

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022943.D
 Acq On : 8 Jul 2016 23:25
 Operator : UM/SJ
 Sample : H3884-02MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 09 00:26:27 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	103187	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	486613	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	396061	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	947098	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1010072	20.00	ng	0.00
86) Perylene-d12	25.21	264	1011382	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	639250	101.32	ng	0.00
7) Phenol-d6	7.31	99	1031733	104.41	ng	0.00
23) Nitrobenzene-d5	9.32	82	691536	60.85	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	561441	78.87	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1285926	51.14	ng	0.00
78) Terphenyl-d14	20.15	244	2001697	54.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	60616	24.72	ng	# 92
3) Pyridine	3.97	79	151400	18.04	ng	97
4) n-Nitrosodimethylamine	3.88	42	84682	23.52	ng	# 91
6) Aniline	7.47	93	152012	11.10	ng	98
8) 2-Chlorophenol	7.71	128	188066	28.01	ng	97
9) Benzaldehyde	7.28	77	162913	24.67	ng	91
10) Phenol	7.34	94	309527	30.44	ng	90
11) bis(2-Chloroethyl)ether	7.56	93	200587	24.89	ng	96
12) 1,3-Dichlorobenzene	8.04	146	188964	22.99	ng	94
13) 1,4-Dichlorobenzene	8.19	146	189227	23.00	ng	99
14) 1,2-Dichlorobenzene	8.51	146	191539	23.42	ng	95
15) Benzyl Alcohol	8.39	79	257306	28.43	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	231052	23.47	ng	95
17) 2-Methylphenol	8.60	107	184101	27.82	ng	94
18) Hexachloroethane	9.25	117	78584	22.63	ng	92
19) n-Nitroso-di-n-propylamine	8.95	70	208802	23.44	ng	# 96
20) 3+4-Methylphenols	8.92	107	263620	28.56	ng	93
22) Acetophenone	8.98	105	341406	23.38	ng	# 89
24) Nitrobenzene	9.37	77	301670	24.98	ng	95
25) Isophorone	9.89	82	546804	23.92	ng	98
26) 2-Nitrophenol	10.09	139	118005	24.90	ng	# 84
27) 2,4-Dimethylphenol	10.14	122	199528	24.36	ng	87
28) bis(2-Chloroethoxy)methane	10.37	93	306239	24.02	ng	97
29) 2,4-Dichlorophenol	10.62	162	235982	27.01	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	234273	23.40	ng	98
31) Naphthalene	11.03	128	595040	24.02	ng	98
32) Benzoic acid	10.23	122	62704	8.41	ng	88
33) 4-Chloroaniline	11.14	127	88482	7.30	ng	95
34) Hexachlorobutadiene	11.31	225	176244	21.72	ng	96
35) Caprolactam	11.90	113	45862	12.76	ng	96
36) 4-Chloro-3-methylphenol	12.26	107	307645	25.75	ng	95
37) 2-Methylnaphthalene	12.63	142	484522	24.75	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	322089	18.87	ng	98
40) Hexachlorocyclopentadiene	12.97	237	508145	51.72	ng	94

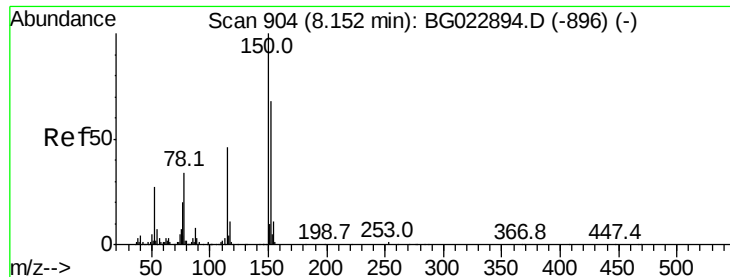
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022943.D
 Acq On : 8 Jul 2016 23:25
 Operator : UM/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	240084	24.47	nq	97
43) 2,4,5-Trichlorophenol	13.31	196	257785	25.59	nq	90
45) 1,1'-Biphenyl	13.63	154	686365	23.10	nq	98
46) 2-Chloronaphthalene	13.68	162	563771	23.39	nq	94
47) 2-Nitroaniline	13.88	65	239523	23.29	nq	96
48) Acenaphthylene	14.52	152	849679	23.50	nq	99
49) Dimethylphthalate	14.24	163	1127576	34.85	nq	98
50) 2,6-Dinitrotoluene	14.37	165	179624	24.70	nq	86
51) Acenaphthene	14.86	154	567598	24.02	nq	96
52) 3-Nitroaniline	14.70	138	103690	14.30	nq	# 79
53) 2,4-Dinitrophenol	14.91	184	193865	38.86	nq	94
54) Dibenzofuran	15.19	168	906311	25.62	nq	98
55) 4-Nitrophenol	15.02	139	364183	59.93	nq	97
56) 2,4-Dinitrotoluene	15.15	165	261214	24.64	nq	# 93
57) Fluorene	15.85	166	740326	24.32	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	261572	25.95	nq	# 98
59) Diethylphthalate	15.61	149	816953	24.82	nq	99
60) 4-Chlorophenyl-phenylether	15.83	204	432933	23.35	nq	97
61) 4-Nitroaniline	15.87	138	167078	21.30	nq	# 86
62) Azobenzene	16.13	77	851585	27.05	nq	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	151105	21.47	nq	98
65) n-Nitrosodiphenylamine	16.05	169	697953	25.58	nq	99
66) 4-Bromophenyl-phenylether	16.73	248	287732	23.35	nq	98
67) Hexachlorobenzene	16.85	284	302195	22.56	nq	98
68) Atrazine	17.00	200	306166	25.30	nq	94
69) Pentachlorophenol	17.20	266	501979	57.86	nq	97
70) Phenanthrene	17.60	178	1187579	25.59	nq	99
71) Anthracene	17.69	178	1193127	25.39	nq	95
72) Carbazole	17.96	167	1060407	26.11	nq	98
73) Di-n-butylphthalate	18.50	149	1211408	26.82	nq	97
74) Fluoranthene	19.60	202	1376268	24.16	nq	97
76) Benzidine	19.78	184	560325	19.35	nq	98
77) Pyrene	19.96	202	1359283	23.95	nq	96
79) Butylbenzylphthalate	20.83	149	548401	24.39	nq	94
80) Benzo(a)anthracene	21.83	228	1387768	24.56	nq	95
81) 3,3'-Dichlorobenzidine	21.73	252	259505	10.46	nq	97
82) Chrysene	21.90	228	1301972	24.56	nq	98
83) Bis(2-ethylhexyl)phthalate	21.70	149	1091375	34.96	nq	98
84) Di-n-octyl phthalate	22.96	149	1292636	24.83	nq	97
85) Indeno(1,2,3-cd)pyrene	29.05	276	1566363	23.17	nq	# 100
87) Benzo(b)fluoranthene	24.20	252	1367346	23.43	nq	99
88) Benzo(k)fluoranthene	24.20	252	1367346	24.69	nq	# 99
89) Benzo(a)pyrene	25.05	252	1380316	24.68	nq	98
90) Dibenzo(a,h)anthracene	29.11	278	1311261	23.62	nq	# 96
91) Benzo(g,h,i)perylene	30.25	276	1298340	23.35	nq	# 95

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

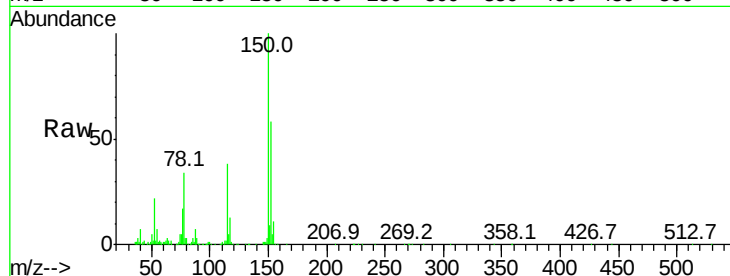


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Instrument :
BNA_G
ClientSampleId :

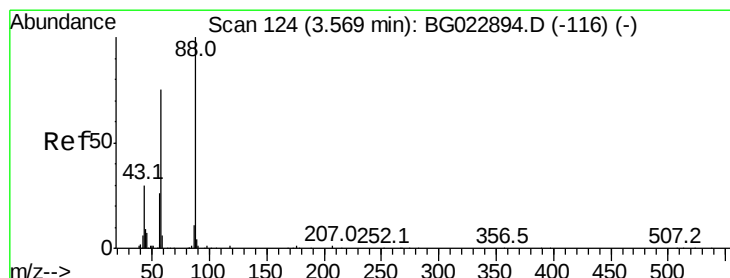
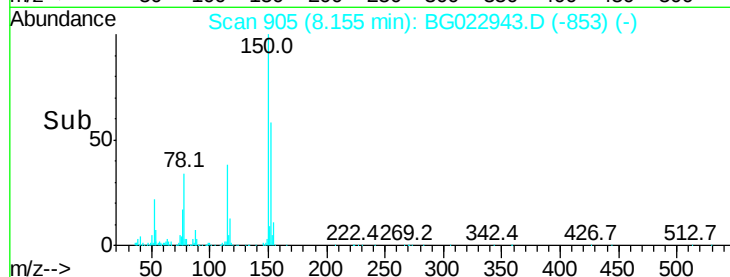
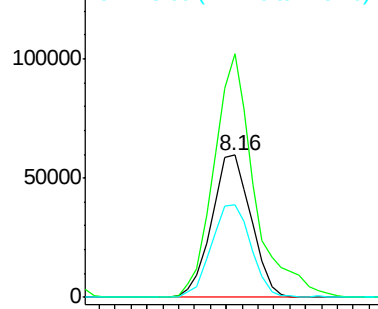
Tot Ion	Ratio	Lower	Upper
152	100		
150	171.3	144.7	217.1
115	64.7	64.0	96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

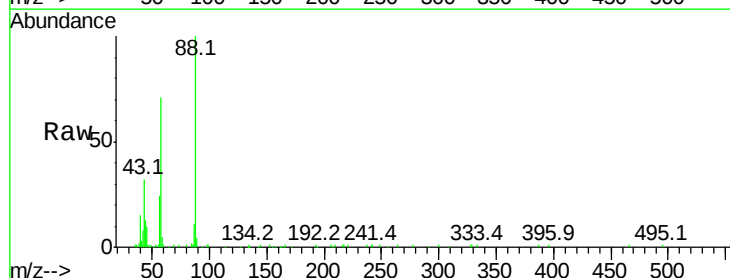
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.72 ng
RT: 3.57 min Scan# 124
Delta R.T. -0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

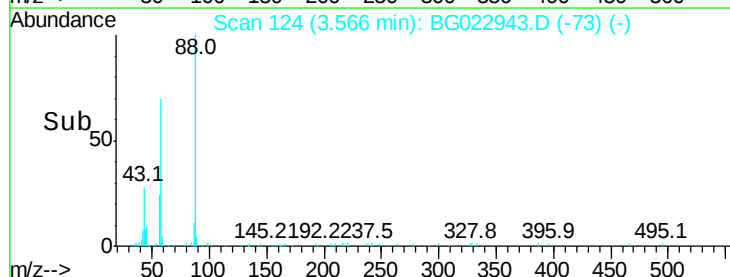
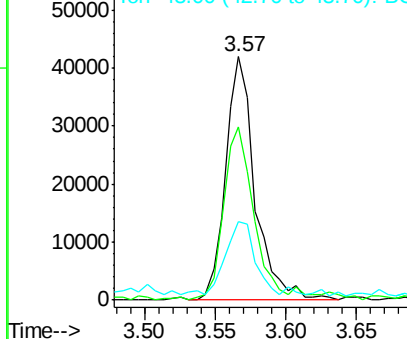
Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	60.4	90.6
43	30.0	31.1	46.7

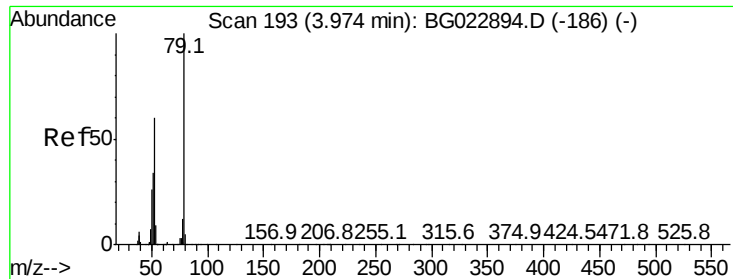


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 18.04 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampled :

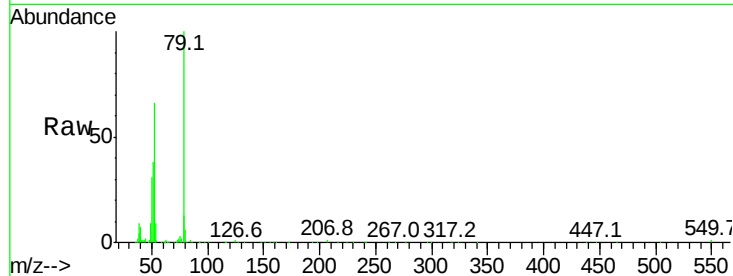
Tot Ion: 79 Resp: 151400

Ion Ratio Lower Upper

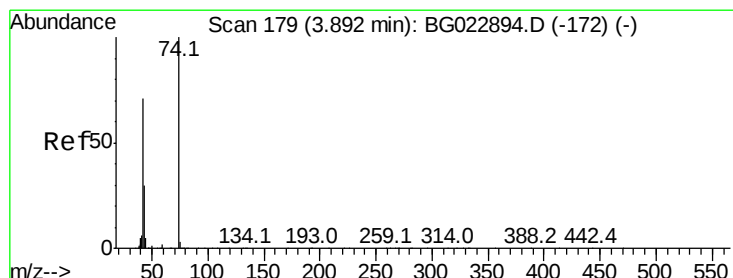
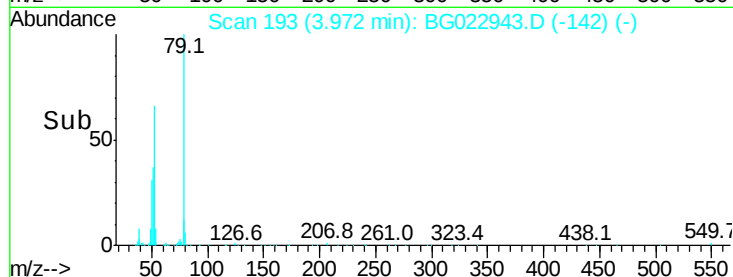
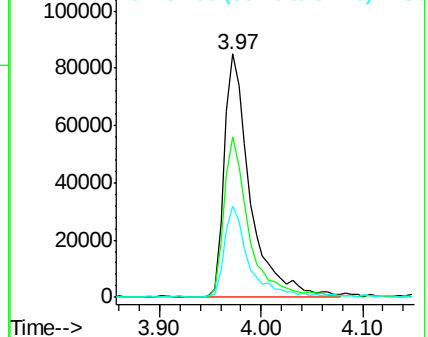
79 100

52 65.7 51.8 77.8

51 37.5 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: 23.52 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

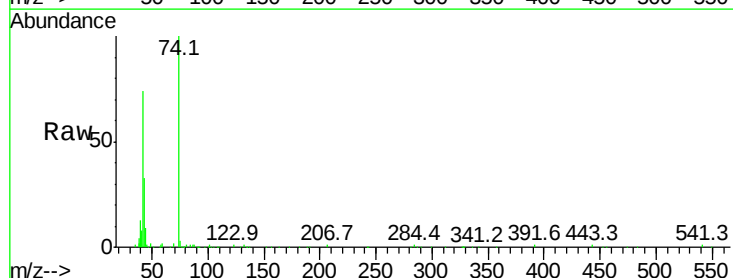
Tgt Ion: 42 Resp: 84682

Ion Ratio Lower Upper

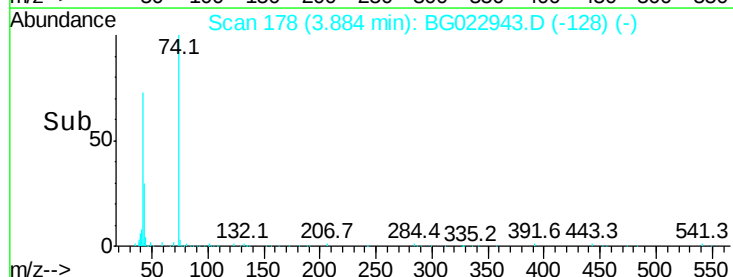
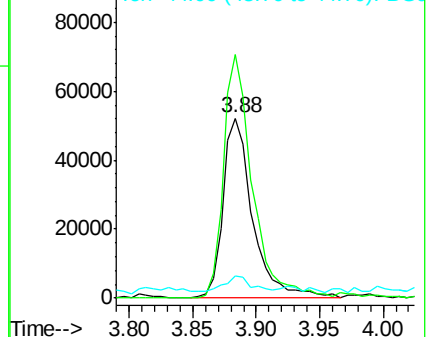
42 100

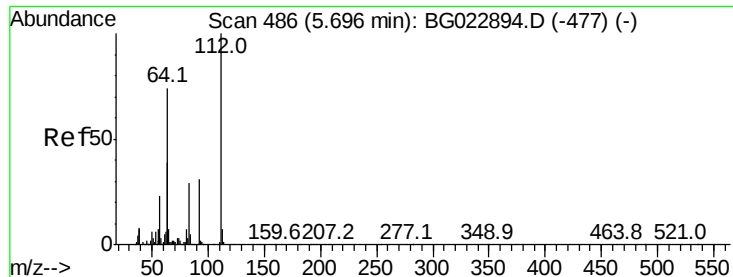
74 135.2 100.6 150.8

44 12.0 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: 101.32 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022943.D

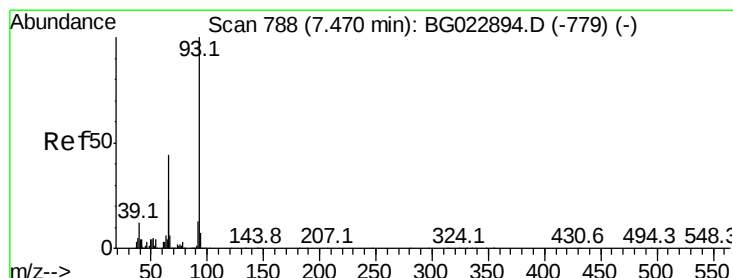
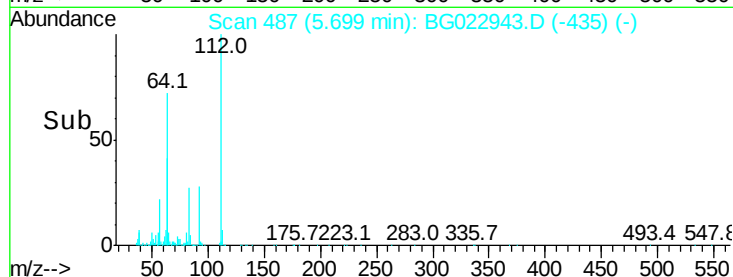
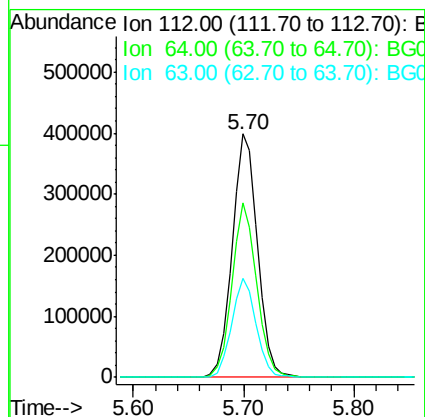
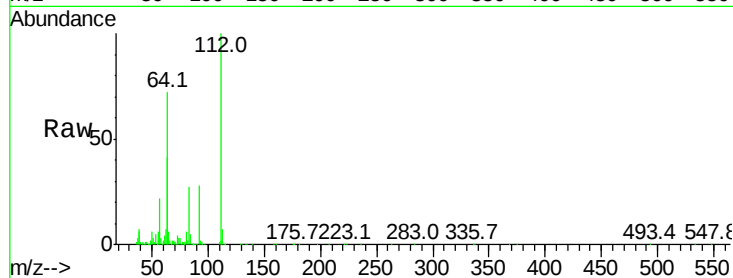
Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	639250
Ion	Ratio	Lower	Upper
112	100		
64	71.8	59.0	88.4
63	40.7	37.8	56.8



#6

Aniline

Concen: 11.10 ng

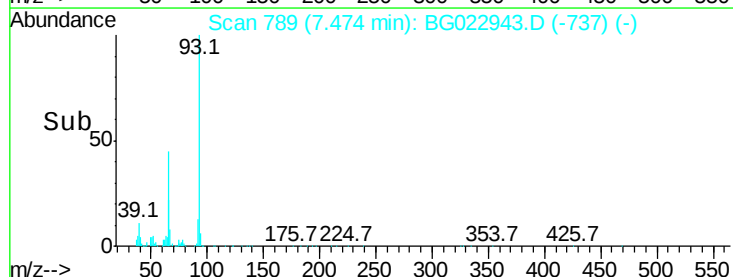
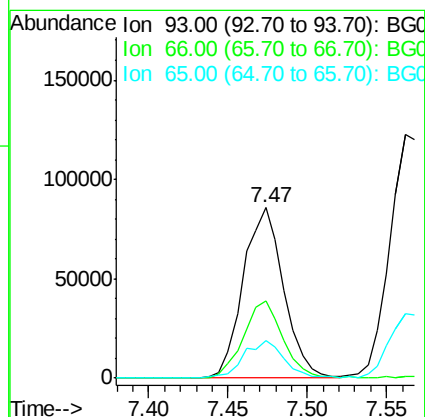
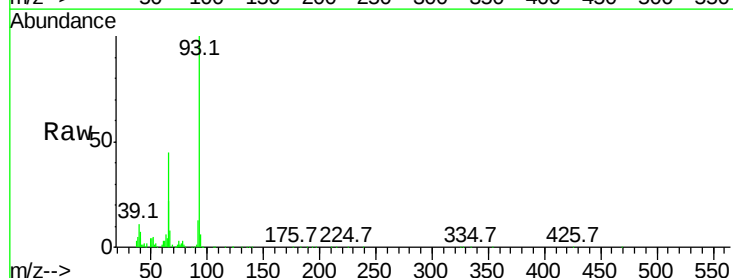
RT: 7.47 min Scan# 789

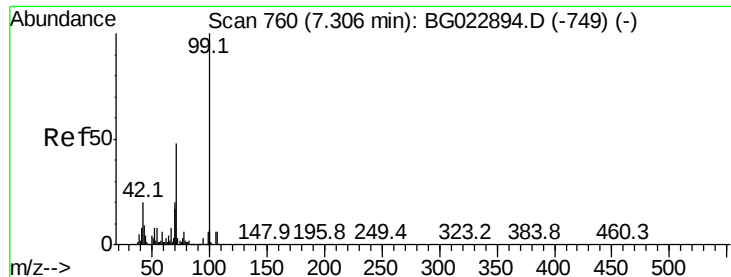
Delta R.T. 0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Tgt Ion:	93	Resp:	152012
Ion	Ratio	Lower	Upper
93	100		
66	45.4	37.5	56.3
65	22.0	17.9	26.9





#7

Phenol-d6

Concen: 104.41 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

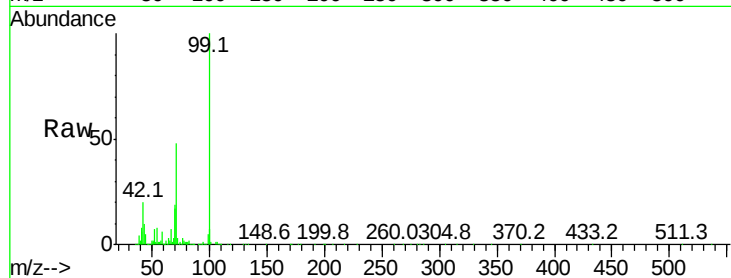
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 1031733

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.8	26.6
71	47.7	41.5	62.3

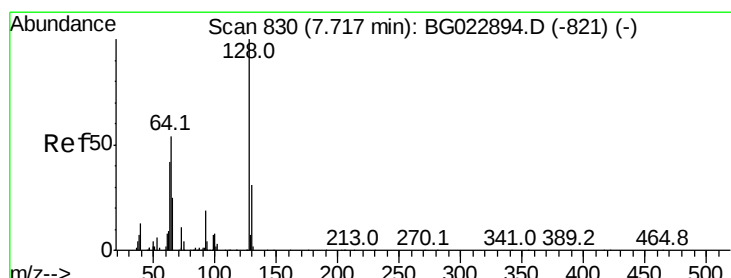
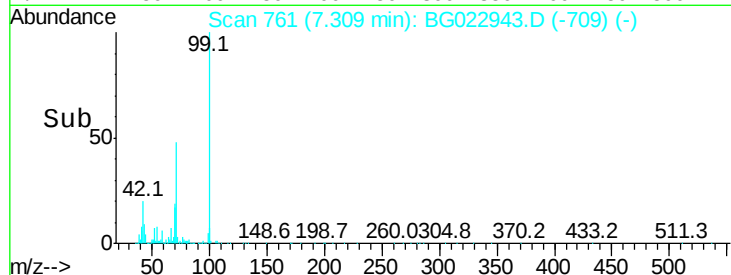


Abundance

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: 28.01 ng

RT: 7.71 min Scan# 830

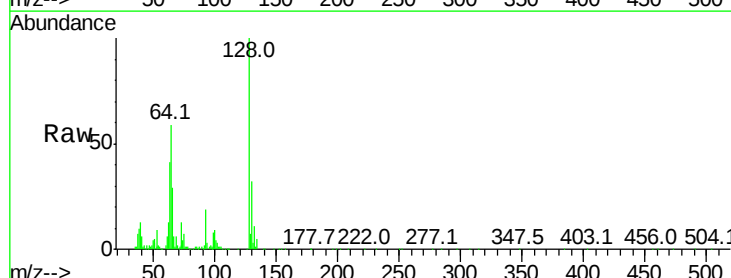
Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Tgt Ion: 128 Resp: 188066

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.9	52.9
64	59.4	42.0	82.0

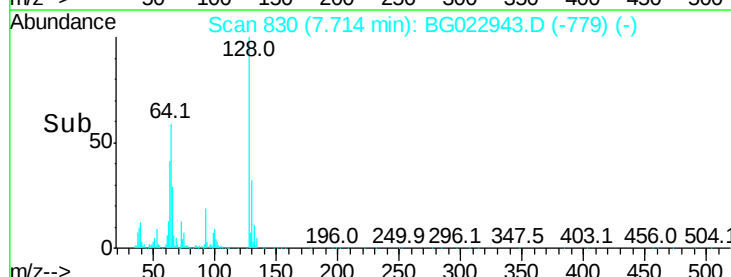


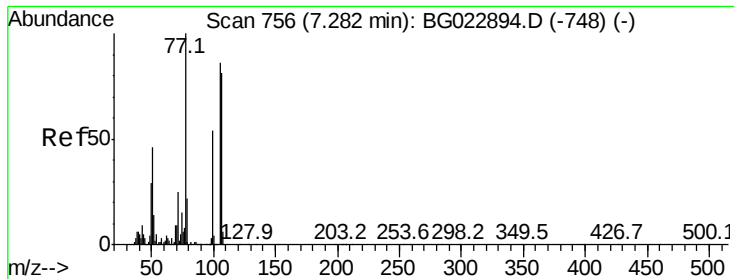
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 24.67 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampled :

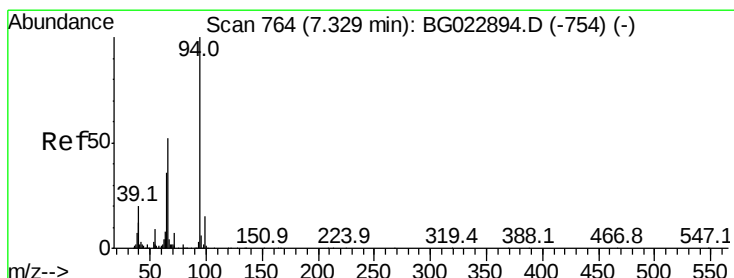
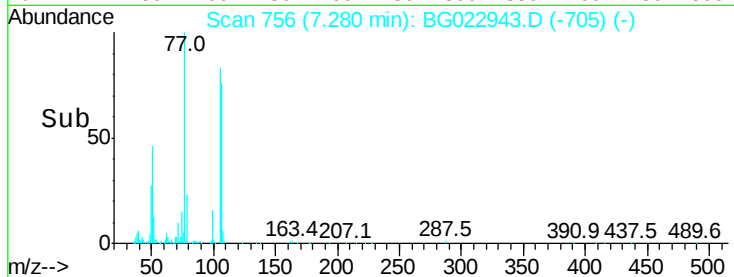
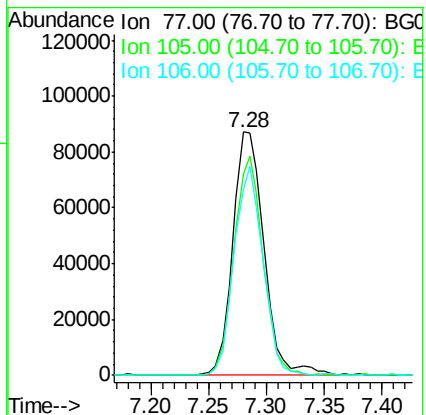
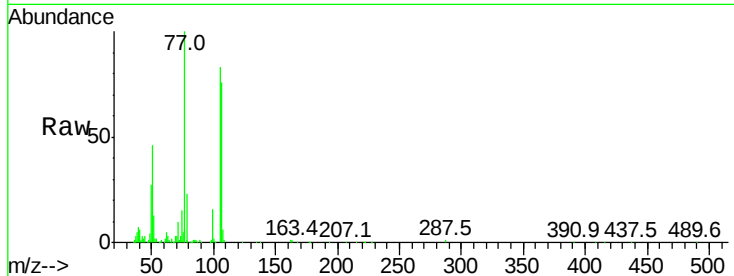
Tot Ion: 77 Resp: 162913

Ion Ratio Lower Upper

77 100

105 82.8 58.7 98.7

106 76.4 67.5 107.5



#10

Phenol

Concen: 30.44 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

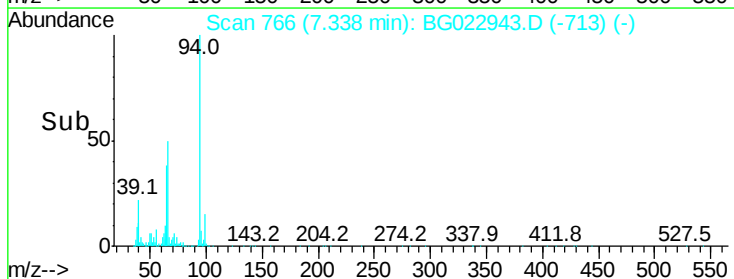
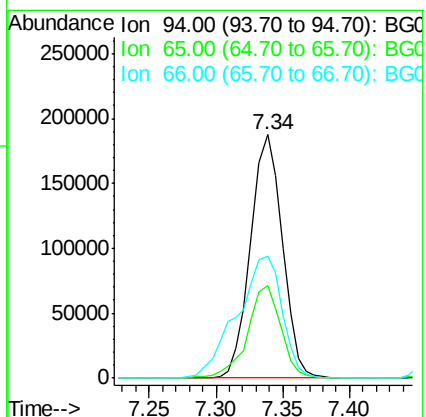
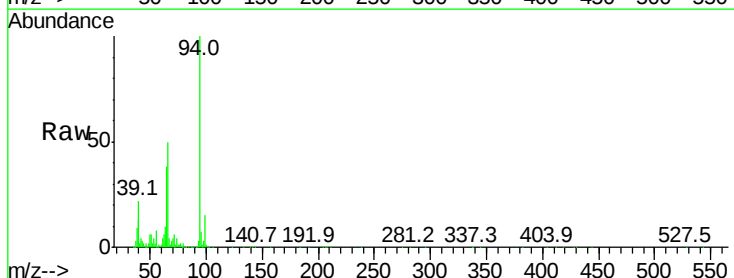
Tgt Ion: 94 Resp: 309527

