

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070216\
 Data File : BG022819.D
 Acq On : 3 Jul 2016 7:48
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02016

Quant Time: Jul 04 00:44:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 00:41:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	115331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	504098	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	381232	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	963995	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1054128	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1079917	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	17250	8.36	ng/uL	0.00
5) Phenol-d5	7.30	99	225645	18.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	139668	20.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	150517	18.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	177229	18.81	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	82448	20.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	93087	19.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	192728	19.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	1331	0.16	ng/ul	0.19
43) Dimethylphthalate-d6	14.20	166	647399	20.90	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	745885	21.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	106649	21.93	ng/ul	0.00
57) Fluorene-d10	15.79	176	611338	20.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	124621	20.10	ng/ul	0.00
70) Anthracene-d10	17.65	188	907638	20.26	ng/ul	0.00
76) Pyrene-d10	19.93	212	1078044	21.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.98	264	1042737	20.32	ng/ul	-0.01

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.57	88	19204	7.94	ng/uL#	65
4) Benzaldehyde	7.29	77	158525	20.55	ng/ul	92
6) Phenol	7.33	94	232604	18.72	ng/ul#	61
8) Bis(2-Chloroethyl)ether	7.57	93	172382	20.29	ng/ul	93
10) 2-Chlorophenol	7.72	128	151868	18.43	ng/ul#	83
11) 2-Methylphenol	8.60	108	173794	18.62	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.69	45	202841	21.23	ng/ul	96
14) Acetophenone	8.99	105	302329	19.87	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.96	70	178965	19.57	ng/ul#	89
16) 4-Methylphenol	8.93	108	187600	18.08	ng/ul	97
17) Hexachloroethane	9.26	117	69980	19.94	ng/ul#	65
20) Nitrobenzene	9.37	77	250558	20.27	ng/ul#	82
21) Isophorone	9.89	82	474250	21.51	ng/ul#	89
23) 2-Nitrophenol	10.09	139	99962	19.43	ng/ul#	35
25) Bis(2-Chloroethoxy)methane	10.38	93	267869	20.59	ng/ul#	96
27) 2,4-Dichlorophenol	10.63	162	198692	19.50	ng/ul	95
28) Naphthalene	11.04	128	515112	19.98	ng/ul	97
30) 4-Chloroaniline	11.14	127	193149	22.03	ng/ul	91
31) Hexachlorobutadiene	11.31	225	164454	20.95	ng/ul	91
32) Caprolactam	11.89	113	69531	20.45	ng/ul#	57
33) 4-Chloro-3-methylphenol	12.26	107	244812	18.99	ng/ul#	79
34) 2-Methylnaphthalene	12.63	142	434600	20.38	ng/ul	93
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	305813	21.46	ng/ul	99

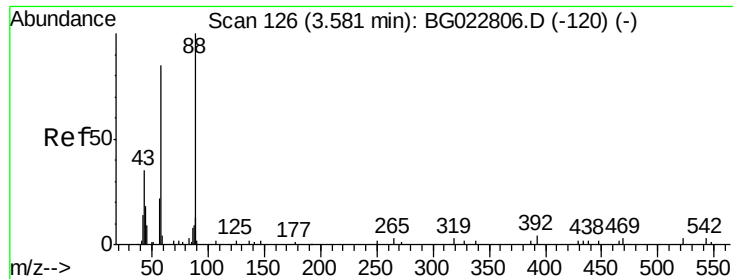
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070216\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Hexachlorocyclopentadiene	12.97	237	174607	20.29	ng/ul#	92
38) 2,4,6-Trichlorophenol	13.23	196	201134	20.46	ng/ul	95
39) 2,4,5-Trichlorophenol	13.31	196	206947	20.01	ng/ul	96
40) 1,1'-Biphenyl	13.63	154	604927	20.87	ng/ul	92
41) 2-Chloronaphthalene	13.68	162	484728	20.65	ng/ul	97
42) 2-Nitroaniline	13.88	65	188126	20.72	ng/ul#	58
44) Dimethylphthalate	14.24	163	655095	20.72	ng/ul#	97
45) 2,6-Dinitrotoluene	14.37	165	133701	19.53	ng/ul#	77
47) Acenaphthylene	14.52	152	756343	21.16	ng/ul	98
48) 3-Nitroaniline	14.70	138	121368	22.69	ng/ul#	50
49) Acenaphthene	14.86	153	502467	20.69	ng/ul	94
50) 2,4-Dinitrophenol	14.90	184	77282	20.31	ng/ul#	69
53) Dibenzofuran	15.20	168	773427	20.62	ng/ul#	84
54) 2,4-Dinitrotoluene	15.15	165	204410	20.65	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.42	232	214537	20.38	ng/ul#	94
56) Diethylphthalate	15.60	149	672078	20.92	ng/ul	95
58) Fluorene	15.85	166	630033	20.90	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.84	204	367365	20.35	ng/ul	99
60) 4-Nitroaniline	15.87	138	138062	21.48	ng/ul#	41
63) 4,6-Dinitro-2-methylphenol	15.92	198	135972	20.69	ng/ul#	90
64) N-Nitrosodiphenylamine	16.05	169	567304	19.98	ng/ul	92
65) 4-Bromophenyl-phenylether	16.73	248	252170	19.56	ng/ul	96
66) Hexachlorobenzene	16.85	284	275299	20.17	ng/ul	94
67) Atrazine	16.99	200	246119	20.79	ng/ul	97
68) Pentachlorophenol	17.19	266	158430	20.19	ng/ul	88
69) Phenanthrene	17.59	178	1030354	20.90	ng/ul	98
71) Anthracene	17.69	178	1042756	20.58	ng/ul	97
72) Carbazole	17.96	167	860907	22.96	ng/ul	97
73) Di-n-butylphthalate	18.50	149	1037327	21.55	ng/ul#	95
74) Fluoranthene	19.60	202	1234643	24.04	ng/ul#	86
77) Pyrene	19.96	202	1248870	21.16	ng/ul#	85
78) Butylbenzylphthalate	20.84	149	493163	21.55	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.74	252	472012	23.64	ng/ul#	93
80) Benzo(a)anthracene	21.83	228	1307363	21.14	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	664043	22.49	ng/ul#	95
82) Chrysene	21.90	228	1202756	21.37	ng/ul	96
84) Di-n-octyl phthalate	22.98	149	1131990	23.78	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1341013	19.87	ng/ul#	92
86) Benzo(k)fluoranthene	24.21	252	1293212	20.40	ng/ul#	88
88) Benzo(a)pyrene	25.06	252	1296580	20.22	ng/ul#	90
90) Dibenzo(a,h)anthracene	29.14	278	1154964	20.61	ng/ul#	87
91) Benzo(g,h,i)perylene	30.28	276	791116	14.89	ng/ul#	81

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



#2

1,4-Dioxane

Concen: 7.94 ng/uL

RT: 3.57 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Instrument :

BNA_G

ClientSampleId :

SSTD02016

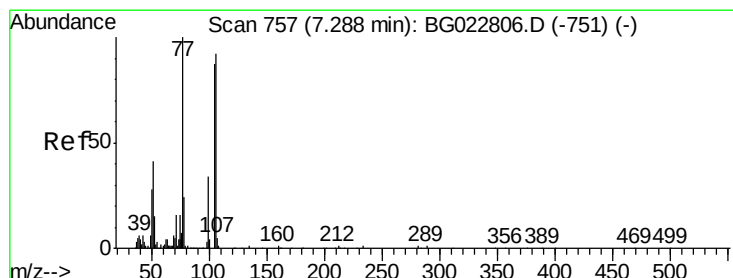
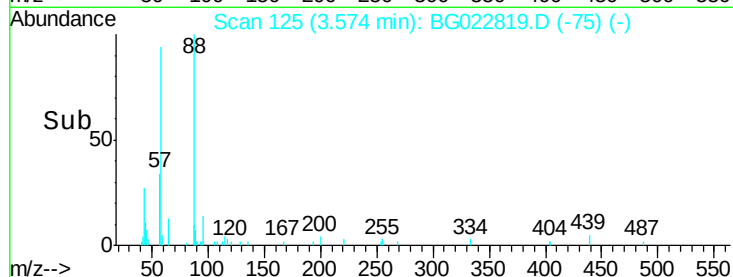
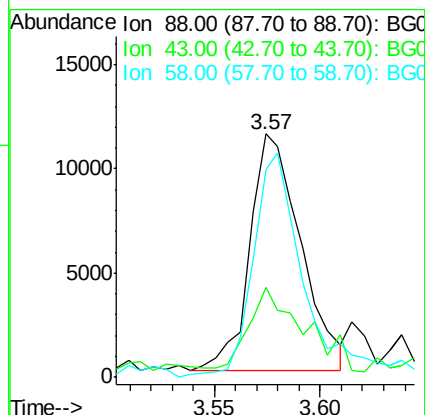
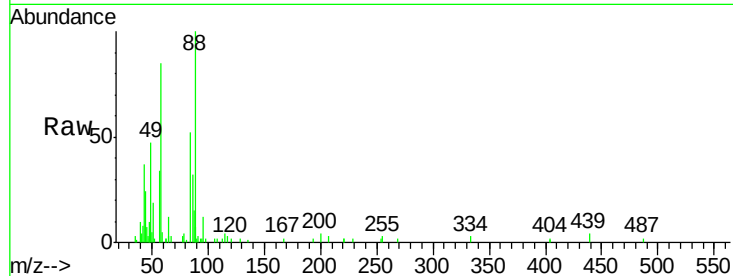
Tot Ion: 88 Resp: 19204

Ion Ratio Lower Upper

88 100

43 36.8 16.6 24.8#

58 85.4 47.2 70.8#



#4

Benzaldehyde

Concen: 20.55 ng/uL

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

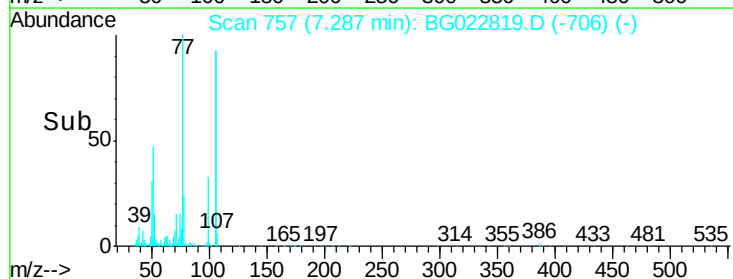
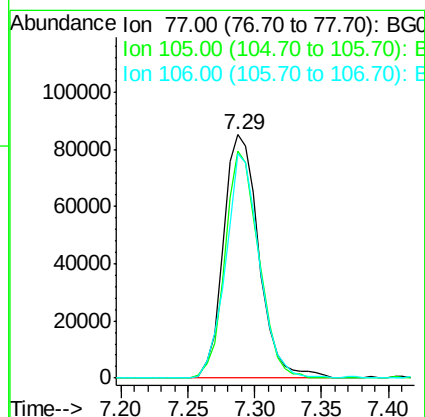
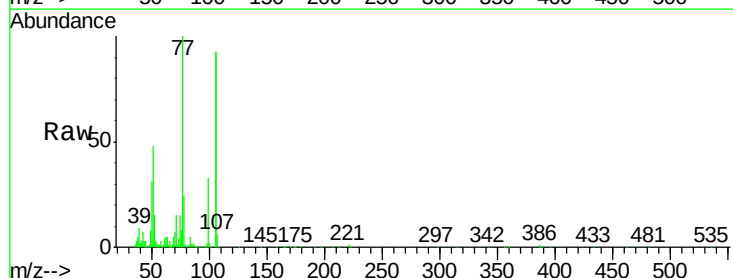
Tgt Ion: 77 Resp: 158525

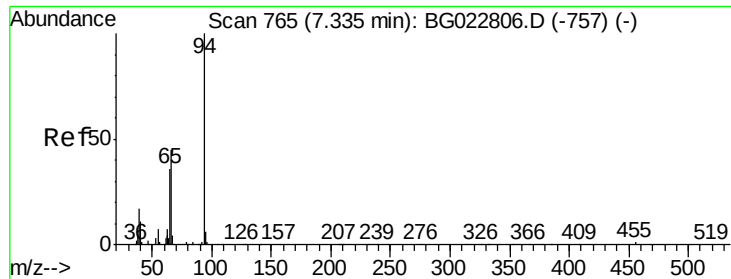
Ion Ratio Lower Upper

77 100

105 93.2 83.8 125.8

106 92.2 77.9 116.9





#6

Phenol

Concen: 18.72 ng/ul

RT: 7.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Instrument :

BNA_G

ClientSampleId :

SSTD02016

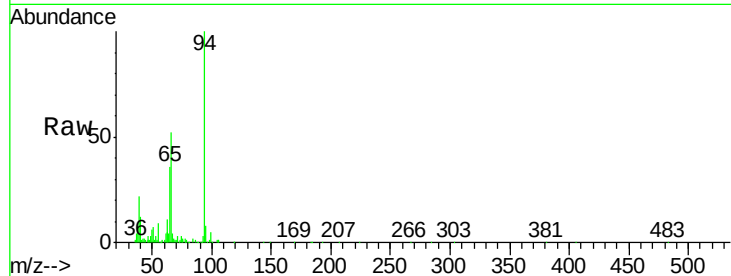
Tot Ion: 94 Resp: 232604

Ion Ratio Lower Upper

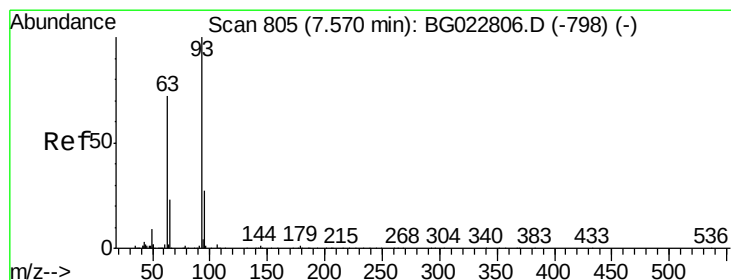
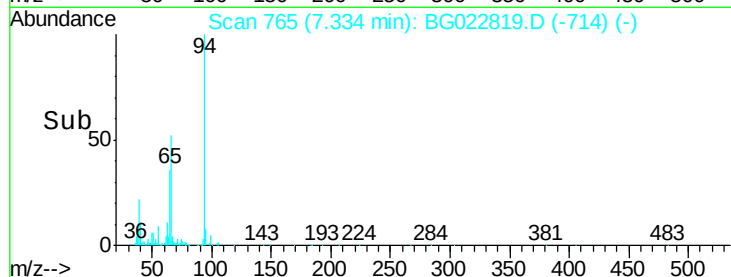
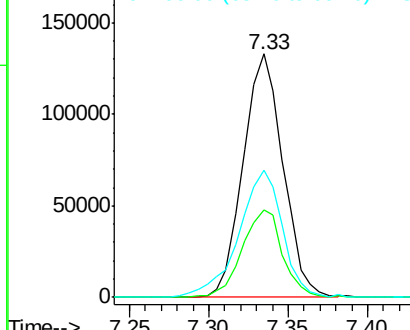
94 100

65 35.7 16.8 25.2#

66 52.0 22.6 33.8#



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: 20.29 ng/ul

RT: 7.57 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

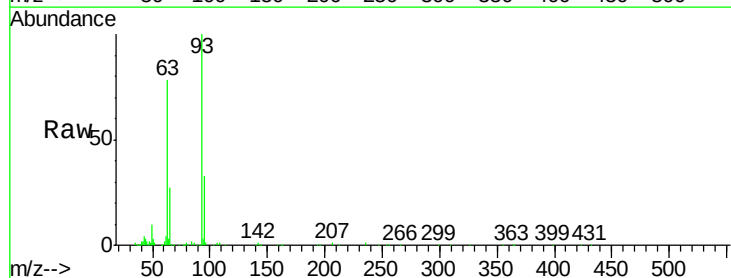
Tgt Ion: 93 Resp: 172382

Ion Ratio Lower Upper

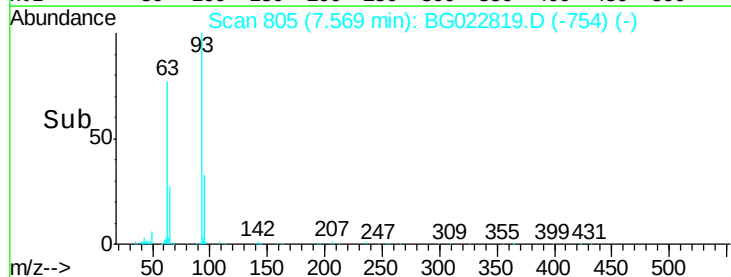
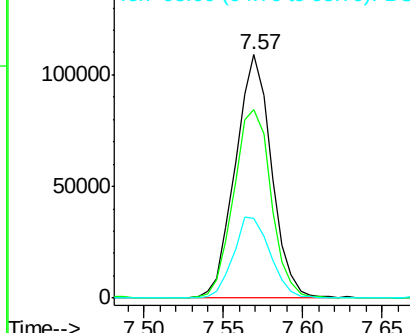
93 100

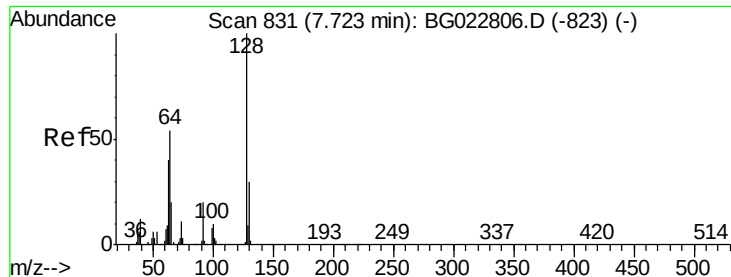
63 77.7 56.0 84.0

95 32.9 27.7 41.5



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

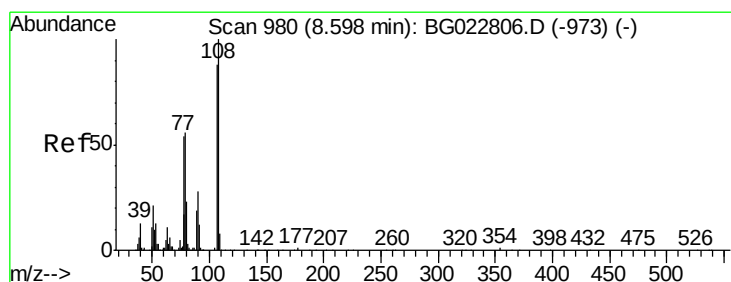
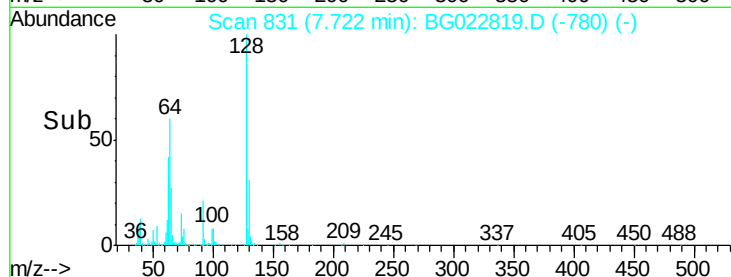
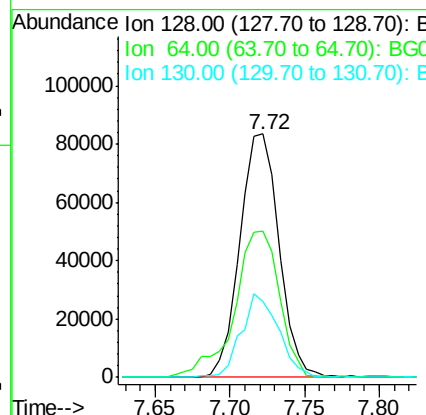
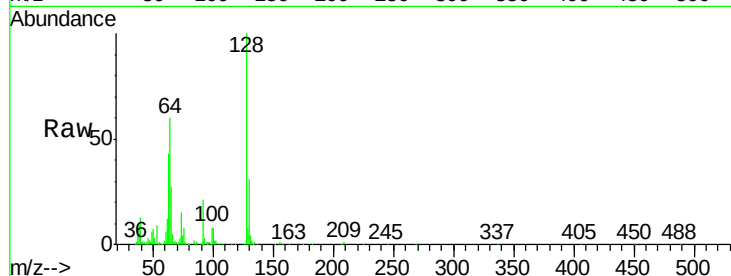




#10
2-Chlorophenol
Concen: 18.43 ng/ul
RT: 7.72 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

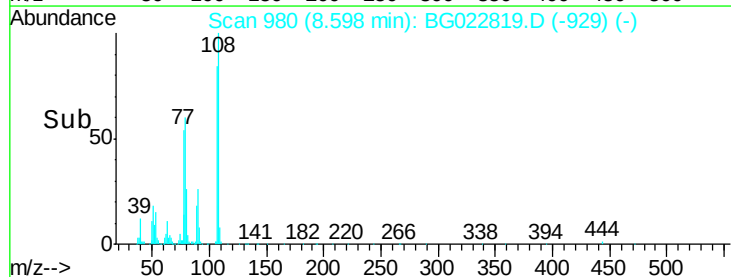
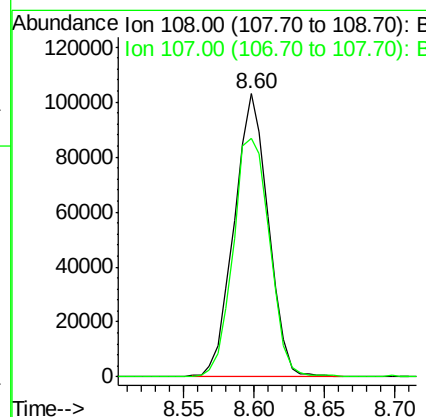
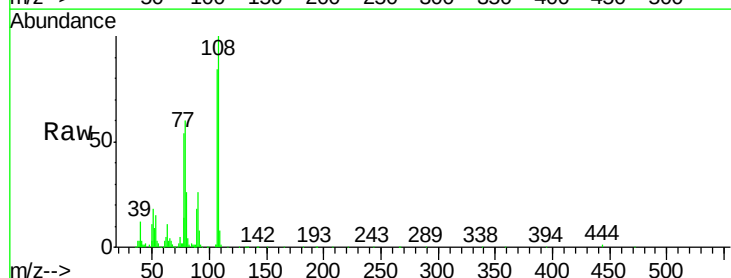
Instrument :
BNA_G
ClientSampleId :
SSTD02016

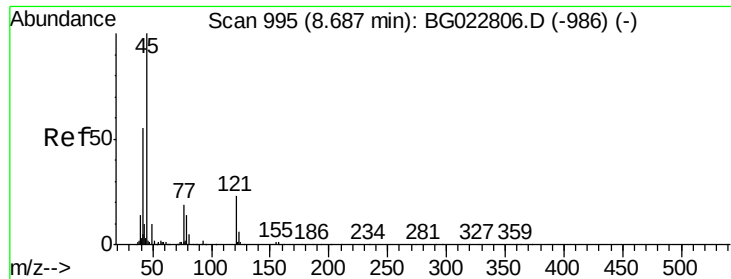
Tot Ion	Ratio	Lower	Upper
128	100		
64	60.1	34.2	51.4#
130	31.4	27.0	40.4



#11
2-Methylphenol
Concen: 18.62 ng/ul
RT: 8.60 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

