

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080816\
 Data File : BG023531.D
 Acq On : 8 Aug 2016 10:27
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02015

Quant Time: Aug 08 16:29:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 01 04:44:16 2004
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	135832	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	649684	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	470585	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1161469	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1164218	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1161301	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	24103	7.54	ng/uL	0.00
5) Phenol-d5	7.27	99	283629	20.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	185726	21.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	205994	22.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	222211	20.80	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	104573	20.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	121261	20.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	221916	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	301381	23.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	792116	20.56	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	919118	21.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	142788	21.71	ng/ul	0.00
57) Fluorene-d10	15.77	176	735023	20.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	149125	20.01	ng/ul	0.00
70) Anthracene-d10	17.64	188	1143696	21.86	ng/ul	0.00
76) Pyrene-d10	19.93	212	1250701	21.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1109627	21.11	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	27361	8.16	ng/uL#	80
4) Benzaldehyde	7.24	77	191603	22.97	ng/ul	86
6) Phenol	7.30	94	295147	20.71	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.53	93	220935	21.36	ng/ul	88
10) 2-Chlorophenol	7.68	128	198421	20.87	ng/ul#	86
11) 2-Methylphenol	8.56	108	214708	20.01	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.65	45	312907	22.11	ng/ul	96
14) Acetophenone	8.94	105	364965	21.30	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.92	70	217186	21.07	ng/ul#	86
16) 4-Methylphenol	8.89	108	241358	20.07	ng/ul	86
17) Hexachloroethane	9.21	117	82324	20.07	ng/ul#	83
20) Nitrobenzene	9.34	77	309077	20.59	ng/ul#	86
21) Isophorone	9.85	82	578623	20.96	ng/ul	94
23) 2-Nitrophenol	10.05	139	134373	21.16	ng/ul#	76
24) 2,4-Dimethylphenol	10.11	107	285769	20.51	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.34	93	334625	21.01	ng/ul#	96
27) 2,4-Dichlorophenol	10.59	162	231064	20.65	ng/ul	97
28) Naphthalene	11.00	128	695646	21.09	ng/ul	99
30) 4-Chloroaniline	11.10	127	299436	23.18	ng/ul	96
31) Hexachlorobutadiene	11.27	225	155049	20.81	ng/ul	93
32) Caprolactam	11.87	113	88960	19.15	ng/ul#	42
33) 4-Chloro-3-methylphenol	12.23	107	285885	19.86	ng/ul	85
34) 2-Methylnaphthalene	12.60	142	561656	21.00	ng/ul	94

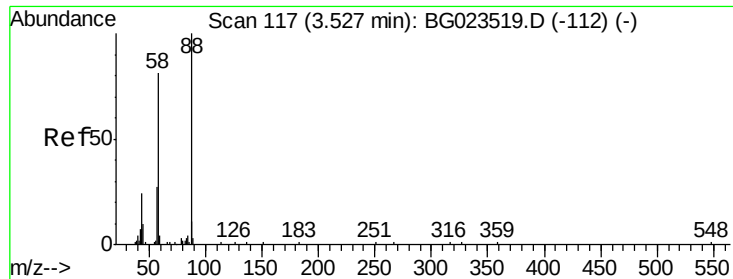
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	313377	21.69	ng/ul	97
37) Hexachlorocyclopentadiene	12.94	237	157212	19.67	ng/ul	99
38) 2,4,6-Trichlorophenol	13.21	196	209687	20.95	ng/ul	96
39) 2,4,5-Trichlorophenol	13.29	196	213938	19.94	ng/ul	98
40) 1,1'-Biphenyl	13.61	154	736895	21.31	ng/ul	99
41) 2-Chloronaphthalene	13.65	162	586722	21.82	ng/ul	98
44) Dimethylphthalate	14.22	163	790977	20.73	ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	172850	20.90	ng/ul#	84
47) Acenaphthylene	14.51	152	973388	21.46	ng/ul	98
48) 3-Nitroaniline	14.69	138	173177	22.27	ng/ul#	63
49) Acenaphthene	14.85	153	649941	21.03	ng/ul	97
50) 2,4-Dinitrophenol	14.90	184	92944	18.21	ng/ul#	89
52) 4-Nitrophenol	15.00	109	129268	19.62	ng/ul#	78
53) Dibenzofuran	15.18	168	967627	21.13	ng/ul	90
54) 2,4-Dinitrotoluene	15.15	165	259997	20.74	ng/ul#	72
55) 2,3,4,6-Tetrachlorophenol	15.41	232	219648	19.93	ng/ul#	97
56) Diethylphthalate	15.59	149	817543	20.50	ng/ul	96
58) Fluorene	15.83	166	777135	20.37	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	401224	20.91	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.91	198	160407	20.51	ng/ul#	81
64) N-Nitrosodiphenylamine	16.03	169	717401	22.10	ng/ul	97
65) 4-Bromophenyl-phenylether	16.72	248	278772	20.93	ng/ul	96
66) Hexachlorobenzene	16.84	284	301550	21.25	ng/ul	98
67) Atrazine	16.98	200	293294	21.88	ng/ul	98
68) Pentachlorophenol	17.19	266	159755	20.41	ng/ul	89
69) Phenanthrene	17.58	178	1297592	21.57	ng/ul	96
71) Anthracene	17.68	178	1342631	21.88	ng/ul	96
72) Carbazole	17.95	167	1156377	23.38	ng/ul	97
73) Di-n-butylphthalate	18.49	149	1382436	22.32	ng/ul#	95
74) Fluoranthene	19.60	202	1501957	24.39	ng/ul#	94
77) Pyrene	19.96	202	1522252	21.15	ng/ul#	94
78) Butylbenzylphthalate	20.83	149	615604	22.30	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.75	252	487007	23.74	ng/ul#	96
80) Benzo(a)anthracene	21.84	228	1418831	21.64	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.71	149	832615	22.68	ng/ul#	97
82) Chrysene	21.90	228	1280133	21.47	ng/ul	98
84) Di-n-octyl phthalate	22.98	149	1397476	23.83	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1394425	21.11	ng/ul#	95
86) Benzo(k)fluoranthene	24.22	252	1371266	21.09	ng/ul#	91
88) Benzo(a)pyrene	25.07	252	1349519	21.16	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.10	276	1580741	21.09	ng/ul#	88
90) Dibenzo(a,h)anthracene	29.16	278	1332192	20.84	ng/ul#	91
91) Benzo(g,h,i)perylene	30.30	276	1305414	21.01	ng/ul#	86

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



#2

1,4-Dioxane

Concen: 8.16 ng/uL

RT: 3.53 min Scan# 117

Delta R.T. -0.00 min

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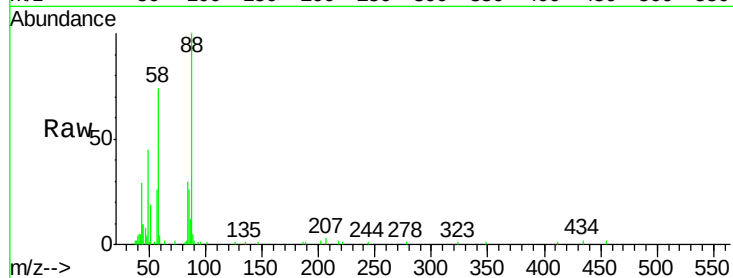
Tgt Ion: 88 Resp: 27361

Ion Ratio Lower Upper

88 100

43 28.6 16.6 24.8#

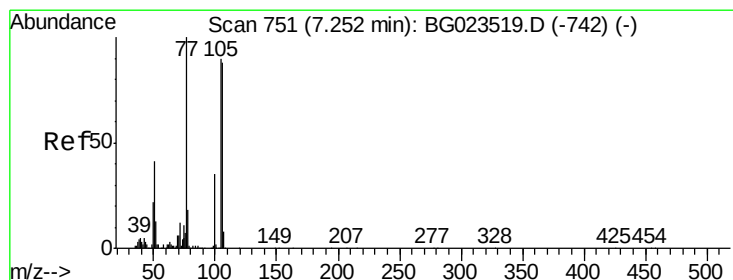
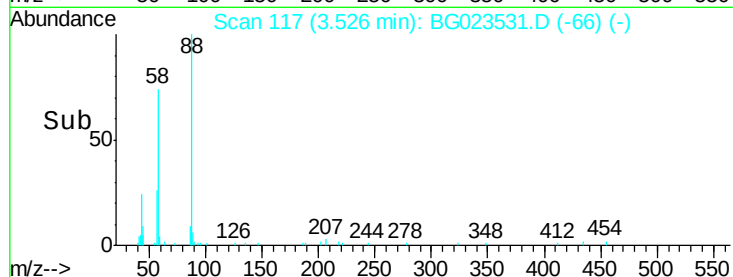
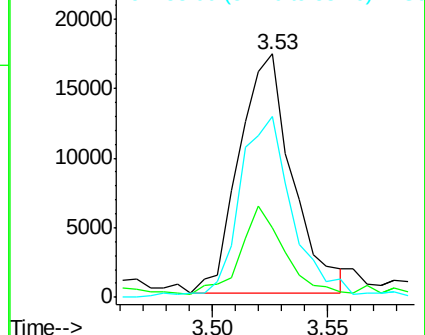
58 74.4 47.2 70.8#



