

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023119.D
 Acq On : 15 Jul 2016 18:49
 Operator : UM/SJ
 Sample : H4017-17MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5-9MSD

Quant Time: Jul 15 23:09:23 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	95069	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	465122	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	361231	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	839963	20.00	ng	0.00
75) Chrysene-d12	21.86	240	897572	20.00	ng	0.00
86) Perylene-d12	25.22	264	914264	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	758078	130.41	ng	0.00
7) Phenol-d6	7.31	99	1234145	135.56	ng	0.00
23) Nitrobenzene-d5	9.33	82	887383	81.69	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	623702	96.07	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1802701	78.61	ng	0.00
78) Terphenyl-d14	20.15	244	2489895	89.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	73403	32.49	ng	93
3) Pyridine	3.97	79	175612	22.71	ng	96
4) n-Nitrosodimethylamine	3.88	42	125467	37.83	ng	# 83
6) Aniline	7.47	93	389588	30.88	ng	97
8) 2-Chlorophenol	7.71	128	272234	44.01	ng	99
9) Benzaldehyde	7.29	77	134551	22.12	ng	92
10) Phenol	7.34	94	445371	47.55	ng	92
11) bis(2-Chloroethyl)ether	7.56	93	288211	38.82	ng	95
12) 1,3-Dichlorobenzene	8.04	146	270237	35.69	ng	97
13) 1,4-Dichlorobenzene	8.19	146	278652	36.76	ng	92
14) 1,2-Dichlorobenzene	8.51	146	272254	36.13	ng	98
15) Benzyl Alcohol	8.40	79	377384	45.26	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	360305	39.73	ng	92
17) 2-Methylphenol	8.60	107	276320	45.31	ng	93
18) Hexachloroethane	9.24	117	119000	37.19	ng	95
19) n-Nitroso-di-n-propylamine	8.96	70	319404	38.92	ng	# 94
20) 3+4-Methylphenols	8.92	107	387886	45.61	ng	96
22) Acetophenone	8.98	105	502227	35.98	ng	# 94
24) Nitrobenzene	9.37	77	459140	39.78	ng	95
25) Isophorone	9.89	82	826340	37.82	ng	98
26) 2-Nitrophenol	10.09	139	176834	39.04	ng	89
27) 2,4-Dimethylphenol	10.14	122	299395	38.24	ng	93
28) bis(2-Chloroethoxy)methane	10.37	93	468773	38.47	ng	99
29) 2,4-Dichlorophenol	10.63	162	351346	42.08	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	351357	36.72	ng	97
31) Naphthalene	11.03	128	891907	37.67	ng	99
32) Benzoic acid	10.21	122	26431	3.71	ng	92
33) 4-Chloroaniline	11.14	127	307175	26.53	ng	98
34) Hexachlorobutadiene	11.31	225	263621	33.99	ng	97
35) Caprolactam	11.91	113	112269	32.68	ng	93
36) 4-Chloro-3-methylphenol	12.26	107	440502	38.57	ng	96
37) 2-Methylnaphthalene	12.63	142	733787	39.21	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	471734	30.30	ng	100
40) Hexachlorocyclopentadiene	12.97	237	572983	63.94	ng	98

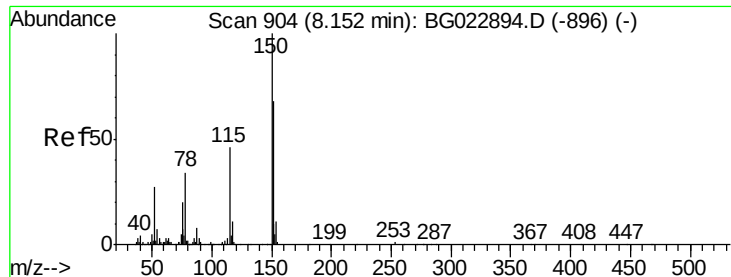
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023119.D
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 Operator : UM/SJ
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Quant Time: Jul 15 23:09:23 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	337075	37.67	ng	98
43) 2,4,5-Trichlorophenol	13.31	196	342102	37.23	ng	98
45) 1,1'-Biphenyl	13.63	154	1022130	37.71	ng	96
46) 2-Chloronaphthalene	13.68	162	852767	38.79	ng	95
47) 2-Nitroaniline	13.88	65	368729	39.30	ng	98
48) Acenaphthylene	14.52	152	1265939	38.38	ng	100
49) Dimethylphthalate	14.25	163	1786921	60.56	ng	# 96
50) 2,6-Dinitrotoluene	14.38	165	256043	38.61	ng	84
51) Acenaphthene	14.86	154	817791	37.94	ng	98
52) 3-Nitroaniline	14.71	138	207782	31.42	ng	93
53) 2,4-Dinitrophenol	14.91	184	205589	45.18	ng	95
54) Dibenzofuran	15.20	168	1341490	41.58	ng	100
55) 4-Nitrophenol	15.02	139	375710	67.78	ng	95
56) 2,4-Dinitrotoluene	15.16	165	362287	37.47	ng	98
57) Fluorene	15.85	166	1069339	38.51	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	345644	37.60	ng	97
59) Diethylphthalate	15.60	149	1167375	38.88	ng	99
60) 4-Chlorophenyl-phenylether	15.83	204	618592	36.58	ng	97
61) 4-Nitroaniline	15.87	138	243685	34.06	ng	# 86
62) Azobenzene	16.13	77	1305765	45.47	ng	94
64) 4,6-Dinitro-2-methylphenol	15.92	198	203844	32.65	ng	89
65) n-Nitrosodiphenylamine	16.05	169	988179	40.83	ng	98
66) 4-Bromophenyl-phenylether	16.73	248	413563	37.84	ng	97
67) Hexachlorobenzene	16.86	284	421140	35.44	ng	99
68) Atrazine	17.00	200	412802	38.46	ng	96
69) Pentachlorophenol	17.20	266	493307	64.11	ng	98
70) Phenanthrene	17.60	178	1665466	40.46	ng	99
71) Anthracene	17.68	178	1695199	40.67	ng	99
72) Carbazole	17.96	167	1481887	41.14	ng	97
73) Di-n-butylphthalate	18.50	149	1776248	44.35	ng	99
74) Fluoranthene	19.60	202	1935567	38.32	ng	99
76) Benzidine	19.78	184	966678	37.57	ng	100
77) Pyrene	19.96	202	1951821	38.70	ng	99
79) Butylbenzylphthalate	20.83	149	872121	43.65	ng	99
80) Benzo(a)anthracene	21.84	228	2025412	40.33	ng	98
81) 3,3'-Dichlorobenzidine	21.75	252	644541	29.24	ng	97
82) Chrysene	21.91	228	1910570	40.56	ng	98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1191764	42.96	ng	98
84) Di-n-octyl phthalate	22.98	149	2004799	43.33	ng	99
85) Indeno(1,2,3-cd)pyrene	29.09	276	2176029	36.23	ng	# 100
87) Benzo(b)fluoranthene	24.15	252	2120344	40.20	ng	97
88) Benzo(k)fluoranthene	24.23	252	2023813	40.43	ng	# 98
89) Benzo(a)pyrene	25.07	252	2055766	40.66	ng	# 98
90) Dibenzo(a,h)anthracene	29.15	278	1827488	36.42	ng	# 94
91) Benzo(g,h,i)perylene	30.30	276	1783095	35.48	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

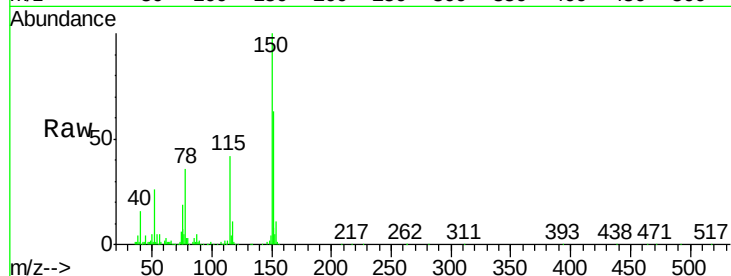
Tgt Ion:152 Resp: 95069

Ion Ratio Lower Upper

152 100

150 159.3 144.7 217.1

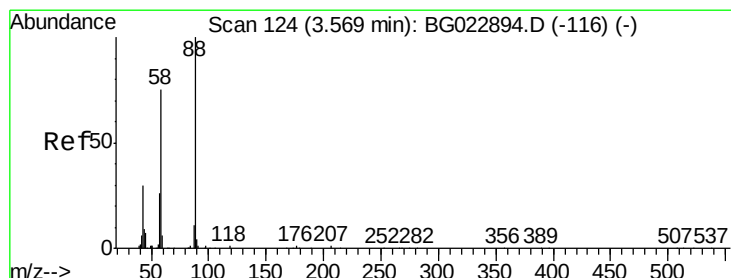
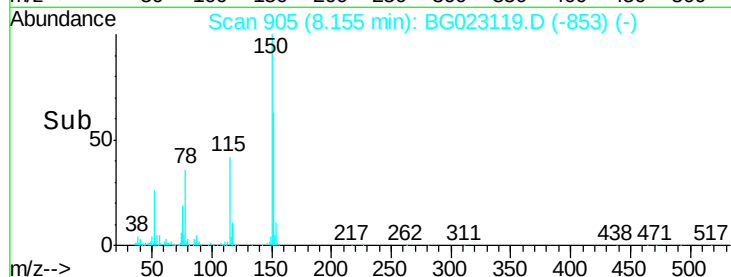
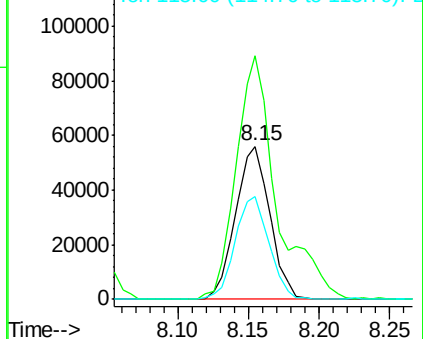
115 67.3 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.49 ng

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

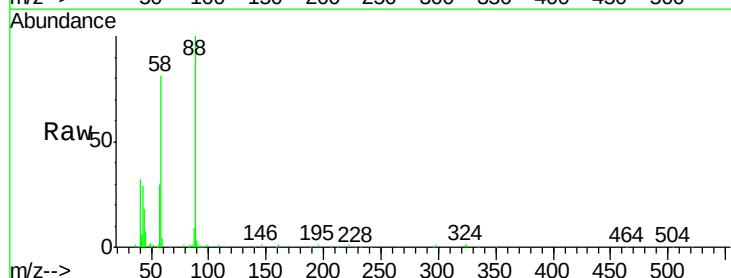
Tgt Ion: 88 Resp: 73403

Ion Ratio Lower Upper

88 100

58 78.6 60.4 90.6

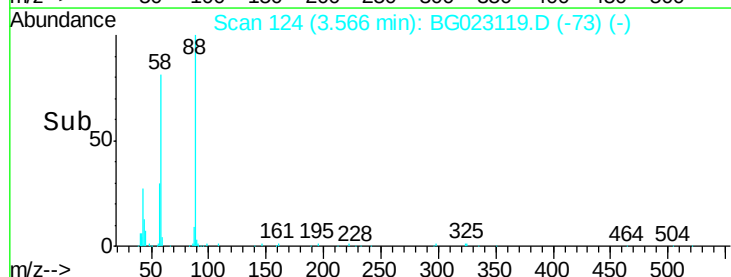
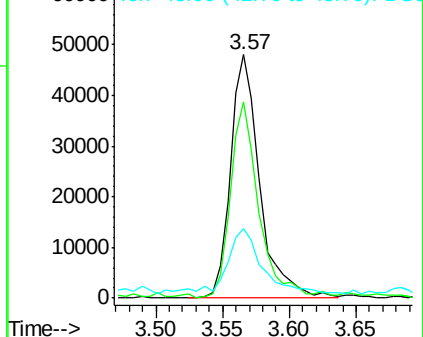
43 31.5 31.1 46.7

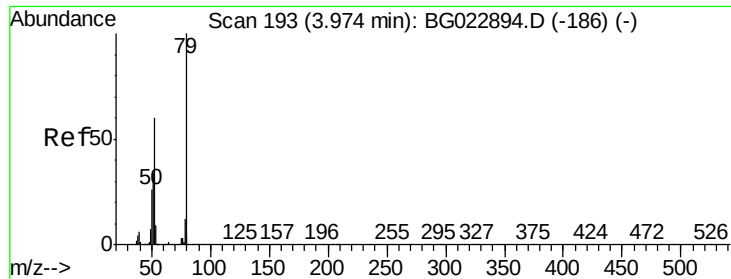


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 22.71 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

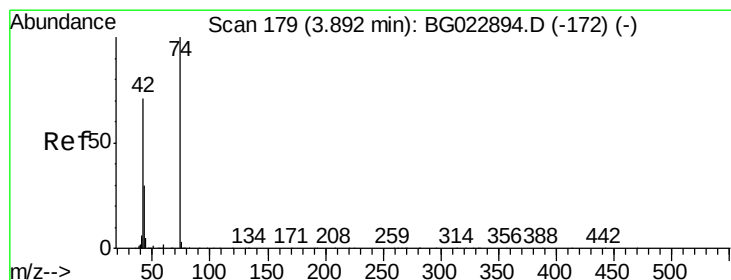
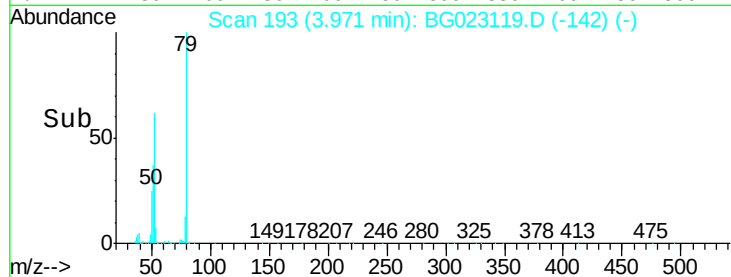
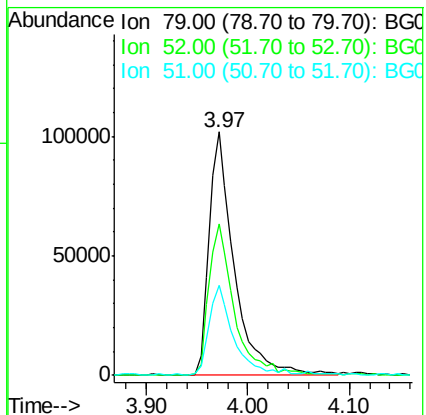
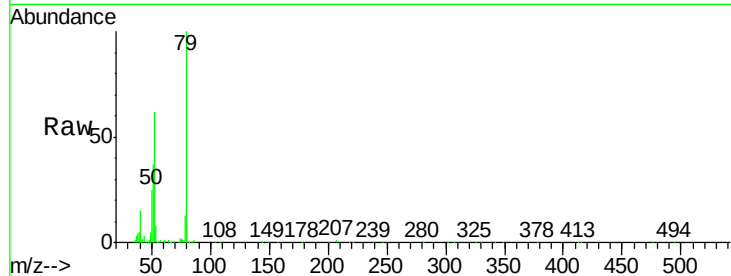
Tgt Ion: 79 Resp: 175612

Ion Ratio Lower Upper

79 100

52 62.4 51.8 77.8

51 37.0 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 37.83 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

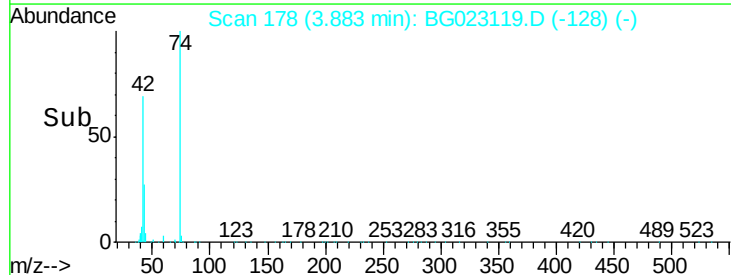
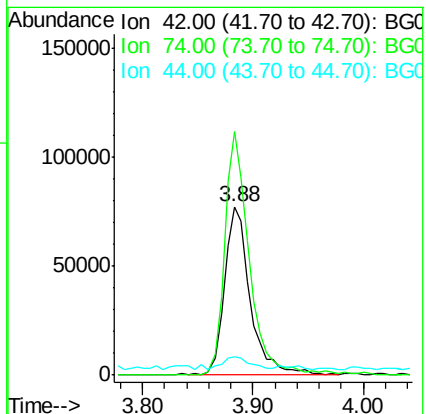
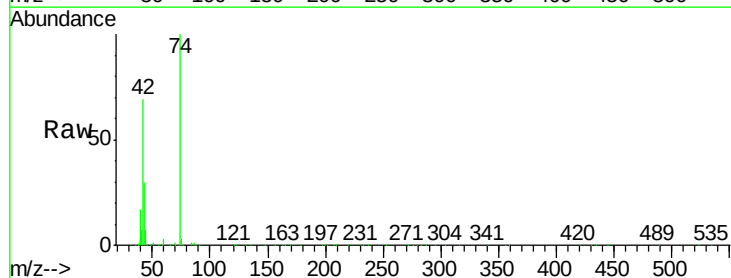
Tgt Ion: 42 Resp: 125467

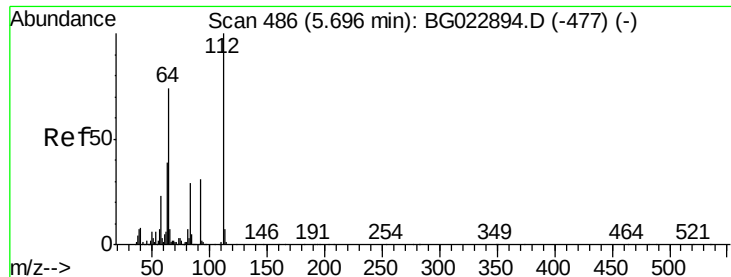
Ion Ratio Lower Upper

42 100

74 144.7 100.6 150.8

44 10.7 4.5 6.7#





#5

2-Fluorophenol

Concen: 130.41 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

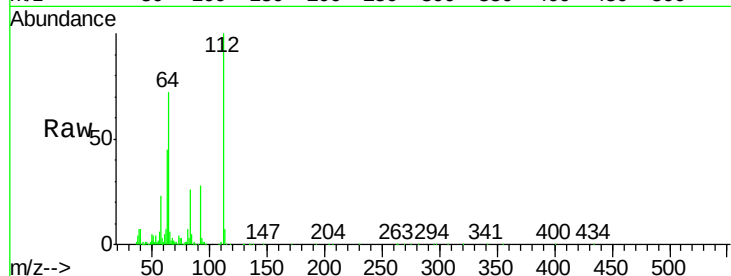
Tgt Ion: 112 Resp: 758078

Ion Ratio Lower Upper

112 100

64 72.3 59.0 88.4

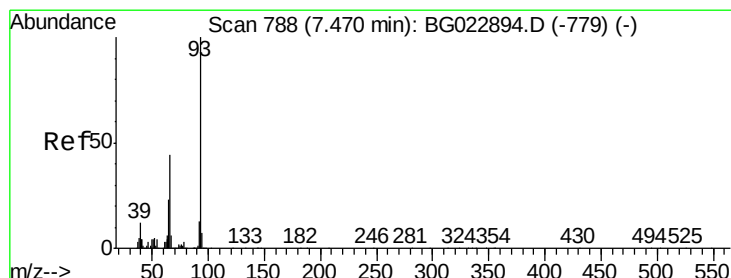
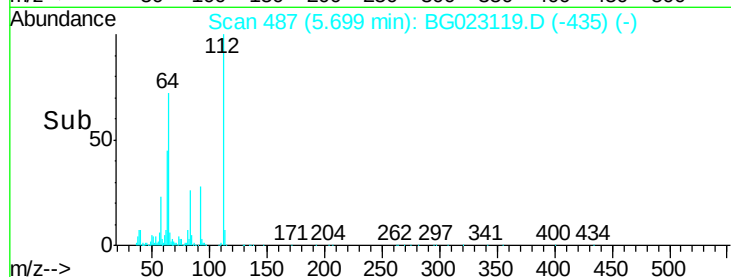
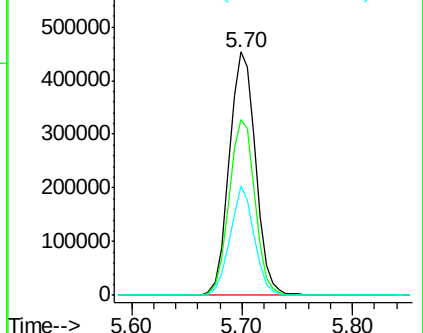
63 44.9 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.88 ng

RT: 7.47 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

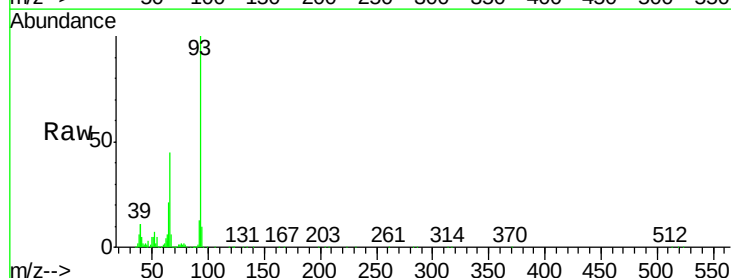
Tgt Ion: 93 Resp: 389588

Ion Ratio Lower Upper

93 100

66 45.0 37.5 56.3

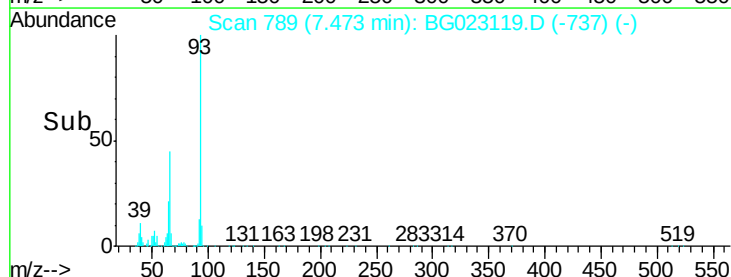
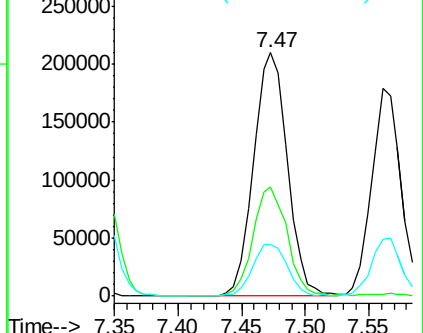
65 21.3 17.9 26.9

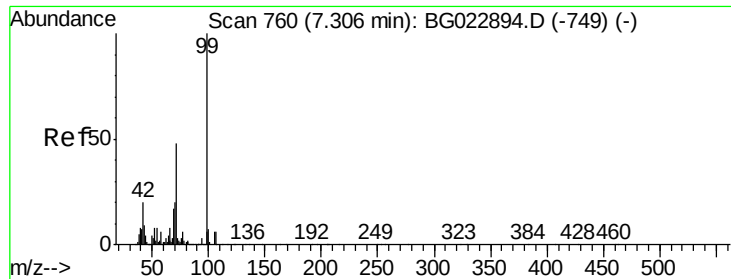


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.56 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

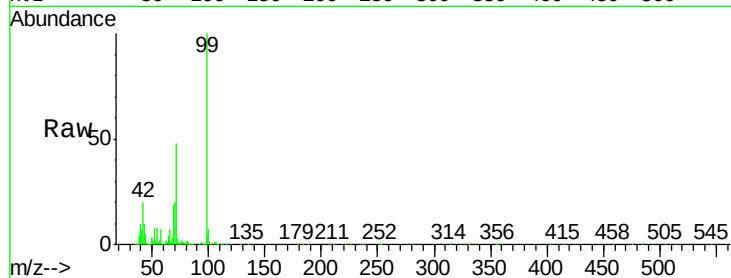
Tgt Ion: 99 Resp: 1234145

Ion Ratio Lower Upper

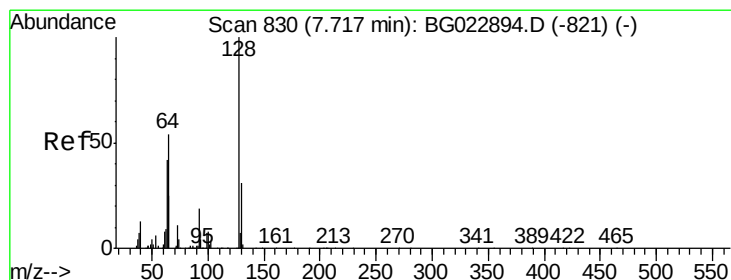
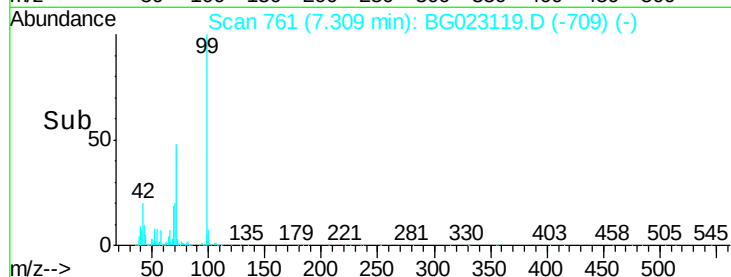
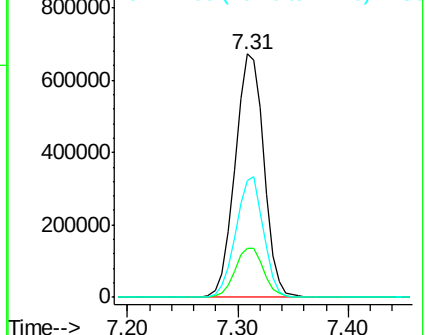
99 100

42 19.9 17.8 26.6

71 48.1 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: 44.01 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

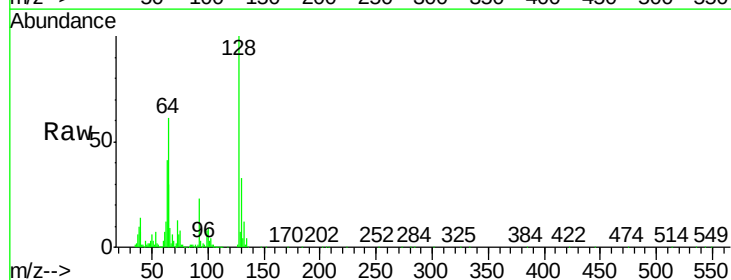
Tgt Ion: 128 Resp: 272234

Ion Ratio Lower Upper

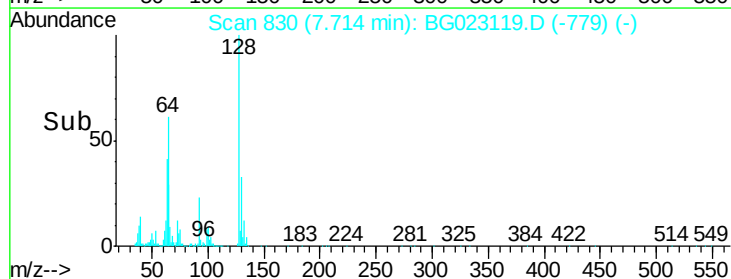
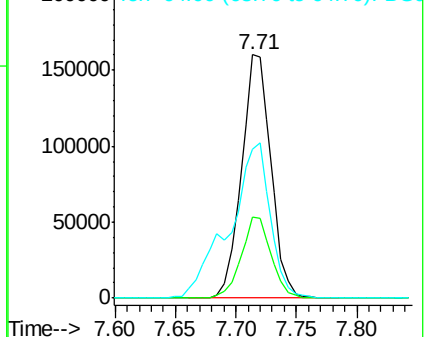
128 100

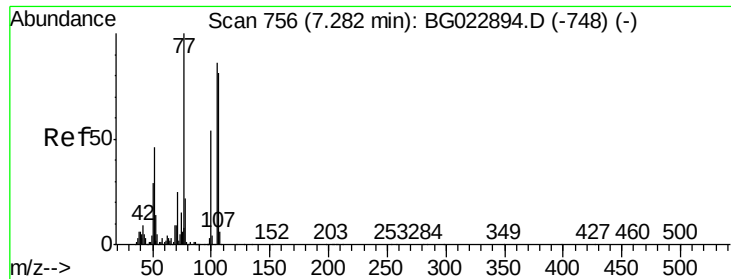
130 33.2 12.9 52.9

64 61.4 42.0 82.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 22.12 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

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ClientSampleId :

C5-9MSD

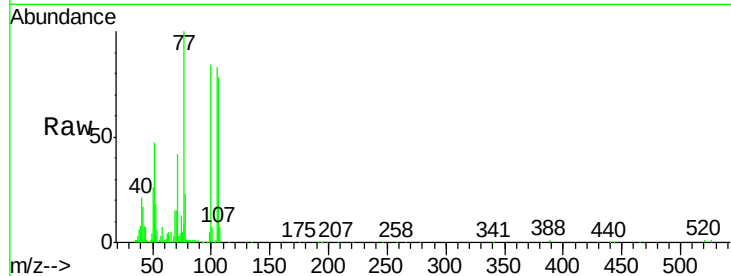
Tgt Ion: 77 Resp: 134551

Ion Ratio Lower Upper

77 100

105 83.5 58.7 98.7

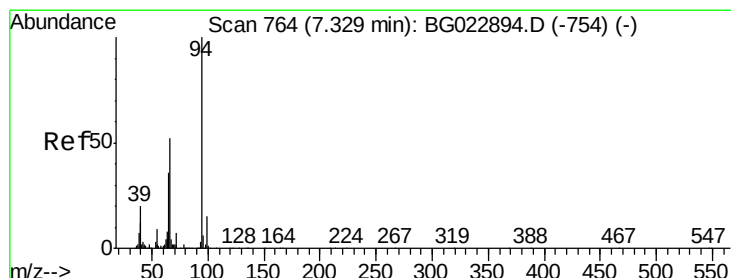
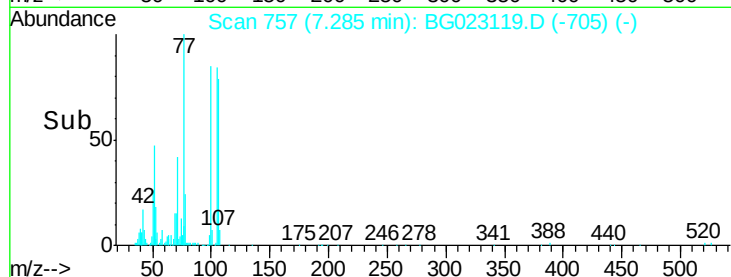
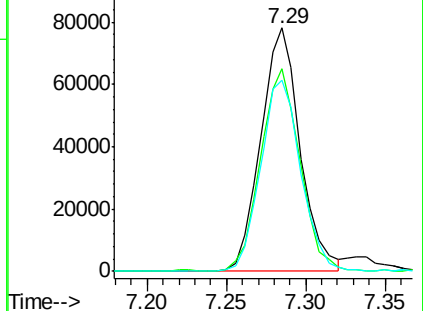
106 78.5 67.5 107.5



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: 47.55 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

