

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023121.D
 Acq On : 15 Jul 2016 20:10
 Operator : UM/SJ
 Sample : H4018-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)CMS

Quant Time: Jul 16 01:08:23 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	133181	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	601083	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	433402	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	933399	20.00	ng	0.00
75) Chrysene-d12	21.86	240	879118	20.00	ng	0.01
86) Perylene-d12	25.23	264	901740	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	1278450	157.00	ng	0.00
7) Phenol-d6	7.32	99	1959422	153.63	ng	0.01
23) Nitrobenzene-d5	9.33	82	1447620	103.12	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	911420	117.01	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2595231	94.32	ng	0.00
78) Terphenyl-d14	20.15	244	2896269	125.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	111191	35.13	ng	92
3) Pyridine	3.97	79	377478	34.85	ng	98
4) n-Nitrosodimethylamine	3.89	42	213139	45.87	ng	# 94
6) Aniline	7.48	93	590616	33.42	ng	98
8) 2-Chlorophenol	7.72	128	444544	51.30	ng	94
9) Benzaldehyde	7.29	77	236876	27.80	ng	91
10) Phenol	7.34	94	698177	53.20	ng	94
11) bis(2-Chloroethyl)ether	7.57	93	472344	45.41	ng	96
12) 1,3-Dichlorobenzene	8.04	146	440765	41.55	ng	98
13) 1,4-Dichlorobenzene	8.19	146	455221	42.87	ng	93
14) 1,2-Dichlorobenzene	8.51	146	444264	42.08	ng	94
15) Benzyl Alcohol	8.39	79	618759	52.97	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	599654	47.20	ng	94
17) 2-Methylphenol	8.60	107	439148	51.41	ng	96
18) Hexachloroethane	9.24	117	193409	43.14	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	506005	44.01	ng	94
20) 3+4-Methylphenols	8.93	107	601827	50.52	ng	94
22) Acetophenone	8.99	105	802378	44.48	ng	# 95
24) Nitrobenzene	9.37	77	721581	48.37	ng	95
25) Isophorone	9.89	82	1270494	45.00	ng	97
26) 2-Nitrophenol	10.09	139	284775	48.66	ng	89
27) 2,4-Dimethylphenol	10.14	122	461846	45.65	ng	88
28) bis(2-Chloroethoxy)methane	10.37	93	726378	46.13	ng	100
29) 2,4-Dichlorophenol	10.62	162	530914	49.20	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	545295	44.10	ng	98
31) Naphthalene	11.04	128	1385188	45.27	ng	98
32) Benzoic acid	10.25	122	119349	12.97	ng	92
33) 4-Chloroaniline	11.14	127	294414	19.68	ng	98
34) Hexachlorobutadiene	11.31	225	416377	41.54	ng	96
35) Caprolactam	11.92	113	166023m	37.40	ng	
36) 4-Chloro-3-methylphenol	12.26	107	648502	43.94	ng	95
37) 2-Methylnaphthalene	12.63	142	1085010	44.86	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	711796	38.11	ng	98
40) Hexachlorocyclopentadiene	12.97	237	807311	75.09	ng	99

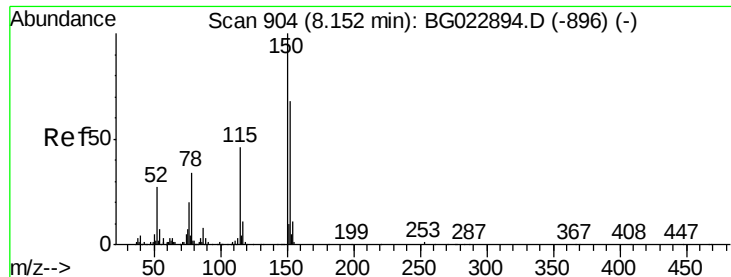
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
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Quant Time: Jul 16 01:08:23 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	495960	46.20	ng	98
43) 2,4,5-Trichlorophenol	13.32	196	514137	46.64	ng	96
45) 1,1'-Biphenyl	13.63	154	1489533	45.81	ng	95
46) 2-Chloronaphthalene	13.68	162	1247384	47.29	ng	96
47) 2-Nitroaniline	13.89	65	526171	46.75	ng	94
48) Acenaphthylene	14.53	152	1792467	45.30	ng	96
49) Dimethylphthalate	14.25	163	2215519	62.58	ng	# 95
50) 2,6-Dinitrotoluene	14.37	165	366622	46.08	ng	95
51) Acenaphthene	14.87	154	1181335	45.69	ng	98
52) 3-Nitroaniline	14.71	138	263652	33.23	ng	91
53) 2,4-Dinitrophenol	14.91	184	321934	58.97	ng	94
54) Dibenzofuran	15.20	168	1847340	47.73	ng	98
55) 4-Nitrophenol	15.03	139	500903	75.32	ng	93
56) 2,4-Dinitrotoluene	15.16	165	523323	45.12	ng	98
57) Fluorene	15.85	166	1474327	44.26	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	495401	44.92	ng	98
59) Diethylphthalate	15.61	149	1661096	46.11	ng	95
60) 4-Chlorophenyl-phenylether	15.84	204	865897	42.68	ng	99
61) 4-Nitroaniline	15.88	138	330692	38.52	ng	# 87
62) Azobenzene	16.13	77	1777788	51.60	ng	94
64) 4,6-Dinitro-2-methylphenol	15.93	198	293884	42.36	ng	96
65) n-Nitrosodiphenylamine	16.05	169	1365322	50.77	ng	97
66) 4-Bromophenyl-phenylether	16.74	248	564857	46.51	ng	98
67) Hexachlorobenzene	16.85	284	585628	44.35	ng	97
68) Atrazine	17.00	200	560452	46.98	ng	97
69) Pentachlorophenol	17.21	266	711360	83.19	ng	99
70) Phenanthrene	17.60	178	2119315	46.33	ng	96
71) Anthracene	17.69	178	2154808	46.52	ng	96
72) Carbazole	17.96	167	1836417	45.88	ng	99
73) Di-n-butylphthalate	18.50	149	2235365	50.22	ng	98
74) Fluoranthene	19.60	202	2284844	40.70	ng	96
76) Benzidine	19.78	184	755377	29.97	ng	98
77) Pyrene	19.97	202	2295737	46.47	ng	97
79) Butylbenzylphthalate	20.84	149	1012962	51.77	ng	95
80) Benzo(a)anthracene	21.84	228	2337423	47.52	ng	97
81) 3,3'-Dichlorobenzidine	21.75	252	688183	31.88	ng	# 97
82) Chrysene	21.91	228	2189055	47.45	ng	96
83) Bis(2-ethylhexyl)phthalate	21.72	149	1422907	52.37	ng	99
84) Di-n-octyl phthalate	22.98	149	2344317	51.74	ng	99
85) Indeno(1,2,3-cd)pyrene	29.09	276	2646394	44.99	ng	# 100
87) Benzo(b)fluoranthene	24.16	252	2477674	47.62	ng	# 97
88) Benzo(k)fluoranthene	24.23	252	2406154	48.74	ng	# 96
89) Benzo(a)pyrene	25.07	252	2422198	48.57	ng	# 98
90) Dibenzo(a,h)anthracene	29.16	278	2174798	43.94	ng	# 94
91) Benzo(g,h,i)perylene	30.30	276	2158056	43.54	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

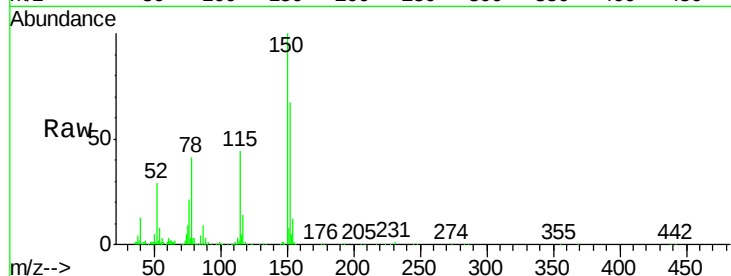
Tgt Ion:152 Resp: 133181

Ion Ratio Lower Upper

152 100

150 148.2 144.7 217.1

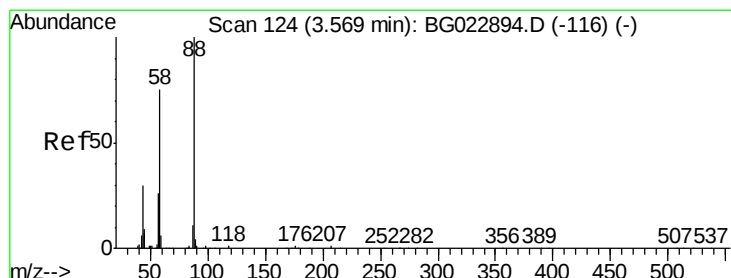
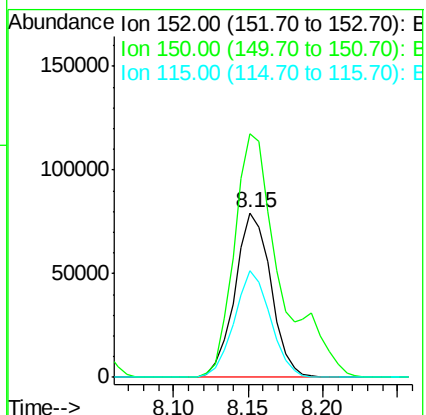
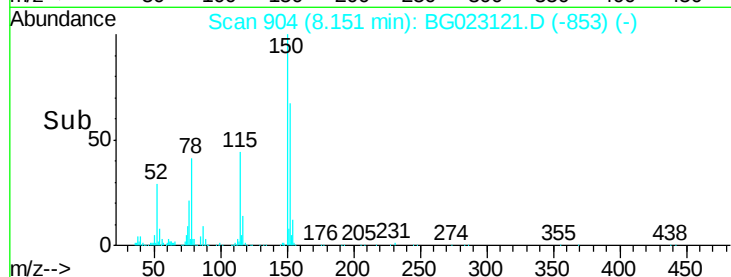
115 64.9 64.0 96.0



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: 35.13 ng

RT: 3.56 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

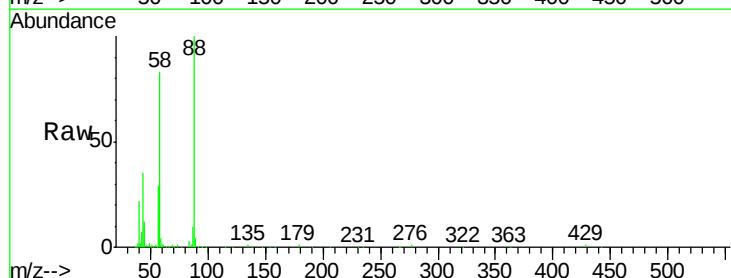
Tgt Ion: 88 Resp: 111191

Ion Ratio Lower Upper

88 100

58 82.9 60.4 90.6

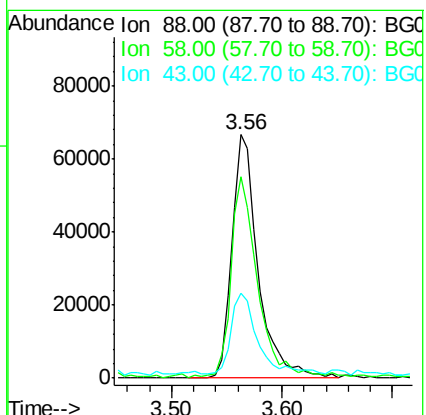
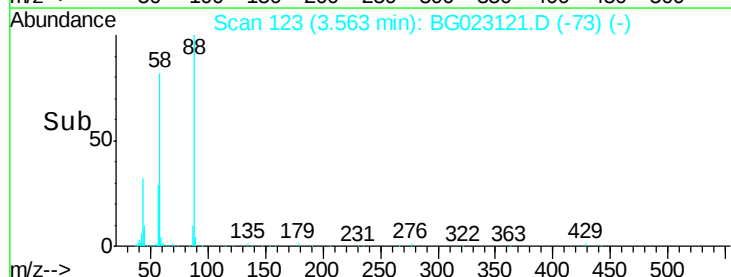
43 34.3 31.1 46.7

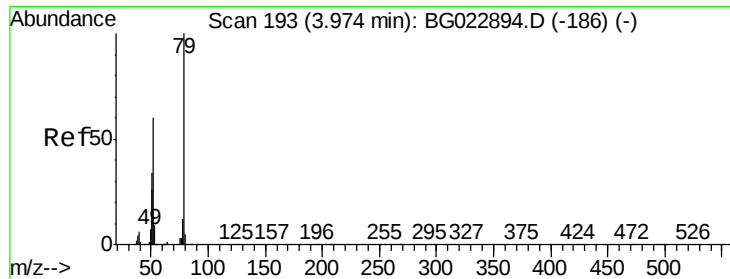


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.85 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

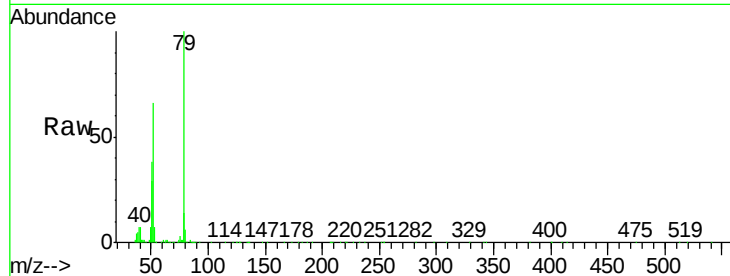
Tgt Ion: 79 Resp: 377478

Ion Ratio Lower Upper

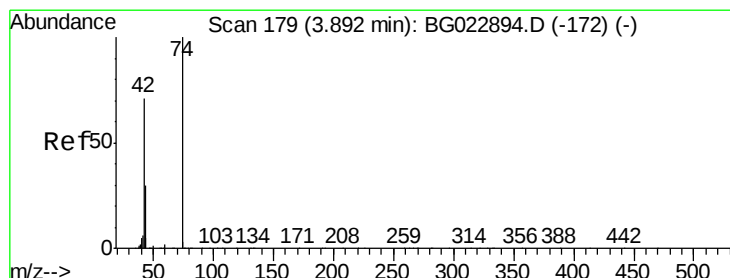
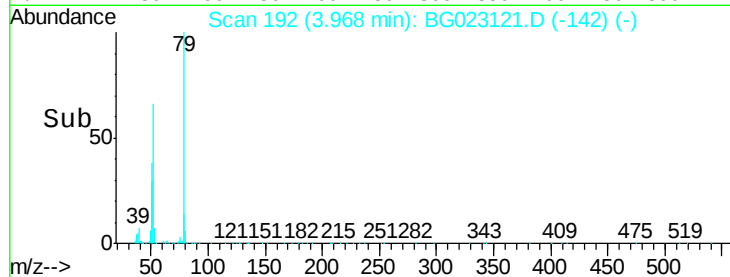
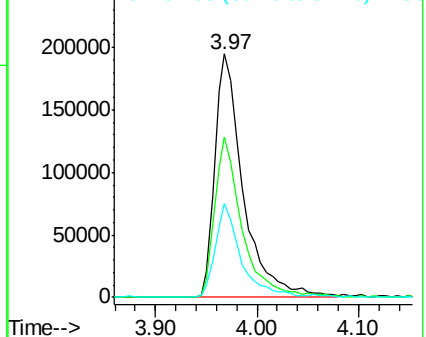
79 100

52 65.8 51.8 77.8

51 38.5 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: 45.87 ng

RT: 3.89 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

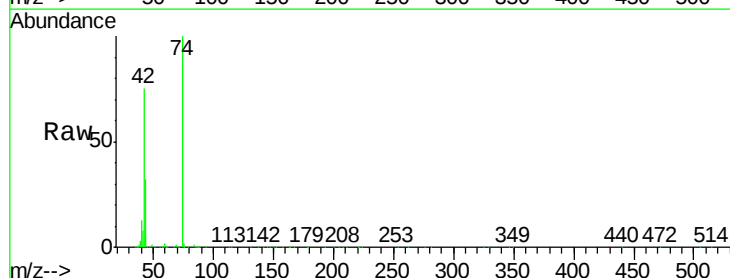
Tgt Ion: 42 Resp: 213139

Ion Ratio Lower Upper

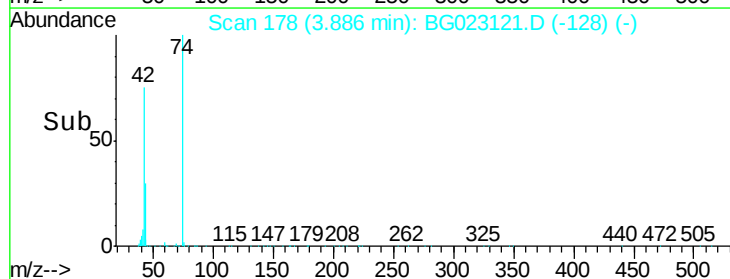
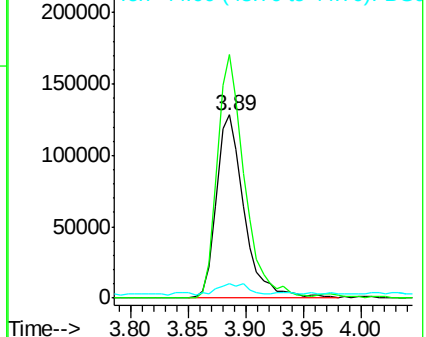
42 100

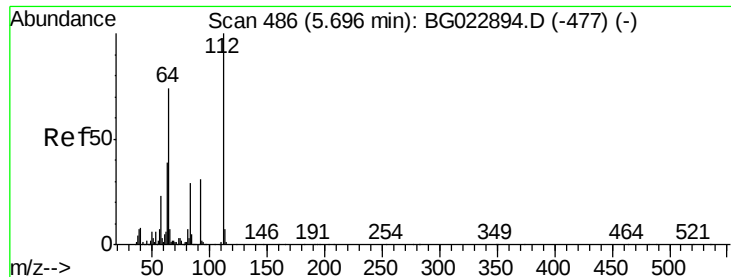
74 132.9 100.6 150.8

44 7.8 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: 157.00 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

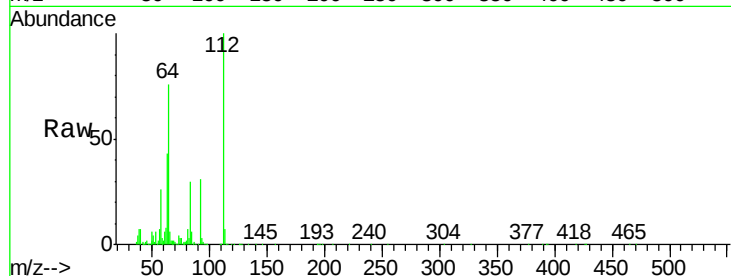
Tgt Ion: 112 Resp: 1278450

Ion Ratio Lower Upper

112 100

64 76.3 59.0 88.4

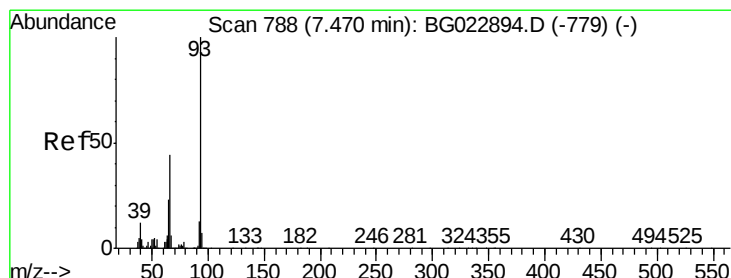
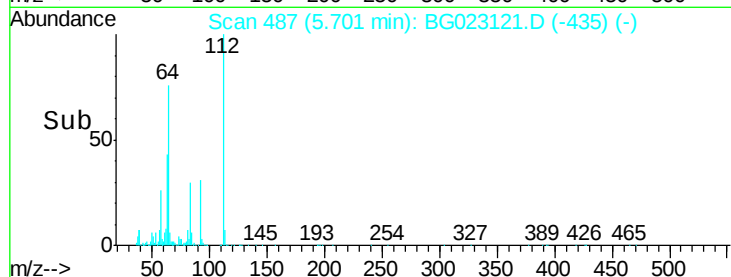
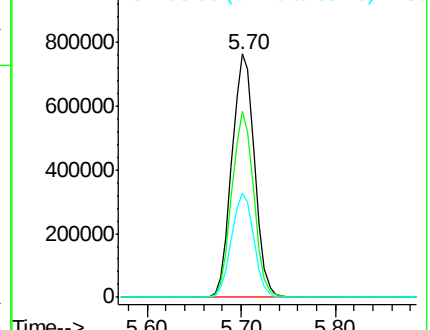
63 43.0 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.42 ng

RT: 7.48 min Scan# 789

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

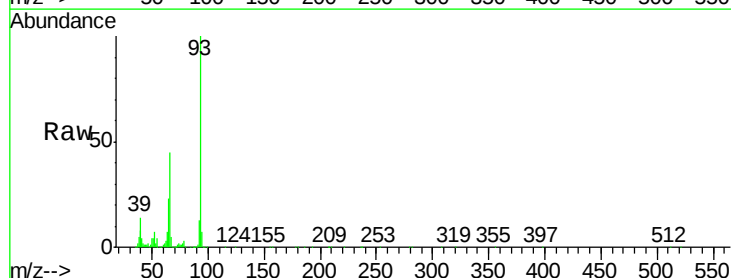
Tgt Ion: 93 Resp: 590616

Ion Ratio Lower Upper

93 100

66 45.5 37.5 56.3

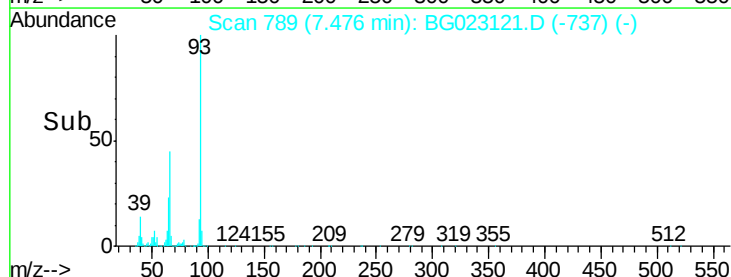
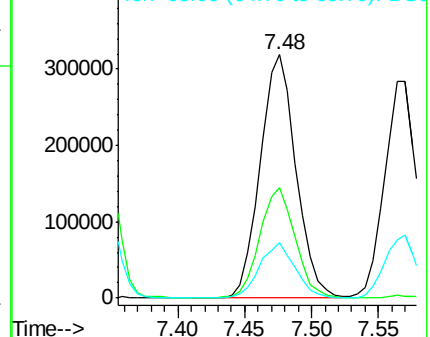
65 22.9 17.9 26.9

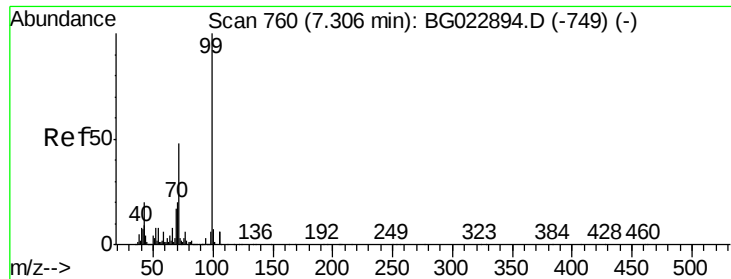


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 153.63 ng

RT: 7.32 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

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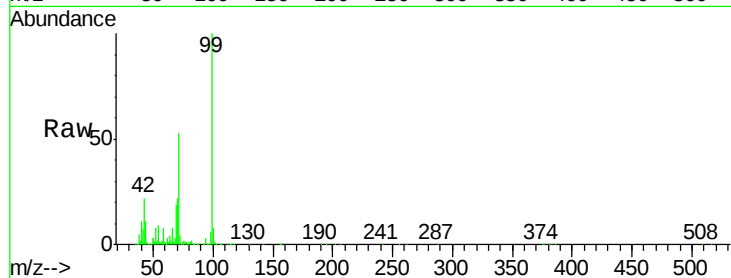
Tgt Ion: 99 Resp: 1959422

Ion Ratio Lower Upper

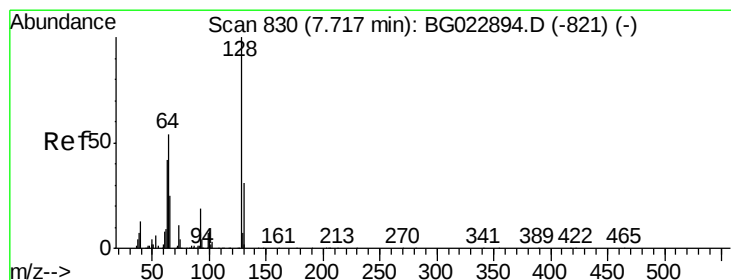
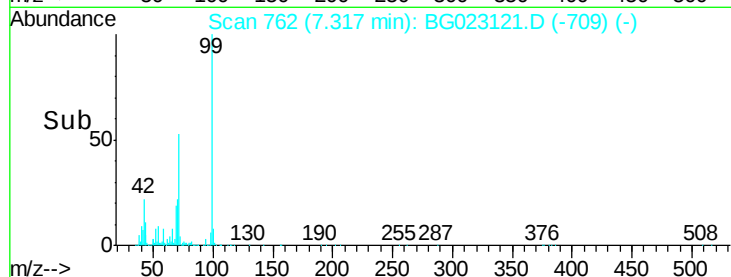
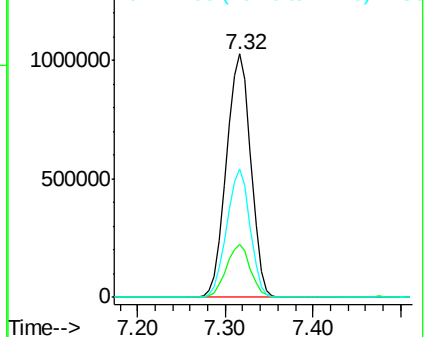
99 100

42 21.8 17.8 26.6

71 52.5 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: 51.30 ng

RT: 7.72 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

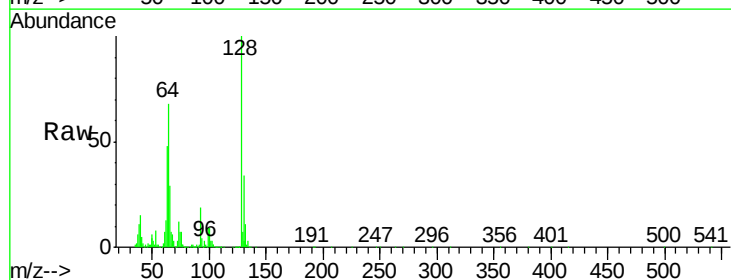
Tgt Ion: 128 Resp: 444544

Ion Ratio Lower Upper

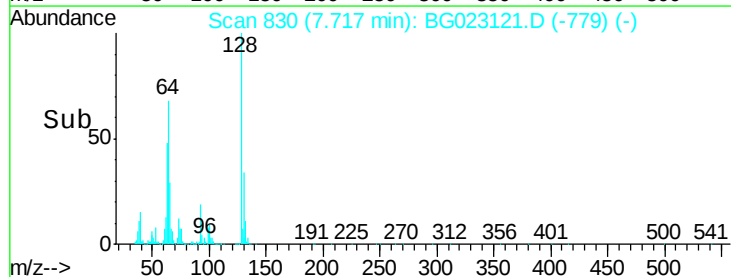
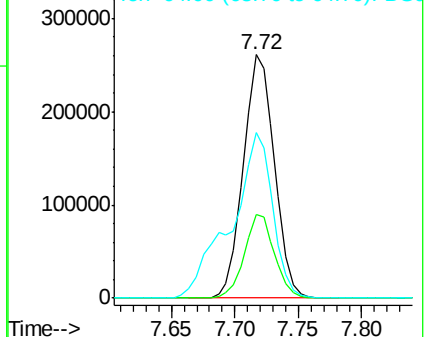
128 100

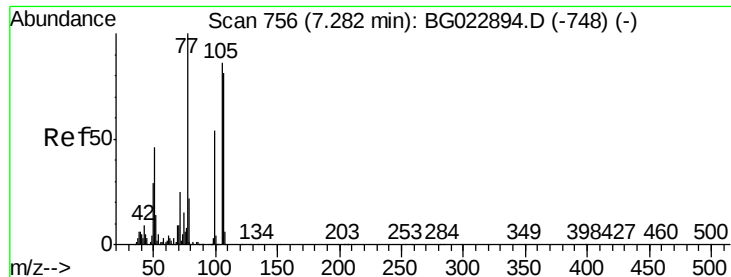
130 34.1 12.9 52.9

64 68.0 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: 27.80 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

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ClientSampleId :

D8-B3(6-12)CMS

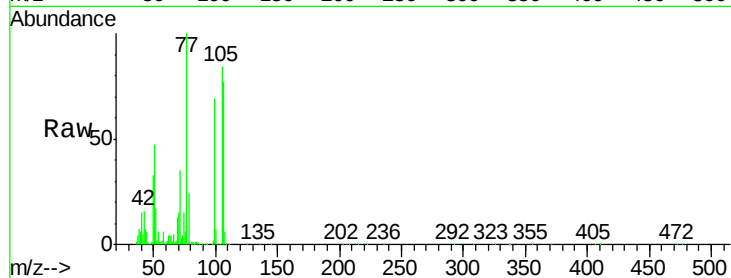
Tgt Ion: 77 Resp: 236876

Ion Ratio Lower Upper

77 100

105 84.1 58.7 98.7

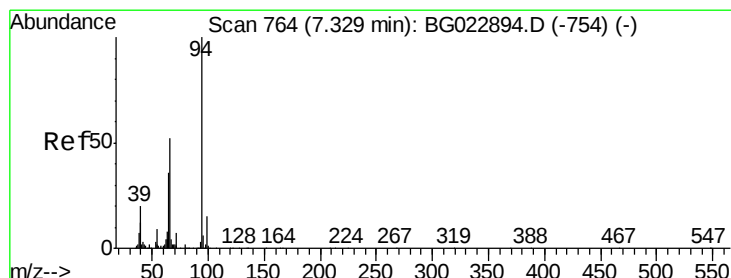
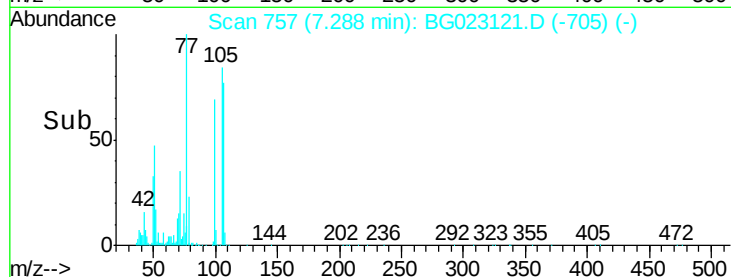
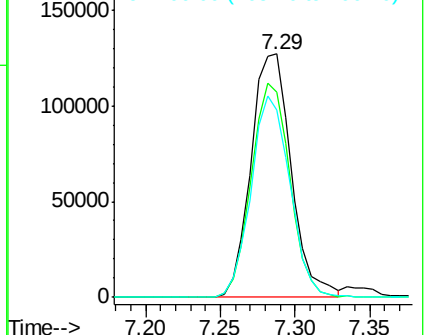
106 76.8 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 53.20 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