Tgt Ion	Ratio	Lower	Upper
108	100		
107	84.3	78.6	117.8

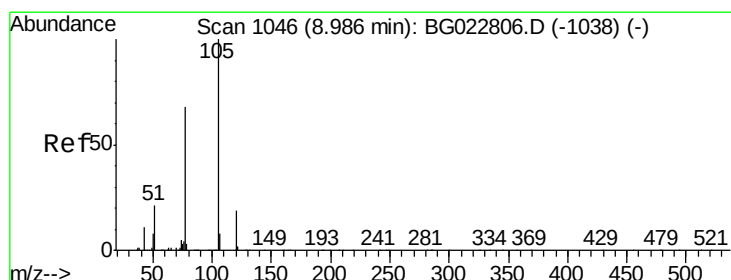
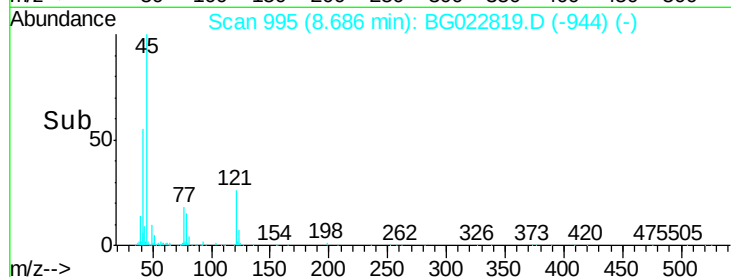
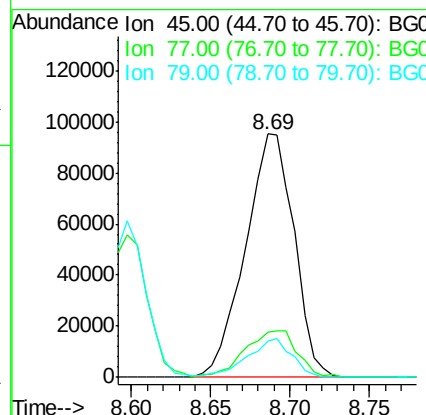
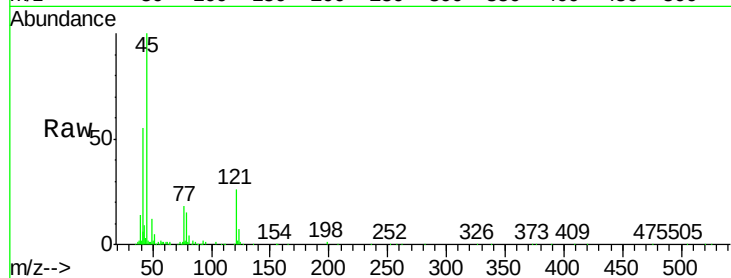




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 21.23 ng/ul
RT: 8.69 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

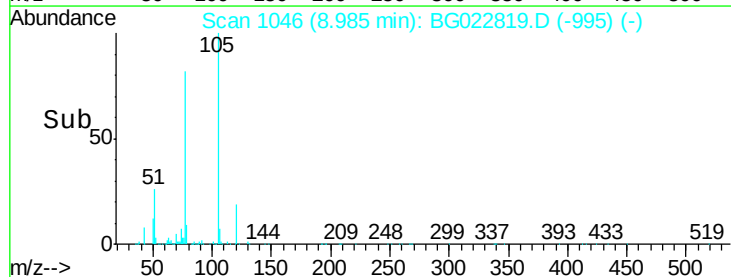
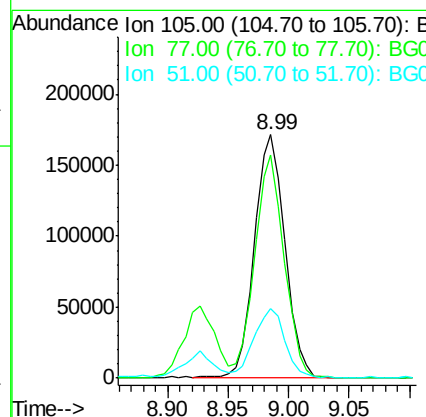
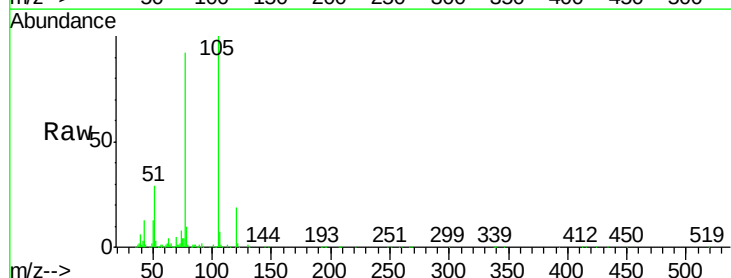
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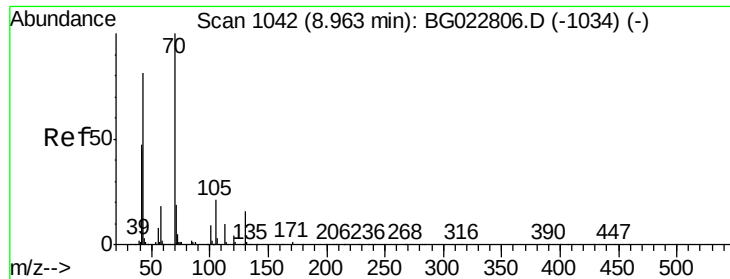
Tot Ion: 45 Resp: 202841
Ion Ratio Lower Upper
45 100
77 18.3 13.4 20.2
79 15.1 10.2 15.4



#14
Acetophenone
Concen: 19.87 ng/ul
RT: 8.99 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

Tgt Ion: 105 Resp: 302329
Ion Ratio Lower Upper
105 100
77 91.7 56.1 84.1#
51 28.7 14.6 22.0#

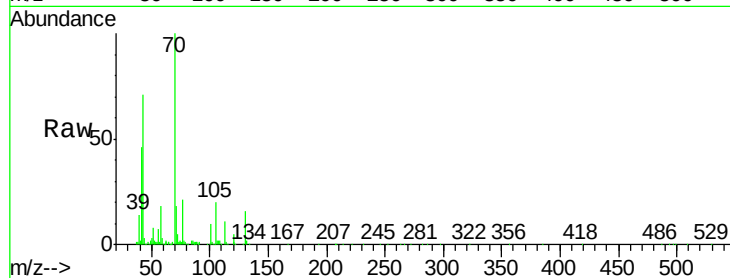




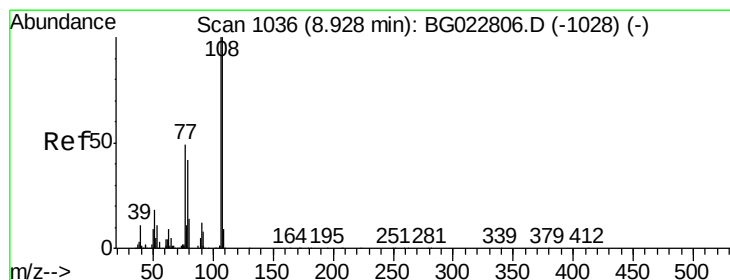
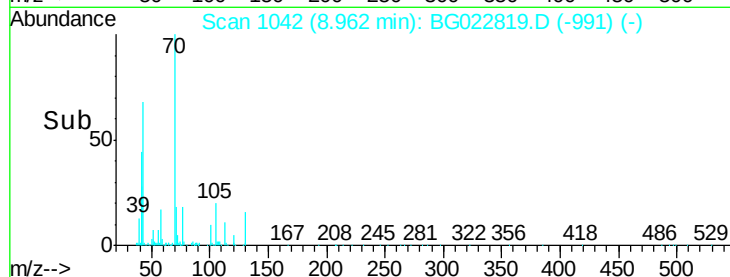
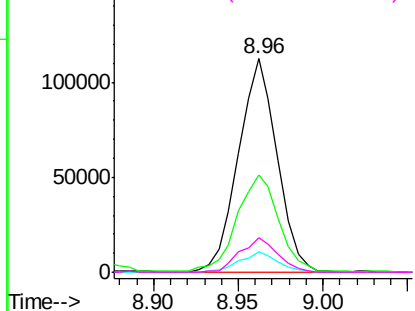
#15
N-Nitroso-di-n-propylamine
Concen: 19.57 ng/ul
RT: 8.96 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tot Ion: 70 Resp: 178965
Ion Ratio Lower Upper
70 100
42 45.6 31.4 47.2
101 9.7 8.6 13.0
130 16.4 19.0 28.4#

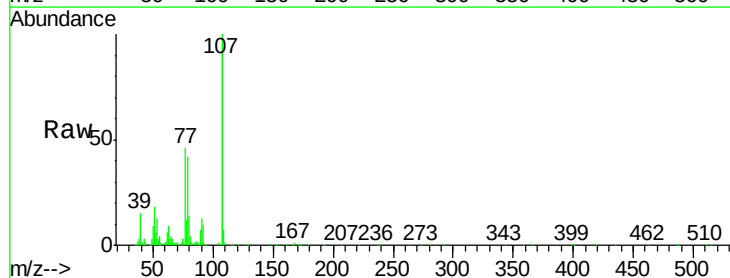


Abundance Ion 70.00 (69.70 to 70.70): BG022819.D (-991) (-)
Ion 42.00 (41.70 to 42.70): BG022819.D (-991) (-)
Ion 101.00 (100.70 to 101.70): BG022819.D (-991) (-)
Ion 130.00 (129.70 to 130.70): BG022819.D (-991) (-)

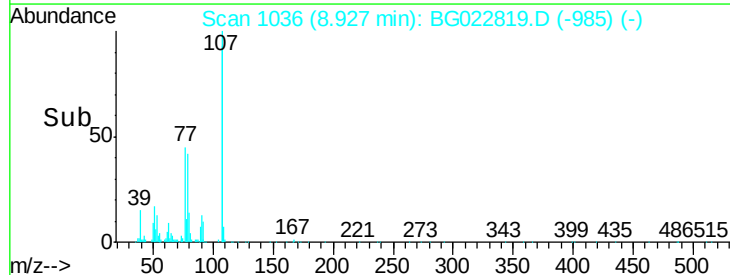
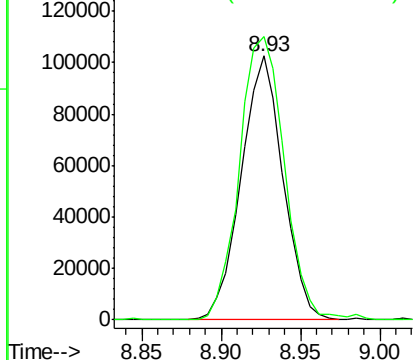


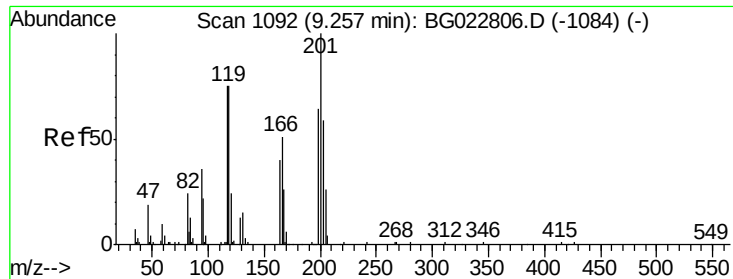
#16
4-Methylphenol
Concen: 18.08 ng/ul
RT: 8.93 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

Tgt Ion: 108 Resp: 187600
Ion Ratio Lower Upper
108 100
107 107.3 88.3 132.5



Abundance Ion 108.00 (107.70 to 108.70): BG022819.D (-985) (-)
Ion 107.00 (106.70 to 107.70): BG022819.D (-985) (-)

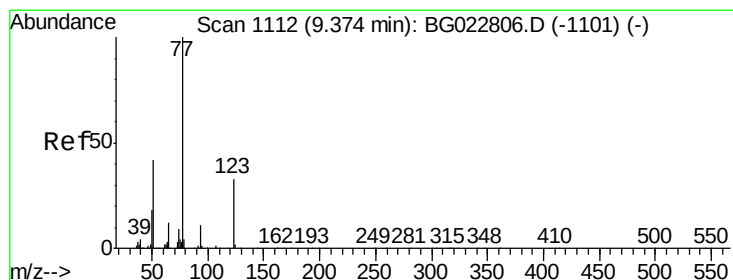
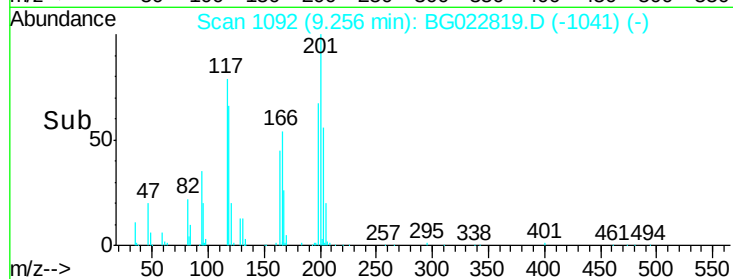
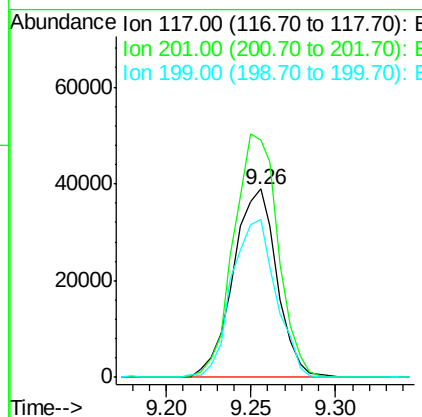
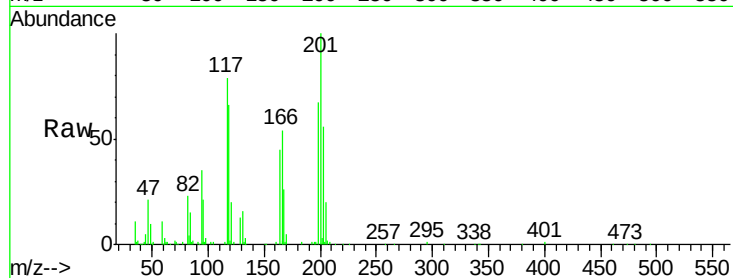




#17
Hexachloroethane
Concen: 19.94 ng/ul
RT: 9.26 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

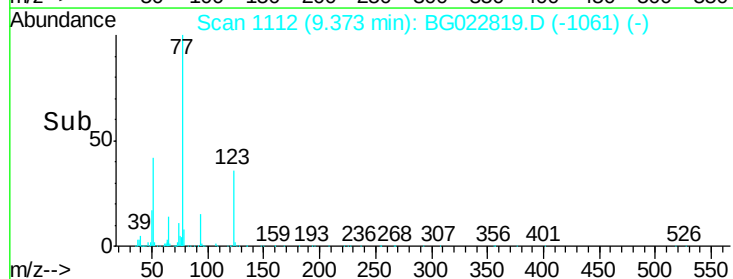
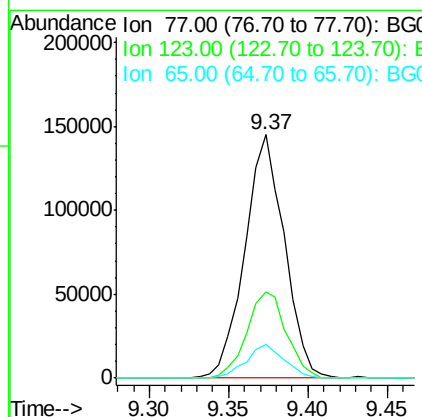
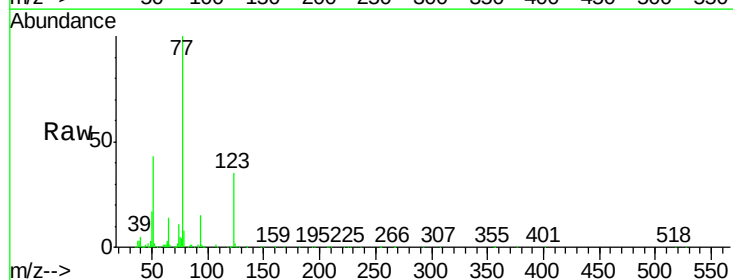
Instrument :
BNA_G
ClientSampleId :
SSTD02016

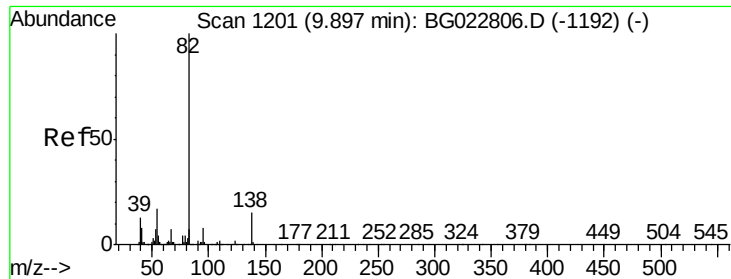
Tot Ion:117 Resp: 69980
Ion Ratio Lower Upper
117 100
201 126.1 76.8 115.2#
199 84.3 43.5 65.3#



#20
Nitrobenzene
Concen: 20.27 ng/ul
RT: 9.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

Tgt Ion: 77 Resp: 250558
Ion Ratio Lower Upper
77 100
123 35.5 39.5 59.3#
65 13.9 9.0 13.4#

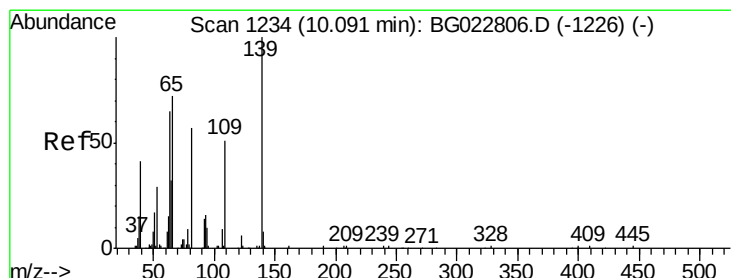
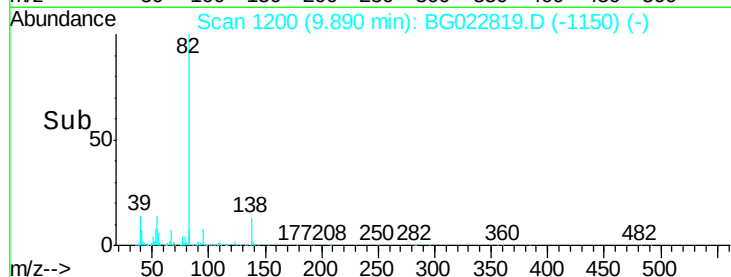
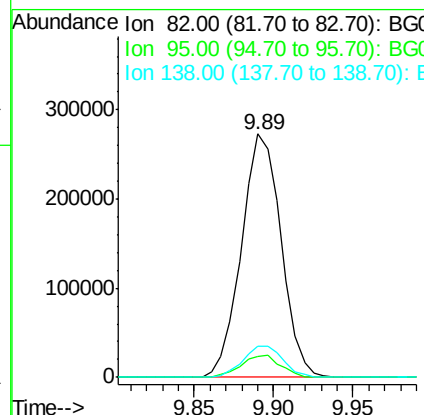
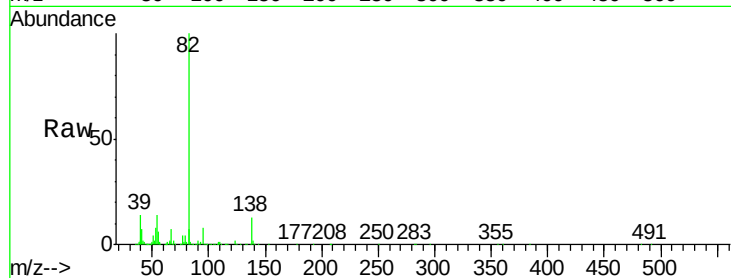




#21
Isophorone
Concen: 21.51 ng/ul
RT: 9.89 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

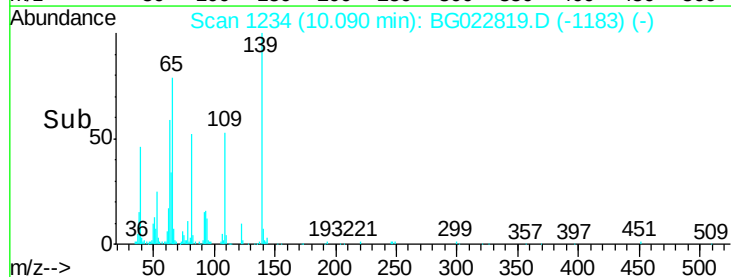
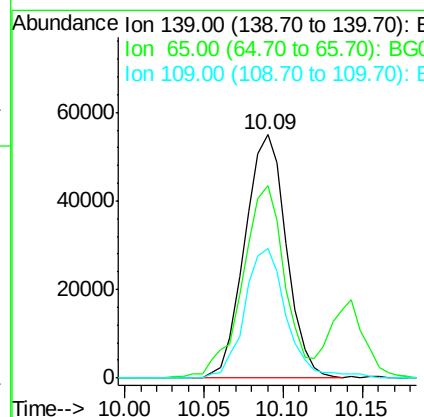
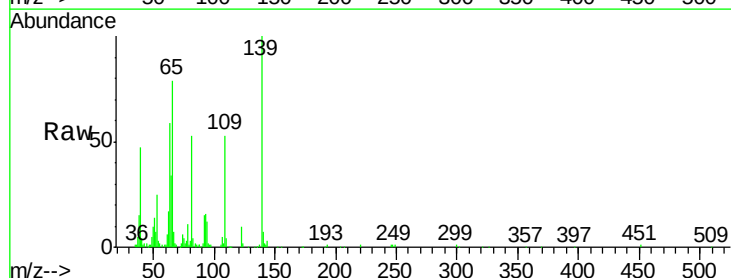
Instrument :
BNA_G
ClientSampleId :
SSTD02016

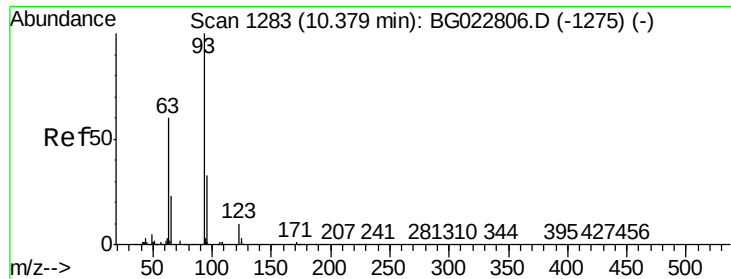
Tot Ion: 82 Resp: 474250
Ion Ratio Lower Upper
82 100
95 8.3 5.1 7.7#
138 12.9 15.0 22.6#



#23
2-Nitrophenol
Concen: 19.43 ng/ul
RT: 10.09 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

Tgt Ion: 139 Resp: 99962
Ion Ratio Lower Upper
139 100
65 78.8 31.8 47.8#
109 53.4 17.1 25.7#