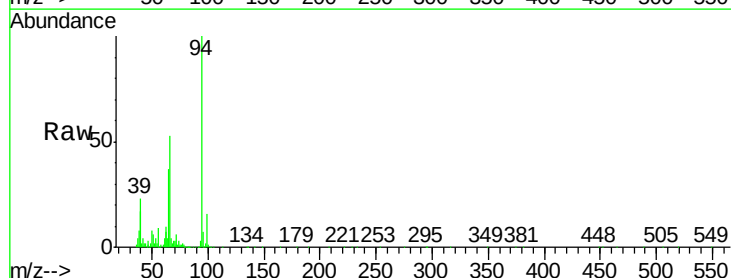
Tgt Ion: 94 Resp: 445371

Ion Ratio Lower Upper

94 100

65 37.5 18.1 58.1

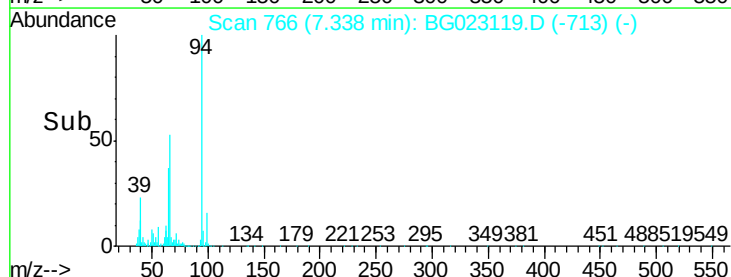
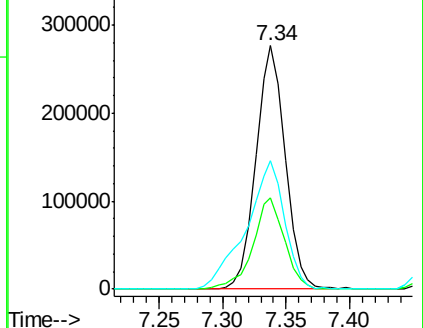
66 52.9 42.1 82.1

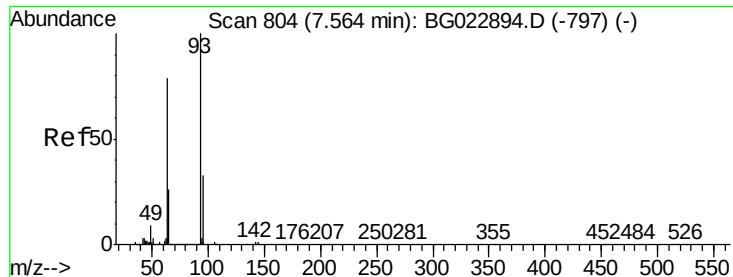


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

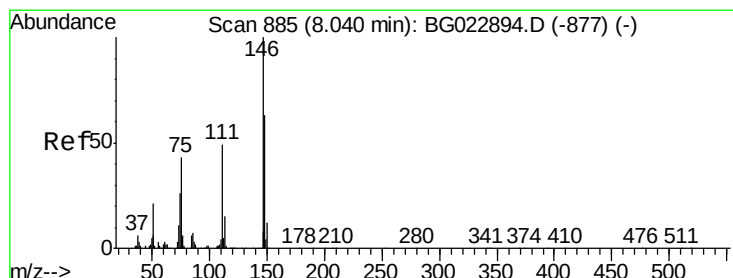
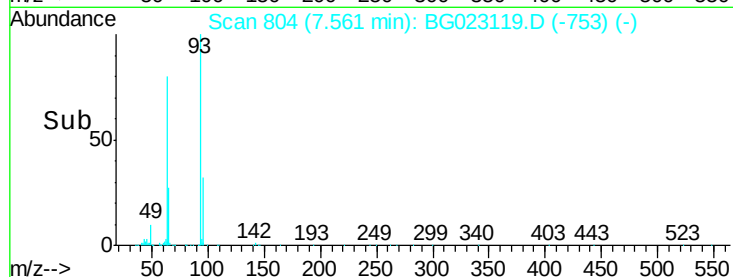
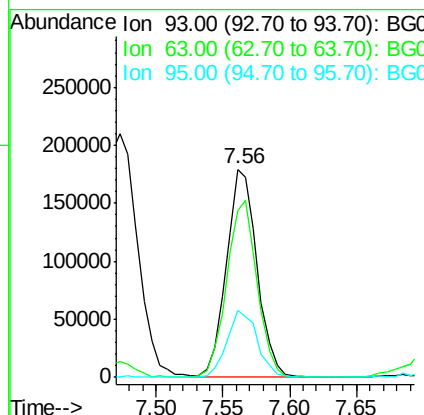
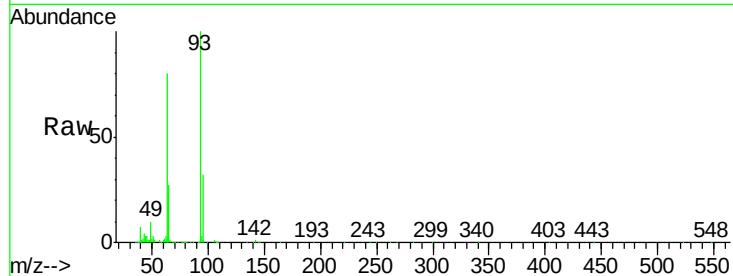




#11
bis(2-Chloroethyl)ether
Concen: 38.82 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

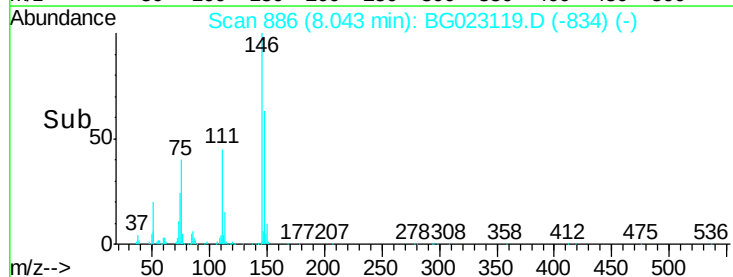
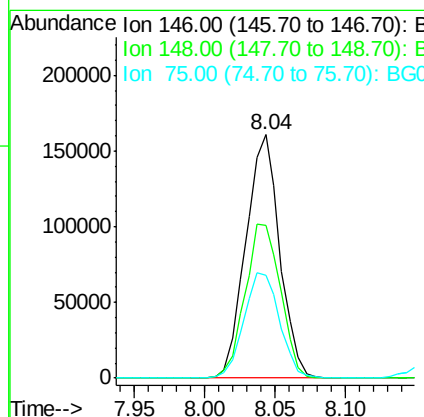
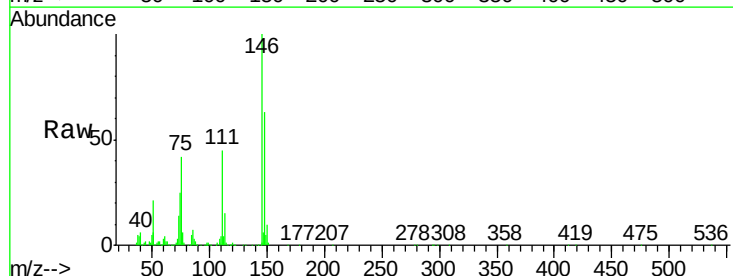
Instrument :
BNA_G
ClientSampleId :
C5-9MSD

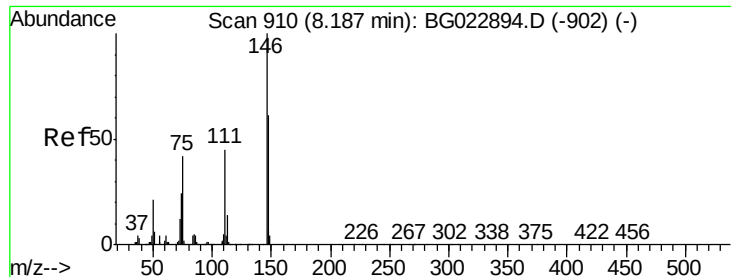
Tgt Ion:	93	Resp:	288211
Ion	Ratio	Lower	Upper
93	100		
63	80.1	55.0	95.0
95	32.3	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 35.69 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

Tgt Ion:	146	Resp:	270237
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
75	42.0	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 36.76 ng

RT: 8.19 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

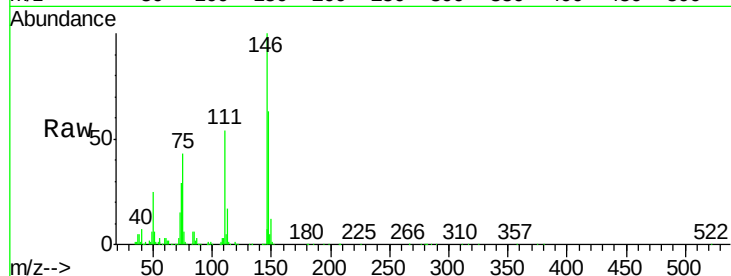
Tgt Ion:146 Resp: 278652

Ion Ratio Lower Upper

146 100

148 62.8 54.5 81.7

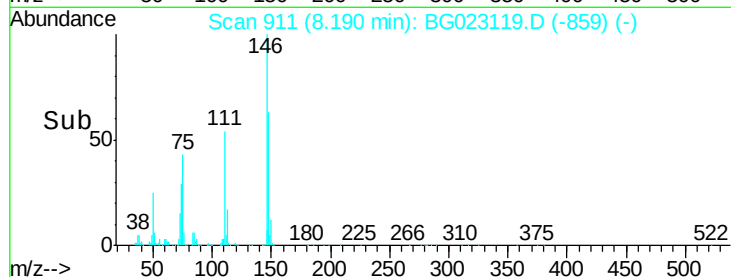
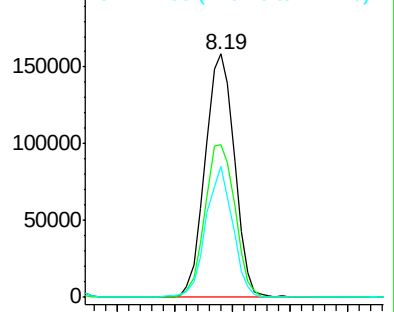
111 53.7 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.13 ng

RT: 8.51 min Scan# 965

Delta R.T. -0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

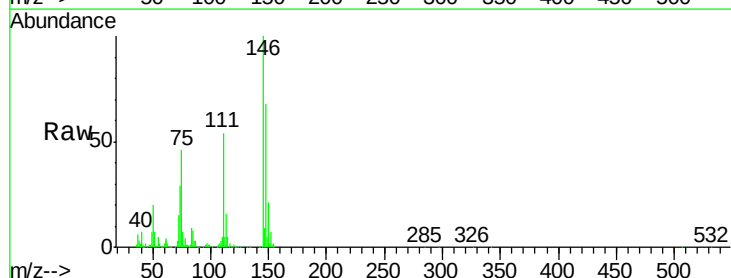
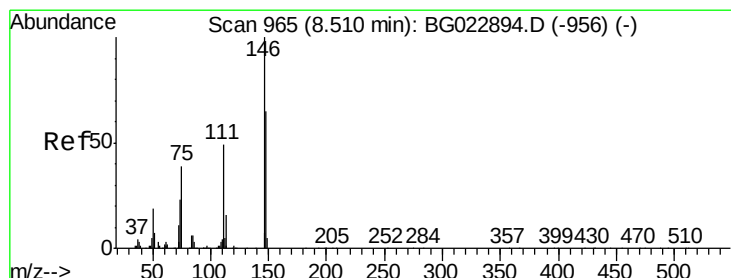
Tgt Ion:146 Resp: 272254

Ion Ratio Lower Upper

146 100

148 68.5 52.9 79.3

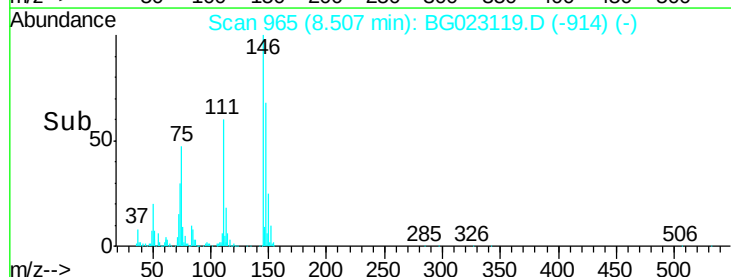
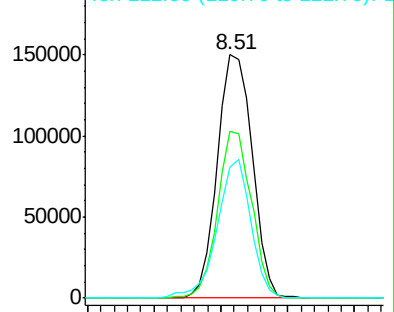
111 54.1 43.5 65.3

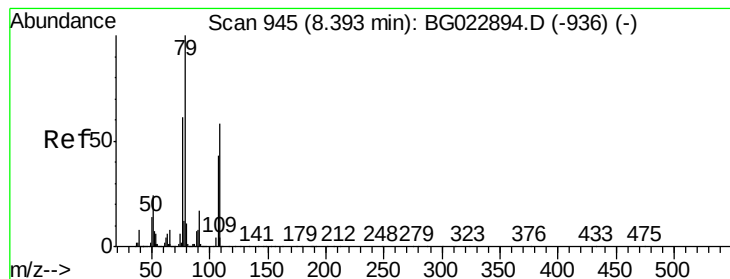


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.26 ng

RT: 8.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampled :

C5-9MSD

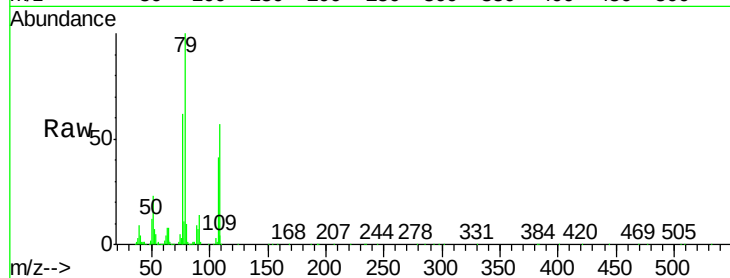
Tgt Ion: 79 Resp: 377384

Ion Ratio Lower Upper

79 100

108 57.5 46.5 69.7

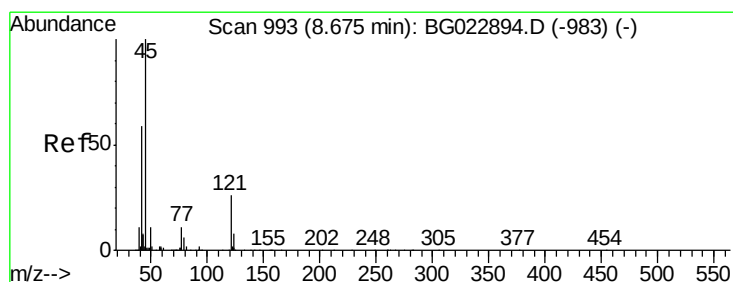
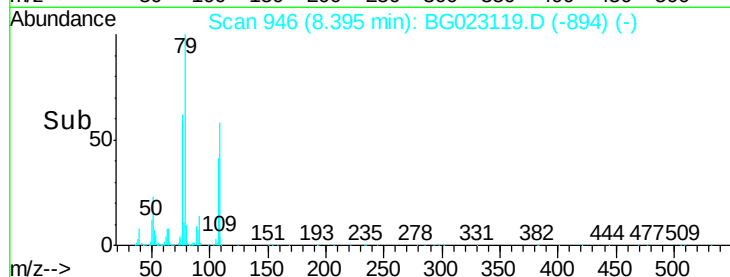
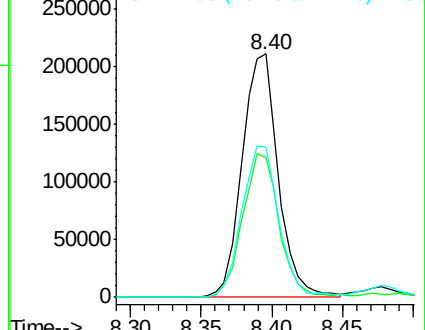
77 61.7 52.3 78.5



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: 39.73 ng

RT: 8.68 min Scan# 995

Delta R.T. 0.01 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

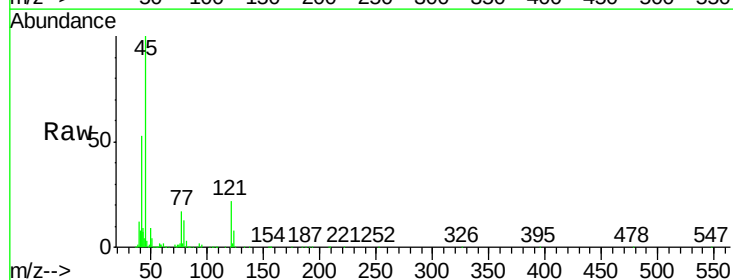
Tgt Ion: 45 Resp: 360305

Ion Ratio Lower Upper

45 100

77 16.8 0.6 40.6

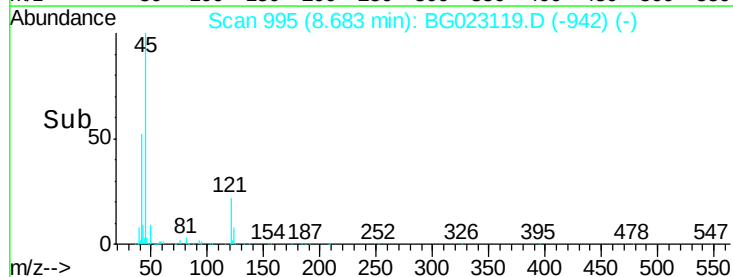
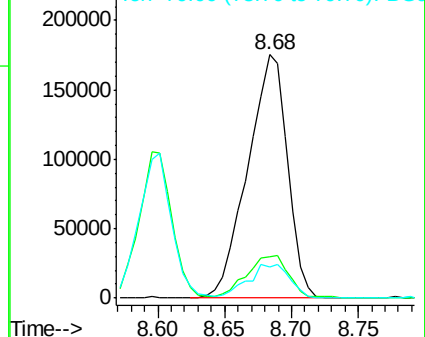
79 12.9 0.0 36.2

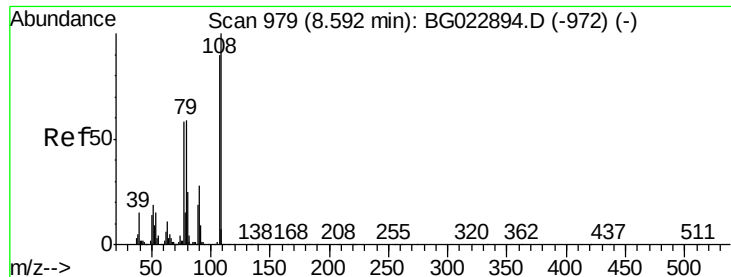


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 45.31 ng

RT: 8.60 min Scan# 981

Delta R.T. 0.01 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

Tgt Ion:107 Resp: 276320

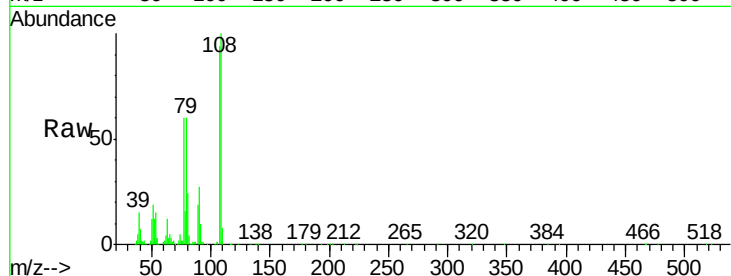
Ion Ratio Lower Upper

107 100

108 106.3 92.0 138.0

77 64.0 55.8 83.6

79 64.0 55.0 82.6

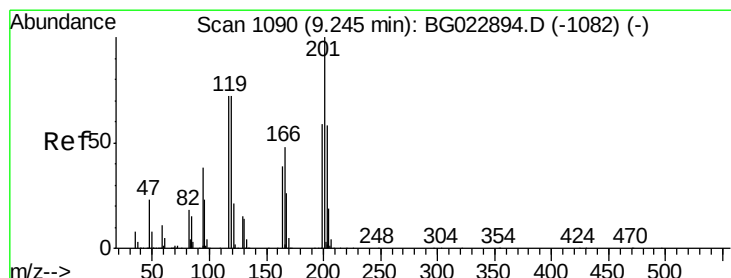
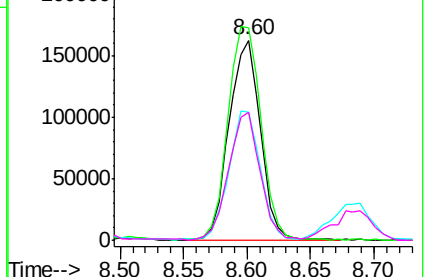
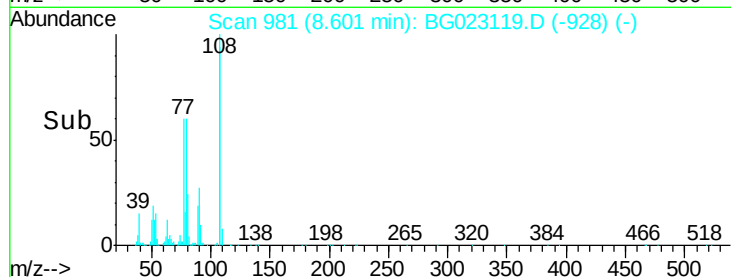


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.19 ng

RT: 9.24 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

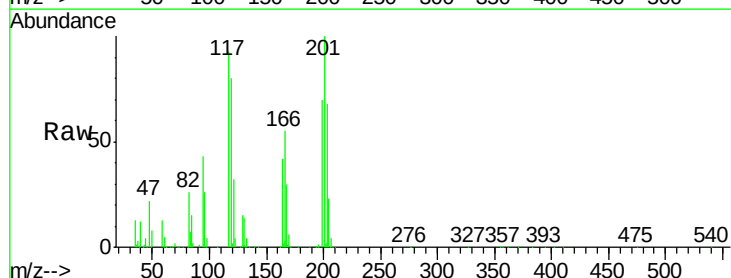
Tgt Ion:117 Resp: 119000

Ion Ratio Lower Upper

117 100

119 85.5 73.7 110.5

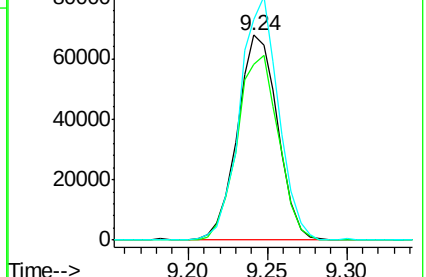
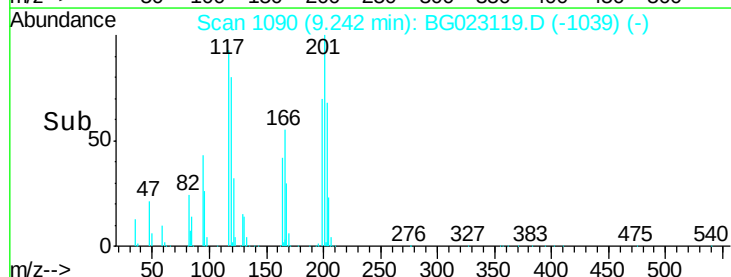
201 107.4 88.7 133.1

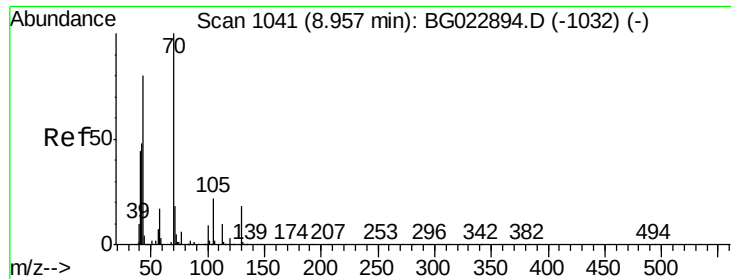


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

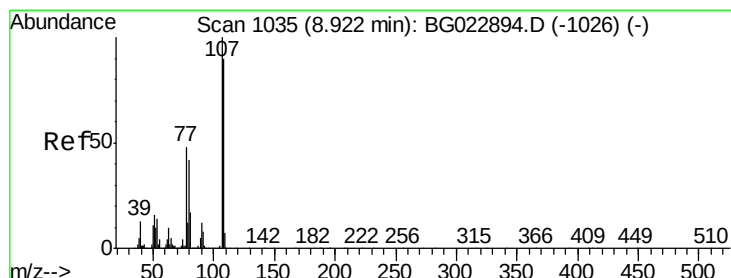
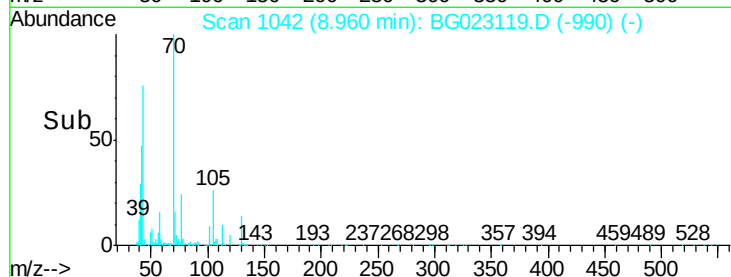
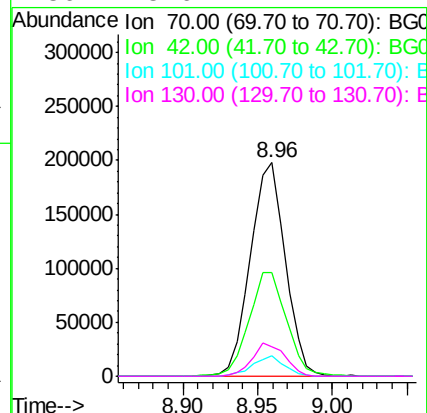
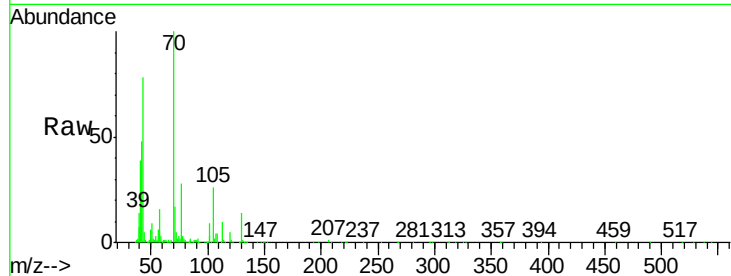




#19
n-Nitroso-di-n-propylamine
Concen: 38.92 ng
RT: 8.96 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

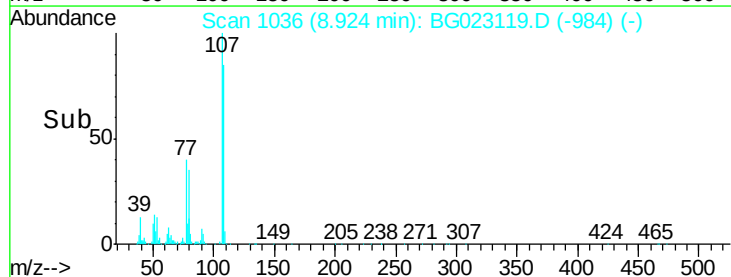
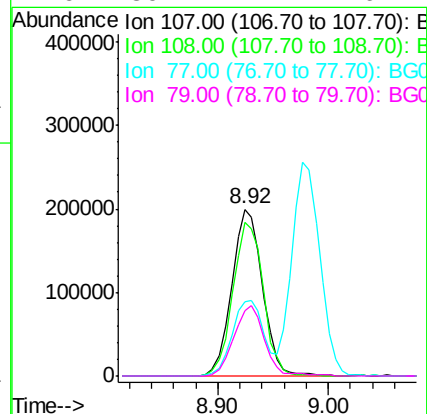
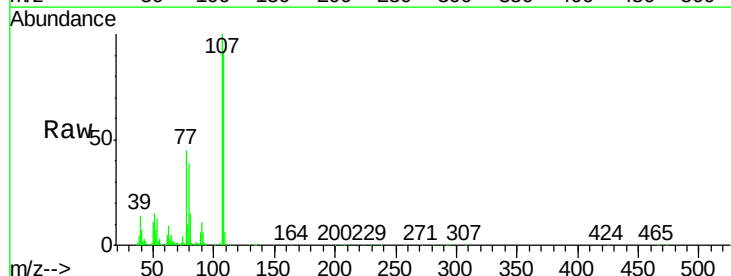
Instrument :
BNA_G
ClientSampleId :
C5-9MSD

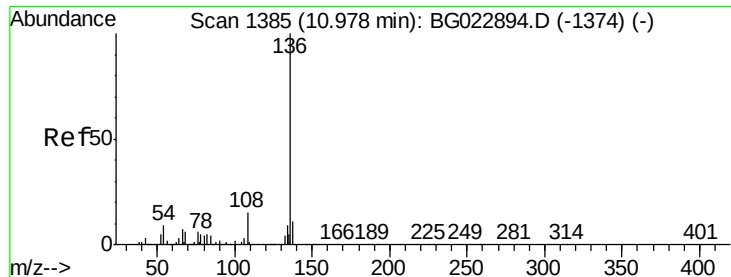
Tgt Ion:	70	Resp:	319404
Ion	Ratio	Lower	Upper
70	100		
42	48.3	42.1	63.1
101	9.4	7.2	10.8
130	13.6	14.2	21.2#



#20
3+4-Methylphenols
Concen: 45.61 ng
RT: 8.92 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

Tgt Ion:	107	Resp:	387886
Ion	Ratio	Lower	Upper
107	100		
108	91.8	72.5	112.5
77	44.6	30.1	70.1
79	39.2	24.2	64.2

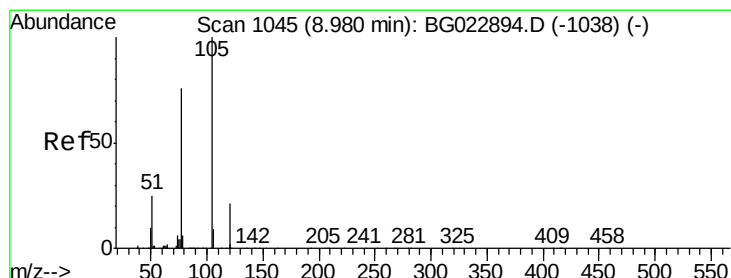
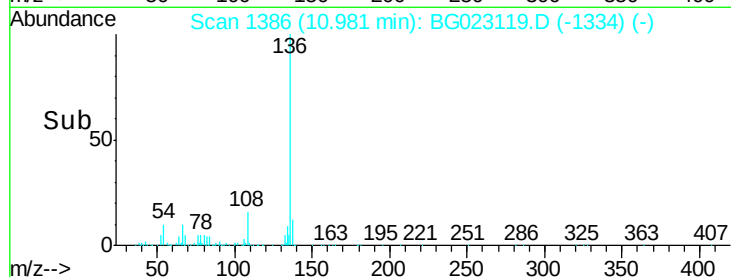
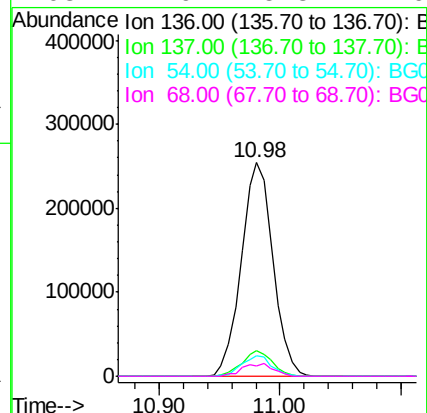
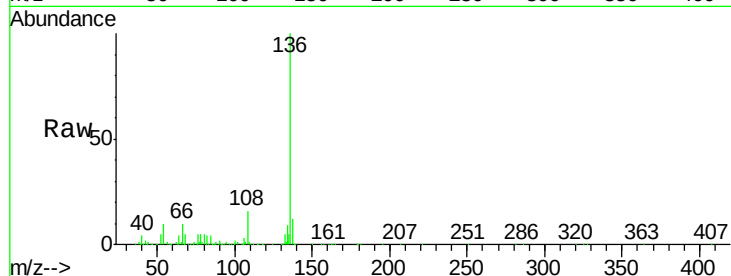




