

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070915\
 Data File : BG017805.D
 Acq On : 9 Jul 2015 13:08
 Operator : TP/UM
 Sample : SSTD02040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02040

Quant Time: Jul 10 03:50:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 10 03:48:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	57397	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	283537	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	180920	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	389341	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	409452	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	381440	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	11065	7.67	ng/uL	0.00
5) Phenol-d5	6.77	99	109586	22.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	66275	22.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	90161	21.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	91976	22.60	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	47205	21.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	48637	22.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	84523	20.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	133006	23.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	279356	22.40	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	337832	20.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	58952	23.25	ng/ul	0.00
57) Fluorene-d10	15.25	176	245396	19.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	43542	22.61	ng/ul	0.00
70) Anthracene-d10	17.11	188	372228	20.64	ng/ul	0.00
78) Pyrene-d10	19.41	212	412518	20.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	385271	22.10	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.16	88	11839	8.07	ng/ul 99
4) Benzaldehyde	6.74	77	76096	24.78	ng/ul 100
6) Phenol	6.80	94	119836	22.57	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.03	93	87298	22.30	ng/ul 100
10) 2-Chlorophenol	7.16	128	88241	20.89	ng/ul 100
11) 2-Methylphenol	8.04	108	89755	22.94	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.13	45	134523	22.52	ng/ul 100
14) Acetophenone	8.41	105	139320	23.28	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.40	70	85867	22.65	ng/ul 100
16) 4-Methylphenol	8.36	108	103766	23.42	ng/ul 100
17) Hexachloroethane	8.66	117	36147	20.26	ng/ul 100
20) Nitrobenzene	8.79	77	116504	21.25	ng/ul 100
21) Isophorone	9.31	82	231996	22.32	ng/ul 100
23) 2-Nitrophenol	9.50	139	54415	22.48	ng/ul 100
24) 2,4-Dimethylphenol	9.56	107	113065	21.07	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.80	93	123755	21.25	ng/ul 100
27) 2,4-Dichlorophenol	10.03	162	85180	20.72	ng/ul 100
28) Naphthalene	10.43	128	301576	20.34	ng/ul 100
30) 4-Chloroaniline	10.54	127	134515	24.25	ng/ul 100
31) Hexachlorobutadiene	10.71	225	44989	19.12	ng/ul 100
32) Caprolactam	11.30	113	68883	30.92	ng/ul 100
33) 4-Chloro-3-methylphenol	11.68	107	111254	22.11	ng/ul 100
34) 2-Methylnaphthalene	12.05	142	217475	20.60	ng/ul 100

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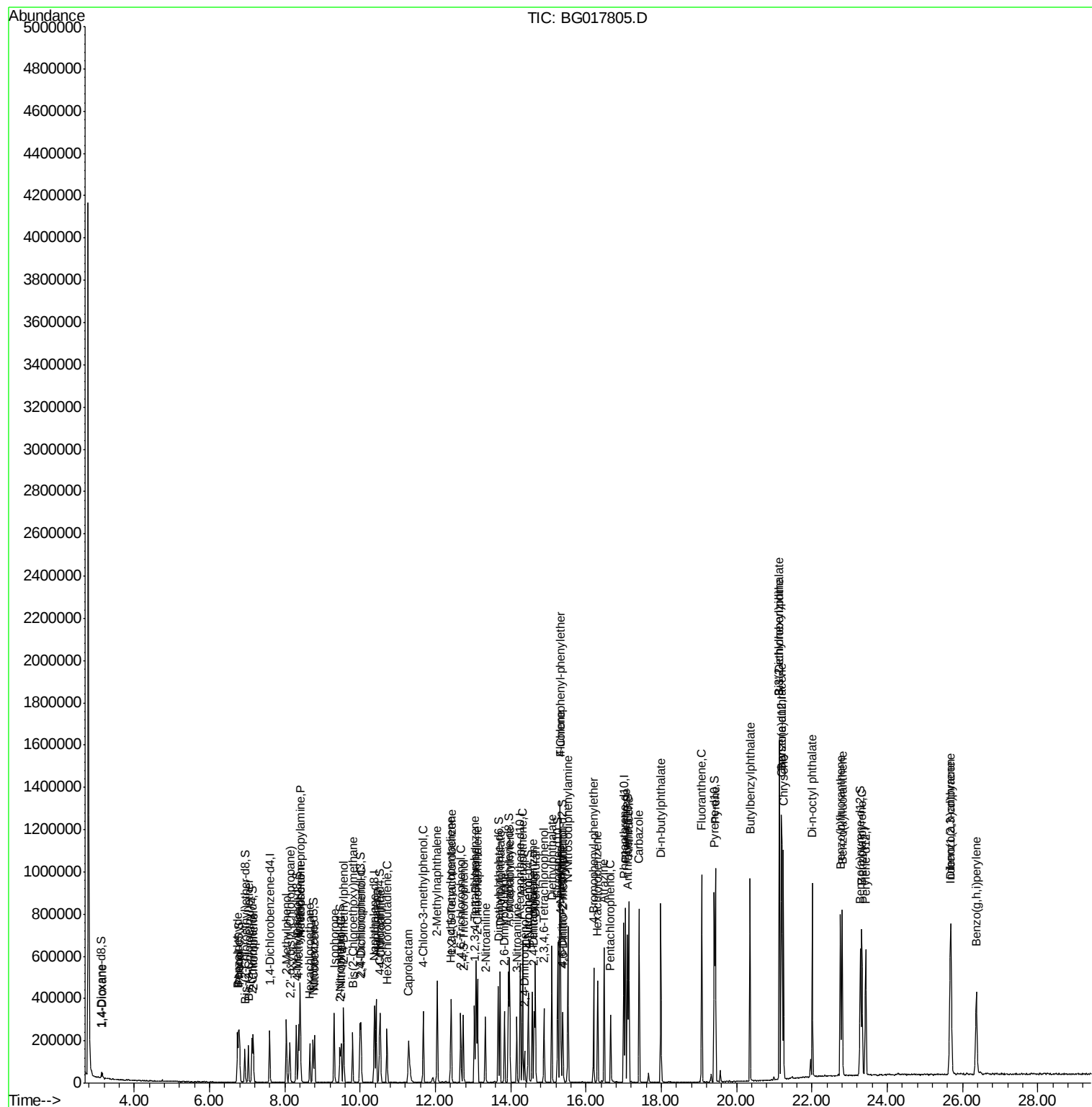
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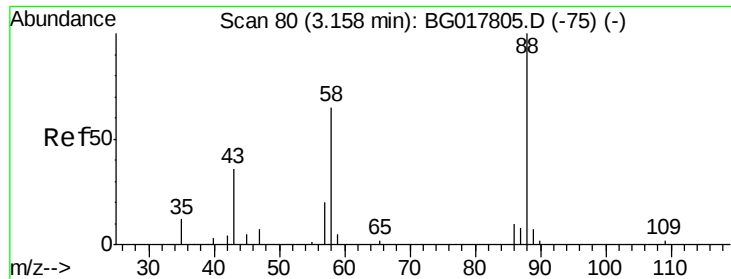
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	92333	19.39	ng/ul	100
37) Hexachlorocyclopentadiene	12.41	237	50733	20.75	ng/ul	100
38) 2,4,6-Trichlorophenol	12.67	196	66321	21.28	ng/ul	100
39) 2,4,5-Trichlorophenol	12.74	196	71486	20.84	ng/ul	100
40) 1,1'-Biphenyl	13.08	154	279785	20.56	ng/ul	100
41) 2-Chloronaphthalene	13.12	162	209719	20.15	ng/ul	100
42) 2-Nitroaniline	13.33	65	78743	21.99	ng/ul	100
44) Dimethylphthalate	13.72	163	284437	20.91	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	60162	21.92	ng/ul	100
47) Acenaphthylene	13.97	152	367530	20.53	ng/ul	100
48) 3-Nitroaniline	14.16	138	72449	22.98	ng/ul	100
49) Acenaphthene	14.32	153	241204	20.10	ng/ul	100
50) 2,4-Dinitrophenol	14.37	184	26761	23.97	ng/ul	100
52) 4-Nitrophenol	14.47	109	48961	24.11	ng/ul	100
53) Dibenzofuran	14.66	168	329301	20.29	ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	84185	21.77	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.88	232	59120	21.32	ng/ul	100
56) Diethylphthalate	15.09	149	308056	20.94	ng/ul	100
58) Fluorene	15.31	166	297983	20.59	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.31	204	134622	20.00	ng/ul	100
60) 4-Nitroaniline	15.33	138	80504	22.32	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.39	198	46366	22.76	ng/ul	100
64) N-Nitrosodiphenylamine	15.52	169	250294	20.77	ng/ul	100
65) 4-Bromophenyl-phenylether	16.20	248	77569	19.86	ng/ul	100
66) Hexachlorobenzene	16.31	284	85696	20.63	ng/ul	100
67) Atrazine	16.48	200	95160	22.95	ng/ul	100
68) Pentachlorophenol	16.66	266	47485	27.42	ng/ul	100
69) Phenanthrene	17.05	178	446284	20.68	ng/ul	100
71) Anthracene	17.14	178	464399	20.86	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.04	216	93253	20.08	ng/uL	100
73) Pentachlorobenzene	14.57	250	95064	20.01	ng/uL	100
74) Carbazole	17.41	167	441859	23.69	ng/ul	100
75) Di-n-butylphthalate	17.99	149	562312	21.85	ng/ul	100
76) Fluoranthene	19.07	202	508631	24.23	ng/ul	100
79) Pyrene	19.44	202	530337	20.96	ng/ul	100
80) Butylbenzylphthalate	20.36	149	247429	21.29	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.13	252	166098	23.00	ng/ul	100
82) Benzo(a)anthracene	21.19	228	476717	20.88	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	336739	20.85	ng/ul	100
84) Chrysene	21.24	228	444916	20.60	ng/ul	100
86) Di-n-octyl phthalate	22.01	149	559679	24.11	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	448946	20.35	ng/ul	100
88) Benzo(k)fluoranthene	22.81	252	434052	20.66	ng/ul	100
90) Benzo(a)pyrene	23.33	252	433741	20.56	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.68	276	478597	20.75	ng/ul	100
92) Dibenzo(a,h)anthracene	25.70	278	415446	21.15	ng/ul	100
93) Benzo(g,h,i)perylene	26.37	276	399590	20.66	ng/ul	100

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

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#2

1,4-Dioxane

Concen: 8.07 ng/uL

RT: 3.16 min Scan# 80

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampleId :

SSTD02040

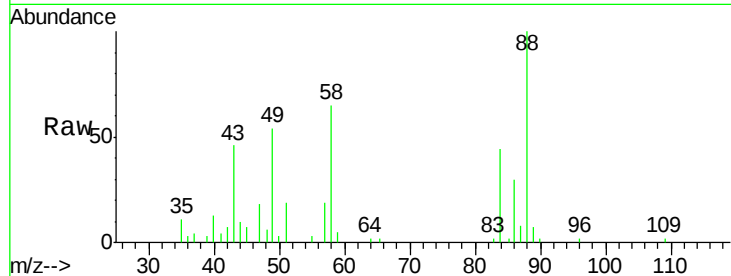
Tgt Ion: 88 Resp: 11839

Ion Ratio Lower Upper

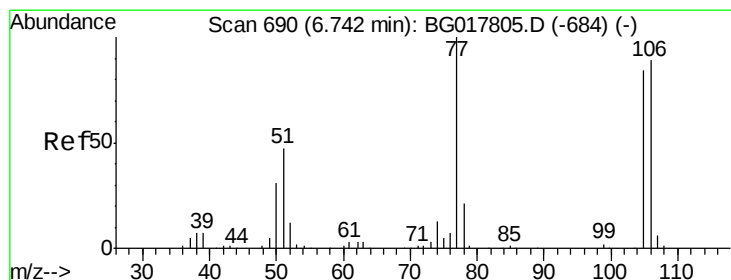
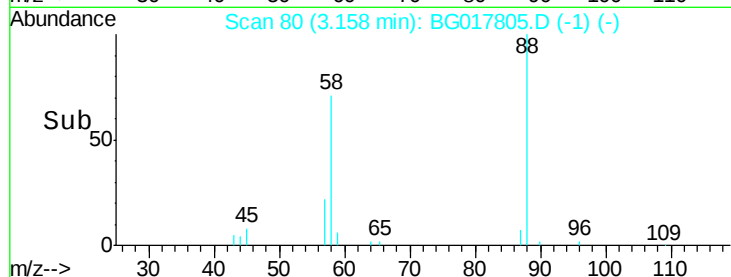
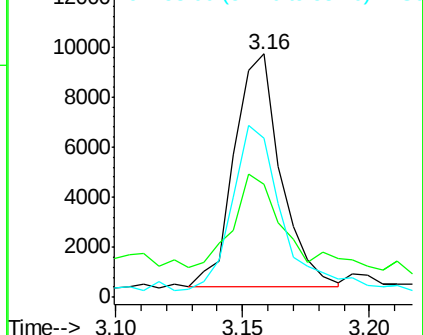
88 100

43 38.6 30.9 46.3

58 78.6 61.4 92.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 43.00 (42.70 to 43.70): BGC
Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 24.78 ng/uL

RT: 6.74 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

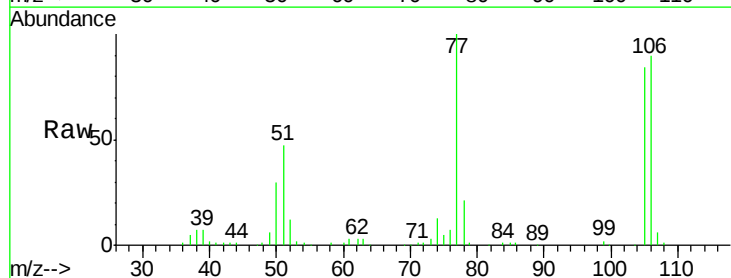
Tgt Ion: 77 Resp: 76096

Ion Ratio Lower Upper

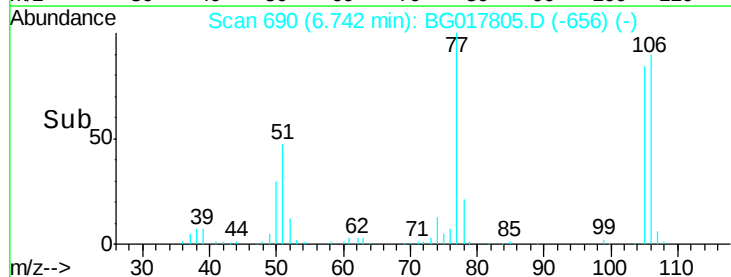
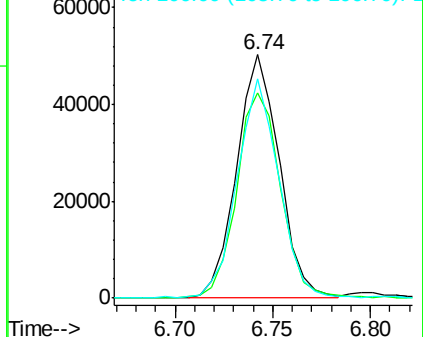
77 100

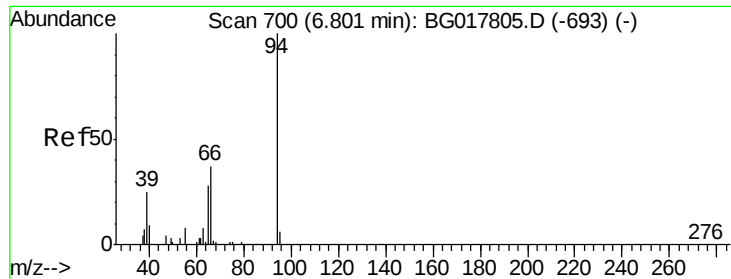
105 84.4 67.5 101.3

106 90.1 72.1 108.1



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





#6

Phenol

Concen: 22.57 ng/ul

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampleId :

SSTD02040

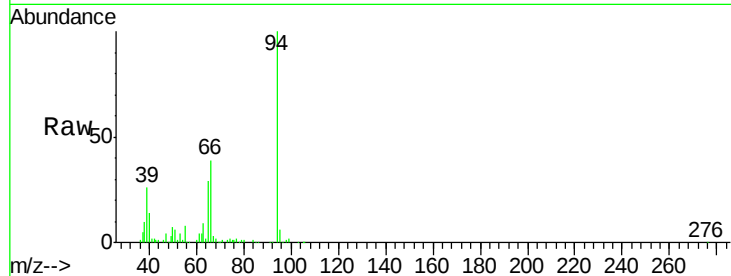
Tgt Ion: 94 Resp: 119836

Ion Ratio Lower Upper

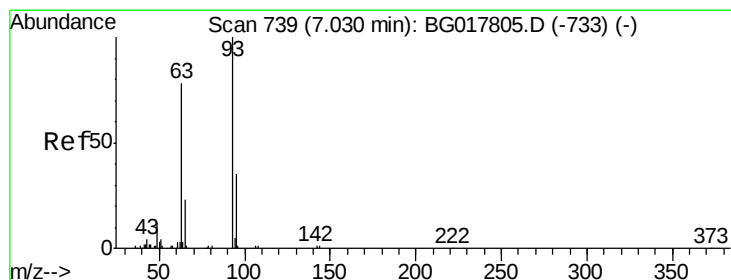
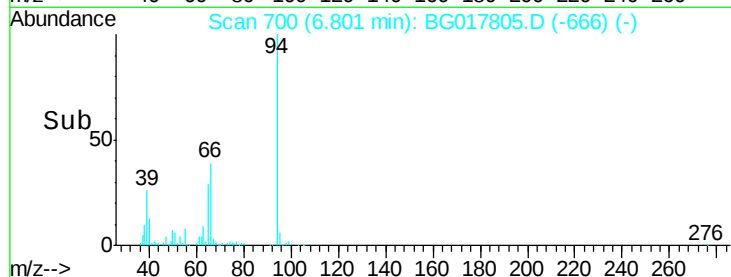
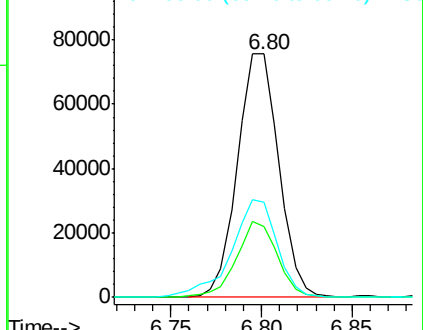
94 100

65 28.9 23.1 34.7

66 39.3 31.4 47.2



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



#8

Bis(2-Chloroethyl)ether

Concen: 22.30 ng/ul

RT: 7.03 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

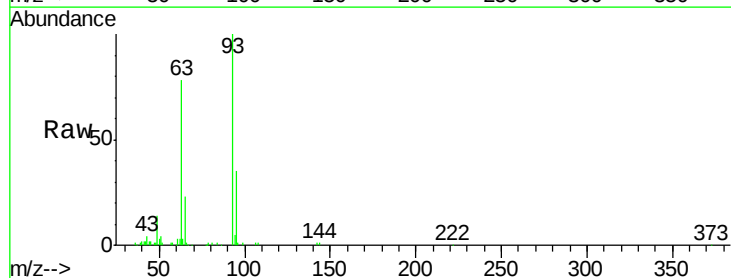
Tgt Ion: 93 Resp: 87298

Ion Ratio Lower Upper

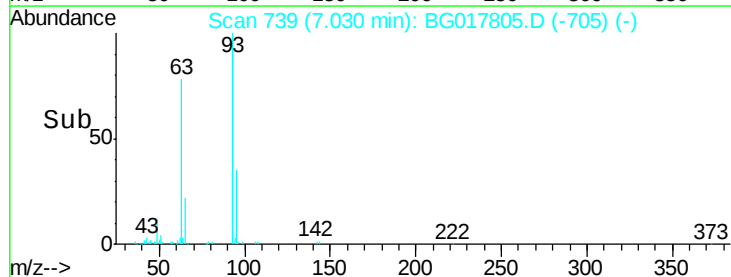
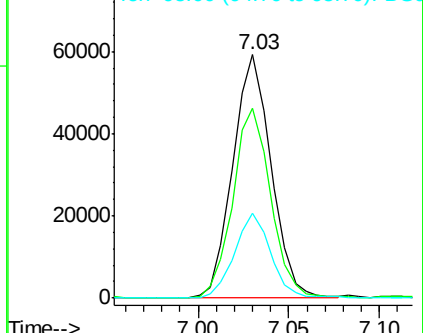
93 100

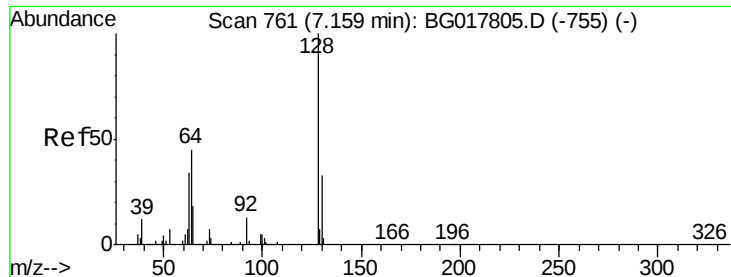
63 77.8 62.2 93.4

95 34.9 27.9 41.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

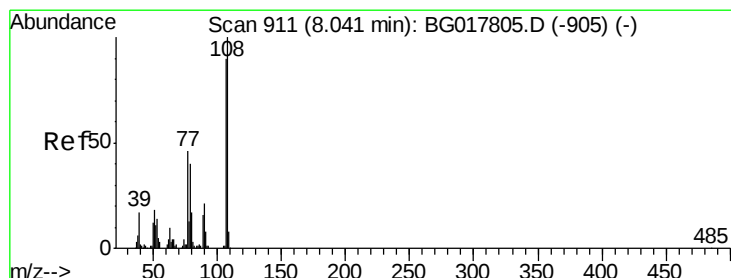
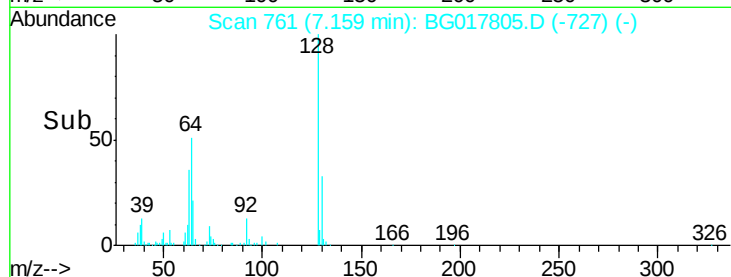
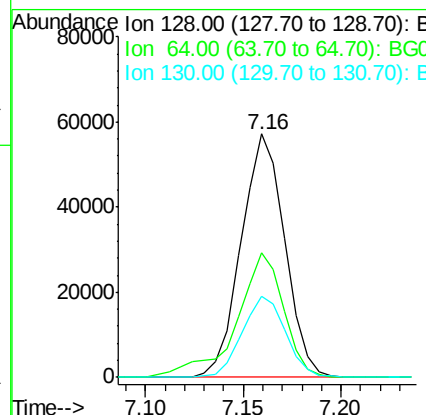
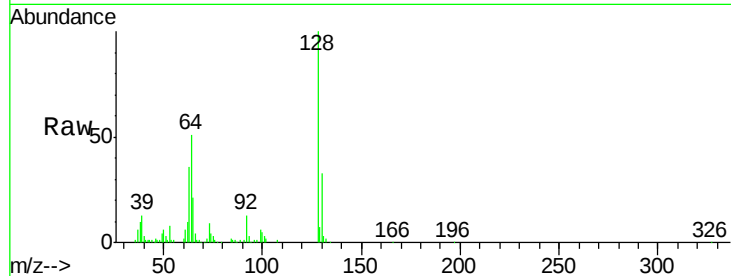




#10
2-Chlorophenol
Concen: 20.89 ng/ul
RT: 7.16 min Scan# 761
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

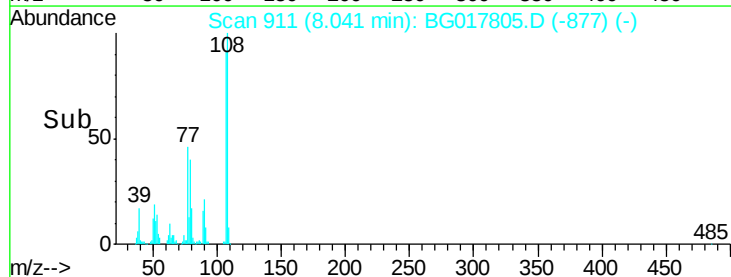
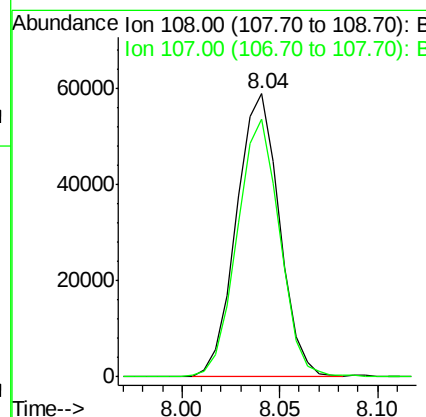
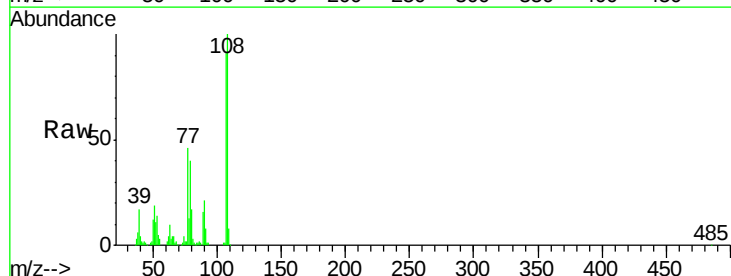
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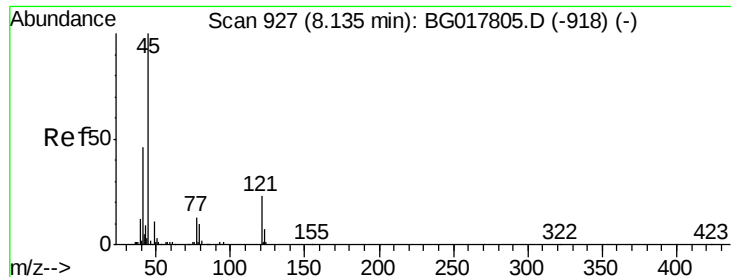
Tgt Ion:128 Resp: 88241
Ion Ratio Lower Upper
128 100
64 51.1 40.9 61.3
130 33.4 26.7 40.1



