

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022604.D
 Acq On : 26 Jun 2016 10:45
 Operator : UM/SJ
 Sample : H3701-08MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:08:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	136735	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	587830	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	429404	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1069784	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1146516	20.00	ng	0.00
86) Perylene-d12	25.21	264	1213134	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	1291922	151.55	ng	0.00
7) Phenol-d6	7.31	99	1910974	159.03	ng	0.00
23) Nitrobenzene-d5	9.34	82	1358807	97.83	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	1065243	157.72	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2420929	89.41	ng	0.00
78) Terphenyl-d14	20.16	244	3361891	77.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	130538	37.78	ng	96
3) Pyridine	3.99	79	431450	44.64	ng	97
4) n-Nitrosodimethylamine	3.90	42	242551	43.88	ng	96
6) Aniline	7.48	93	712039	44.69	ng	98
8) 2-Chlorophenol	7.73	128	485999	55.04	ng	96
9) Benzaldehyde	7.30	77	15304	3.62	ng	87
10) Phenol	7.34	94	748724	58.96	ng	91
11) bis(2-Chloroethyl)ether	7.58	93	503918	48.20	ng	95
12) 1,3-Dichlorobenzene	8.05	146	507418	47.22	ng	96
13) 1,4-Dichlorobenzene	8.20	146	505071	46.88	ng	97
14) 1,2-Dichlorobenzene	8.52	146	495057	48.32	ng	96
15) Benzyl Alcohol	8.40	79	644422	57.96	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	573360	49.59	ng	98
17) 2-Methylphenol	8.60	107	461836	55.17	ng	94
18) Hexachloroethane	9.26	117	210027	47.10	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	526538	52.62	ng	97
20) 3+4-Methylphenols	8.93	107	651237	56.48	ng	94
22) Acetophenone	8.99	105	858770	50.53	ng	# 95
24) Nitrobenzene	9.38	77	763127	49.71	ng	95
25) Isophorone	9.90	82	1335239	49.53	ng	97
26) 2-Nitrophenol	10.09	139	298952	54.07	ng	92
27) 2,4-Dimethylphenol	10.14	122	492279	46.60	ng	94
28) bis(2-Chloroethoxy)methane	10.38	93	754548	51.26	ng	99
29) 2,4-Dichlorophenol	10.62	162	571034	55.48	ng	98
30) 1,2,4-Trichlorobenzene	10.85	180	590657	48.33	ng	99
31) Naphthalene	11.04	128	1433366	48.51	ng	100
32) Benzoic acid	10.26	122	264932	39.39	ng	94
33) 4-Chloroaniline	11.14	127	313537	24.63	ng	95
34) Hexachlorobutadiene	11.32	225	450863	47.47	ng	97
35) Caprolactam	11.93	113	134186	41.39	ng	98
36) 4-Chloro-3-methylphenol	12.25	107	705017	55.80	ng	96
37) 2-Methylnaphthalene	12.63	142	1110823	48.48	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	750402	46.29	ng	98
40) Hexachlorocyclopentadiene	12.97	237	1011548	78.16	ng	97

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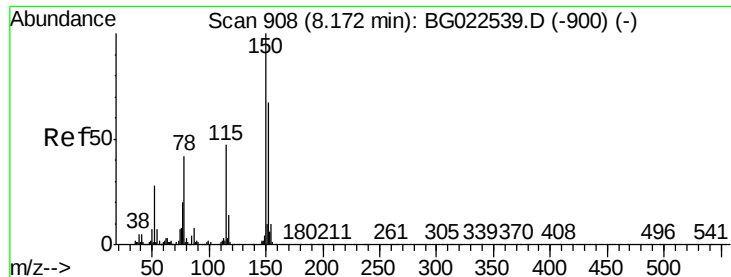
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:08:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.23	196	545411	52.47	nq	89
43) 2,4,5-Trichlorophenol	13.30	196	587131	53.98	nq	95
45) 1,1'-Biphenyl	13.63	154	1534154	46.90	nq	94
46) 2-Chloronaphthalene	13.68	162	1255858	46.66	nq	97
47) 2-Nitroaniline	13.88	65	561184	54.02	nq	94
48) Acenaphthylene	14.53	152	1864504	47.76	nq	96
49) Dimethylphthalate	14.25	163	2024959	56.85	nq	# 93
50) 2,6-Dinitrotoluene	14.37	165	409946	52.96	nq	88
51) Acenaphthene	14.87	154	1265678	44.01	nq	99
52) 3-Nitroaniline	14.70	138	308768	42.63	nq	89
53) 2,4-Dinitrophenol	14.90	184	513260	107.66	nq	96
54) Dibenzofuran	15.20	168	1944442	46.68	nq	97
55) 4-Nitrophenol	15.00	139	673900	110.03	nq	97
56) 2,4-Dinitrotoluene	15.15	165	599922	55.95	nq	97
57) Fluorene	15.85	166	1589203	47.81	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	604933	53.64	nq	99
59) Diethylphthalate	15.61	149	1769798	48.33	nq	95
60) 4-Chlorophenyl-phenylether	15.84	204	951948	48.10	nq	97
61) 4-Nitroaniline	15.87	138	398420	53.31	nq	89
62) Azobenzene	16.13	77	1787025	45.06	nq	95
64) 4,6-Dinitro-2-methylphenol	15.92	198	402760	56.14	nq	95
65) n-Nitrosodiphenylamine	16.05	169	1532309	49.22	nq	93
66) 4-Bromophenyl-phenylether	16.74	248	670741	48.33	nq	97
67) Hexachlorobenzene	16.85	284	699444	47.66	nq	97
68) Atrazine	17.01	200	676422	51.46	nq	97
69) Pentachlorophenol	17.20	266	1022193	101.22	nq	99
70) Phenanthrene	17.60	178	2479117	45.44	nq	# 93
71) Anthracene	17.69	178	2492977	44.40	nq	93
72) Carbazole	17.96	167	2277162	47.84	nq	95
73) Di-n-butylphthalate	18.51	149	2530667	45.66	nq	96
74) Fluoranthene	19.60	202	2798398	44.52	nq	94
76) Benzidine	19.78	184	1341063	109.86	nq	99
77) Pyrene	19.97	202	2796084	45.79	nq	92
79) Butylbenzylphthalate	20.84	149	1268418	47.98	nq	98
80) Benzo(a)anthracene	21.83	228	2997679	47.25	nq	94
81) 3,3'-Dichlorobenzidine	21.74	252	858226	32.75	nq	96
82) Chrysene	21.90	228	2846820	47.75	nq	# 92
83) Bis(2-ethylhexyl)phthalate	21.72	149	1802689	48.43	nq	95
84) Di-n-octyl phthalate	22.99	149	2902082	47.30	nq	100
85) Indeno(1,2,3-cd)pyrene	29.07	276	3928979	50.15	nq	# 100
87) Benzo(b)fluoranthene	24.21	252	3180862	43.61	nq	96
88) Benzo(k)fluoranthene	24.21	252	3180862	46.13	nq	# 95
89) Benzo(a)pyrene	25.05	252	3339101	46.95	nq	# 95
90) Dibenzo(a,h)anthracene	29.14	278	3257589	48.66	nq	# 96
91) Benzo(g,h,i)perylene	30.28	276	3278106	48.10	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Instrument :

BNA_G

ClientSampleId :

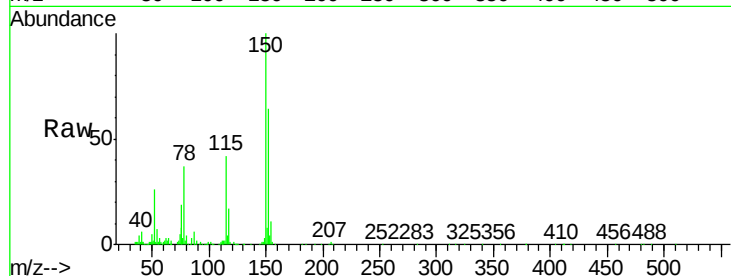
Tot Ion:152 Resp: 136735

Ion Ratio Lower Upper

152 100

150 156.1 144.7 217.1

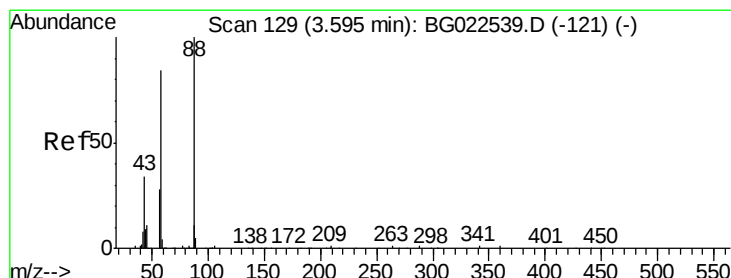
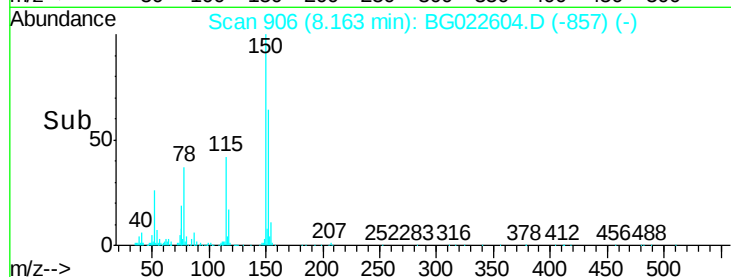
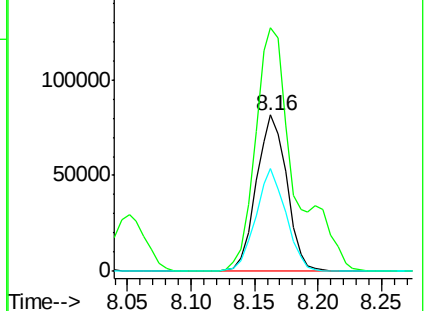
115 65.9 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.78 ng

RT: 3.58 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

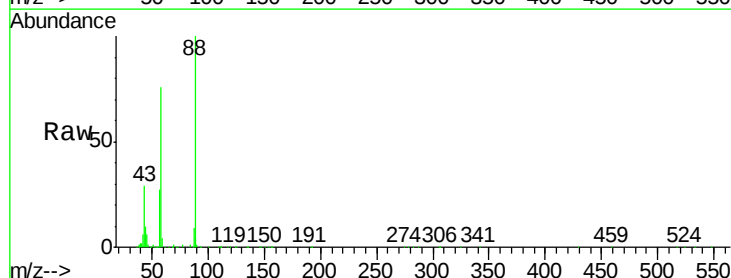
Tgt Ion: 88 Resp: 130538

Ion Ratio Lower Upper

88 100

58 76.6 60.4 90.6

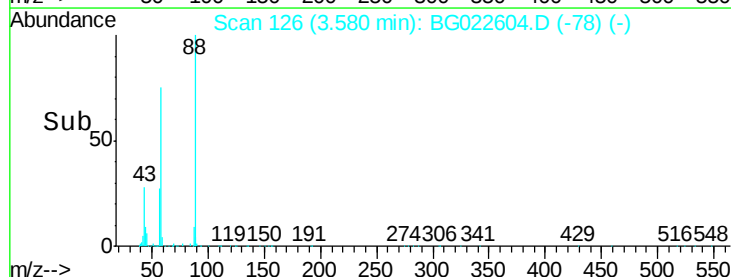
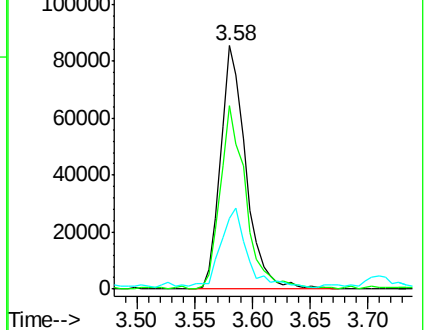
43 33.4 31.1 46.7

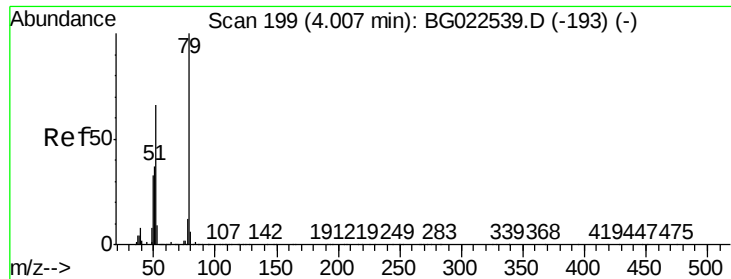


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 44.64 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.02 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Instrument :

BNA_G

ClientSampleId :

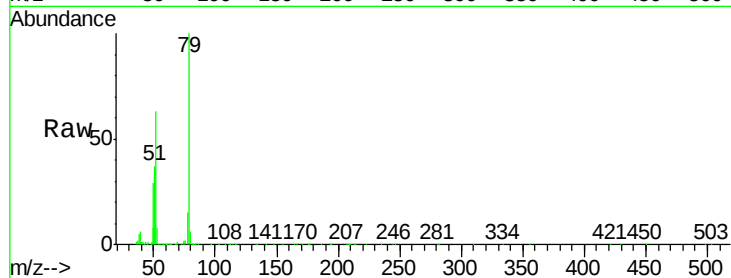
Tot Ion: 79 Resp: 431450

Ion Ratio Lower Upper

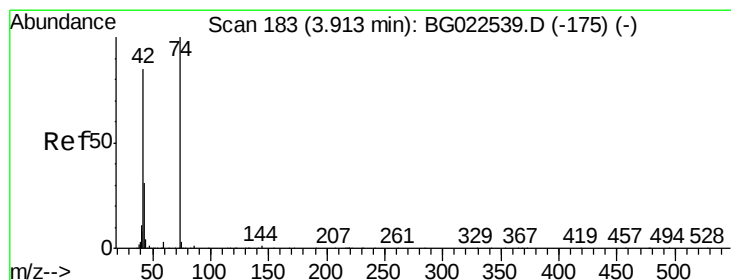
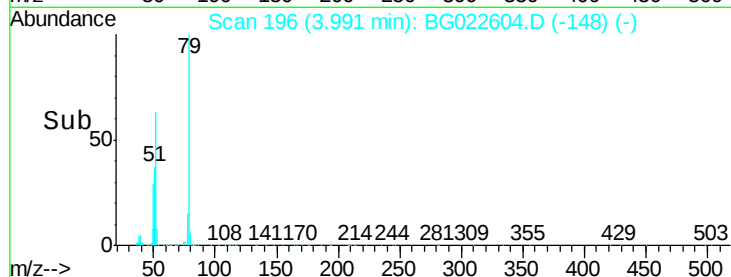
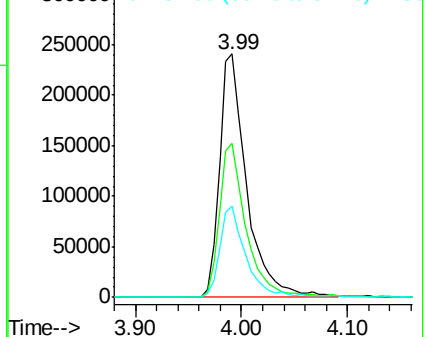
79 100

52 63.3 51.8 77.8

51 37.3 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: 43.88 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.02 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

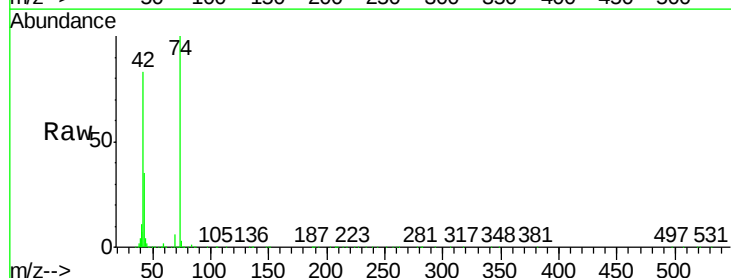
Tgt Ion: 42 Resp: 242551

Ion Ratio Lower Upper

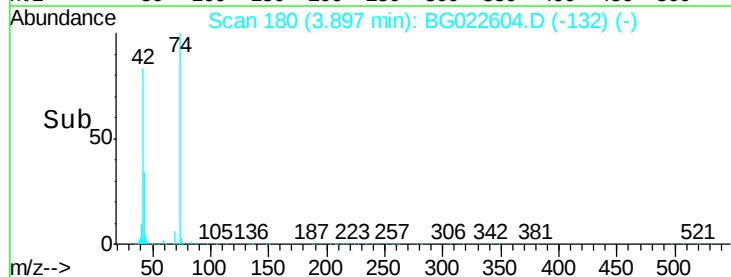
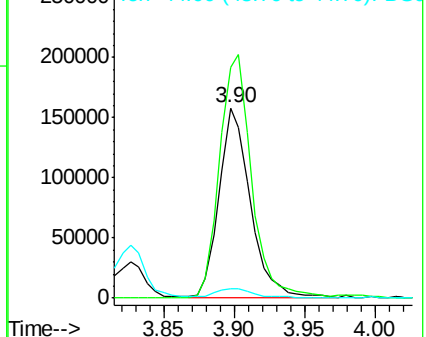
42 100

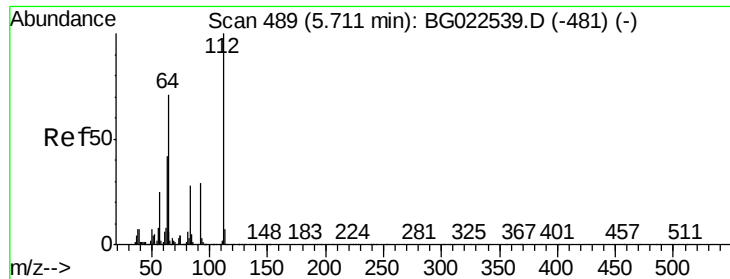
74 121.0 100.6 150.8

44 5.0 4.5 6.7



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 151.55 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Instrument :

BNA_G

ClientSampled :

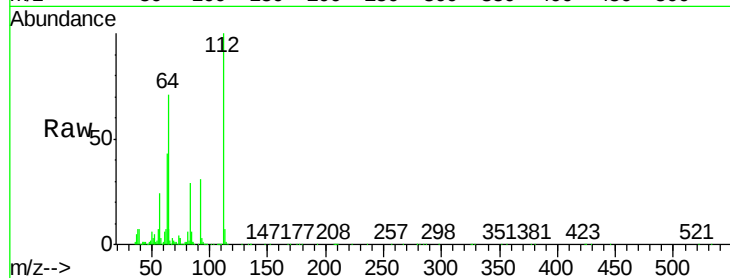
Tot Ion:112 Resp: 1291922

Ion Ratio Lower Upper

112 100

64 70.8 59.0 88.4

63 43.1 37.8 56.8



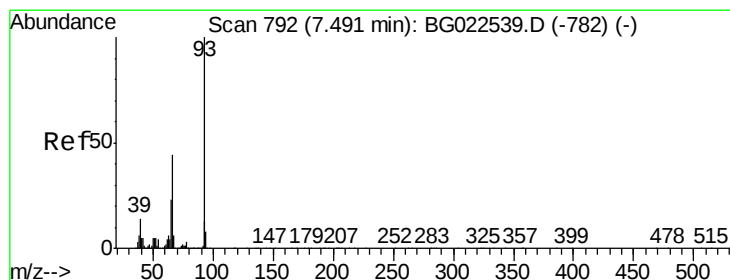
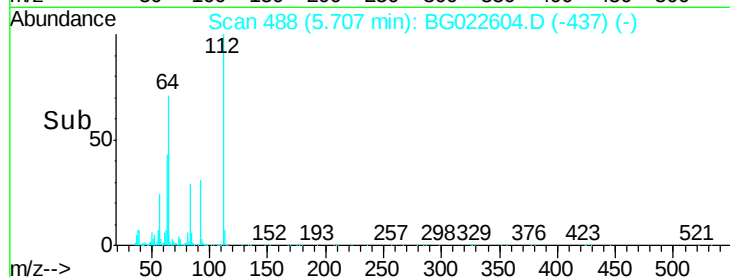
Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.71

Time--> 5.60 5.65 5.70 5.75 5.80



#6

Aniline

Concen: 44.69 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

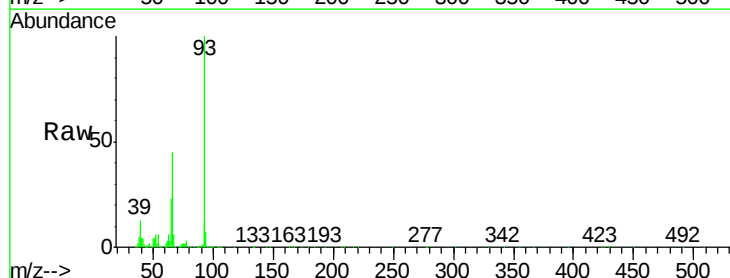
Tgt Ion: 93 Resp: 712039

Ion Ratio Lower Upper

93 100

66 45.1 37.5 56.3

65 23.3 17.9 26.9



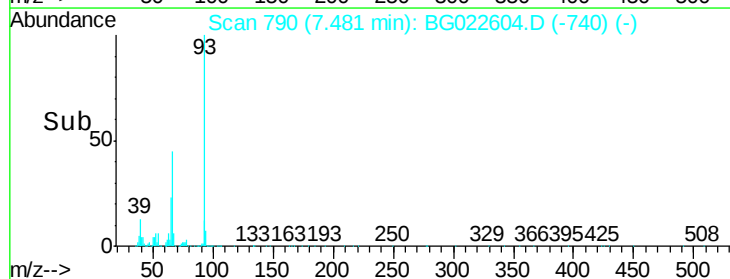
Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.48

Time--> 7.40 7.45 7.50 7.55





#7

Phenol-d6

Concen: 159.03 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

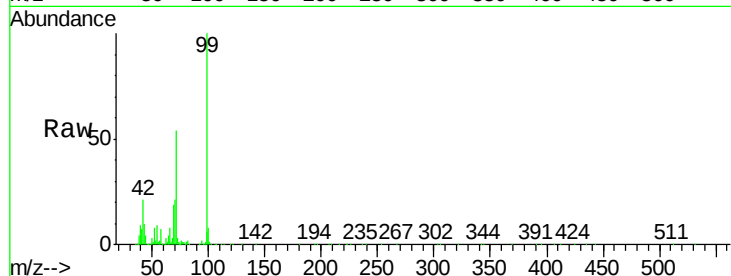
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 1910974

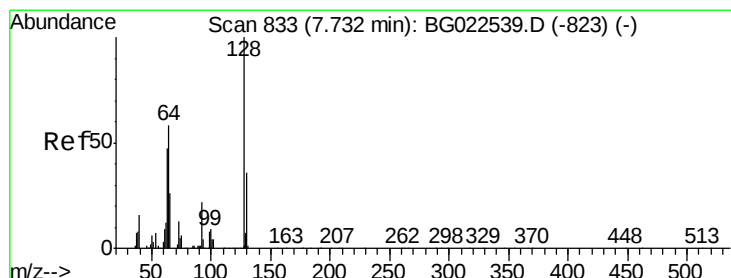
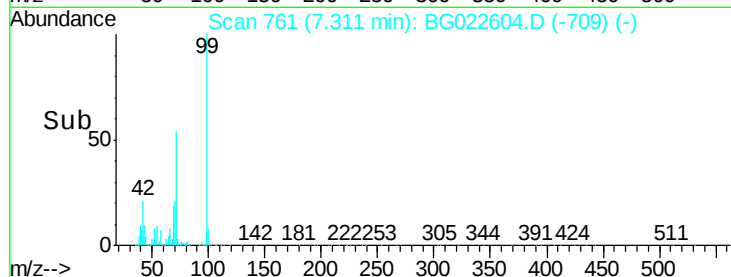
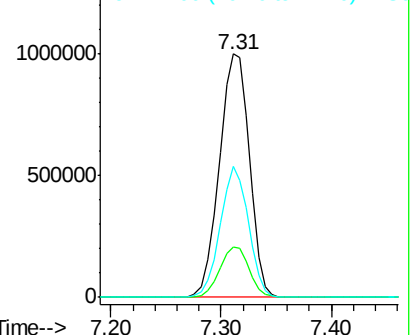
Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.8	26.6
71	53.7	41.5	62.3



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: 55.04 ng

RT: 7.73 min Scan# 832

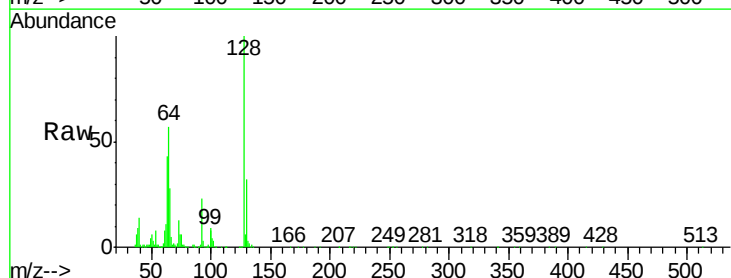
Delta R.T. 0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Tgt Ion: 128 Resp: 485999

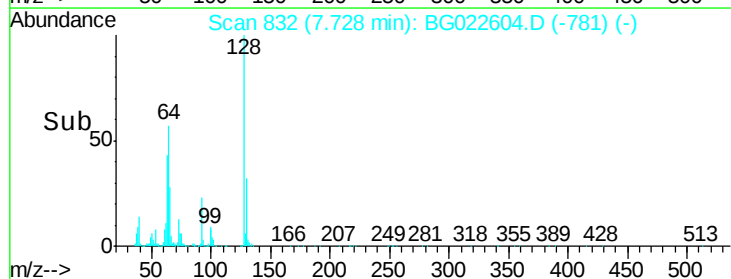
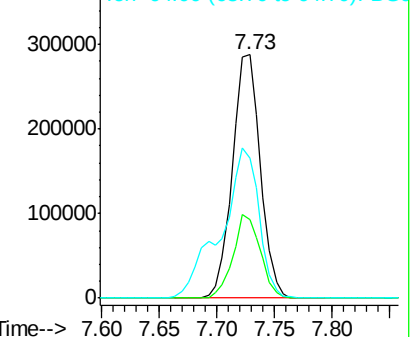
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	57.3	42.0	82.0

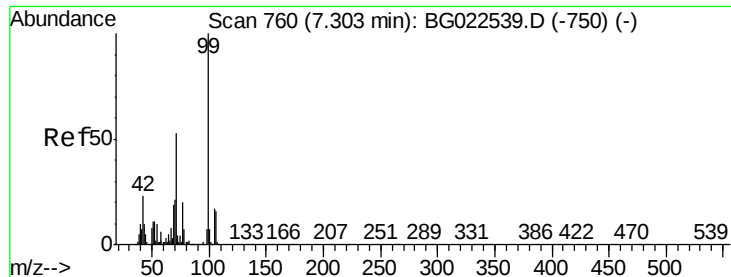


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 3.62 ng

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Instrument :

BNA_G

ClientSampleId :

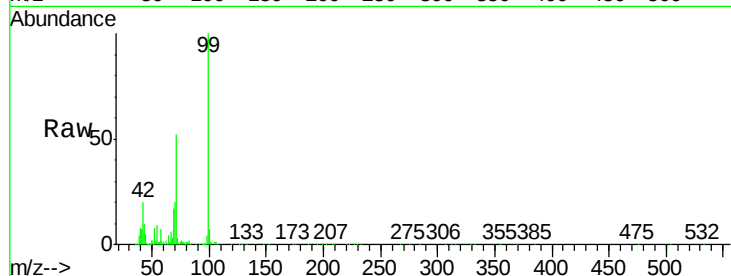
Tot Ion: 77 Resp: 15304

Ion Ratio Lower Upper

77 100

105 82.4 58.7 98.7

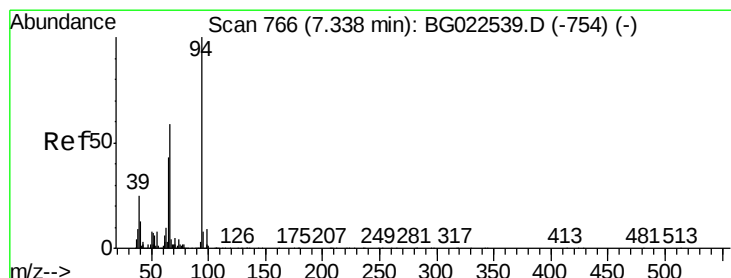
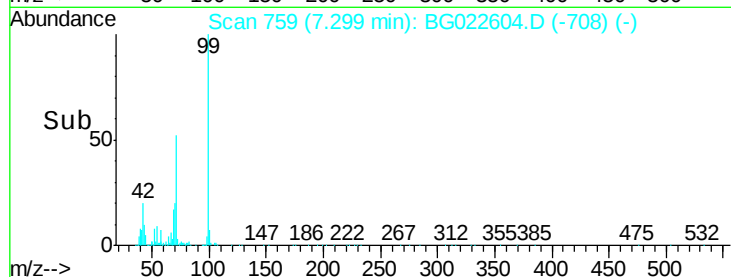
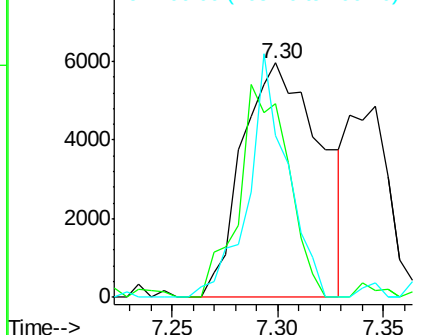
106 68.8 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 58.96 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

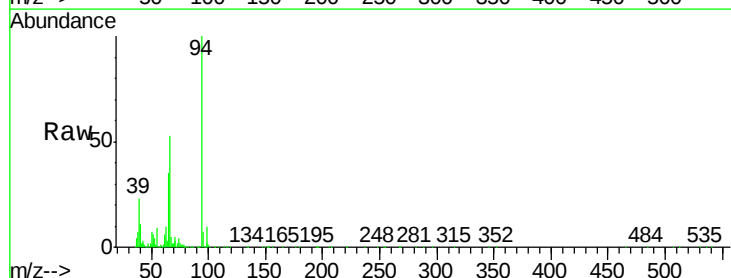
Tgt Ion: 94 Resp: 748724

Ion Ratio Lower Upper

94 100

65 35.0 18.1 58.1

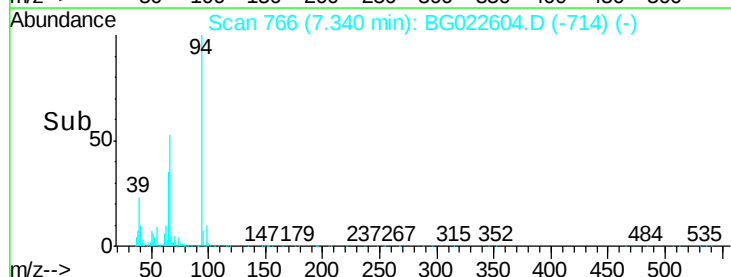
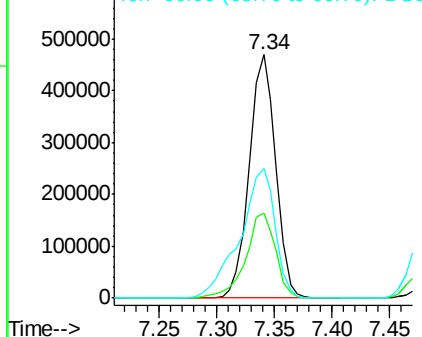
66 53.4 42.1 82.1



