

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022935.D
 Acq On : 8 Jul 2016 18:05
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 09 00:24:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	114888	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	539976	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	415841	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1001586	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1152849	20.00	ng	0.00
86) Perylene-d12	25.20	264	1199709	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	546153	77.75	ng	0.00
7) Phenol-d6	7.31	99	907312	82.47	ng	0.00
23) Nitrobenzene-d5	9.32	82	1034211	82.01	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	543399	72.71	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2091303	79.21	ng	0.00
78) Terphenyl-d14	20.15	244	2963080	79.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	111006	40.66	ng	96
3) Pyridine	3.97	79	378555	40.52	ng	95
4) n-Nitrosodimethylamine	3.88	42	165655	41.33	ng	95
6) Aniline	7.47	93	625049	40.99	ng	95
8) 2-Chlorophenol	7.71	128	310653	41.56	ng	98
9) Benzaldehyde	7.29	77	301406	41.00	ng	95
10) Phenol	7.33	94	464949	41.07	ng	94
11) bis(2-Chloroethyl)ether	7.56	93	359724	40.09	ng	96
12) 1,3-Dichlorobenzene	8.04	146	365437	39.93	ng	96
13) 1,4-Dichlorobenzene	8.19	146	371509	40.55	ng	99
14) 1,2-Dichlorobenzene	8.51	146	367161	40.31	ng	95
15) Benzyl Alcohol	8.39	79	421164	41.79	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	450206	41.08	ng	95
17) 2-Methylphenol	8.60	107	297534	40.38	ng	96
18) Hexachloroethane	9.25	117	155555	40.23	ng	90
19) n-Nitroso-di-n-propylamine	8.96	70	397610	40.09	ng	98
20) 3+4-Methylphenols	8.92	107	434982	42.33	ng	97
22) Acetophenone	8.98	105	642220	39.63	ng	# 93
24) Nitrobenzene	9.37	77	553570	41.31	ng	97
25) Isophorone	9.89	82	997802	39.34	ng	97
26) 2-Nitrophenol	10.08	139	214068	40.71	ng	88
27) 2,4-Dimethylphenol	10.13	122	367760	40.46	ng	92
28) bis(2-Chloroethoxy)methane	10.37	93	570031	40.30	ng	99
29) 2,4-Dichlorophenol	10.62	162	397519	41.01	ng	100
30) 1,2,4-Trichlorobenzene	10.84	180	466150	41.96	ng	96
31) Naphthalene	11.03	128	1122706	40.84	ng	99
32) Benzoic acid	10.29	122	324360	39.23	ng	93
33) 4-Chloroaniline	11.14	127	546422	40.65	ng	97
34) Hexachlorobutadiene	11.31	225	370986	41.20	ng	95
35) Caprolactam	11.92	113	144124	36.14	ng	98
36) 4-Chloro-3-methylphenol	12.26	107	526920	39.74	ng	98
37) 2-Methylnaphthalene	12.63	142	873862	40.22	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	731643	40.83	ng	98
40) Hexachlorocyclopentadiene	12.97	237	400260	38.80	ng	97

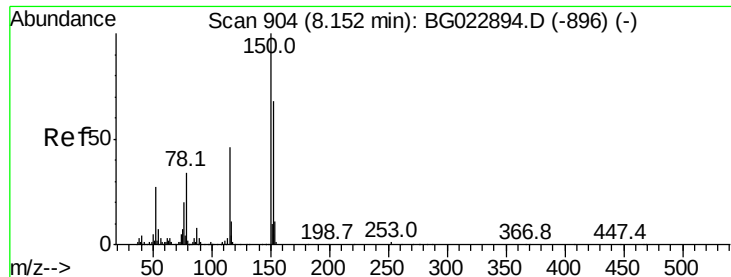
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022935.D
 Acq On : 8 Jul 2016 18:05
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 09 00:24:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	416063	40.39	nq	97
43) 2,4,5-Trichlorophenol	13.31	196	418531	39.57	nq	96
45) 1,1'-Biphenyl	13.63	154	1254978	40.22	nq	96
46) 2-Chloronaphthalene	13.68	162	1033624	40.84	nq	95
47) 2-Nitroaniline	13.88	65	441110	40.85	nq	96
48) Acenaphthylene	14.52	152	1511406	39.81	nq	99
49) Dimethylphthalate	14.24	163	1287299	37.90	nq	98
50) 2,6-Dinitrotoluene	14.37	165	286693	37.55	nq	90
51) Acenaphthene	14.86	154	983239	39.63	nq	95
52) 3-Nitroaniline	14.71	138	293896	38.61	nq	88
53) 2,4-Dinitrophenol	14.91	184	166268	31.74	nq	89
54) Dibenzofuran	15.19	168	1435984	38.67	nq	100
55) 4-Nitrophenol	15.01	139	236199	37.02	nq	94
56) 2,4-Dinitrotoluene	15.15	165	421179	37.84	nq	94
57) Fluorene	15.85	166	1248835	39.07	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	403789	38.16	nq	# 99
59) Diethylphthalate	15.60	149	1281141	37.07	nq	96
60) 4-Chlorophenyl-phenylether	15.83	204	745767	38.31	nq	96
61) 4-Nitroaniline	15.87	138	308819	37.49	nq	# 87
62) Azobenzene	16.12	77	1308013	39.57	nq	95
64) 4,6-Dinitro-2-methylphenol	15.92	198	272830	36.65	nq	95
65) n-Nitrosodiphenylamine	16.05	169	1164051	40.34	nq	96
66) 4-Bromophenyl-phenylether	16.73	248	501641	38.50	nq	93
67) Hexachlorobenzene	16.85	284	560692	39.57	nq	98
68) Atrazine	16.99	200	497047	38.83	nq	98
69) Pentachlorophenol	17.20	266	339693	37.02	nq	94
70) Phenanthrene	17.59	178	1967125	40.08	nq	98
71) Anthracene	17.68	178	2005488	40.35	nq	98
72) Carbazole	17.96	167	1739670	40.51	nq	99
73) Di-n-butylphthalate	18.50	149	2011741	42.12	nq	99
74) Fluoranthene	19.60	202	2372791	39.39	nq	98
76) Benzidine	19.78	184	1227334	37.14	nq	99
77) Pyrene	19.96	202	2438402	37.64	nq	98
79) Butylbenzylphthalate	20.83	149	1031570	40.20	nq	98
80) Benzo(a)anthracene	21.83	228	2568684	39.82	nq	98
81) 3,3'-Dichlorobenzidine	21.73	252	1117580	39.47	nq	96
82) Chrysene	21.90	228	2423262	40.05	nq	96
83) Bis(2-ethylhexyl)phthalate	21.70	149	1411387	39.61	nq	97
84) Di-n-octyl phthalate	22.96	149	2406437	40.50	nq	99
85) Indeno(1,2,3-cd)pyrene	29.05	276	3059216	39.66	nq	# 100
87) Benzo(b)fluoranthene	24.21	252	2690712	38.87	nq	99
88) Benzo(k)fluoranthene	24.21	252	2690712	40.96	nq	# 98
89) Benzo(a)pyrene	25.05	252	2655336	40.02	nq	99
90) Dibenzo(a,h)anthracene	29.12	278	2650909	40.26	nq	# 94
91) Benzo(g,h,i)perylene	30.26	276	2682870	40.68	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampled :

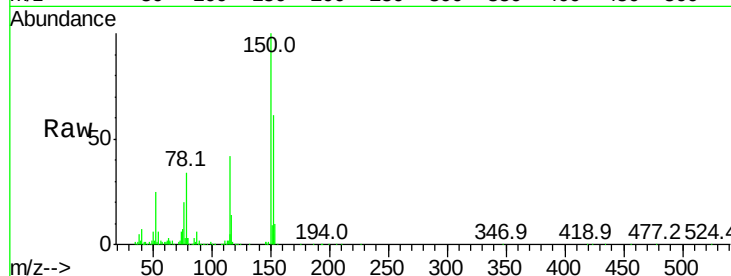
Tot Ion:152 Resp: 114888

Ion Ratio Lower Upper

152 100

150 164.2 144.7 217.1

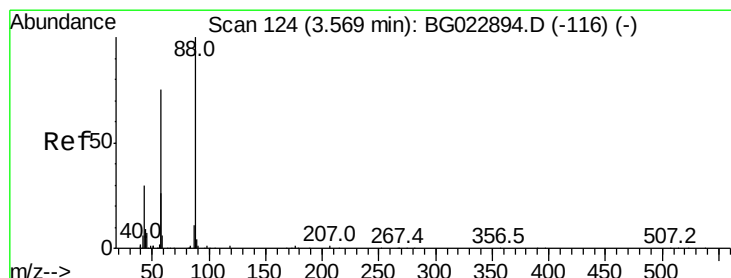
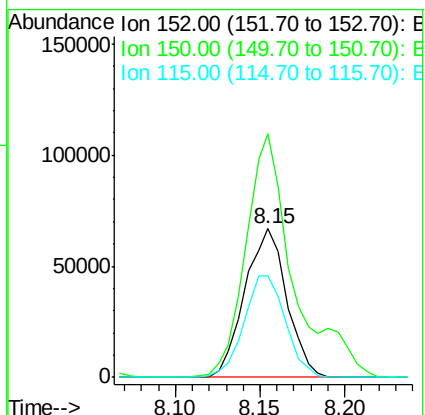
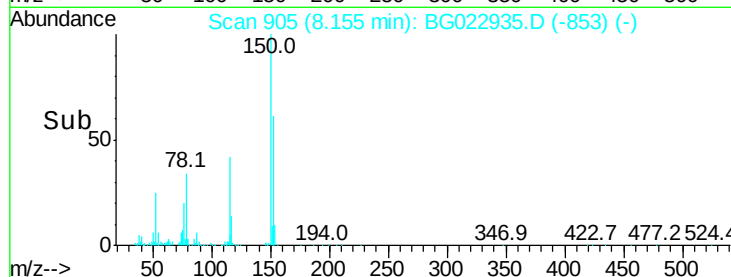
115 68.8 64.0 96.0



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: 40.66 ng

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

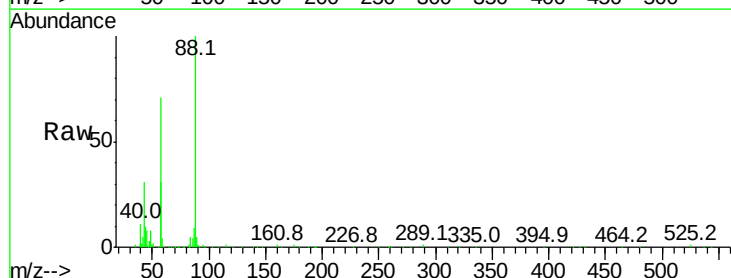
Tgt Ion: 88 Resp: 111006

Ion Ratio Lower Upper

88 100

58 74.8 60.4 90.6

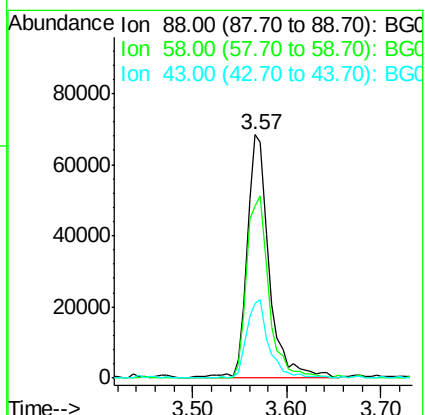
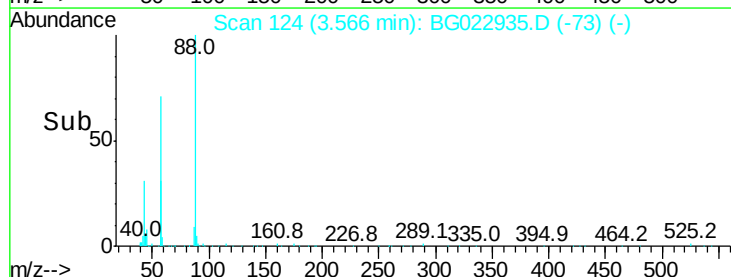
43 31.9 31.1 46.7

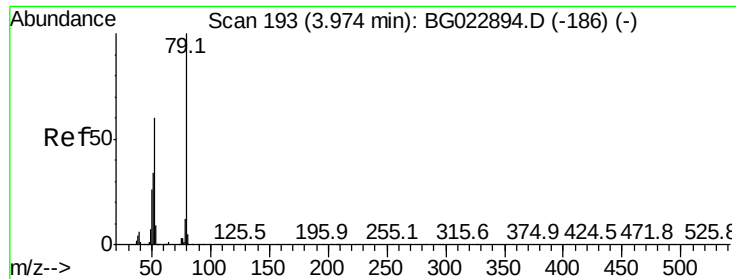


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.52 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

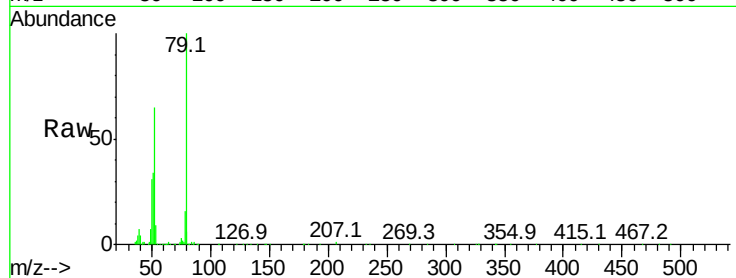
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 378555

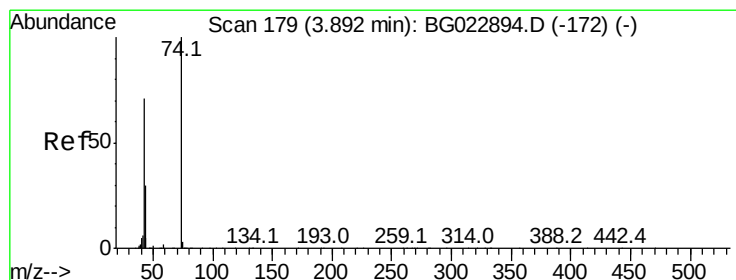
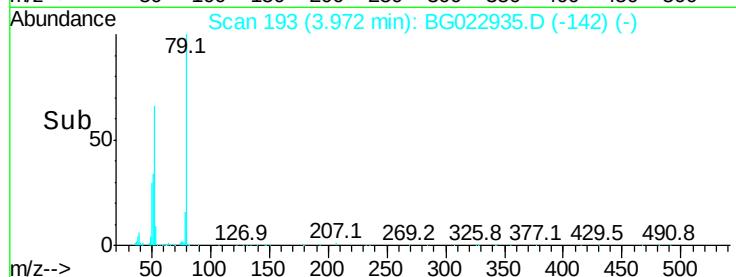
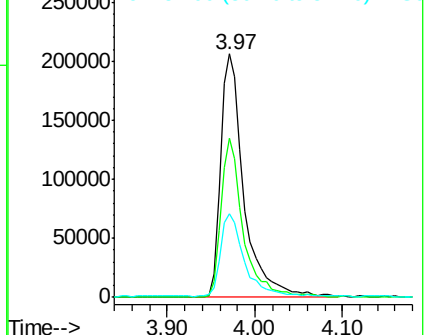
Ion	Ratio	Lower	Upper
79	100		
52	65.5	51.8	77.8
51	34.3	32.7	49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.33 ng

RT: 3.88 min Scan# 178

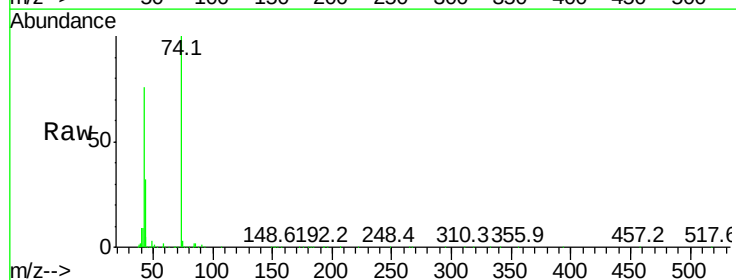
Delta R.T. -0.01 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Tgt Ion: 42 Resp: 165655

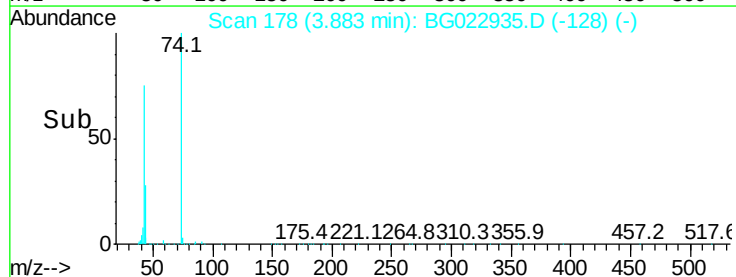
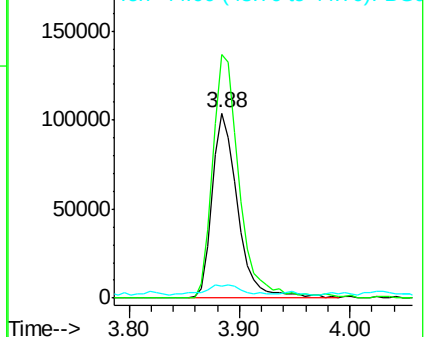
Ion	Ratio	Lower	Upper
42	100		
74	131.8	100.6	150.8
44	6.3	4.5	6.7

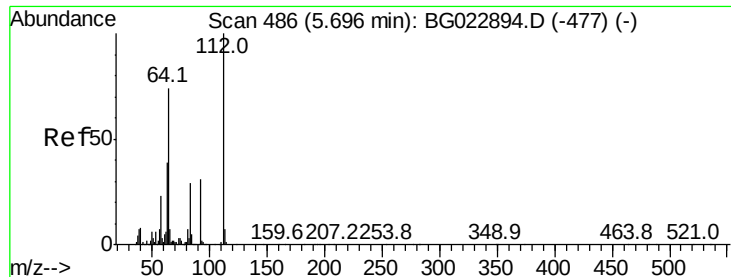


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 77.75 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

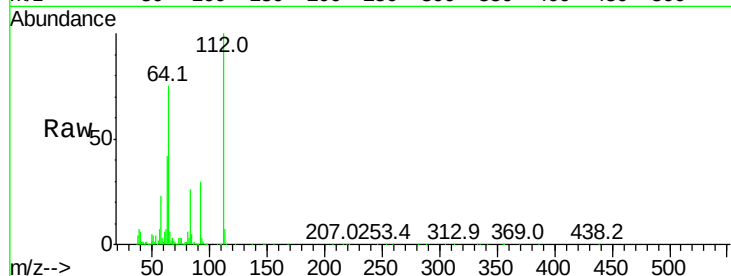
Tot Ion:112 Resp: 546153

Ion Ratio Lower Upper

112 100

64 74.8 59.0 88.4

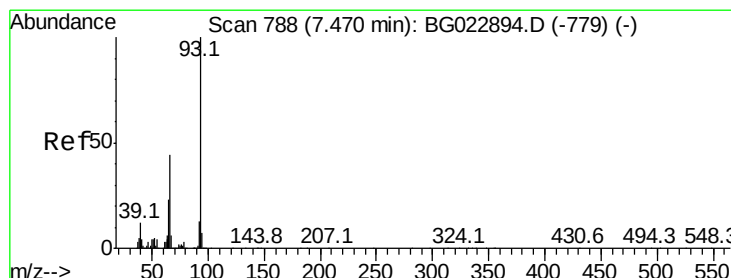
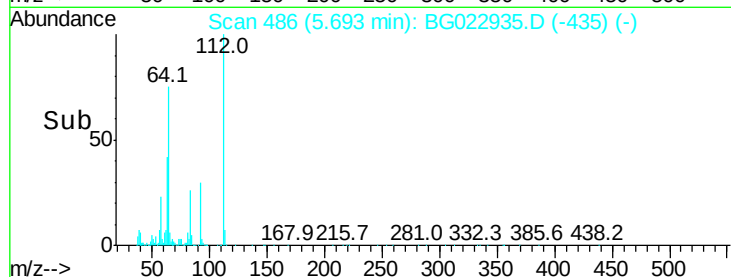
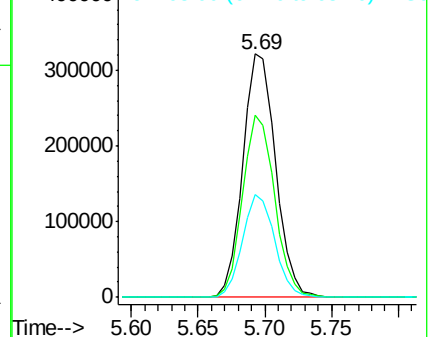
63 42.1 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.99 ng

RT: 7.47 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

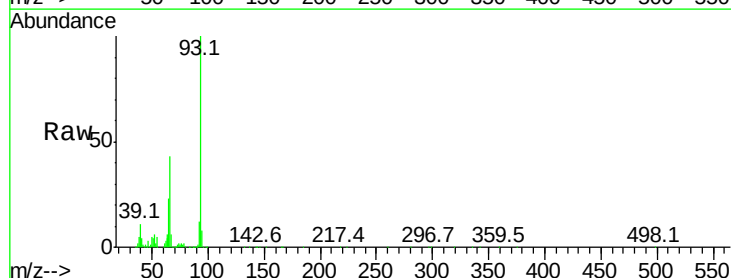
Tgt Ion: 93 Resp: 625049

Ion Ratio Lower Upper

93 100

66 42.8 37.5 56.3

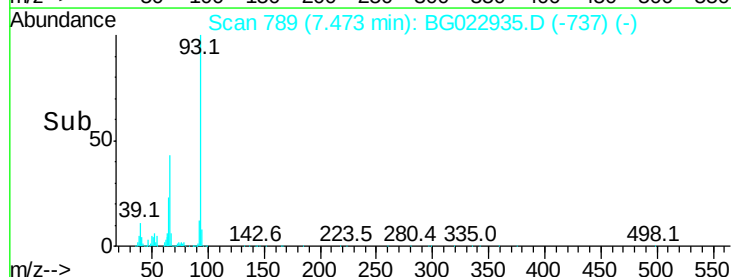
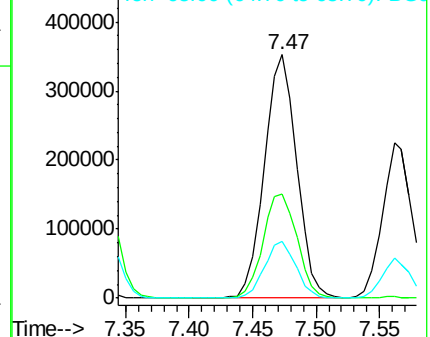
65 23.2 17.9 26.9

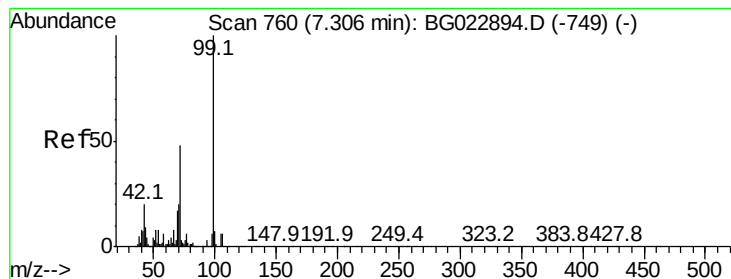


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.47 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

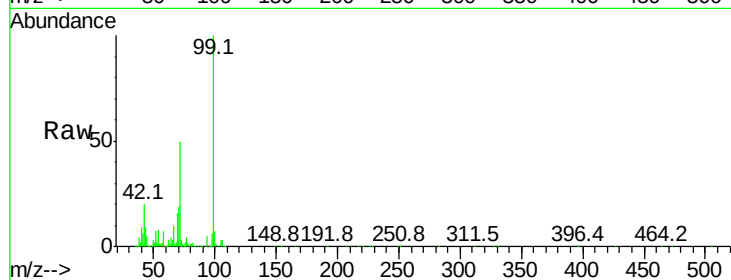
Tot Ion: 99 Resp: 907312

Ion Ratio Lower Upper

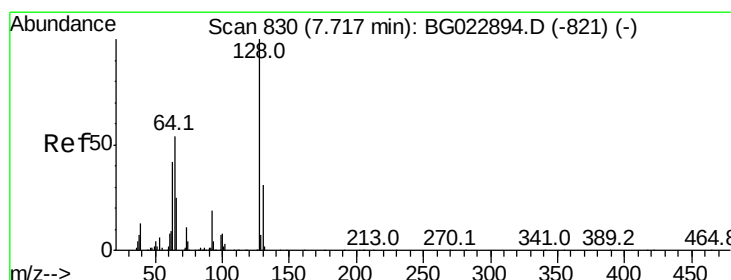
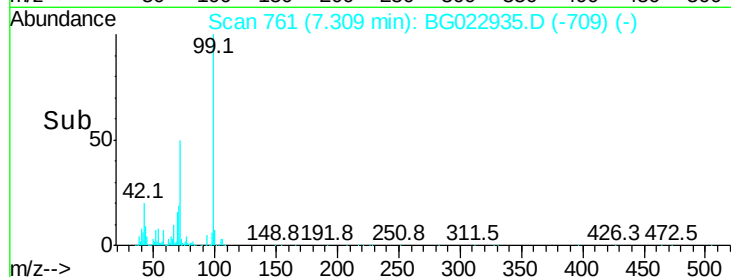
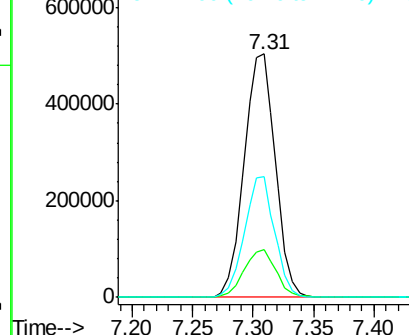
99 100

42 19.9 17.8 26.6

71 49.7 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.56 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

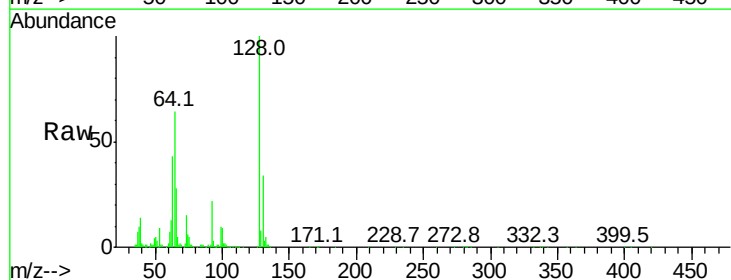
Tgt Ion: 128 Resp: 310653

Ion Ratio Lower Upper

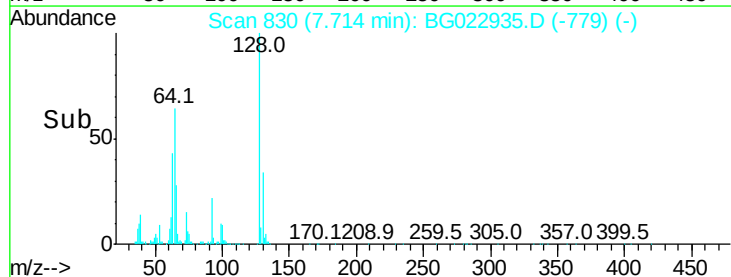
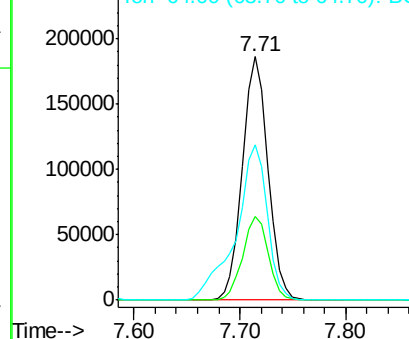
128 100

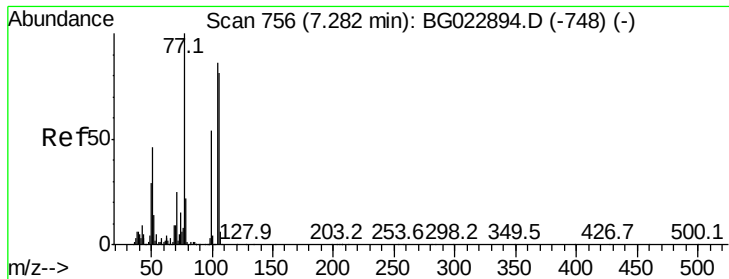
130 34.2 12.9 52.9

64 64.0 42.0 82.0



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





#9

Benzaldehyde

Concen: 41.00 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

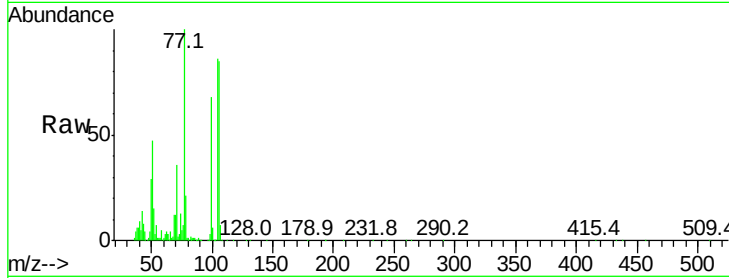
Tot Ion: 77 Resp: 301406

Ion Ratio Lower Upper

77 100

105 86.1 58.7 98.7

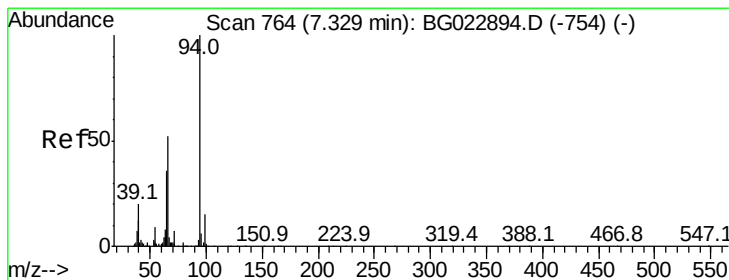
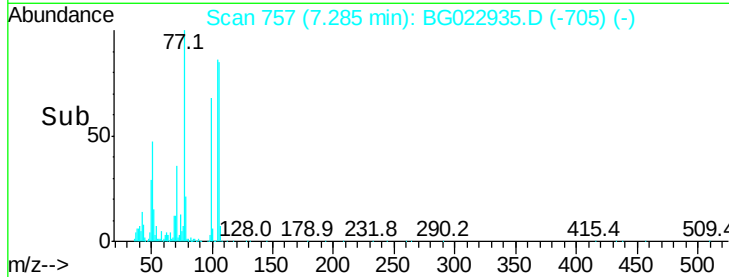
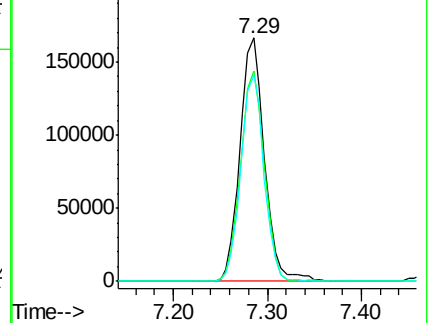
106 84.9 67.5 107.5



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: 41.07 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