#11
2-Methylphenol
Concen: 22.94 ng/ul
RT: 8.04 min Scan# 911
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

Tgt Ion:108 Resp: 89755
Ion Ratio Lower Upper
108 100
107 90.9 72.7 109.1

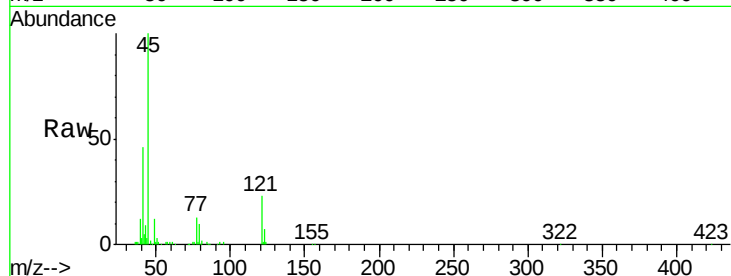




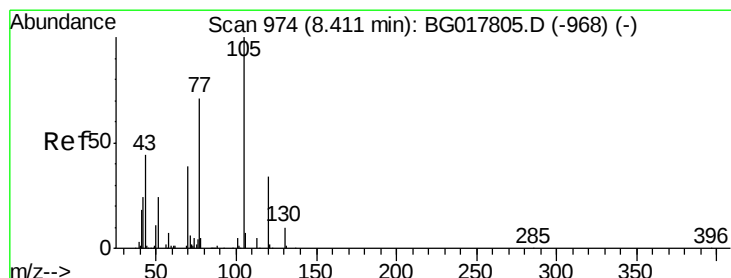
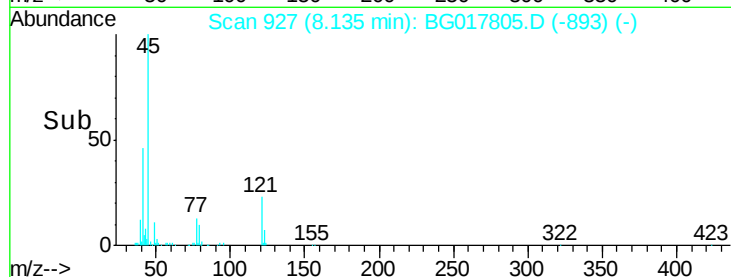
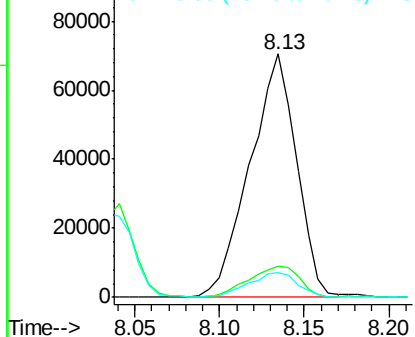
#12
2,2'-oxybis(1-Chloropropane)
Concen: 22.52 ng/ul
RT: 8.13 min Scan# 927
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

Instrument :
BNA_G
ClientSampleId :
SSTD02040

Tgt Ion: 45 Resp: 134523
Ion Ratio Lower Upper
45 100
77 12.9 10.3 15.5
79 9.9 7.9 11.9

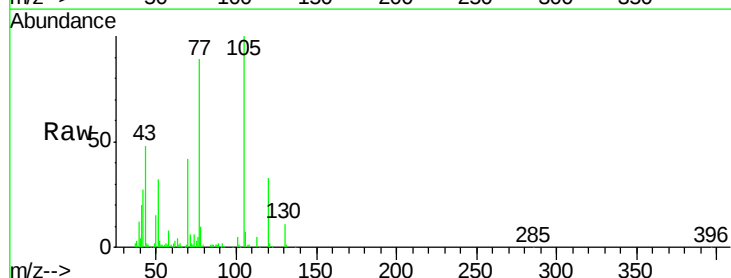


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

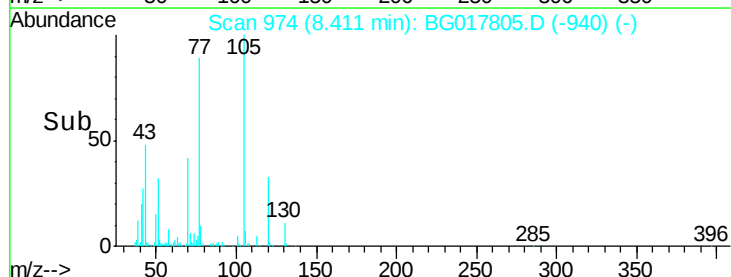
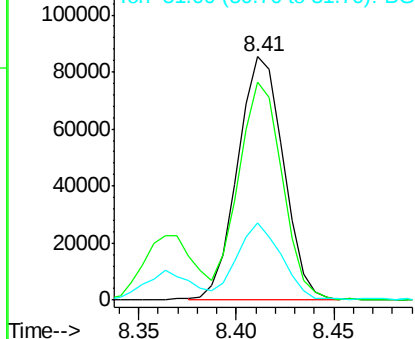


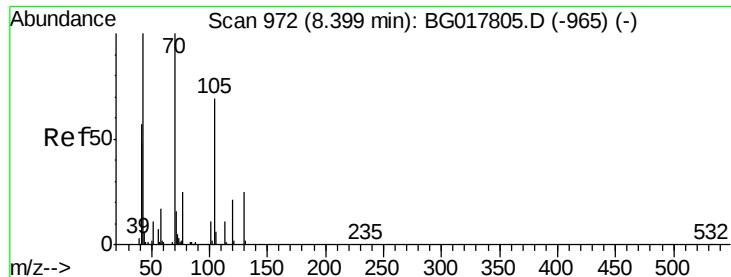
#14
Acetophenone
Concen: 23.28 ng/ul
RT: 8.41 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

Tgt Ion: 105 Resp: 139320
Ion Ratio Lower Upper
105 100
77 89.3 71.4 107.2
51 31.5 25.2 37.8



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC





#15

N-Nitroso-di-n-propylamine

Concen: 22.65 ng/ul

RT: 8.40 min Scan# 972

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampleId :

SSTD02040

Tgt Ion: 70 Resp: 85867

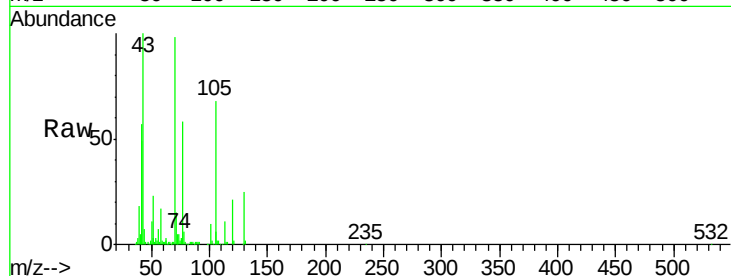
Ion Ratio Lower Upper

70 100

42 58.2 46.6 69.8

101 10.6 8.5 12.7

130 25.4 20.3 30.5

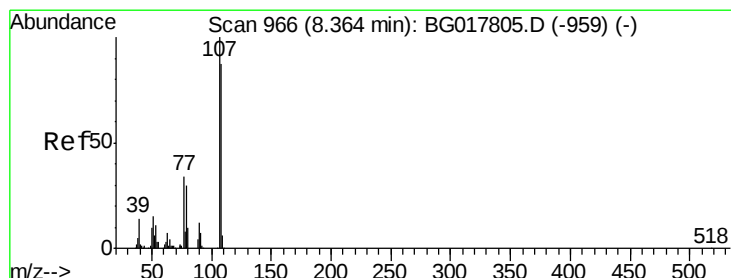
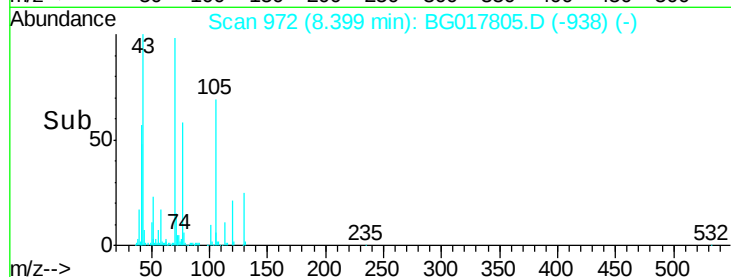
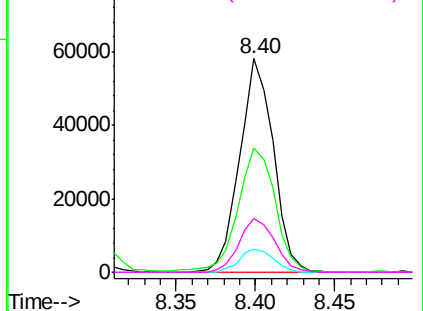


Abundance Ion 70.00 (69.70 to 70.70): BG017805.D (-965) (-)

Ion 42.00 (41.70 to 42.70): BG017805.D (-965) (-)

Ion 101.00 (100.70 to 101.70): BG017805.D (-965) (-)

Ion 130.00 (129.70 to 130.70): BG017805.D (-965) (-)



#16

4-Methylphenol

Concen: 23.42 ng/ul

RT: 8.36 min Scan# 966

Delta R.T. 0.00 min

Lab File: BG017805.D

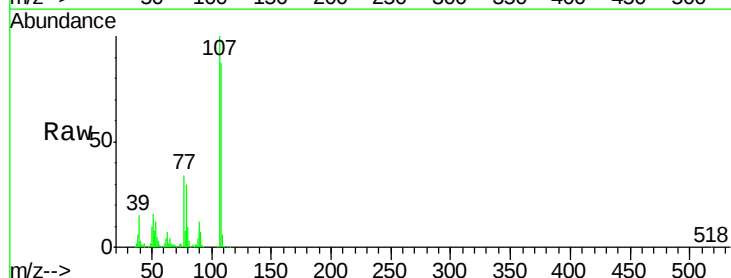
Acq: 9 Jul 2015 13:08

Tgt Ion: 108 Resp: 103766

Ion Ratio Lower Upper

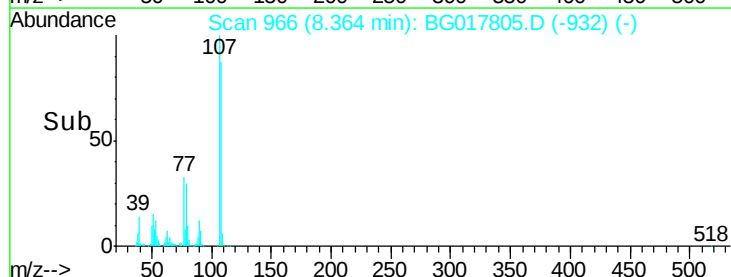
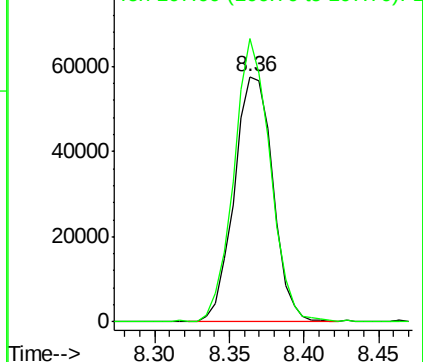
108 100

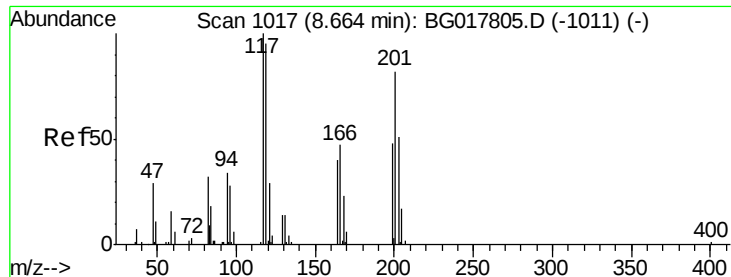
107 115.4 92.3 138.5



Abundance Ion 108.00 (107.70 to 108.70): BG017805.D (-959) (-)

Ion 107.00 (106.70 to 107.70): BG017805.D (-959) (-)

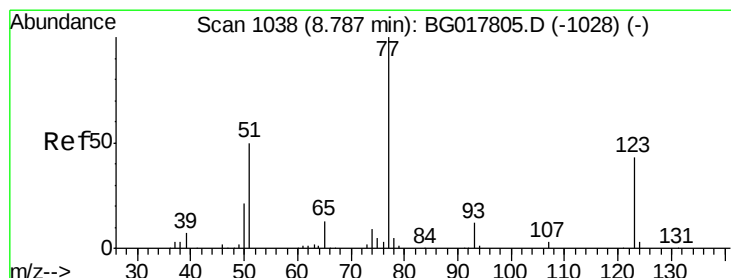
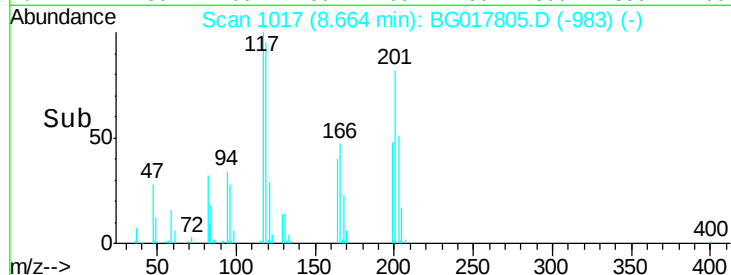
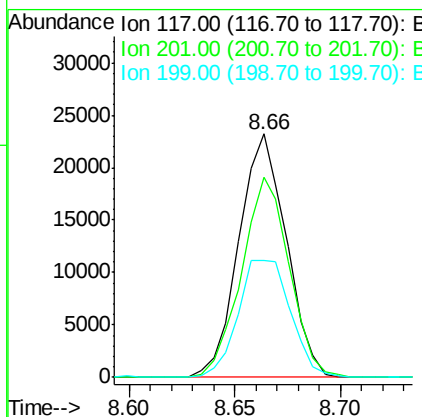
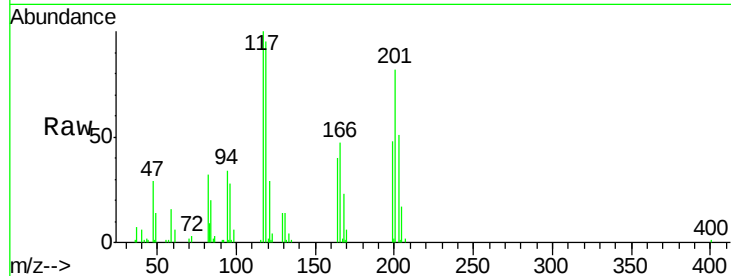




#17
Hexachloroethane
Concen: 20.26 ng/ul
RT: 8.66 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

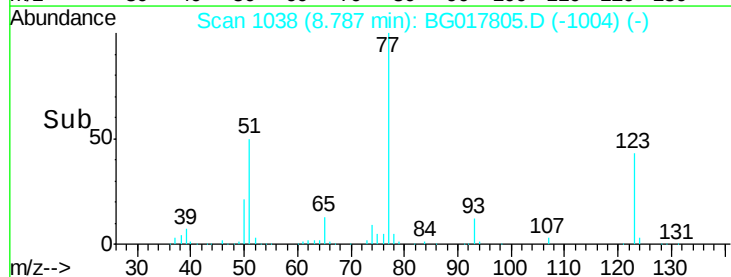
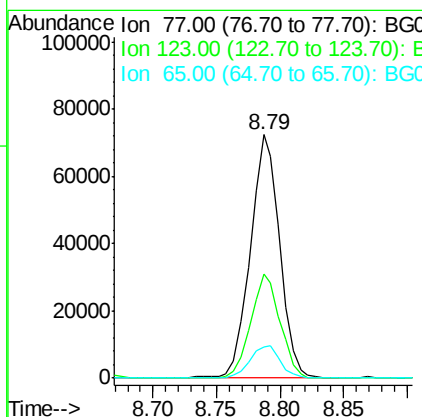
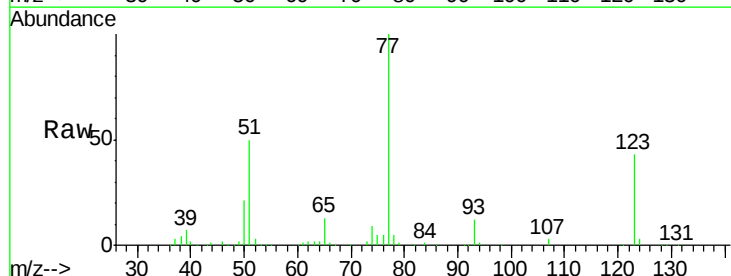
Instrument :
BNA_G
ClientSampleId :
SSTD02040

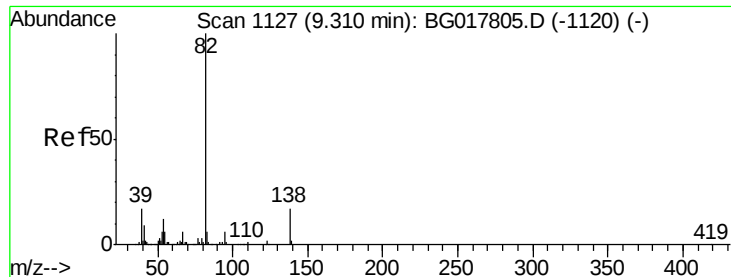
Tgt Ion: 117 Resp: 36147
Ion Ratio Lower Upper
117 100
201 82.4 65.9 98.9
199 48.2 38.6 57.8



#20
Nitrobenzene
Concen: 21.25 ng/ul
RT: 8.79 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

Tgt Ion: 77 Resp: 116504
Ion Ratio Lower Upper
77 100
123 42.8 34.2 51.4
65 12.7 10.2 15.2





#21

Isophorone

Concen: 22.32 ng/ul

RT: 9.31 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampleId :

SSTD02040

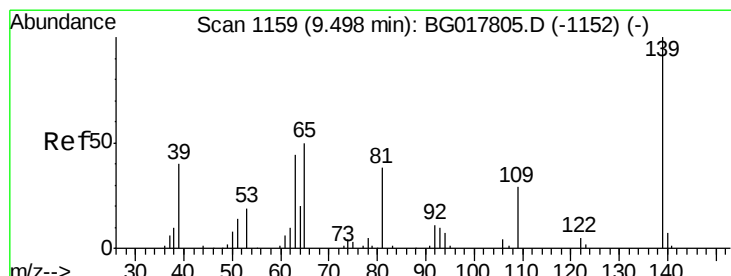
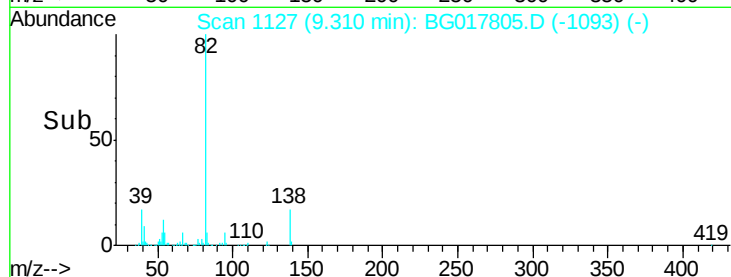
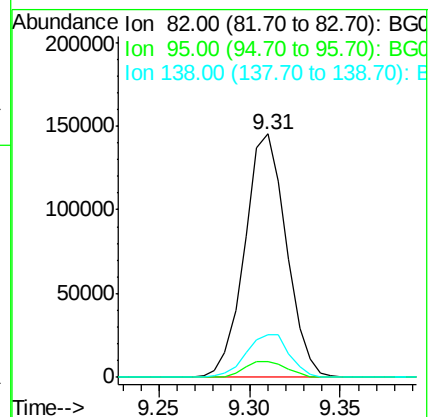
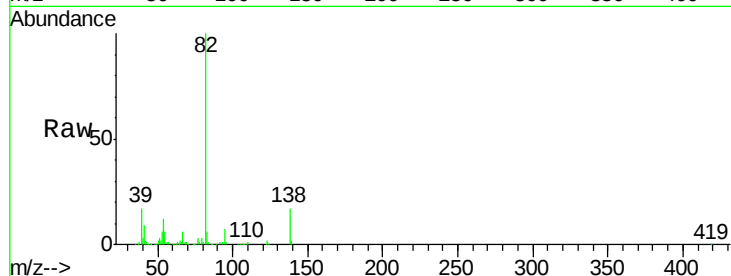
Tgt Ion: 82 Resp: 231996

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 17.4 13.9 20.9



#23

2-Nitrophenol

Concen: 22.48 ng/ul

RT: 9.50 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

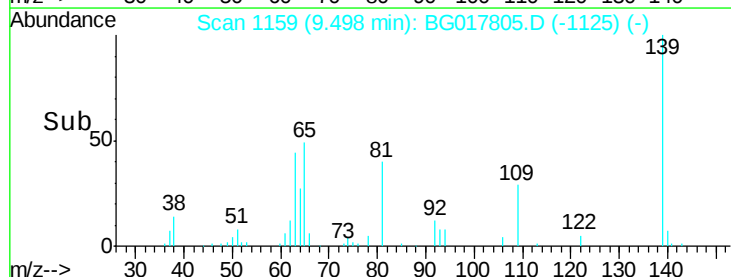
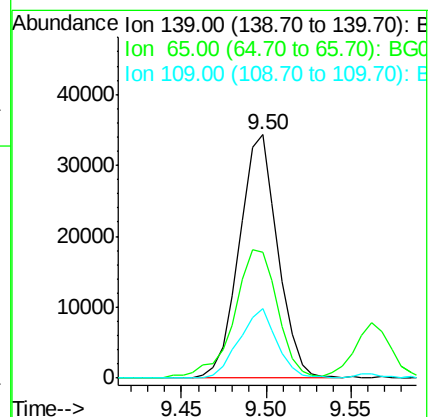
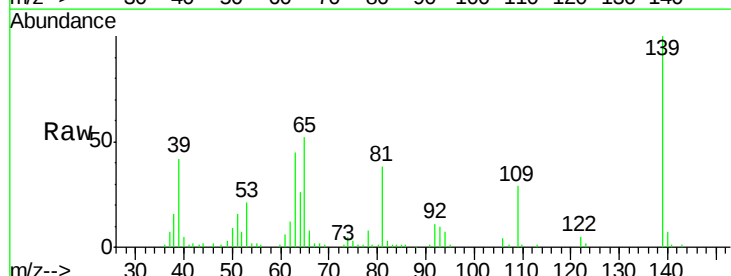
Tgt Ion: 139 Resp: 54415