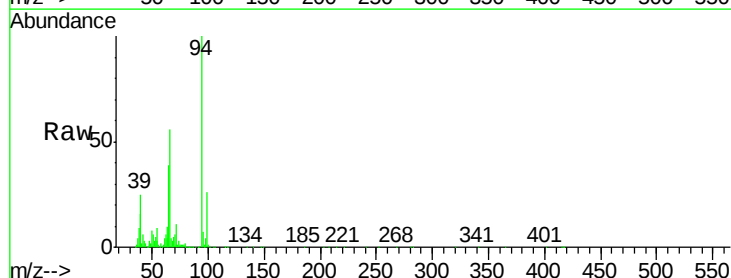
Tgt Ion: 94 Resp: 698177

Ion Ratio Lower Upper

94 100

65 38.8 18.1 58.1

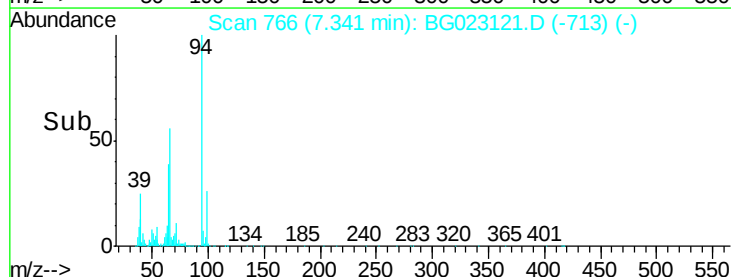
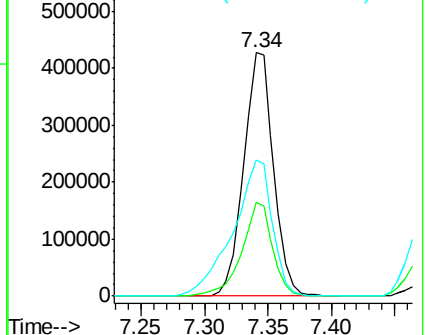
66 55.8 42.1 82.1

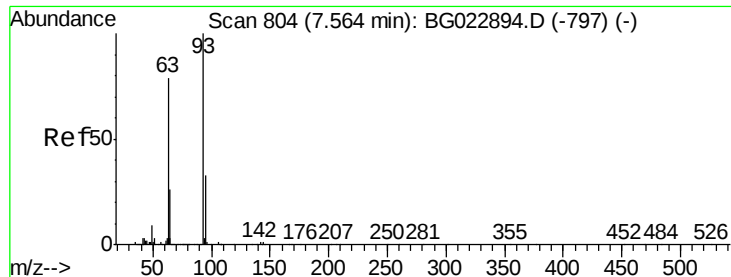


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

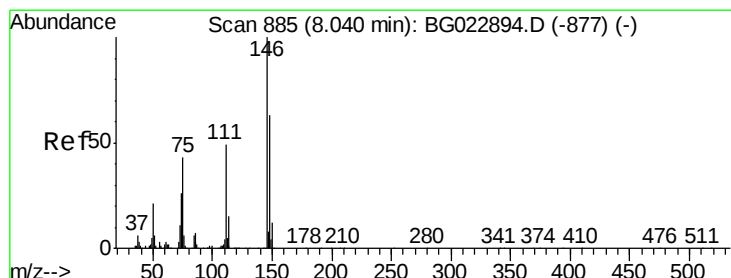
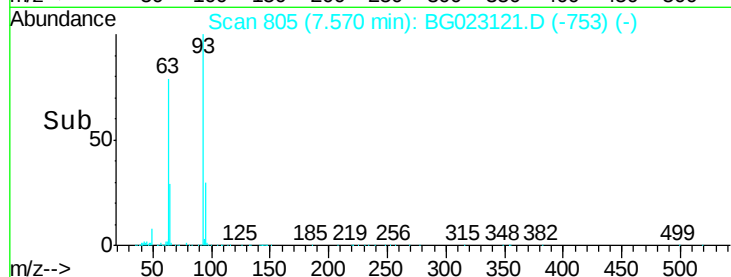
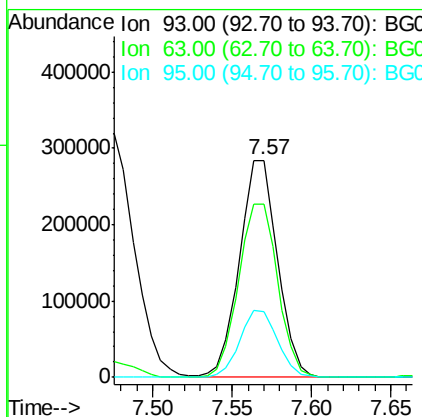
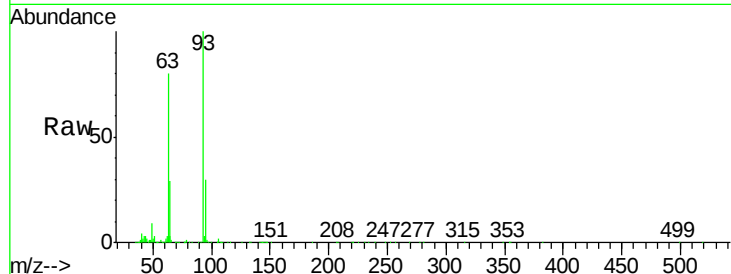




#11
bis(2-Chloroethyl)ether
Concen: 45.41 ng
RT: 7.57 min Scan# 805
Delta R.T. 0.01 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

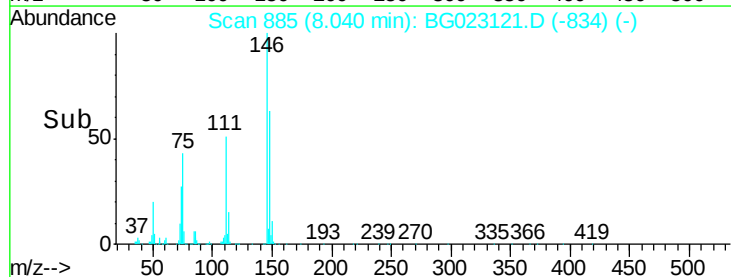
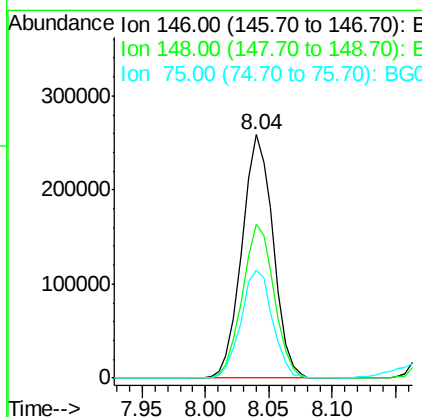
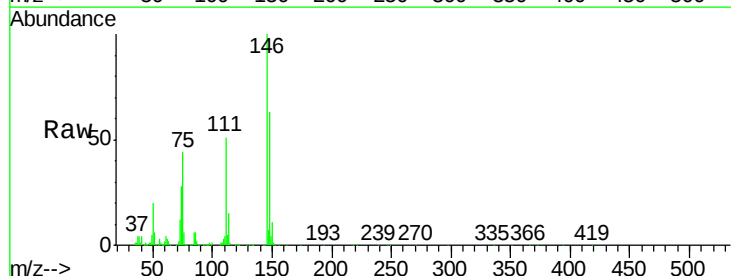
Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)CMS

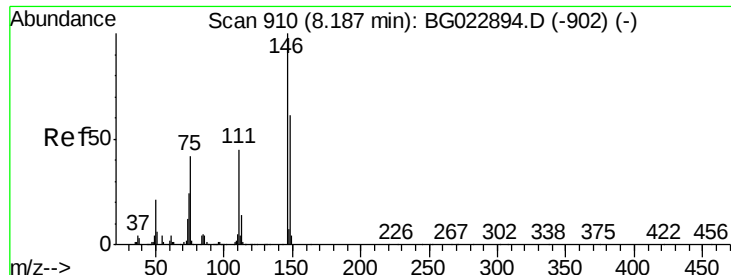
Tgt Ion: 93 Resp: 472344
Ion Ratio Lower Upper
93 100
63 79.8 55.0 95.0
95 30.0 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 41.55 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

Tgt Ion: 146 Resp: 440765
Ion Ratio Lower Upper
146 100
148 63.2 50.3 75.5
75 44.2 37.0 55.6

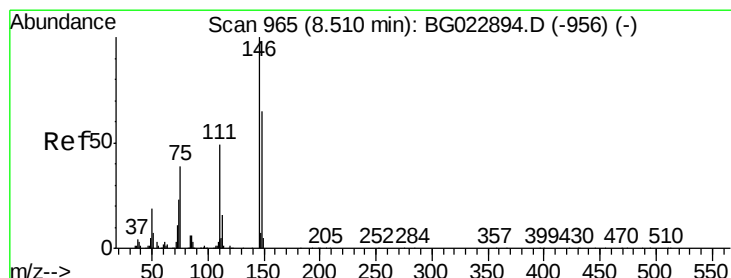
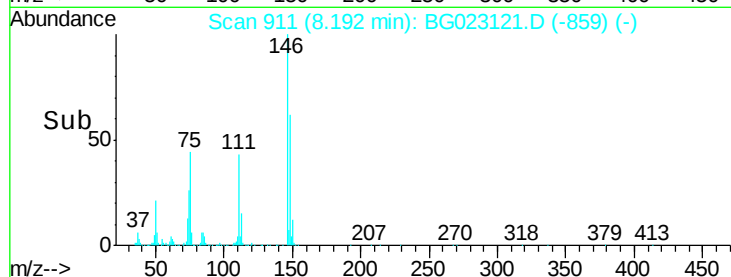
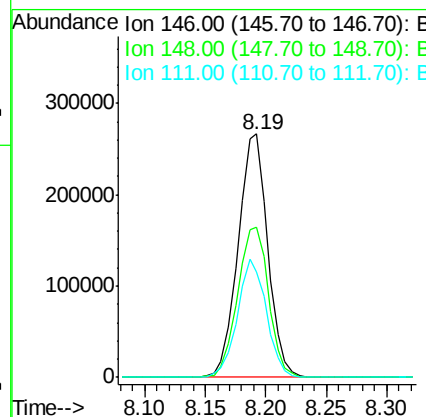
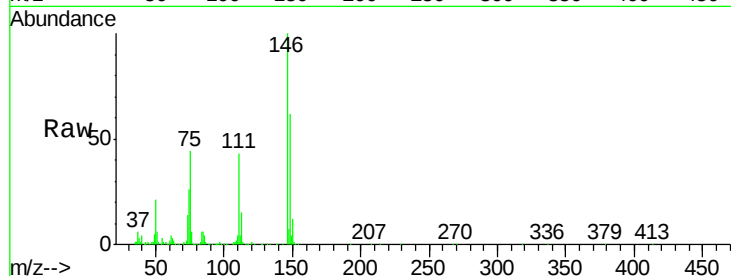




#13
 1,4-Dichlorobenzene
 Concen: 42.87 ng
 RT: 8.19 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

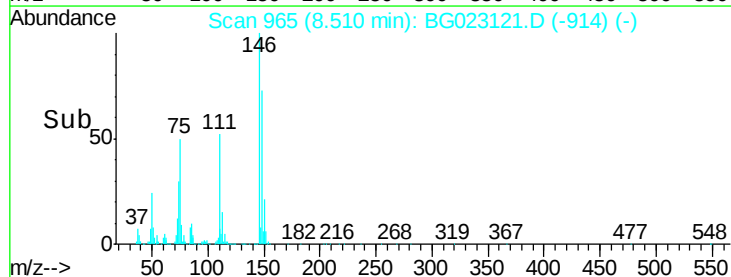
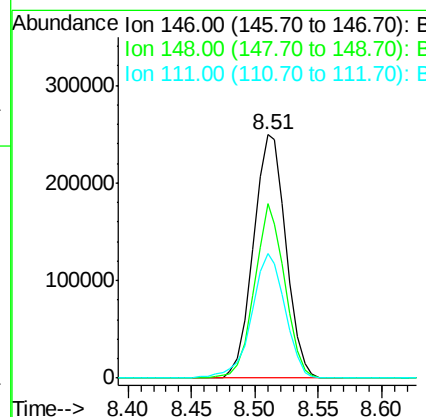
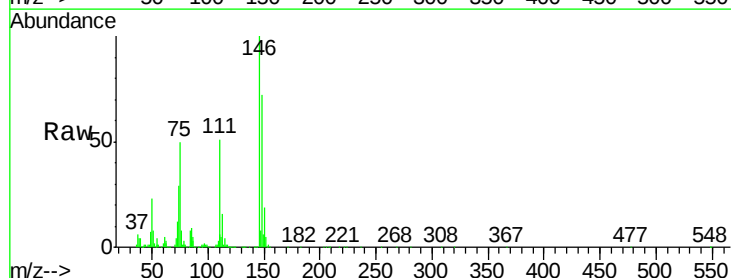
Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)CMS

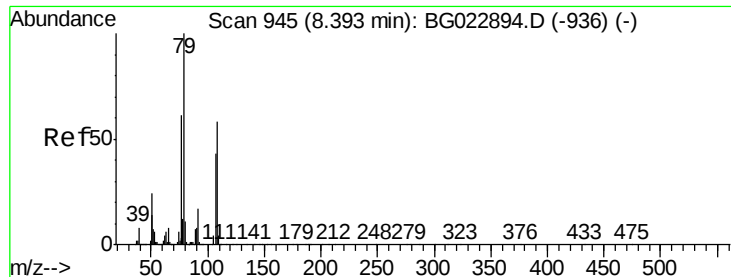
Tgt Ion:146 Resp: 455221
 Ion Ratio Lower Upper
 146 100
 148 61.8 54.5 81.7
 111 43.1 37.8 56.8



#14
 1,2-Dichlorobenzene
 Concen: 42.08 ng
 RT: 8.51 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Tgt Ion:146 Resp: 444264
 Ion Ratio Lower Upper
 146 100
 148 71.9 52.9 79.3
 111 51.2 43.5 65.3





#15

Benzyl Alcohol

Concen: 52.97 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

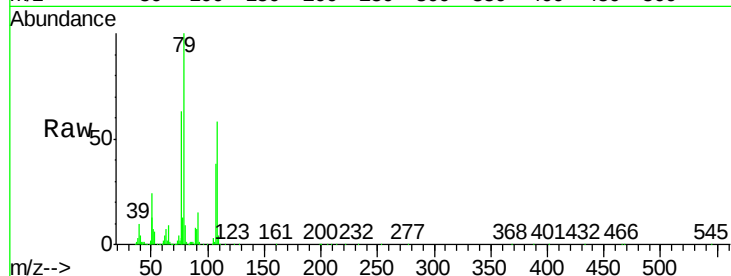
Tgt Ion: 79 Resp: 618759

Ion Ratio Lower Upper

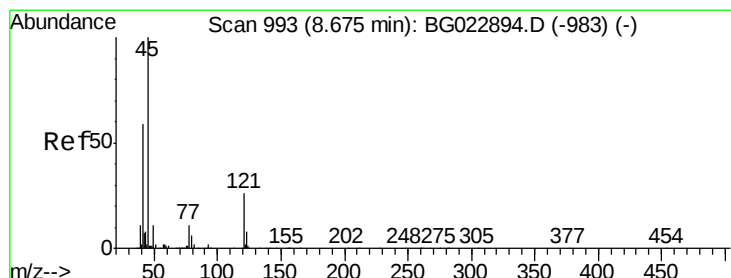
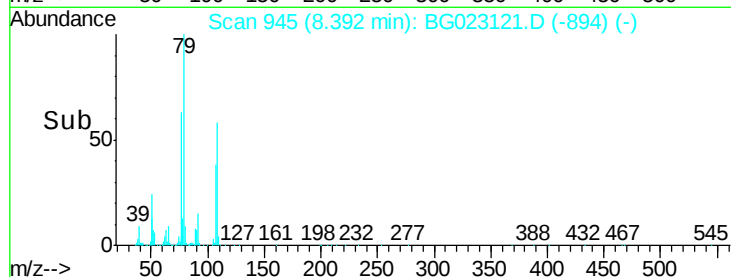
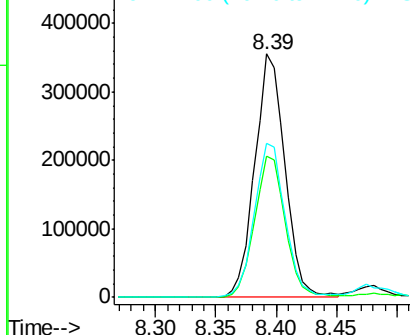
79 100

108 58.2 46.5 69.7

77 63.3 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.20 ng

RT: 8.69 min Scan# 995

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

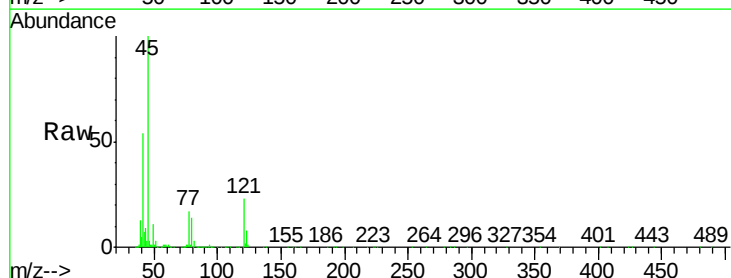
Tgt Ion: 45 Resp: 599654

Ion Ratio Lower Upper

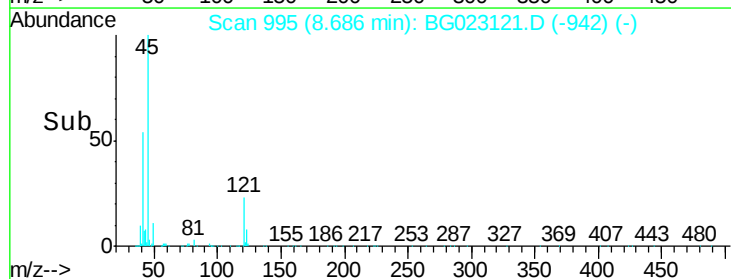
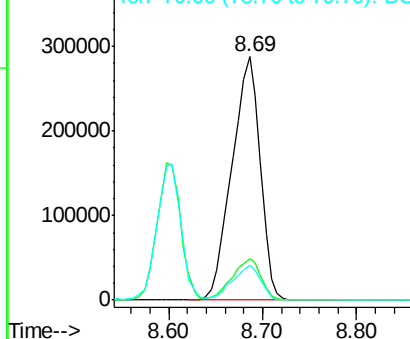
45 100

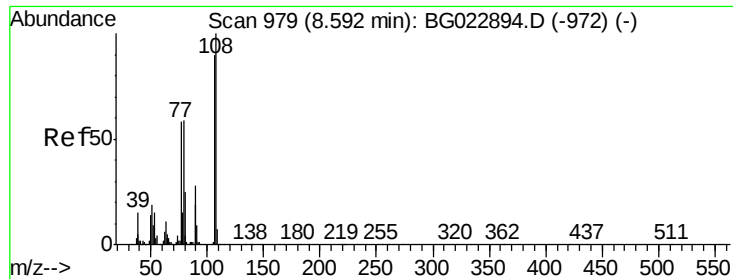
77 17.2 0.6 40.6

79 14.2 0.0 36.2



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

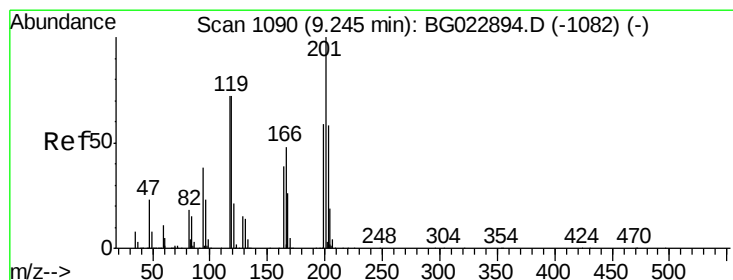
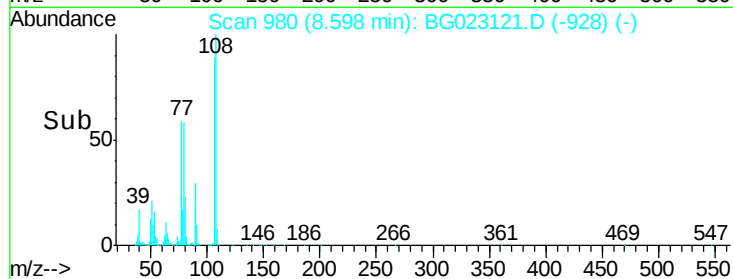
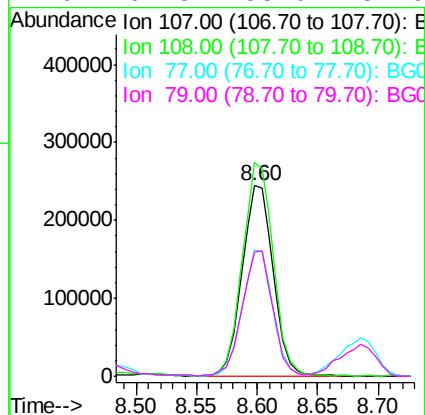
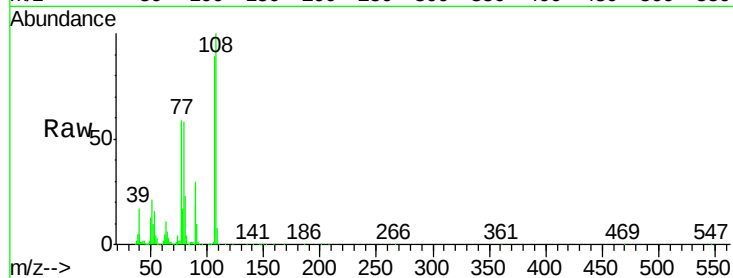




#17
2-Methylphenol
Concen: 51.41 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.01 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

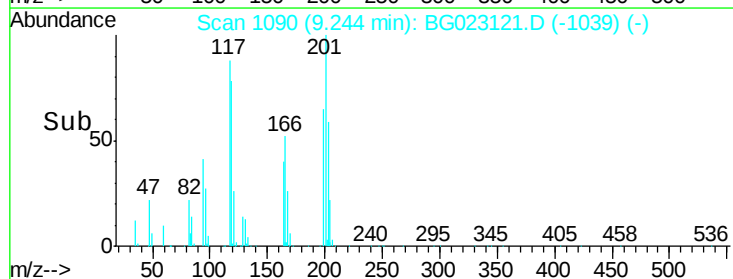
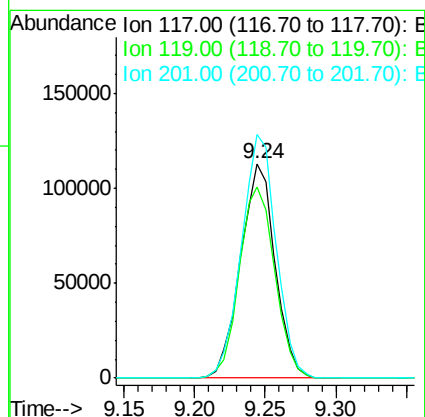
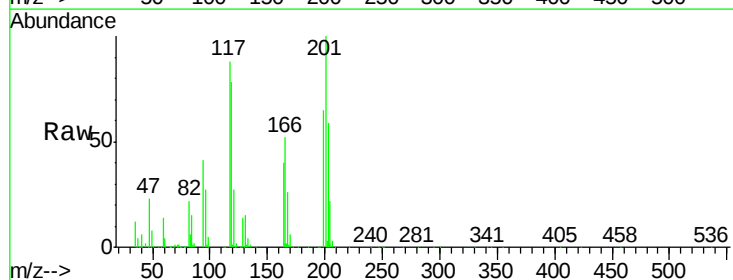
Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)CMS

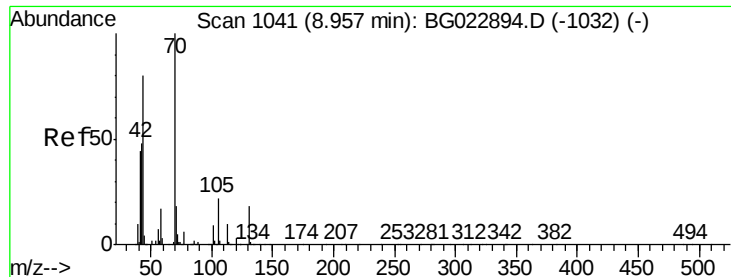
Tgt Ion:	107	Resp:	439148
Ion	Ratio	Lower	Upper
107	100		
108	112.1	92.0	138.0
77	66.4	55.8	83.6
79	64.8	55.0	82.6



#18
Hexachloroethane
Concen: 43.14 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

Tgt Ion:	117	Resp:	193409
Ion	Ratio	Lower	Upper
117	100		
119	88.8	73.7	110.5
201	113.4	88.7	133.1

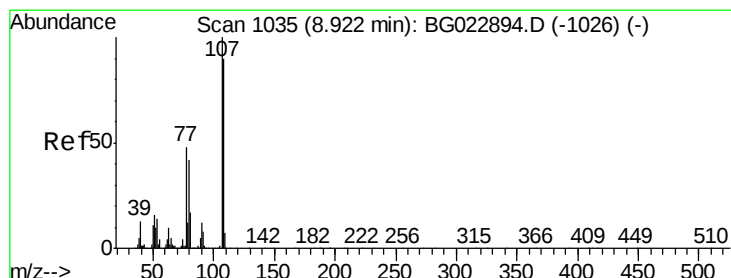
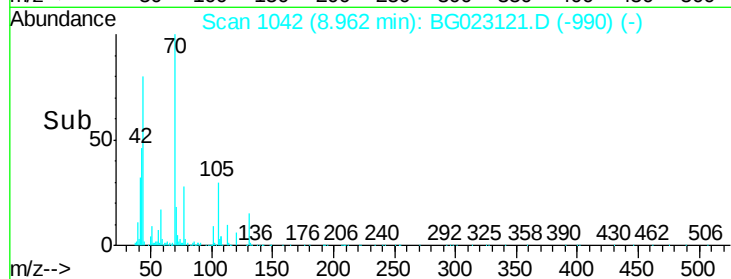
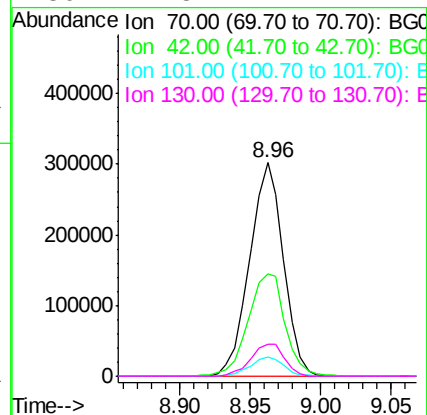
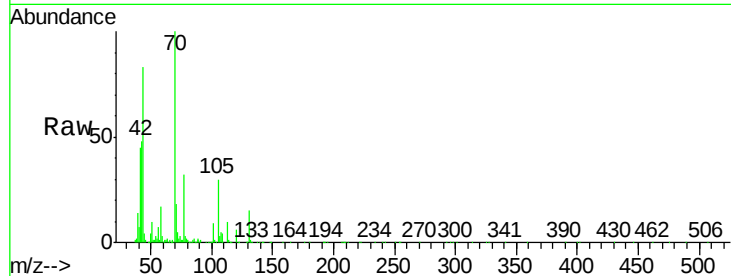




#19
n-Nitroso-di-n-propylamine
Concen: 44.01 ng
RT: 8.96 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

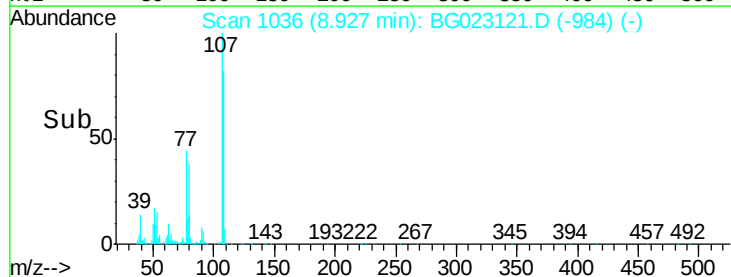
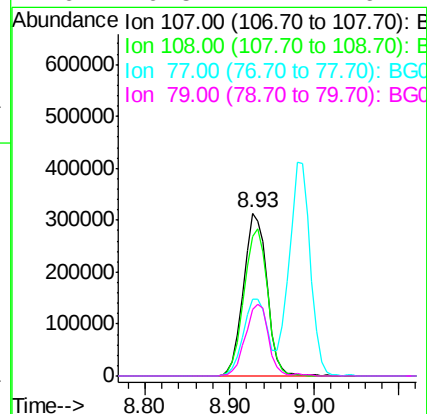
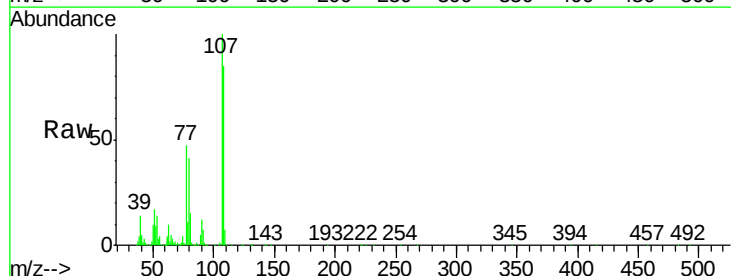
Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)CMS

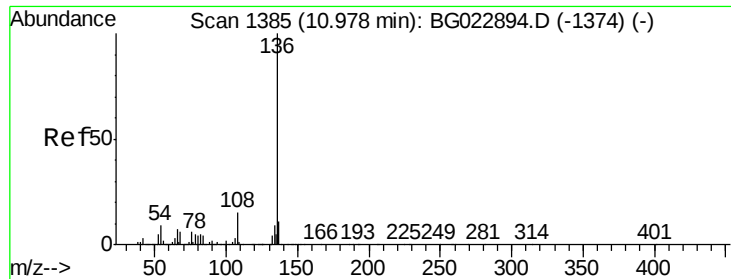
Tgt Ion:	70	Resp:	506005
Ion	Ratio	Lower	Upper
70	100		
42	47.9	42.1	63.1
101	9.0	7.2	10.8
130	14.8	14.2	21.2



#20
3+4-Methylphenols
Concen: 50.52 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

Tgt Ion:	107	Resp:	601827
Ion	Ratio	Lower	Upper
107	100		
108	85.3	72.5	112.5
77	47.4	30.1	70.1
79	40.5	24.2	64.2