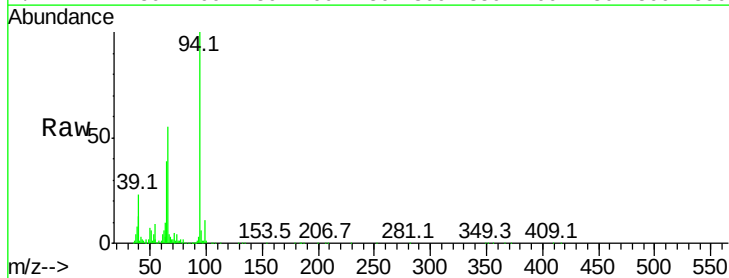
Tgt Ion: 94 Resp: 464949

Ion Ratio Lower Upper

94 100

65 39.1 18.1 58.1

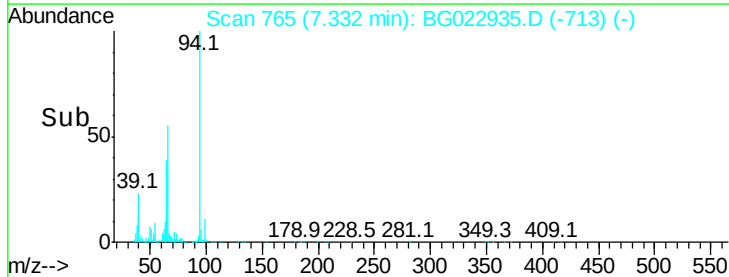
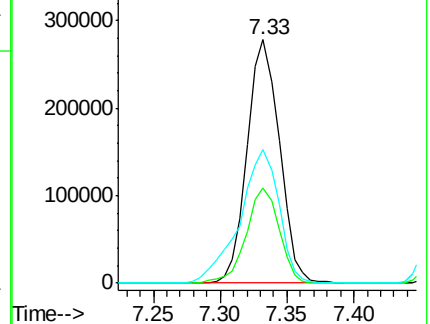
66 54.9 42.1 82.1

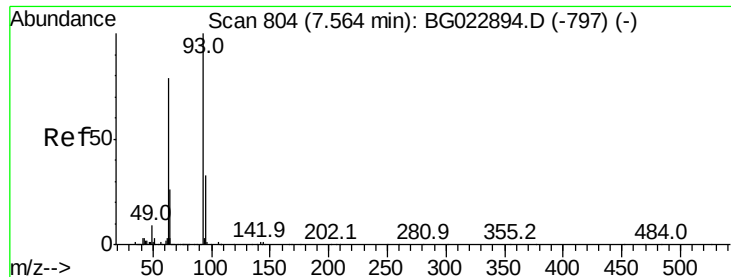


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.09 ng

RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampled :

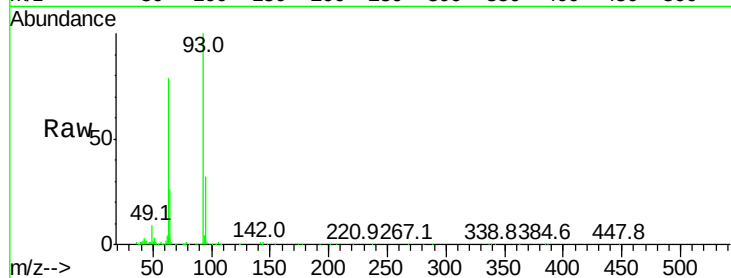
Tot Ion: 93 Resp: 359724

Ion Ratio Lower Upper

93 100

63 78.8 55.0 95.0

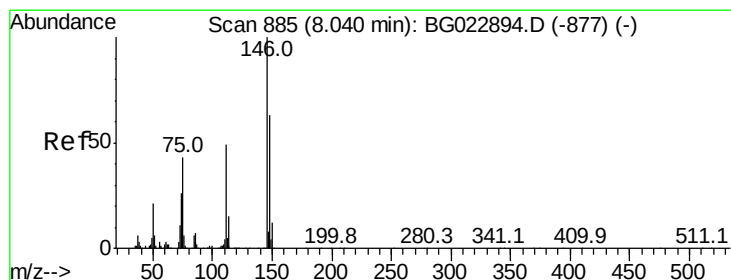
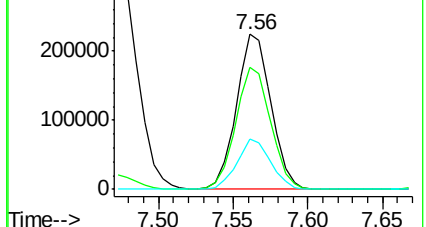
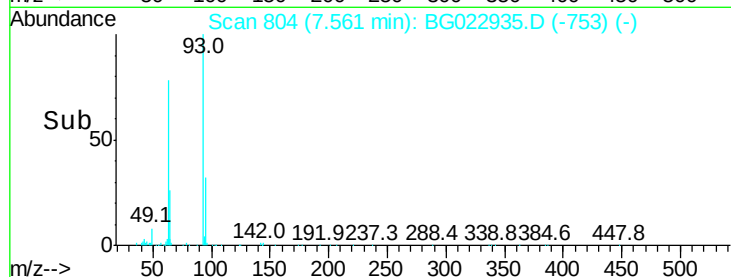
95 32.1 11.0 51.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 39.93 ng

RT: 8.04 min Scan# 886

Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

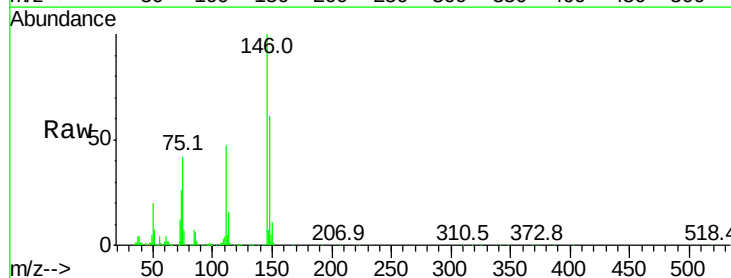
Tgt Ion: 146 Resp: 365437

Ion Ratio Lower Upper

146 100

148 60.8 50.3 75.5

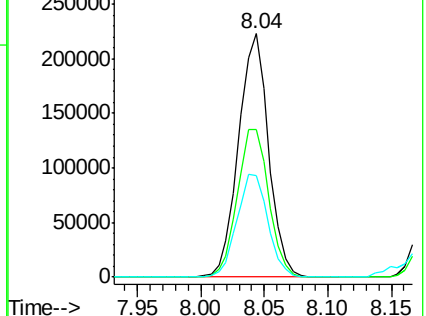
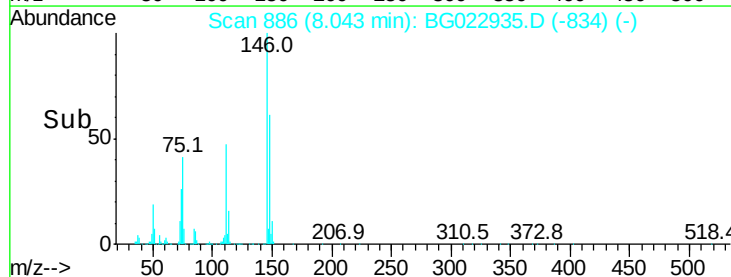
75 41.9 37.0 55.6

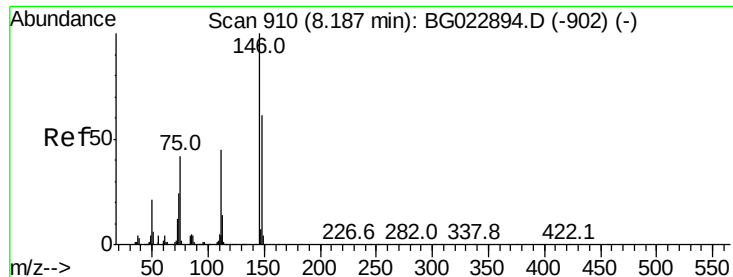


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 40.55 ng

RT: 8.19 min Scan# 911

Delta R.T. 0.00 min

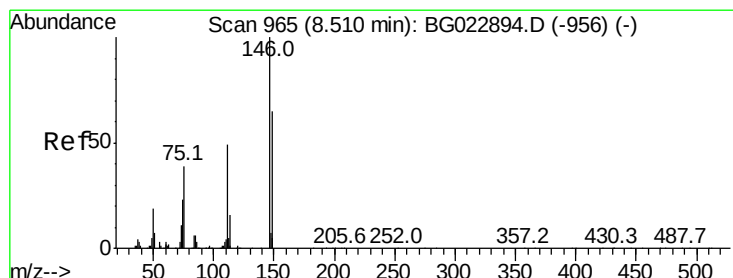
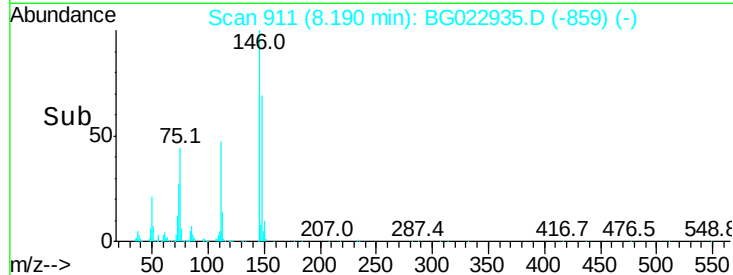
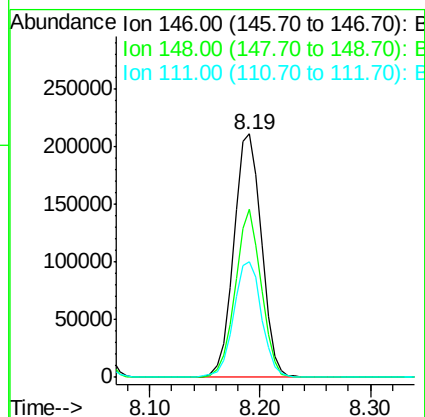
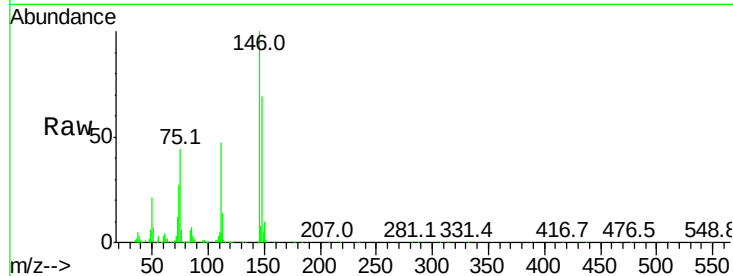
Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:146 Resp: 371509

Ion	Ratio	Lower	Upper
146	100		
148	69.0	54.5	81.7
111	47.2	37.8	56.8



#14

1,2-Dichlorobenzene

Concen: 40.31 ng

RT: 8.51 min Scan# 965

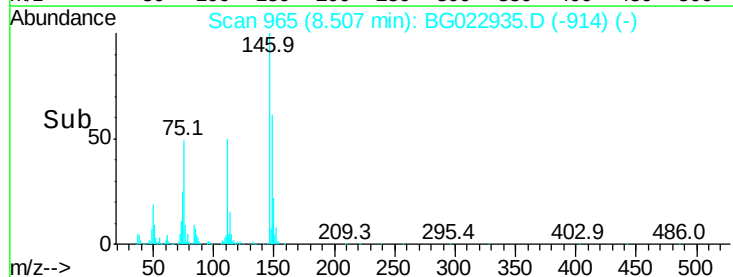
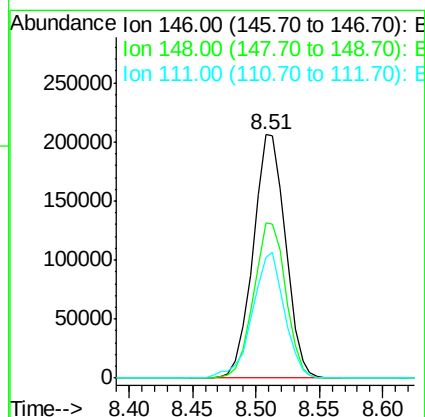
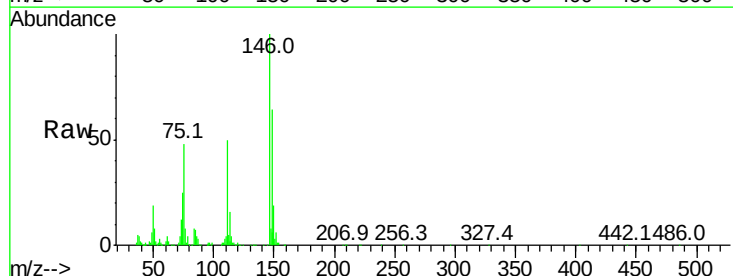
Delta R.T. -0.00 min

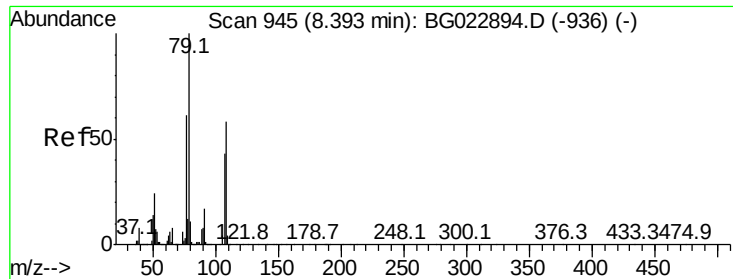
Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Tgt Ion:146 Resp: 367161

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.9	79.3
111	49.5	43.5	65.3





#15

Benzyl Alcohol

Concen: 41.79 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

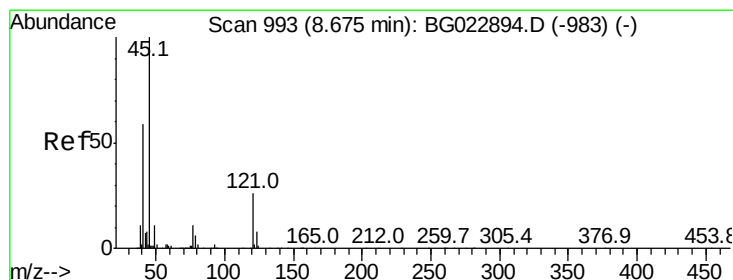
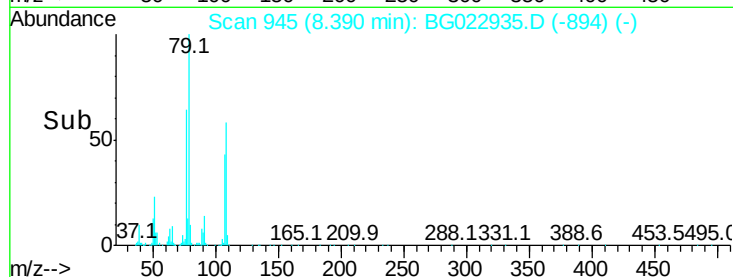
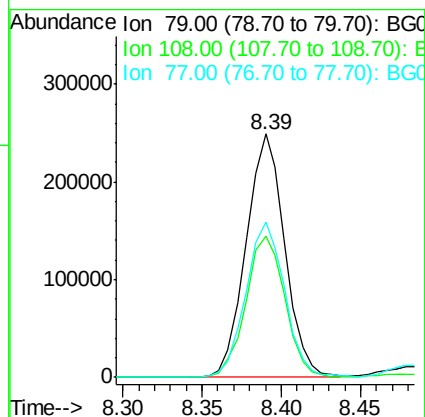
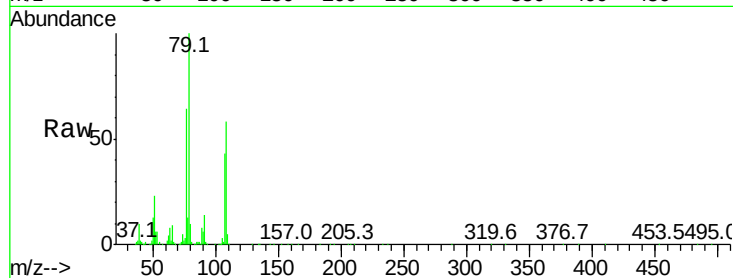
Tot Ion: 79 Resp: 421164

Ion Ratio Lower Upper

79 100

108 58.2 46.5 69.7

77 63.7 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.08 ng

RT: 8.68 min Scan# 994

Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

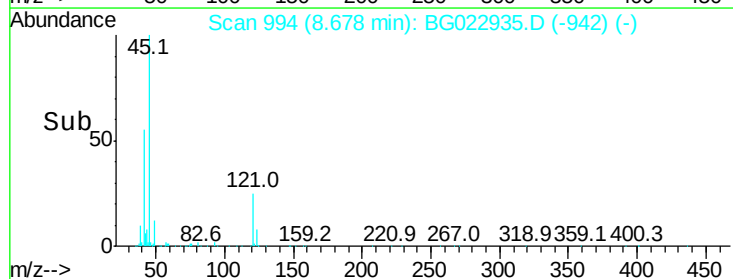
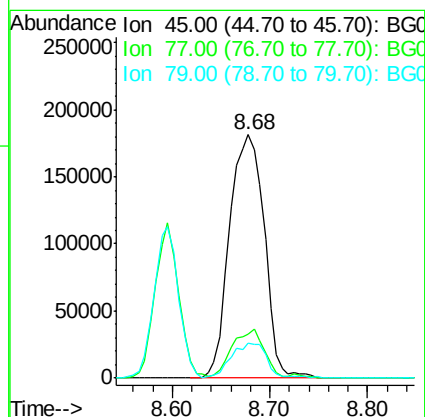
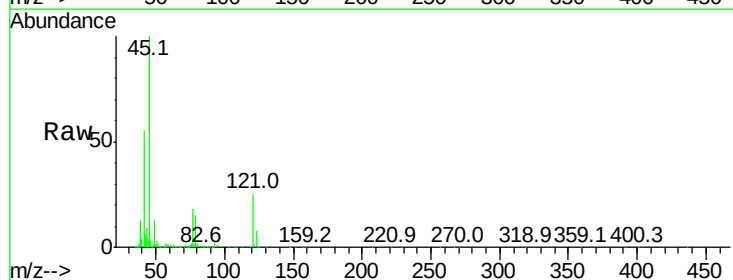
Tgt Ion: 45 Resp: 450206

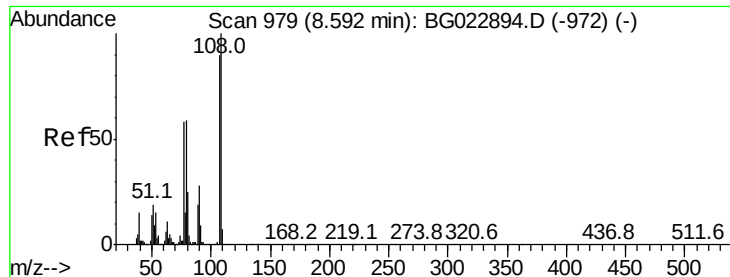
Ion Ratio Lower Upper

45 100

77 18.2 0.6 40.6

79 14.5 0.0 36.2





#17

2-Methylphenol

Concen: 40.38 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 297534

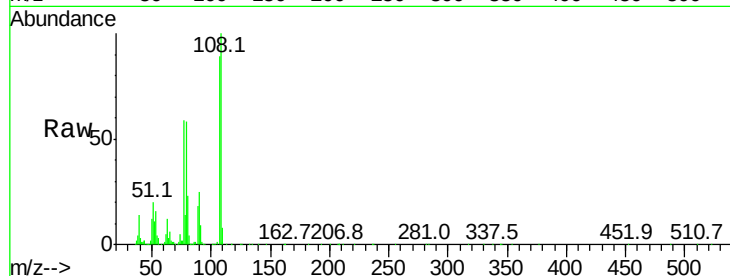
Ion Ratio Lower Upper

107 100

108 112.2 92.0 138.0

77 65.9 55.8 83.6

79 64.6 55.0 82.6

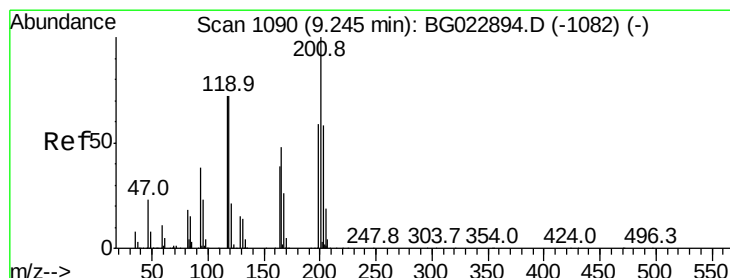
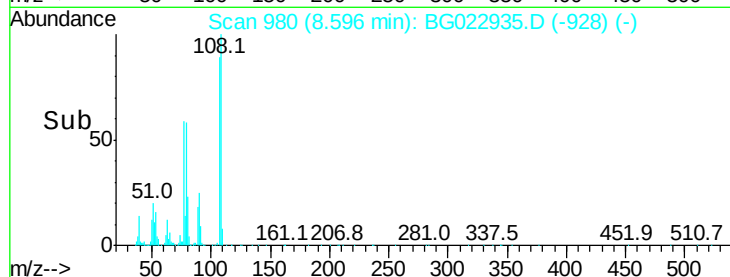
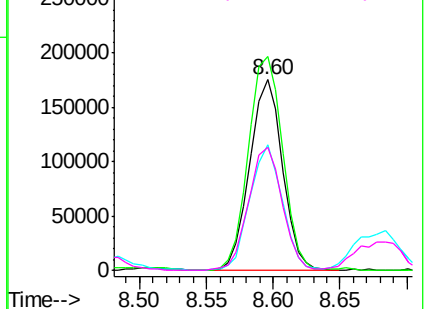


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.23 ng

RT: 9.25 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

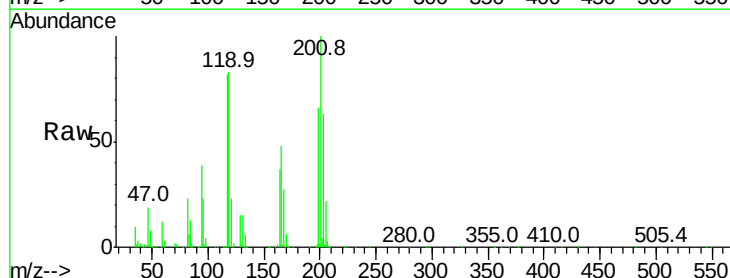
Tgt Ion:117 Resp: 155555

Ion Ratio Lower Upper

117 100

119 100.5 73.7 110.5

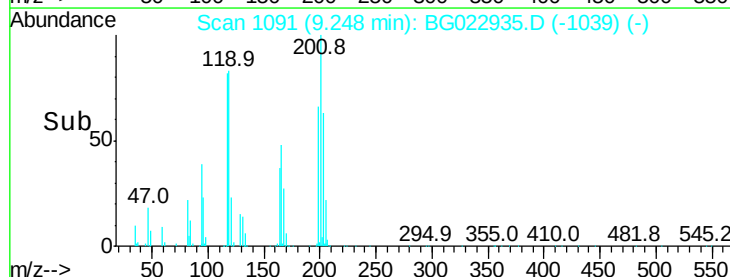
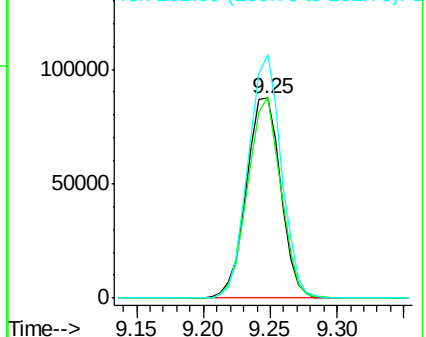
201 121.7 88.7 133.1

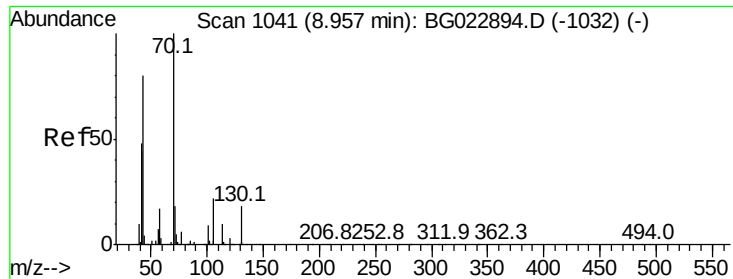


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.09 ng

RT: 8.96 min Scan# 1042

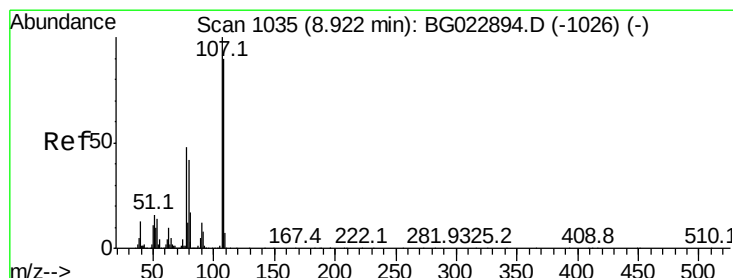
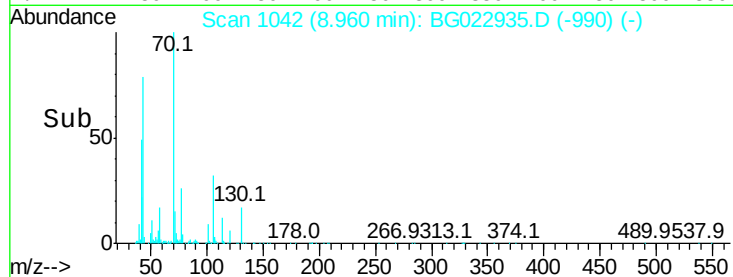
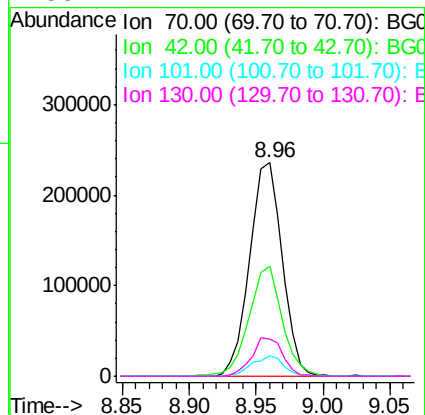
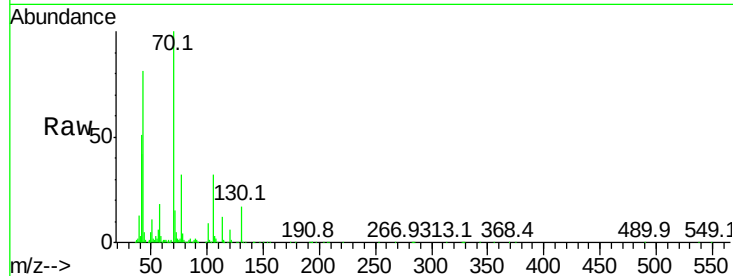
Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	397610
Ion	Ratio	Lower	Upper
70	100		
42	51.3	42.1	63.1
101	9.5	7.2	10.8
130	17.4	14.2	21.2



#20

3+4-Methylphenols

Concen: 42.33 ng

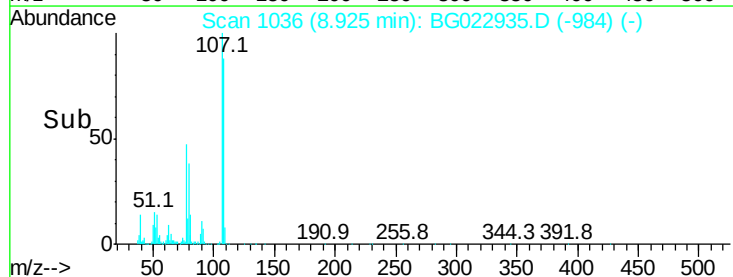
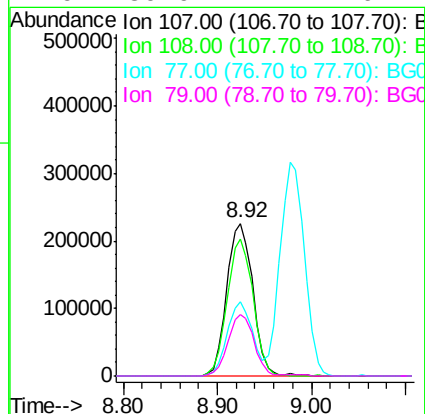
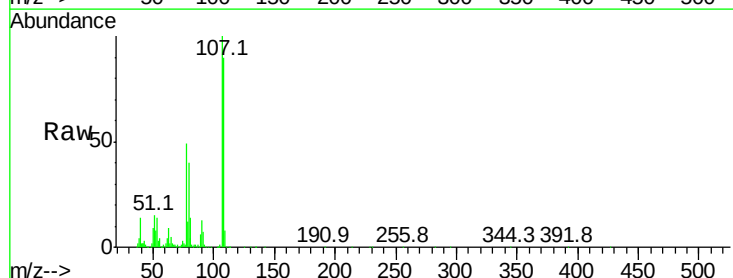
RT: 8.92 min Scan# 1036

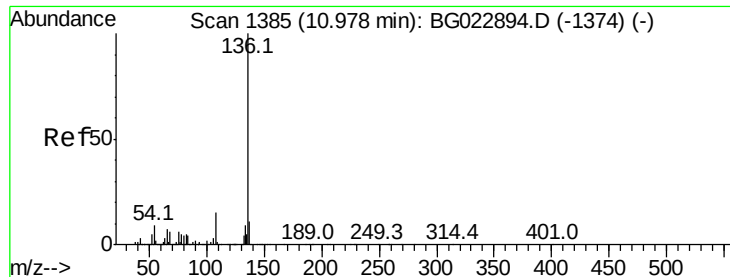
Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Tgt Ion:	107	Resp:	434982
Ion	Ratio	Lower	Upper
107	100		
108	90.1	72.5	112.5
77	48.8	30.1	70.1
79	39.9	24.2	64.2

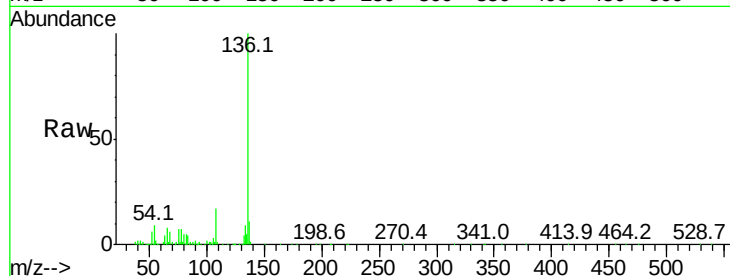




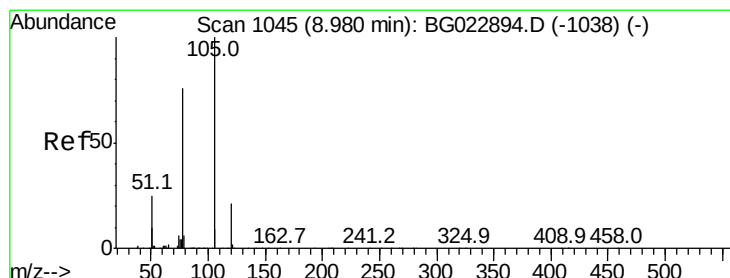
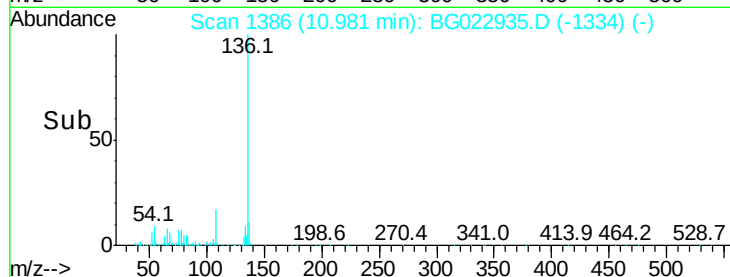
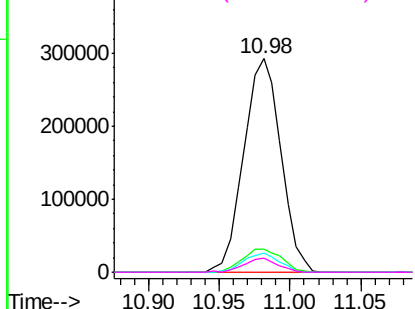
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 539976
Ion Ratio	Lower Upper
136 100	
137 11.0	9.6 14.4
54 9.1	7.3 10.9
68 6.5	5.3 7.9