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

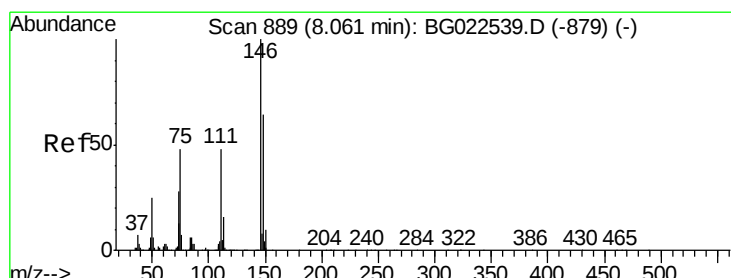
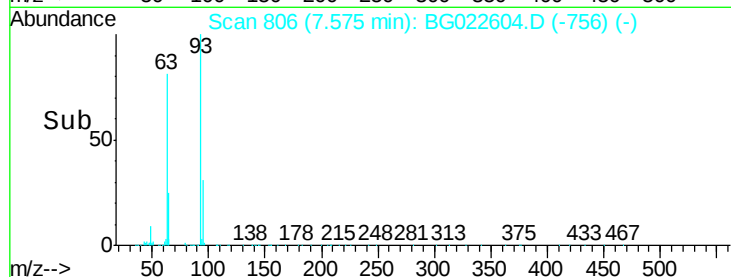
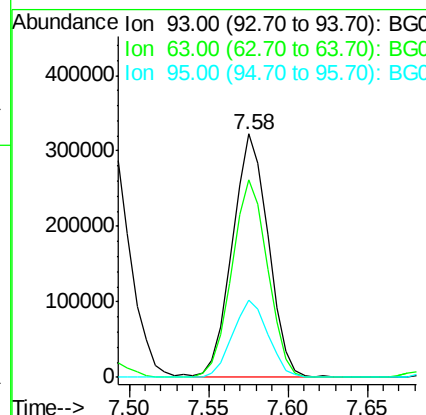
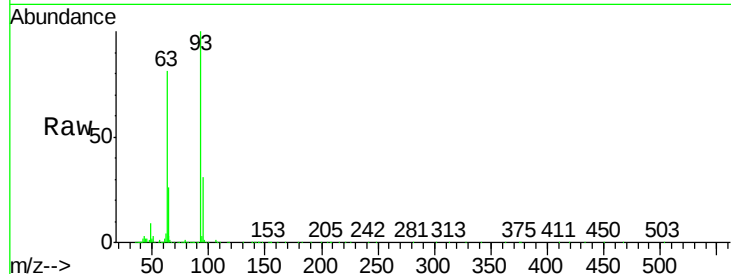




#11
bis(2-Chloroethyl)ether
Concen: 48.20 ng
RT: 7.58 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

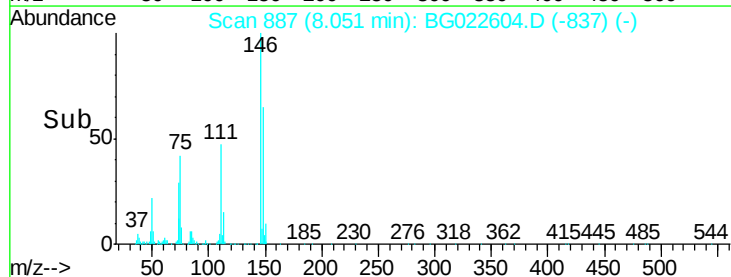
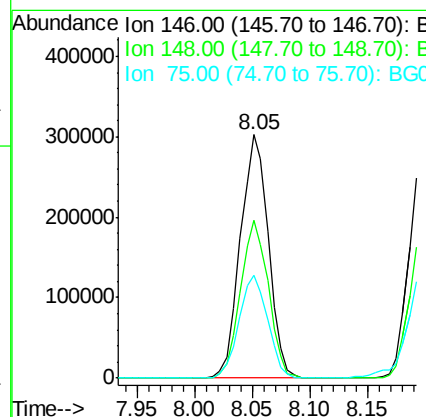
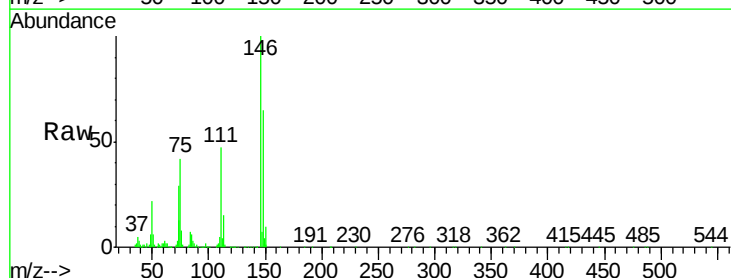
Instrument :
BNA_G
ClientSampleId :

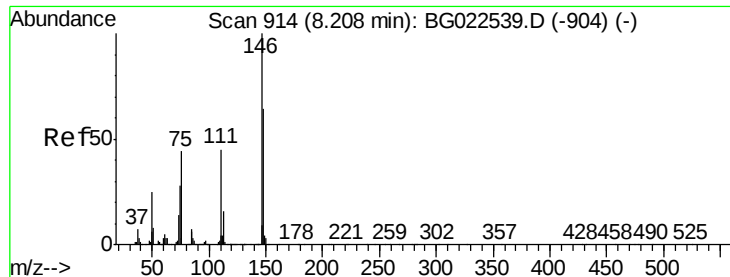
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.2	55.0	95.0
95	31.5	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 47.22 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.3	75.5
75	42.0	37.0	55.6

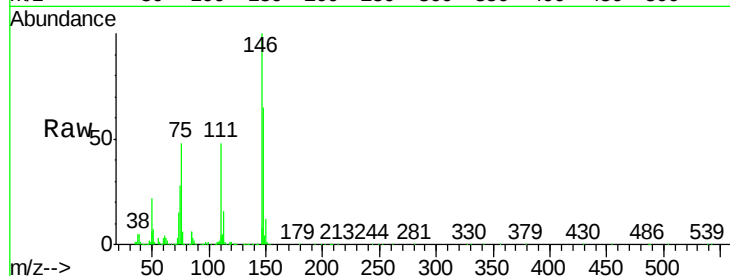




#13
1,4-Dichlorobenzene
Concen: 46.88 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	54.5	81.7
111	48.2	37.8	56.8

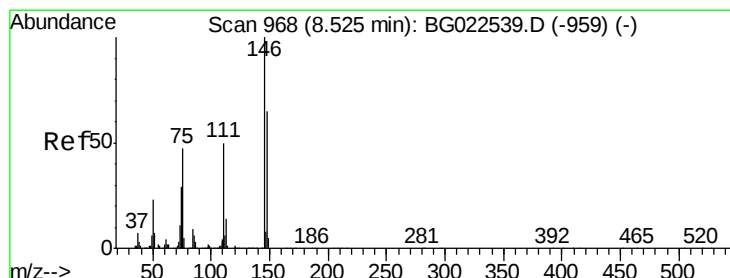
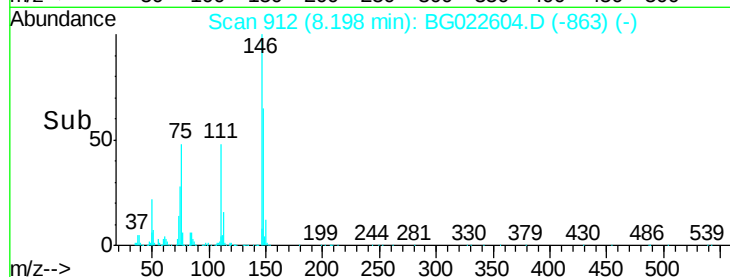
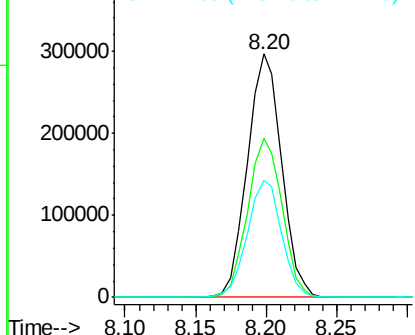


Abundance

Ion 146.00 (145.70 to 146.70): E

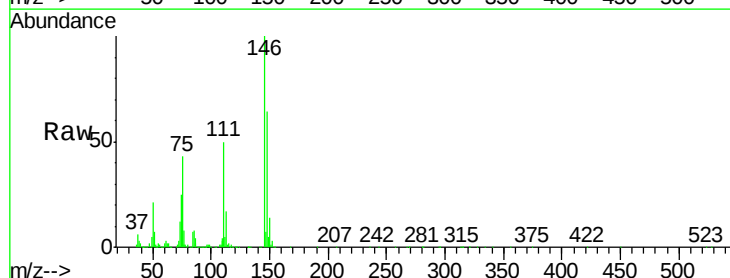
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 48.32 ng
RT: 8.52 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.9	79.3
111	49.6	43.5	65.3

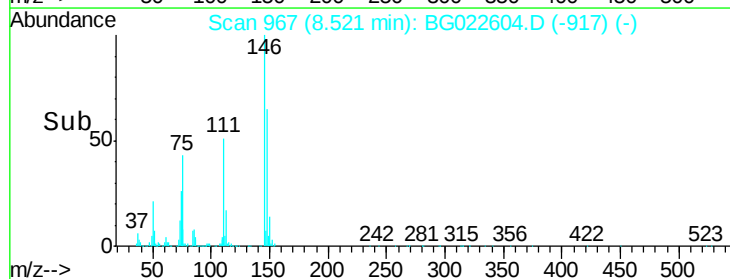
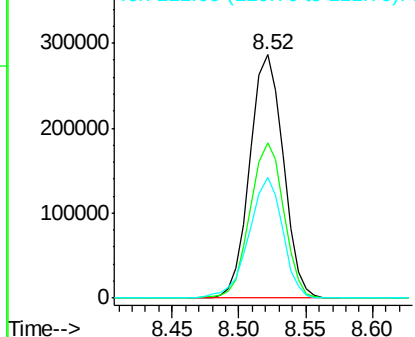


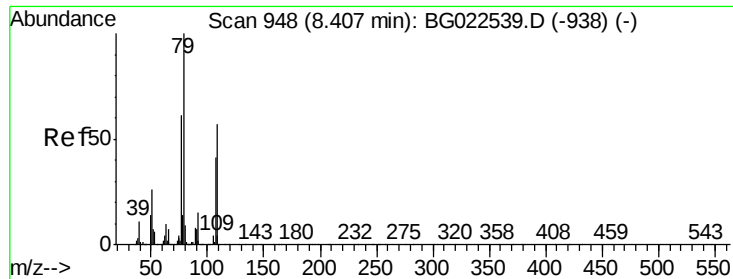
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 57.96 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Instrument :

BNA_G

ClientSampleId :

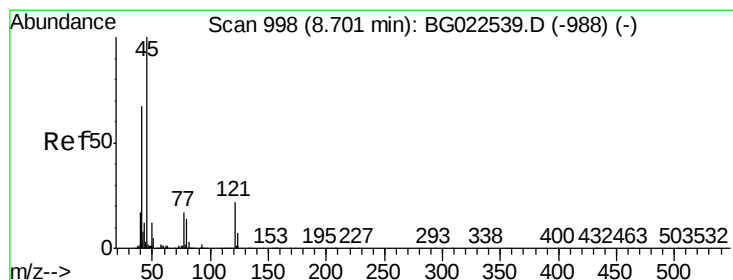
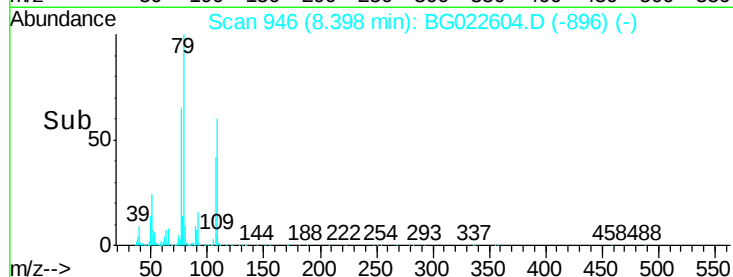
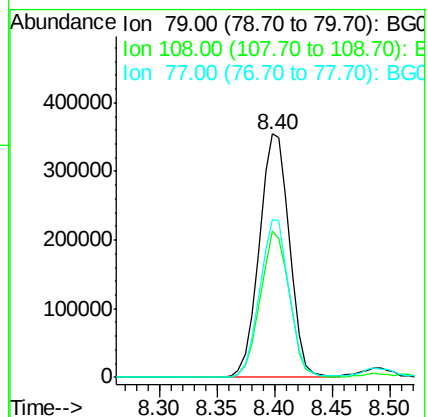
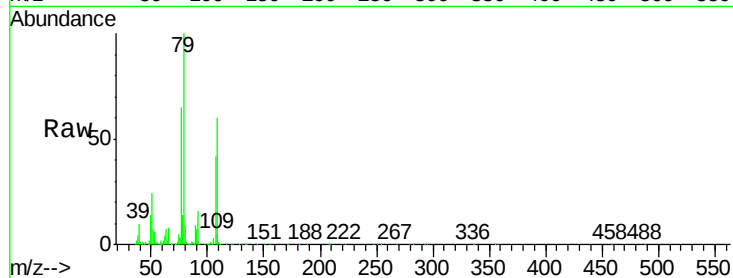
Tot Ion: 79 Resp: 644422

Ion Ratio Lower Upper

79 100

108 60.4 46.5 69.7

77 64.8 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.59 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

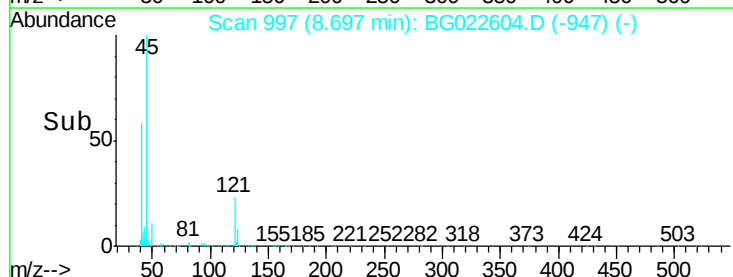
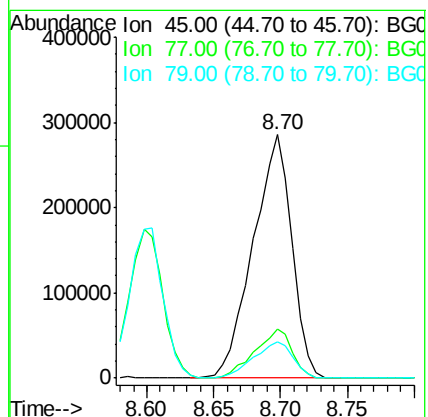
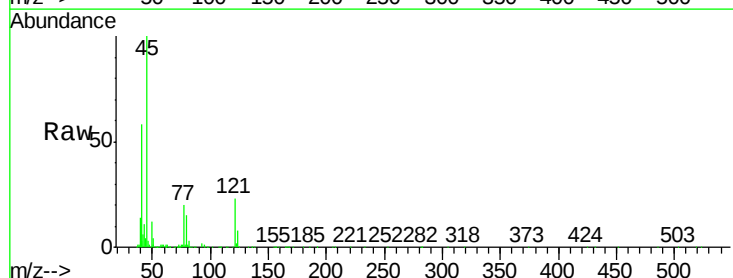
Tgt Ion: 45 Resp: 573360

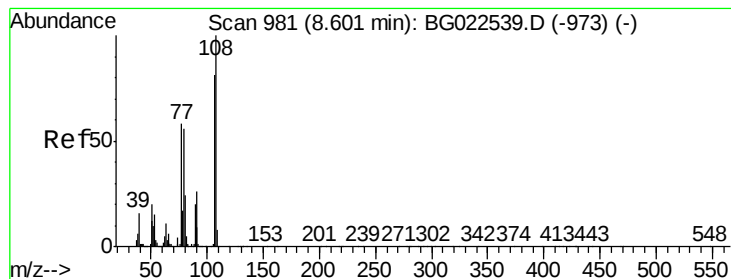
Ion Ratio Lower Upper

45 100

77 20.3 0.6 40.6

79 14.9 0.0 36.2





#17

2-Methylphenol

Concen: 55.17 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 461836

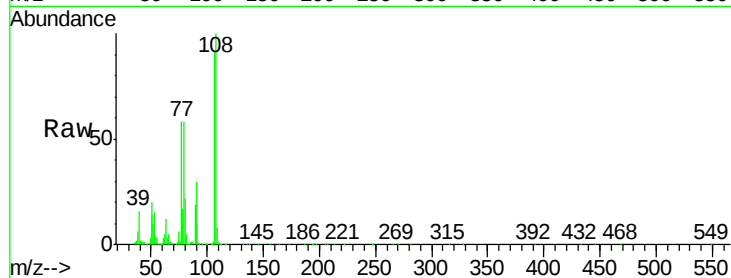
Ion Ratio Lower Upper

107 100

108 110.1 92.0 138.0

77 63.9 55.8 83.6

79 63.9 55.0 82.6

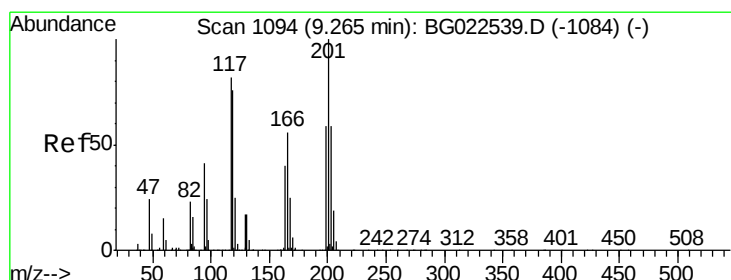
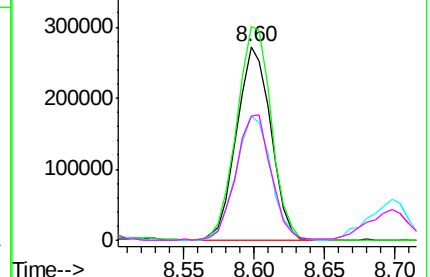
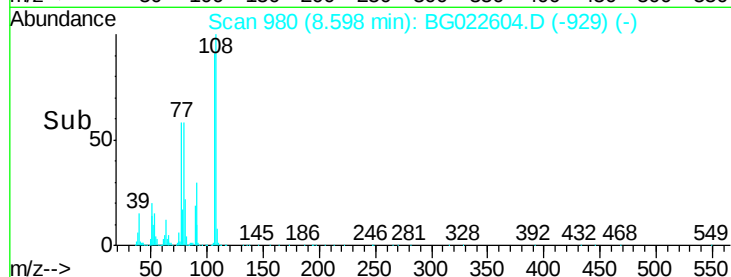


Abundance Ion 107.00 (106.70 to 107.70): E

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: 47.10 ng

RT: 9.26 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

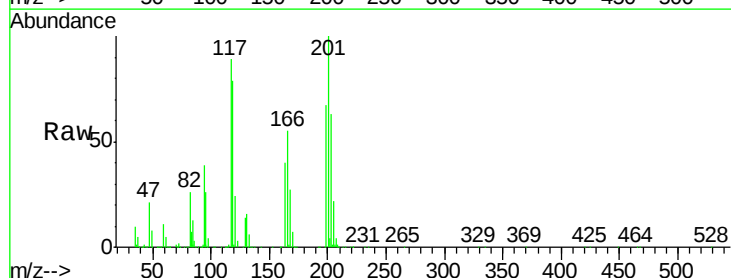
Tgt Ion:117 Resp: 210027

Ion Ratio Lower Upper

117 100

119 89.1 73.7 110.5

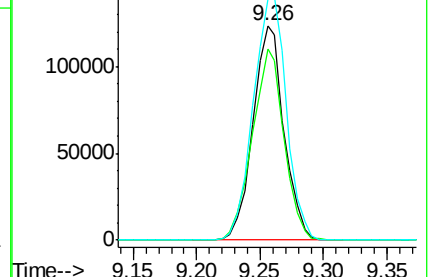
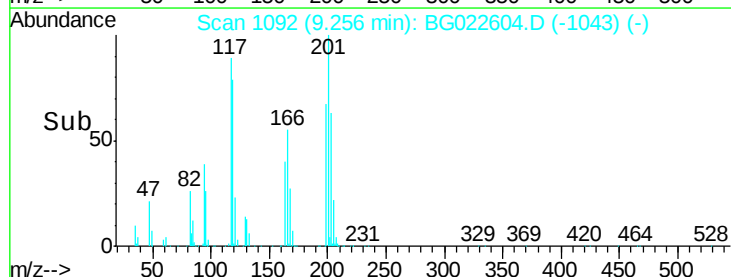
201 112.1 88.7 133.1

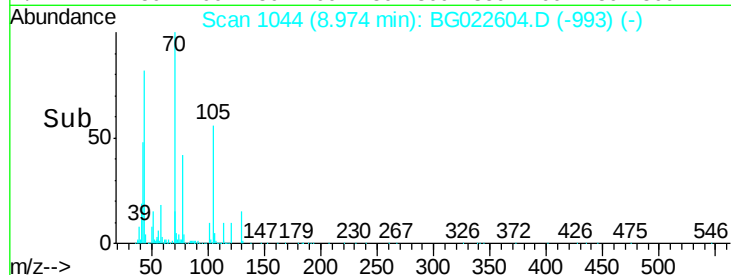
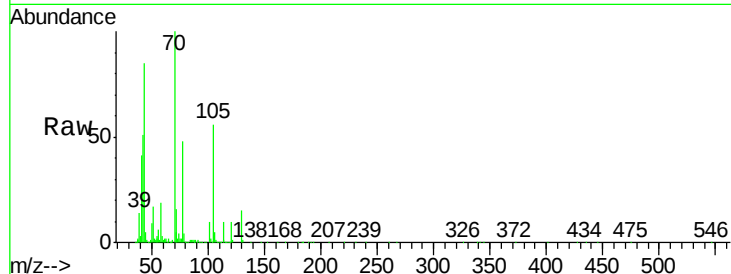
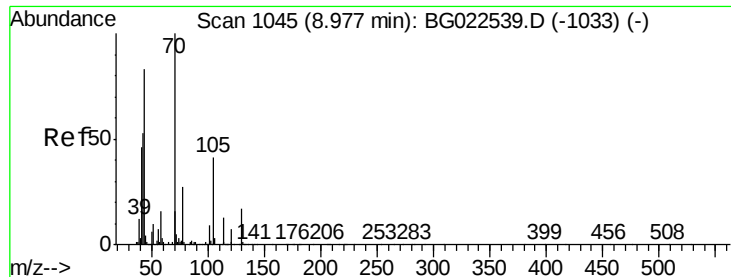


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

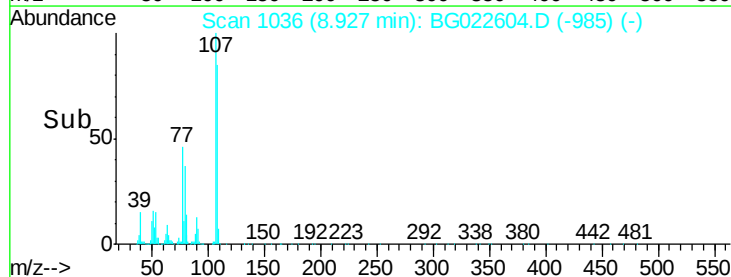
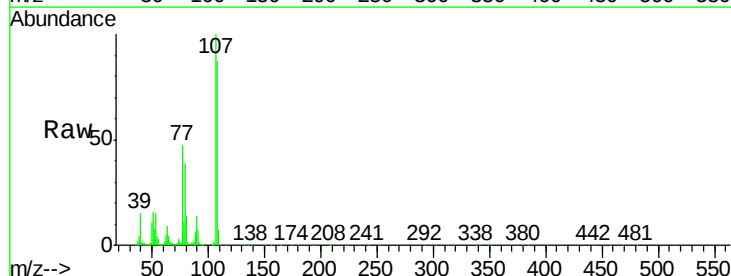
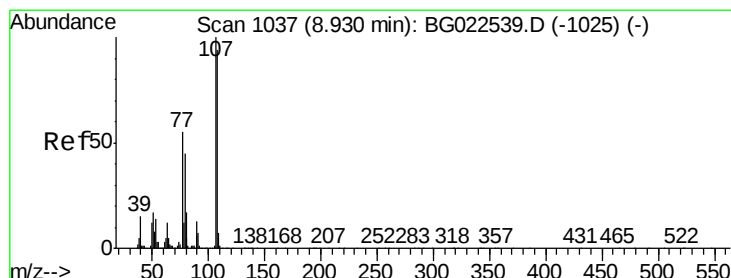
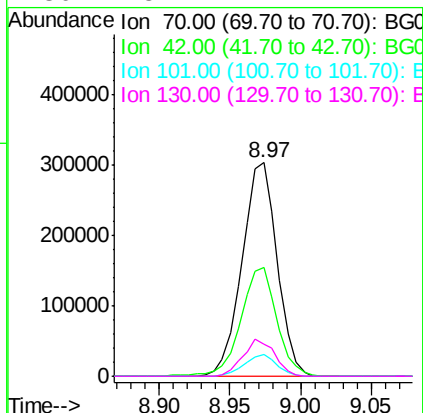




#19
n-Nitroso-di-n-propylamine
Concen: 52.62 ng
RT: 8.97 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

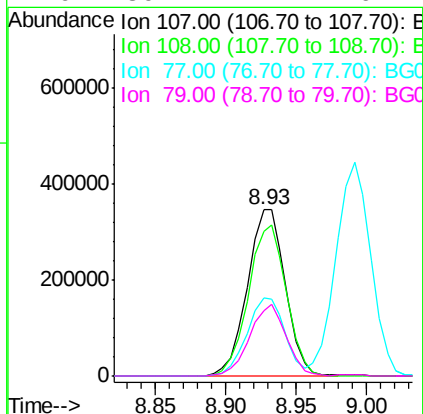
Instrument :
BNA_G
ClientSampleId :

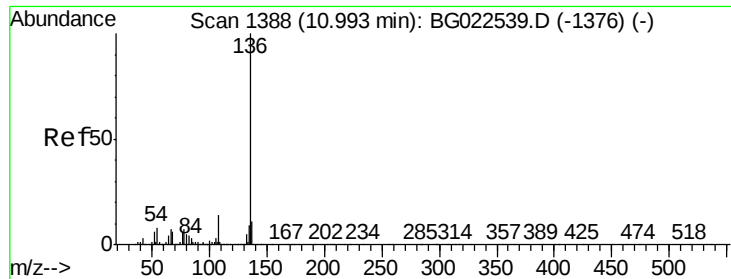
Tot Ion:	70	Resp:	526538
Ion	Ratio	Lower	Upper
70	100		
42	50.8	42.1	63.1
101	10.0	7.2	10.8
130	15.2	14.2	21.2



#20
3+4-Methylphenols
Concen: 56.48 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion:	107	Resp:	651237
Ion	Ratio	Lower	Upper
107	100		
108	87.3	72.5	112.5
77	47.4	30.1	70.1
79	39.2	24.2	64.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 587830

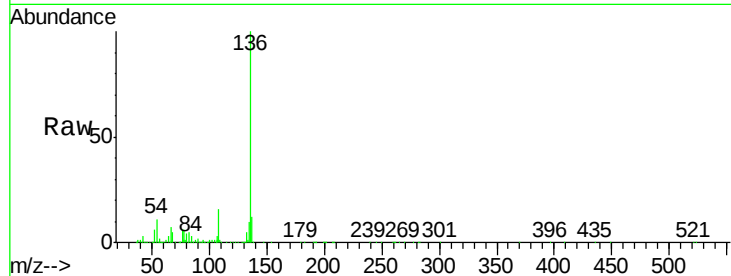
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.9	7.3	10.9
68	5.5	5.3	7.9

136 100

137 11.8 9.6 14.4

54 10.9 7.3 10.9

68 5.5 5.3 7.9

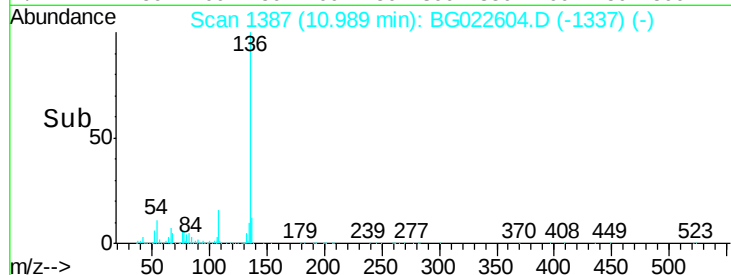


Abundance Ion 136.00 (135.70 to 136.70): E

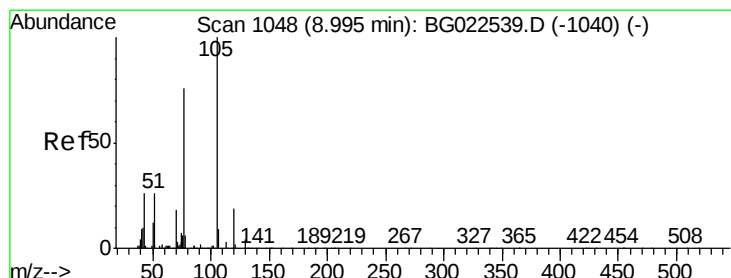
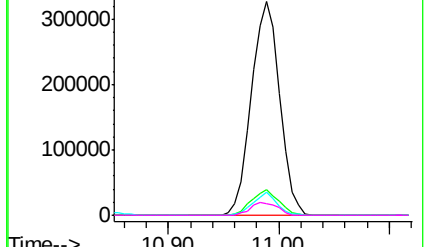
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 50.53 ng

RT: 8.99 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Tgt Ion:105 Resp: 858770