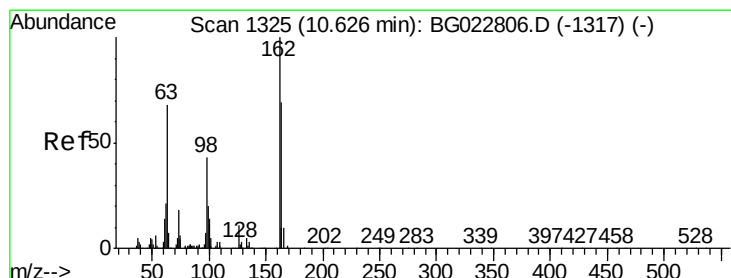
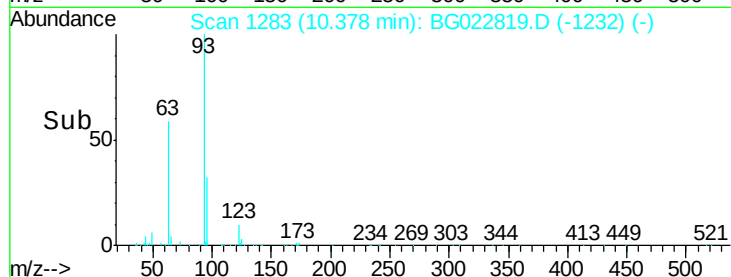
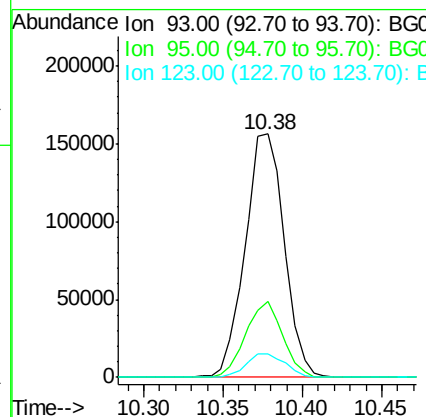
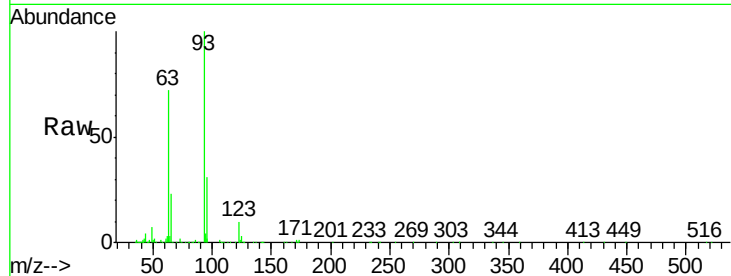




#25
 Bis(2-Chloroethoxy)methane
 Concen: 20.59 ng/ul
 RT: 10.38 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG022819.D
 Acq: 3 Jul 2016 7:48

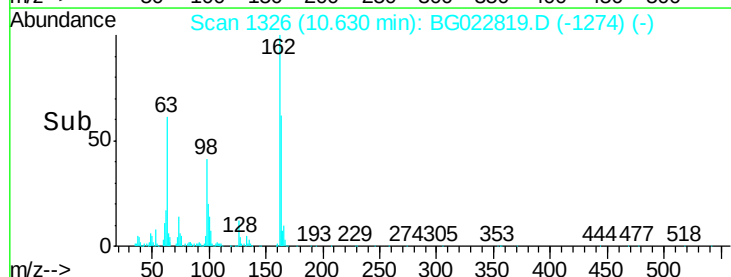
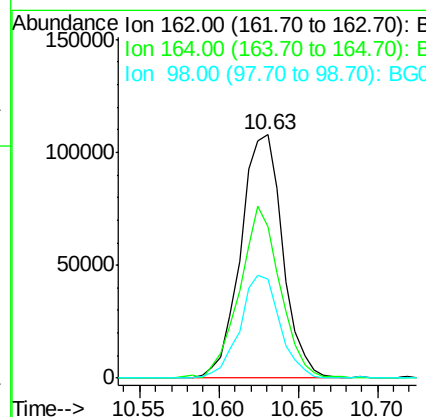
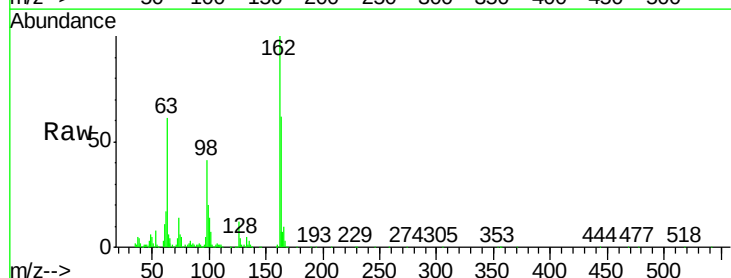
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02016

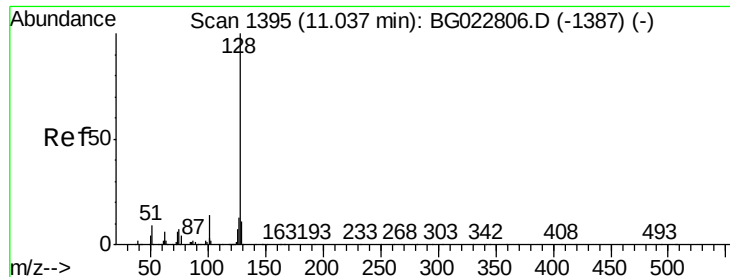
Tot Ion	93	Resp	267869
Ion Ratio	Lower	Upper	
93	100		
95	31.3	26.0	39.0
123	9.5	10.1	15.1#



#27
 2,4-Dichlorophenol
 Concen: 19.50 ng/ul
 RT: 10.63 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BG022819.D
 Acq: 3 Jul 2016 7:48

Tgt Ion	162	Resp	198692
Ion Ratio	Lower	Upper	
162	100		
164	62.2	51.6	77.4
98	40.9	28.3	42.5





#28

Naphthalene

Concen: 19.98 ng/ul

RT: 11.04 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Instrument :

BNA_G

ClientSampleId :

SSTD02016

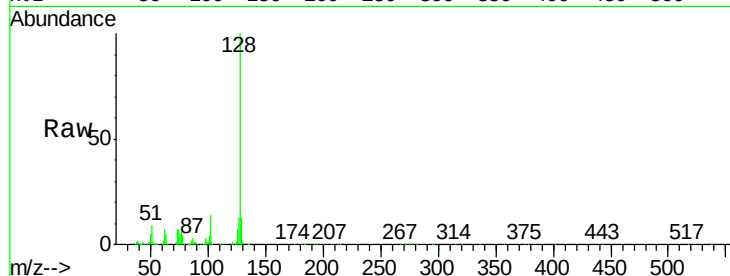
Tot Ion:128 Resp: 515112

Ion Ratio Lower Upper

128 100

129 13.3 9.4 14.2

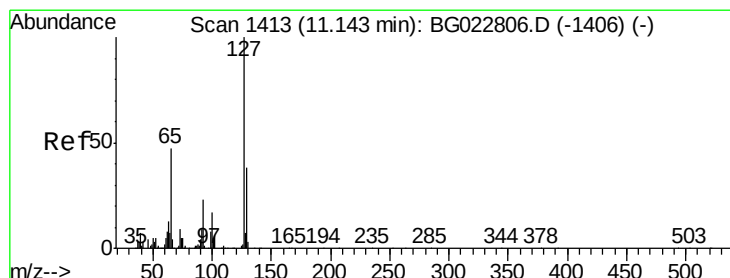
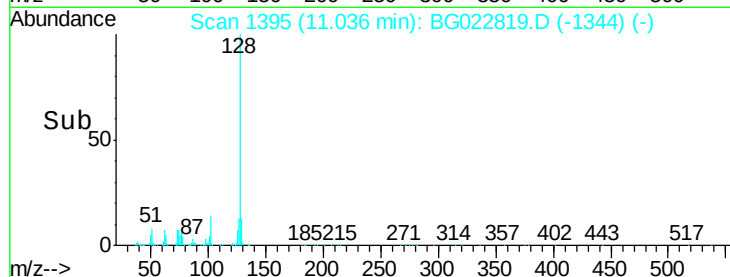
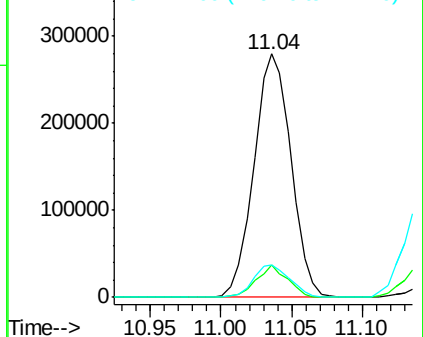
127 13.1 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 22.03 ng/ul

RT: 11.14 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BG022819.D

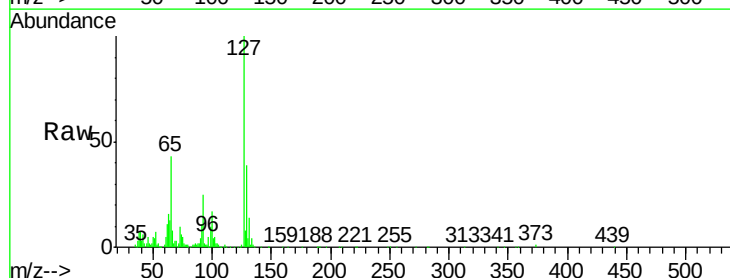
Acq: 3 Jul 2016 7:48

Tgt Ion:127 Resp: 193149

Ion Ratio Lower Upper

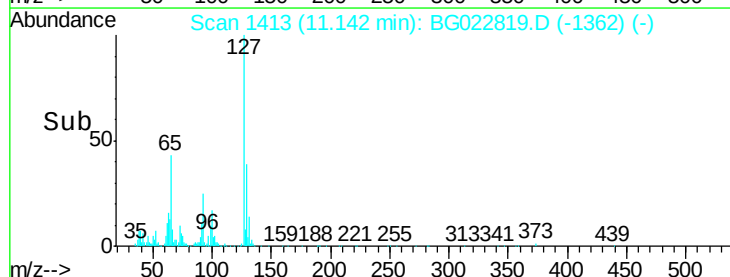
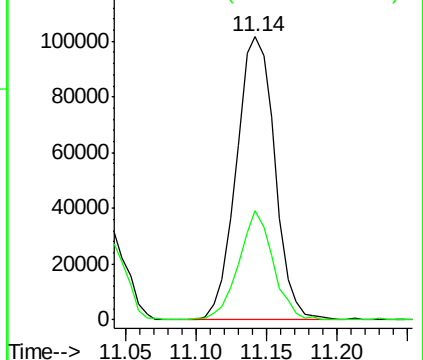
127 100

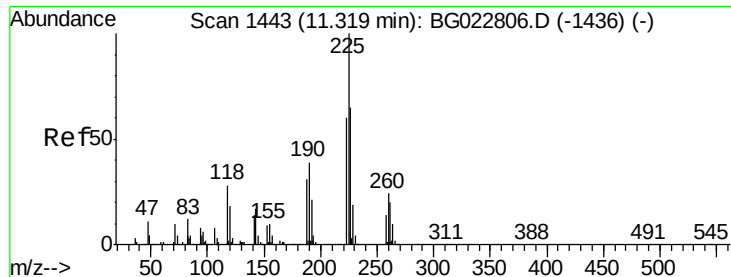
129 38.6 26.9 40.3



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

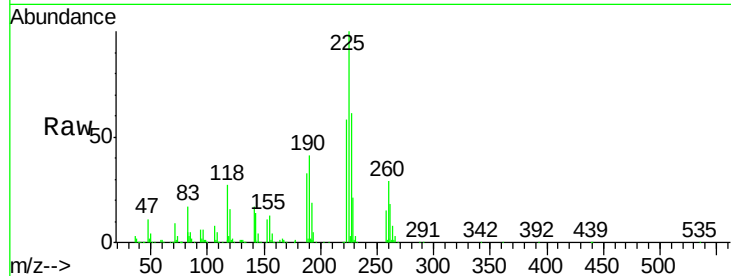




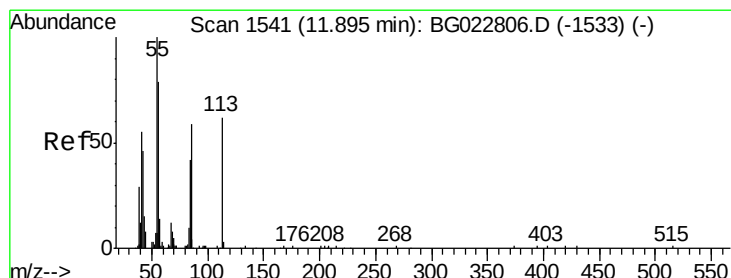
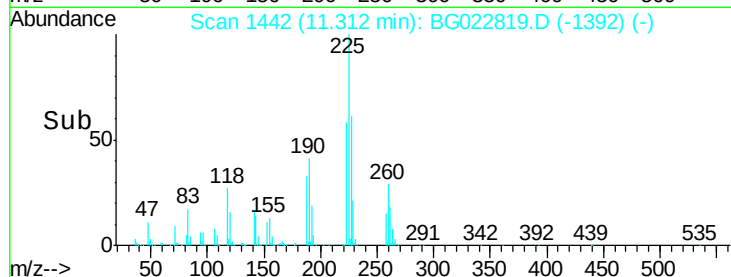
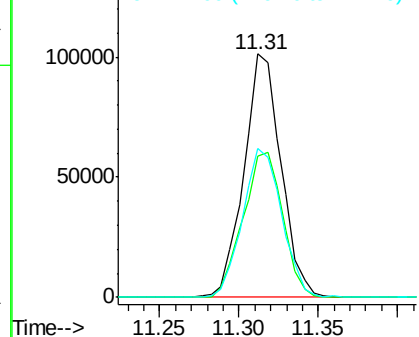
#31
Hexachlorobutadiene
Concen: 20.95 ng/ul
RT: 11.31 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tot Ion:225 Resp: 164454
Ion Ratio Lower Upper
225 100
223 58.1 54.7 82.1
227 61.2 52.2 78.4

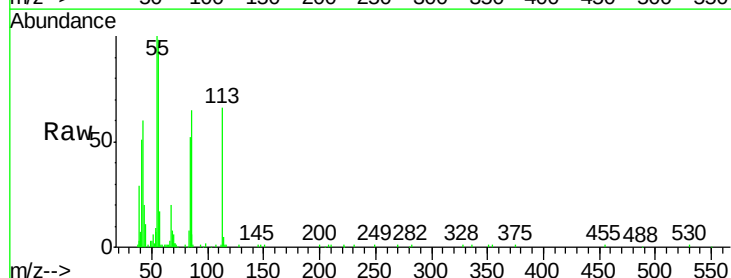


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

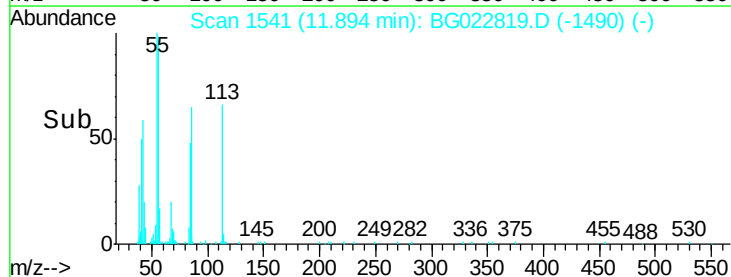
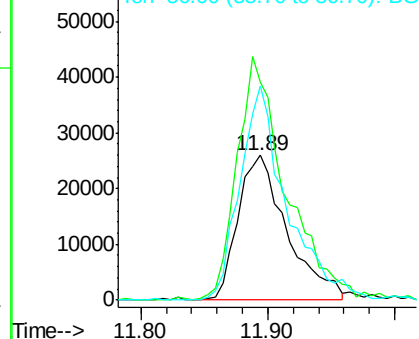


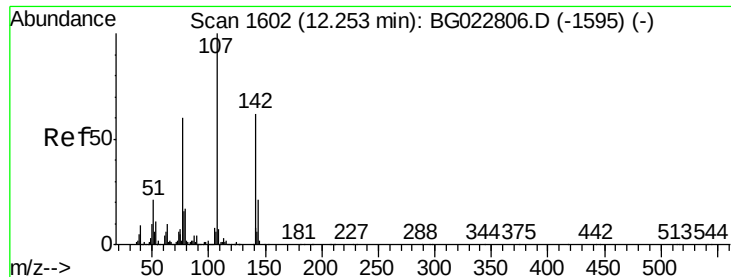
#32
Caprolactam
Concen: 20.45 ng/ul
RT: 11.89 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

Tgt Ion:113 Resp: 69531
Ion Ratio Lower Upper
113 100
55 150.7 99.6 149.4#
56 147.6 66.4 99.6#



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

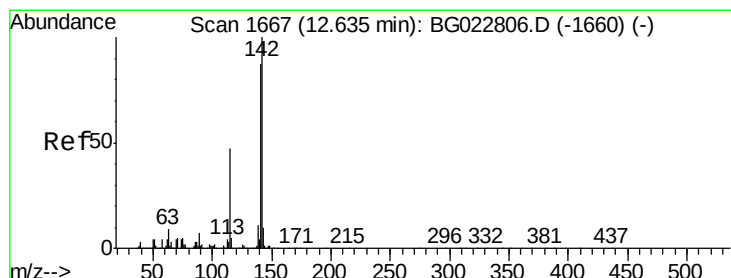
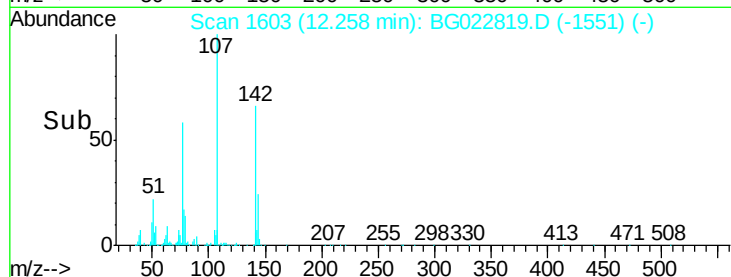
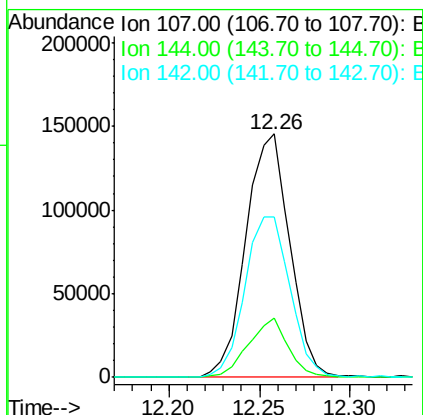
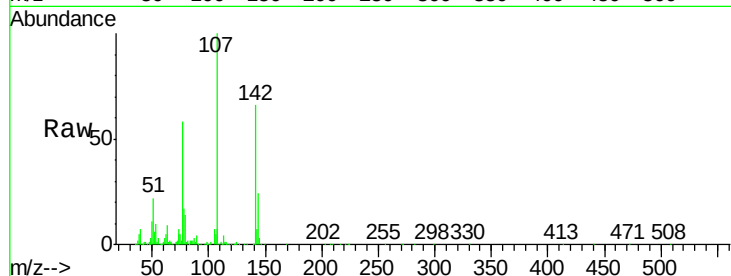




#33
4-Chloro-3-methylphenol
Concen: 18.99 ng/ul
RT: 12.26 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

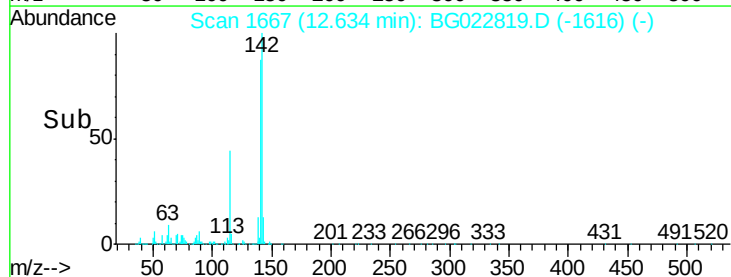
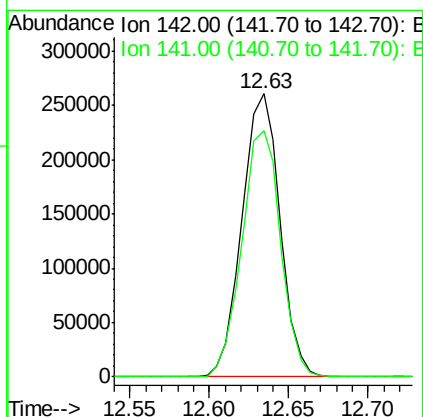
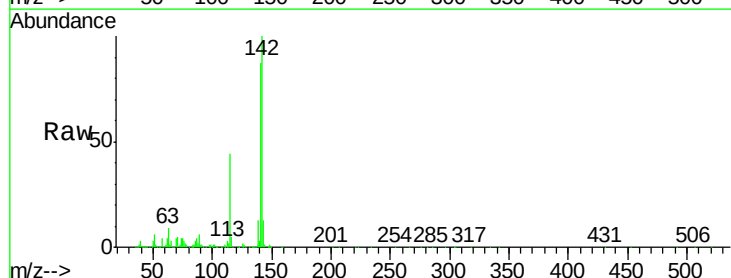
Instrument :
BNA_G
ClientSampleId :
SSTD02016

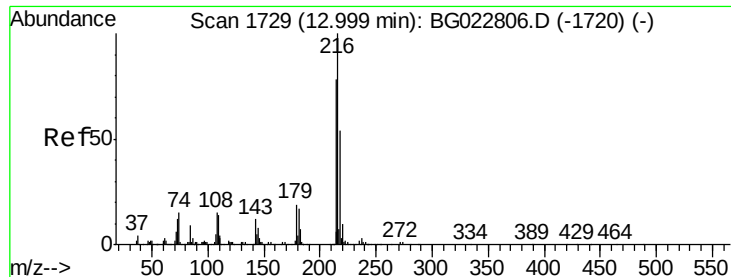
Tot Ion:107 Resp: 244812
Ion Ratio Lower Upper
107 100
144 24.4 22.7 34.1
142 65.8 71.6 107.4#



#34
2-Methylnaphthalene
Concen: 20.38 ng/ul
RT: 12.63 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

Tgt Ion:142 Resp: 434600
Ion Ratio Lower Upper
142 100
141 87.2 75.2 112.8

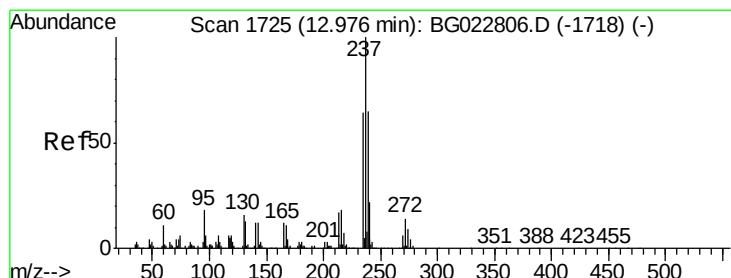
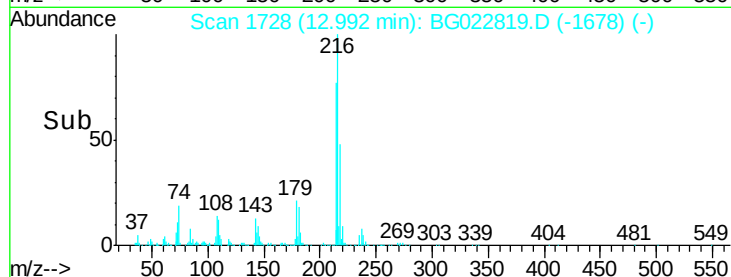
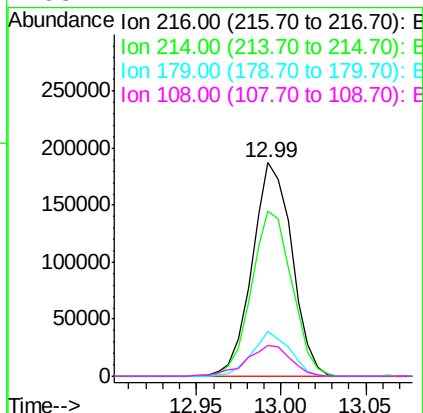
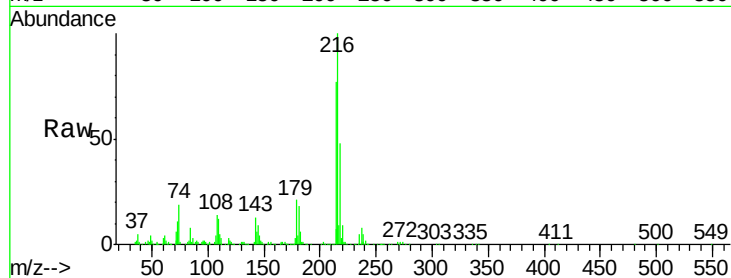