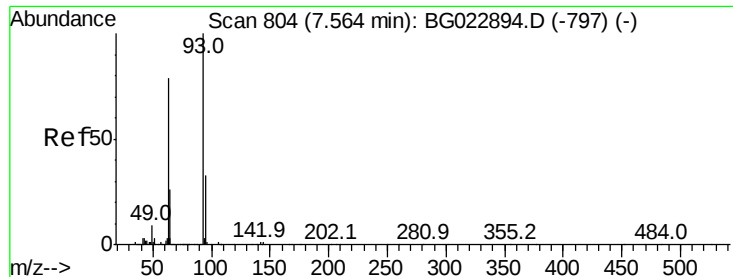
Ion Ratio Lower Upper

94 100

65 38.2 18.1 58.1

66 50.3 42.1 82.1





#11

bis(2-Chloroethyl)ether

Concen: 24.89 ng

RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

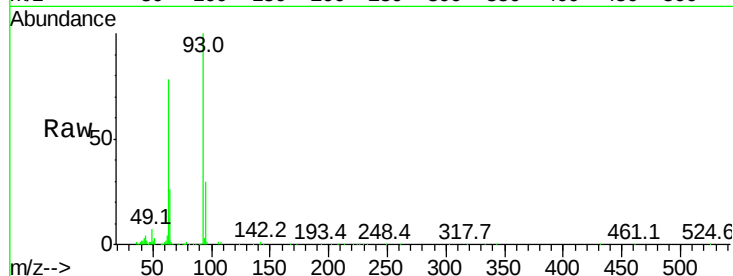
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 93 Resp: 200587

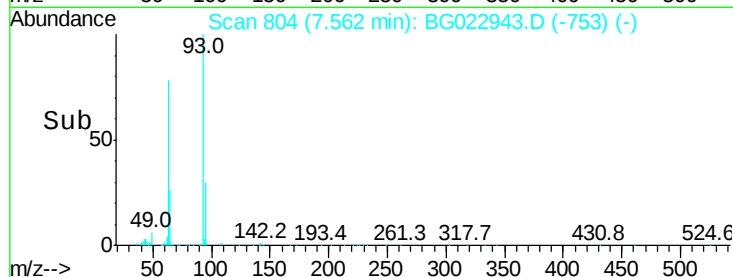
Ion	Ratio	Lower	Upper
93	100		
63	78.4	55.0	95.0
95	29.7	11.0	51.0



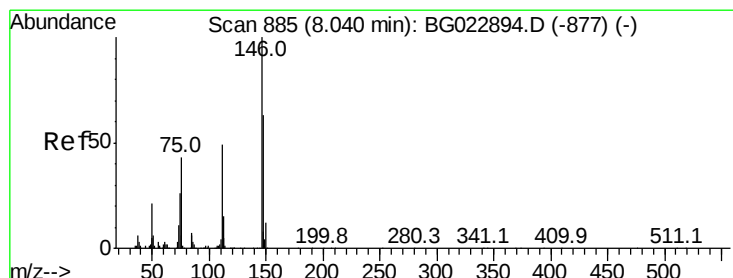
Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



Time-->



#12

1,3-Dichlorobenzene

Concen: 22.99 ng

RT: 8.04 min Scan# 886

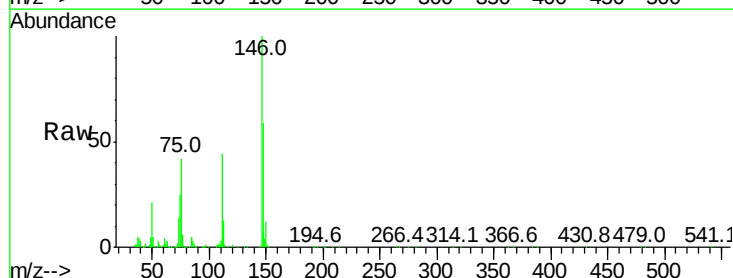
Delta R.T. 0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Tgt Ion: 146 Resp: 188964

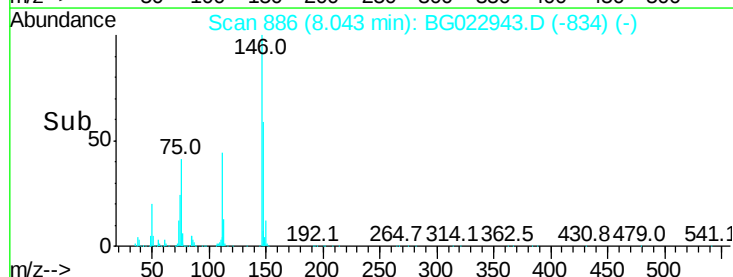
Ion	Ratio	Lower	Upper
146	100		
148	58.6	50.3	75.5
75	41.9	37.0	55.6



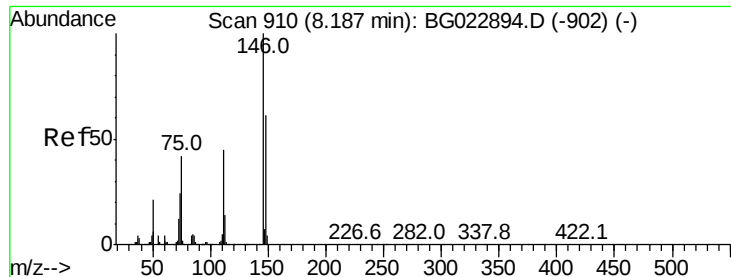
Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC



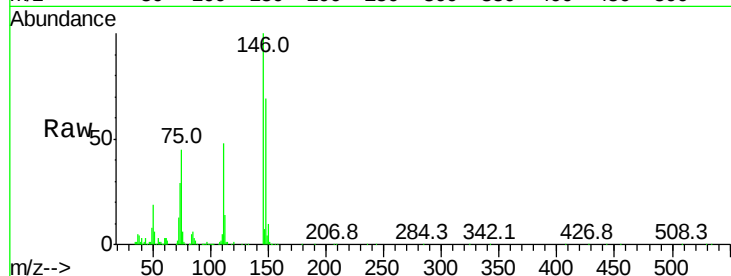
Time-->



#13
1,4-Dichlorobenzene
Concen: 23.00 ng
RT: 8.19 min Scan# 911
Delta R.T. 0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.6	54.5	81.7
111	47.8	37.8	56.8

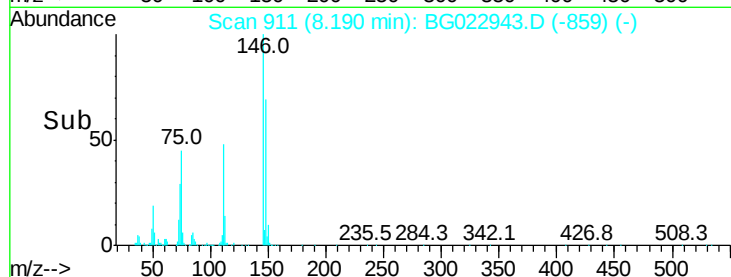
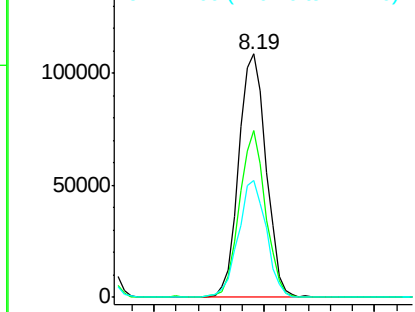


Abundance

Ion 146.00 (145.70 to 146.70): E

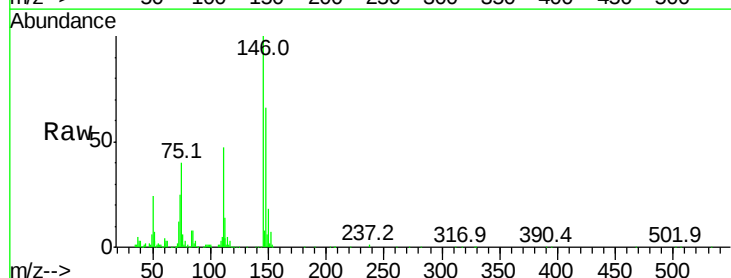
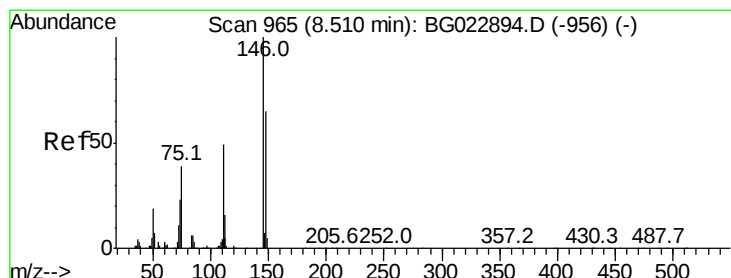
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 23.42 ng
RT: 8.51 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.9	79.3
111	46.5	43.5	65.3

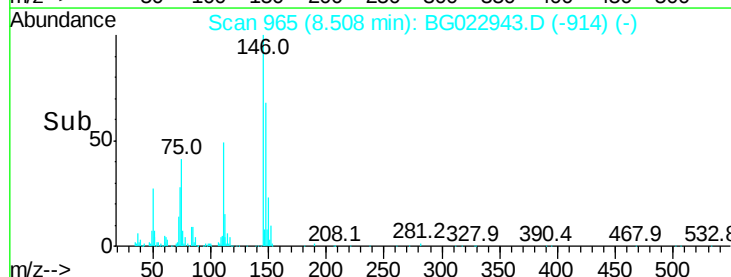
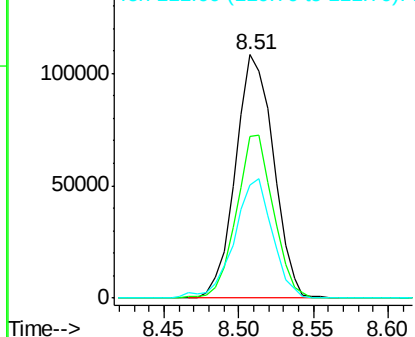


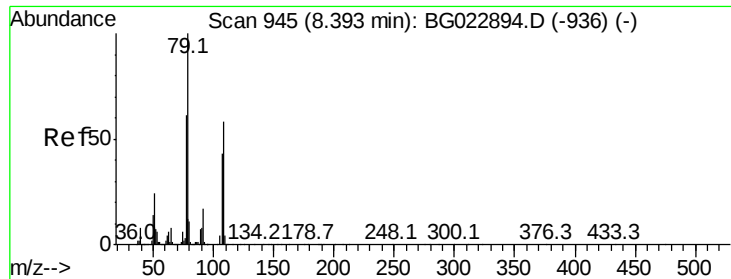
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

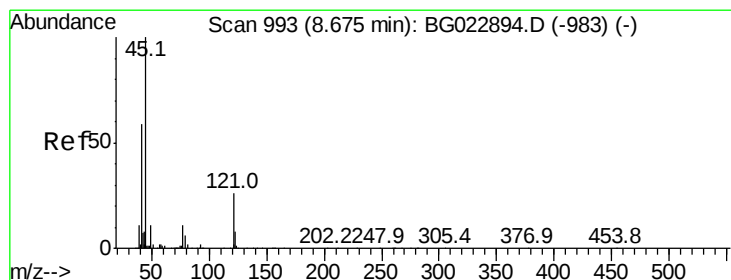
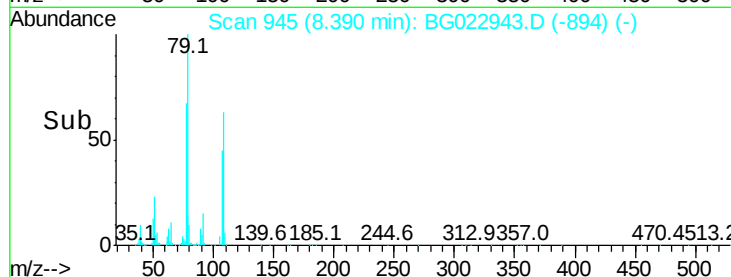
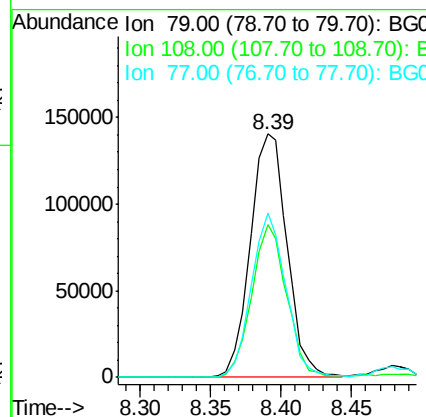
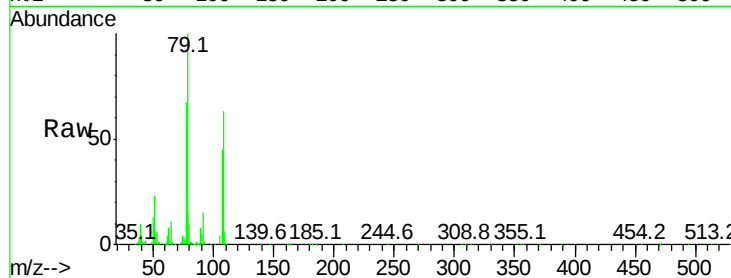




#15
Benzyl Alcohol
Concen: 28.43 ng
RT: 8.39 min Scan# 945
Delta R.T. -0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

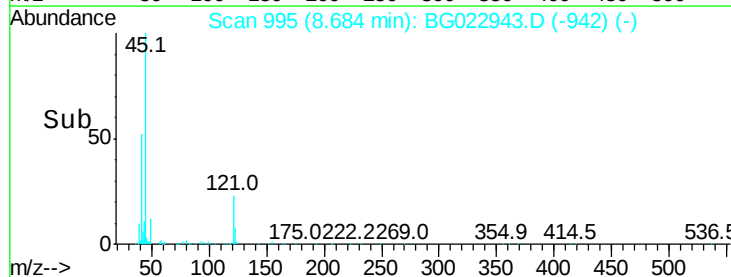
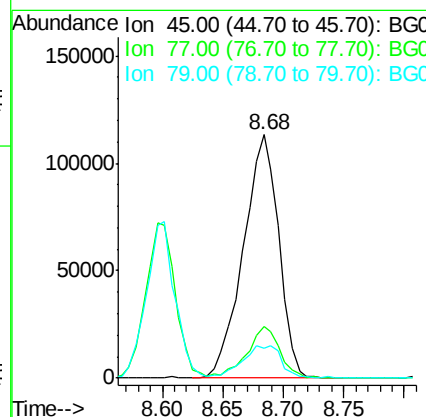
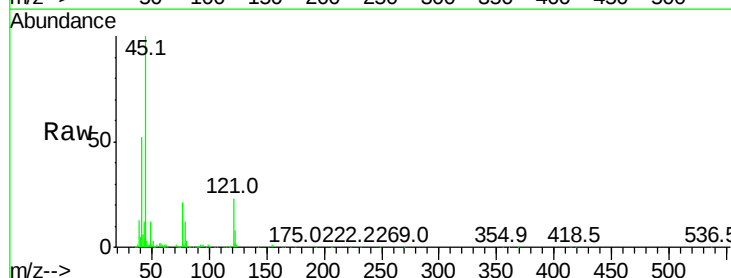
Instrument :
BNA_G
ClientSampleId :

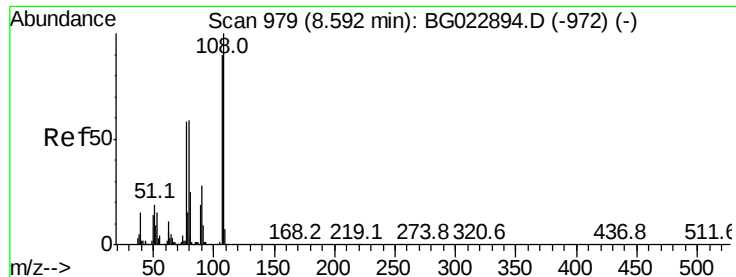
Tot Ion	Ratio	Lower	Upper
79	100		
108	62.9	46.5	69.7
77	67.2	52.3	78.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 23.47 ng
RT: 8.68 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.4	0.6	40.6
79	12.5	0.0	36.2





#17

2-Methylphenol

Concen: 27.82 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 184101

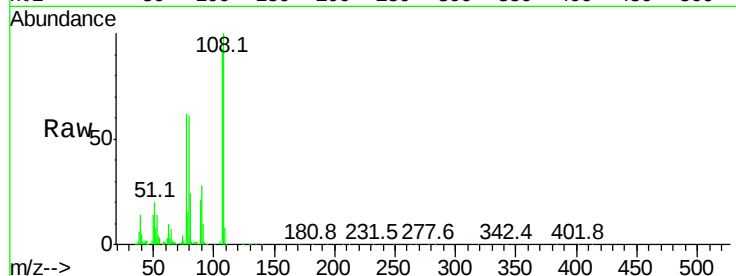
Ion Ratio Lower Upper

107 100

108 107.2 92.0 138.0

77 66.2 55.8 83.6

79 65.0 55.0 82.6

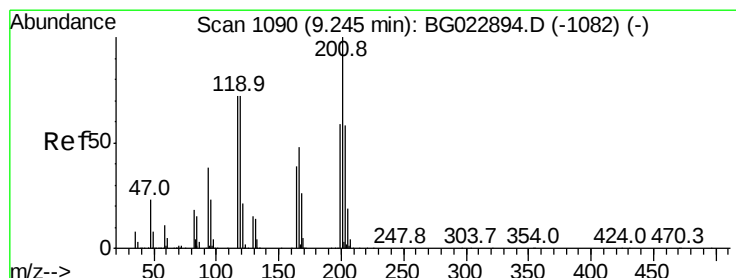
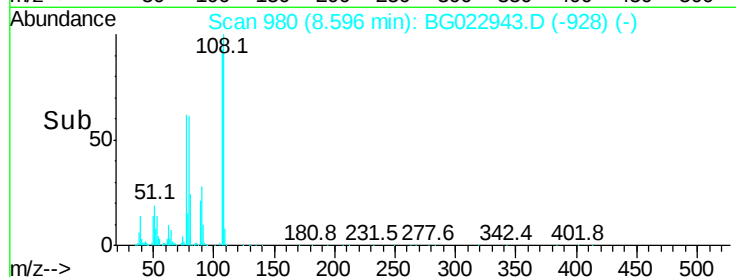
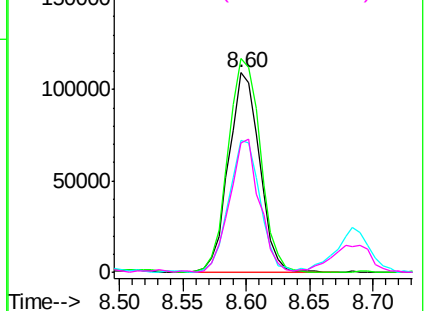


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 22.63 ng

RT: 9.25 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

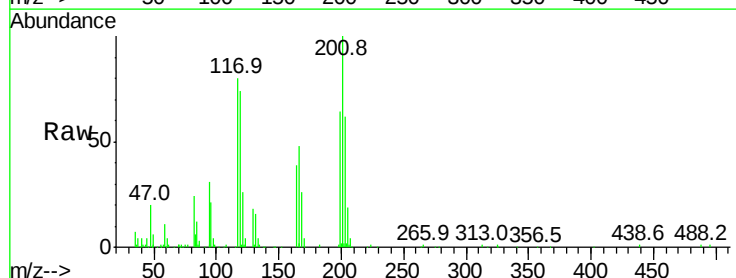
Tgt Ion:117 Resp: 78584

Ion Ratio Lower Upper

117 100

119 92.3 73.7 110.5

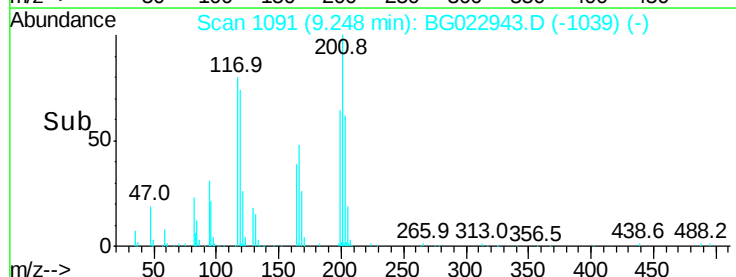
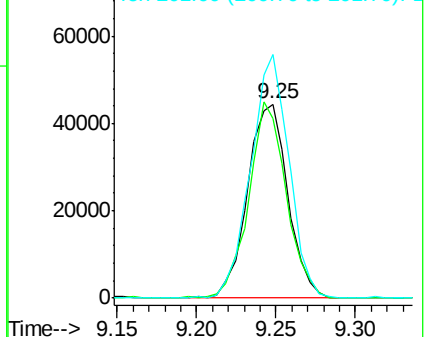
201 125.5 88.7 133.1

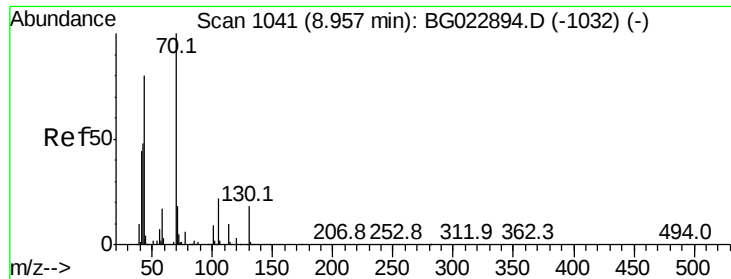


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

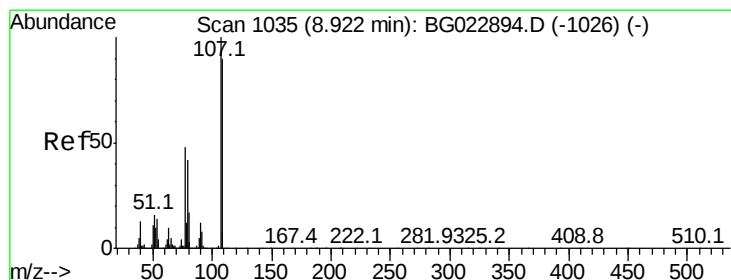
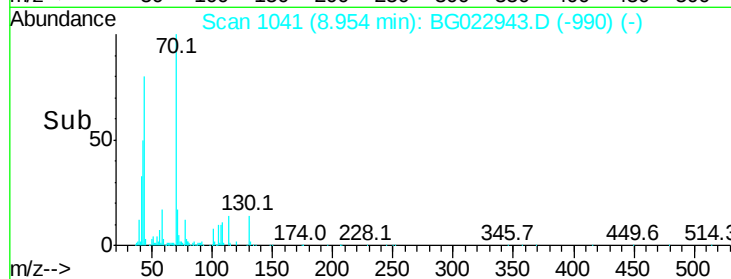
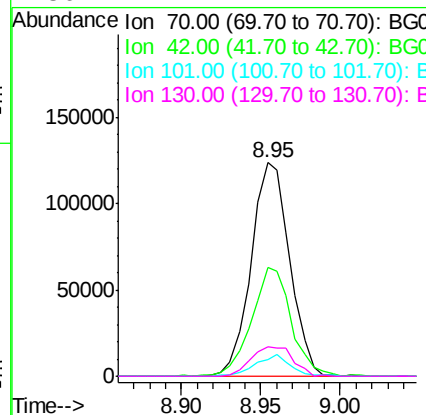
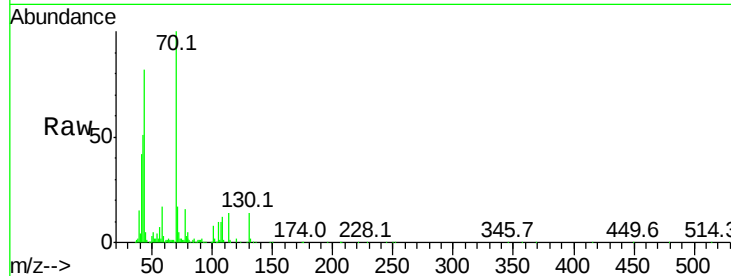




#19
n-Nitroso-di-n-propylamine
Concen: 23.44 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

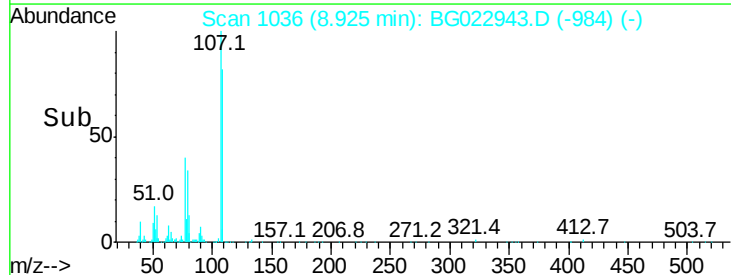
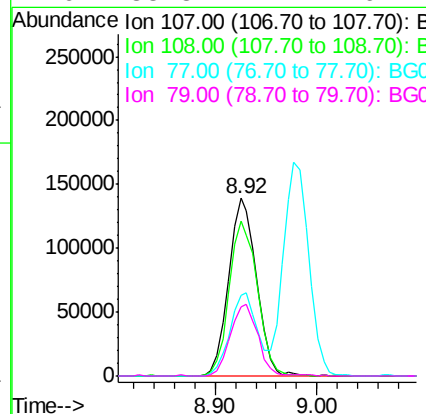
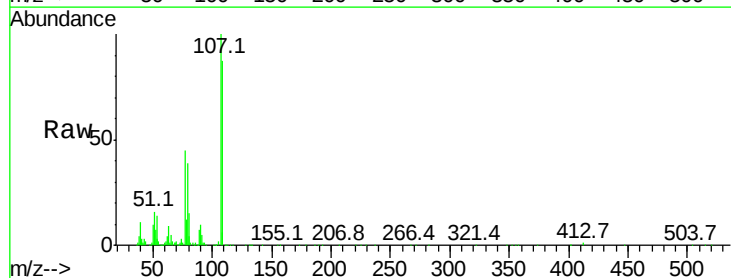
Instrument :
BNA_G
ClientSampleId :

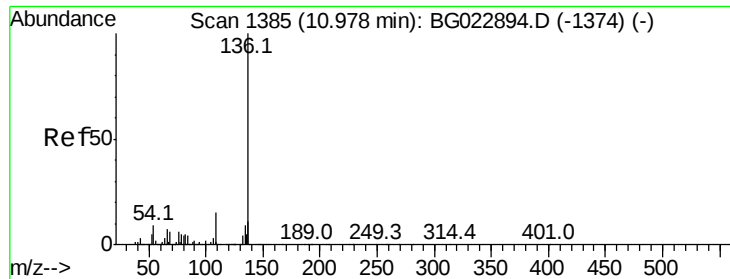
Tot Ion: 70 Resp: 208802
Ion Ratio Lower Upper
70 100
42 50.9 42.1 63.1
101 7.6 7.2 10.8
130 14.1 14.2 21.2#



#20
3+4-Methylphenols
Concen: 28.56 ng
RT: 8.92 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Tgt Ion: 107 Resp: 263620
Ion Ratio Lower Upper
107 100
108 86.9 72.5 112.5
77 45.4 30.1 70.1
79 38.8 24.2 64.2

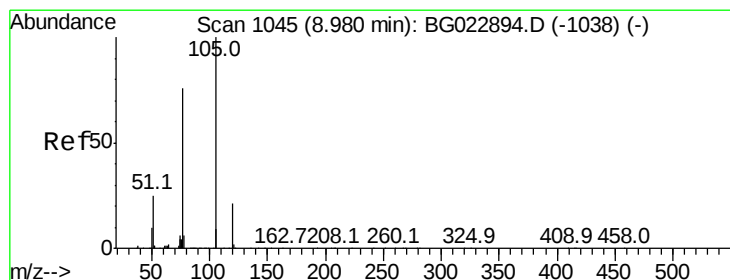
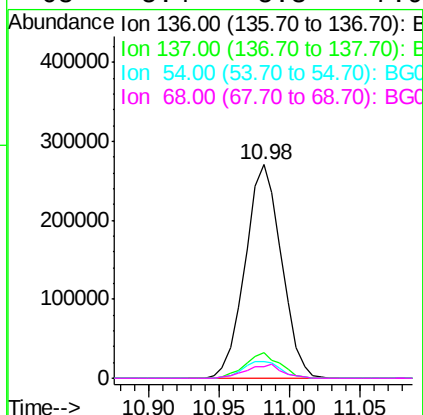
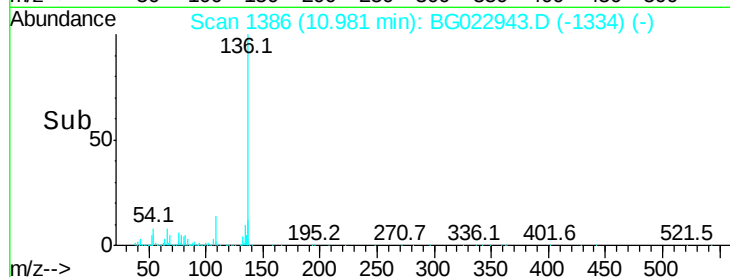
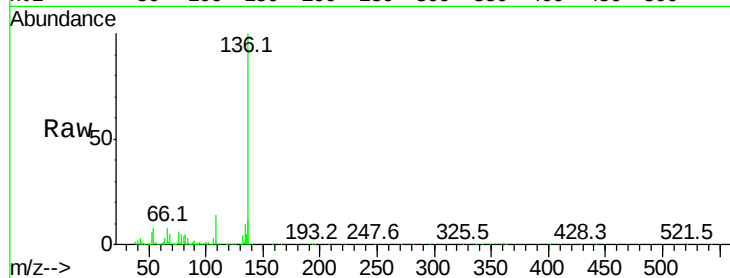