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

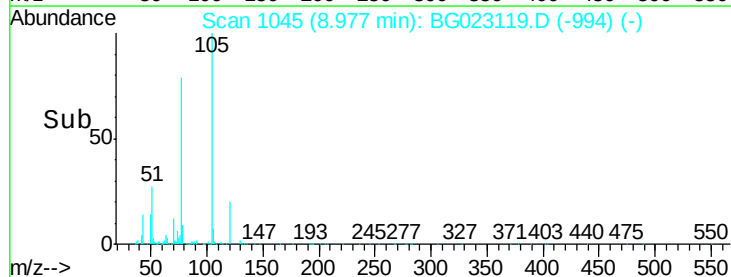
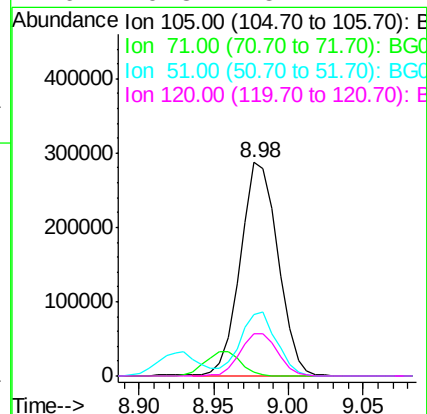
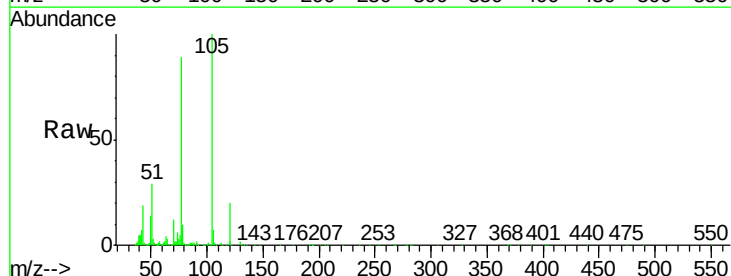
Instrument :
BNA_G
ClientSampleId :
C5-9MSD

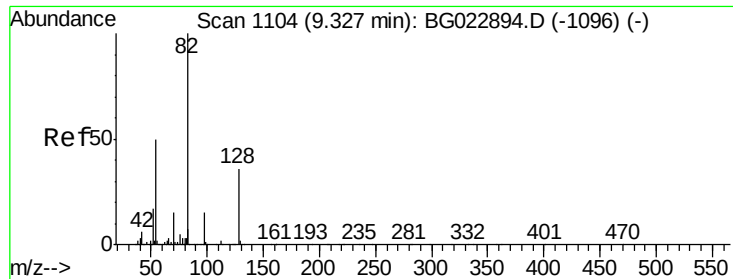
Tgt Ion:	136	Resp:	465122
Ion Ratio		Lower	Upper
136	100		
137	11.9	9.6	14.4
54	9.6	7.3	10.9
68	4.9	5.3	7.9#



#22
Acetophenone
Concen: 35.98 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

Tgt Ion:	105	Resp:	502227
Ion Ratio		Lower	Upper
105	100		
71	2.0	2.6	3.8#
51	28.7	27.1	40.7
120	19.8	15.1	22.7

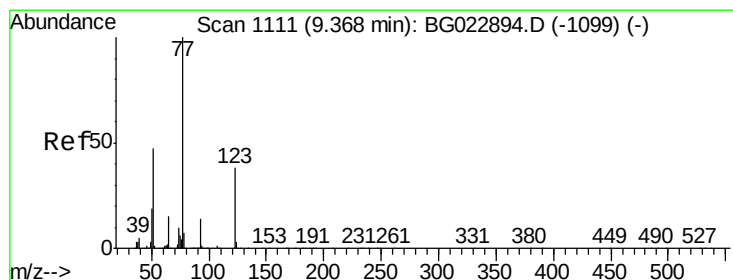
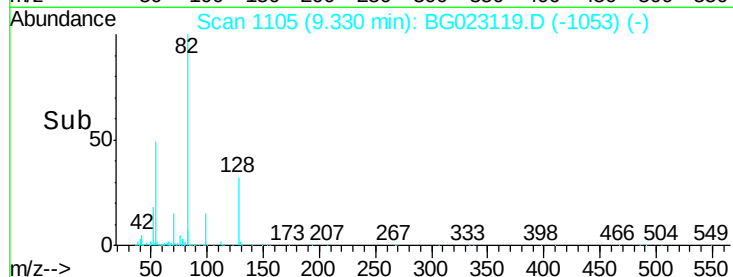
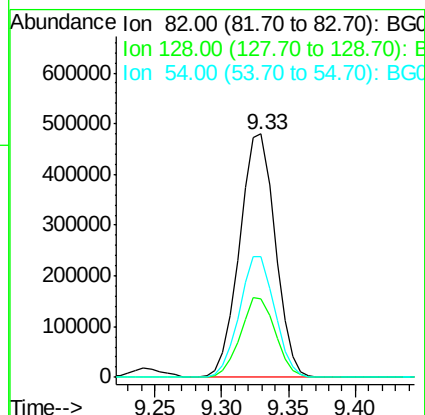
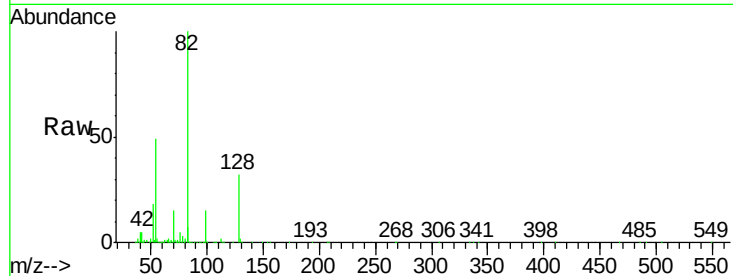




#23
 Nitrobenzene-d5
 Concen: 81.69 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

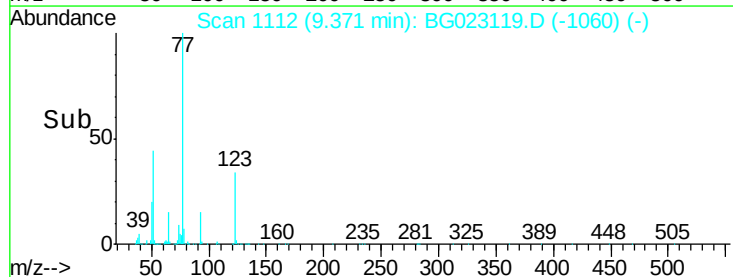
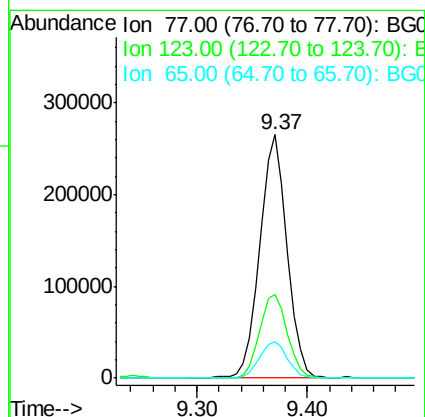
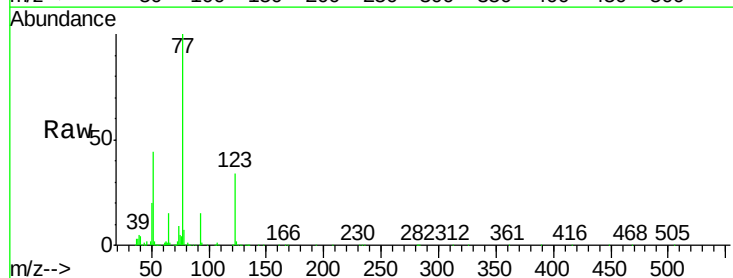
Instrument :
 BNA_G
 ClientSampleId :
 C5-9MSD

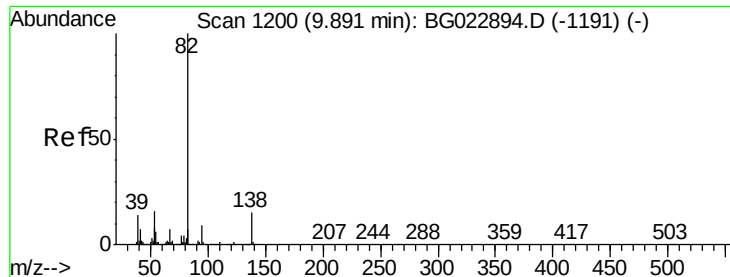
Tgt Ion: 82 Resp: 887383
 Ion Ratio Lower Upper
 82 100
 128 32.1 24.4 36.6
 54 49.4 41.4 62.0



#24
 Nitrobenzene
 Concen: 39.78 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

Tgt Ion: 77 Resp: 459140
 Ion Ratio Lower Upper
 77 100
 123 34.3 25.0 37.6
 65 14.9 13.4 20.0





#25

Isophorone

Concen: 37.82 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

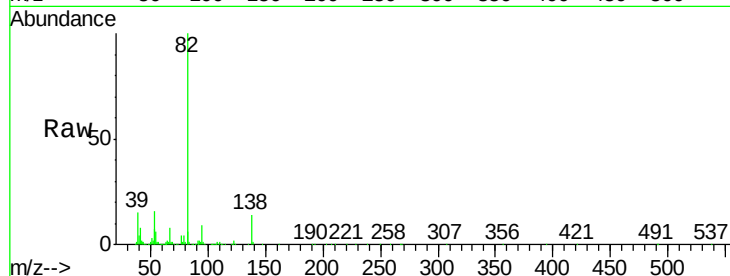
Tgt Ion: 82 Resp: 826340

Ion Ratio Lower Upper

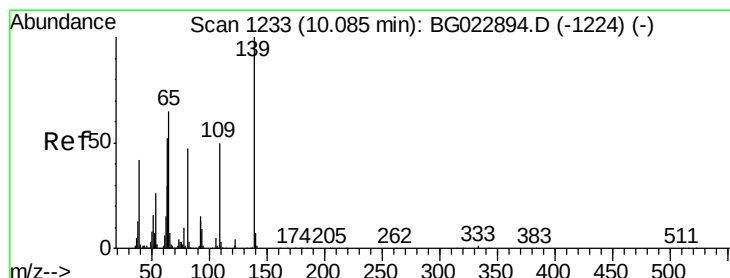
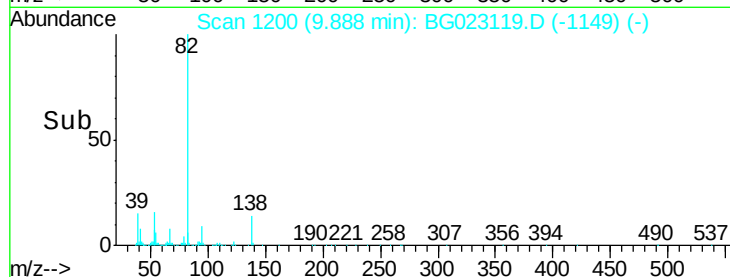
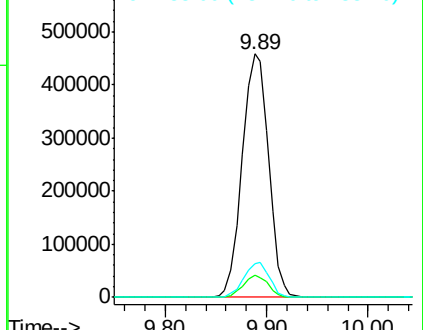
82 100

95 9.3 8.2 12.2

138 13.9 10.7 16.1



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



#26

2-Nitrophenol

Concen: 39.04 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

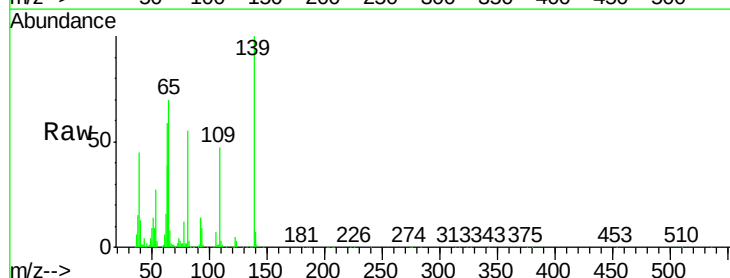
Tgt Ion: 139 Resp: 176834

Ion Ratio Lower Upper

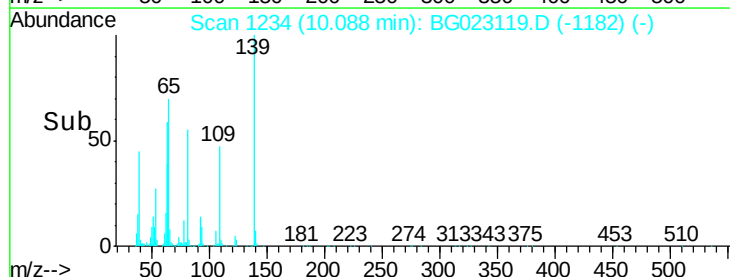
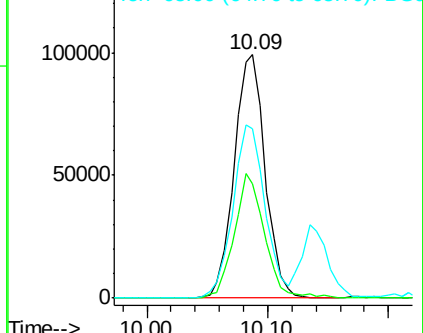
139 100

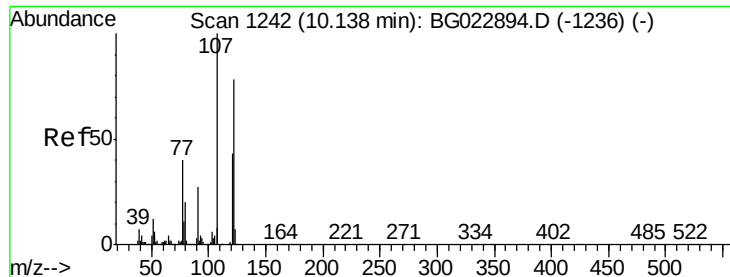
109 47.0 43.5 65.3

65 69.7 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

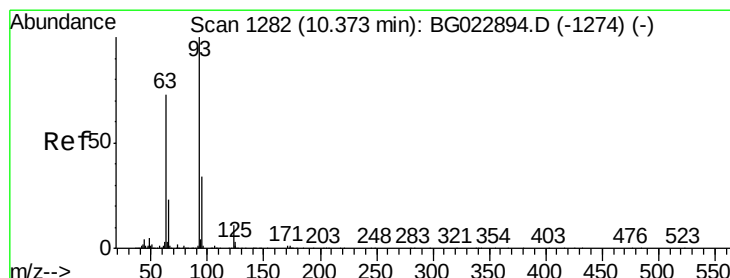
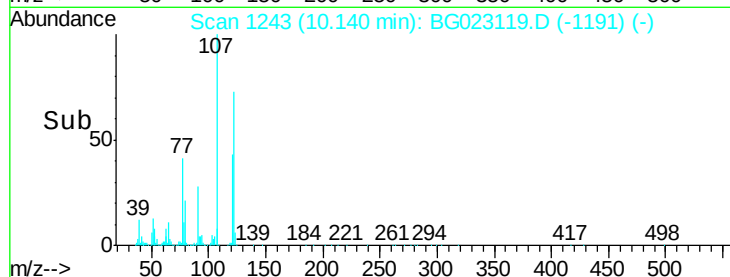
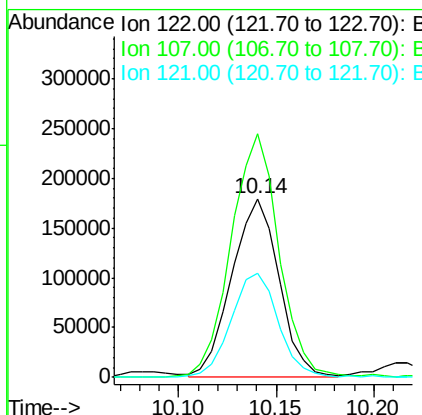
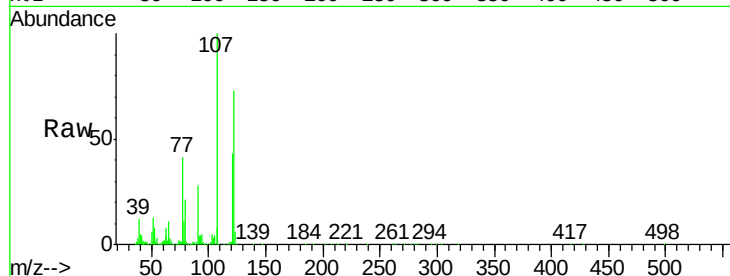




#27
 2,4-Dimethylphenol
 Concen: 38.24 ng
 RT: 10.14 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

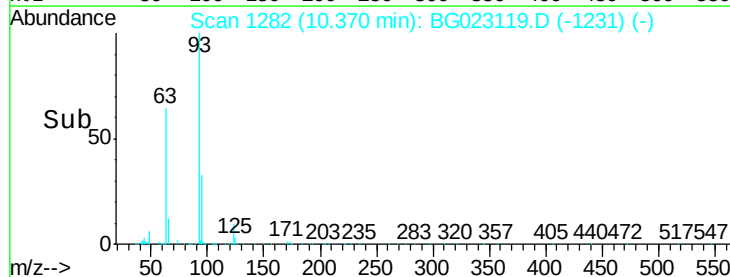
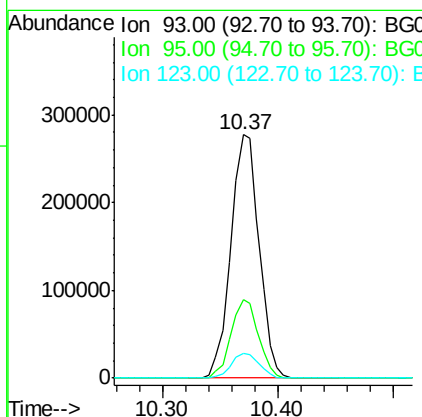
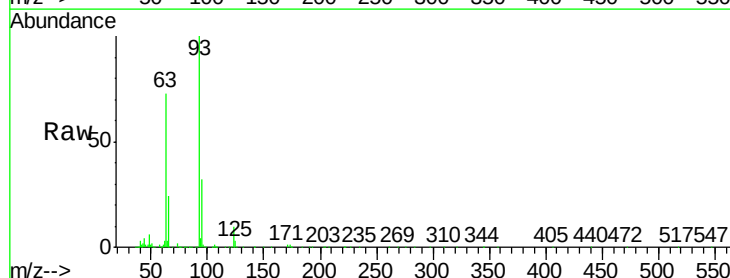
Instrument :
 BNA_G
 ClientSampleId :
 C5-9MSD

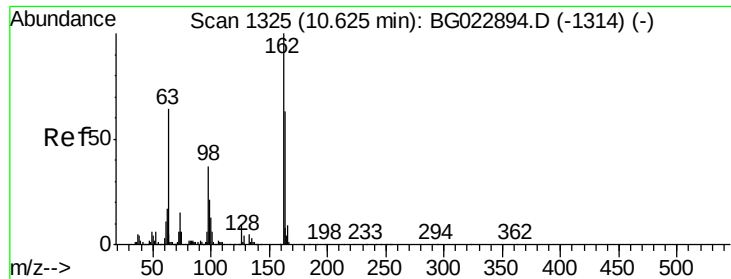
Tgt Ion	Ratio	Lower	Upper
122	100		
107	136.5	117.0	175.4
121	58.2	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.47 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.4	38.2
123	10.2	8.2	12.2

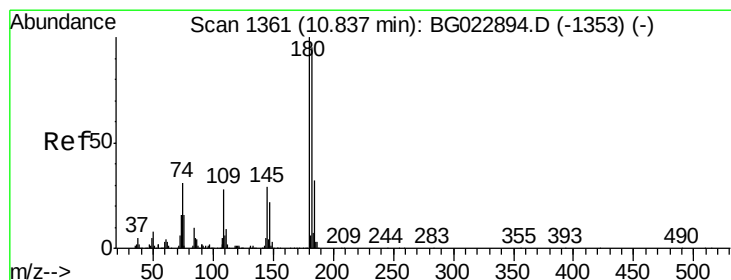
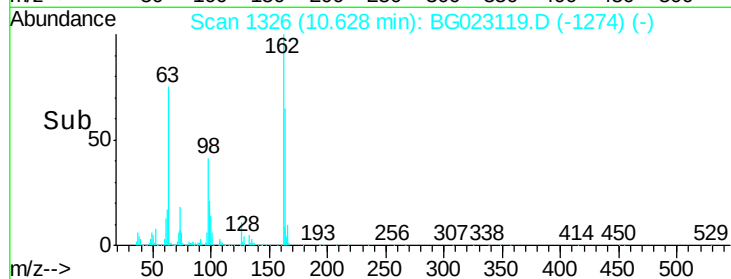
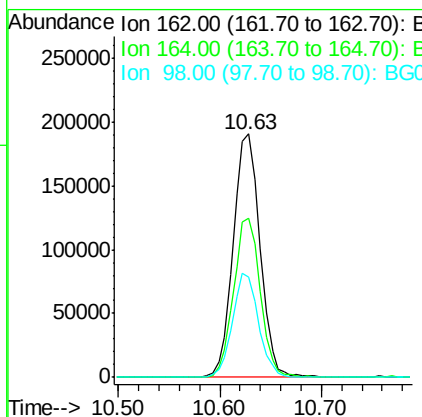
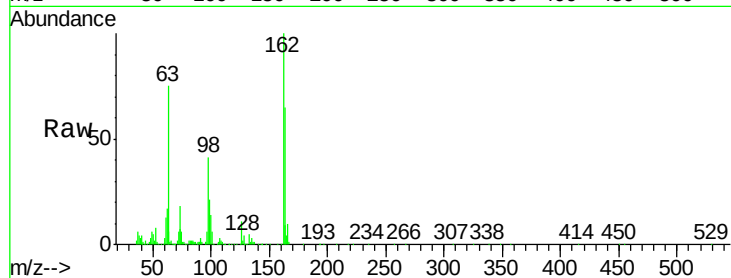




#29
2,4-Dichlorophenol
Concen: 42.08 ng
RT: 10.63 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

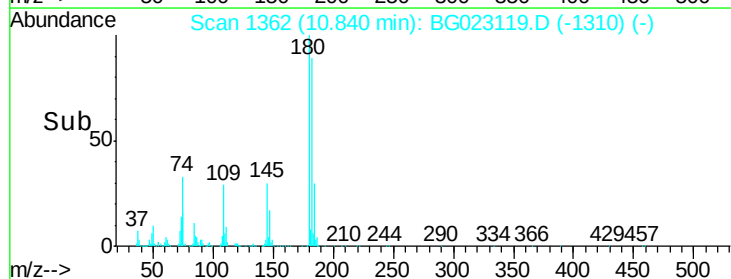
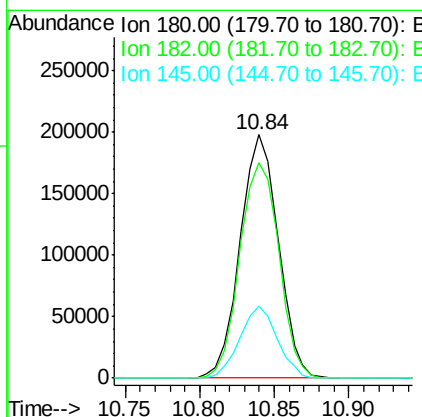
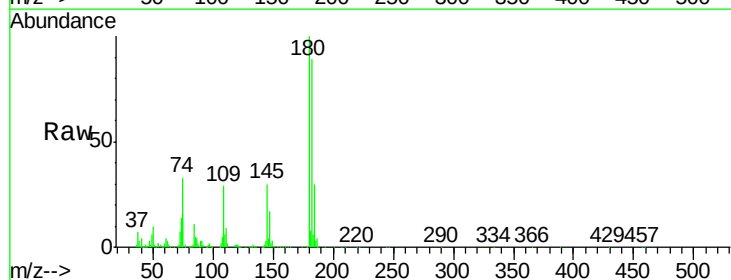
Instrument :
BNA_G
ClientSampleId :
C5-9MSD

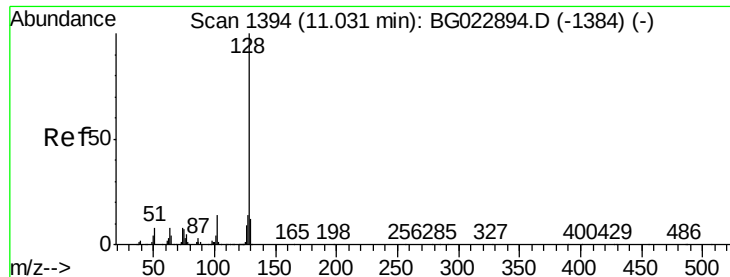
Tgt Ion:162 Resp: 351346
Ion Ratio Lower Upper
162 100
164 65.2 44.3 84.3
98 41.3 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 36.72 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

Tgt Ion:180 Resp: 351357
Ion Ratio Lower Upper
180 100
182 88.8 73.8 110.8
145 29.8 24.4 36.6

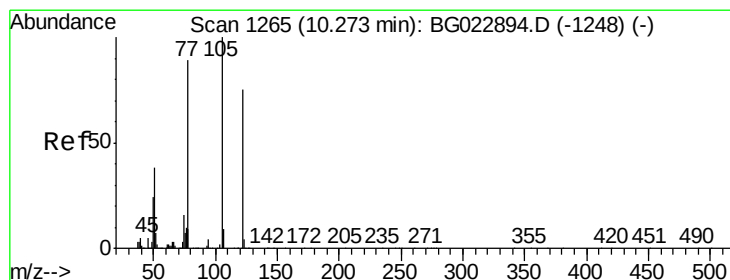
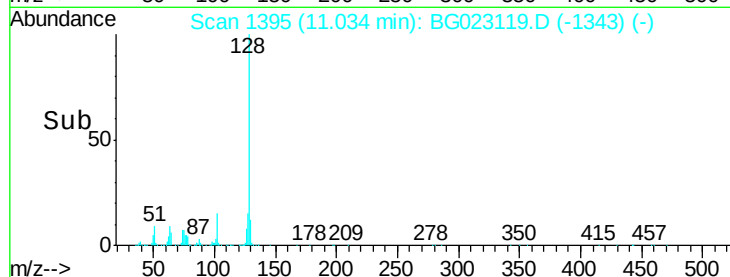
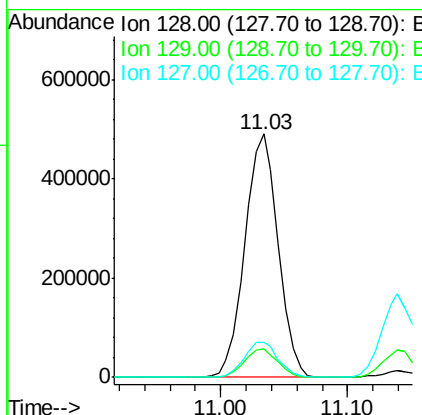
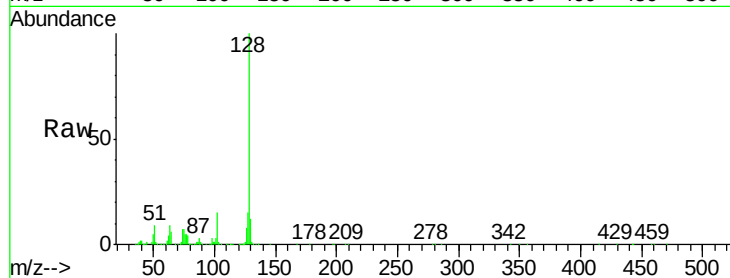




#31
Naphthalene
Concen: 37.67 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

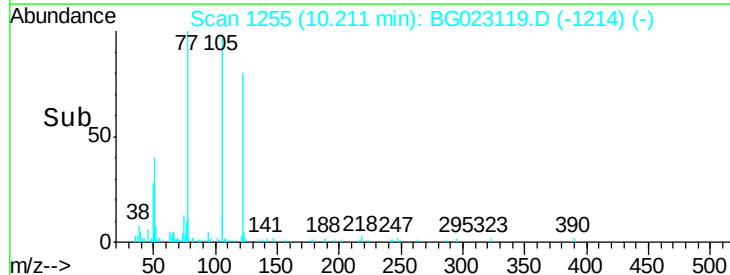
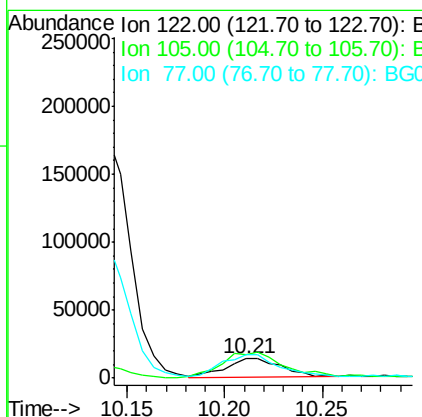
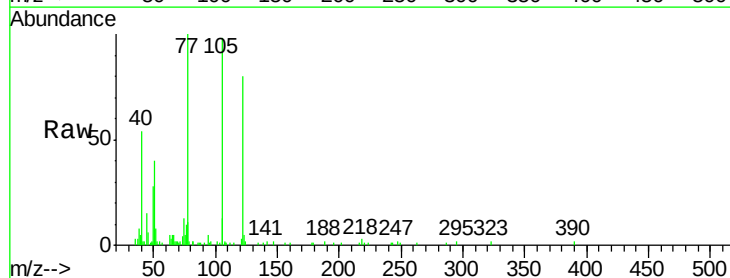
Instrument :
BNA_G
ClientSampleId :
C5-9MSD

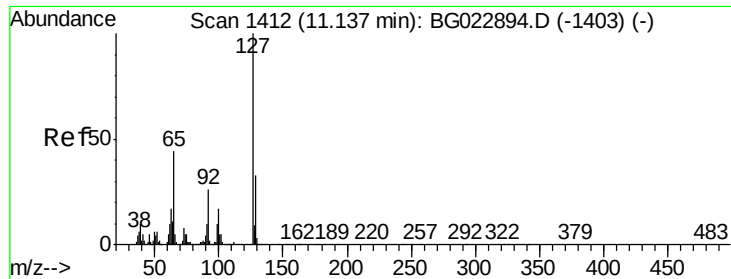
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	14.6	11.3	16.9



#32
Benzoic acid
Concen: 3.71 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.06 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.1	117.2	157.2
77	124.6	109.2	149.2

