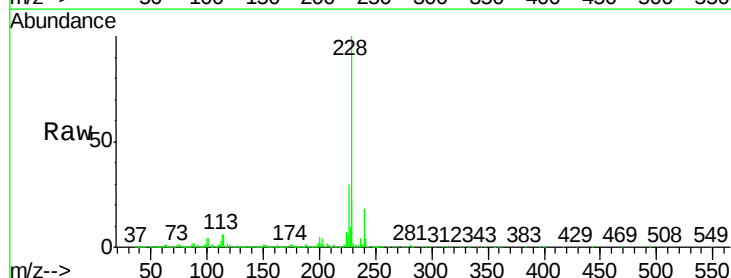
Tgt Ion:228 Resp: 1473745

Ion Ratio Lower Upper

228 100

226 29.7 25.3 37.9

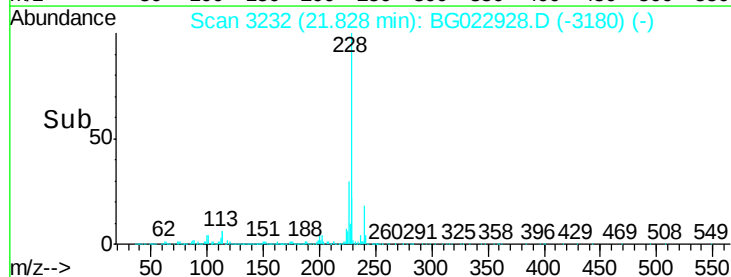
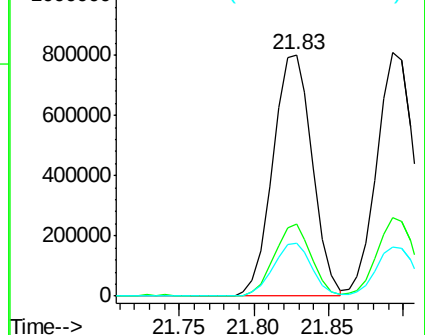
229 22.1 19.9 29.9