#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.46 ng/ul
 RT: 12.99 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BG022819.D
 Acq: 3 Jul 2016 7:48

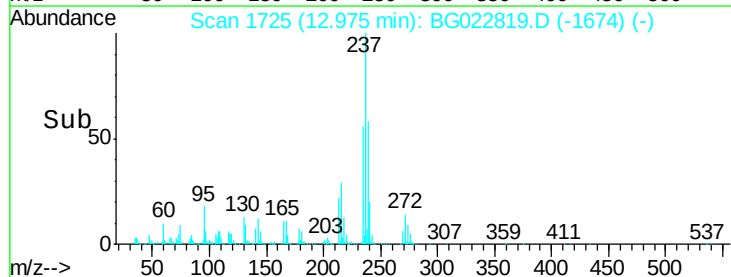
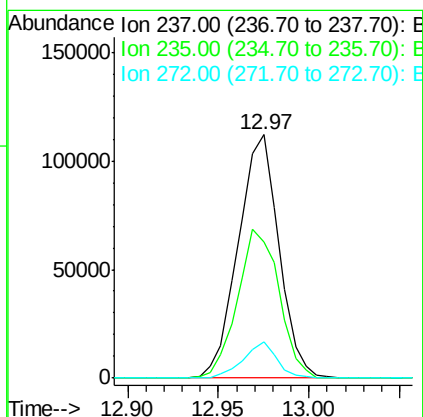
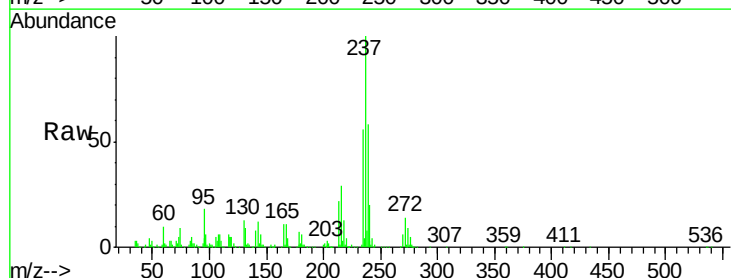
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02016

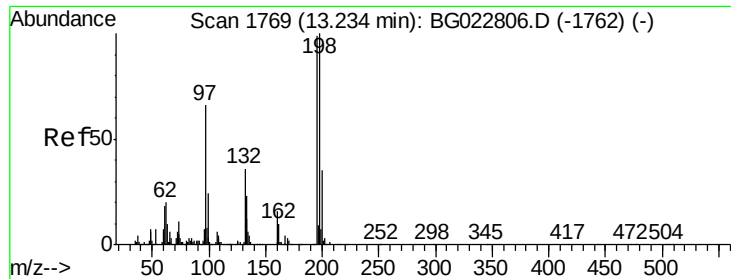
Tot Ion:	216	Resp:	305813
Ion	Ratio	Lower	Upper
216	100		
214	77.2	61.7	92.5
179	20.8	17.0	25.4
108	14.2	14.2	21.2



#37
 Hexachlorocyclopentadiene
 Concen: 20.29 ng/ul
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG022819.D
 Acq: 3 Jul 2016 7:48

Tgt Ion:	237	Resp:	174607
Ion	Ratio	Lower	Upper
237	100		
235	56.0	49.6	74.4
272	14.6	9.3	13.9#

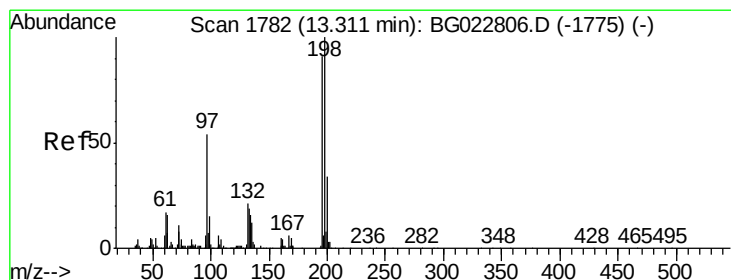
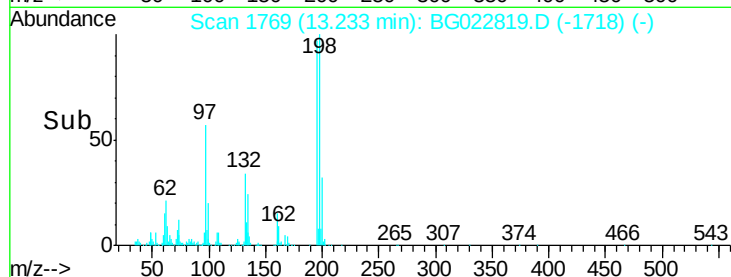
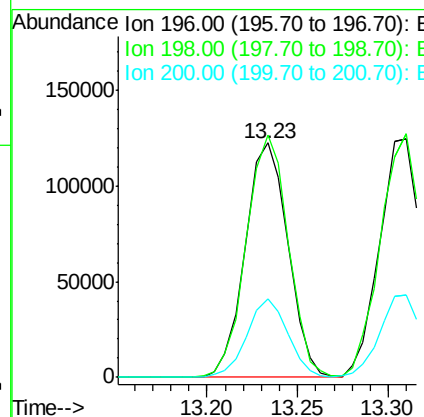
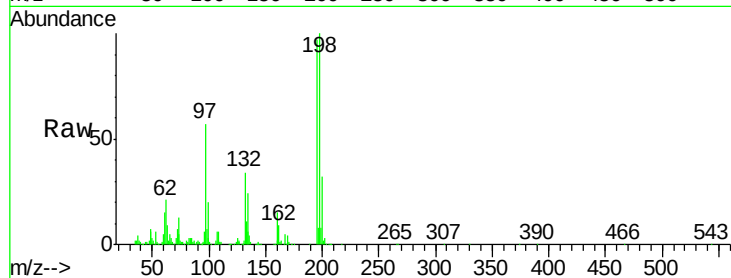




#38
 2,4,6-Trichlorophenol
 Concen: 20.46 ng/ul
 RT: 13.23 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BG022819.D
 Acq: 3 Jul 2016 7:48

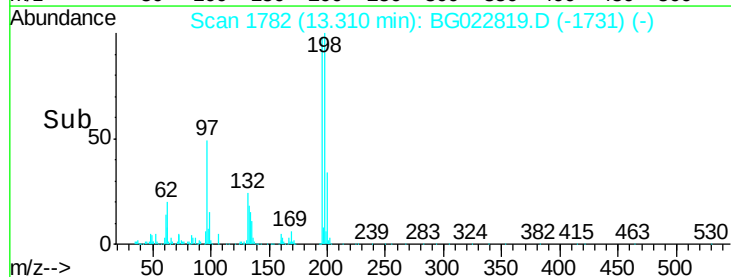
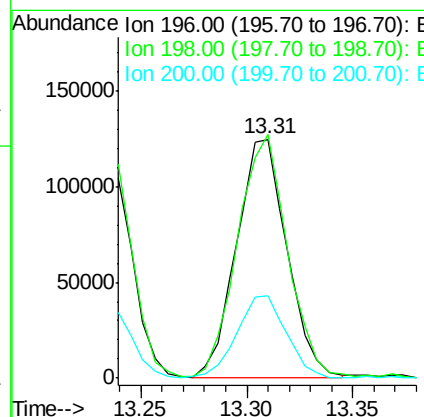
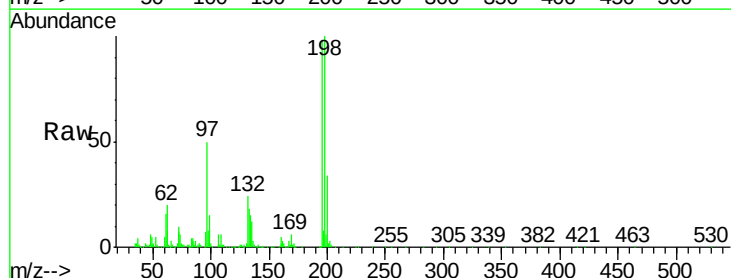
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02016

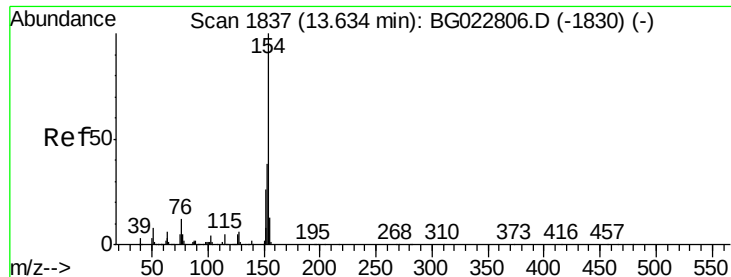
Tot Ion	Ratio	Lower	Upper
196	100		
198	103.3	77.4	116.0
200	33.4	26.6	39.8



#39
 2,4,5-Trichlorophenol
 Concen: 20.01 ng/ul
 RT: 13.31 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG022819.D
 Acq: 3 Jul 2016 7:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	79.8	119.8
200	34.3	24.0	36.0

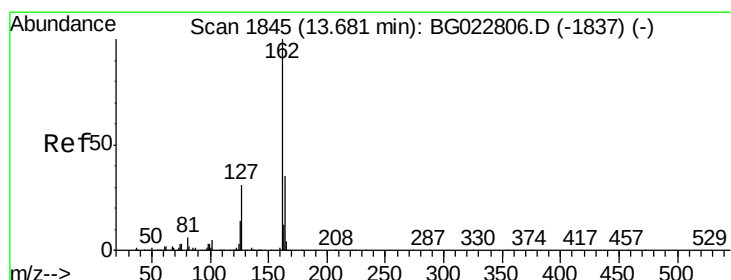
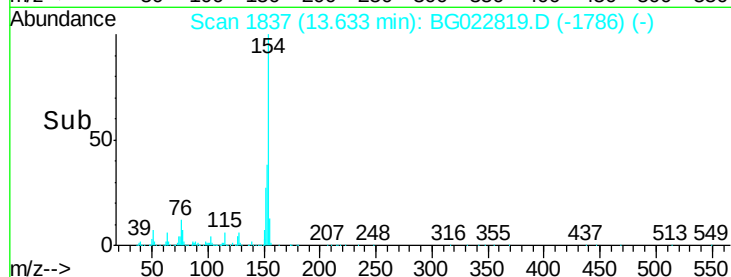
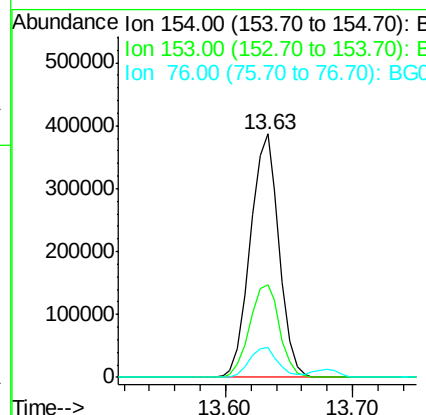
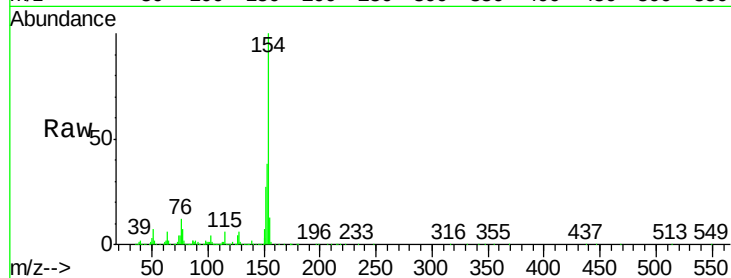




#40
 1,1'-Biphenyl
 Concen: 20.87 ng/ul
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BG022819.D
 Acq: 3 Jul 2016 7:48

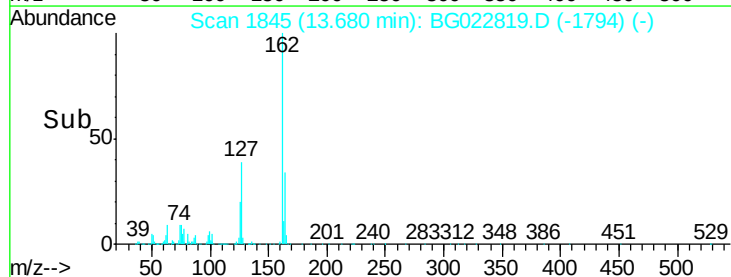
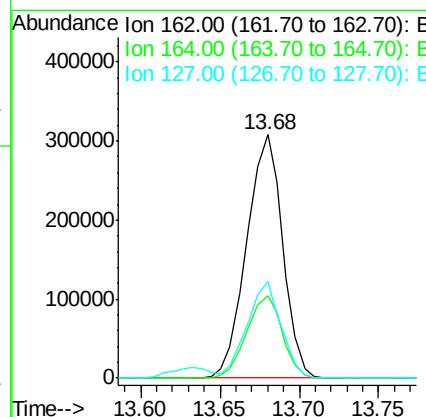
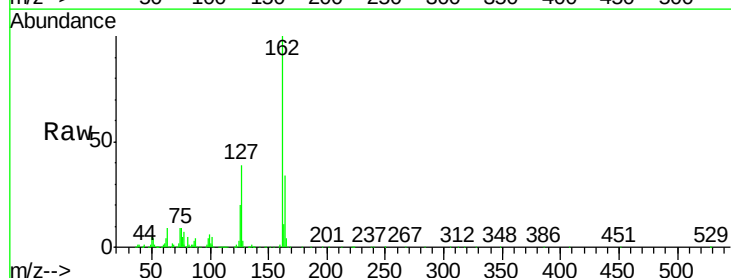
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02016

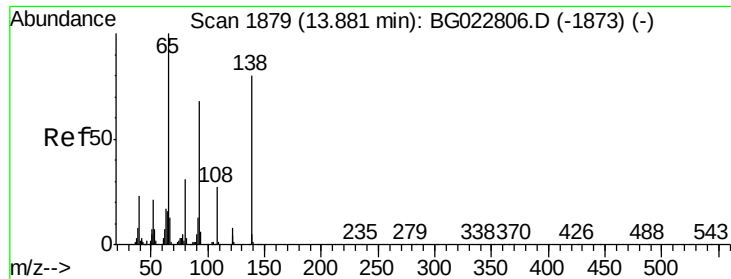
Tot Ion	Ratio	Lower	Upper
154	100		
153	38.0	34.6	52.0
76	12.3	11.9	17.9



#41
 2-Chloronaphthalene
 Concen: 20.65 ng/ul
 RT: 13.68 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BG022819.D
 Acq: 3 Jul 2016 7:48

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.6	25.4	38.2
127	39.4	30.2	45.4





#42

2-Nitroaniline

Concen: 20.72 ng/ul

RT: 13.88 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Instrument :

BNA_G

ClientSampleId :

SSTD02016

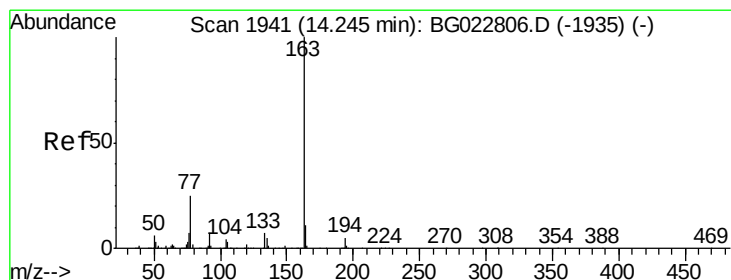
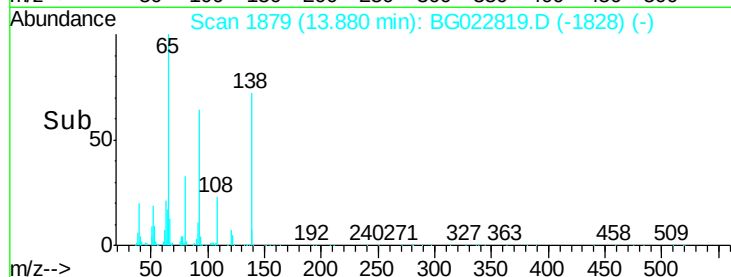
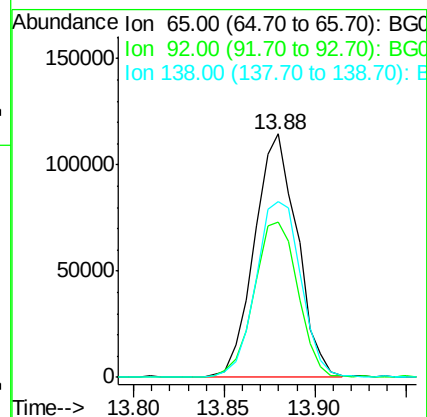
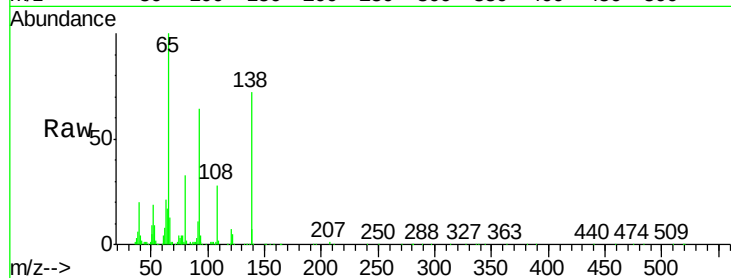
Tot Ion: 65 Resp: 188126

Ion Ratio Lower Upper

65 100

92 63.9 67.1 100.7#

138 72.2 109.6 164.4#



#44

Dimethylphthalate

Concen: 20.72 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

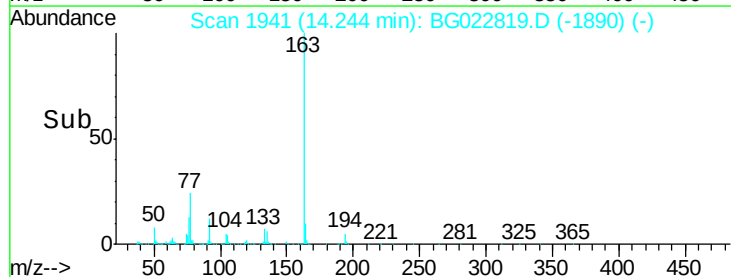
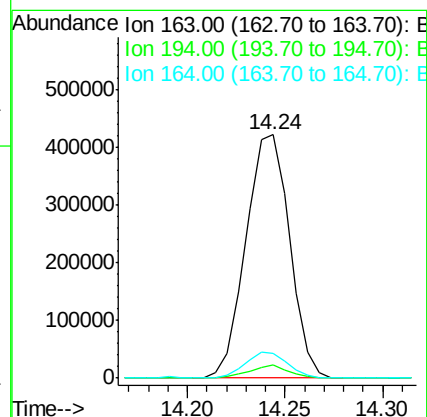
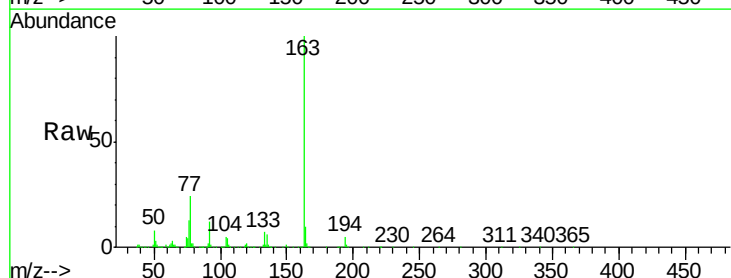
Tgt Ion: 163 Resp: 655095

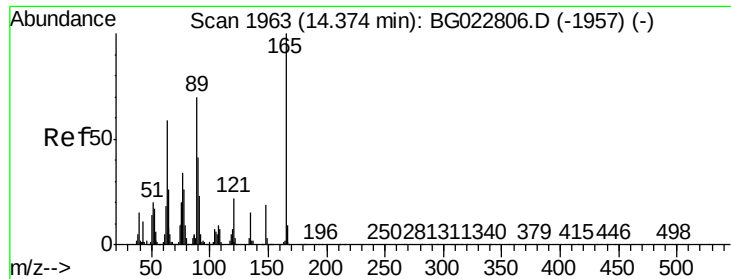
Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

164 10.1 8.8 13.2

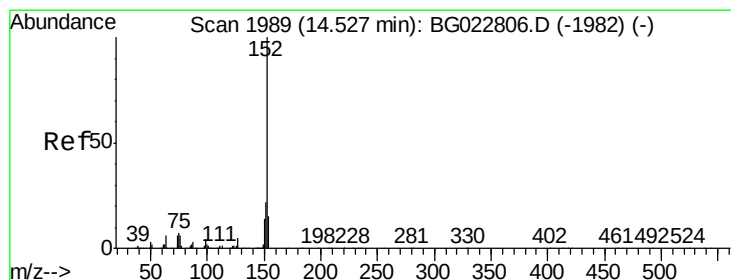
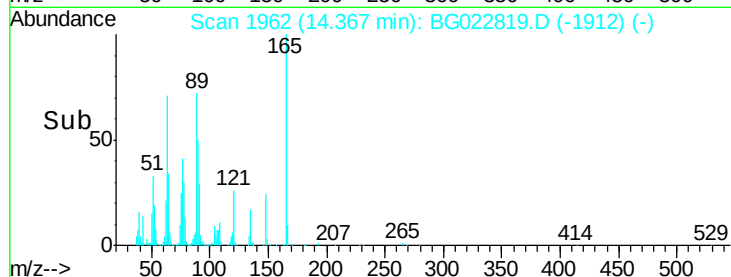
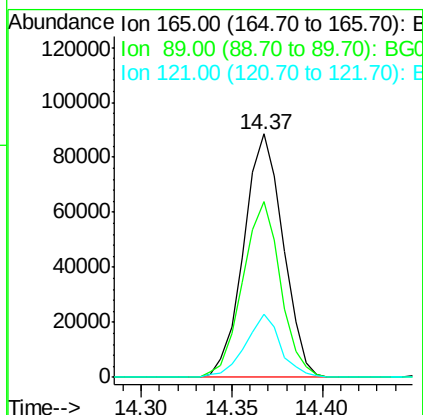
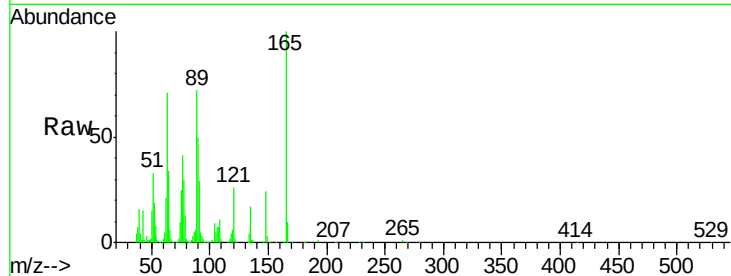