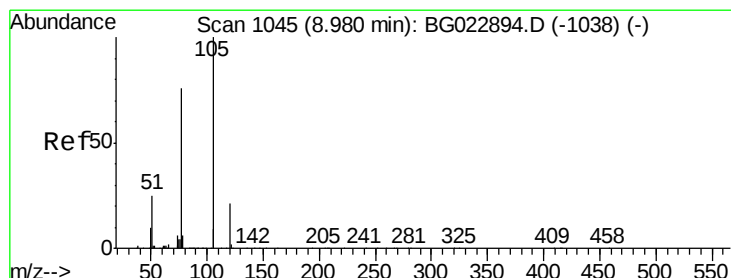
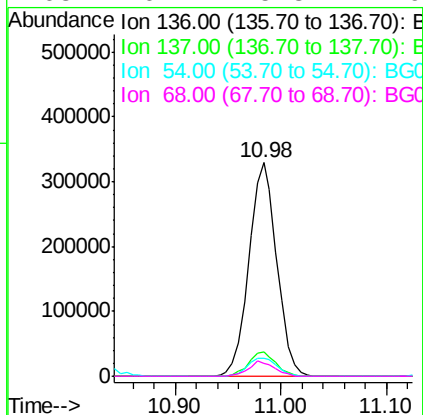
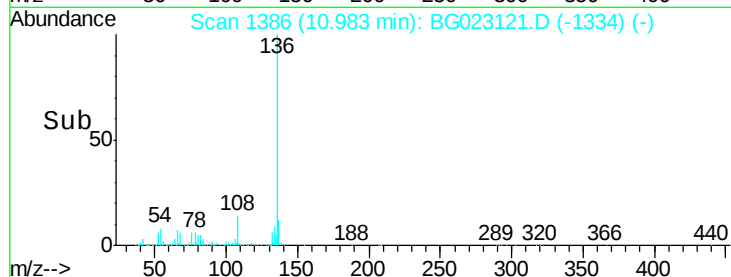
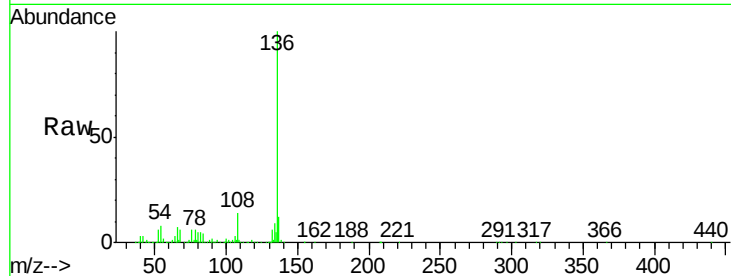




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

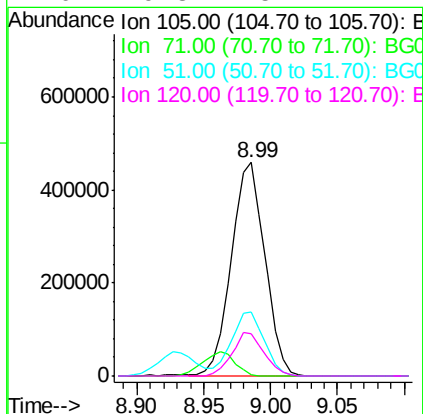
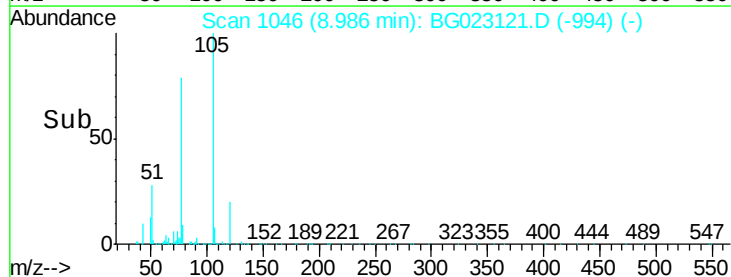
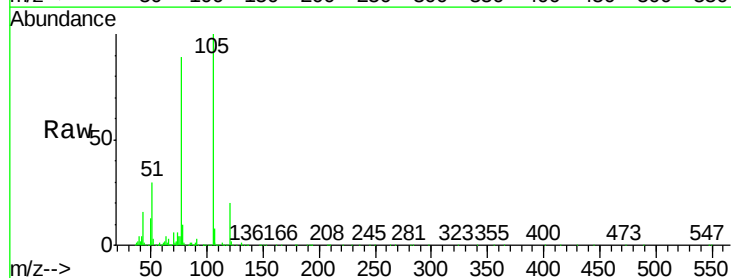
Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)CMS

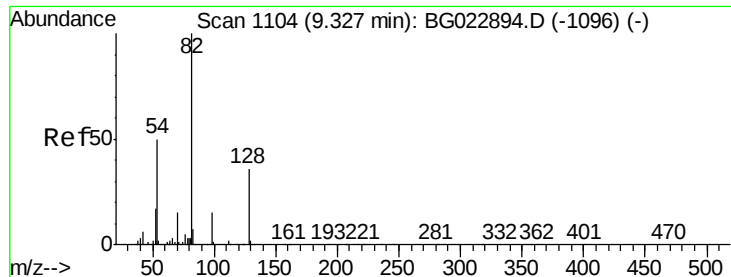
Tgt Ion:	136	Resp:	601083
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	8.2	7.3	10.9
68	6.1	5.3	7.9



#22
Acetophenone
Concen: 44.48 ng
RT: 8.99 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

Tgt Ion:	105	Resp:	802378
Ion	Ratio	Lower	Upper
105	100		
71	0.8	2.6	3.8#
51	29.9	27.1	40.7
120	19.8	15.1	22.7

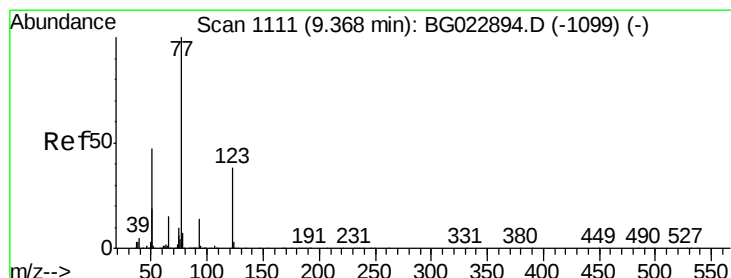
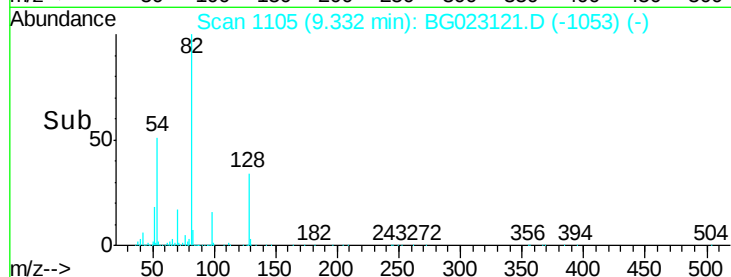
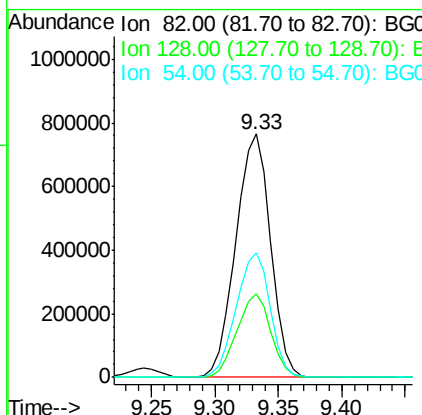
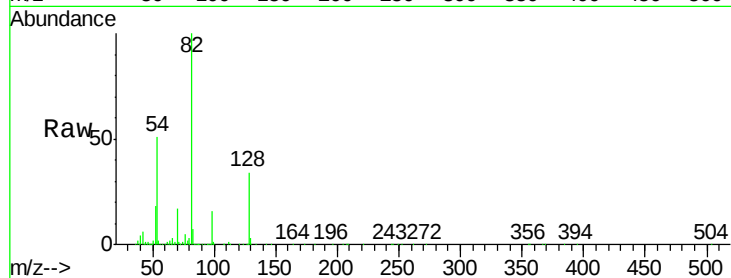




#23
 Nitrobenzene-d5
 Concen: 103.12 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

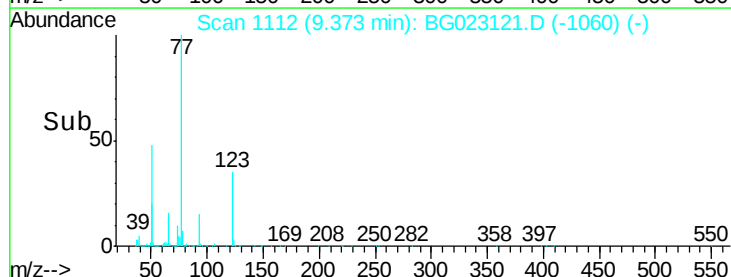
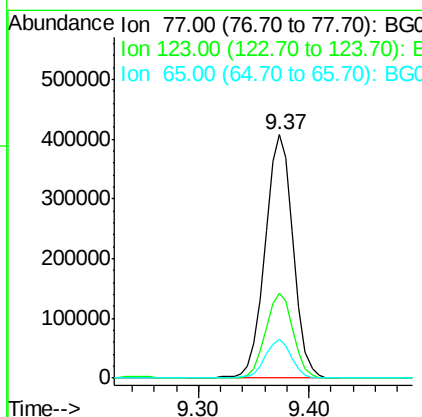
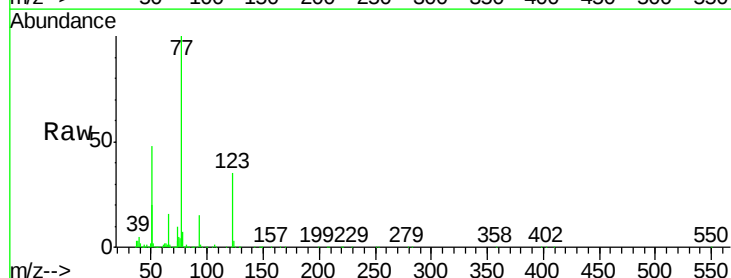
Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)CMS

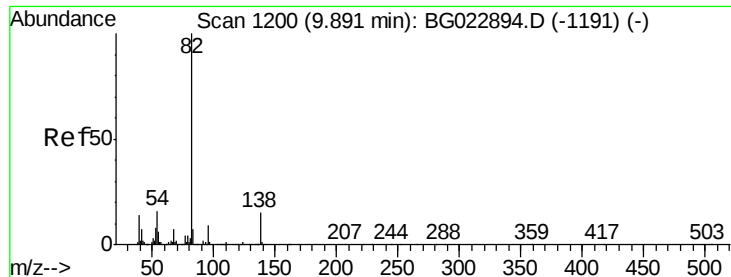
Tgt Ion: 82 Resp: 1447620
 Ion Ratio Lower Upper
 82 100
 128 34.4 24.4 36.6
 54 51.4 41.4 62.0



#24
 Nitrobenzene
 Concen: 48.37 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Tgt Ion: 77 Resp: 721581
 Ion Ratio Lower Upper
 77 100
 123 35.1 25.0 37.6
 65 16.1 13.4 20.0





#25

Isophorone

Concen: 45.00 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

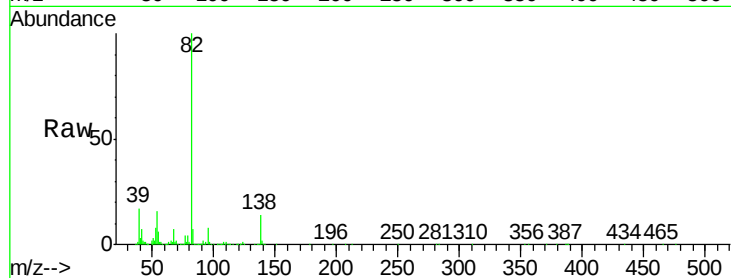
Tgt Ion: 82 Resp: 1270494

Ion Ratio Lower Upper

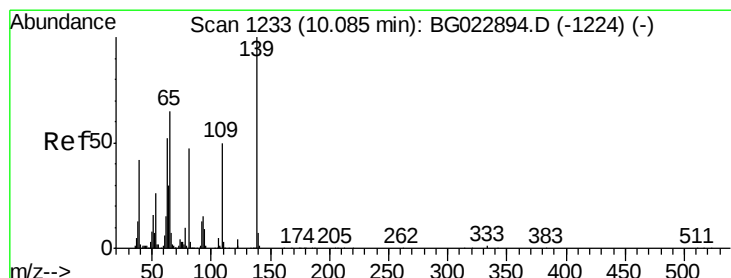
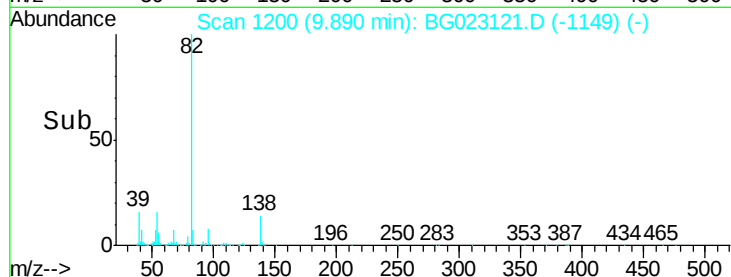
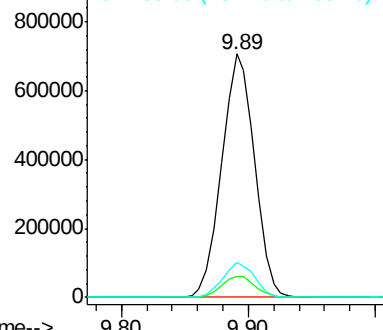
82 100

95 8.4 8.2 12.2

138 14.2 10.7 16.1



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



#26

2-Nitrophenol

Concen: 48.66 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

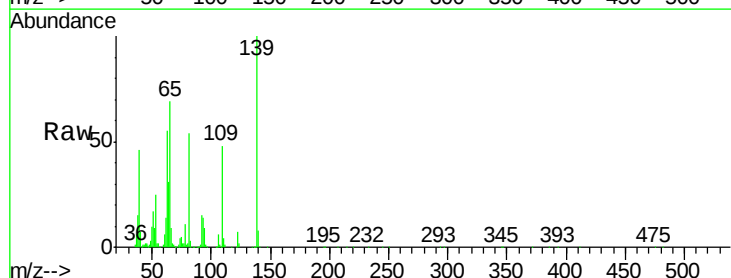
Tgt Ion: 139 Resp: 284775

Ion Ratio Lower Upper

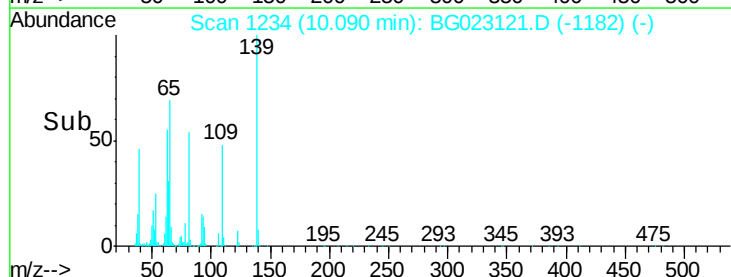
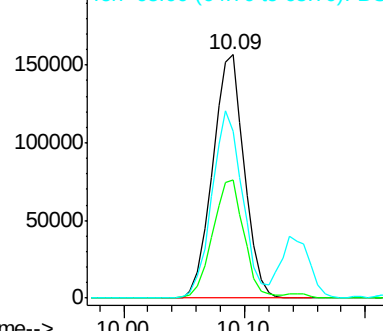
139 100

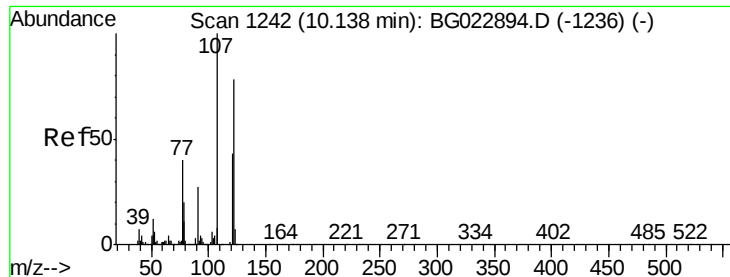
109 48.5 43.5 65.3

65 68.7 64.3 96.5



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

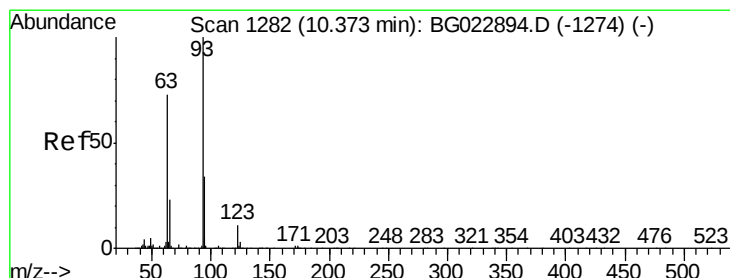
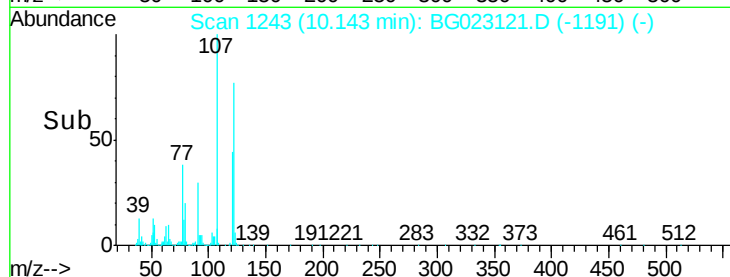
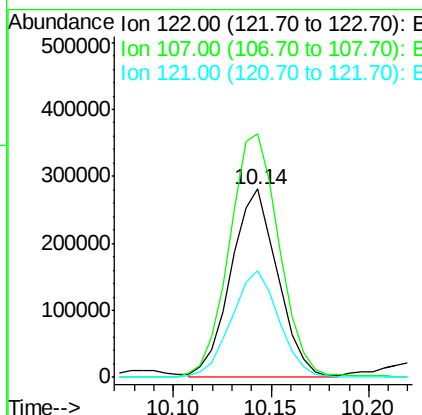
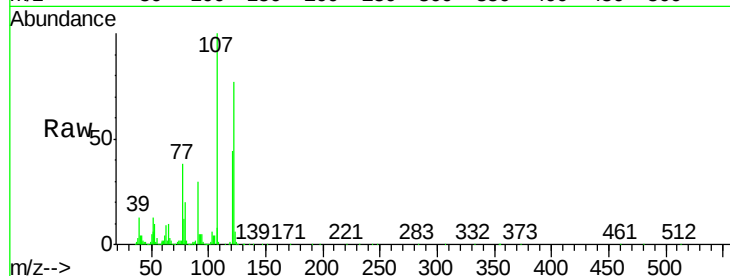




#27
 2,4-Dimethylphenol
 Concen: 45.65 ng
 RT: 10.14 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

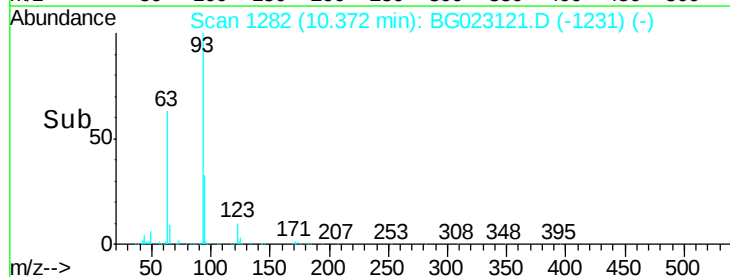
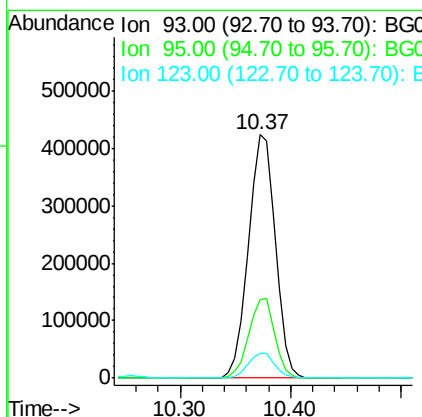
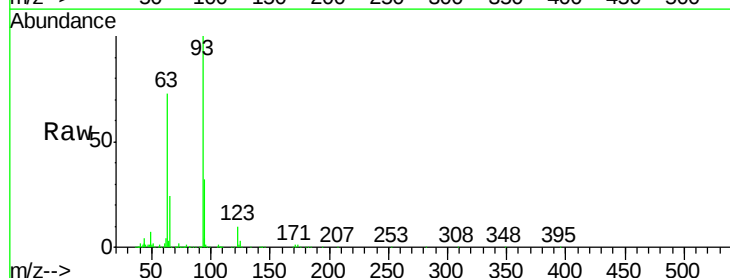
Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)CMS

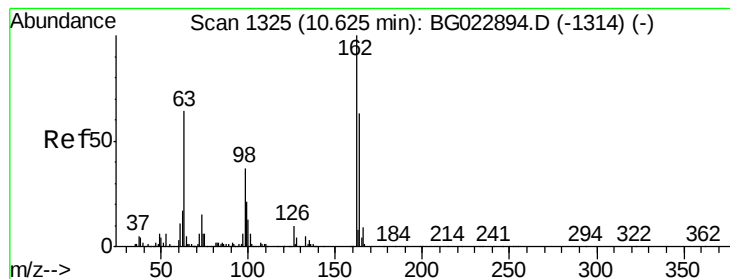
Tgt Ion	Ratio	Lower	Upper
122	100		
107	129.2	117.0	175.4
121	56.6	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.13 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.4	38.2
123	10.1	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 49.20 ng

RT: 10.62 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

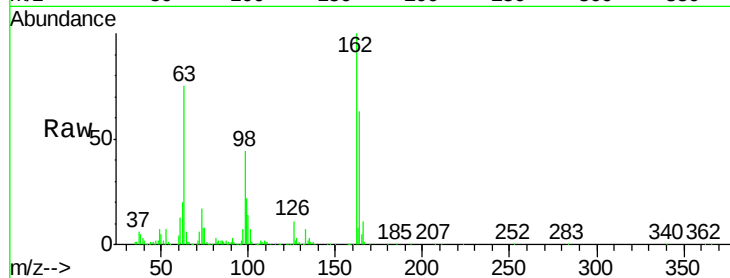
Tgt Ion:162 Resp: 530914

Ion Ratio Lower Upper

162 100

164 62.6 44.3 84.3

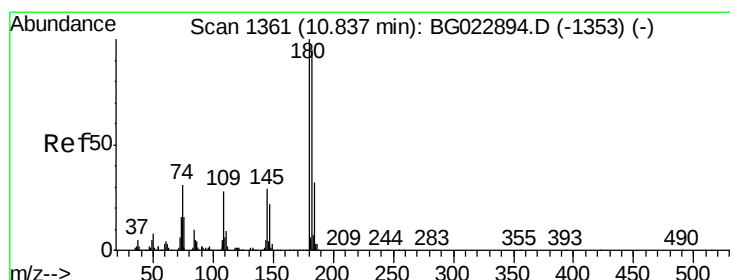
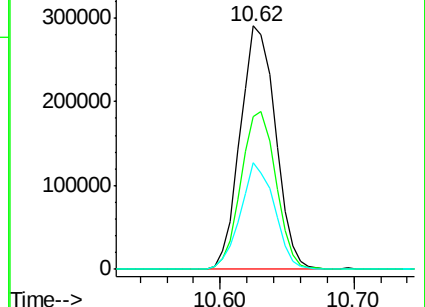
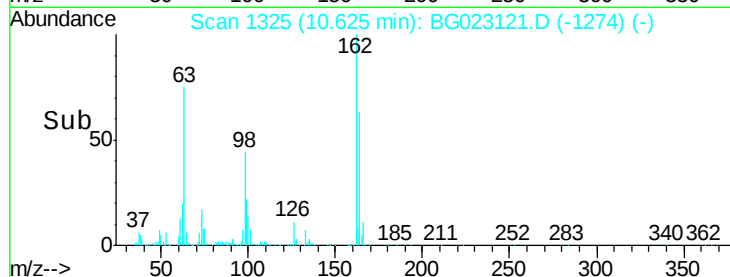
98 43.9 19.5 59.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 44.10 ng

RT: 10.84 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

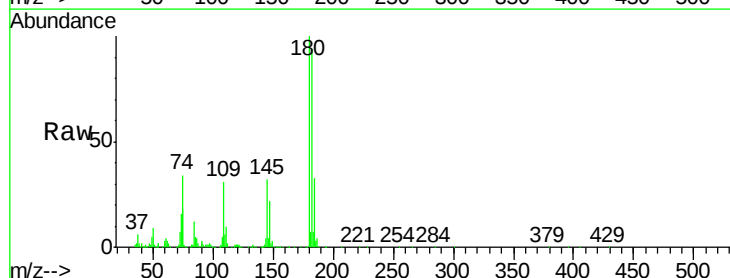
Tgt Ion:180 Resp: 545295

Ion Ratio Lower Upper

180 100

182 94.1 73.8 110.8

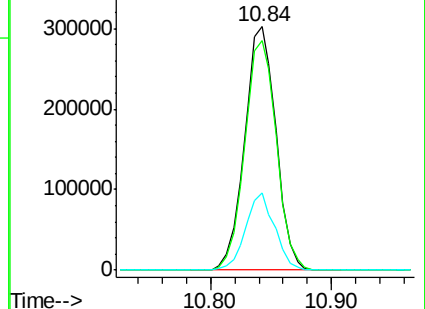
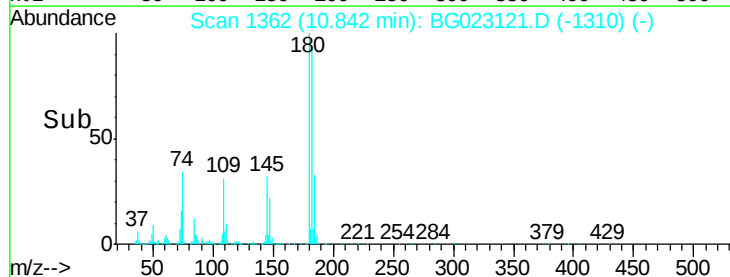
145 31.6 24.4 36.6

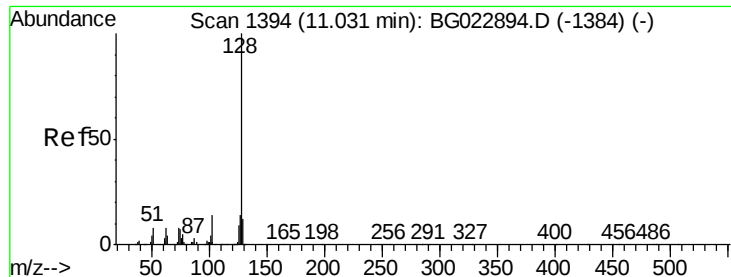


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

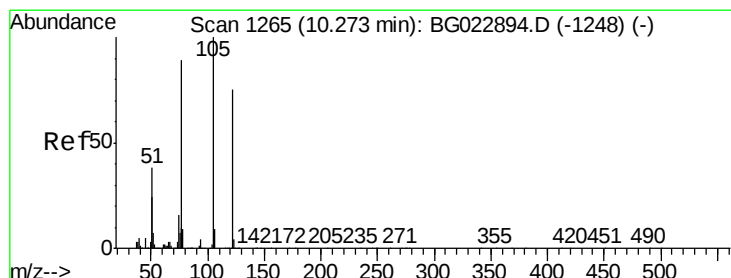
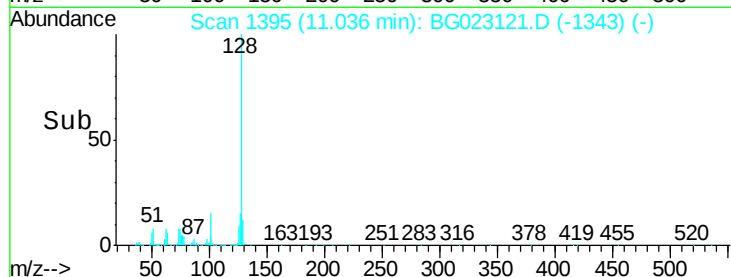
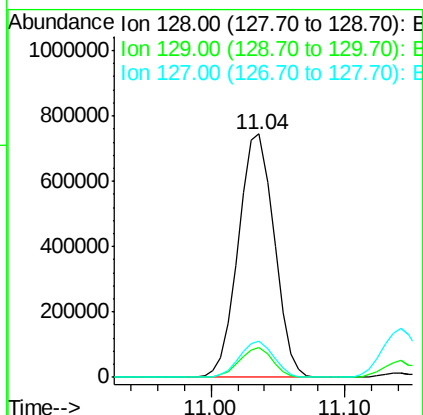
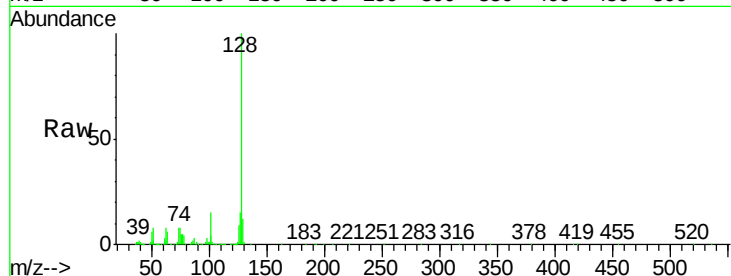




#31
Naphthalene
Concen: 45.27 ng
RT: 11.04 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

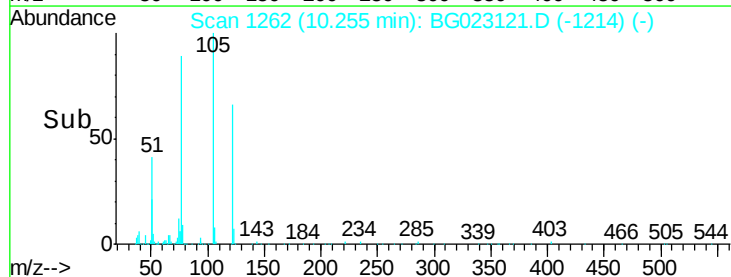
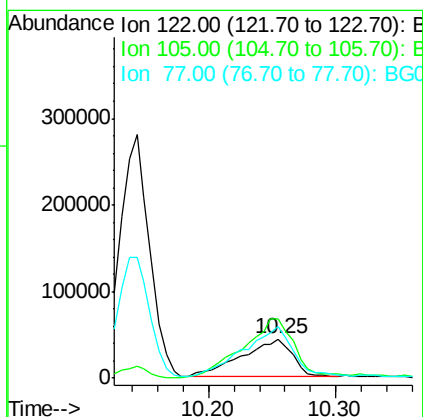
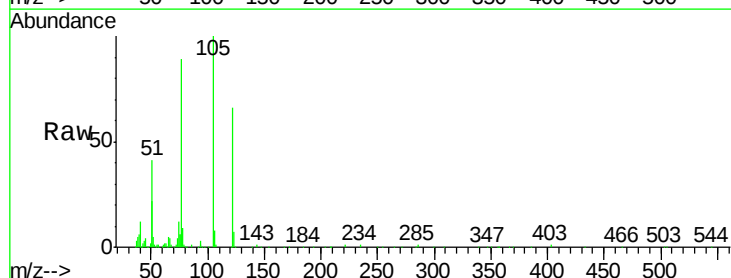
Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)CMS

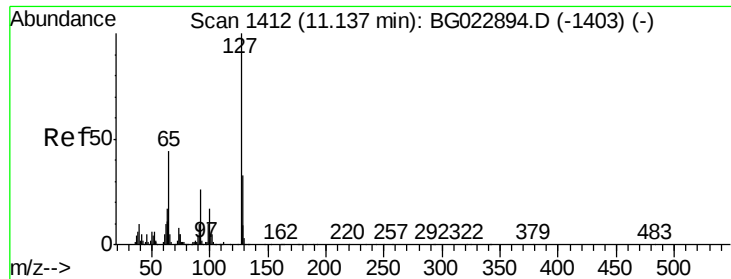
Tgt Ion:128 Resp: 1385188
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.0
127 14.8 11.3 16.9



#32
Benzoic acid
Concen: 12.97 ng
RT: 10.25 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

Tgt Ion:122 Resp: 119349
Ion Ratio Lower Upper
122 100
105 151.1 117.2 157.2
77 134.1 109.2 149.2