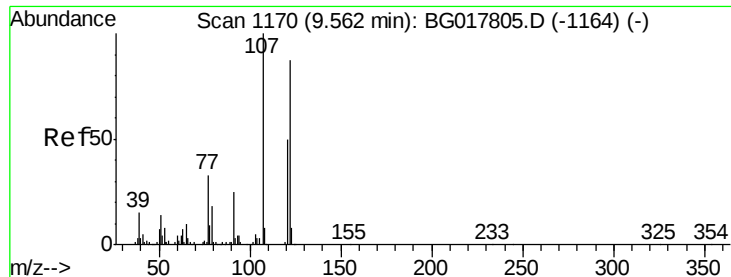
Ion Ratio Lower Upper

139 100

65 51.9 41.5 62.3

109 28.7 23.0 34.4

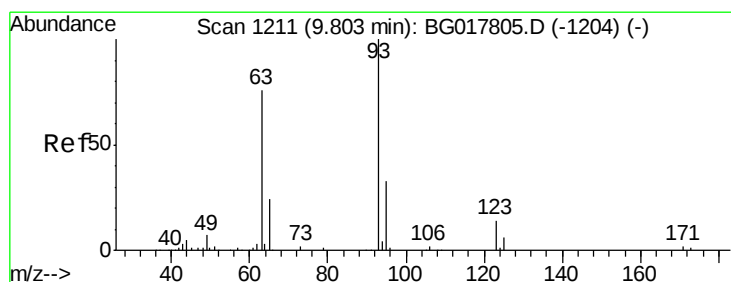
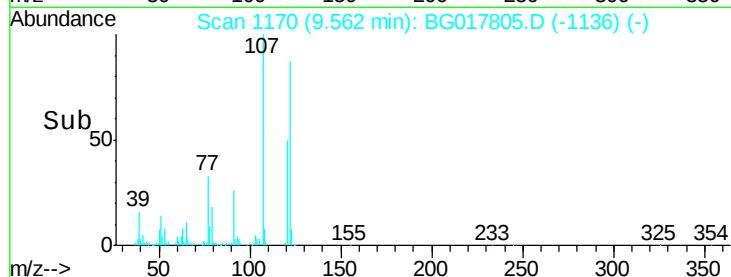
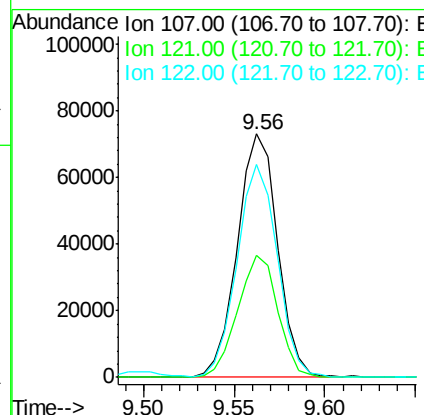
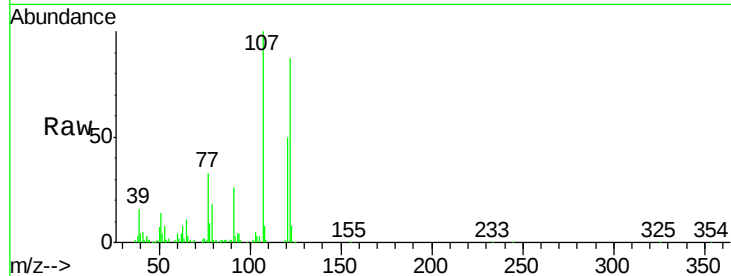




#24
 2,4-Dimethylphenol
 Concen: 21.07 ng/ul
 RT: 9.56 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

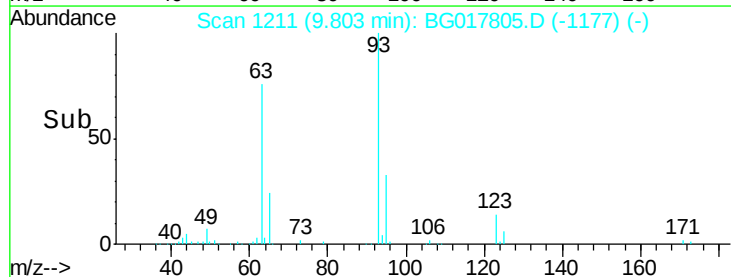
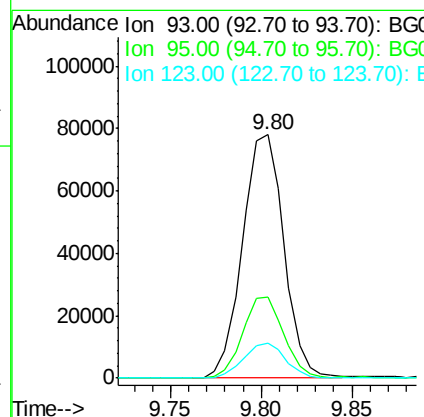
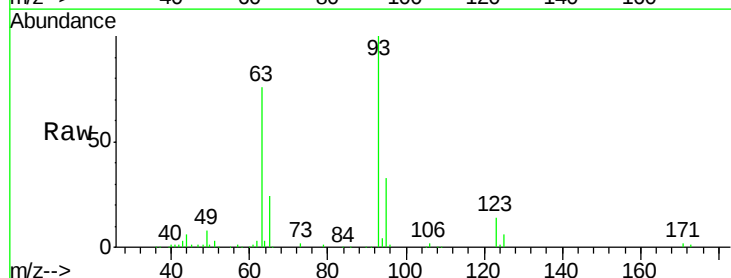
Instrument :
 BNA_G
 ClientSampleId :
 SST02040

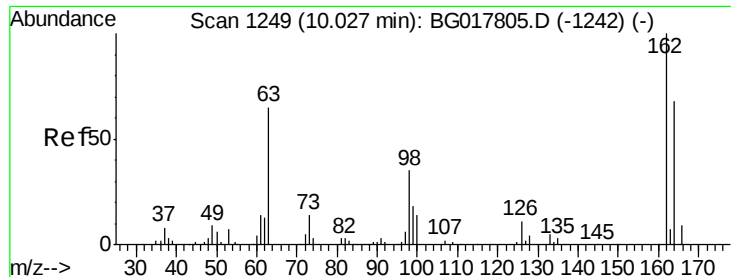
Tgt Ion	Ratio	Lower	Upper
107	100		
121	50.2	40.2	60.2
122	87.3	69.8	104.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 21.25 ng/ul
 RT: 9.80 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	39.8
123	14.5	11.6	17.4

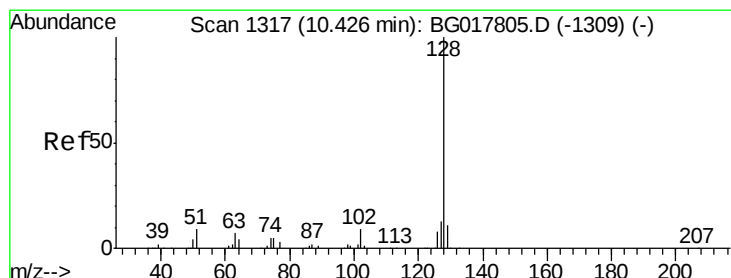
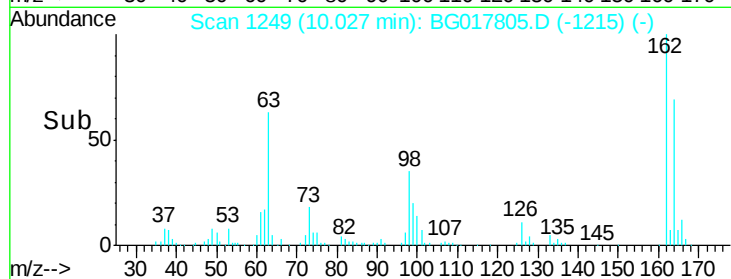
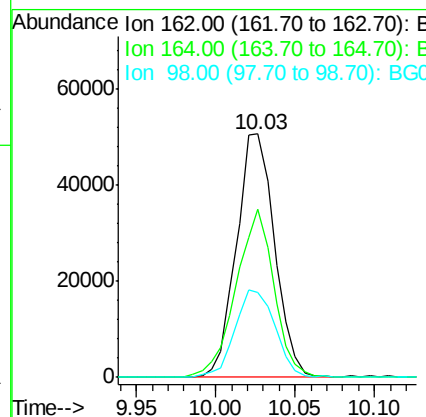
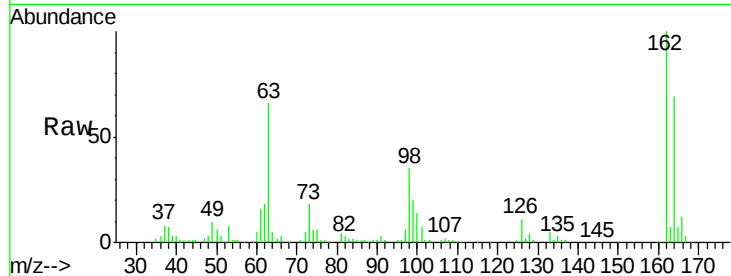




#27
 2,4-Dichlorophenol
 Concen: 20.72 ng/ul
 RT: 10.03 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

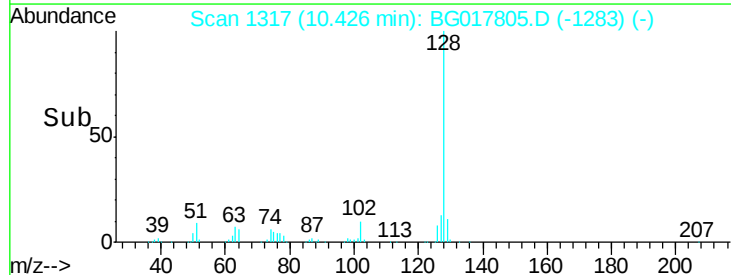
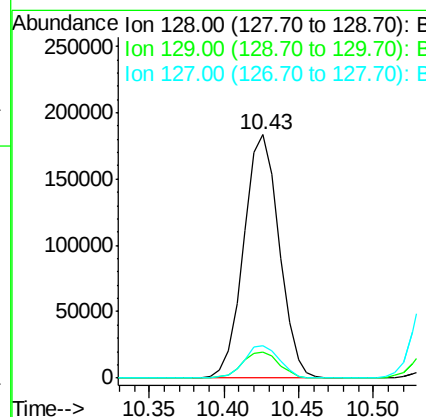
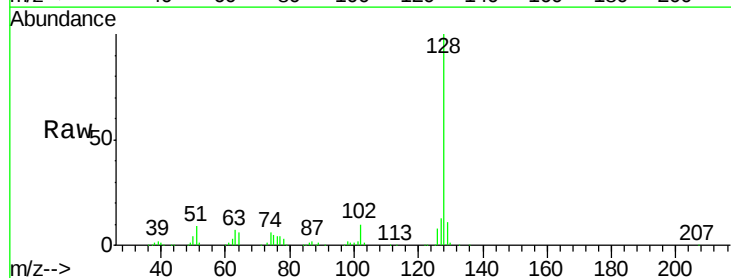
Instrument :
 BNA_G
 ClientSampleId :
 SST02040

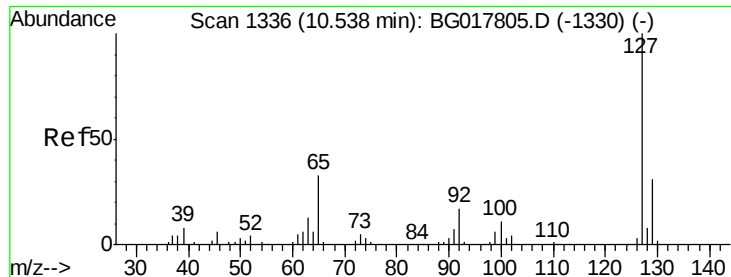
Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.2	55.4	83.0
98	34.9	27.9	41.9



#28
 Naphthalene
 Concen: 20.34 ng/ul
 RT: 10.43 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.5	10.8	16.2

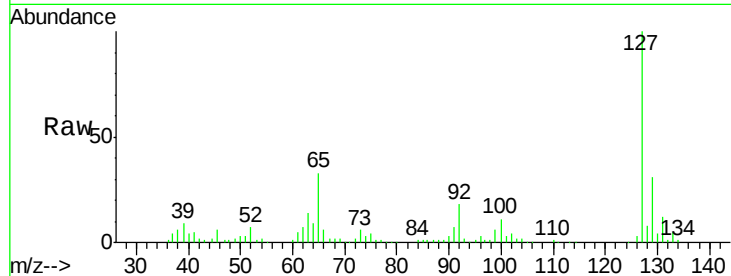




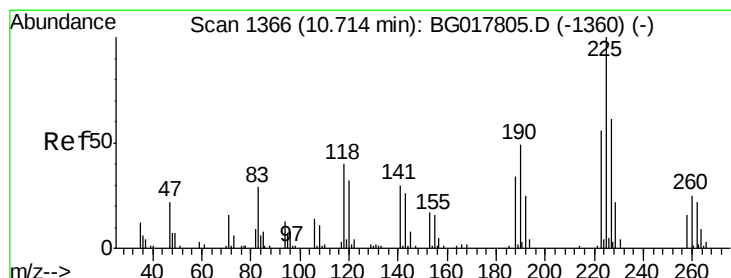
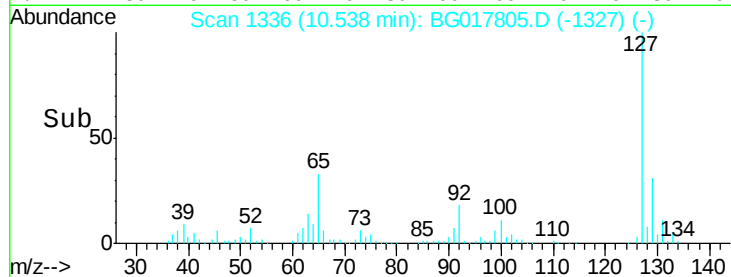
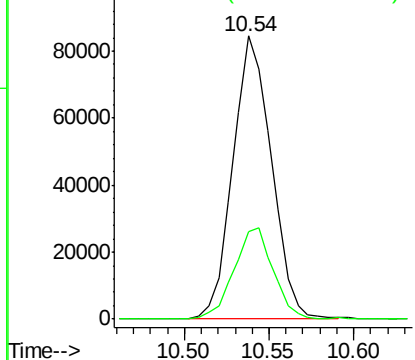
#30
4-Chloroaniline
Concen: 24.25 ng/ul
RT: 10.54 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

Instrument :
BNA_G
ClientSampleId :
SSTD02040

Tgt Ion:127 Resp: 134515
Ion Ratio Lower Upper
127 100
129 30.8 24.6 37.0

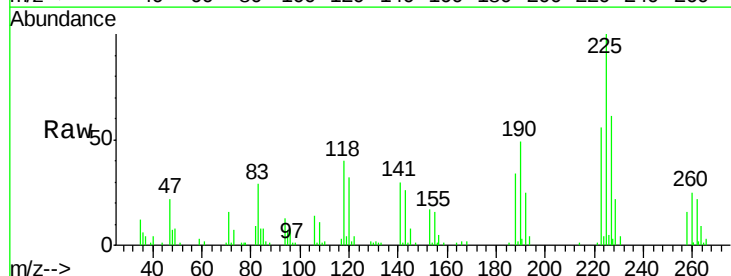


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

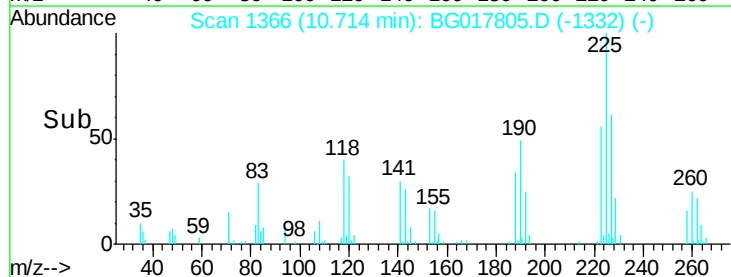
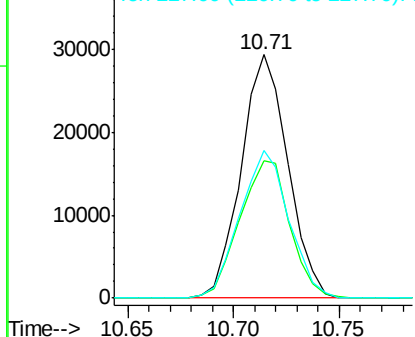


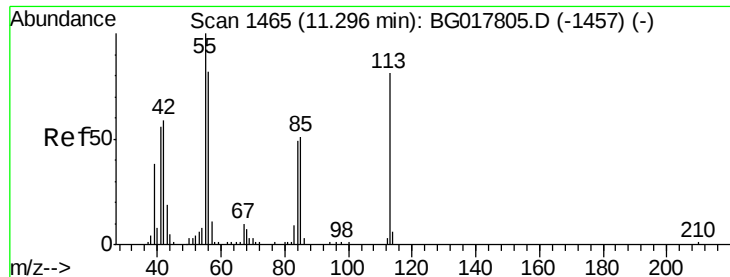
#31
Hexachlorobutadiene
Concen: 19.12 ng/ul
RT: 10.71 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

Tgt Ion:225 Resp: 44989
Ion Ratio Lower Upper
225 100
223 59.9 47.9 71.9
227 60.7 48.6 72.8



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





#32

Caprolactam

Concen: 30.92 ng/ul

RT: 11.30 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampleId :

SSTD02040

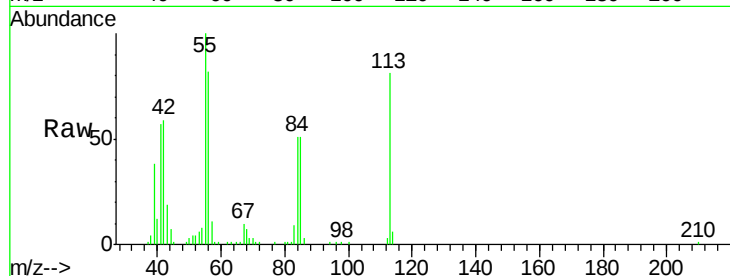
Tgt Ion:113 Resp: 68883

Ion Ratio Lower Upper

113 100

55 122.9 98.3 147.5

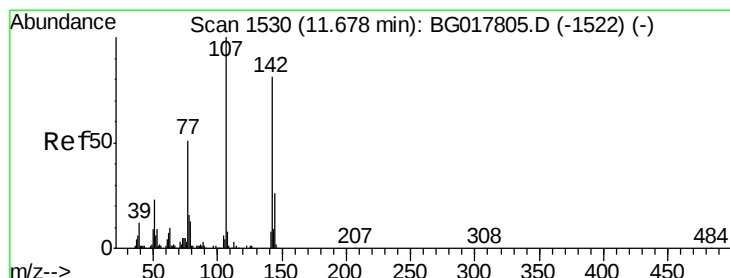
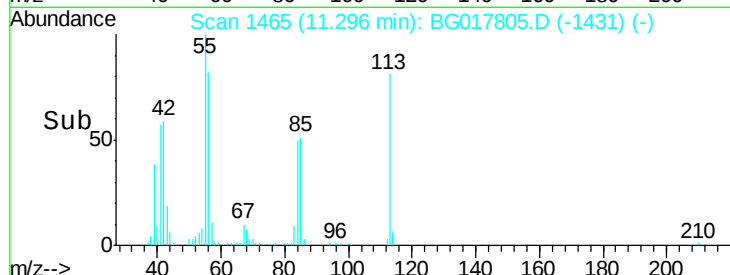
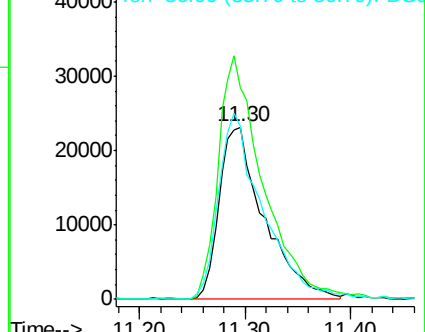
56 100.9 80.7 121.1



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



#33

4-Chloro-3-methylphenol

Concen: 22.11 ng/ul

RT: 11.68 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

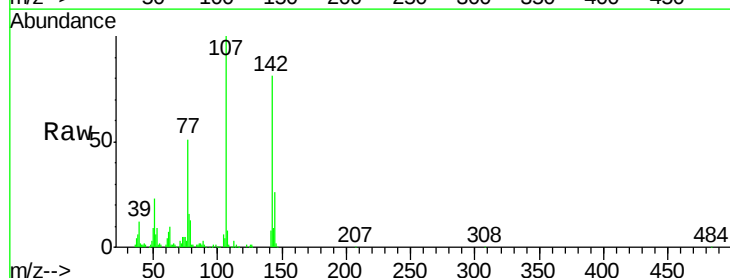
Tgt Ion:107 Resp: 111254

Ion Ratio Lower Upper

107 100

144 26.3 21.0 31.6

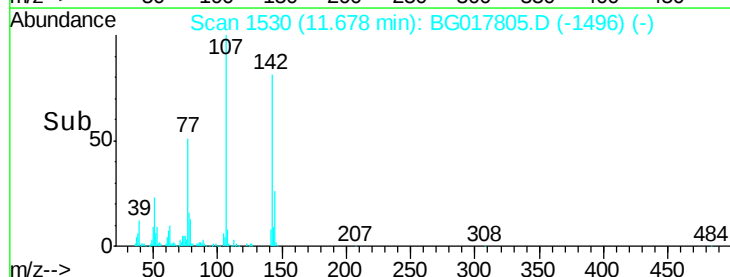
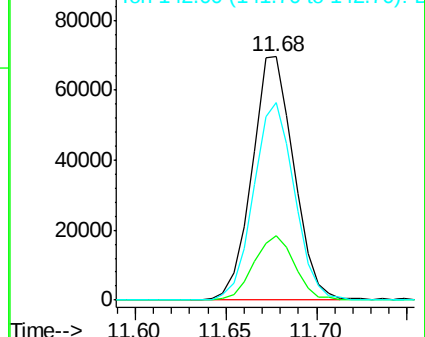
142 81.0 64.8 97.2

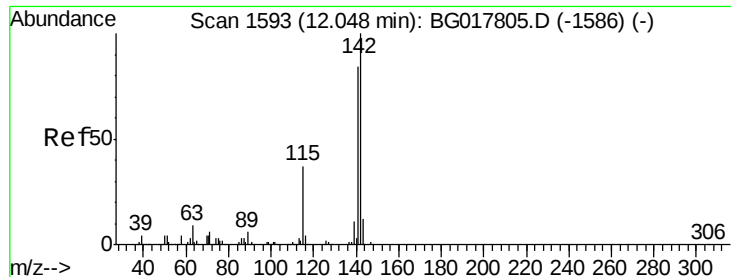


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

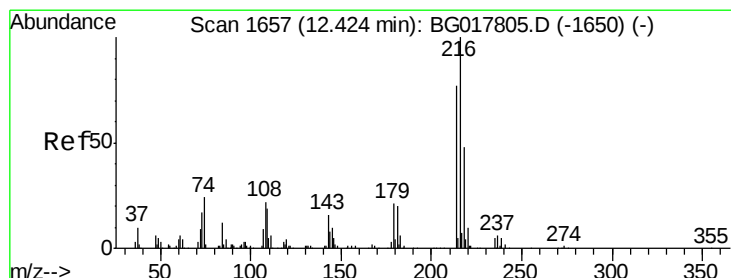
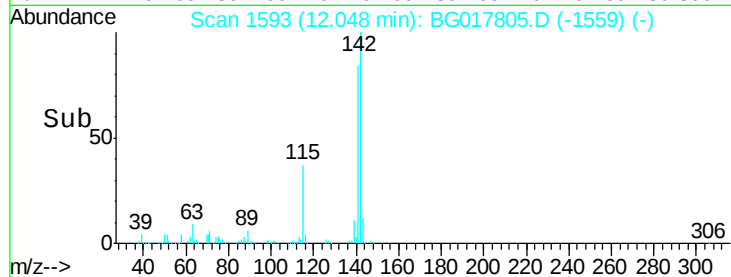
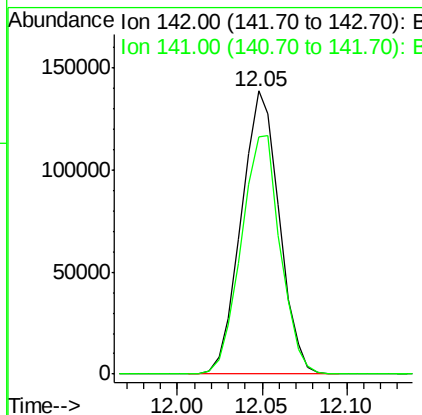
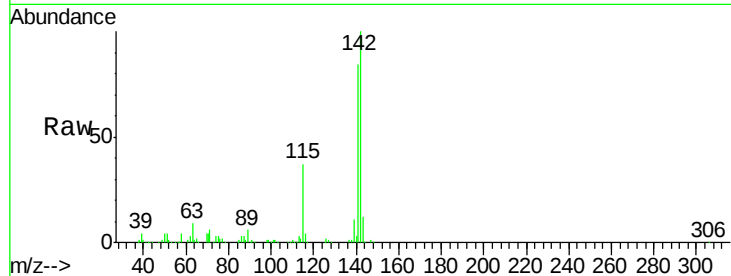




#34
 2-Methylnaphthalene
 Concen: 20.60 ng/ul
 RT: 12.05 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

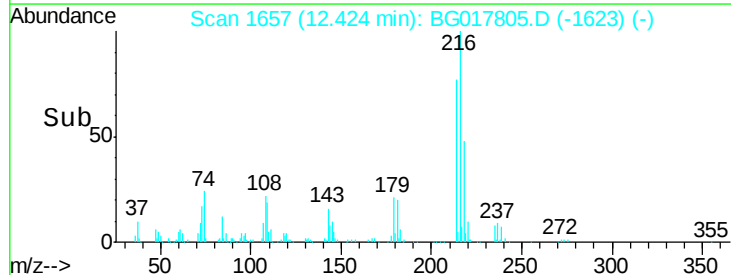
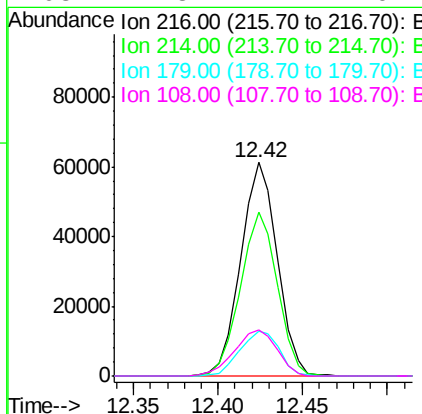
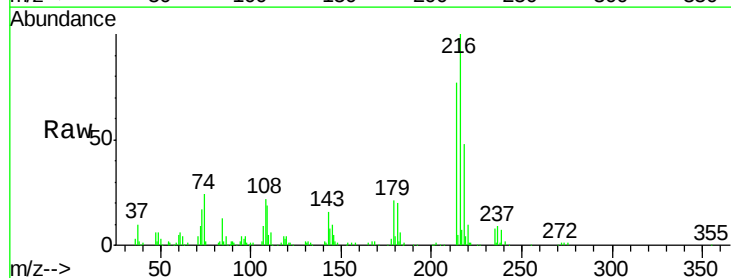
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02040