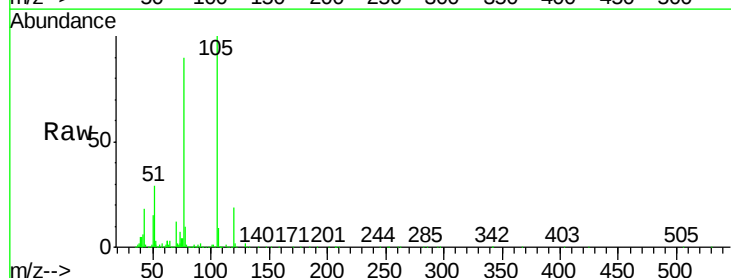
Ion	Ratio	Lower	Upper
105	100		
71	2.0	2.6	3.8#
51	29.1	27.1	40.7
120	18.8	15.1	22.7

105 100

71 2.0 2.6 3.8#

51 29.1 27.1 40.7

120 18.8 15.1 22.7

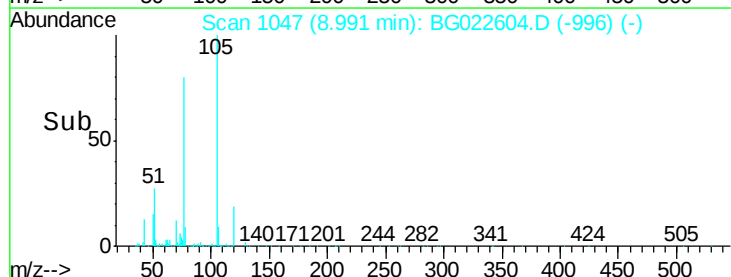


Abundance Ion 105.00 (104.70 to 105.70): E

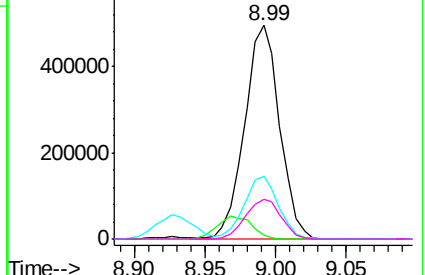
Ion 71.00 (70.70 to 71.70): BGC

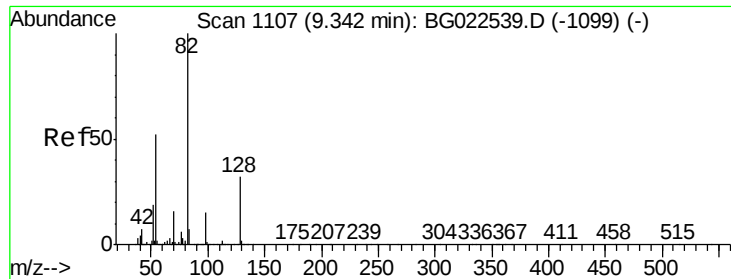
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->



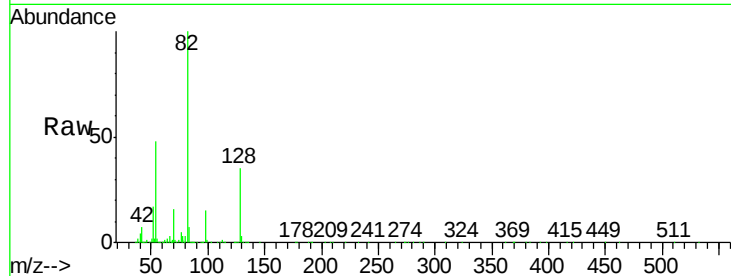


#23
 Nitrobenzene-d5
 Concen: 97.83 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

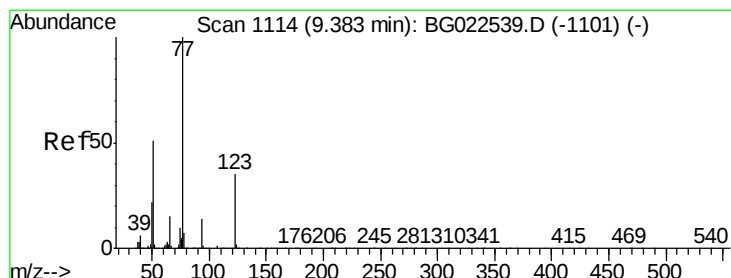
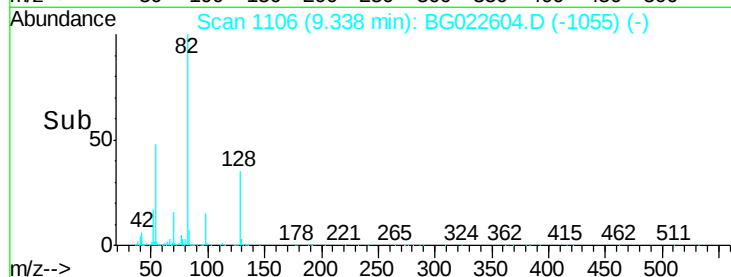
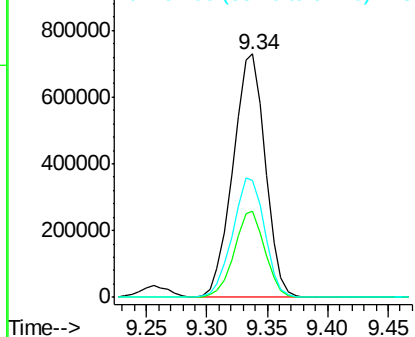
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 1358807

Ion	Ratio	Lower	Upper
82	100		
128	35.5	24.4	36.6
54	48.2	41.4	62.0



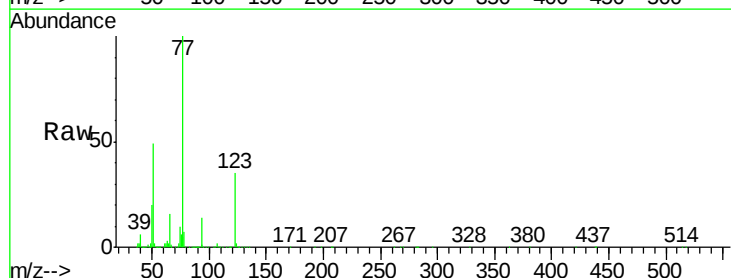
Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC



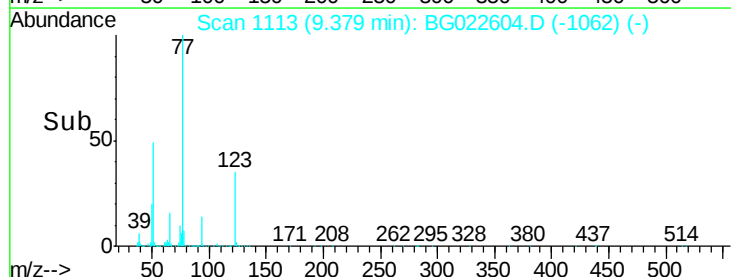
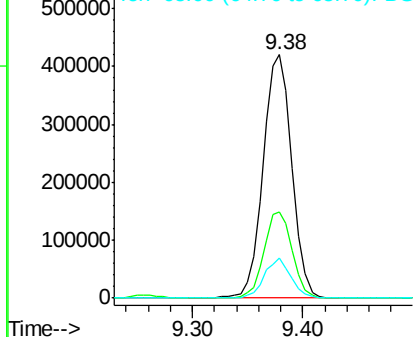
#24
 Nitrobenzene
 Concen: 49.71 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

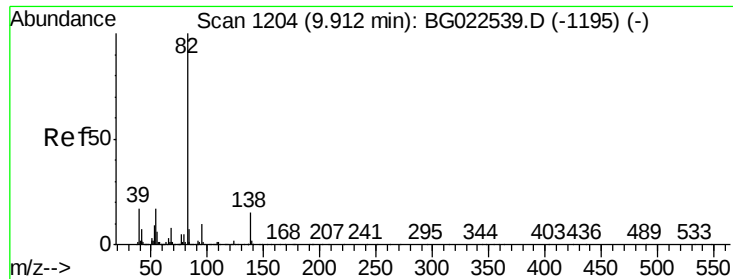
Tgt Ion: 77 Resp: 763127

Ion	Ratio	Lower	Upper
77	100		
123	35.3	25.0	37.6
65	16.4	13.4	20.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 49.53 ng

RT: 9.90 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Instrument :

BNA_G

ClientSampleId :

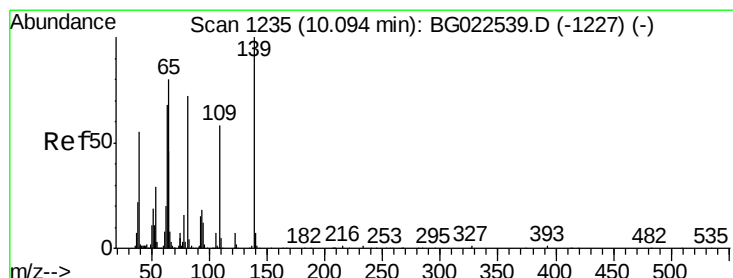
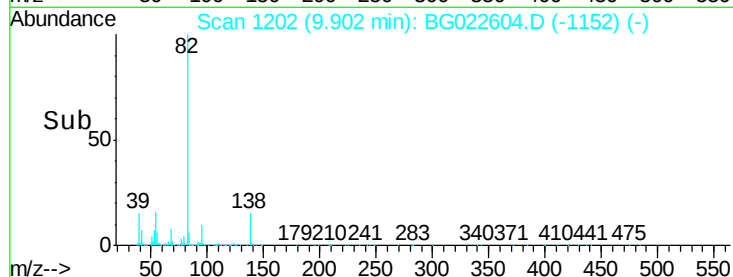
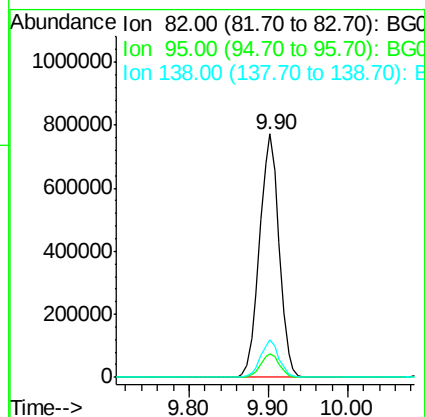
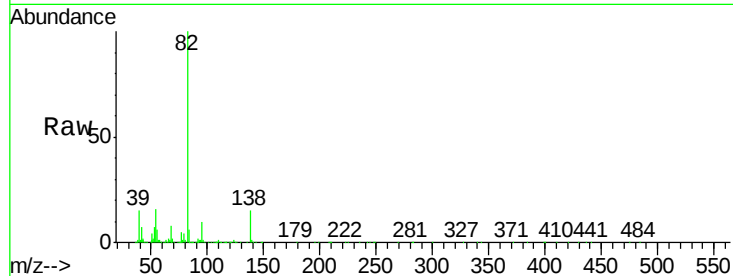
Tot Ion: 82 Resp: 1335239

Ion Ratio Lower Upper

82 100

95 9.7 8.2 12.2

138 15.2 10.7 16.1



#26

2-Nitrophenol

Concen: 54.07 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

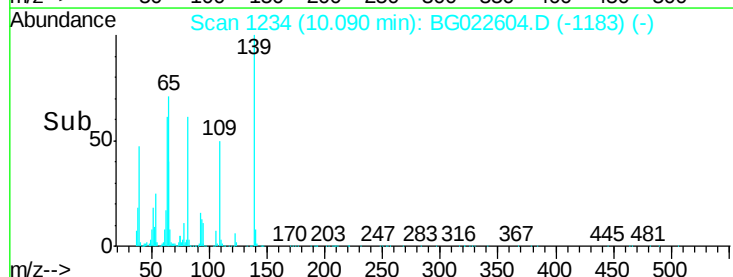
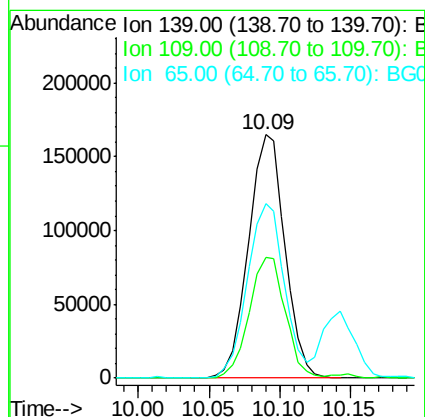
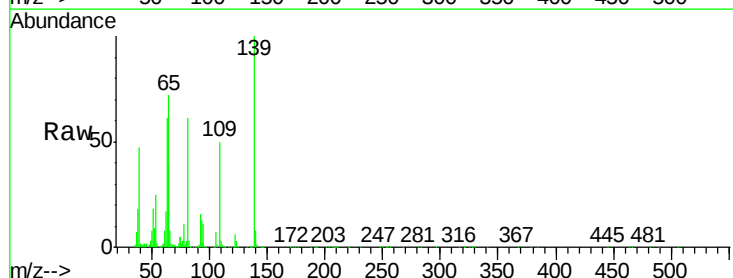
Tgt Ion: 139 Resp: 298952

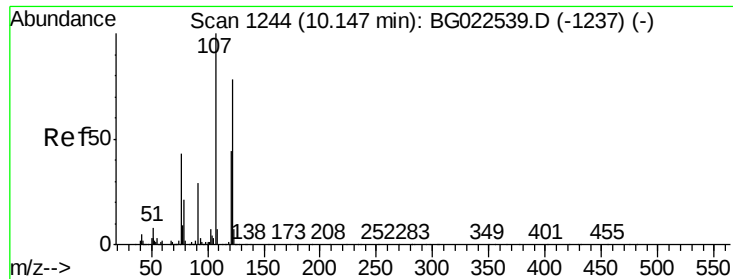
Ion Ratio Lower Upper

139 100

109 49.8 43.5 65.3

65 71.6 64.3 96.5

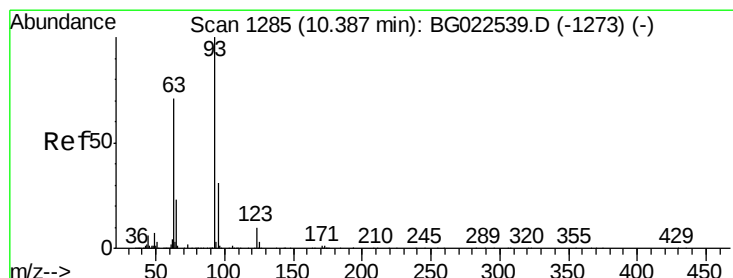
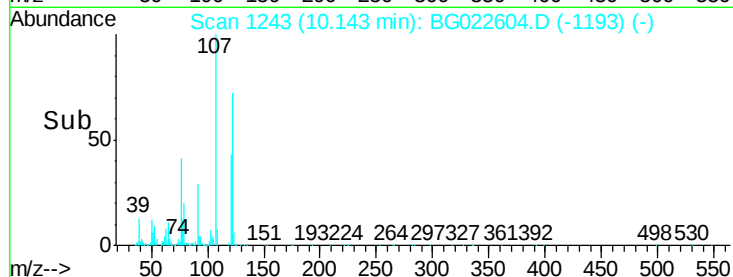
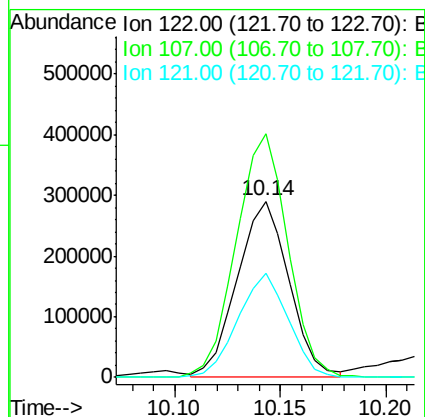
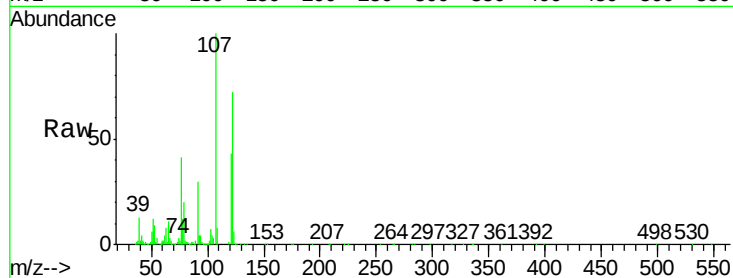




#27
2,4-Dimethylphenol
Concen: 46.60 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

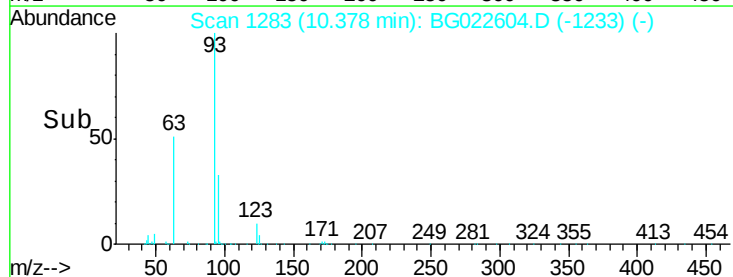
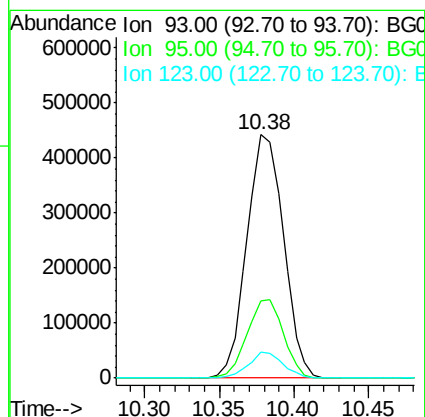
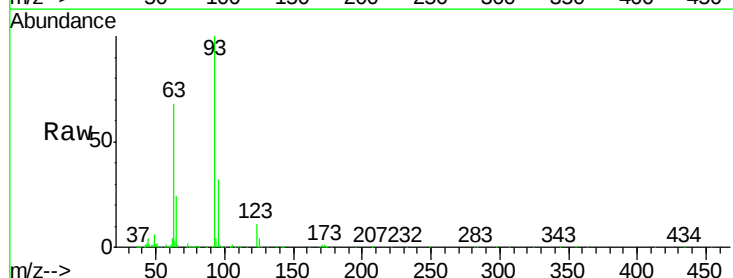
Instrument :
BNA_G
ClientSampleId :

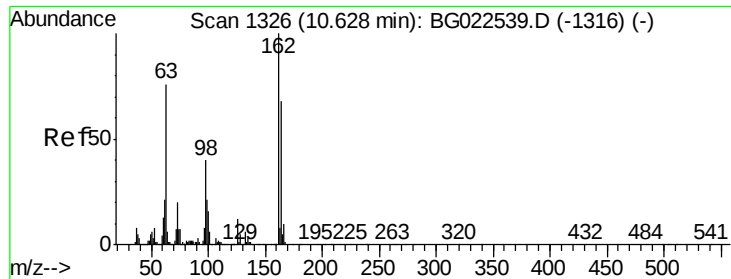
Tot Ion:122 Resp: 492279
Ion Ratio Lower Upper
122 100
107 138.1 117.0 175.4
121 59.3 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 51.26 ng
RT: 10.38 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion: 93 Resp: 754548
Ion Ratio Lower Upper
93 100
95 31.5 25.4 38.2
123 10.5 8.2 12.2

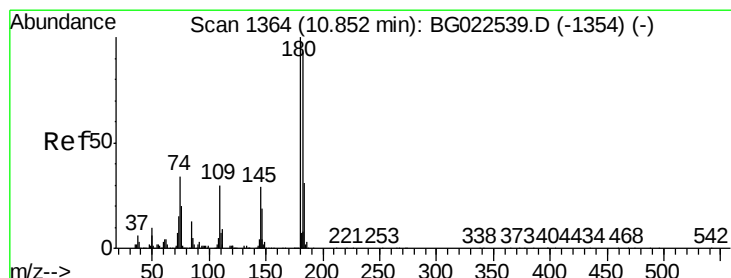
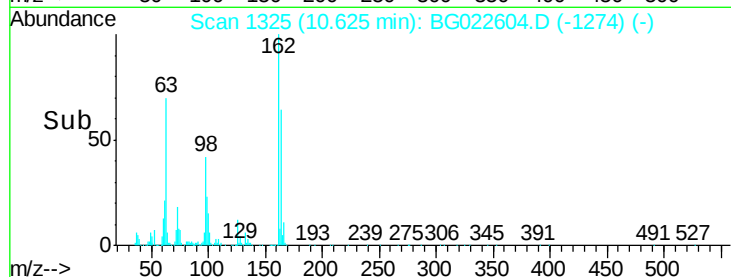
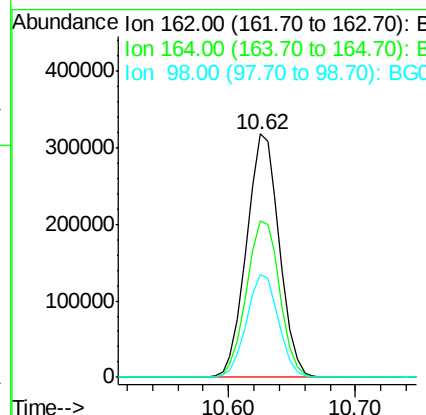
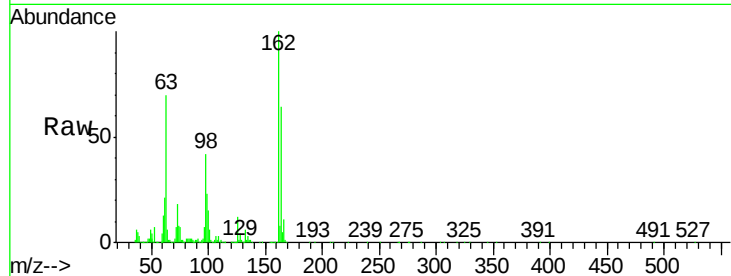




#29
2,4-Dichlorophenol
Concen: 55.48 ng
RT: 10.62 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

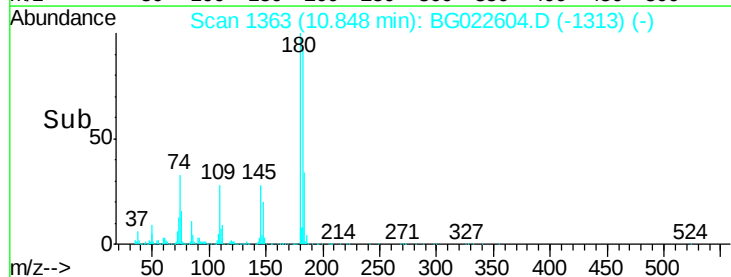
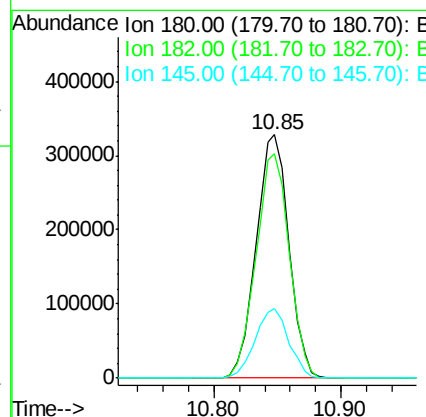
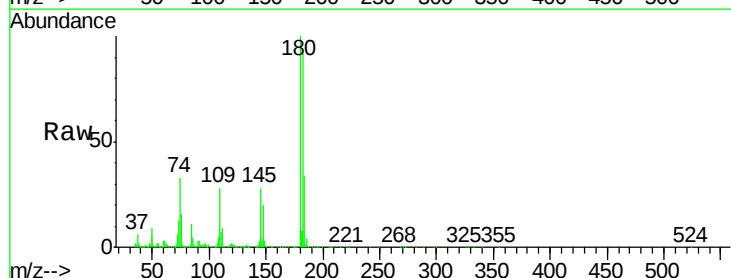
Instrument :
BNA_G
ClientSampleId :

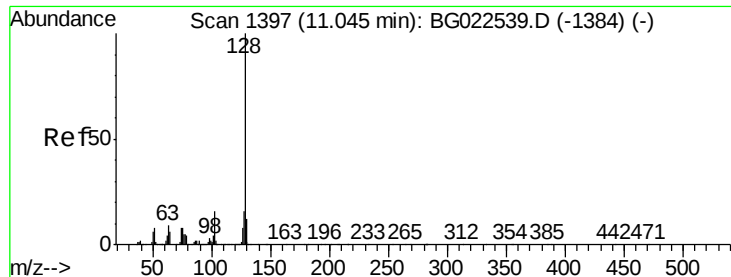
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.3	84.3
98	42.5	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 48.33 ng
RT: 10.85 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	73.8	110.8
145	28.5	24.4	36.6

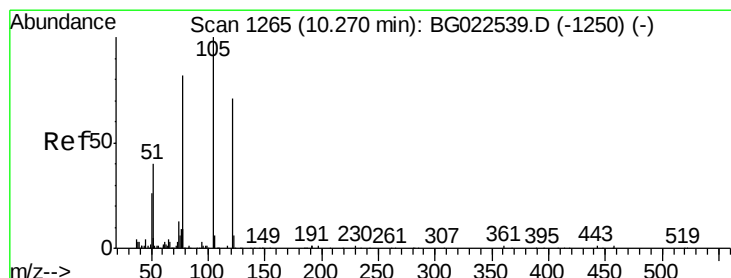
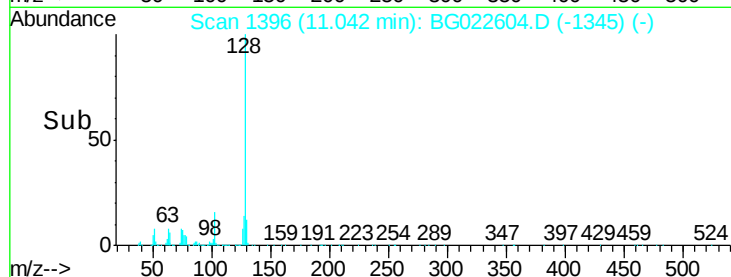
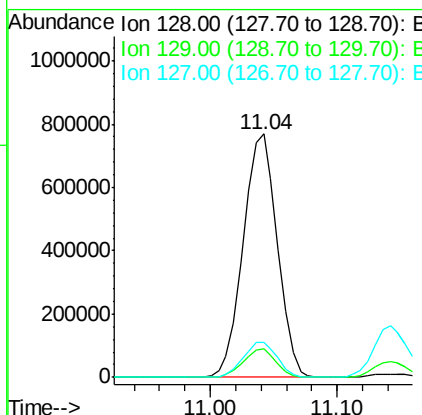
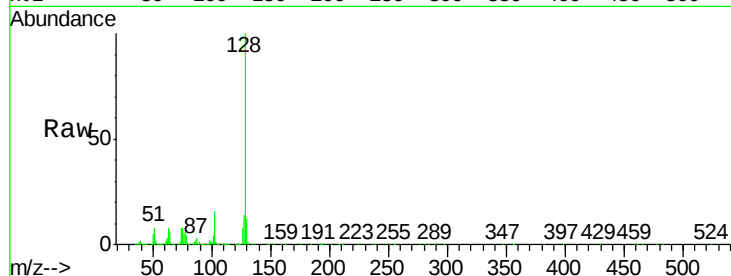




#31
Naphthalene
Concen: 48.51 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

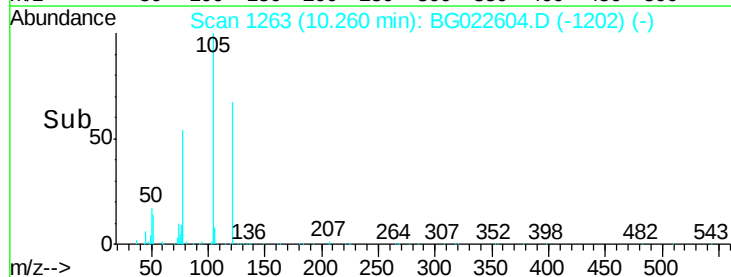
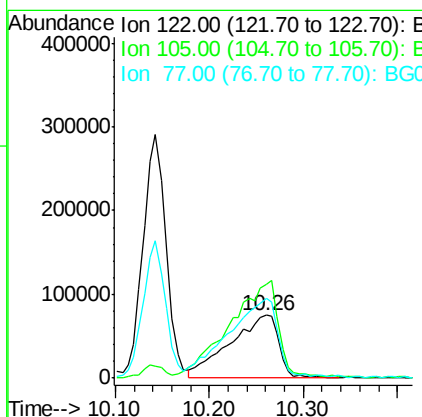
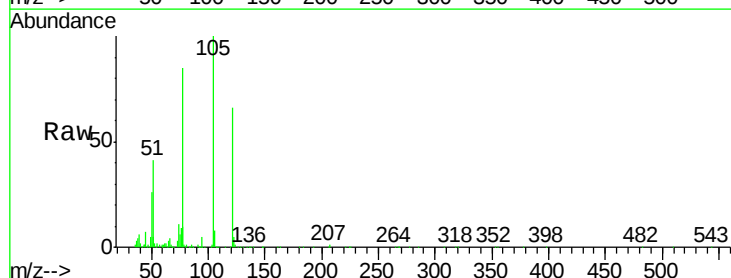
Instrument :
BNA_G
ClientSampled :

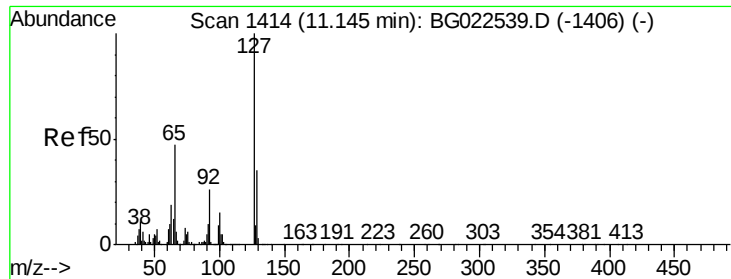
Tot Ion:128 Resp: 1433366
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 14.4 11.3 16.9



#32
Benzoic acid
Concen: 39.39 ng
RT: 10.26 min Scan# 1263
Delta R.T. 0.06 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion:122 Resp: 264932
Ion Ratio Lower Upper
122 100
105 150.5 117.2 157.2
77 128.0 109.2 149.2