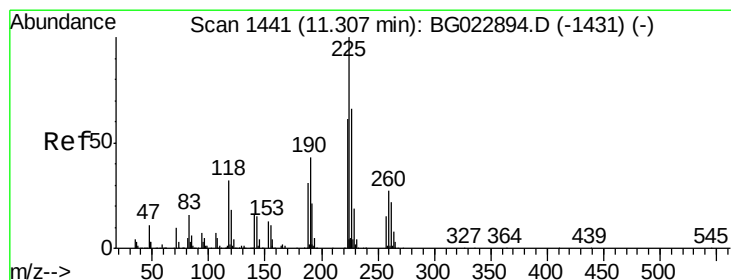
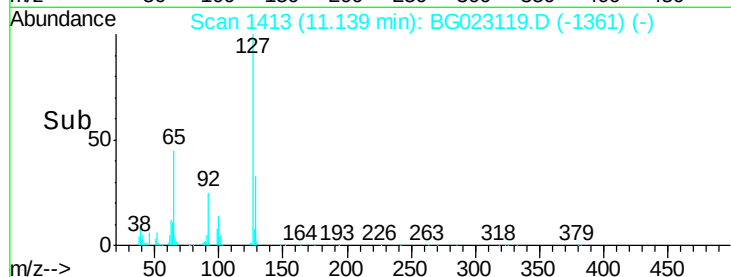
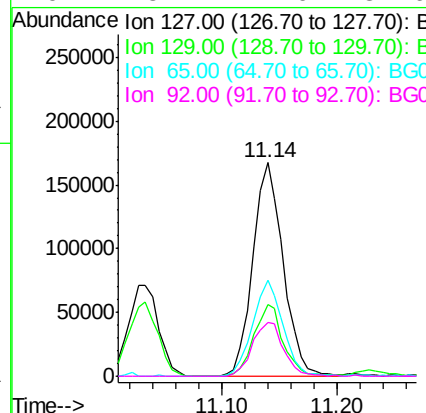
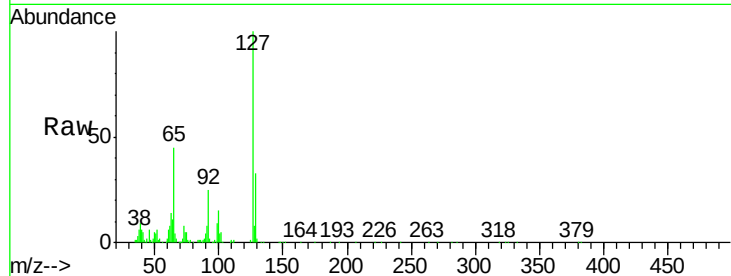




#33
 4-Chloroaniline
 Concen: 26.53 ng
 RT: 11.14 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

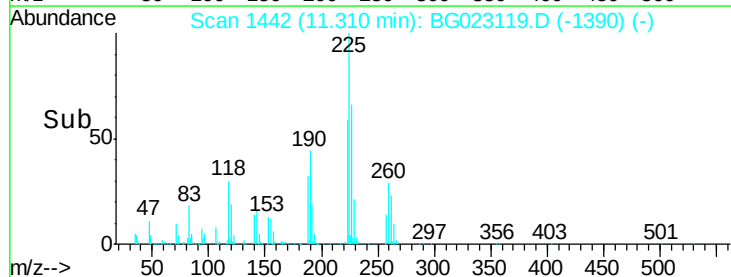
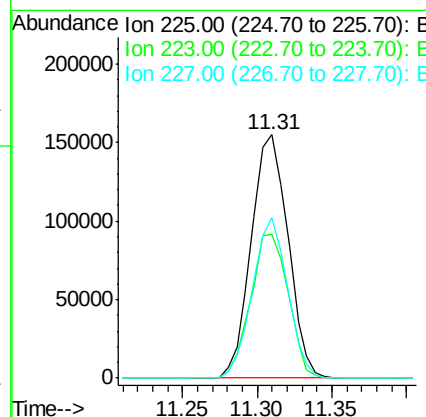
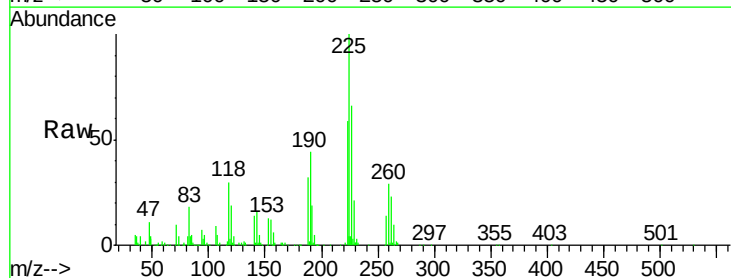
Instrument :
 BNA_G
 ClientSampleId :
 C5-9MSD

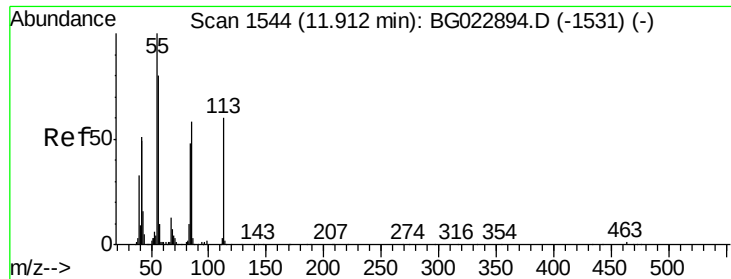
Tgt Ion:	127	Resp:	307175
Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.9	41.9
65	45.3	36.8	55.2
92	25.4	21.0	31.6



#34
 Hexachlorobutadiene
 Concen: 33.99 ng
 RT: 11.31 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

Tgt Ion:	225	Resp:	263621
Ion	Ratio	Lower	Upper
225	100		
223	59.3	49.6	74.4
227	65.9	54.5	81.7

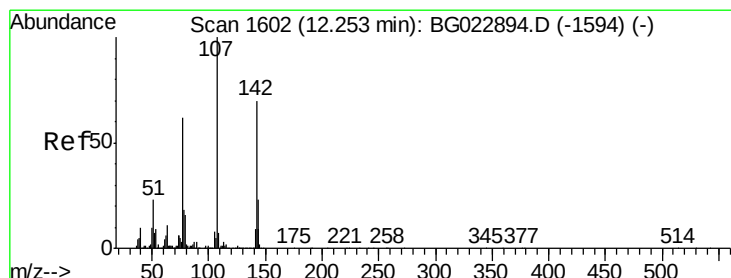
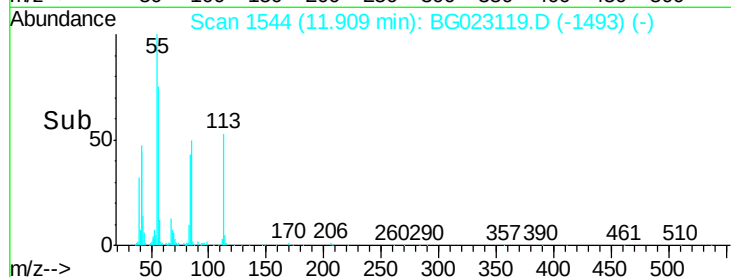
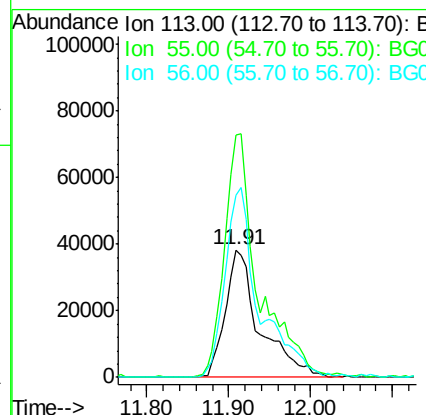
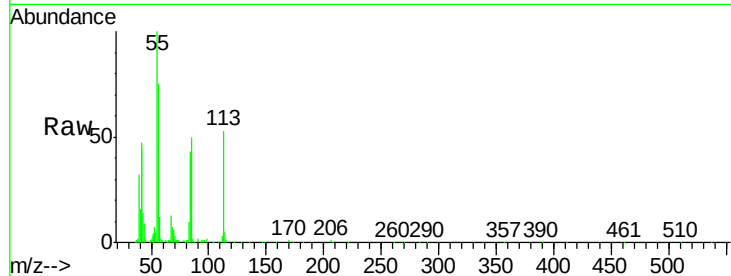




#35
 Caprolactam
 Concen: 32.68 ng
 RT: 11.91 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

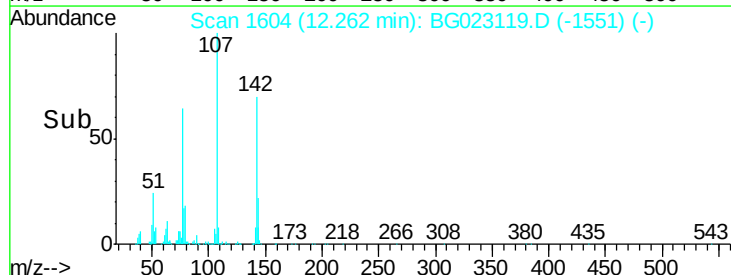
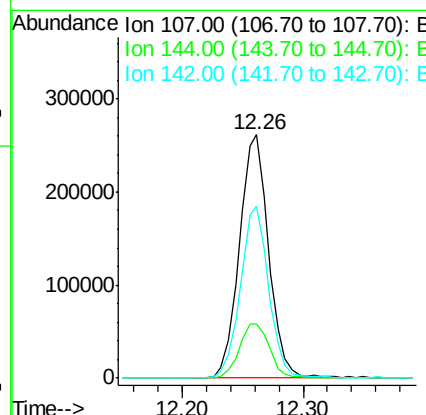
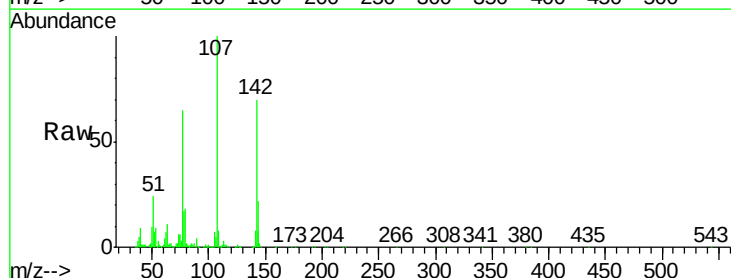
Instrument :
 BNA_G
 ClientSampleId :
 C5-9MSD

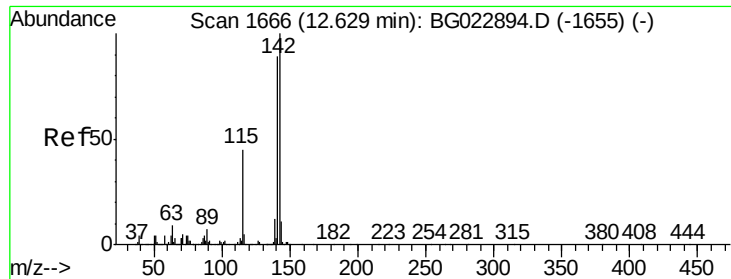
Tgt Ion:113 Resp: 112269
 Ion Ratio Lower Upper
 113 100
 55 189.5 154.5 194.5
 56 142.6 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 38.57 ng
 RT: 12.26 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

Tgt Ion:107 Resp: 440502
 Ion Ratio Lower Upper
 107 100
 144 22.3 17.0 25.6
 142 70.4 53.0 79.6

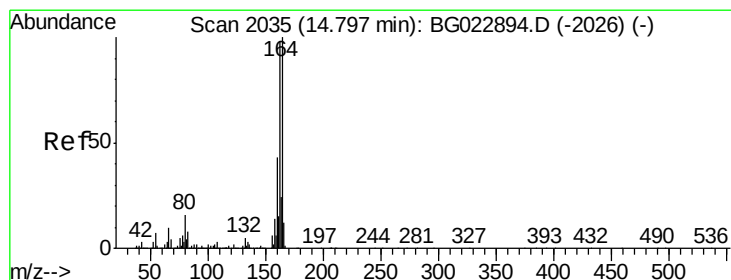
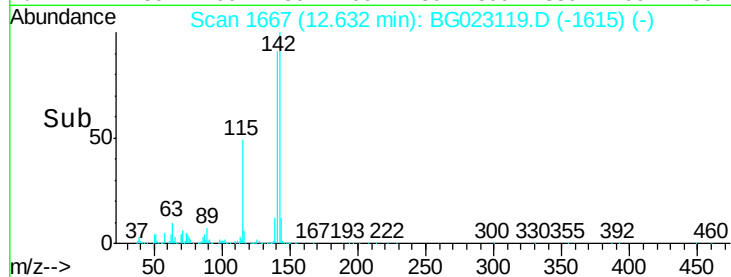
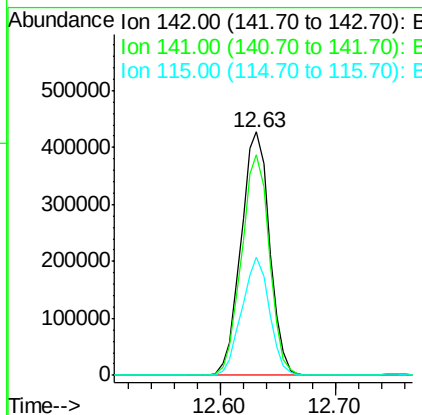
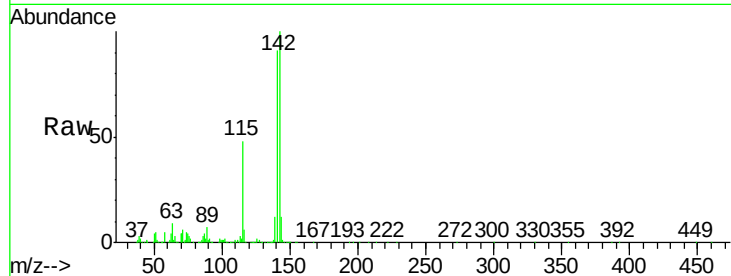




#37
 2-Methylnaphthalene
 Concen: 39.21 ng
 RT: 12.63 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

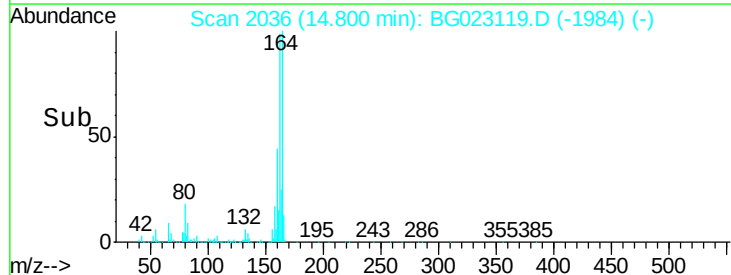
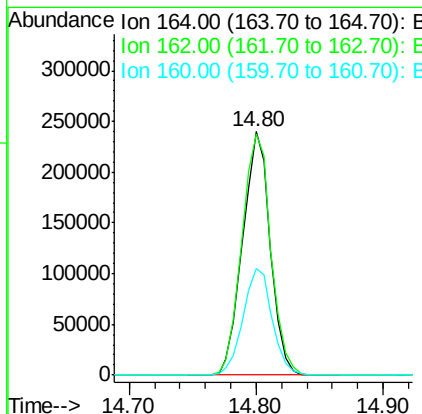
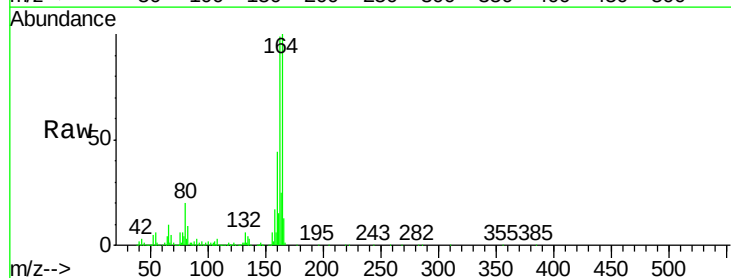
Instrument :
 BNA_G
 ClientSampleId :
 C5-9MSD

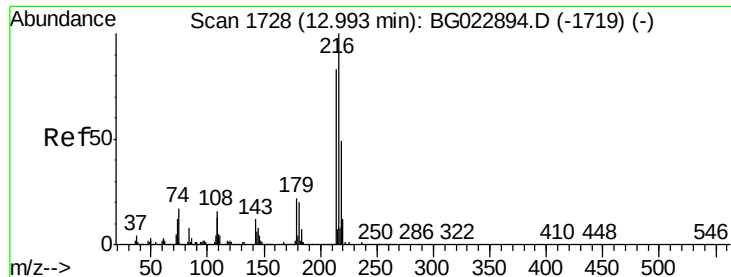
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.2	105.2
115	48.5	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	87.7	131.5
160	43.8	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.30 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

Tgt Ion:216 Resp: 471734

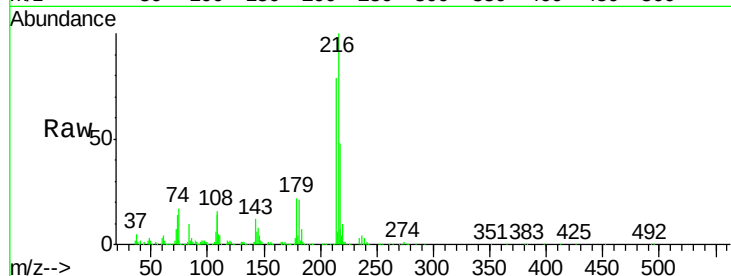
Ion Ratio Lower Upper

216 100

214 78.2 62.9 94.3

179 21.6 17.2 25.8

108 19.9 16.3 24.5

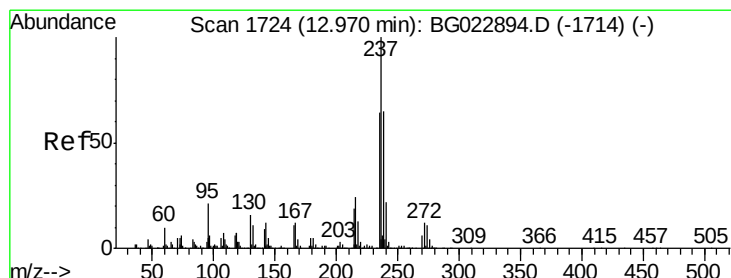
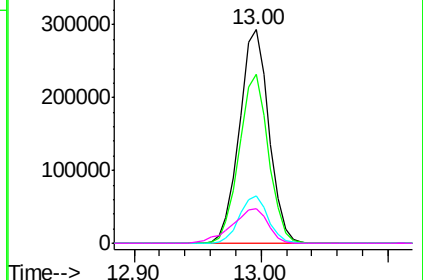
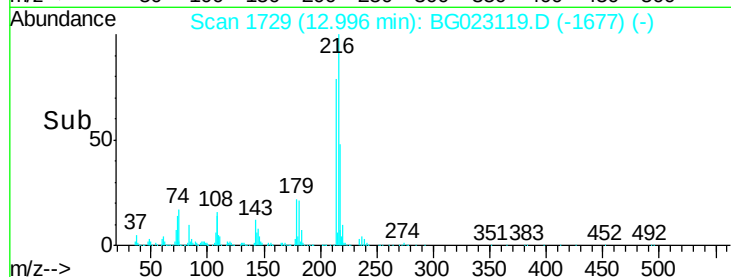


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 63.94 ng

RT: 12.97 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

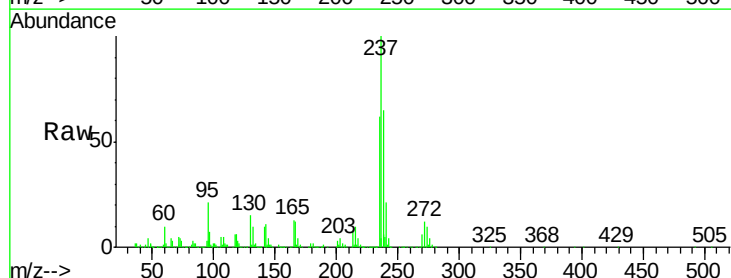
Tgt Ion:237 Resp: 572983

Ion Ratio Lower Upper

237 100

235 61.7 43.1 83.1

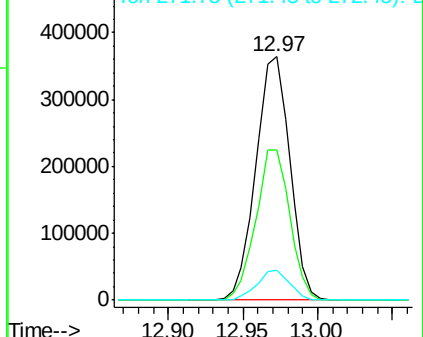
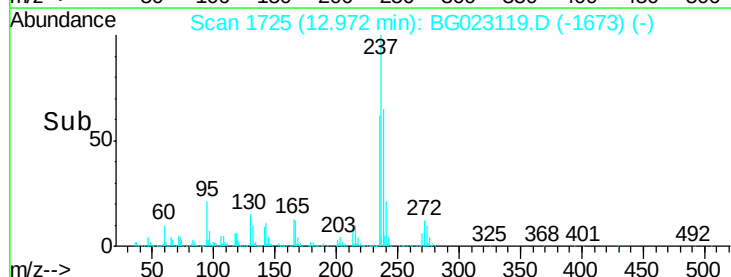
272 12.1 0.0 30.9

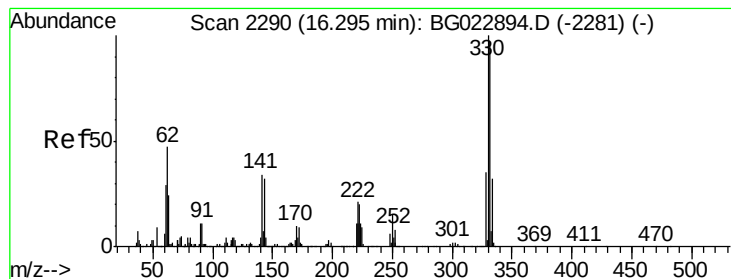


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 96.07 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

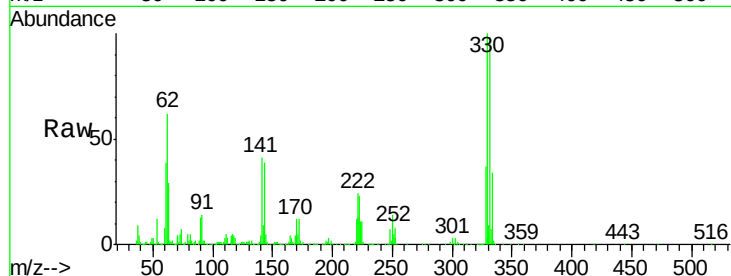
Tgt Ion:330 Resp: 623702

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

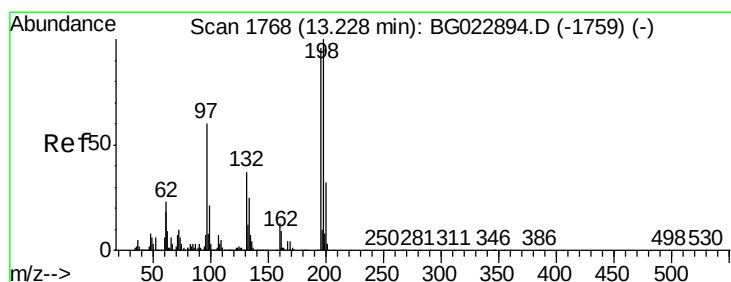
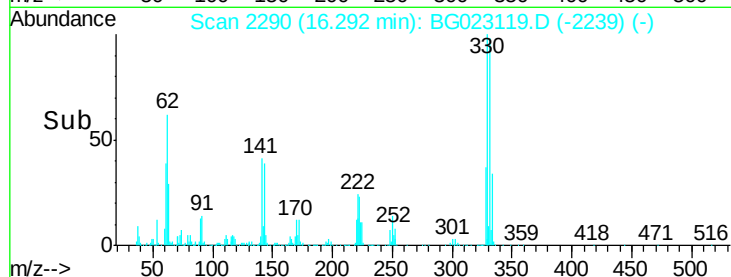
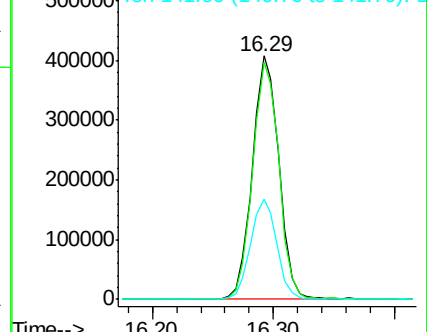
141 40.9 31.7 47.5



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: 37.67 ng

RT: 13.23 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

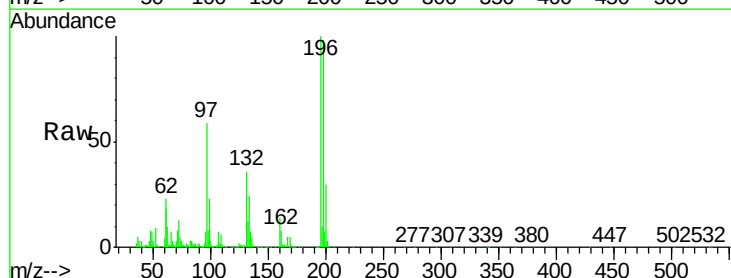
Tgt Ion:196 Resp: 337075

Ion Ratio Lower Upper

196 100

198 98.4 78.2 117.2

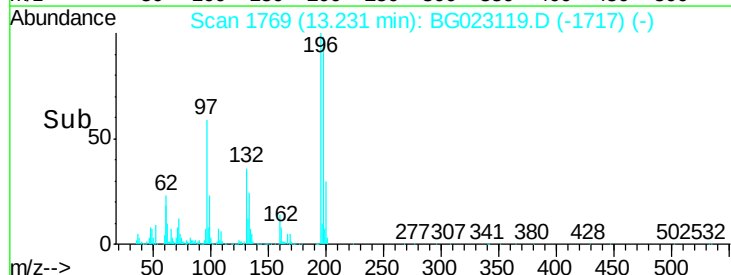
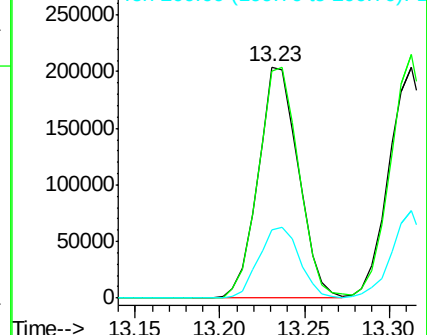
200 29.7 27.0 40.4

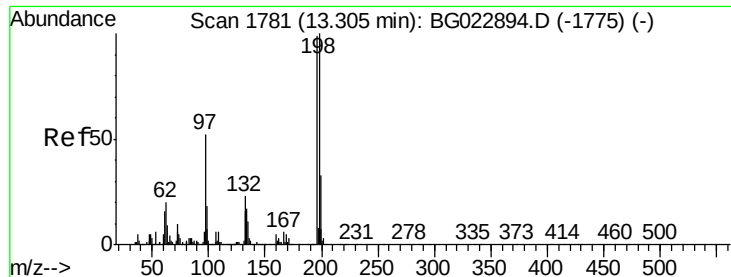


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

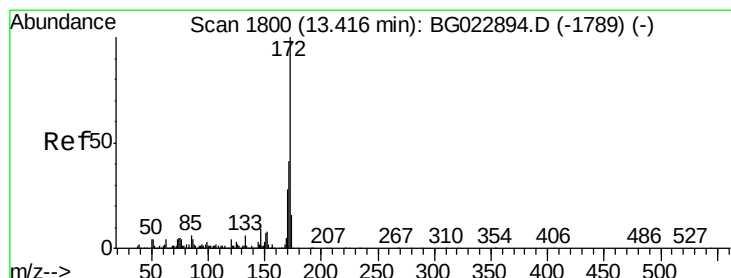
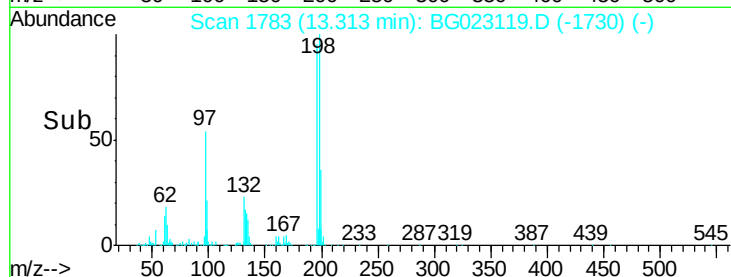
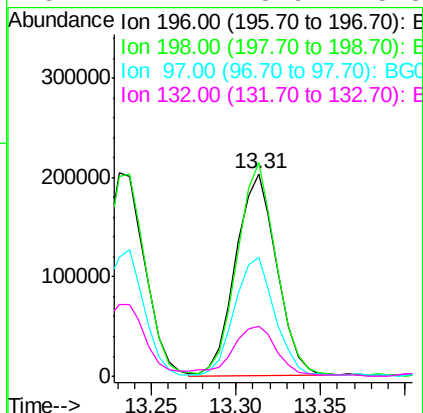
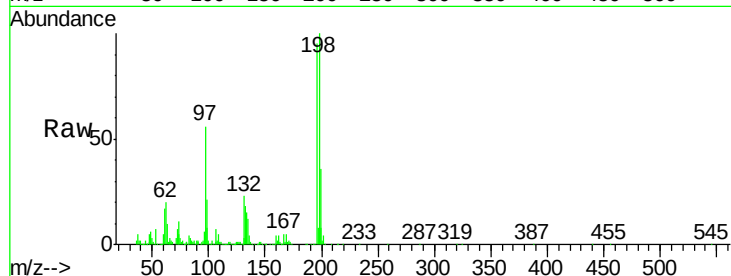




#43
2,4,5-Trichlorophenol
Concen: 37.23 ng
RT: 13.31 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

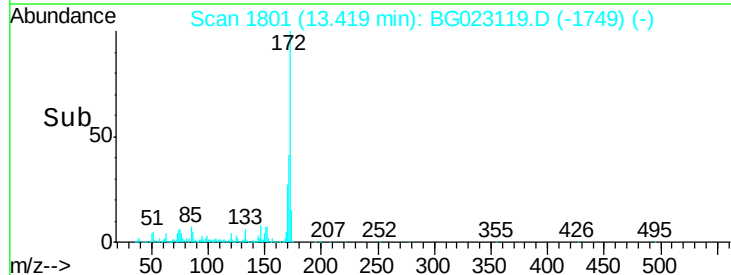
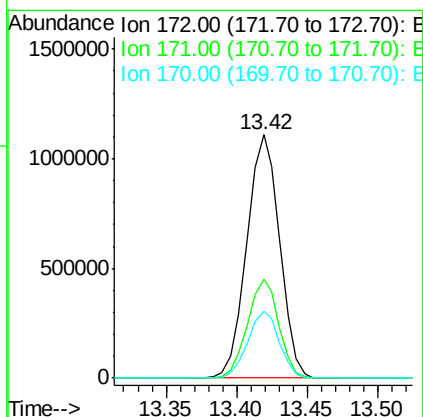
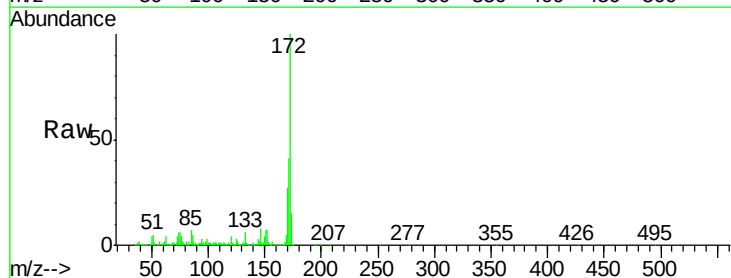
Instrument :
BNA_G
ClientSampleId :
C5-9MSD

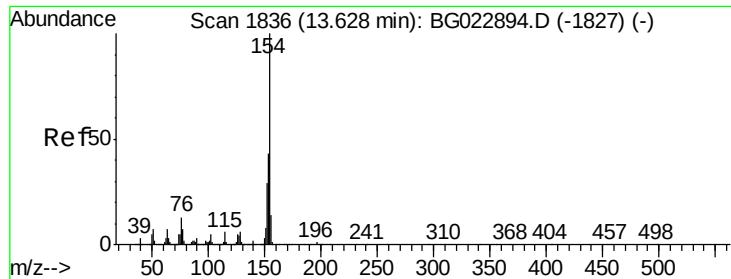
Tgt Ion:196 Resp: 342102
Ion Ratio Lower Upper
196 100
198 105.5 85.7 128.5
97 58.9 45.5 68.3
132 24.7 18.9 28.3