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: 22.97 ng/uL

RT: 7.24 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

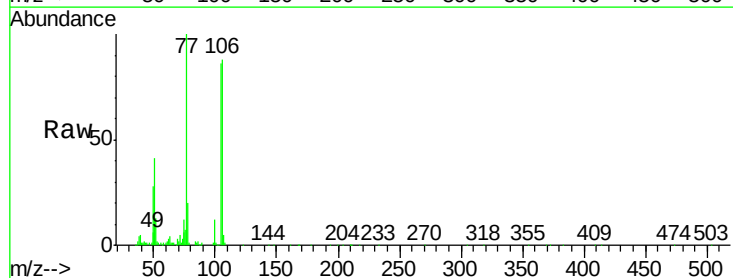
Tgt Ion: 77 Resp: 191603

Ion Ratio Lower Upper

77 100

105 86.5 83.8 125.8

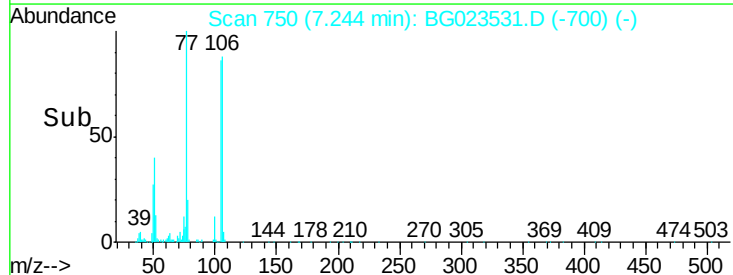
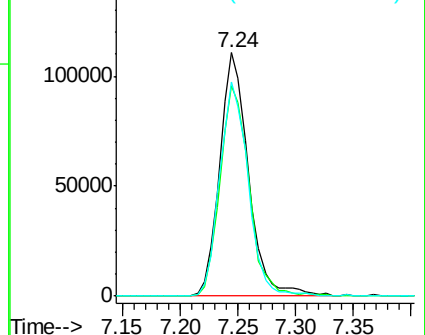
106 88.0 77.9 116.9

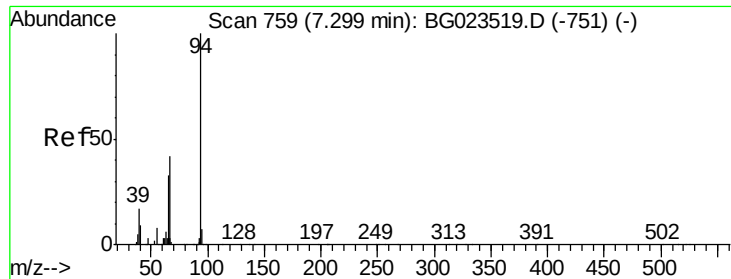


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 20.71 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SSTD02015

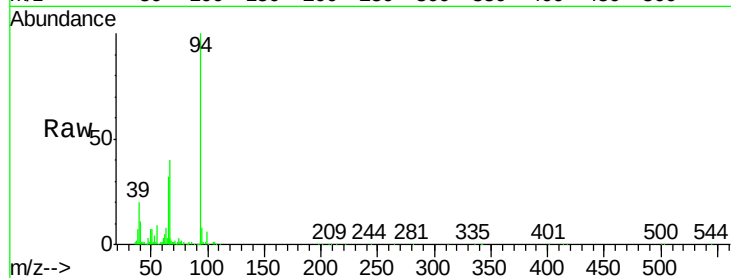
Tgt Ion: 94 Resp: 295147

Ion Ratio Lower Upper

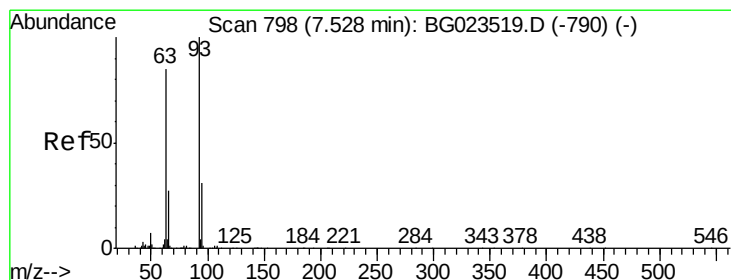
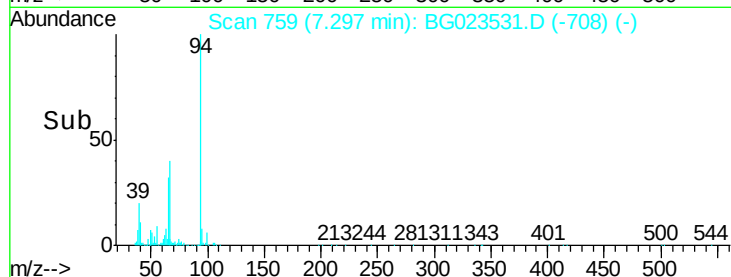
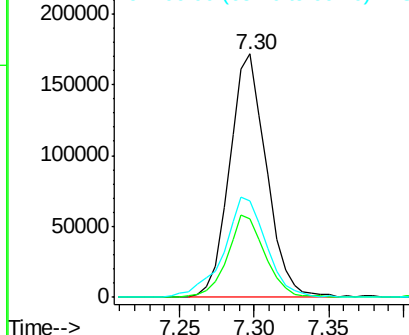
94 100

65 32.3 16.8 25.2#

66 39.8 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: 21.36 ng/ul

RT: 7.53 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

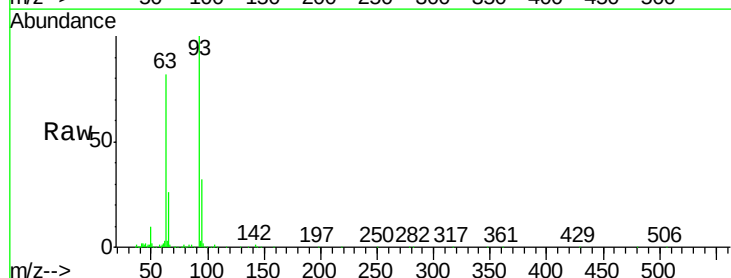
Tgt Ion: 93 Resp: 220935

Ion Ratio Lower Upper

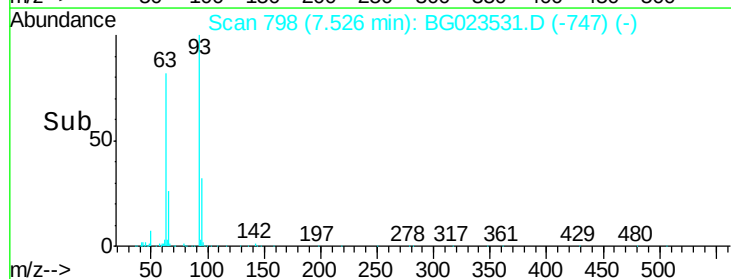
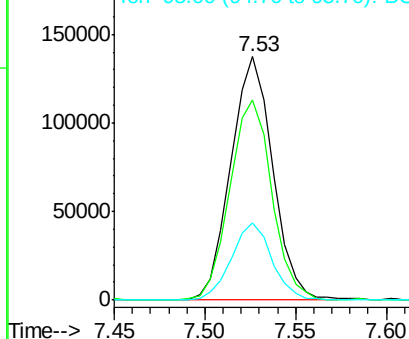
93 100

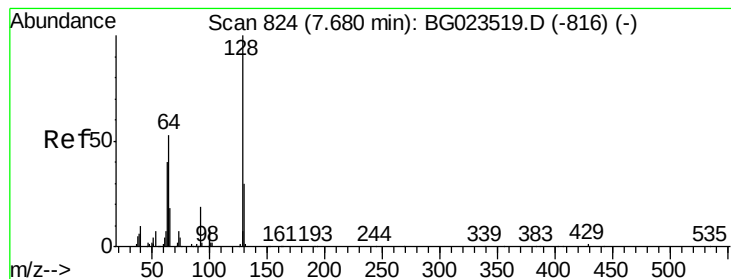
63 82.2 56.0 84.0

95 31.7 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: 20.87 ng/ul

RT: 7.68 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

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SSTD02015

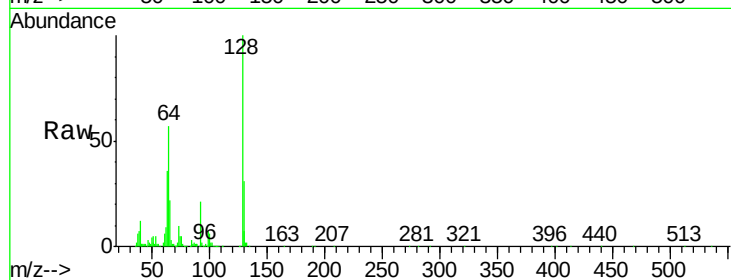
Tgt Ion:128 Resp: 198421

Ion Ratio Lower Upper

128 100

64 56.9 34.2 51.4#

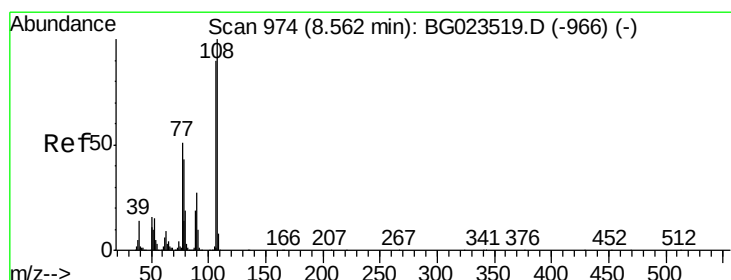
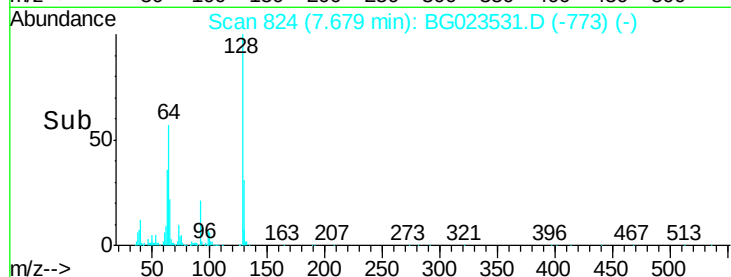
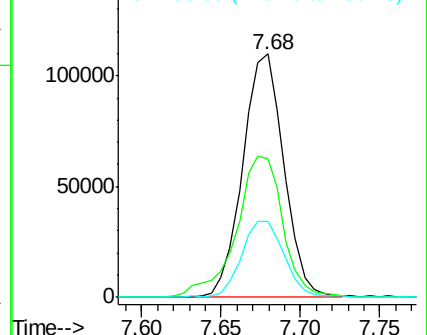
130 31.2 27.0 40.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.01 ng/ul