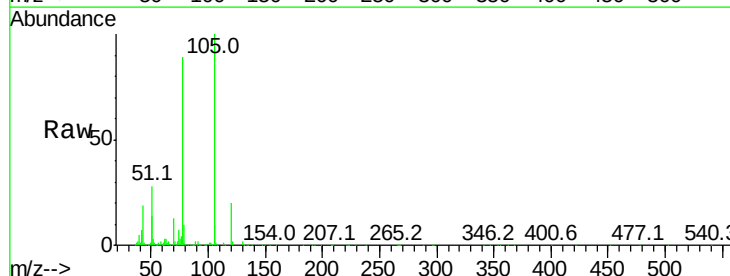


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

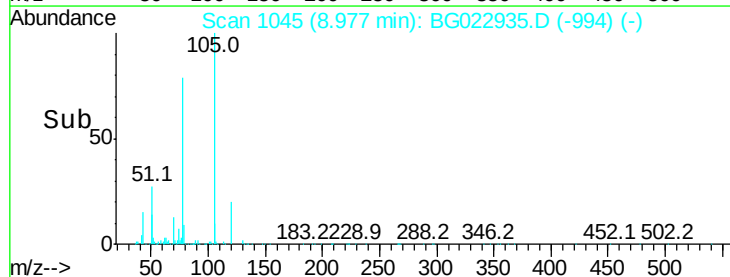
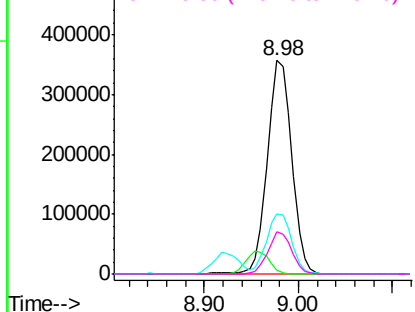


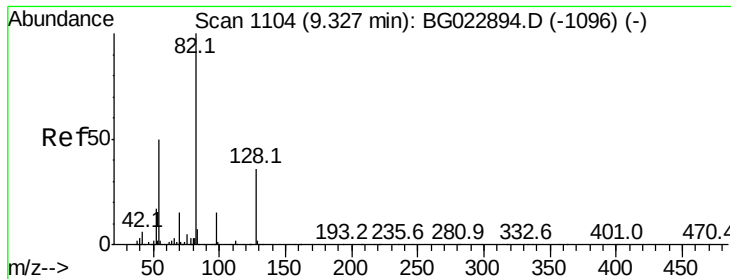
#22
Acetophenone
Concen: 39.63 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

Tgt	Ion:105	Resp:	642220
Ion	Ratio	Lower	Upper
105	100		
71	2.0	2.6	3.8#
51	28.1	27.1	40.7
120	19.6	15.1	22.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

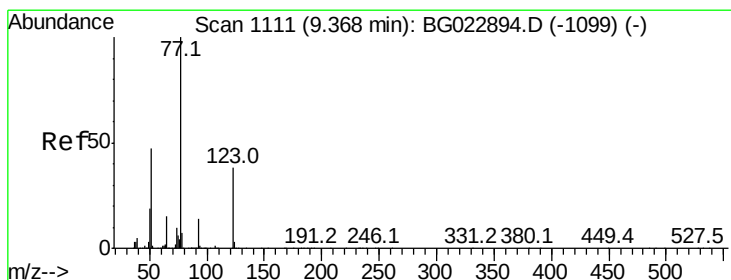
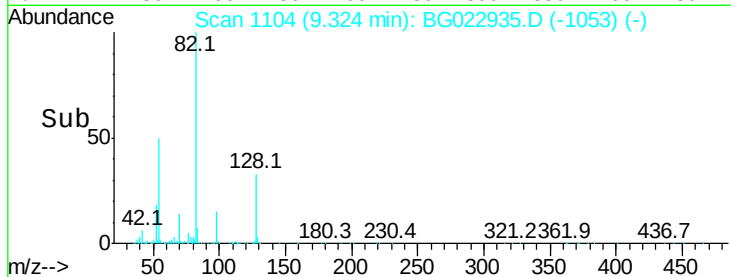
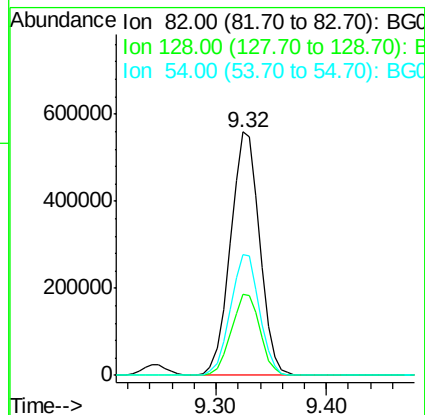
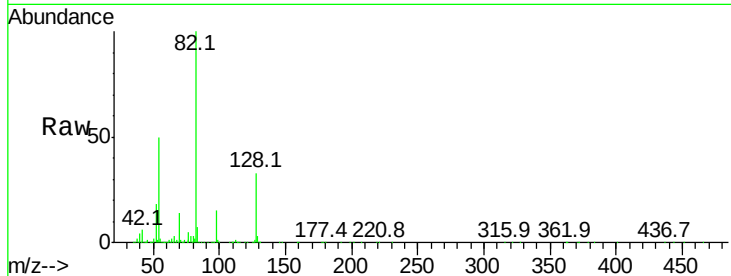




#23
 Nitrobenzene-d5
 Concen: 82.01 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022935.D
 Acq: 8 Jul 2016 18:05

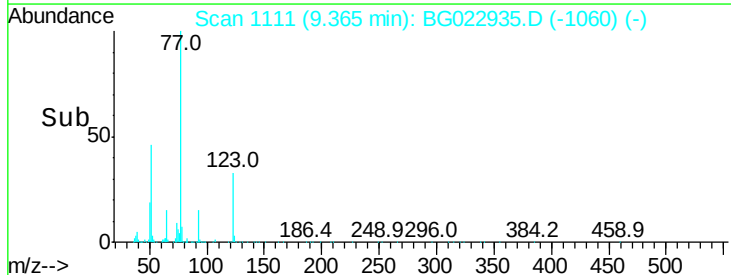
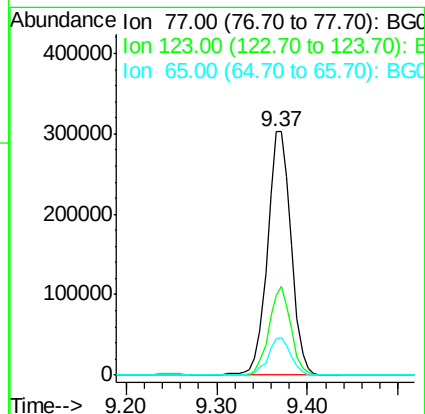
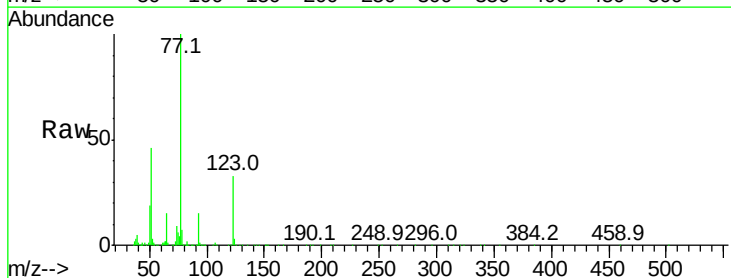
Instrument :
 BNA_G
 ClientSampleId :

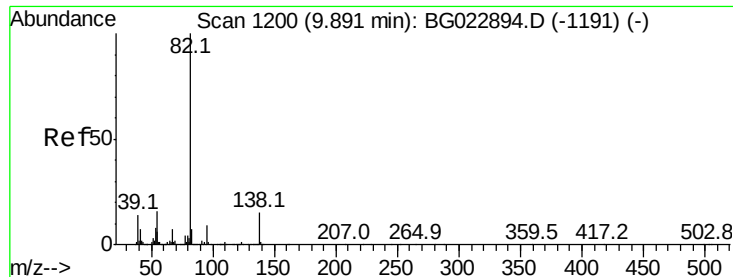
Tot Ion: 82 Resp: 1034211
 Ion Ratio Lower Upper
 82 100
 128 33.1 24.4 36.6
 54 49.6 41.4 62.0



#24
 Nitrobenzene
 Concen: 41.31 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BG022935.D
 Acq: 8 Jul 2016 18:05

Tgt Ion: 77 Resp: 553570
 Ion Ratio Lower Upper
 77 100
 123 33.0 25.0 37.6
 65 14.9 13.4 20.0





#25

Isophorone

Concen: 39.34 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

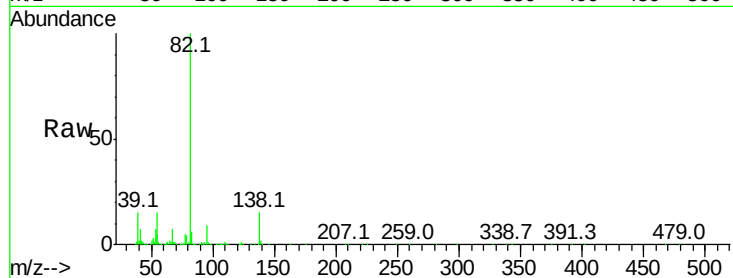
Tot Ion: 82 Resp: 997802

Ion Ratio Lower Upper

82 100

95 9.1 8.2 12.2

138 14.8 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

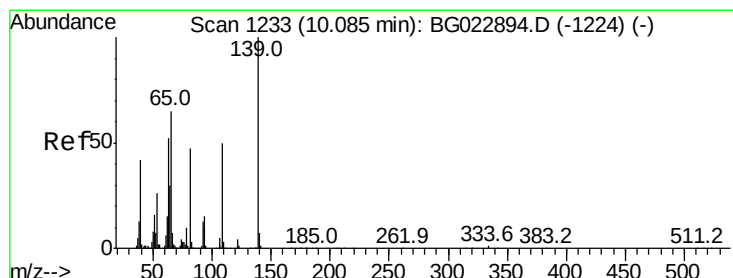
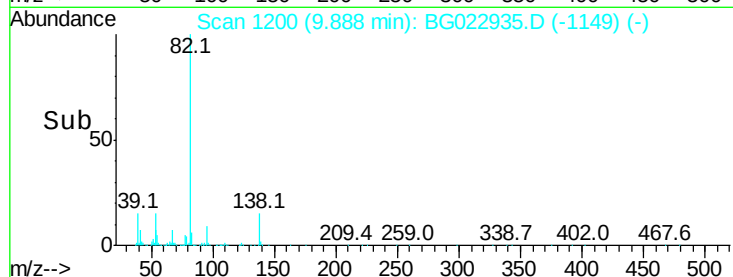
600000 9.89

400000

200000

0

Time--> 9.80 9.90



#26

2-Nitrophenol

Concen: 40.71 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

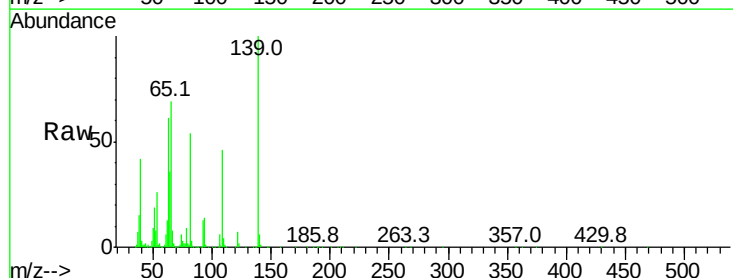
Tgt Ion: 139 Resp: 214068

Ion Ratio Lower Upper

139 100

109 45.9 43.5 65.3

65 69.4 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

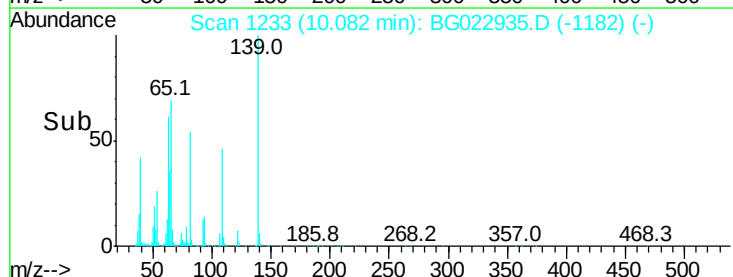
150000 10.08

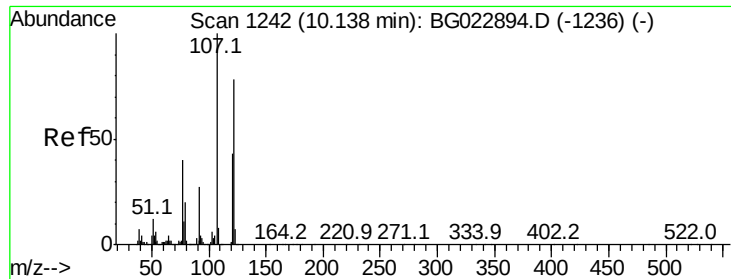
100000

50000

0

Time--> 10.00 10.05 10.10 10.15

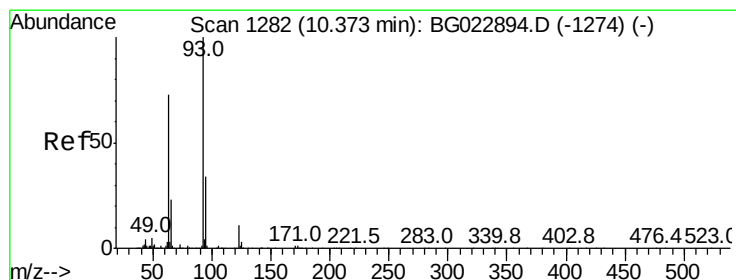
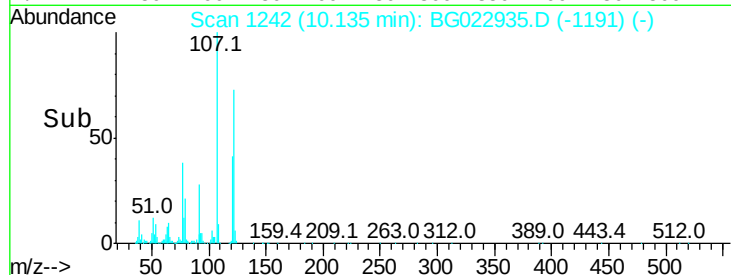
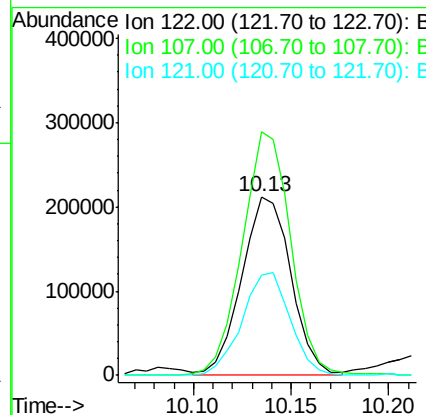
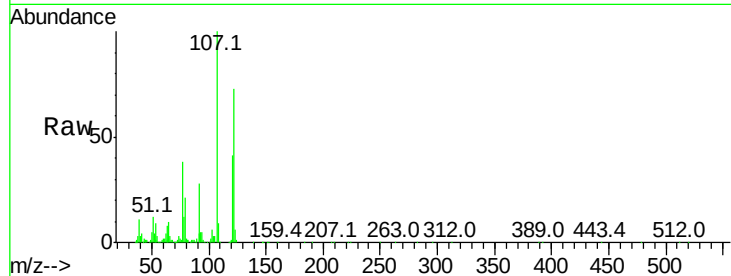




#27
 2,4-Dimethylphenol
 Concen: 40.46 ng
 RT: 10.13 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BG022935.D
 Acq: 8 Jul 2016 18:05

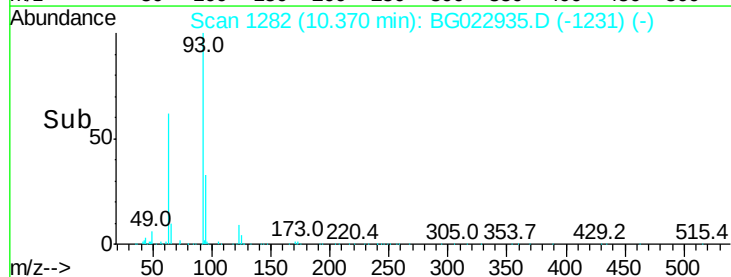
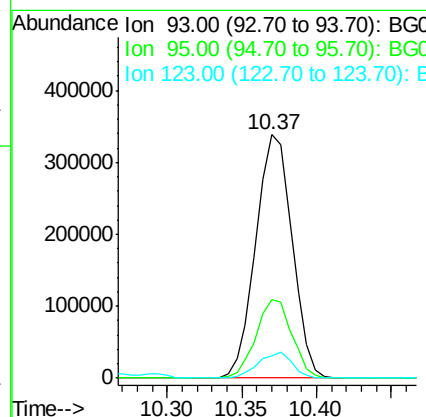
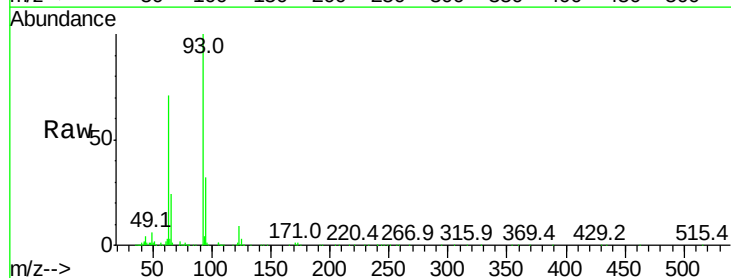
Instrument :
 BNA_G
 ClientSampleId :

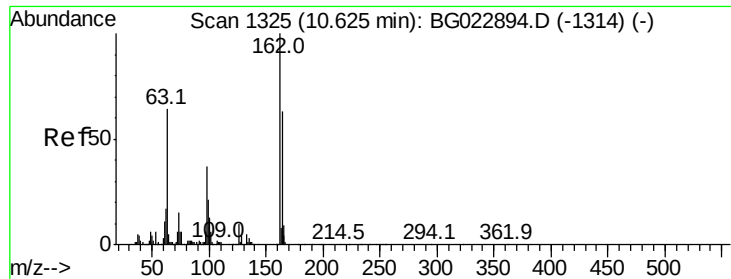
Tot Ion	Ratio	Lower	Upper
122	100		
107	136.5	117.0	175.4
121	56.1	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.30 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG022935.D
 Acq: 8 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.4	38.2
123	9.1	8.2	12.2

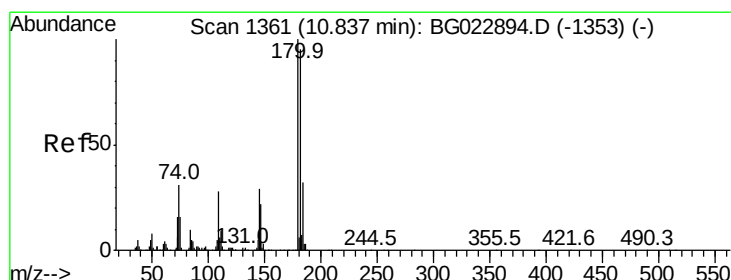
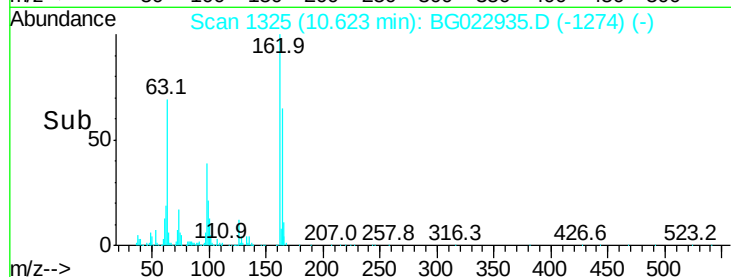
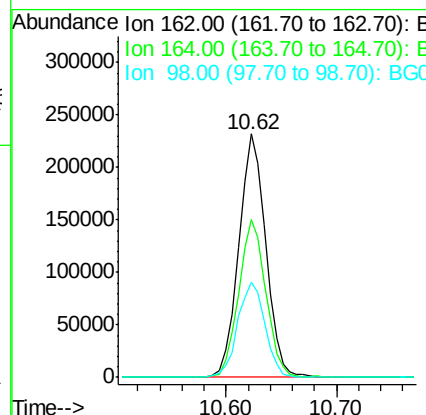
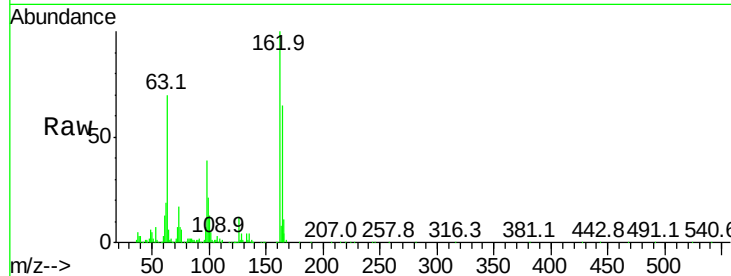




#29
 2,4-Dichlorophenol
 Concen: 41.01 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG022935.D
 Acq: 8 Jul 2016 18:05

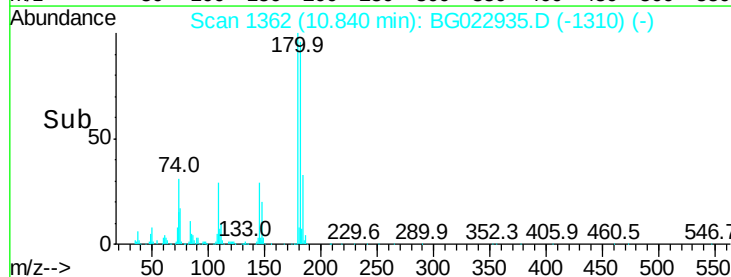
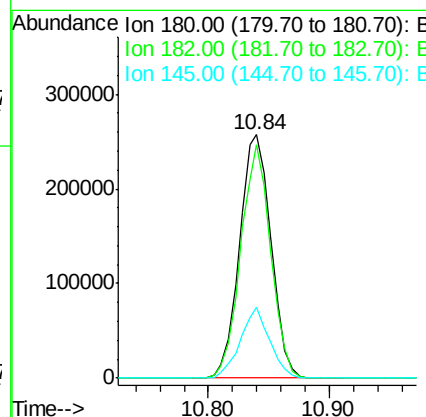
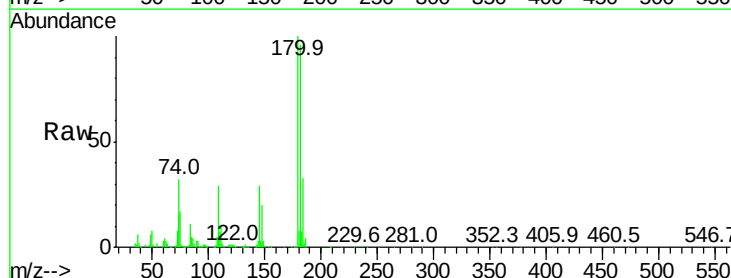
Instrument :
 BNA_G
 ClientSampleId :

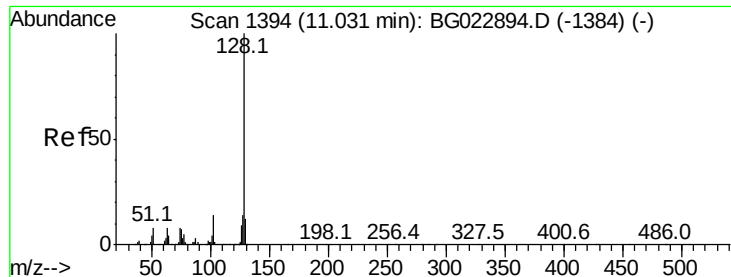
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.3	84.3
98	39.3	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 41.96 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BG022935.D
 Acq: 8 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	73.8	110.8
145	28.9	24.4	36.6

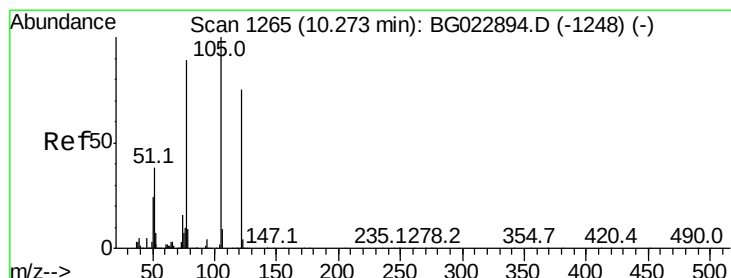
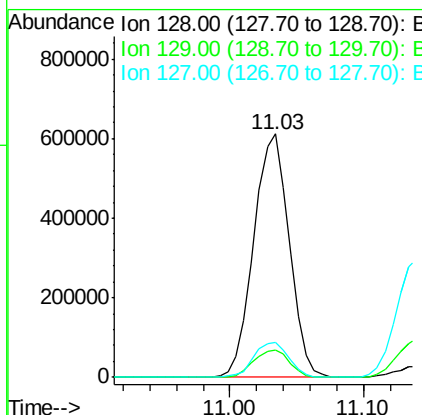
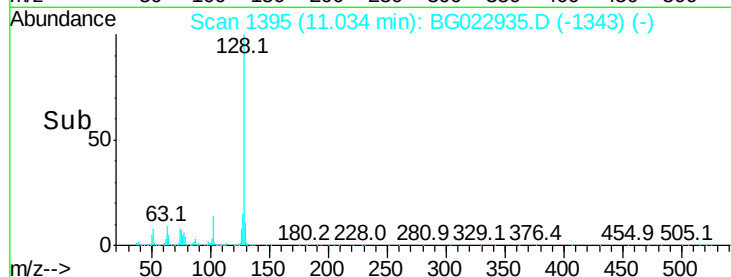
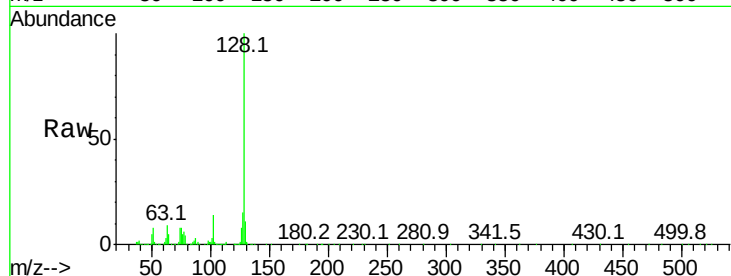




#31
Naphthalene
Concen: 40.84 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

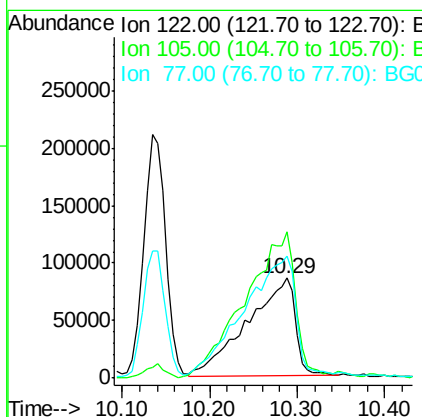
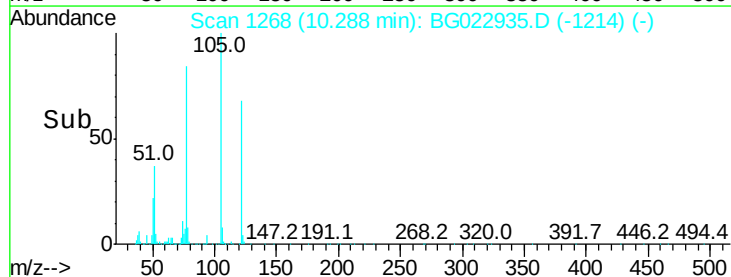
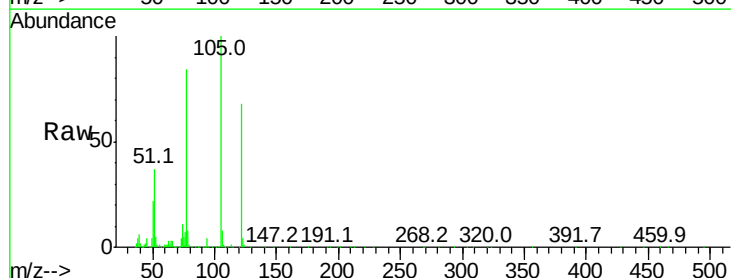
Instrument :
BNA_G
ClientSampleId :

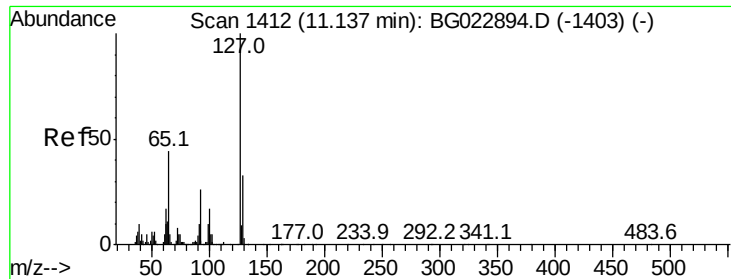
Tot Ion:128 Resp: 1122706
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 14.5 11.3 16.9



#32
Benzoic acid
Concen: 39.23 ng
RT: 10.29 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

Tgt Ion:122 Resp: 324360
Ion Ratio Lower Upper
122 100
105 146.3 117.2 157.2
77 122.5 109.2 149.2

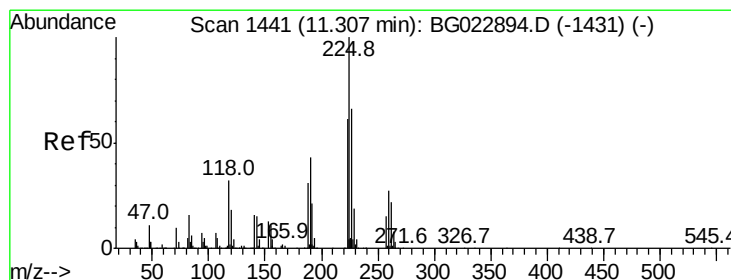
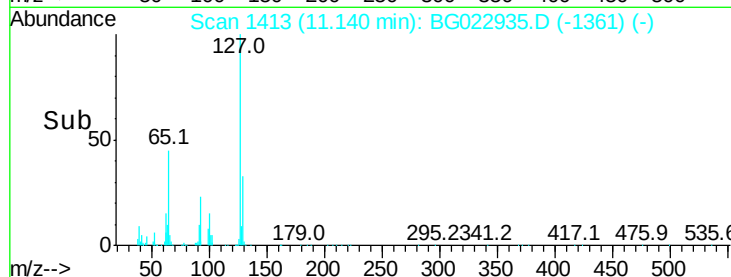
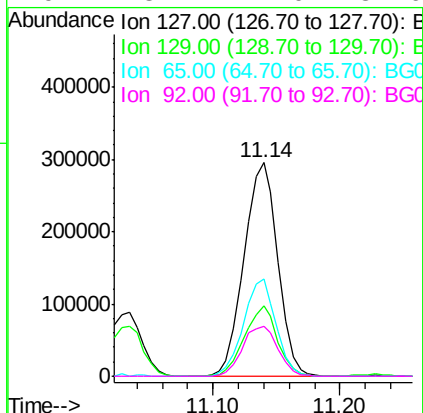
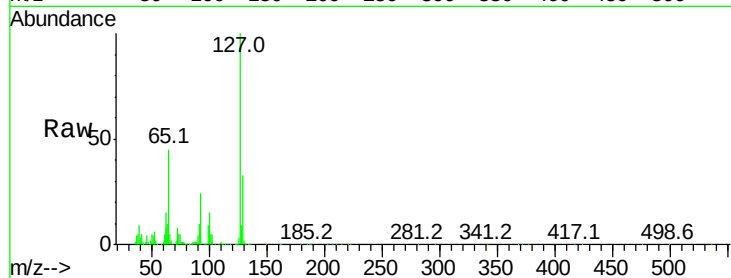