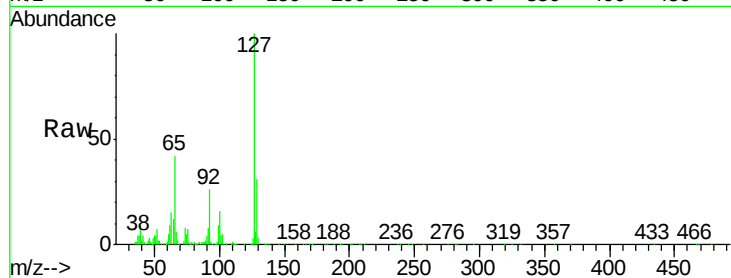




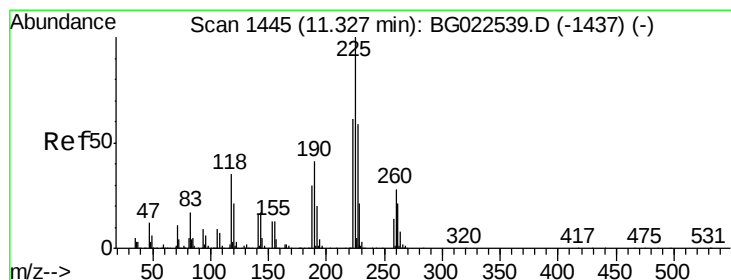
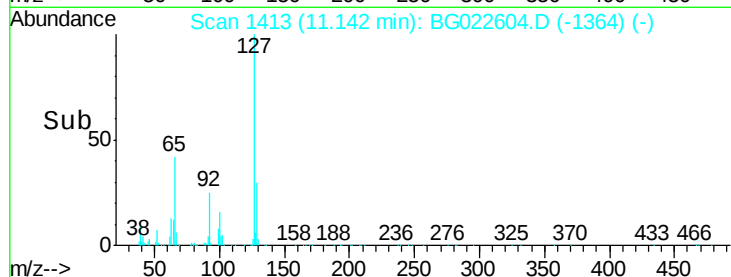
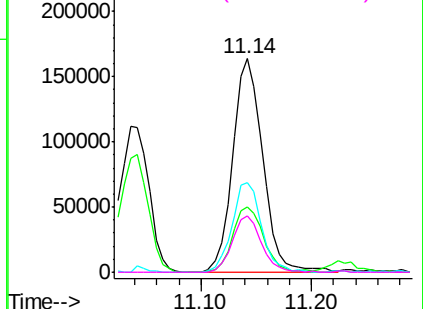
#33
4-Chloroaniline
Concen: 24.63 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	313537
Ion	Ratio	Lower	Upper
127	100		
129	30.8	27.9	41.9
65	42.1	36.8	55.2
92	26.2	21.0	31.6

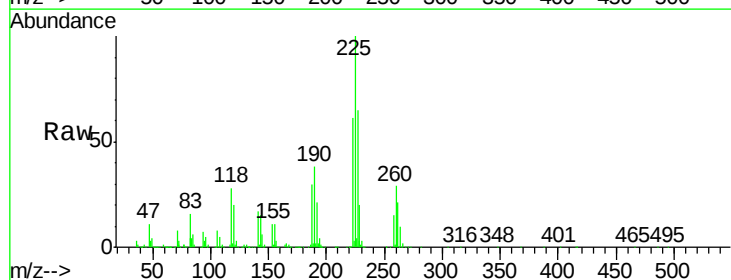


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

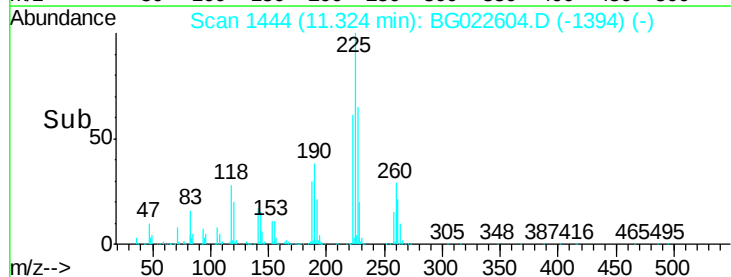
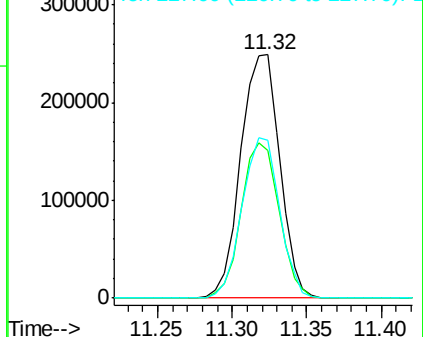


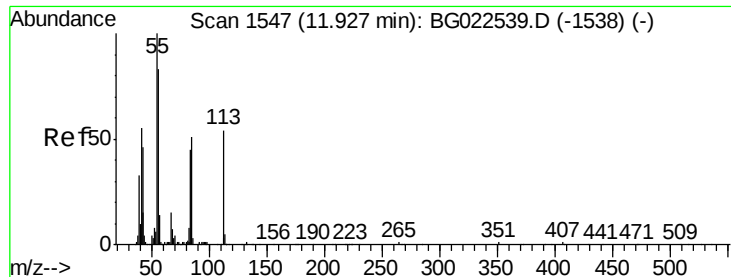
#34
Hexachlorobutadiene
Concen: 47.47 ng
RT: 11.32 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion:	225	Resp:	450863
Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.6	74.4
227	65.0	54.5	81.7



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





#35

Caprolactam

Concen: 41.39 ng

RT: 11.93 min Scan# 1547

Delta R.T. 0.03 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Instrument :

BNA_G

ClientSampleId :

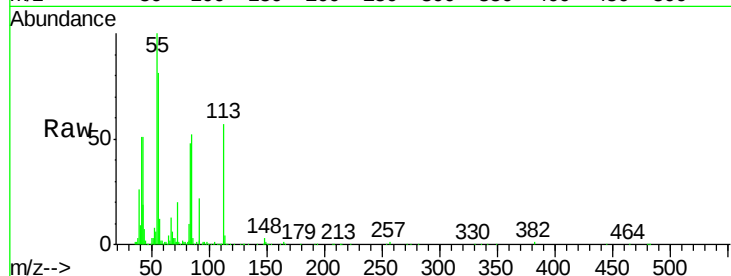
Tot Ion:113 Resp: 134186

Ion Ratio Lower Upper

113 100

55 174.3 154.5 194.5

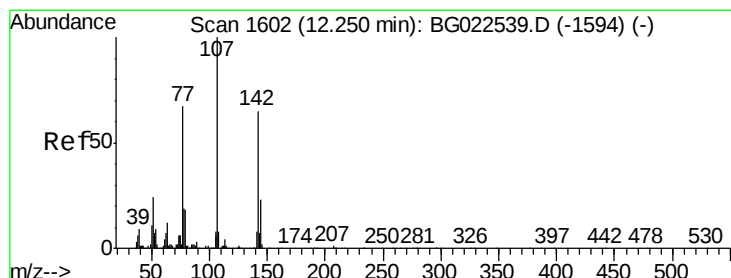
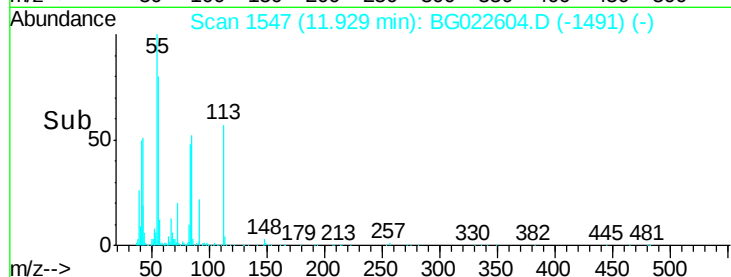
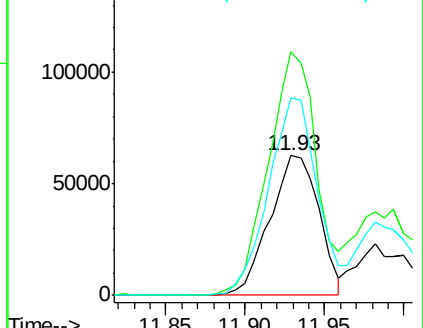
56 141.1 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 55.80 ng

RT: 12.25 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

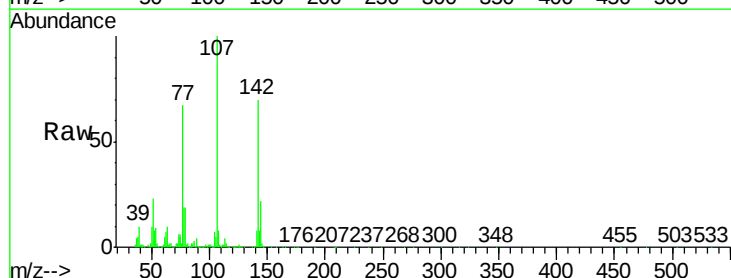
Tgt Ion:107 Resp: 705017

Ion Ratio Lower Upper

107 100

144 22.0 17.0 25.6

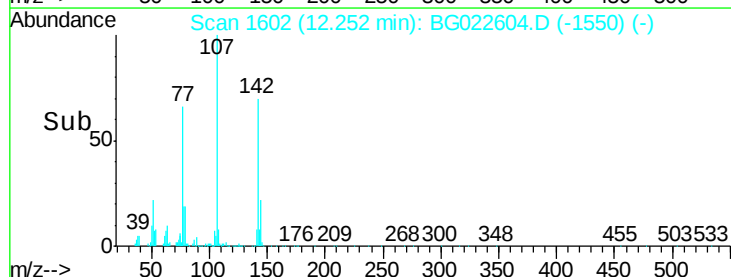
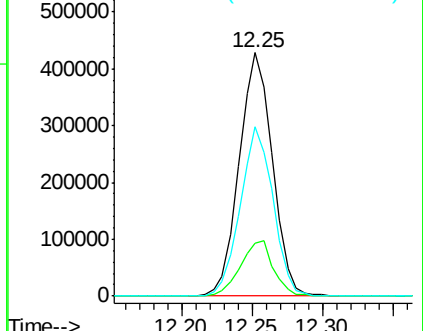
142 69.6 53.0 79.6

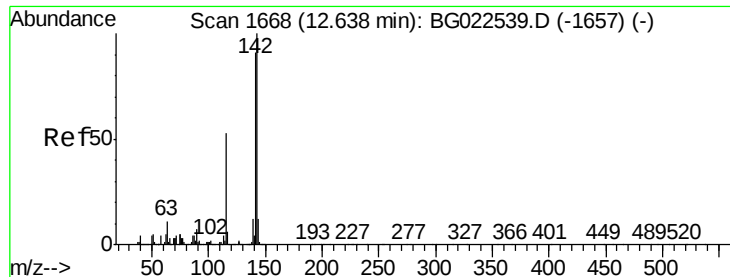


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

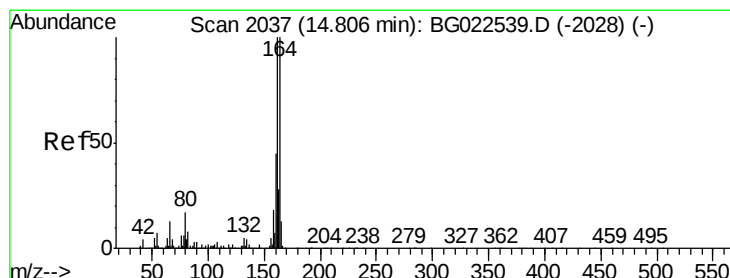
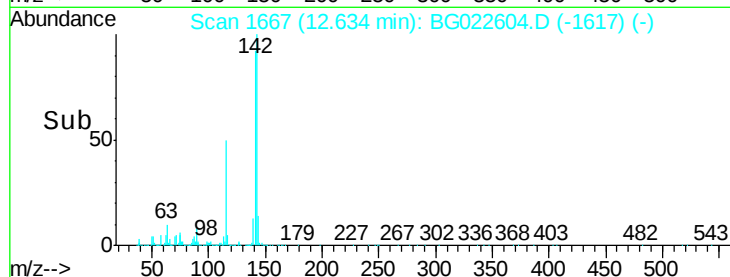
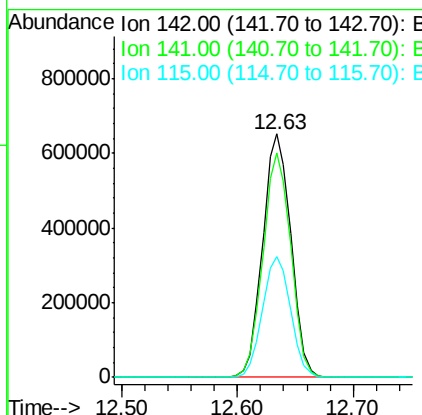
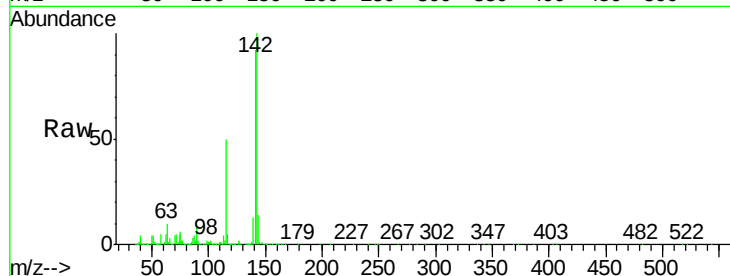




#37
2-Methylnaphthalene
Concen: 48.48 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

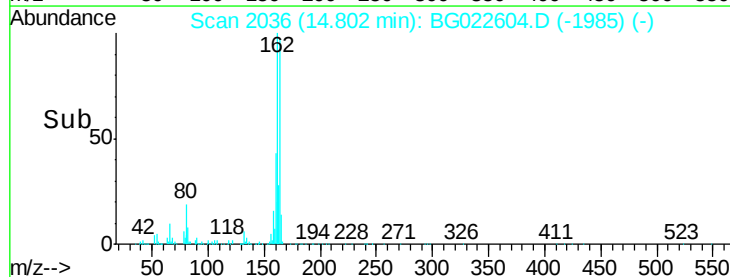
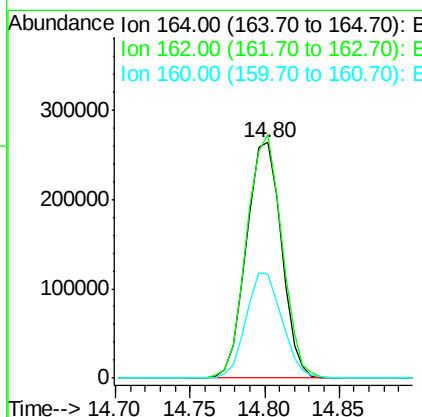
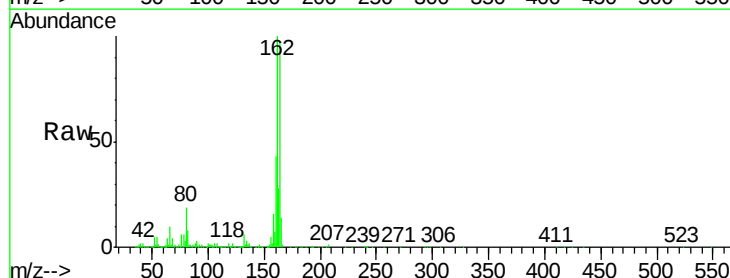
Instrument :
BNA_G
ClientSampleId :

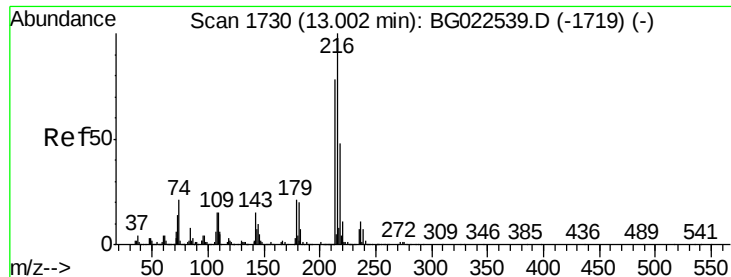
Tot Ion:142 Resp: 1110823
Ion Ratio Lower Upper
142 100
141 92.4 70.2 105.2
115 49.7 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion:164 Resp: 429404
Ion Ratio Lower Upper
164 100
162 103.2 87.7 131.5
160 44.2 37.2 55.8

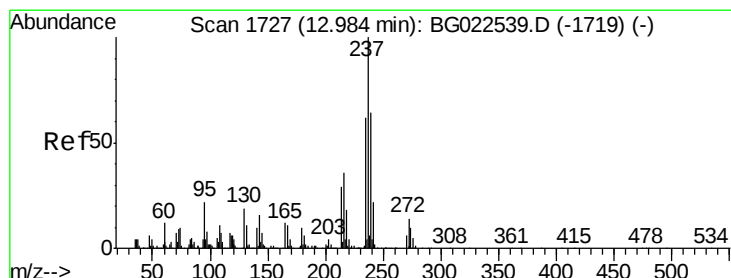
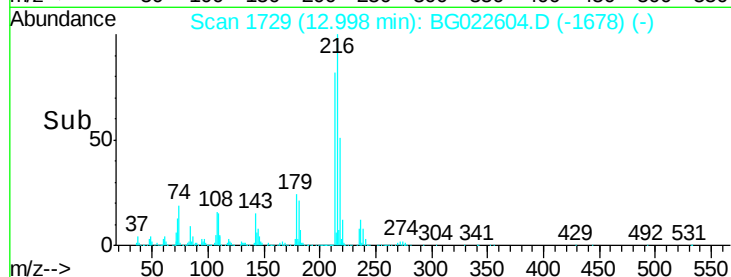
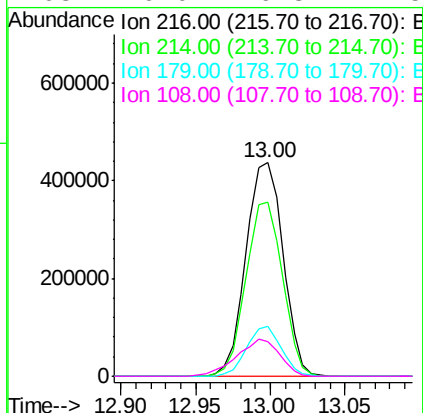
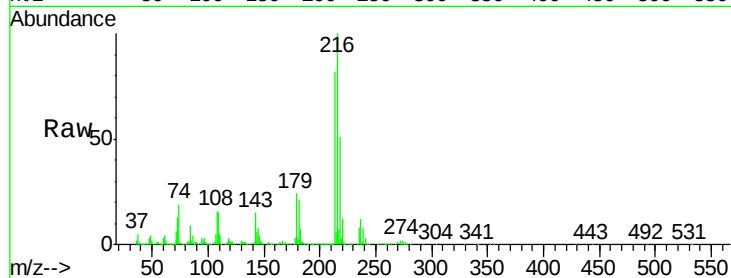




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.29 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

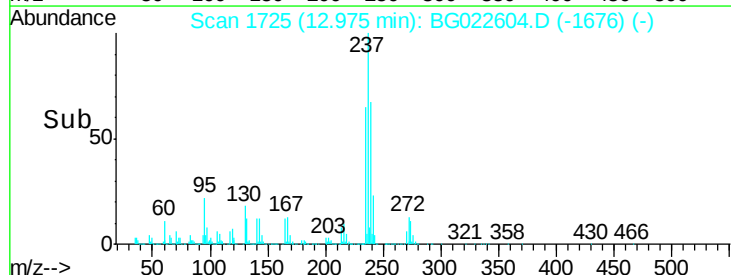
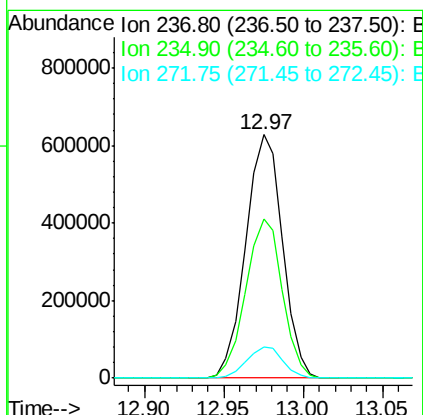
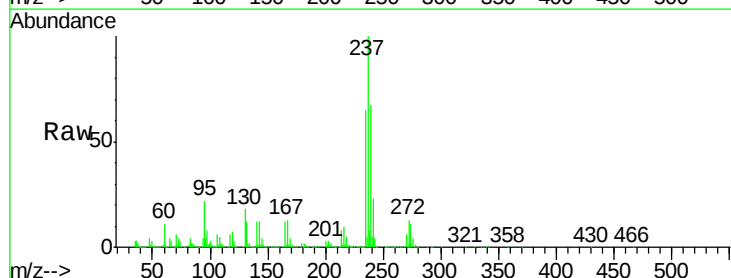
Instrument :
 BNA_G
 ClientSampleId :

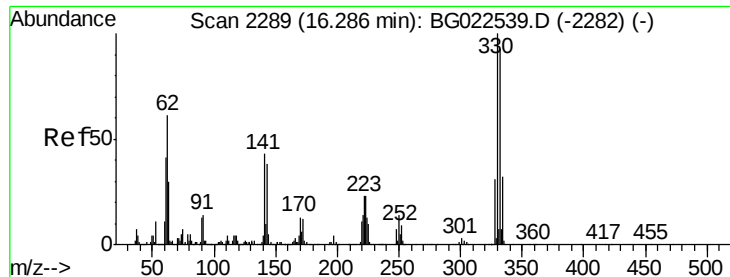
Tot Ion:216	Resp:	750402
Ion Ratio	Lower	Upper
216	100	
214	80.3	62.9 94.3
179	21.9	17.2 25.8
108	20.0	16.3 24.5



#40
 Hexachlorocyclopentadiene
 Concen: 78.16 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

Tgt Ion:237	Resp:	1011548
Ion Ratio	Lower	Upper
237	100	
235	65.1	43.1 83.1
272	12.9	0.0 30.9

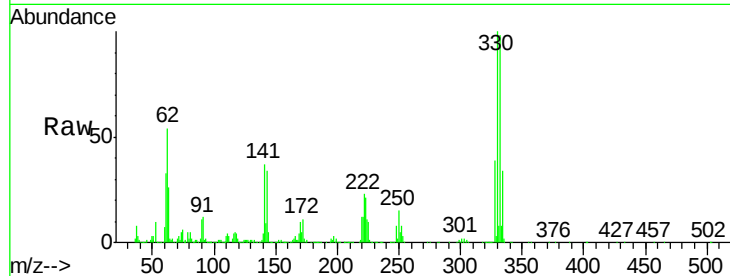




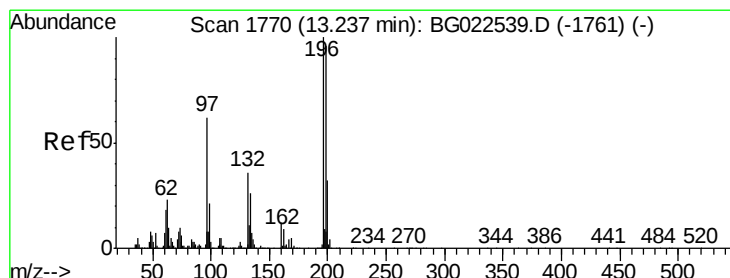
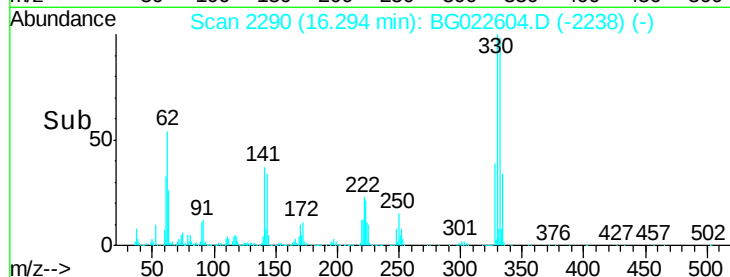
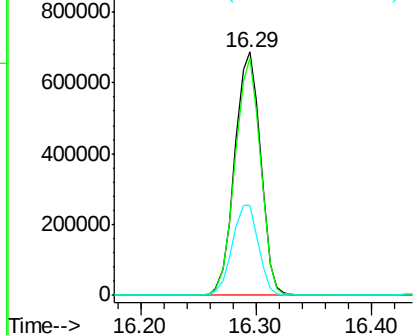
#41
 2,4,6-Tribromophenol
 Concen: 157.72 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 1065243
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 37.6 31.7 47.5

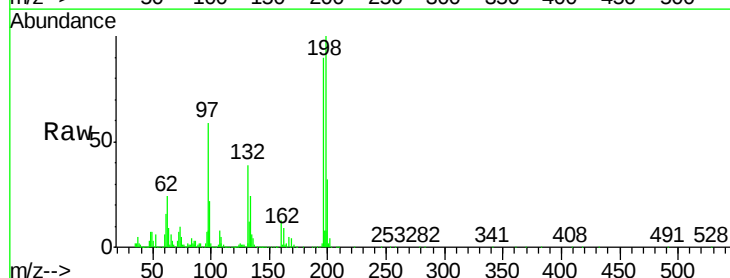


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

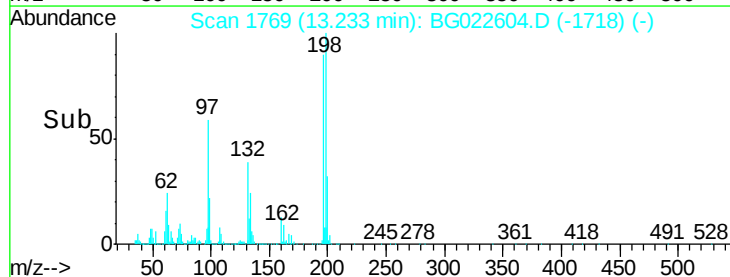
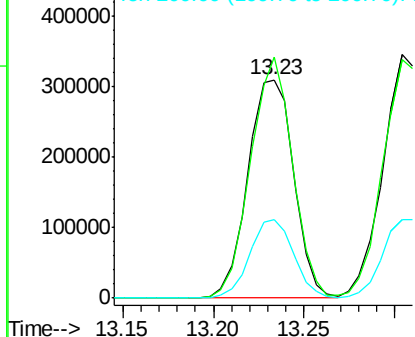


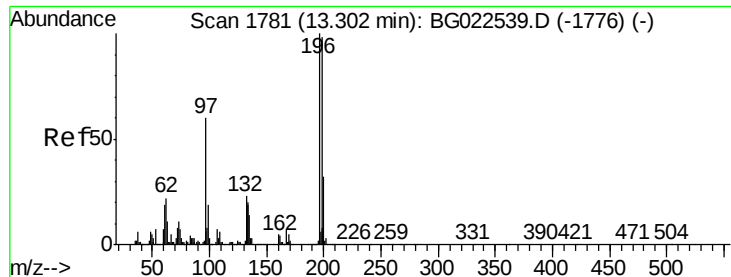
#42
 2,4,6-Trichlorophenol
 Concen: 52.47 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

Tgt Ion:196 Resp: 545411
 Ion Ratio Lower Upper
 196 100
 198 110.8 78.2 117.2
 200 35.9 27.0 40.4



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

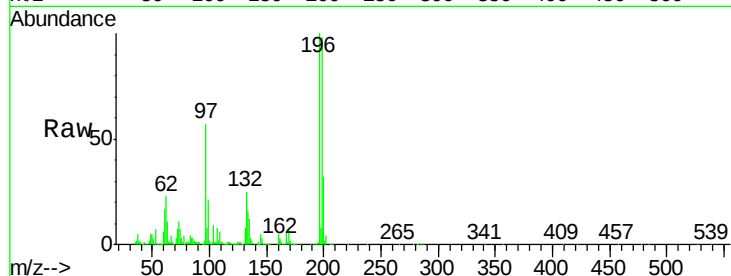




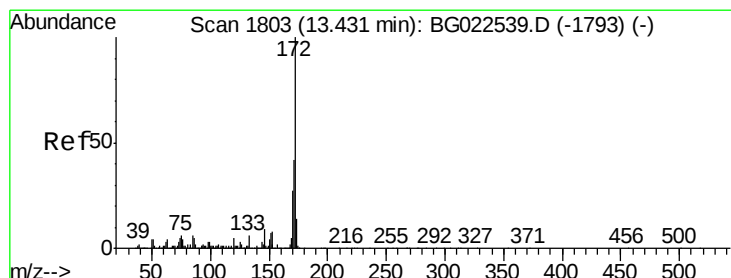
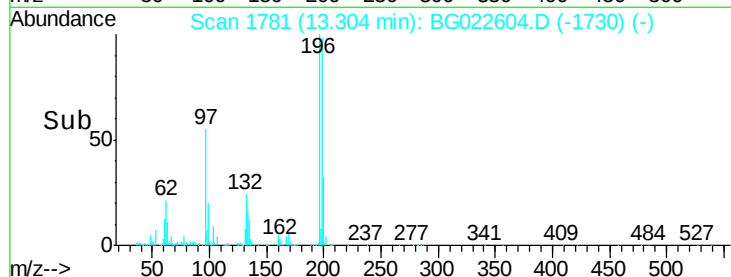
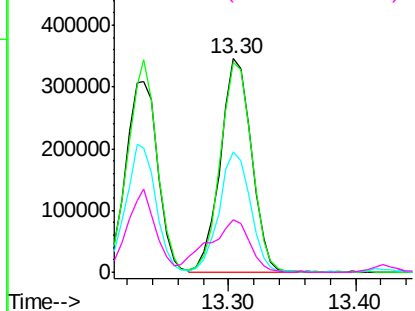
#43
2,4,5-Trichlorophenol
Concen: 53.98 ng
RT: 13.30 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 587131
Ion Ratio Lower Upper
196 100
198 98.2 85.7 128.5
97 56.6 45.5 68.3
132 24.6 18.9 28.3

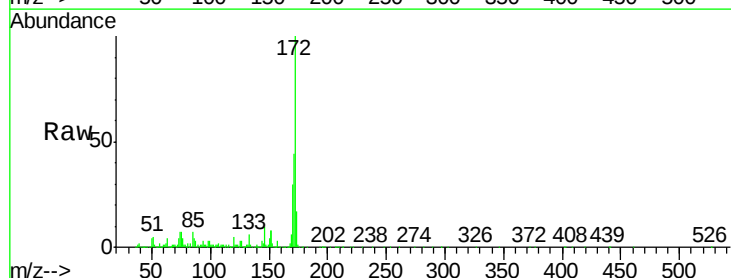


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

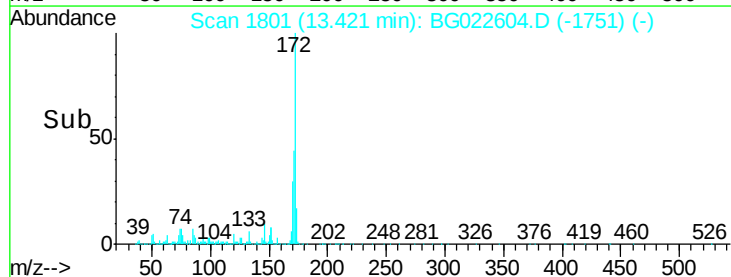
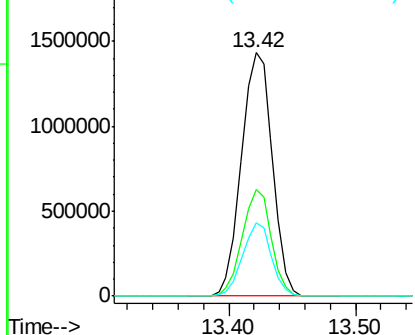