RT: 8.56 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG023531.D

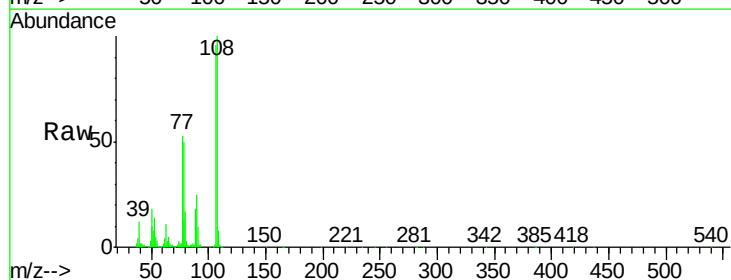
Acq: 8 Aug 2016 10:27

Tgt Ion:108 Resp: 214708

Ion Ratio Lower Upper

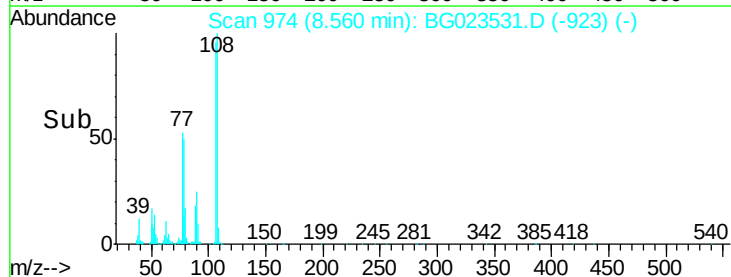
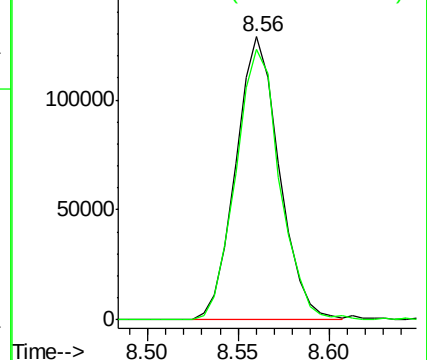
108 100

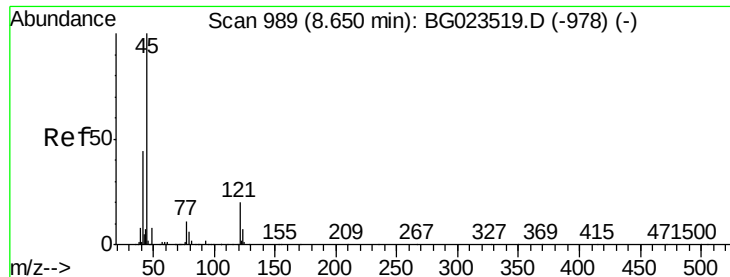
107 95.6 78.6 117.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

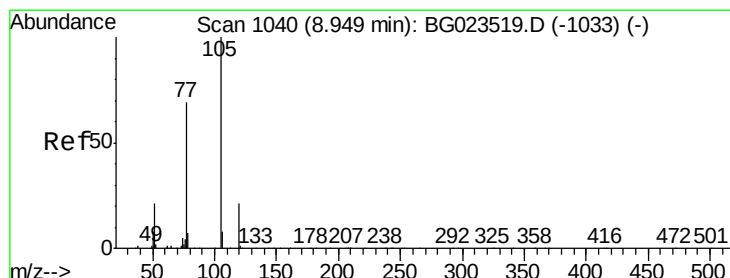
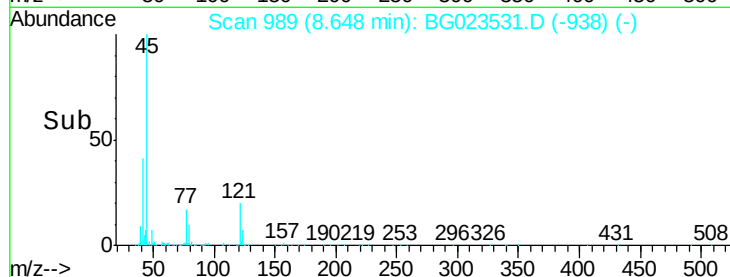
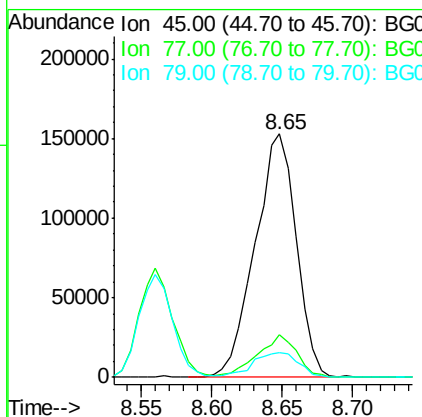
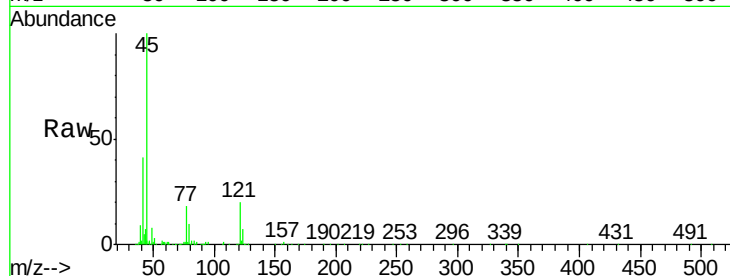




#12
2,2'-oxybis(1-chloropropane)
Concen: 22.11 ng/ul
RT: 8.65 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

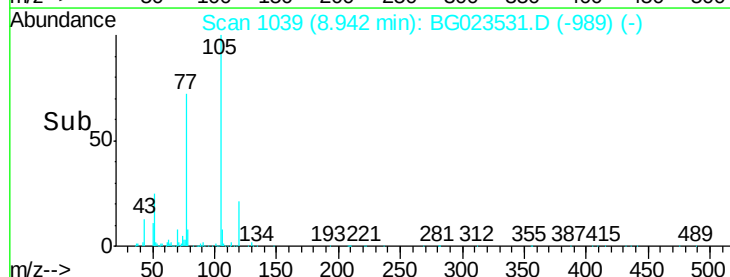
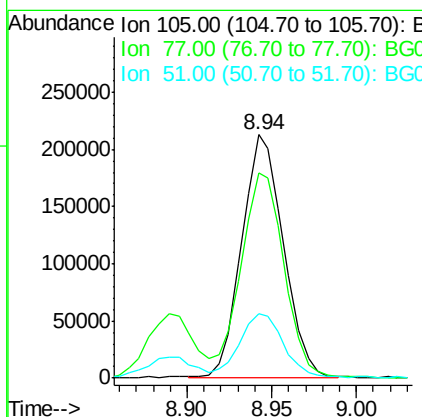
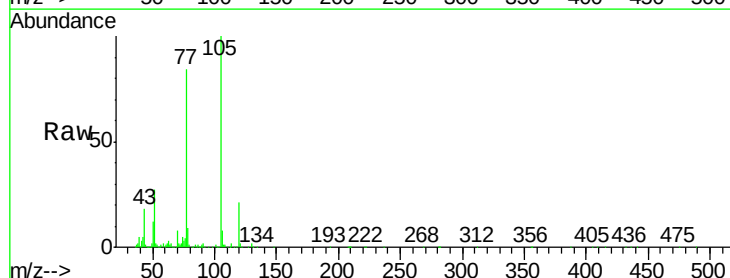
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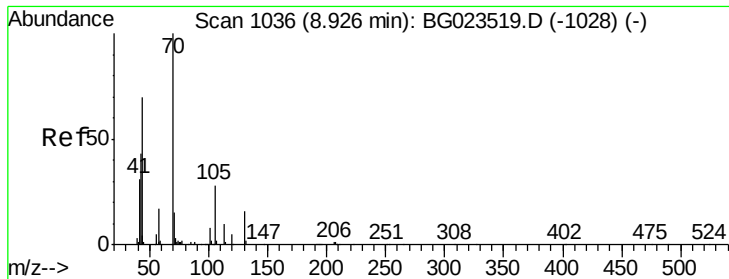
Tgt Ion:	45	Resp:	312907
Ion	Ratio	Lower	Upper
45	100		
77	17.5	13.4	20.2
79	10.4	10.2	15.4



#14
Acetophenone
Concen: 21.30 ng/ul
RT: 8.94 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion:	105	Resp:	364965
Ion	Ratio	Lower	Upper
105	100		
77	84.4	56.1	84.1#
51	26.5	14.6	22.0#