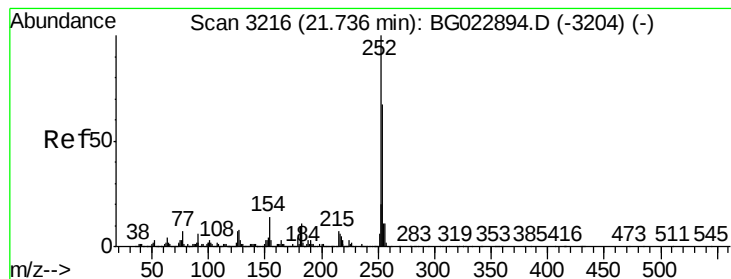


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

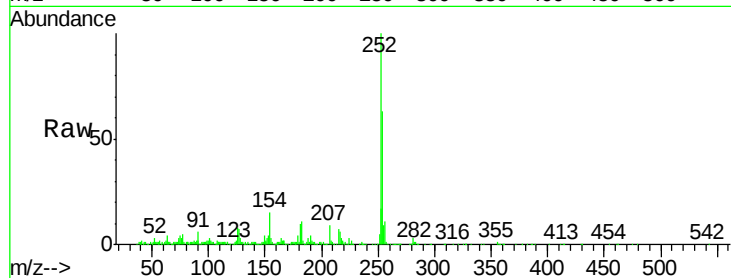




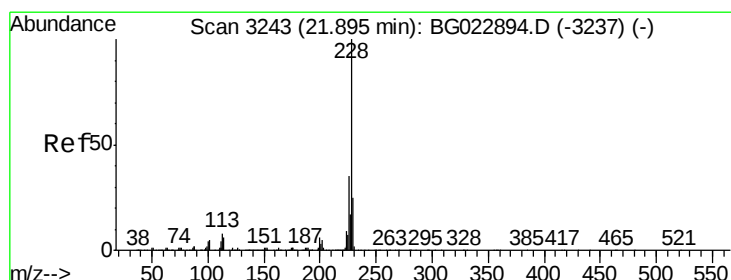
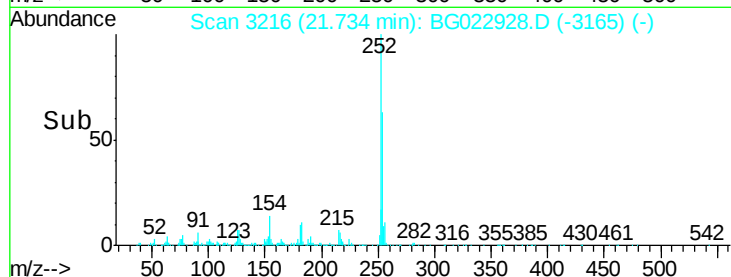
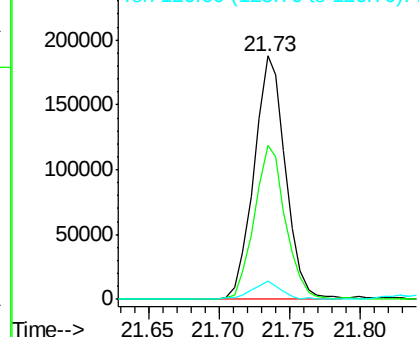
#81
 3,3'-Dichlorobenzidine
 Concen: 11.51 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 295101
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.2 76.8
 126 7.6 5.3 7.9

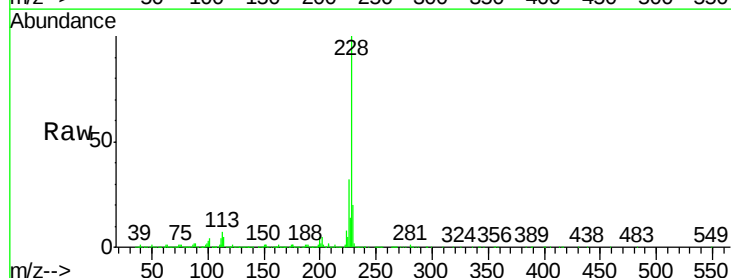


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

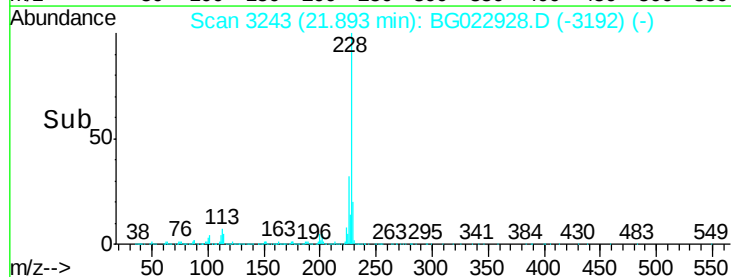
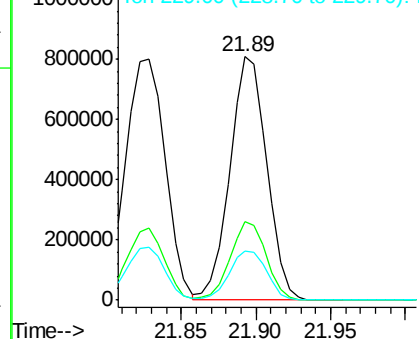


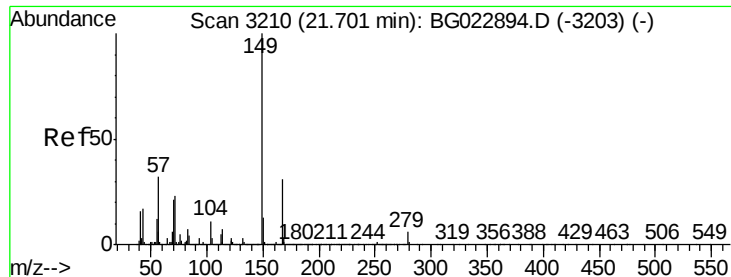
#82
 Chrysene
 Concen: 25.44 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