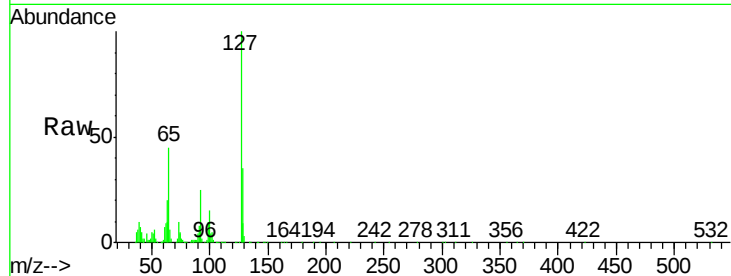




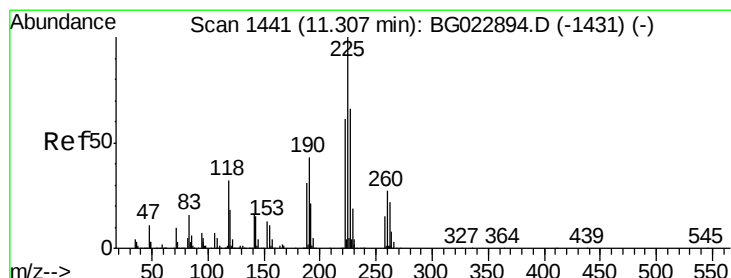
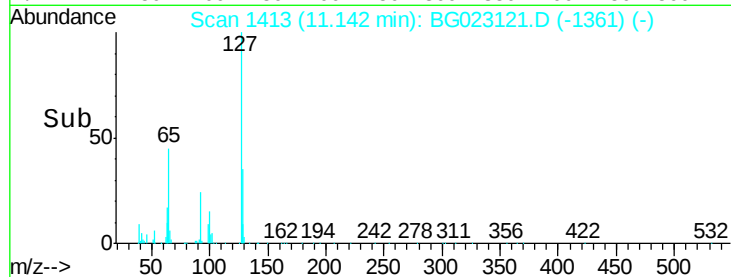
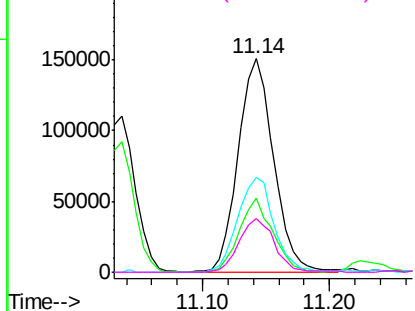
#33
 4-Chloroaniline
 Concen: 19.68 ng
 RT: 11.14 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)CMS

Tgt Ion:	127	Resp:	294414
Ion	Ratio	Lower	Upper
127	100		
129	34.6	27.9	41.9
65	44.6	36.8	55.2
92	25.1	21.0	31.6

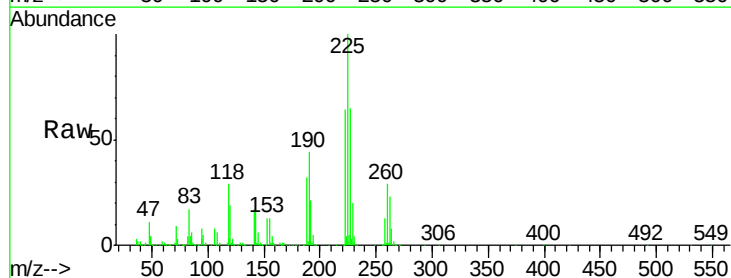


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

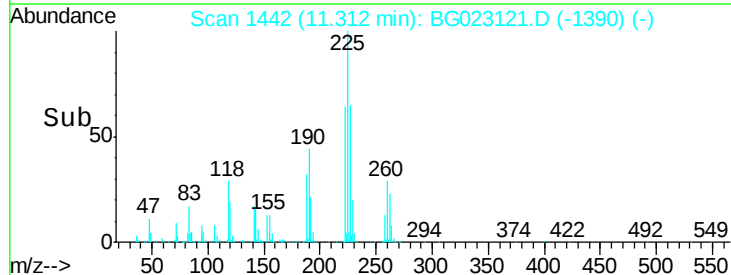
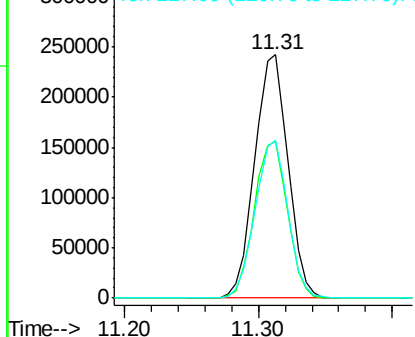


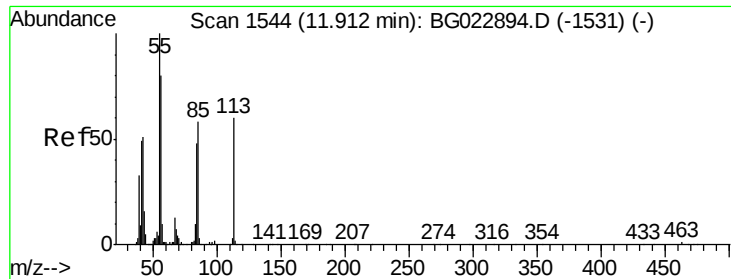
#34
 Hexachlorobutadiene
 Concen: 41.54 ng
 RT: 11.31 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Tgt Ion:	225	Resp:	416377
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.6	74.4
227	64.6	54.5	81.7



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

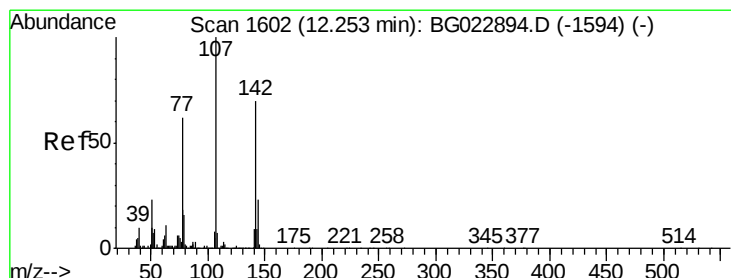
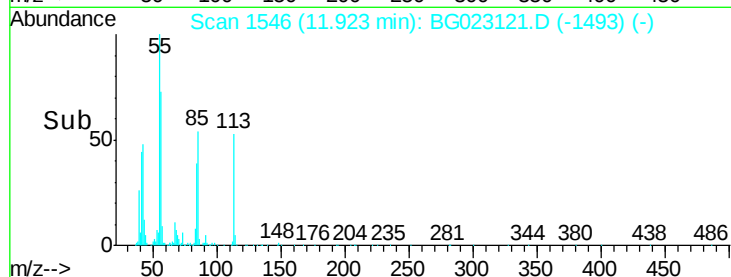
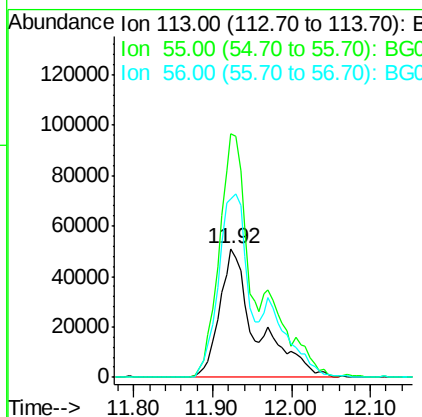
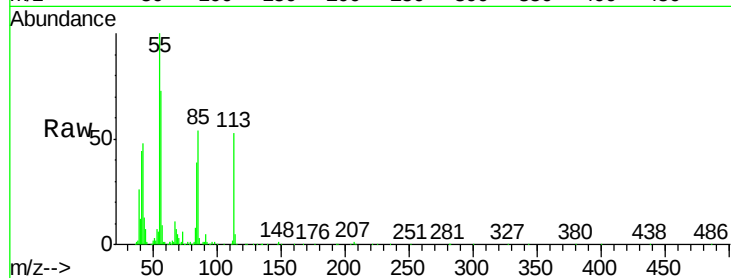




#35
 Caprolactam
 Concen: 37.40 ng m
 RT: 11.92 min Scan# 1546
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

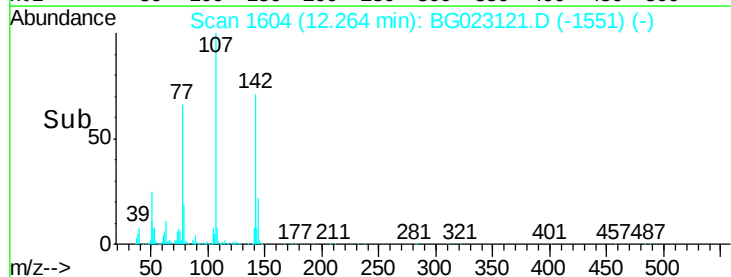
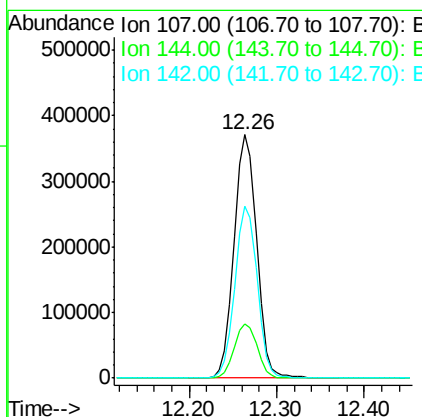
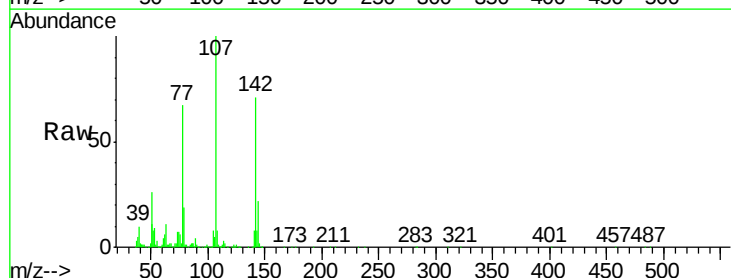
Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)CMS

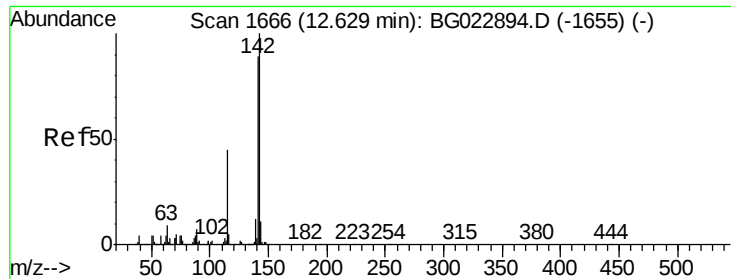
Tgt Ion:113 Resp: 166023
 Ion Ratio Lower Upper
 113 100
 55 189.4 154.5 194.5
 56 139.1 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.94 ng
 RT: 12.26 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Tgt Ion:107 Resp: 648502
 Ion Ratio Lower Upper
 107 100
 144 22.2 17.0 25.6
 142 70.7 53.0 79.6

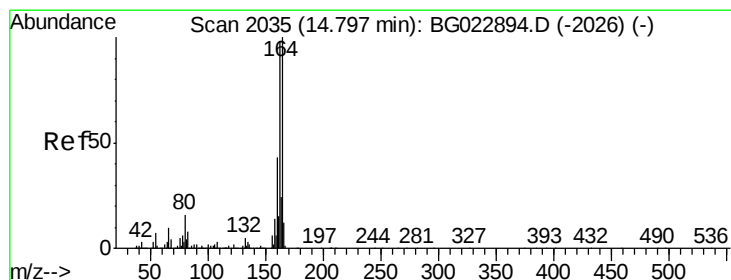
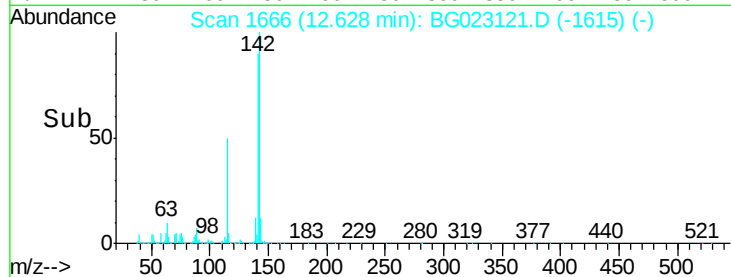
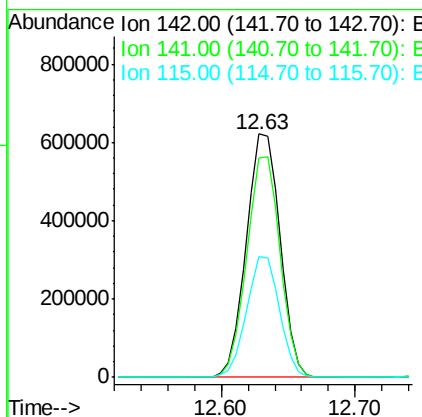
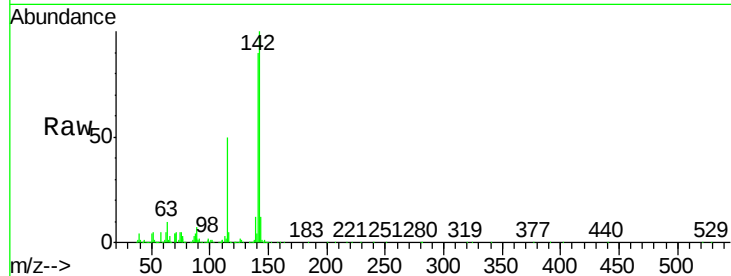




#37
 2-Methylnaphthalene
 Concen: 44.86 ng
 RT: 12.63 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

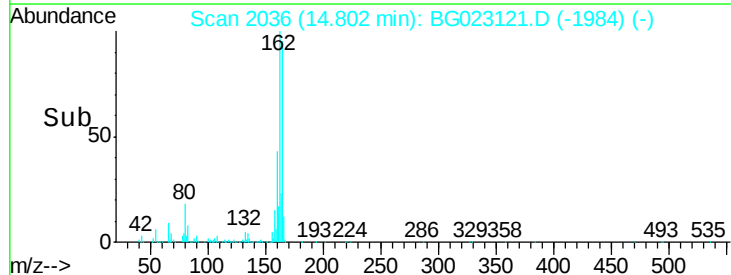
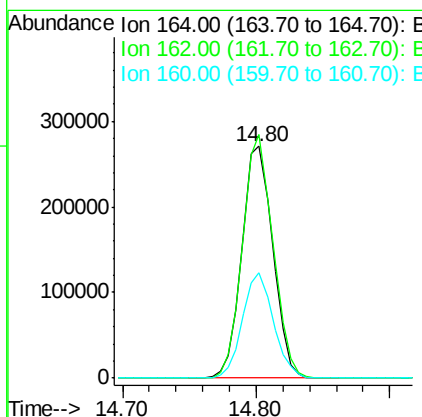
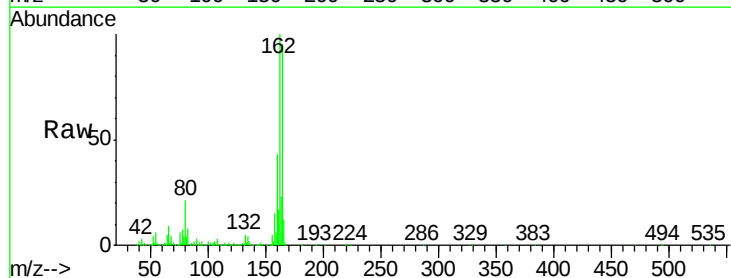
Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)CMS

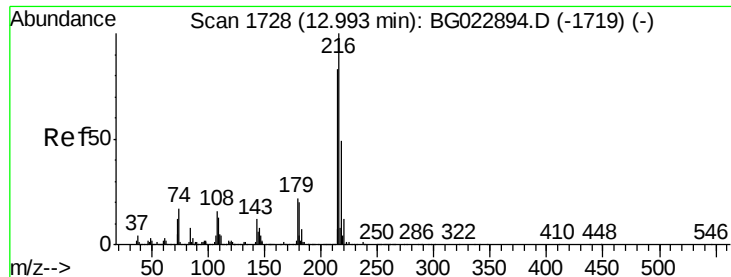
Tgt Ion:142 Resp: 1085010
 Ion Ratio Lower Upper
 142 100
 141 90.0 70.2 105.2
 115 49.6 41.7 62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Tgt Ion:164 Resp: 433402
 Ion Ratio Lower Upper
 164 100
 162 105.1 87.7 131.5
 160 45.7 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.11 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

Tgt Ion:216 Resp: 711796

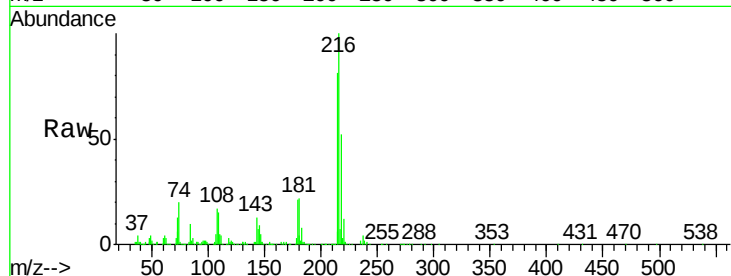
Ion Ratio Lower Upper

216 100

214 80.0 62.9 94.3

179 20.9 17.2 25.8

108 19.7 16.3 24.5

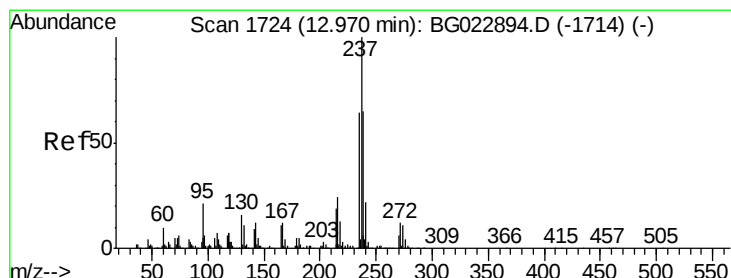
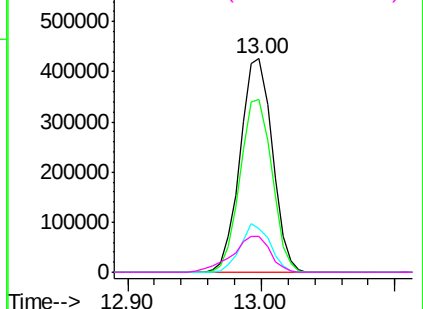
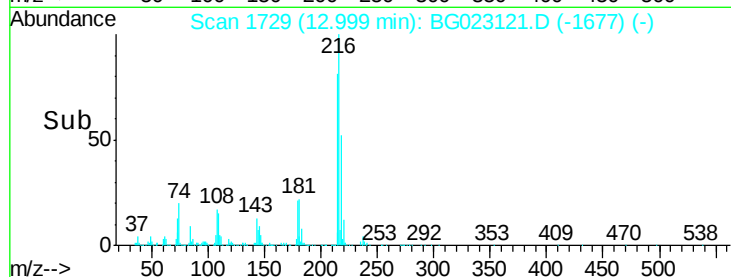


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.09 ng

RT: 12.97 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

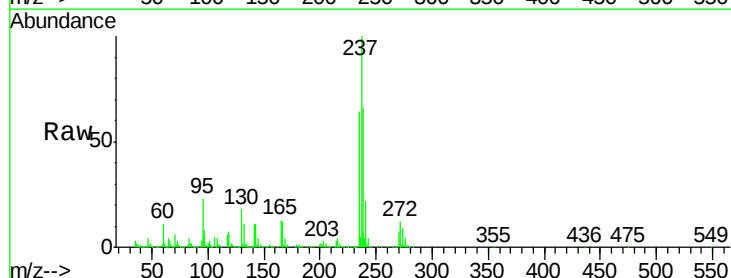
Tgt Ion:237 Resp: 807311

Ion Ratio Lower Upper

237 100

235 64.0 43.1 83.1

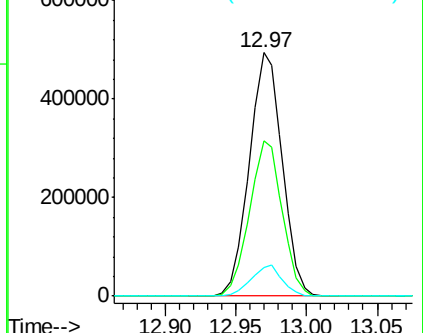
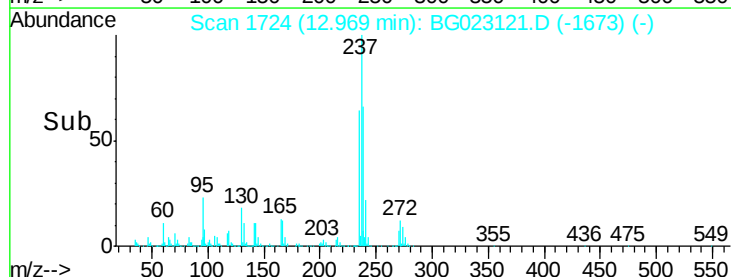
272 11.5 0.0 30.9

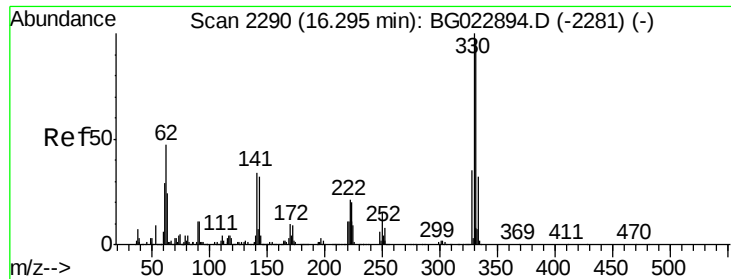


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

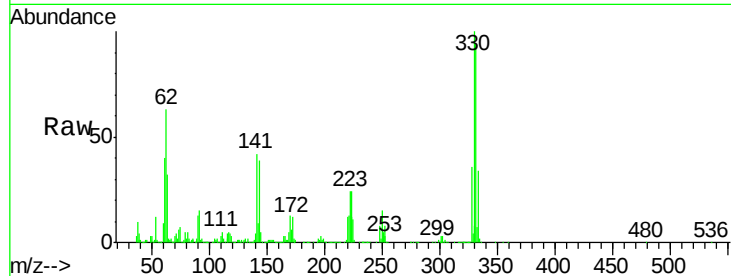




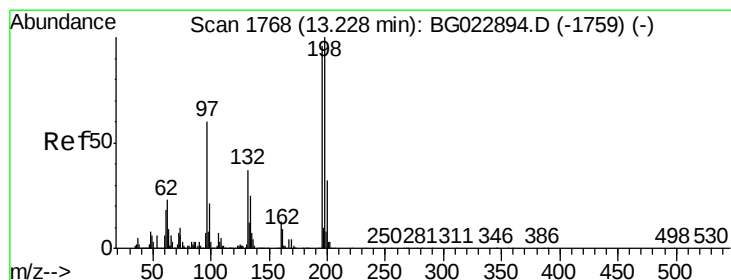
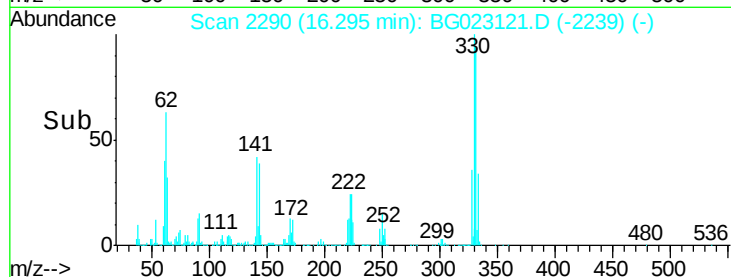
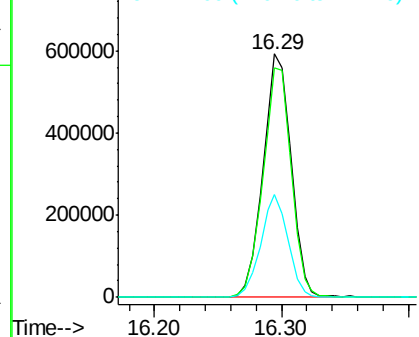
#41
 2,4,6-Tribromophenol
 Concen: 117.01 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)CMS

Tgt Ion:330 Resp: 911420
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 41.2 31.7 47.5

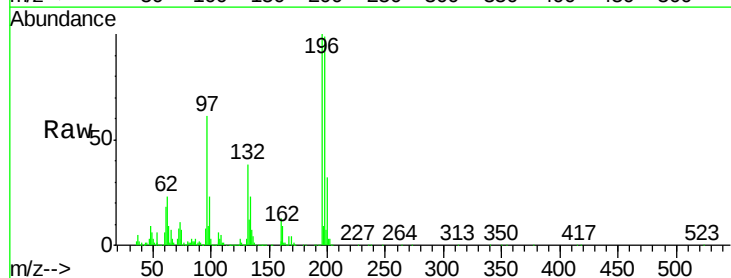


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

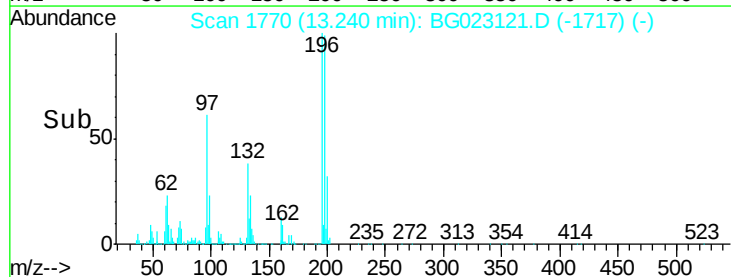
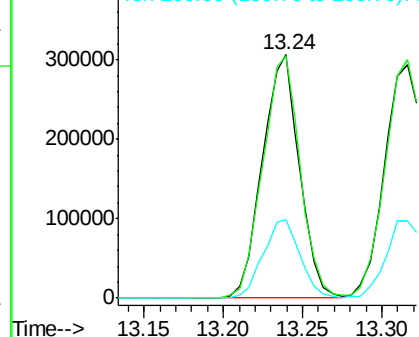


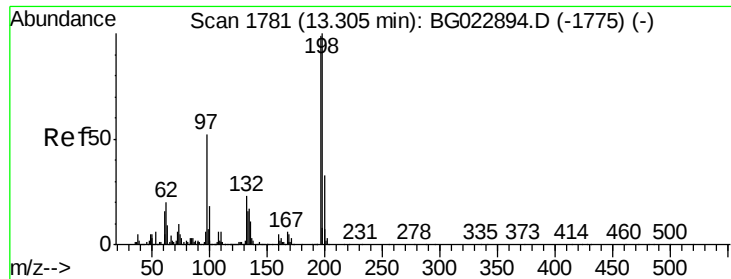
#42
 2,4,6-Trichlorophenol
 Concen: 46.20 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Tgt Ion:196 Resp: 495960
 Ion Ratio Lower Upper
 196 100
 198 99.4 78.2 117.2
 200 32.5 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

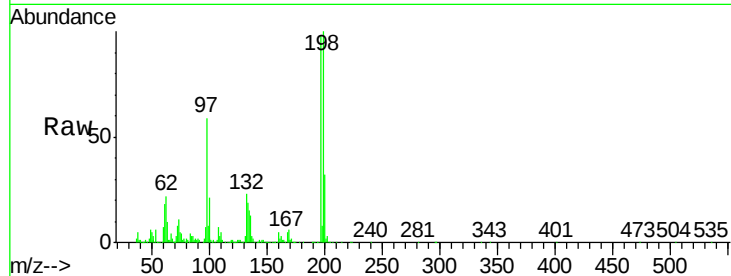




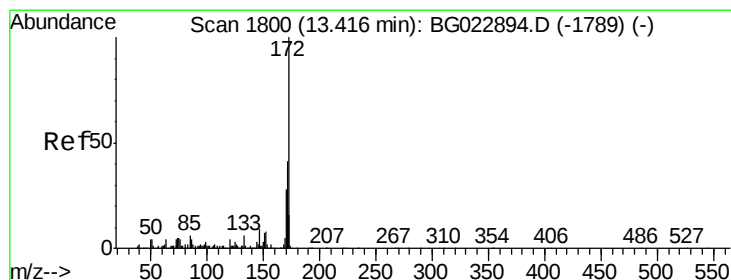
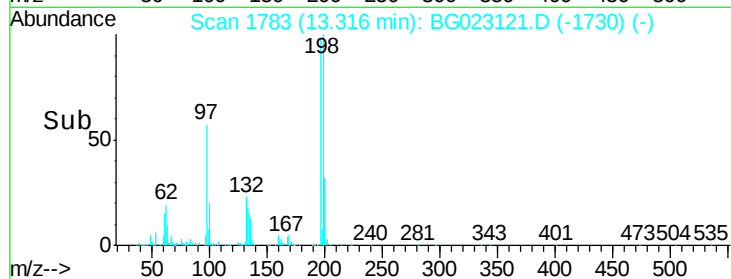
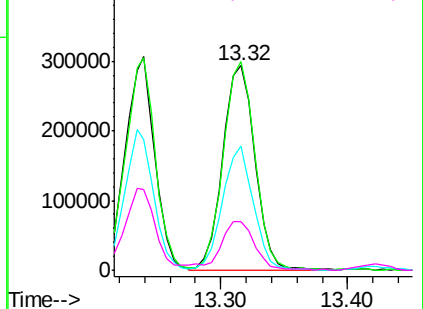
#43
 2,4,5-Trichlorophenol
 Concen: 46.64 ng
 RT: 13.32 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)CMS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.5	85.7	128.5
97	60.6	45.5	68.3
132	23.6	18.9	28.3

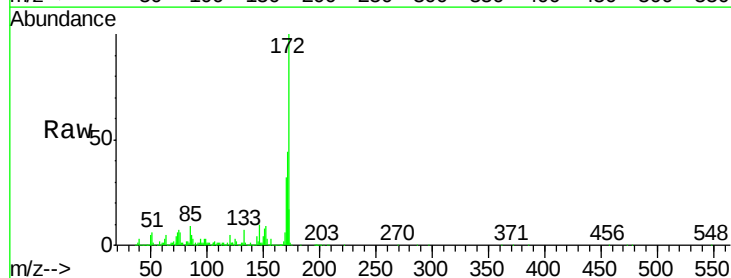


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

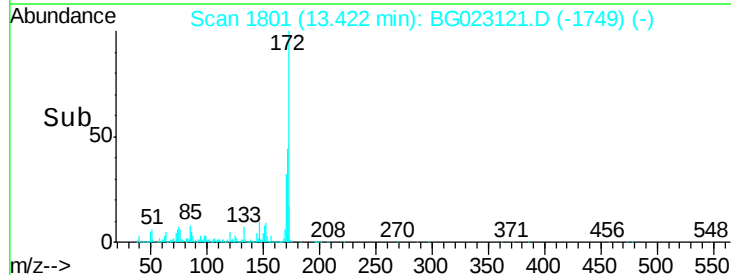
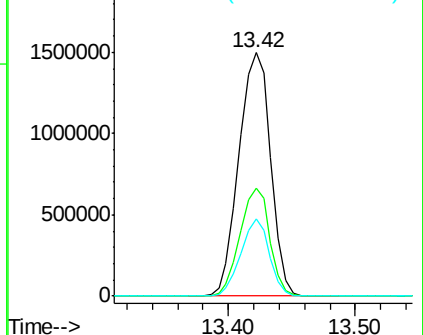