#33
4-Chloroaniline
Concen: 40.65 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

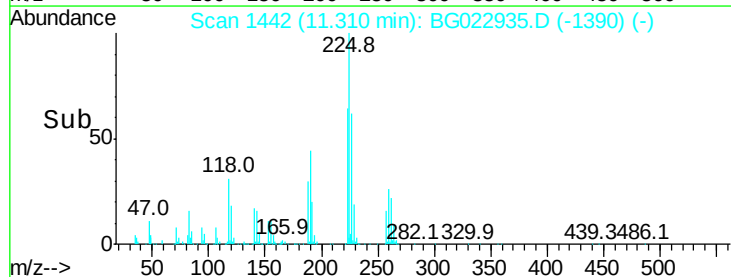
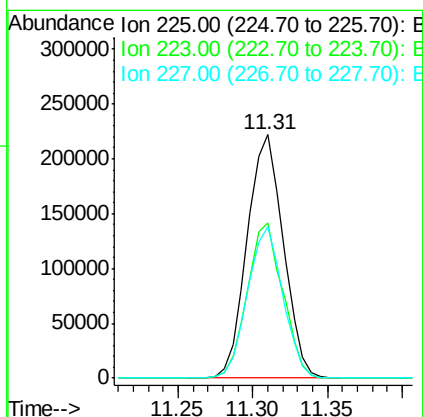
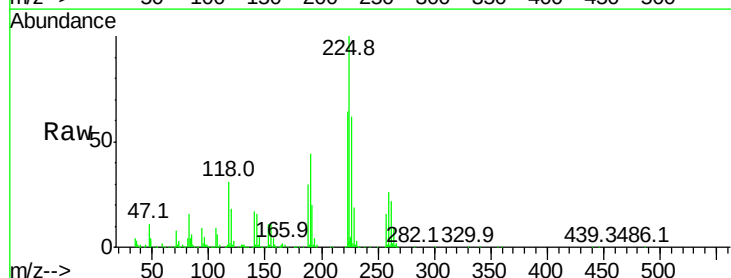
Instrument :
BNA_G
ClientSampleId :

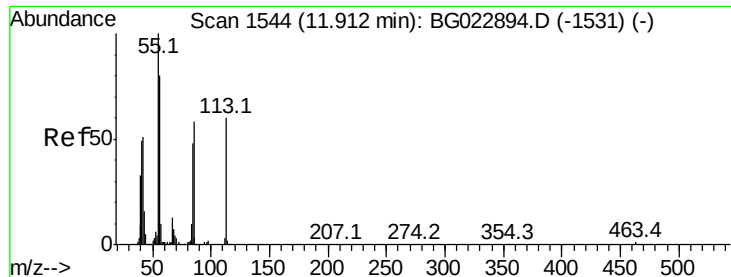
Tot Ion:	127	Resp:	546422
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.9	41.9
65	45.4	36.8	55.2
92	23.7	21.0	31.6



#34
Hexachlorobutadiene
Concen: 41.20 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

Tgt Ion:	225	Resp:	370986
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.6	74.4
227	62.2	54.5	81.7

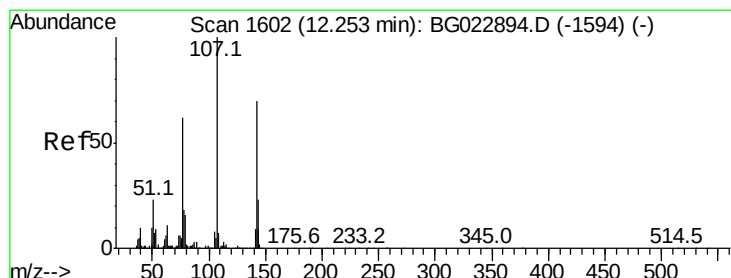
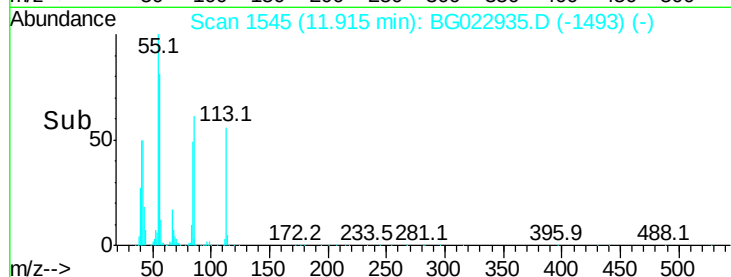
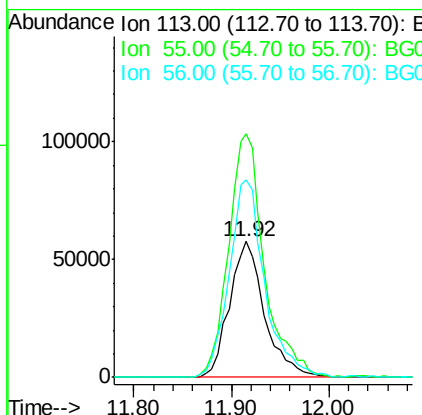
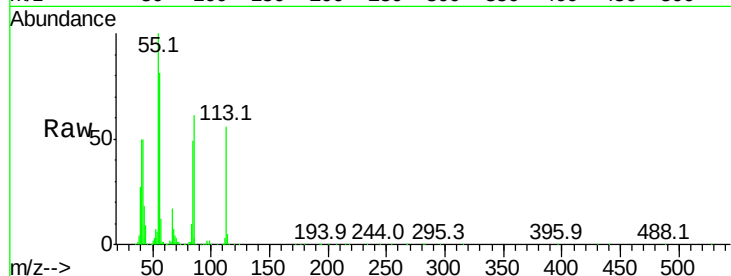




#35
Caprolactam
Concen: 36.14 ng
RT: 11.92 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

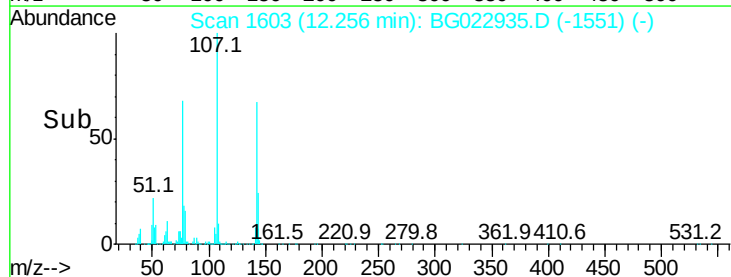
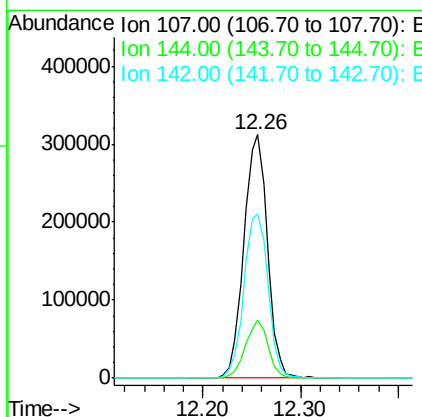
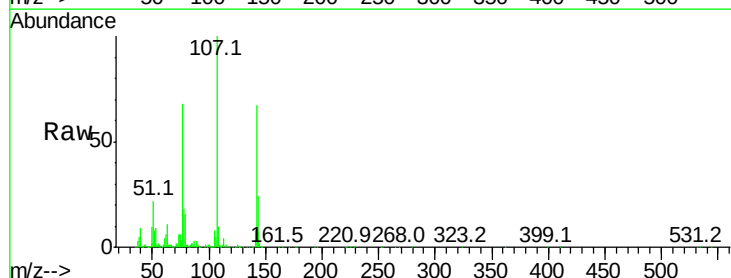
Instrument :
BNA_G
ClientSampleId :

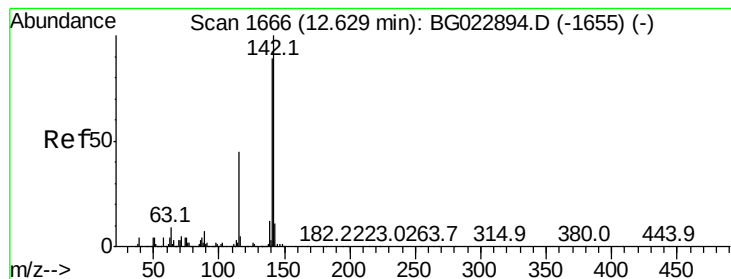
Tot Ion:113 Resp: 144124
Ion Ratio Lower Upper
113 100
55 179.3 154.5 194.5
56 145.3 125.1 165.1



#36
4-Chloro-3-methylphenol
Concen: 39.74 ng
RT: 12.26 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

Tgt Ion:107 Resp: 526920
Ion Ratio Lower Upper
107 100
144 24.0 17.0 25.6
142 67.3 53.0 79.6





#37

2-Methylnaphthalene

Concen: 40.22 ng

RT: 12.63 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

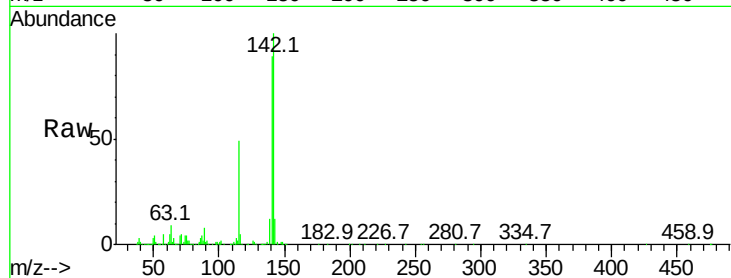
Tot Ion:142 Resp: 873862

Ion Ratio Lower Upper

142 100

141 88.9 70.2 105.2

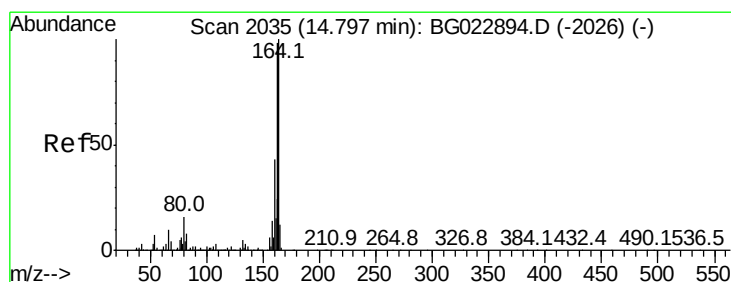
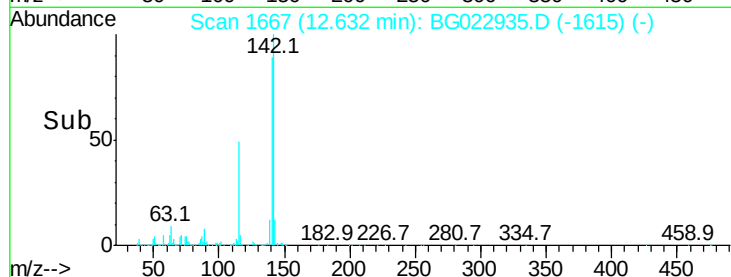
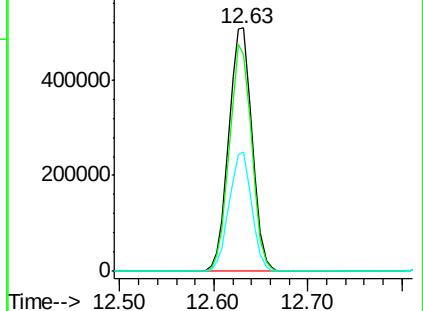
115 49.3 41.7 62.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

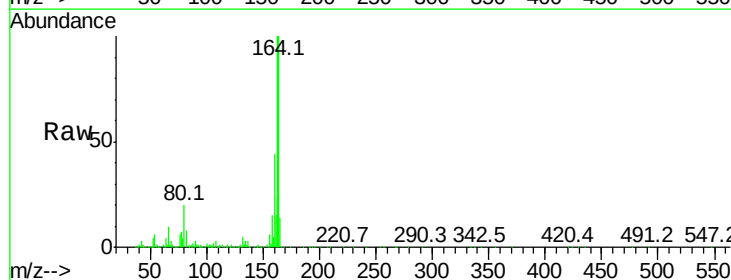
Tgt Ion:164 Resp: 415841

Ion Ratio Lower Upper

164 100

162 100.0 87.7 131.5

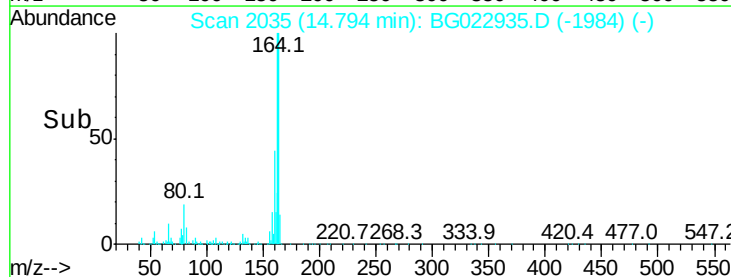
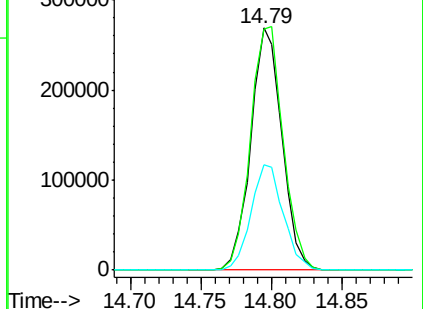
160 43.7 37.2 55.8

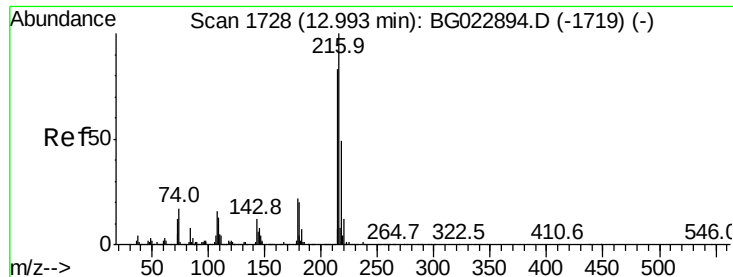


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

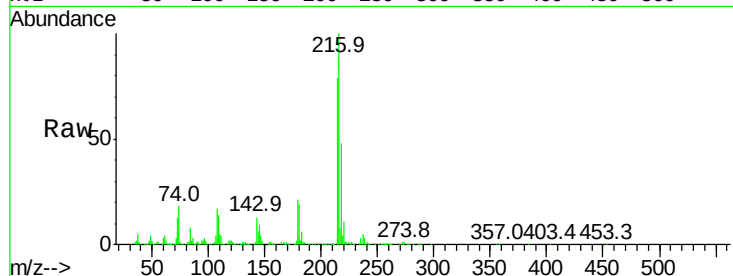




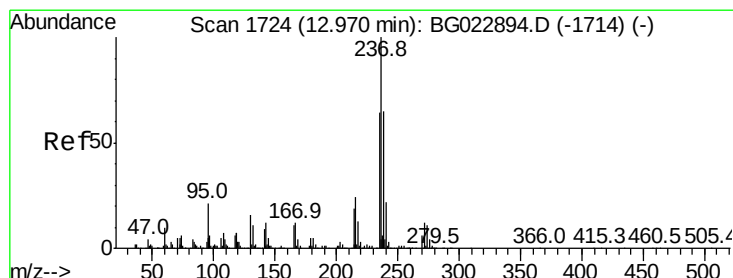
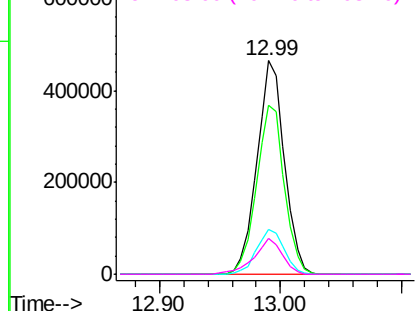
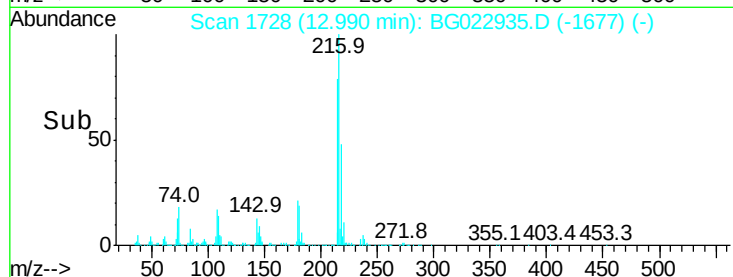
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.83 ng
 RT: 12.99 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG022935.D
 Acq: 8 Jul 2016 18:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	731643
Ion	Ratio	Lower	Upper
216	100		
214	80.2	62.9	94.3
179	21.2	17.2	25.8
108	17.5	16.3	24.5

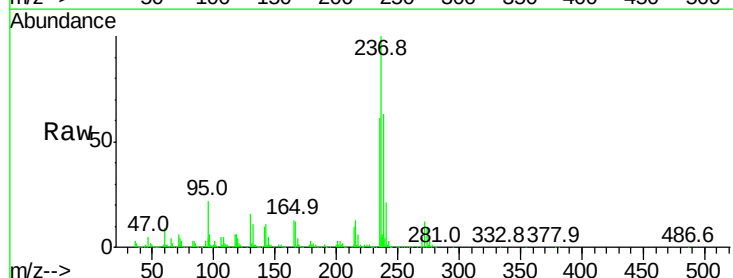


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

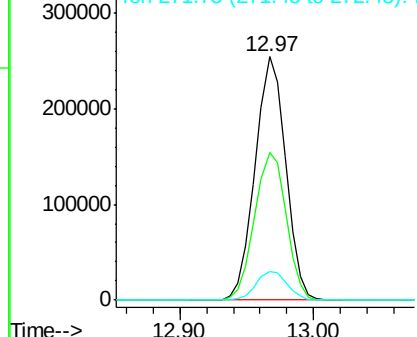
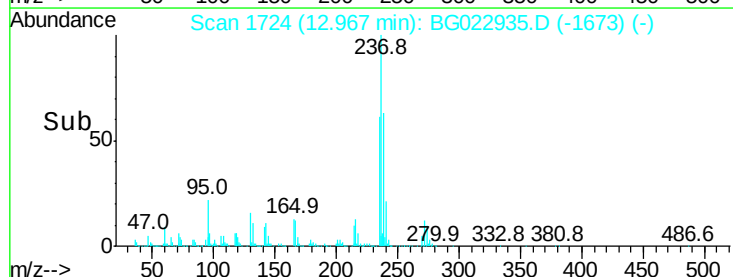


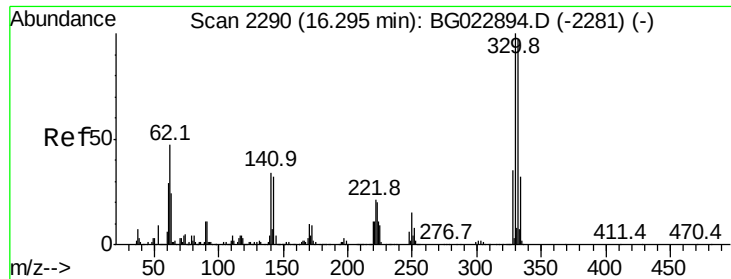
#40
 Hexachlorocyclopentadiene
 Concen: 38.80 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG022935.D
 Acq: 8 Jul 2016 18:05

Tgt Ion:	237	Resp:	400260
Ion	Ratio	Lower	Upper
237	100		
235	60.7	43.1	83.1
272	11.7	0.0	30.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

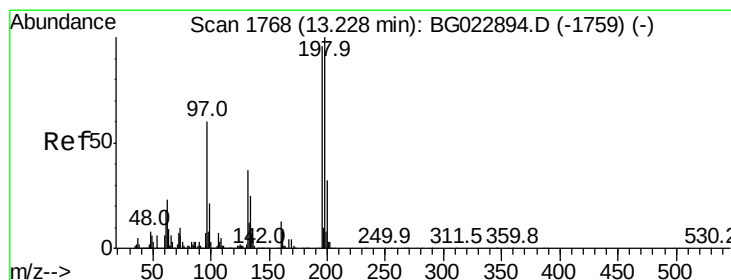
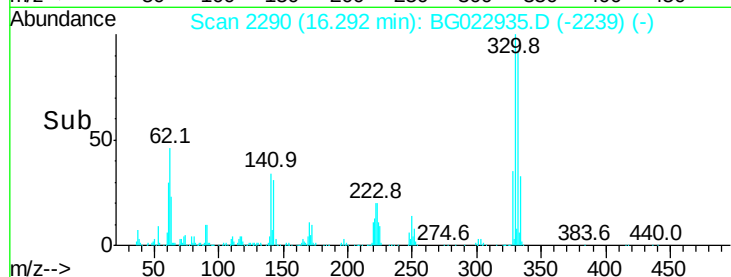
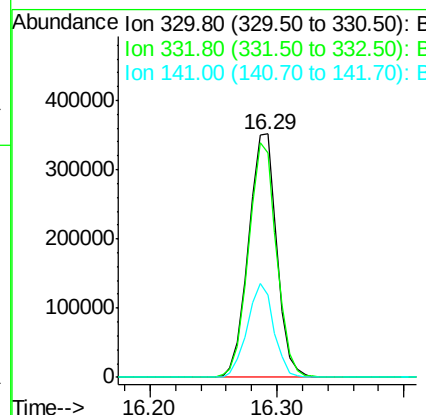
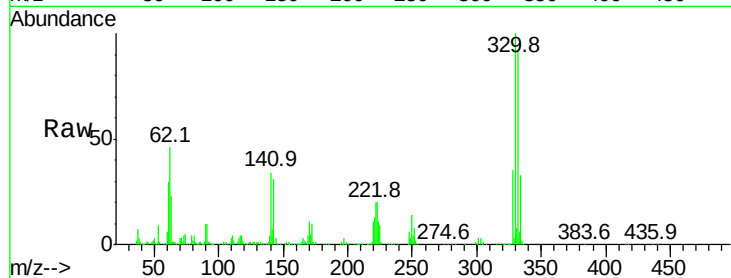




#41
 2,4,6-Tribromophenol
 Concen: 72.71 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022935.D
 Acq: 8 Jul 2016 18:05

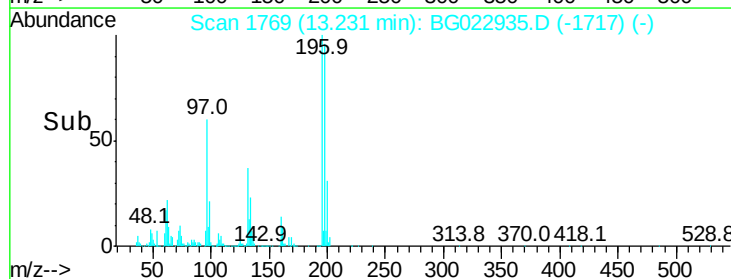
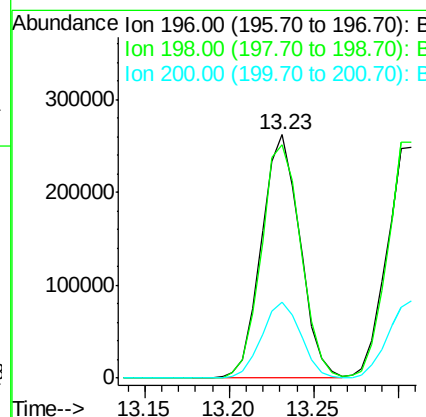
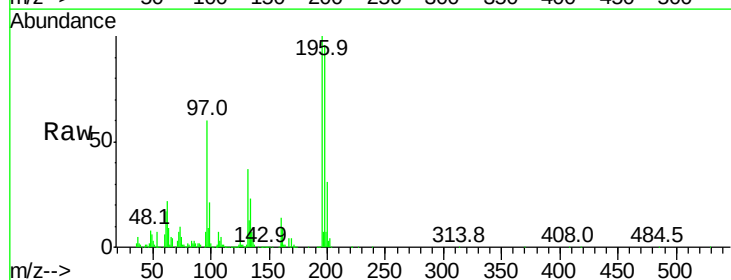
Instrument :
 BNA_G
 ClientSampled :

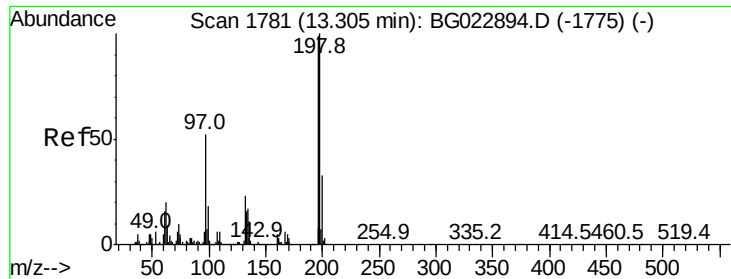
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	36.3	31.7	47.5



#42
 2,4,6-Trichlorophenol
 Concen: 40.39 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022935.D
 Acq: 8 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	78.2	117.2
200	31.1	27.0	40.4

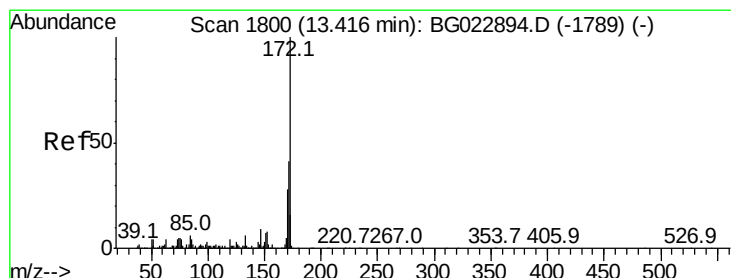
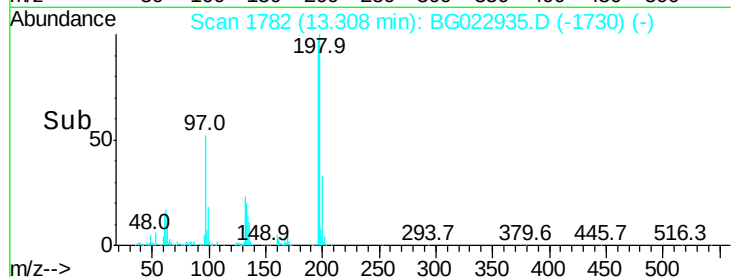
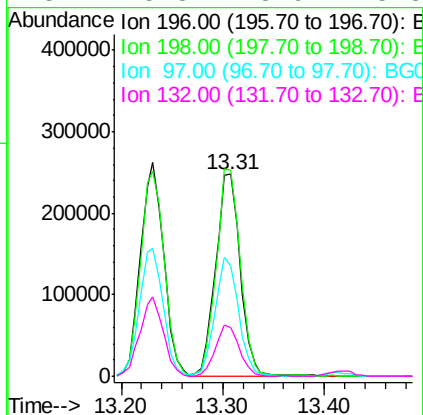
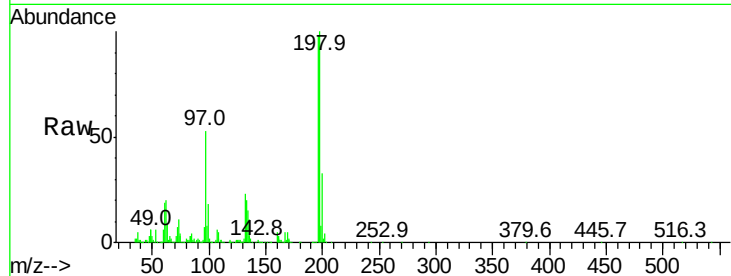




#43
2,4,5-Trichlorophenol
Concen: 39.57 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

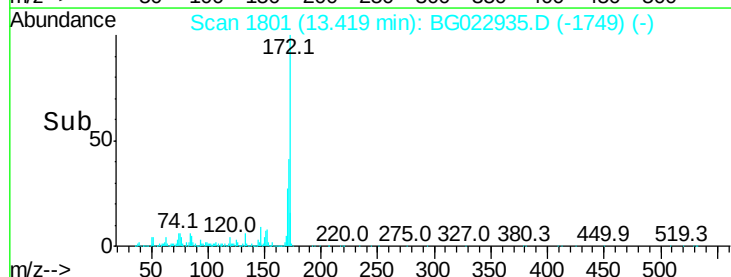
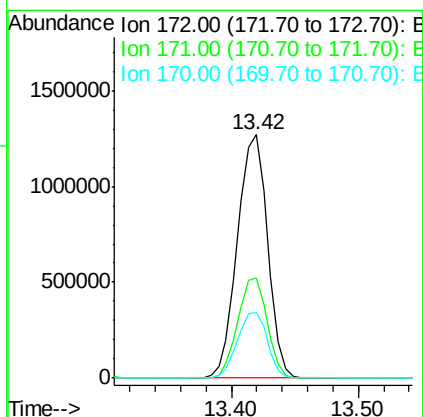
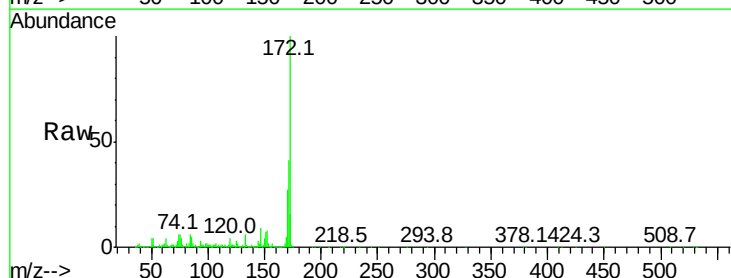
Instrument :
BNA_G
ClientSampleId :

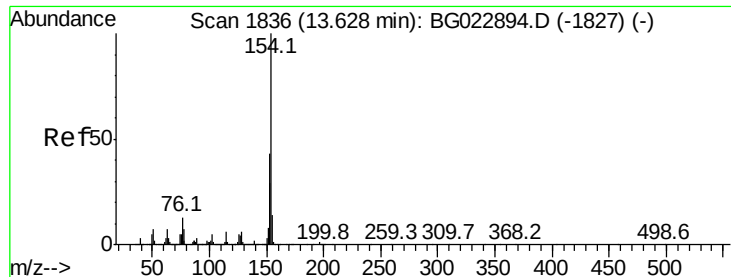
Tot Ion	Ratio	Lower	Upper
196	100		
198	102.2	85.7	128.5
97	54.4	45.5	68.3
132	23.8	18.9	28.3



#44
2-Fluorobiphenyl
Concen: 79.21 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.2	31.6	47.4
170	26.8	21.3	31.9