Tgt Ion:228 Resp: 1393760
 Ion Ratio Lower Upper
 228 100
 226 32.3 26.7 40.1
 229 20.4 17.4 26.2



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

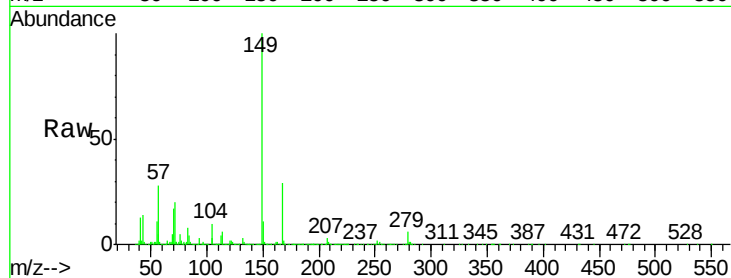




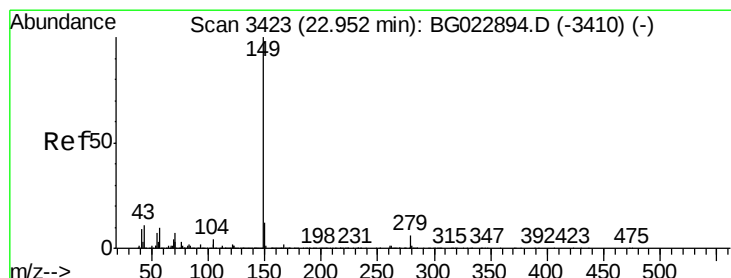
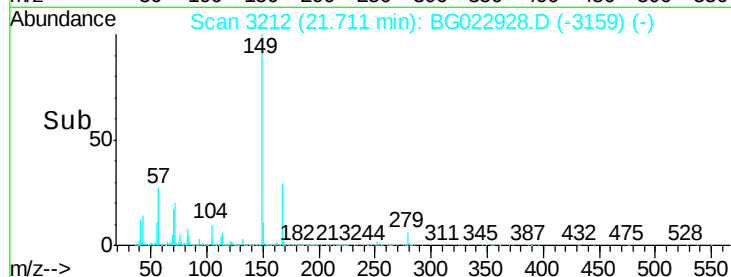
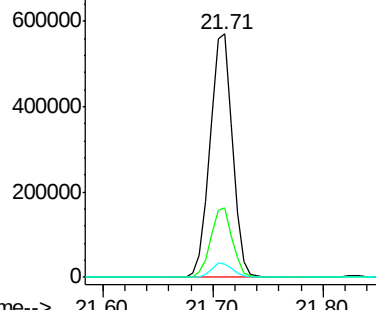
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.22 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. 0.01 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 813682
 Ion Ratio Lower Upper
 149 100
 167 28.8 24.0 36.0
 279 5.6 4.8 7.2