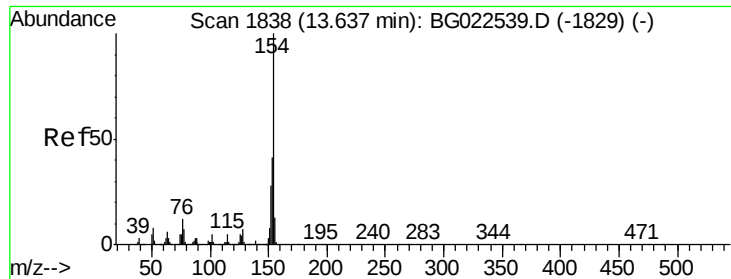
#44
2-Fluorobiphenyl
Concen: 89.41 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion:172 Resp: 2420929
Ion Ratio Lower Upper
172 100
171 43.8 31.6 47.4
170 30.3 21.3 31.9



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





#45

1,1'-Biphenyl

Concen: 46.90 ng

RT: 13.63 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

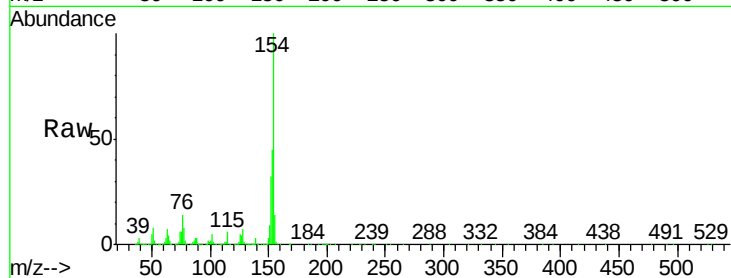
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 1534154

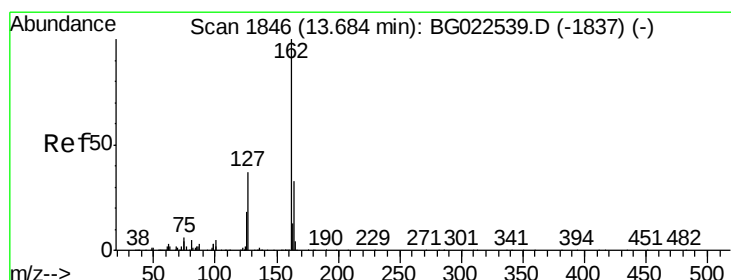
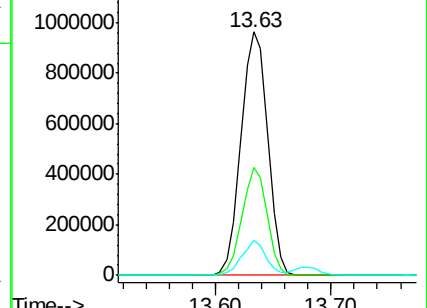
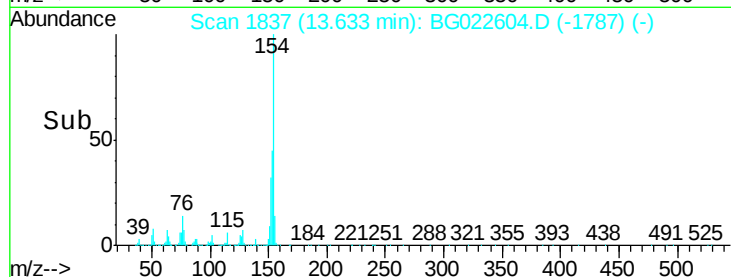
Ion	Ratio	Lower	Upper
154	100		
153	44.5	20.2	60.2
76	14.2	0.0	32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 46.66 ng

RT: 13.68 min Scan# 1845

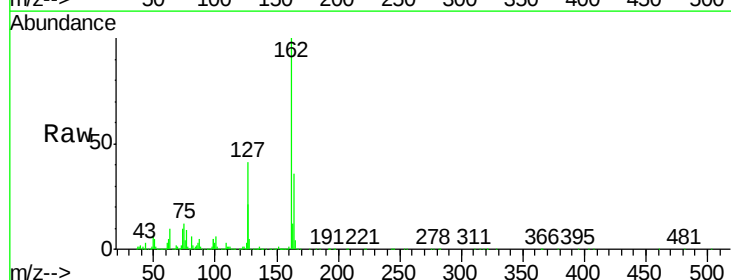
Delta R.T. 0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Tgt Ion:162 Resp: 1255858

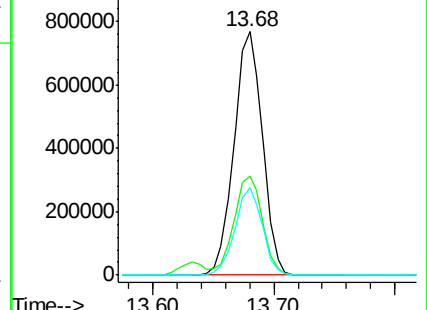
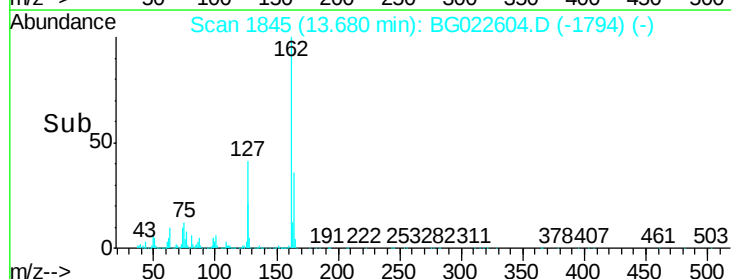
Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.4	48.6
164	35.8	25.2	37.8

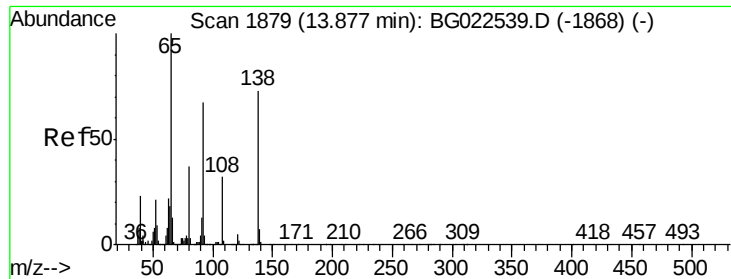


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 54.02 ng

RT: 13.88 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Instrument :

BNA_G

ClientSampleId :

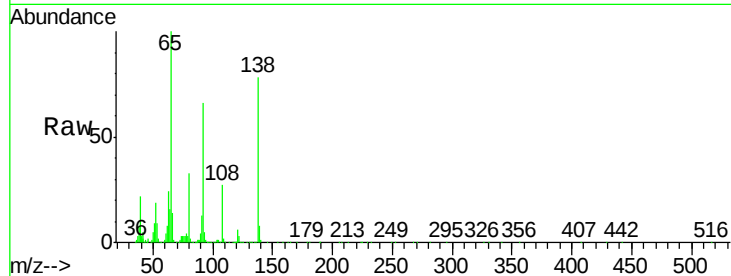
Tot Ion: 65 Resp: 561184

Ion	Ratio	Lower	Upper
65	100		
92	66.1	49.4	74.0
138	78.0	58.0	87.0

65 100

92 66.1 49.4 74.0

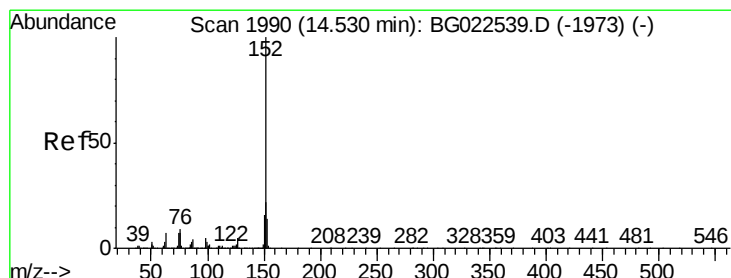
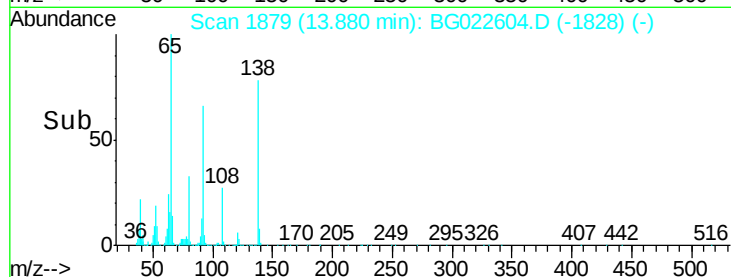
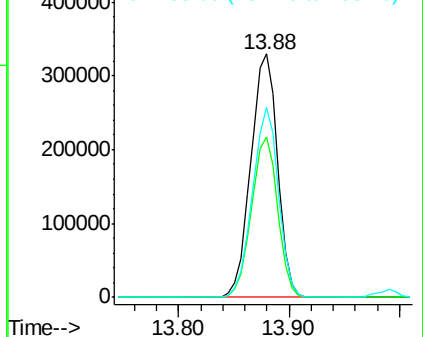
138 78.0 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 47.76 ng

RT: 14.53 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

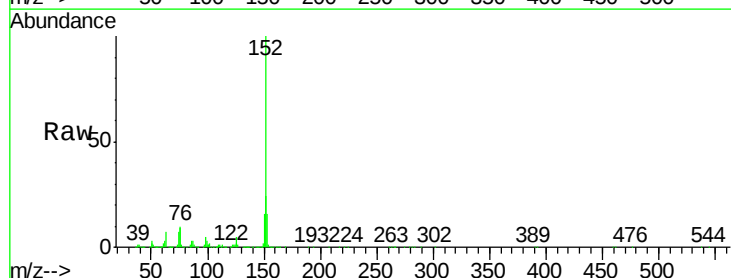
Tgt Ion: 152 Resp: 1864504

Ion	Ratio	Lower	Upper
152	100		
151	24.2	17.6	26.4
153	15.8	11.4	17.2

152 100

151 24.2 17.6 26.4

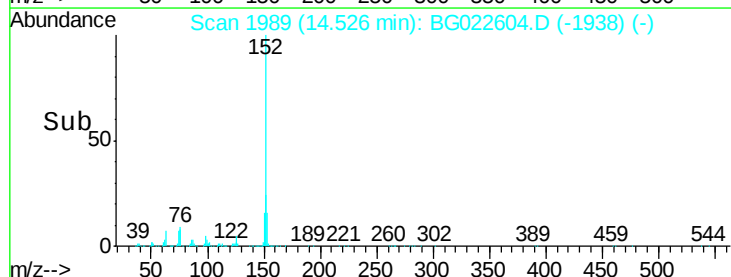
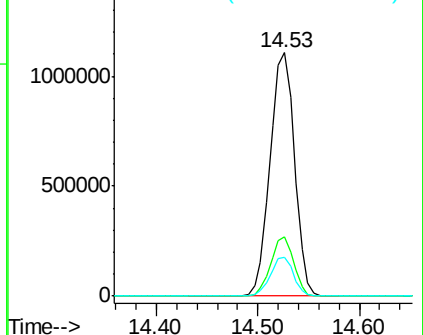
153 15.8 11.4 17.2

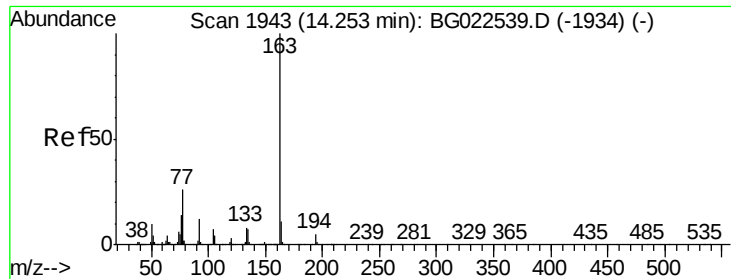


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 56.85 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Instrument :

BNA_G

ClientSampleId :

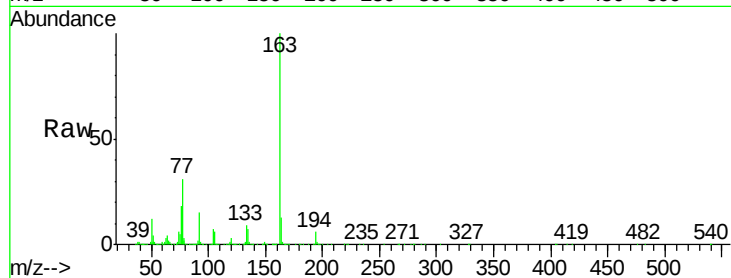
Tot Ion:163 Resp: 2024959

Ion Ratio Lower Upper

163 100

194 5.8 3.6 5.4#

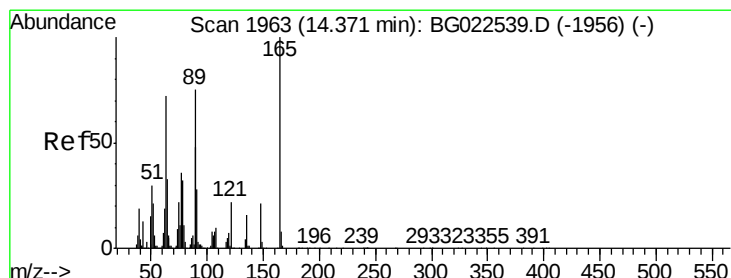
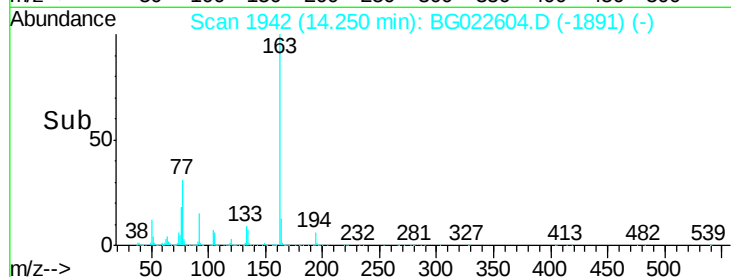
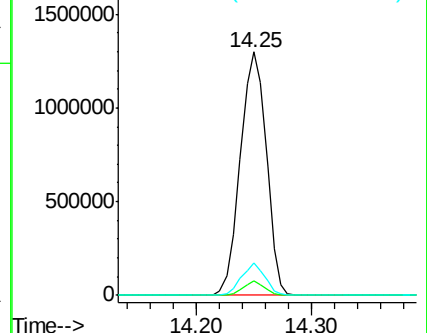
164 13.1 8.1 12.1#



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: 52.96 ng

RT: 14.37 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

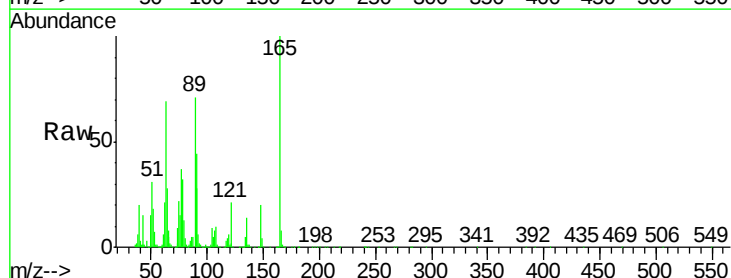
Tgt Ion:165 Resp: 409946

Ion Ratio Lower Upper

165 100

63 69.1 64.3 96.5

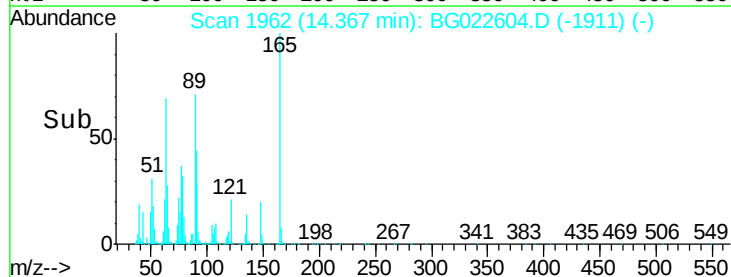
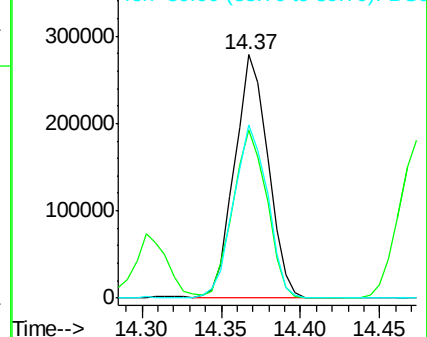
89 71.0 64.3 96.5

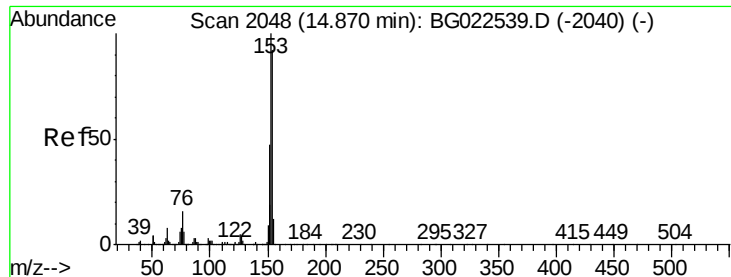


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.01 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Instrument :

BNA_G

ClientSampleId :

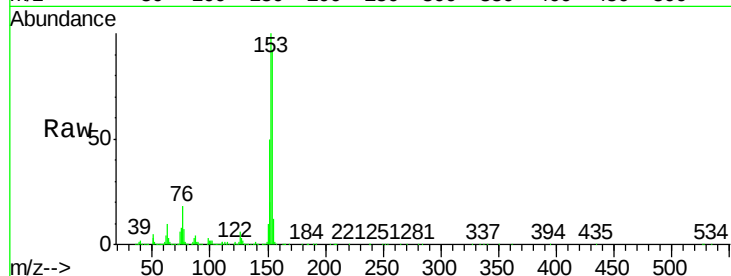
Tot Ion:154 Resp: 1265678

Ion Ratio Lower Upper

154 100

153 108.9 87.5 131.3

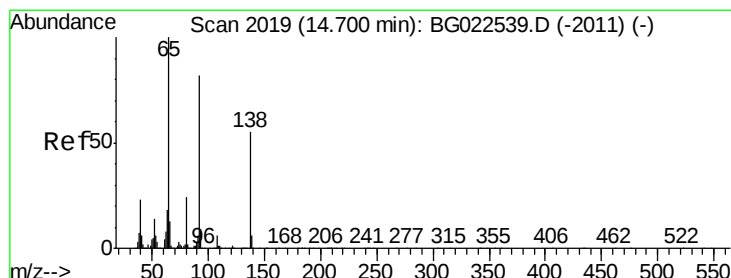
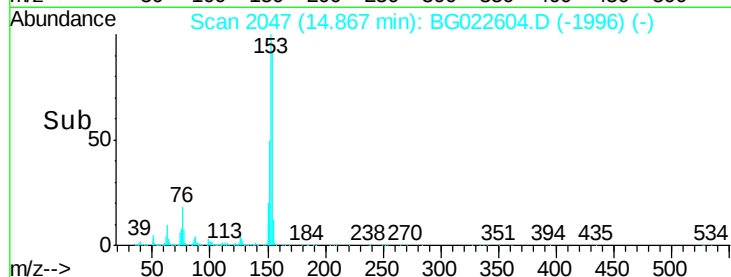
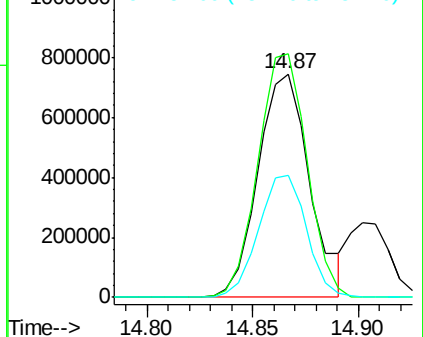
152 54.6 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.63 ng

RT: 14.70 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

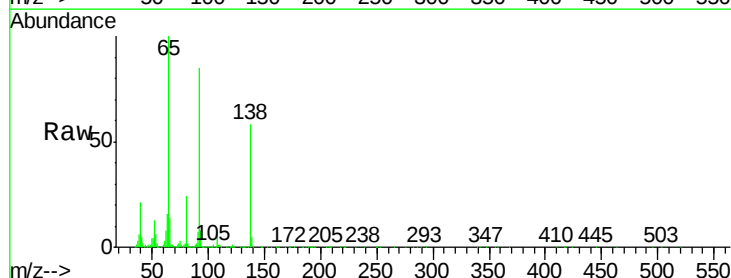
Tgt Ion:138 Resp: 308768

Ion Ratio Lower Upper

138 100

108 12.4 11.7 17.5

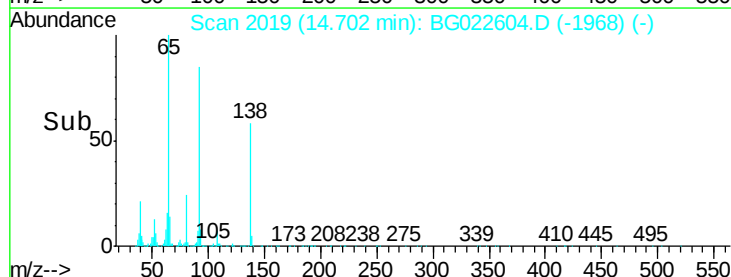
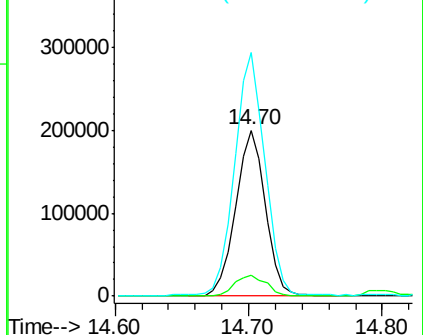
92 146.7 129.7 194.5

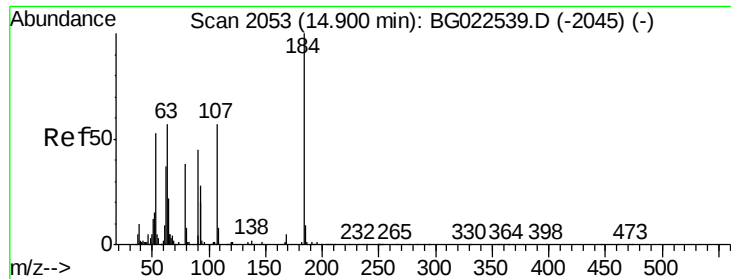


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 107.66 ng

RT: 14.90 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

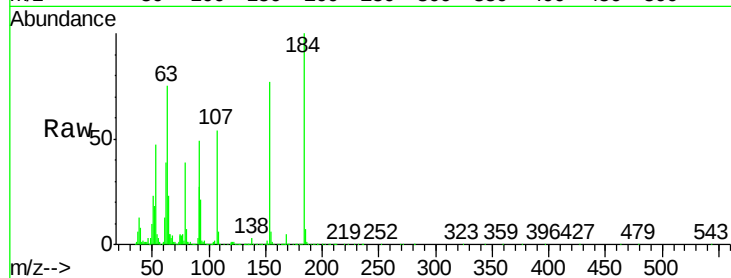
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 513260

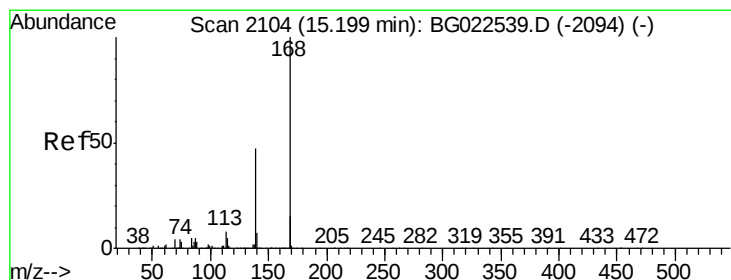
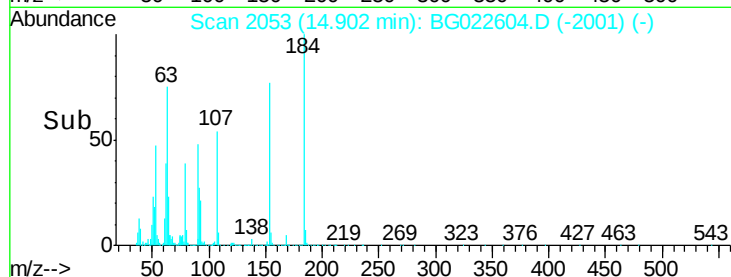
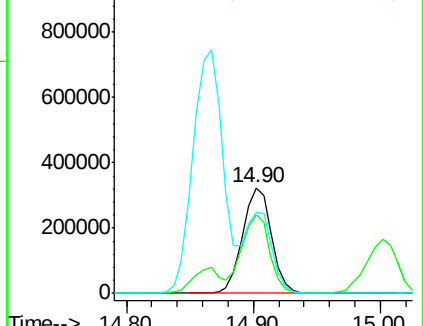
Ion	Ratio	Lower	Upper
184	100		
63	74.7	59.6	89.4
154	77.0	67.4	101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.68 ng

RT: 15.20 min Scan# 2103

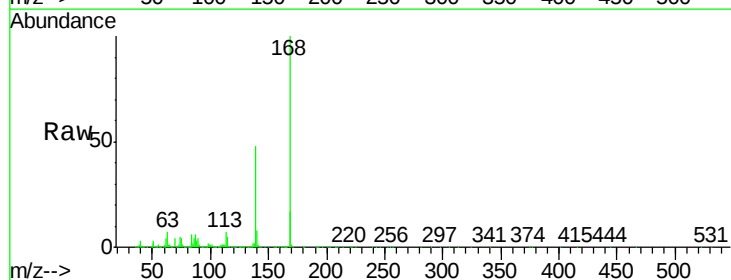
Delta R.T. -0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Tgt Ion:168 Resp: 1944442

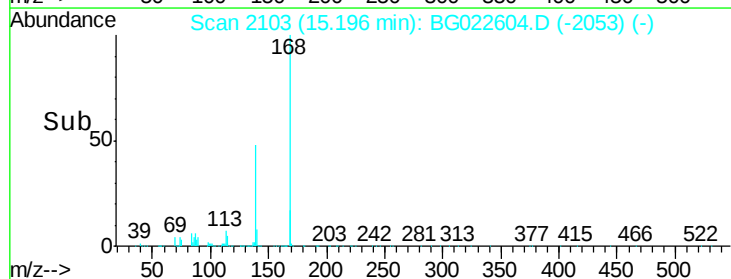
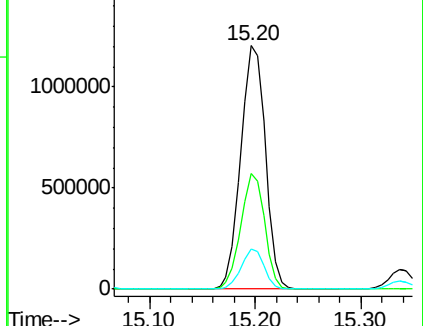
Ion	Ratio	Lower	Upper
168	100		
139	47.5	36.4	54.6
169	16.5	11.9	17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

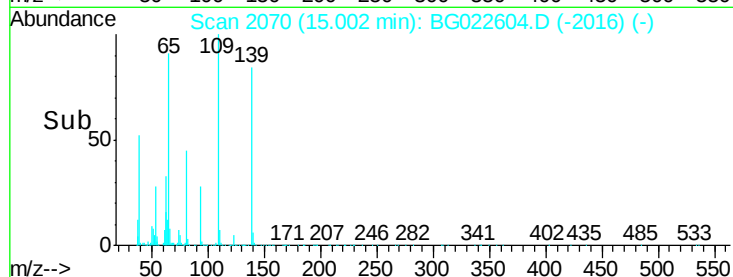
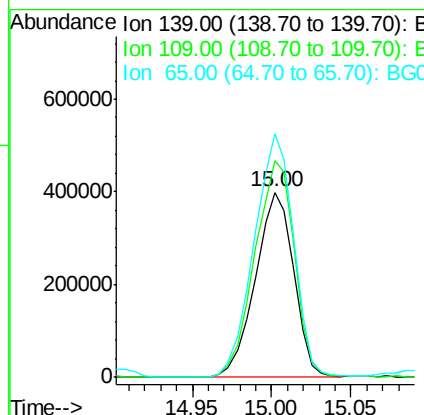
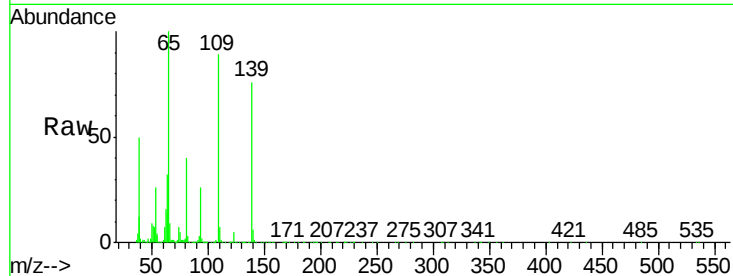




#55
4-Nitrophenol
Concen: 110.03 ng
RT: 15.00 min Scan# 2070
Delta R.T. 0.02 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

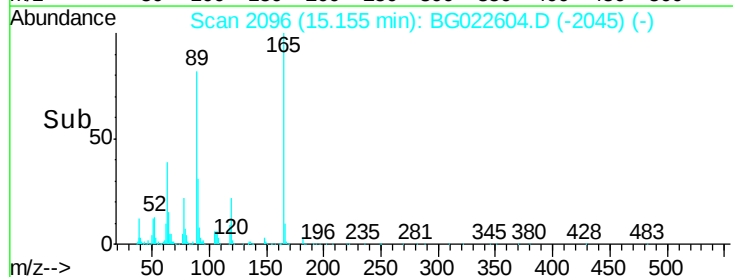
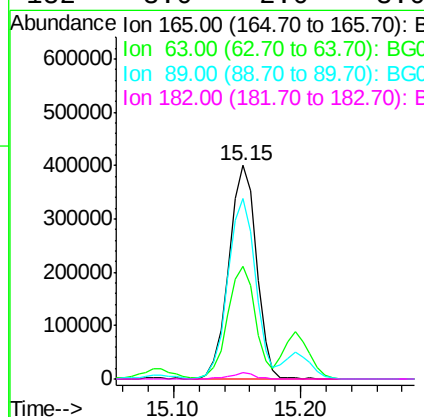
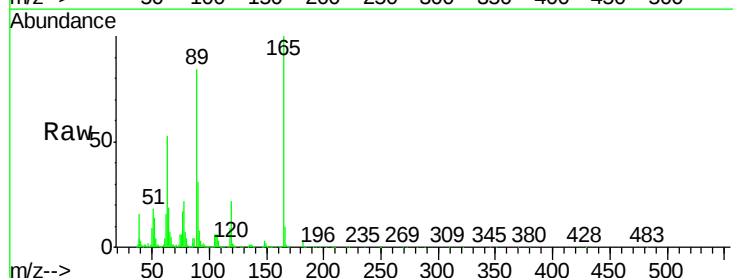
Instrument :
BNA_G
ClientSampleId :