#45

1,1'-Biphenyl

Concen: 40.22 ng

RT: 13.63 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

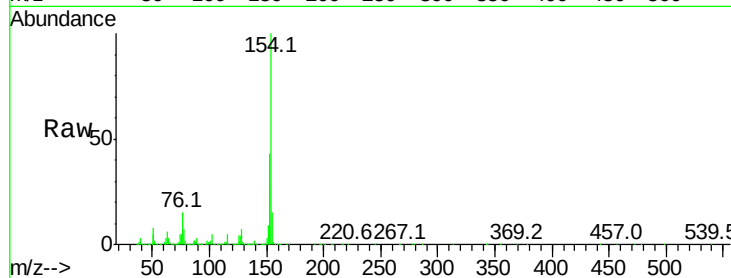
Tot Ion:154 Resp: 1254978

Ion	Ratio	Lower	Upper
154	100		
153	42.5	20.2	60.2
76	14.7	0.0	32.9

154 100

153 42.5 20.2 60.2

76 14.7 0.0 32.9

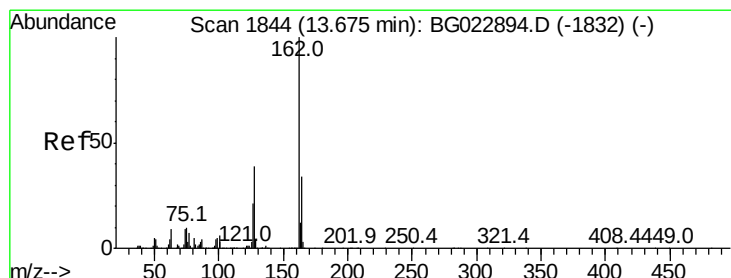
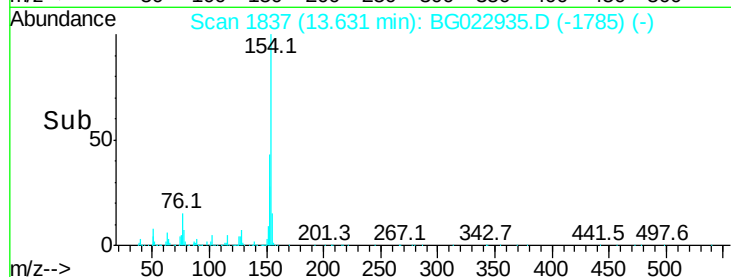
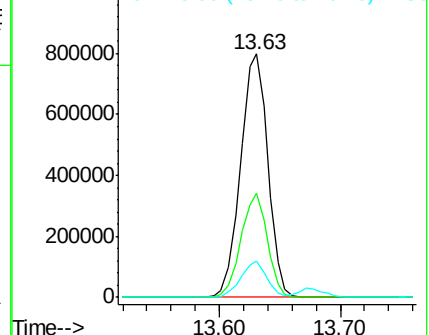


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 40.84 ng

RT: 13.68 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

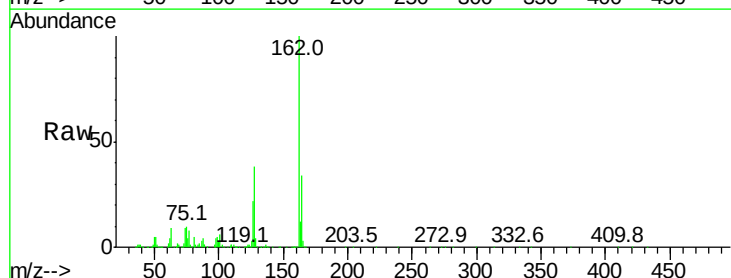
Tgt Ion:162 Resp: 1033624

Ion	Ratio	Lower	Upper
162	100		
127	38.0	32.4	48.6
164	34.4	25.2	37.8

162 100

127 38.0 32.4 48.6

164 34.4 25.2 37.8

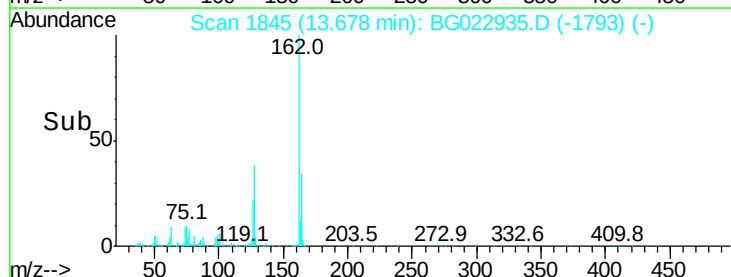
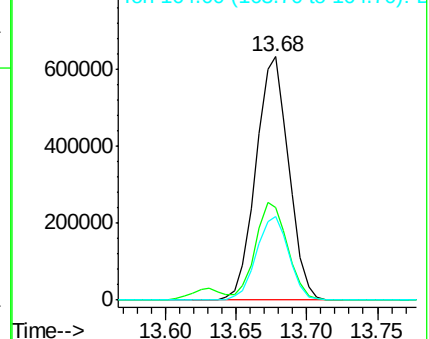


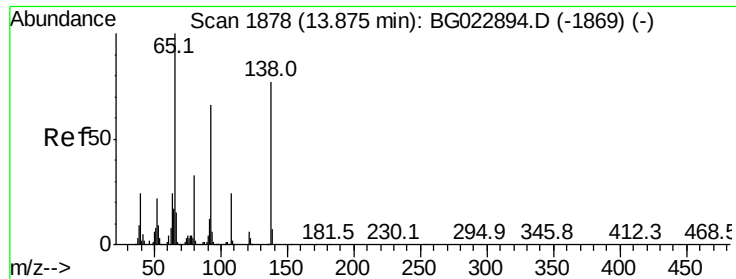
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

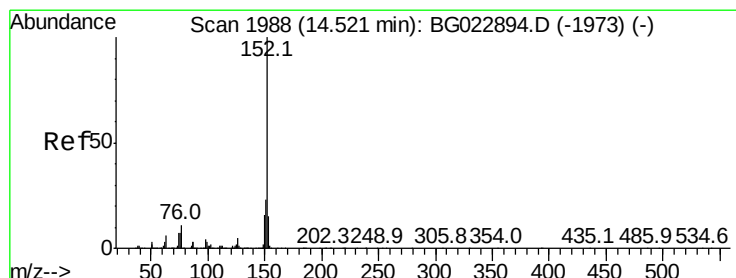
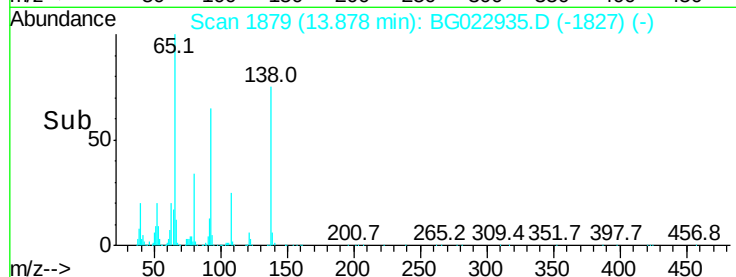
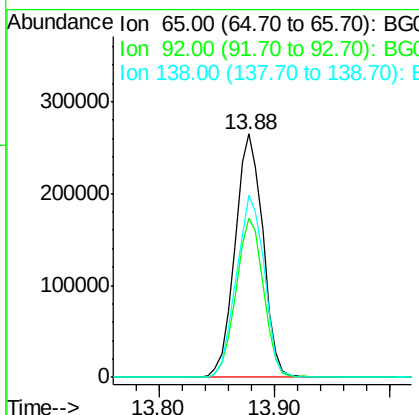
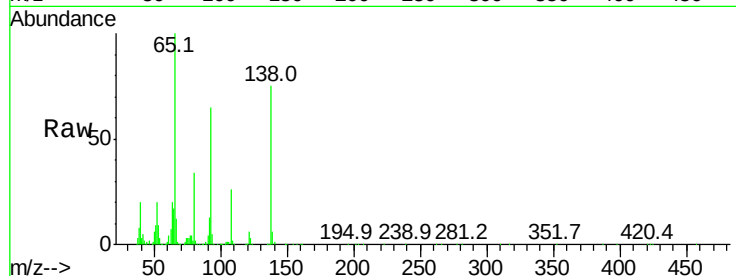




#47
2-Nitroaniline
Concen: 40.85 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

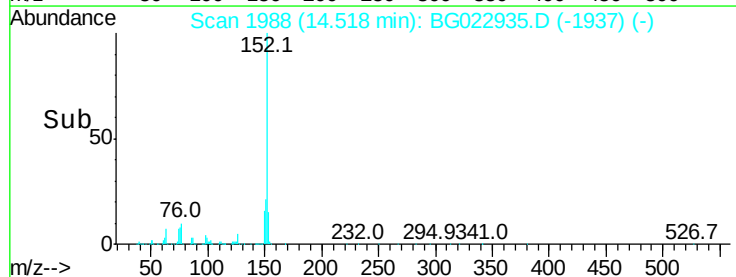
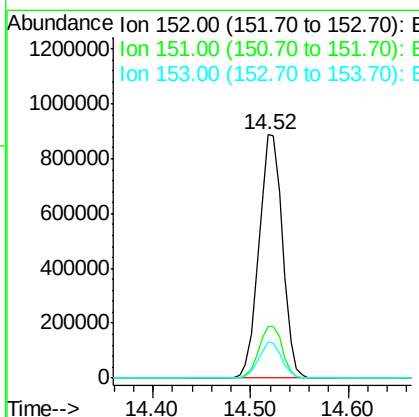
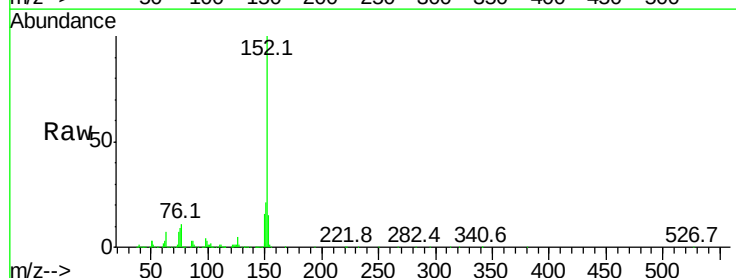
Instrument :
BNA_G
ClientSampleId :

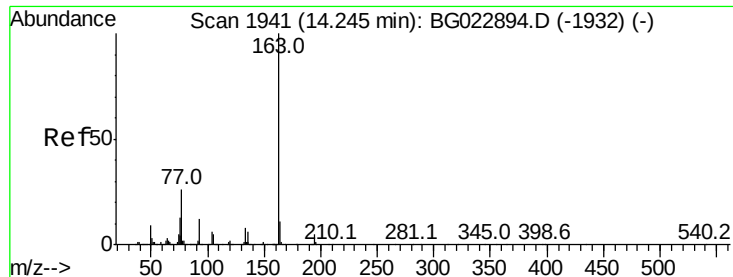
Tot Ion: 65 Resp: 441110
Ion Ratio Lower Upper
65 100
92 65.3 49.4 74.0
138 74.7 58.0 87.0



#48
Acenaphthylene
Concen: 39.81 ng
RT: 14.52 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

Tgt Ion: 152 Resp: 1511406
Ion Ratio Lower Upper
152 100
151 21.4 17.6 26.4
153 15.0 11.4 17.2





#49

Dimethylphthalate

Concen: 37.90 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

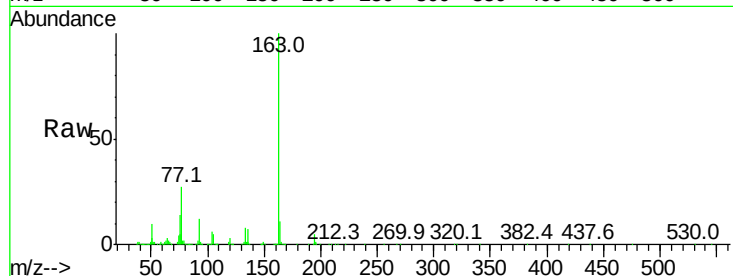
Tot Ion:163 Resp: 1287299

Ion Ratio Lower Upper

163 100

194 5.4 3.6 5.4

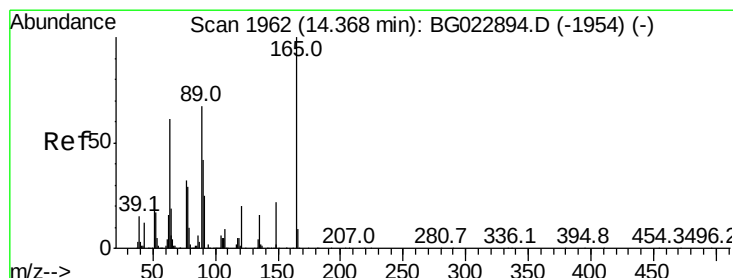
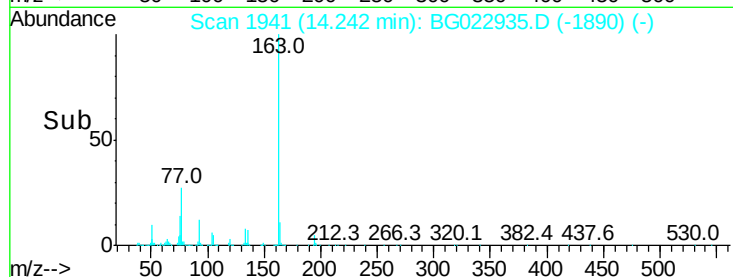
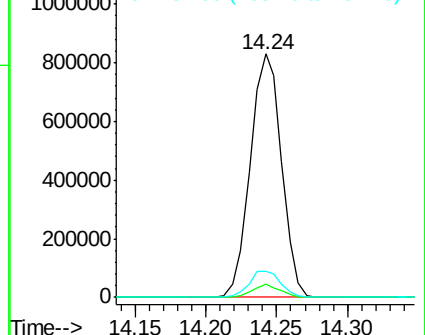
164 10.9 8.1 12.1



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: 37.55 ng

RT: 14.37 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

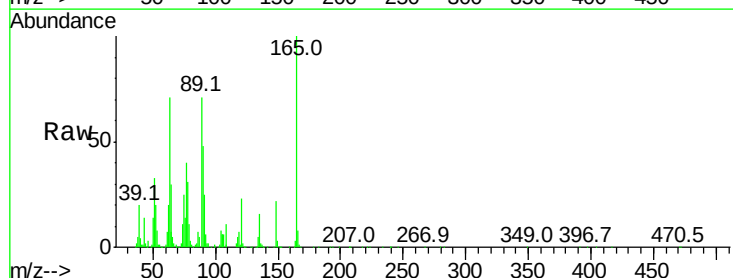
Tgt Ion:165 Resp: 286693

Ion Ratio Lower Upper

165 100

63 71.4 64.3 96.5

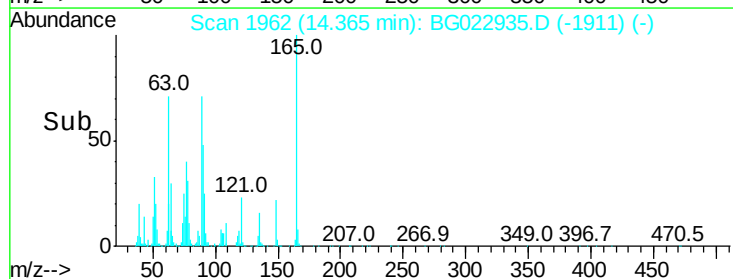
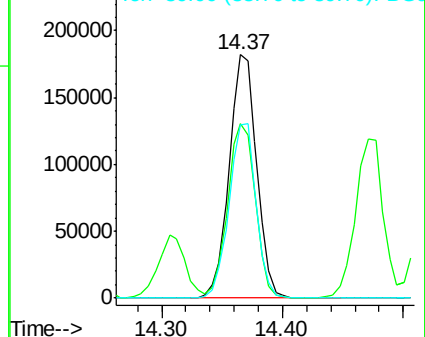
89 71.1 64.3 96.5

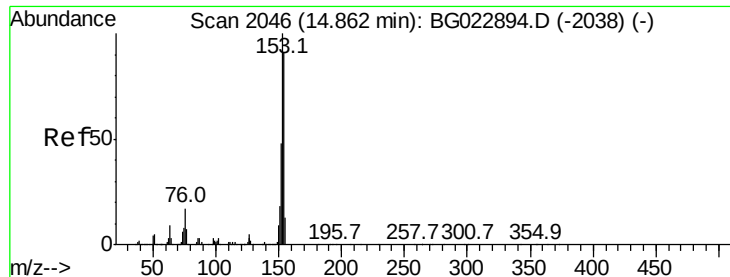


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 39.63 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampled :

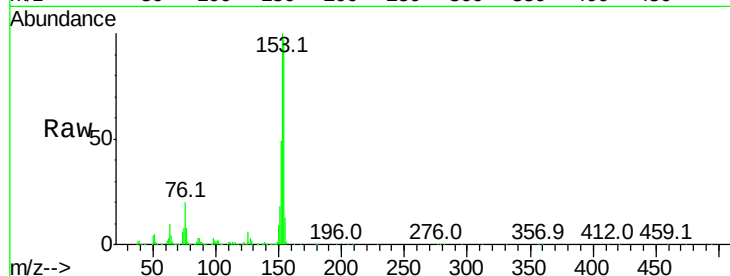
Tot Ion:154 Resp: 983239

Ion Ratio Lower Upper

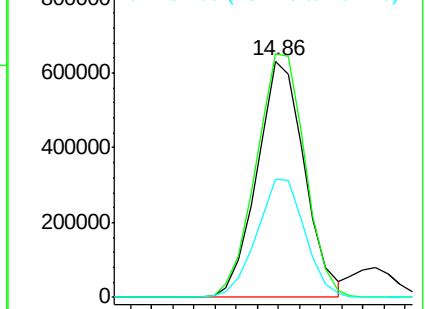
154 100

153 103.1 87.5 131.3

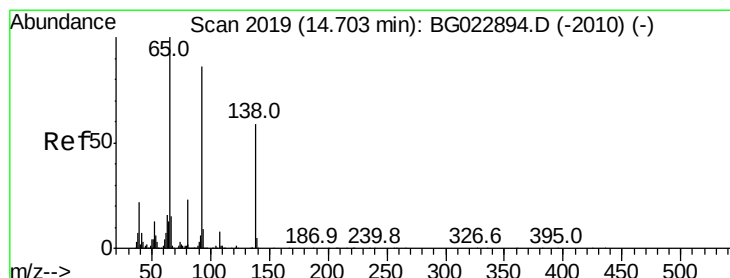
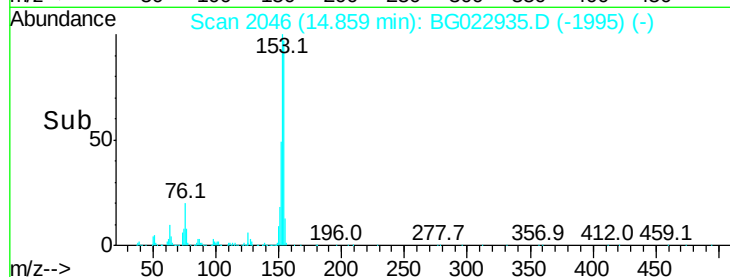
152 50.2 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 38.61 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

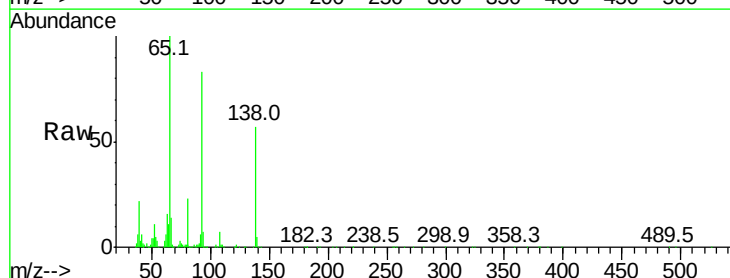
Tgt Ion:138 Resp: 293896

Ion Ratio Lower Upper

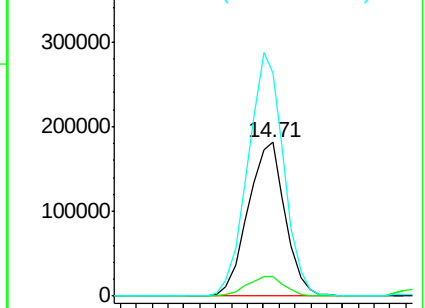
138 100

108 13.1 11.7 17.5

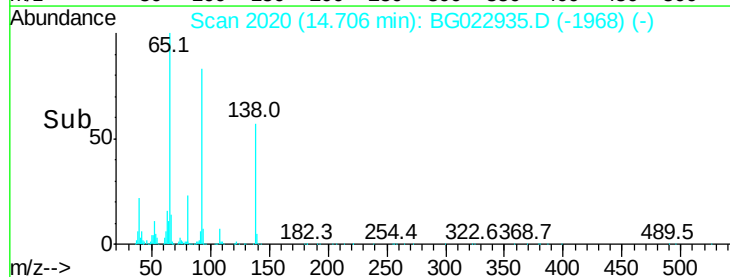
92 145.8 129.7 194.5

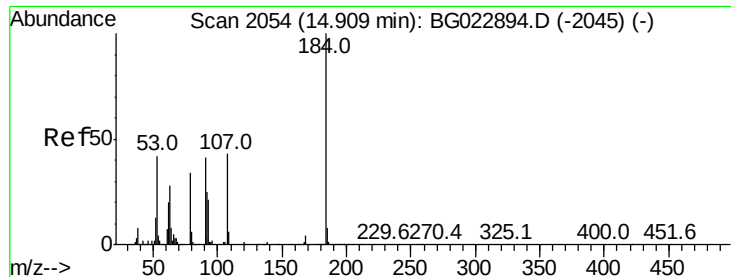


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC



Time-->

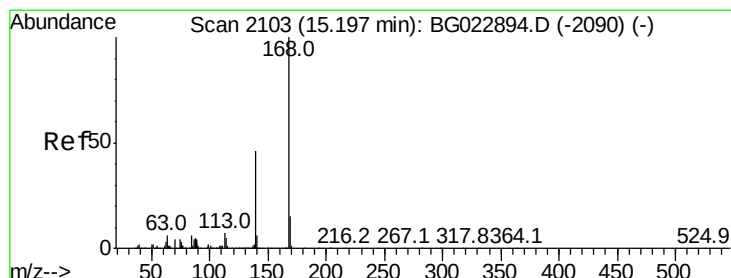
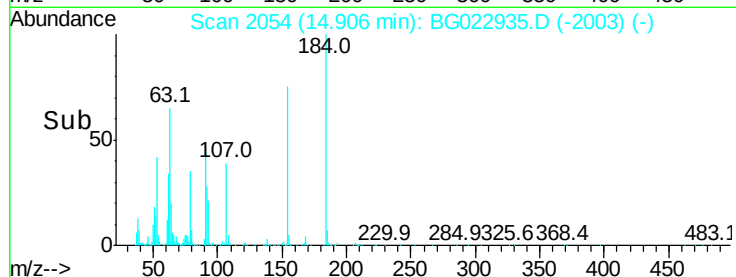
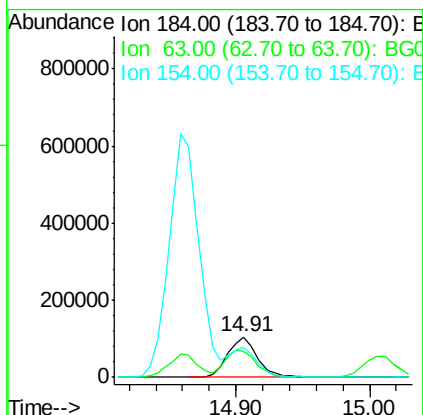
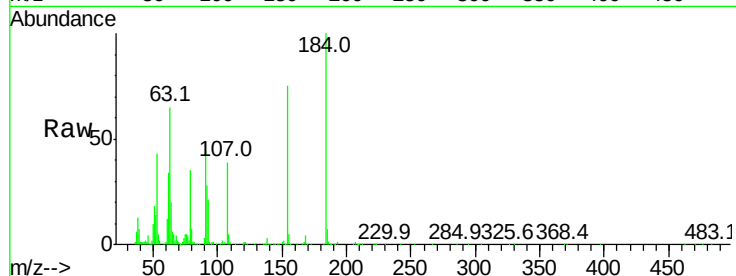




#53
2,4-Dinitrophenol
Concen: 31.74 ng
RT: 14.91 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

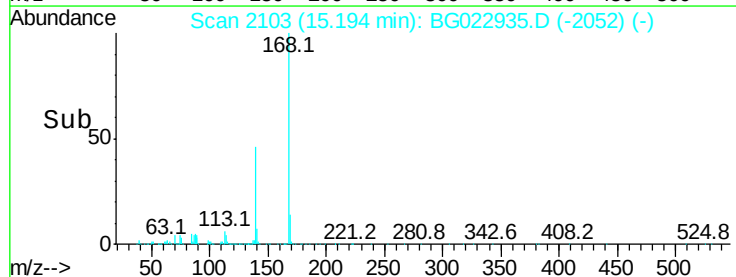
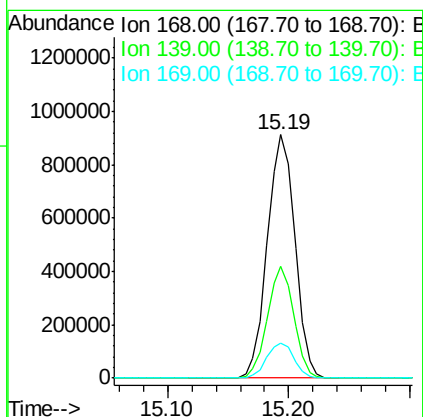
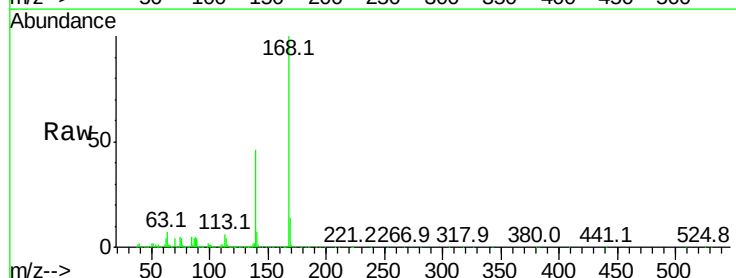
Instrument :
BNA_G
ClientSampleId :

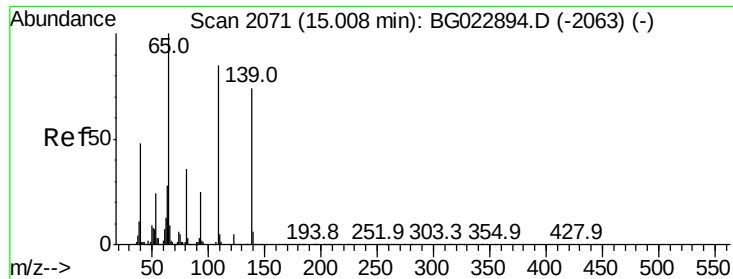
Tot Ion:184 Resp: 166268
Ion Ratio Lower Upper
184 100
63 64.7 59.6 89.4
154 75.3 67.4 101.0



#54
Dibenzofuran
Concen: 38.67 ng
RT: 15.19 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

Tgt Ion:168 Resp: 1435984
Ion Ratio Lower Upper
168 100
139 45.7 36.4 54.6
169 14.4 11.9 17.9

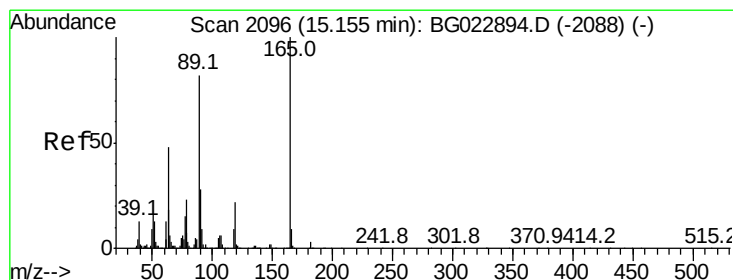
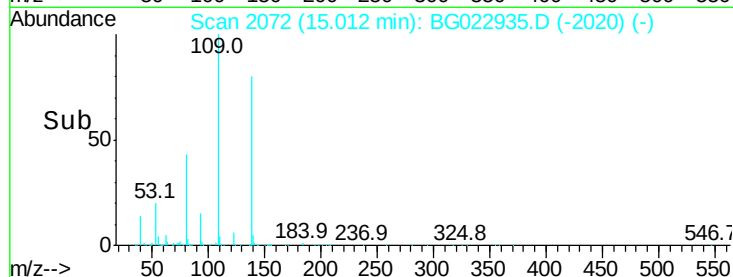
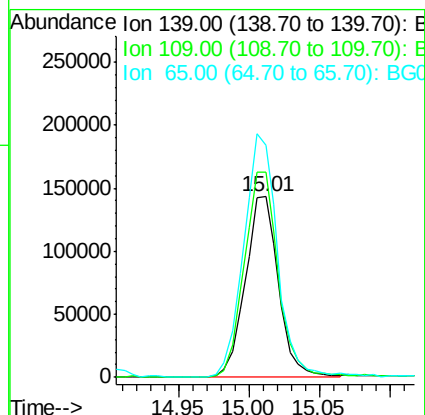
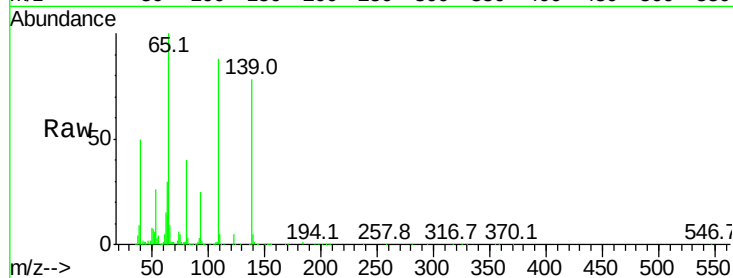




#55
4-Nitrophenol
Concen: 37.02 ng
RT: 15.01 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

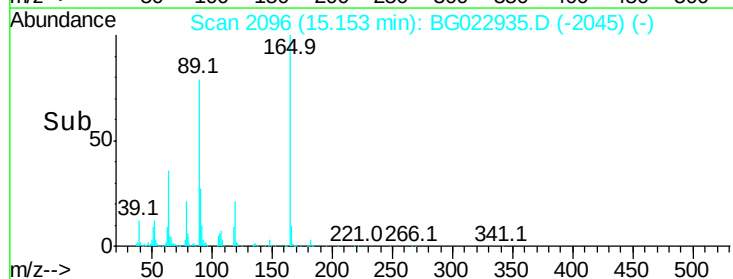
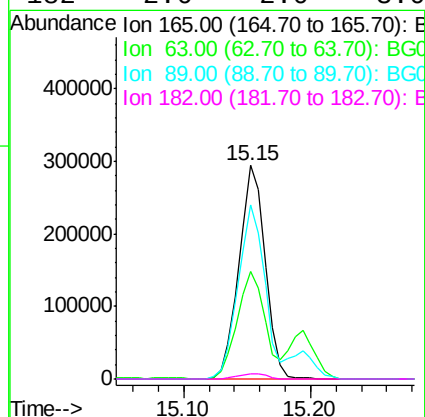
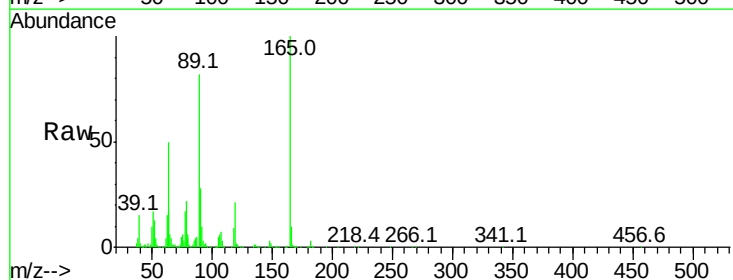
Instrument :
BNA_G
ClientSampleId :