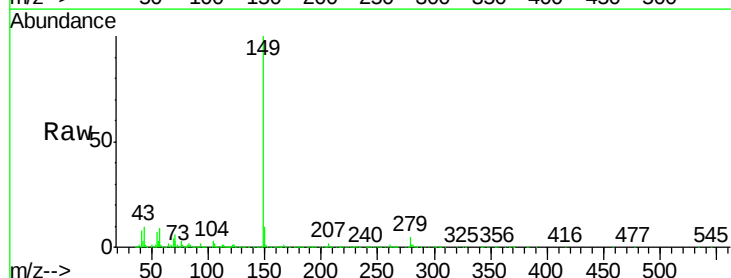


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

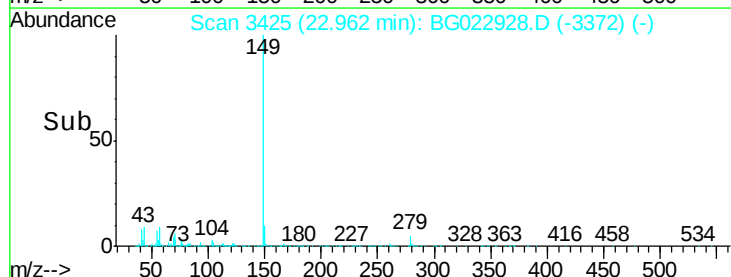
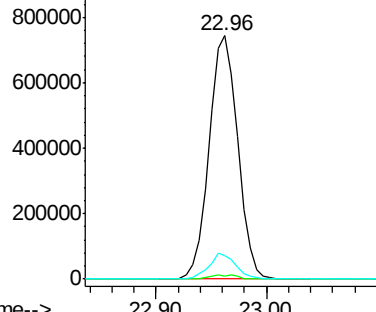


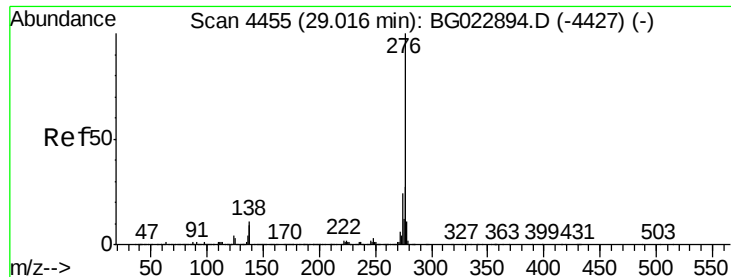
#84
 Di-n-octyl phthalate
 Concen: 25.07 ng
 RT: 22.96 min Scan# 3425
 Delta R.T. 0.01 min
 Lab File: BG022928.D
 Acq: 8 Jul 2016 12:44

Tgt Ion:149 Resp: 1348826
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 9.7 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): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 24.03 ng

RT: 29.03 min Scan# 4458

Delta R.T. 0.02 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

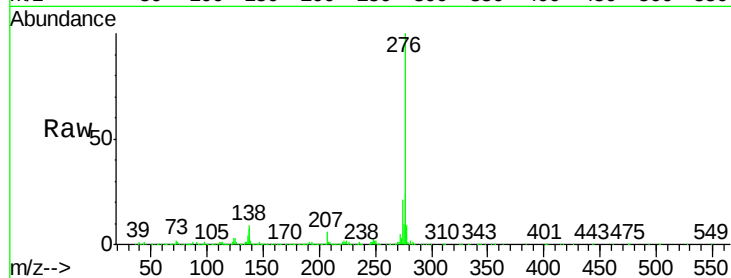
Tot Ion:276 Resp: 1678854

Ion Ratio Lower Upper

276 100

138 4.5 0.0 0.0#

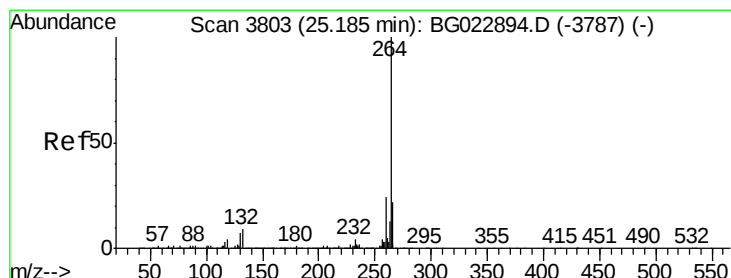
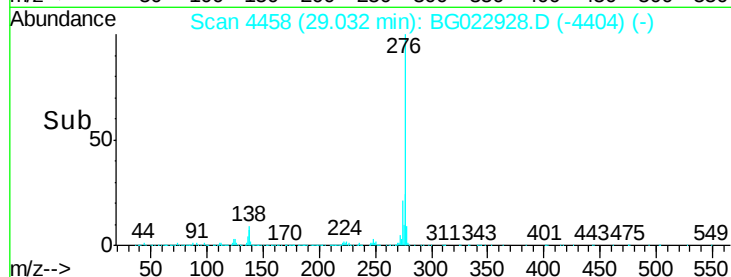
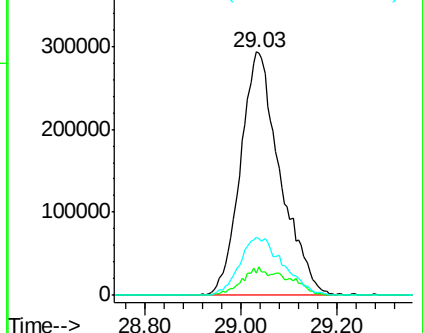
277 26.3 0.0 0.0#