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

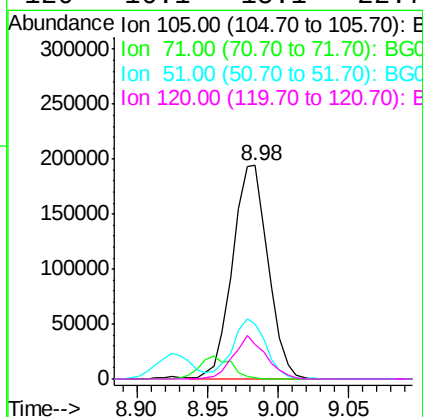
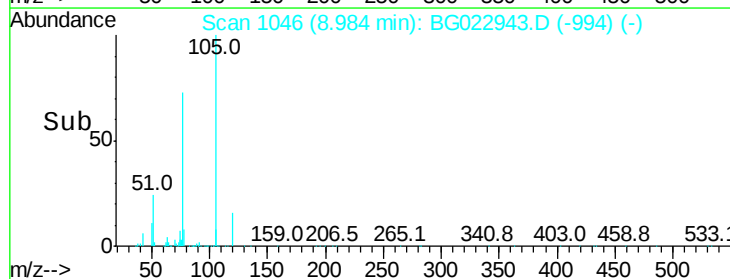
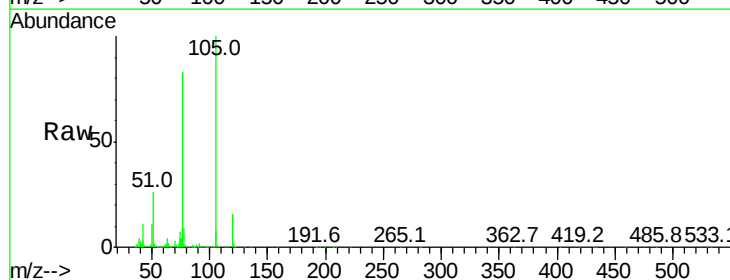
Instrument :
BNA_G
ClientSampleId :

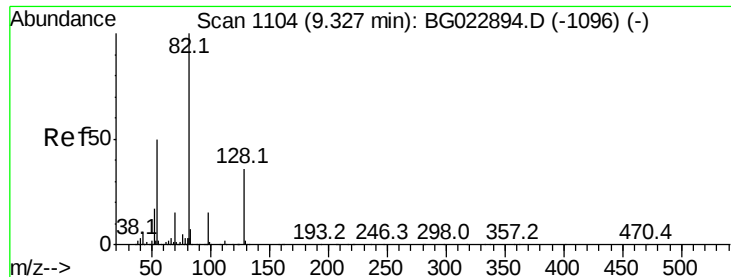
Tot Ion:136	Resp: 486613
Ion Ratio	Lower Upper
136 100	
137 12.1	9.6 14.4
54 8.1	7.3 10.9
68 5.4	5.3 7.9



#22
Acetophenone
Concen: 23.38 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Tgt	Ion:105	Resp:	341406
Ion	Ratio	Lower	Upper
105	100		
71	0.7	2.6	3.8#
51	25.8	27.1	40.7#
120	16.1	15.1	22.7

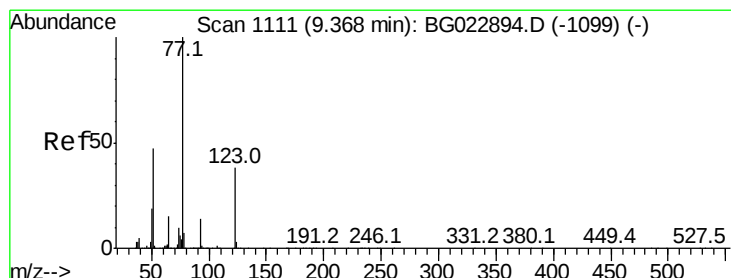
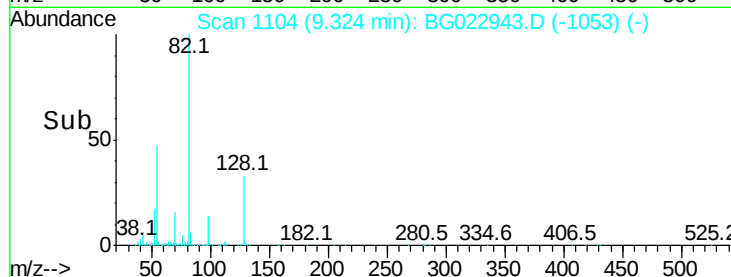
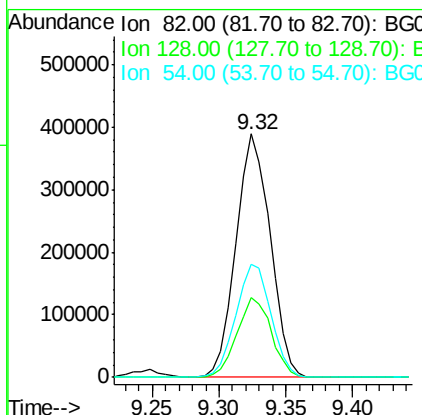
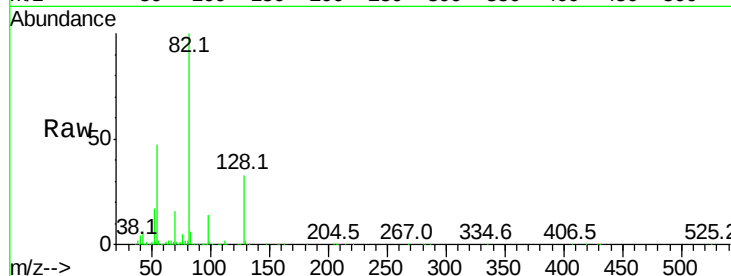




#23
 Nitrobenzene-d5
 Concen: 60.85 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

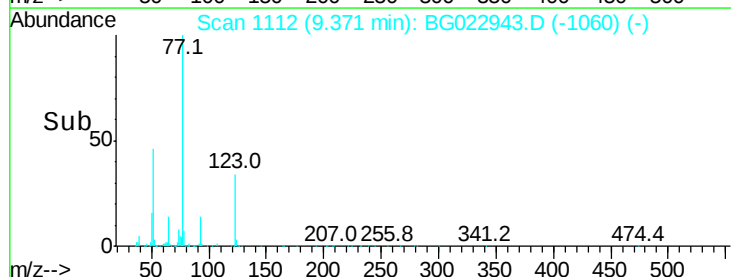
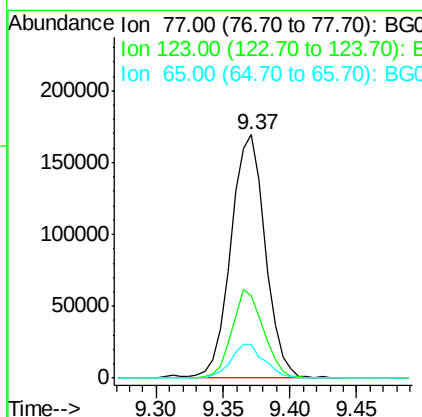
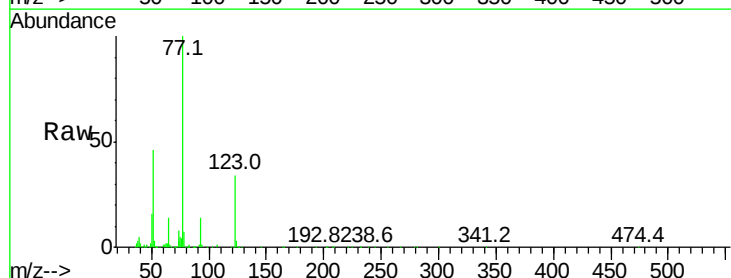
Instrument :
 BNA_G
 ClientSampleId :

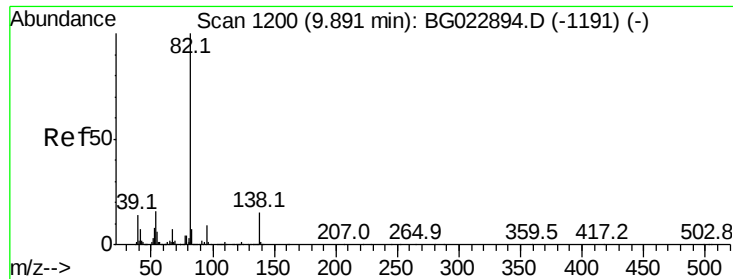
Tot Ion: 82 Resp: 691536
 Ion Ratio Lower Upper
 82 100
 128 33.0 24.4 36.6
 54 46.6 41.4 62.0



#24
 Nitrobenzene
 Concen: 24.98 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

Tgt Ion: 77 Resp: 301670
 Ion Ratio Lower Upper
 77 100
 123 33.8 25.0 37.6
 65 13.6 13.4 20.0





#25

Isophorone

Concen: 23.92 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampleId :

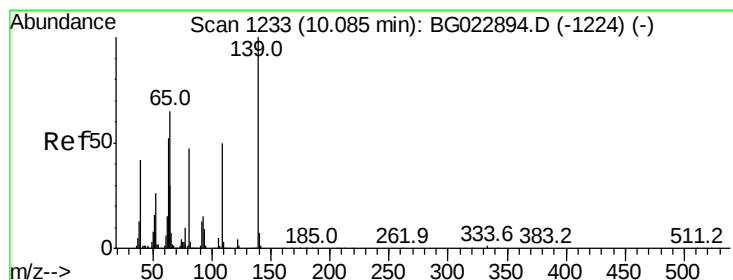
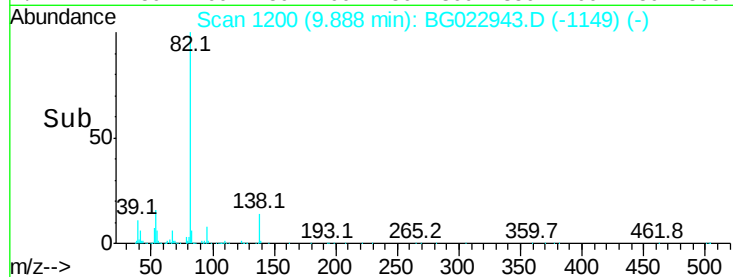
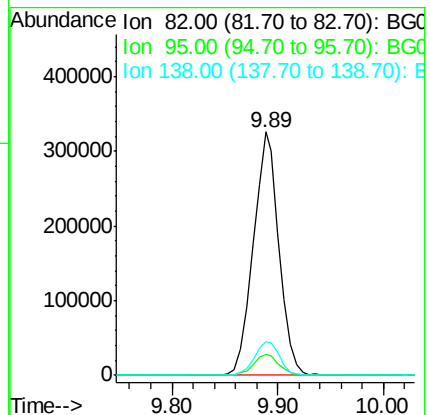
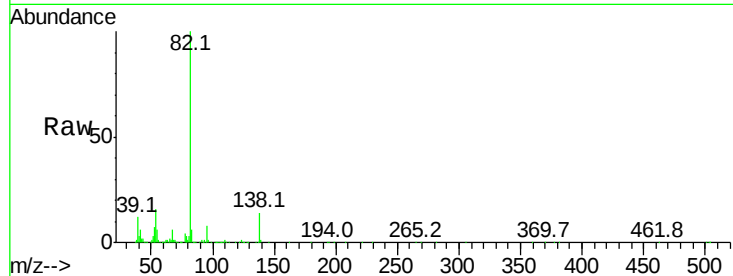
Tot Ion: 82 Resp: 546804

Ion Ratio Lower Upper

82 100

95 8.5 8.2 12.2

138 13.6 10.7 16.1



#26

2-Nitrophenol

Concen: 24.90 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

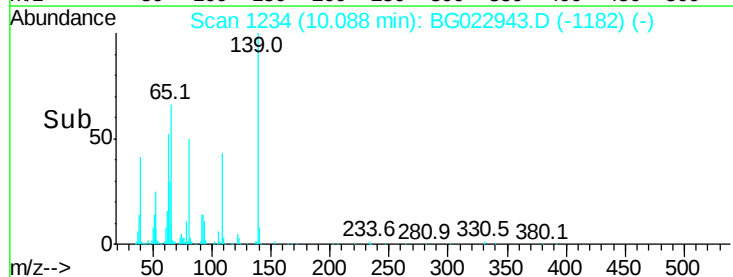
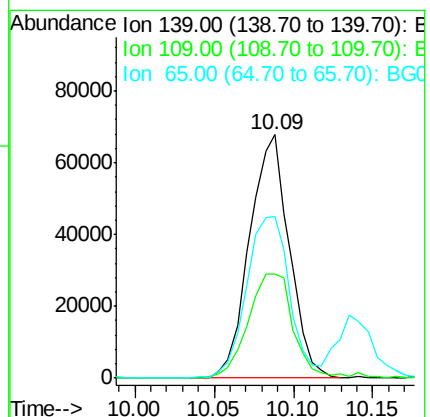
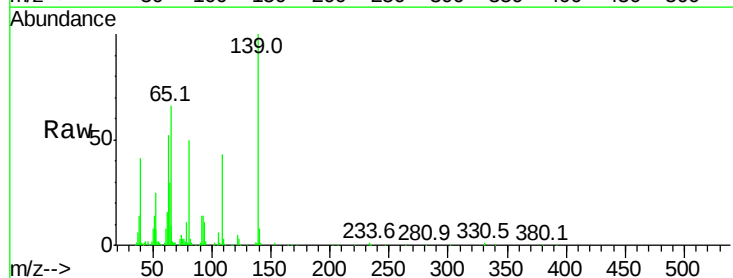
Tgt Ion: 139 Resp: 118005

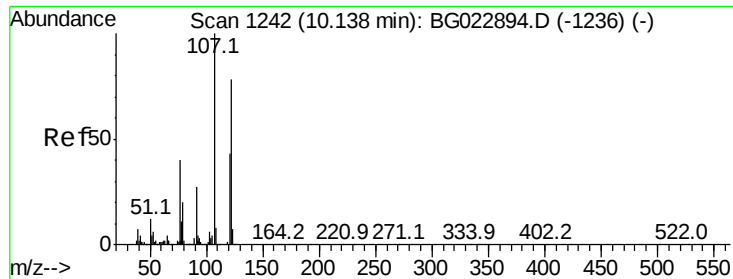
Ion Ratio Lower Upper

139 100

109 43.0 43.5 65.3#

65 66.4 64.3 96.5

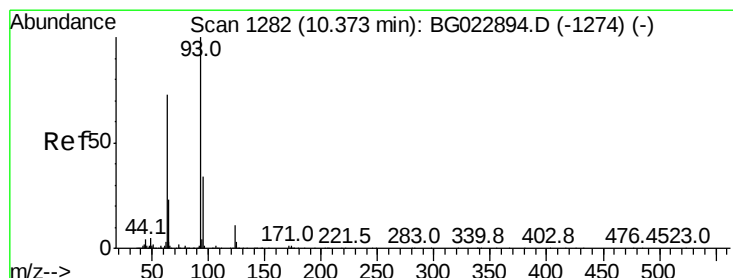
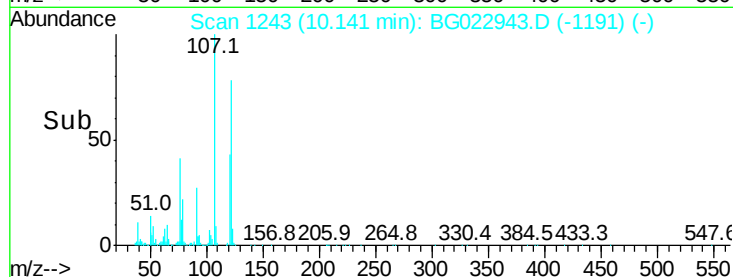
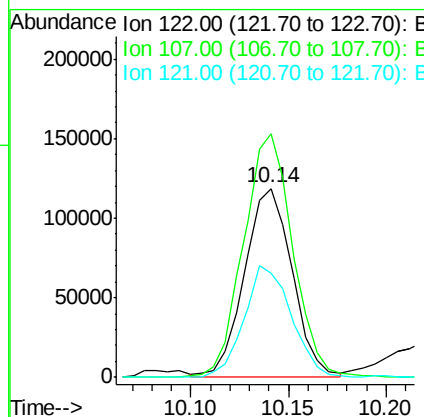
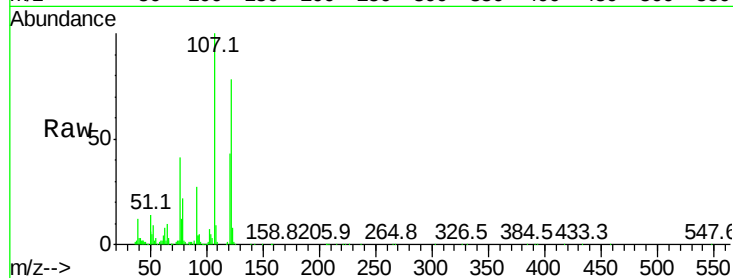




#27
2,4-Dimethylphenol
Concen: 24.36 ng
RT: 10.14 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

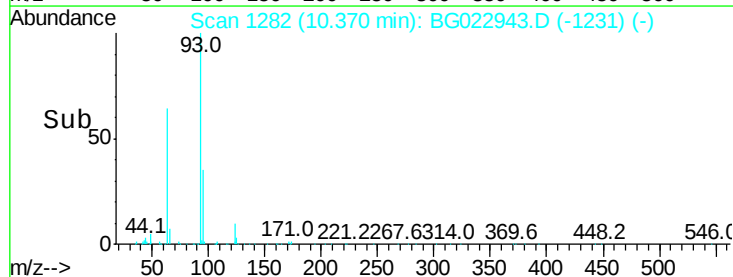
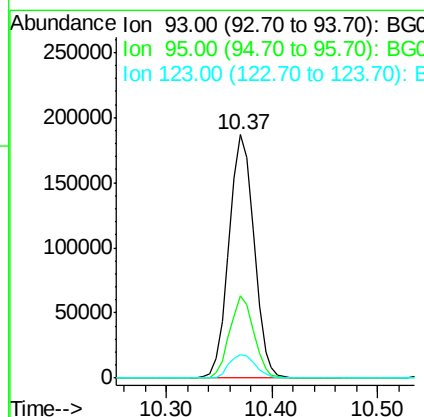
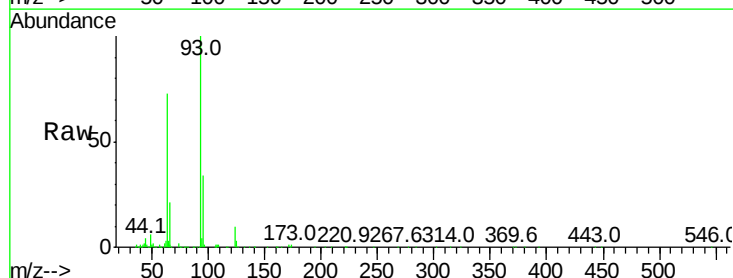
Instrument :
BNA_G
ClientSampleId :

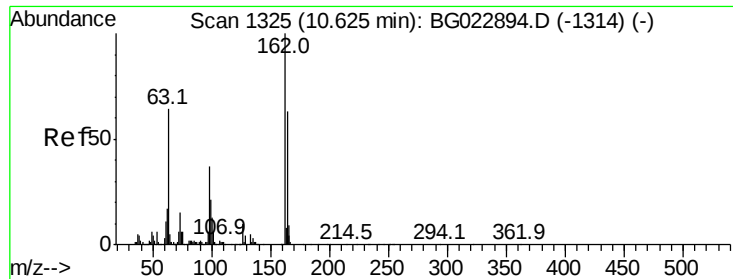
Tot Ion:122 Resp: 199528
Ion Ratio Lower Upper
122 100
107 128.9 117.0 175.4
121 55.2 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 24.02 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Tgt Ion: 93 Resp: 306239
Ion Ratio Lower Upper
93 100
95 33.8 25.4 38.2
123 9.7 8.2 12.2

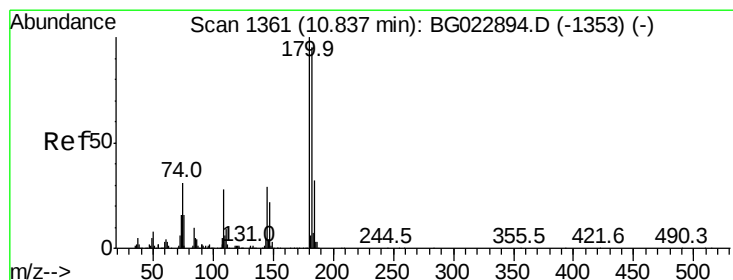
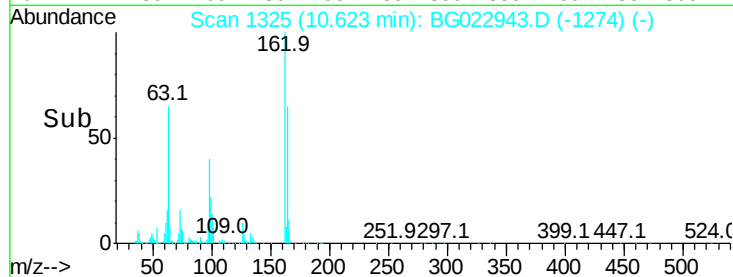
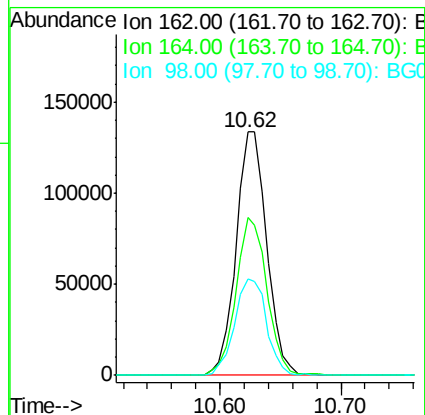
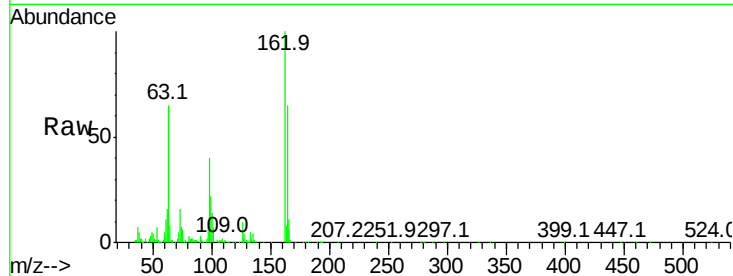




#29
 2,4-Dichlorophenol
 Concen: 27.01 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

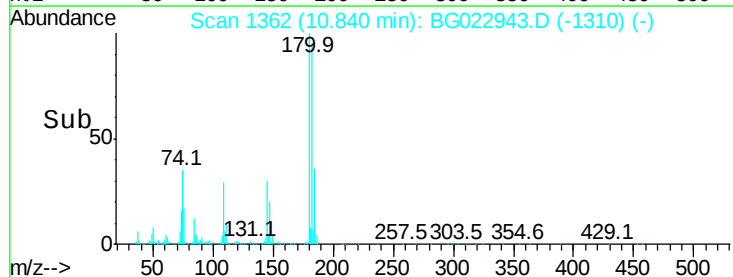
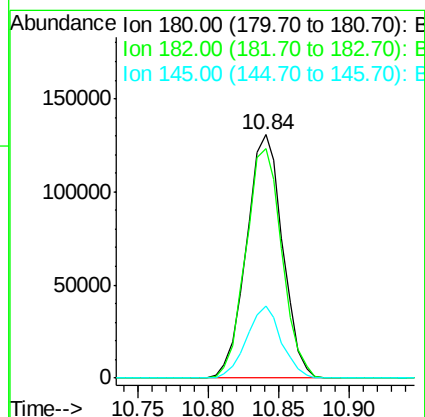
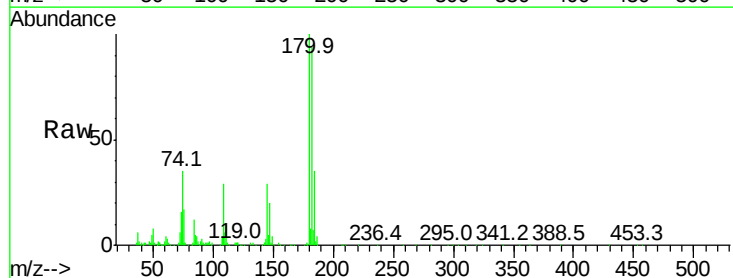
Instrument :
 BNA_G
 ClientSampleId :

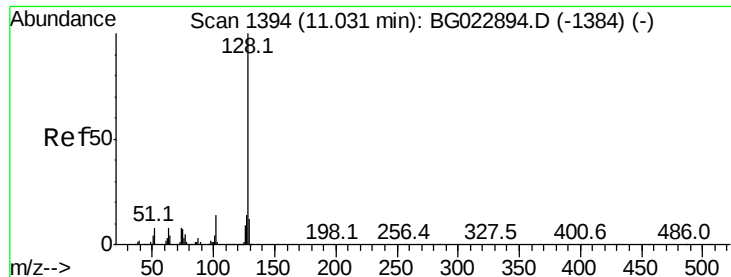
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.3	84.3
98	39.6	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 23.40 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	73.8	110.8
145	29.5	24.4	36.6

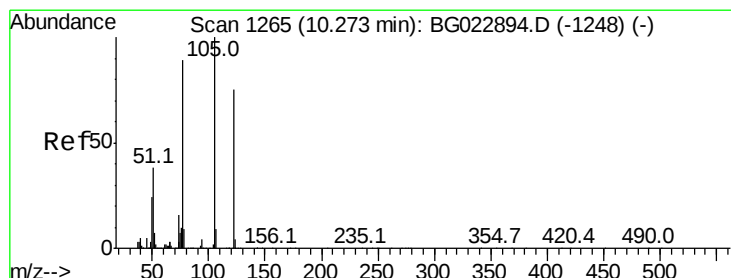
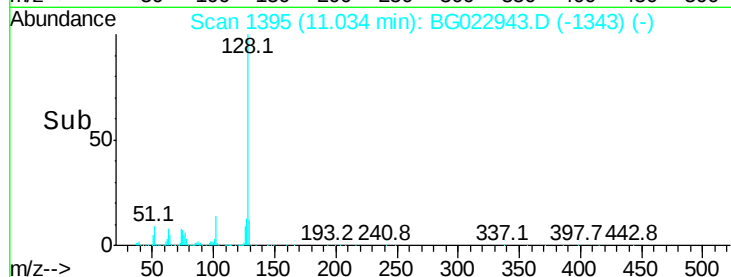
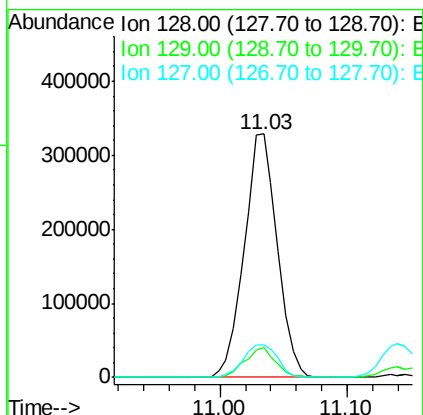
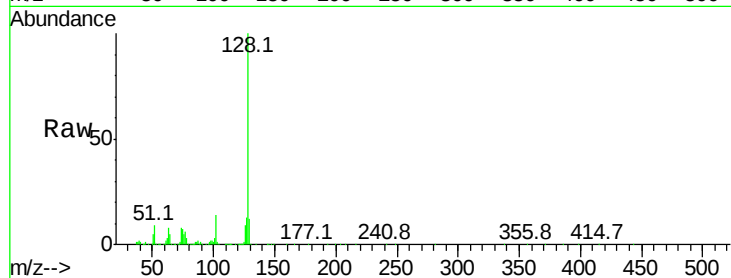




#31
Naphthalene
Concen: 24.02 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

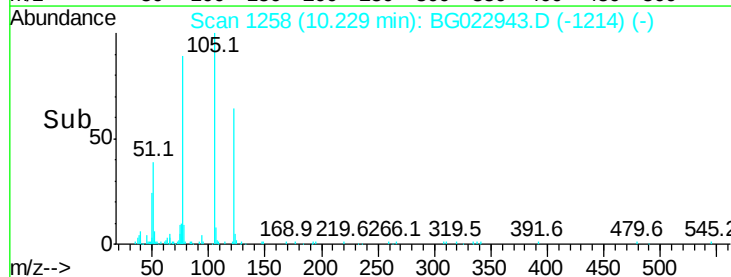
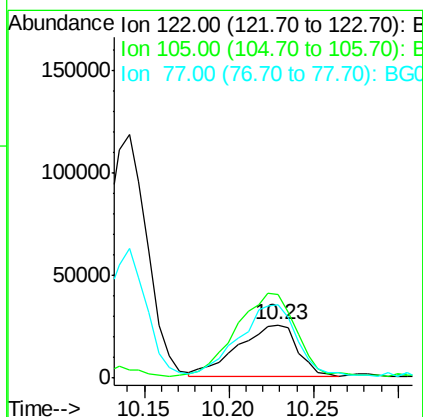
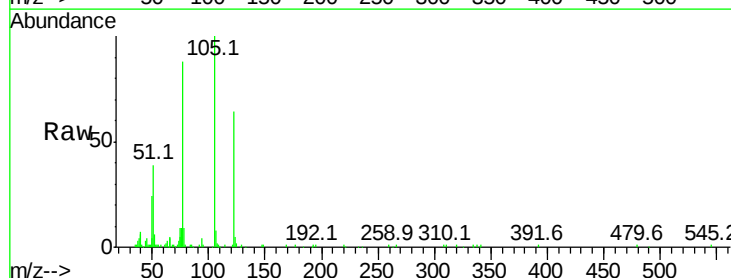
Instrument :
BNA_G
ClientSampleId :

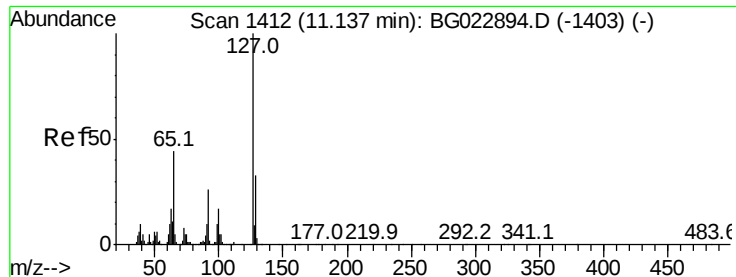
Tot Ion:128 Resp: 595040
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 13.2 11.3 16.9



#32
Benzoic acid
Concen: 8.41 ng
RT: 10.23 min Scan# 1258
Delta R.T. -0.04 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Tgt Ion:122 Resp: 62704
Ion Ratio Lower Upper
122 100
105 156.8 117.2 157.2
77 138.4 109.2 149.2