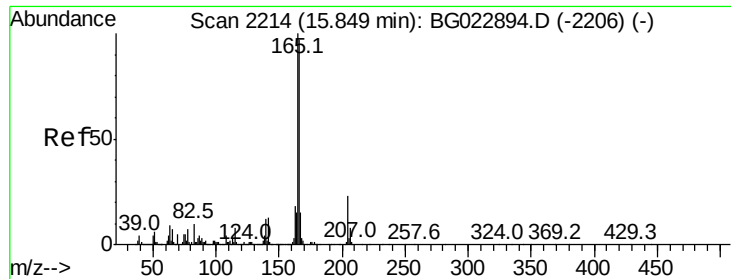
Tot Ion:139 Resp: 236199
Ion Ratio Lower Upper
139 100
109 113.7 103.0 143.0
65 128.5 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 37.84 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

Tgt Ion:165 Resp: 421179
Ion Ratio Lower Upper
165 100
63 50.1 45.8 68.6
89 81.5 68.6 102.8
182 2.6 2.0 3.0





#57

Fluorene

Concen: 39.07 ng

RT: 15.85 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

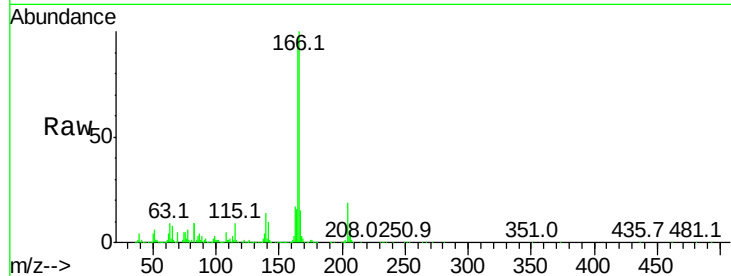
Instrument :

BNA_G

ClientSampleId :

Tot Ion:166 Resp: 1248835

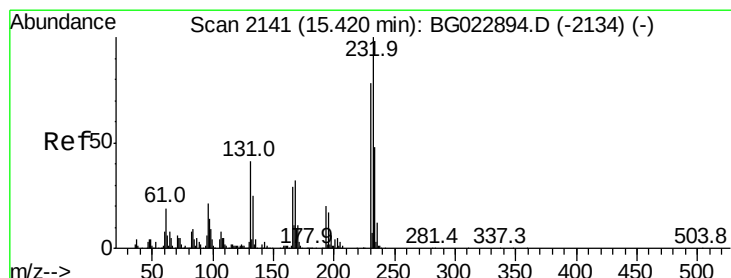
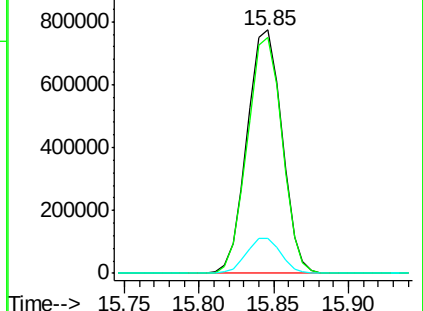
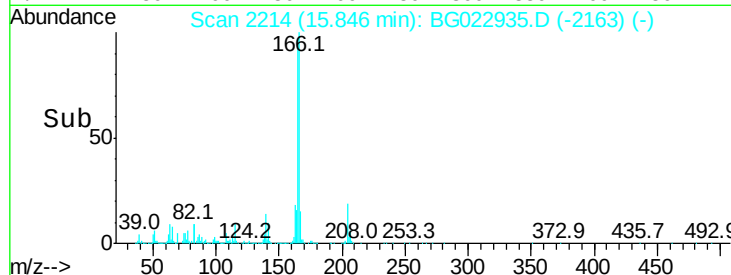
Ion	Ratio	Lower	Upper
166	100		
165	97.0	81.0	121.6
167	14.6	12.0	18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.16 ng

RT: 15.42 min Scan# 2142

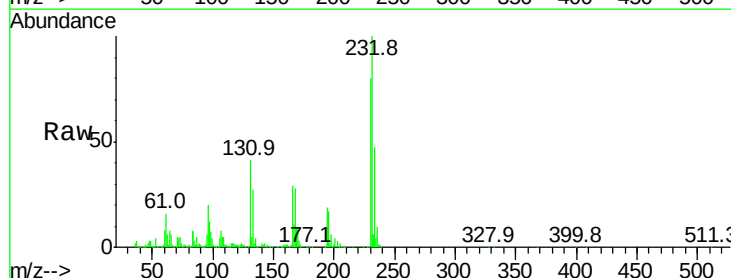
Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Tgt Ion:232 Resp: 403789

Ion	Ratio	Lower	Upper
232	100		
131	40.5	32.7	49.1
130	1.9	2.6	3.8
166	28.9	23.0	34.6

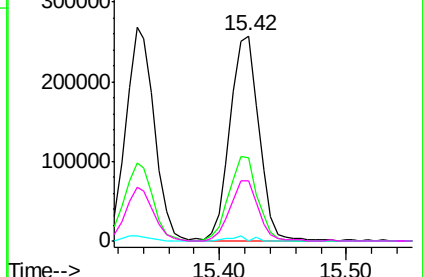
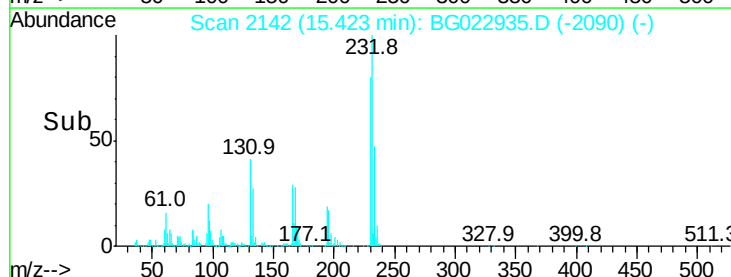


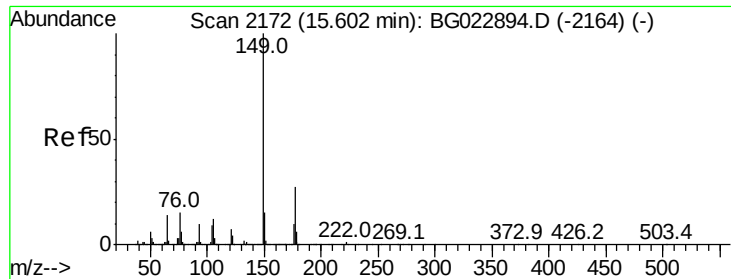
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

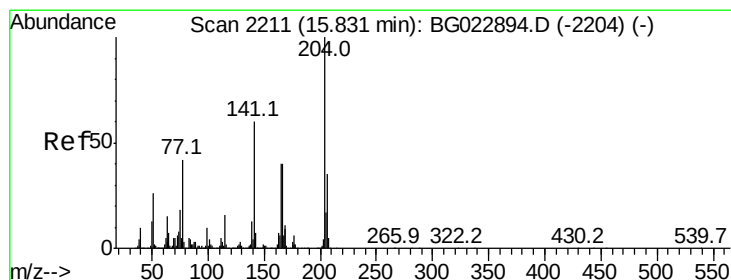
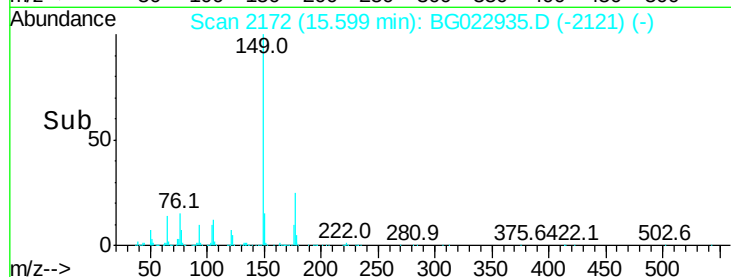
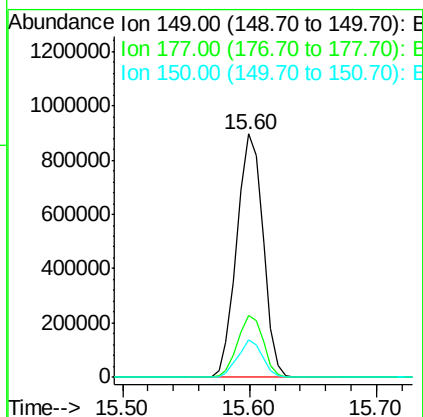
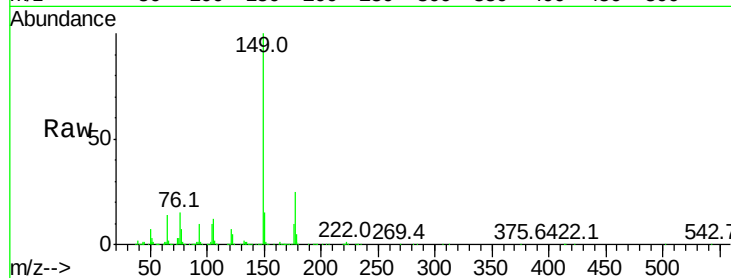




#59
Diethylphthalate
Concen: 37.07 ng
RT: 15.60 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

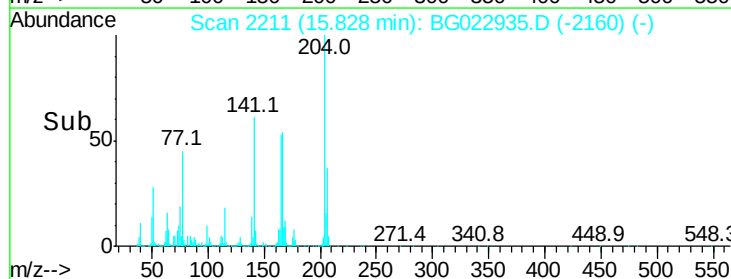
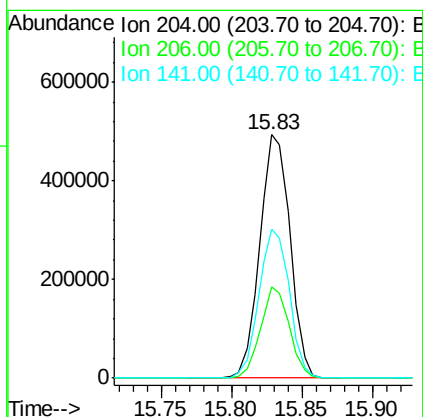
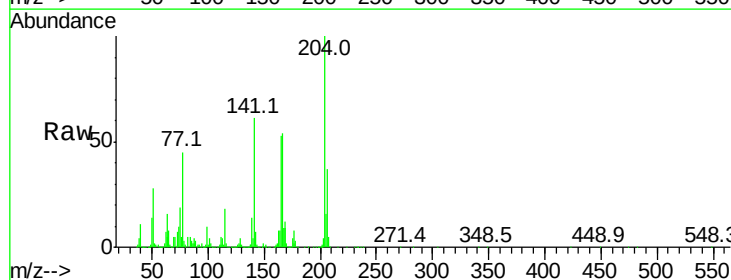
Instrument :
BNA_G
ClientSampleId :

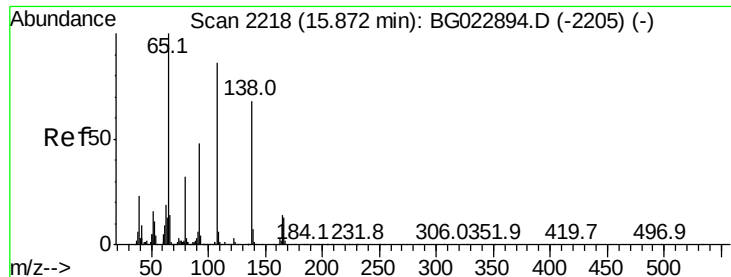
Tot Ion:149 Resp: 1281141
Ion Ratio Lower Upper
149 100
177 25.5 19.2 28.8
150 15.2 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 38.31 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

Tgt Ion:204 Resp: 745767
Ion Ratio Lower Upper
204 100
206 37.3 28.5 42.7
141 61.0 51.4 77.0

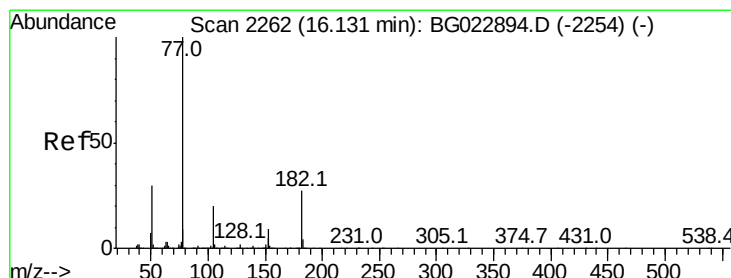
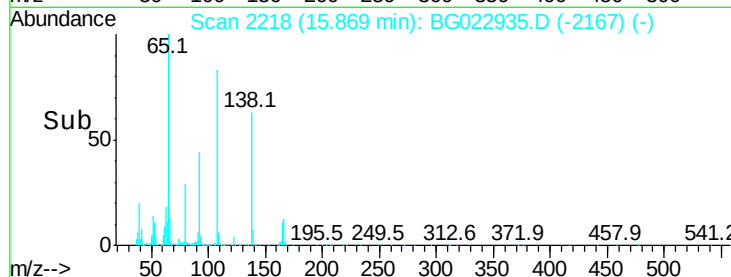
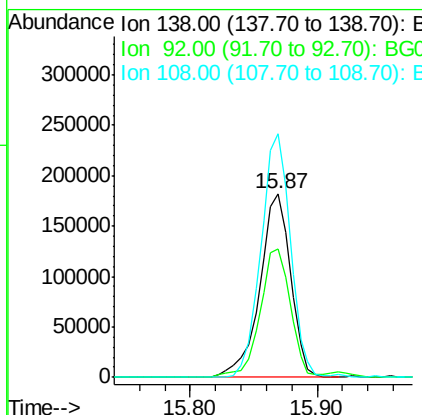
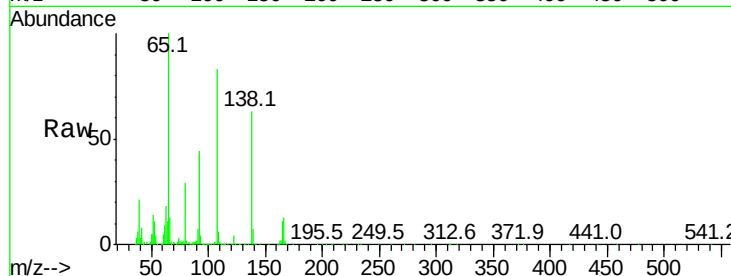




#61
4-Nitroaniline
Concen: 37.49 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

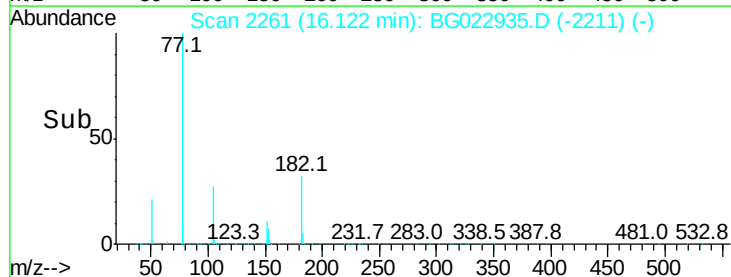
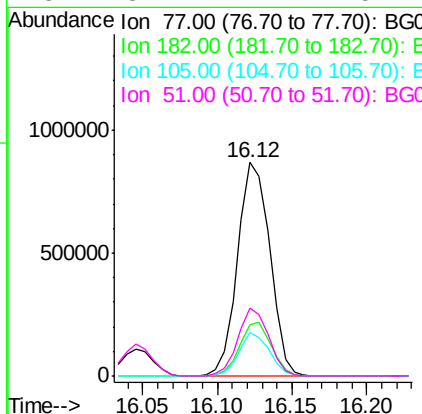
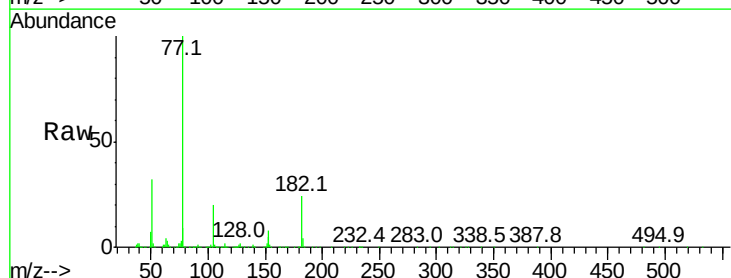
Instrument :
BNA_G
ClientSampleId :

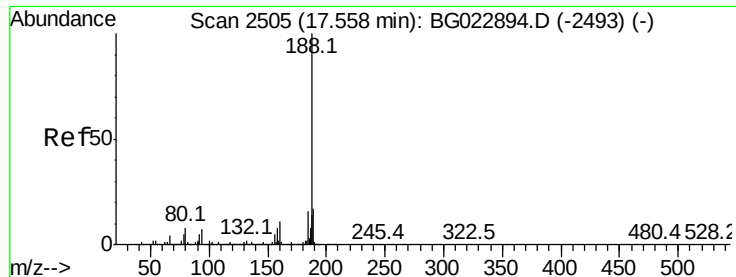
Tot Ion:138 Resp: 308819
Ion Ratio Lower Upper
138 100
92 70.2 54.1 94.1
108 132.6 133.9 173.9#



#62
Azobenzene
Concen: 39.57 ng
RT: 16.12 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

Tgt Ion: 77 Resp: 1308013
Ion Ratio Lower Upper
77 100
182 24.0 3.5 43.5
105 20.4 0.0 38.5
51 32.1 17.1 57.1

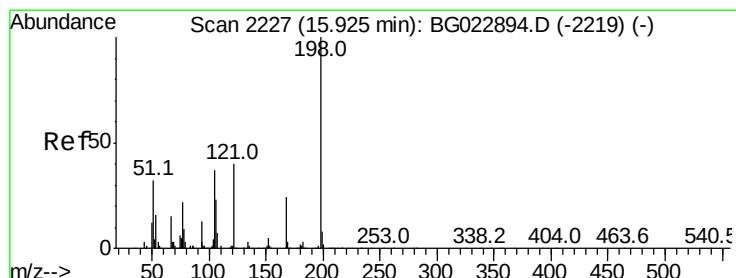
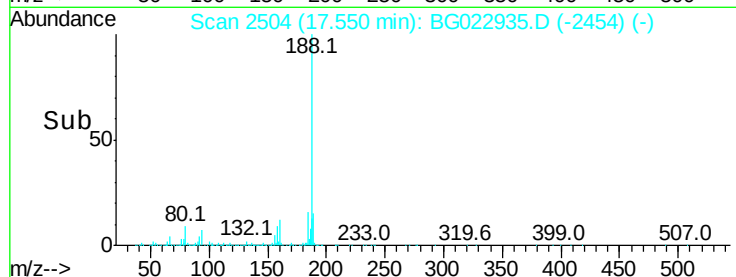
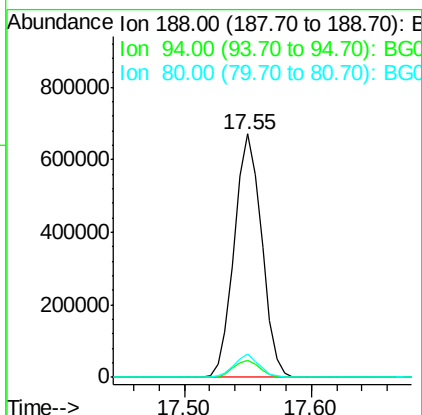
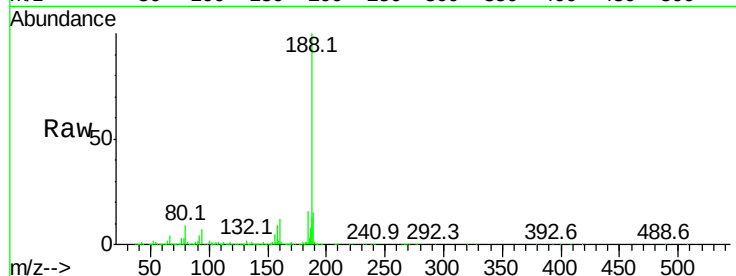




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

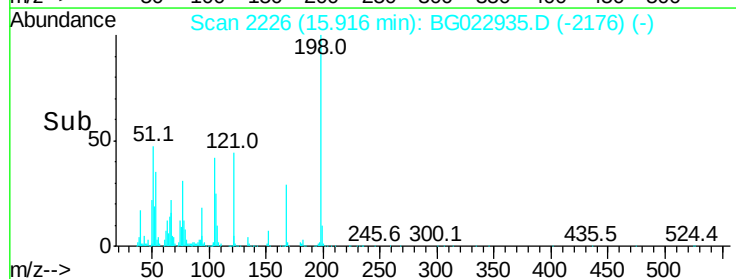
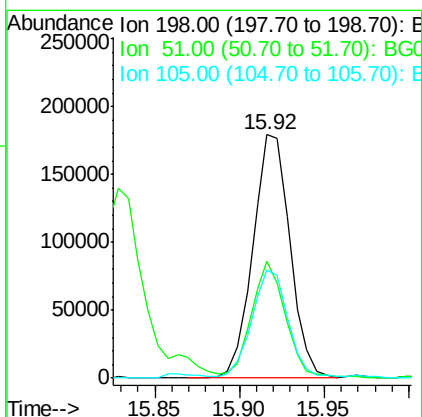
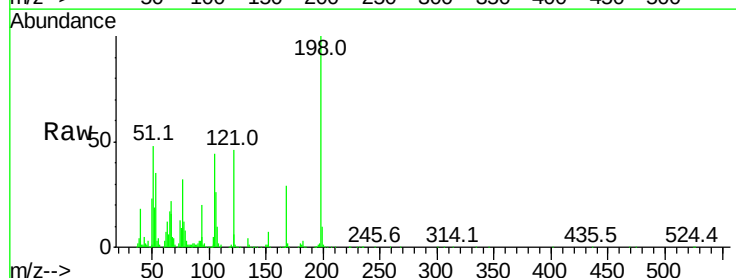
Instrument :
BNA_G
ClientSampleId :

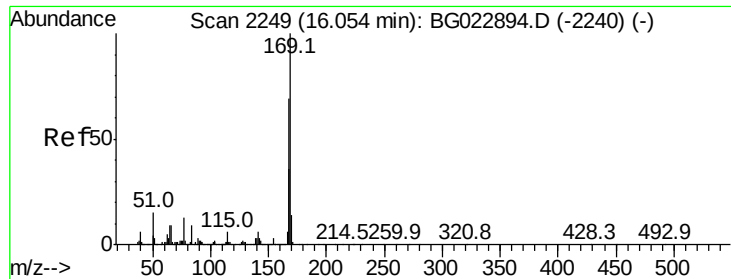
Tot Ion:188 Resp: 1001586
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 9.4 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 36.65 ng
RT: 15.92 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

Tgt Ion:198 Resp: 272830
Ion Ratio Lower Upper
198 100
51 47.9 26.0 66.0
105 44.2 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 40.34 ng

RT: 16.05 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

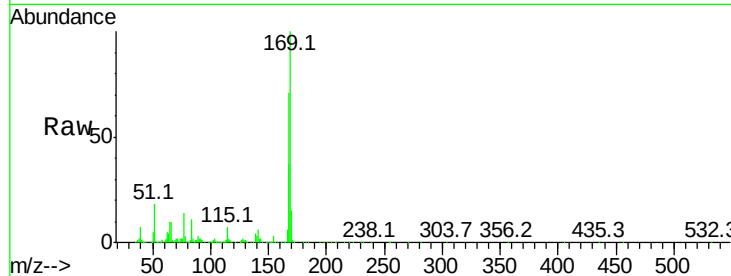
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 1164051

Ion	Ratio	Lower	Upper
169	100		
168	71.1	55.0	82.4
167	37.4	27.4	41.0

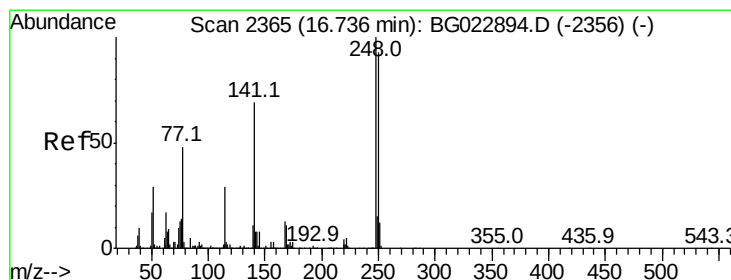
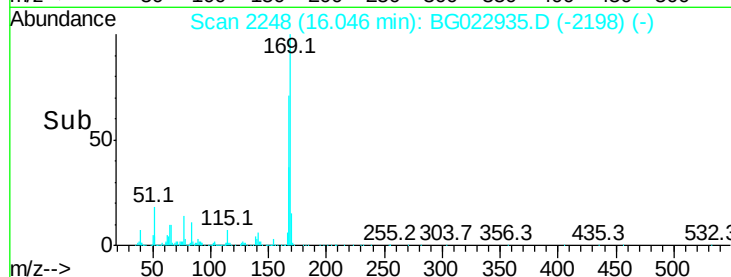
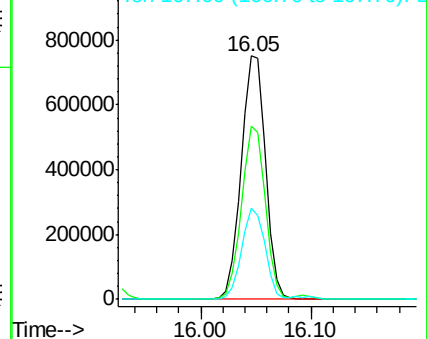


Abundance

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: 38.50 ng

RT: 16.73 min Scan# 2365

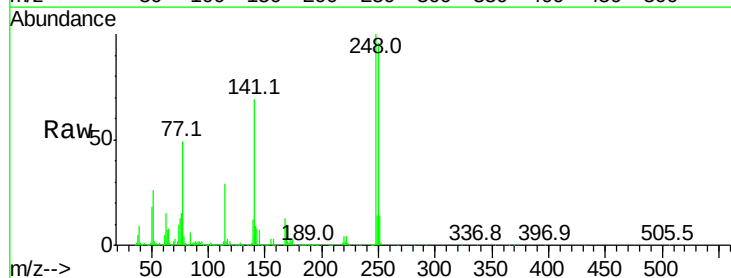
Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Tgt Ion:248 Resp: 501641

Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.8	116.8
141	69.1	65.7	98.5

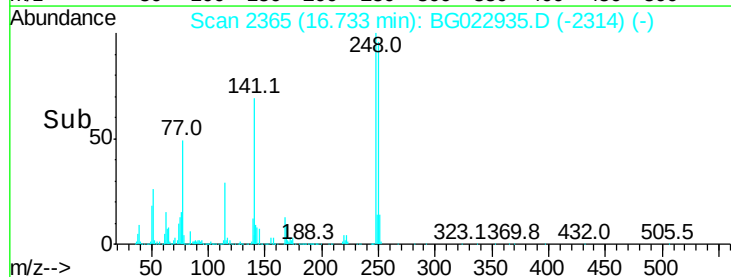
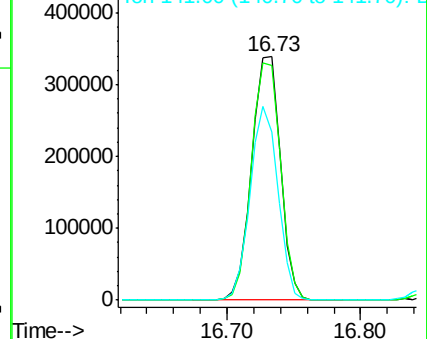


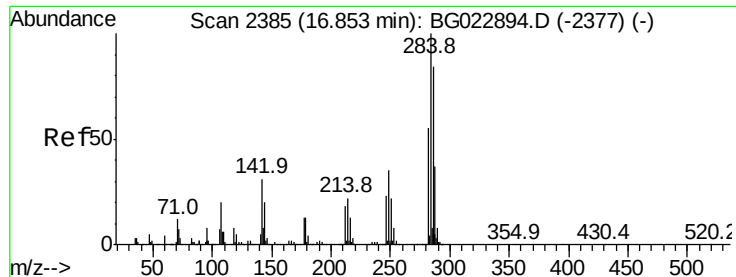
Abundance

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: 39.57 ng

RT: 16.85 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

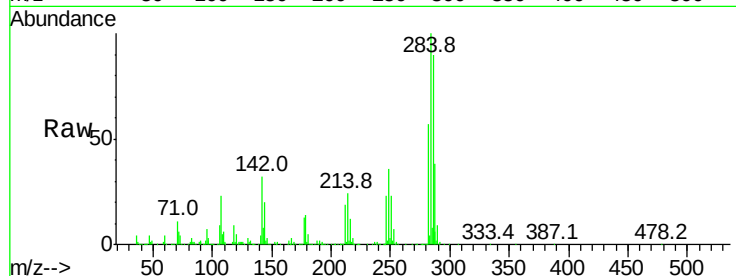
Instrument :

BNA_G

ClientSampled :

Tot Ion:284 Resp: 560692

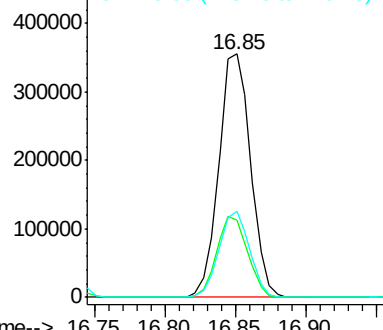
Ion	Ratio	Lower	Upper
284	100		
142	31.9	26.8	40.2
249	35.5	28.9	43.3



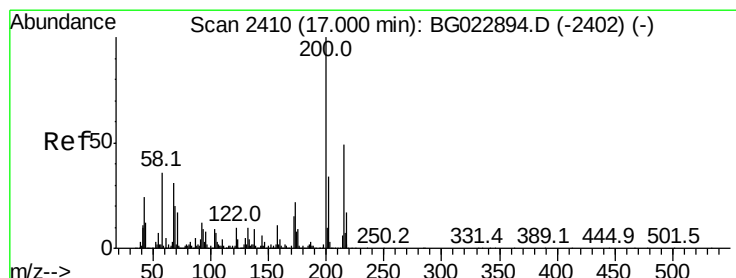
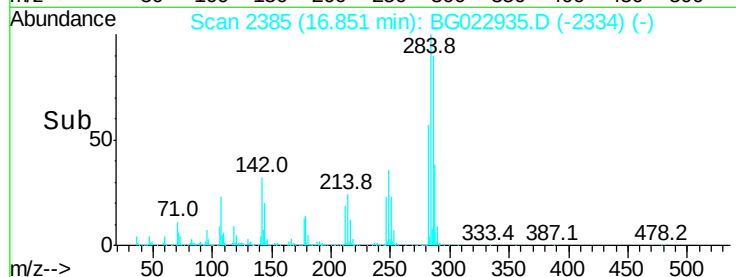
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time--> 16.75 16.80 16.85 16.90



#68

Atrazine

Concen: 38.83 ng

RT: 16.99 min Scan# 2409

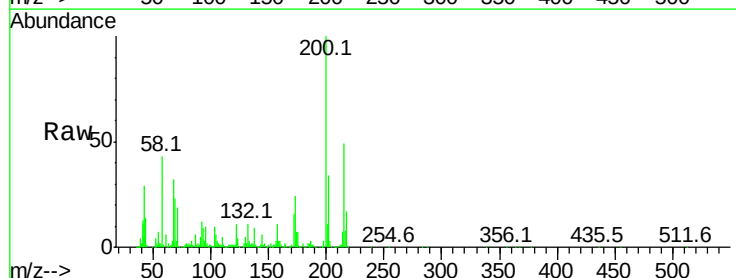
Delta R.T. -0.01 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Tgt Ion:200 Resp: 497047