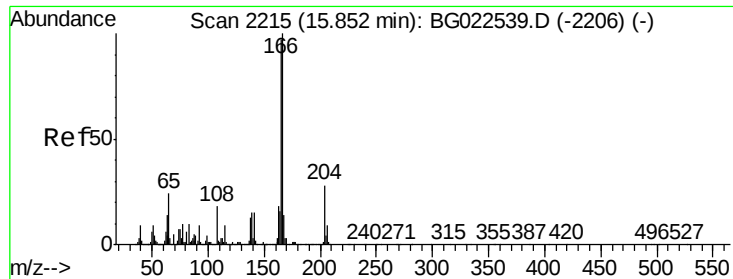
Tot Ion:139 Resp: 673900
Ion Ratio Lower Upper
139 100
109 117.0 103.0 143.0
65 131.6 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 55.95 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion:165 Resp: 599922
Ion Ratio Lower Upper
165 100
63 52.8 45.8 68.6
89 84.3 68.6 102.8
182 3.0 2.0 3.0

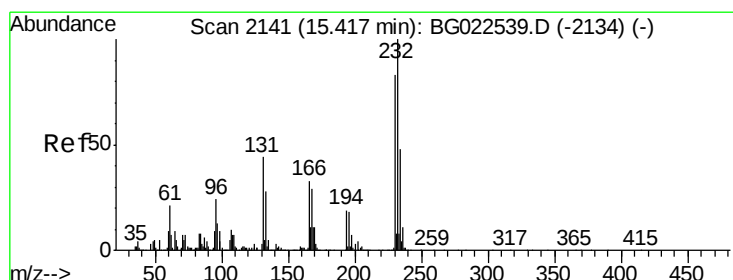
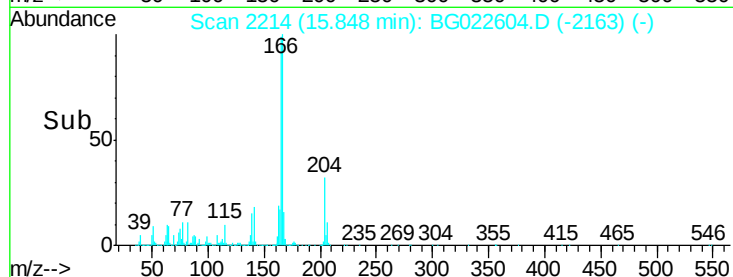
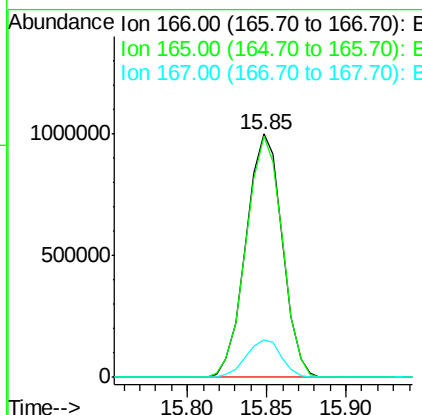
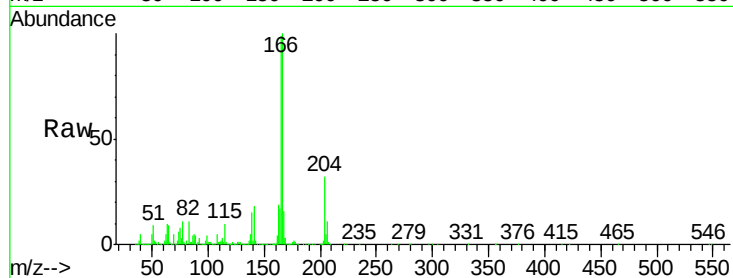




#57
 Fluorene
 Concen: 47.81 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

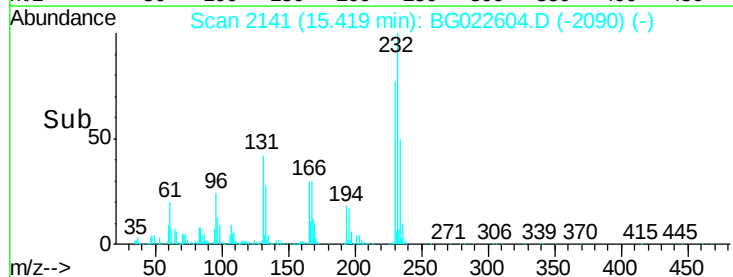
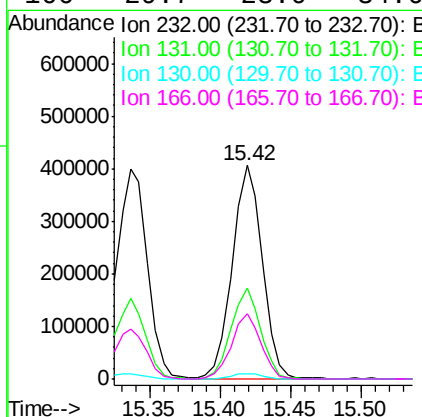
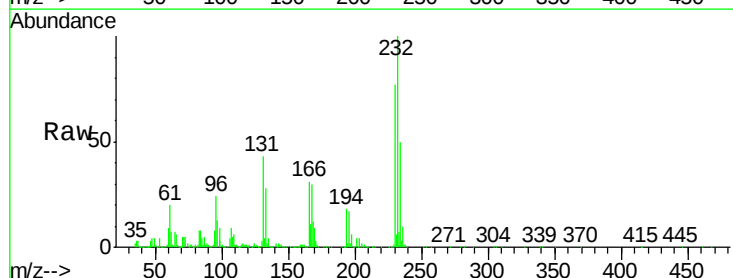
Instrument :
 BNA_G
 ClientSampleId :

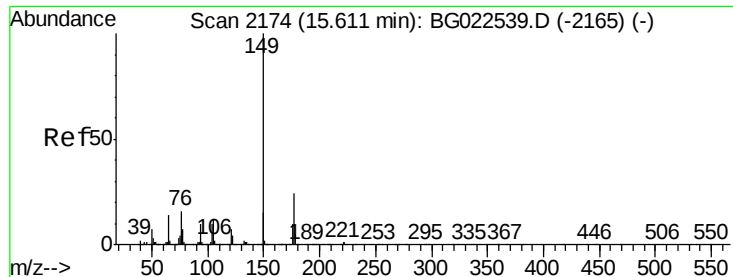
Tot Ion:166 Resp: 1589203
 Ion Ratio Lower Upper
 166 100
 165 99.1 81.0 121.6
 167 15.7 12.0 18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.64 ng
 RT: 15.42 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

Tgt Ion:232 Resp: 604933
 Ion Ratio Lower Upper
 232 100
 131 41.5 32.7 49.1
 130 2.7 2.6 3.8
 166 29.7 23.0 34.6

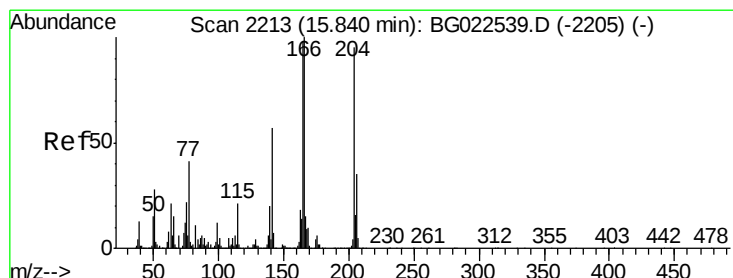
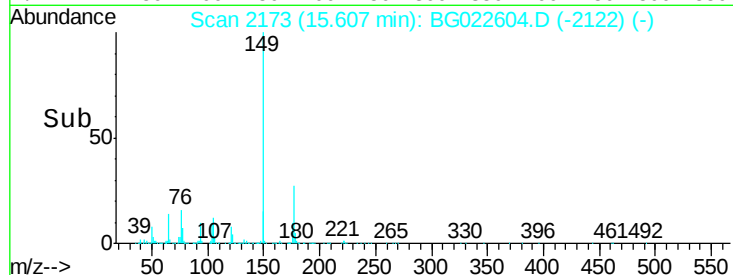
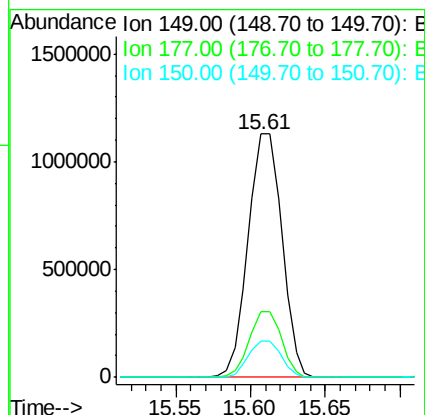
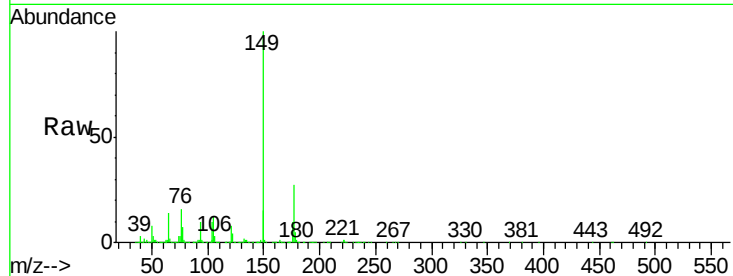




#59
Diethylphthalate
Concen: 48.33 ng
RT: 15.61 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

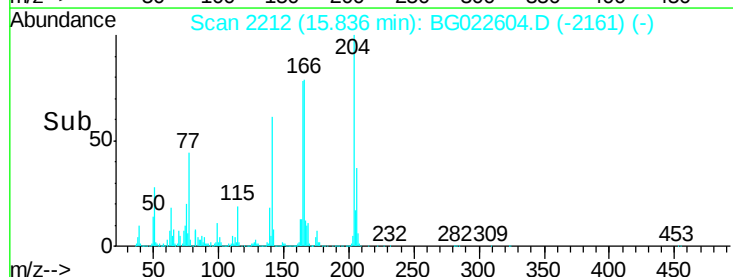
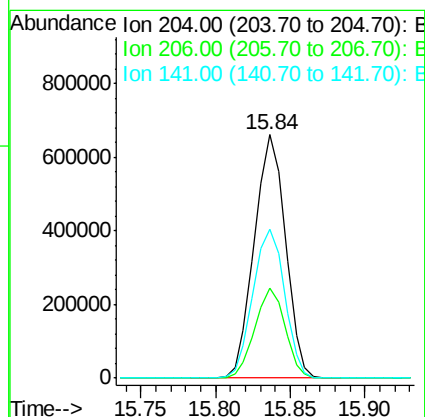
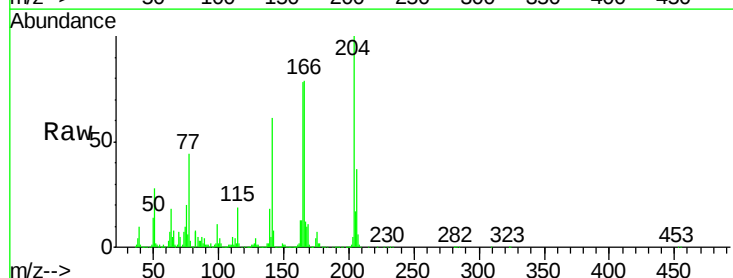
Instrument :
BNA_G
ClientSampleId :

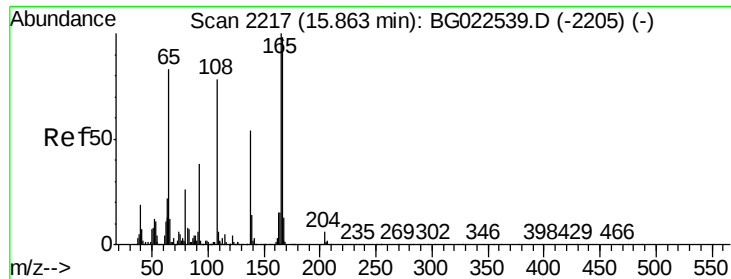
Tot Ion:149 Resp: 1769798
Ion Ratio Lower Upper
149 100
177 27.0 19.2 28.8
150 15.1 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 48.10 ng
RT: 15.84 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion:204 Resp: 951948
Ion Ratio Lower Upper
204 100
206 37.2 28.5 42.7
141 61.1 51.4 77.0

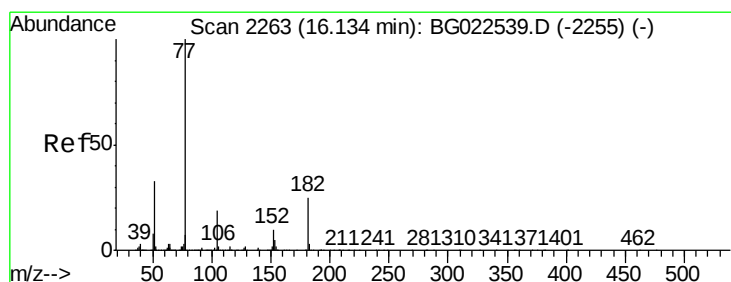
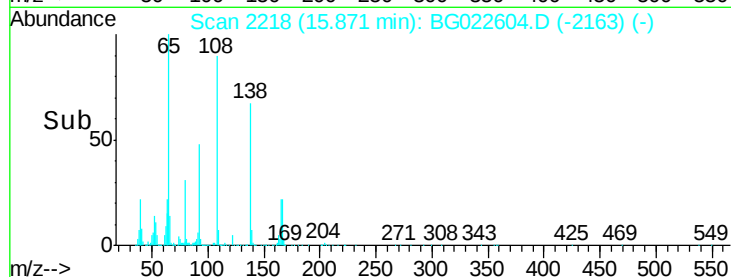
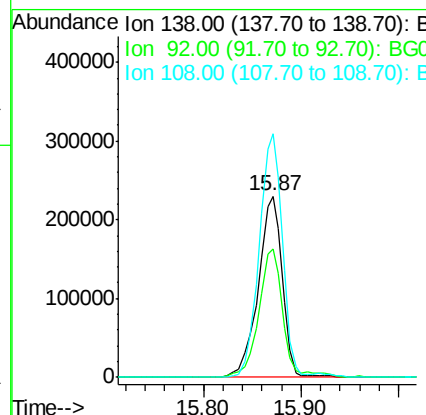
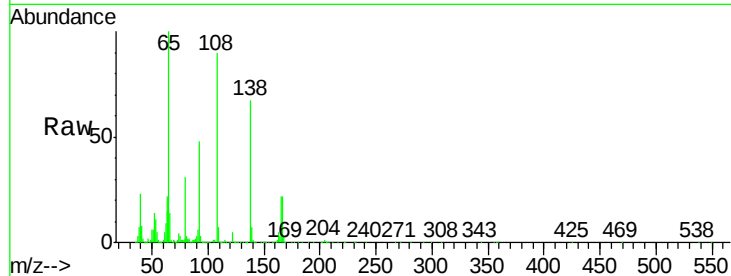




#61
4-Nitroaniline
Concen: 53.31 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.03 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

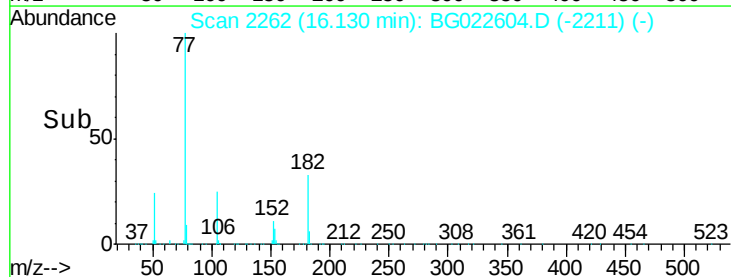
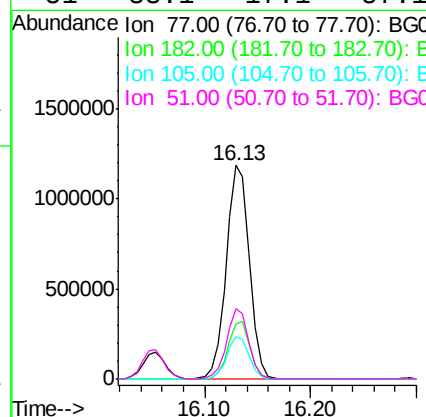
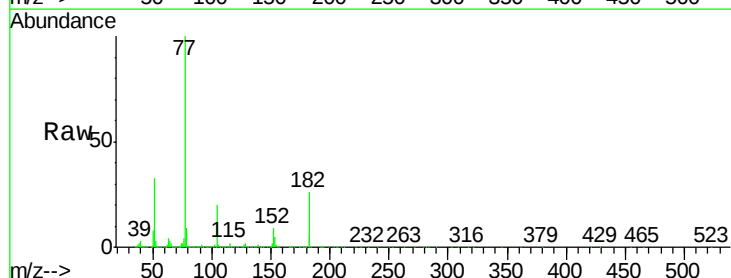
Instrument :
BNA_G
ClientSampleId :

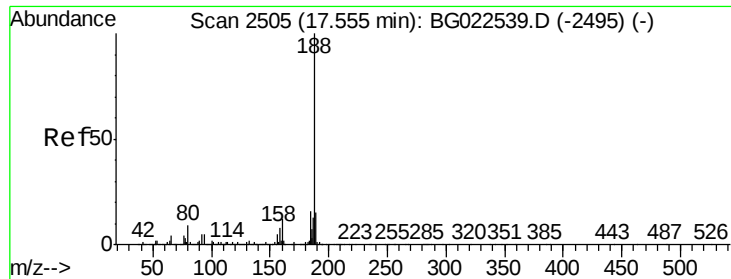
Tot Ion:138 Resp: 398420
Ion Ratio Lower Upper
138 100
92 71.1 54.1 94.1
108 134.3 133.9 173.9



#62
Azobenzene
Concen: 45.06 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion: 77 Resp: 1787025
Ion Ratio Lower Upper
77 100
182 25.7 3.5 43.5
105 19.6 0.0 38.5
51 33.1 17.1 57.1

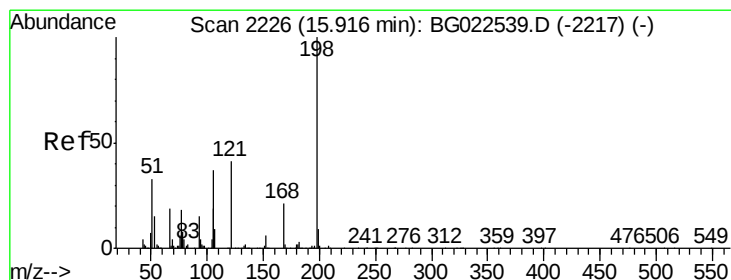
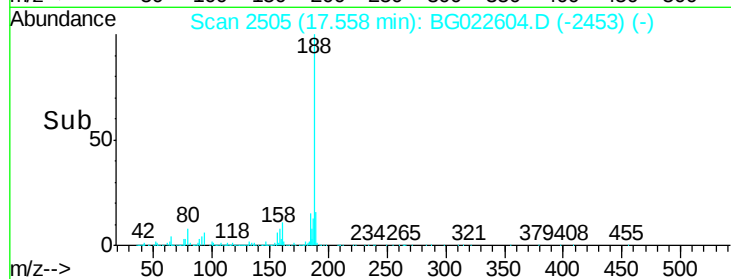
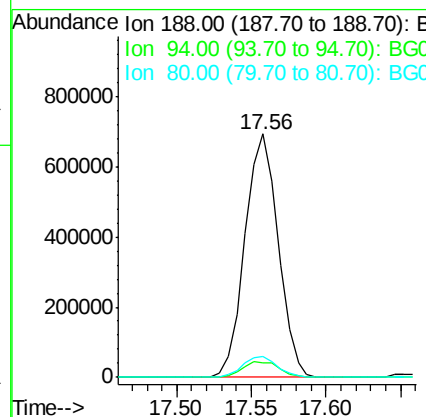
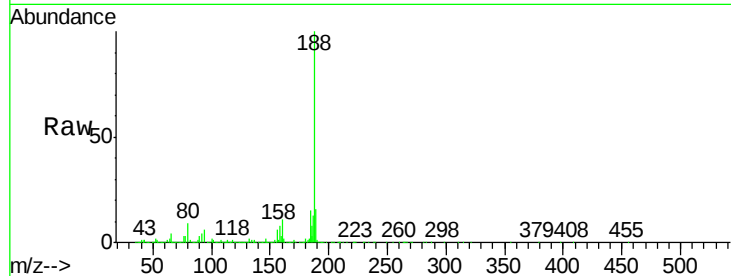




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. 0.01 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

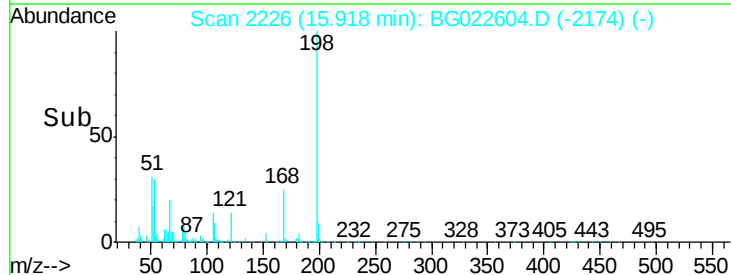
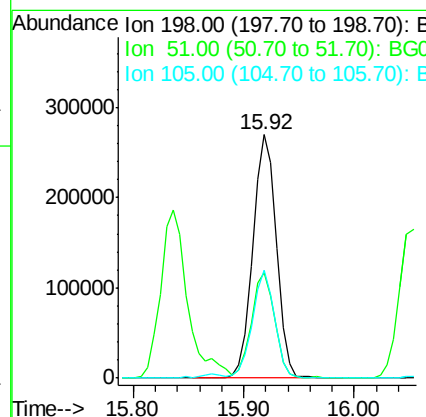
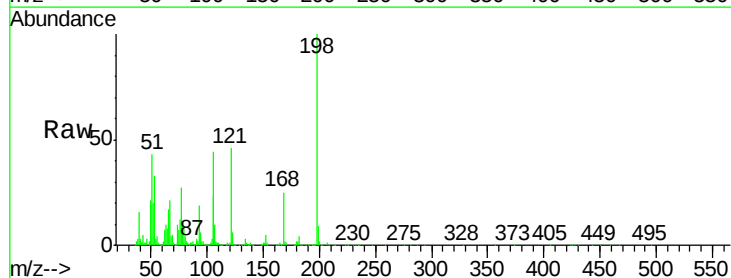
Instrument :
 BNA_G
 ClientSampleId :

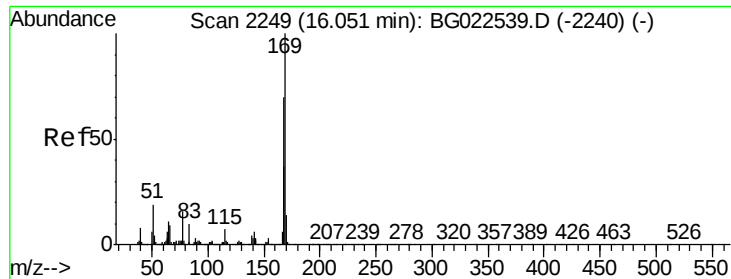
Tot Ion:188 Resp: 1069784
 Ion Ratio Lower Upper
 188 100
 94 6.2 5.2 7.8
 80 8.5 7.2 10.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 56.14 ng
 RT: 15.92 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

Tgt Ion:198 Resp: 402760
 Ion Ratio Lower Upper
 198 100
 51 43.5 26.0 66.0
 105 44.2 20.1 60.1

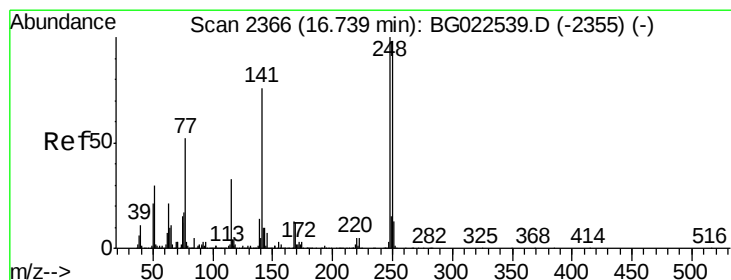
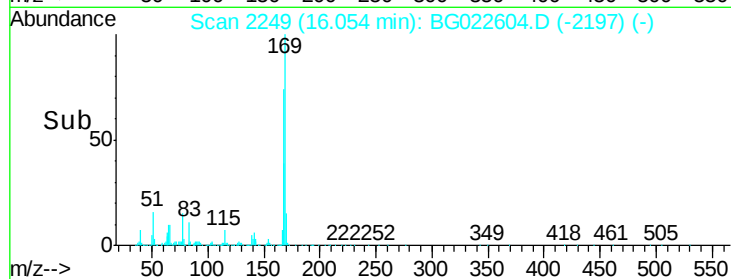
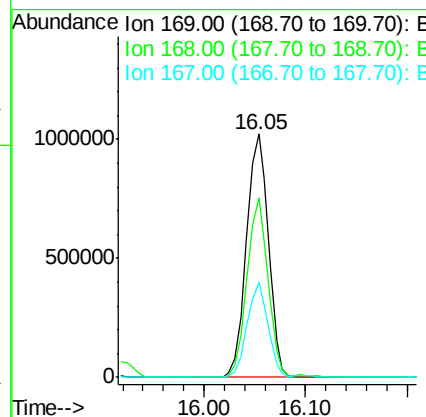
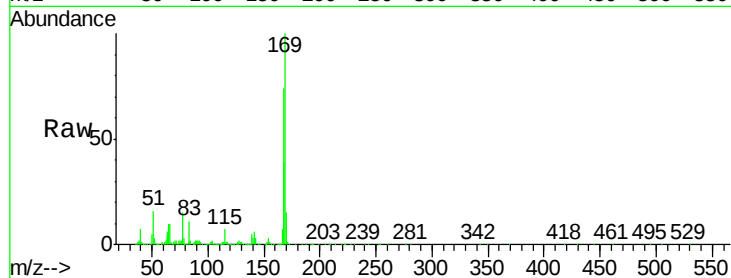




#65
n-Nitrosodiphenylamine
Concen: 49.22 ng
RT: 16.05 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

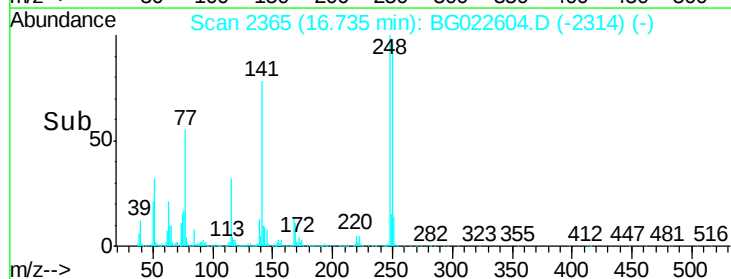
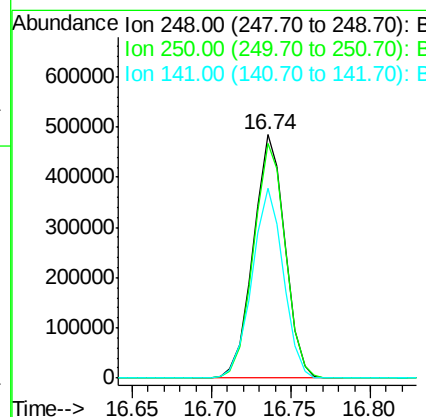
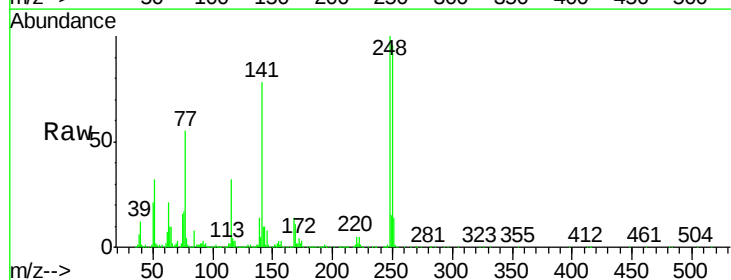
Instrument :
BNA_G
ClientSampled :

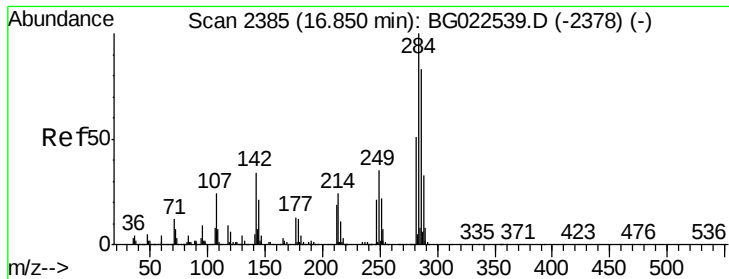
Tot Ion:169 Resp: 1532309
Ion Ratio Lower Upper
169 100
168 73.8 55.0 82.4
167 39.3 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 48.33 ng
RT: 16.74 min Scan# 2365
Delta R.T. 0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion:248 Resp: 670741
Ion Ratio Lower Upper
248 100
250 96.2 77.8 116.8
141 77.9 65.7 98.5

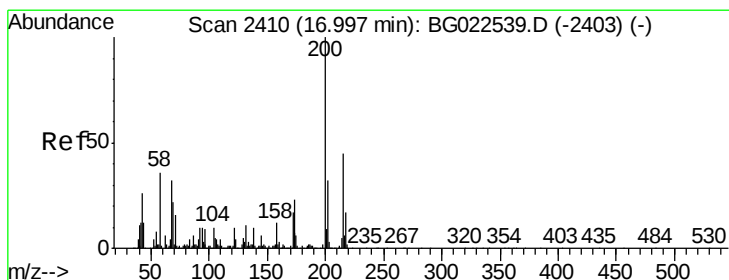
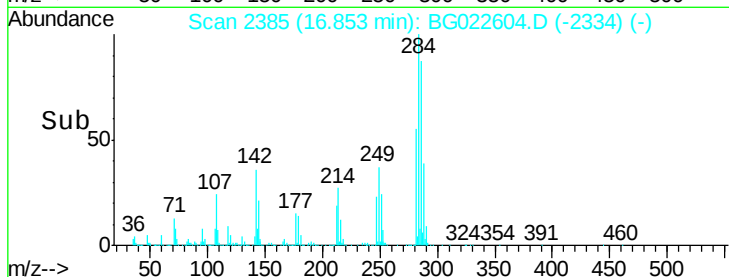
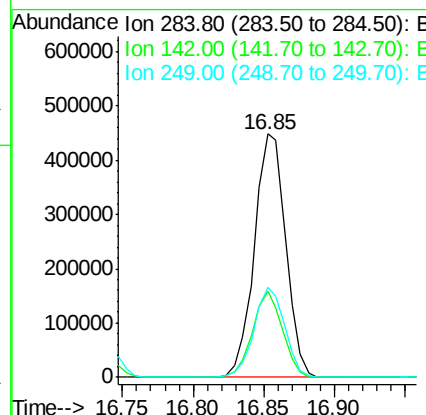
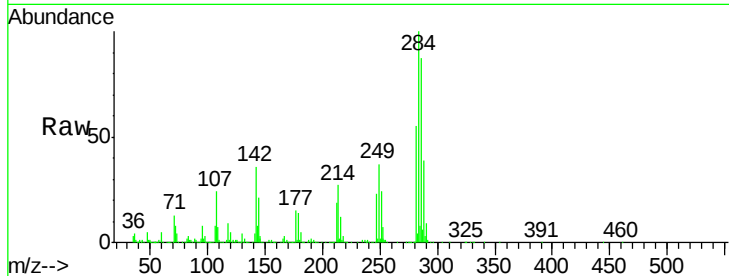