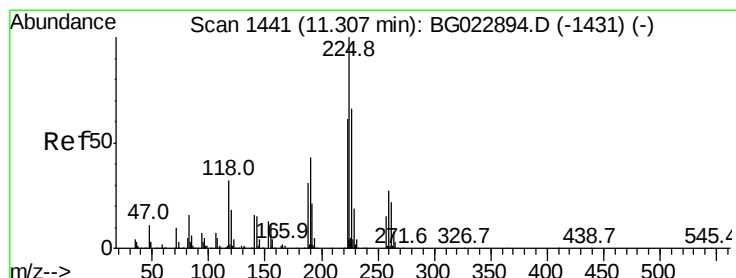
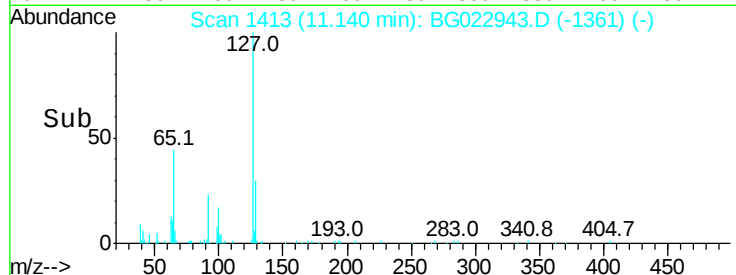
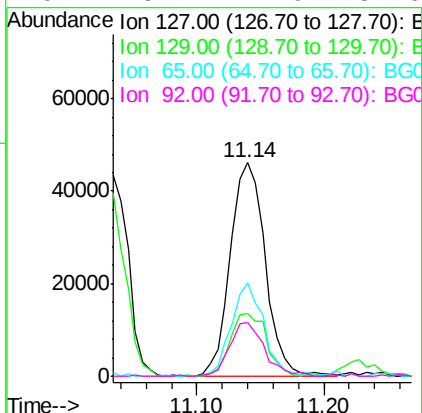
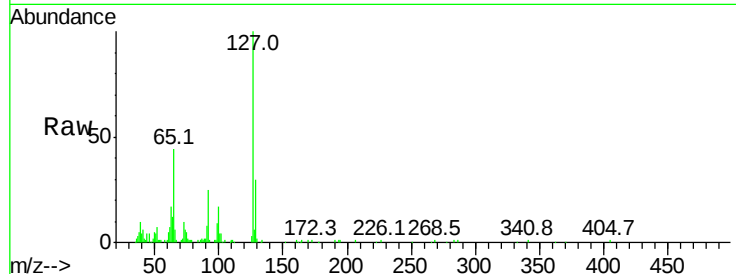




#33
4-Chloroaniline
Concen: 7.30 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

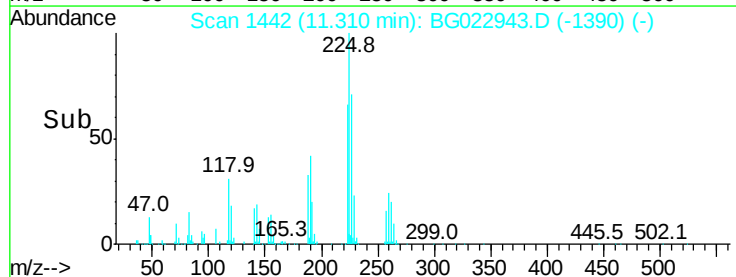
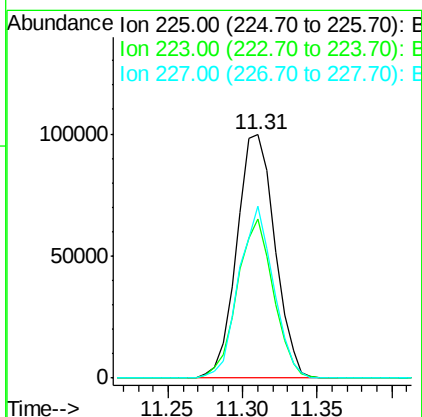
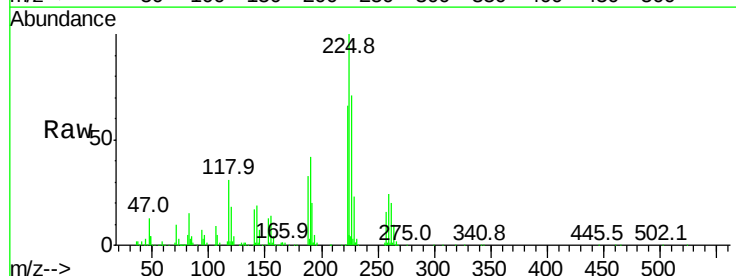
Instrument :
BNA_G
ClientSampleId :

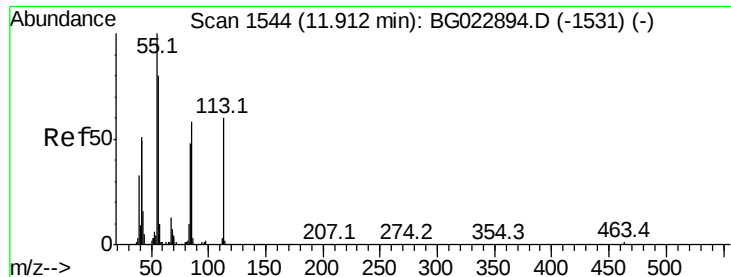
Tot Ion	Ratio	Lower	Upper
127	100		
129	29.7	27.9	41.9
65	43.8	36.8	55.2
92	25.4	21.0	31.6



#34
Hexachlorobutadiene
Concen: 21.72 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	49.6	74.4
227	70.8	54.5	81.7





#35

Caprolactam

Concen: 12.76 ng

RT: 11.90 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampled :

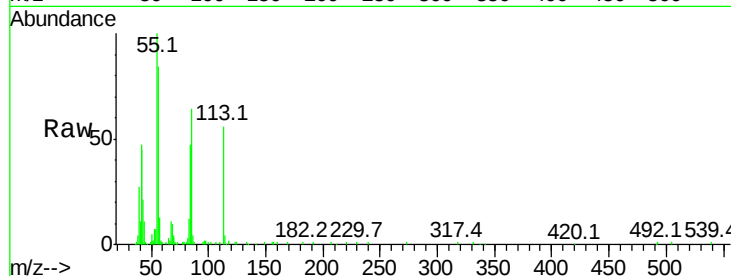
Tot Ion:113 Resp: 45862

Ion Ratio Lower Upper

113 100

55 178.8 154.5 194.5

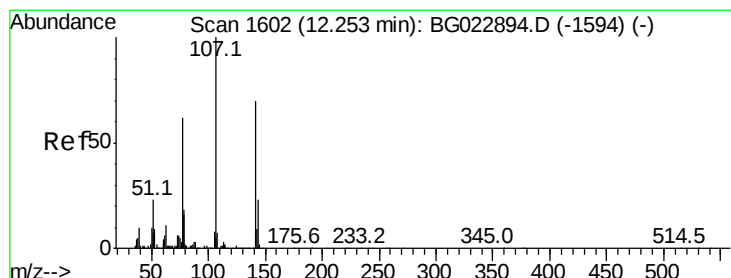
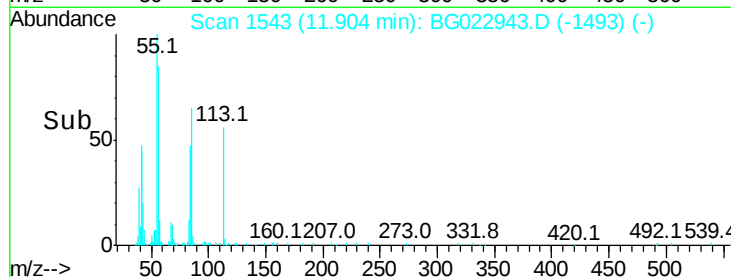
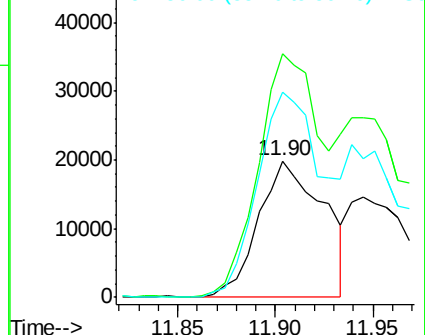
56 150.4 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 25.75 ng

RT: 12.26 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

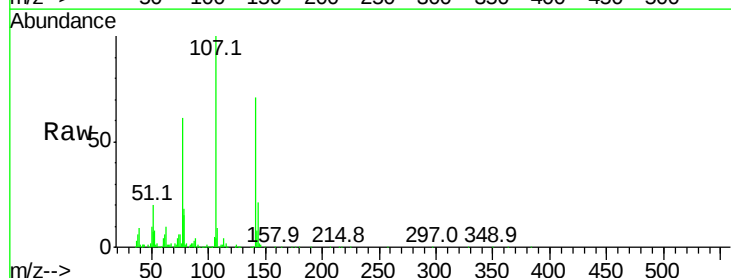
Tgt Ion:107 Resp: 307645

Ion Ratio Lower Upper

107 100

144 21.1 17.0 25.6

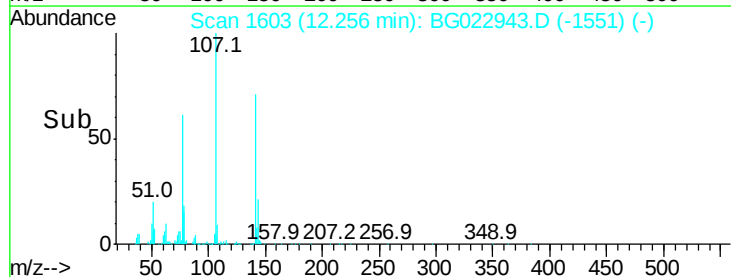
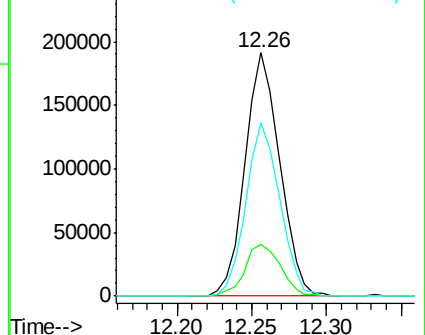
142 71.3 53.0 79.6

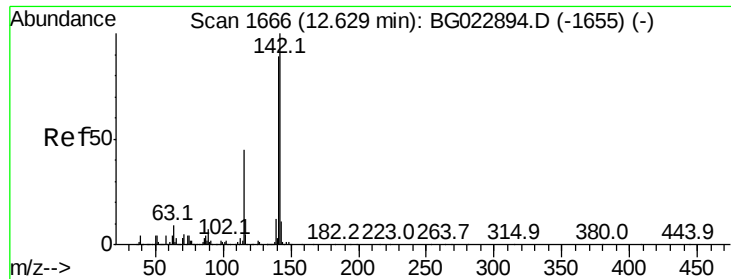


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

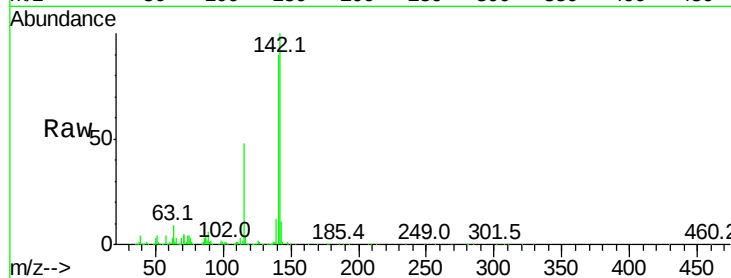




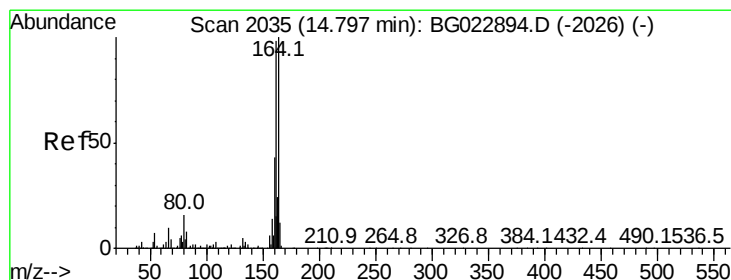
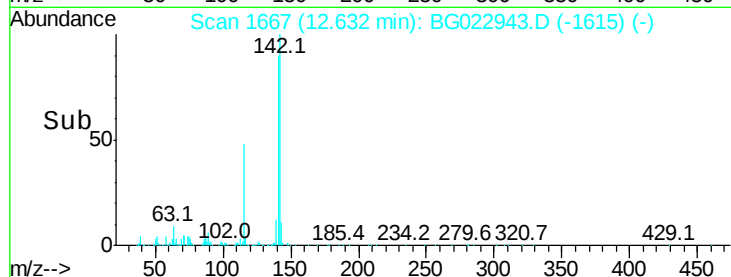
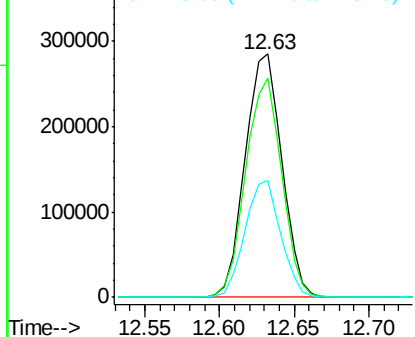
#37
2-Methylnaphthalene
Concen: 24.75 ng
RT: 12.63 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 484522
Ion Ratio Lower Upper
142 100
141 90.1 70.2 105.2
115 48.2 41.7 62.5

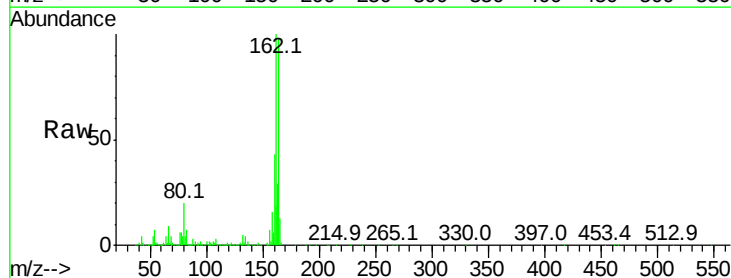


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

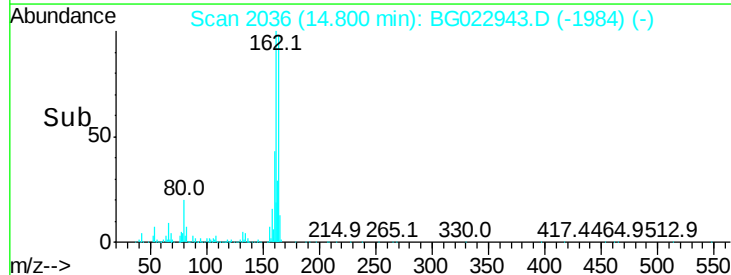
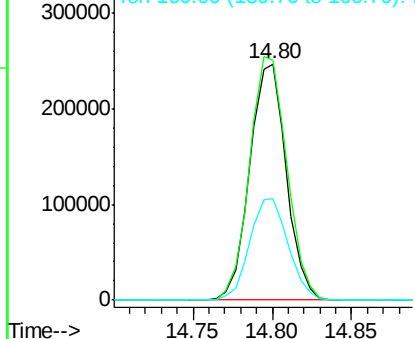


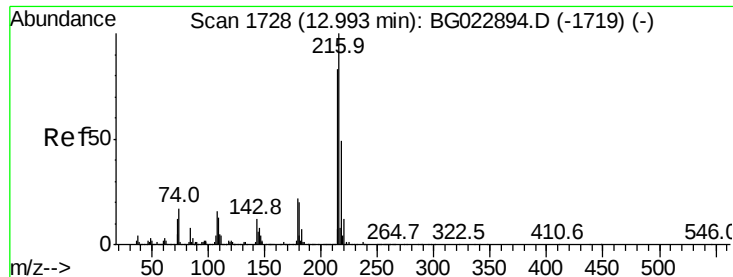
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Tgt Ion:164 Resp: 396061
Ion Ratio Lower Upper
164 100
162 101.5 87.7 131.5
160 43.3 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.87 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 322089

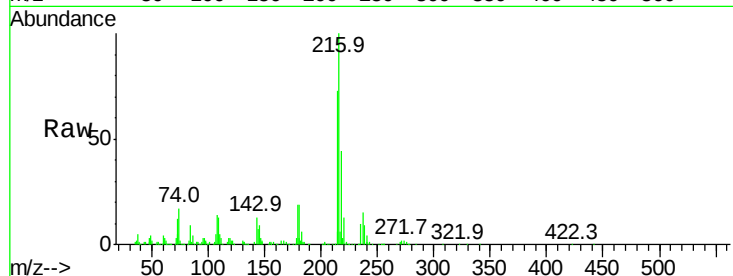
Ion Ratio Lower Upper

216 100

214 80.7 62.9 94.3

179 20.7 17.2 25.8

108 19.0 16.3 24.5

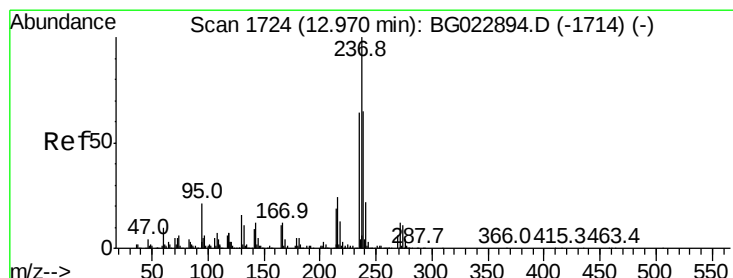
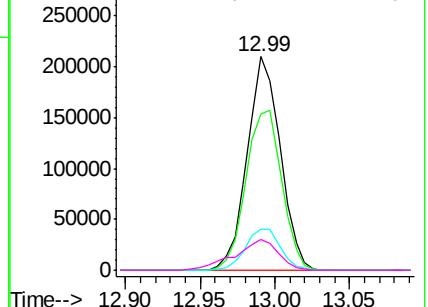
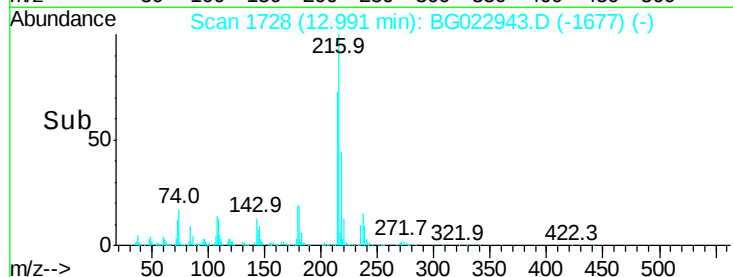


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 51.72 ng

RT: 12.97 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

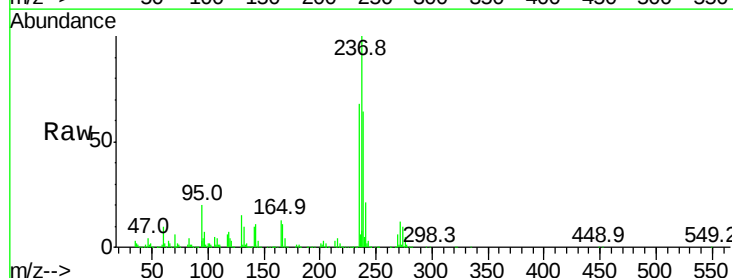
Tgt Ion:237 Resp: 508145

Ion Ratio Lower Upper

237 100

235 67.9 43.1 83.1

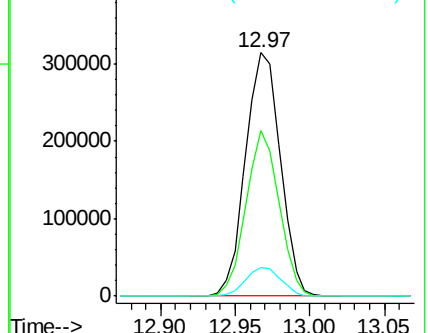
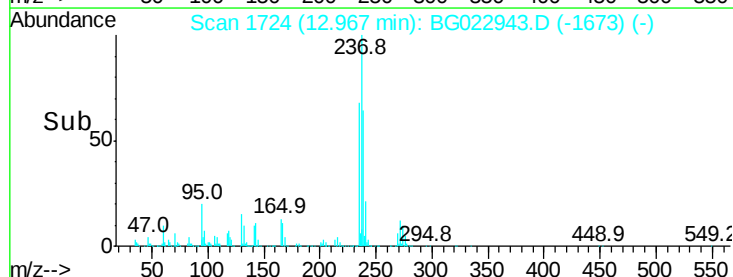
272 11.7 0.0 30.9

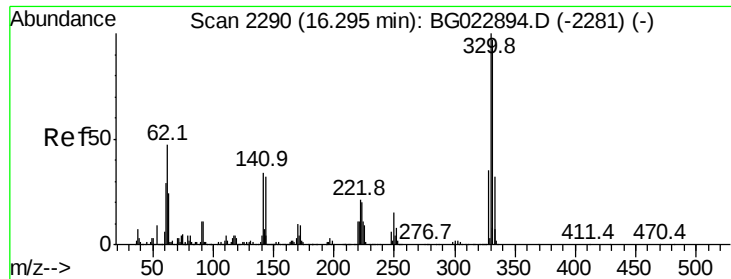


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

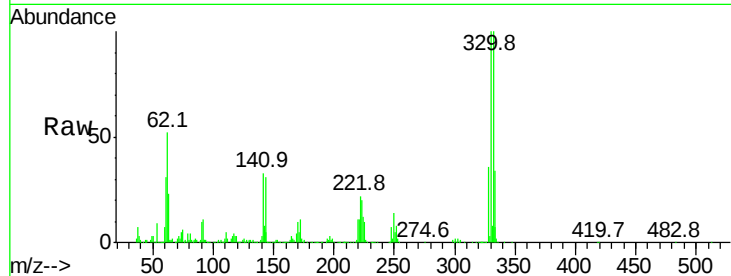




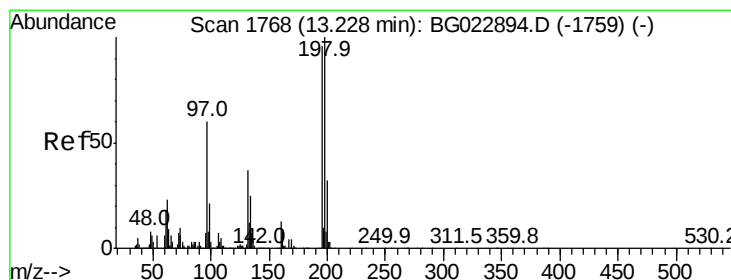
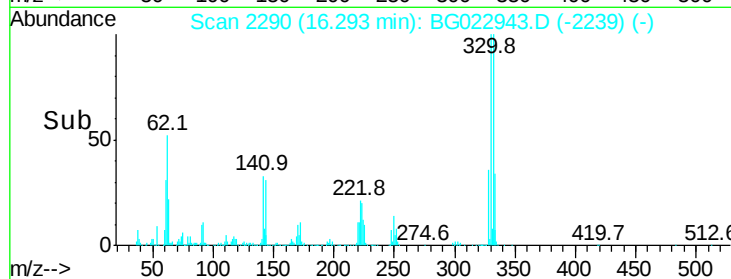
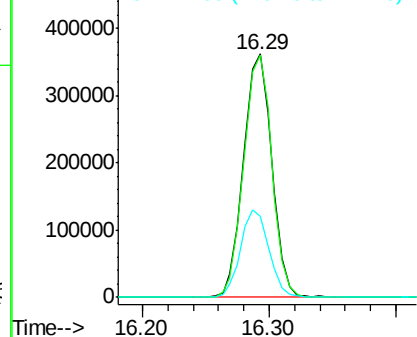
#41
 2,4,6-Tribromophenol
 Concen: 78.87 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.2
141	35.7	31.7	47.5

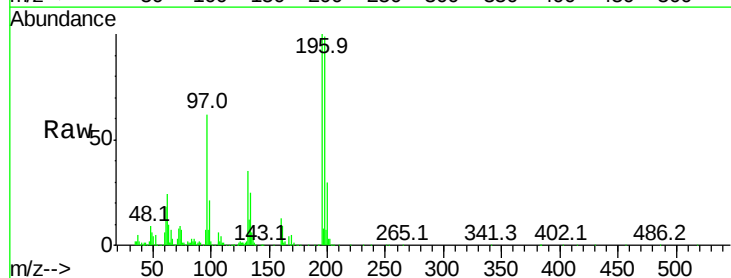


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

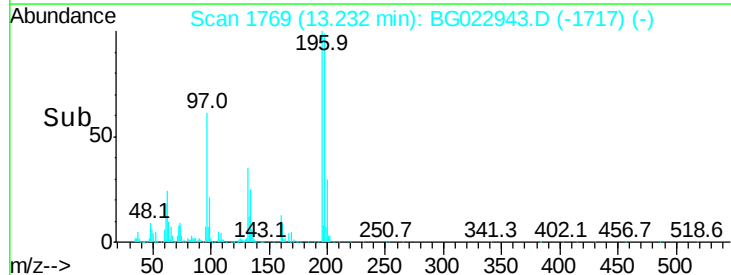
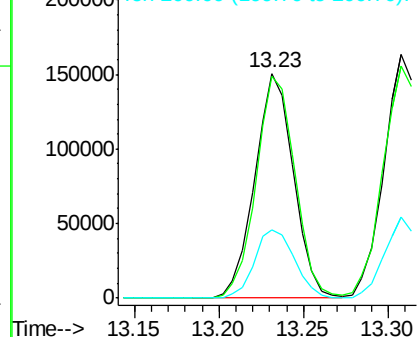


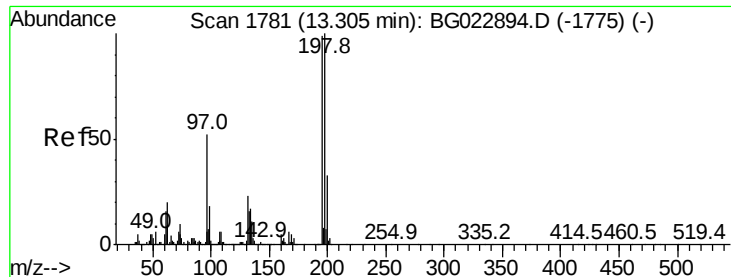
#42
 2,4,6-Trichlorophenol
 Concen: 24.47 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	78.2	117.2
200	30.3	27.0	40.4



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

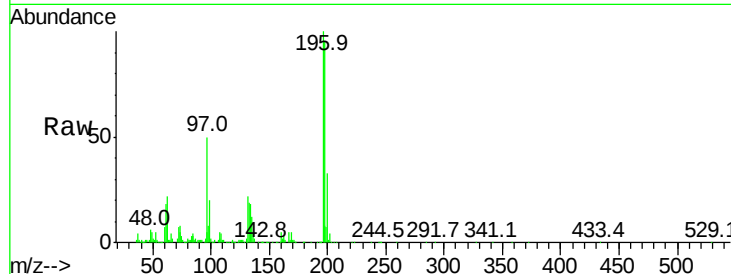




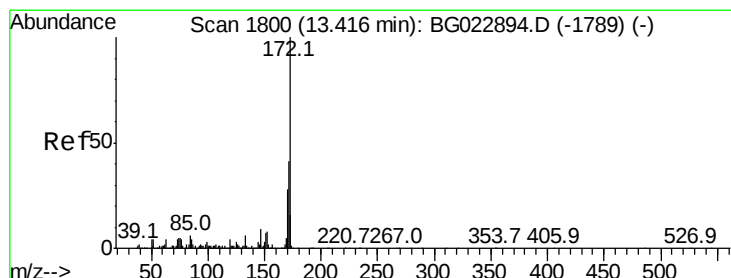
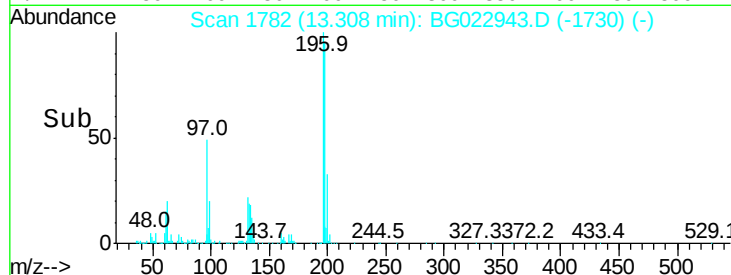
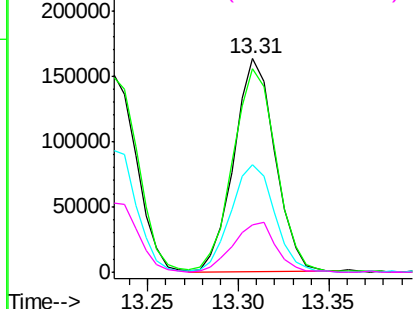
#43
2,4,5-Trichlorophenol
Concen: 25.59 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:196 Resp: 257785
Ion Ratio Lower Upper
196 100
198 95.5 85.7 128.5
97 50.1 45.5 68.3
132 21.9 18.9 28.3

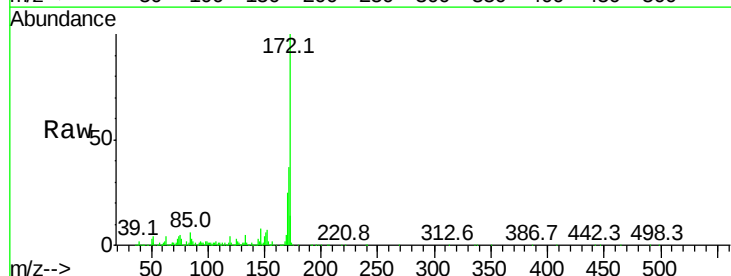


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

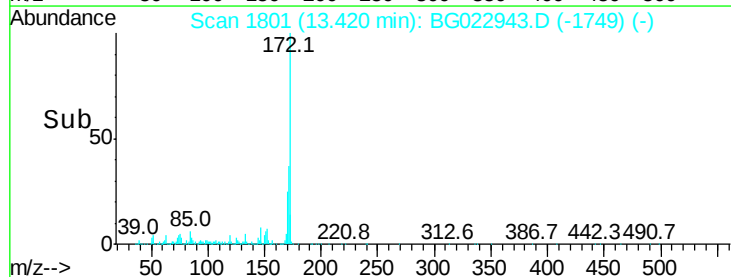
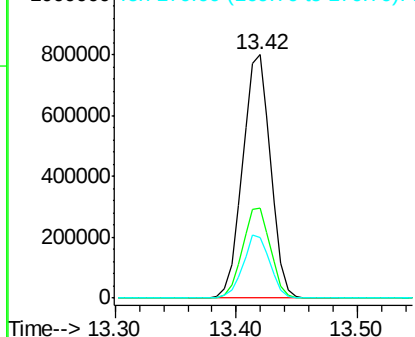


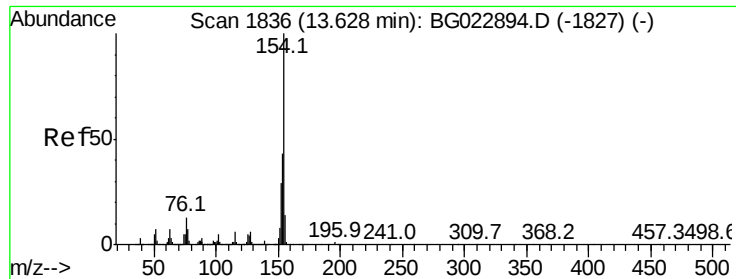
#44
2-Fluorobiphenyl
Concen: 51.14 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Tgt Ion:172 Resp: 1285926
Ion Ratio Lower Upper
172 100
171 37.1 31.6 47.4
170 25.0 21.3 31.9



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





#45

1,1'-Biphenyl

Concen: 23.10 ng

RT: 13.63 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampled :

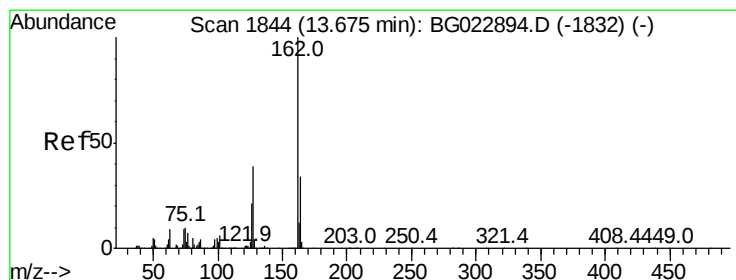
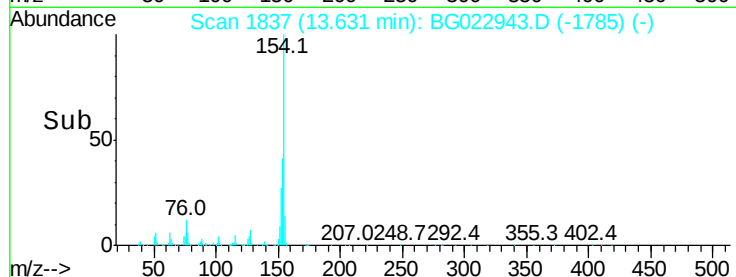
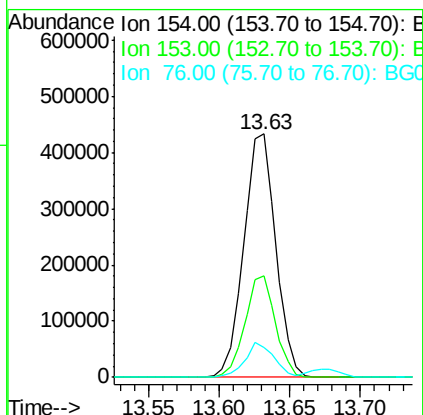
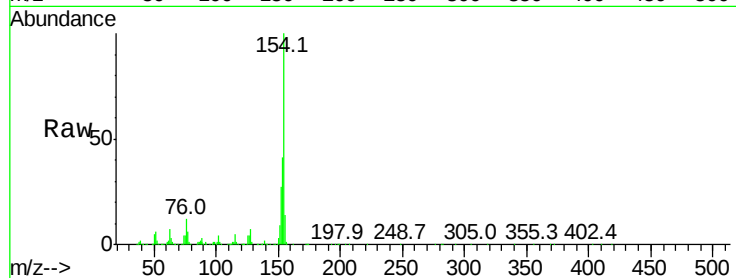
Tot Ion:154 Resp: 686365

Ion Ratio Lower Upper

154 100

153 41.5 20.2 60.2

76 12.5 0.0 32.9



#46

2-Chloronaphthalene

Concen: 23.39 ng

RT: 13.68 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

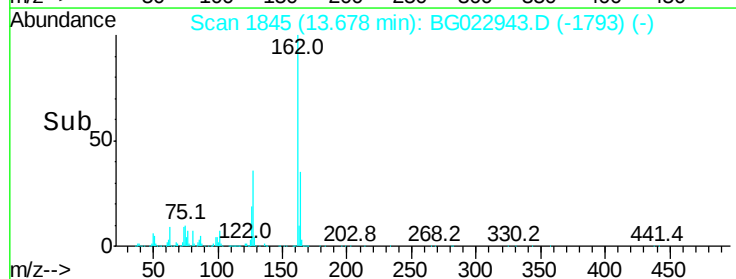
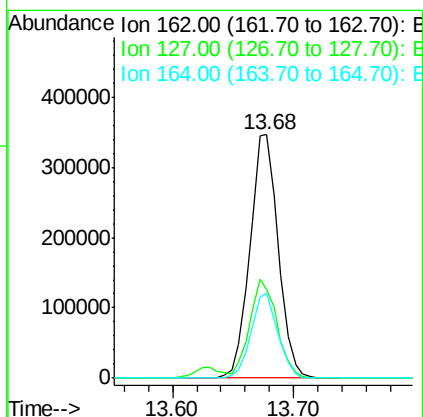
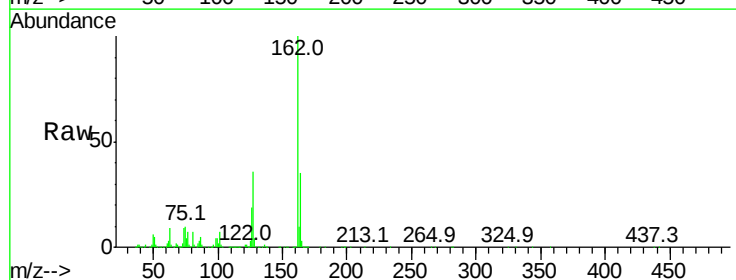
Tgt Ion:162 Resp: 563771

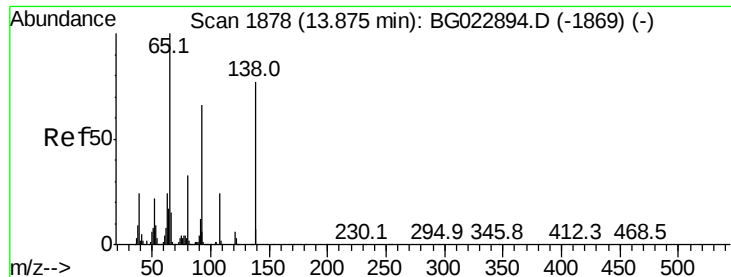
Ion Ratio Lower Upper

162 100

127 36.4 32.4 48.6

164 34.8 25.2 37.8





#47

2-Nitroaniline

Concen: 23.29 ng

RT: 13.88 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampleId :

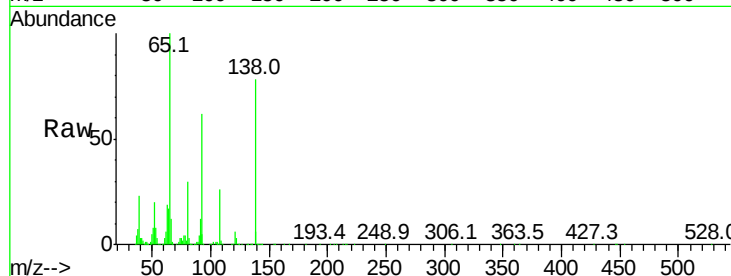
Tot Ion: 65 Resp: 239523

Ion Ratio Lower Upper

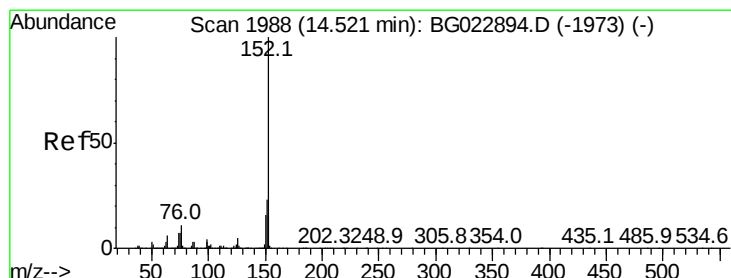
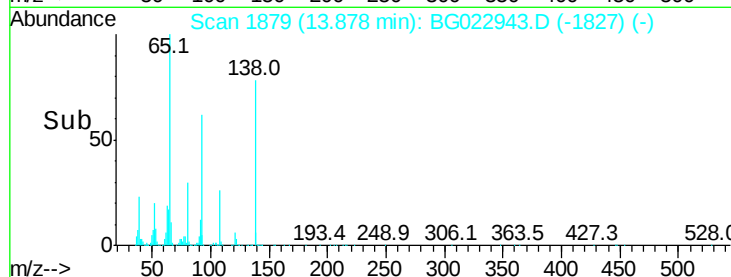
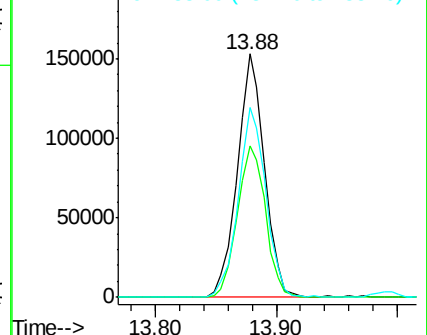
65 100

92 62.0 49.4 74.0

138 77.8 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: 23.50 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

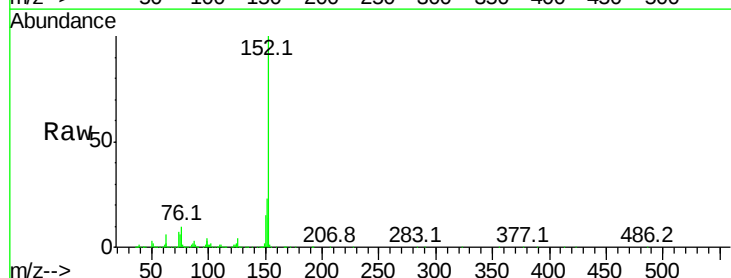
Tgt Ion: 152 Resp: 849679

Ion Ratio Lower Upper

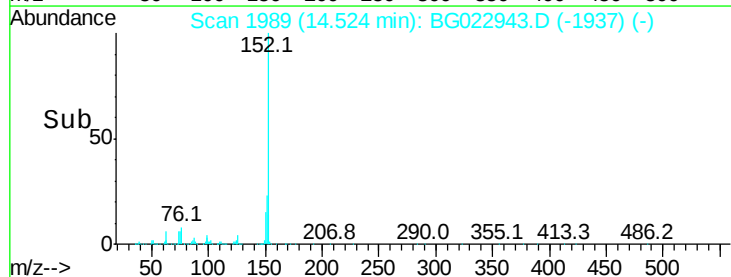
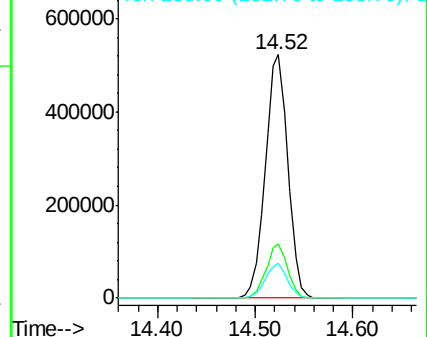
152 100

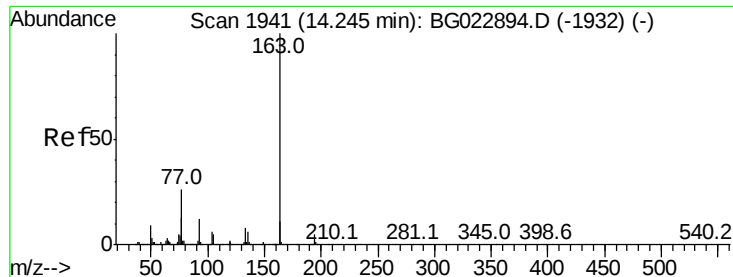
151 22.5 17.6 26.4

153 14.3 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: 34.85 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampleId :

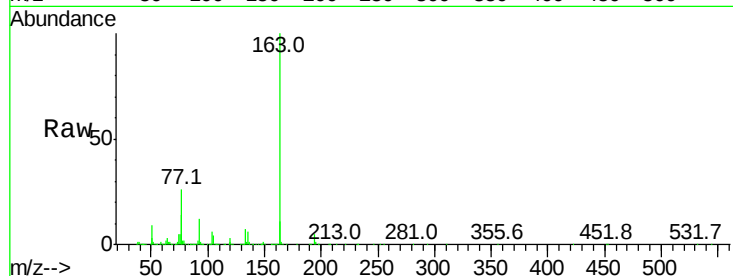
Tot Ion:163 Resp: 1127576

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

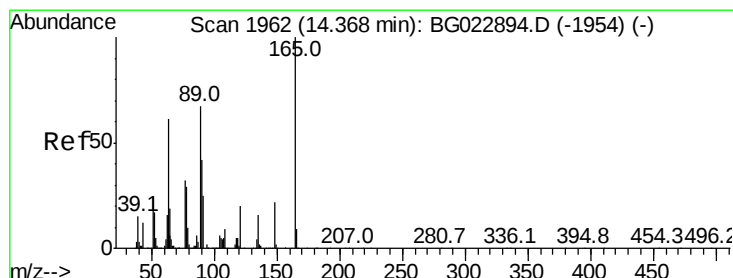
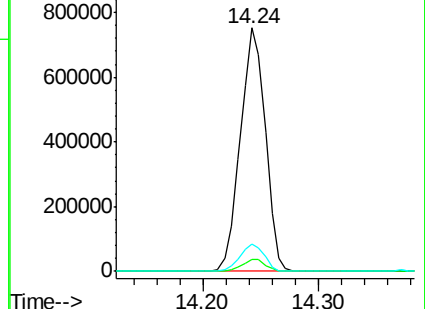
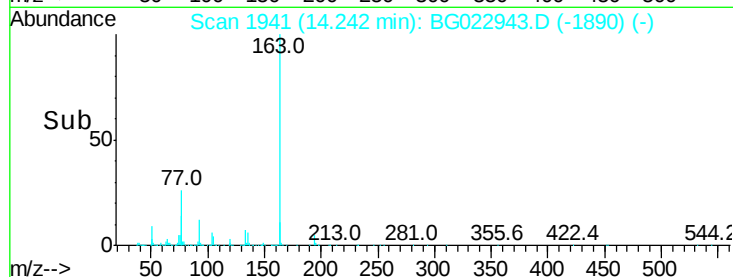
164 11.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 24.70 ng

RT: 14.37 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

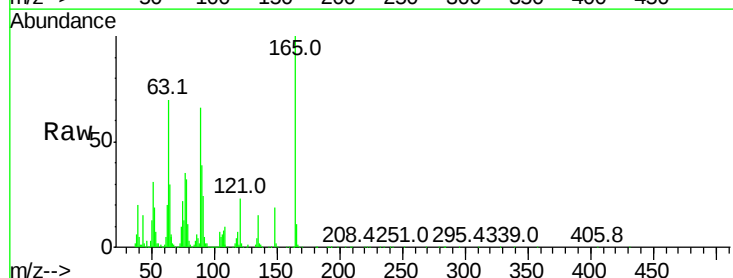
Tgt Ion:165 Resp: 179624

Ion Ratio Lower Upper

165 100

63 70.2 64.3 96.5

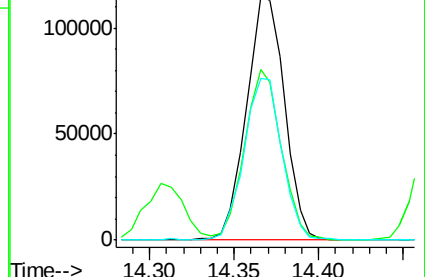
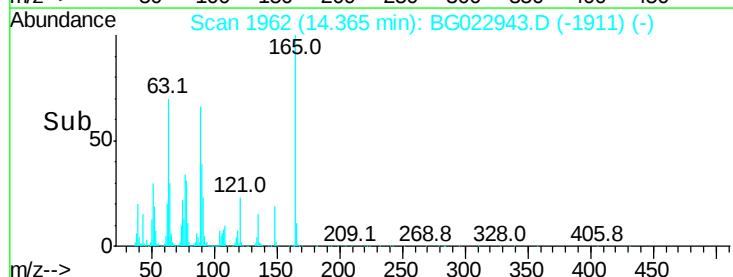
89 66.3 64.3 96.5

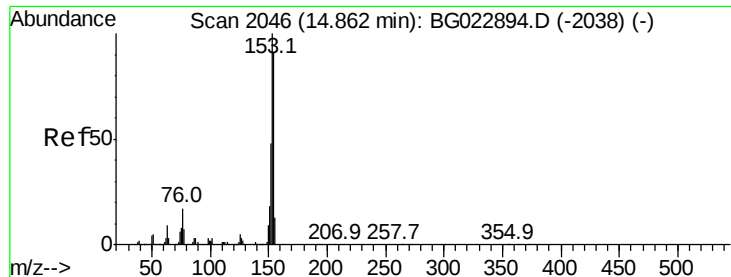


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 24.02 ng

RT: 14.86 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampleId :

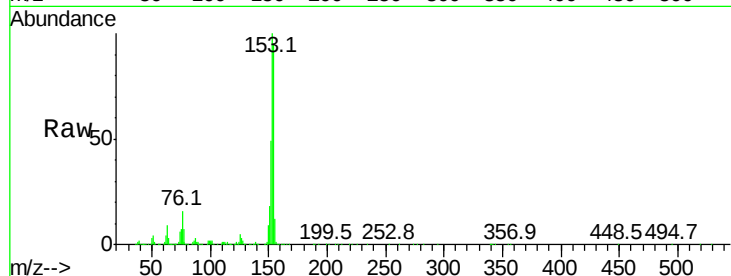
Tot Ion:154 Resp: 567598

Ion Ratio Lower Upper

154 100

153 104.8 87.5 131.3

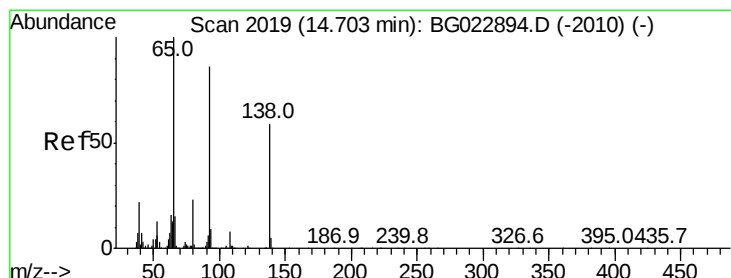
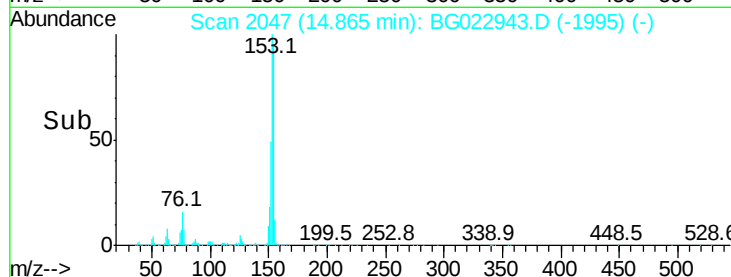
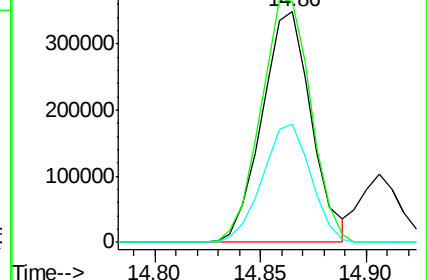
152 51.2 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.30 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

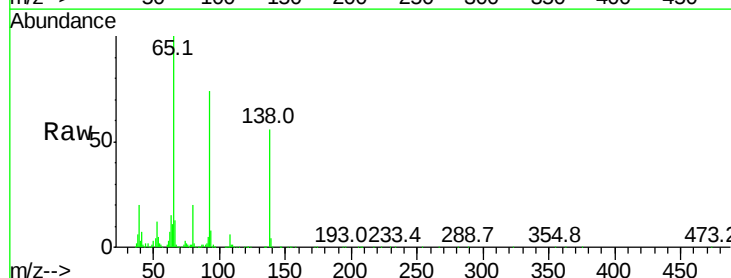
Tgt Ion:138 Resp: 103690

Ion Ratio Lower Upper

138 100

108 11.5 11.7 17.5#

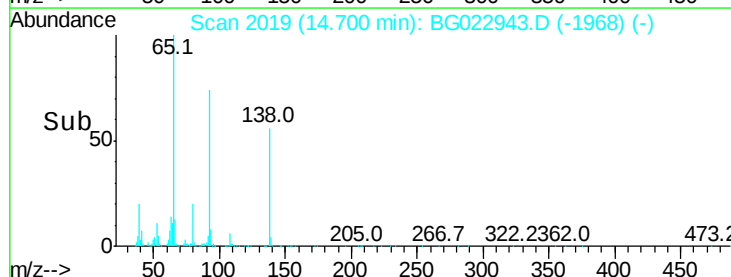
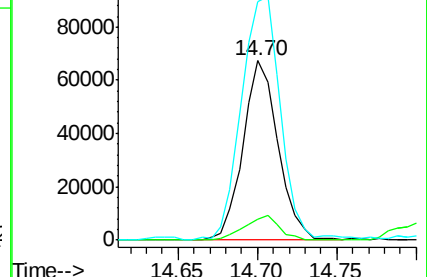
92 133.0 129.7 194.5

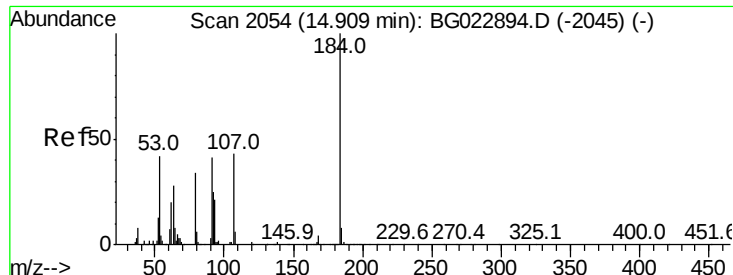


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

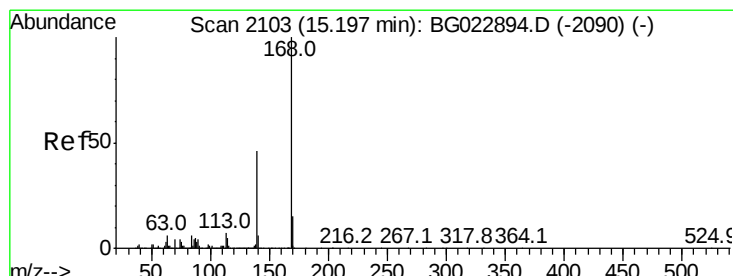
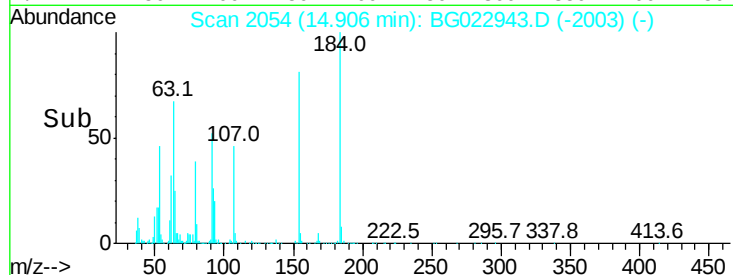
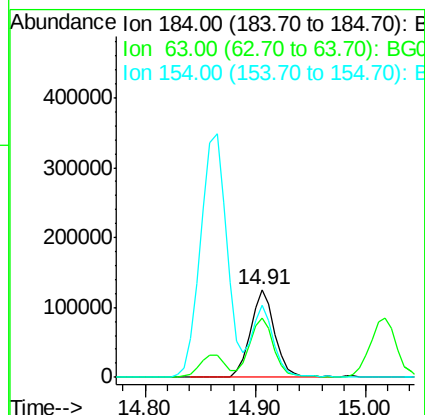
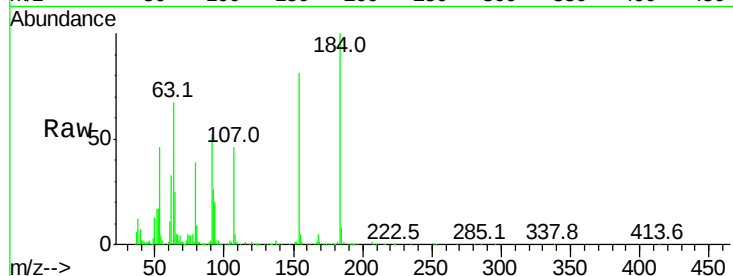




#53
2,4-Dinitrophenol
Concen: 38.86 ng
RT: 14.91 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

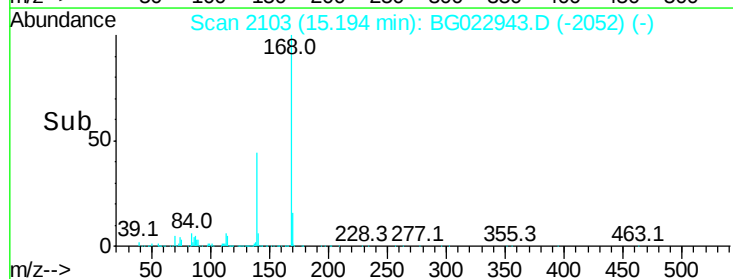
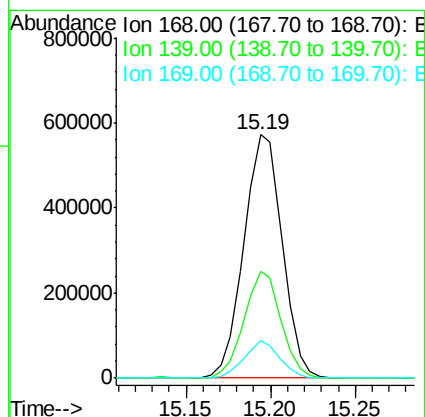
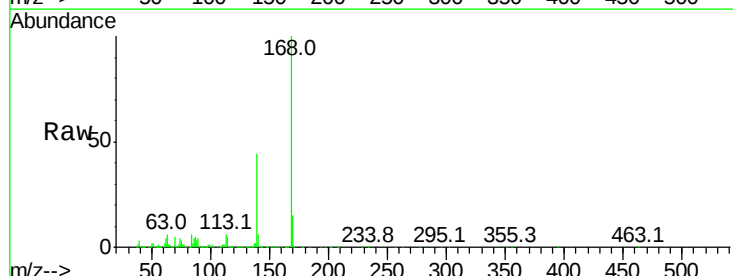
Instrument :
BNA_G
ClientSampleId :

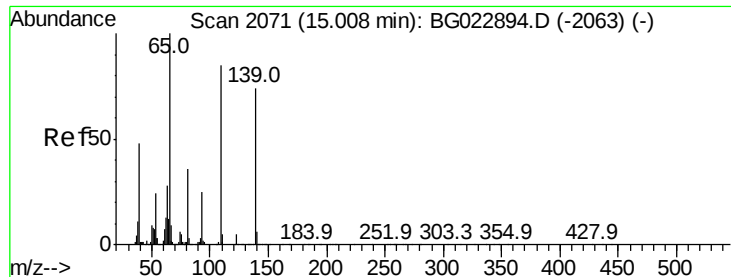
Tot Ion:184 Resp: 193865
Ion Ratio Lower Upper
184 100
63 66.7 59.6 89.4
154 81.3 67.4 101.0



#54
Dibenzofuran
Concen: 25.62 ng
RT: 15.19 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Tgt Ion:168 Resp: 906311
Ion Ratio Lower Upper
168 100
139 43.7 36.4 54.6
169 15.5 11.9 17.9





#55

4-Nitrophenol

Concen: 59.93 ng

RT: 15.02 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampleId :

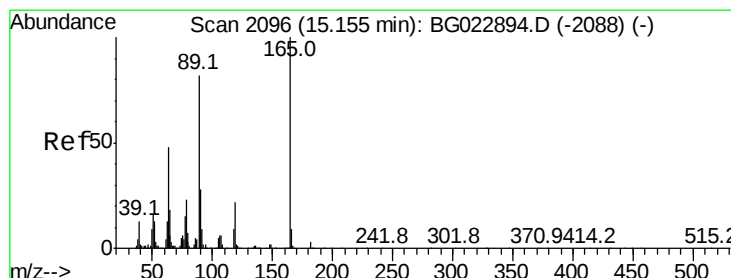
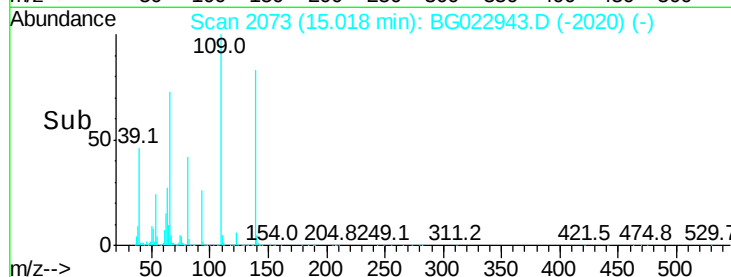
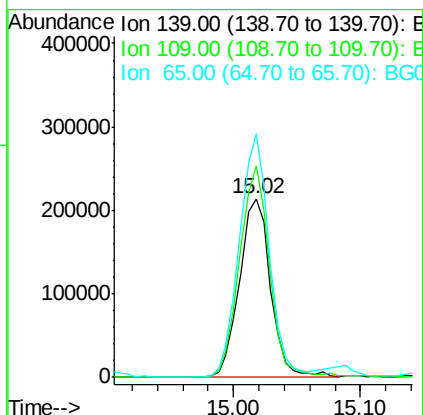
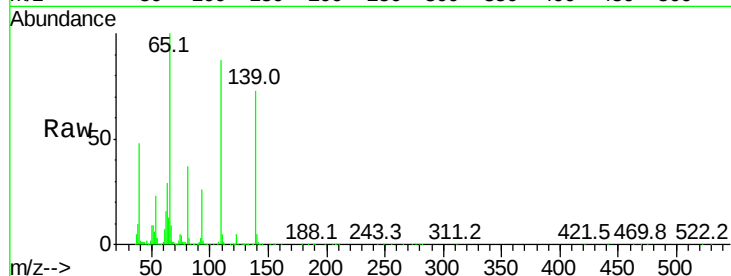
Tot Ion:139 Resp: 364183

Ion Ratio Lower Upper

139 100

109 118.8 103.0 143.0

65 136.3 112.7 152.7



#56

2,4-Dinitrotoluene

Concen: 24.64 ng

RT: 15.15 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Tgt Ion:165 Resp: 261214

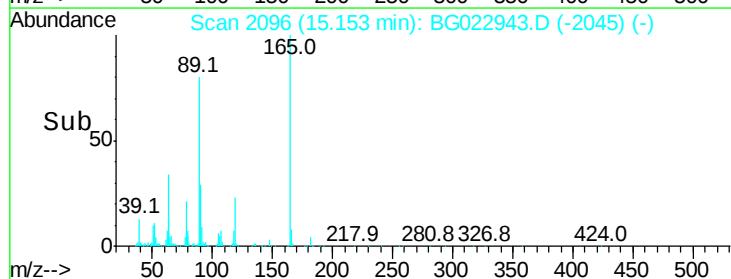
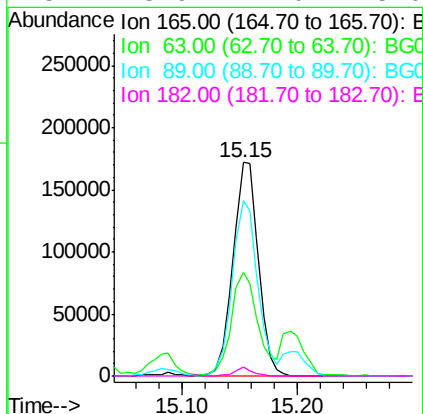
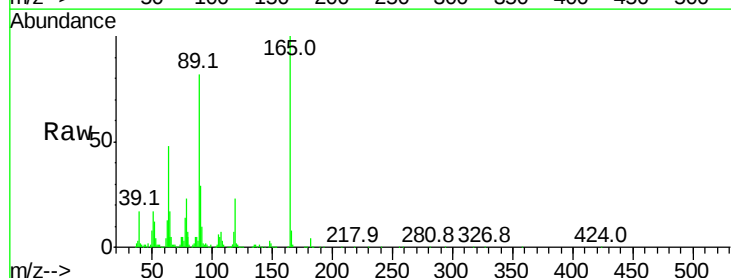
Ion Ratio Lower Upper