#45
 2,6-Dinitrotoluene
 Concen: 19.53 ng/ul
 RT: 14.37 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG022819.D
 Acq: 3 Jul 2016 7:48

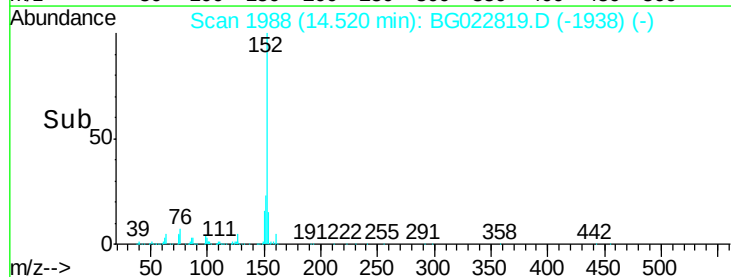
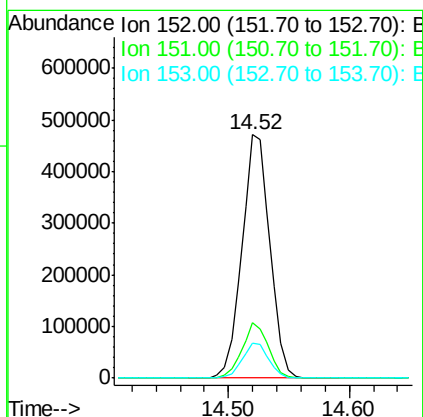
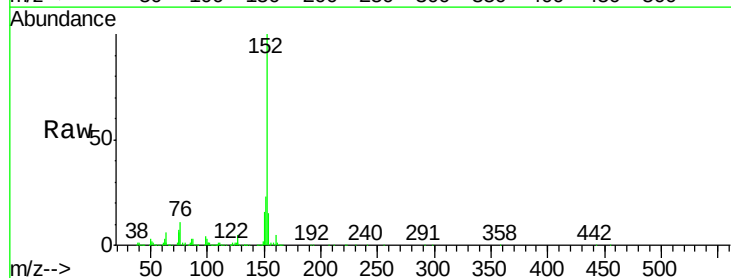
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02016

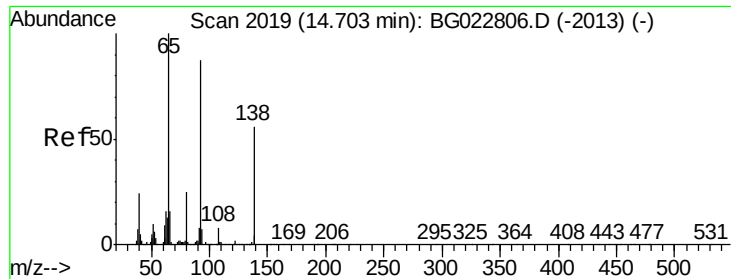
Tot Ion:165 Resp: 133701
 Ion Ratio Lower Upper
 165 100
 89 72.0 41.5 62.3#
 121 25.9 17.0 25.4#



#47
 Acenaphthylene
 Concen: 21.16 ng/ul
 RT: 14.52 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BG022819.D
 Acq: 3 Jul 2016 7:48

Tgt Ion:152 Resp: 756343
 Ion Ratio Lower Upper
 152 100
 151 22.7 17.5 26.3
 153 14.6 11.1 16.7

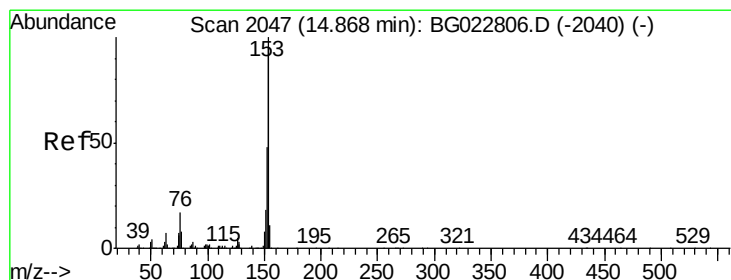
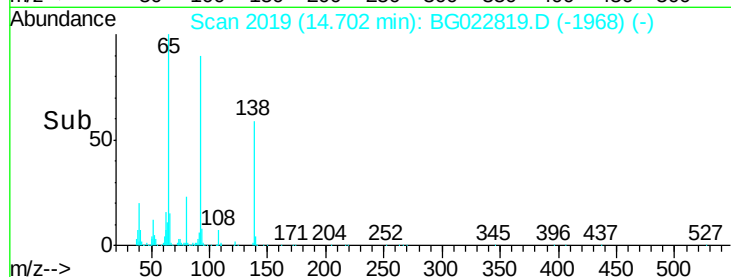
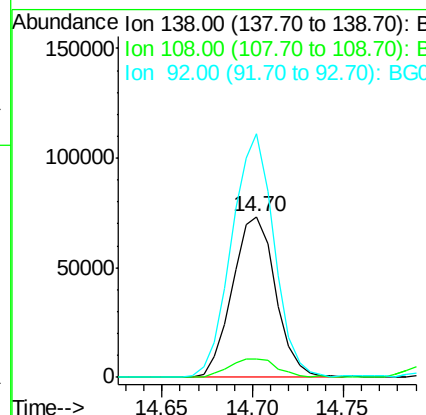
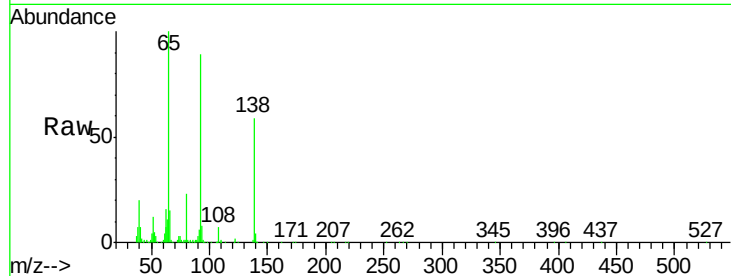




#48
3-Nitroaniline
Concen: 22.69 ng/ul
RT: 14.70 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

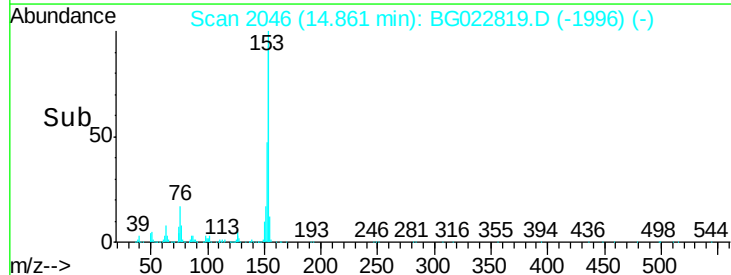
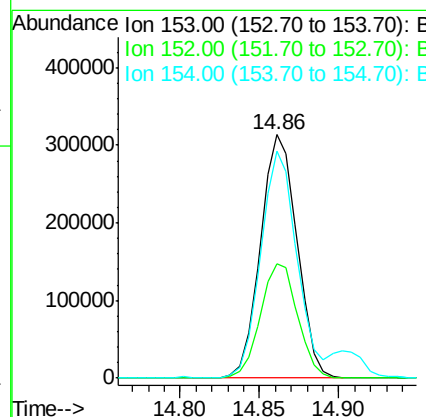
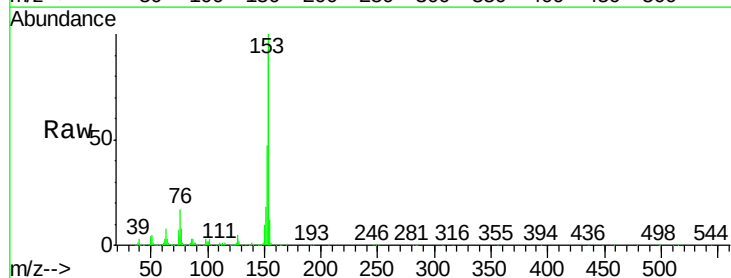
Instrument :
BNA_G
ClientSampleId :
SSTD02016

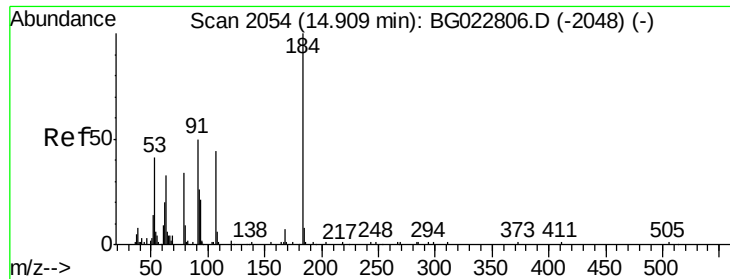
Tot Ion:138 Resp: 121368
Ion Ratio Lower Upper
138 100
108 11.7 6.2 9.2#
92 151.5 79.3 118.9#



#49
Acenaphthene
Concen: 20.69 ng/ul
RT: 14.86 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

Tgt Ion:153 Resp: 502467
Ion Ratio Lower Upper
153 100
152 46.7 37.3 55.9
154 93.0 68.2 102.2

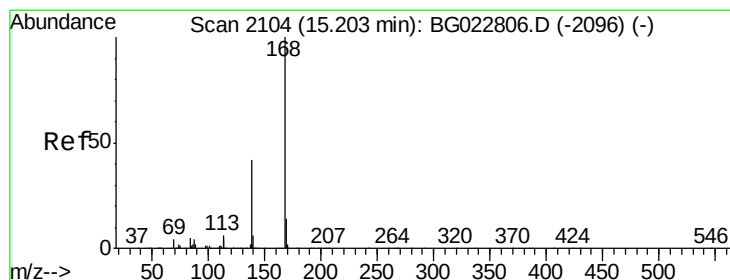
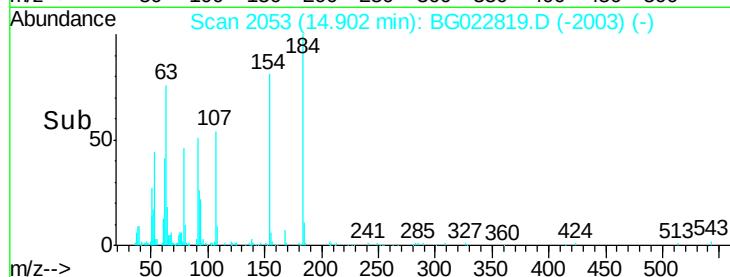
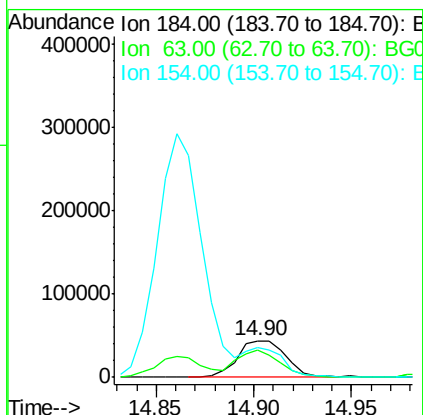
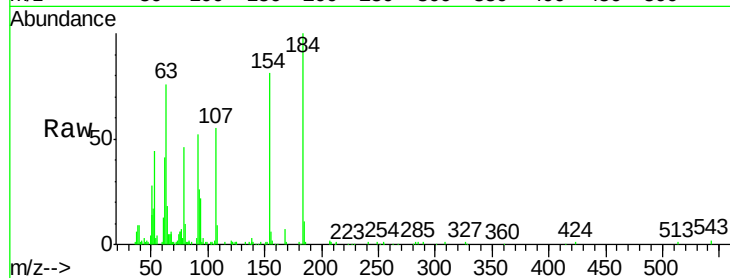




#50
2,4-Dinitrophenol
Concen: 20.31 ng/ul
RT: 14.90 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

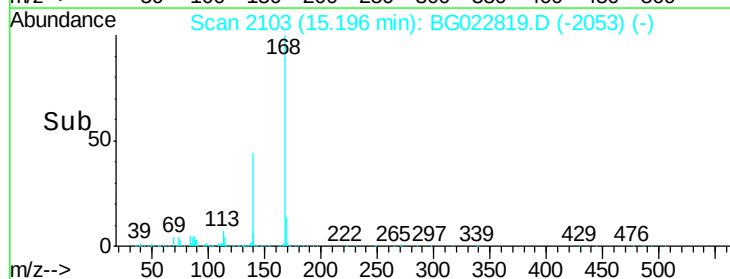
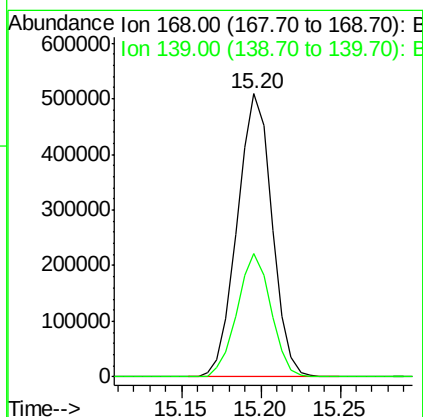
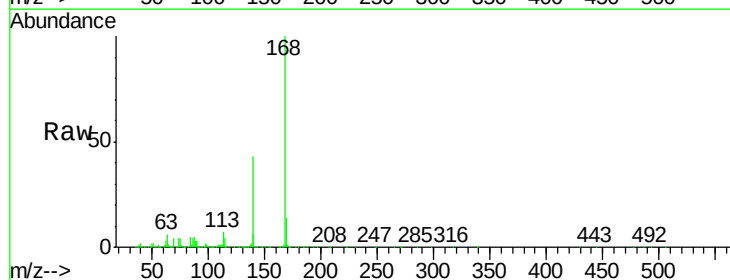
Instrument :
BNA_G
ClientSampleId :
SSTD02016

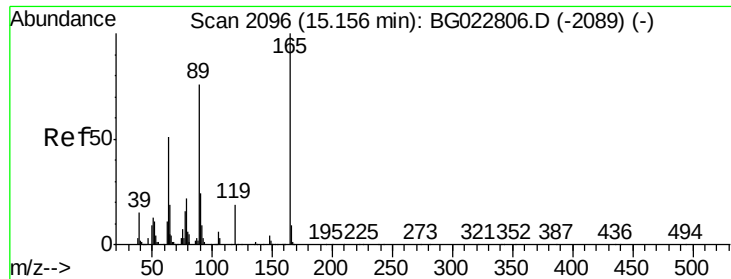
Tot Ion:184 Resp: 77282
Ion Ratio Lower Upper
184 100
63 75.9 40.5 60.7#
154 80.6 48.5 72.7#



#53
Dibenzofuran
Concen: 20.62 ng/ul
RT: 15.20 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

Tgt Ion:168 Resp: 773427
Ion Ratio Lower Upper
168 100
139 43.4 27.4 41.0#

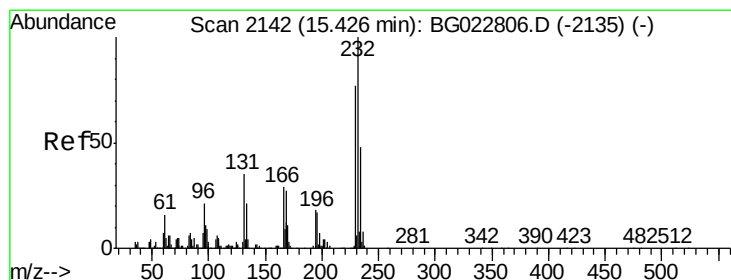
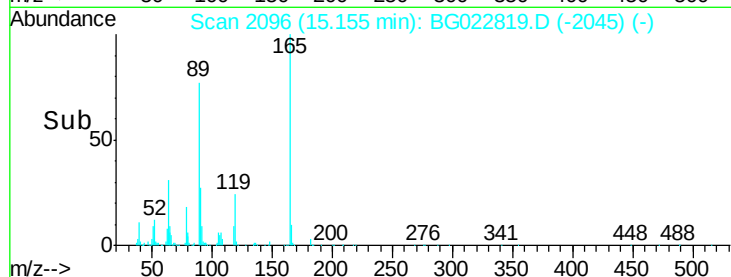
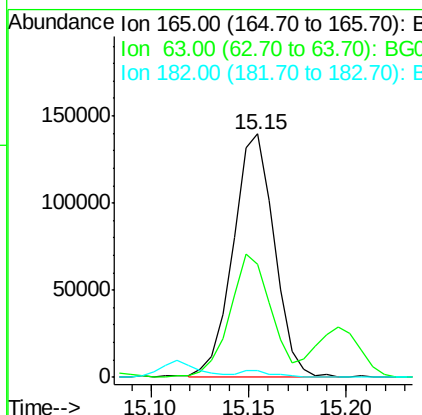
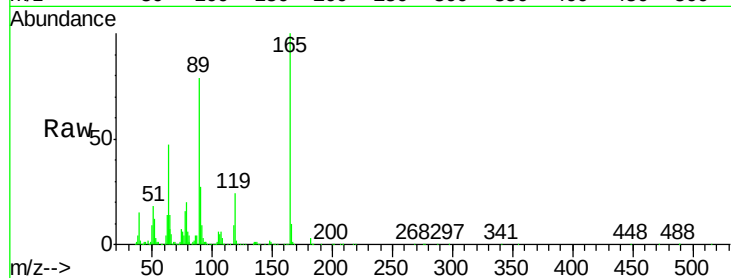




#54
 2,4-Dinitrotoluene
 Concen: 20.65 ng/ul
 RT: 15.15 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG022819.D
 Acq: 3 Jul 2016 7:48

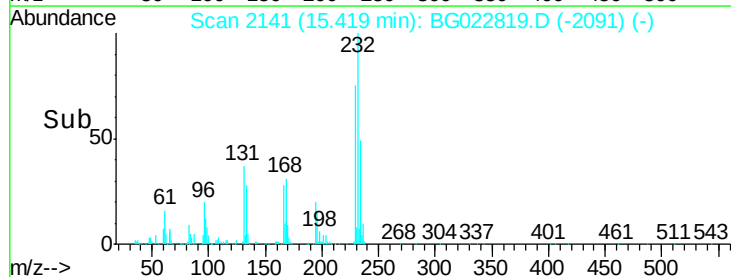
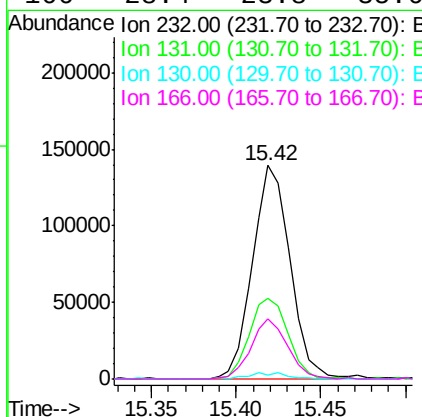
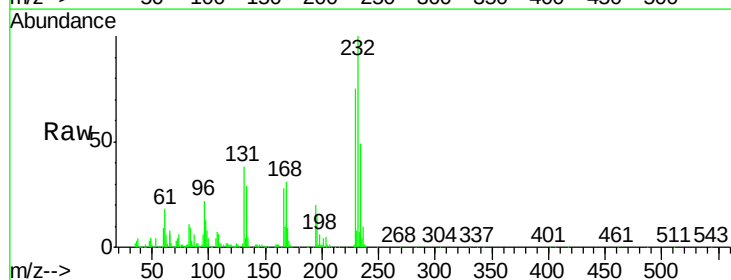
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02016

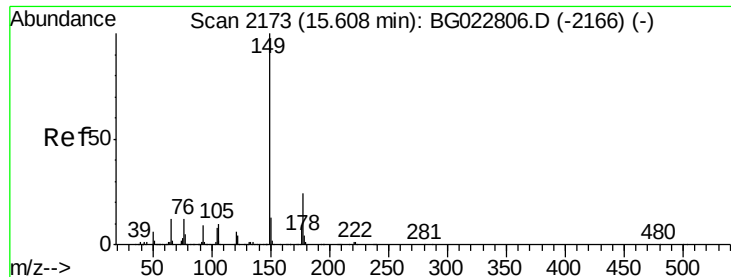
Tot Ion:165 Resp: 204410
 Ion Ratio Lower Upper
 165 100
 63 46.6 25.7 38.5#
 182 2.7 2.1 3.1



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.38 ng/ul
 RT: 15.42 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG022819.D
 Acq: 3 Jul 2016 7:48

Tgt Ion:232 Resp: 214537
 Ion Ratio Lower Upper
 232 100
 131 37.7 34.8 52.2
 130 1.9 2.2 3.2#
 166 28.4 23.8 35.6





#56

Diethylphthalate

Concen: 20.92 ng/ul

RT: 15.60 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Instrument :

BNA_G

ClientSampleId :

SSTD02016

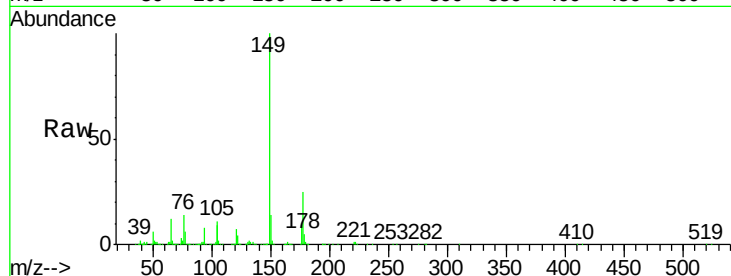
Tot Ion:149 Resp: 672078

Ion Ratio Lower Upper

149 100

177 24.6 17.4 26.2

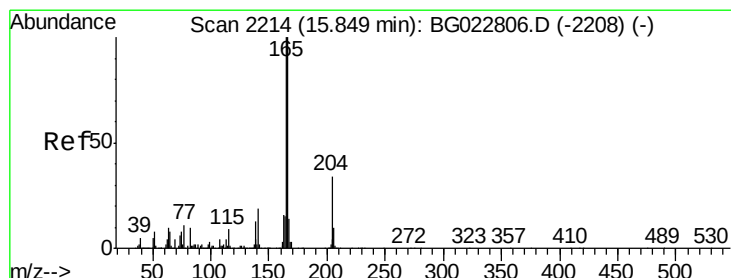
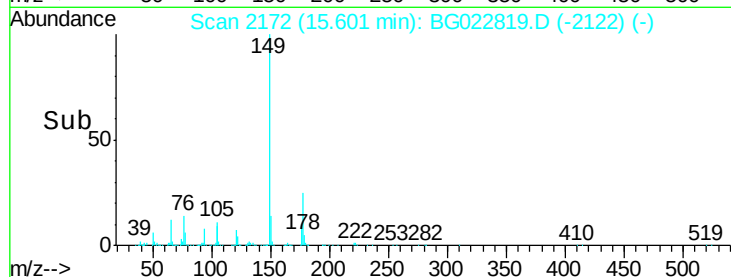
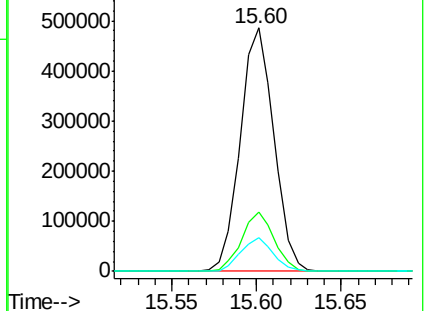
150 13.6 9.6 14.4