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: BG022928.D

Acq: 8 Jul 2016 12:44

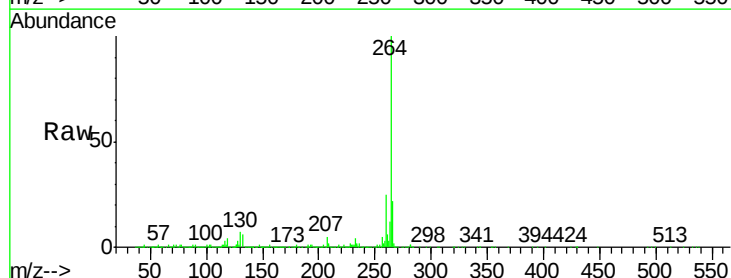
Tgt Ion:264 Resp: 1073229

Ion Ratio Lower Upper

264 100

260 25.5 18.4 27.6

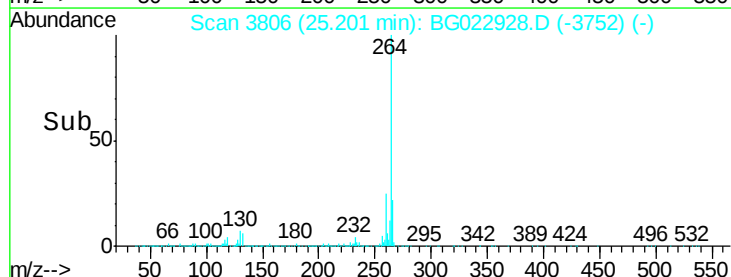
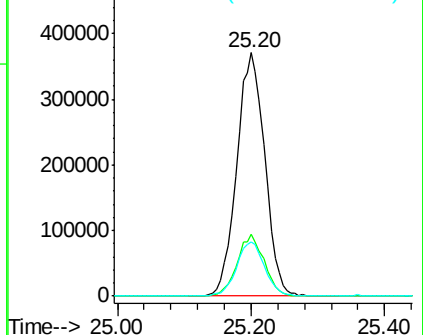
265 22.2 18.9 28.3