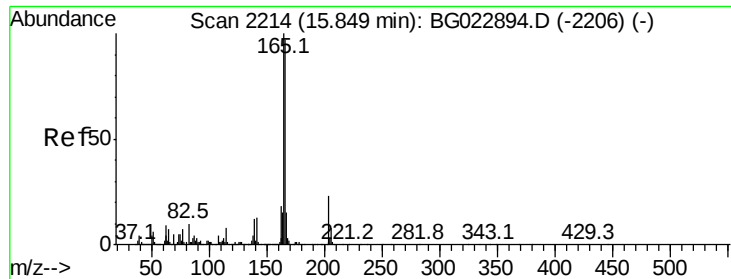
165 100

63 48.4 45.8 68.6

89 82.1 68.6 102.8

182 3.9 2.0 3.0#

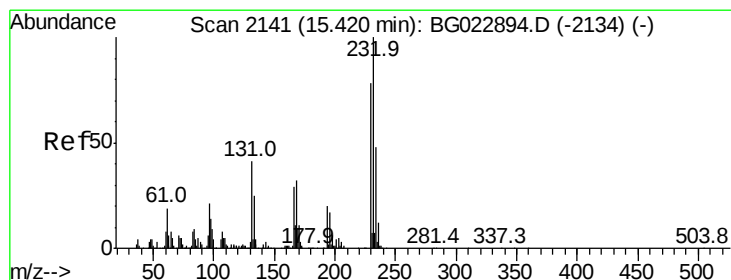
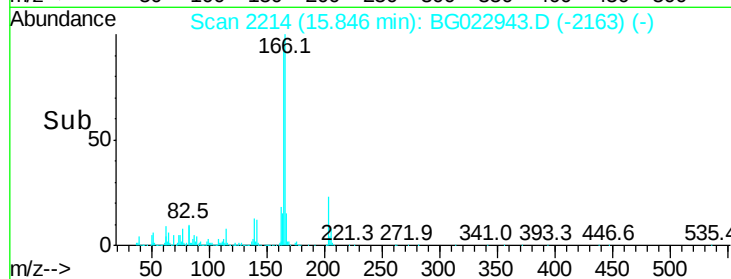
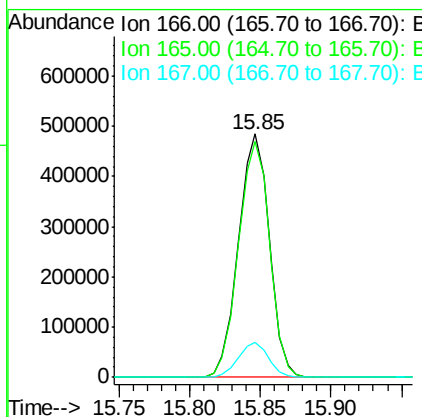
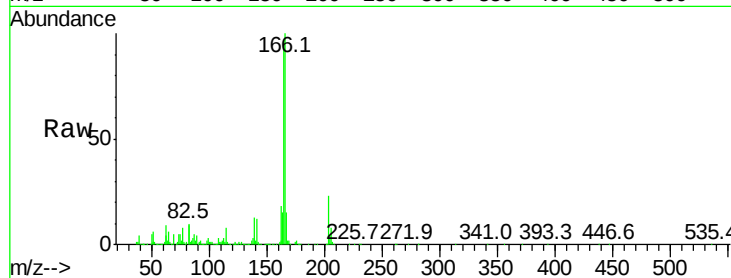




#57
Fluorene
 Concen: 24.32 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

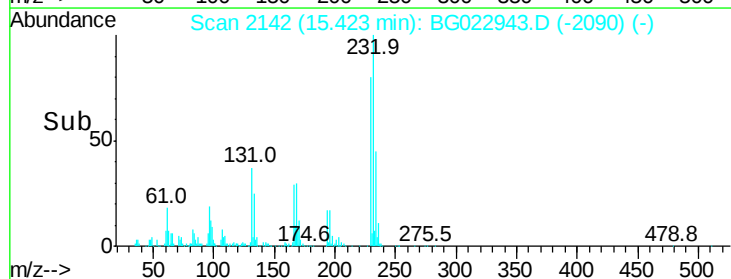
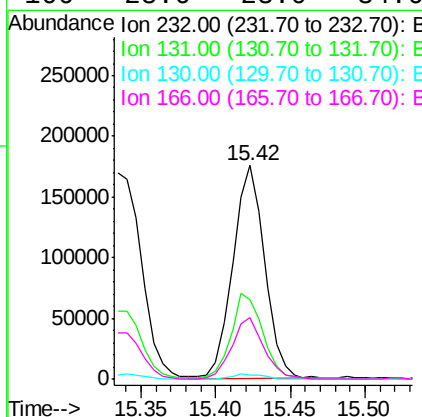
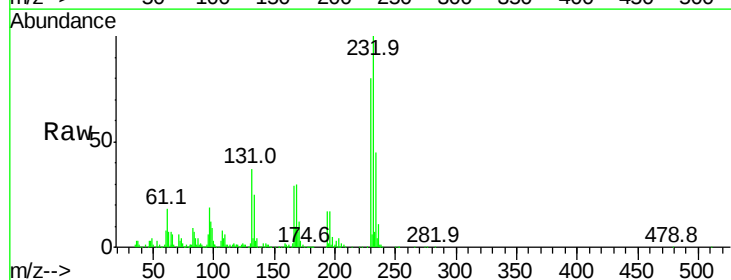
Instrument :
 BNA_G
 ClientSampleId :

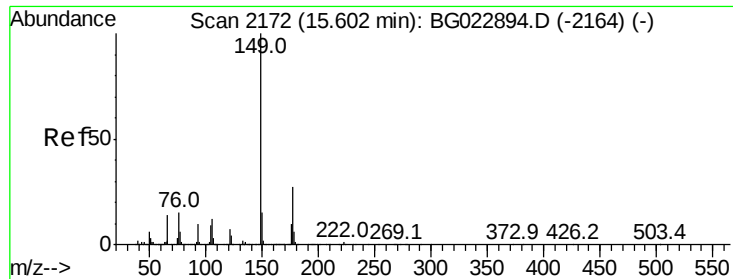
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.8	81.0	121.6
167	14.6	12.0	18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 25.95 ng
 RT: 15.42 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.2	32.7	49.1
130	2.2	2.6	3.8
166	28.6	23.0	34.6





#59

Diethylphthalate

Concen: 24.82 ng

RT: 15.61 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampleId :

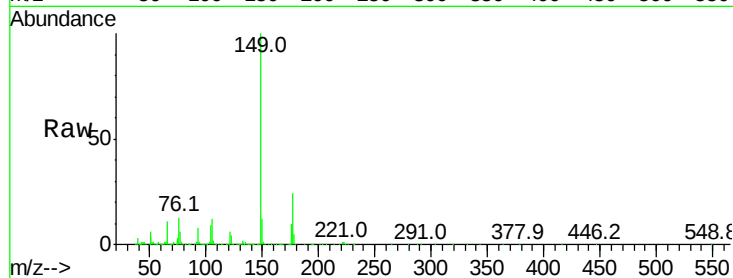
Tot Ion:149 Resp: 816953

Ion Ratio Lower Upper

149 100

177 24.2 19.2 28.8

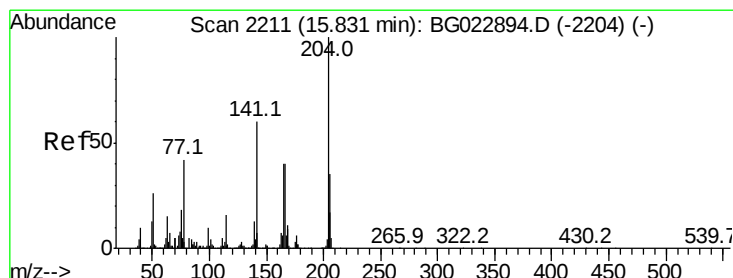
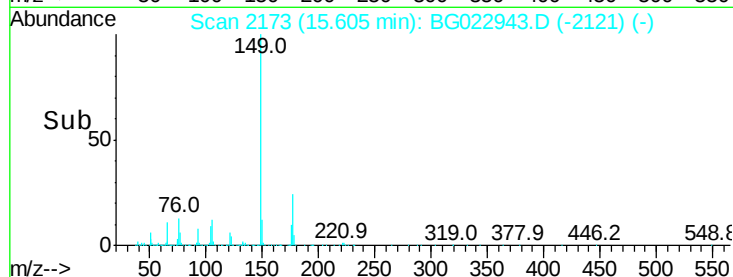
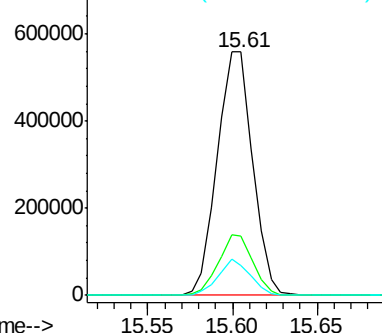
150 12.3 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 23.35 ng

RT: 15.83 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

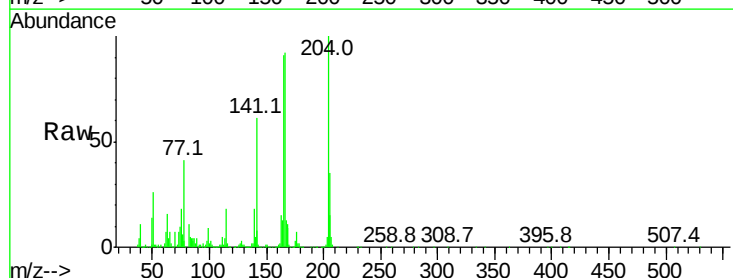
Tgt Ion:204 Resp: 432933

Ion Ratio Lower Upper

204 100

206 35.0 28.5 42.7

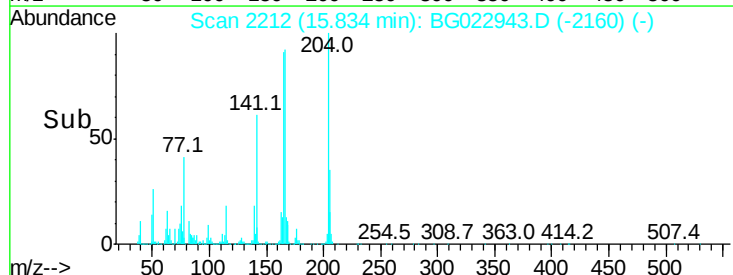
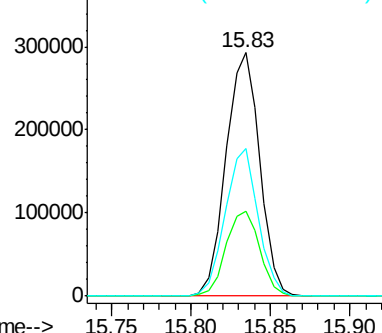
141 60.8 51.4 77.0

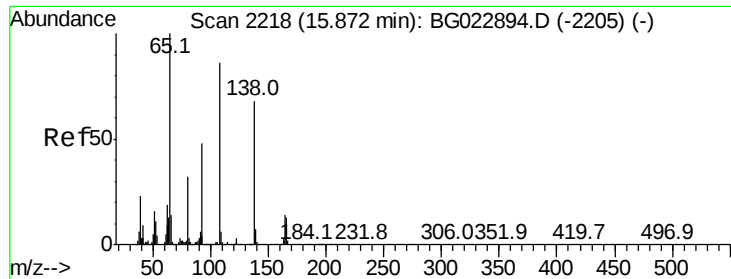


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

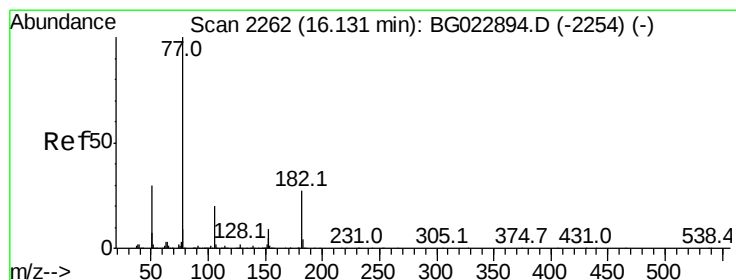
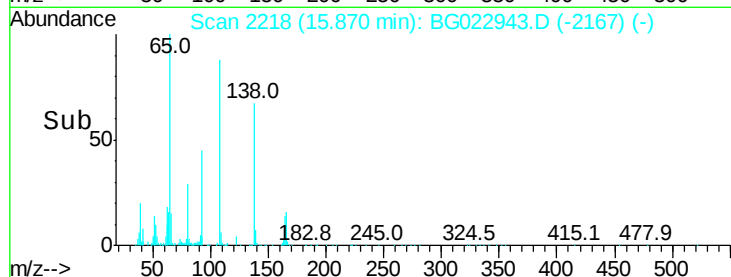
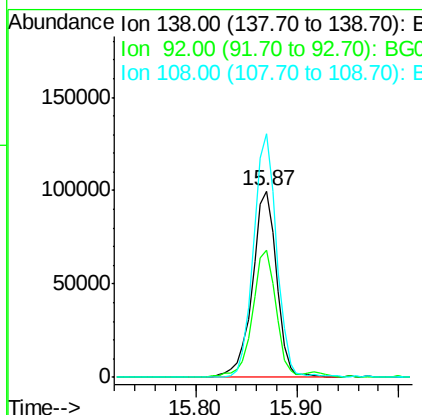
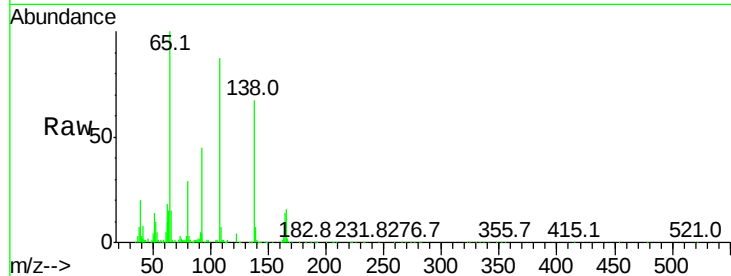




#61
4-Nitroaniline
Concen: 21.30 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

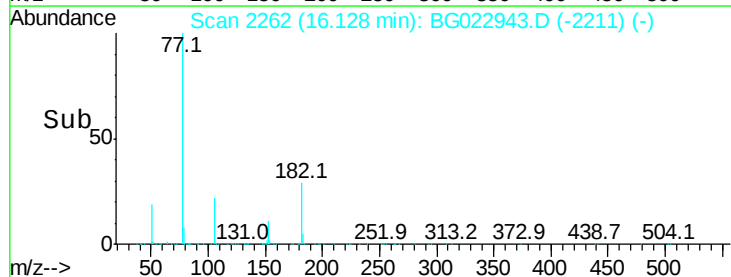
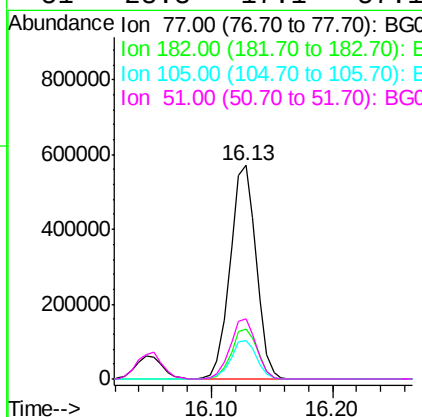
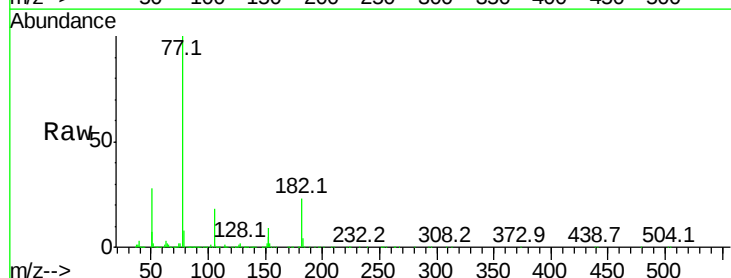
Instrument :
BNA_G
ClientSampleId :

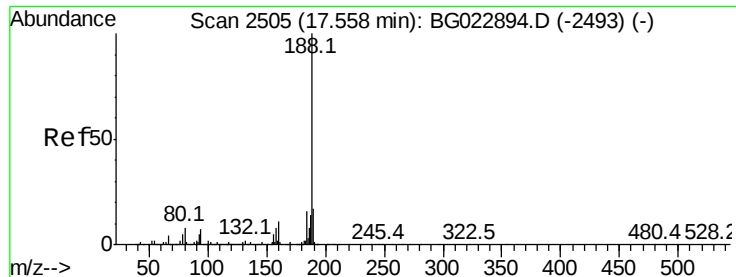
Tot Ion:138 Resp: 167078
Ion Ratio Lower Upper
138 100
92 68.0 54.1 94.1
108 130.8 133.9 173.9#



#62
Azobenzene
Concen: 27.05 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Tgt Ion: 77 Resp: 851585
Ion Ratio Lower Upper
77 100
182 23.3 3.5 43.5
105 17.8 0.0 38.5
51 28.3 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampleId :

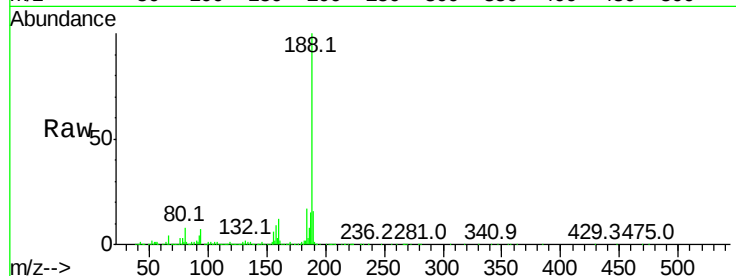
Tot Ion:188 Resp: 947098

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

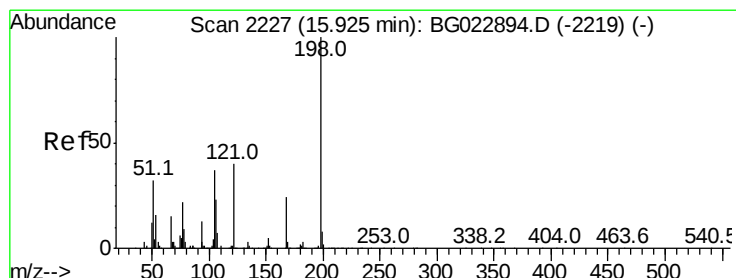
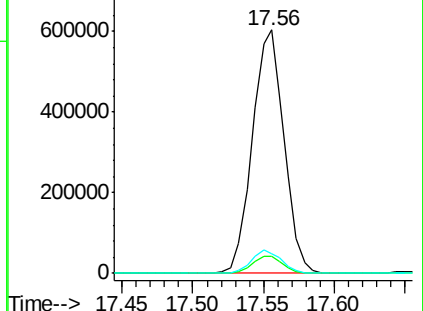
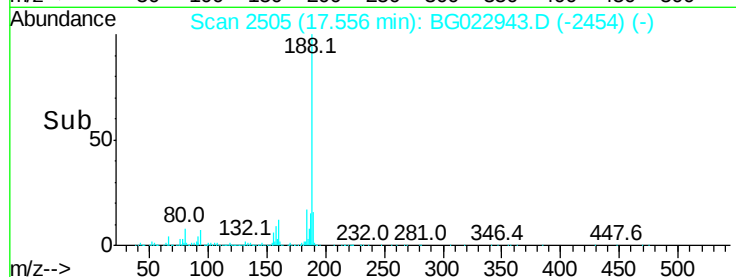
80 8.2 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 21.47 ng

RT: 15.92 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

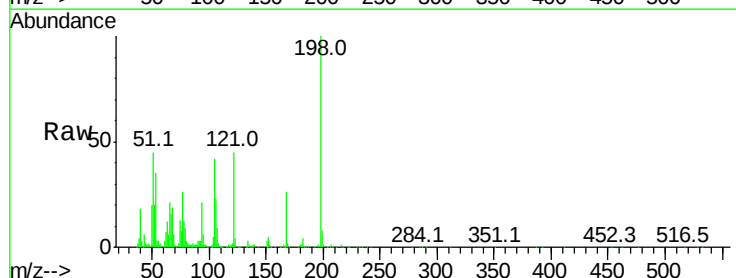
Tgt Ion:198 Resp: 151105

Ion Ratio Lower Upper

198 100

51 45.3 26.0 66.0

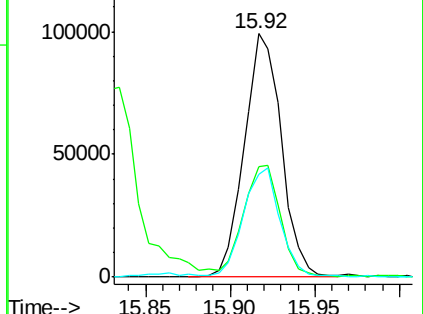
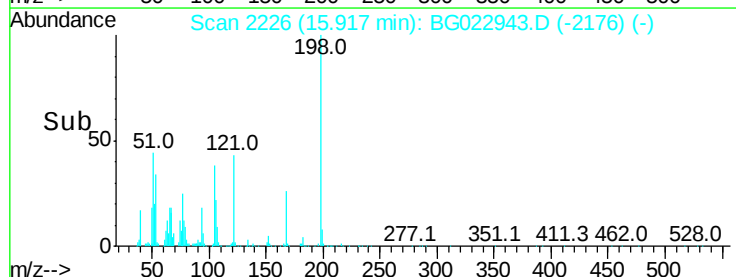
105 42.0 20.1 60.1

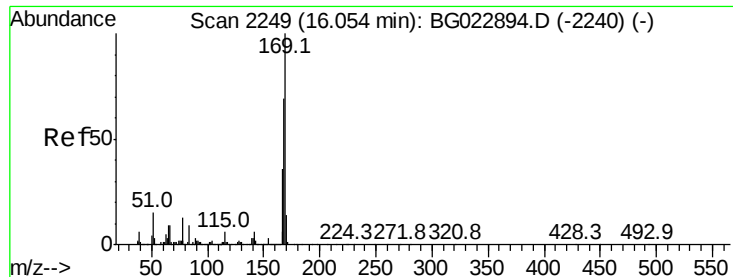


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

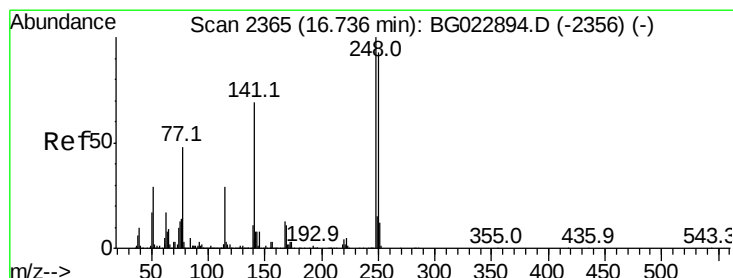
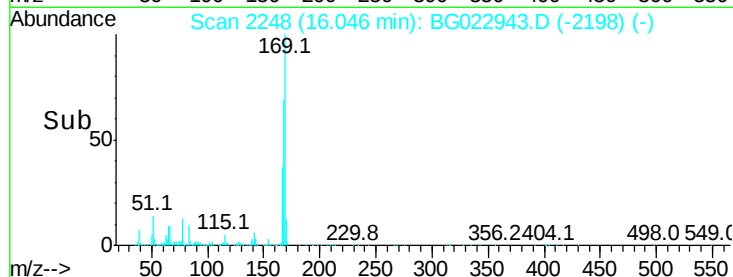
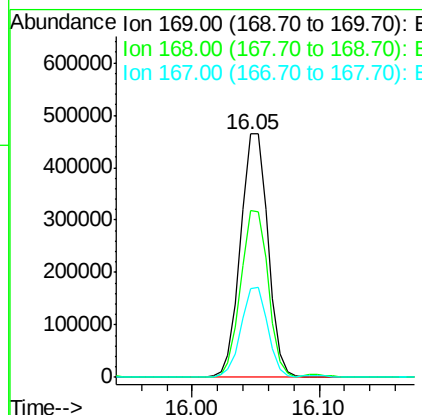
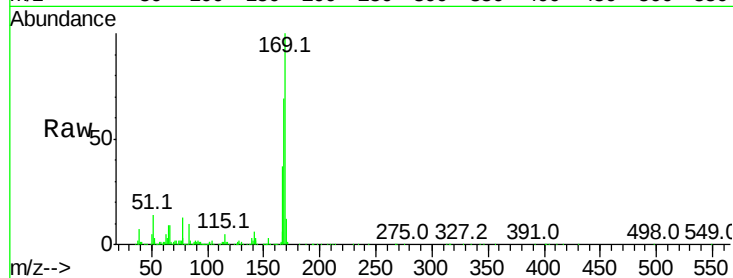




#65
 n-Nitrosodiphenylamine
 Concen: 25.58 ng
 RT: 16.05 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

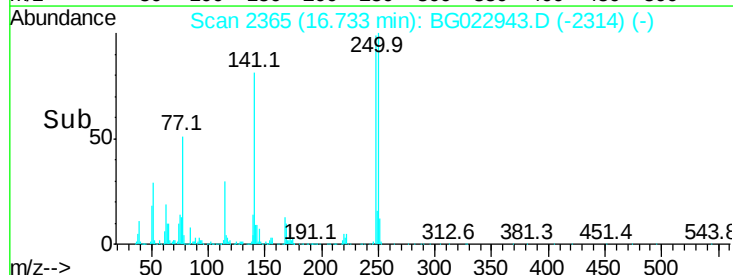
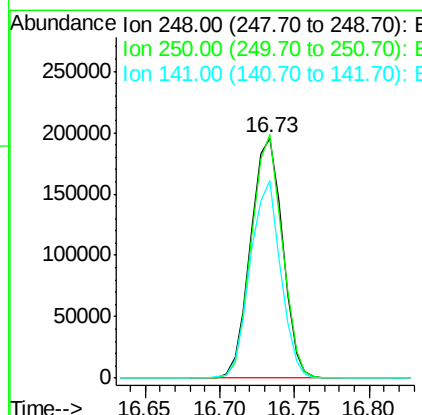
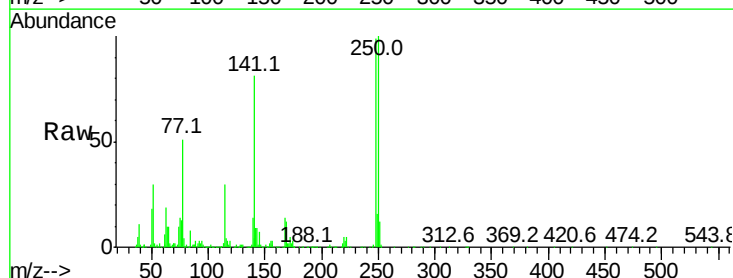
Instrument :
 BNA_G
 ClientSampleId :

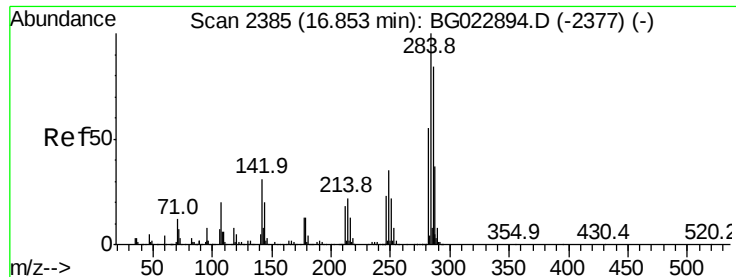
Tot Ion:169 Resp: 697953
 Ion Ratio Lower Upper
 169 100
 168 68.8 55.0 82.4
 167 36.6 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 23.35 ng
 RT: 16.73 min Scan# 2365
 Delta R.T. -0.00 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

Tgt Ion:248 Resp: 287732
 Ion Ratio Lower Upper
 248 100
 250 101.5 77.8 116.8
 141 82.1 65.7 98.5

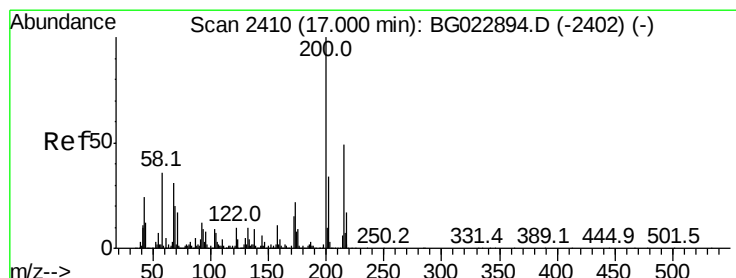
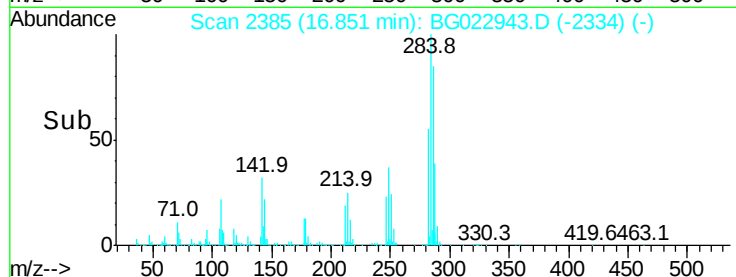
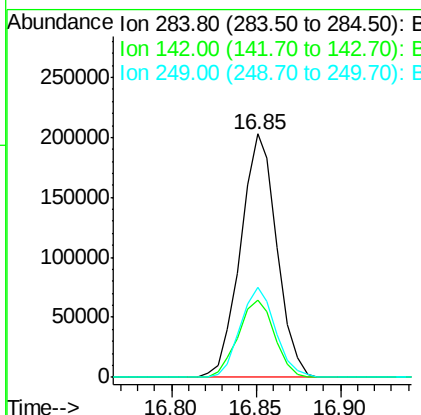
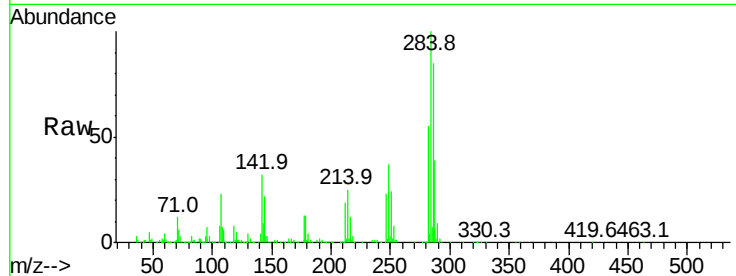




#67
Hexachlorobenzene
Concen: 22.56 ng
RT: 16.85 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