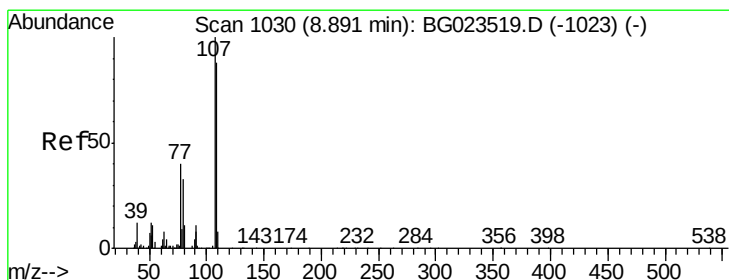
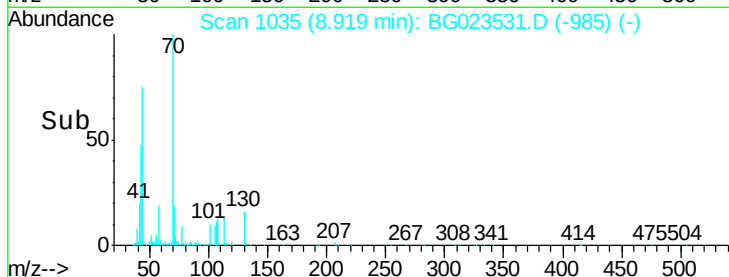
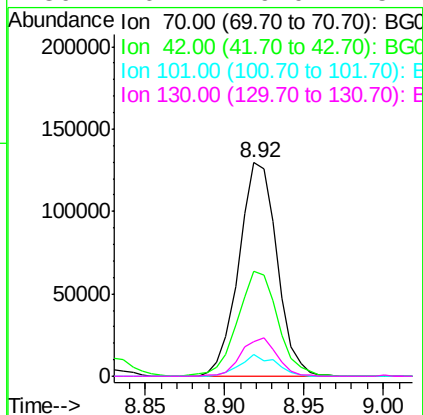
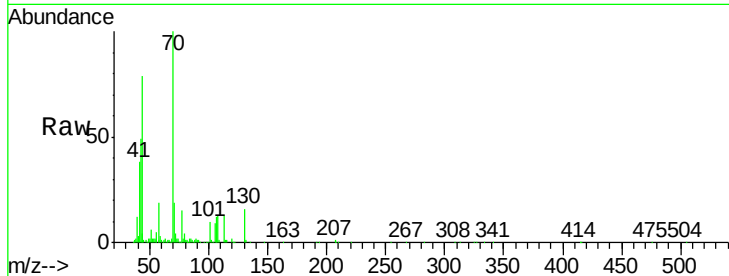




#15
N-Nitroso-di-n-propylamine
Concen: 21.07 ng/ul
RT: 8.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

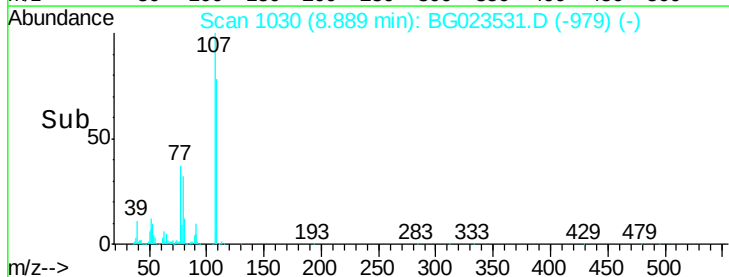
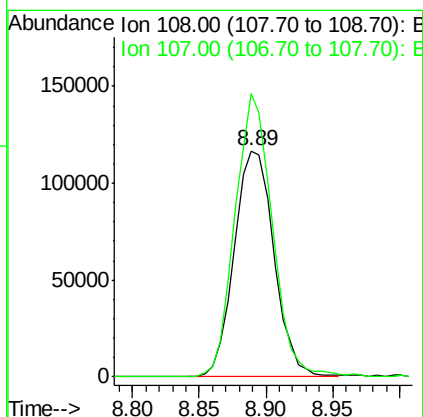
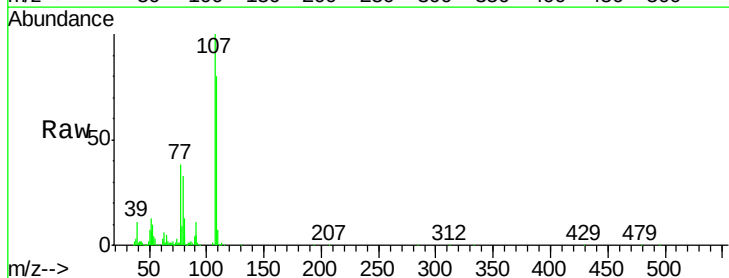
Instrument :
BNA_G
ClientSampleId :
SSTD02015

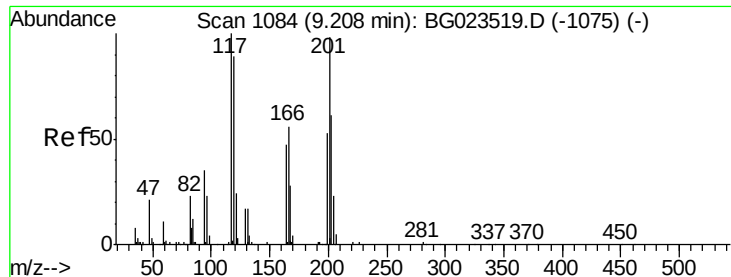
Tgt Ion: 70 Resp: 217186
Ion Ratio Lower Upper
70 100
42 49.2 31.4 47.2#
101 10.0 8.6 13.0
130 16.2 19.0 28.4#



#16
4-Methylphenol
Concen: 20.07 ng/ul
RT: 8.89 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion: 108 Resp: 241358
Ion Ratio Lower Upper
108 100
107 125.1 88.3 132.5





#17

Hexachloroethane

Concen: 20.07 ng/ul

RT: 9.21 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SSTD02015

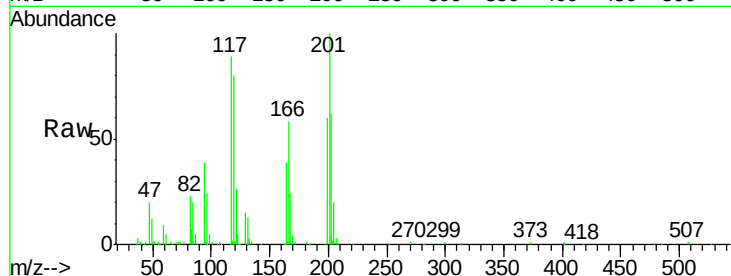
Tgt Ion:117 Resp: 82324

Ion Ratio Lower Upper

117 100

201 112.4 76.8 115.2

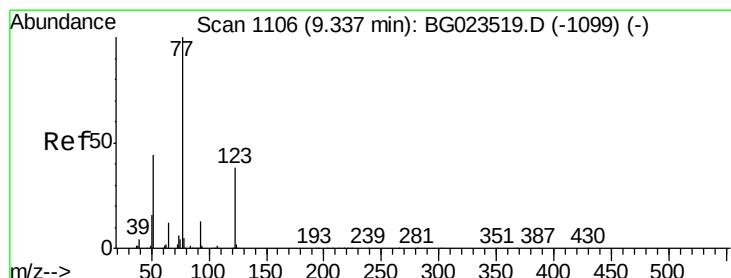
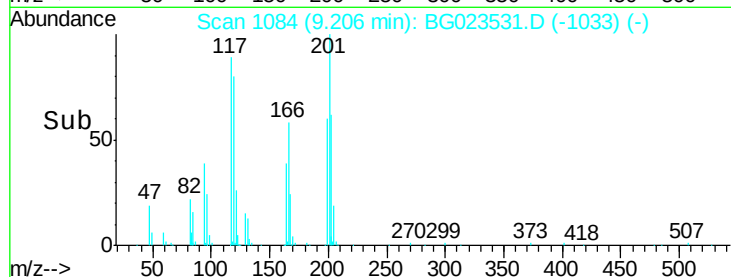
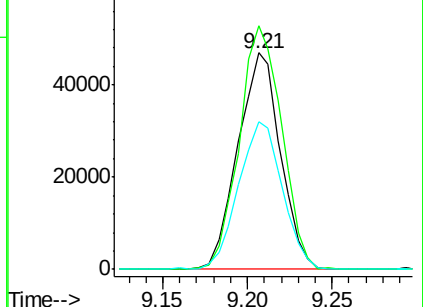
199 67.9 43.5 65.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 20.59 ng/ul

RT: 9.34 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

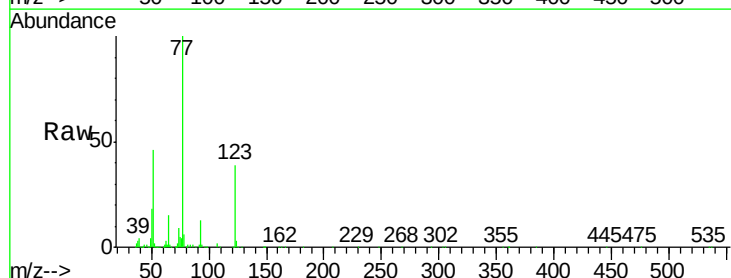
Tgt Ion: 77 Resp: 309077

Ion Ratio Lower Upper

77 100

123 39.1 39.5 59.3#

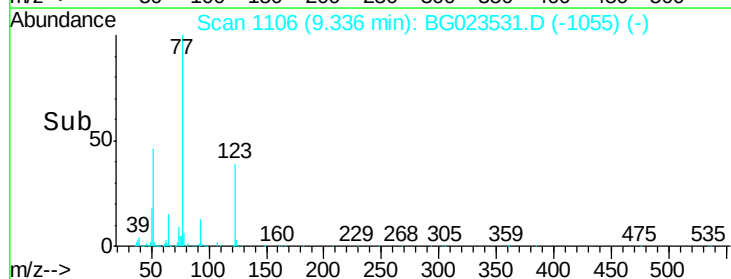
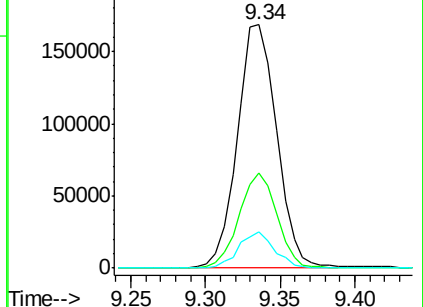
65 14.9 9.0 13.4#