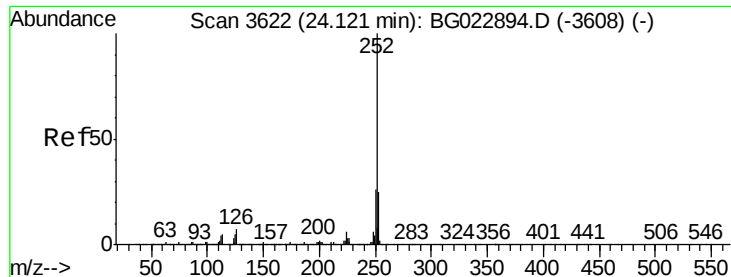


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

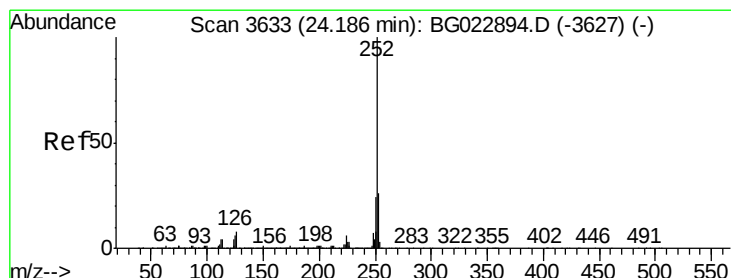
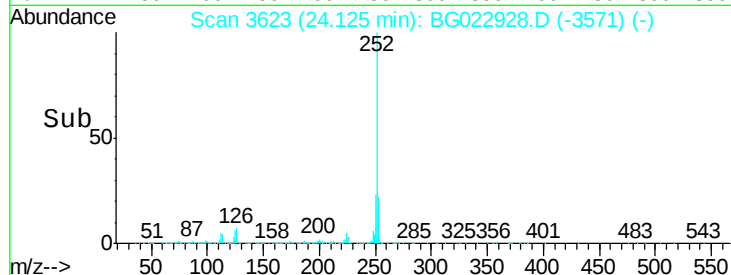
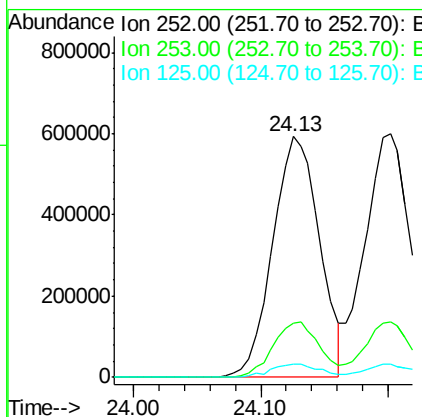
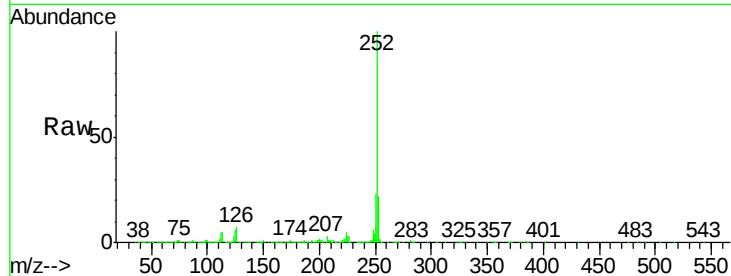




#87
Benzo(b)fluoranthene
Concen: 24.58 ng
RT: 24.13 min Scan# 3623
Delta R.T. 0.00 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

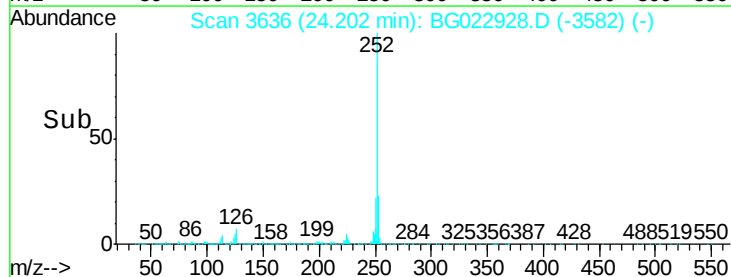
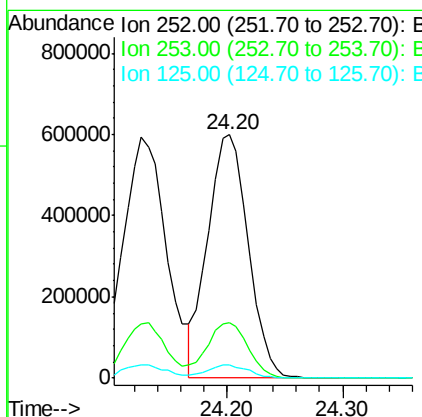
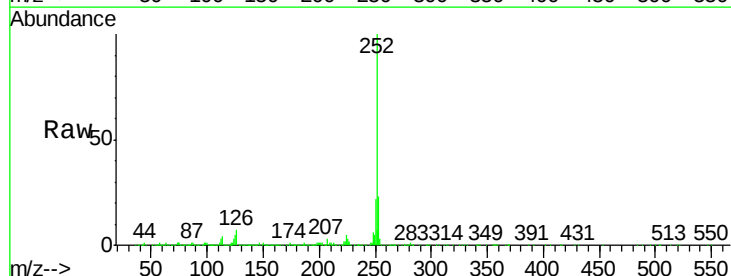
Instrument :
BNA_G
ClientSampleId :