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: 20.90 ng/ul

RT: 15.85 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

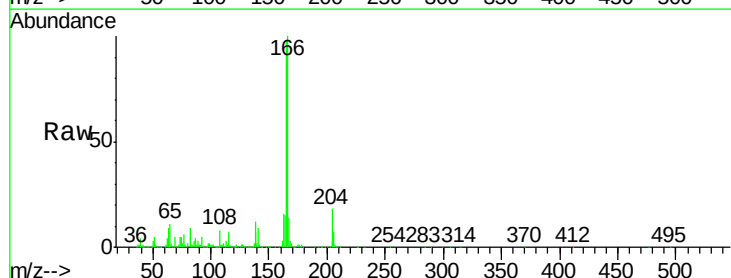
Tgt Ion:166 Resp: 630033

Ion Ratio Lower Upper

166 100

165 98.3 80.3 120.5

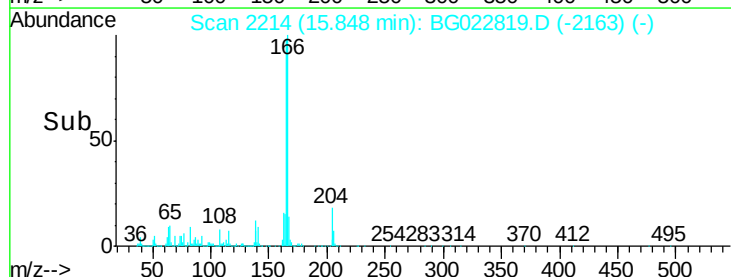
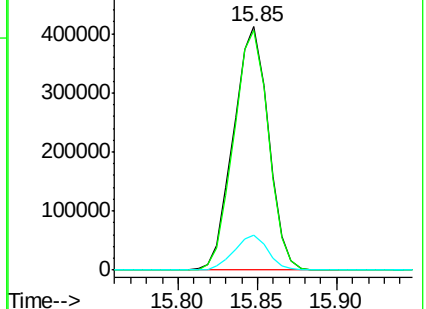
167 14.2 10.3 15.5

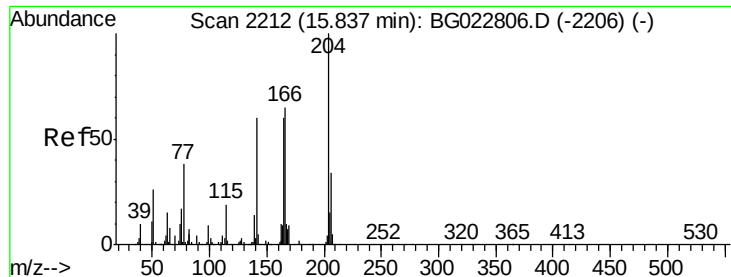


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

4-Chlorophenyl-phenylether

Concen: 20.35 ng/ul

RT: 15.84 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Instrument :

BNA_G

ClientSampleId :

SSTD02016

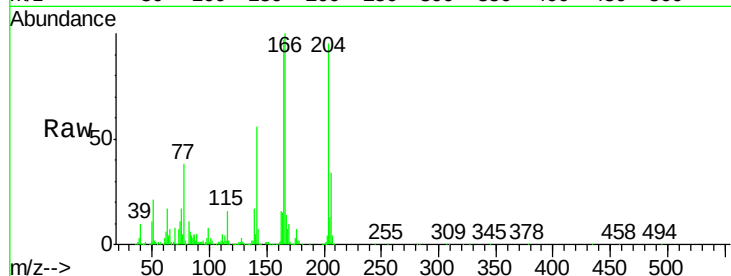
Tot Ion:204 Resp: 367365

Ion Ratio Lower Upper

204 100

206 36.0 27.4 41.2

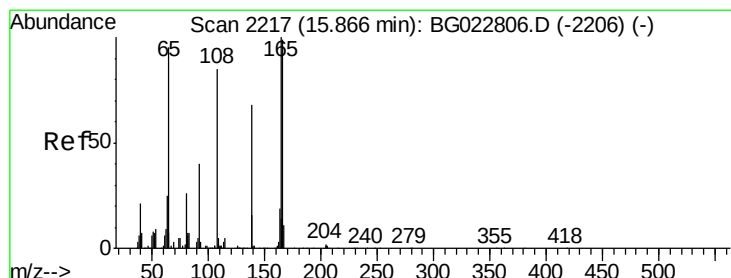
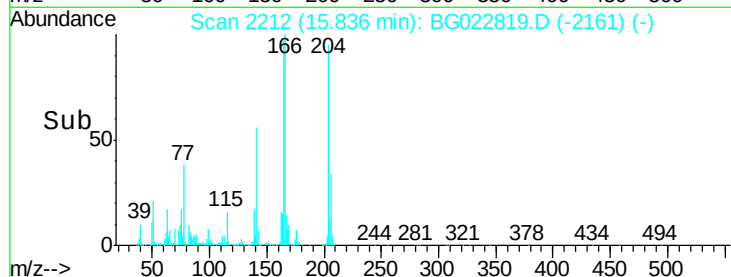
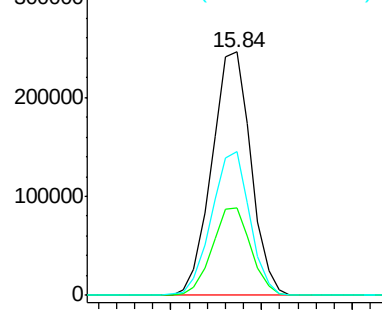
141 59.0 47.1 70.7



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: 21.48 ng/ul

RT: 15.87 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

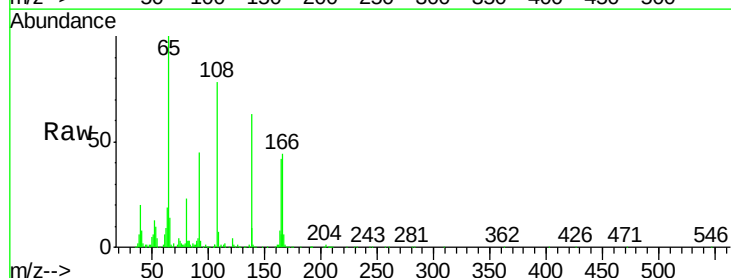
Tgt Ion:138 Resp: 138062

Ion Ratio Lower Upper

138 100

92 70.3 39.0 58.4#

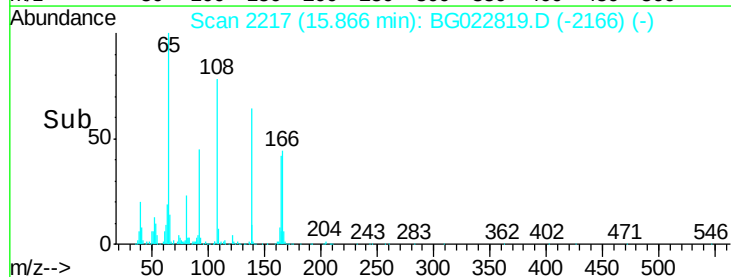
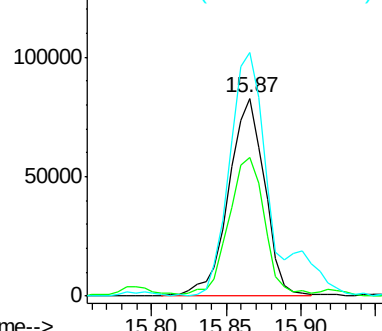
108 123.0 49.2 73.8#

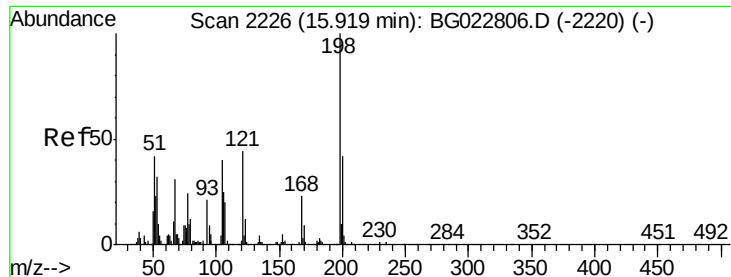


Abundance Ion 138.00 (137.70 to 138.70): E

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: 20.69 ng/ul

RT: 15.92 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Instrument :

BNA_G

ClientSampleId :

SSTD02016

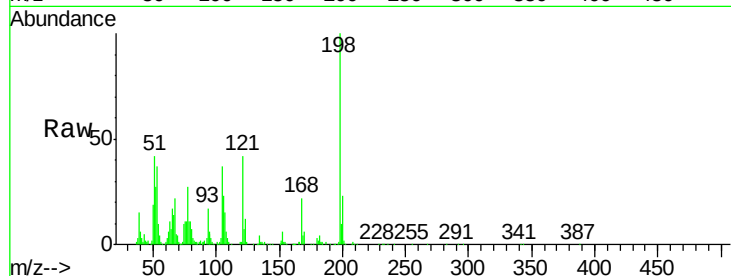
Tot Ion:198 Resp: 135972

Ion Ratio Lower Upper

198 100

182 3.9 4.2 6.2#

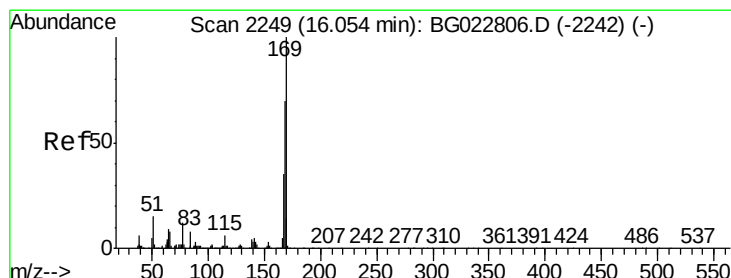
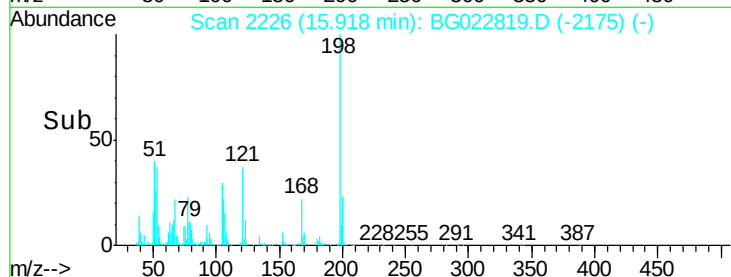
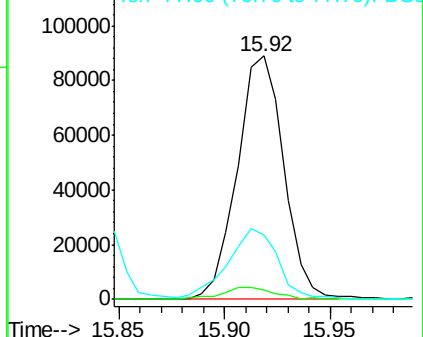
77 26.5 16.7 25.1#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BGC



#64

N-Nitrosodiphenylamine

Concen: 19.98 ng/ul

RT: 16.05 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

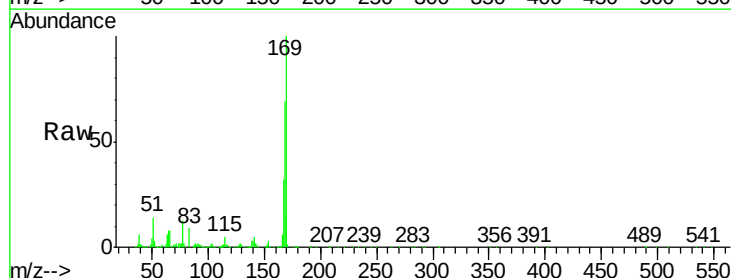
Tgt Ion:169 Resp: 567304

Ion Ratio Lower Upper

169 100

168 68.9 59.0 88.6

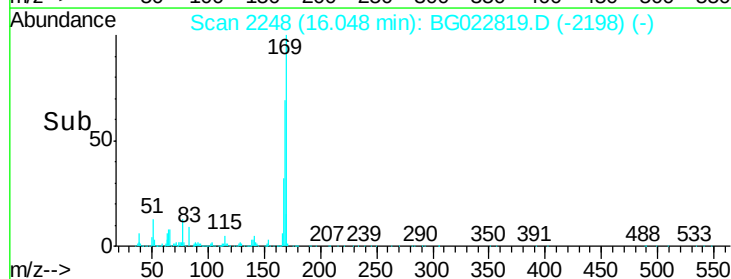
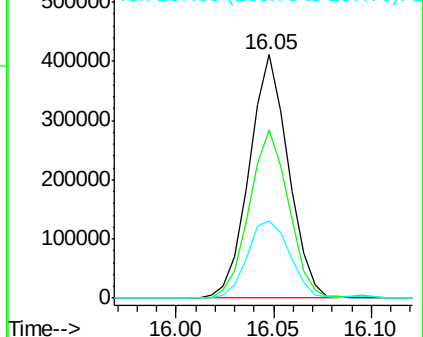
167 31.7 30.6 46.0

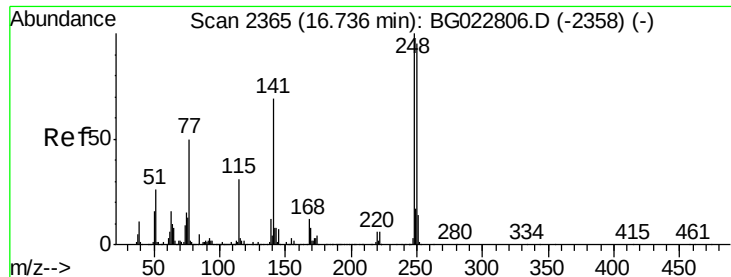


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

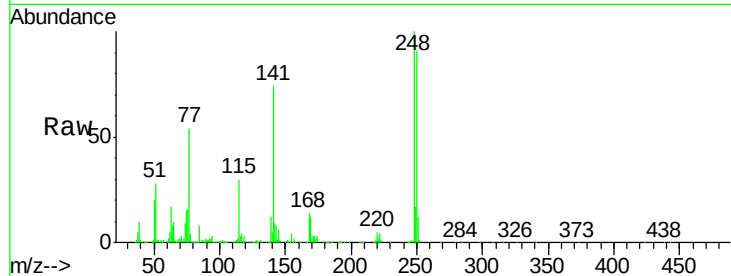




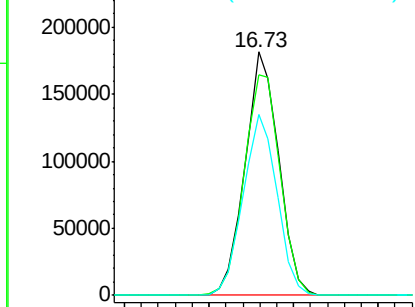
#65
4-Bromophenyl-phenylether
Concen: 19.56 ng/ul
RT: 16.73 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

Instrument :
BNA_G
ClientSampleId :
SSTD02016

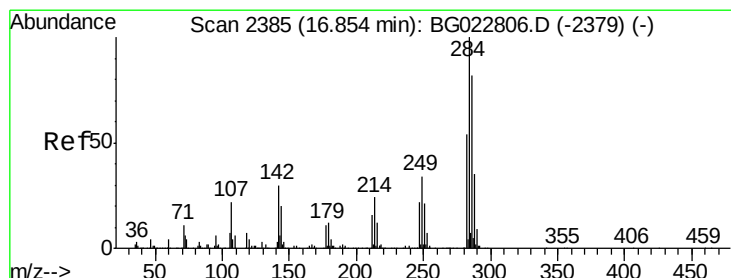
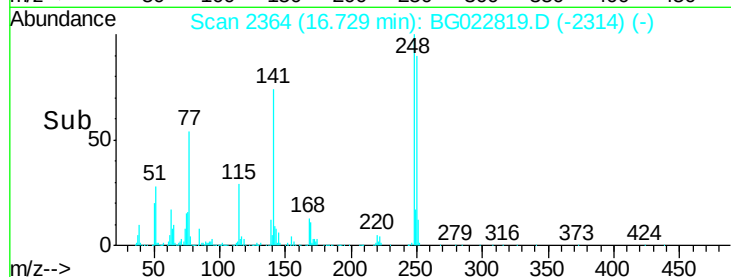
Tot Ion	Ratio	Lower	Upper
248	100		
250	90.6	76.6	114.8
141	74.4	61.8	92.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

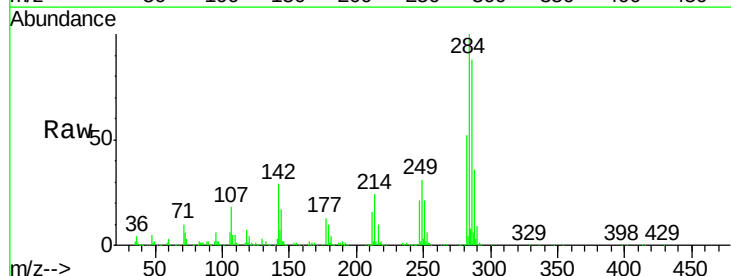


Time--> 16.65 16.70 16.75 16.80

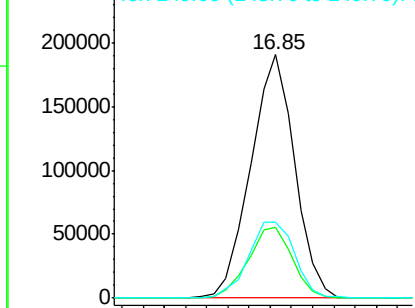


#66
Hexachlorobenzene
Concen: 20.17 ng/ul
RT: 16.85 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

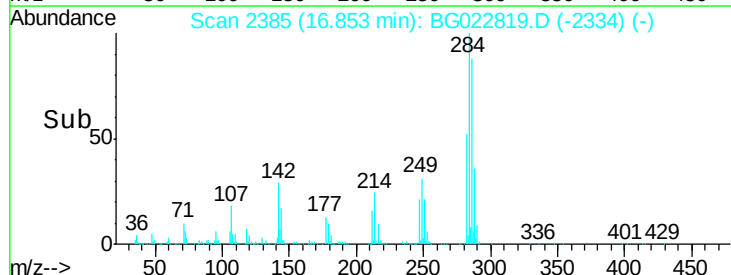
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	27.8	41.8
249	31.3	24.4	36.6

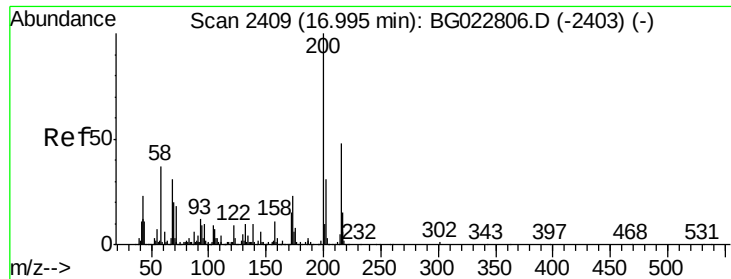


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time--> 16.80 16.85 16.90

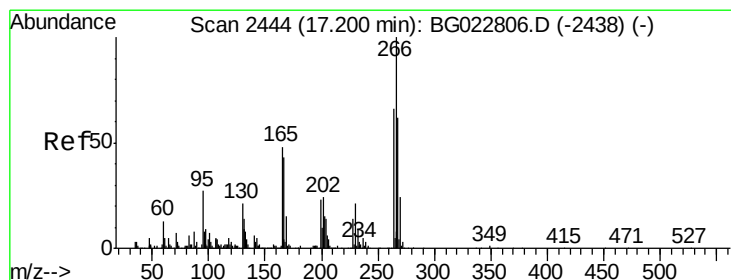
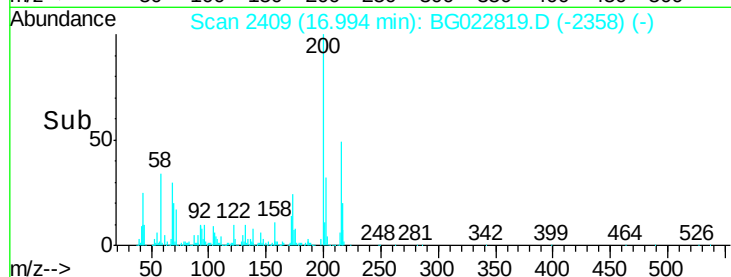
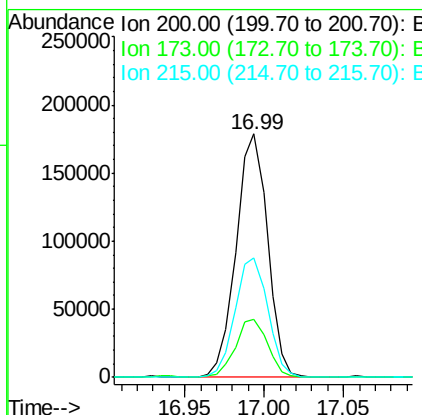
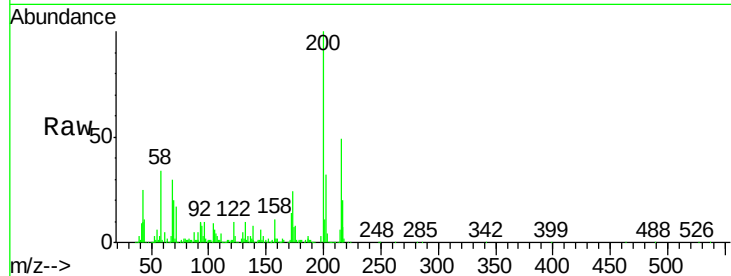




#67
Atrazine
Concen: 20.79 ng/ul
RT: 16.99 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

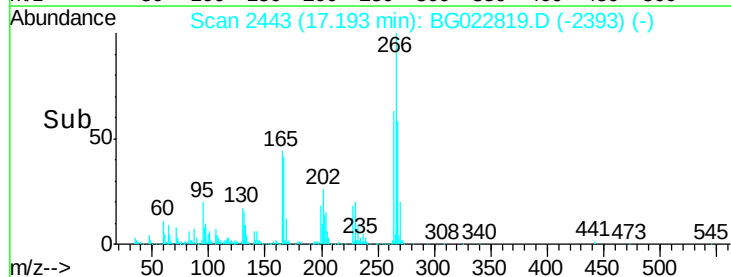
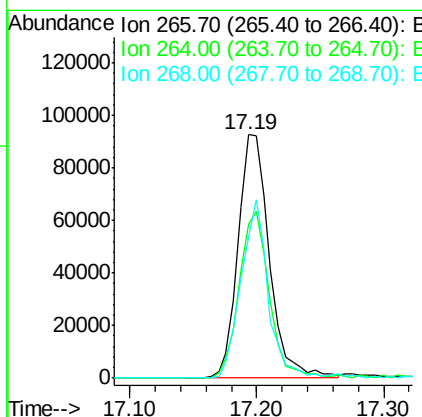
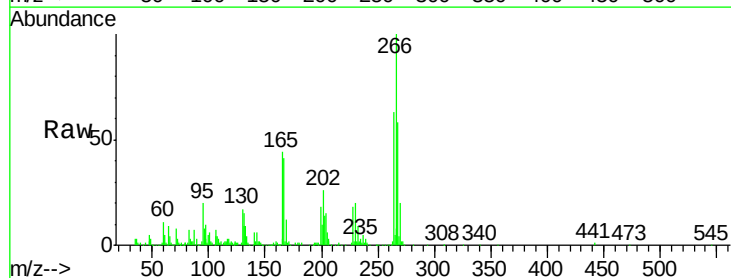
Instrument :
BNA_G
ClientSampleId :
SSTD02016