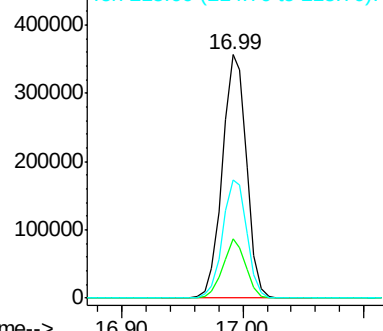
Ion	Ratio	Lower	Upper
200	100		
173	24.2	1.6	41.6
215	48.6	28.7	68.7



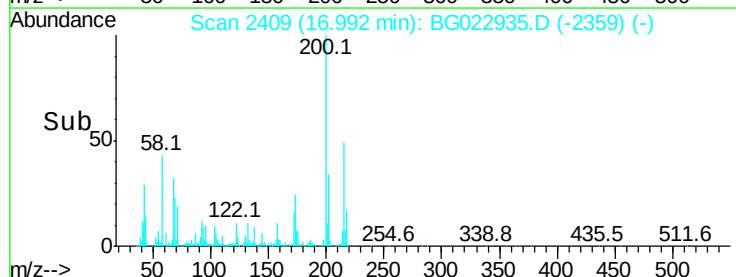
Abundance Ion 200.00 (199.70 to 200.70): E

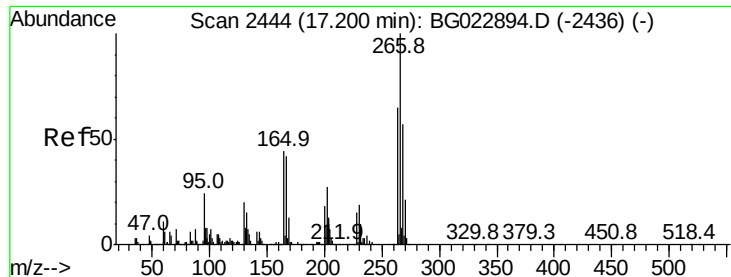
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time--> 16.90 17.00

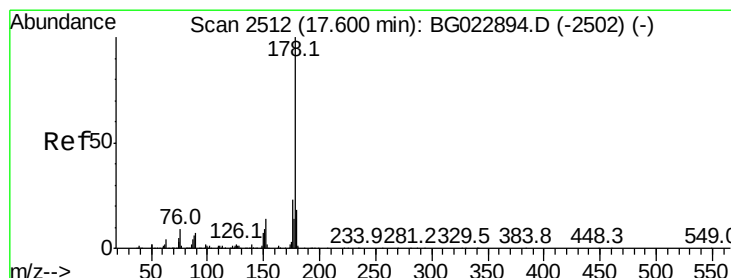
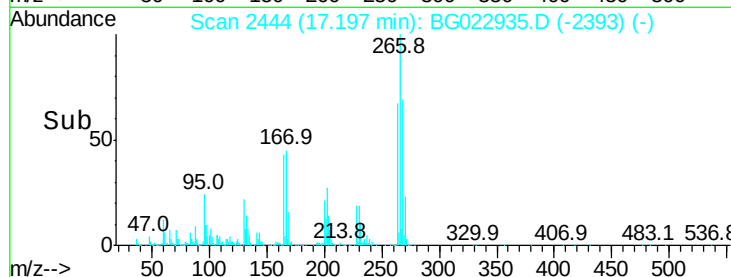
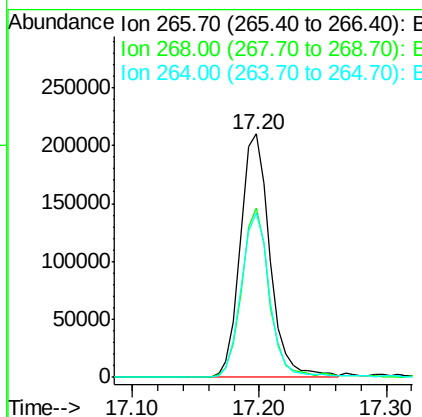
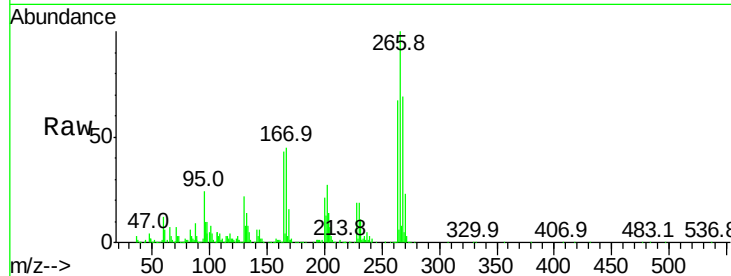




#69
 Pentachlorophenol
 Concen: 37.02 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG022935.D
 Acq: 8 Jul 2016 18:05

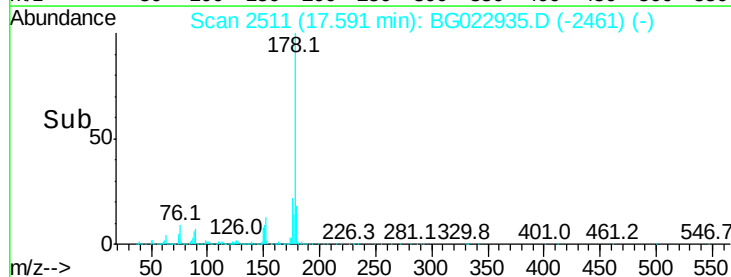
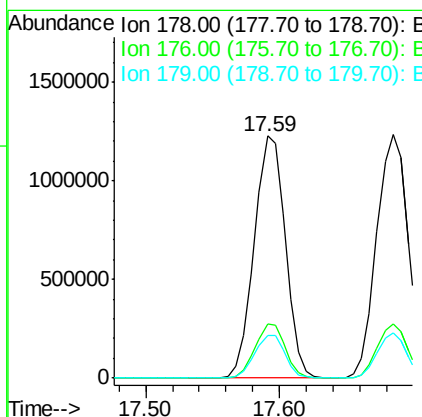
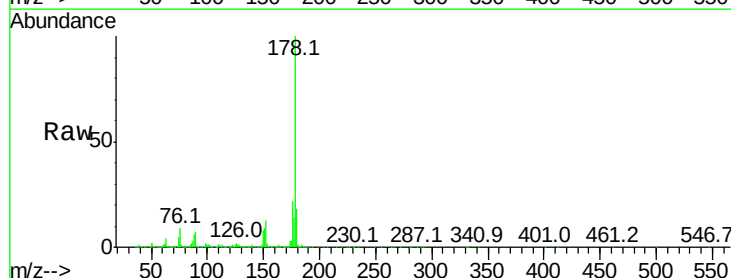
Instrument :
 BNA_G
 ClientSampleId :

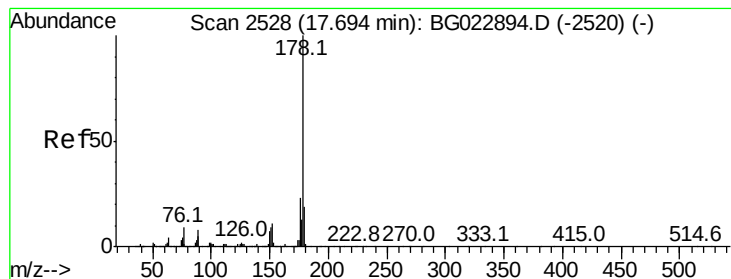
Tot Ion	Ratio	Lower	Upper
266	100		
268	69.5	51.9	77.9
264	67.2	50.6	75.8



#70
 Phenanthrene
 Concen: 40.08 ng
 RT: 17.59 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG022935.D
 Acq: 8 Jul 2016 18:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.4	16.8	25.2
179	17.6	14.3	21.5





#71

Anthracene

Concen: 40.35 ng

RT: 17.68 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

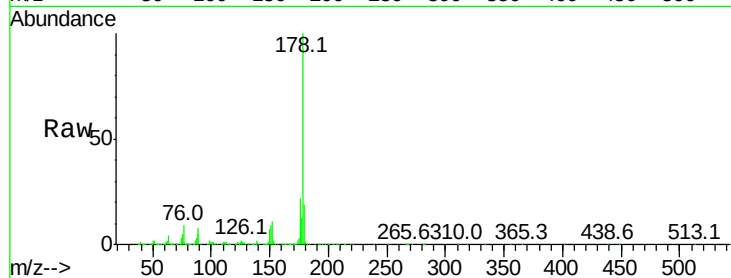
Tot Ion:178 Resp: 2005488

Ion Ratio Lower Upper

178 100

176 22.4 17.3 25.9

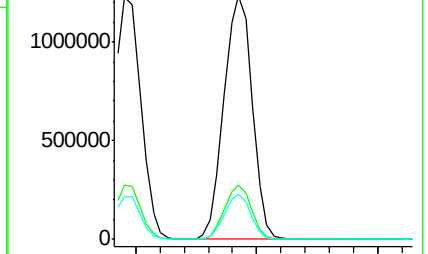
179 18.7 14.0 21.0



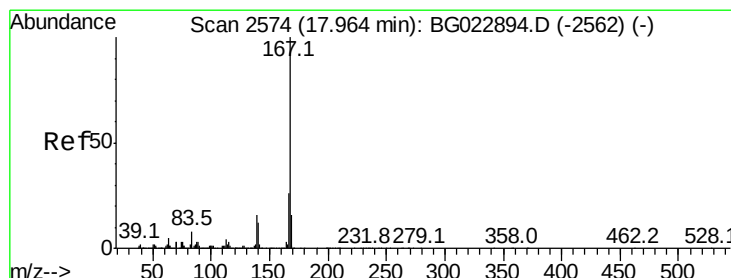
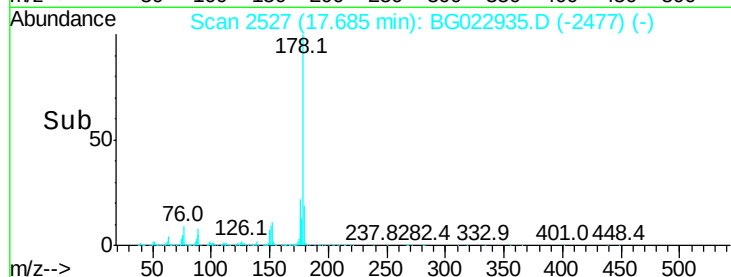
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 40.51 ng

RT: 17.96 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

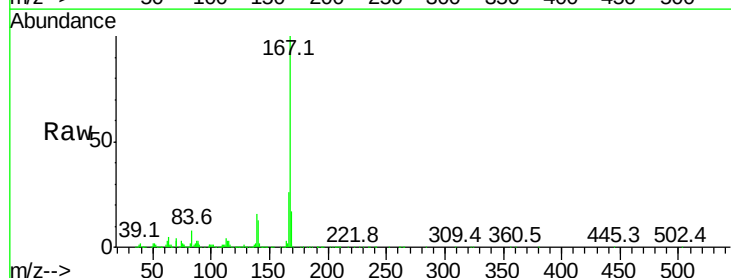
Tgt Ion:167 Resp: 1739670

Ion Ratio Lower Upper

167 100

166 25.8 20.7 31.1

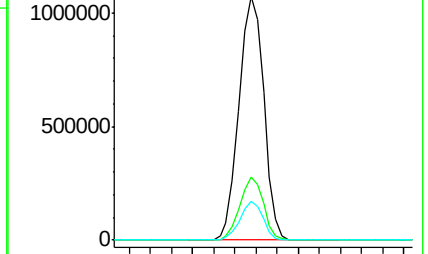
139 15.8 11.9 17.9



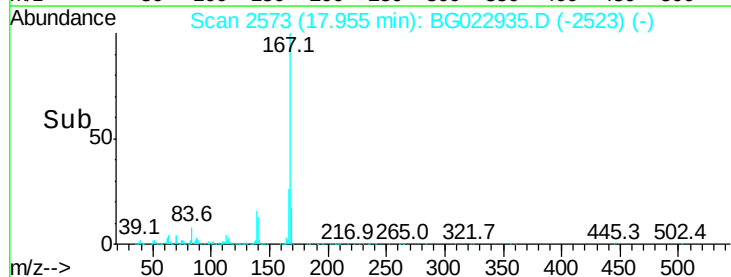
Abundance Ion 167.00 (166.70 to 167.70): E

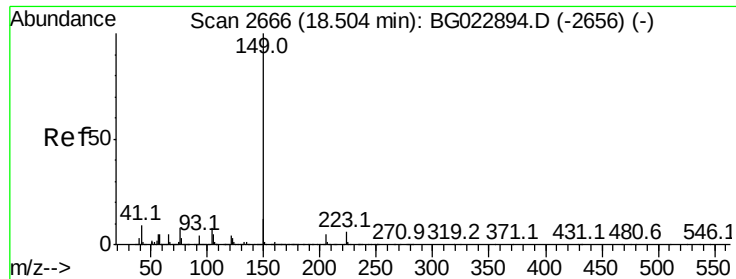
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 42.12 ng

RT: 18.50 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

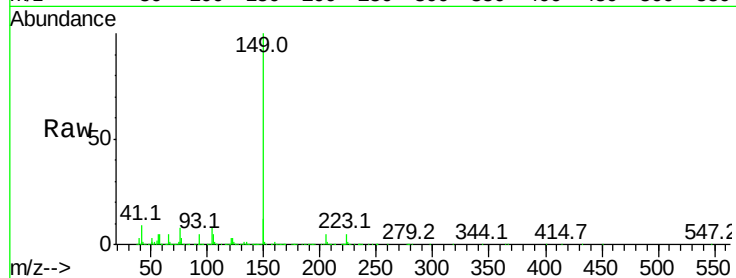
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 2011741

Ion	Ratio	Lower	Upper
149	100		
150	11.8	9.1	13.7
104	8.0	6.9	10.3

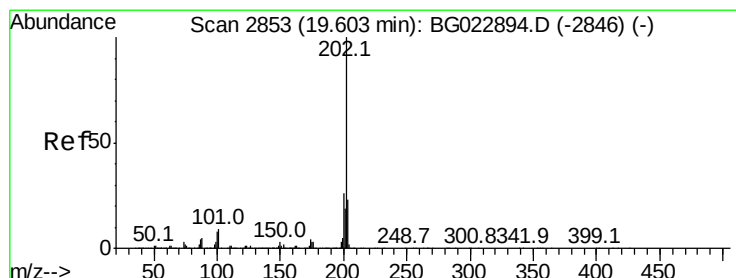
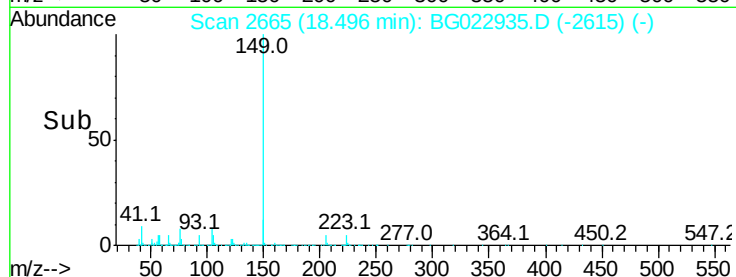
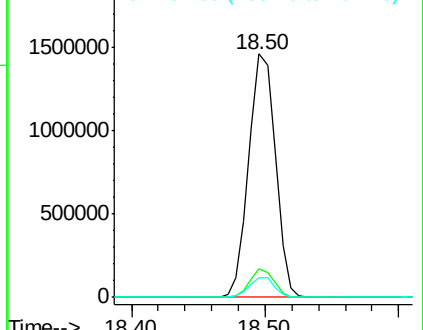


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.39 ng

RT: 19.60 min Scan# 2853

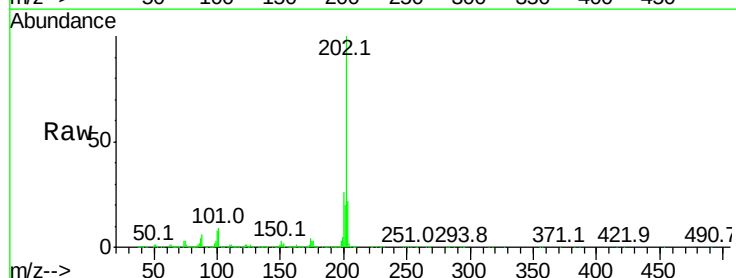
Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Tgt Ion:202 Resp: 2372791

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	27.4
203	22.3	1.7	41.7

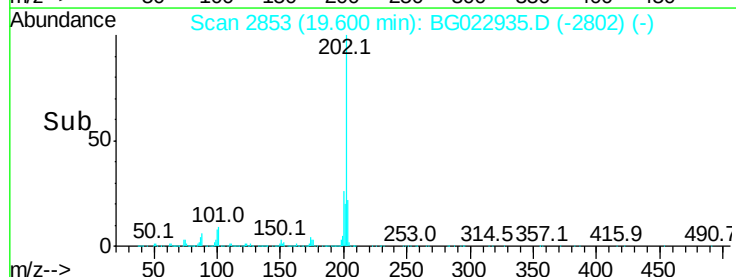
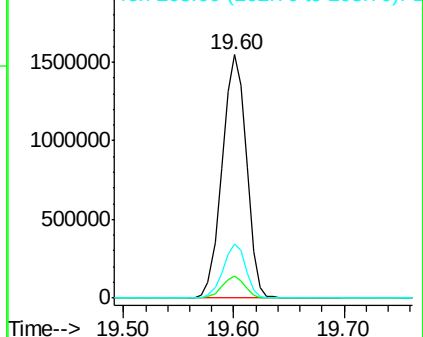


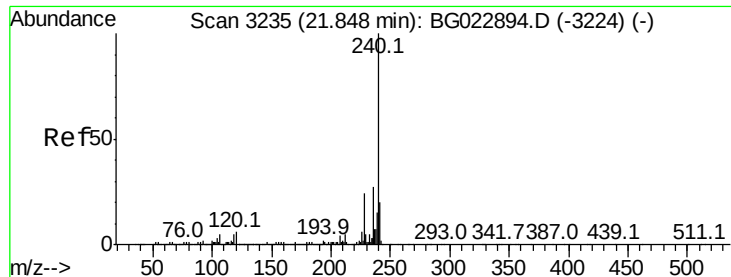
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

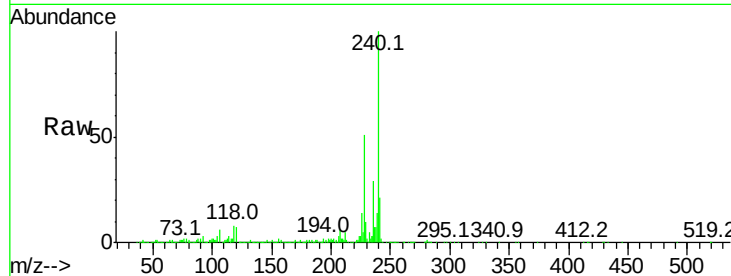
Tot Ion:240 Resp: 1152849

Ion Ratio Lower Upper

240 100

120 6.6 4.1 6.1#

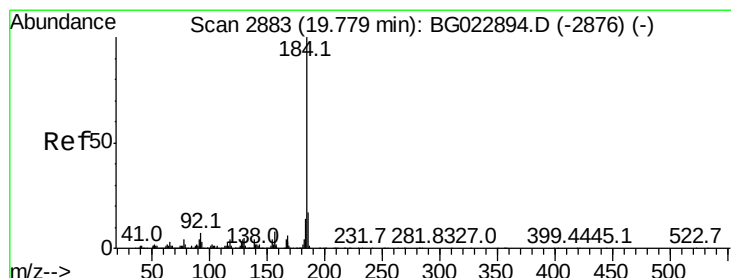
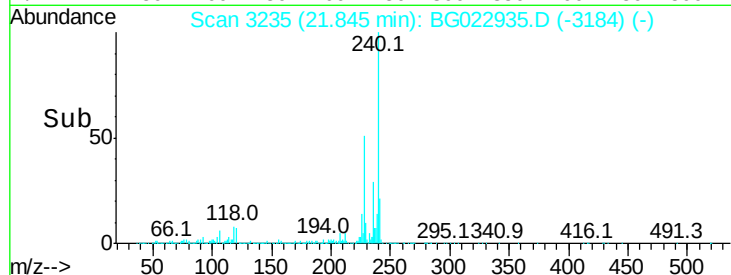
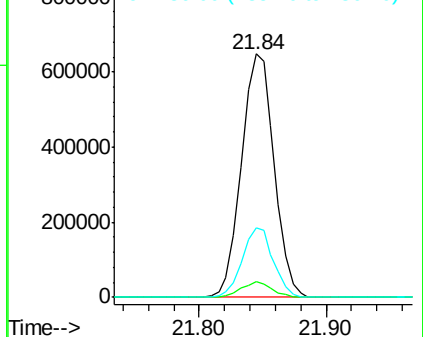
236 28.7 21.1 31.7



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: 37.14 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

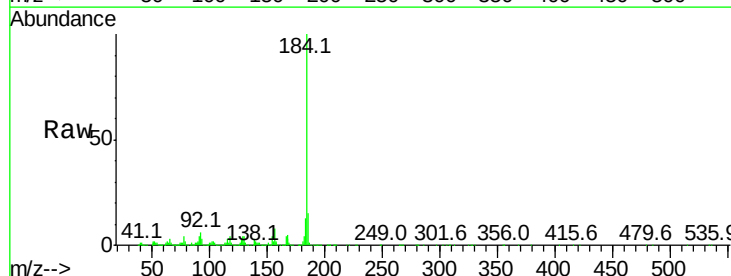
Tgt Ion:184 Resp: 1227334

Ion Ratio Lower Upper

184 100

185 15.1 12.6 19.0

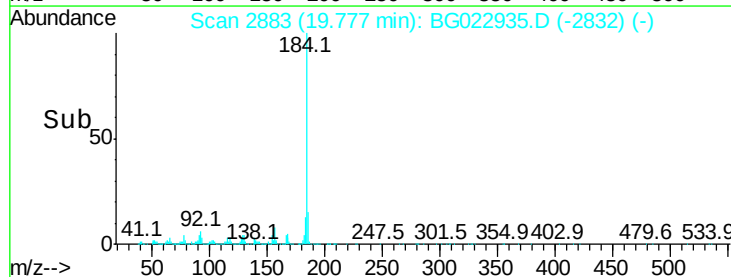
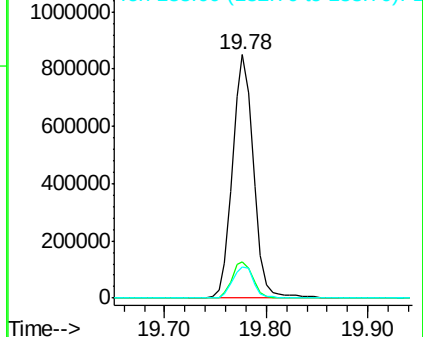
183 12.9 10.7 16.1

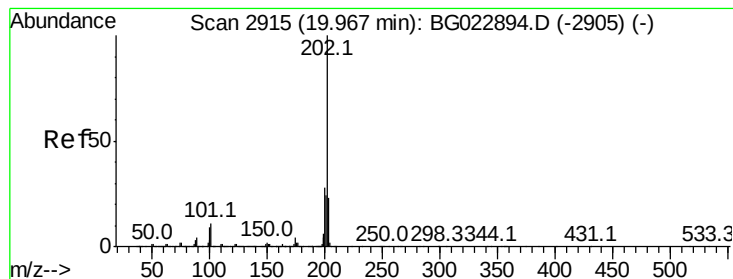


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.64 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

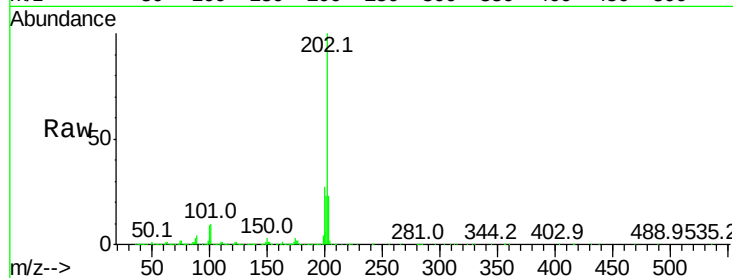
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 2438402

Ion	Ratio	Lower	Upper
202	100		
200	26.9	21.2	31.8
203	22.5	16.8	25.2

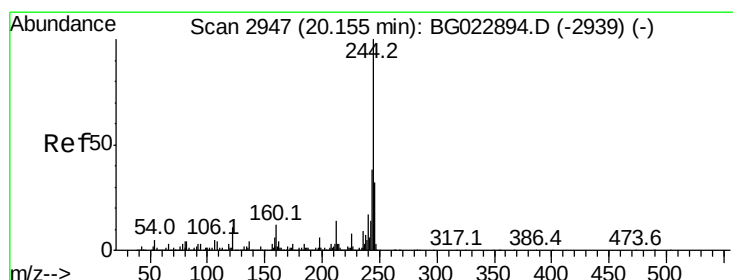
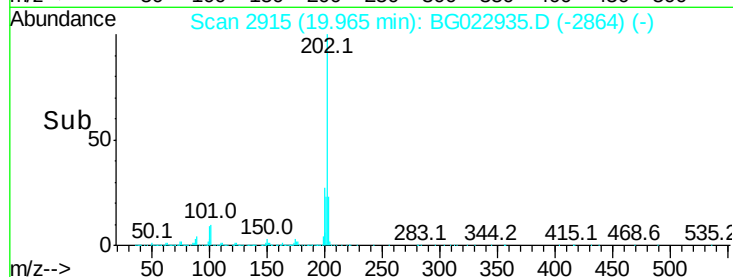
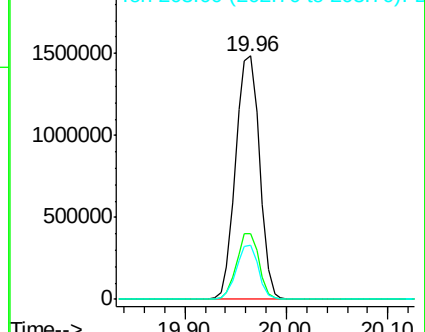


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.56 ng

RT: 20.15 min Scan# 2947

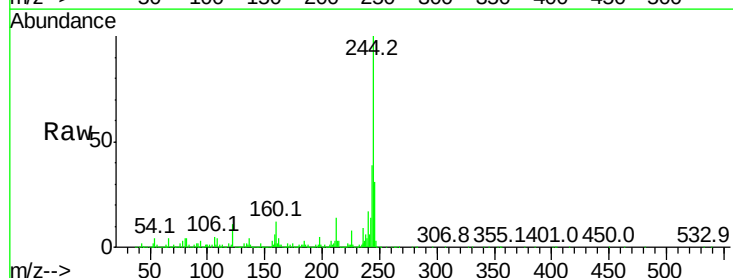
Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Tgt Ion:244 Resp: 2963080

Ion	Ratio	Lower	Upper
244	100		
212	14.1	10.8	16.2
122	10.6	8.0	12.0

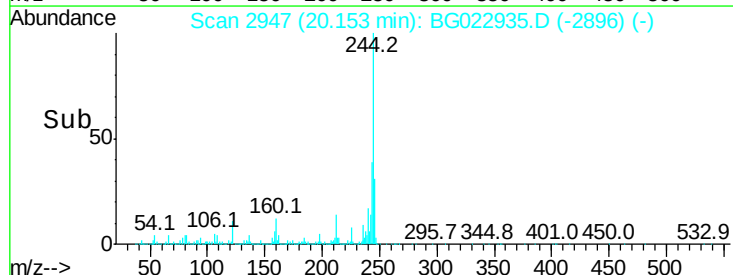
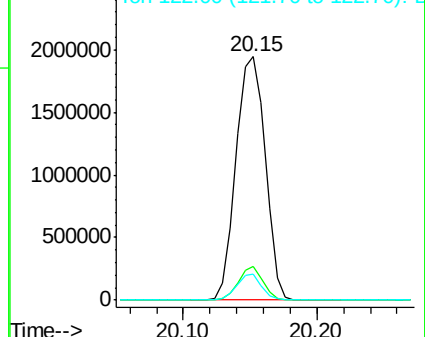


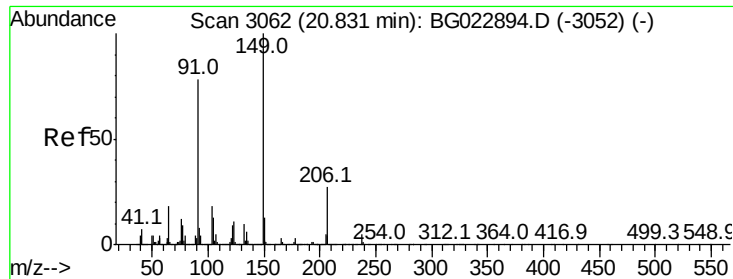
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

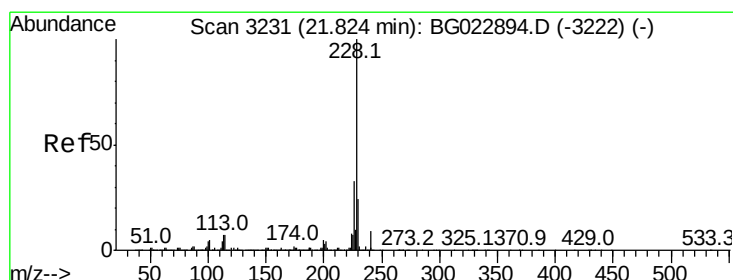
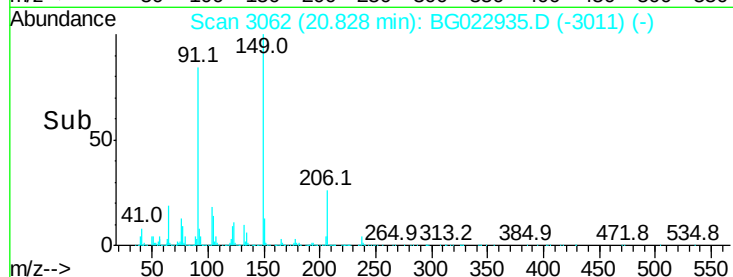
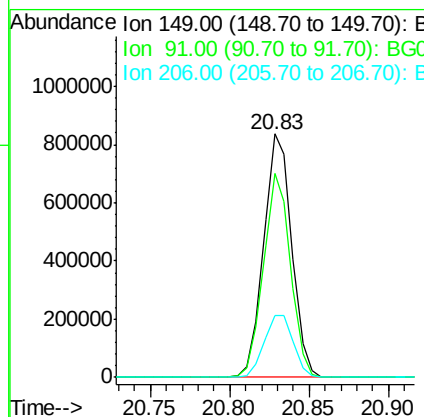
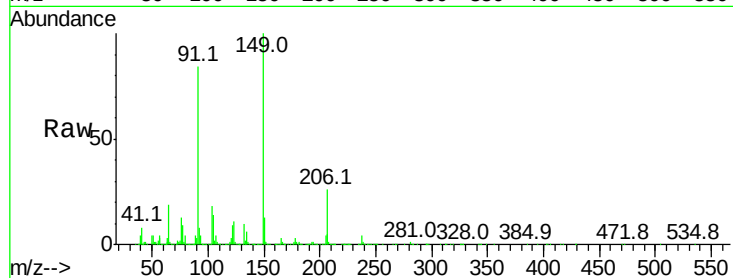