#44
2-Fluorobiphenyl
Concen: 78.61 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

Tgt Ion:172 Resp: 1802701
Ion Ratio Lower Upper
172 100
171 40.7 31.6 47.4
170 27.3 21.3 31.9

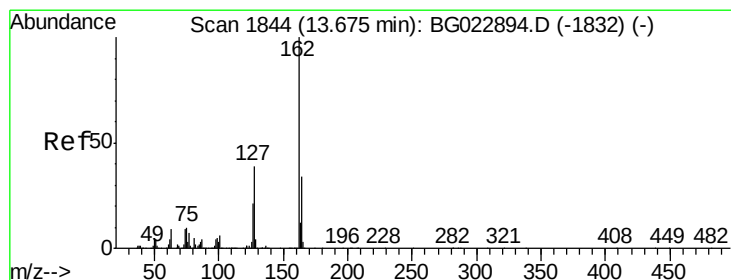
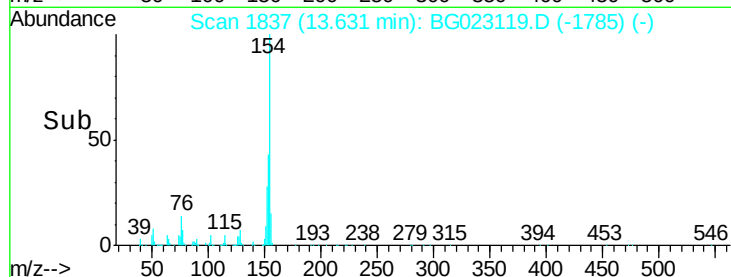
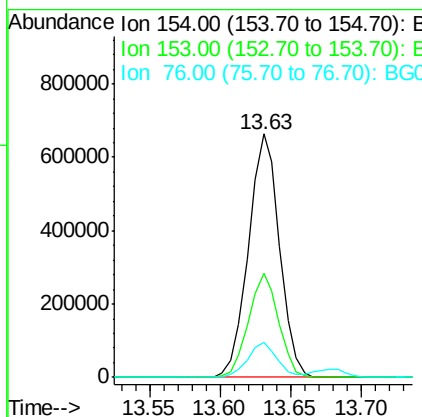
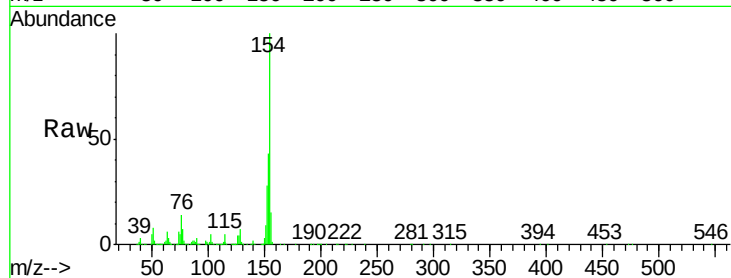




#45
 1,1'-Biphenyl
 Concen: 37.71 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

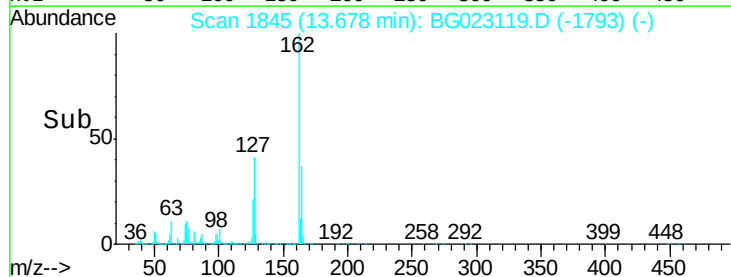
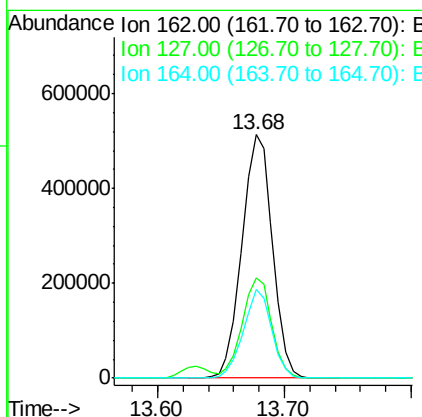
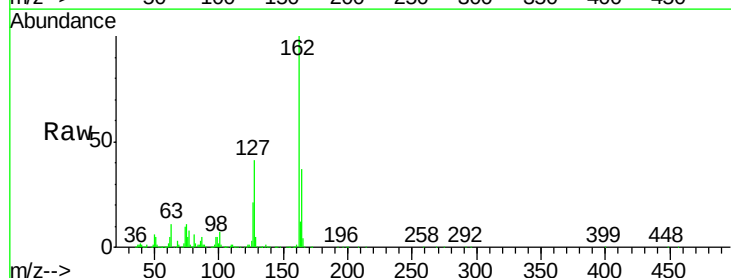
Instrument :
 BNA_G
 ClientSampleId :
 C5-9MSD

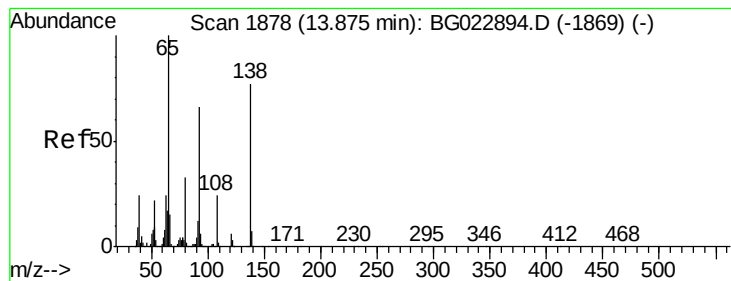
Tgt Ion:154 Resp: 1022130
 Ion Ratio Lower Upper
 154 100
 153 42.5 20.2 60.2
 76 14.2 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 38.79 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

Tgt Ion:162 Resp: 852767
 Ion Ratio Lower Upper
 162 100
 127 41.3 32.4 48.6
 164 36.5 25.2 37.8





#47

2-Nitroaniline

Concen: 39.30 ng

RT: 13.88 min Scan# 1880

Delta R.T. 0.01 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampled :

C5-9MSD

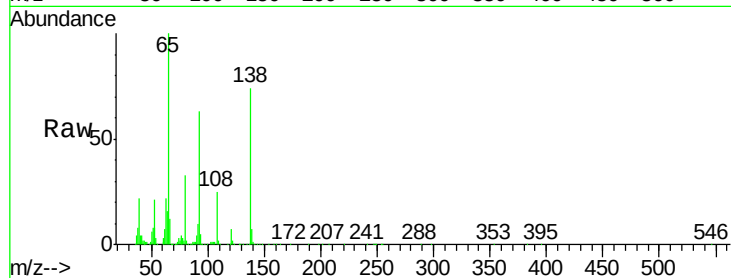
Tgt Ion: 65 Resp: 368729

Ion Ratio Lower Upper

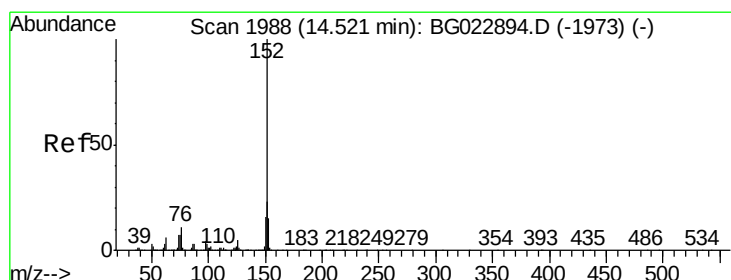
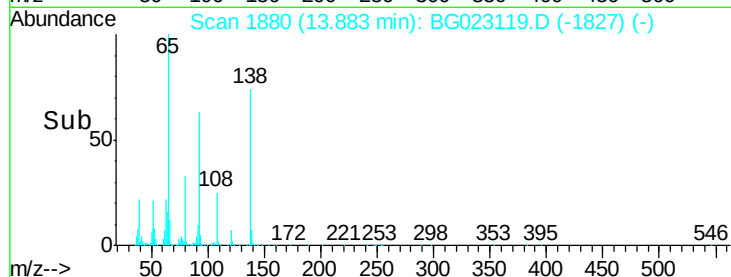
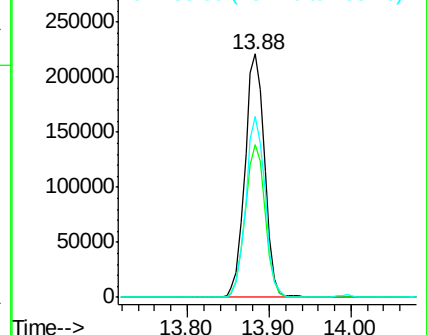
65 100

92 62.8 49.4 74.0

138 74.2 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 38.38 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

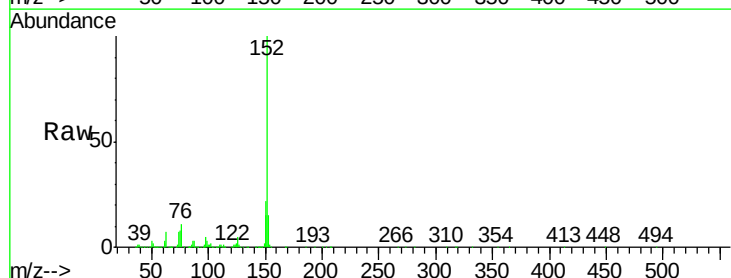
Tgt Ion: 152 Resp: 1265939

Ion Ratio Lower Upper

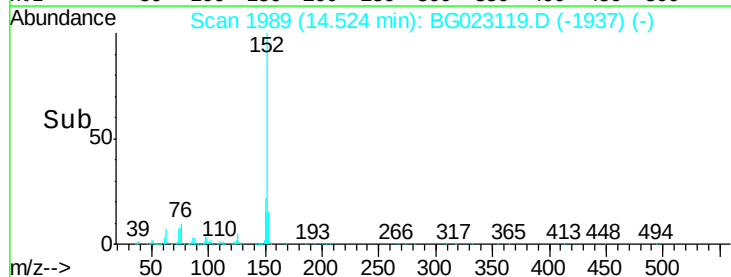
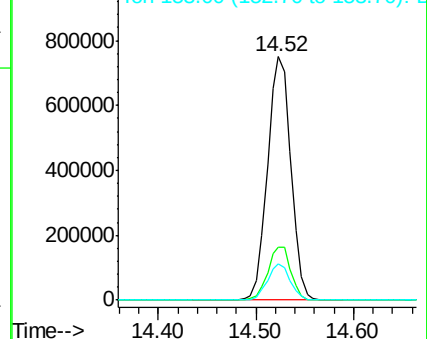
152 100

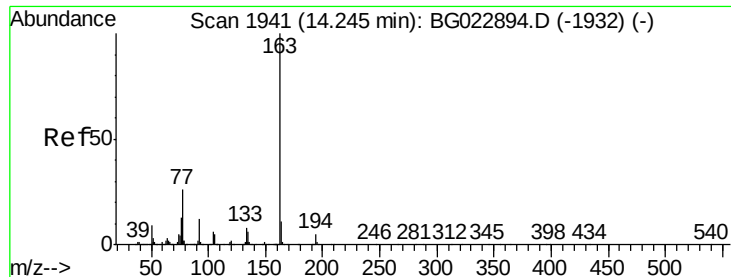
151 21.9 17.6 26.4

153 14.7 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 60.56 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

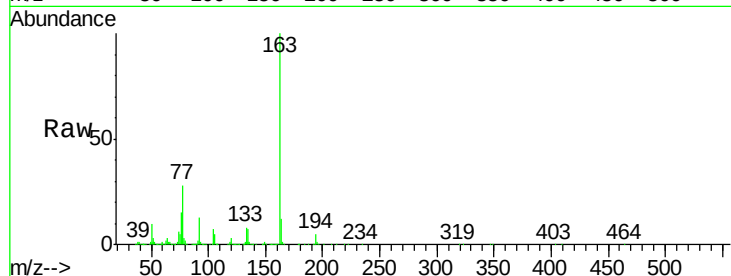
Tgt Ion:163 Resp: 1786921

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

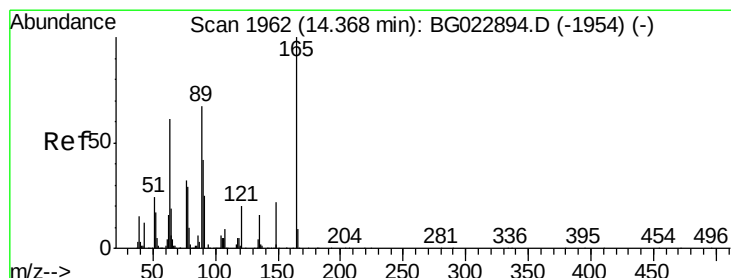
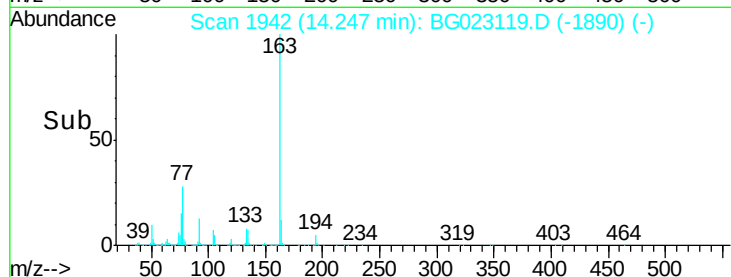
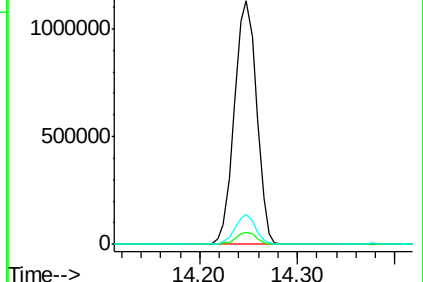
164 12.3 8.1 12.1#



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: 38.61 ng

RT: 14.38 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

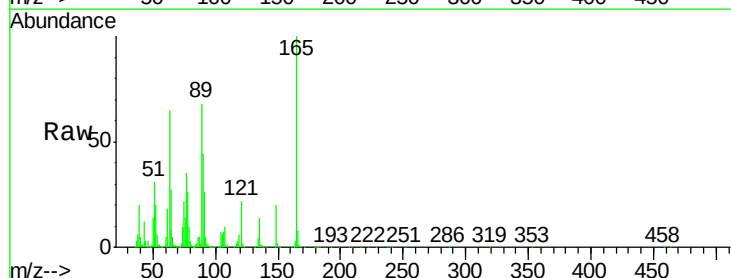
Tgt Ion:165 Resp: 256043

Ion Ratio Lower Upper

165 100

63 65.0 64.3 96.5

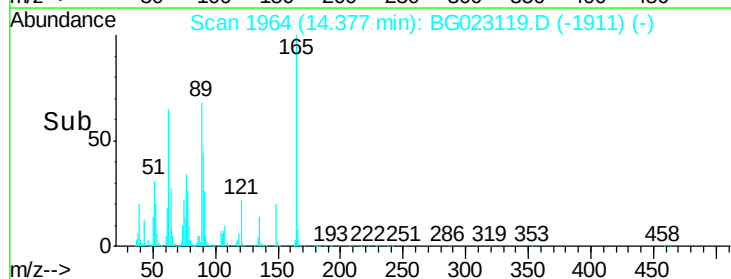
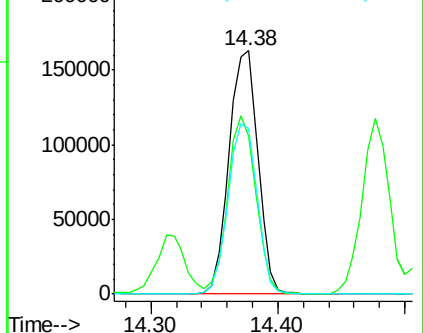
89 67.8 64.3 96.5

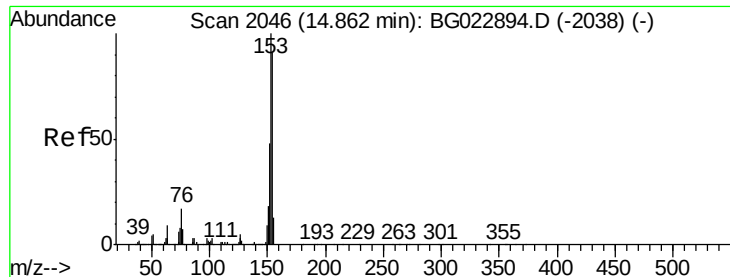


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 37.94 ng

RT: 14.86 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

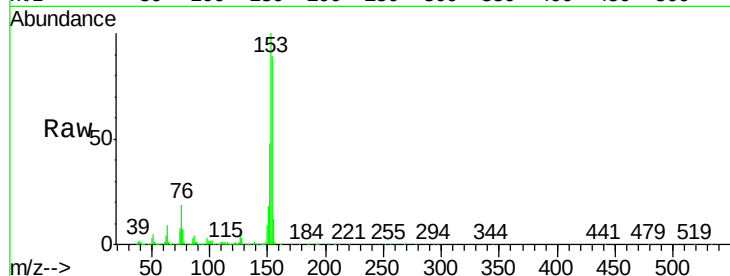
Tgt Ion:154 Resp: 817791

Ion Ratio Lower Upper

154 100

153 112.4 87.5 131.3

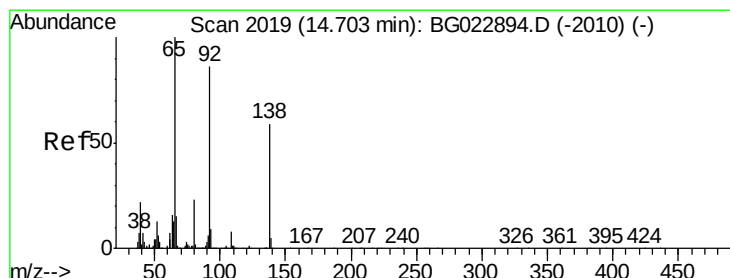
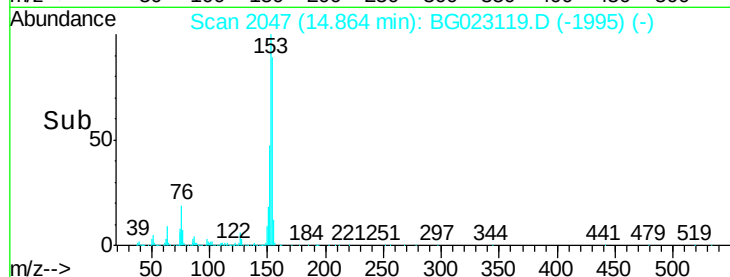
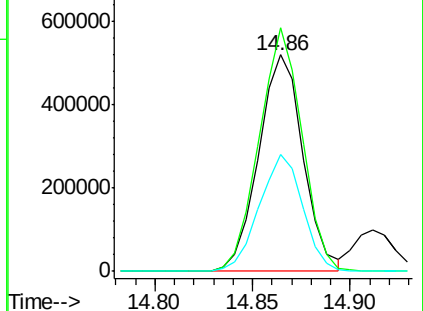
152 53.7 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.42 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

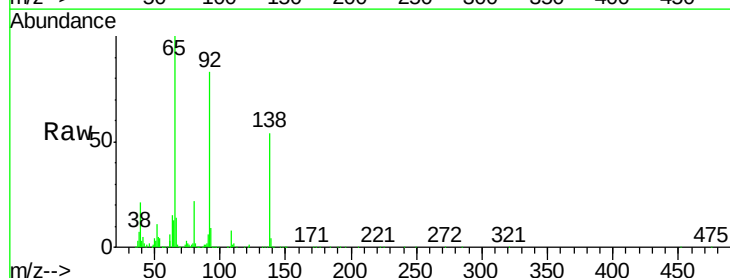
Tgt Ion:138 Resp: 207782

Ion Ratio Lower Upper

138 100

108 14.2 11.7 17.5

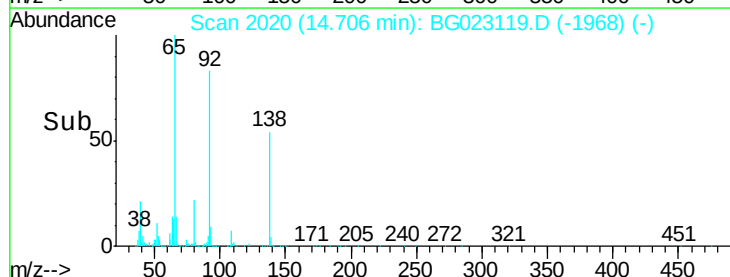
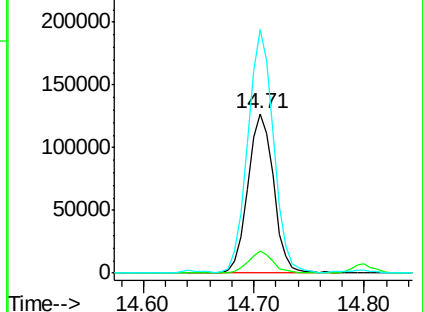
92 152.4 129.7 194.5

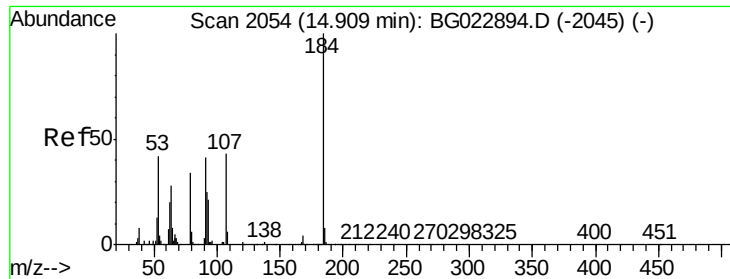


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

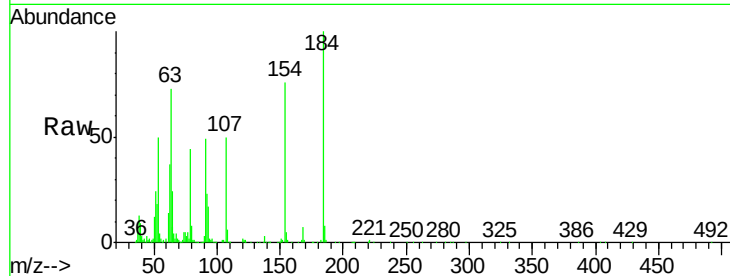




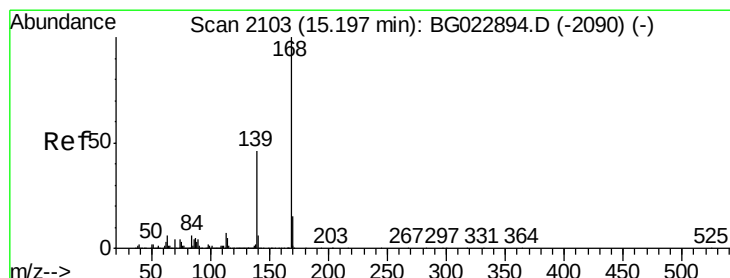
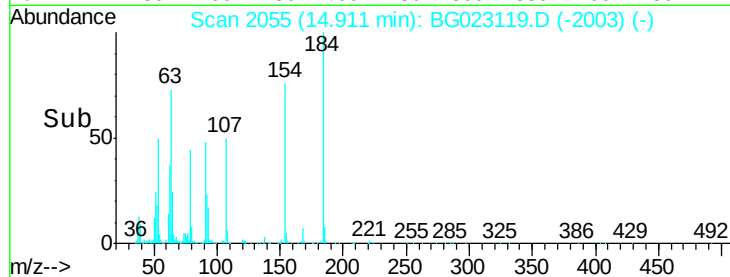
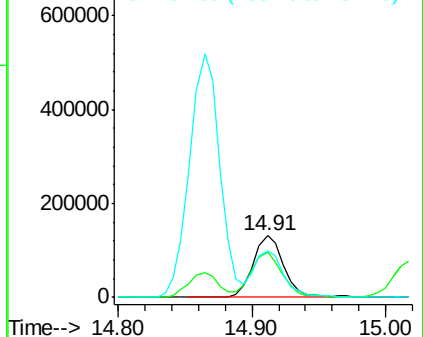
#53
2,4-Dinitrophenol
Concen: 45.18 ng
RT: 14.91 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

Instrument :
BNA_G
ClientSampleId :
C5-9MSD

Tgt Ion:184 Resp: 205589
Ion Ratio Lower Upper
184 100
63 73.4 59.6 89.4
154 76.2 67.4 101.0

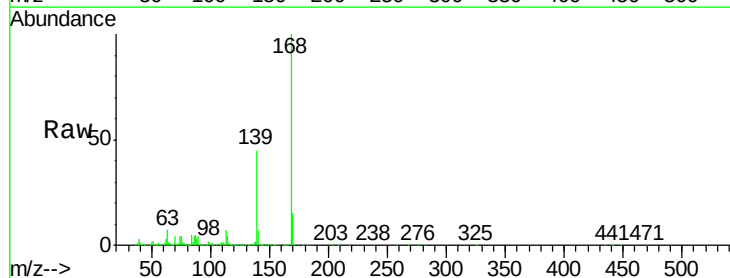


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

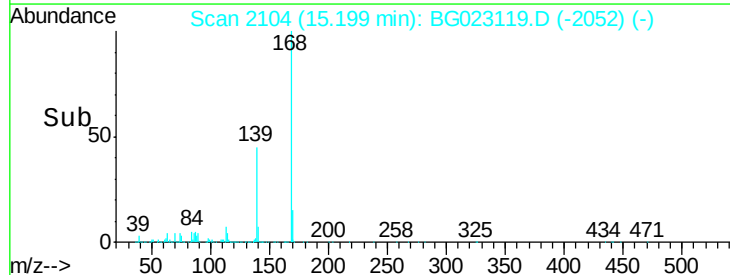
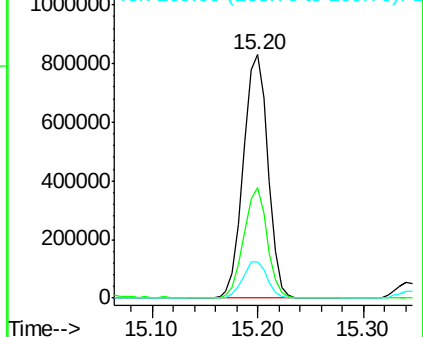


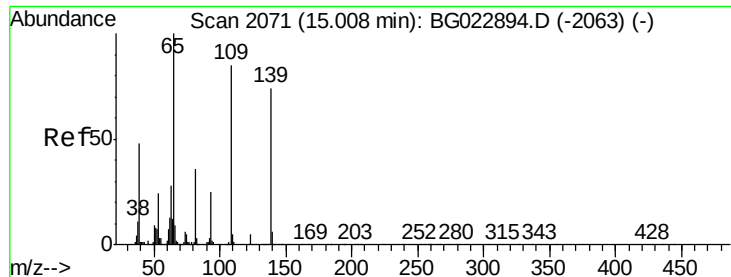
#54
Dibenzofuran
Concen: 41.58 ng
RT: 15.20 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

Tgt Ion:168 Resp: 1341490
Ion Ratio Lower Upper
168 100
139 45.1 36.4 54.6
169 14.9 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: 67.78 ng

RT: 15.02 min Scan# 2074

Delta R.T. 0.01 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

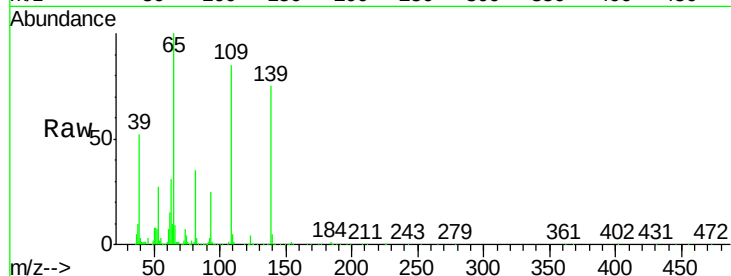
Tgt Ion:139 Resp: 375710

Ion Ratio Lower Upper

139 100

109 112.7 103.0 143.0

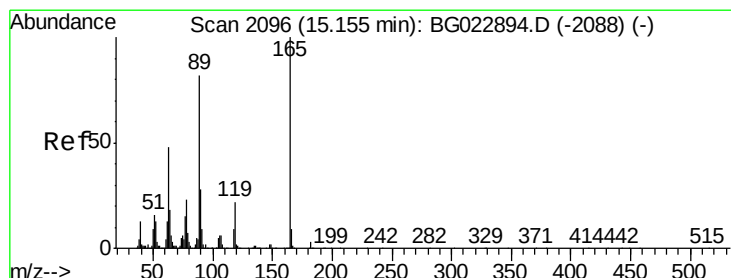
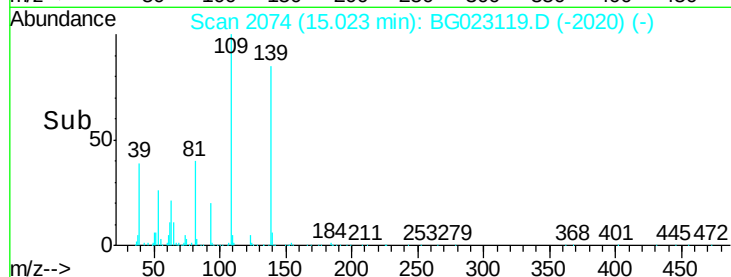
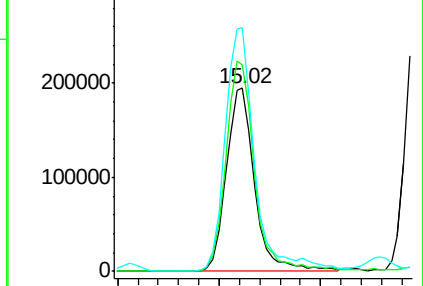
65 133.0 112.7 152.7



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: 37.47 ng

RT: 15.16 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Tgt Ion:165 Resp: 362287

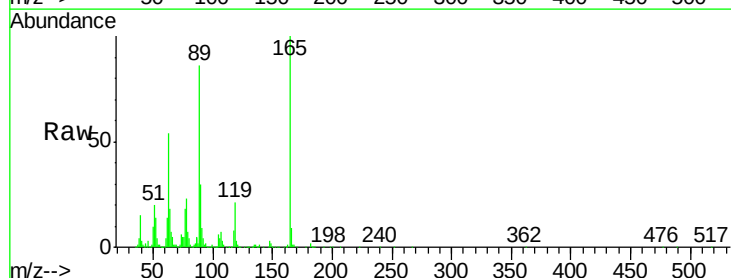
Ion Ratio Lower Upper

165 100

63 54.0 45.8 68.6

89 86.1 68.6 102.8

182 2.3 2.0 3.0

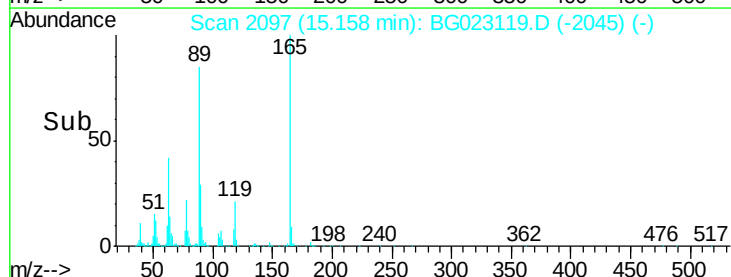
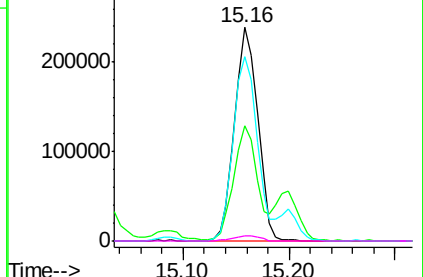