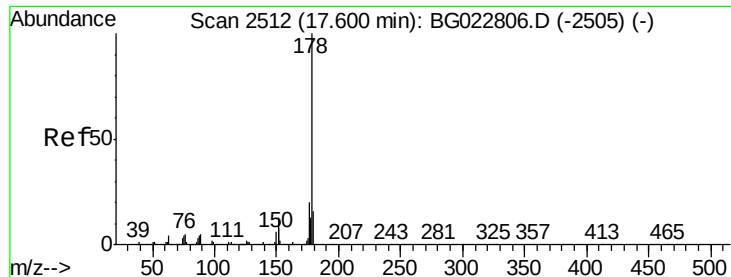
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	21.0	31.6
215	49.1	37.9	56.9



#68
Pentachlorophenol
Concen: 20.19 ng/ul
RT: 17.19 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.2	54.7	82.1
268	58.1	57.8	86.8





#69

Phenanthrene

Concen: 20.90 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Instrument :

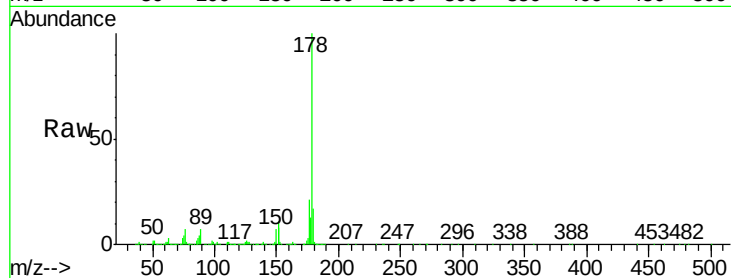
BNA_G

ClientSampleId :

SSTD02016

Tot Ion:178 Resp: 1030354

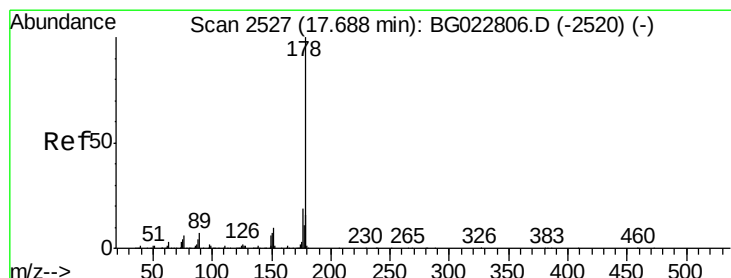
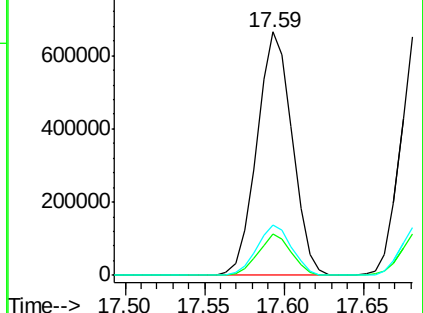
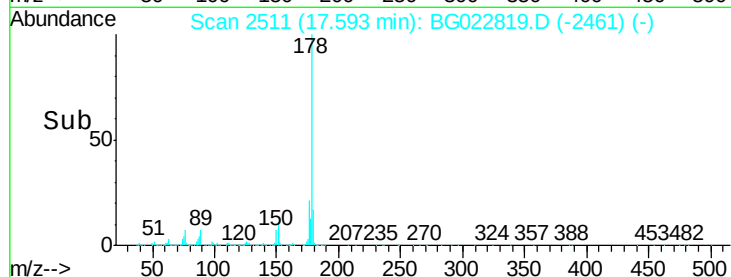
Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.9	19.3
176	20.8	15.8	23.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 20.58 ng/ul

RT: 17.69 min Scan# 2527

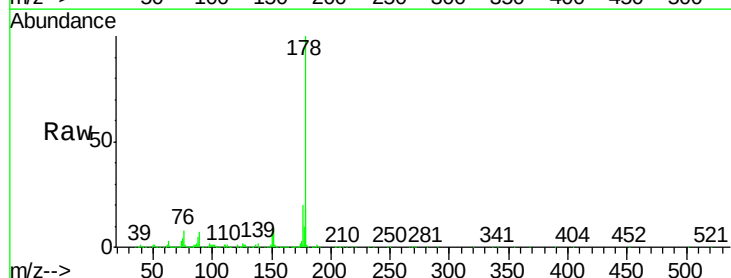
Delta R.T. -0.00 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Tgt Ion:178 Resp: 1042756

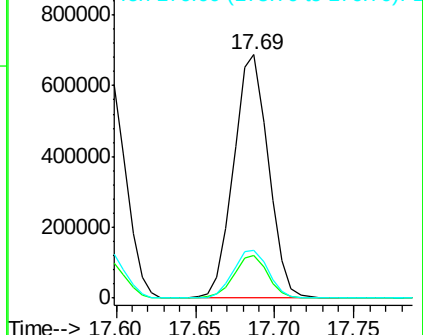
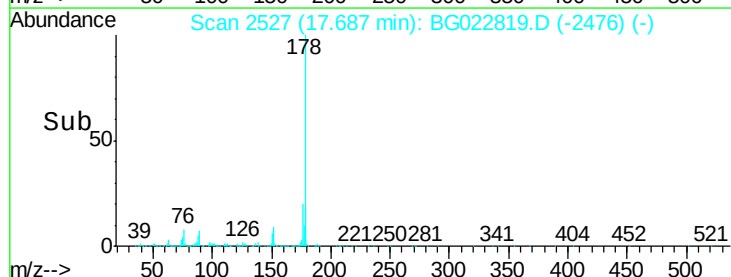
Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.3	18.5
176	19.6	16.3	24.5

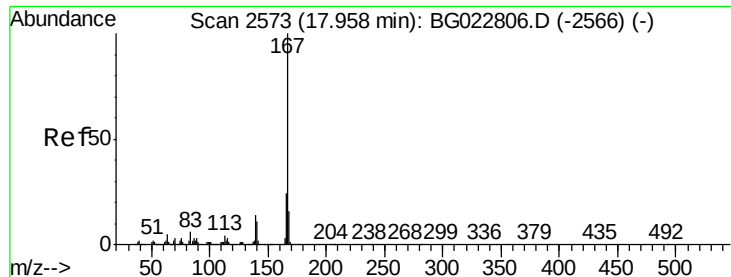


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 22.96 ng/ul

RT: 17.96 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Instrument :

BNA_G

ClientSampleId :

SSTD02016

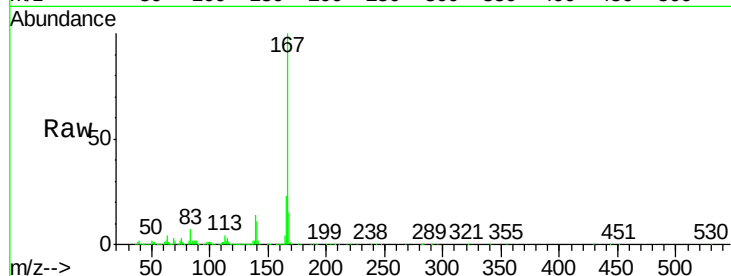
Tot Ion:167 Resp: 860907

Ion Ratio Lower Upper

167 100

166 22.6 19.2 28.8

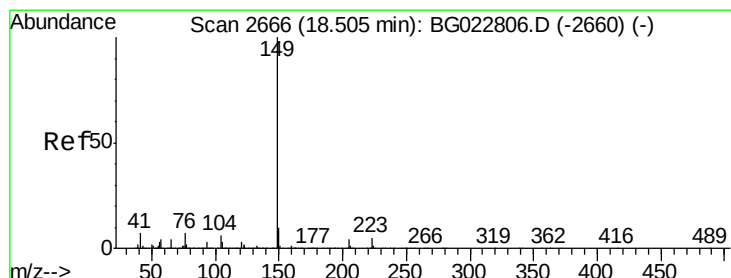
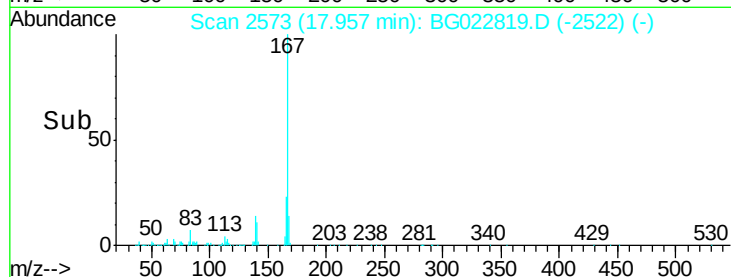
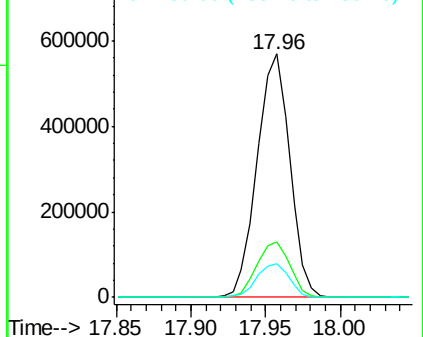
139 13.6 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 21.55 ng/ul

RT: 18.50 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

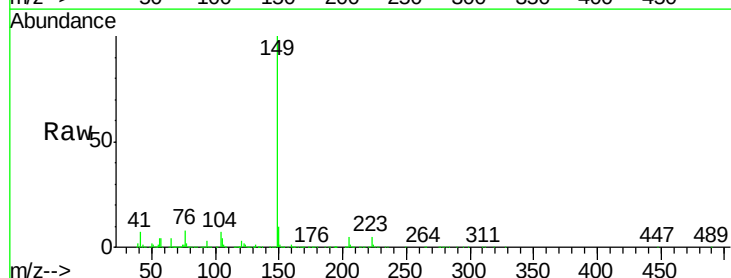
Tgt Ion:149 Resp: 1037327

Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

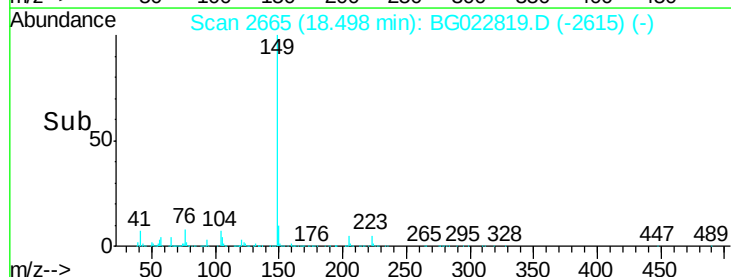
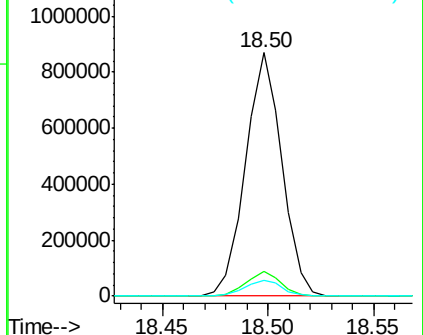
104 6.6 3.3 4.9#

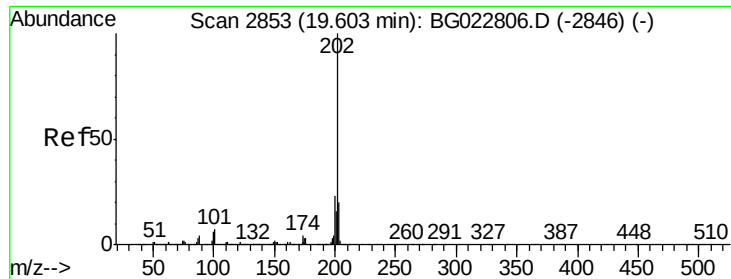


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

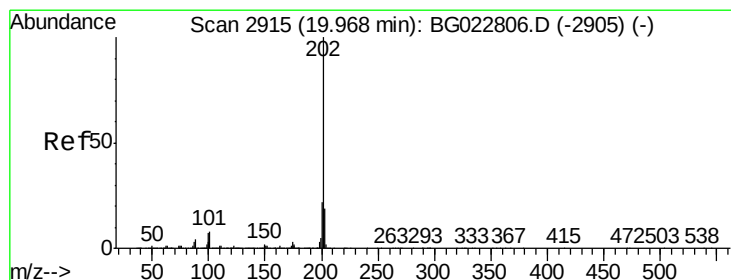
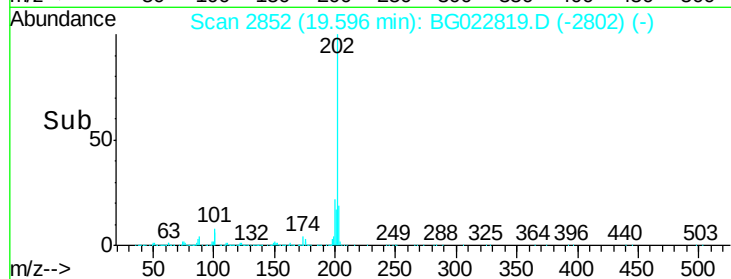
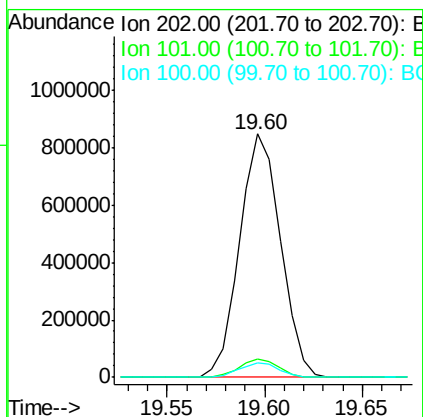
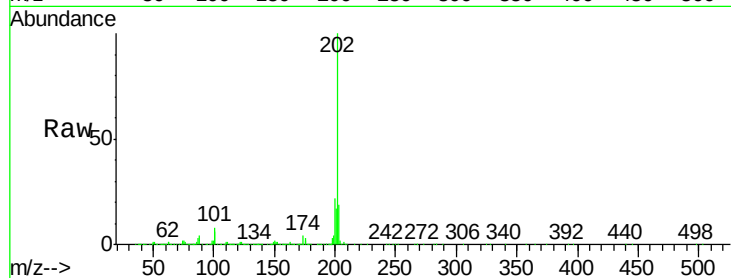




#74
 Fluoranthene
 Concen: 24.04 ng/ul
 RT: 19.60 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BG022819.D
 Acq: 3 Jul 2016 7:48

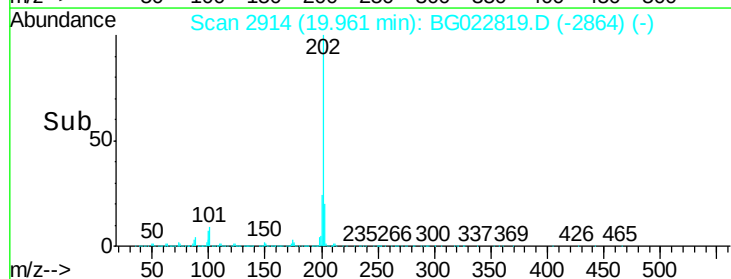
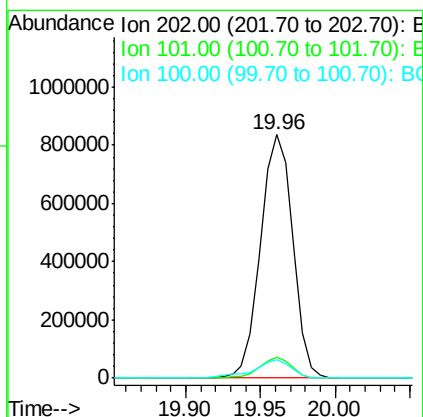
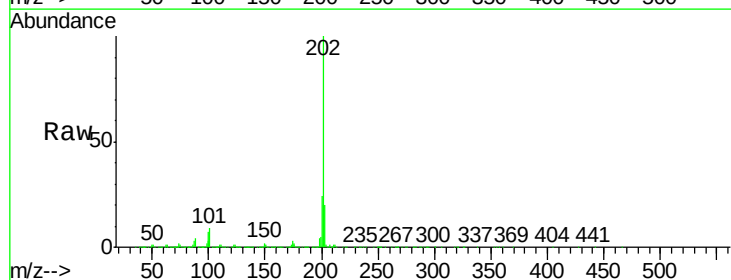
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02016

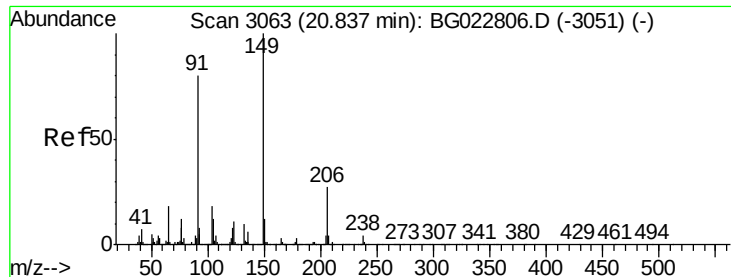
Tot Ion:202 Resp: 1234643
 Ion Ratio Lower Upper
 202 100
 101 7.5 10.6 16.0#
 100 6.0 8.7 13.1#



#77
 Pyrene
 Concen: 21.16 ng/ul
 RT: 19.96 min Scan# 2914
 Delta R.T. -0.01 min
 Lab File: BG022819.D
 Acq: 3 Jul 2016 7:48

Tgt Ion:202 Resp: 1248870
 Ion Ratio Lower Upper
 202 100
 101 8.7 12.5 18.7#
 100 7.5 10.2 15.4#

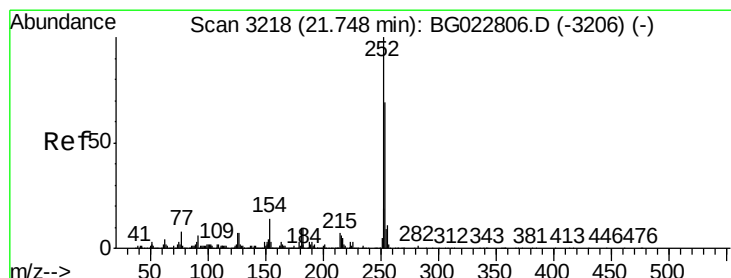
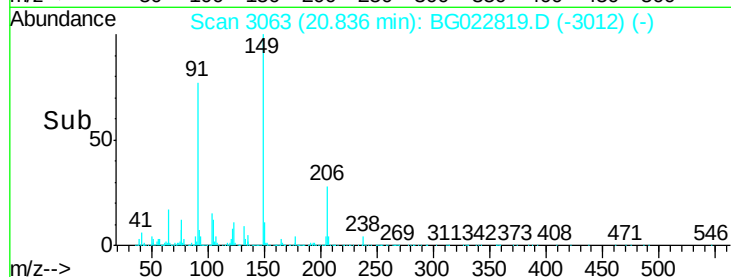
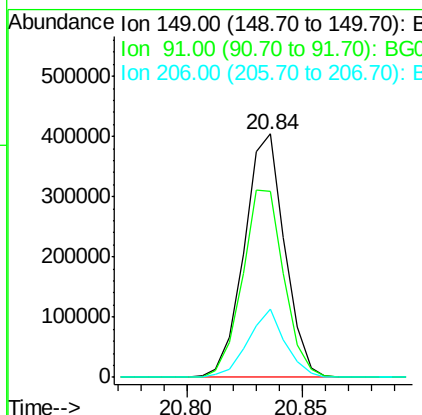
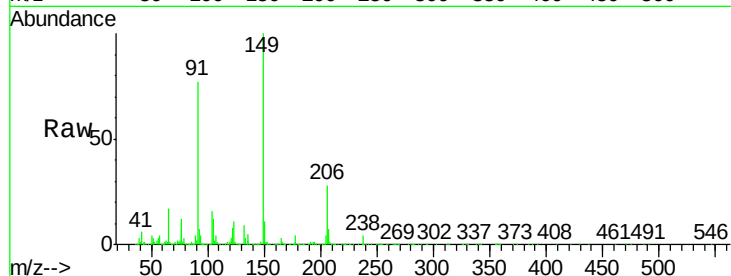




#78
Butylbenzylphthalate
Concen: 21.55 ng/ul
RT: 20.84 min Scan# 3063
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

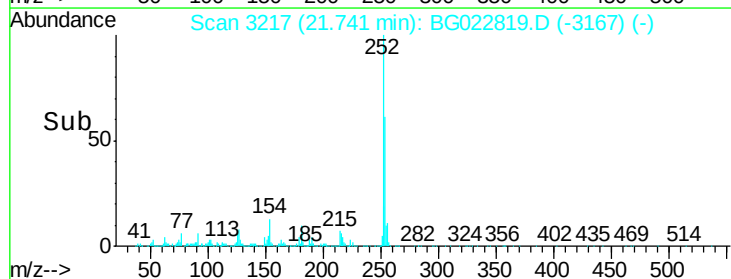
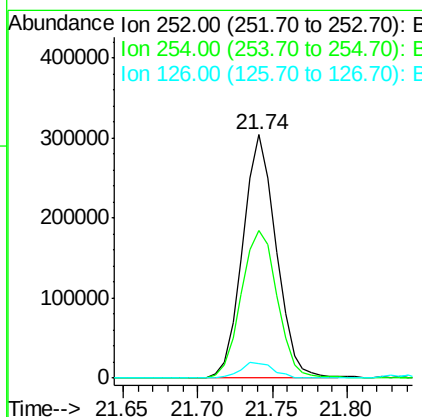
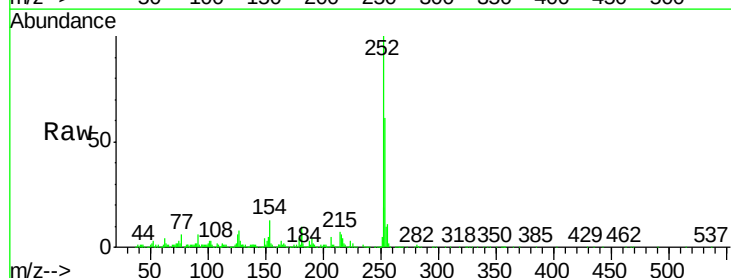
Instrument :
BNA_G
ClientSampleID :
SSTD02016

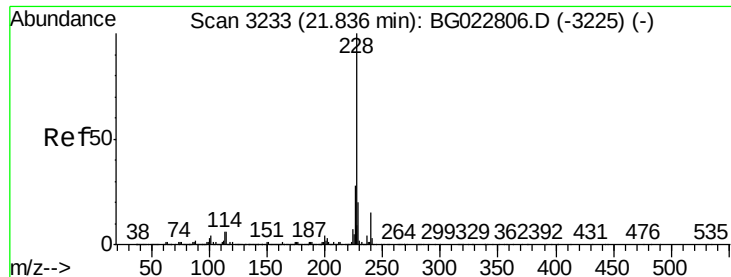
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.6	54.2	81.4
206	27.9	14.1	21.1