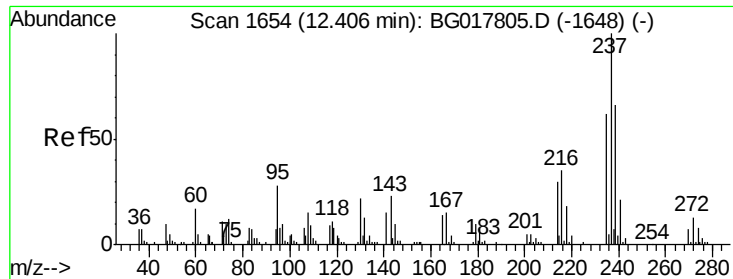
Tgt Ion:142 Resp: 217475
 Ion Ratio Lower Upper
 142 100
 141 83.7 67.0 100.4



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.39 ng/ul
 RT: 12.42 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

Tgt Ion:216 Resp: 92333
 Ion Ratio Lower Upper
 216 100
 214 76.9 61.5 92.3
 179 20.9 16.7 25.1
 108 21.8 17.4 26.2

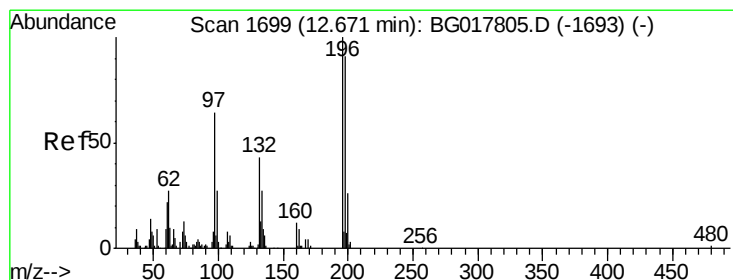
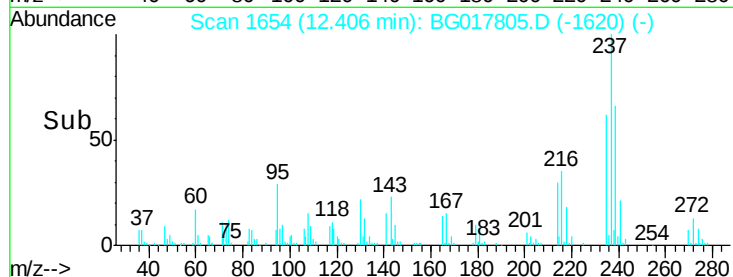
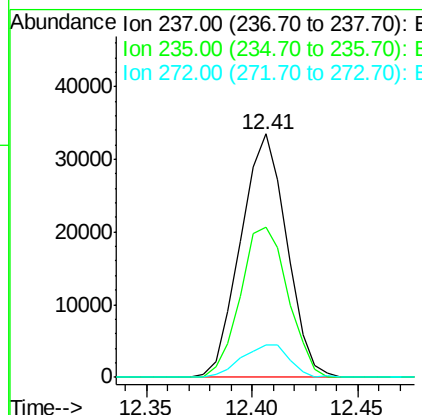
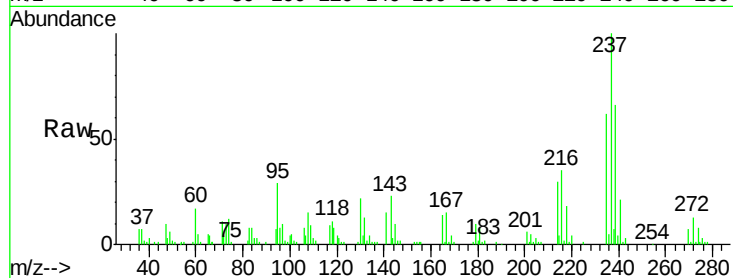




#37
Hexachlorocyclopentadiene
Concen: 20.75 ng/ul
RT: 12.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

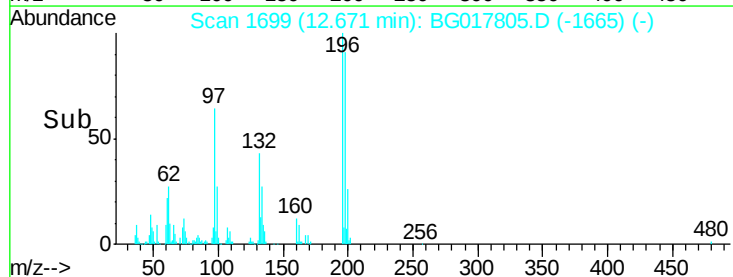
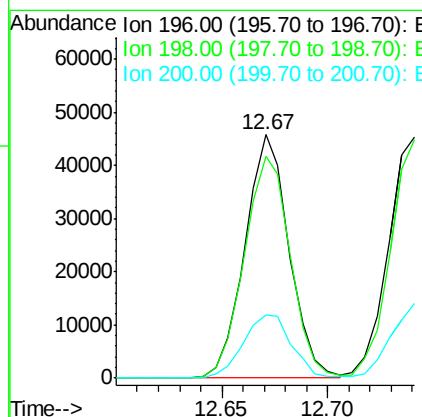
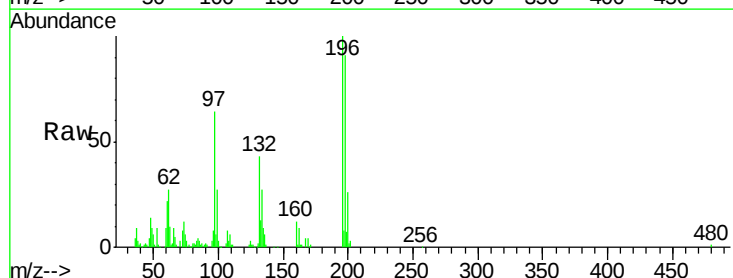
Instrument :
BNA_G
ClientSampleId :
SSTD02040

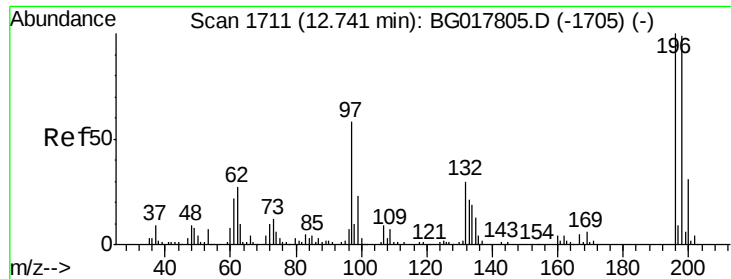
Tgt Ion: 237 Resp: 50733
Ion Ratio Lower Upper
237 100
235 61.7 49.4 74.0
272 13.1 10.5 15.7



#38
2,4,6-Trichlorophenol
Concen: 21.28 ng/ul
RT: 12.67 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

Tgt Ion: 196 Resp: 66321
Ion Ratio Lower Upper
196 100
198 91.2 73.0 109.4
200 25.8 20.6 31.0

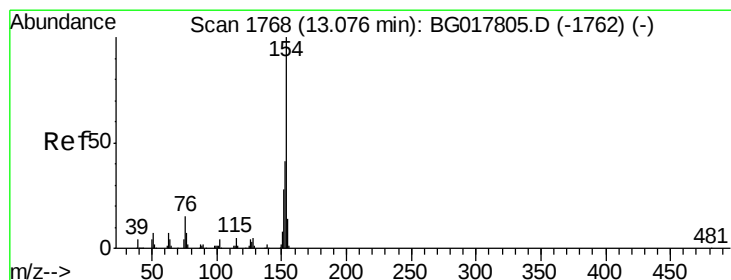
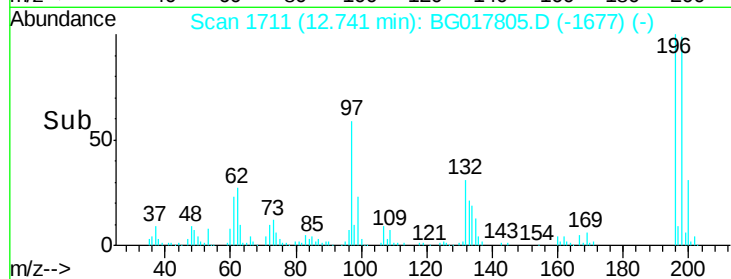
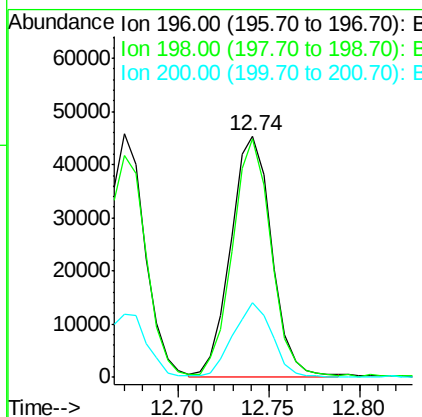
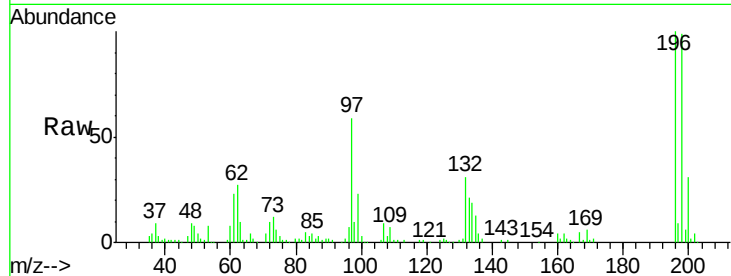




#39
 2,4,5-Trichlorophenol
 Concen: 20.84 ng/ul
 RT: 12.74 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

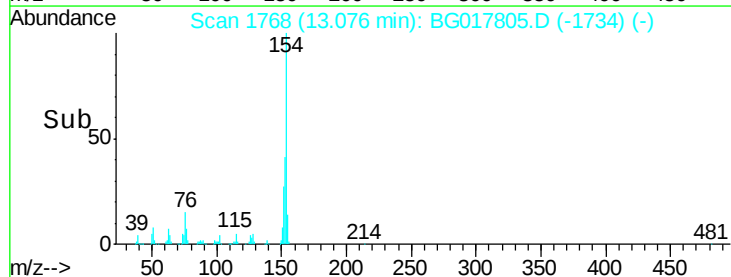
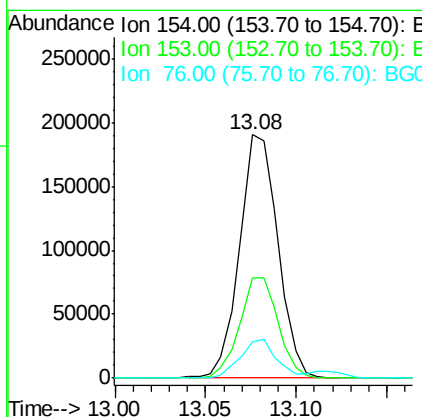
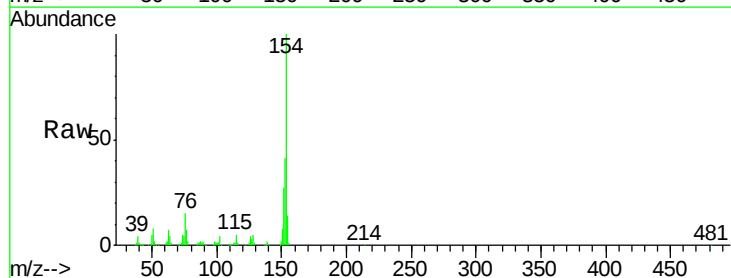
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02040

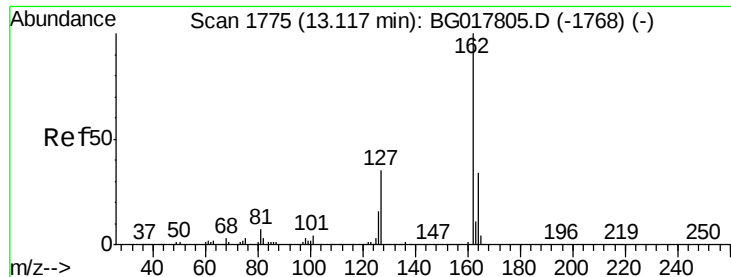
Tgt Ion:196 Resp: 71486
 Ion Ratio Lower Upper
 196 100
 198 98.8 79.0 118.6
 200 31.0 24.8 37.2



#40
 1,1'-Biphenyl
 Concen: 20.56 ng/ul
 RT: 13.08 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

Tgt Ion:154 Resp: 279785
 Ion Ratio Lower Upper
 154 100
 153 41.3 33.0 49.6
 76 14.9 11.9 17.9

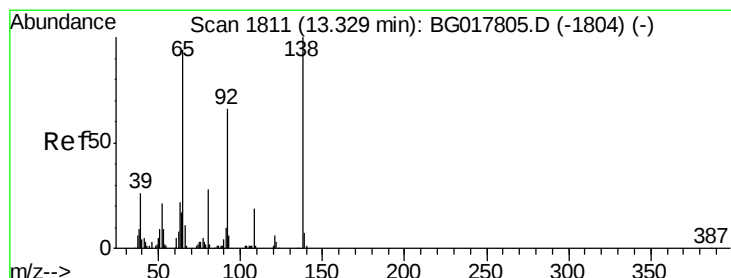
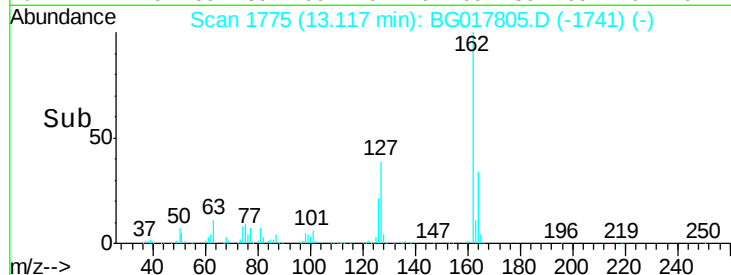
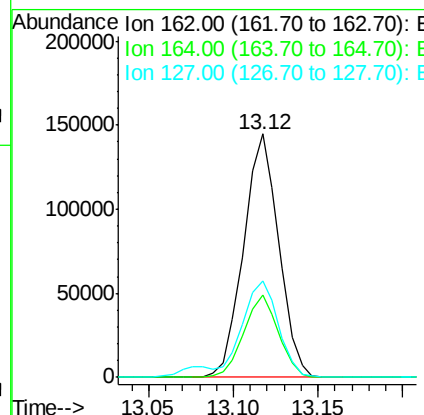
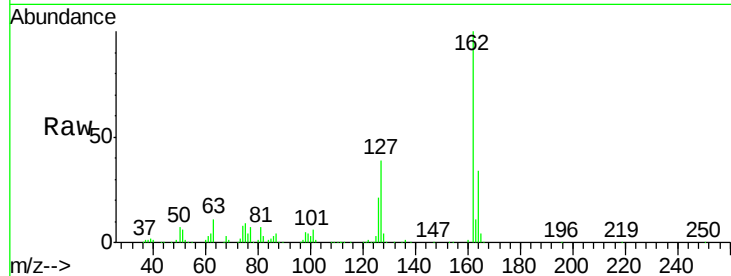




#41
 2-Chloronaphthalene
 Concen: 20.15 ng/ul
 RT: 13.12 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

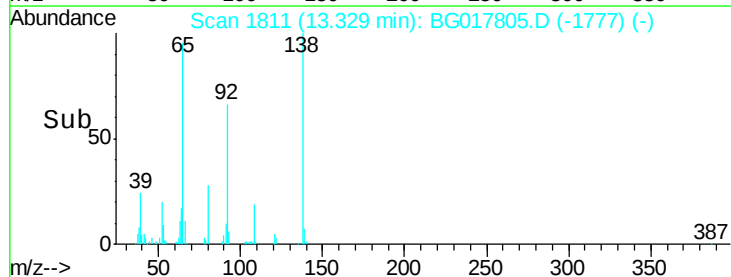
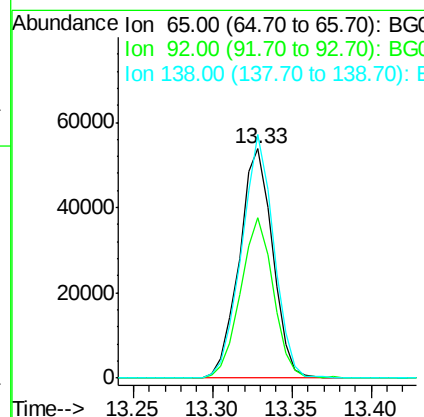
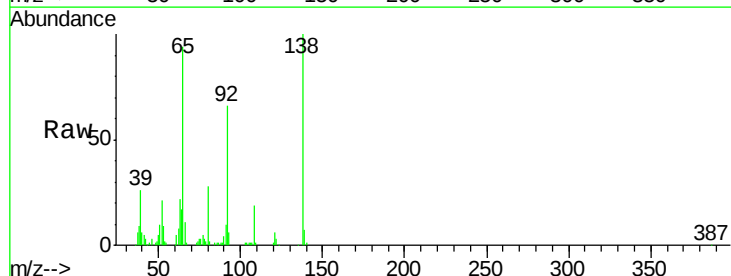
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02040

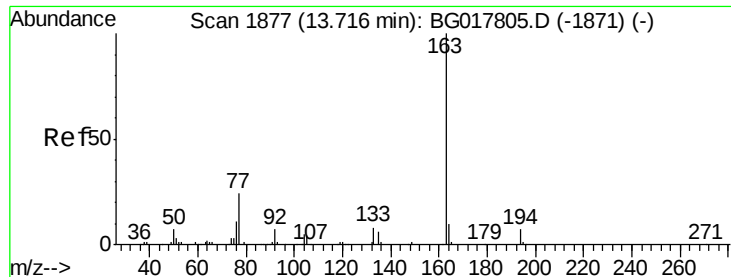
Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.8	27.0	40.6
127	39.4	31.5	47.3



#42
 2-Nitroaniline
 Concen: 21.99 ng/ul
 RT: 13.33 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	55.8	83.6
138	106.2	85.0	127.4





#44

Dimethylphthalate

Concen: 20.91 ng/ul

RT: 13.72 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampled :

SSTD02040

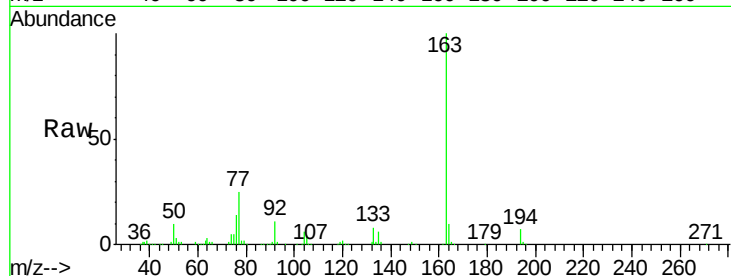
Tgt Ion:163 Resp: 284437

Ion Ratio Lower Upper

163 100

194 6.6 5.3 7.9

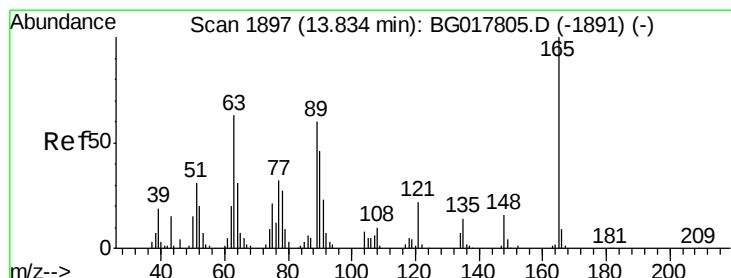
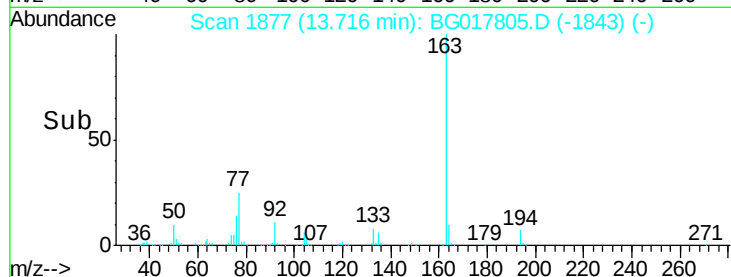
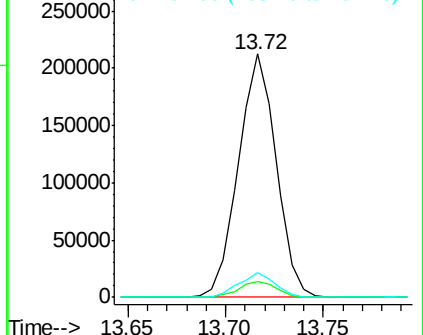
164 10.0 8.0 12.0



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



#45

2,6-Dinitrotoluene

Concen: 21.92 ng/ul

RT: 13.83 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

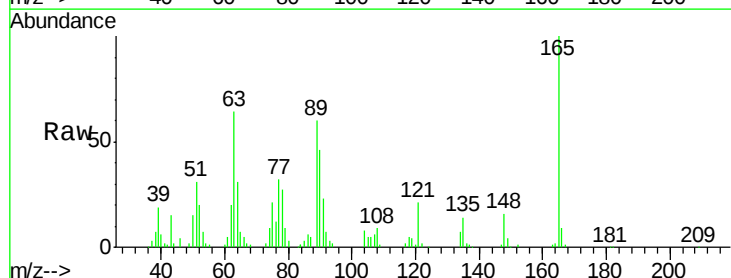
Tgt Ion:165 Resp: 60162

Ion Ratio Lower Upper

165 100

89 59.8 47.8 71.8

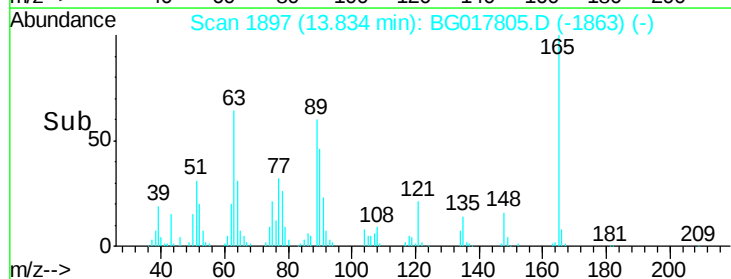
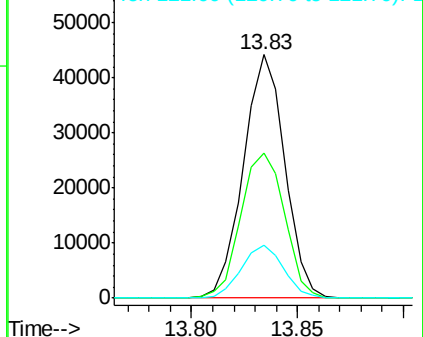
121 21.5 17.2 25.8

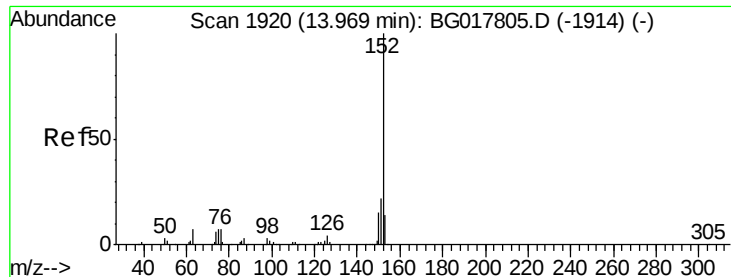


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.53 ng/ul

RT: 13.97 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampleId :

SSTD02040

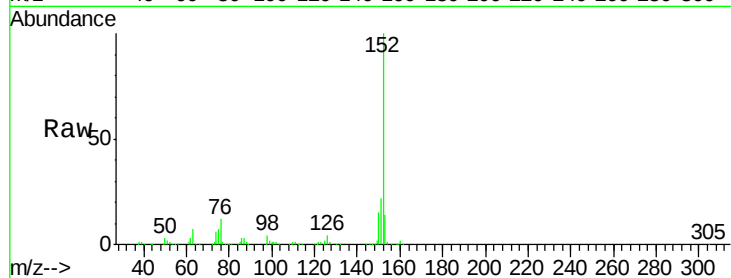
Tgt Ion:152 Resp: 367530

Ion Ratio Lower Upper

152 100

151 21.6 17.3 25.9

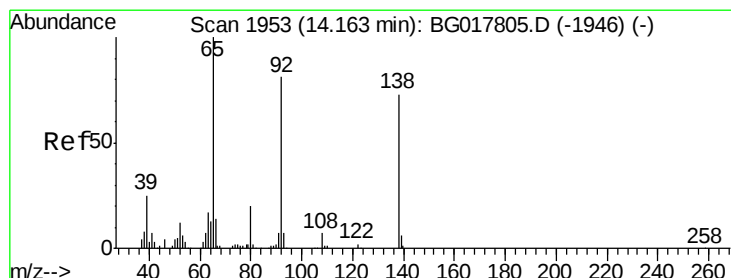
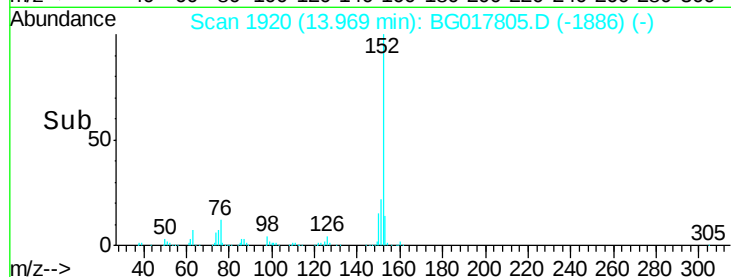
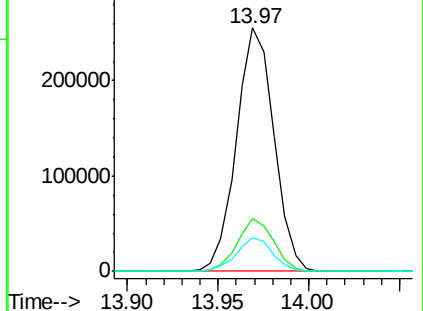
153 14.0 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 22.98 ng/ul