#79
Butylbenzylphthalate
Concen: 40.20 ng
RT: 20.83 min Scan# 3062
Delta R.T. -0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

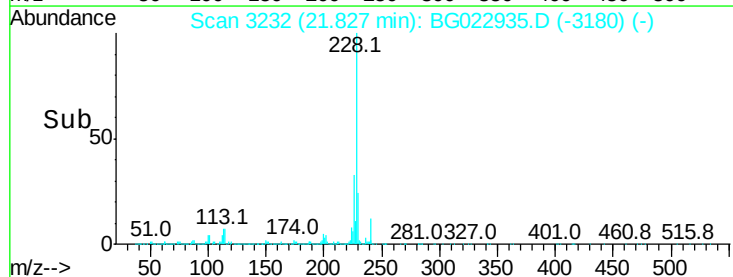
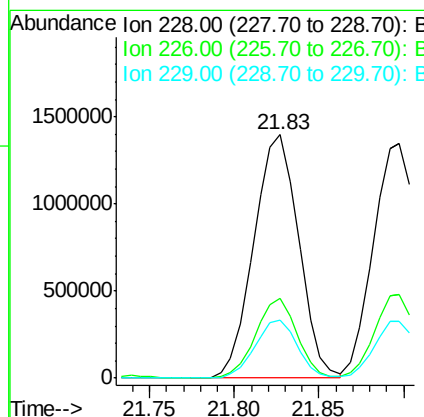
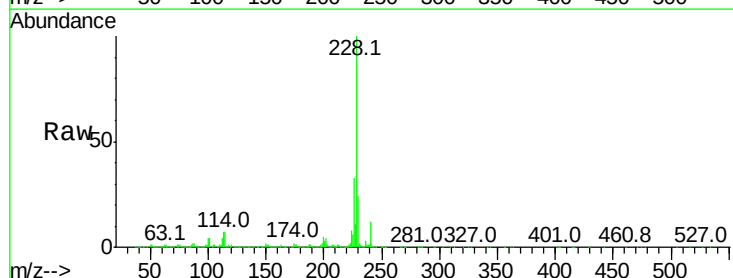
Instrument :
BNA_G
ClientSampled :

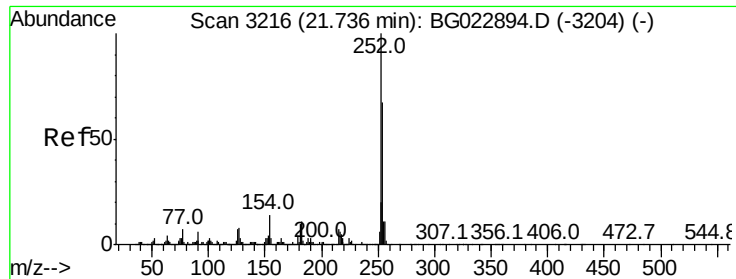
Tot Ion:149 Resp: 1031570
Ion Ratio Lower Upper
149 100
91 83.6 68.1 102.1
206 25.6 19.8 29.6



#80
Benzo(a)anthracene
Concen: 39.82 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG022935.D
Acq: 8 Jul 2016 18:05

Tgt Ion:228 Resp: 2568684
Ion Ratio Lower Upper
228 100
226 32.7 25.3 37.9
229 23.7 19.9 29.9





#81

3,3'-Dichlorobenzidine

Concen: 39.47 ng

RT: 21.73 min Scan# 3216

Delta R.T. -0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

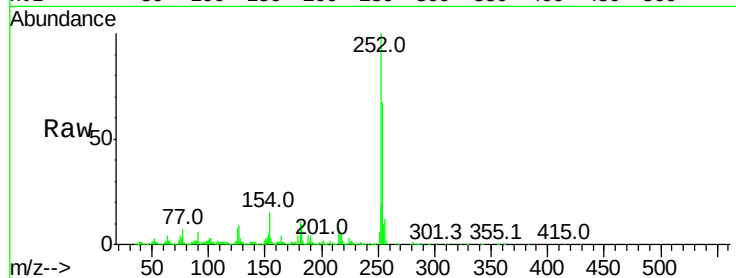
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1117580

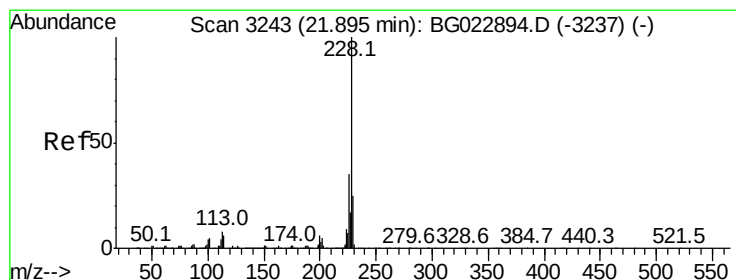
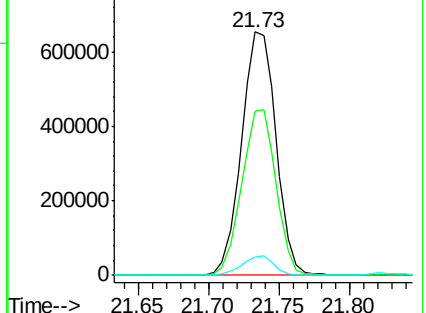
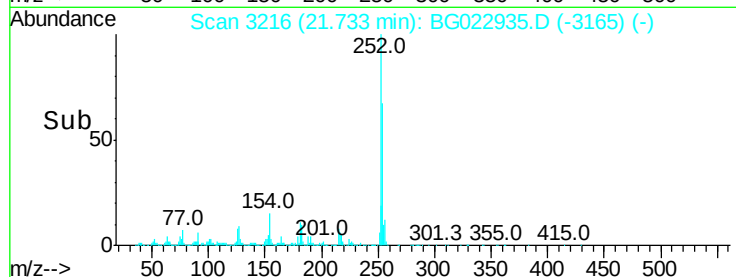
Ion	Ratio	Lower	Upper
252	100		
254	67.2	51.2	76.8
126	7.8	5.3	7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.05 ng

RT: 21.90 min Scan# 3244

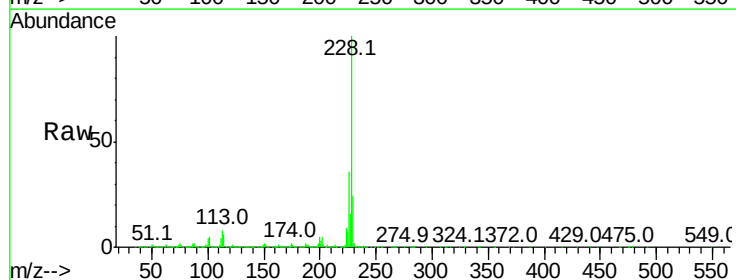
Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Tgt Ion:228 Resp: 2423262

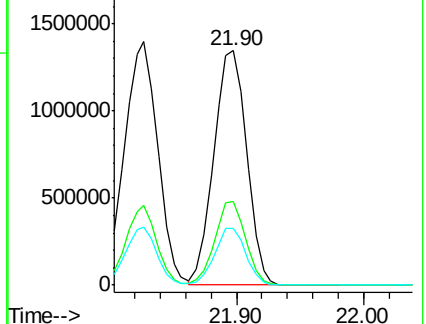
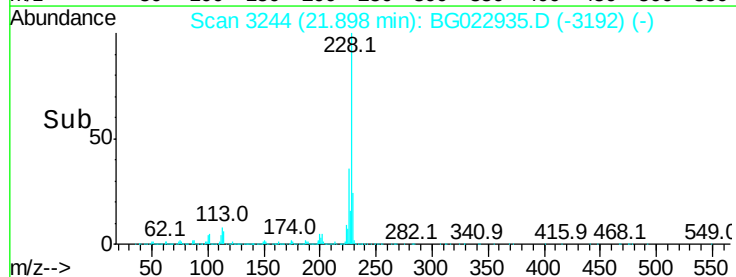
Ion	Ratio	Lower	Upper
228	100		
226	35.6	26.7	40.1
229	23.9	17.4	26.2

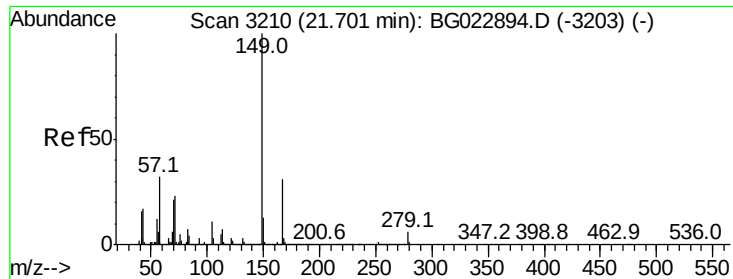


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.61 ng

RT: 21.70 min Scan# 3211

Delta R.T. 0.00 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

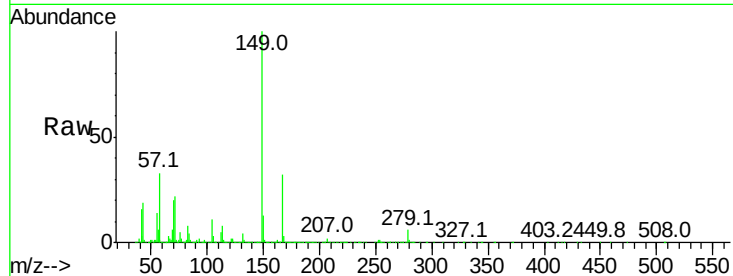
Tot Ion:149 Resp: 1411387

Ion	Ratio	Lower	Upper
149	100		
167	32.1	24.0	36.0
279	6.4	4.8	7.2

149 100

167 32.1 24.0 36.0

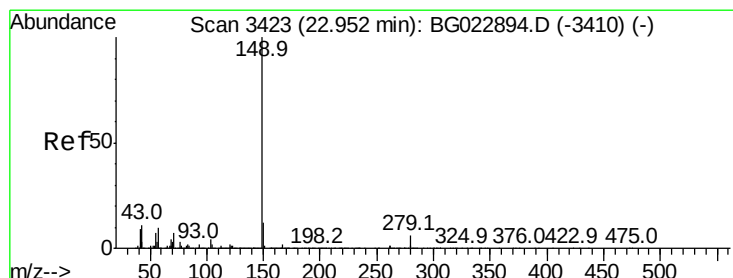
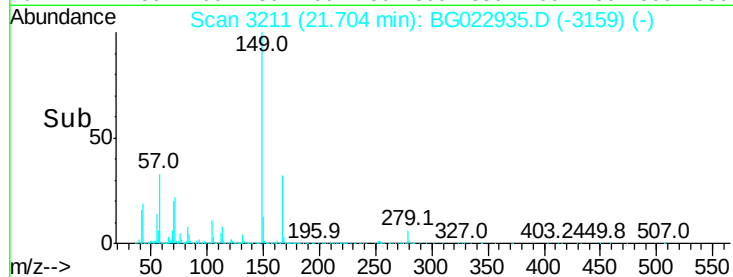
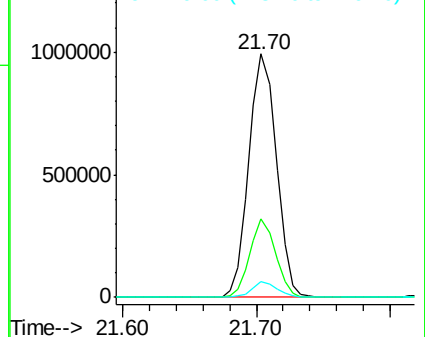
279 6.4 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.50 ng

RT: 22.96 min Scan# 3425

Delta R.T. 0.01 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

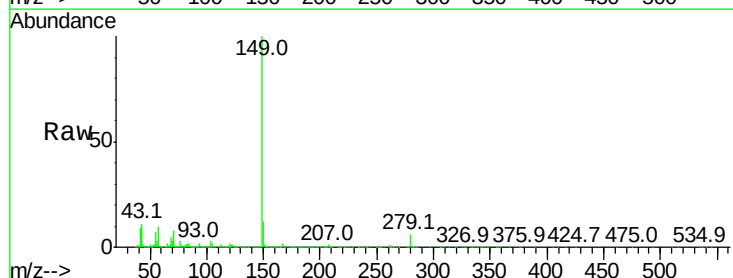
Tgt Ion:149 Resp: 2406437

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.5	2.3
43	10.4	8.8	13.2

149 100

167 1.9 1.5 2.3

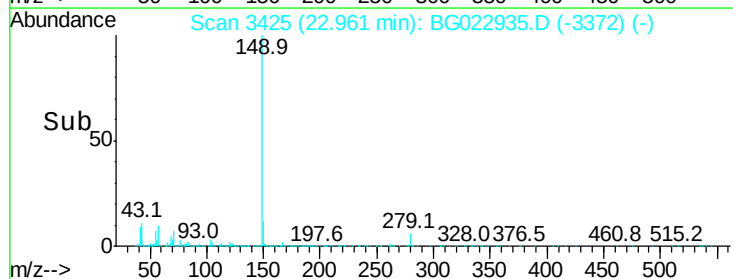
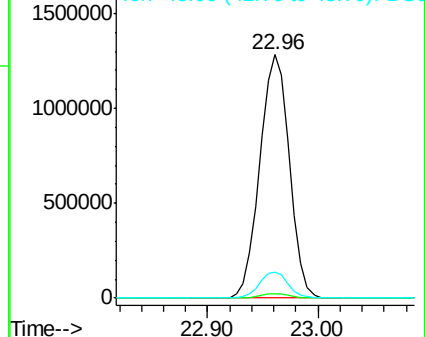
43 10.4 8.8 13.2

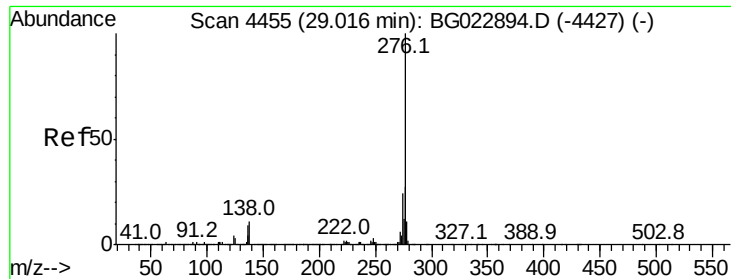


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.66 ng

RT: 29.05 min Scan# 4461

Delta R.T. 0.03 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

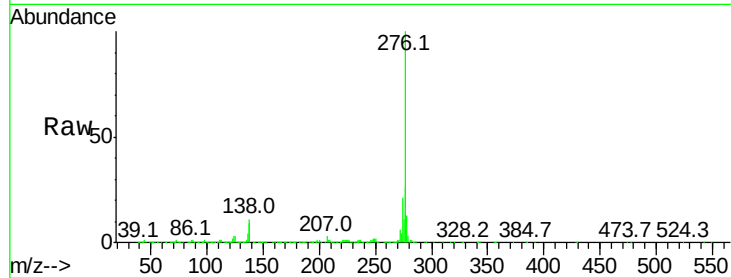
Tot Ion:276 Resp: 3059216

Ion Ratio Lower Upper

276 100

138 7.5 0.0 0.0#

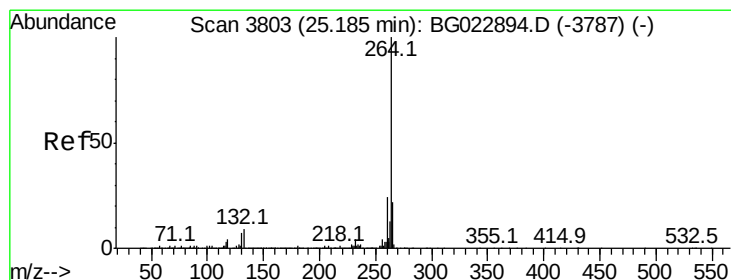
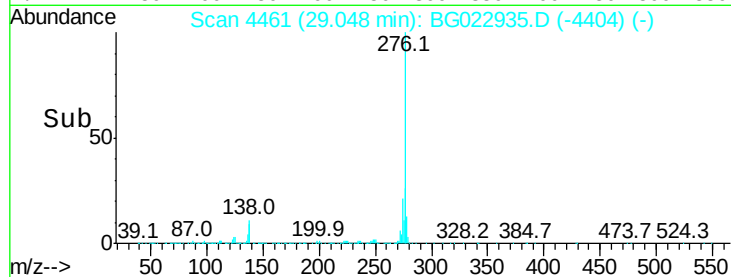
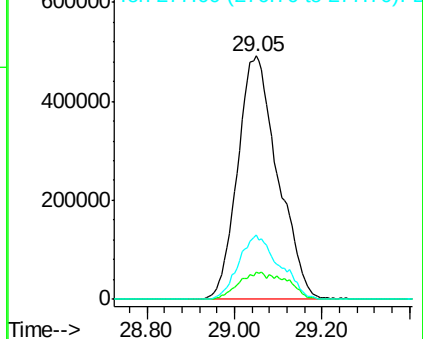
277 26.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3806

Delta R.T. 0.01 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

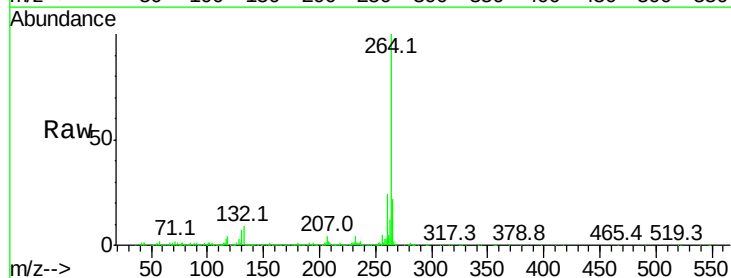
Tgt Ion:264 Resp: 1199709

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

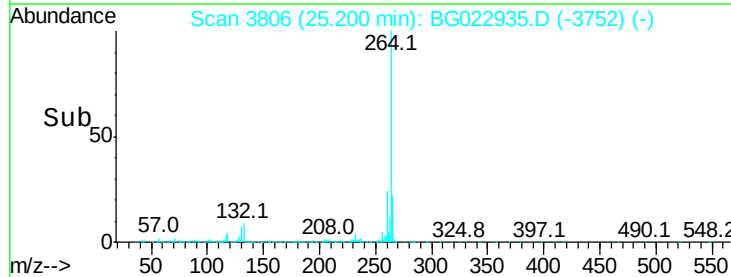
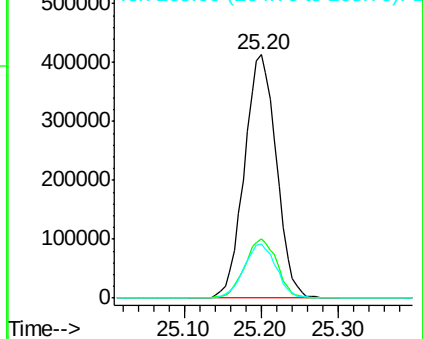
265 22.2 18.9 28.3

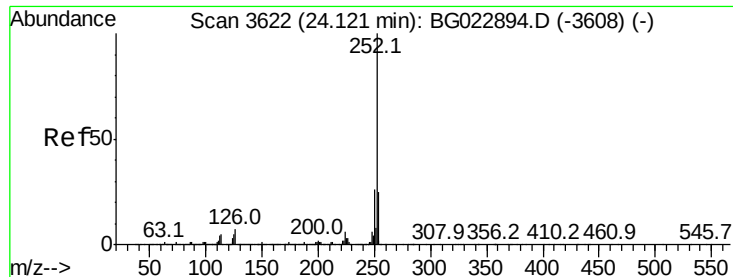


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.87 ng

RT: 24.21 min Scan# 3637

Delta R.T. 0.09 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

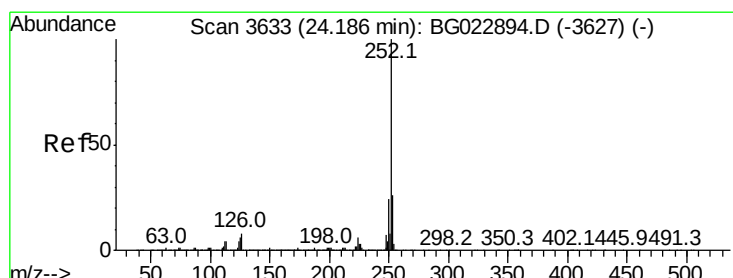
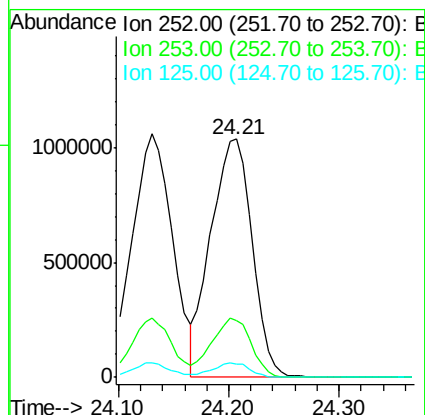
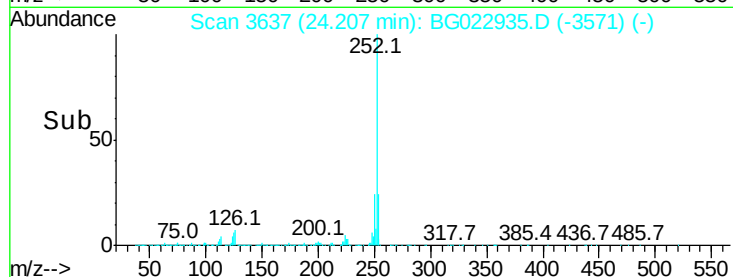
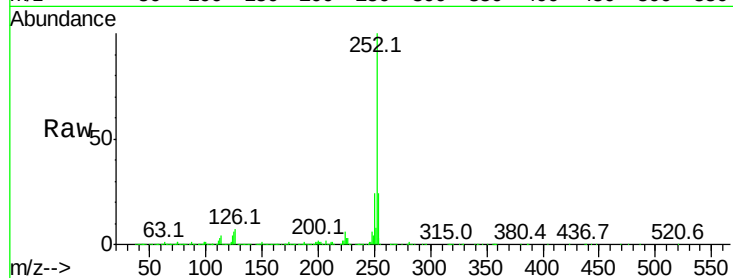
Tot Ion:252 Resp: 2690712

Ion Ratio Lower Upper

252 100

253 24.0 18.9 28.3

125 5.8 3.9 5.9



#88

Benzo(k)fluoranthene

Concen: 40.96 ng

RT: 24.21 min Scan# 3637

Delta R.T. 0.02 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

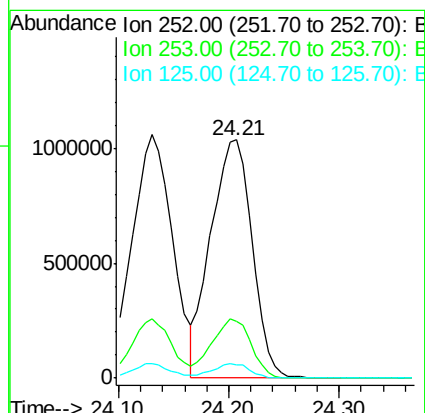
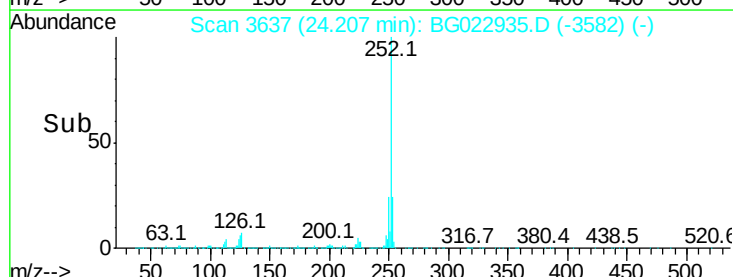
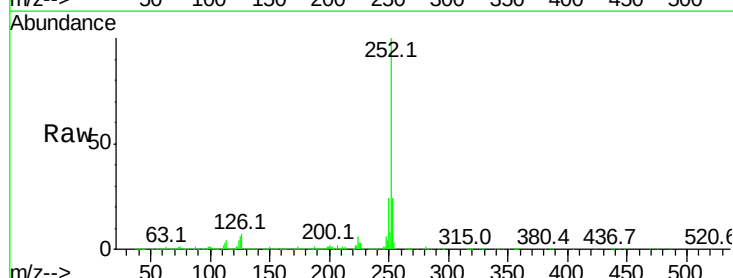
Tgt Ion:252 Resp: 2690712

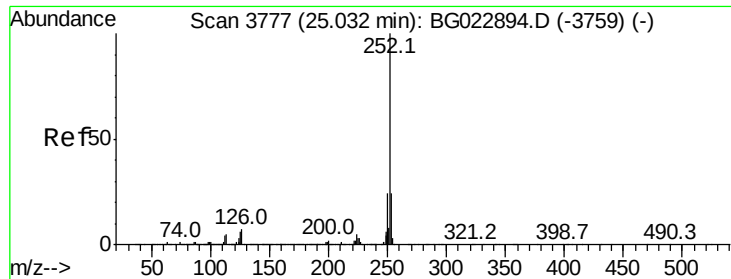
Ion Ratio Lower Upper

252 100

253 24.0 18.8 28.2

125 5.8 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 40.02 ng

RT: 25.05 min Scan# 3780

Delta R.T. 0.01 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

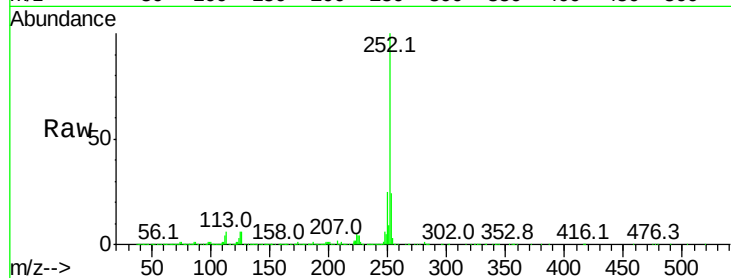
Instrument :

BNA_G

ClientSampled :

Tot Ion:252 Resp: 2655336

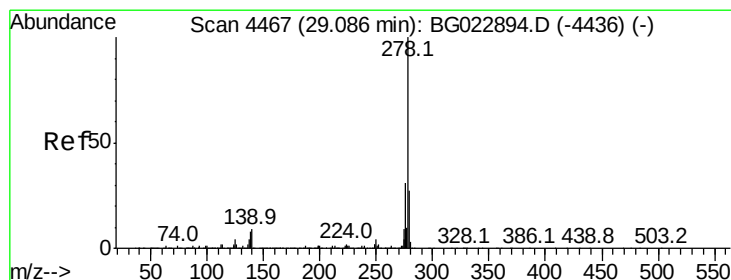
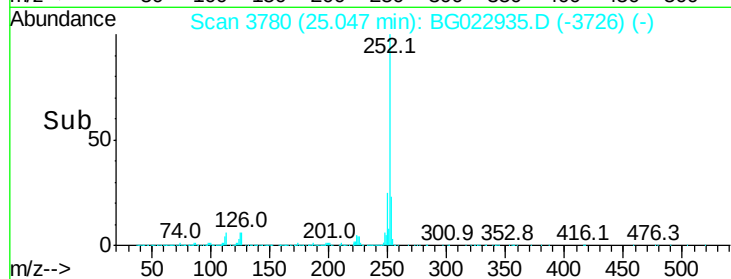
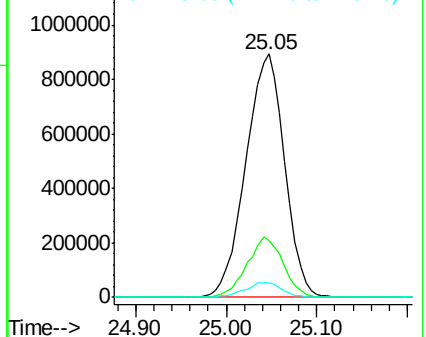
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.7	28.1
125	5.7	3.9	5.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.26 ng

RT: 29.12 min Scan# 4473

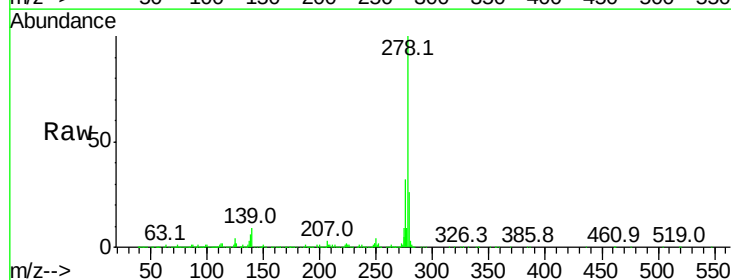
Delta R.T. 0.03 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Tgt Ion:278 Resp: 2650909

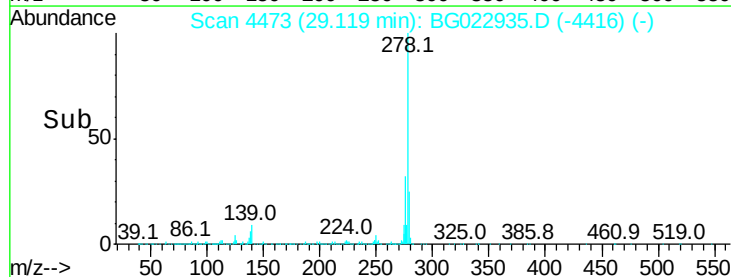
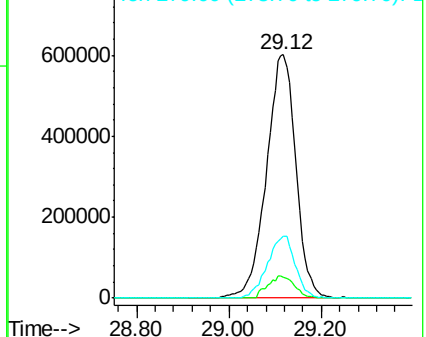
Ion	Ratio	Lower	Upper
278	100		
139	8.6	4.7	7.1#
279	25.5	18.3	27.5

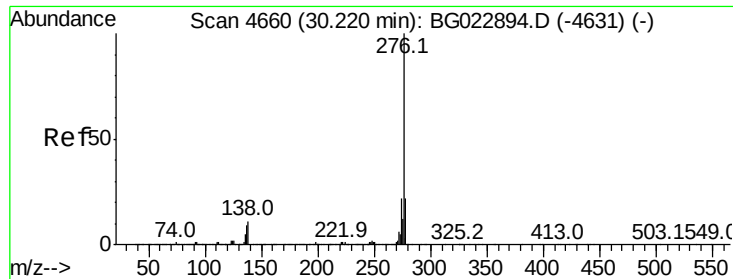


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.68 ng

RT: 30.26 min Scan# 4667

Delta R.T. 0.04 min

Lab File: BG022935.D

Acq: 8 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

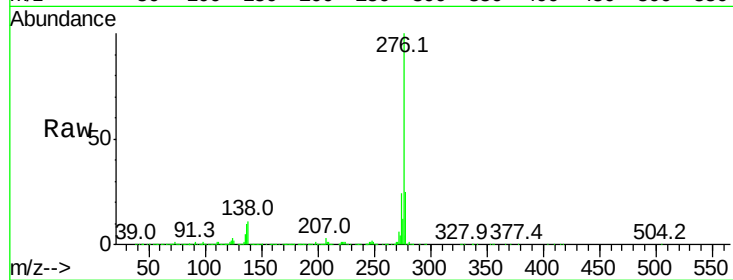
Tot Ion:276 Resp: 2682870

Ion Ratio Lower Upper

276 100

277 24.8 18.6 27.8

138 10.9 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