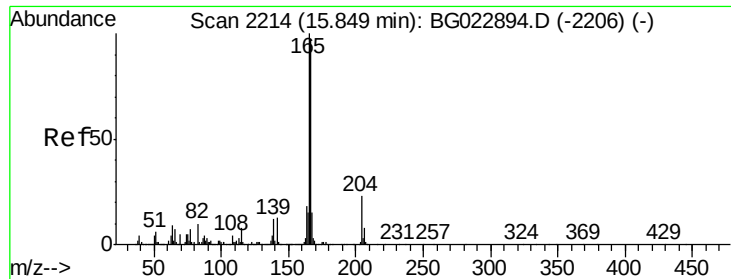
Abundance Ion 165.00 (164.70 to 165.70): E

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

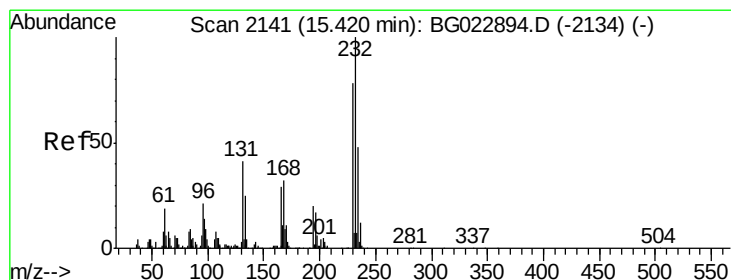
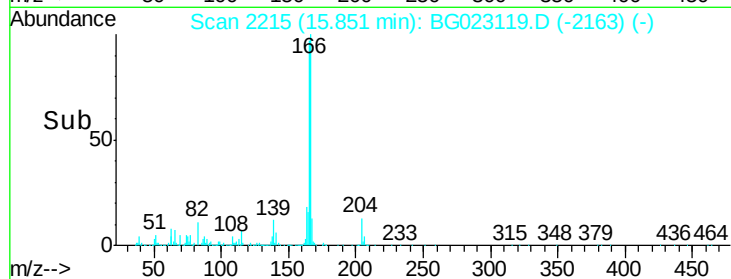
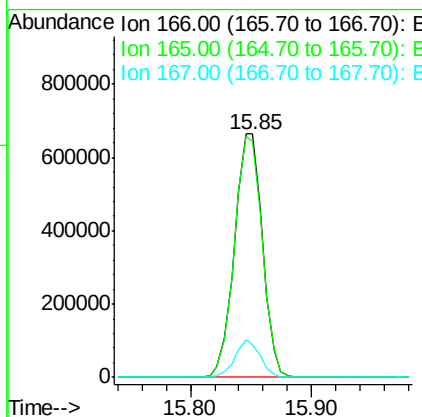
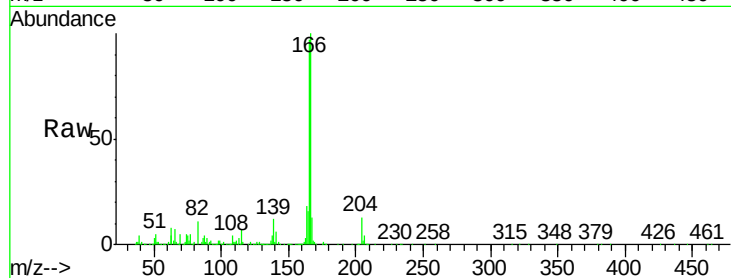




#57
 Fluorene
 Concen: 38.51 ng
 RT: 15.85 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

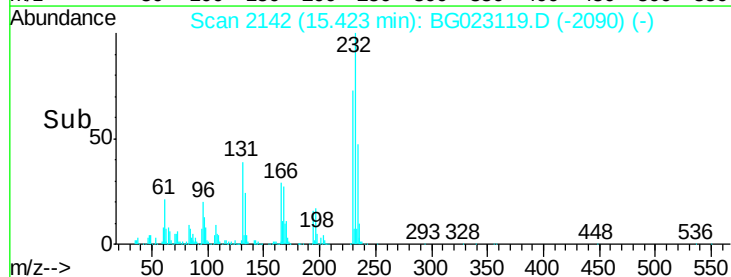
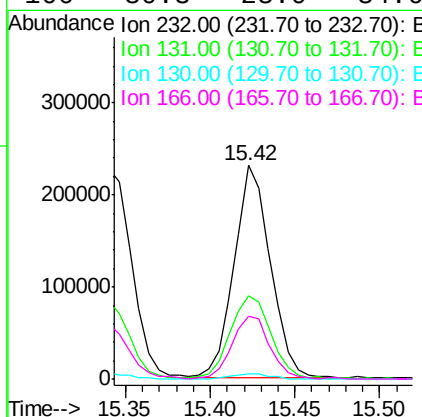
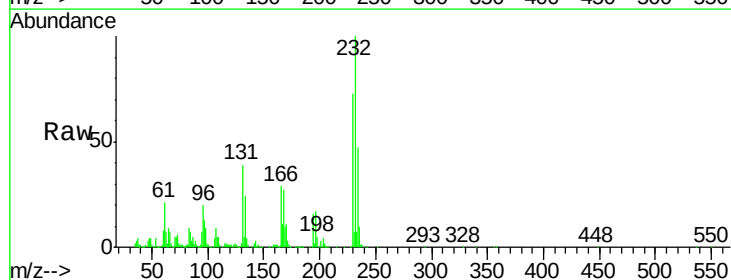
Instrument :
 BNA_G
 ClientSampleId :
 C5-9MSD

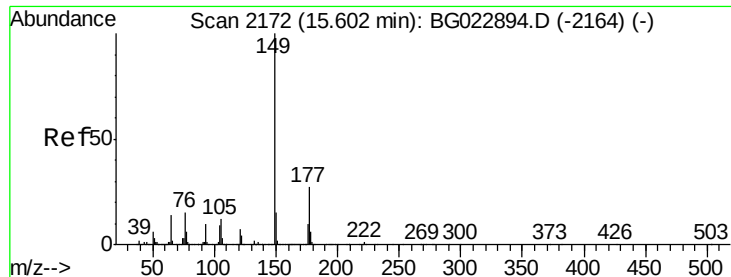
Tgt Ion:166 Resp: 1069339
 Ion Ratio Lower Upper
 166 100
 165 97.1 81.0 121.6
 167 13.3 12.0 18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.60 ng
 RT: 15.42 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

Tgt Ion:232 Resp: 345644
 Ion Ratio Lower Upper
 232 100
 131 42.9 32.7 49.1
 130 2.8 2.6 3.8
 166 30.3 23.0 34.6

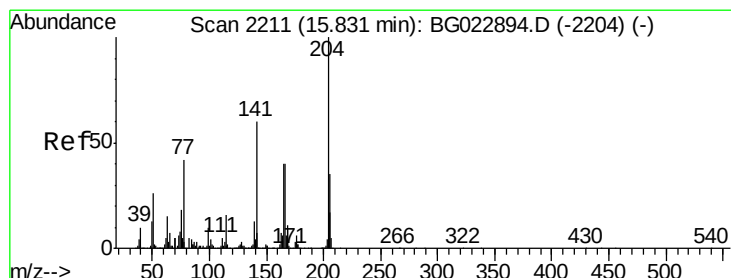
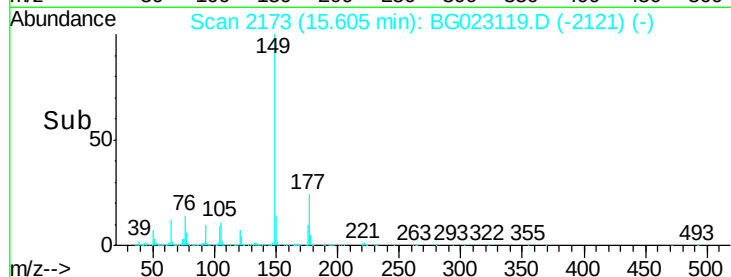
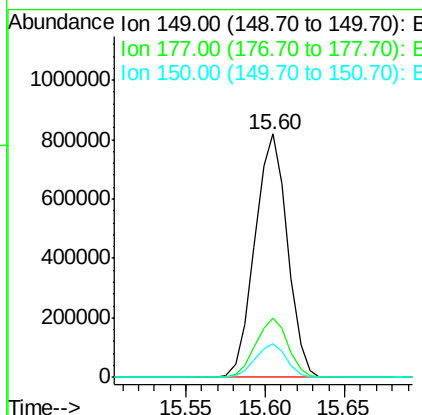
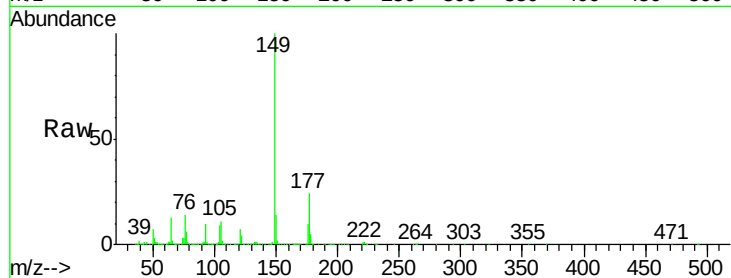




#59
 Diethylphthalate
 Concen: 38.88 ng
 RT: 15.60 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

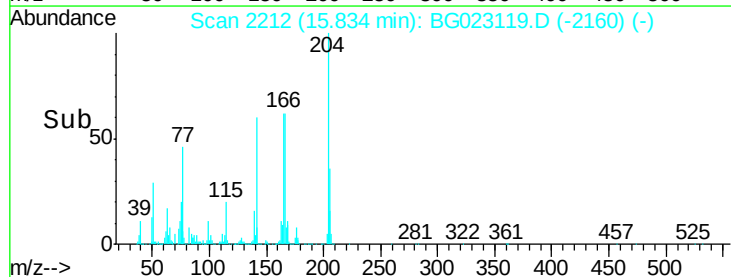
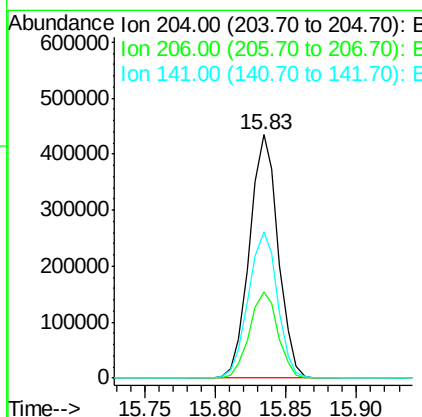
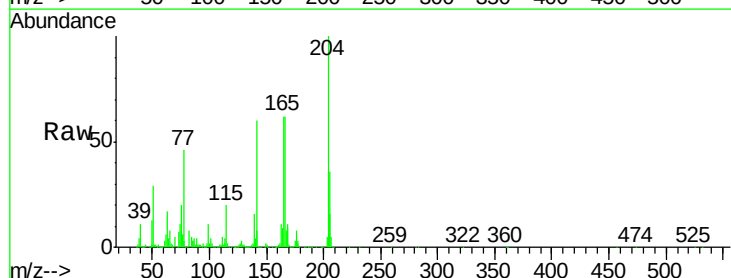
Instrument :
 BNA_G
 ClientSampleId :
 C5-9MSD

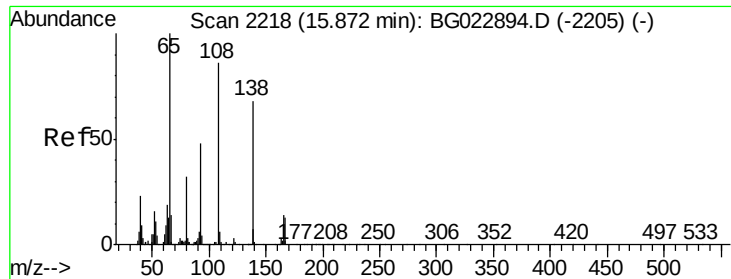
Tgt Ion:149 Resp: 1167375
 Ion Ratio Lower Upper
 149 100
 177 24.1 19.2 28.8
 150 13.9 10.6 16.0



#60
 4-Chlorophenyl-phenylether
 Concen: 36.58 ng
 RT: 15.83 min Scan# 2212
 Delta R.T. 0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

Tgt Ion:204 Resp: 618592
 Ion Ratio Lower Upper
 204 100
 206 35.6 28.5 42.7
 141 60.1 51.4 77.0

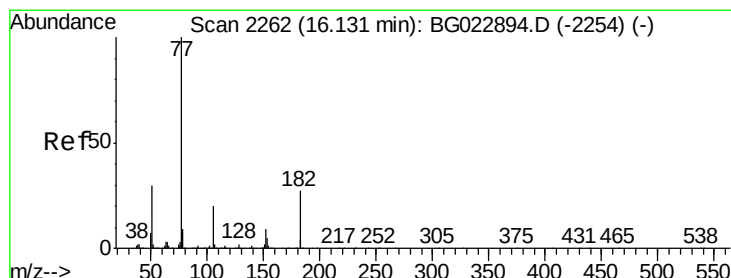
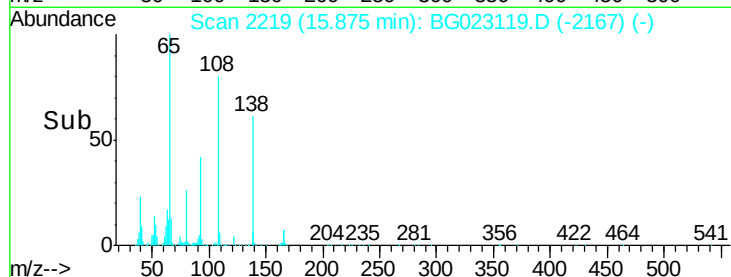
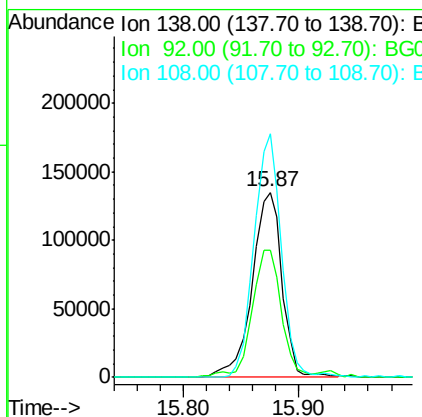
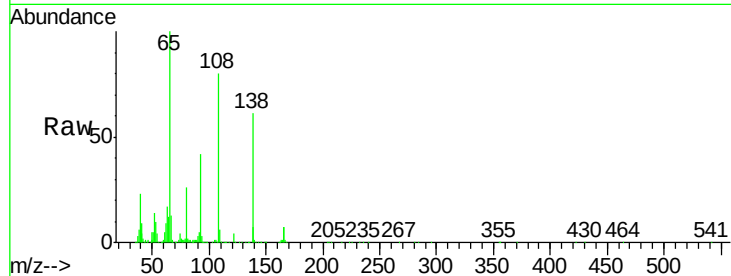




#61
4-Nitroaniline
Concen: 34.06 ng
RT: 15.87 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

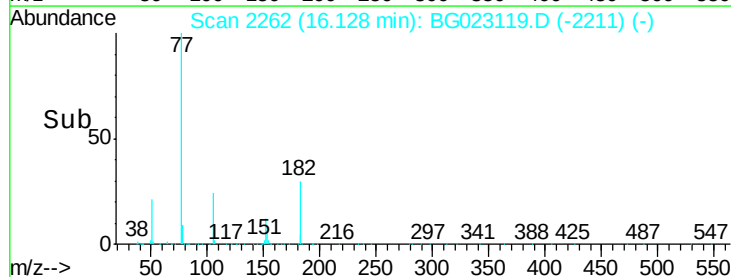
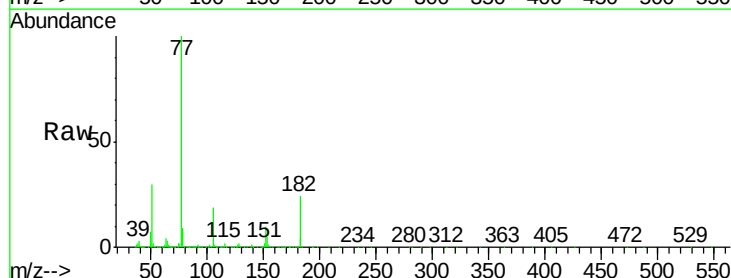
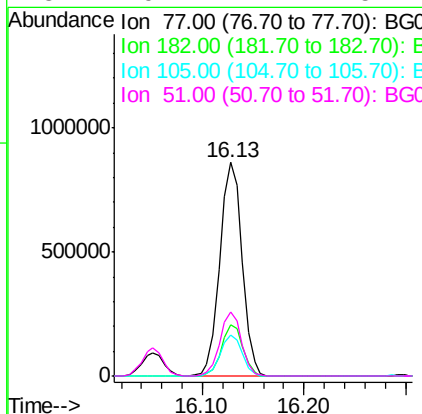
Instrument :
BNA_G
ClientSampleId :
C5-9MSD

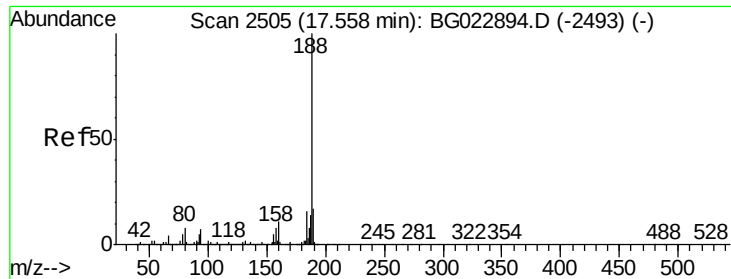
Tgt Ion: 138 Resp: 243685
Ion Ratio Lower Upper
138 100
92 68.5 54.1 94.1
108 131.4 133.9 173.9#



#62
Azobenzene
Concen: 45.47 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

Tgt Ion: 77 Resp: 1305765
Ion Ratio Lower Upper
77 100
182 23.8 3.5 43.5
105 19.4 0.0 38.5
51 29.7 17.1 57.1

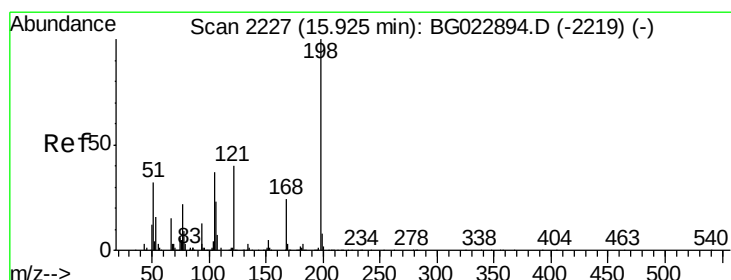
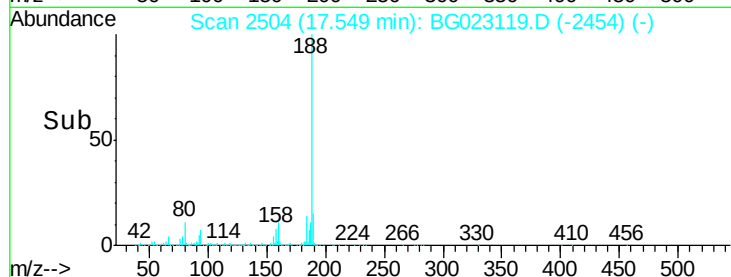
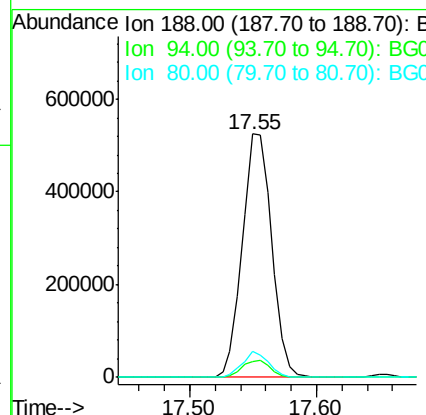
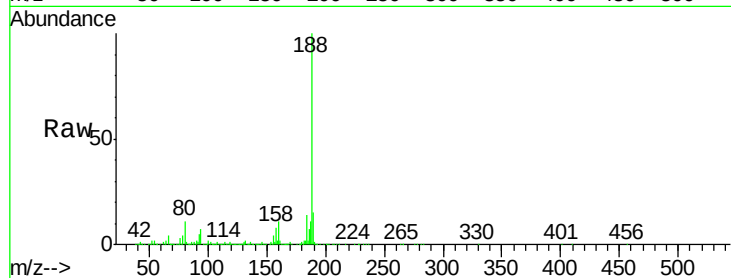




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

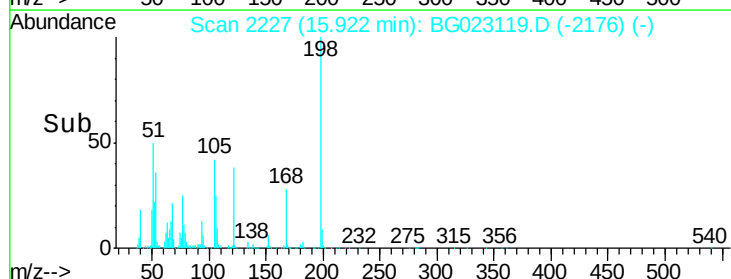
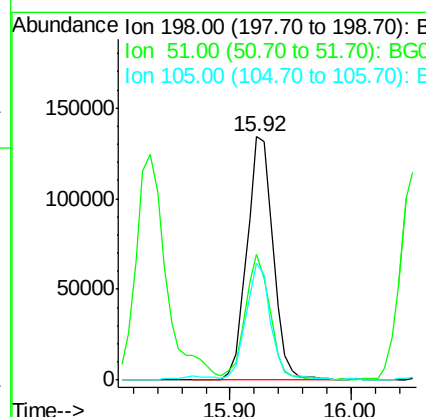
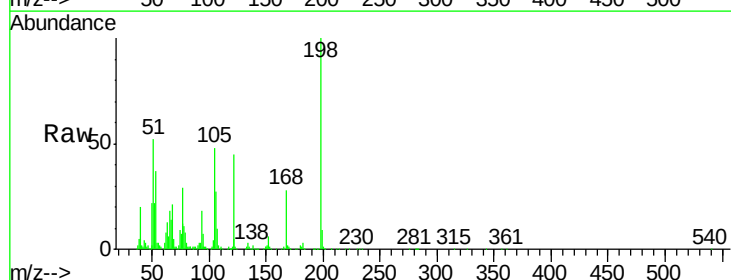
Instrument :
BNA_G
ClientSampleId :
C5-9MSD

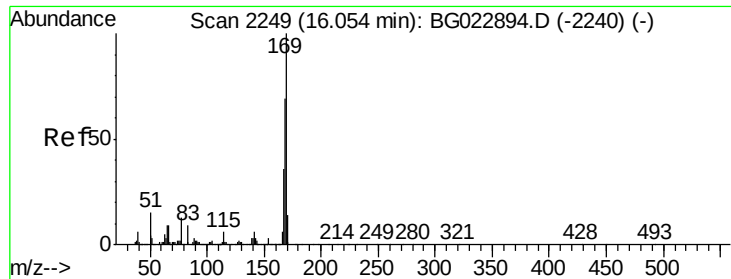
Tgt Ion:188 Resp: 839963
Ion Ratio Lower Upper
188 100
94 6.5 5.2 7.8
80 10.9 7.2 10.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 32.65 ng
RT: 15.92 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

Tgt Ion:198 Resp: 203844
Ion Ratio Lower Upper
198 100
51 51.6 26.0 66.0
105 48.0 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 40.83 ng

RT: 16.05 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

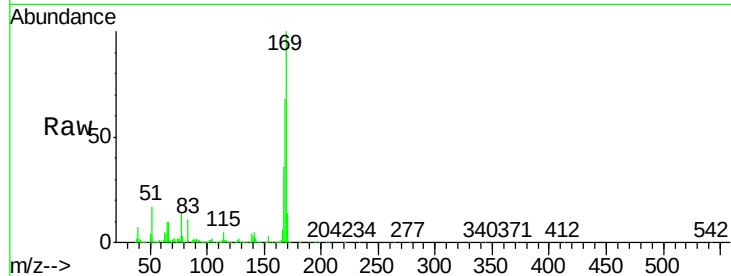
Tgt Ion:169 Resp: 988179

Ion Ratio Lower Upper

169 100

168 68.3 55.0 82.4

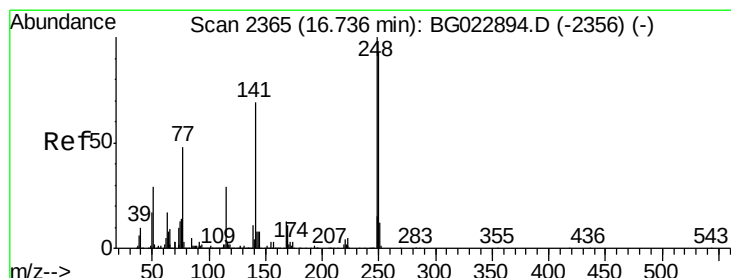
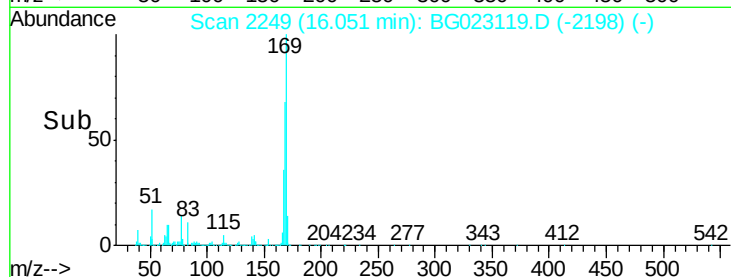
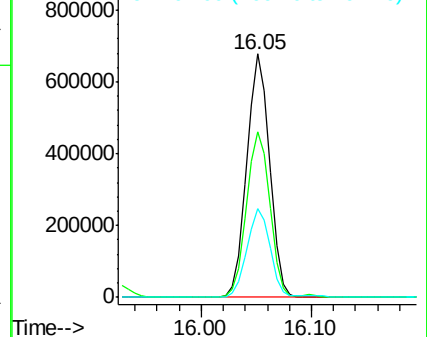
167 36.4 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.84 ng

RT: 16.73 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

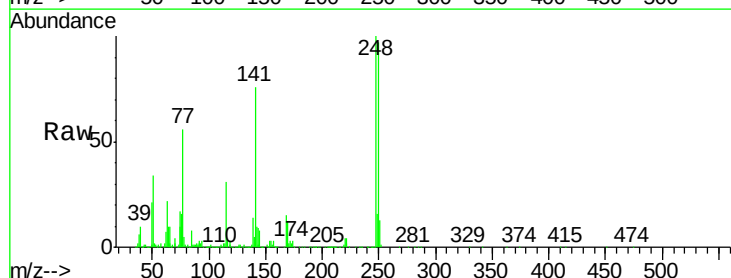
Tgt Ion:248 Resp: 413563

Ion Ratio Lower Upper

248 100

250 96.7 77.8 116.8

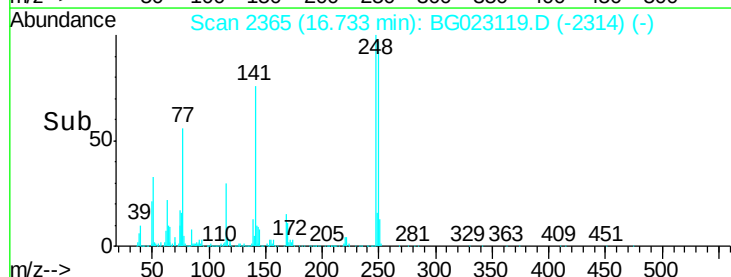
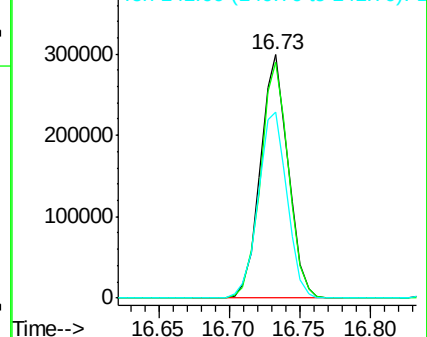
141 76.2 65.7 98.5

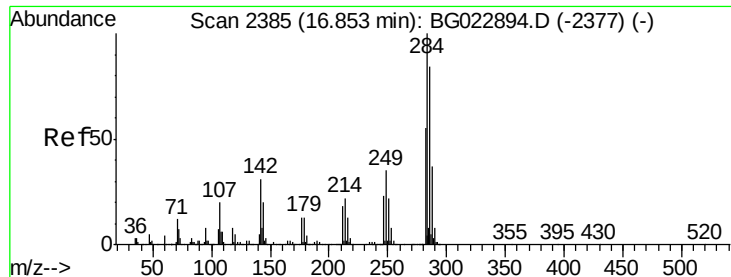


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.44 ng

RT: 16.86 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

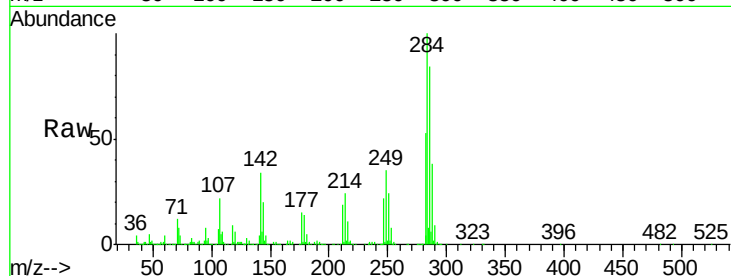
Tgt Ion:284 Resp: 421140

Ion Ratio Lower Upper

284 100

142 33.8 26.8 40.2

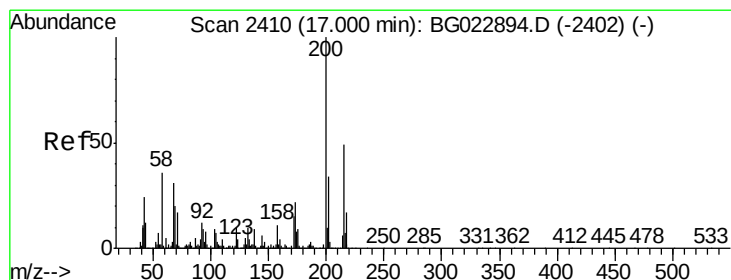
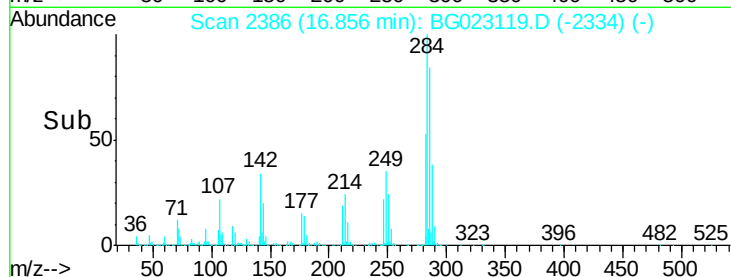
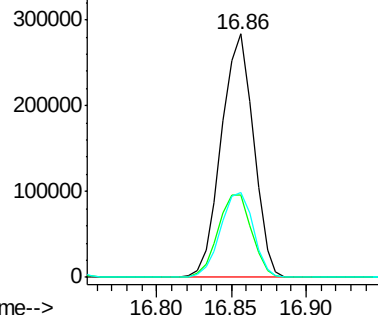
249 34.7 28.9 43.3