RT: 14.16 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

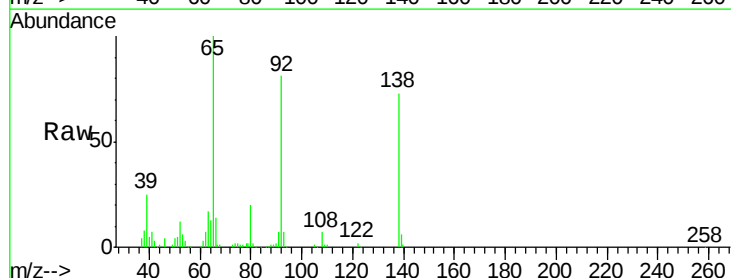
Tgt Ion:138 Resp: 72449

Ion Ratio Lower Upper

138 100

108 10.2 8.2 12.2

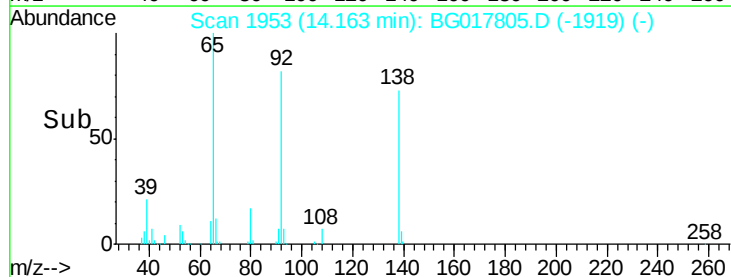
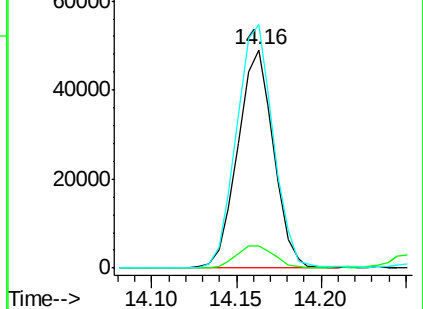
92 111.5 89.2 133.8

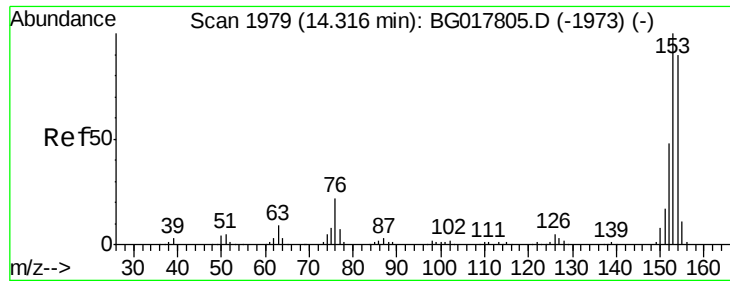


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 20.10 ng/ul

RT: 14.32 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampleId :

SSTD02040

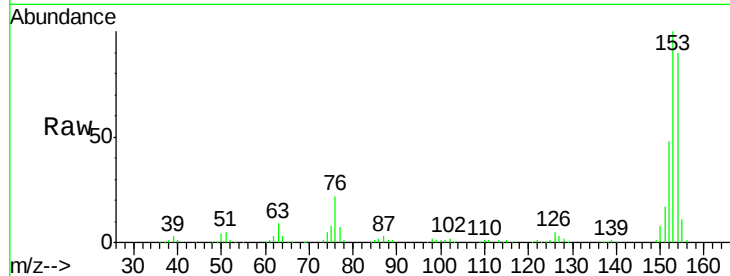
Tgt Ion:153 Resp: 241204

Ion Ratio Lower Upper

153 100

152 48.2 38.6 57.8

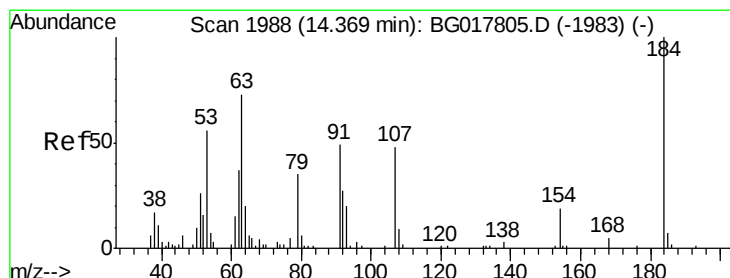
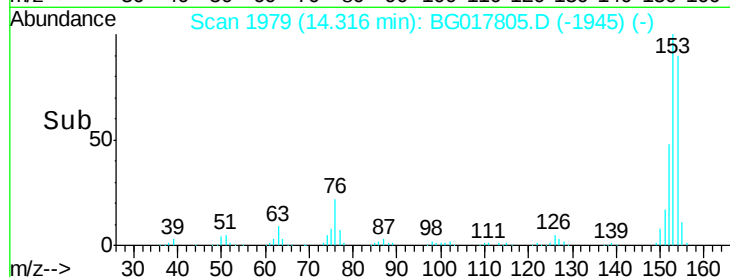
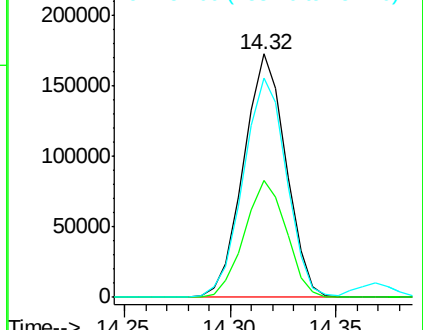
154 90.1 72.1 108.1



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 23.97 ng/ul

RT: 14.37 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

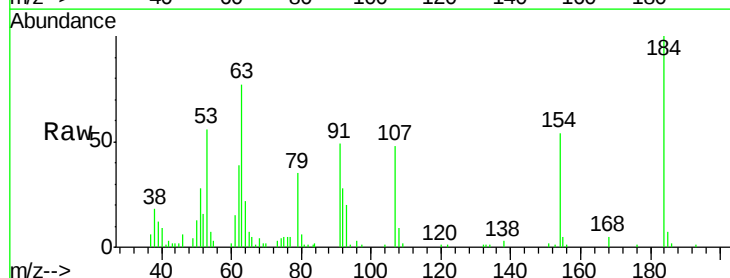
Tgt Ion:184 Resp: 26761

Ion Ratio Lower Upper

184 100

63 77.3 61.8 92.8

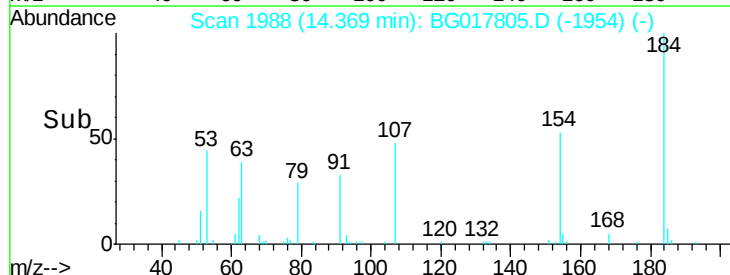
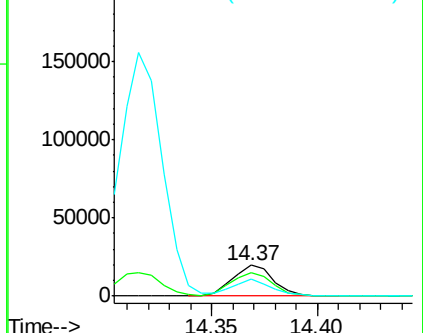
154 53.7 43.0 64.4

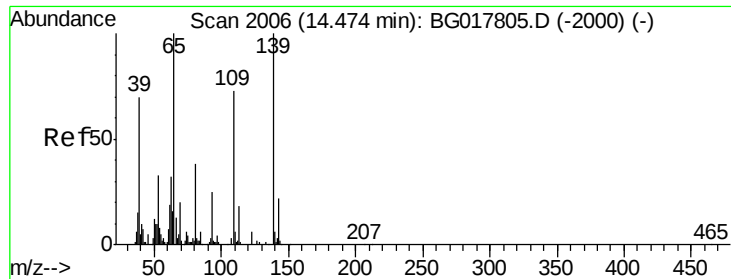


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

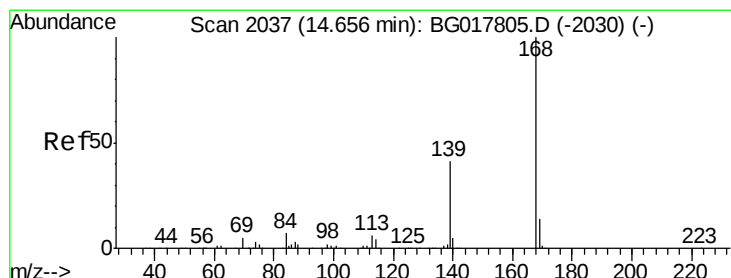
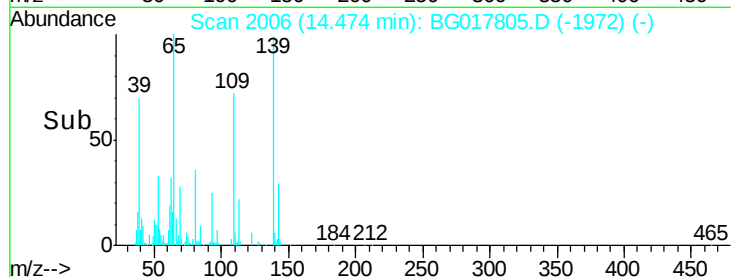
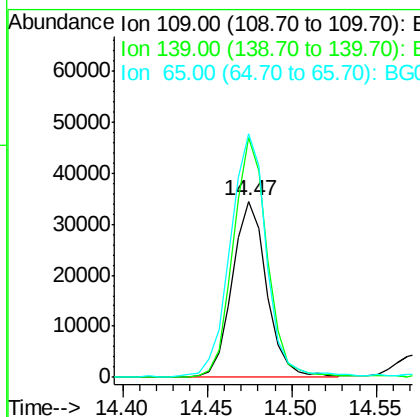
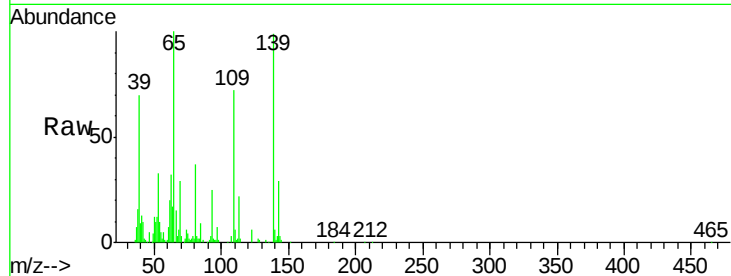




#52
4-Nitrophenol
Concen: 24.11 ng/ul
RT: 14.47 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

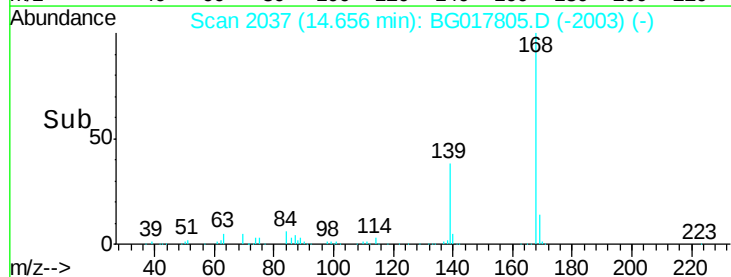
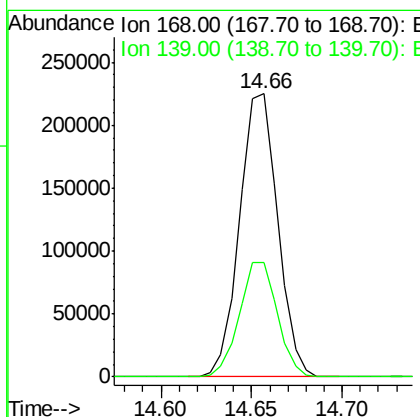
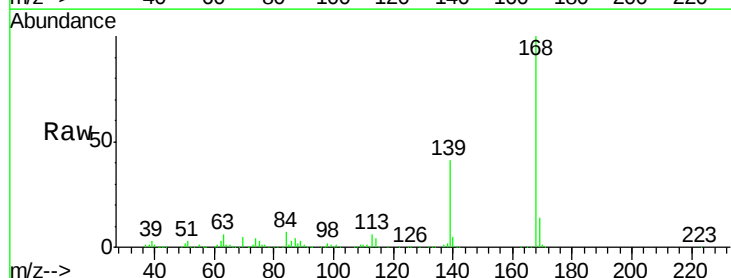
Instrument :
BNA_G
ClientSampleId :
SSTD02040

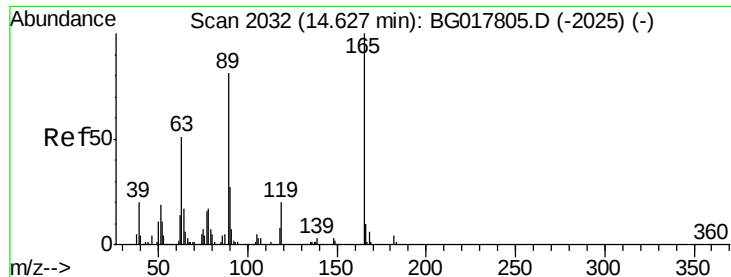
Tgt Ion:109 Resp: 48961
Ion Ratio Lower Upper
109 100
139 136.3 109.0 163.6
65 138.3 110.6 166.0



#53
Dibenzofuran
Concen: 20.29 ng/ul
RT: 14.66 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

Tgt Ion:168 Resp: 329301
Ion Ratio Lower Upper
168 100
139 40.5 32.4 48.6

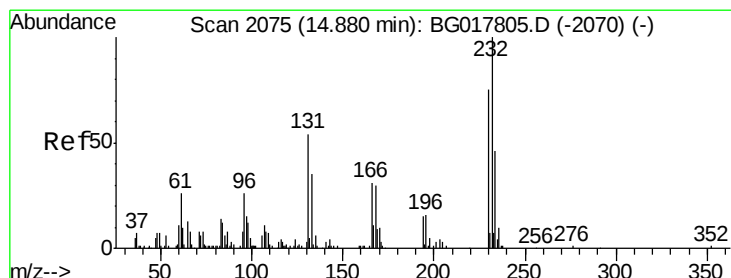
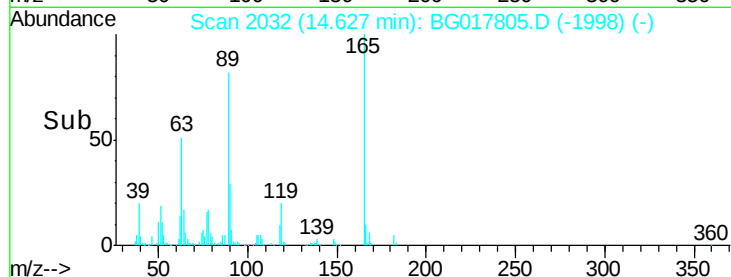
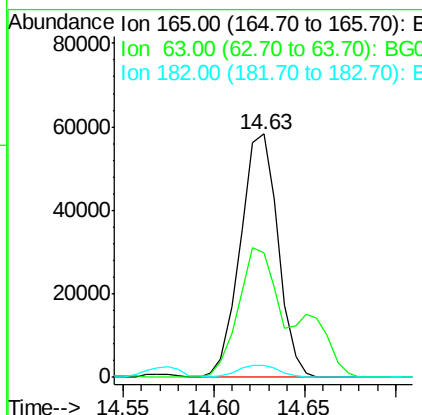
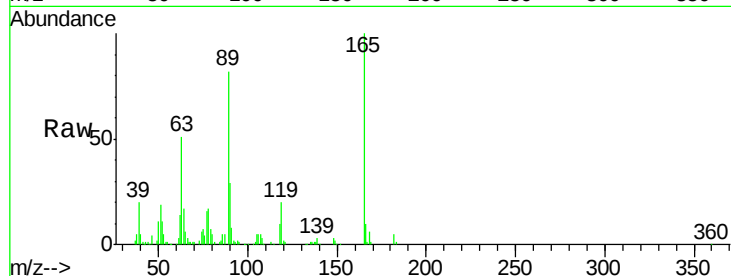




#54
 2,4-Dinitrotoluene
 Concen: 21.77 ng/ul
 RT: 14.63 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

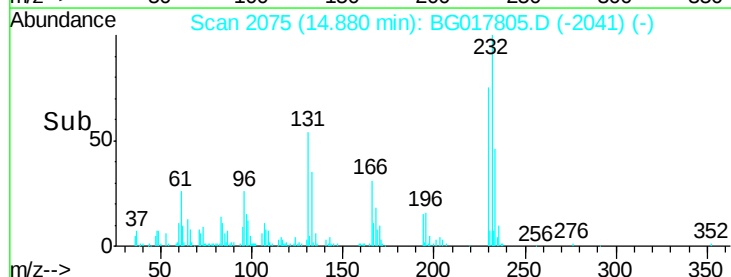
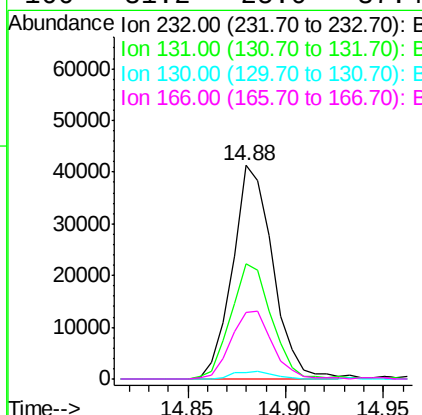
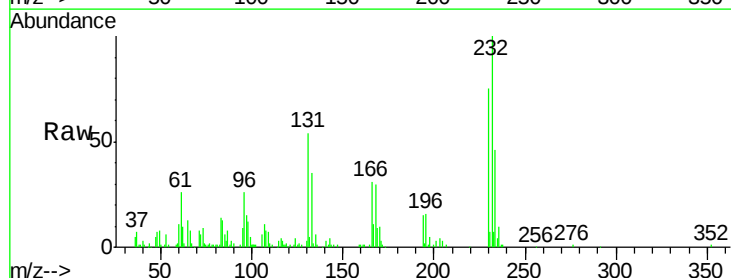
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02040

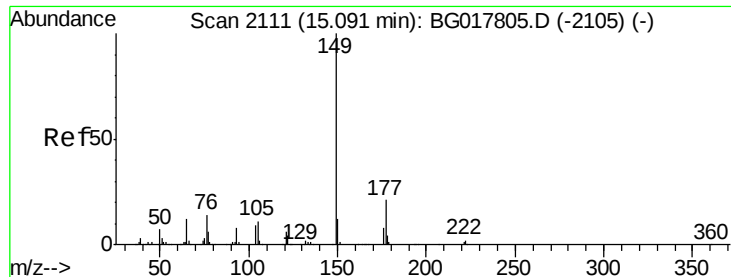
Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.0	40.8	61.2
182	5.1	4.1	6.1



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 21.32 ng/ul
 RT: 14.88 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.9	43.1	64.7
130	3.3	2.6	4.0
166	31.2	25.0	37.4





#56

Diethylphthalate

Concen: 20.94 ng/ul

RT: 15.09 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampleId :

SSTD02040

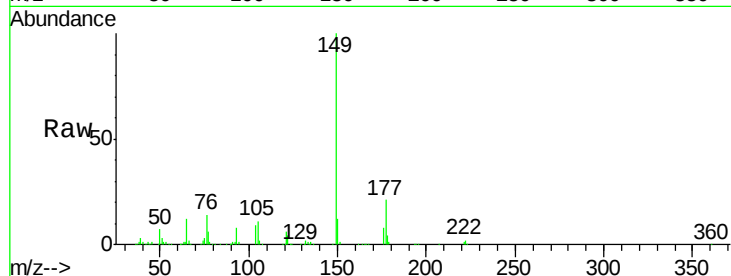
Tgt Ion:149 Resp: 308056

Ion Ratio Lower Upper

149 100

177 21.1 16.9 25.3

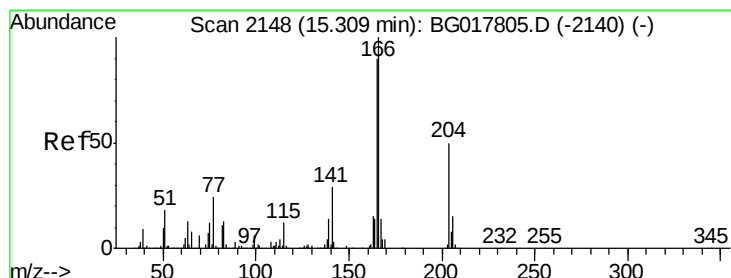
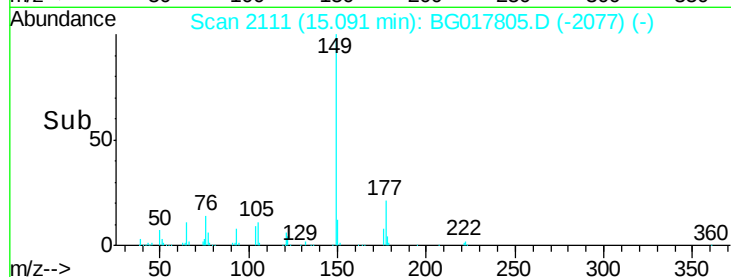
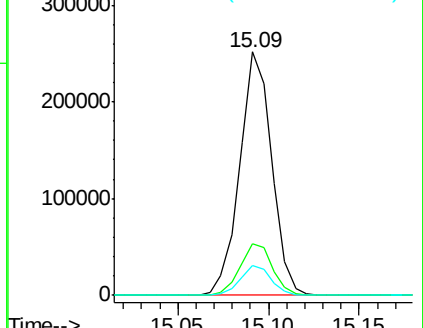
150 12.5 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 20.59 ng/ul

RT: 15.31 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

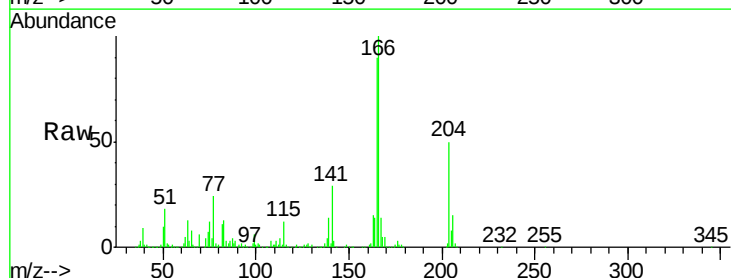
Tgt Ion:166 Resp: 297983

Ion Ratio Lower Upper

166 100

165 90.1 72.1 108.1

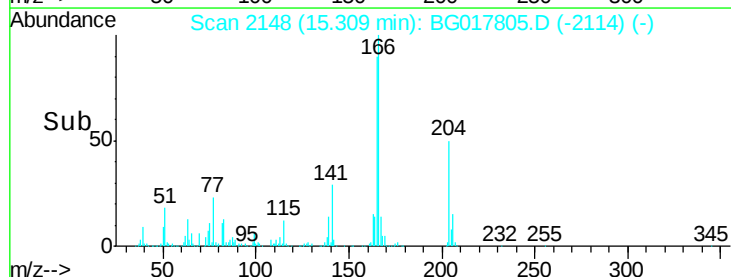
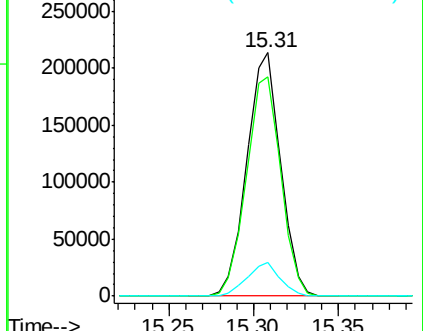
167 14.0 11.2 16.8