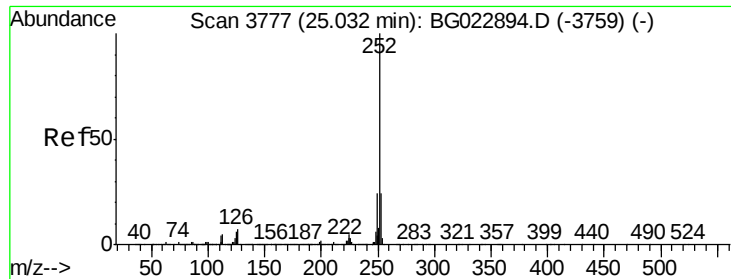
Tot Ion:252 Resp: 1521754
Ion Ratio Lower Upper
252 100
253 22.4 18.9 28.3
125 5.7 3.9 5.9



#88
Benzo(k)fluoranthene
Concen: 24.77 ng
RT: 24.20 min Scan# 3636
Delta R.T. 0.02 min
Lab File: BG022928.D
Acq: 8 Jul 2016 12:44

Tgt Ion:252 Resp: 1455375
Ion Ratio Lower Upper
252 100
253 22.6 18.8 28.2
125 5.3 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 25.16 ng

RT: 25.04 min Scan# 3778

Delta R.T. 0.00 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

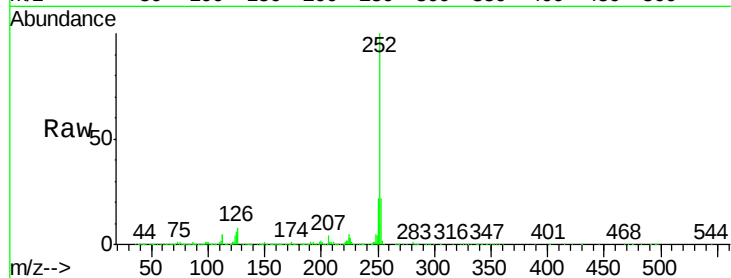
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1493377

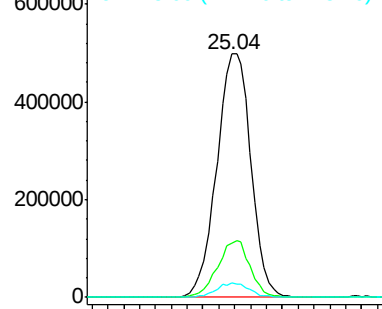
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	5.8	3.9	5.9



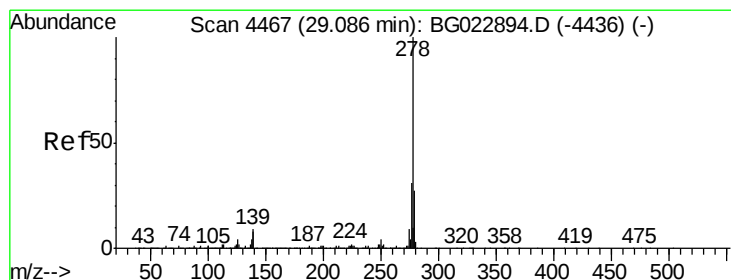
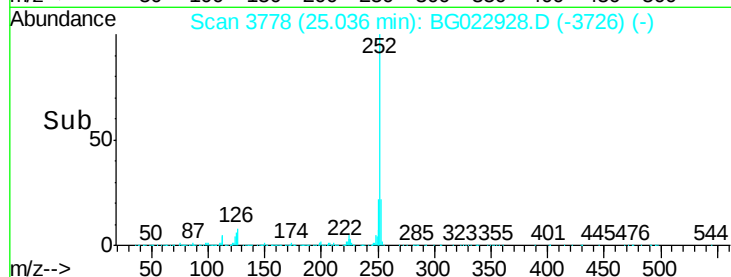
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 24.90 25.00 25.10