#67
Hexachlorobenzene
Concen: 47.66 ng
RT: 16.85 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

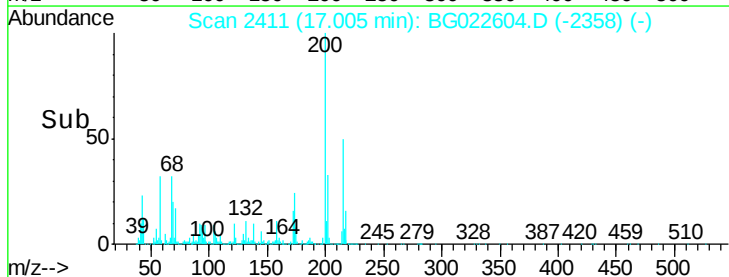
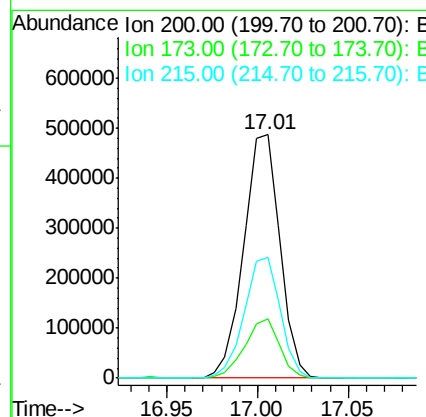
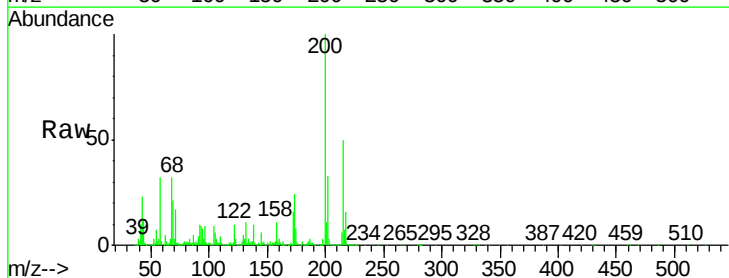
Instrument :
BNA_G
ClientSampleId :

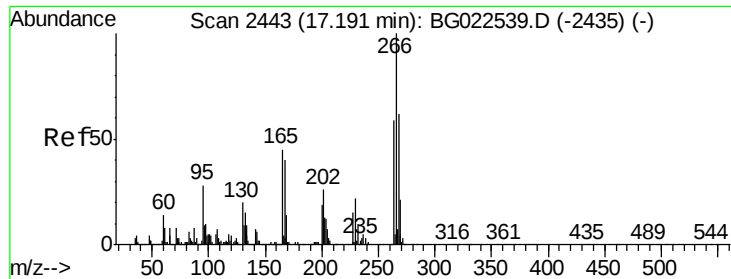
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.6	26.8	40.2
249	37.1	28.9	43.3



#68
Atrazine
Concen: 51.46 ng
RT: 17.01 min Scan# 2411
Delta R.T. 0.01 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.2	1.6	41.6
215	49.6	28.7	68.7

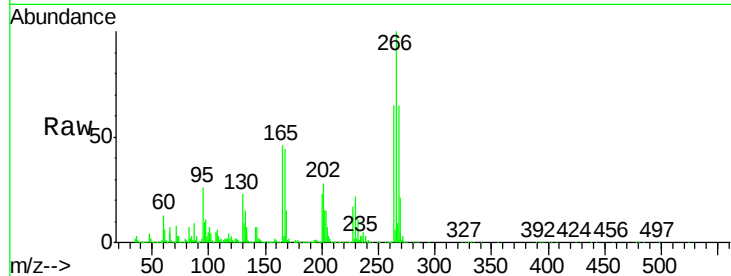




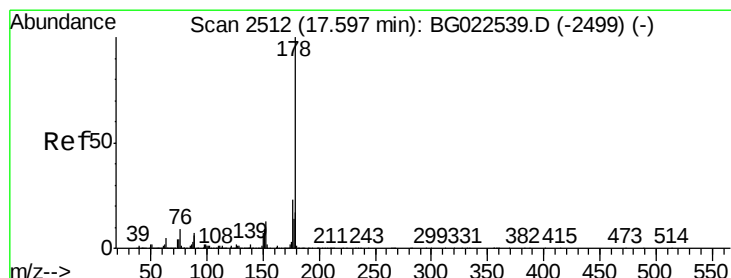
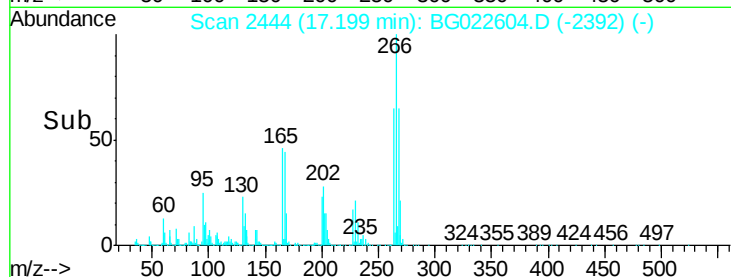
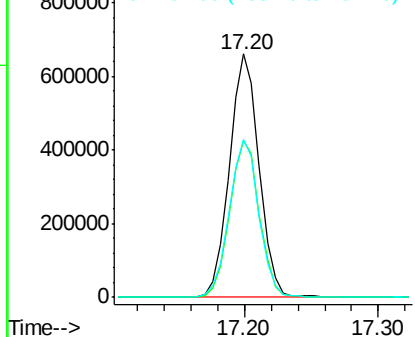
#69
 Pentachlorophenol
 Concen: 101.22 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 1022193
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.9 77.9
 264 64.6 50.6 75.8

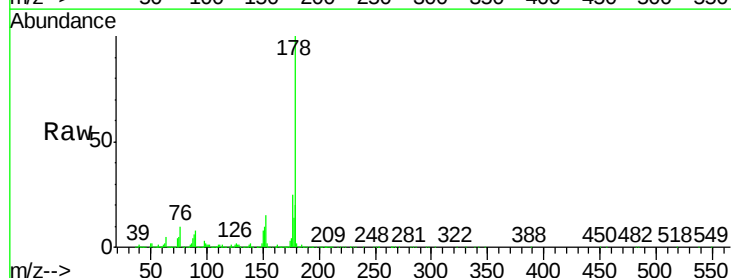


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

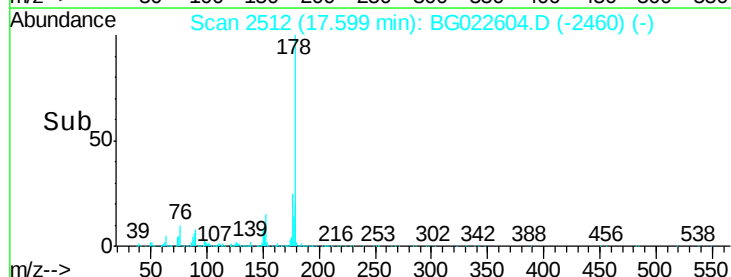
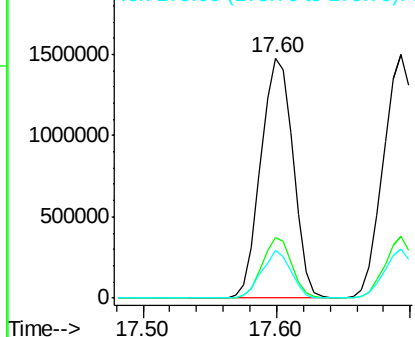


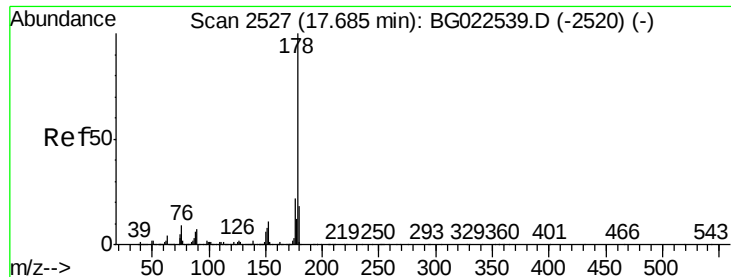
#70
 Phenanthrene
 Concen: 45.44 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

Tgt Ion:178 Resp: 2479117
 Ion Ratio Lower Upper
 178 100
 176 25.3 16.8 25.2#
 179 19.9 14.3 21.5



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

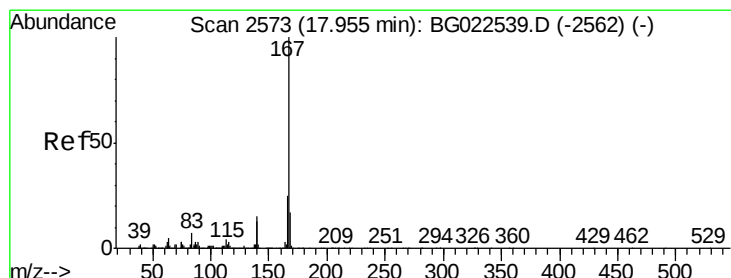
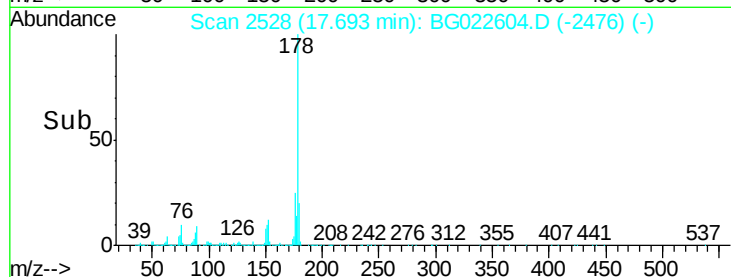
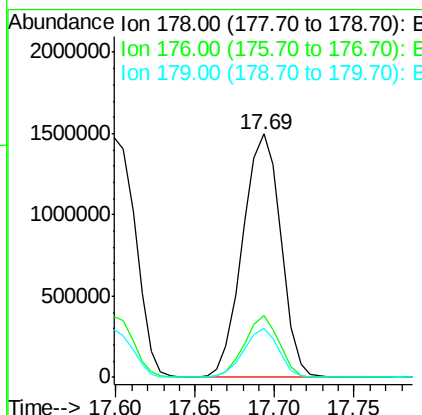
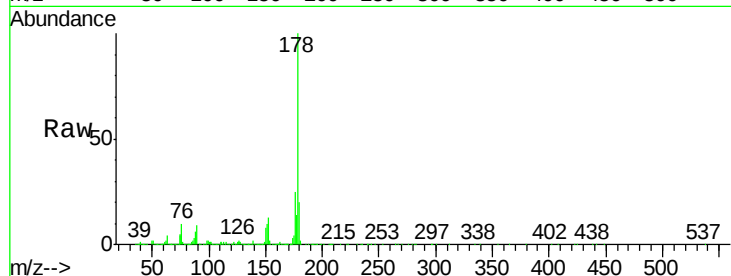




#71
 Anthracene
 Concen: 44.40 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. 0.01 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

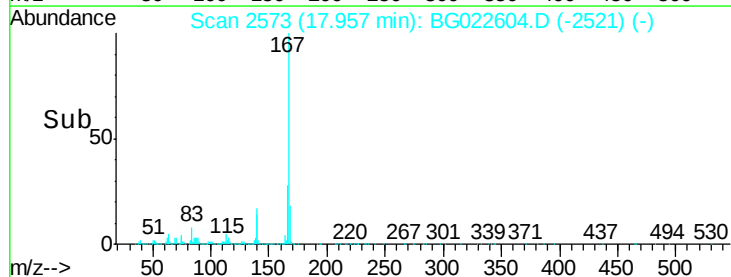
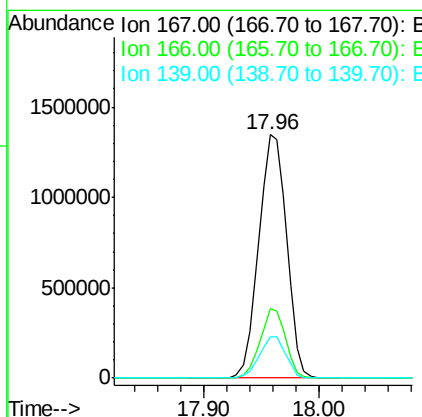
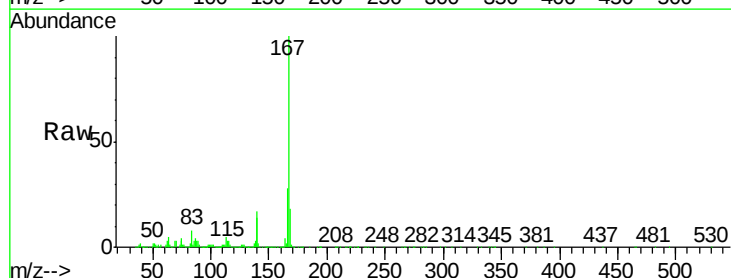
Instrument :
 BNA_G
 ClientSampleId :

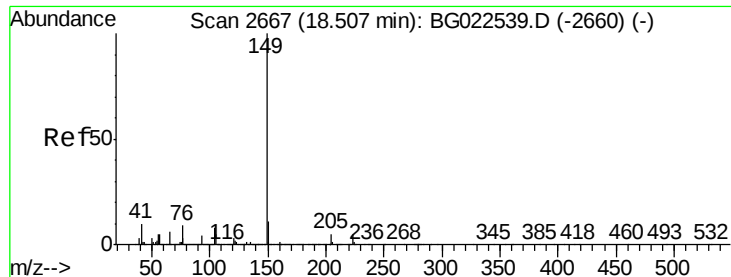
Tot Ion:178 Resp: 2492977
 Ion Ratio Lower Upper
 178 100
 176 25.2 17.3 25.9
 179 20.3 14.0 21.0



#72
 Carbazole
 Concen: 47.84 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. 0.01 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

Tgt Ion:167 Resp: 2277162
 Ion Ratio Lower Upper
 167 100
 166 28.5 20.7 31.1
 139 16.9 11.9 17.9





#73

Di-n-butylphthalate

Concen: 45.66 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

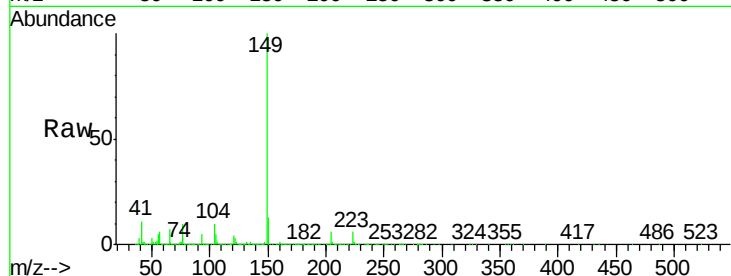
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 2530667

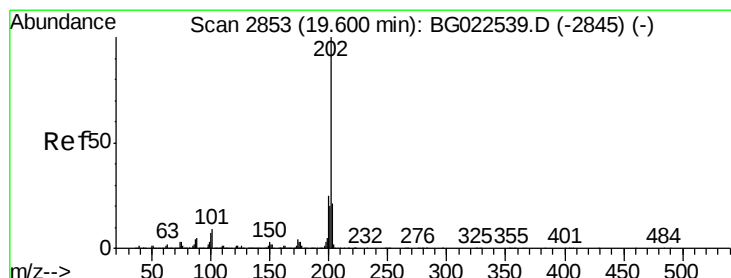
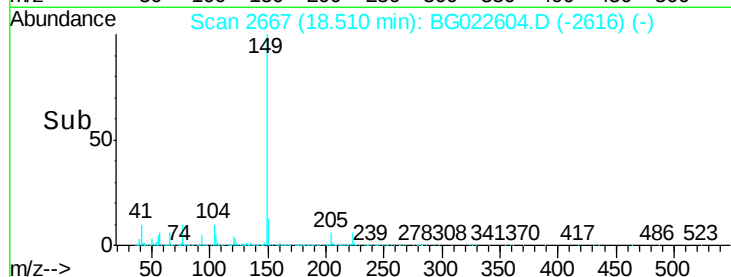
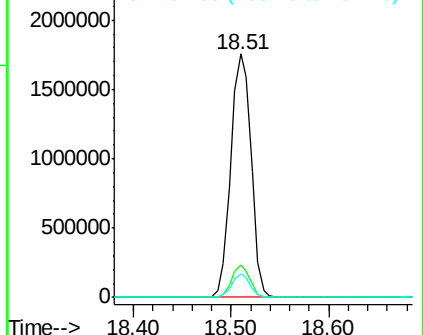
Ion	Ratio	Lower	Upper
149	100		
150	13.1	9.1	13.7
104	9.8	6.9	10.3



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: 44.52 ng

RT: 19.60 min Scan# 2853

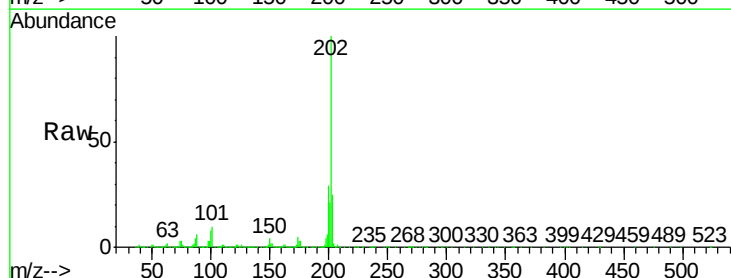
Delta R.T. 0.01 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Tgt Ion:202 Resp: 2798398

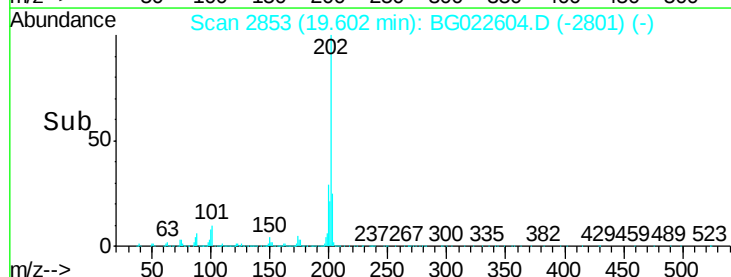
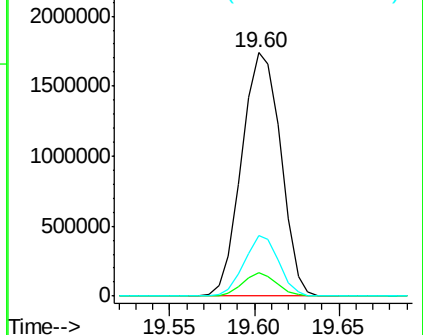
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	27.4
203	24.8	1.7	41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Instrument :

BNA_G

ClientSampled :

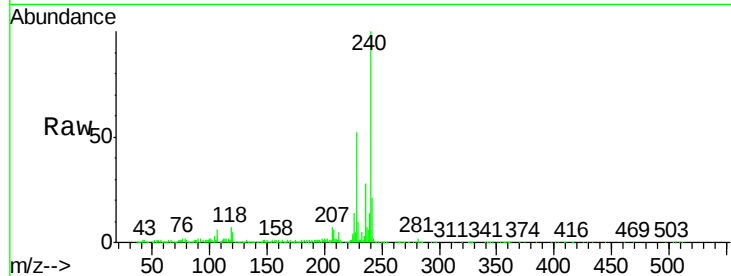
Tot Ion:240 Resp: 1146516

Ion Ratio Lower Upper

240 100

120 5.4 4.1 6.1

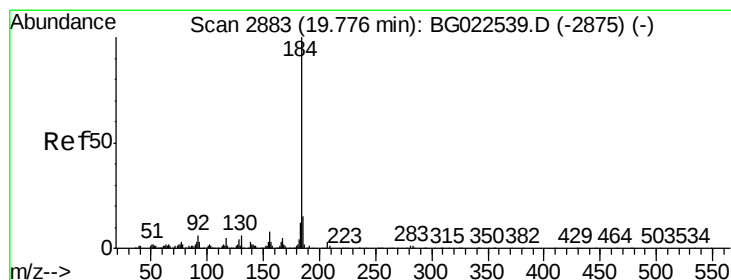
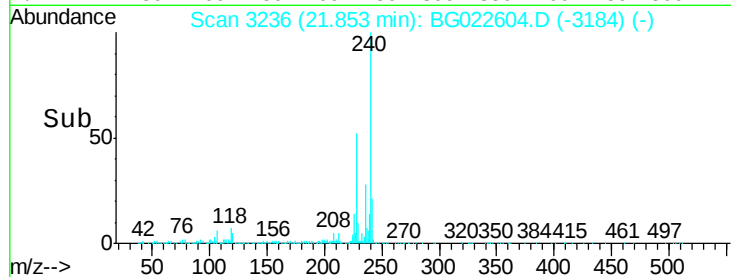
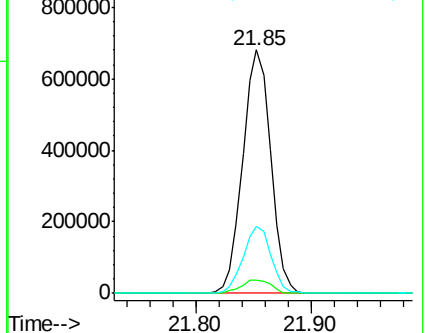
236 27.6 21.1 31.7



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: 109.86 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

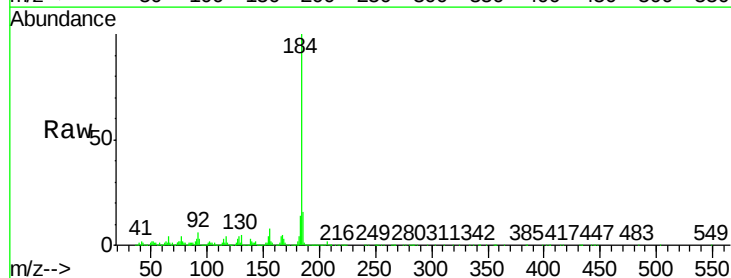
Tgt Ion:184 Resp: 1341063

Ion Ratio Lower Upper

184 100

185 16.0 12.6 19.0

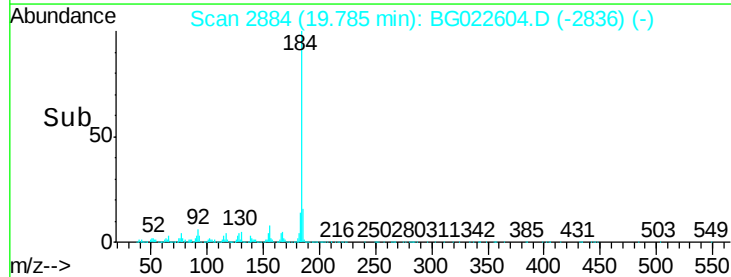
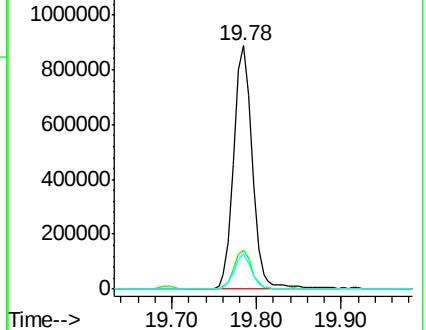
183 14.1 10.7 16.1

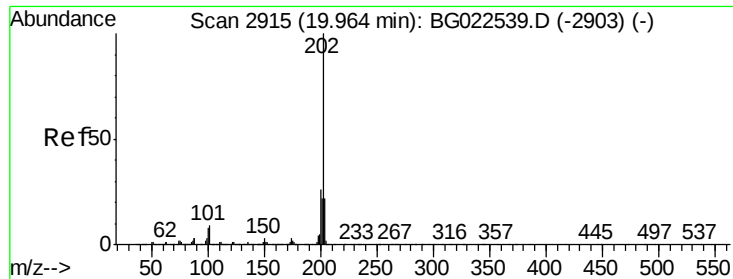


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.79 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

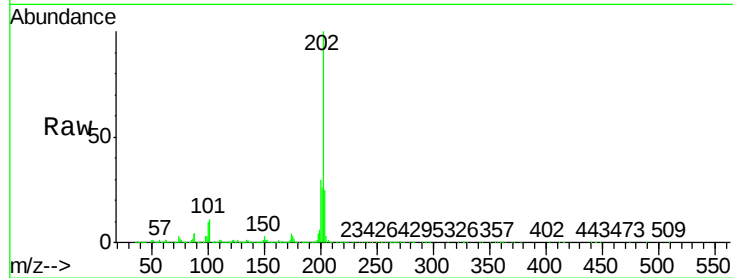
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 2796084

Ion	Ratio	Lower	Upper
202	100		
200	30.5	21.2	31.8
203	24.8	16.8	25.2

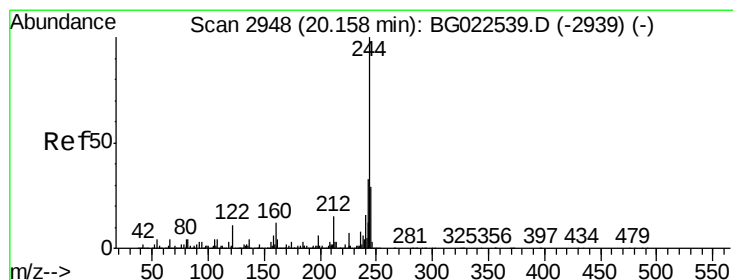
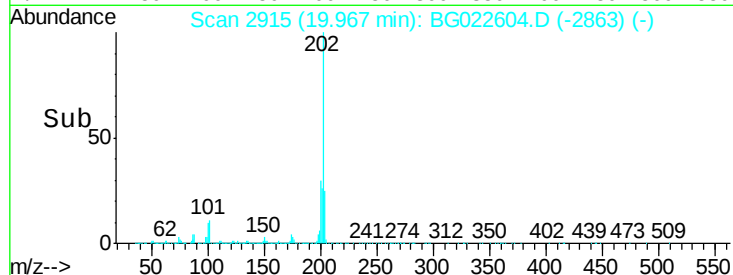
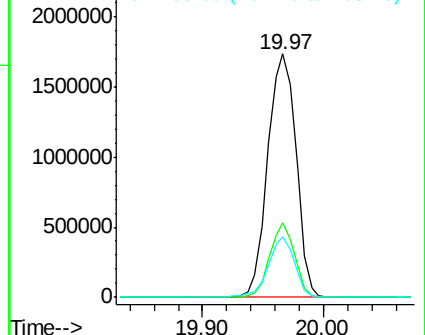


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.69 ng

RT: 20.16 min Scan# 2948

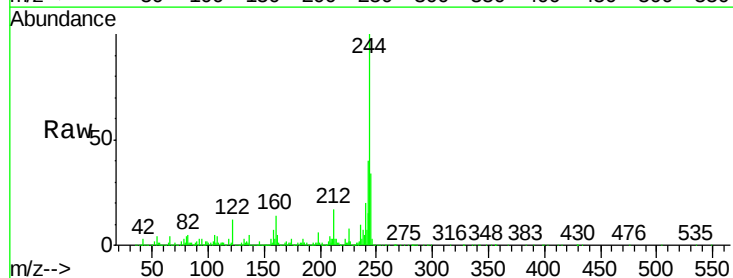
Delta R.T. 0.01 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Tgt Ion:244 Resp: 3361891

Ion	Ratio	Lower	Upper
244	100		
212	16.8	10.8	16.2#
122	11.6	8.0	12.0

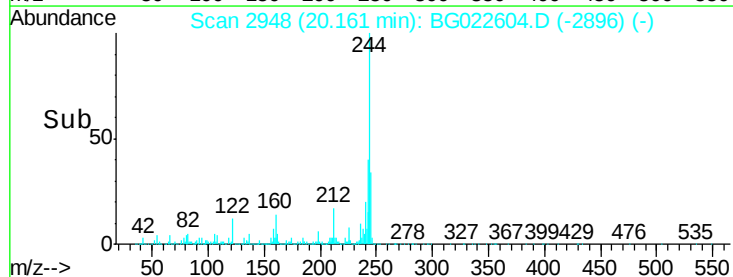
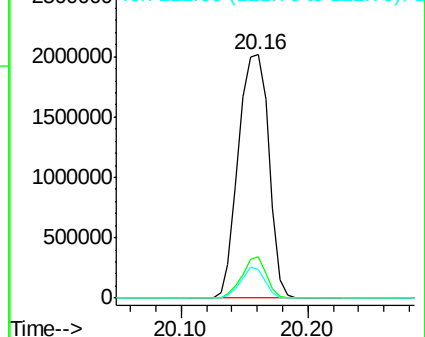