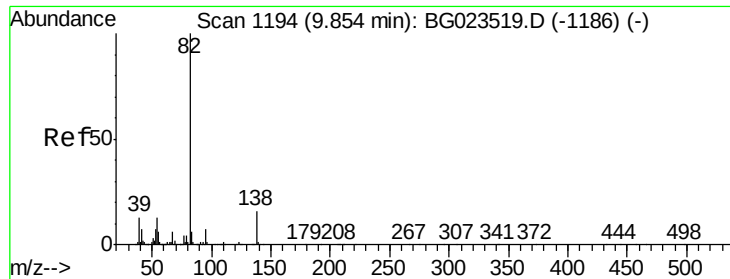


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 20.96 ng/ul

RT: 9.85 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SSTD02015

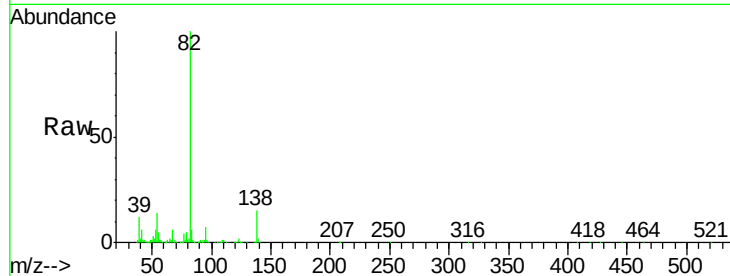
Tgt Ion: 82 Resp: 578623

Ion Ratio Lower Upper

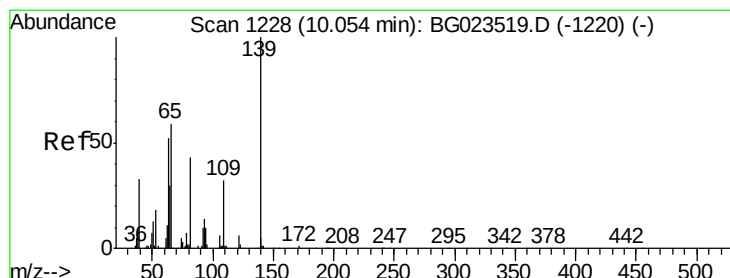
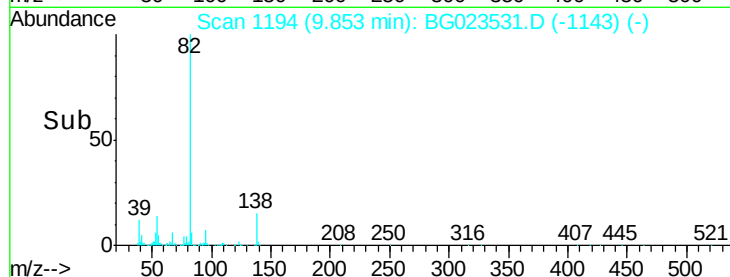
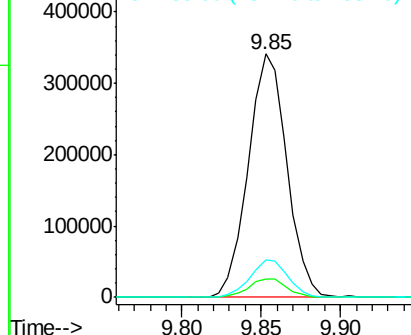
82 100

95 7.5 5.1 7.7

138 15.4 15.0 22.6



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



#23

2-Nitrophenol

Concen: 21.16 ng/ul

RT: 10.05 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

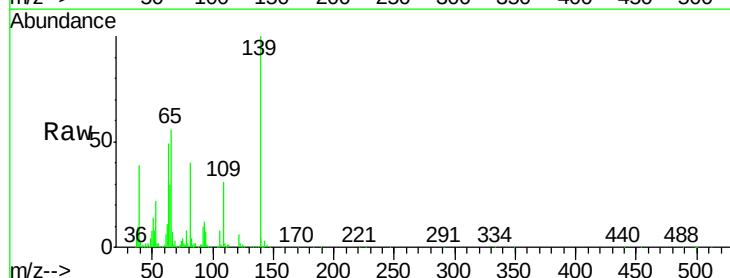
Tgt Ion: 139 Resp: 134373

Ion Ratio Lower Upper

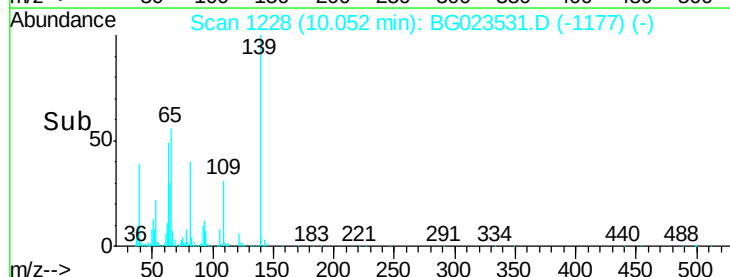
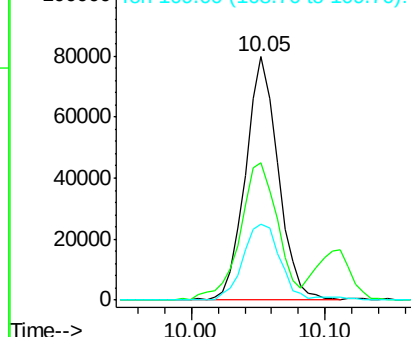
139 100

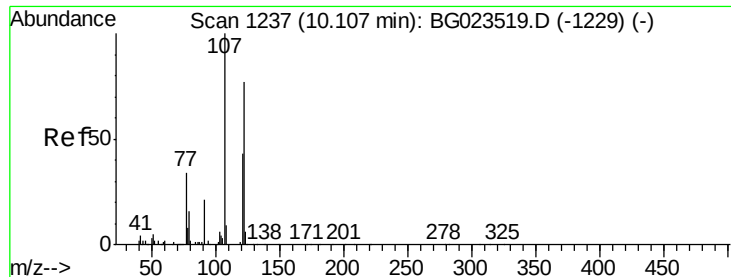
65 56.3 31.8 47.8#

109 30.9 17.1 25.7#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 109.00 (108.70 to 109.70): BGC

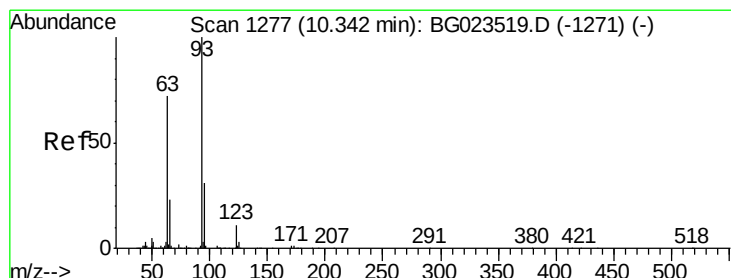
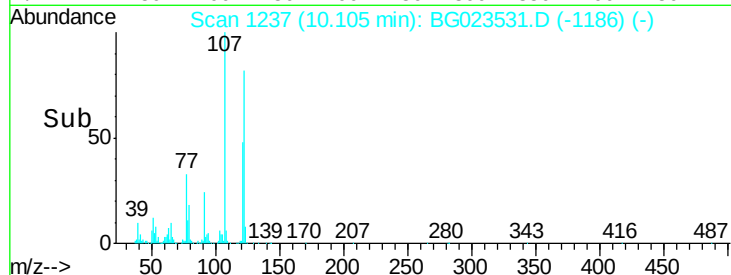
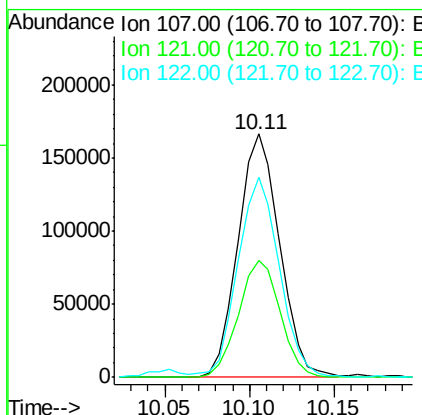
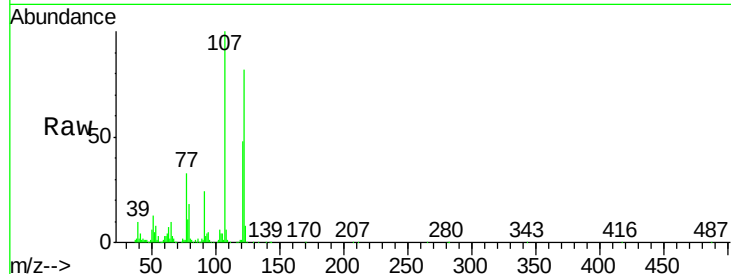