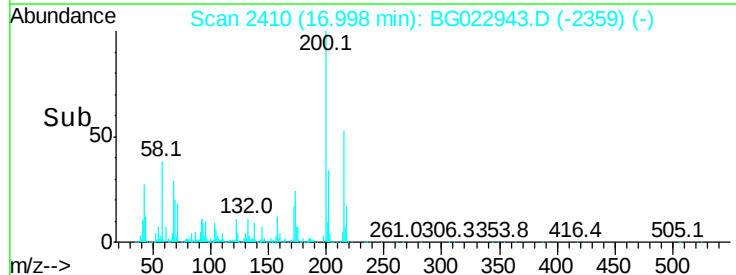
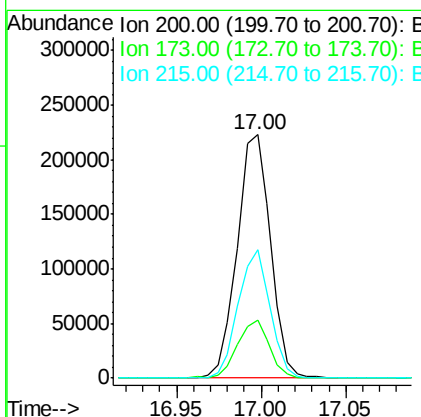
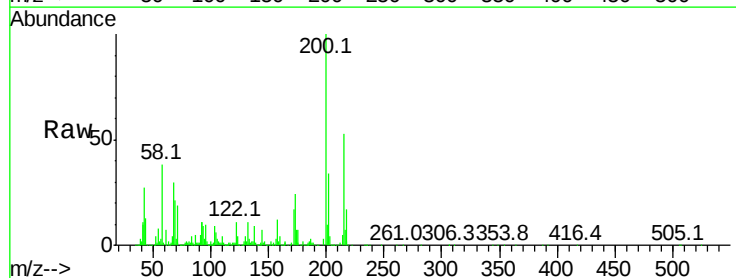
Instrument :
BNA_G
ClientSampled :

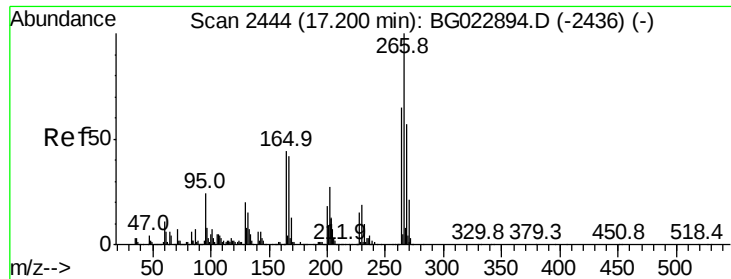
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.8	26.8	40.2
249	36.7	28.9	43.3



#68
Atrazine
Concen: 25.30 ng
RT: 17.00 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.6	1.6	41.6
215	52.8	28.7	68.7

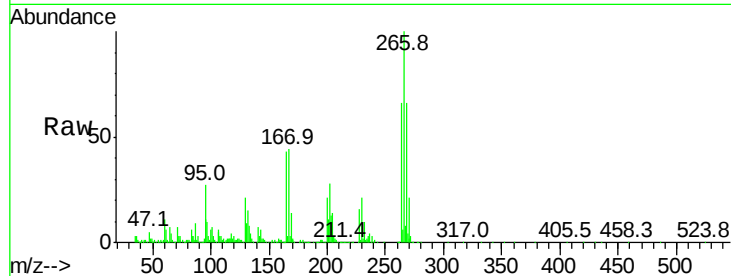




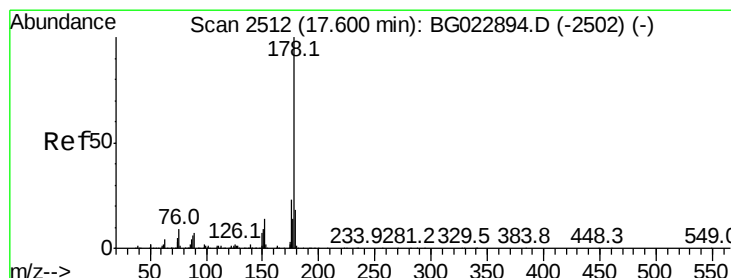
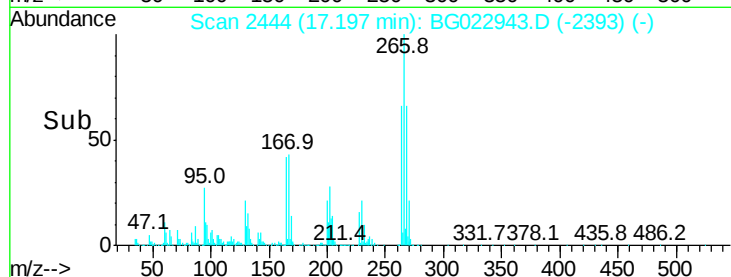
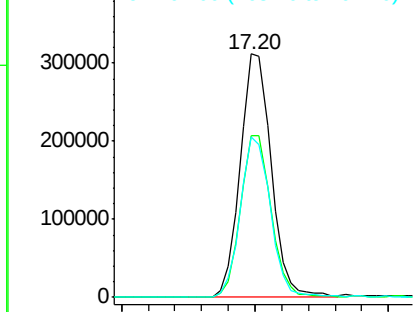
#69
 Pentachlorophenol
 Concen: 57.86 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.4	51.9	77.9
264	65.8	50.6	75.8

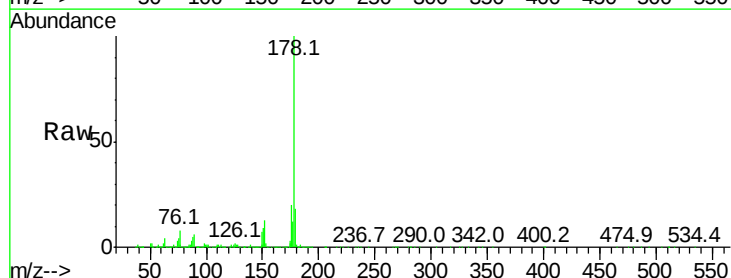


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

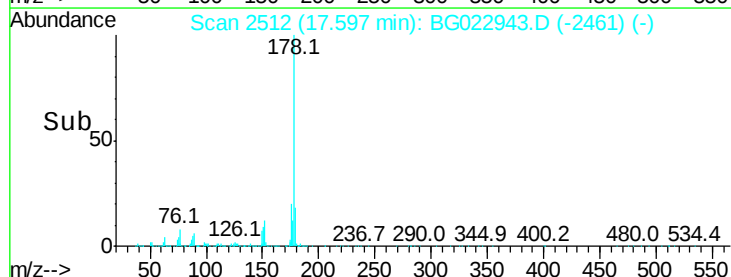
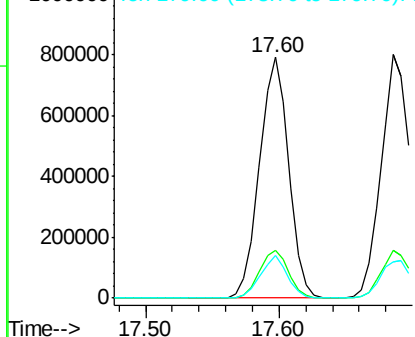


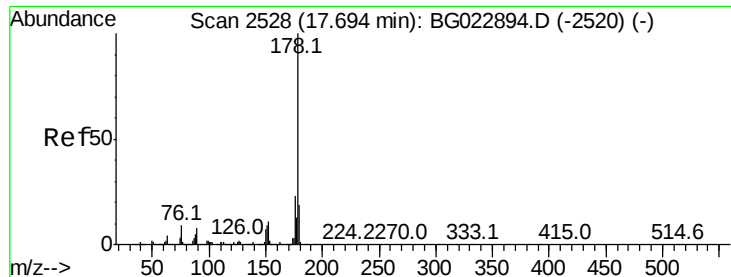
#70
 Phenanthrene
 Concen: 25.59 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.8	25.2
179	18.0	14.3	21.5



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



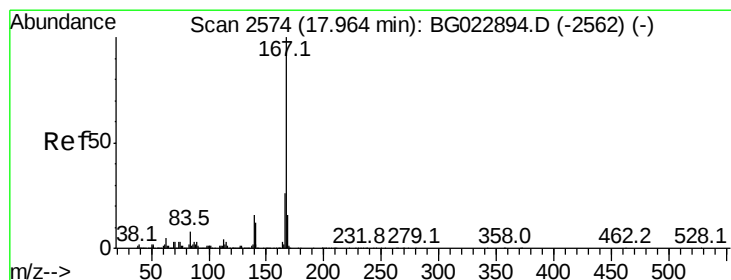
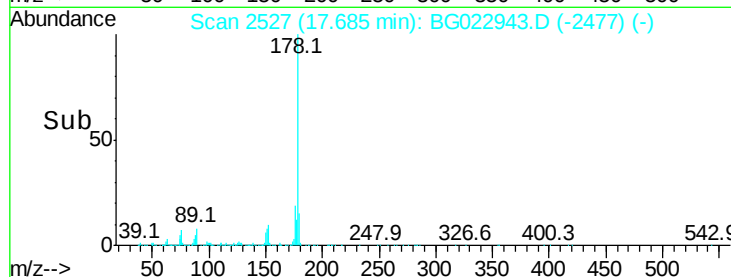
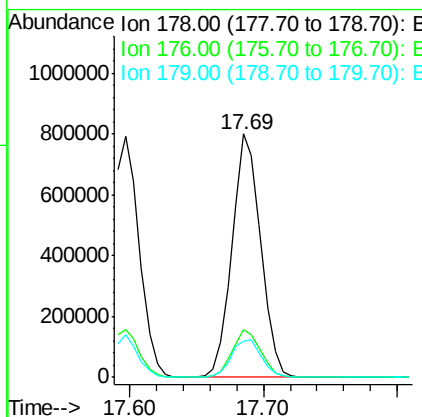
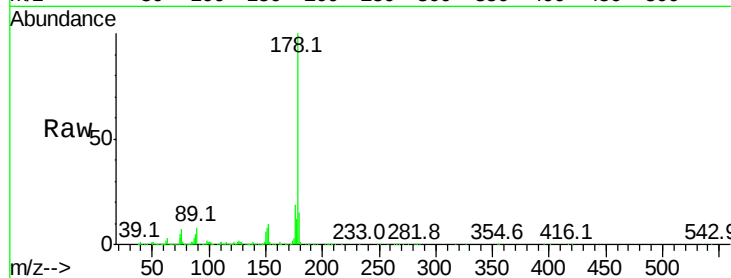


#71
 Anthracene
 Concen: 25.39 ng
 RT: 17.69 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 1193127

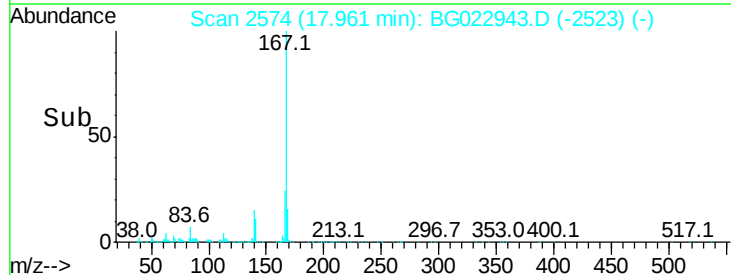
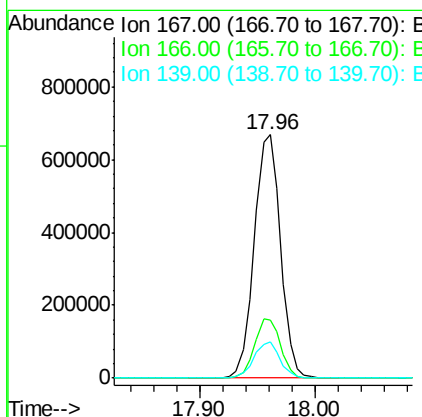
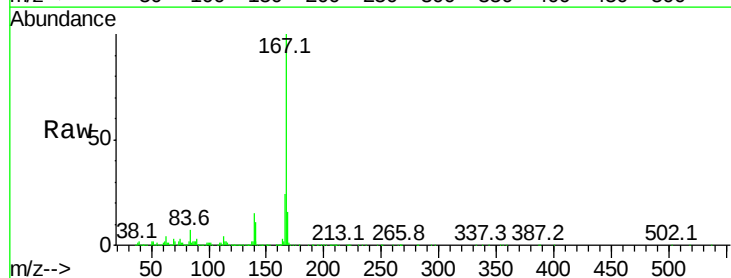
Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.3	25.9
179	15.1	14.0	21.0

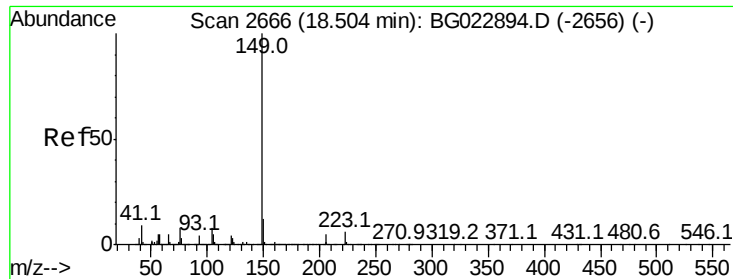


#72
 Carbazole
 Concen: 26.11 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. -0.00 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

Tgt Ion:167 Resp: 1060407

Ion	Ratio	Lower	Upper
167	100		
166	24.1	20.7	31.1
139	14.7	11.9	17.9





#73

Di-n-butylphthalate

Concen: 26.82 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampleId :

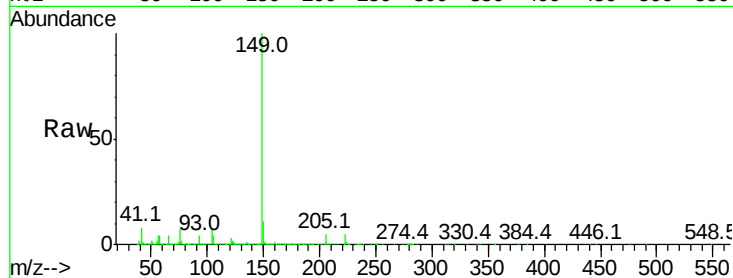
Tot Ion:149 Resp: 1211408

Ion Ratio Lower Upper

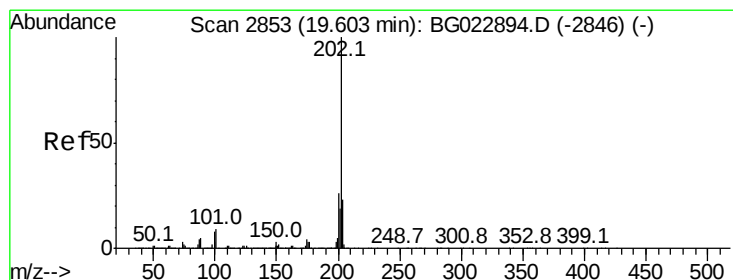
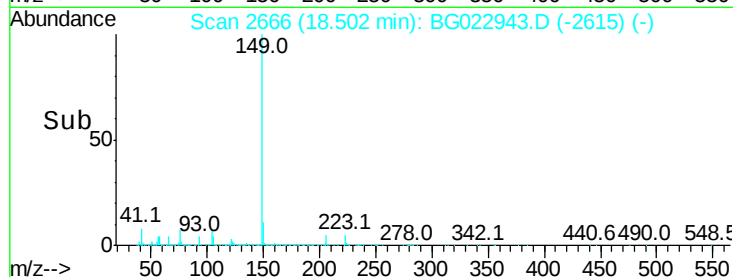
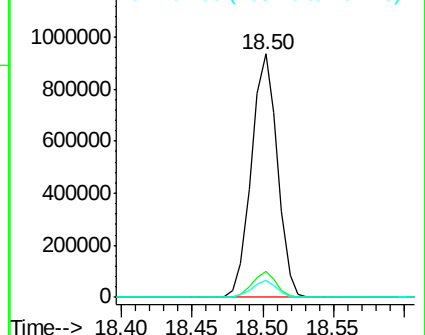
149 100

150 10.6 9.1 13.7

104 6.9 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: 24.16 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

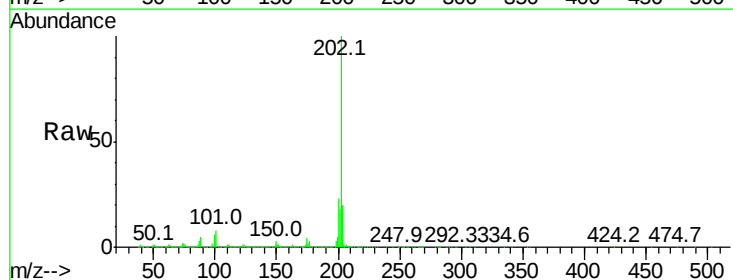
Tgt Ion:202 Resp: 1376268

Ion Ratio Lower Upper

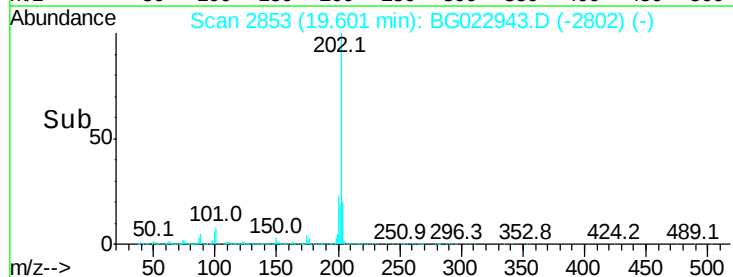
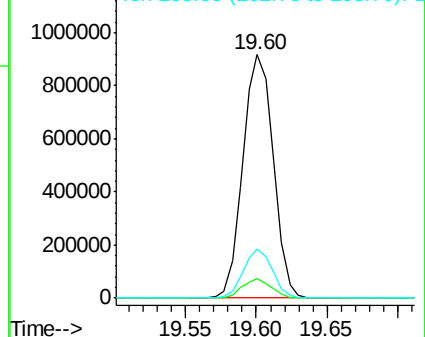
202 100

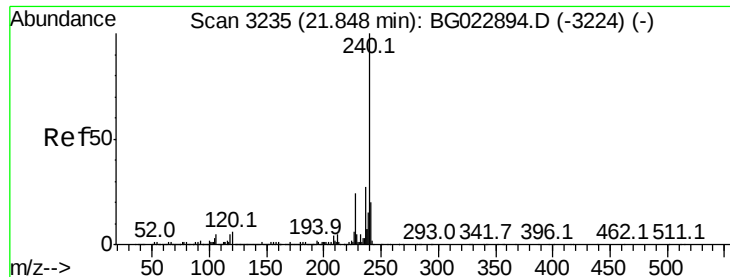
101 8.3 0.0 27.4

203 20.1 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: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

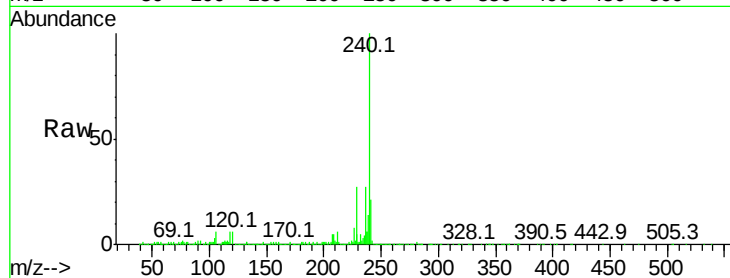
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 1010072

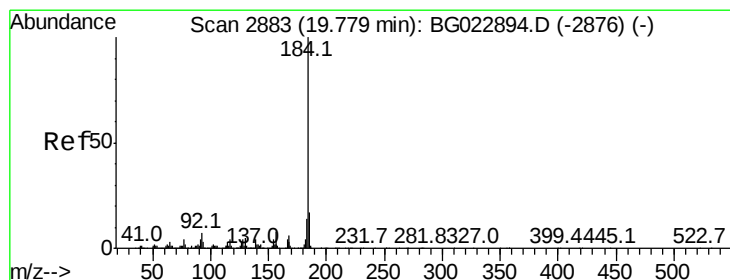
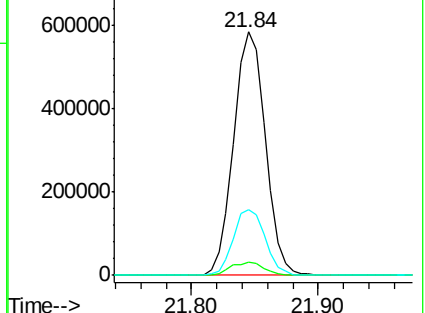
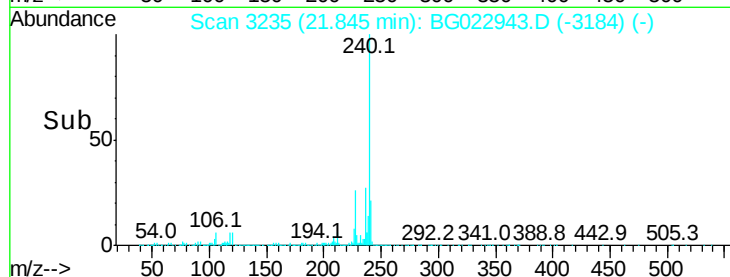
Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.1	6.1
236	27.0	21.1	31.7



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: 19.35 ng

RT: 19.78 min Scan# 2883

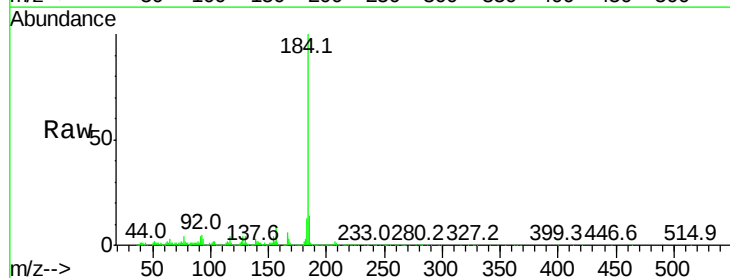
Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Tgt Ion:184 Resp: 560325

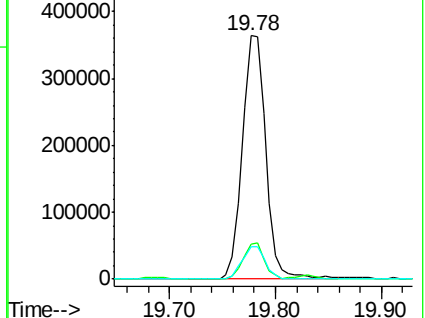
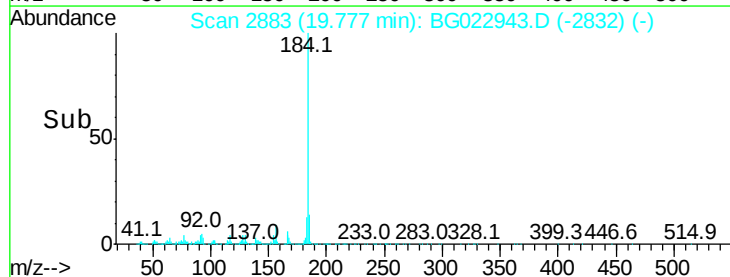
Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	19.0
183	13.2	10.7	16.1

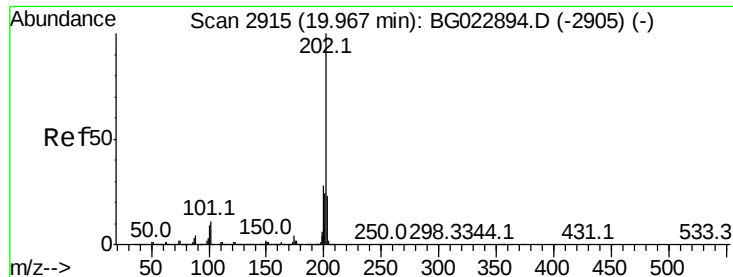


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 23.95 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

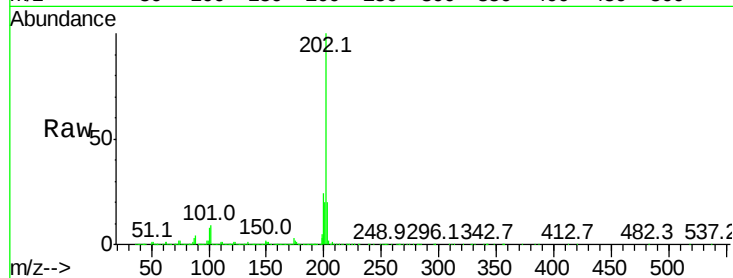
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1359283

Ion	Ratio	Lower	Upper
202	100		
200	24.0	21.2	31.8
203	19.8	16.8	25.2

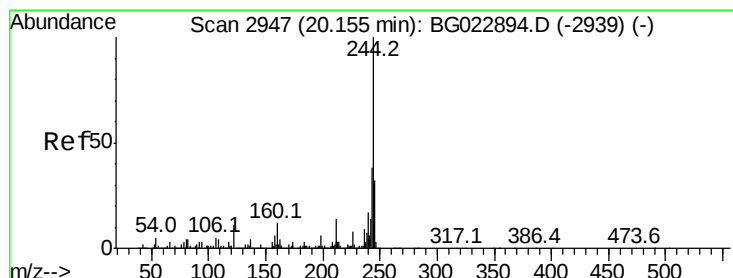
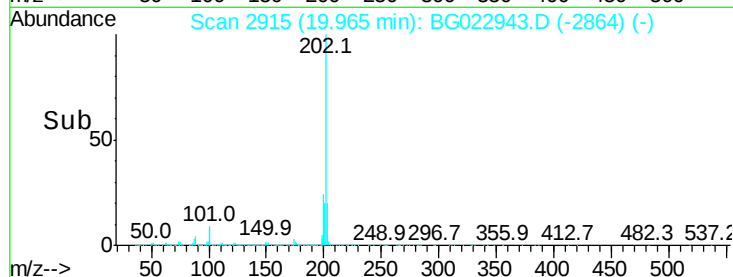
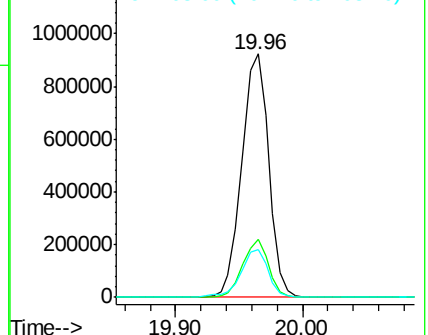


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 54.55 ng

RT: 20.15 min Scan# 2947

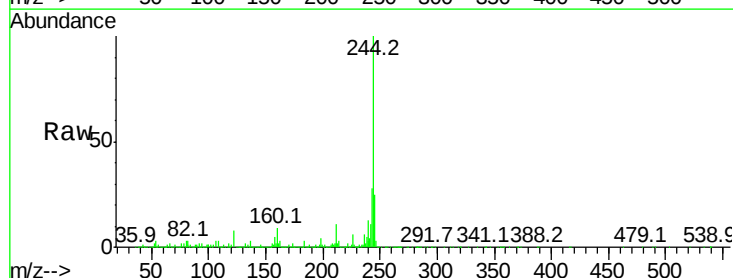
Delta R.T. -0.00 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Tgt Ion:244 Resp: 2001697

Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.8	16.2
122	8.3	8.0	12.0

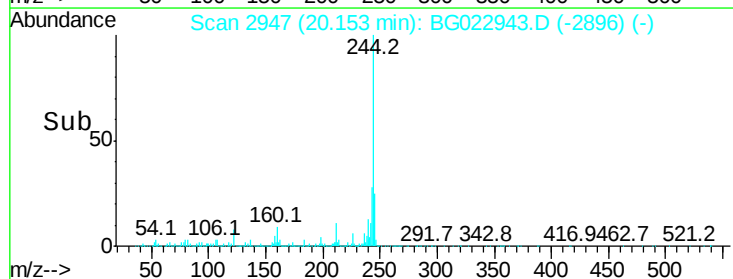
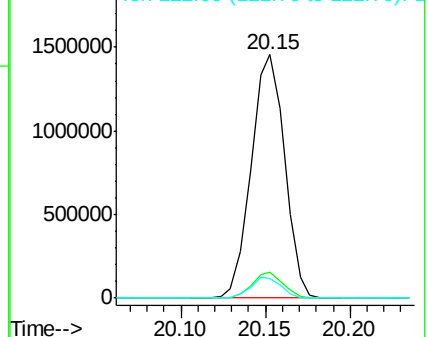


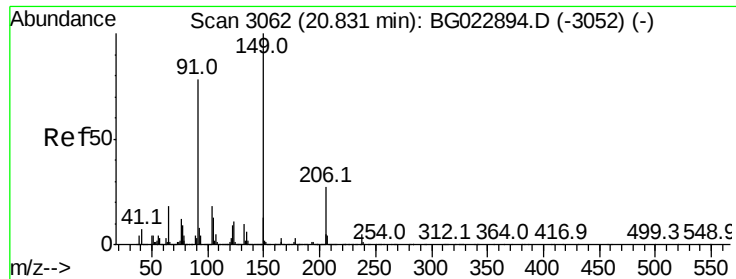
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

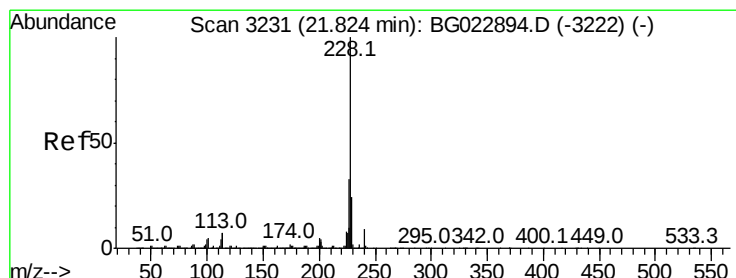
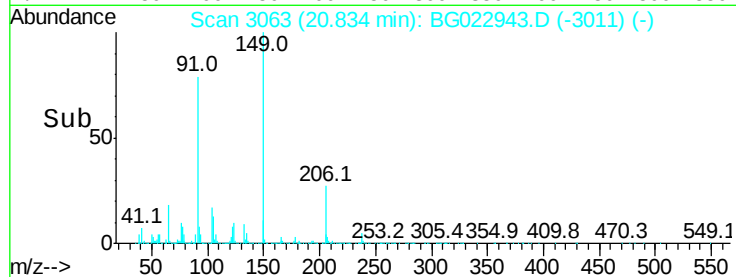
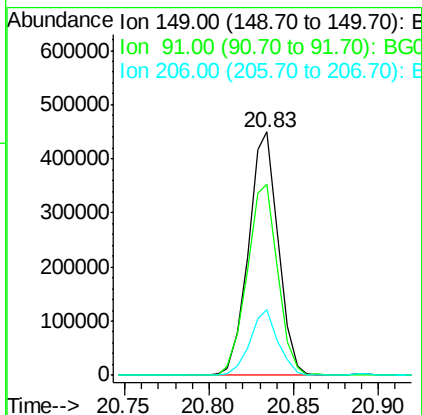
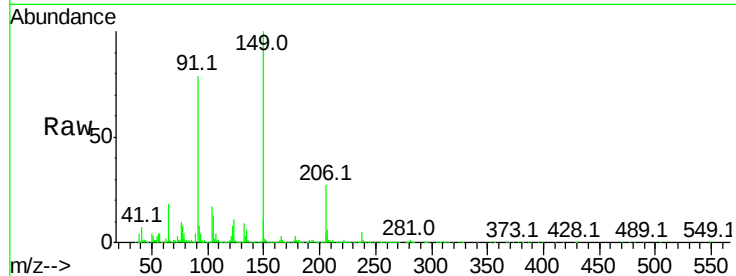




#79
Butylbenzylphthalate
Concen: 24.39 ng
RT: 20.83 min Scan# 3063
Delta R.T. 0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