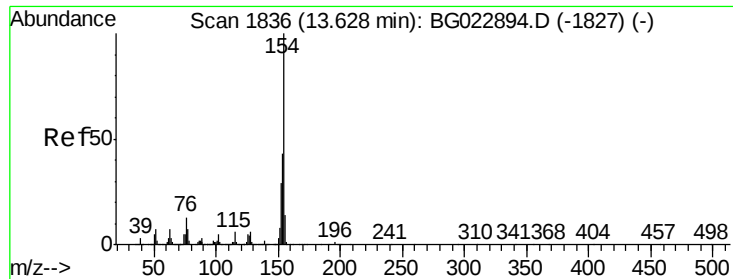
#44
 2-Fluorobiphenyl
 Concen: 94.32 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	44.2	31.6	47.4
170	31.7	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

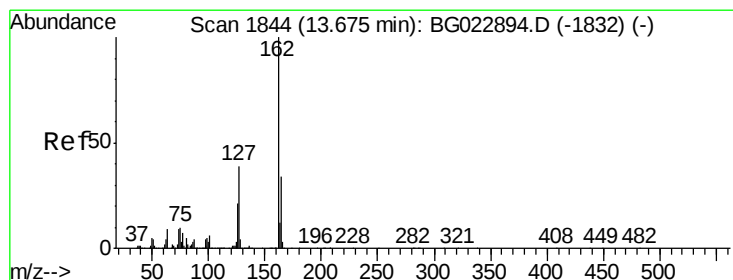
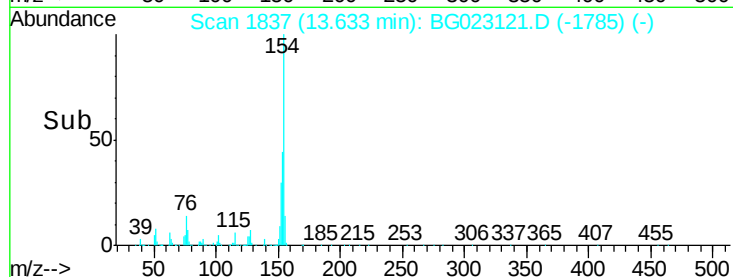
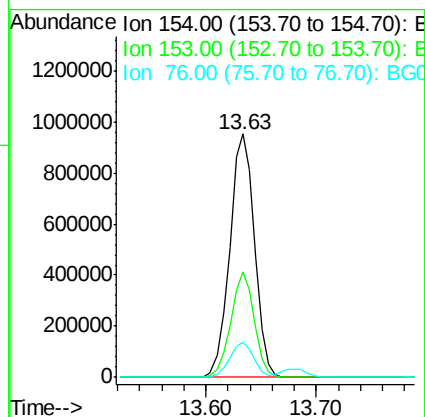
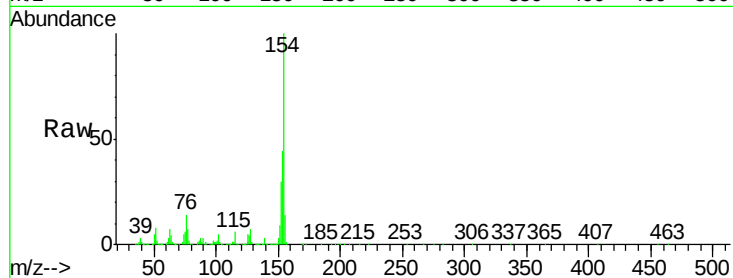




#45
 1,1'-Biphenyl
 Concen: 45.81 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

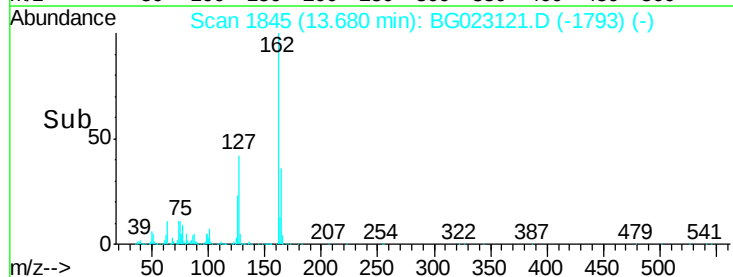
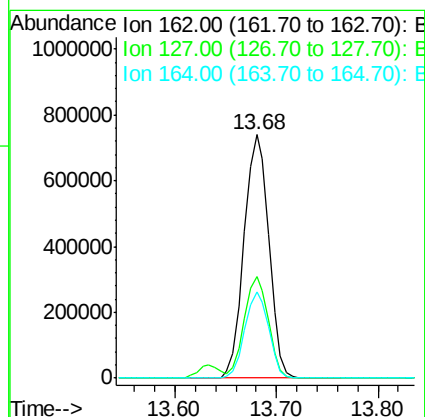
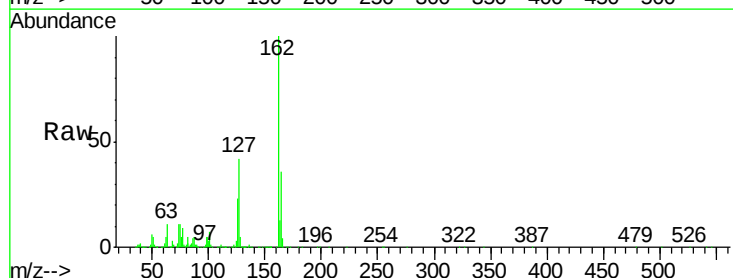
Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)CMS

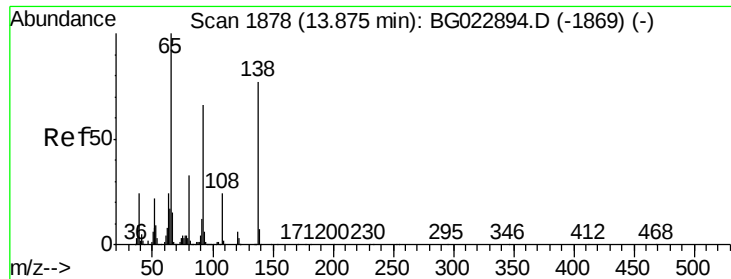
Tgt Ion:154 Resp: 1489533
 Ion Ratio Lower Upper
 154 100
 153 43.5 20.2 60.2
 76 14.5 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 47.29 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Tgt Ion:162 Resp: 1247384
 Ion Ratio Lower Upper
 162 100
 127 41.5 32.4 48.6
 164 35.6 25.2 37.8

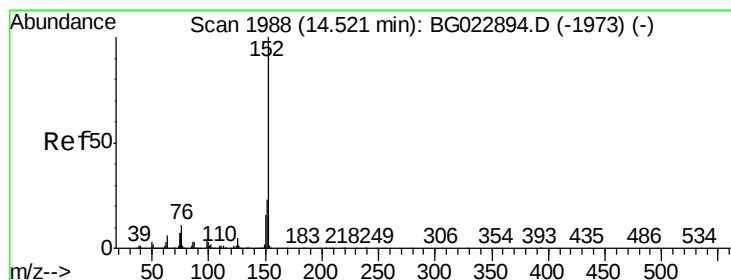
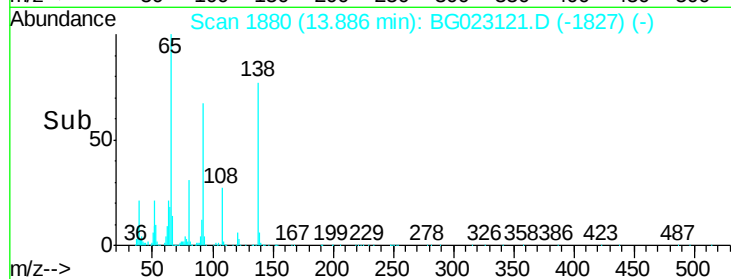
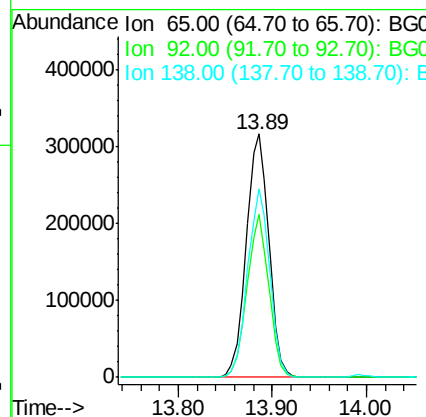
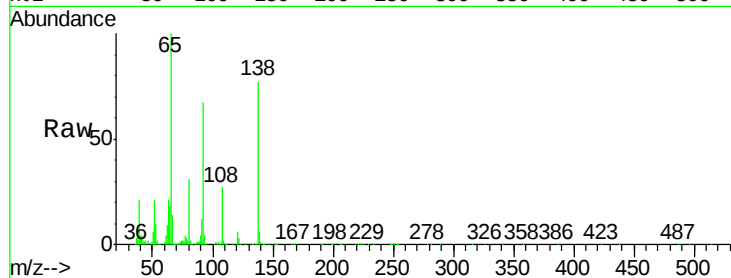




#47
2-Nitroaniline
Concen: 46.75 ng
RT: 13.89 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

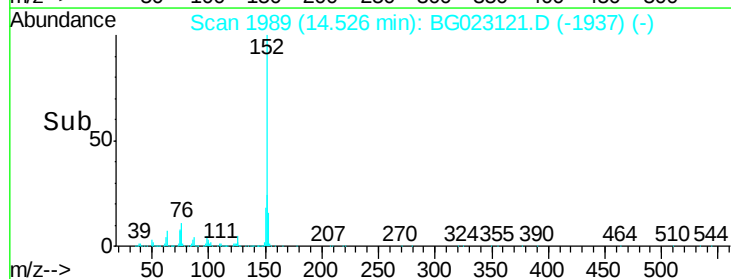
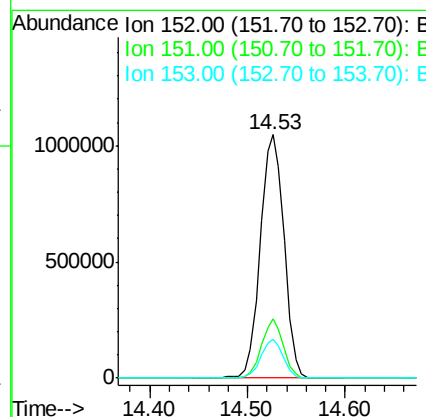
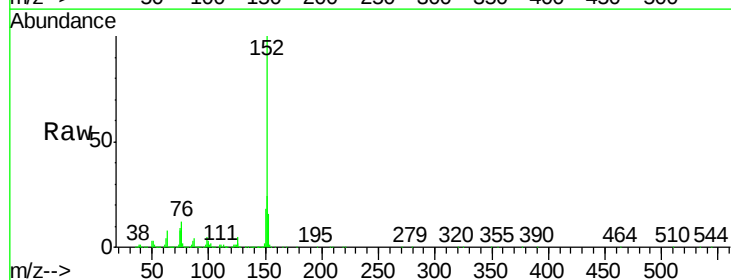
Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)CMS

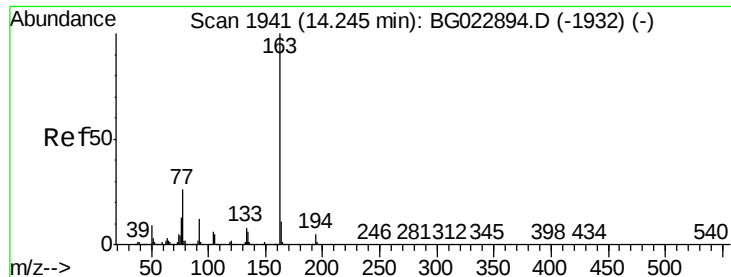
Tgt Ion: 65 Resp: 526171
Ion Ratio Lower Upper
65 100
92 66.8 49.4 74.0
138 77.3 58.0 87.0



#48
Acenaphthylene
Concen: 45.30 ng
RT: 14.53 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

Tgt Ion: 152 Resp: 1792467
Ion Ratio Lower Upper
152 100
151 24.2 17.6 26.4
153 15.8 11.4 17.2





#49

Dimethylphthalate

Concen: 62.58 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

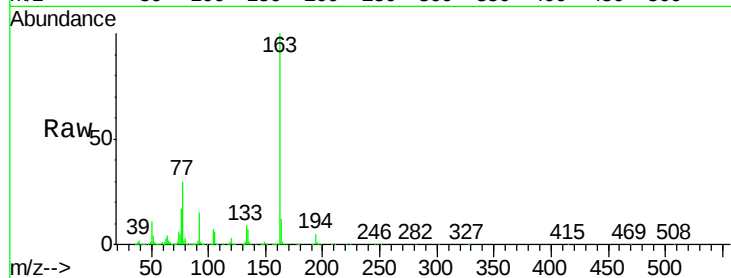
Tgt Ion:163 Resp: 2215519

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

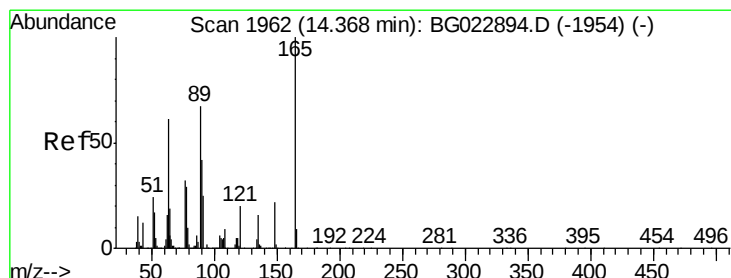
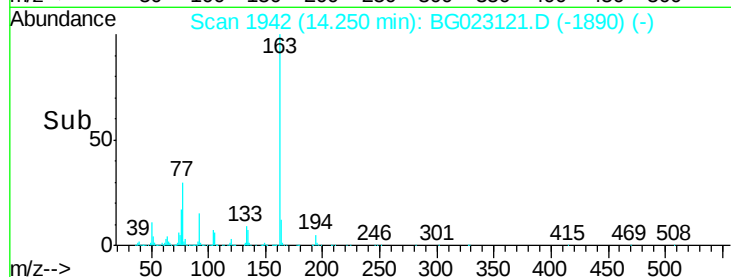
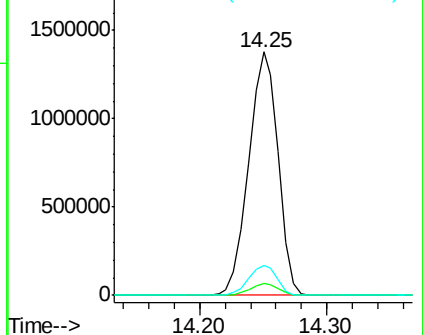
164 12.4 8.1 12.1#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.08 ng

RT: 14.37 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

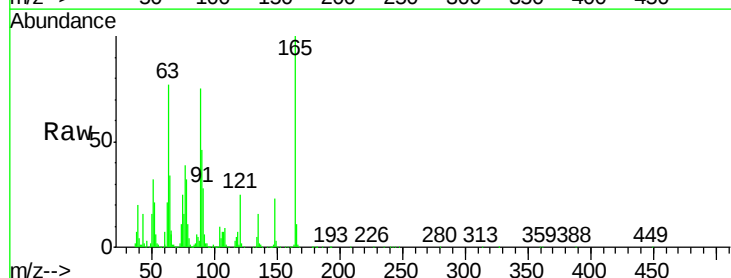
Tgt Ion:165 Resp: 366622

Ion Ratio Lower Upper

165 100

63 76.6 64.3 96.5

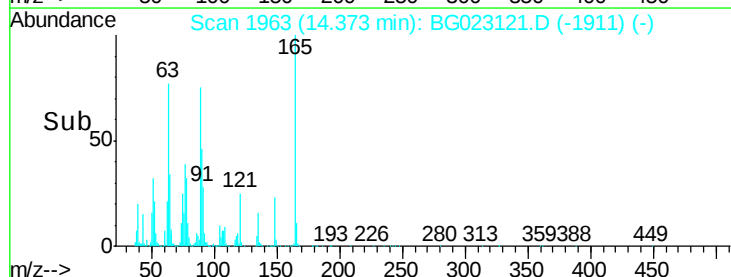
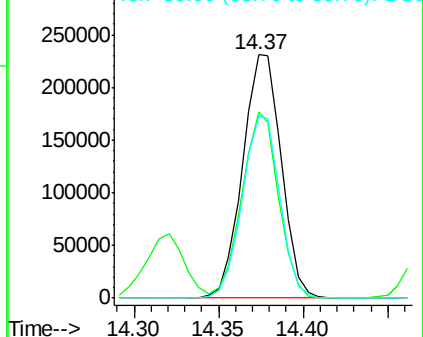
89 75.0 64.3 96.5

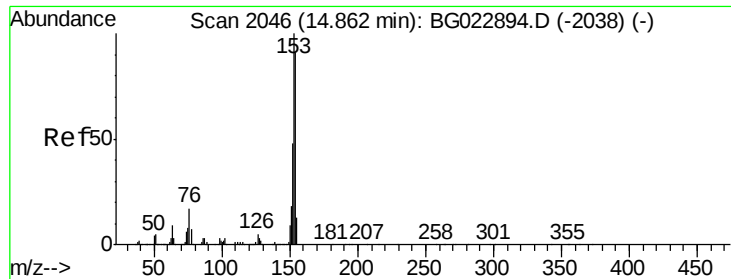


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.69 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

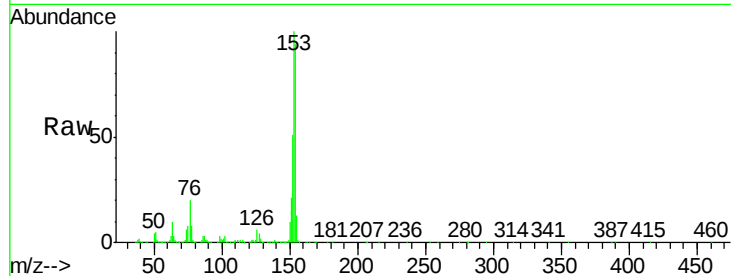
Tgt Ion:154 Resp: 1181335

Ion Ratio Lower Upper

154 100

153 106.7 87.5 131.3

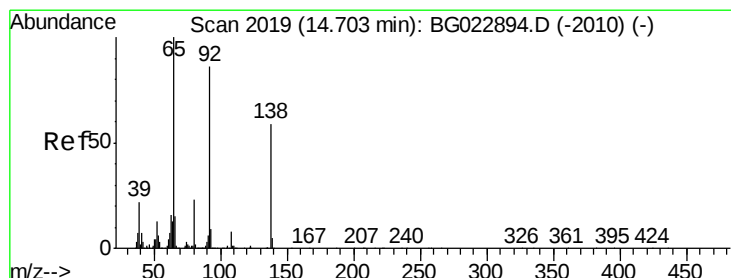
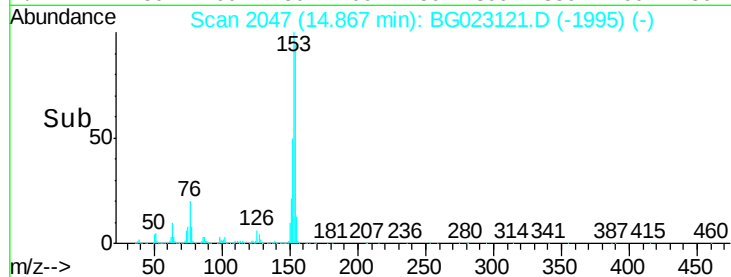
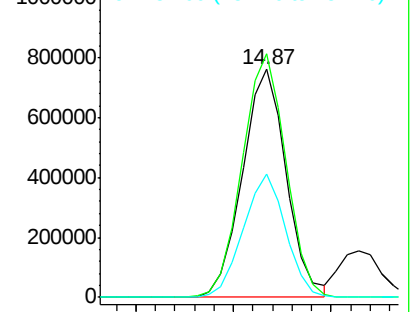
152 54.0 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.23 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

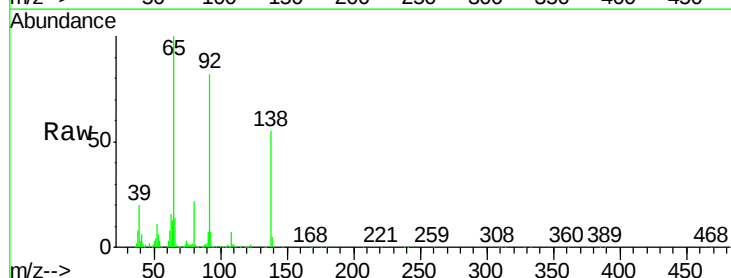
Tgt Ion:138 Resp: 263652

Ion Ratio Lower Upper

138 100

108 12.9 11.7 17.5

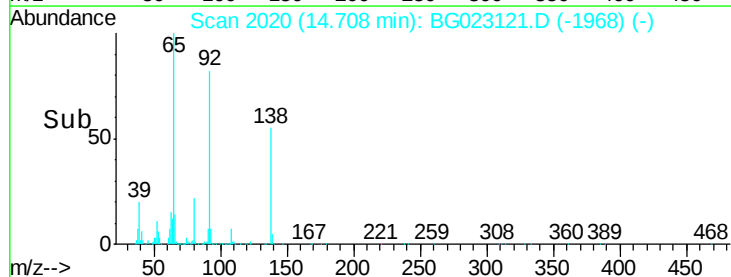
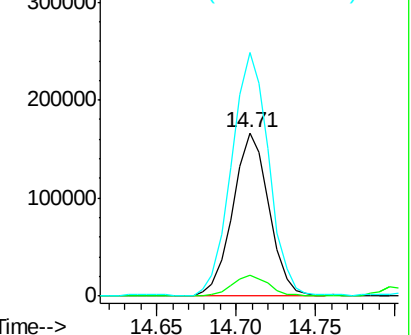
92 149.2 129.7 194.5

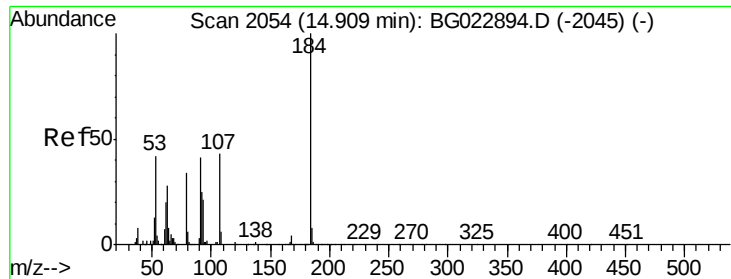


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 58.97 ng

RT: 14.91 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

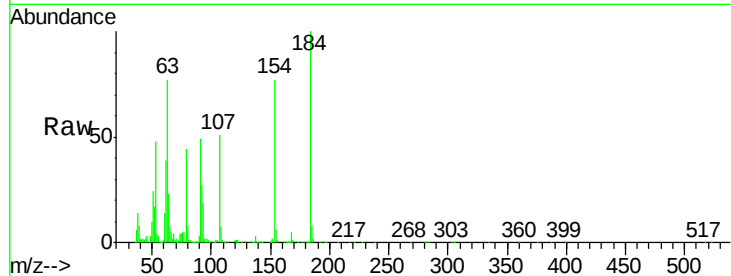
Tgt Ion:184 Resp: 321934

Ion Ratio Lower Upper

184 100

63 76.9 59.6 89.4

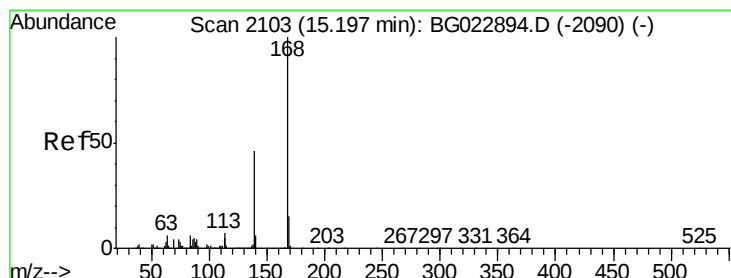
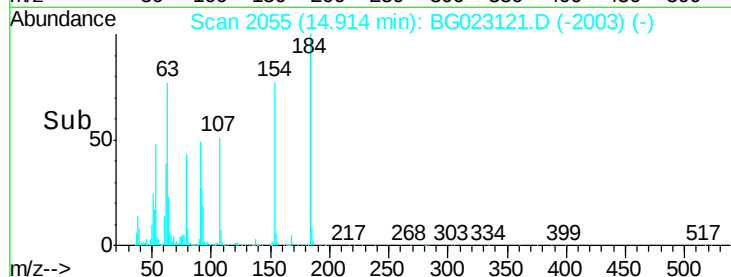
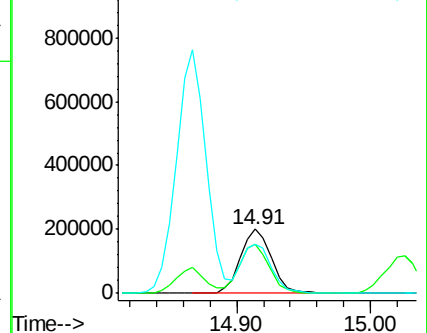
154 76.9 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 47.73 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

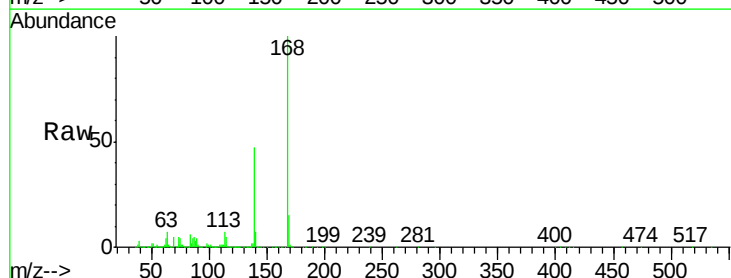
Tgt Ion:168 Resp: 1847340

Ion Ratio Lower Upper

168 100

139 47.1 36.4 54.6

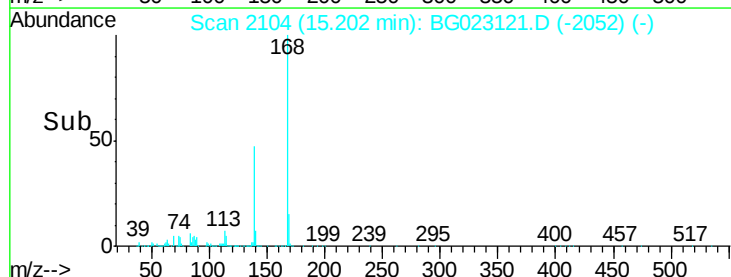
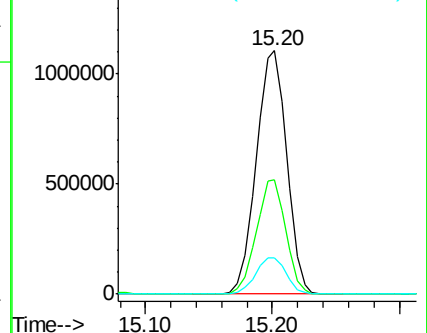
169 15.1 11.9 17.9

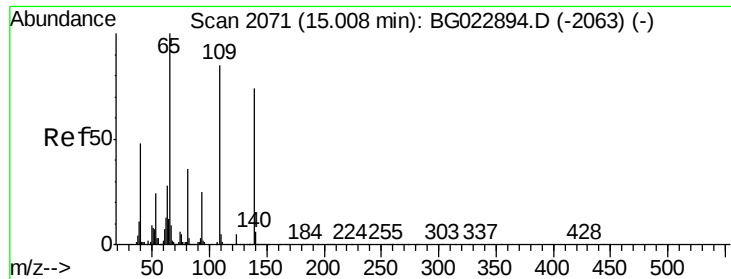


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 75.32 ng

RT: 15.03 min Scan# 2074

Delta R.T. 0.02 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

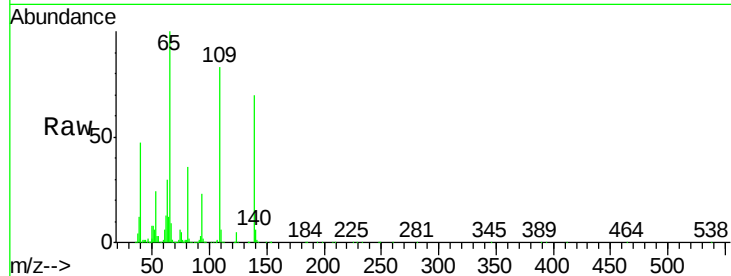
Tgt Ion:139 Resp: 500903

Ion Ratio Lower Upper

139 100

109 118.6 103.0 143.0

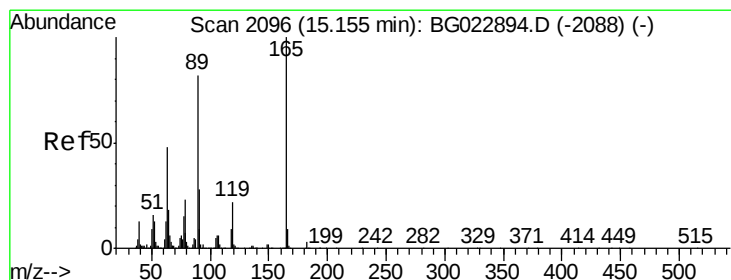
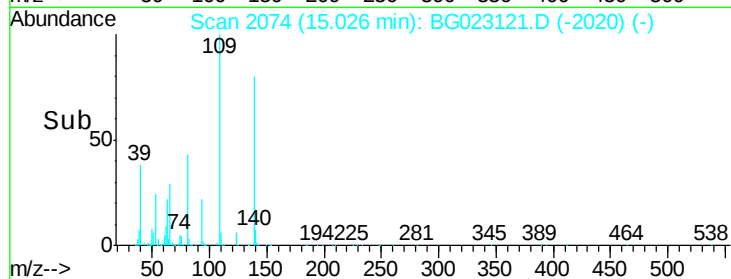
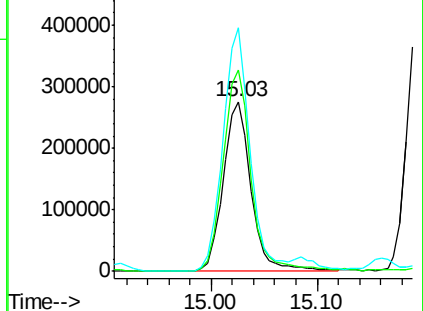
65 143.6 112.7 152.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 45.12 ng

RT: 15.16 min Scan# 2097

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Tgt Ion:165 Resp: 523323

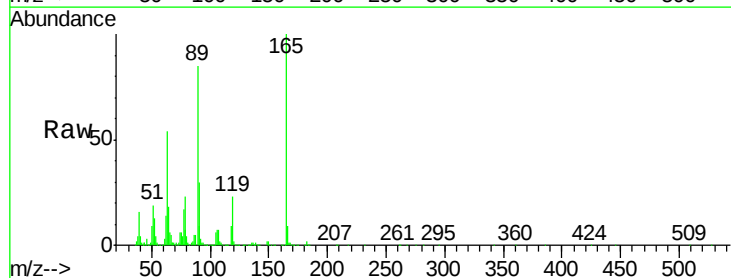
Ion Ratio Lower Upper

165 100

63 54.3 45.8 68.6

89 84.7 68.6 102.8

182 2.4 2.0 3.0

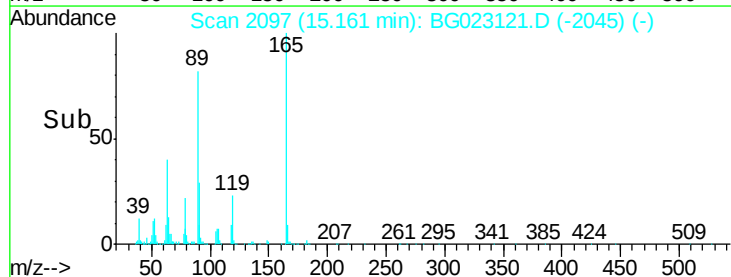
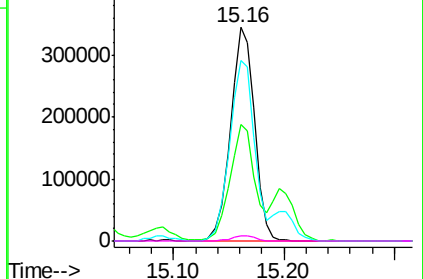