#24
 2,4-Dimethylphenol
 Concen: 20.51 ng/ul
 RT: 10.11 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

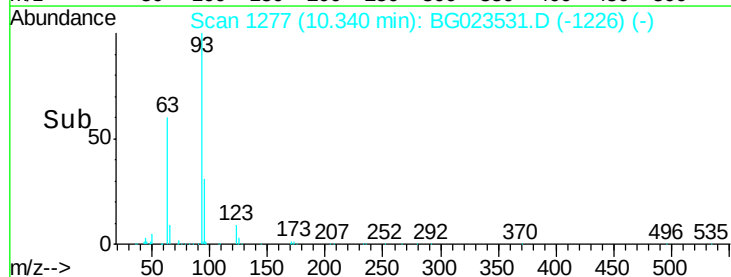
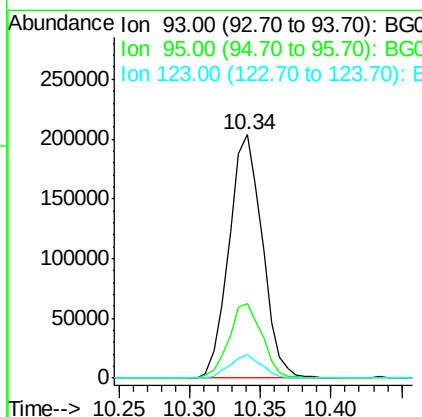
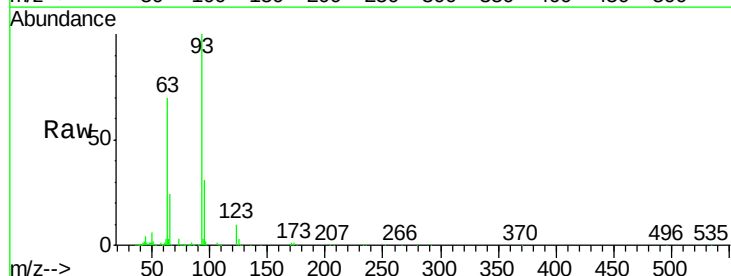
Instrument :
 BNA_G
 ClientSampleId :
 SST02015

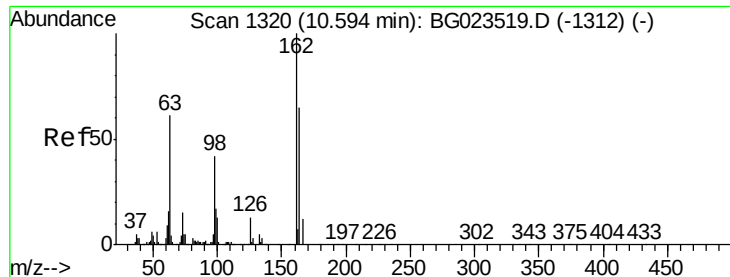
Tgt Ion: 107 Resp: 285769
 Ion Ratio Lower Upper
 107 100
 121 48.3 43.7 65.5
 122 82.4 70.3 105.5



#25
 Bis(2-Chloroethoxy)methane
 Concen: 21.01 ng/ul
 RT: 10.34 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Tgt Ion: 93 Resp: 334625
 Ion Ratio Lower Upper
 93 100
 95 30.9 26.0 39.0
 123 9.5 10.1 15.1#

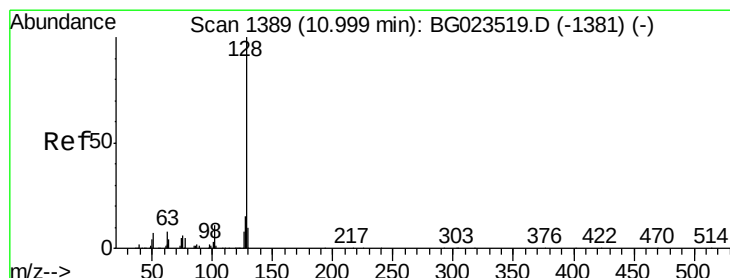
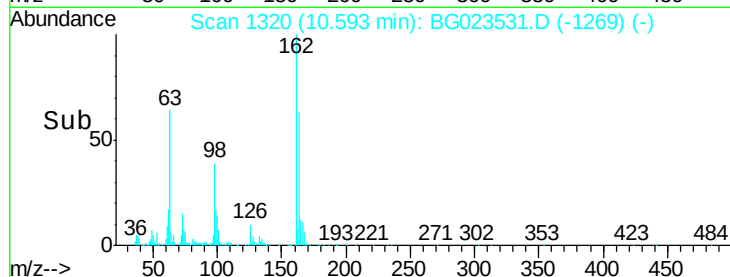
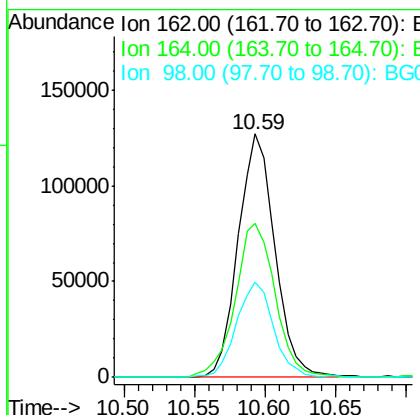
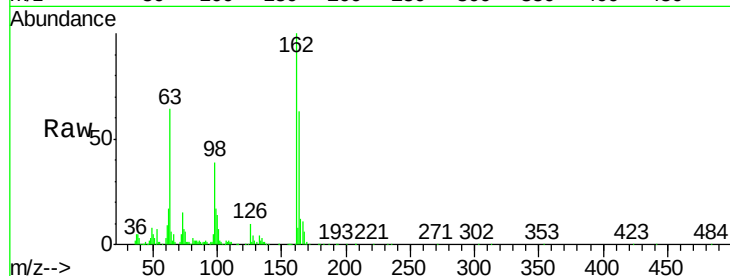




#27
2,4-Dichlorophenol
Concen: 20.65 ng/ul
RT: 10.59 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

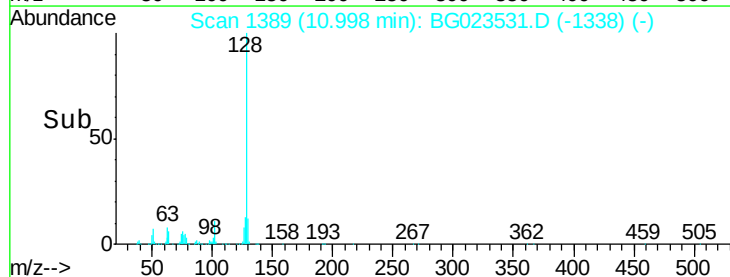
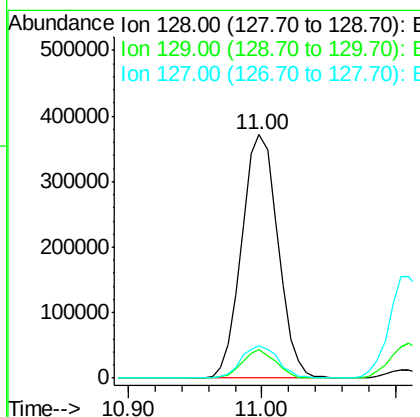
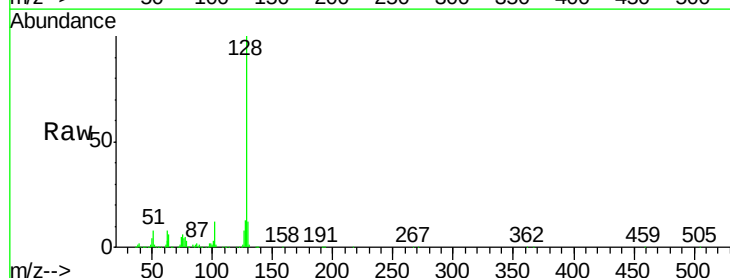
Instrument :
BNA_G
ClientSampleId :
SSTD02015

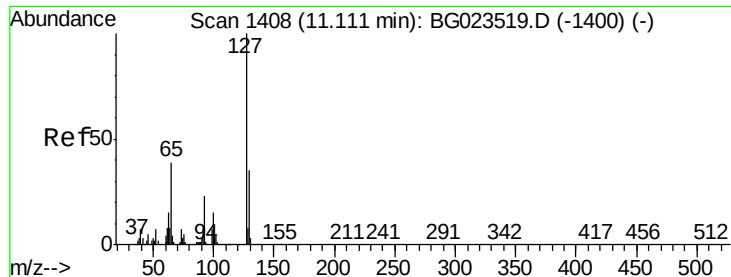
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	51.6	77.4
98	39.0	28.3	42.5



#28
Naphthalene
Concen: 21.09 ng/ul
RT: 11.00 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	13.4	11.2	16.8