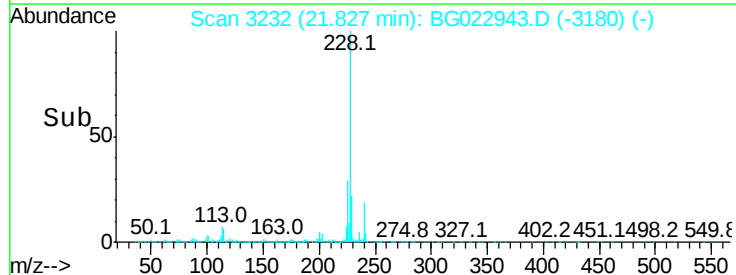
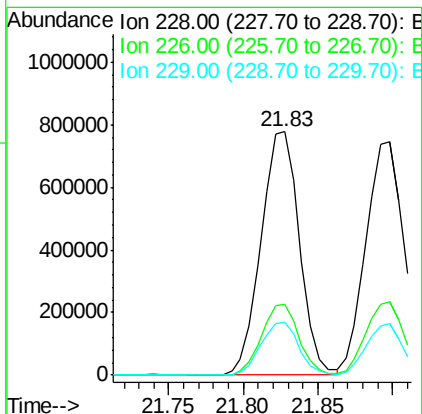
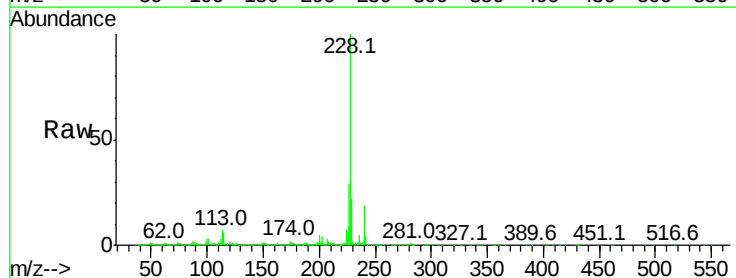
Instrument :
BNA_G
ClientSampleId :

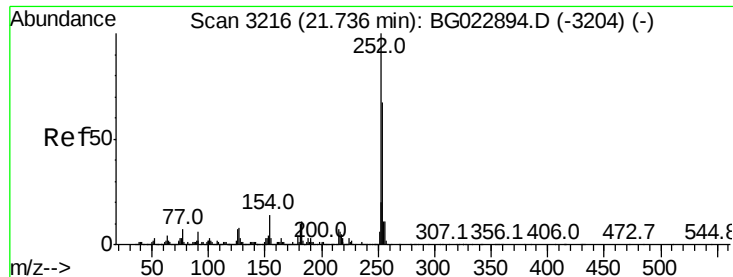
Tot Ion:149 Resp: 548401
Ion Ratio Lower Upper
149 100
91 78.7 68.1 102.1
206 26.9 19.8 29.6



#80
Benzo(a)anthracene
Concen: 24.56 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG022943.D
Acq: 8 Jul 2016 23:25

Tgt Ion:228 Resp: 1387768
Ion Ratio Lower Upper
228 100
226 29.2 25.3 37.9
229 21.8 19.9 29.9

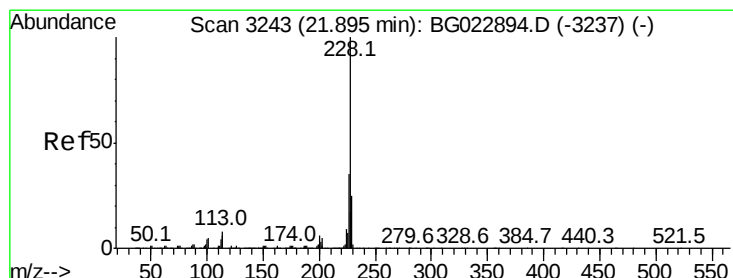
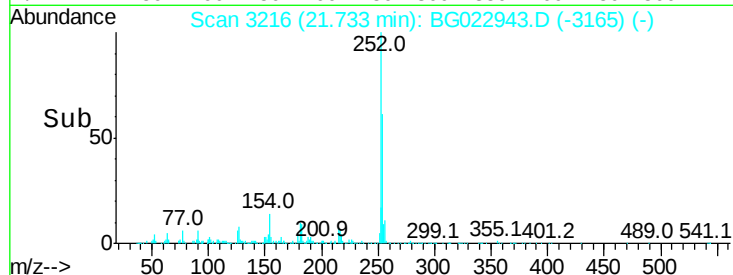
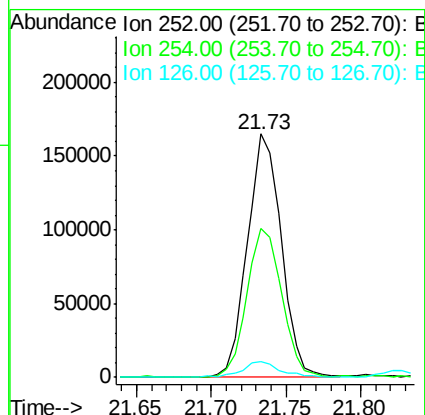
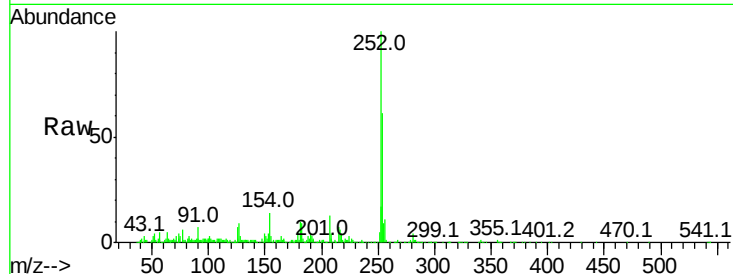




#81
 3,3'-Dichlorobenzidine
 Concen: 10.46 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

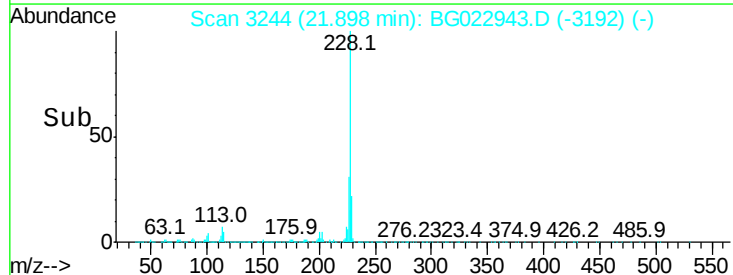
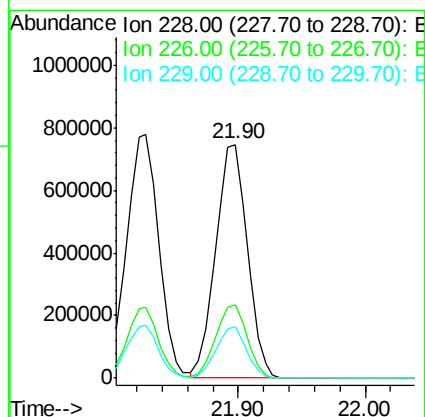
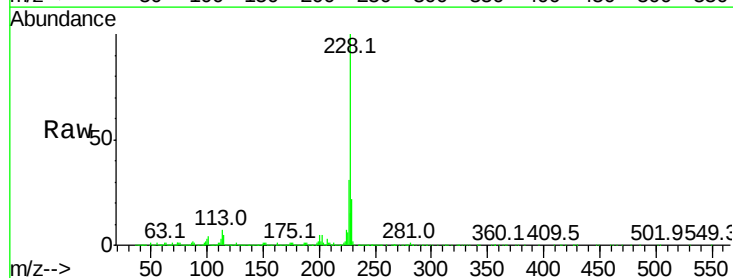
Instrument :
 BNA_G
 ClientSampleId :

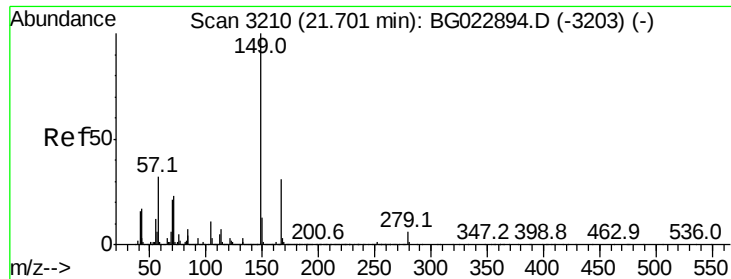
Tot Ion:252 Resp: 259505
 Ion Ratio Lower Upper
 252 100
 254 61.1 51.2 76.8
 126 6.5 5.3 7.9



#82
 Chrysene
 Concen: 24.56 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.00 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

Tgt Ion:228 Resp: 1301972
 Ion Ratio Lower Upper
 228 100
 226 31.3 26.7 40.1
 229 22.1 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.96 ng

RT: 21.70 min Scan# 3211

Delta R.T. 0.00 min

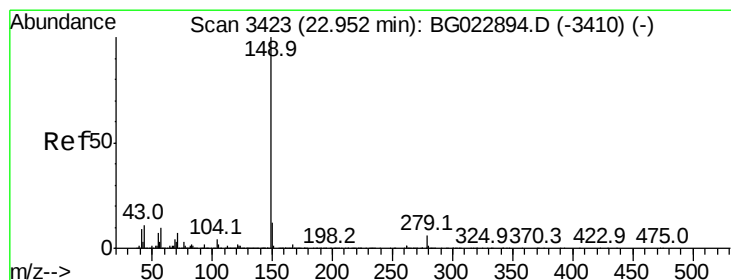
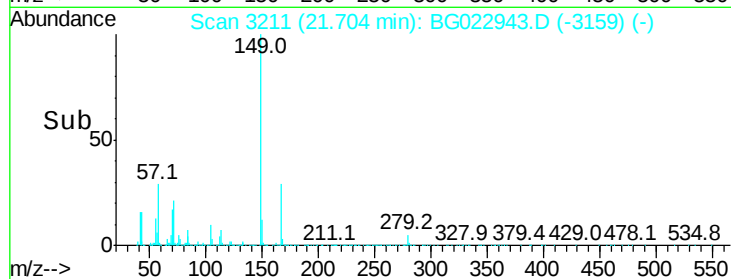
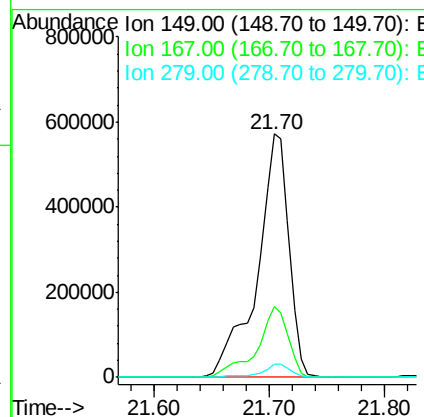
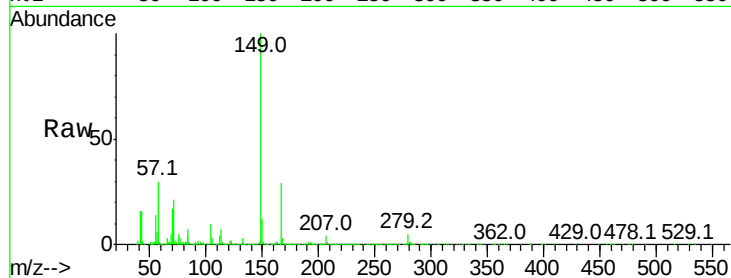
Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1091375

Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.0	36.0
279	5.2	4.8	7.2



#84

Di-n-octyl phthalate

Concen: 24.83 ng

RT: 22.96 min Scan# 3425

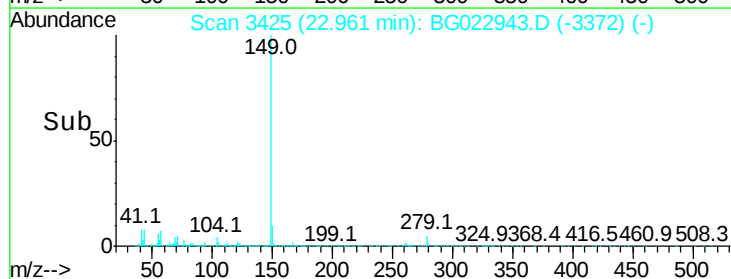
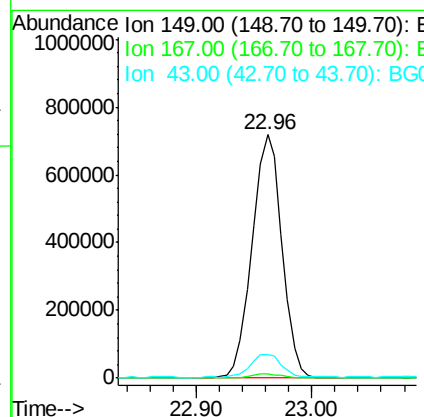
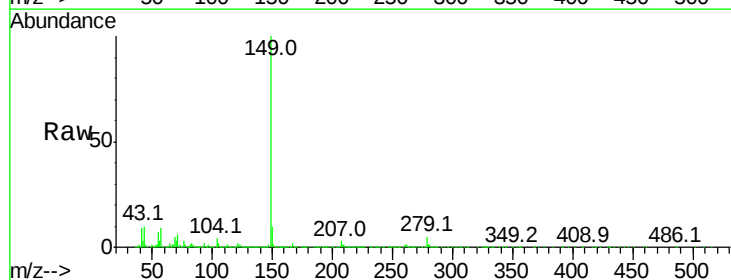
Delta R.T. 0.01 min

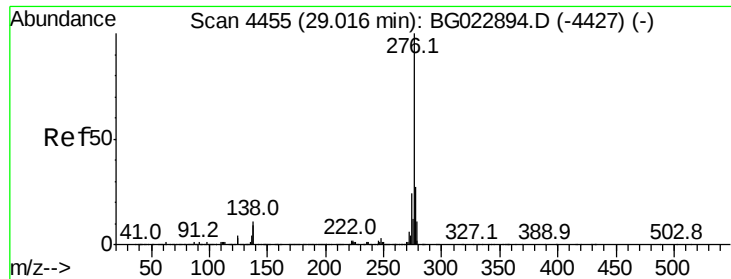
Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Tgt Ion:149 Resp: 1292636

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.5	2.3
43	9.6	8.8	13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 23.17 ng

RT: 29.05 min Scan# 4462

Delta R.T. 0.04 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampleId :

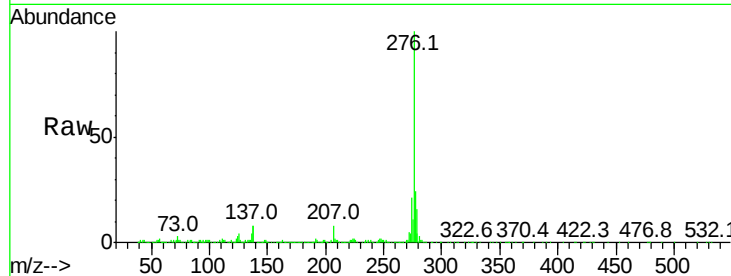
Tot Ion:276 Resp: 1566363

Ion Ratio Lower Upper

276 100

138 5.1 0.0 0.0#

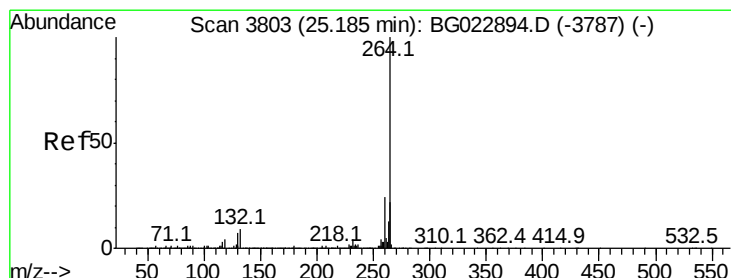
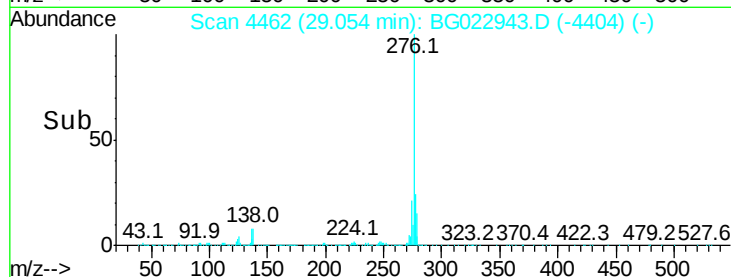
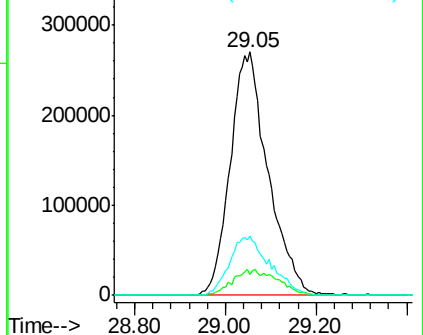
277 25.6 0.0 0.0#



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: 25.21 min Scan# 3807

Delta R.T. 0.02 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

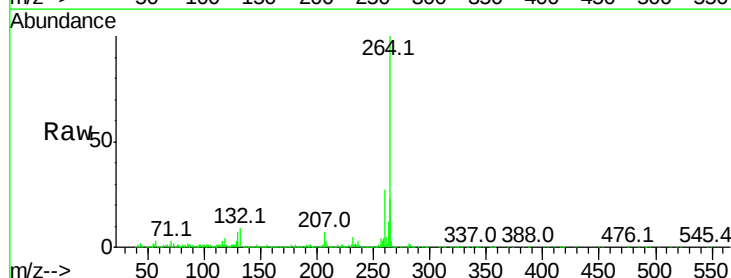
Tgt Ion:264 Resp: 1011382

Ion Ratio Lower Upper

264 100

260 26.6 18.4 27.6

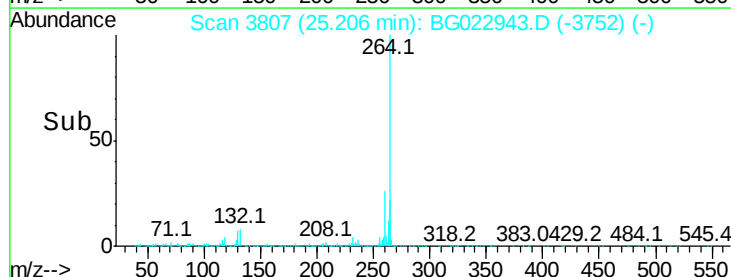
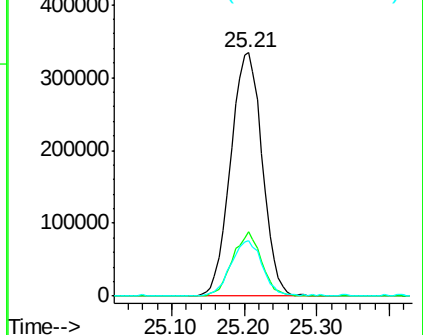
265 22.7 18.9 28.3

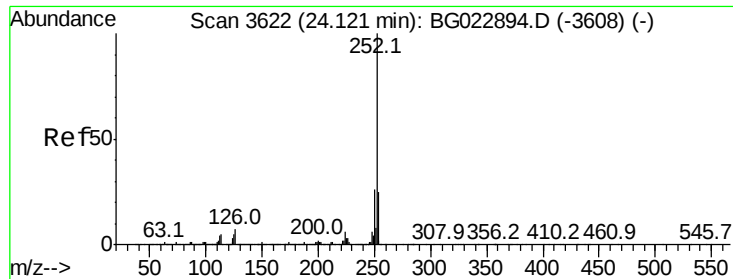


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 23.43 ng

RT: 24.20 min Scan# 3636

Delta R.T. 0.08 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Instrument :

BNA_G

ClientSampleId :

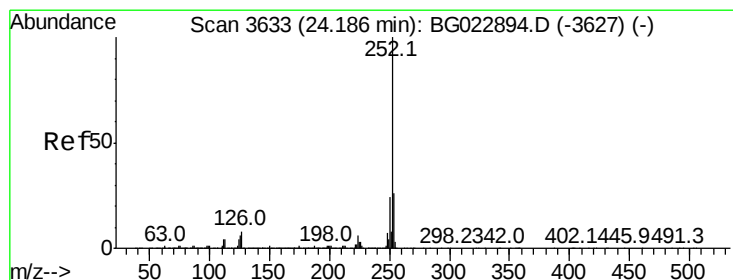
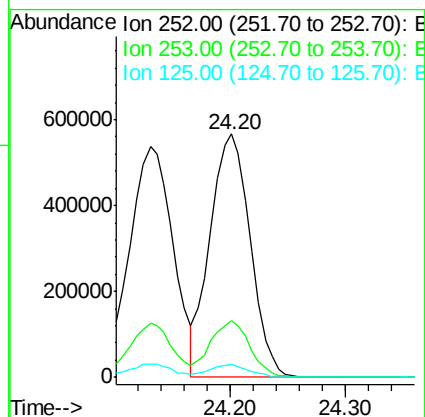
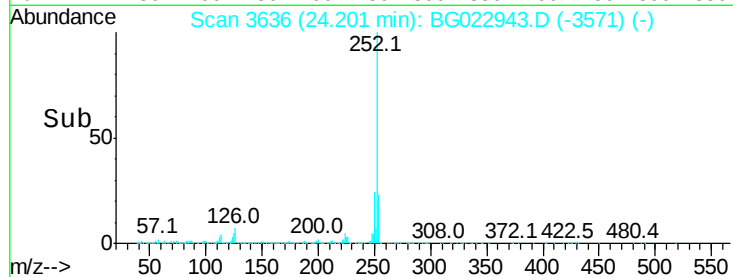
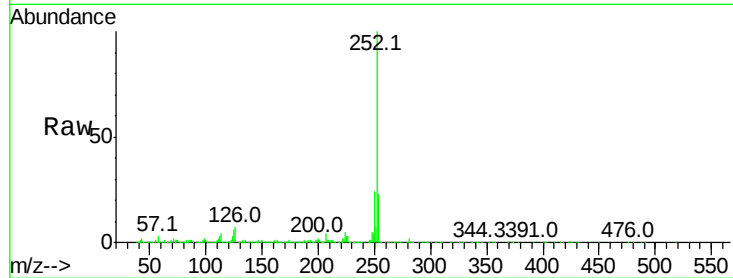
Tot Ion:252 Resp: 1367346

Ion Ratio Lower Upper

252 100

253 23.1 18.9 28.3

125 5.6 3.9 5.9



#88

Benzo(k)fluoranthene

Concen: 24.69 ng

RT: 24.20 min Scan# 3636

Delta R.T. 0.02 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

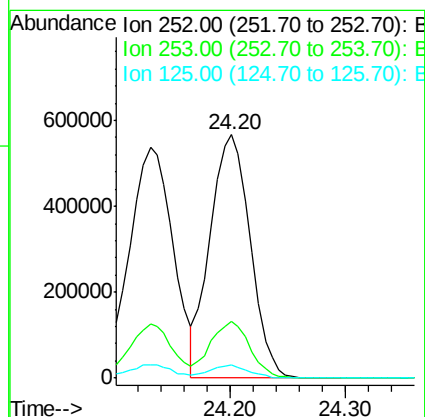
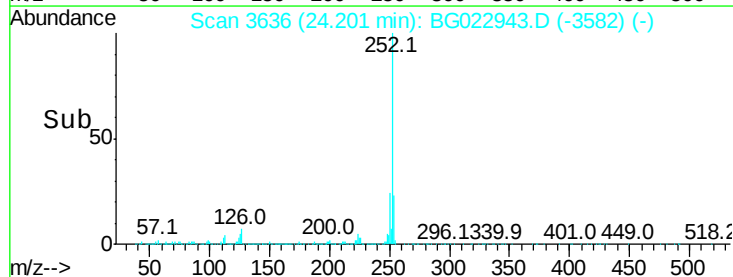
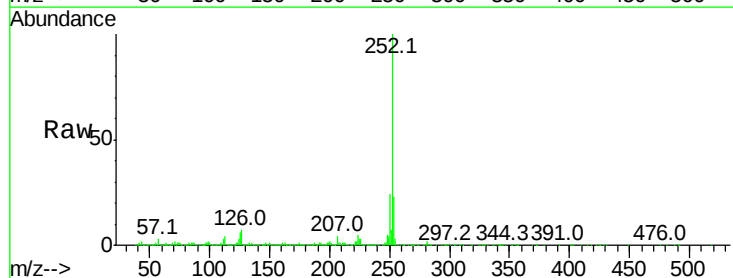
Tgt Ion:252 Resp: 1367346

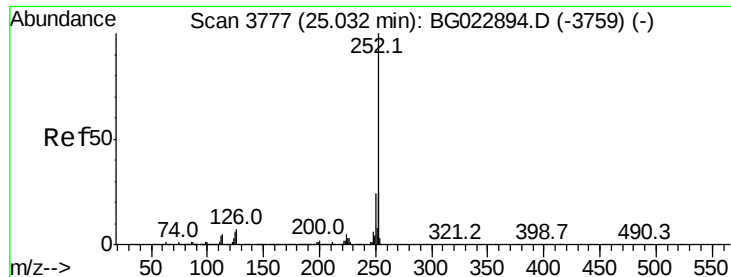
Ion Ratio Lower Upper

252 100

253 23.1 18.8 28.2

125 5.6 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 24.68 ng

RT: 25.05 min Scan# 3780

Delta R.T. 0.02 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

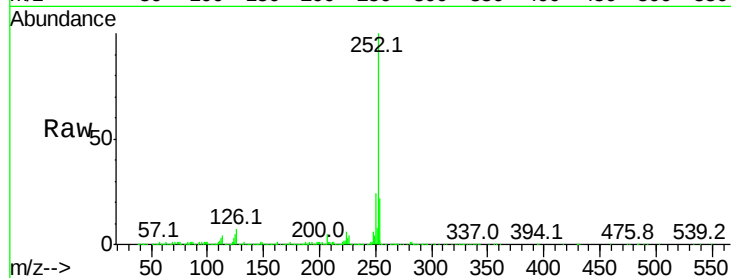
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1380316

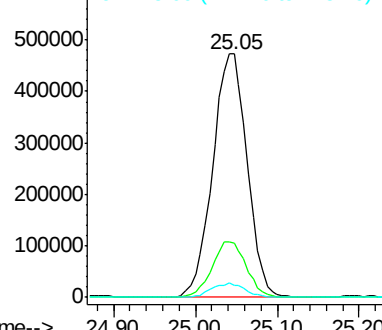
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	4.7	3.9	5.9



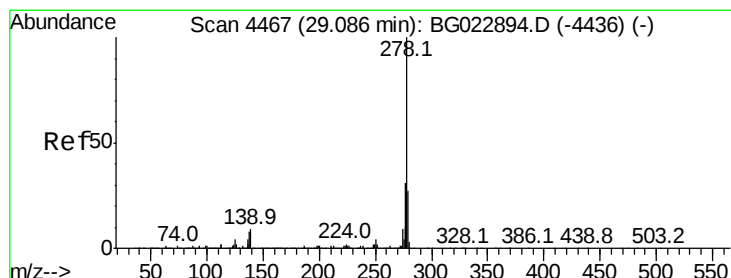
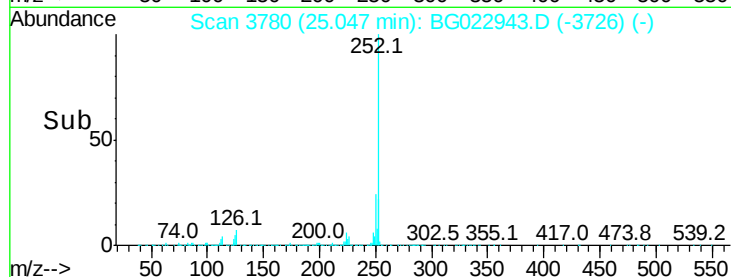
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 23.62 ng

RT: 29.11 min Scan# 4472

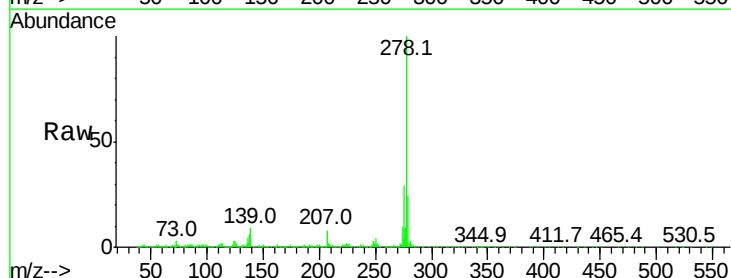
Delta R.T. 0.03 min

Lab File: BG022943.D

Acq: 8 Jul 2016 23:25

Tgt Ion:278 Resp: 1311261

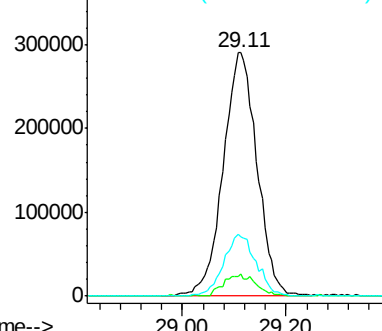
Ion	Ratio	Lower	Upper
278	100		
139	9.3	4.7	7.1#
279	24.3	18.3	27.5



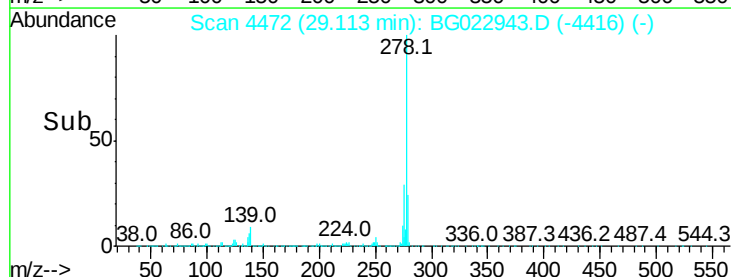
Abundance Ion 278.00 (277.70 to 278.70): E

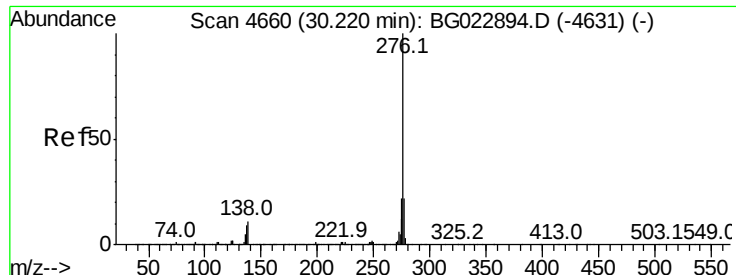
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



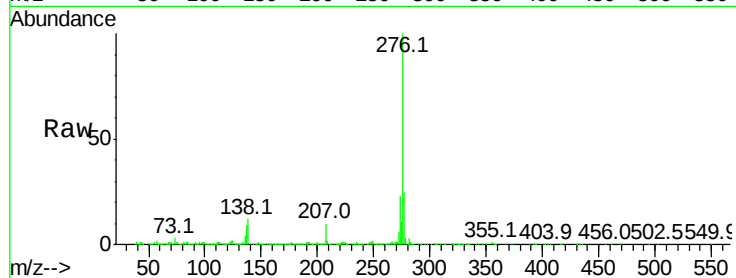


#91
 Benzo(a,h,i)perylene
 Concen: 23.35 ng
 RT: 30.25 min Scan# 4666
 Delta R.T. 0.03 min
 Lab File: BG022943.D
 Acq: 8 Jul 2016 23:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1298340

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	27.8
138	12.0	6.8	10.2



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