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: 38.46 ng

RT: 17.00 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

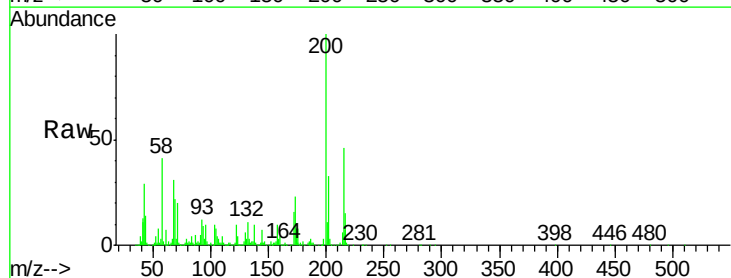
Tgt Ion:200 Resp: 412802

Ion Ratio Lower Upper

200 100

173 23.2 1.6 41.6

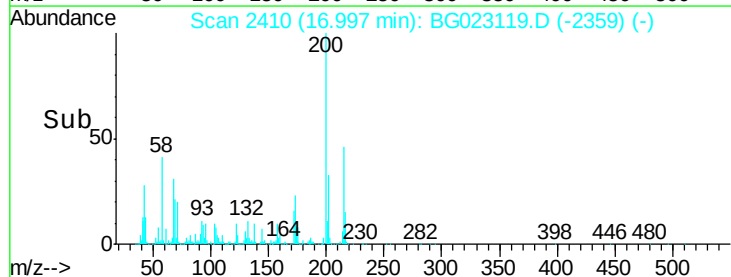
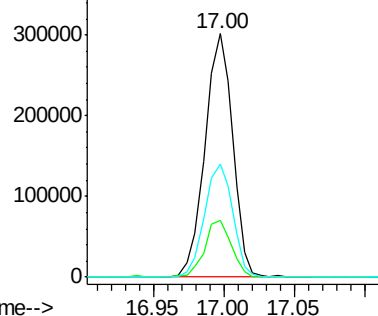
215 46.2 28.7 68.7

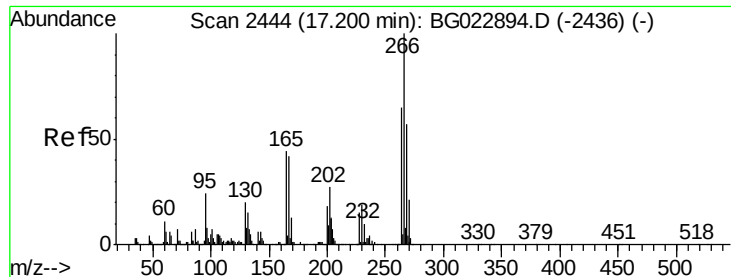


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 64.11 ng

RT: 17.20 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

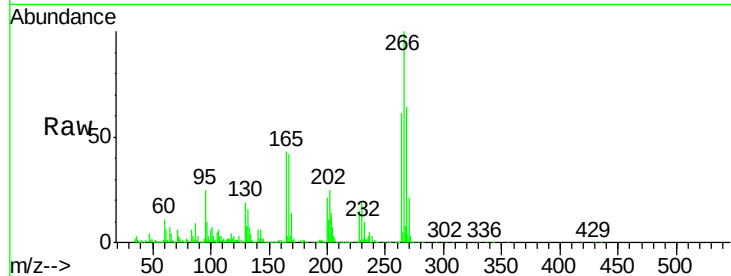
Tgt Ion:266 Resp: 493307

Ion Ratio Lower Upper

266 100

268 63.6 51.9 77.9

264 61.0 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

400000

300000

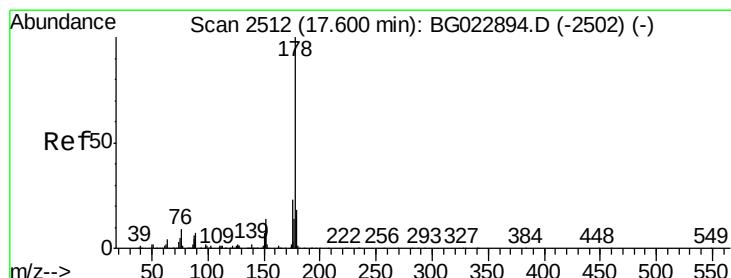
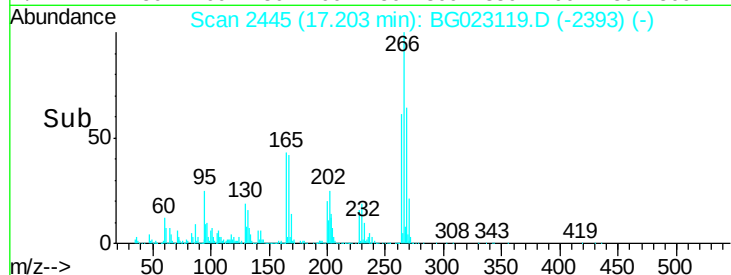
200000

100000

0

17.10 17.20 17.30

Time-->



#70

Phenanthrene

Concen: 40.46 ng

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

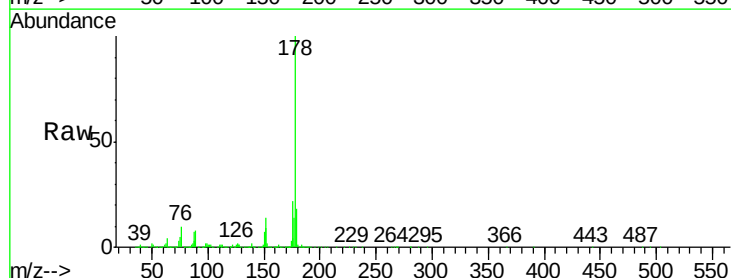
Tgt Ion:178 Resp: 1665466

Ion Ratio Lower Upper

178 100

176 21.9 16.8 25.2

179 17.9 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

1500000

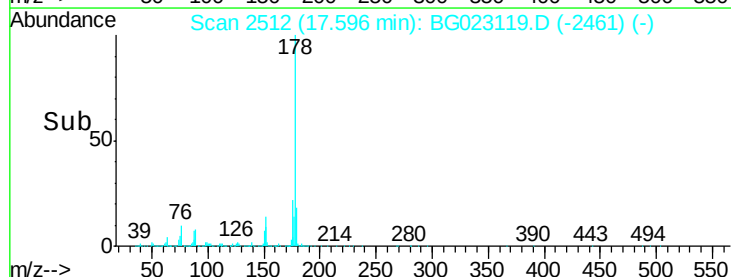
1000000

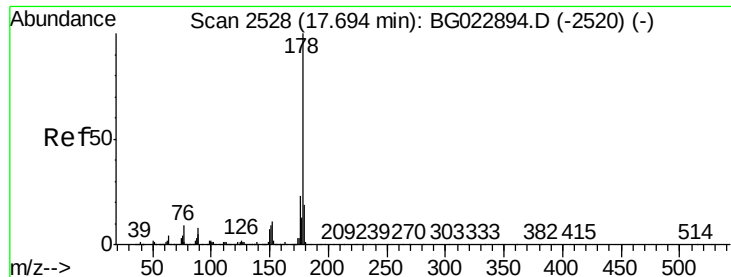
500000

0

17.50 17.55 17.60 17.65

Time-->

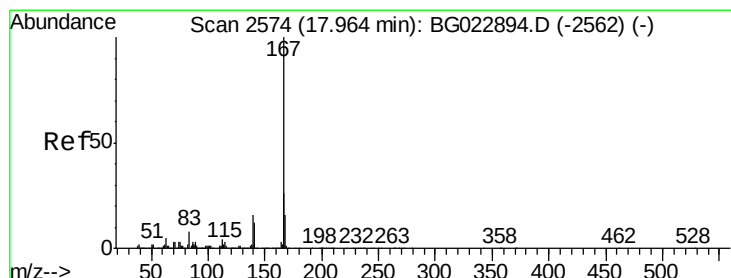
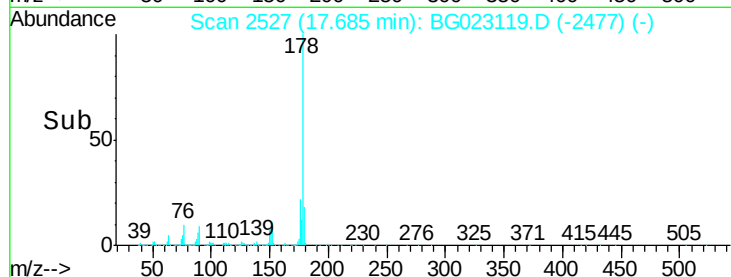
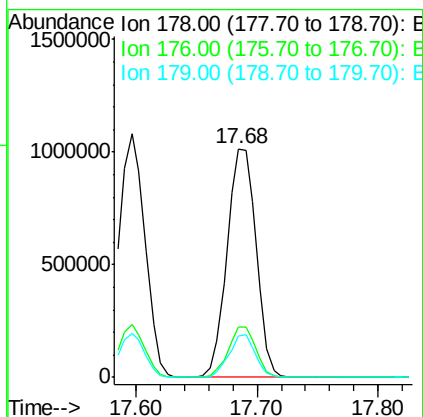
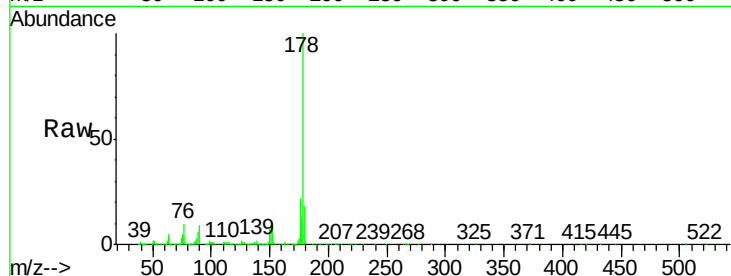




#71
 Anthracene
 Concen: 40.67 ng
 RT: 17.68 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

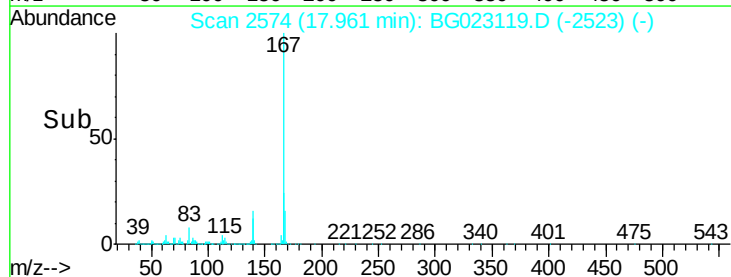
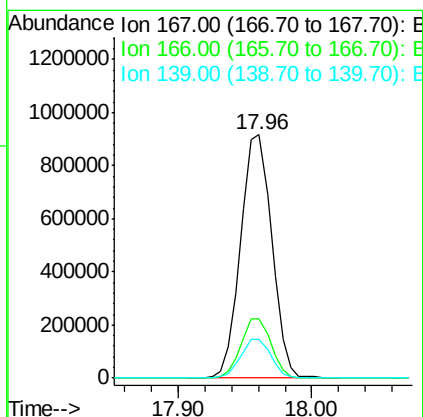
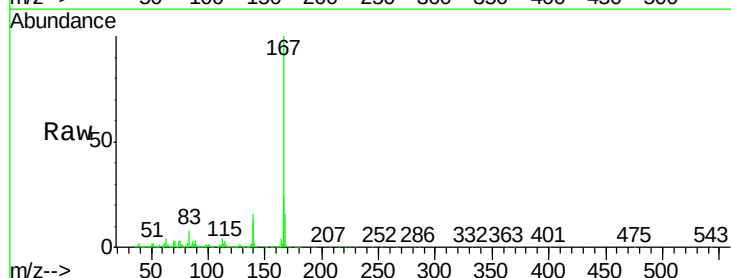
Instrument :
 BNA_G
 ClientSampleId :
 C5-9MSD

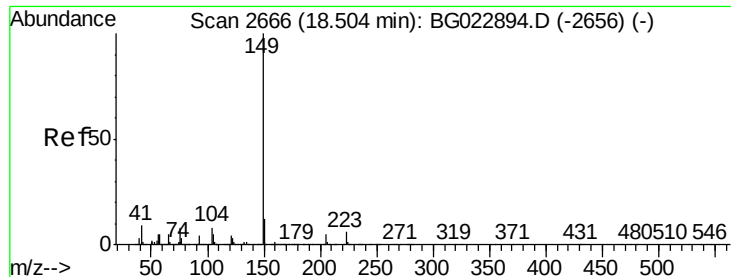
Tgt Ion:178 Resp: 1695199
 Ion Ratio Lower Upper
 178 100
 176 21.9 17.3 25.9
 179 18.1 14.0 21.0



#72
 Carbazole
 Concen: 41.14 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. -0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

Tgt Ion:167 Resp: 1481887
 Ion Ratio Lower Upper
 167 100
 166 24.4 20.7 31.1
 139 15.9 11.9 17.9





#73

Di-n-butylphthalate

Concen: 44.35 ng

RT: 18.50 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

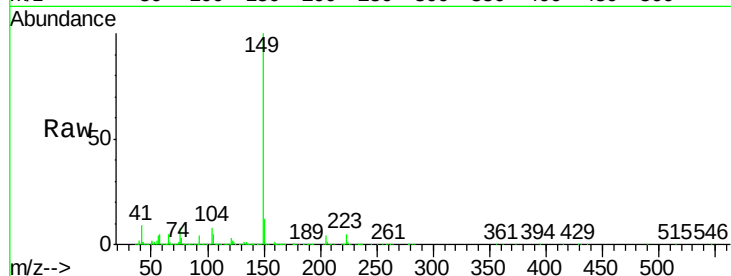
Tgt Ion:149 Resp: 1776248

Ion Ratio Lower Upper

149 100

150 11.6 9.1 13.7

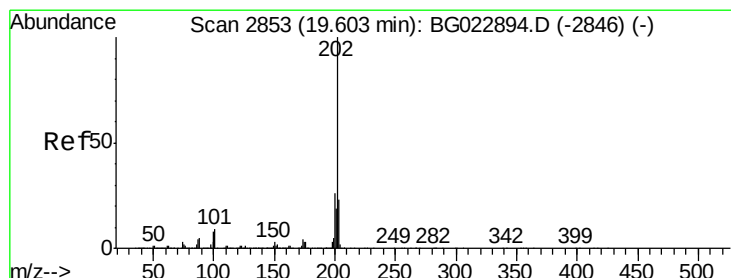
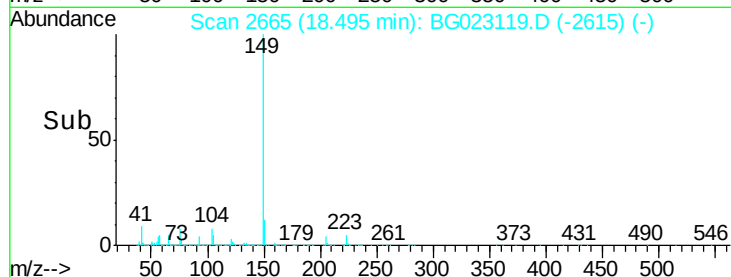
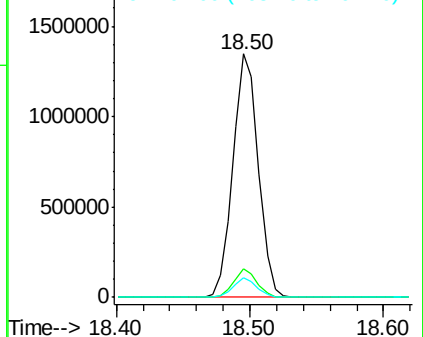
104 8.2 6.9 10.3



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: 38.32 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

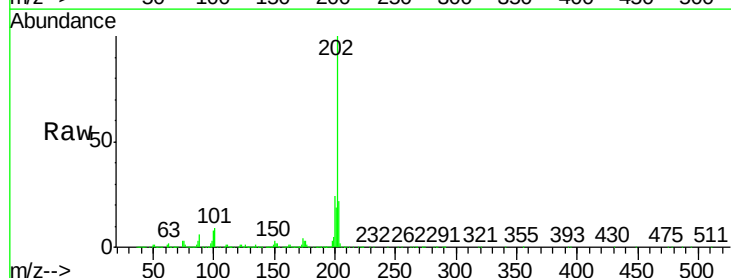
Tgt Ion:202 Resp: 1935567

Ion Ratio Lower Upper

202 100

101 9.2 0.0 27.4

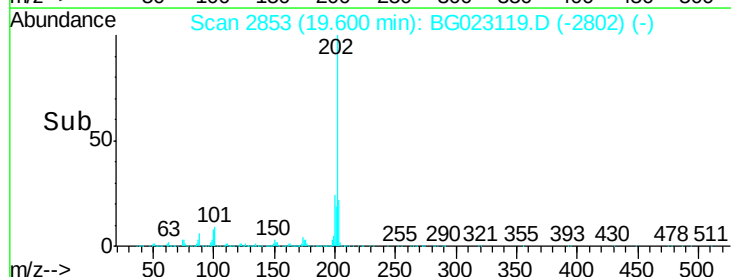
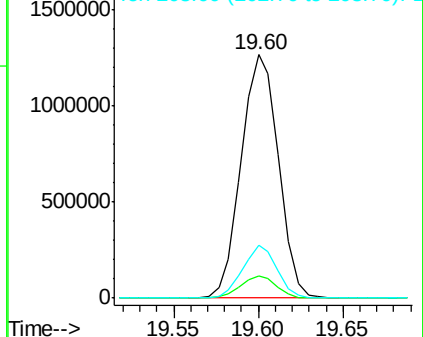
203 21.6 1.7 41.7

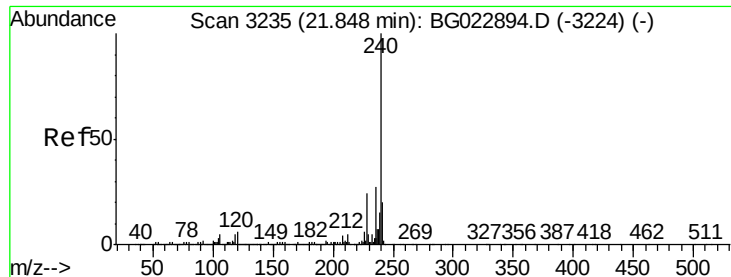


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

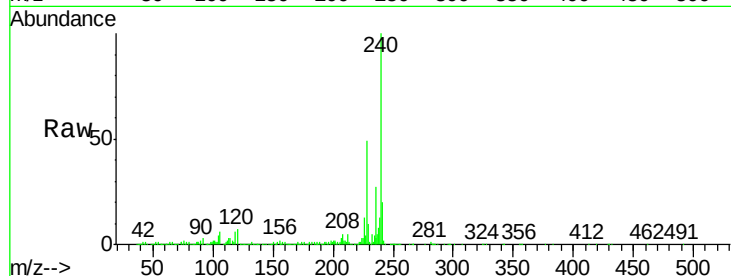
Tgt Ion:240 Resp: 897572

Ion Ratio Lower Upper

240 100

120 7.1 4.1 6.1#

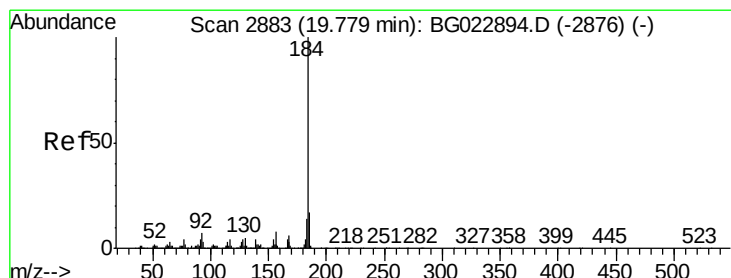
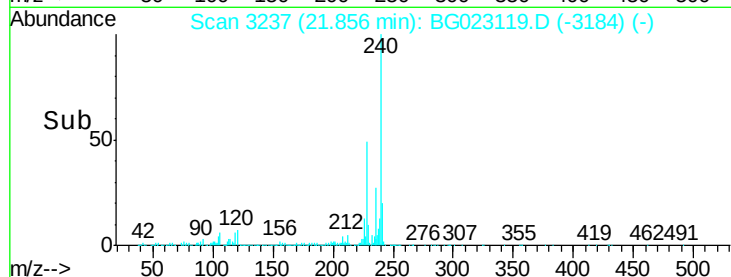
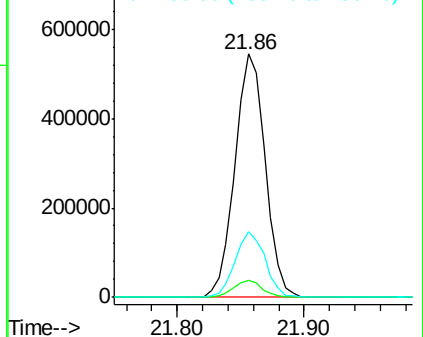
236 27.0 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.57 ng

RT: 19.78 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

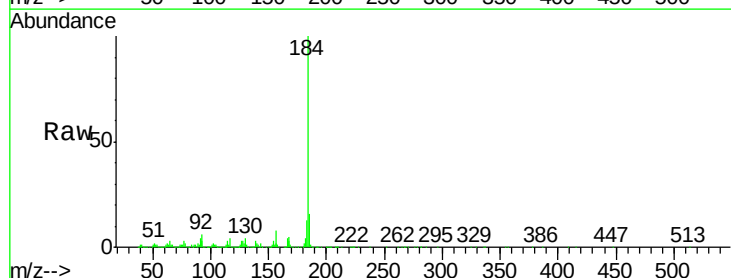
Tgt Ion:184 Resp: 966678

Ion Ratio Lower Upper

184 100

185 15.8 12.6 19.0

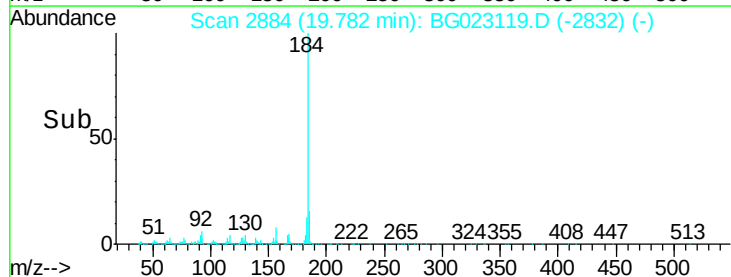
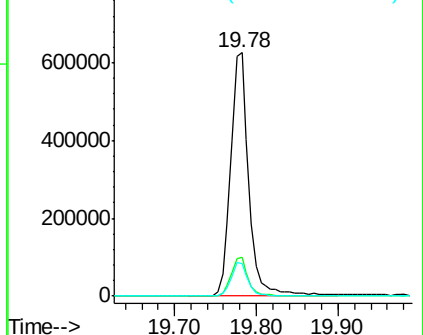
183 13.1 10.7 16.1

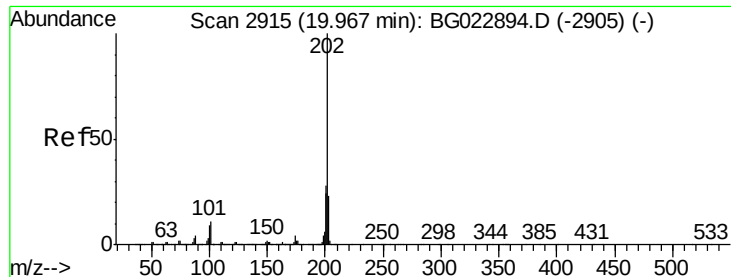


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

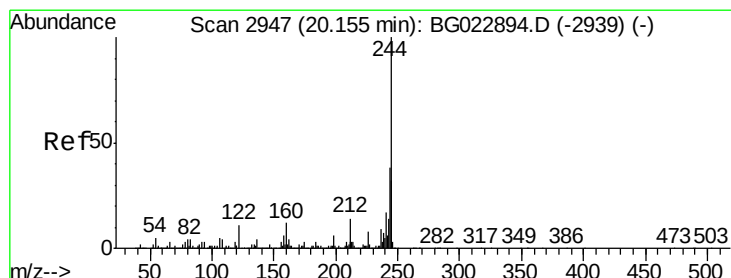
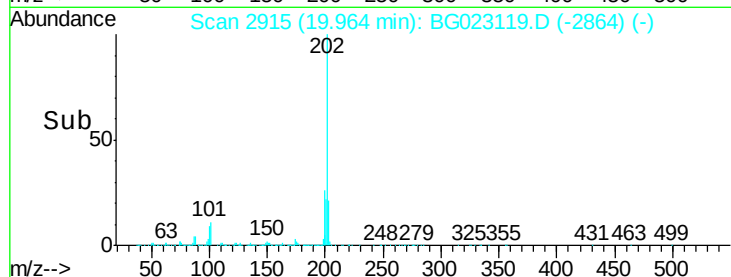
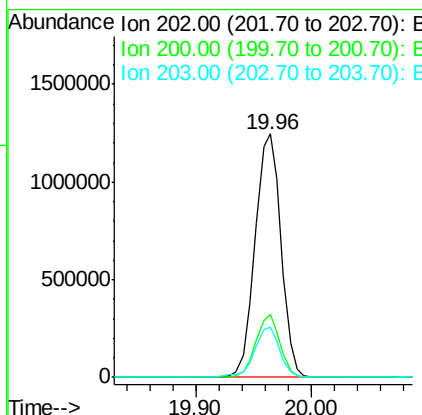
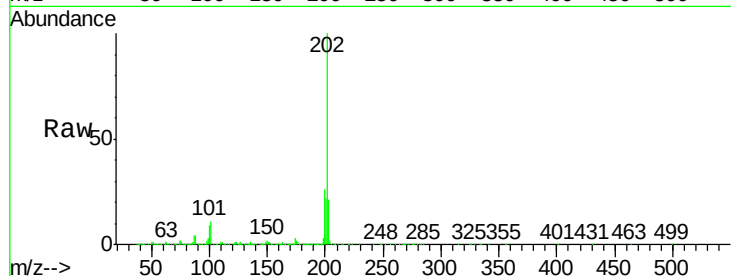




#77
 Pyrene
 Concen: 38.70 ng
 RT: 19.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

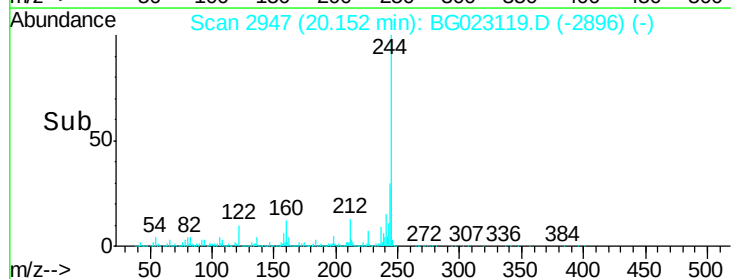
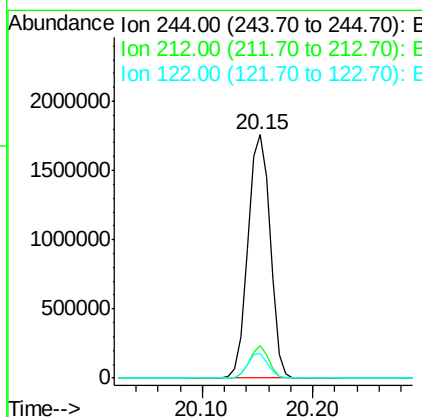
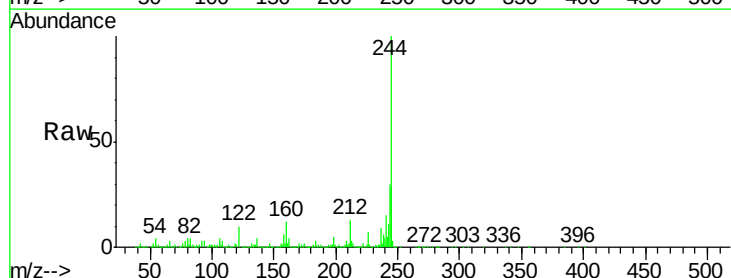
Instrument :
 BNA_G
 ClientSampleId :
 C5-9MSD

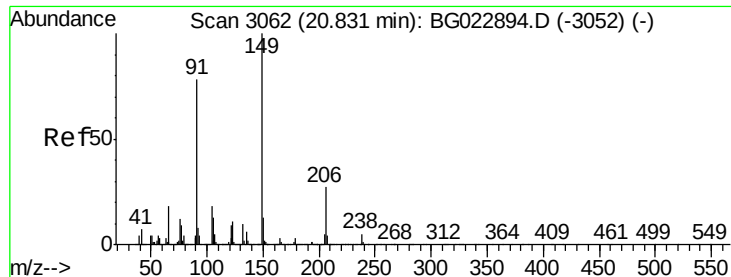
Tgt Ion:202 Resp: 1951821
 Ion Ratio Lower Upper
 202 100
 200 25.8 21.2 31.8
 203 20.8 16.8 25.2



#78
 Terphenyl-d14
 Concen: 89.95 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

Tgt Ion:244 Resp: 2489895
 Ion Ratio Lower Upper
 244 100
 212 13.3 10.8 16.2
 122 10.2 8.0 12.0

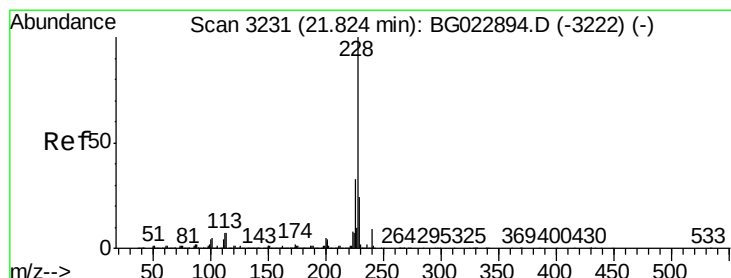
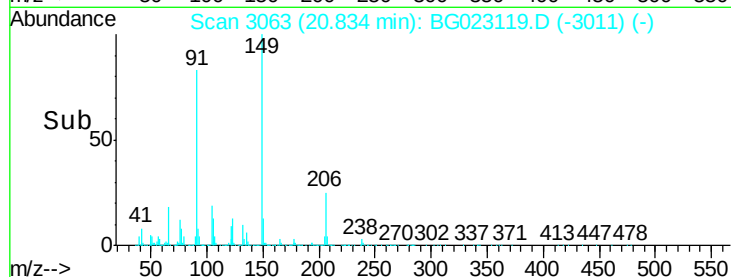
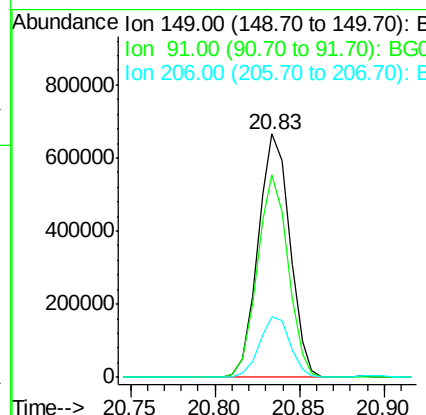
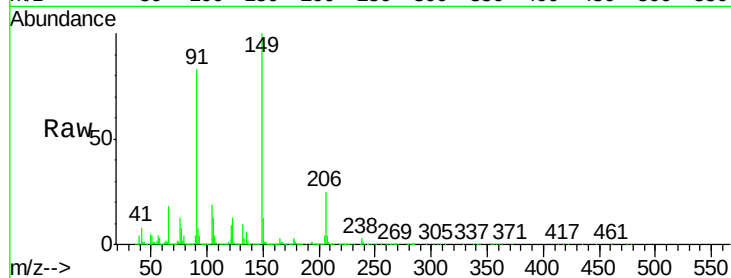




#79
Butylbenzylphthalate
Concen: 43.65 ng
RT: 20.83 min Scan# 3063
Delta R.T. 0.00 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