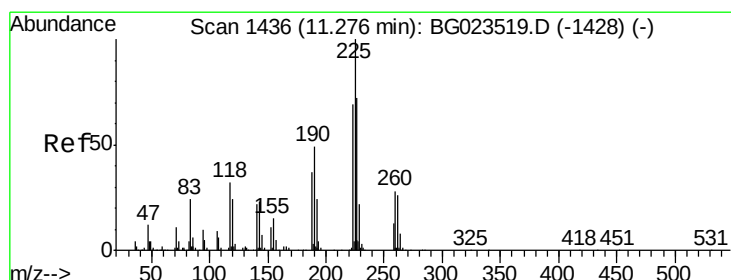
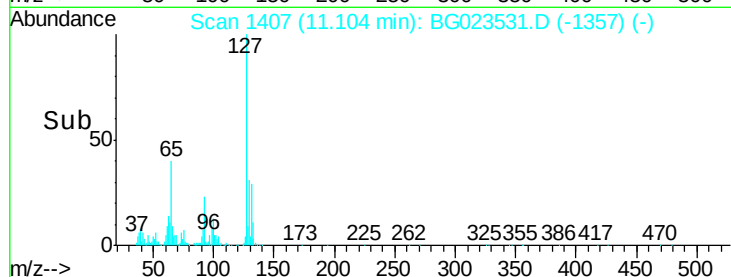
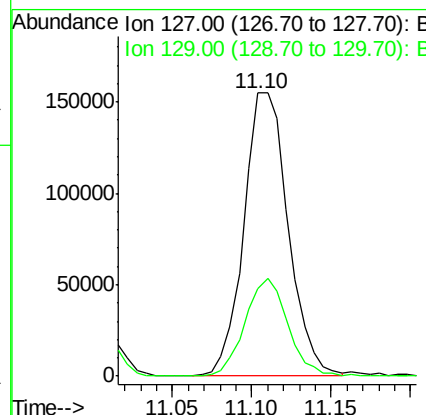
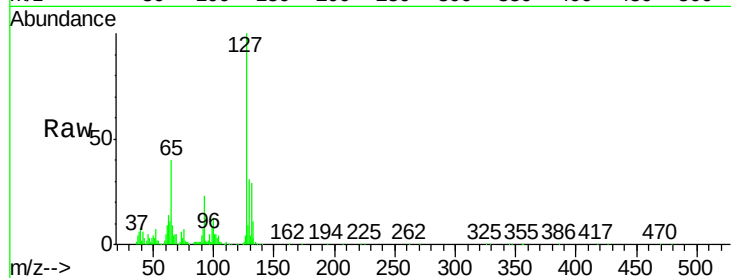




#30
4-Chloroaniline
Concen: 23.18 ng/ul
RT: 11.10 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

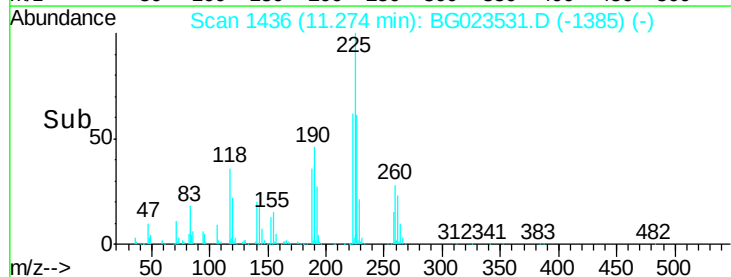
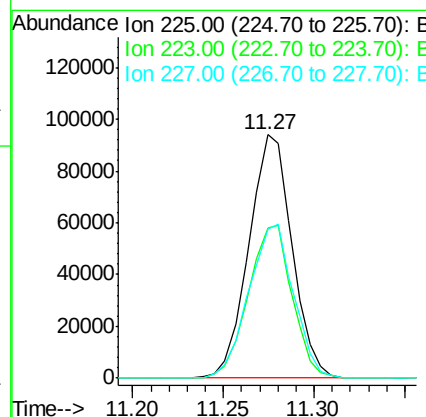
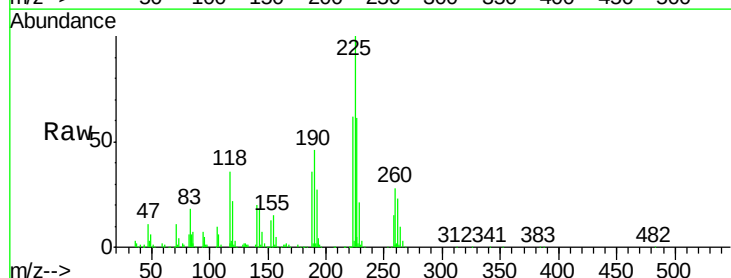
Instrument :
BNA_G
ClientSampleId :
SSTD02015

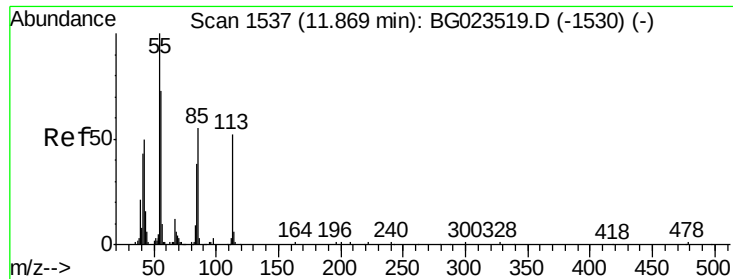
Tgt Ion:127 Resp: 299436
Ion Ratio Lower Upper
127 100
129 31.1 26.9 40.3



#31
Hexachlorobutadiene
Concen: 20.81 ng/ul
RT: 11.27 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion:225 Resp: 155049
Ion Ratio Lower Upper
225 100
223 61.8 54.7 82.1
227 61.2 52.2 78.4





#32

Caprolactam

Concen: 19.15 ng/ul

RT: 11.87 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SSTD02015

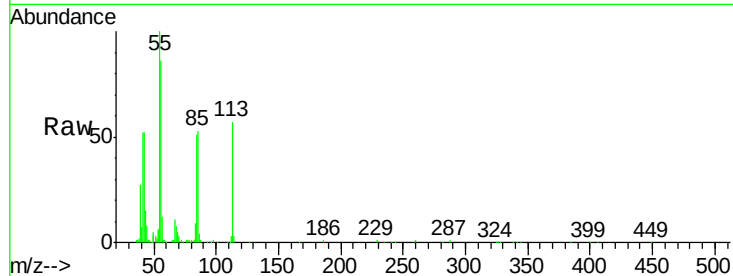
Tgt Ion:113 Resp: 88960

Ion Ratio Lower Upper

113 100

55 176.3 99.6 149.4#

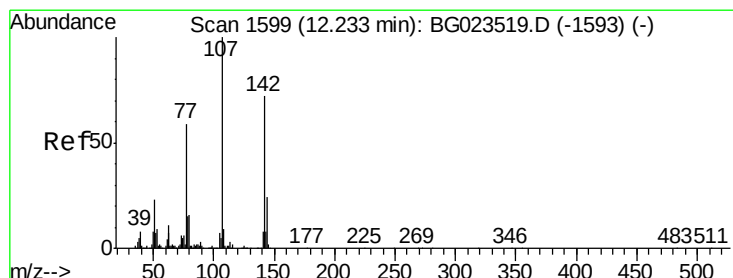
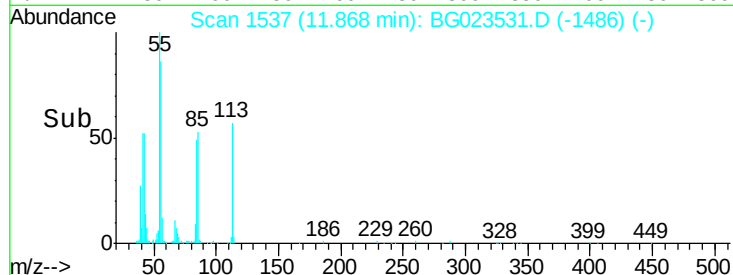
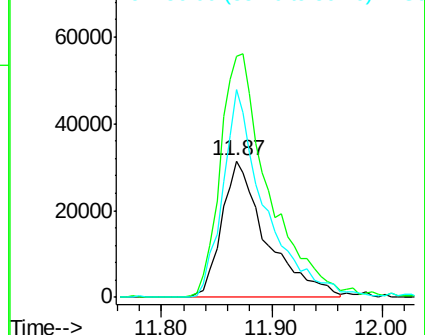
56 152.2 66.4 99.6#



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: 19.86 ng/ul

RT: 12.23 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

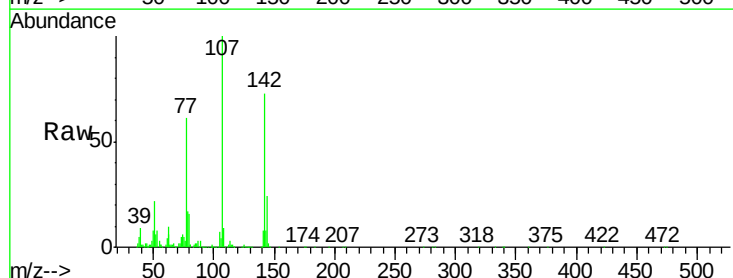
Tgt Ion:107 Resp: 285885

Ion Ratio Lower Upper

107 100

144 23.9 22.7 34.1

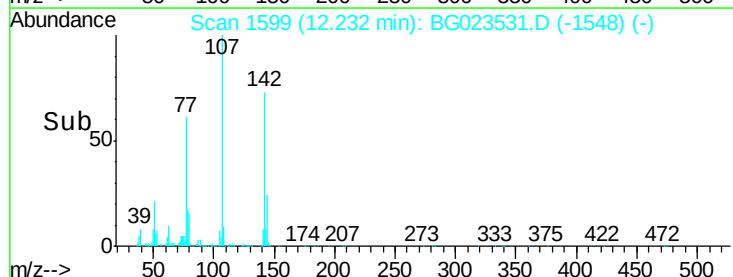
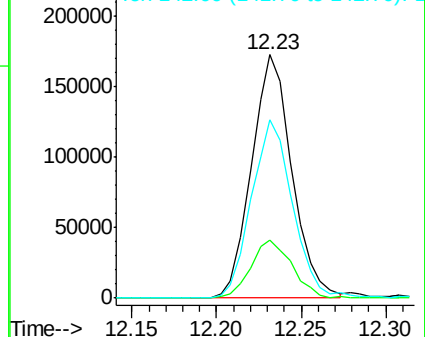
142 73.3 71.6 107.4