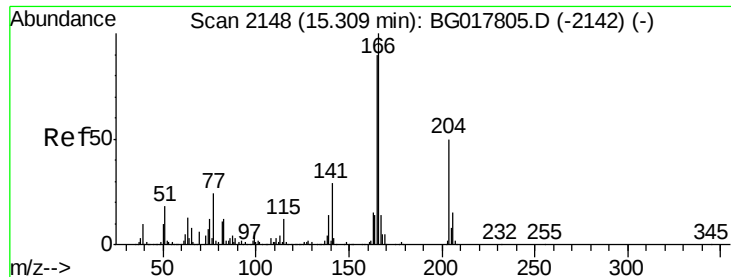


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

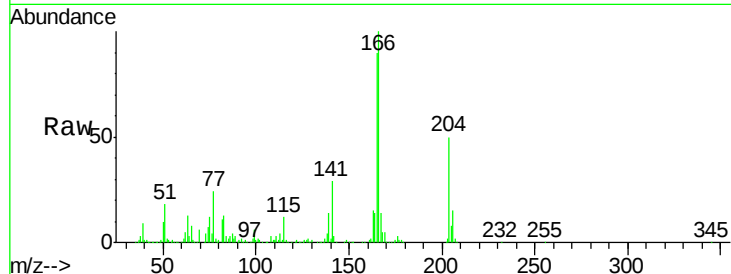




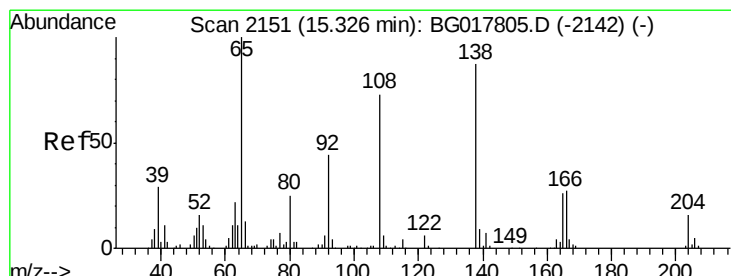
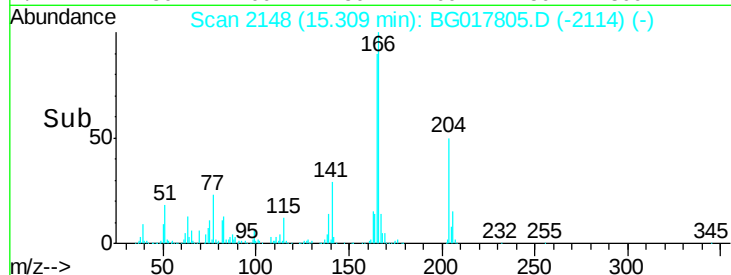
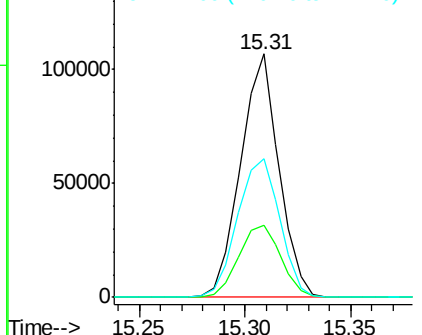
#59
 4-Chlorophenyl-phenylether
 Concen: 20.00 ng/ul
 RT: 15.31 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02040

Tgt Ion: 204 Resp: 134622
 Ion Ratio Lower Upper
 204 100
 206 29.8 23.8 35.8
 141 57.2 45.8 68.6

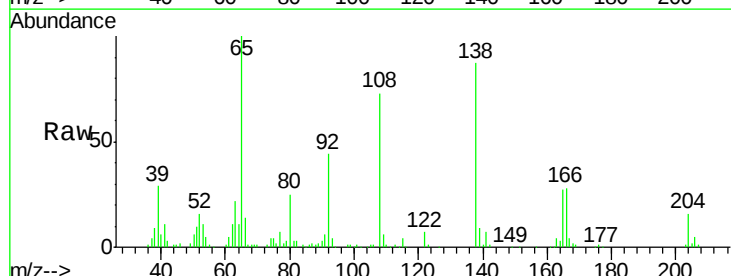


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

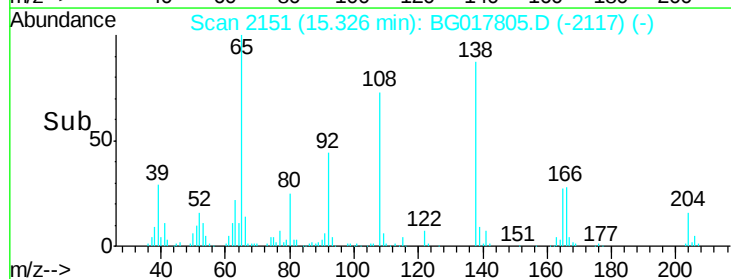
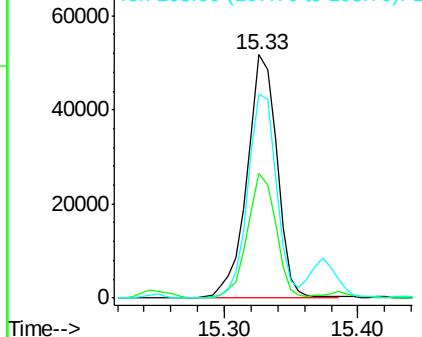


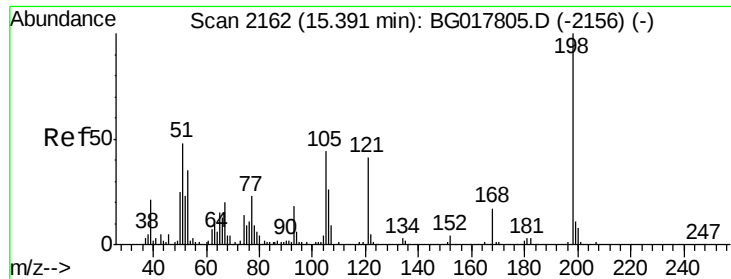
#60
 4-Nitroaniline
 Concen: 22.32 ng/ul
 RT: 15.33 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

Tgt Ion: 138 Resp: 80504
 Ion Ratio Lower Upper
 138 100
 92 50.9 40.7 61.1
 108 83.8 67.0 100.6



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

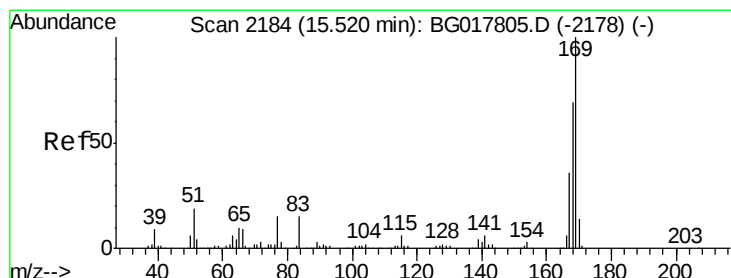
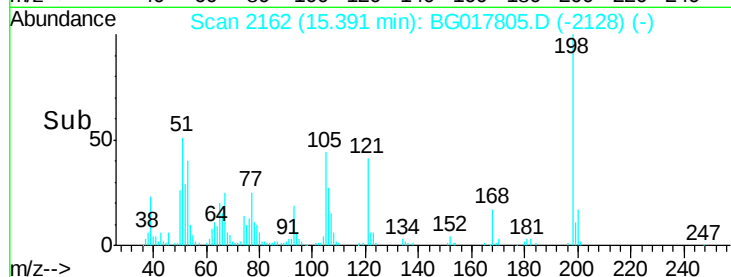
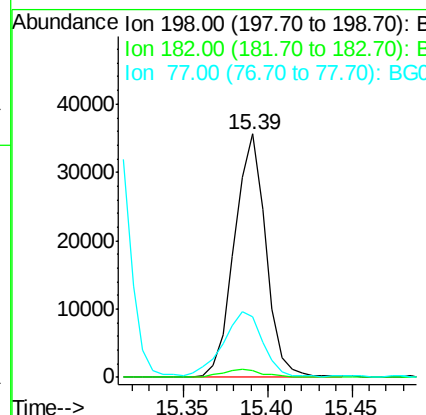
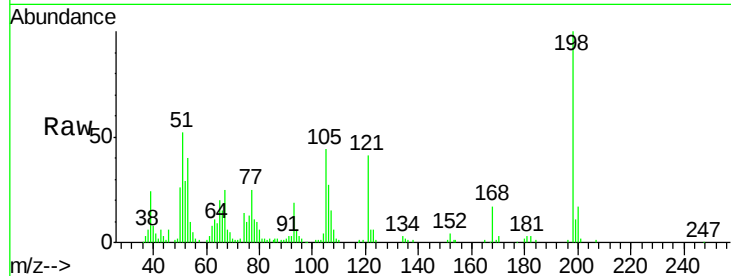




#63
 4,6-Dinitro-2-methylphenol
 Concen: 22.76 ng/ul
 RT: 15.39 min Scan# 2162
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

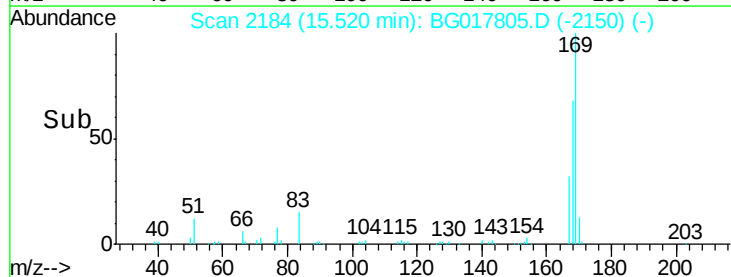
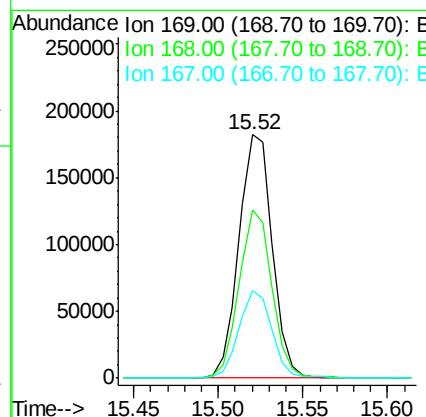
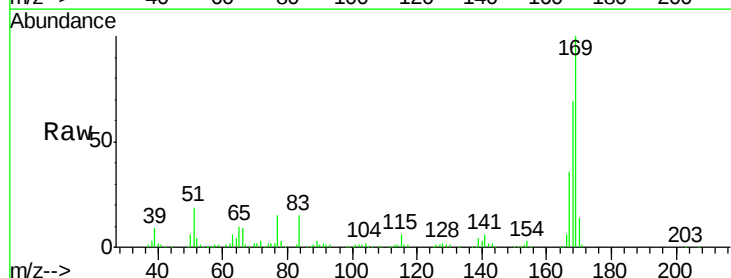
Instrument :
 BNA_G
 ClientSampleID :
 SSTD02040

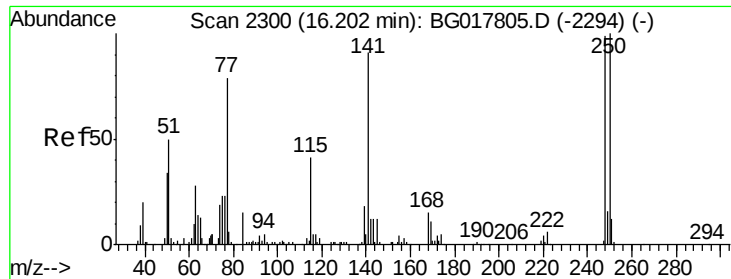
Tgt Ion:198 Resp: 46366
 Ion Ratio Lower Upper
 198 100
 182 3.0 2.4 3.6
 77 24.9 19.9 29.9



#64
 N-Nitrosodiphenylamine
 Concen: 20.77 ng/ul
 RT: 15.52 min Scan# 2184
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

Tgt Ion:169 Resp: 250294
 Ion Ratio Lower Upper
 169 100
 168 69.1 55.3 82.9
 167 36.1 28.9 43.3

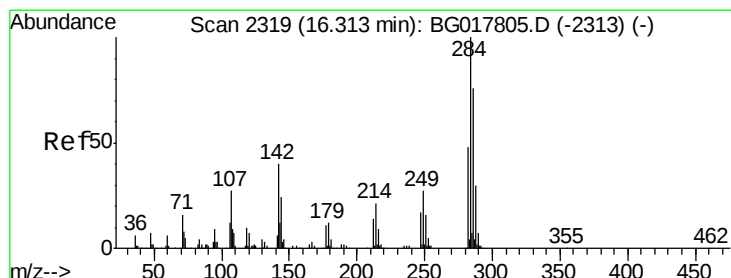
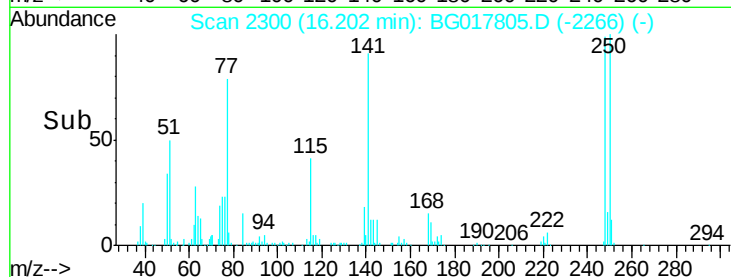
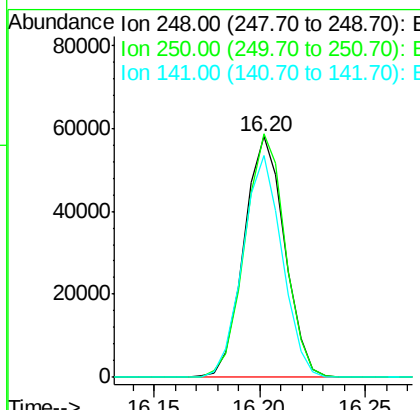
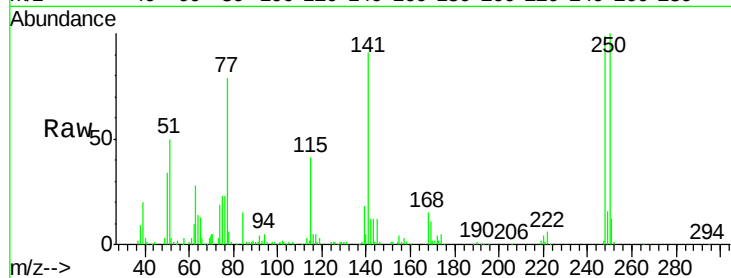




#65
4-Bromophenyl-phenylether
Concen: 19.86 ng/ul
RT: 16.20 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

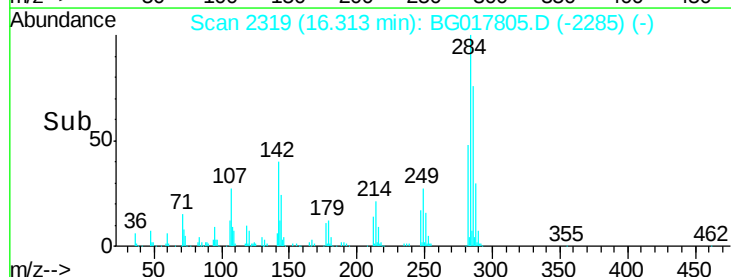
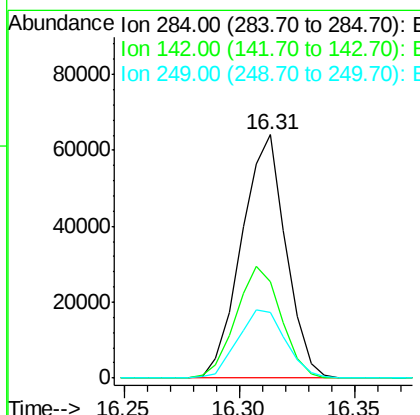
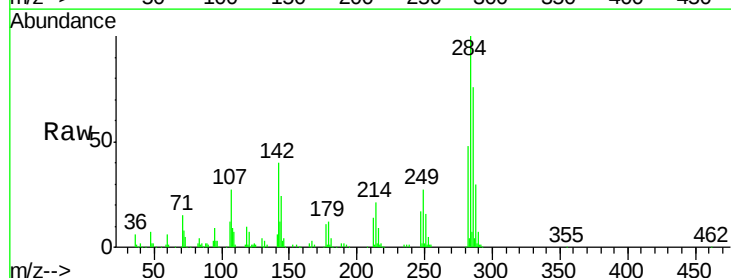
Instrument :
BNA_G
ClientSampleId :
SSTD02040

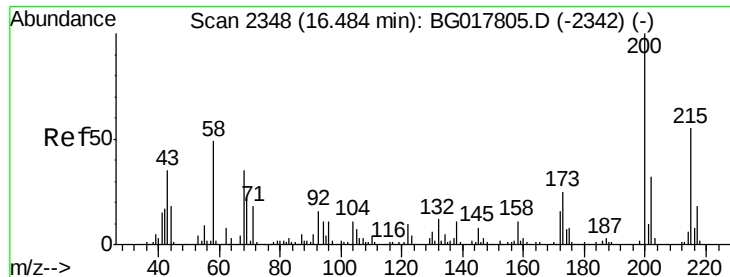
Tgt Ion:248 Resp: 77569
Ion Ratio Lower Upper
248 100
250 101.2 81.0 121.4
141 92.0 73.6 110.4



#66
Hexachlorobenzene
Concen: 20.63 ng/ul
RT: 16.31 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

Tgt Ion:284 Resp: 85696
Ion Ratio Lower Upper
284 100
142 39.7 31.8 47.6
249 28.8 23.0 34.6

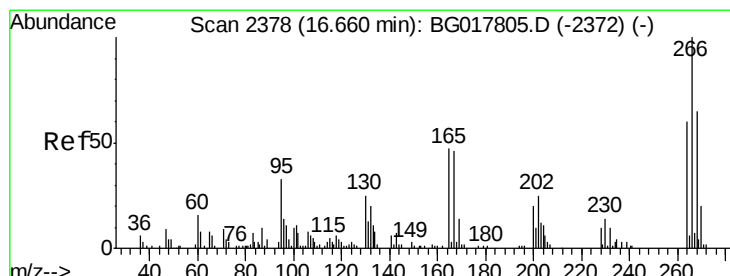
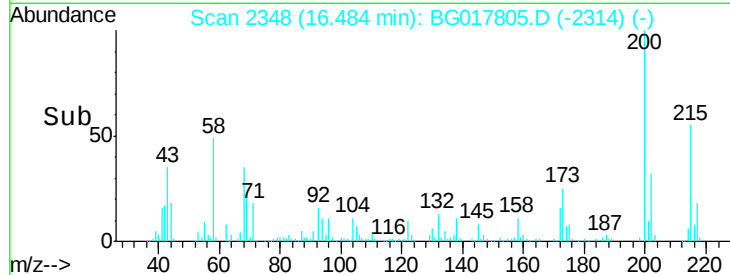
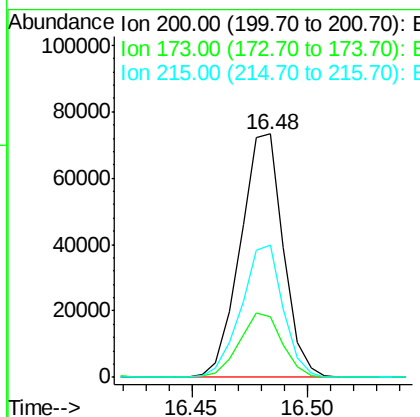
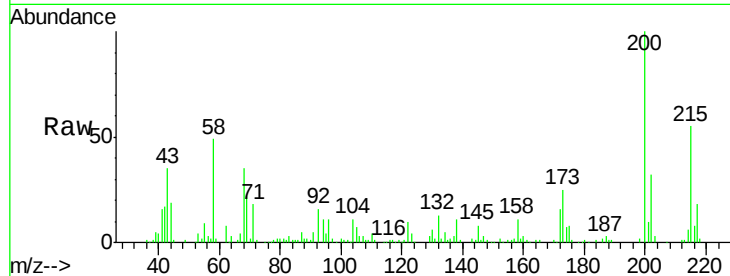




#67
 Atrazine
 Concen: 22.95 ng/ul
 RT: 16.48 min Scan# 2348
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

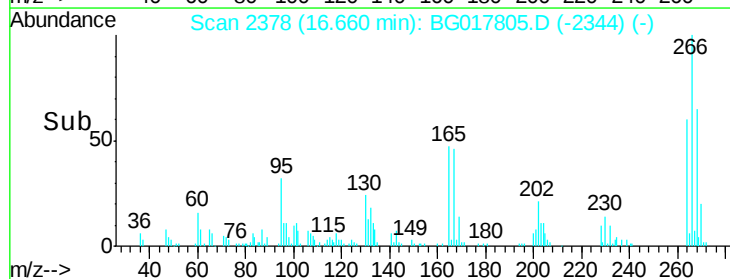
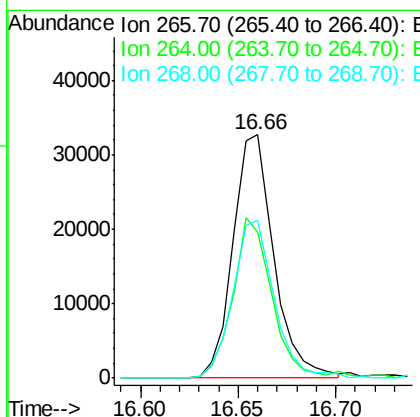
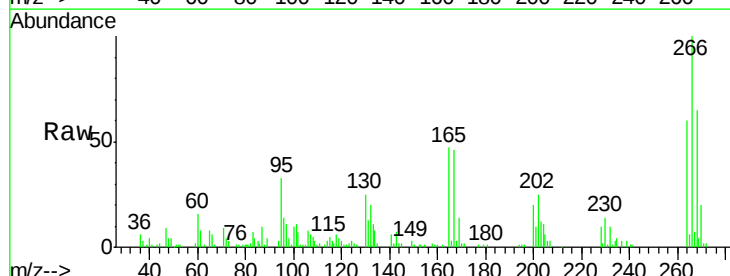
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02040

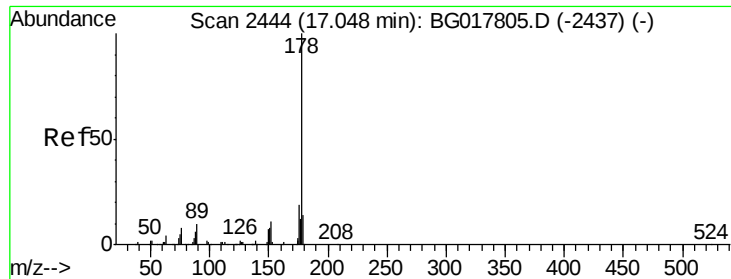
Tgt Ion:200 Resp: 95160
 Ion Ratio Lower Upper
 200 100
 173 25.1 20.1 30.1
 215 54.5 43.6 65.4



#68
 Pentachlorophenol
 Concen: 27.42 ng/ul
 RT: 16.66 min Scan# 2378
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

Tgt Ion:266 Resp: 47485
 Ion Ratio Lower Upper
 266 100
 264 60.3 48.2 72.4
 268 64.9 51.9 77.9





#69

Phenanthrene

Concen: 20.68 ng/ul

RT: 17.05 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampleId :

SSTD02040

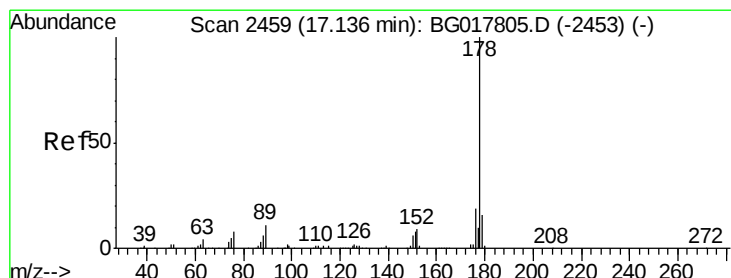
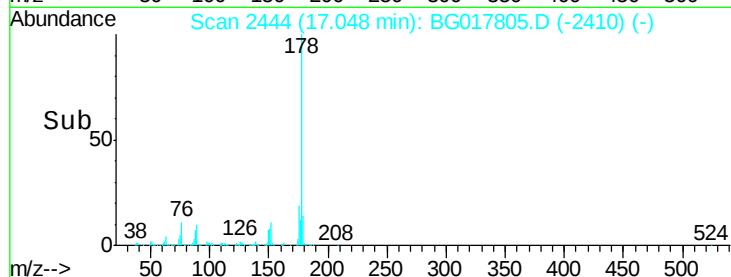
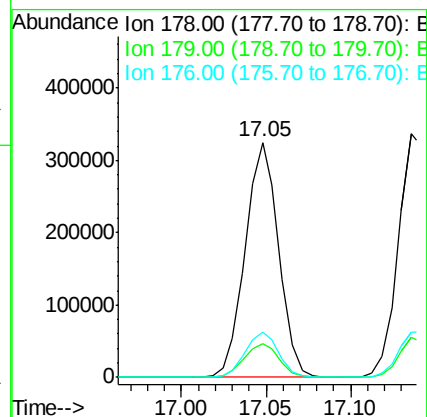
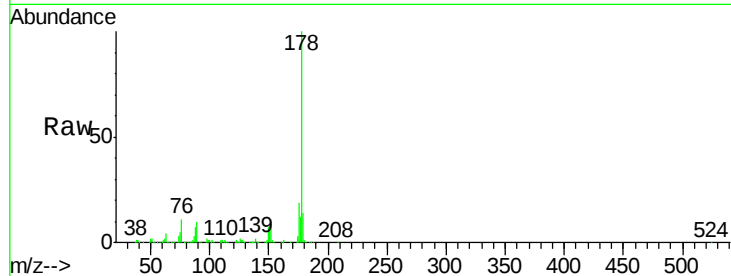
Tgt Ion:178 Resp: 446284