#79
3,3'-Dichlorobenzidine
Concen: 23.64 ng/ul
RT: 21.74 min Scan# 3217
Delta R.T. -0.01 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.8	51.4	77.2
126	5.8	10.7	16.1





#80

Benzo(a)anthracene

Concen: 21.14 ng/ul

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Instrument :

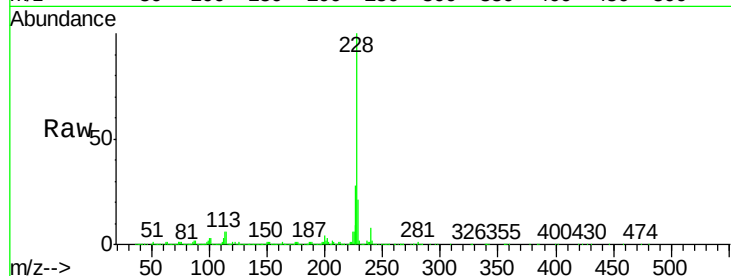
BNA_G

ClientSampleId :

SSTD02016

Tot Ion:228 Resp: 1307363

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.2
226	28.4	22.8	34.2

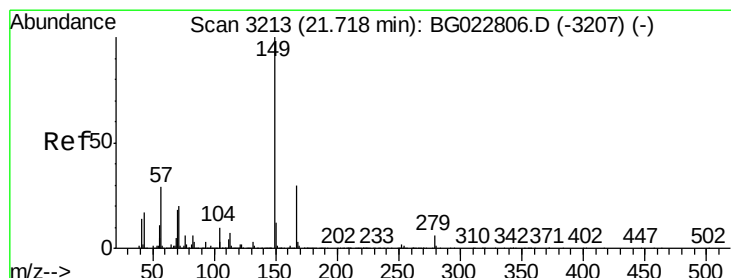
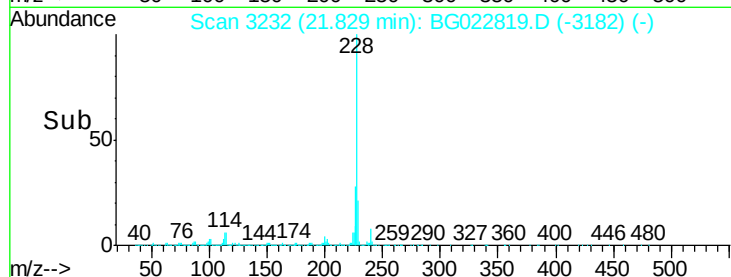
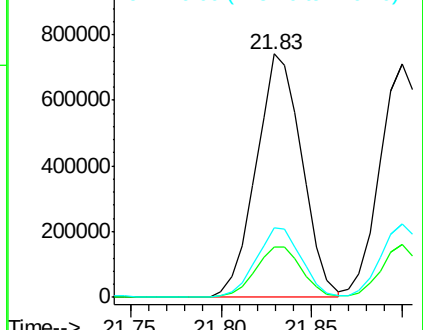


Abundance

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



#81

Bis(2-ethylhexyl)phthalate

Concen: 22.49 ng/ul

RT: 21.72 min Scan# 3213

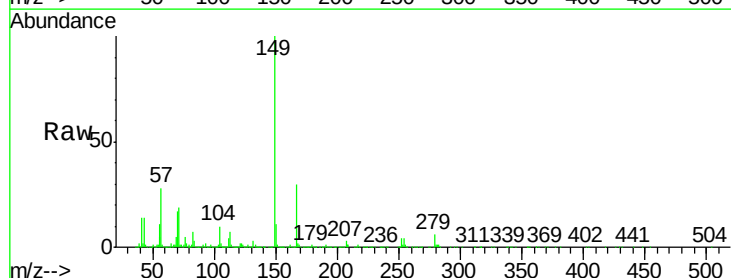
Delta R.T. -0.00 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Tgt Ion:149 Resp: 664043

Ion	Ratio	Lower	Upper
149	100		
167	30.1	21.9	32.9
279	6.1	2.9	4.3#

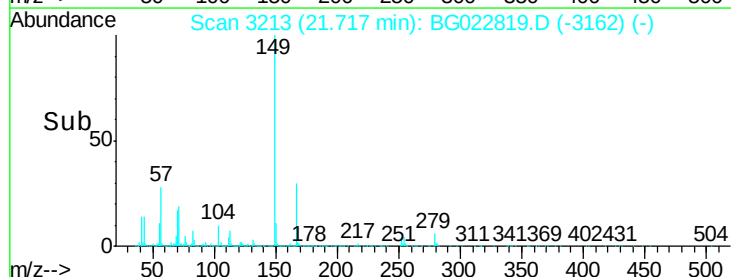
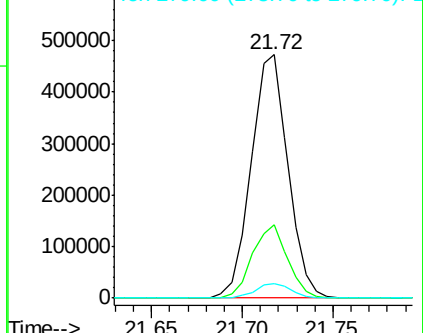


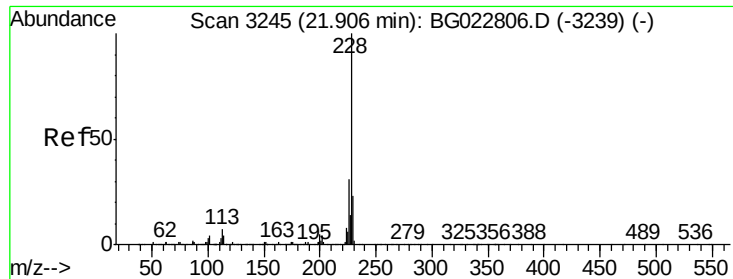
Abundance

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





#82

Chrysene

Concen: 21.37 ng/ul

RT: 21.90 min Scan# 3244

Delta R.T. -0.01 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Instrument :

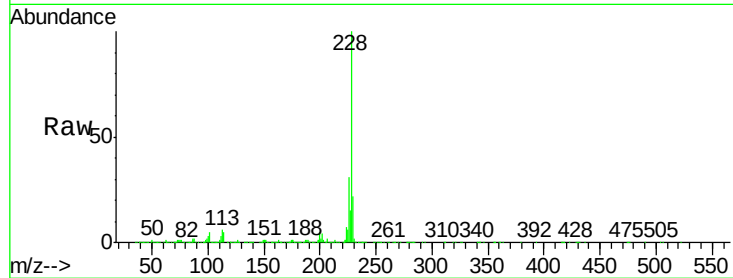
BNA_G

ClientSampleId :

SSTD02016

Tot Ion:228 Resp: 1202756

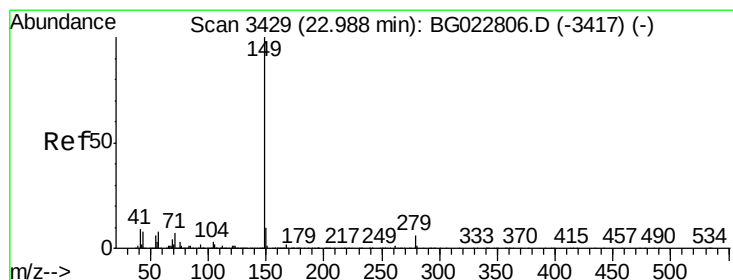
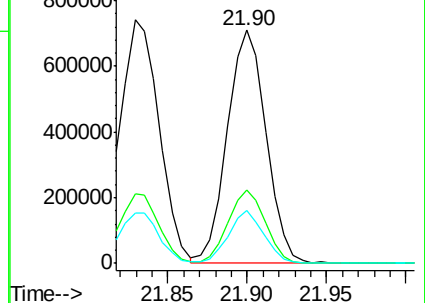
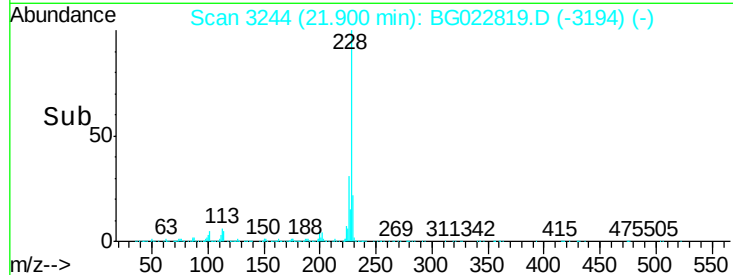
Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.2	36.4
229	22.4	15.0	22.6



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



#84

Di-n-octyl phthalate

Concen: 23.78 ng/ul

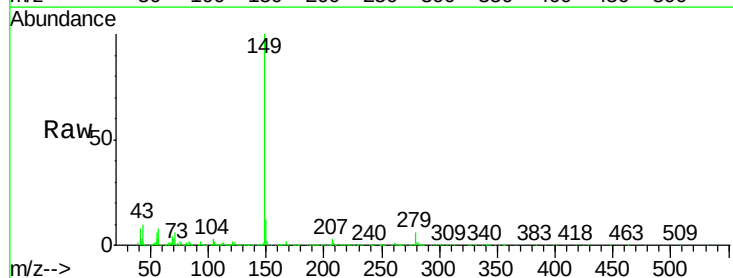
RT: 22.98 min Scan# 3428

Delta R.T. -0.01 min

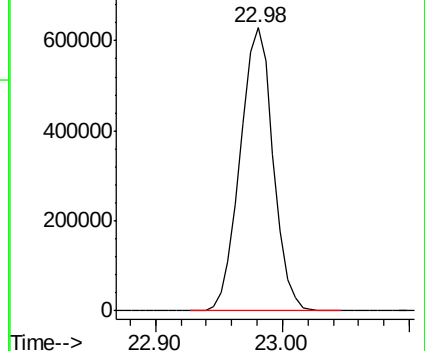
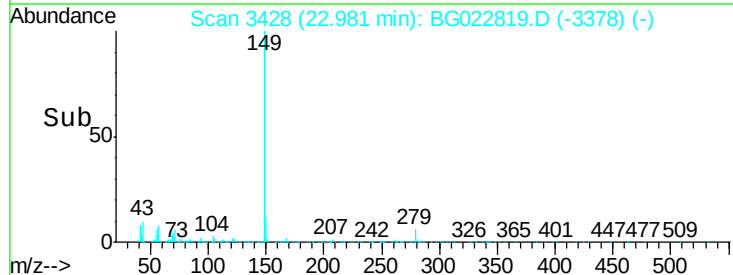
Lab File: BG022819.D

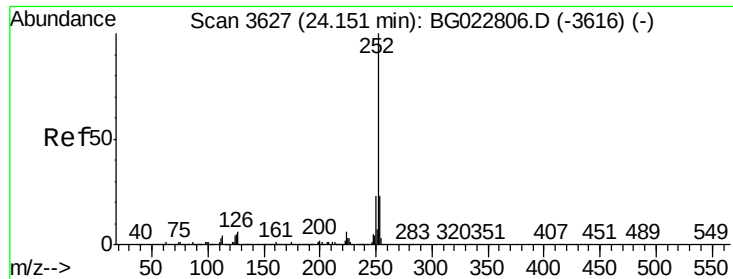
Acq: 3 Jul 2016 7:48

Tgt Ion:149 Resp: 1131990



Abundance Ion 149.00 (148.70 to 149.70): E

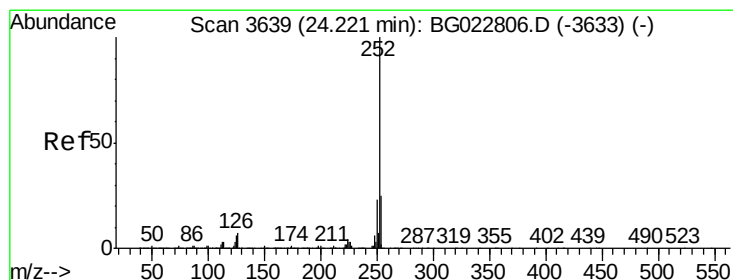
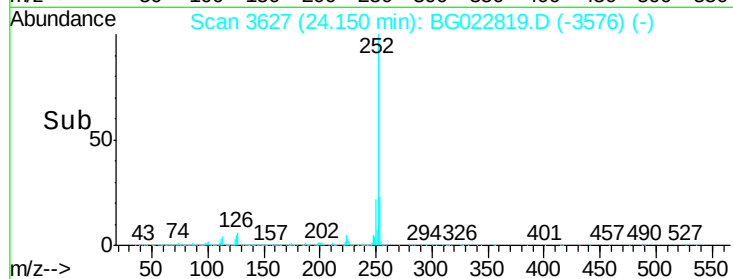
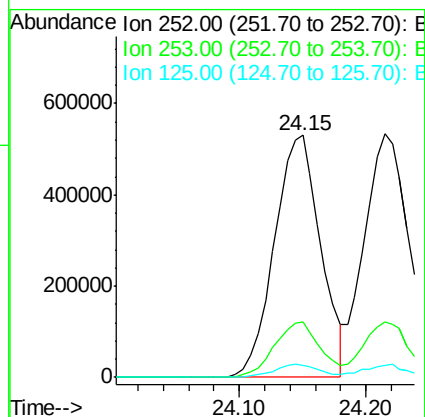
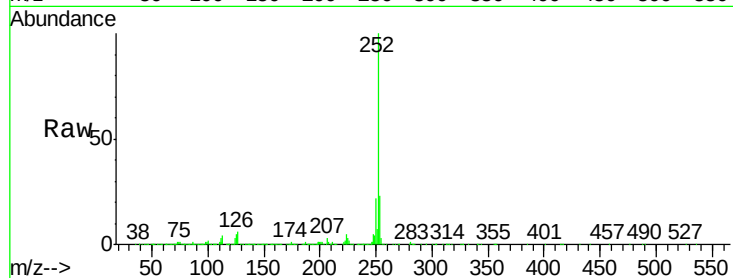




#85
Benzo(b)fluoranthene
Concen: 19.87 ng/ul
RT: 24.15 min Scan# 3627
Delta R.T. -0.00 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

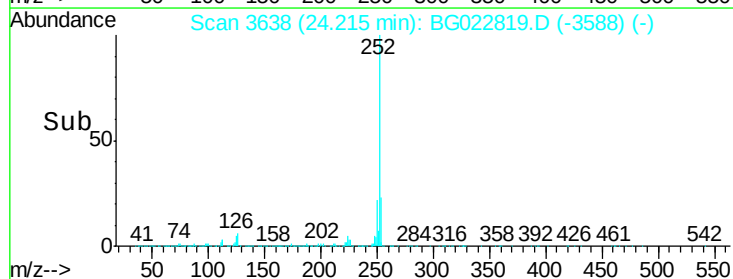
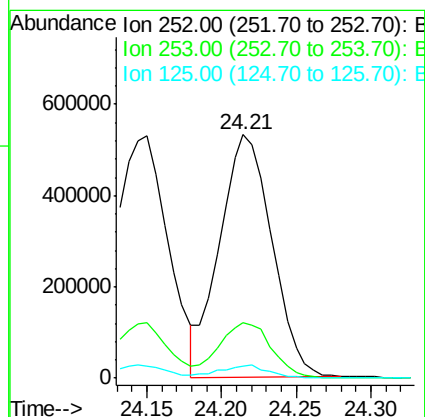
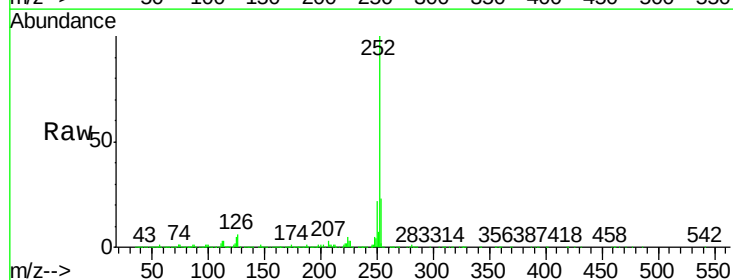
Instrument :
BNA_G
ClientSampleId :
SSTD02016

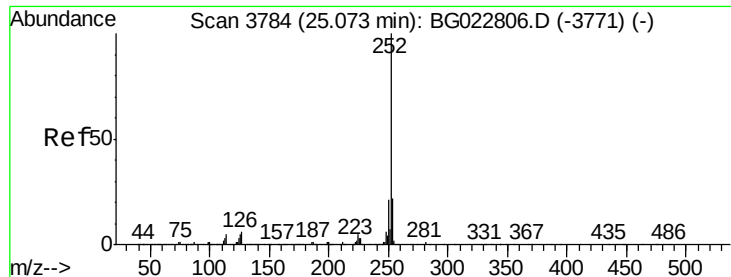
Tot Ion:252 Resp: 1341013
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 4.7 10.8 16.2#



#86
Benzo(k)fluoranthene
Concen: 20.40 ng/ul
RT: 24.21 min Scan# 3638
Delta R.T. -0.01 min
Lab File: BG022819.D
Acq: 3 Jul 2016 7:48

Tgt Ion:252 Resp: 1293212
Ion Ratio Lower Upper
252 100
253 22.8 15.8 23.6
125 5.0 10.6 16.0#





#88

Benzo(a)pyrene

Concen: 20.22 ng/ul

RT: 25.06 min Scan# 3782

Delta R.T. -0.01 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Instrument :

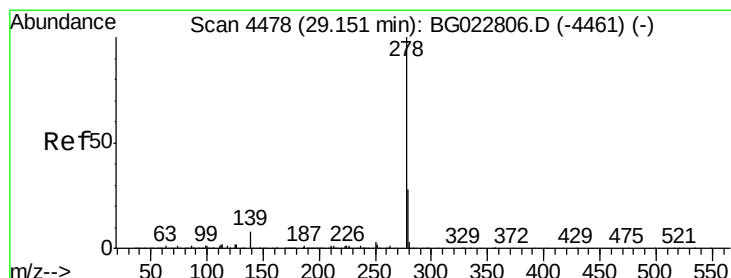
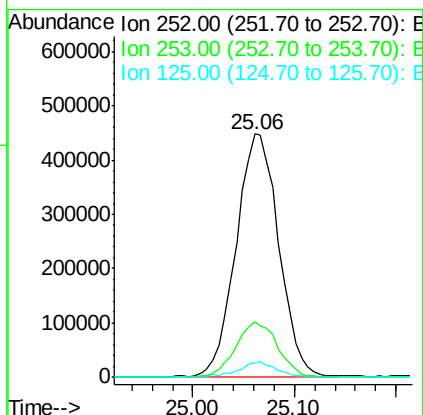
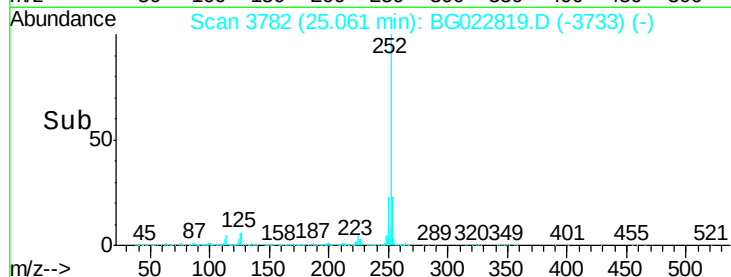
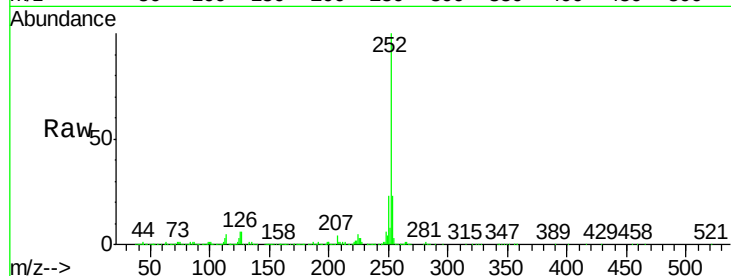
BNA_G

ClientSampleId :

SSTD02016

Tot Ion:252 Resp: 1296580

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.0	28.4
125	5.8	12.0	18.0



#90

Dibenzo(a,h)anthracene

Concen: 20.61 ng/ul

RT: 29.14 min Scan# 4477

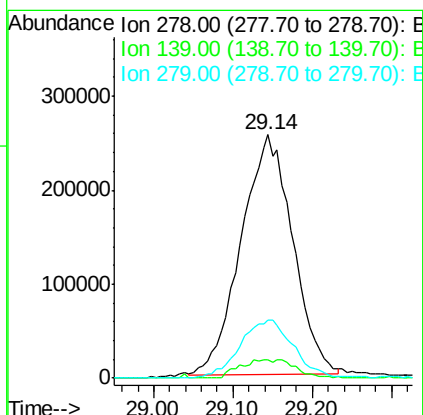
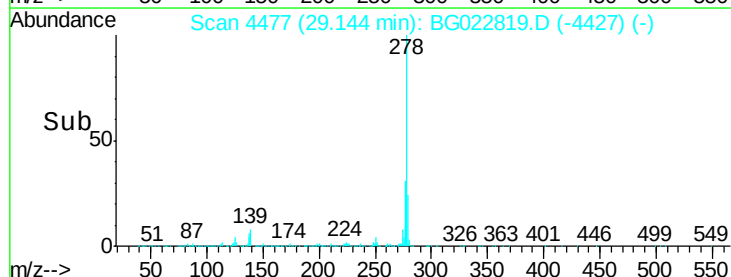
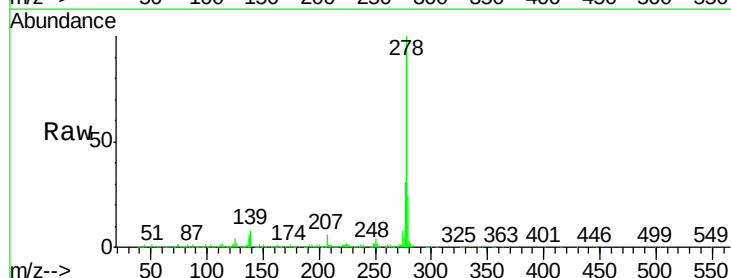
Delta R.T. -0.01 min

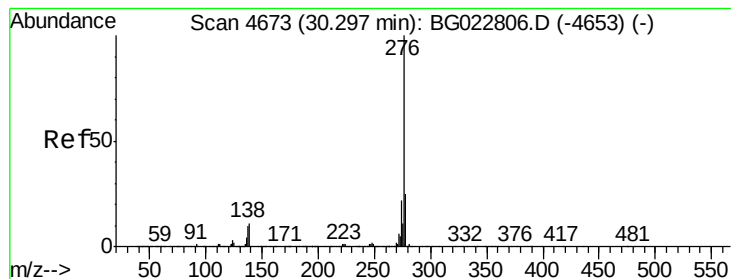
Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Tgt Ion:278 Resp: 1154964

Ion	Ratio	Lower	Upper
278	100		
139	7.5	16.3	24.5
279	23.7	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 14.89 ng/ul

RT: 30.28 min Scan# 4670

Delta R.T. -0.02 min

Lab File: BG022819.D

Acq: 3 Jul 2016 7:48

Instrument :

BNA_G

ClientSampleId :

SSTD02016

Tot Ion:276 Resp: 791116

Ion Ratio Lower Upper

276 100

138 10.8 22.1 33.1#

277 22.1 17.0 25.4