#90

Dibenzo(a,h)anthracene

Concen: 23.93 ng

RT: 29.10 min Scan# 4469

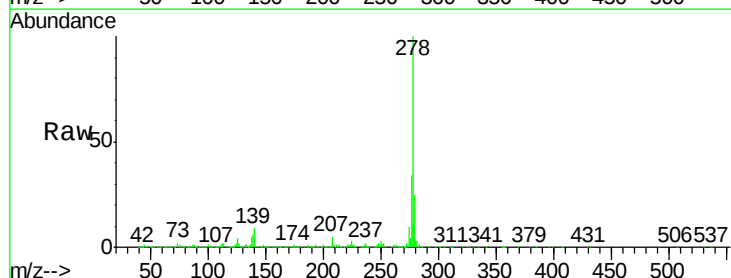
Delta R.T. 0.01 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Tgt Ion:278 Resp: 1409907

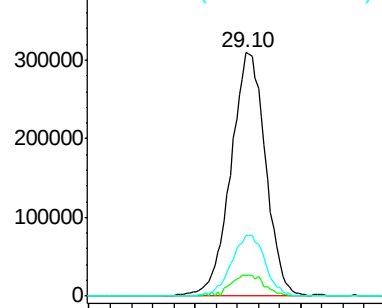
Ion	Ratio	Lower	Upper
278	100		
139	8.7	4.7	7.1#
279	24.8	18.3	27.5



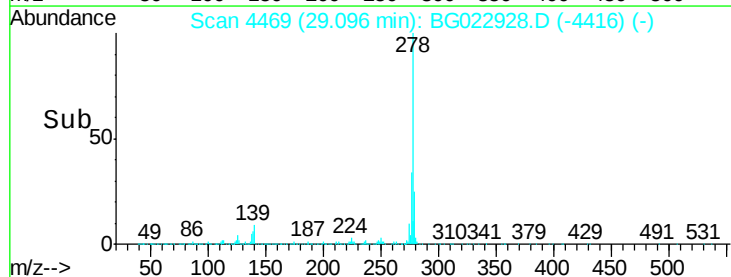
Abundance Ion 278.00 (277.70 to 278.70): E

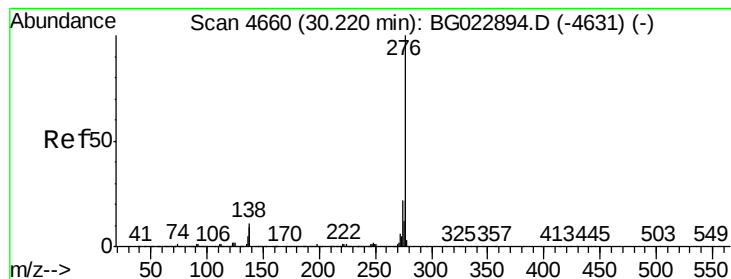
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 28.80 29.00 29.20





#91

Benzo(a,h,i)perylene

Concen: 23.75 ng

RT: 30.24 min Scan# 4664

Delta R.T. 0.02 min

Lab File: BG022928.D

Acq: 8 Jul 2016 12:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1401264

Ion Ratio Lower Upper

276 100

277 21.7 18.6 27.8

138 10.2 6.8 10.2#