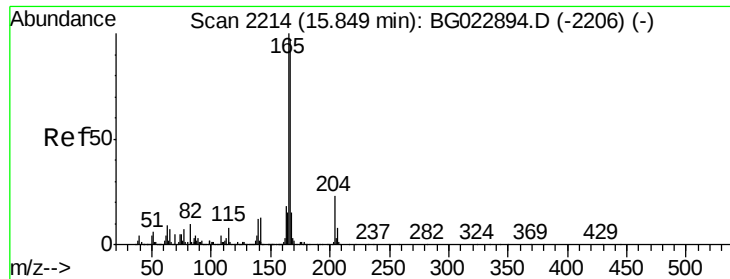
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

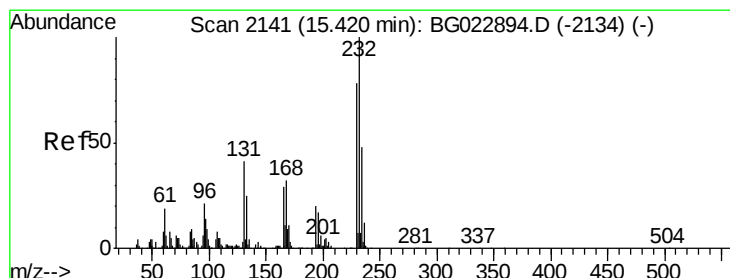
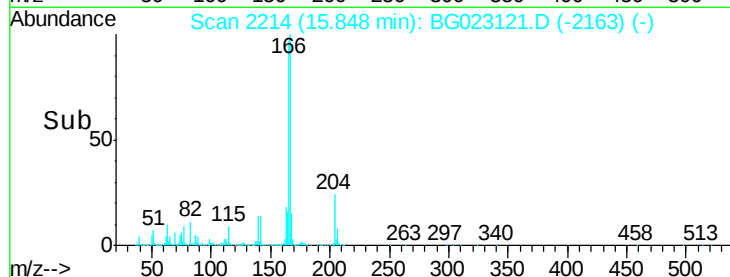
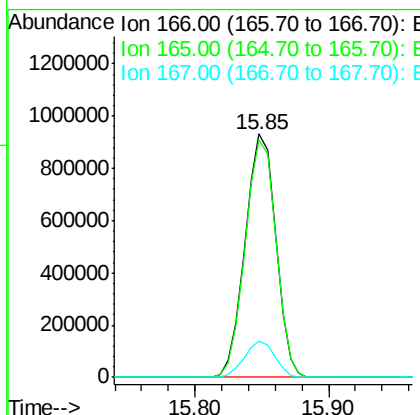
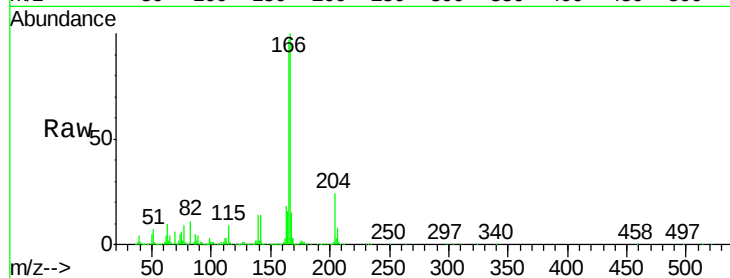




#57
Fluorene
 Concen: 44.26 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

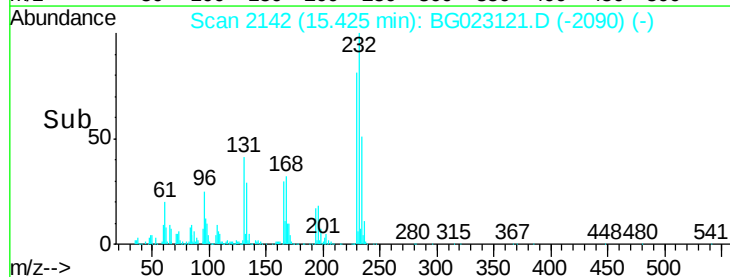
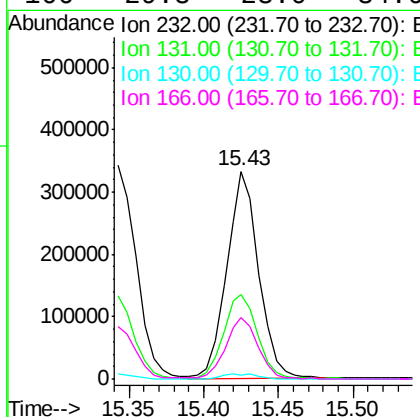
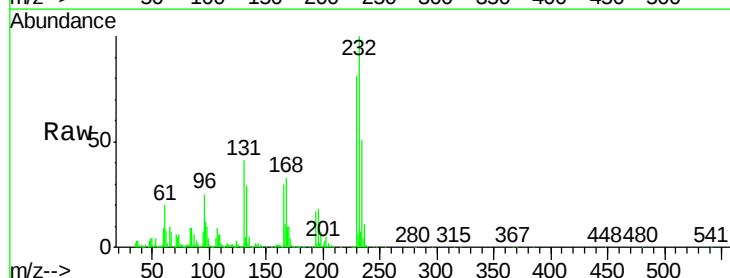
Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)CMS

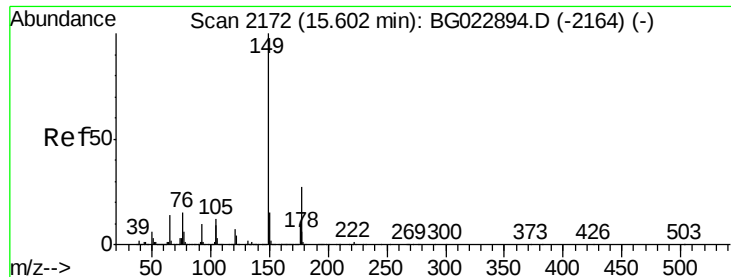
Tgt Ion:166 Resp: 1474327
 Ion Ratio Lower Upper
 166 100
 165 97.2 81.0 121.6
 167 14.6 12.0 18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.92 ng
 RT: 15.43 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Tgt Ion:232 Resp: 495401
 Ion Ratio Lower Upper
 232 100
 131 42.6 32.7 49.1
 130 2.7 2.6 3.8
 166 29.8 23.0 34.6





#59

Diethylphthalate

Concen: 46.11 ng

RT: 15.61 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

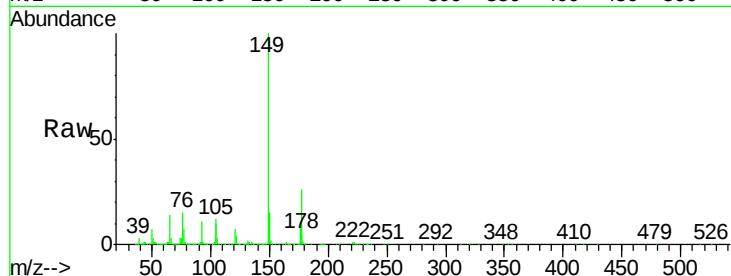
Tgt Ion:149 Resp: 1661096

Ion Ratio Lower Upper

149 100

177 26.4 19.2 28.8

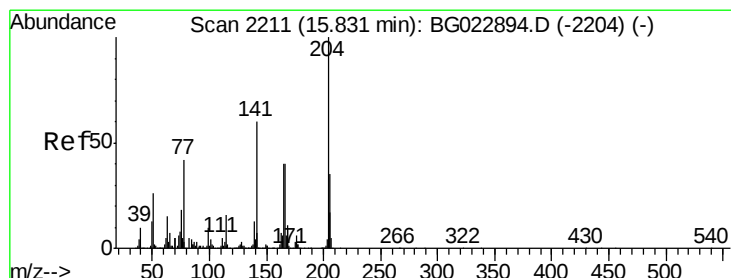
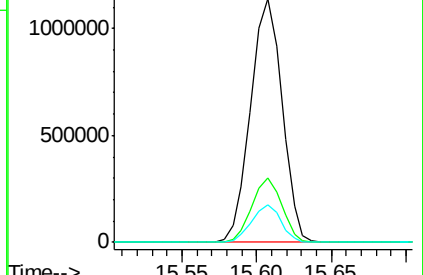
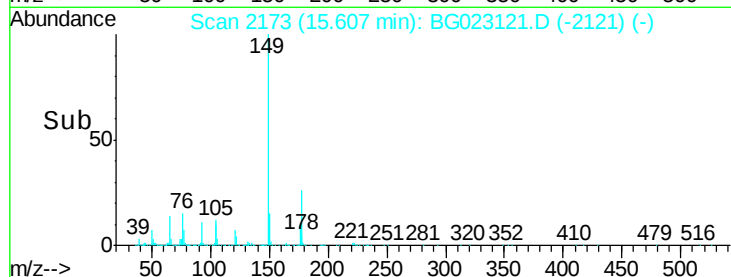
150 15.4 10.6 16.0



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: 42.68 ng

RT: 15.84 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

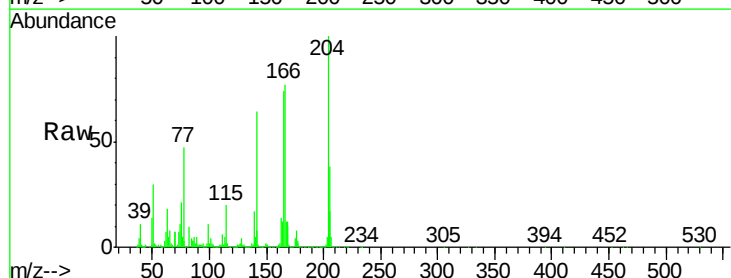
Tgt Ion:204 Resp: 865897

Ion Ratio Lower Upper

204 100

206 37.6 28.5 42.7

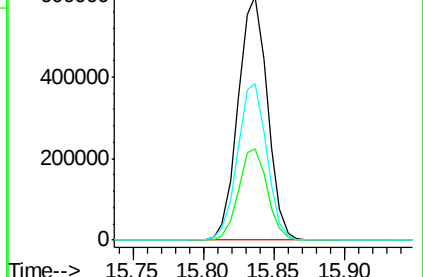
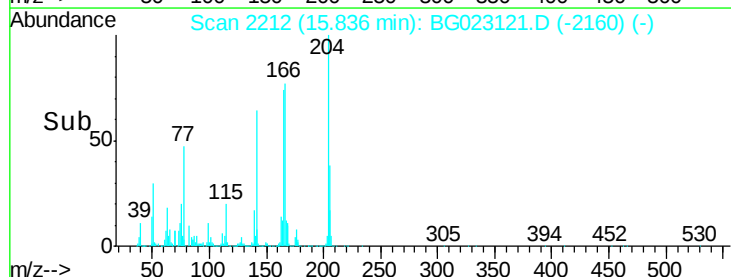
141 64.4 51.4 77.0

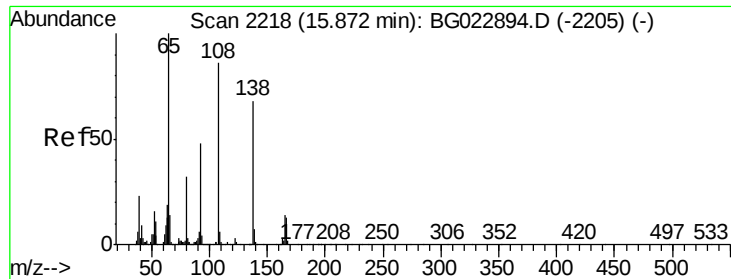


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

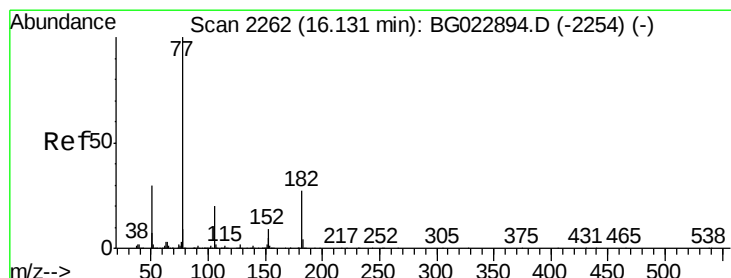
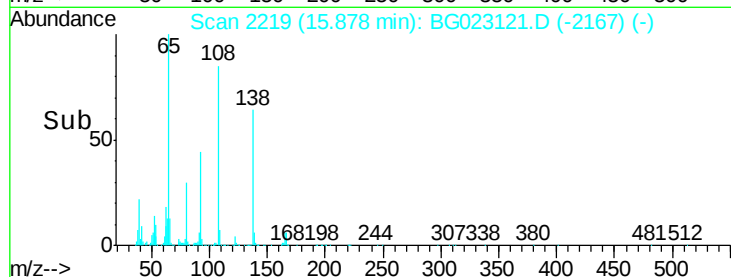
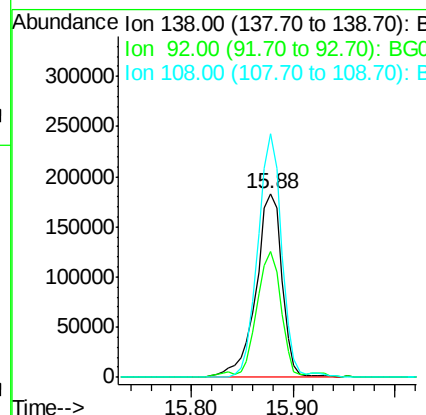
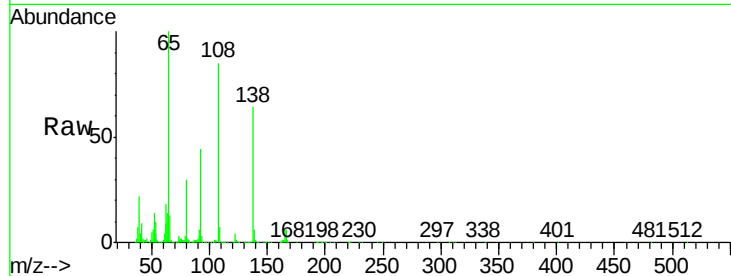




#61
4-Nitroaniline
Concen: 38.52 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

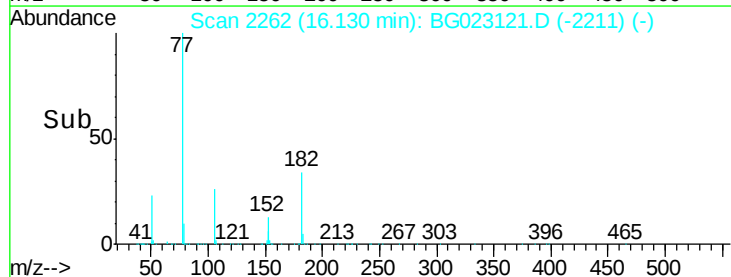
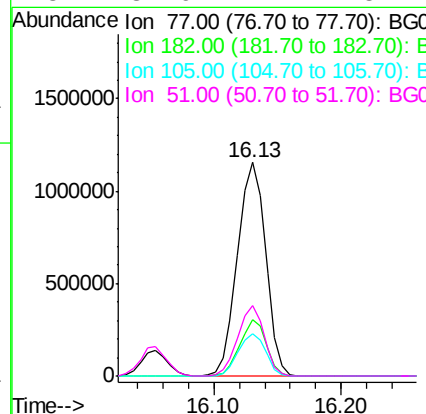
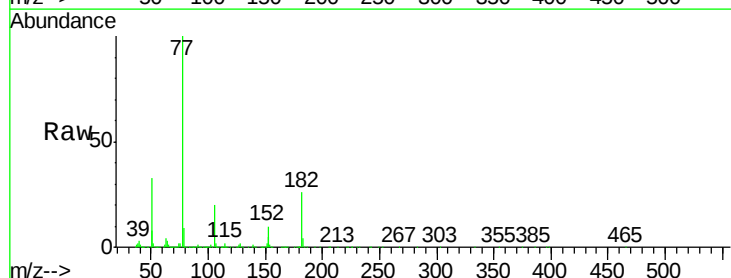
Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)CMS

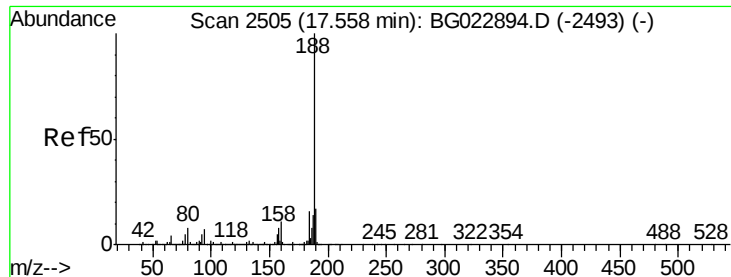
Tgt Ion: 138 Resp: 330692
Ion Ratio Lower Upper
138 100
92 68.6 54.1 94.1
108 132.4 133.9 173.9#



#62
Azobenzene
Concen: 51.60 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

Tgt Ion: 77 Resp: 1777788
Ion Ratio Lower Upper
77 100
182 26.2 3.5 43.5
105 19.9 0.0 38.5
51 32.9 17.1 57.1

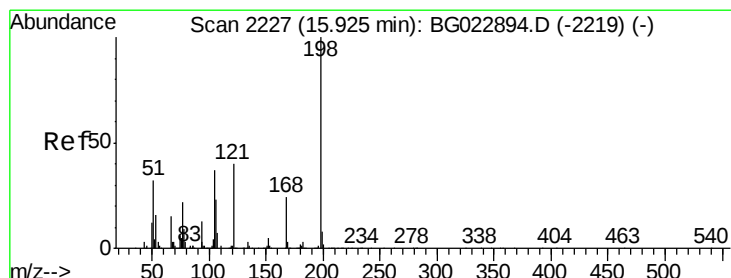
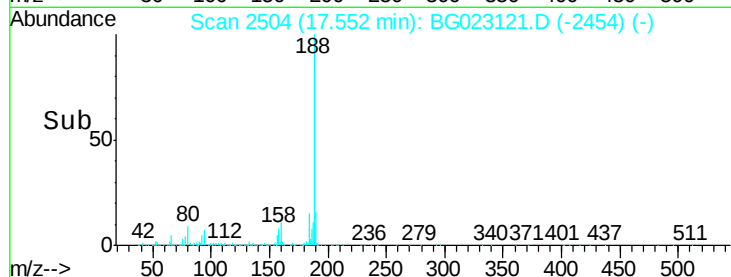
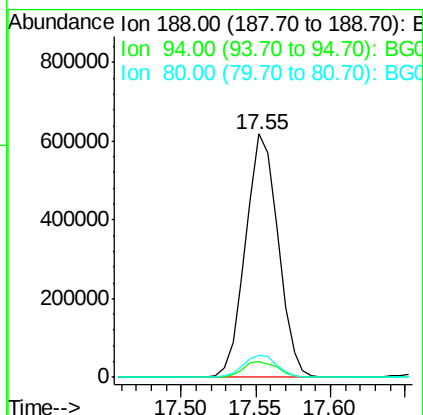
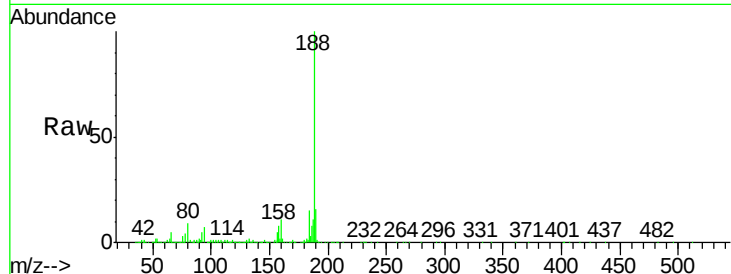




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

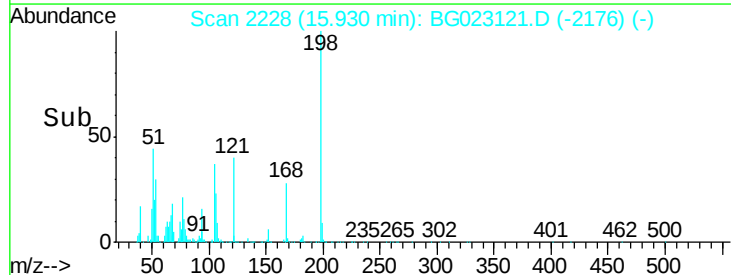
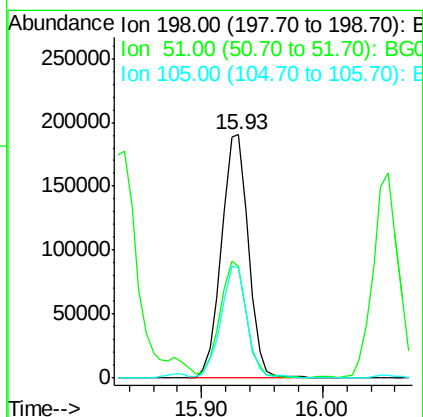
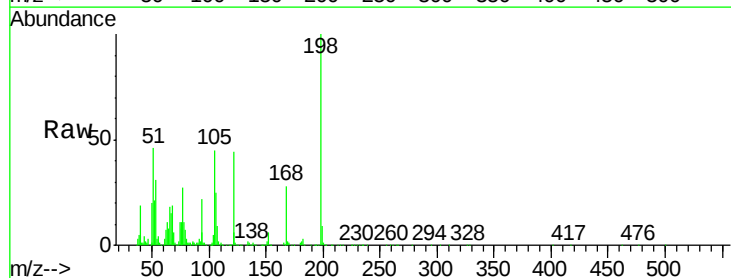
Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)CMS

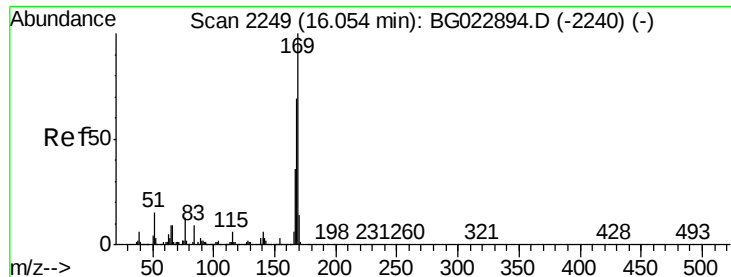
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.2	7.8
80	9.2	7.2	10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.36 ng
RT: 15.93 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.0	26.0	66.0
105	45.2	20.1	60.1

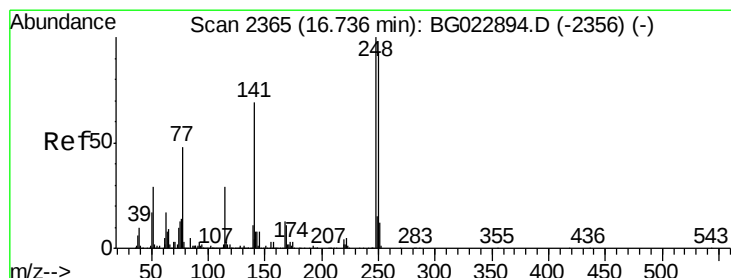
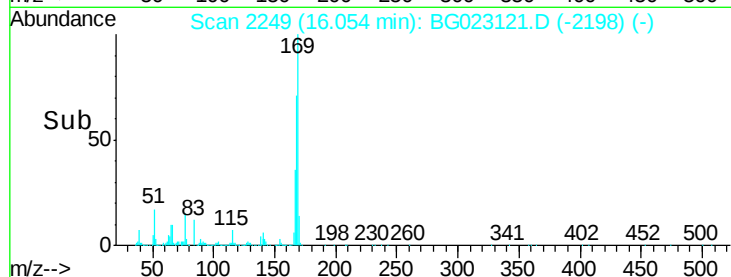
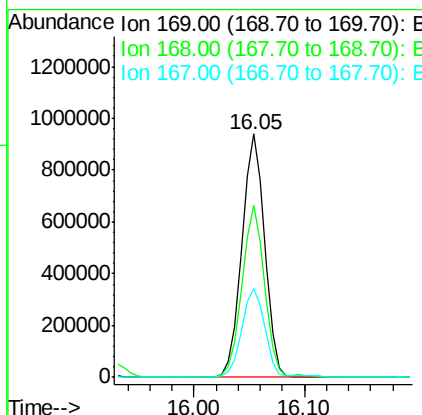
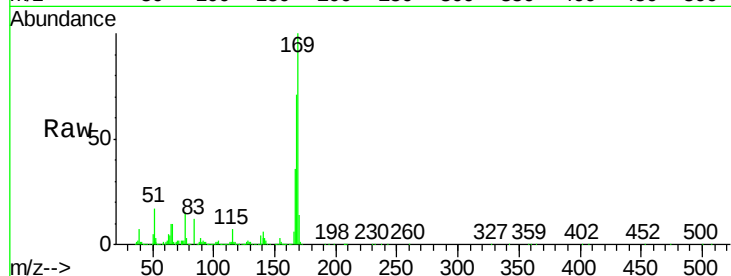




#65
n-Nitrosodiphenylamine
Concen: 50.77 ng
RT: 16.05 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

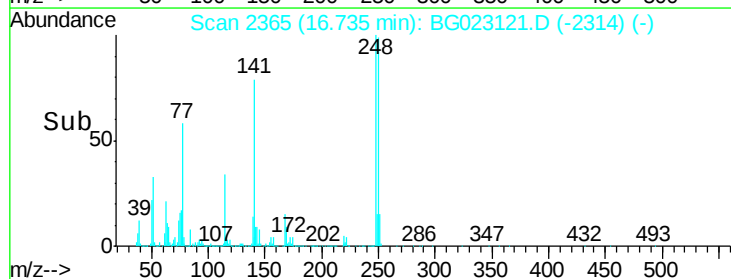
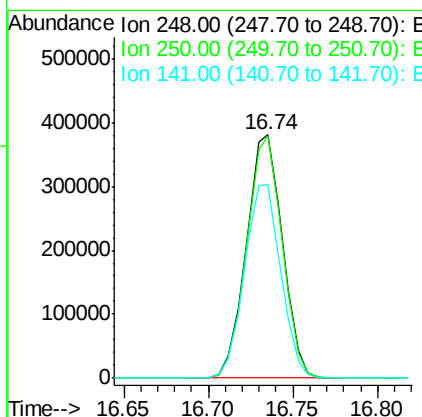
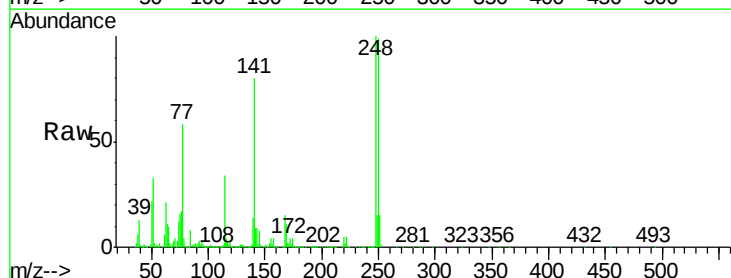
Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)CMS

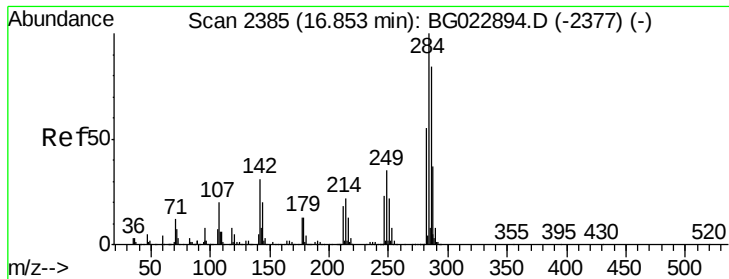
Tgt Ion:169 Resp: 1365322
Ion Ratio Lower Upper
169 100
168 70.7 55.0 82.4
167 36.3 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 46.51 ng
RT: 16.74 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

Tgt Ion:248 Resp: 564857
Ion Ratio Lower Upper
248 100
250 99.5 77.8 116.8
141 79.6 65.7 98.5





#67

Hexachlorobenzene

Concen: 44.35 ng

RT: 16.85 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

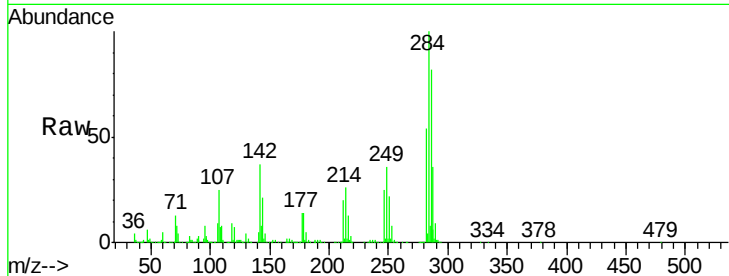
Tgt Ion:284 Resp: 585628

Ion Ratio Lower Upper

284 100

142 37.1 26.8 40.2

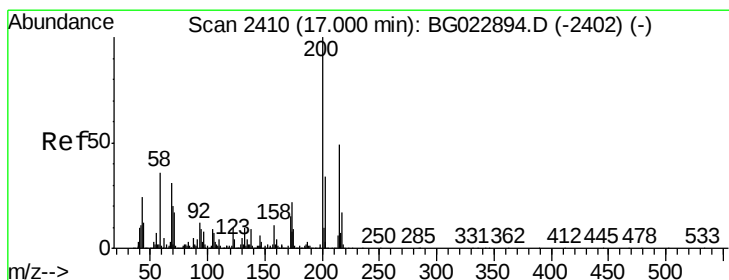
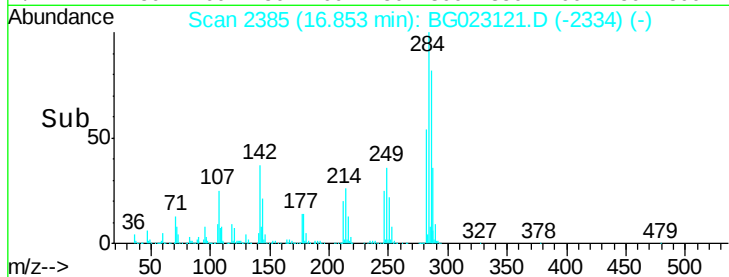
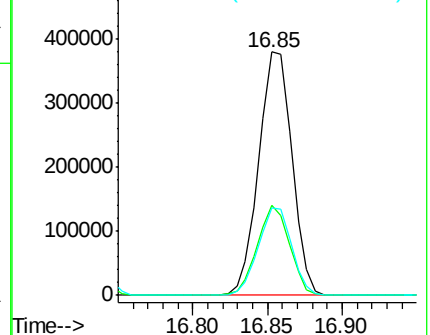
249 36.1 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.98 ng