Ion Ratio Lower Upper

178 100

179 14.1 11.3 16.9

176 19.4 15.5 23.3



#71

Anthracene

Concen: 20.86 ng/ul

RT: 17.14 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

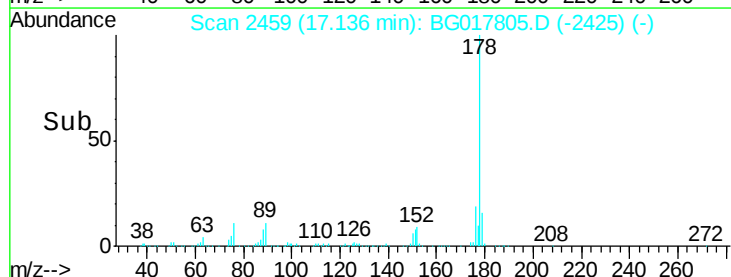
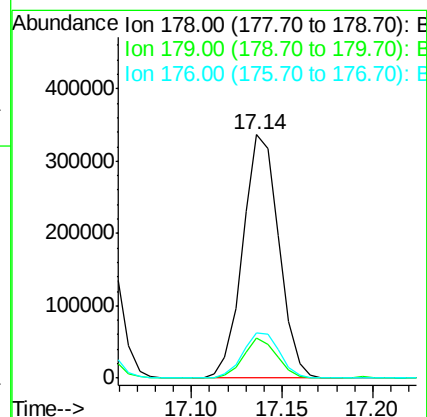
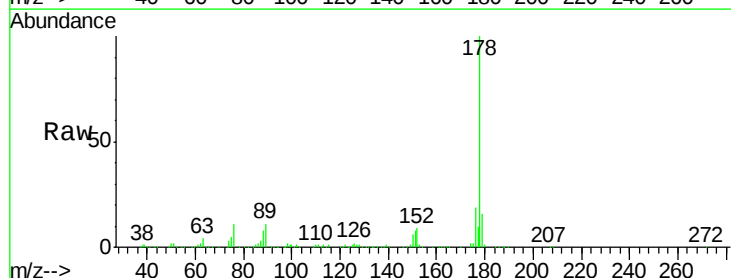
Tgt Ion:178 Resp: 464399

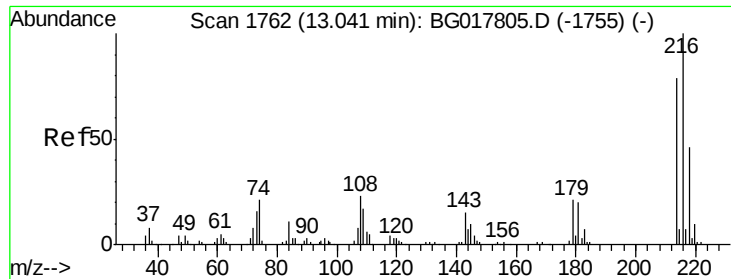
Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

176 18.8 15.0 22.6





#72

1,2,3,4-Tetrachlorobenzene

Concen: 20.08 ng/uL

RT: 13.04 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampleId :

SSTD02040

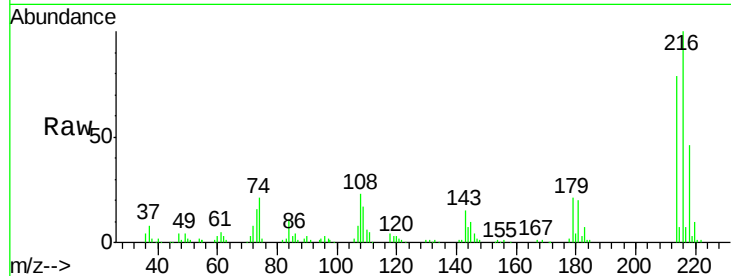
Tgt Ion:216 Resp: 93253

Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.6

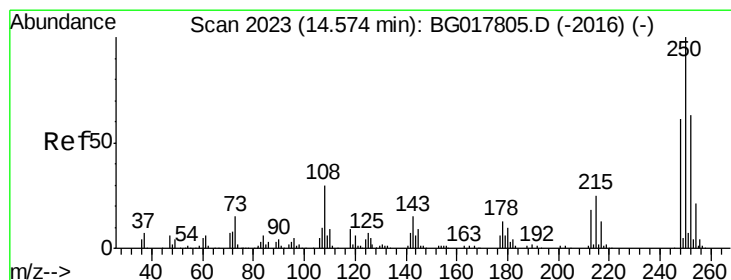
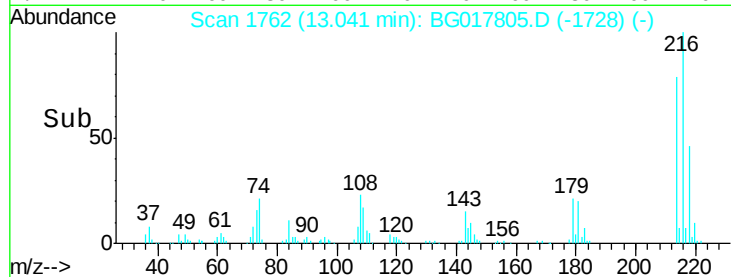
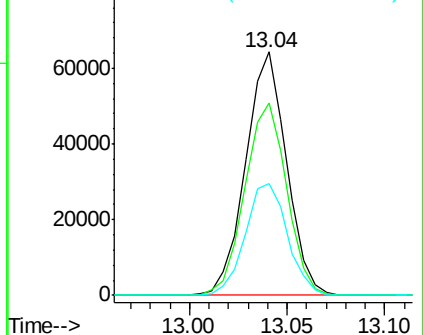
218 45.9 36.7 55.1



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 20.01 ng/uL

RT: 14.57 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

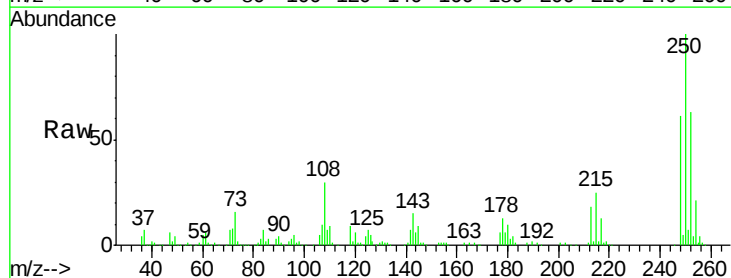
Tgt Ion:250 Resp: 95064

Ion Ratio Lower Upper

250 100

248 61.1 48.9 73.3

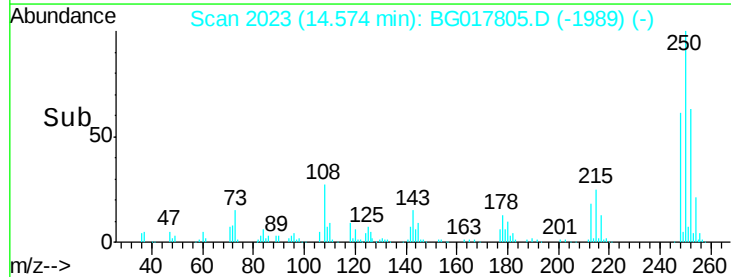
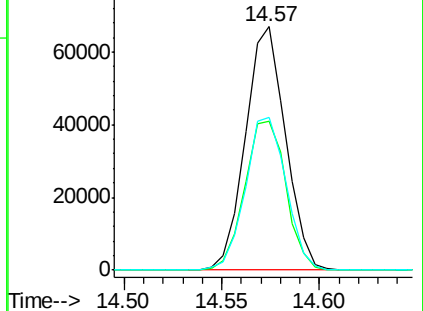
252 62.7 50.2 75.2

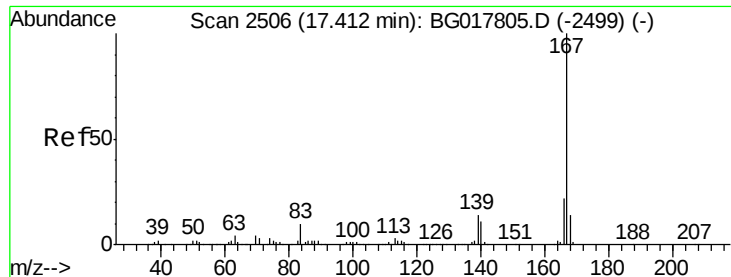


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

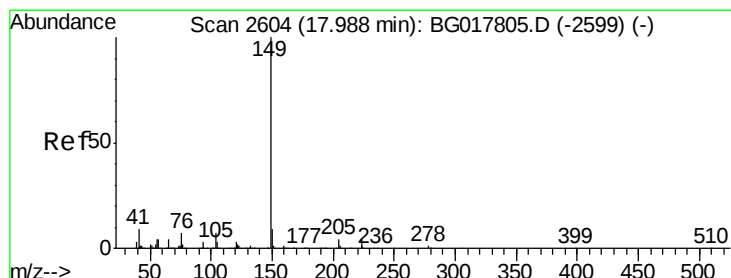
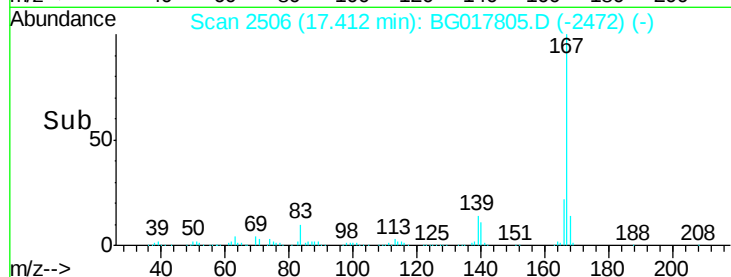
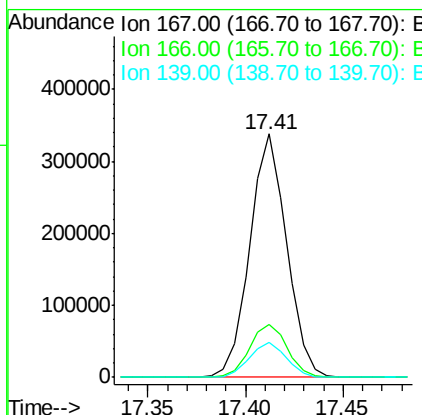
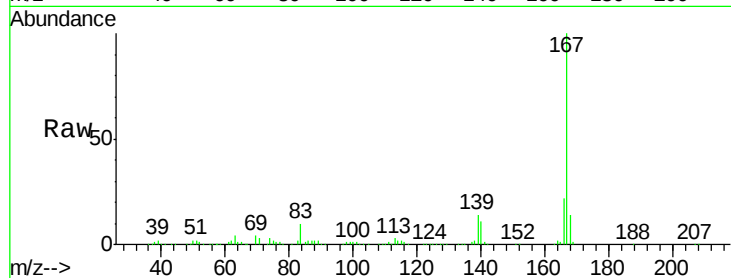




#74
 Carbazole
 Concen: 23.69 ng/ul
 RT: 17.41 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

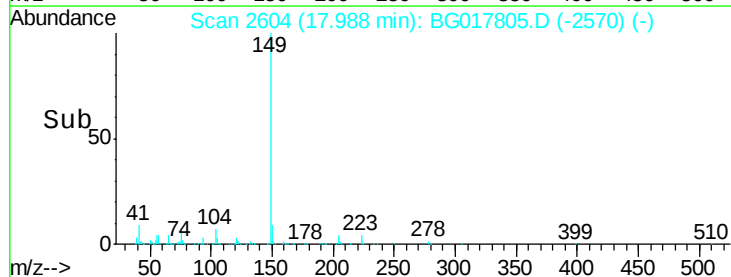
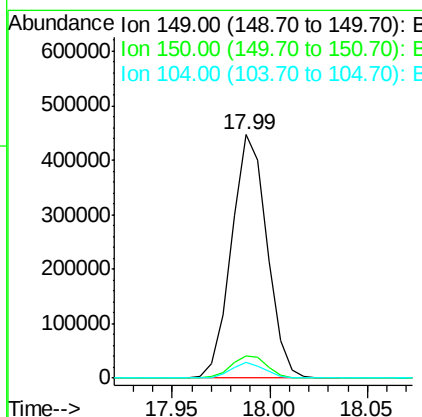
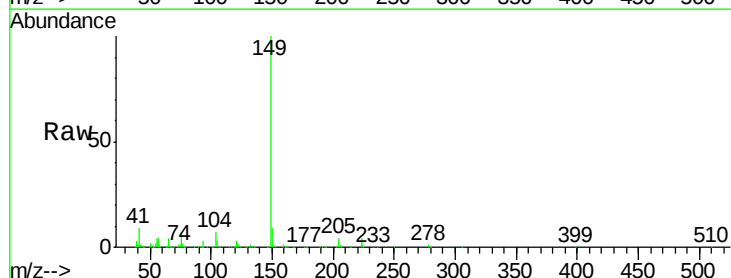
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02040

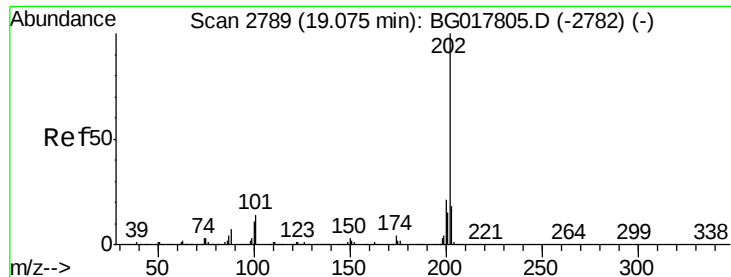
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	14.4	11.5	17.3



#75
 Di-n-butylphthalate
 Concen: 21.85 ng/ul
 RT: 17.99 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: BG017805.D
 Acq: 9 Jul 2015 13:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	6.7	5.4	8.0

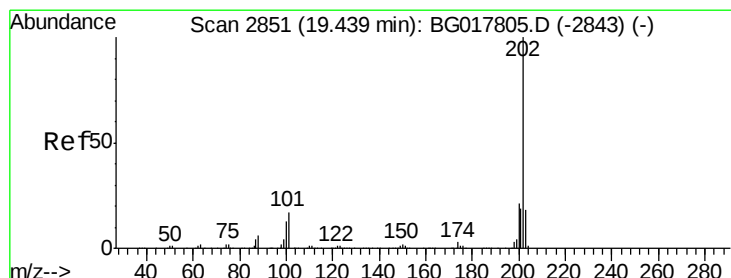
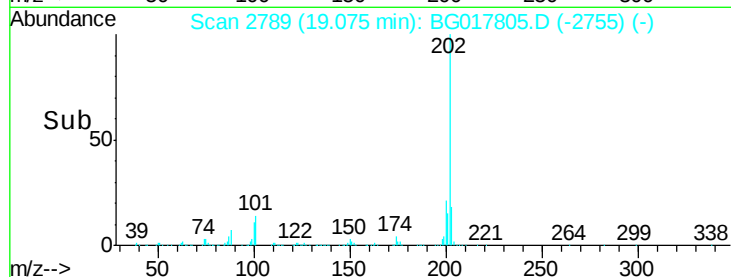
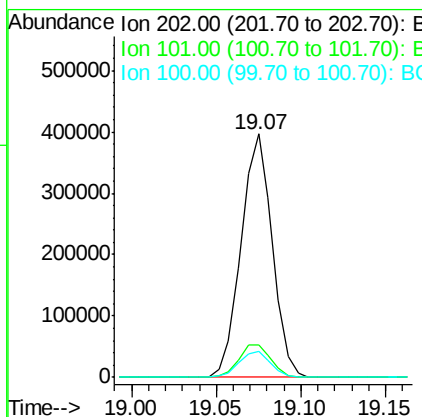
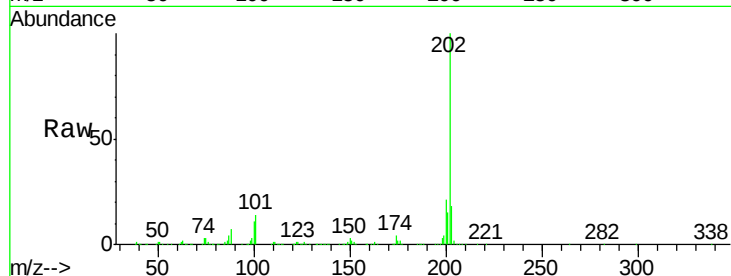




#76
Fluoranthene
Concen: 24.23 ng/ul
RT: 19.07 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

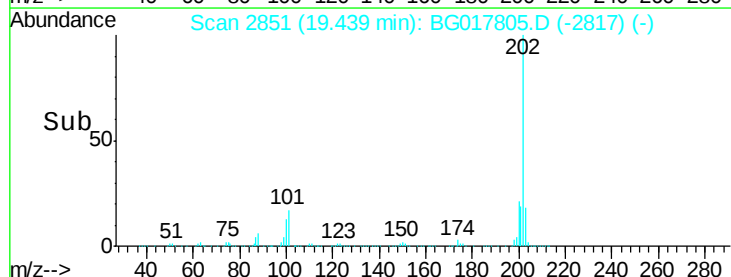
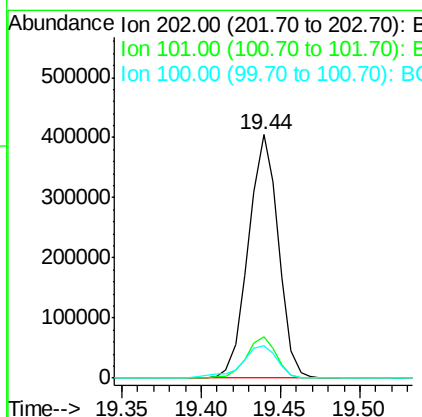
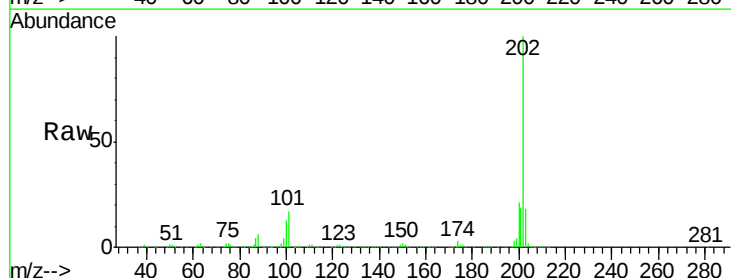
Instrument :
BNA_G
ClientSampleId :
SSTD02040

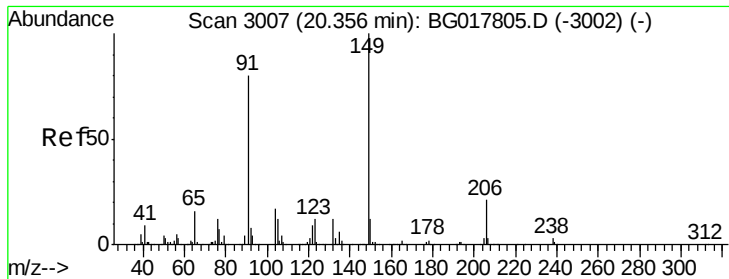
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
100	10.7	8.6	12.8



#79
Pyrene
Concen: 20.96 ng/ul
RT: 19.44 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.0	13.6	20.4
100	13.4	10.7	16.1

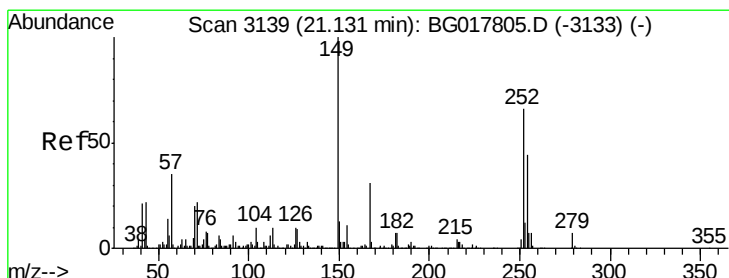
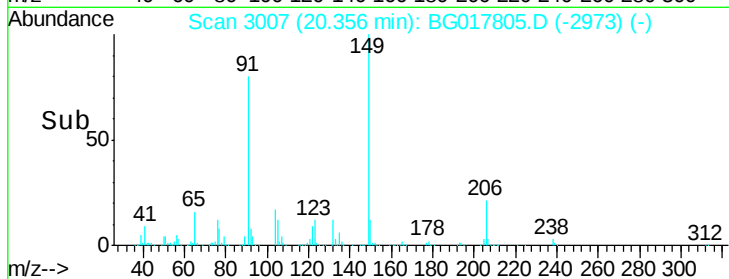
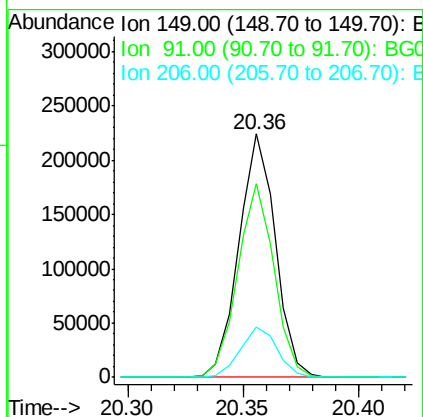
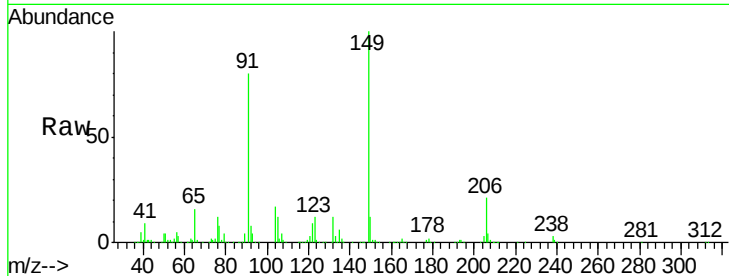




#80
Butylbenzylphthalate
Concen: 21.29 ng/ul
RT: 20.36 min Scan# 3007
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

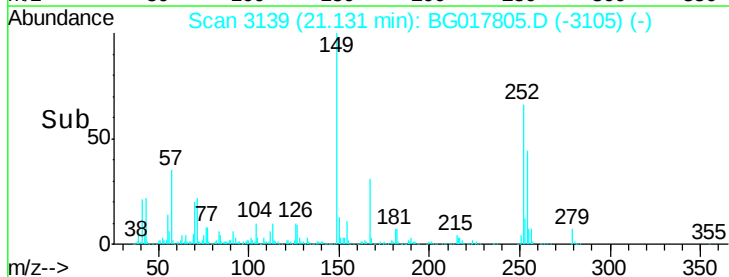
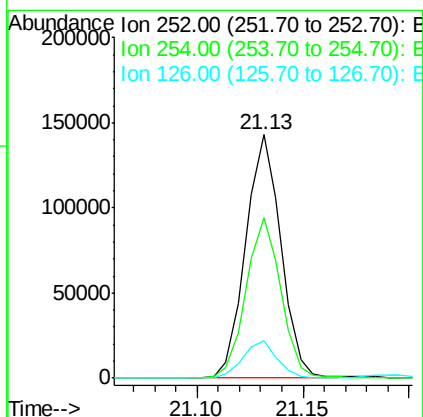
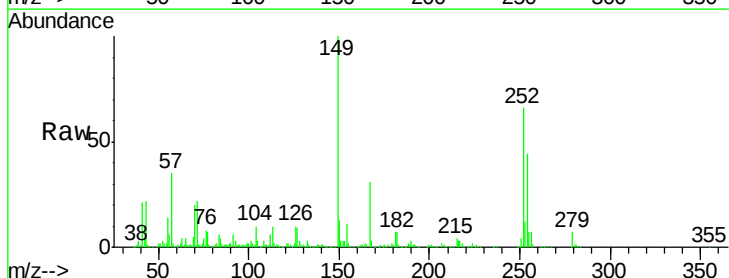
Instrument :
BNA_G
ClientSampleId :
SSTD02040

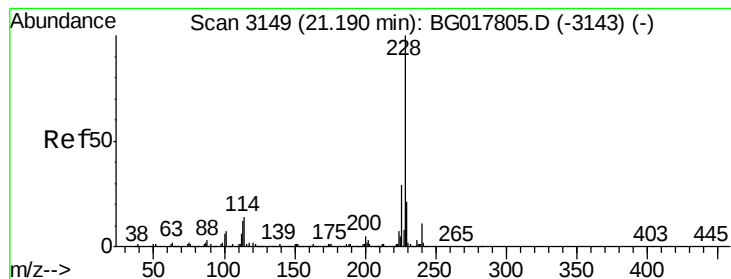
Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.7	63.8	95.6
206	20.7	16.6	24.8



#81
3,3'-Dichlorobenzidine
Concen: 23.00 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG017805.D
Acq: 9 Jul 2015 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.7	79.1
126	15.5	12.4	18.6





#82

Benzo(a)anthracene

Concen: 20.88 ng/ul

RT: 21.19 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampleId :

SSTD02040

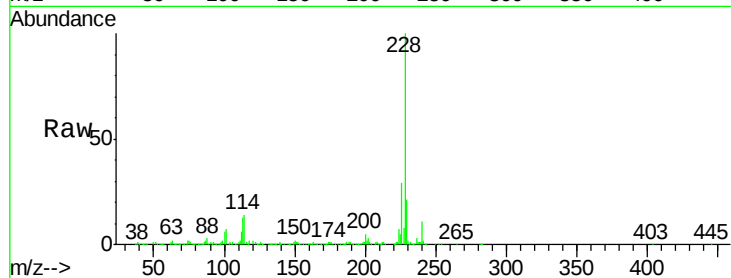
Tgt Ion:228 Resp: 476717

Ion Ratio Lower Upper

228 100

229 21.1 16.9 25.3

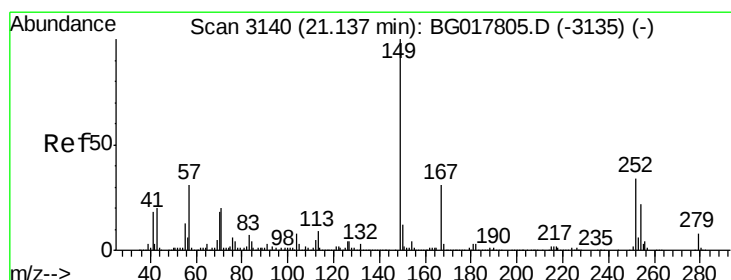
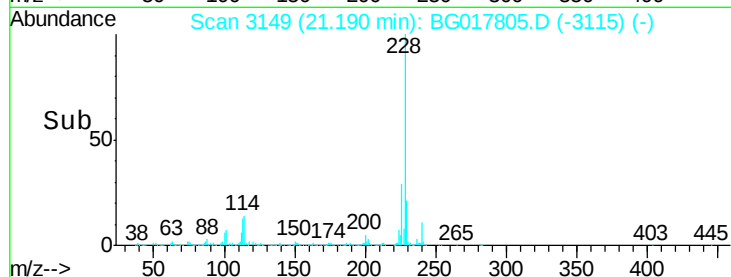
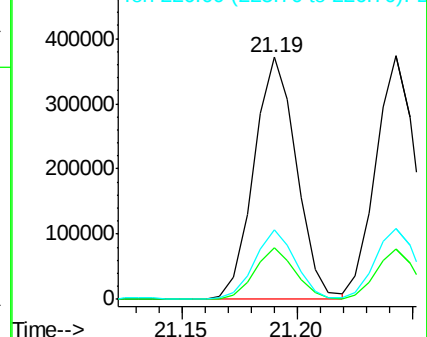
226 28.6 22.9 34.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 20.85 ng/ul

RT: 21.14 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

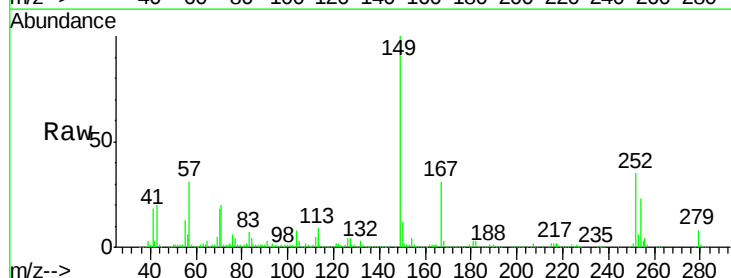
Tgt Ion:149 Resp: 336739

Ion Ratio Lower Upper

149 100

167 31.1 24.9 37.3

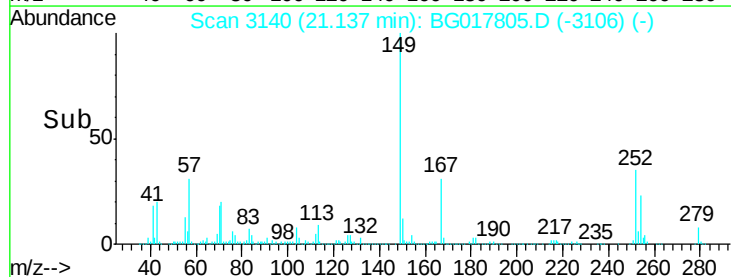
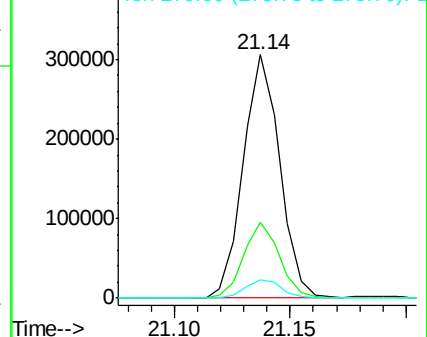
279 7.7 6.2 9.2

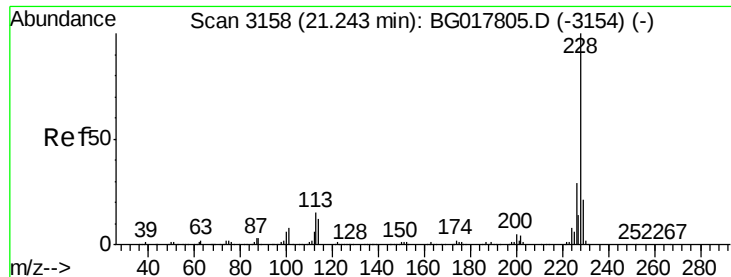


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 20.60 ng/ul

RT: 21.24 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampleId :

SSTD02040

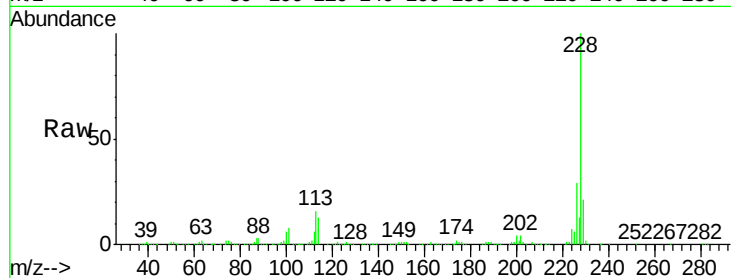
Tgt Ion:228 Resp: 444916

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

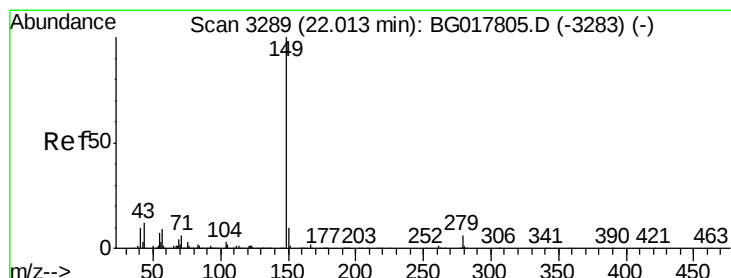
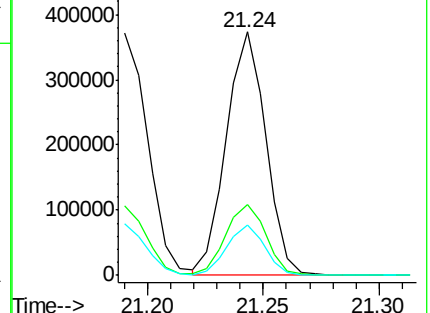
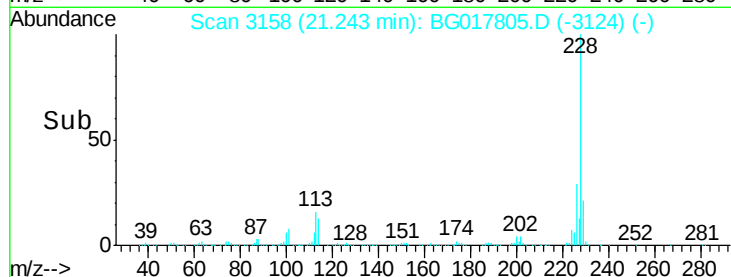
229 20.6 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 24.11 ng/ul

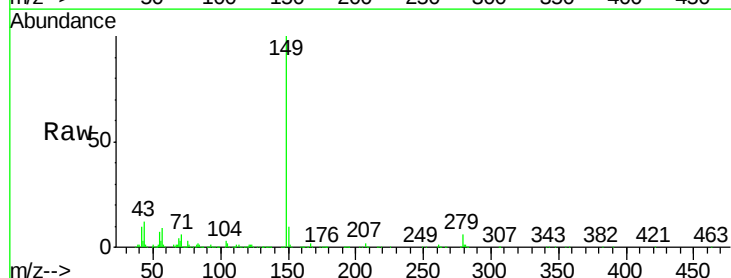
RT: 22.01 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BG017805.D

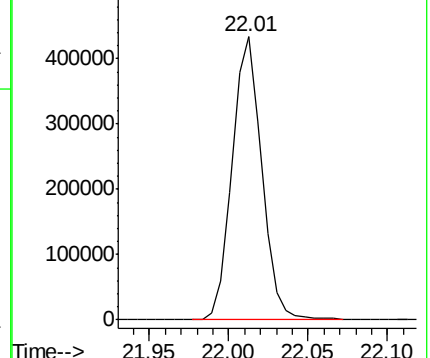
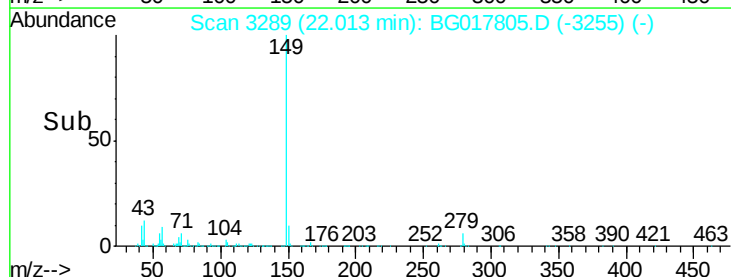
Acq: 9 Jul 2015 13:08

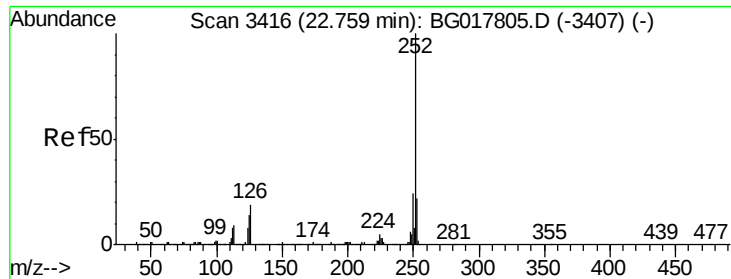
Tgt Ion:149 Resp: 559679



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 20.35 ng/ul

RT: 22.76 min Scan# 3416

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampleId :

SSTD02040

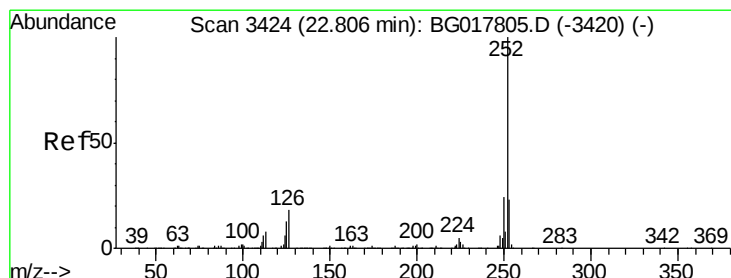
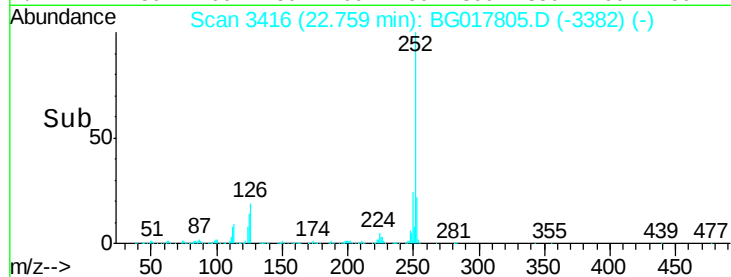
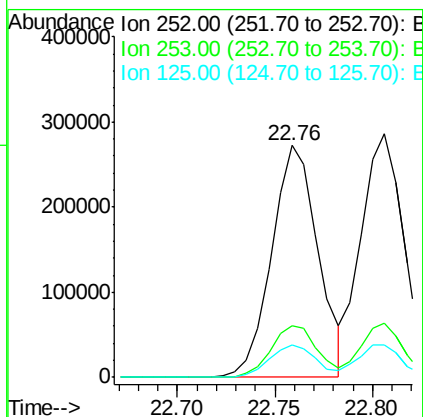
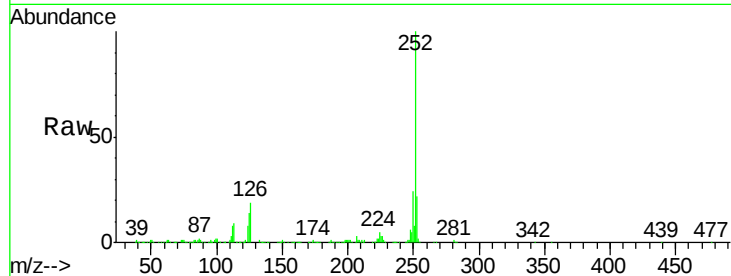
Tgt Ion:252 Resp: 448946

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 14.2 11.4 17.0



#88

Benzo(k)fluoranthene

Concen: 20.66 ng/ul

RT: 22.81 min Scan# 3424

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

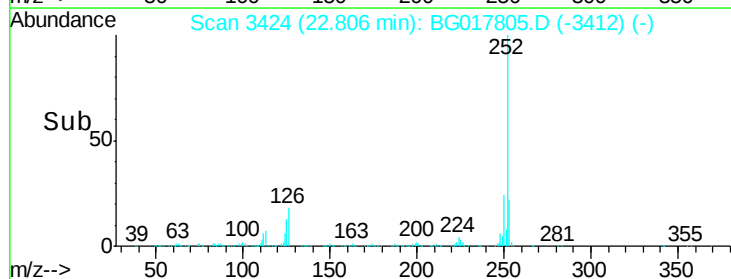
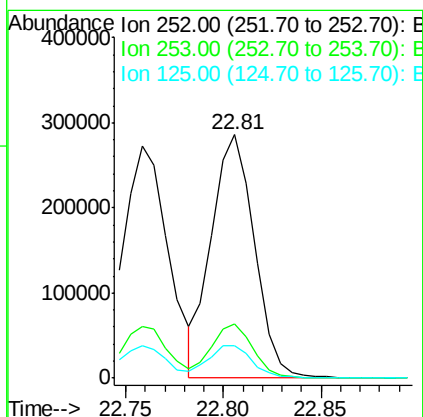
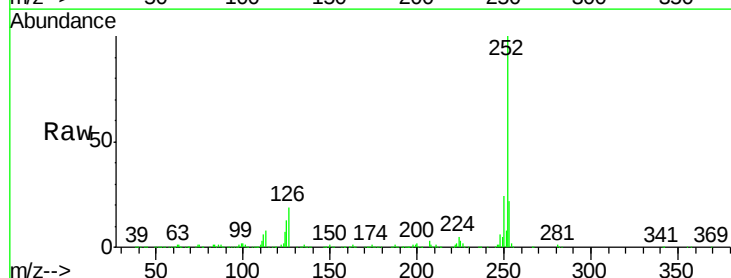
Tgt Ion:252 Resp: 434052

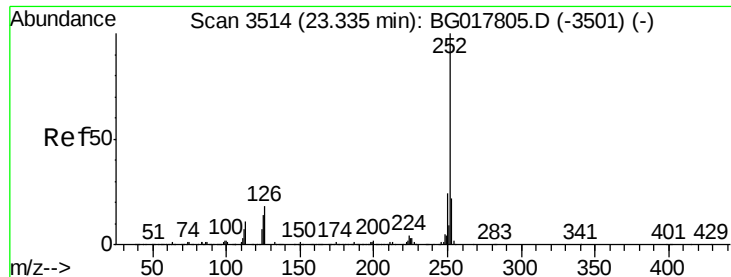
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 13.4 10.7 16.1





#90

Benzo(a)pyrene

Concen: 20.56 ng/ul

RT: 23.33 min Scan# 3514

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampleId :

SSTD02040

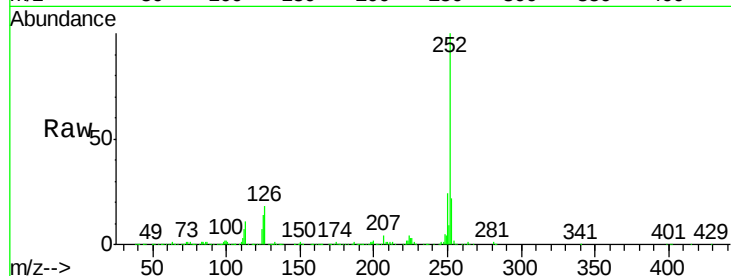
Tgt Ion:252 Resp: 433741

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

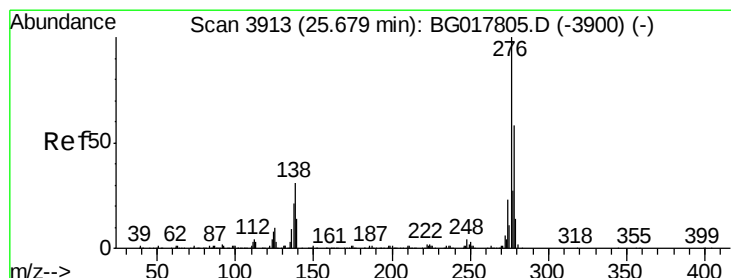
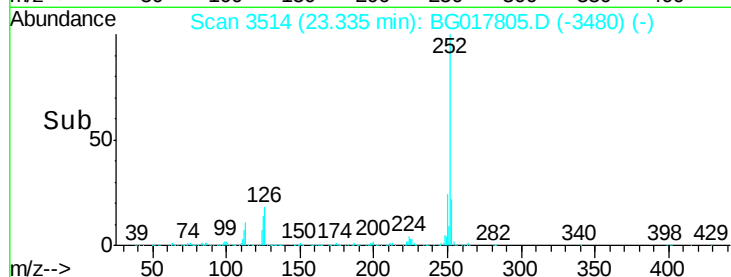
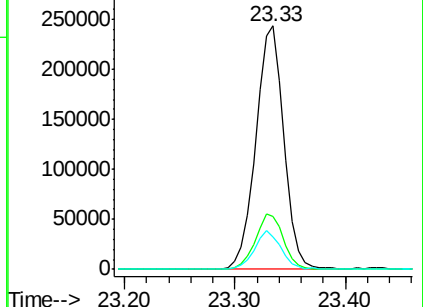
125 13.5 10.8 16.2



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 20.75 ng/ul

RT: 25.68 min Scan# 3913

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

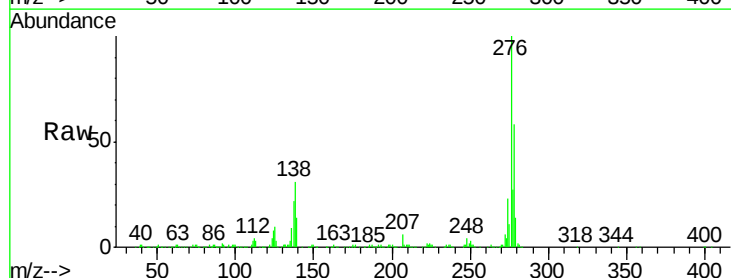
Tgt Ion:276 Resp: 478597

Ion Ratio Lower Upper

276 100

138 30.9 24.7 37.1

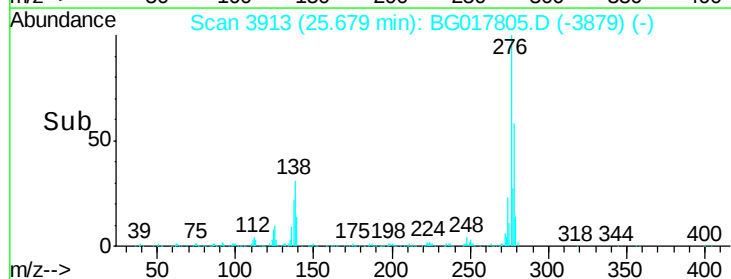
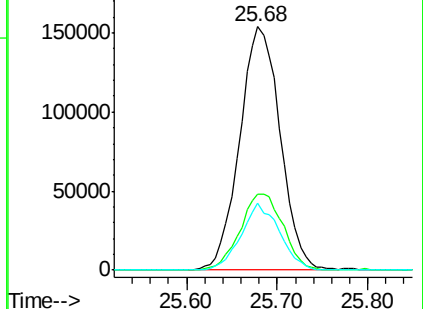
277 27.3 21.8 32.8

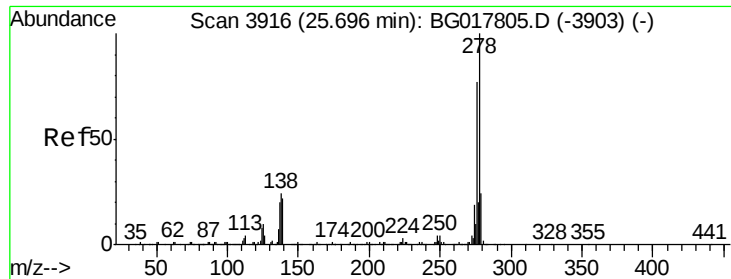


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 21.15 ng/ul

RT: 25.70 min Scan# 3916

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

Instrument :

BNA_G

ClientSampleId :

SSTD02040

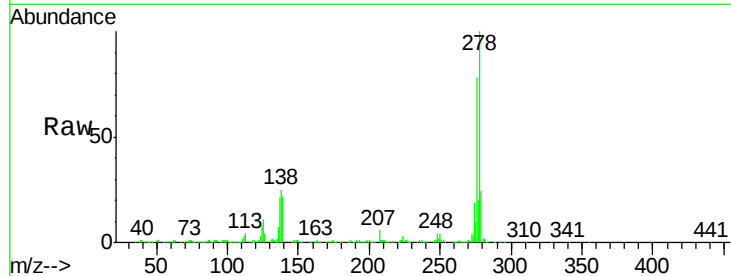
Tgt Ion:278 Resp: 415446

Ion Ratio Lower Upper

278 100

139 21.5 17.2 25.8

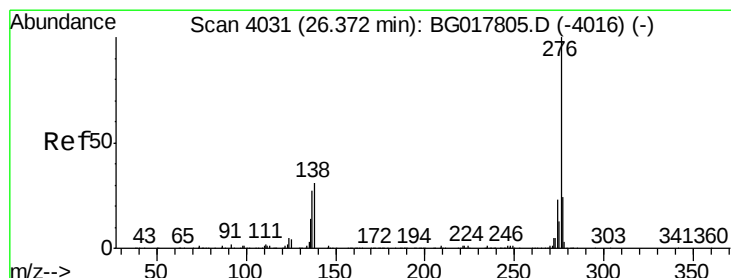
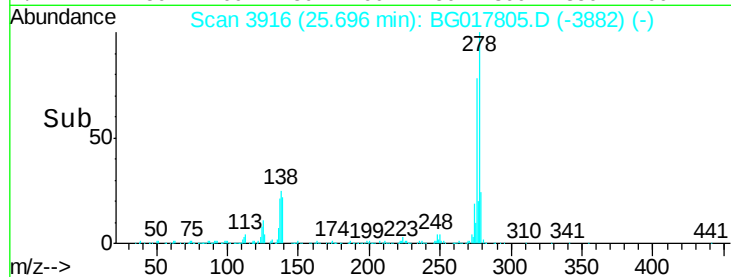
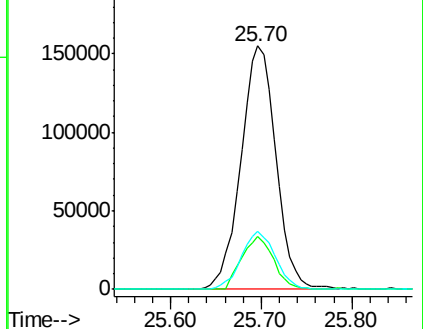
279 23.8 19.0 28.6



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



#93

Benzo(g,h,i)perylene

Concen: 20.66 ng/ul

RT: 26.37 min Scan# 4031

Delta R.T. 0.00 min

Lab File: BG017805.D

Acq: 9 Jul 2015 13:08

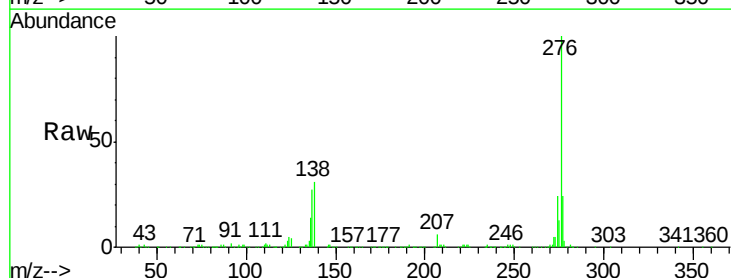
Tgt Ion:276 Resp: 399590

Ion Ratio Lower Upper

276 100

138 30.9 24.7 37.1

277 24.2 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