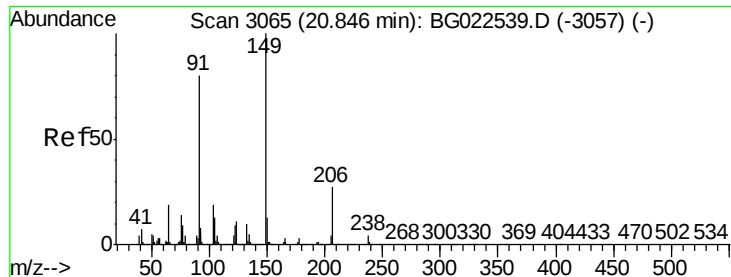
Abundance

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

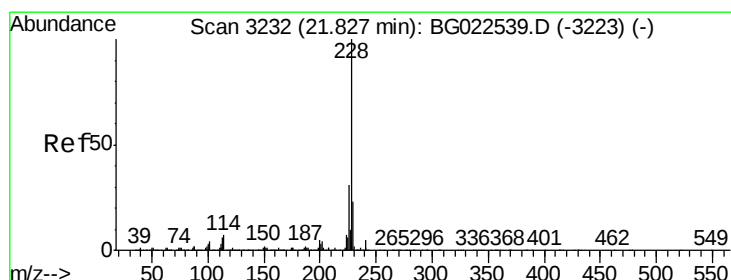
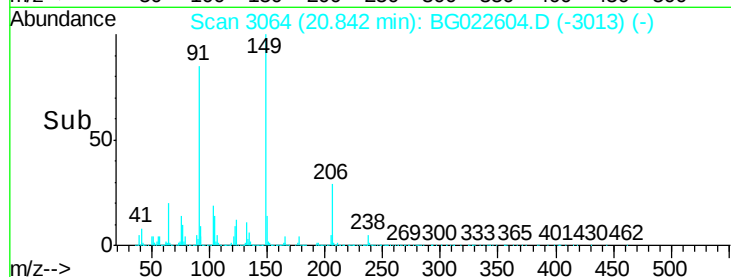
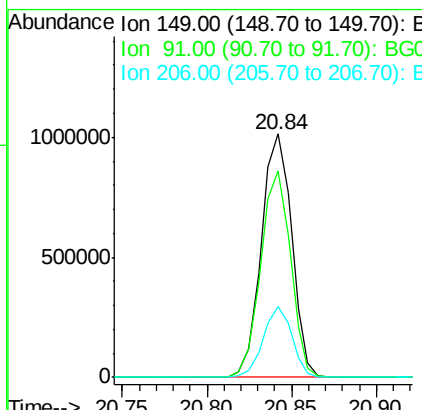
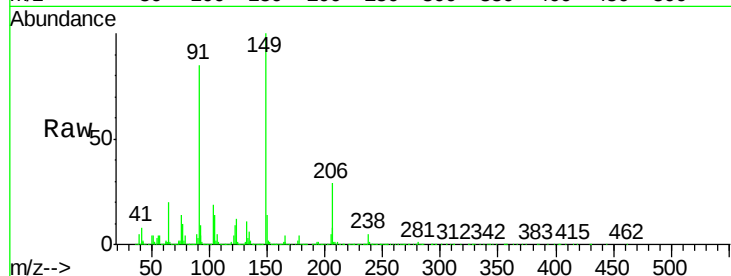




#79
Butylbenzylphthalate
Concen: 47.98 ng
RT: 20.84 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

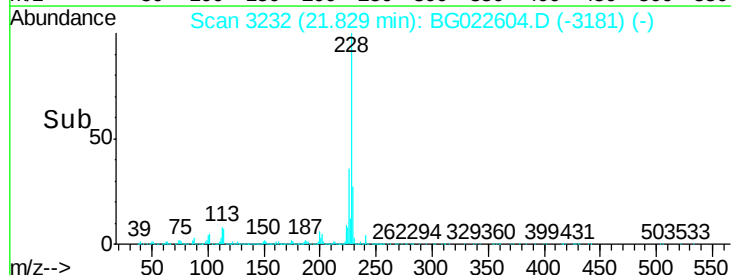
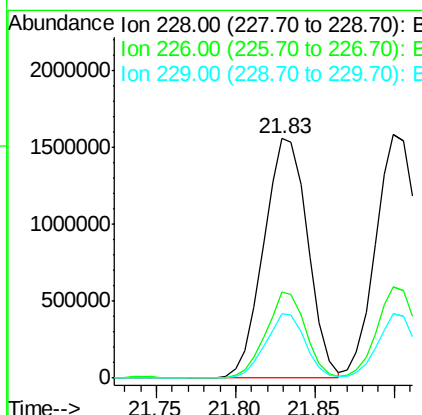
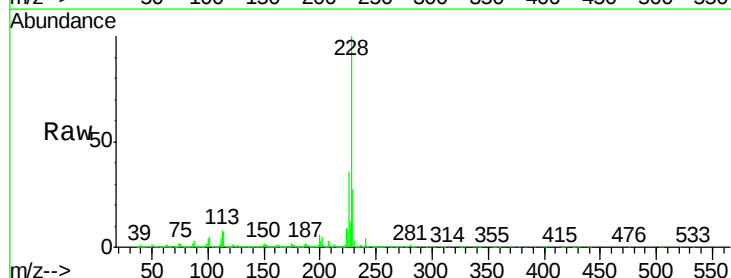
Instrument :
BNA_G
ClientSampled :

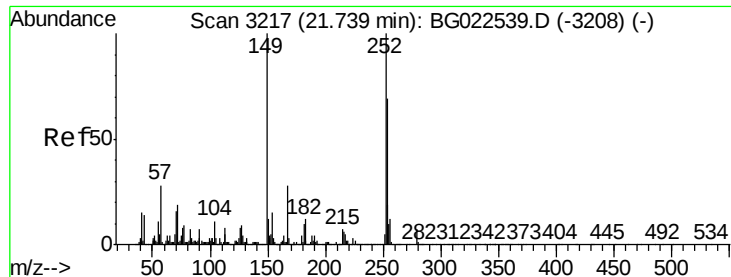
Tot Ion:149 Resp: 1268418
Ion Ratio Lower Upper
149 100
91 84.7 68.1 102.1
206 29.2 19.8 29.6



#80
Benzo(a)anthracene
Concen: 47.25 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion:228 Resp: 2997679
Ion Ratio Lower Upper
228 100
226 36.0 25.3 37.9
229 26.6 19.9 29.9

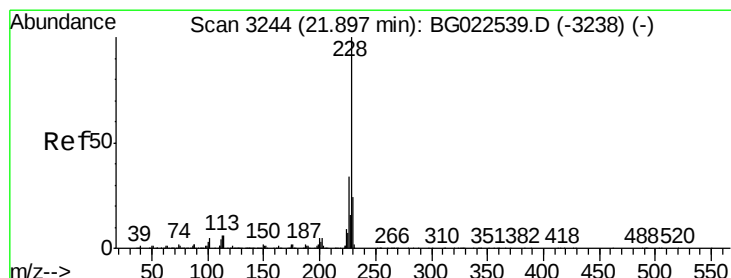
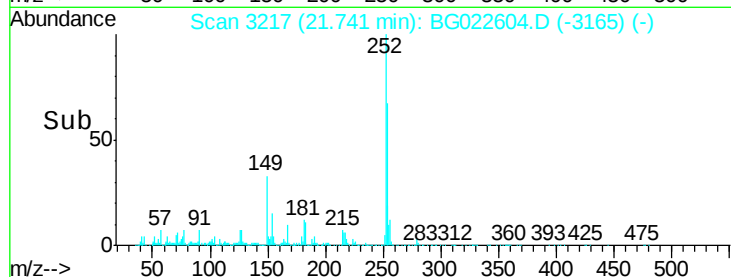
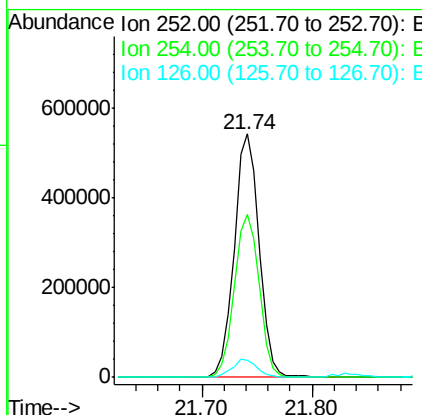
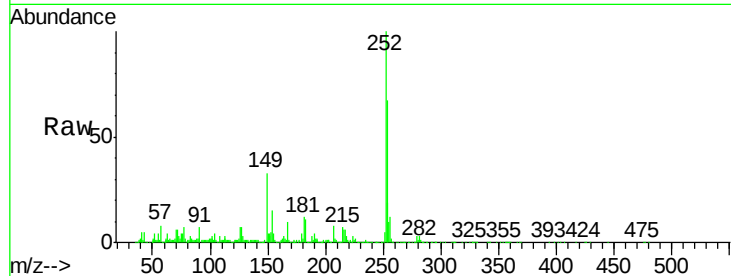




#81
 3,3'-Dichlorobenzidine
 Concen: 32.75 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.01 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

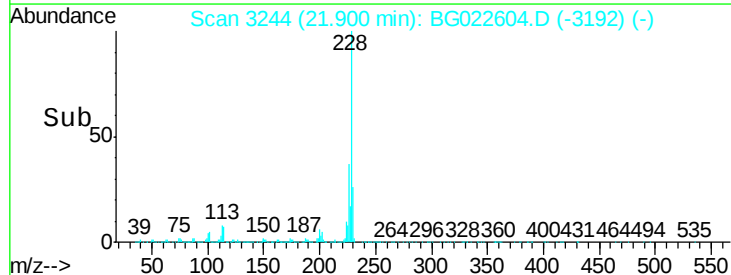
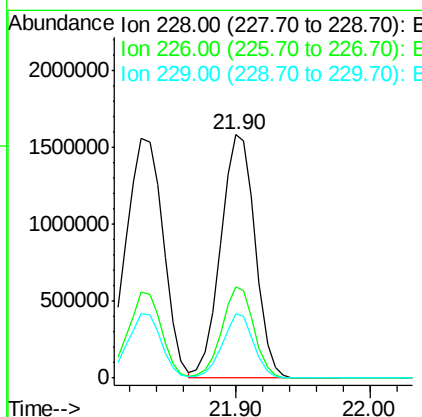
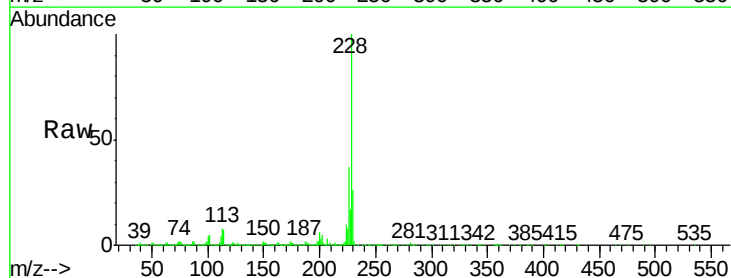
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 858226
 Ion Ratio Lower Upper
 252 100
 254 67.0 51.2 76.8
 126 7.2 5.3 7.9



#82
 Chrysene
 Concen: 47.75 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.01 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

Tgt Ion:228 Resp: 2846820
 Ion Ratio Lower Upper
 228 100
 226 37.3 26.7 40.1
 229 26.4 17.4 26.2#





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.43 ng

RT: 21.72 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

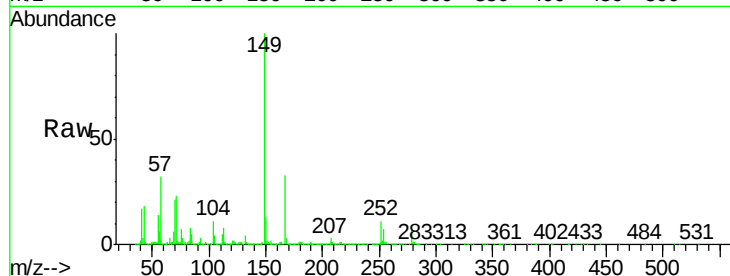
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1802689

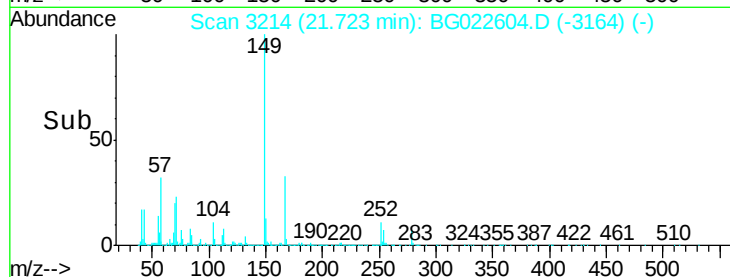
Ion	Ratio	Lower	Upper
149	100		
167	33.1	24.0	36.0
279	7.0	4.8	7.2



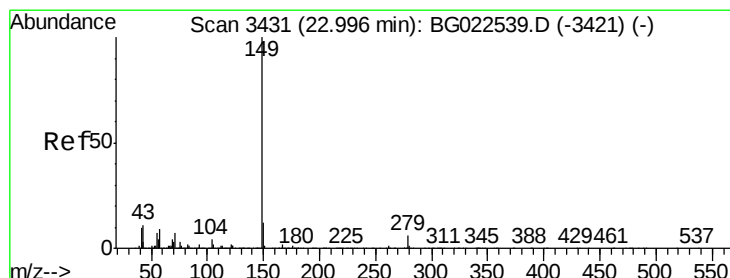
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 47.30 ng

RT: 22.99 min Scan# 3429

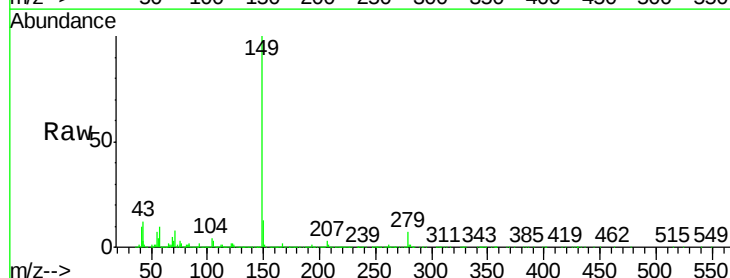
Delta R.T. -0.00 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Tgt Ion:149 Resp: 2902082

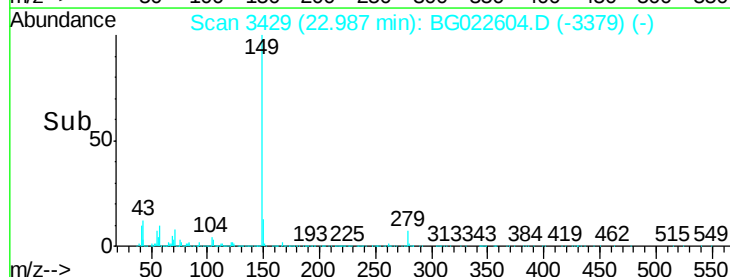
Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.5	2.3
43	10.8	8.8	13.2



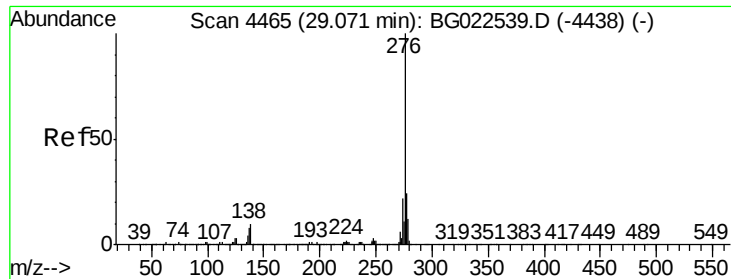
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG



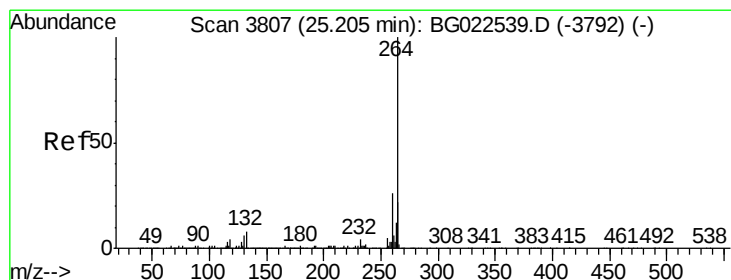
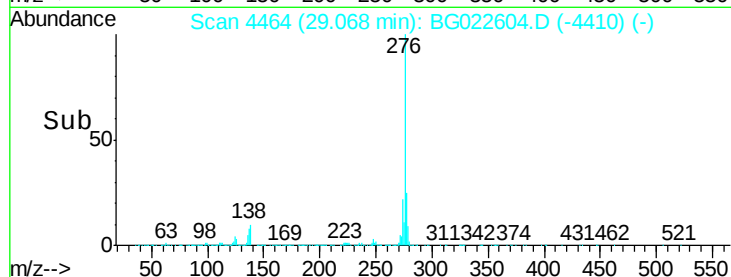
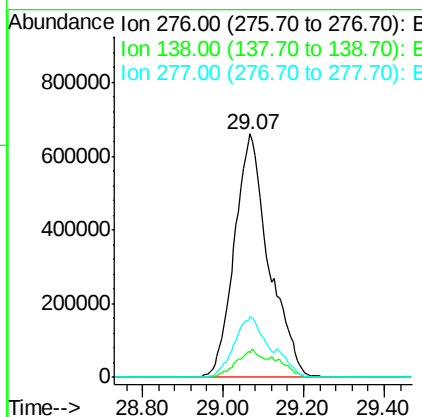
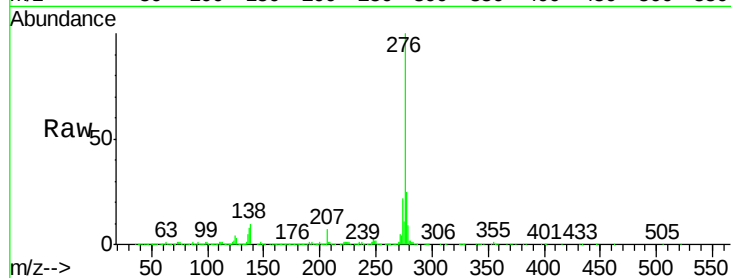
Time-->



#85
Indeno(1,2,3-cd)pyrene
Concen: 50.15 ng
RT: 29.07 min Scan# 4464
Delta R.T. 0.02 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

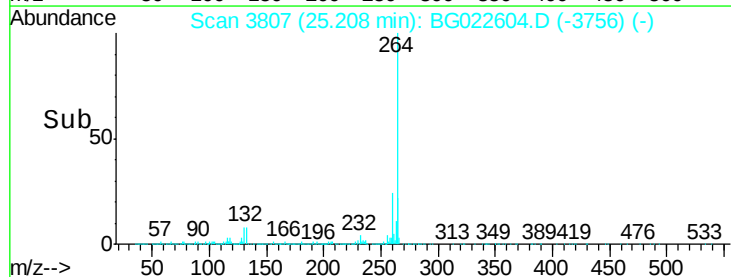
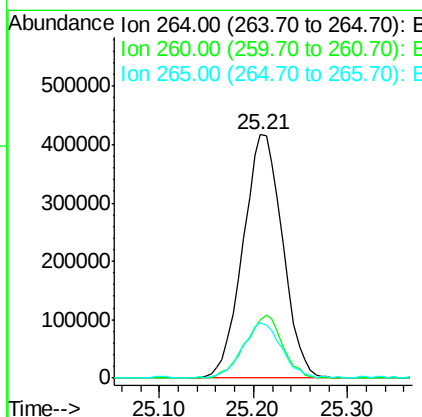
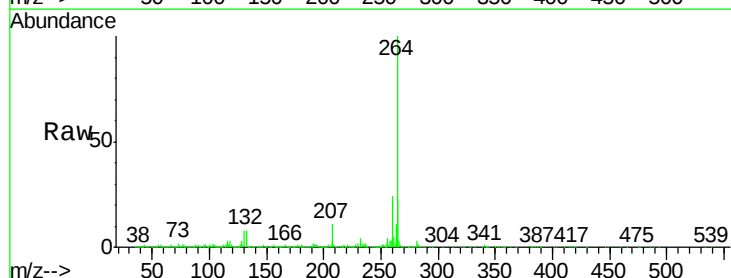
Instrument :
BNA_G
ClientSampleId :

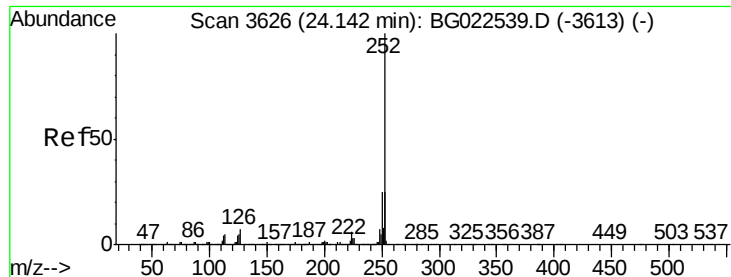
Tot Ion:276 Resp: 3928979
Ion Ratio Lower Upper
276 100
138 8.9 0.0 0.0#
277 21.9 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BG022604.D
Acq: 26 Jun 2016 10:45

Tgt Ion:264 Resp: 1213134
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.6 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 43.61 ng

RT: 24.21 min Scan# 3638

Delta R.T. 0.08 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Instrument :

BNA_G

ClientSampleId :

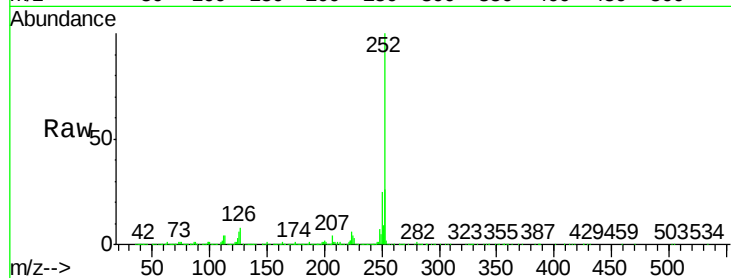
Tot Ion:252 Resp: 3180862

Ion Ratio Lower Upper

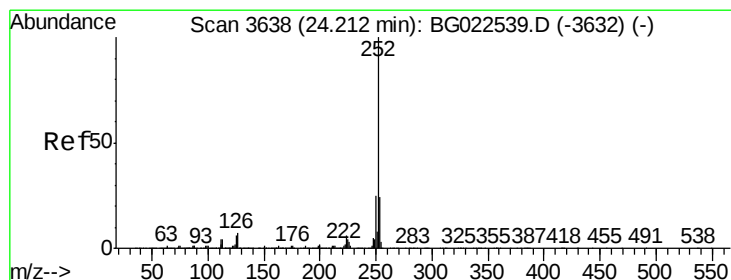
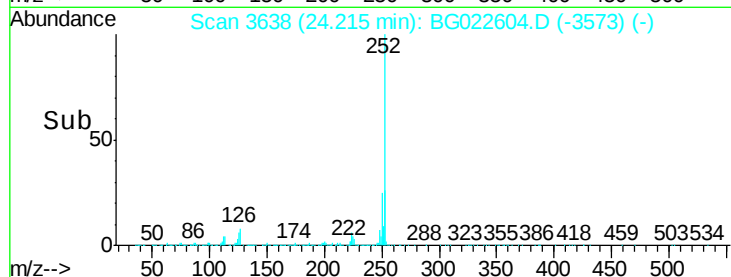
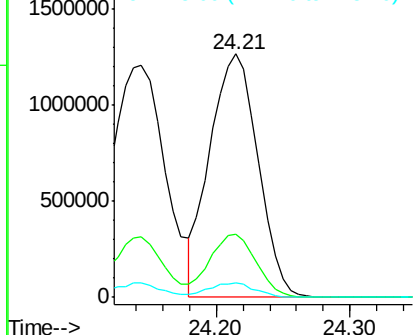
252 100

253 25.8 18.9 28.3

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



#88

Benzo(k)fluoranthene

Concen: 46.13 ng

RT: 24.21 min Scan# 3638

Delta R.T. 0.01 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

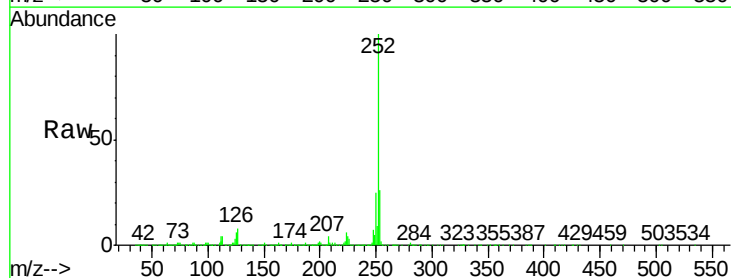
Tgt Ion:252 Resp: 3180862

Ion Ratio Lower Upper

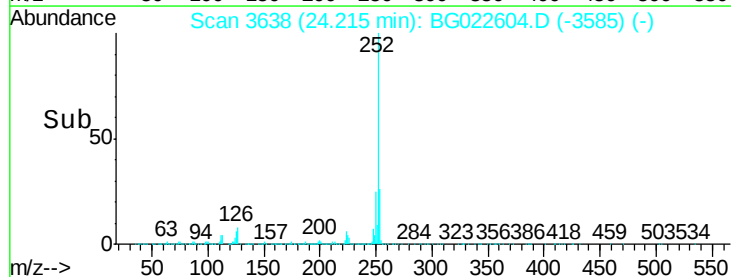
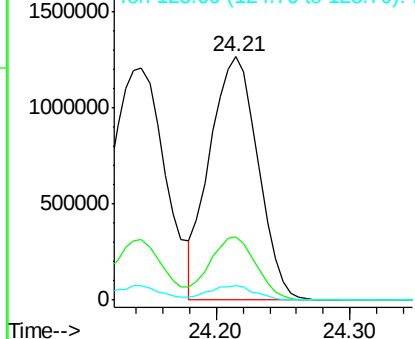
252 100

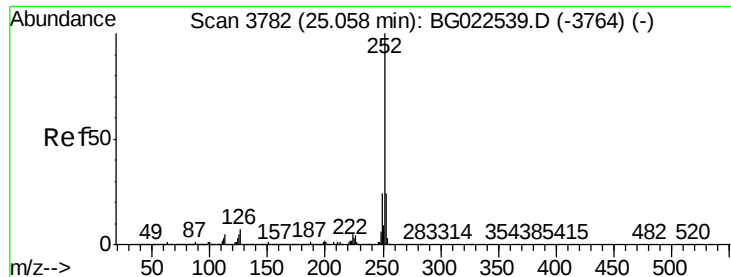
253 25.8 18.8 28.2

125 5.7 3.2 4.8#



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





#89

Benzo(a)pyrene

Concen: 46.95 ng

RT: 25.05 min Scan# 3781

Delta R.T. 0.01 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

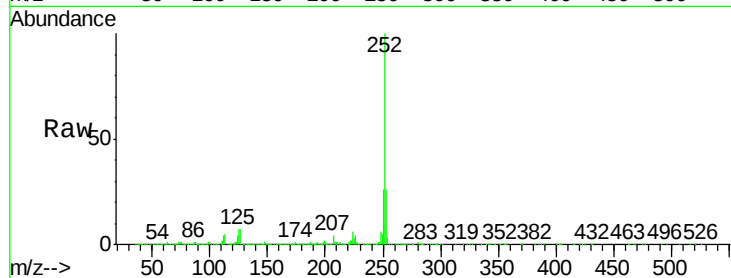
Instrument :

BNA_G

ClientSampled :

Tot Ion:252 Resp: 3339101

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.7	28.1
125	6.8	3.9	5.9

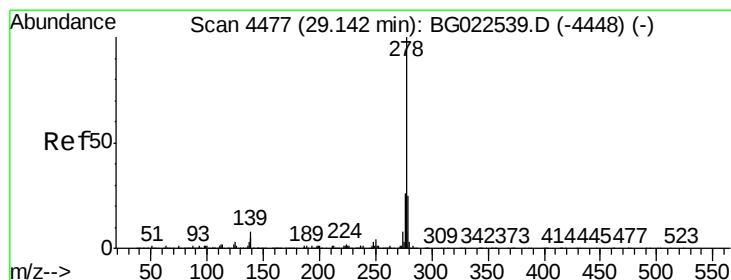
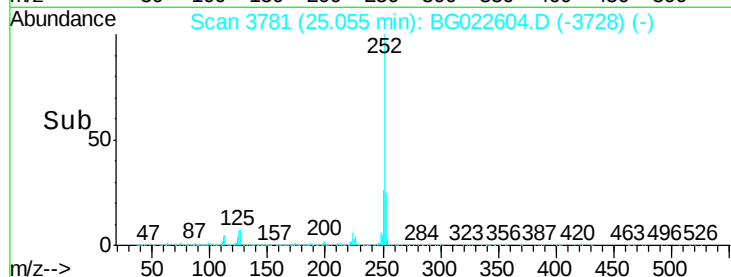
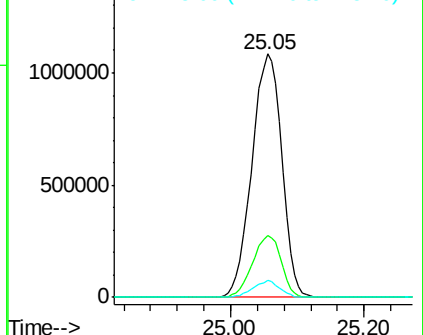


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.66 ng

RT: 29.14 min Scan# 4476

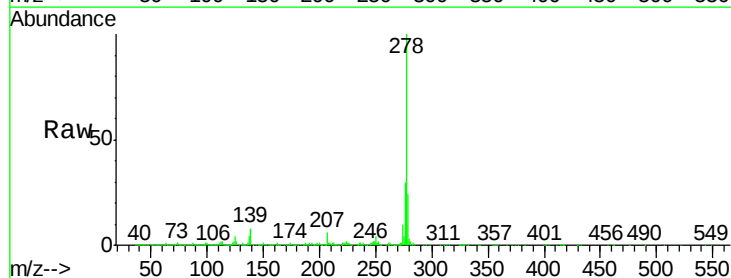
Delta R.T. 0.03 min

Lab File: BG022604.D

Acq: 26 Jun 2016 10:45

Tgt Ion:278 Resp: 3257589

Ion	Ratio	Lower	Upper
278	100		
139	8.2	4.7	7.1
279	24.2	18.3	27.5

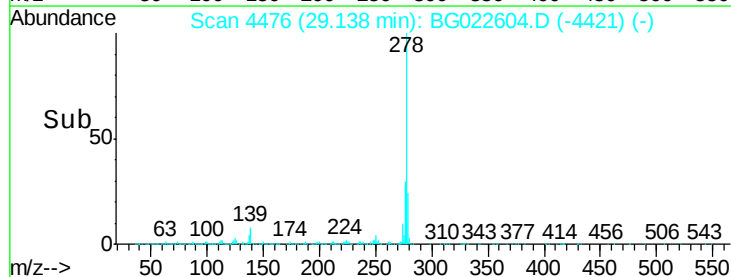
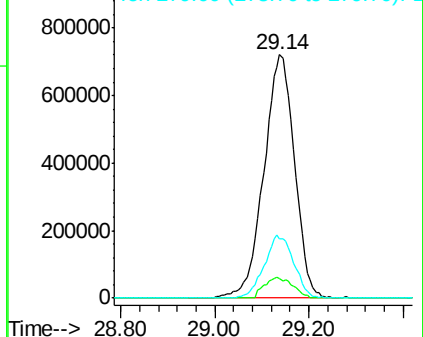


Abundance

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: 48.10 ng
 RT: 30.28 min Scan# 4670
 Delta R.T. 0.03 min
 Lab File: BG022604.D
 Acq: 26 Jun 2016 10:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 3278106

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	27.8
138	10.2	6.8	10.2