RT: 17.00 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

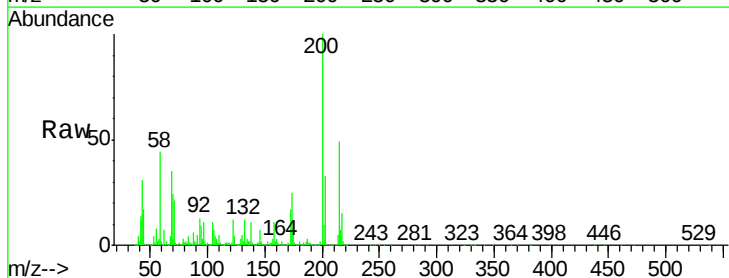
Tgt Ion:200 Resp: 560452

Ion Ratio Lower Upper

200 100

173 25.3 1.6 41.6

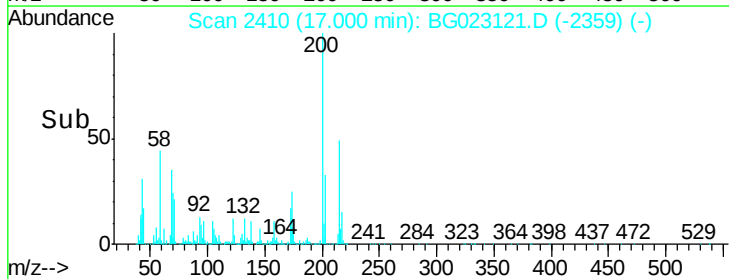
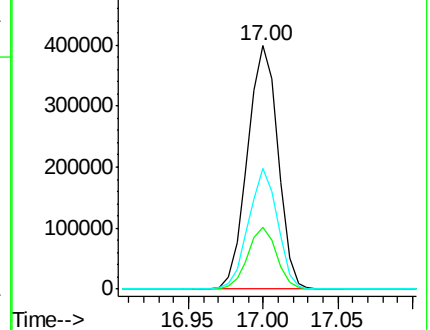
215 49.3 28.7 68.7

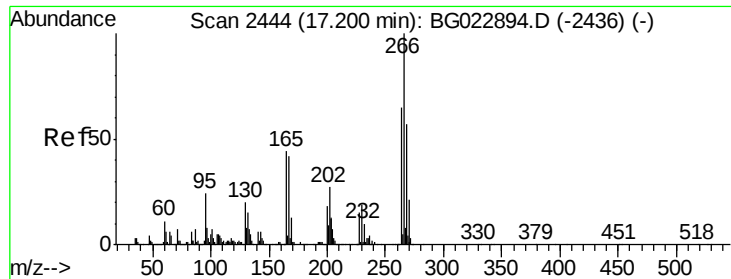


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

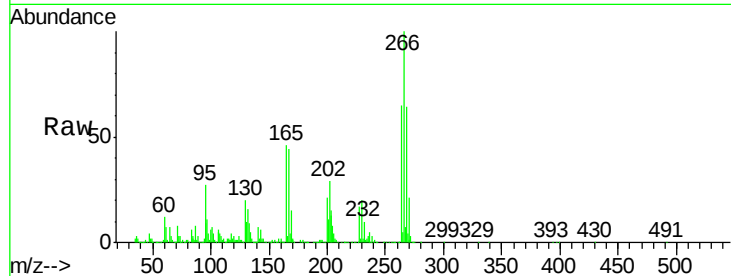




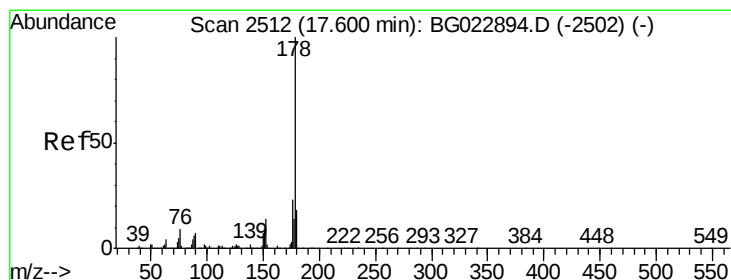
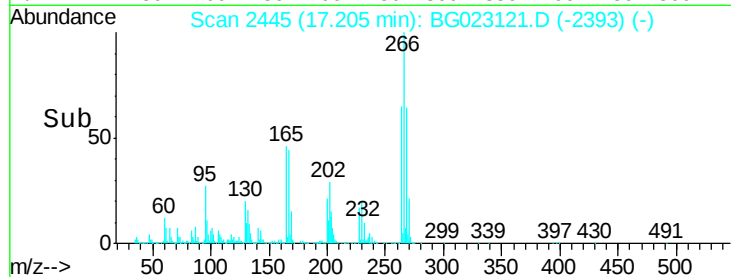
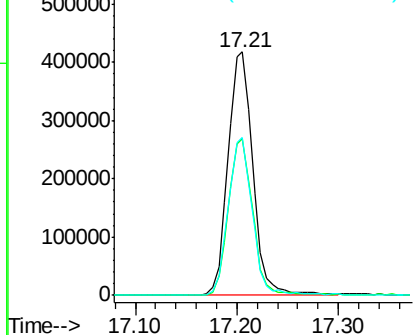
#69
 Pentachlorophenol
 Concen: 83.19 ng
 RT: 17.21 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)CMS

Tgt Ion:266 Resp: 711360
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.9 77.9
 264 64.9 50.6 75.8

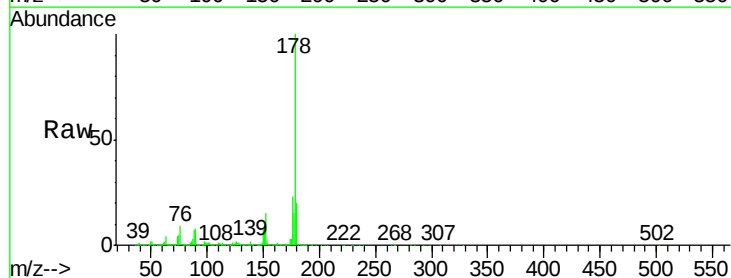


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

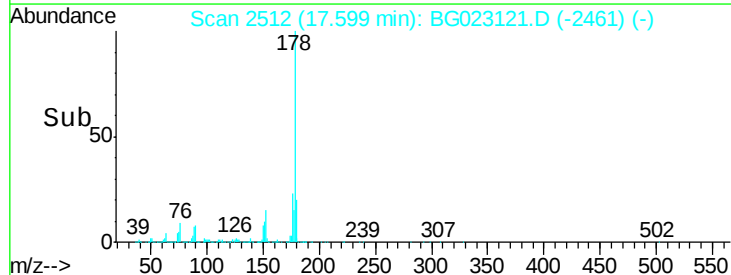
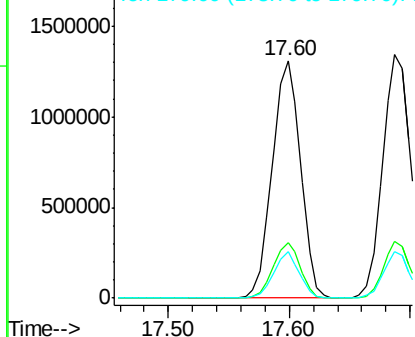


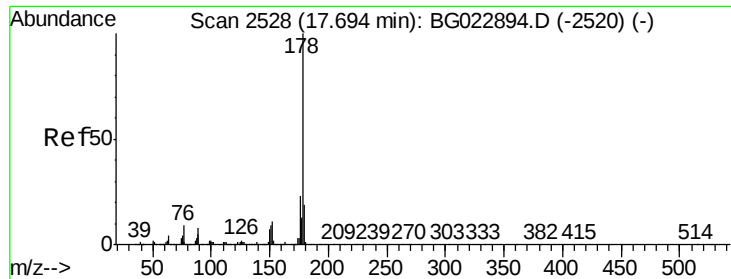
#70
 Phenanthrene
 Concen: 46.33 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Tgt Ion:178 Resp: 2119315
 Ion Ratio Lower Upper
 178 100
 176 23.3 16.8 25.2
 179 19.6 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

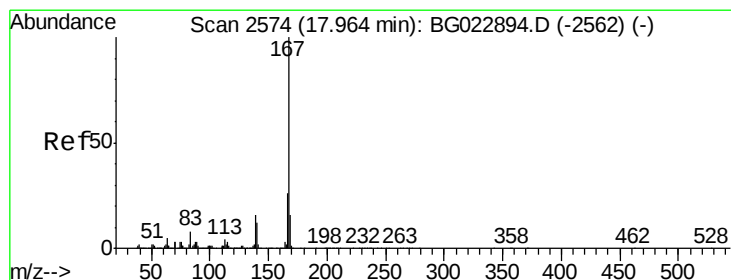
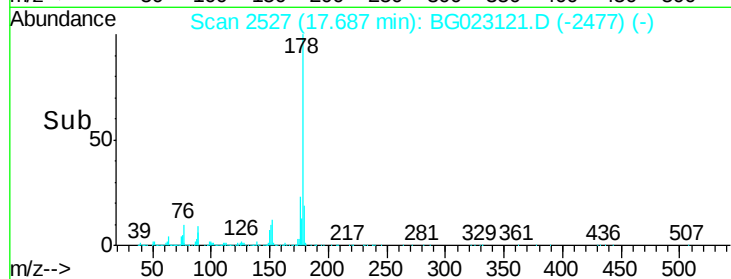
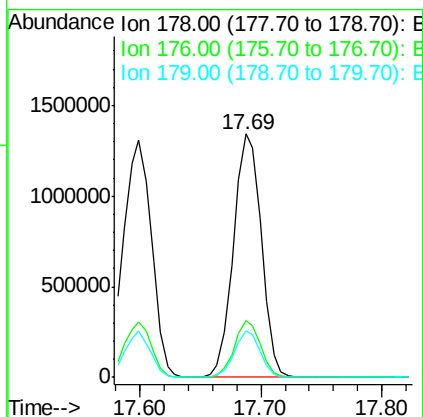
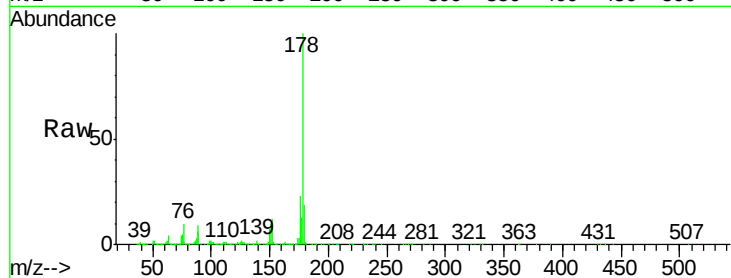




#71
 Anthracene
 Concen: 46.52 ng
 RT: 17.69 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

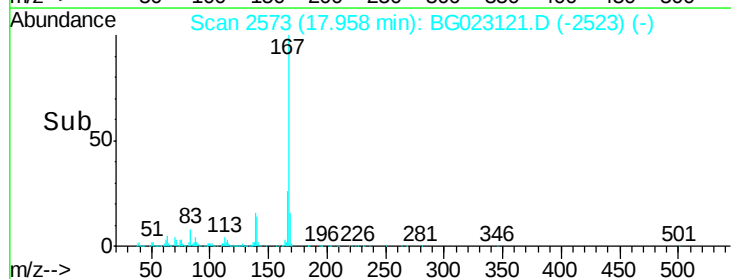
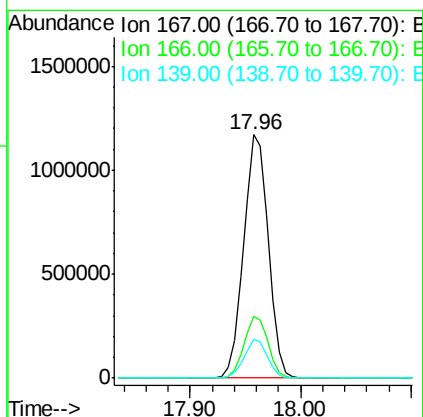
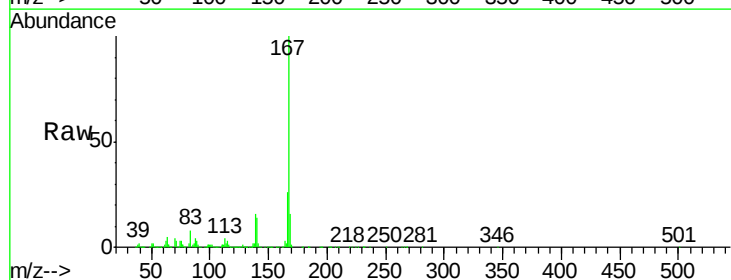
Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)CMS

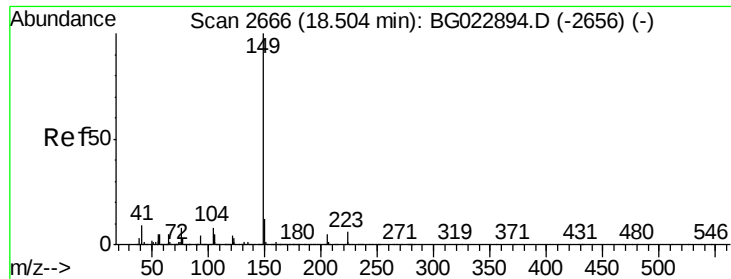
Tgt Ion:178 Resp: 2154808
 Ion Ratio Lower Upper
 178 100
 176 23.3 17.3 25.9
 179 19.0 14.0 21.0



#72
 Carbazole
 Concen: 45.88 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Tgt Ion:167 Resp: 1836417
 Ion Ratio Lower Upper
 167 100
 166 25.6 20.7 31.1
 139 15.8 11.9 17.9





#73

Di-n-butylphthalate

Concen: 50.22 ng

RT: 18.50 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

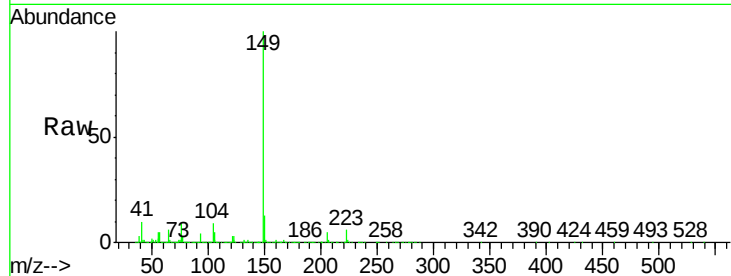
Tgt Ion:149 Resp: 2235365

Ion Ratio Lower Upper

149 100

150 12.6 9.1 13.7

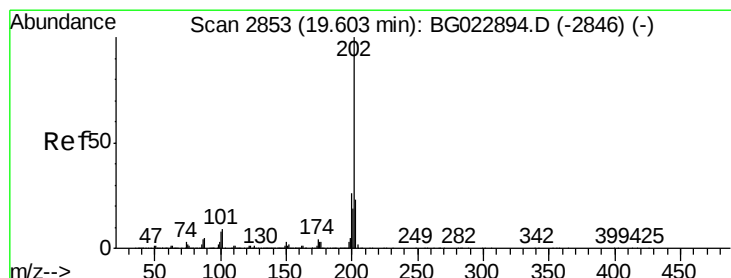
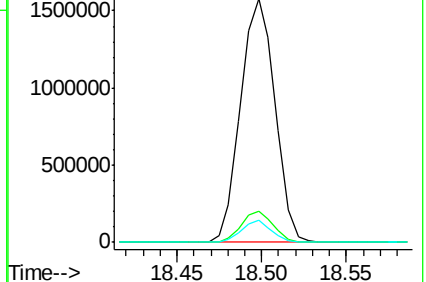
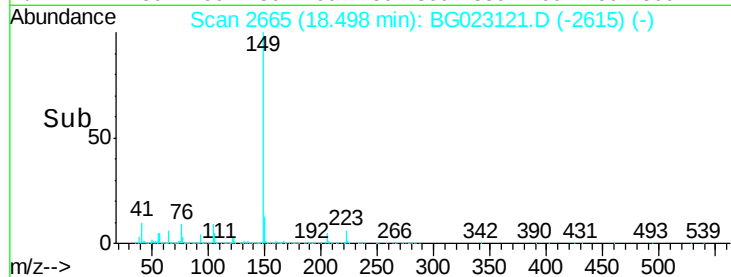
104 9.0 6.9 10.3



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: 40.70 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

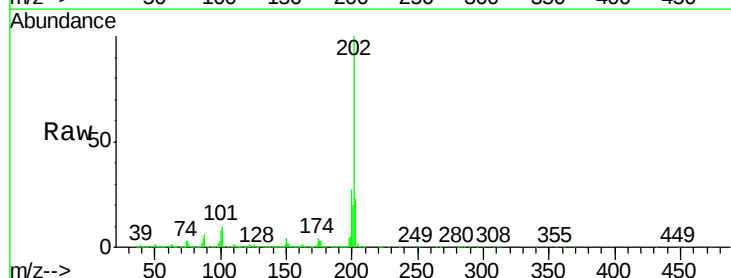
Tgt Ion:202 Resp: 2284844

Ion Ratio Lower Upper

202 100

101 10.0 0.0 27.4

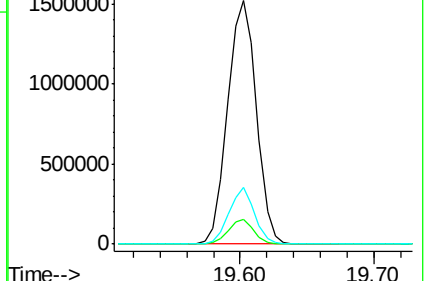
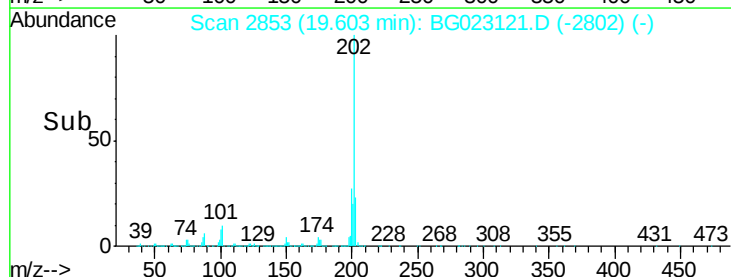
203 23.3 1.7 41.7

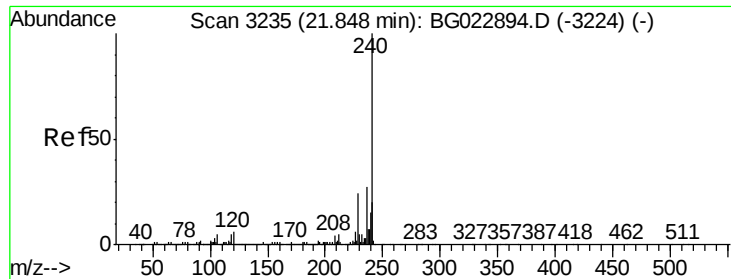


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

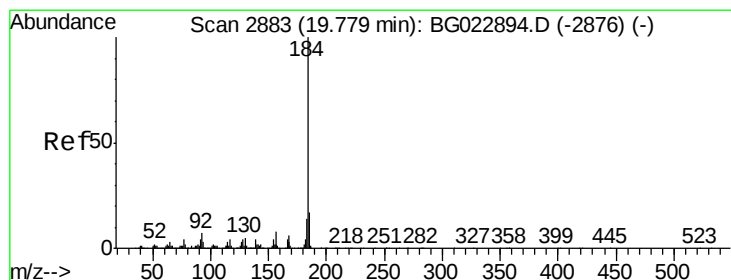
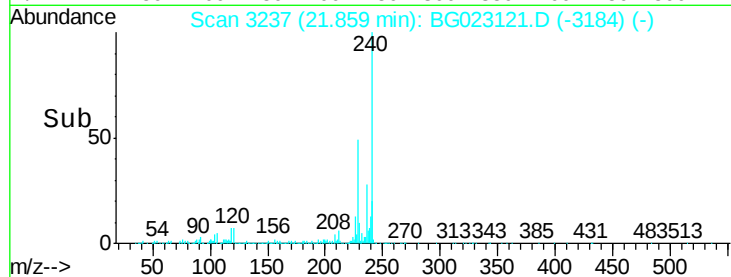
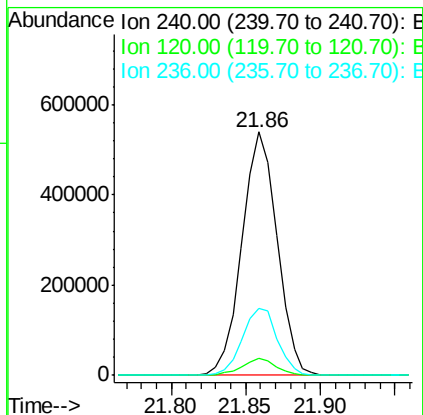
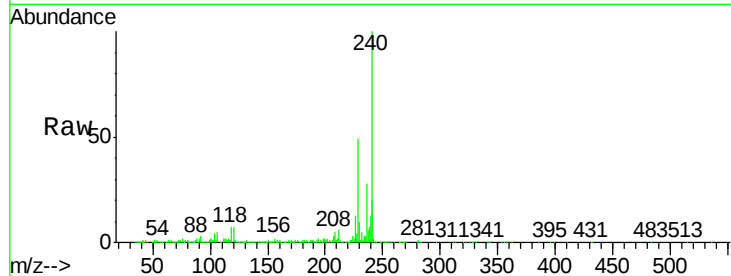




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

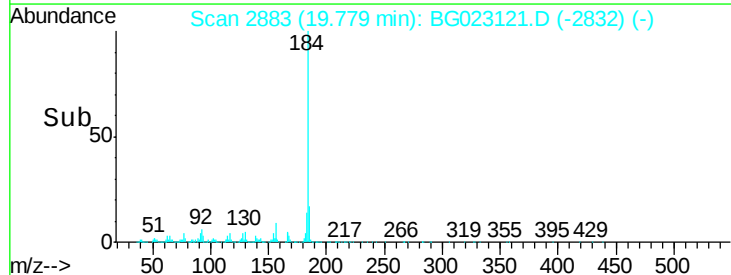
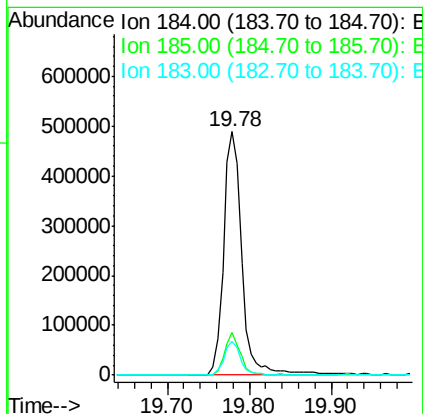
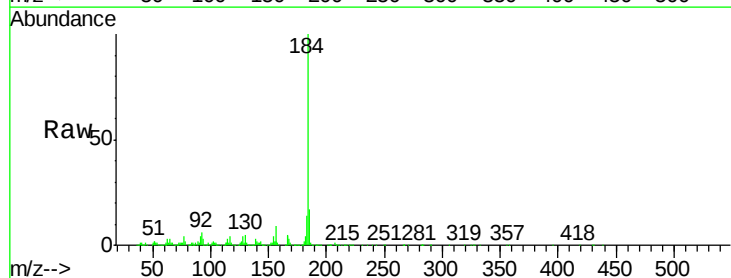
Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)CMS

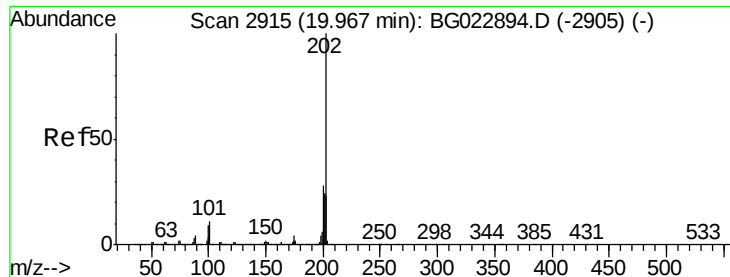
Tgt Ion:240 Resp: 879118
Ion Ratio Lower Upper
240 100
120 6.9 4.1 6.1#
236 27.6 21.1 31.7



#76
Benzidine
Concen: 29.97 ng
RT: 19.78 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

Tgt Ion:184 Resp: 755377
Ion Ratio Lower Upper
184 100
185 17.4 12.6 19.0
183 13.6 10.7 16.1





#77

Pyrene

Concen: 46.47 ng

RT: 19.97 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

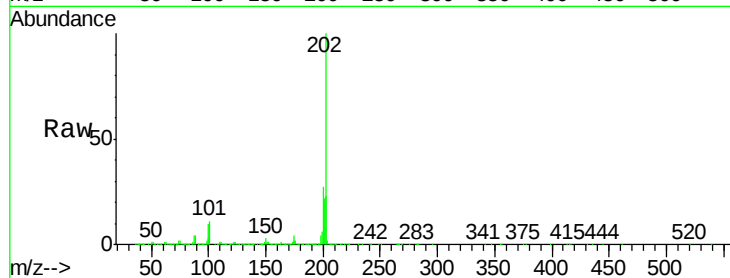
Tgt Ion:202 Resp: 2295737

Ion Ratio Lower Upper

202 100

200 27.1 21.2 31.8

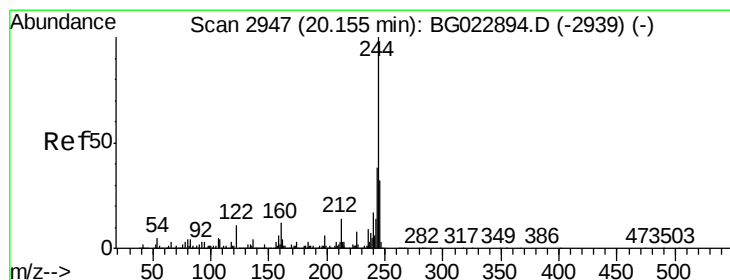
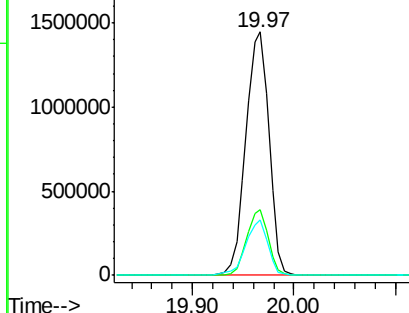
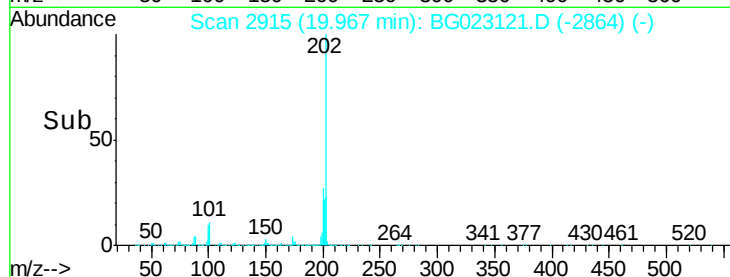
203 23.0 16.8 25.2



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: 125.95 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

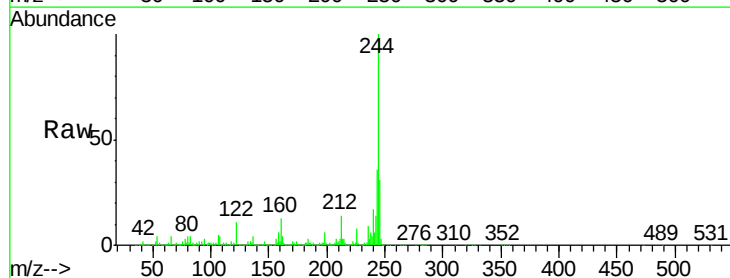
Tgt Ion:244 Resp: 2896269

Ion Ratio Lower Upper

244 100

212 13.9 10.8 16.2

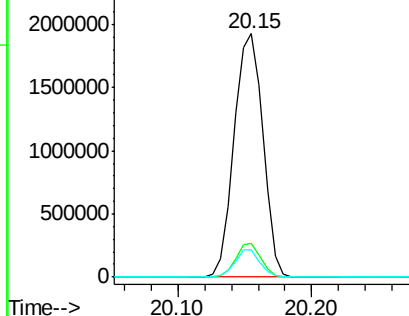
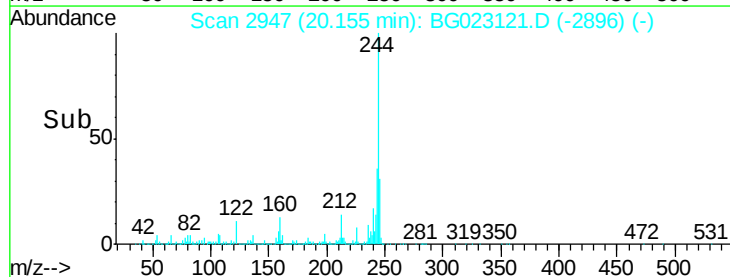
122 11.2 8.0 12.0

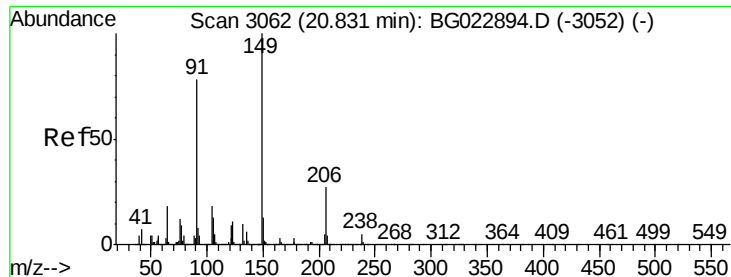


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

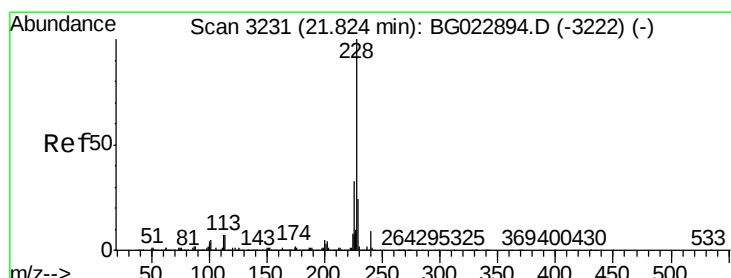
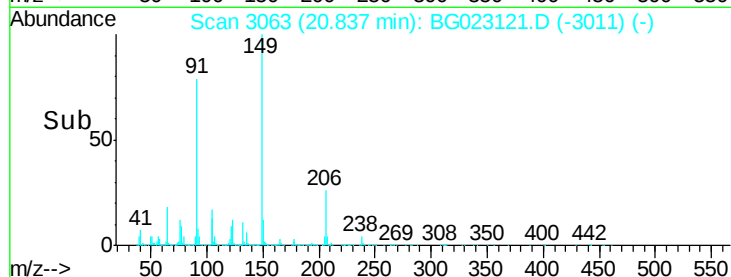
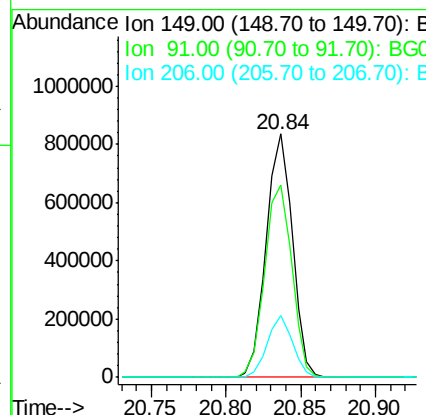
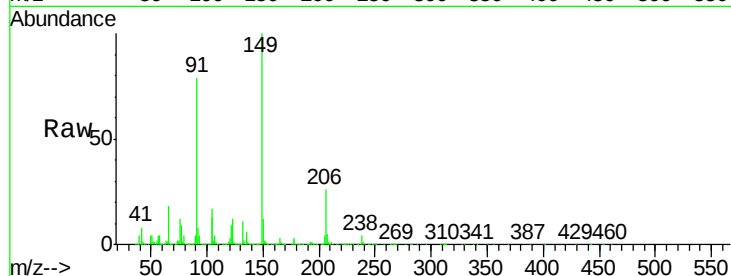