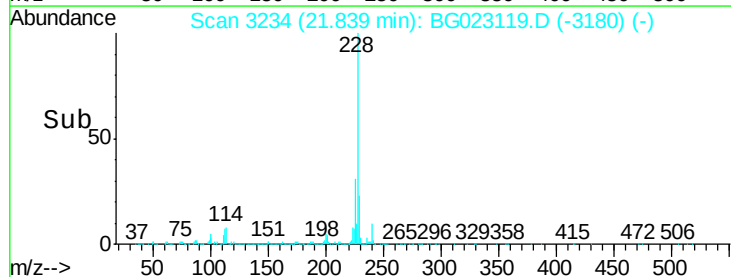
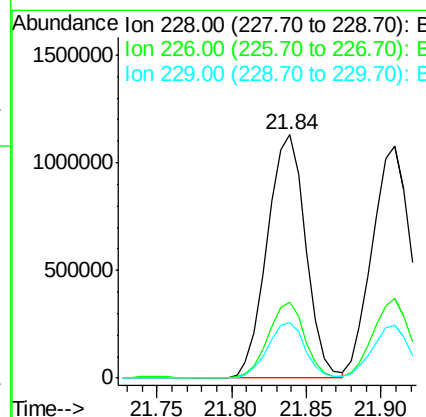
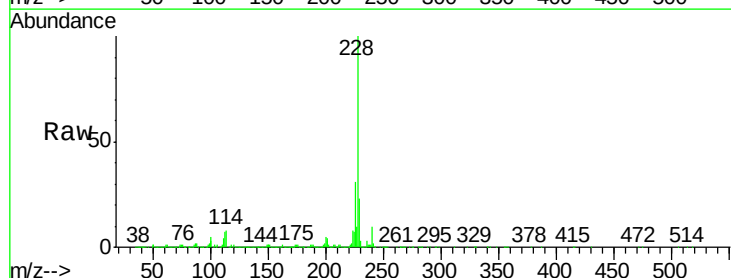
Instrument :
BNA_G
ClientSampleId :
C5-9MSD

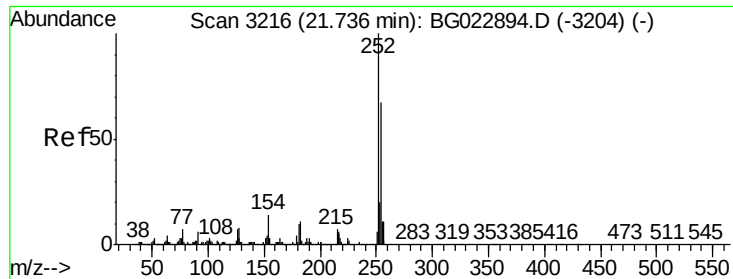
Tgt Ion:149 Resp: 872121
Ion Ratio Lower Upper
149 100
91 83.4 68.1 102.1
206 24.8 19.8 29.6



#80
Benzo(a)anthracene
Concen: 40.33 ng
RT: 21.84 min Scan# 3234
Delta R.T. 0.01 min
Lab File: BG023119.D
Acq: 15 Jul 2016 18:49

Tgt Ion:228 Resp: 2025412
Ion Ratio Lower Upper
228 100
226 31.4 25.3 37.9
229 22.7 19.9 29.9

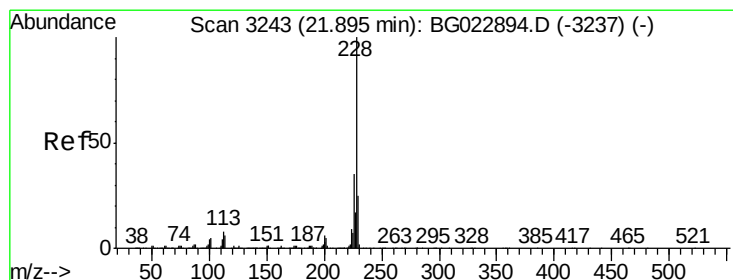
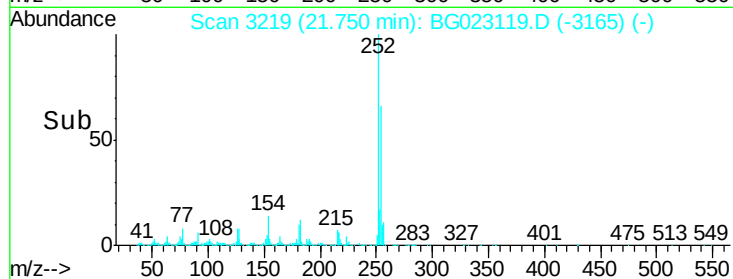
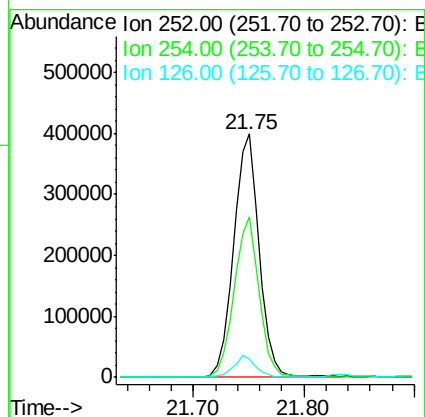
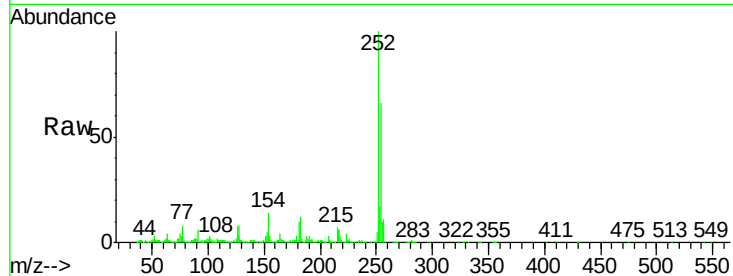




#81
 3,3'-Dichlorobenzidine
 Concen: 29.24 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. 0.01 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

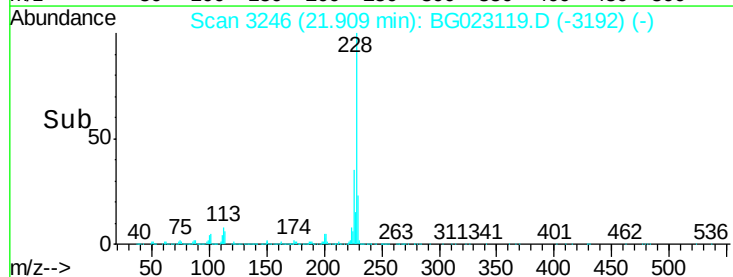
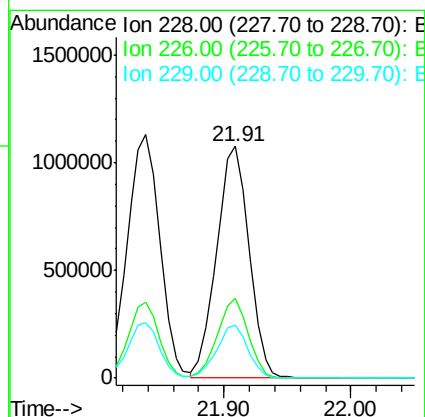
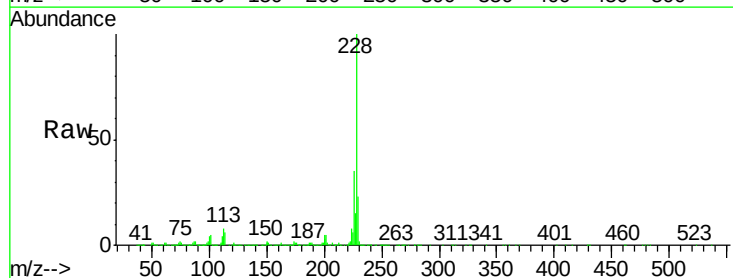
Instrument :
 BNA_G
 ClientSampleId :
 C5-9MSD

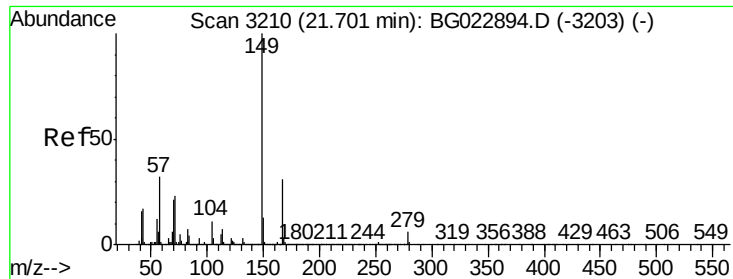
Tgt Ion:252 Resp: 644541
 Ion Ratio Lower Upper
 252 100
 254 66.0 51.2 76.8
 126 7.7 5.3 7.9



#82
 Chrysene
 Concen: 40.56 ng
 RT: 21.91 min Scan# 3246
 Delta R.T. 0.01 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

Tgt Ion:228 Resp: 1910570
 Ion Ratio Lower Upper
 228 100
 226 34.6 26.7 40.1
 229 22.7 17.4 26.2

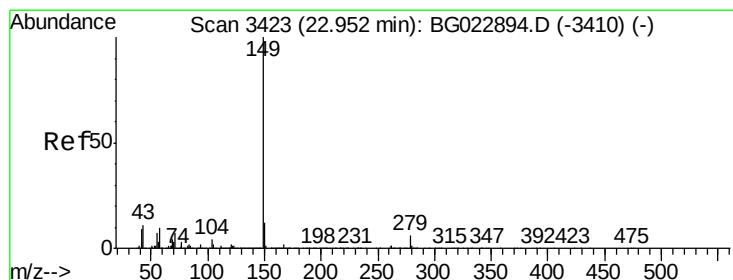
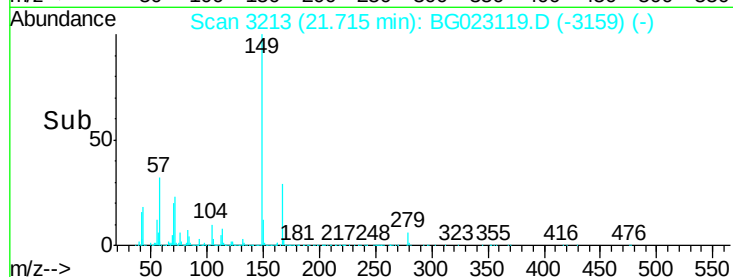
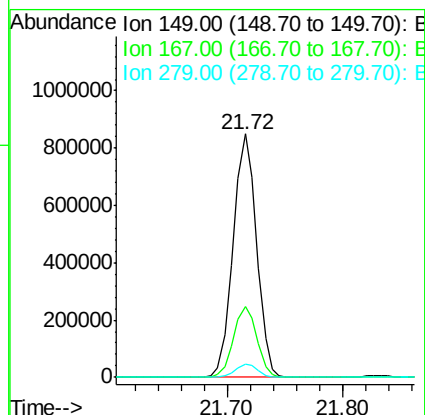
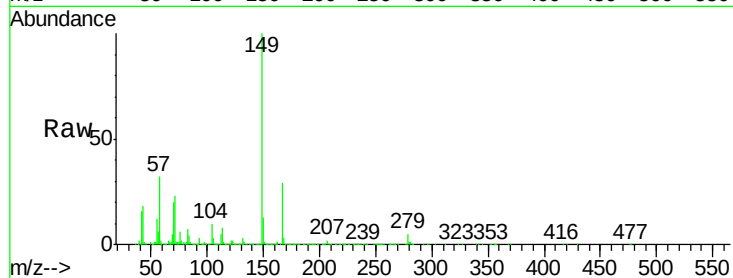




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.96 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. 0.01 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

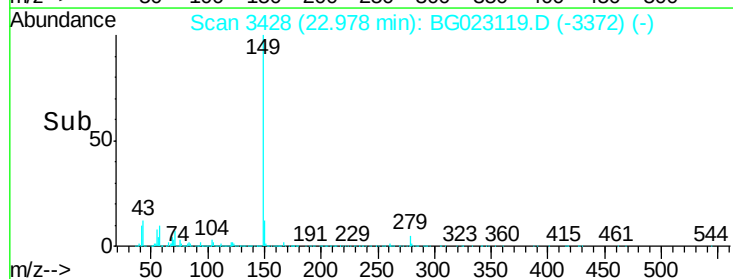
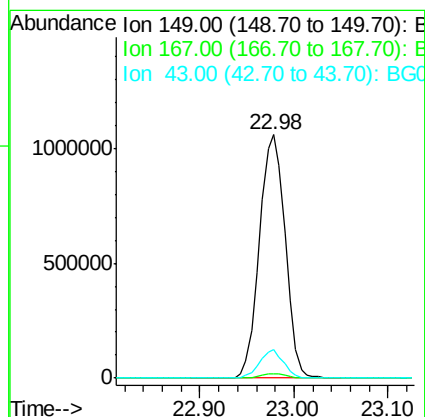
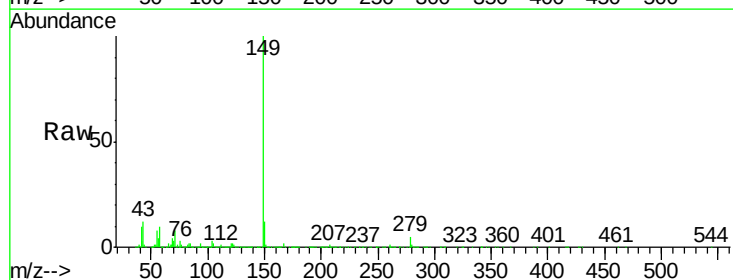
Instrument :
 BNA_G
 ClientSampleId :
 C5-9MSD

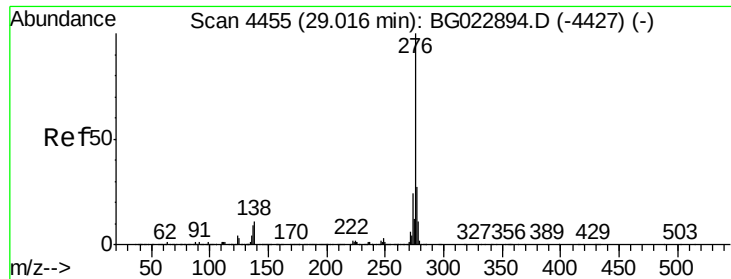
Tgt Ion:149 Resp: 1191764
 Ion Ratio Lower Upper
 149 100
 167 29.1 24.0 36.0
 279 5.5 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 43.33 ng
 RT: 22.98 min Scan# 3428
 Delta R.T. 0.03 min
 Lab File: BG023119.D
 Acq: 15 Jul 2016 18:49

Tgt Ion:149 Resp: 2004799
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 10.7 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.23 ng

RT: 29.09 min Scan# 4468

Delta R.T. 0.07 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

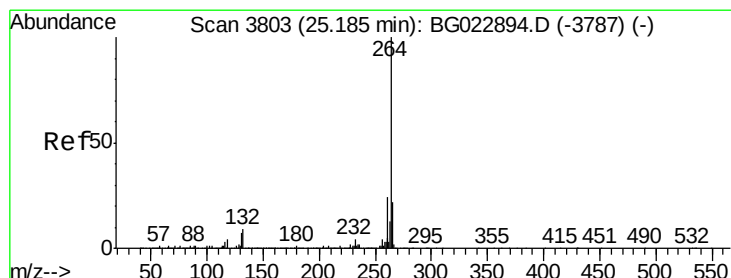
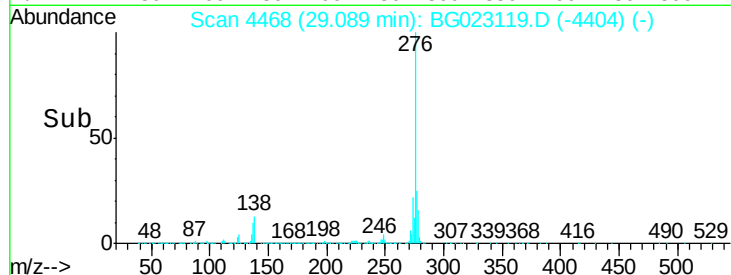
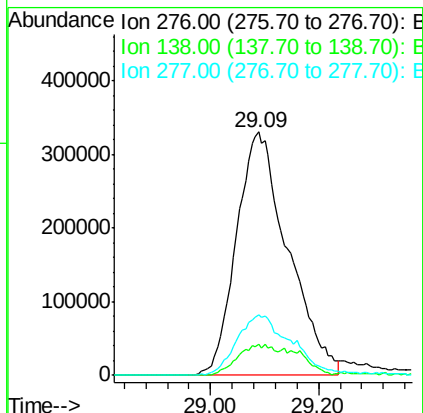
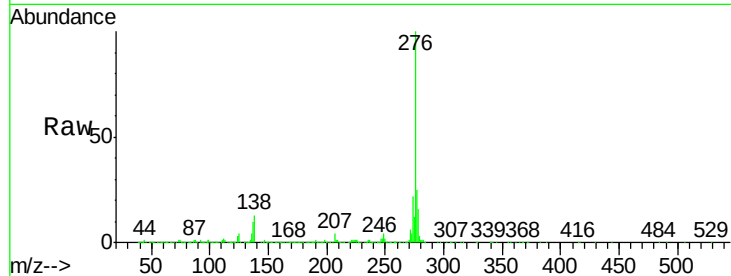
Tgt Ion:276 Resp: 2176029

Ion Ratio Lower Upper

276 100

138 9.1 0.0 0.0#

277 26.5 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.22 min Scan# 3810

Delta R.T. 0.04 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

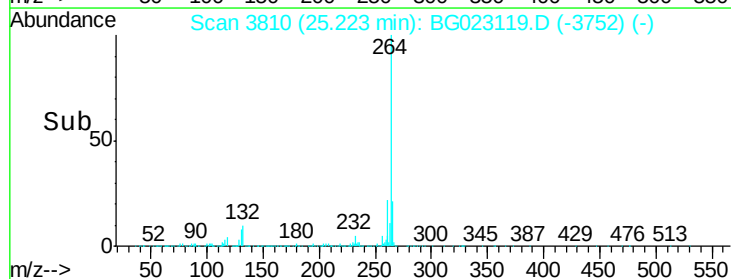
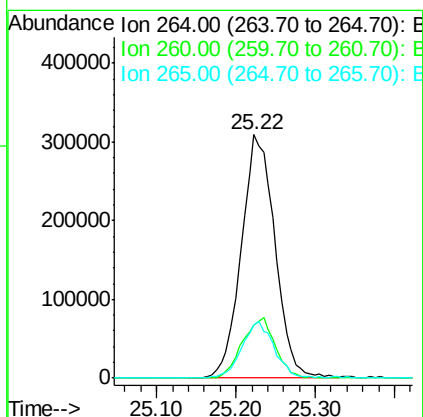
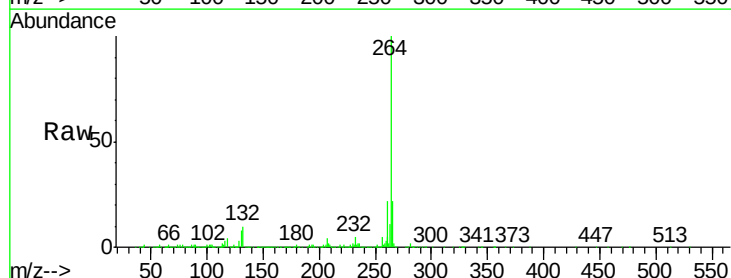
Tgt Ion:264 Resp: 914264

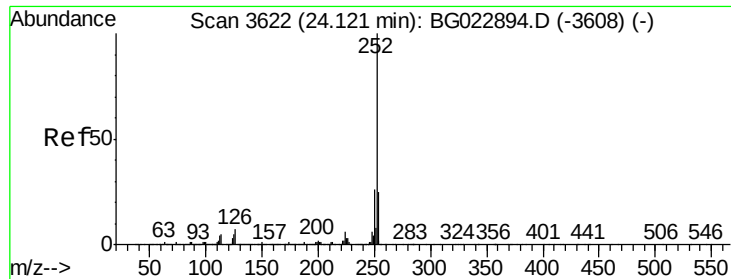
Ion Ratio Lower Upper

264 100

260 21.8 18.4 27.6

265 21.6 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 40.20 ng

RT: 24.15 min Scan# 3628

Delta R.T. 0.03 min

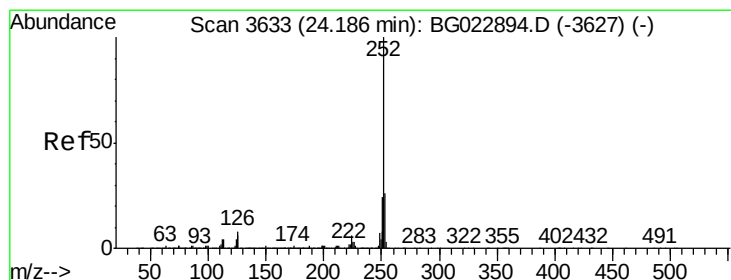
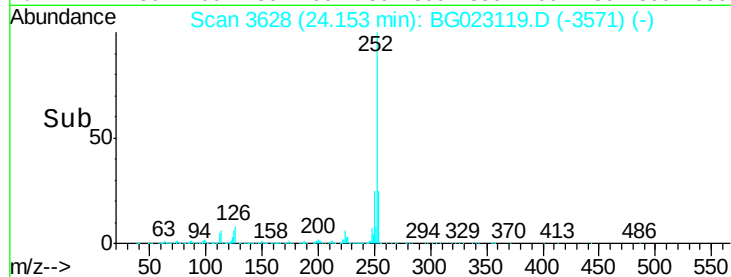
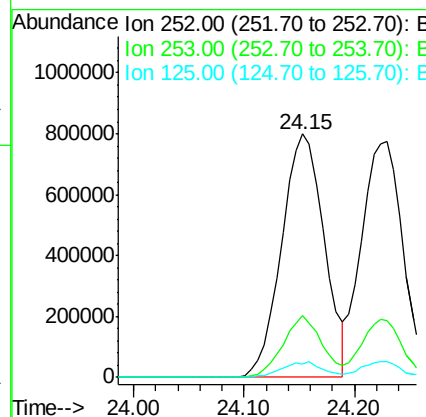
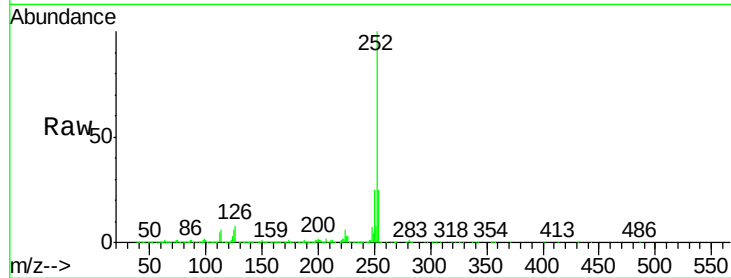
Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :
BNA_G
ClientSampleId :
C5-9MSD

Tgt Ion:252 Resp: 2120344

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.9	28.3
125	5.6	3.9	5.9



#88

Benzo(k)fluoranthene

Concen: 40.43 ng

RT: 24.23 min Scan# 3641

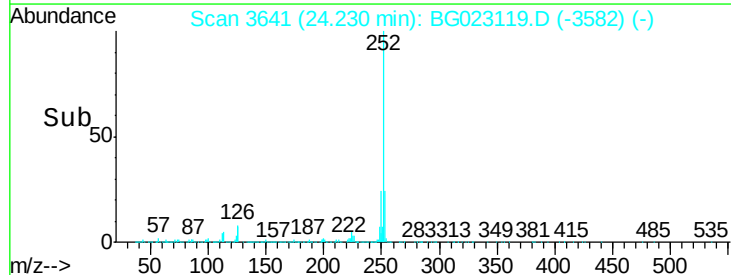
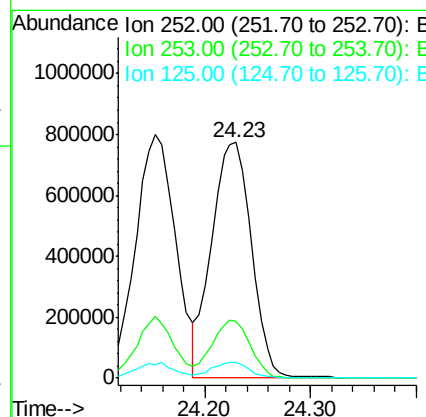
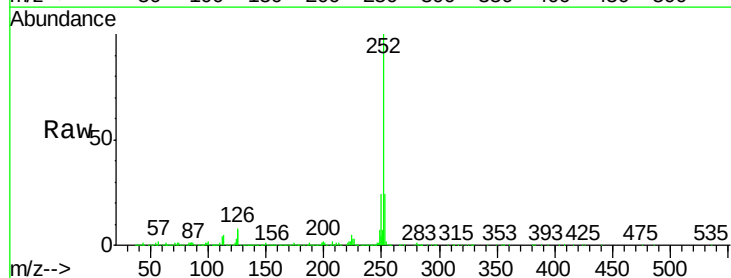
Delta R.T. 0.04 min

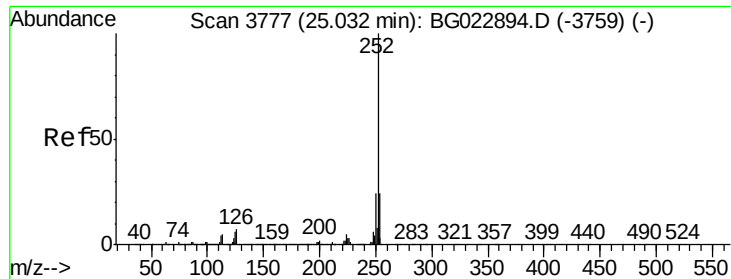
Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Tgt Ion:252 Resp: 2023813

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.8	28.2
125	6.5	3.2	4.8





#89

Benzo(a)pyrene

Concen: 40.66 ng

RT: 25.07 min Scan# 3784

Delta R.T. 0.04 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

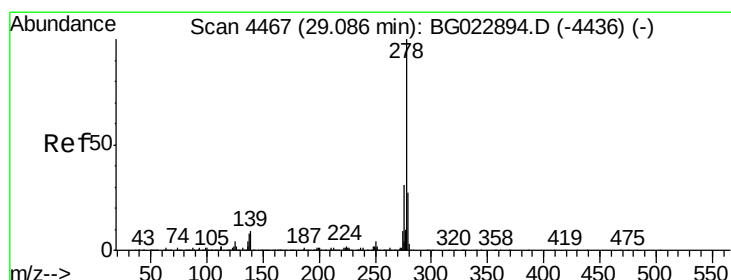
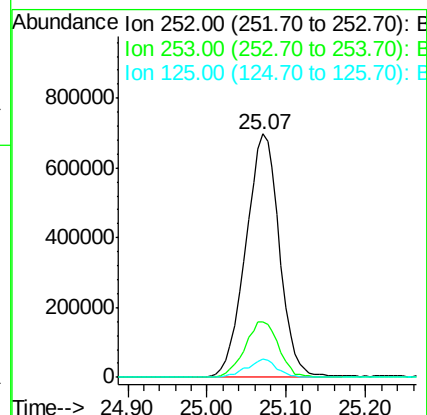
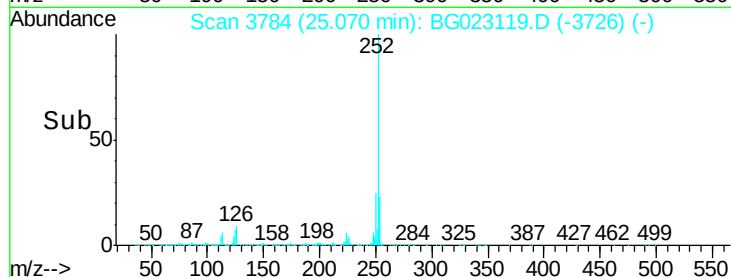
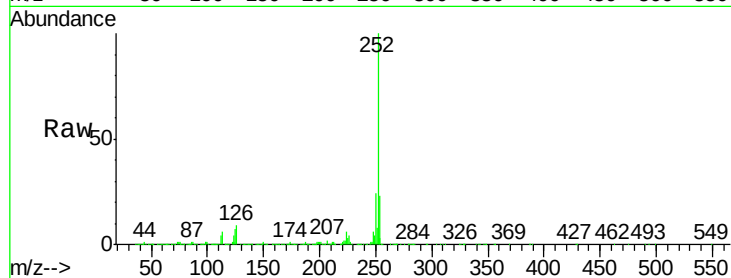
Tgt Ion:252 Resp: 2055766

Ion Ratio Lower Upper

252 100

253 22.9 18.7 28.1

125 7.5 3.9 5.9#



#90

Dibenzo(a,h)anthracene

Concen: 36.42 ng

RT: 29.15 min Scan# 4479

Delta R.T. 0.07 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

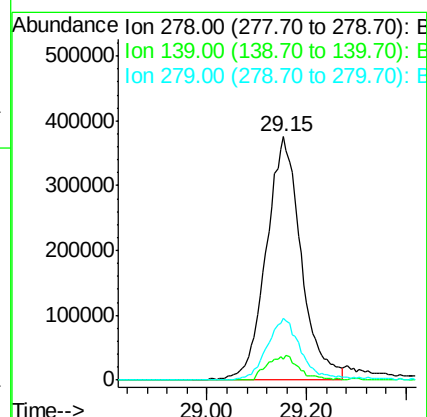
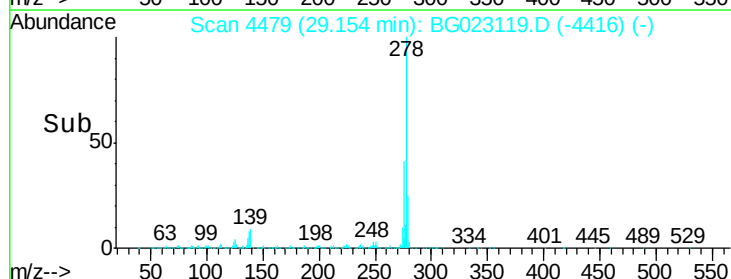
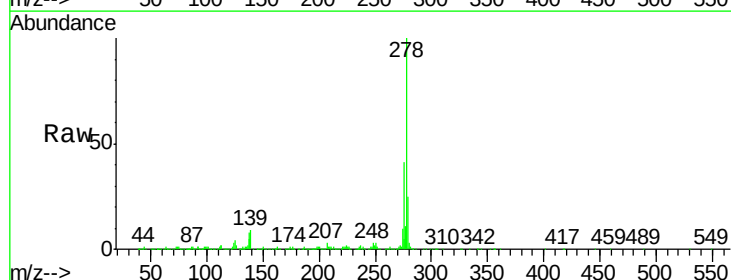
Tgt Ion:278 Resp: 1827488

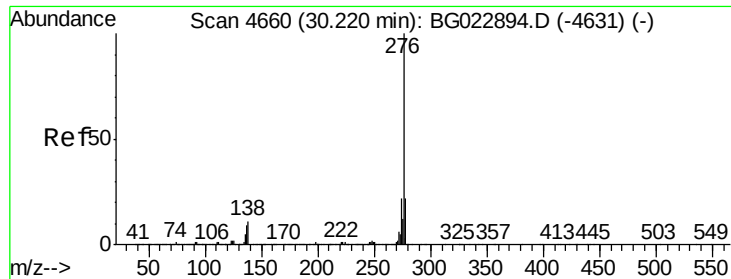
Ion Ratio Lower Upper

278 100

139 8.8 4.7 7.1#

279 25.2 18.3 27.5





#91

Benzo(g,h,i)perylene

Concen: 35.48 ng

RT: 30.30 min Scan# 4674

Delta R.T. 0.08 min

Lab File: BG023119.D

Acq: 15 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

C5-9MSD

Tgt Ion:276 Resp: 1783095

Ion Ratio Lower Upper

276 100

277 25.3 18.6 27.8

138 11.6 6.8 10.2#