#79
Butylbenzylphthalate
Concen: 51.77 ng
RT: 20.84 min Scan# 3063
Delta R.T. 0.01 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

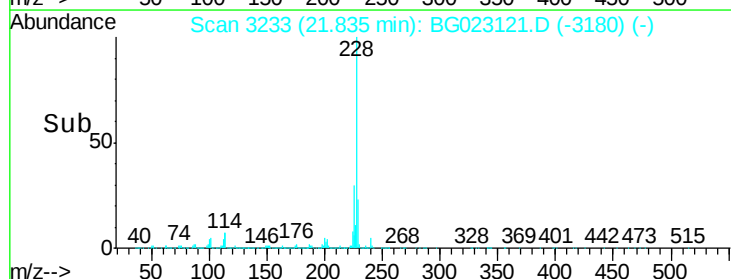
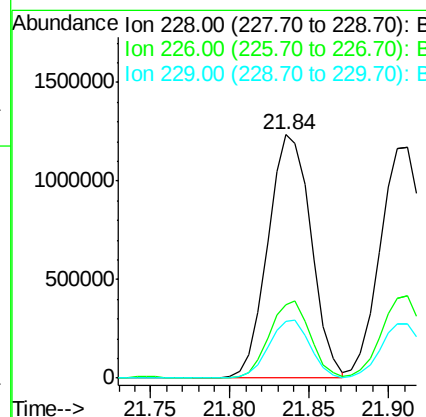
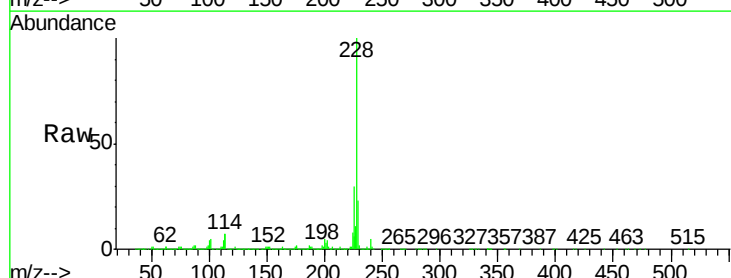
Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)CMS

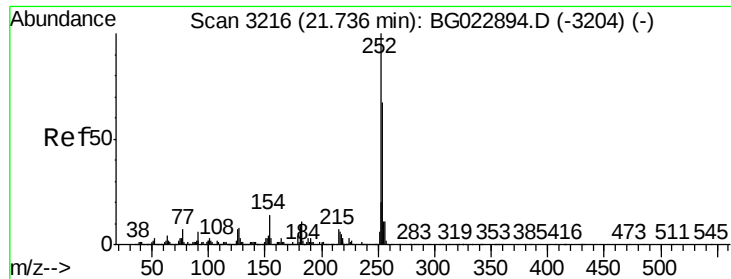
Tgt Ion:149 Resp: 1012962
Ion Ratio Lower Upper
149 100
91 79.1 68.1 102.1
206 25.6 19.8 29.6



#80
Benzo(a)anthracene
Concen: 47.52 ng
RT: 21.84 min Scan# 3233
Delta R.T. 0.01 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

Tgt Ion:228 Resp: 2337423
Ion Ratio Lower Upper
228 100
226 30.2 25.3 37.9
229 23.3 19.9 29.9

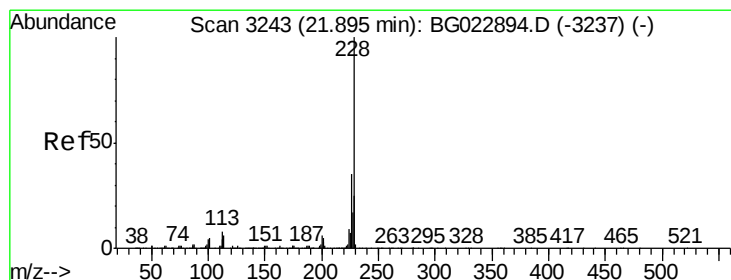
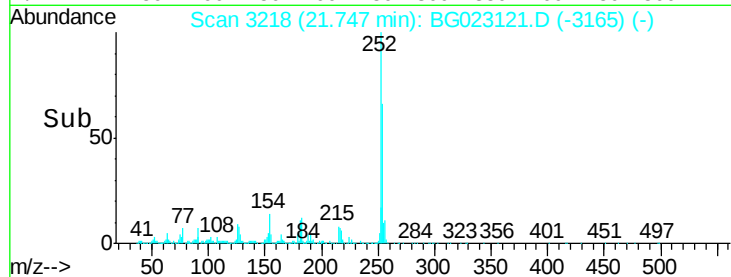
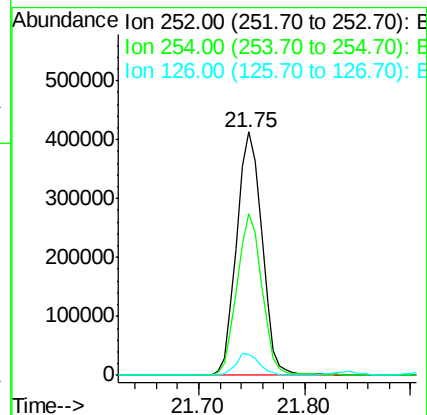
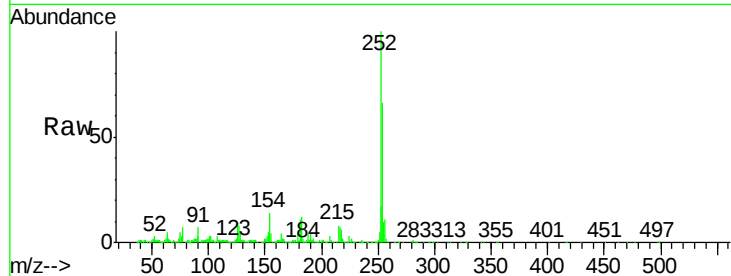




#81
 3,3'-Dichlorobenzidine
 Concen: 31.88 ng
 RT: 21.75 min Scan# 3218
 Delta R.T. 0.01 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

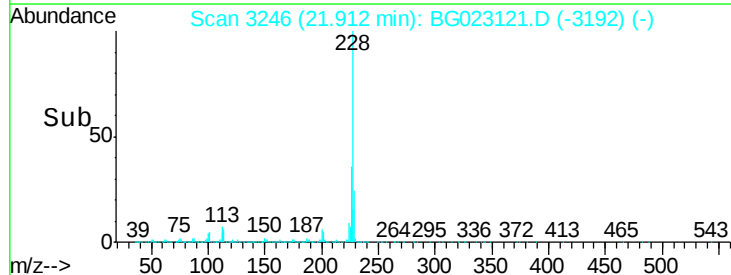
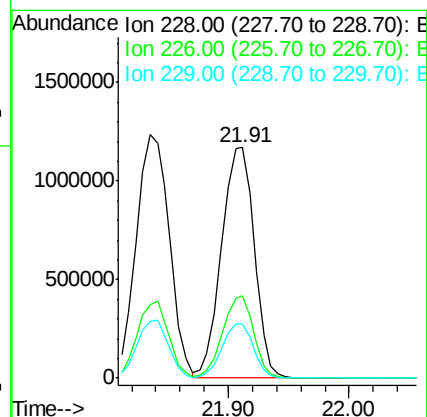
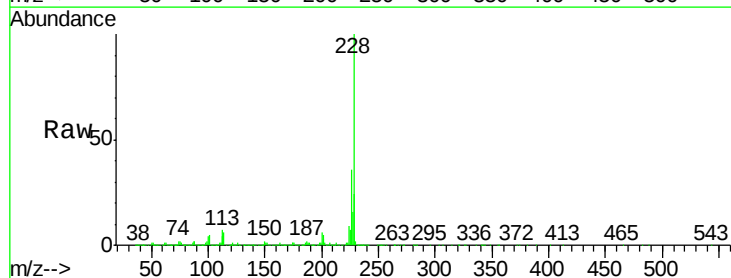
Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)CMS

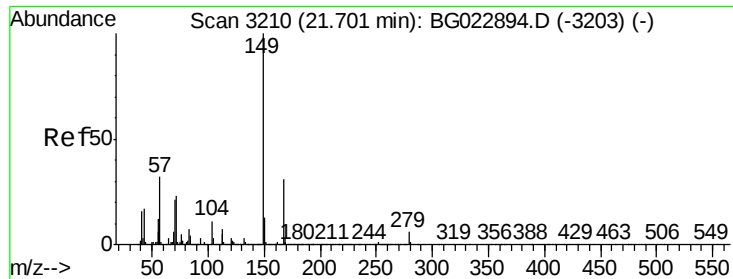
Tgt Ion:252 Resp: 688183
 Ion Ratio Lower Upper
 252 100
 254 66.3 51.2 76.8
 126 8.5 5.3 7.9#



#82
 Chrysene
 Concen: 47.45 ng
 RT: 21.91 min Scan# 3246
 Delta R.T. 0.02 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Tgt Ion:228 Resp: 2189055
 Ion Ratio Lower Upper
 228 100
 226 35.7 26.7 40.1
 229 23.7 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.37 ng

RT: 21.72 min Scan# 3213

Delta R.T. 0.02 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

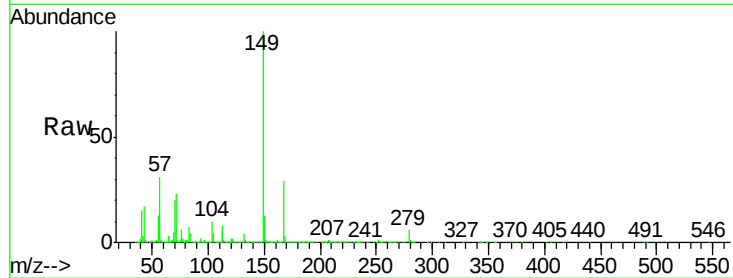
Tgt Ion:149 Resp: 1422907

Ion Ratio Lower Upper

149 100

167 29.3 24.0 36.0

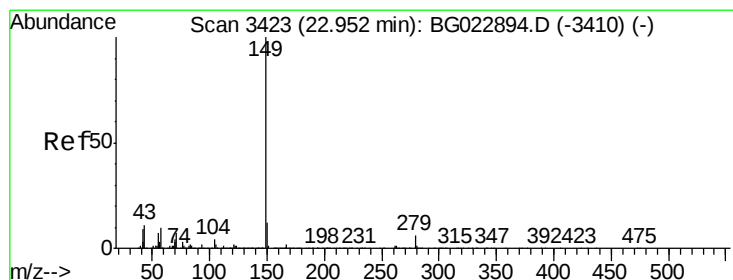
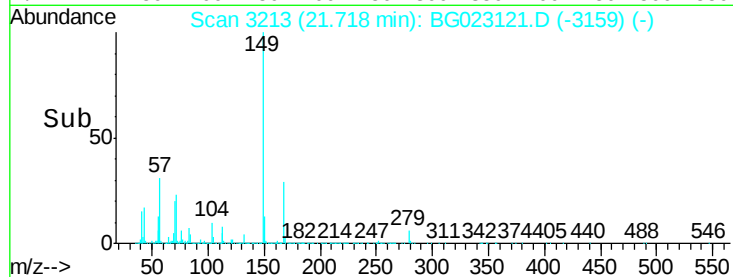
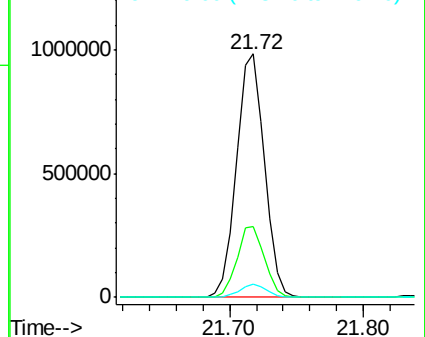
279 5.6 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.74 ng

RT: 22.98 min Scan# 3428

Delta R.T. 0.03 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

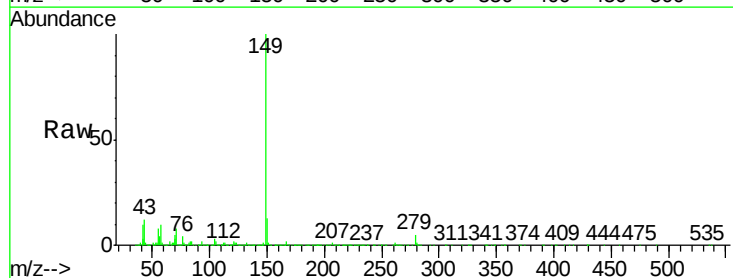
Tgt Ion:149 Resp: 2344317

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

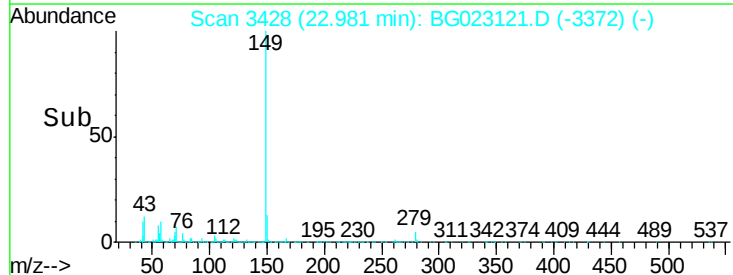
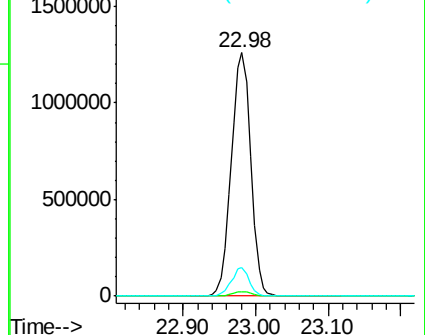
43 10.8 8.8 13.2

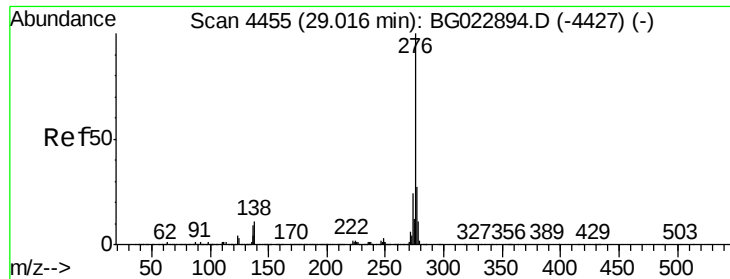


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.99 ng

RT: 29.09 min Scan# 4468

Delta R.T. 0.08 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

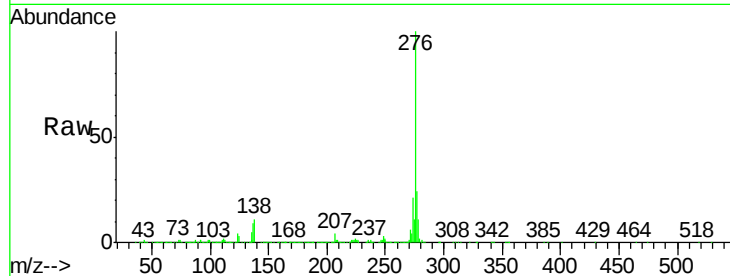
Tgt Ion:276 Resp: 2646394

Ion Ratio Lower Upper

276 100

138 6.0 0.0 0.0#

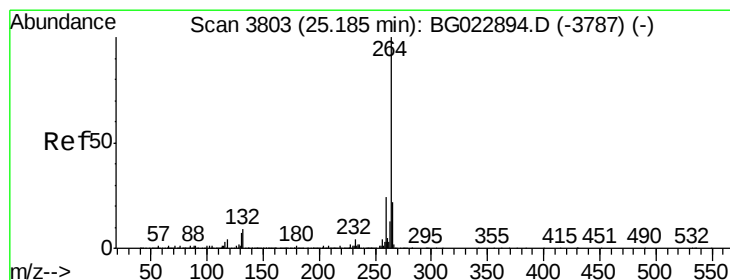
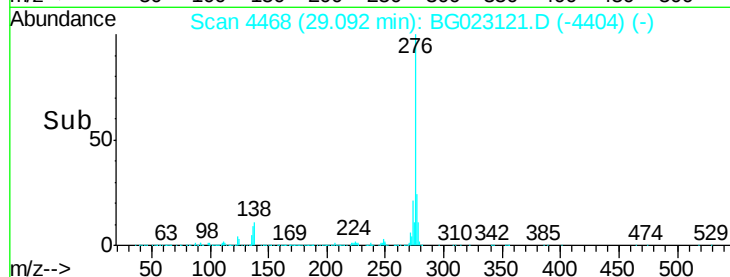
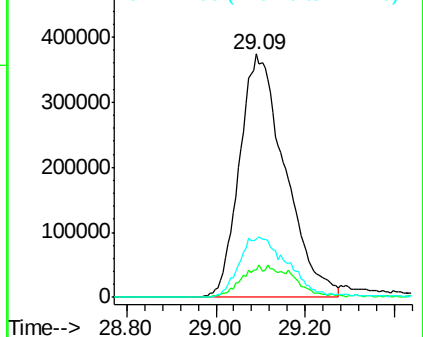
277 0.0 0.0 0.0



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: 25.23 min Scan# 3811

Delta R.T. 0.05 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

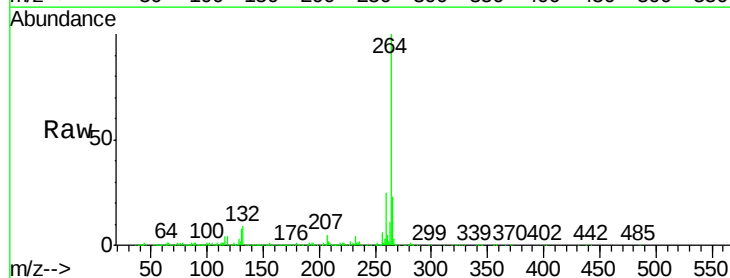
Tgt Ion:264 Resp: 901740

Ion Ratio Lower Upper

264 100

260 24.8 18.4 27.6

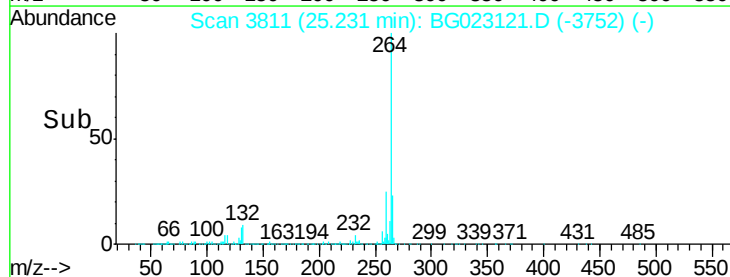
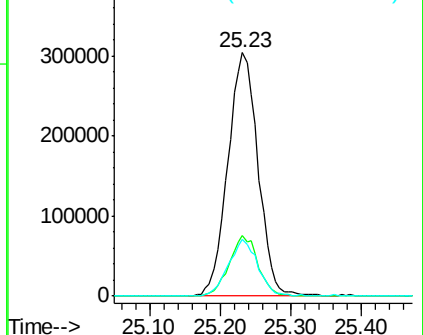
265 23.5 18.9 28.3

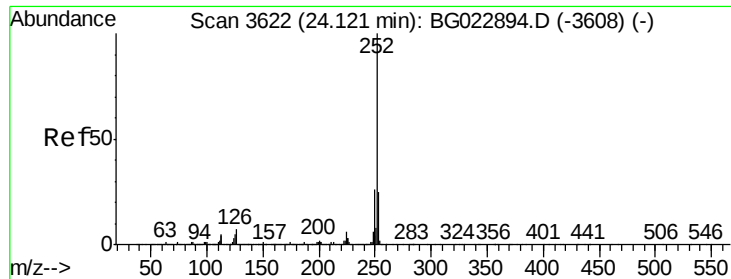


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

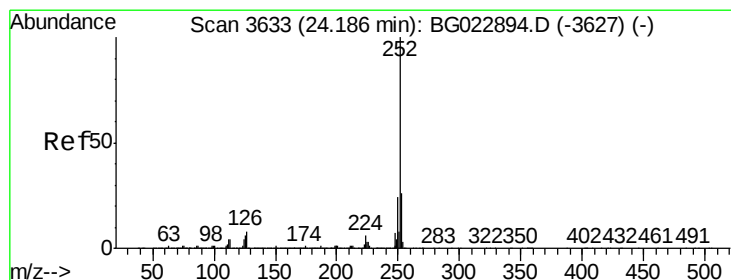
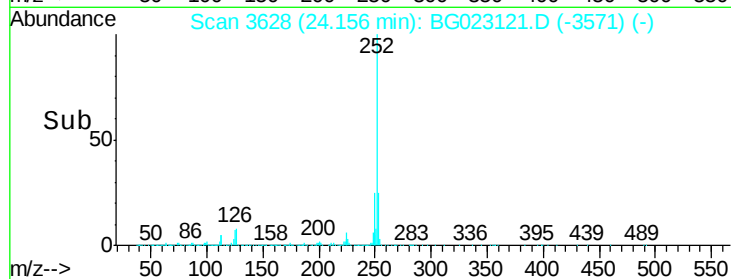
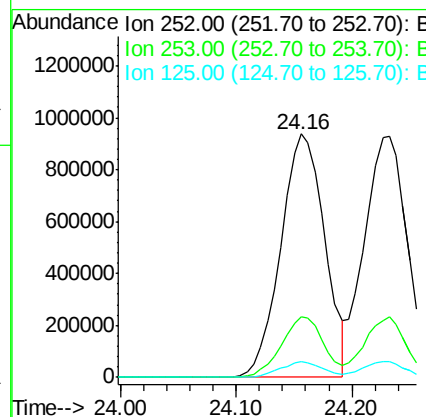
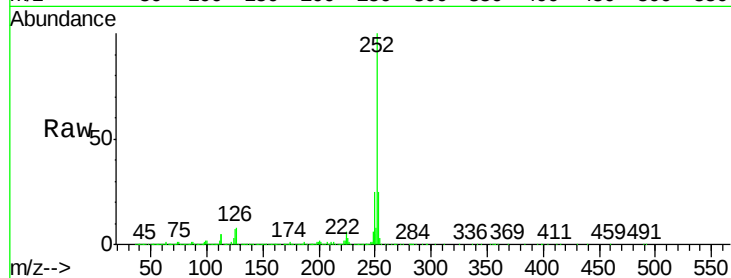




#87
Benzo(b)fluoranthene
Concen: 47.62 ng
RT: 24.16 min Scan# 3628
Delta R.T. 0.03 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

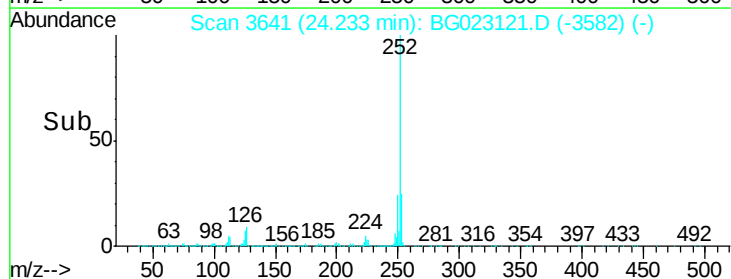
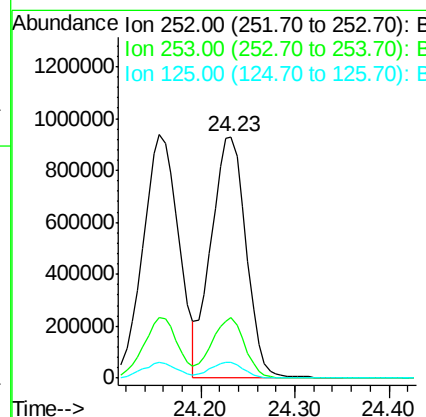
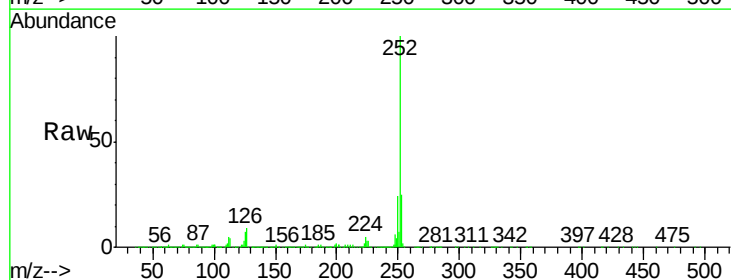
Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)CMS

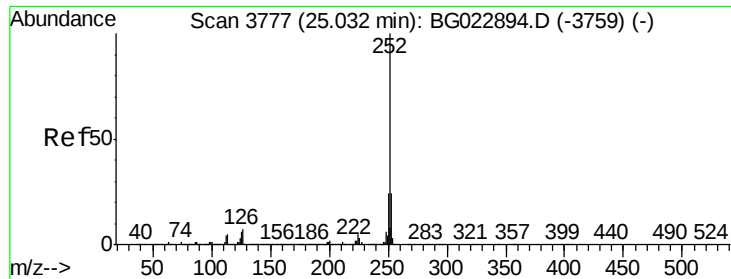
Tgt Ion:252 Resp: 2477674
Ion Ratio Lower Upper
252 100
253 24.9 18.9 28.3
125 6.6 3.9 5.9#



#88
Benzo(k)fluoranthene
Concen: 48.74 ng
RT: 24.23 min Scan# 3641
Delta R.T. 0.05 min
Lab File: BG023121.D
Acq: 15 Jul 2016 20:10

Tgt Ion:252 Resp: 2406154
Ion Ratio Lower Upper
252 100
253 25.0 18.8 28.2
125 6.7 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 48.57 ng

RT: 25.07 min Scan# 3784

Delta R.T. 0.04 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)CMS

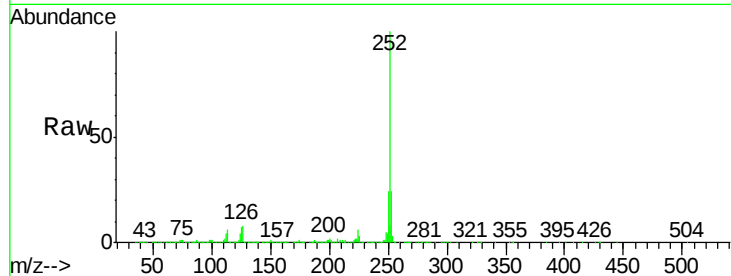
Tgt Ion:252 Resp: 2422198

Ion Ratio Lower Upper

252 100

253 23.9 18.7 28.1

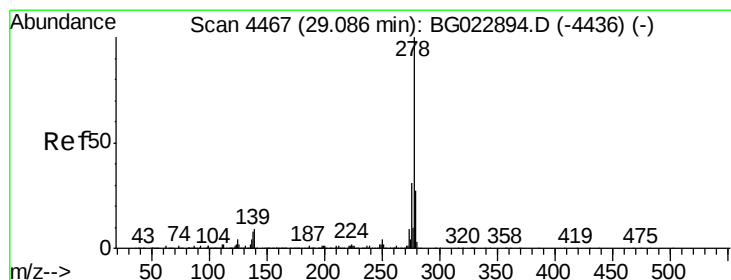
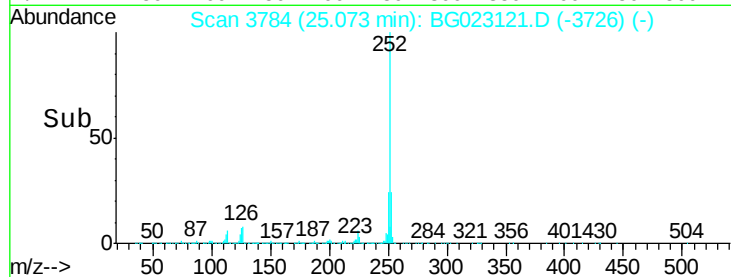
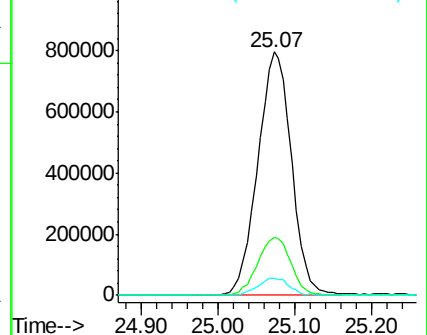
125 6.9 3.9 5.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 43.94 ng

RT: 29.16 min Scan# 4480

Delta R.T. 0.08 min

Lab File: BG023121.D

Acq: 15 Jul 2016 20:10

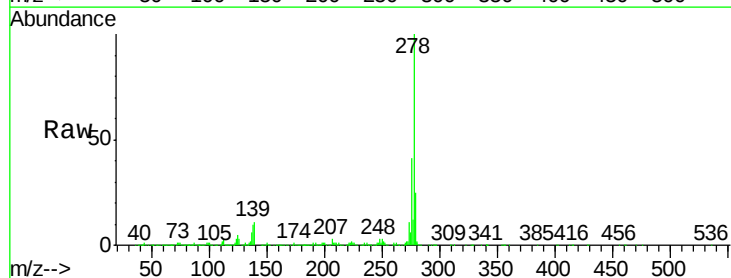
Tgt Ion:278 Resp: 2174798

Ion Ratio Lower Upper

278 100

139 11.1 4.7 7.1#

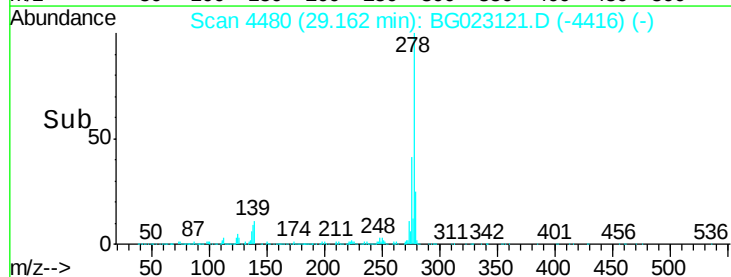
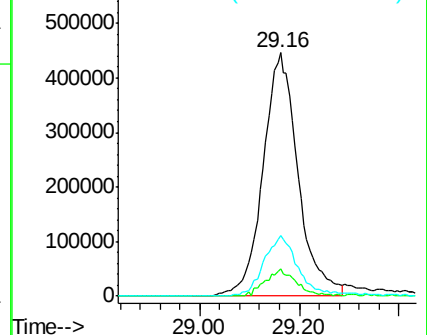
279 24.7 18.3 27.5

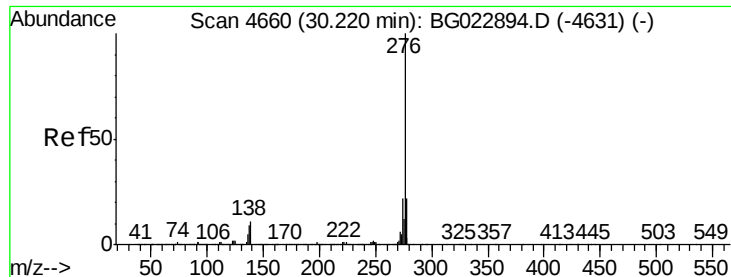


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 43.54 ng
 RT: 30.30 min Scan# 4674
 Delta R.T. 0.08 min
 Lab File: BG023121.D
 Acq: 15 Jul 2016 20:10

Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)CMS

Tgt Ion:276 Resp: 2158056
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.6 27.8
 138 14.5 6.8 10.2#