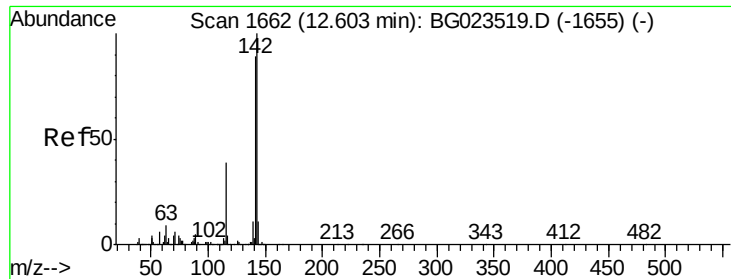


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

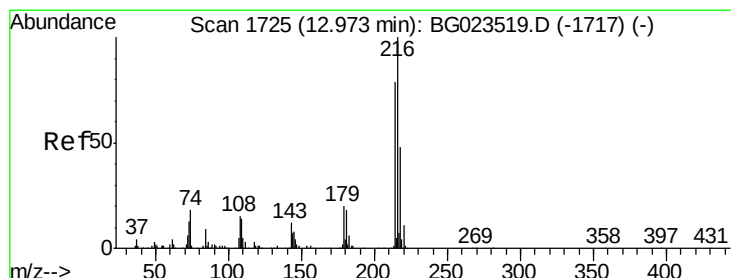
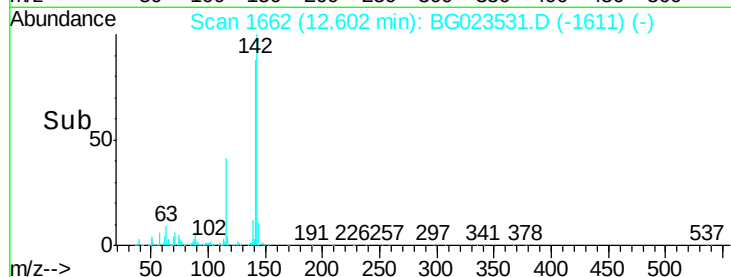
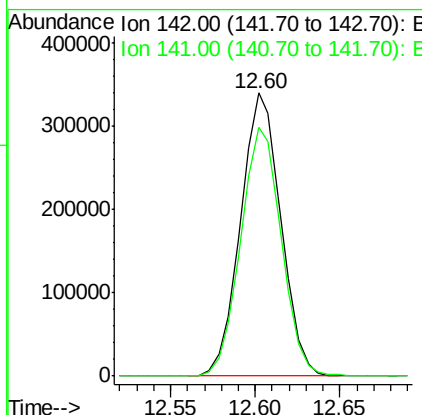
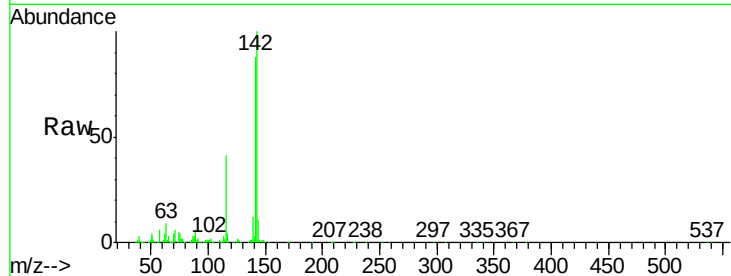




#34
 2-Methylnaphthalene
 Concen: 21.00 ng/ul
 RT: 12.60 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

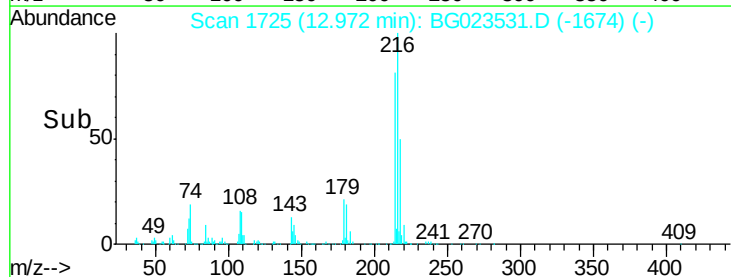
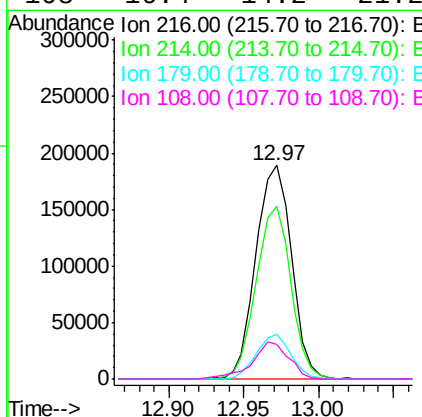
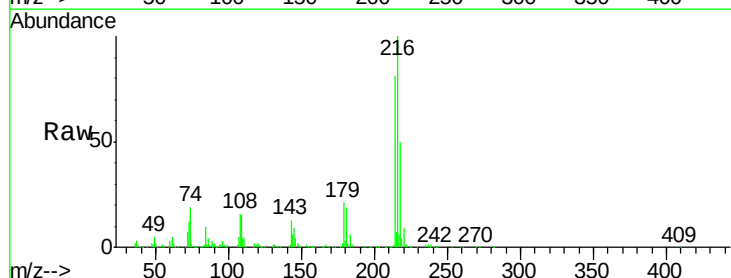
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02015

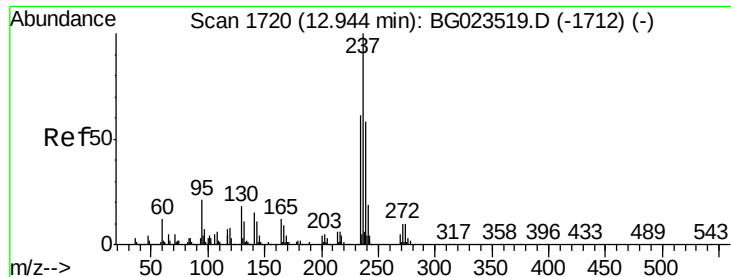
Tgt Ion:142 Resp: 561656
 Ion Ratio Lower Upper
 142 100
 141 87.8 75.2 112.8



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.69 ng/ul
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Tgt Ion:216 Resp: 313377
 Ion Ratio Lower Upper
 216 100
 214 80.9 61.7 92.5
 179 21.2 17.0 25.4
 108 16.4 14.2 21.2

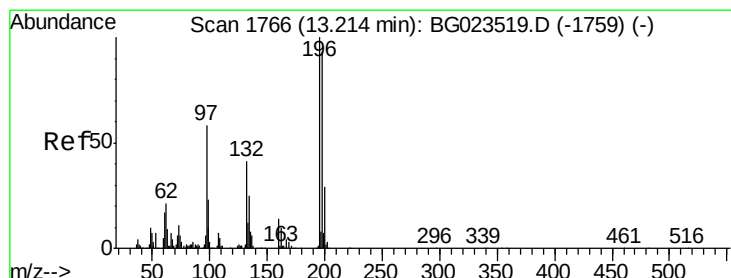
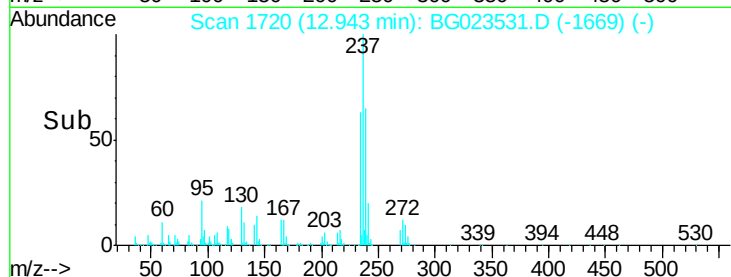
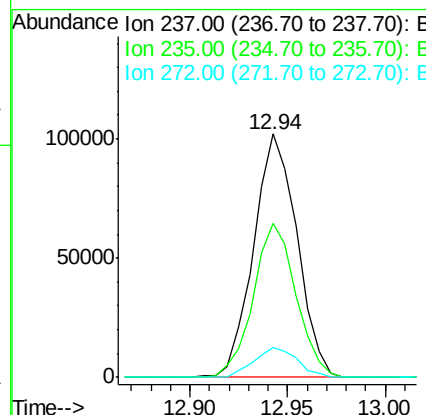
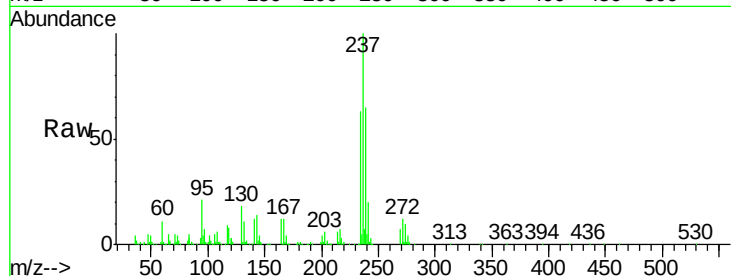




#37
Hexachlorocyclopentadiene
Concen: 19.67 ng/ul
RT: 12.94 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

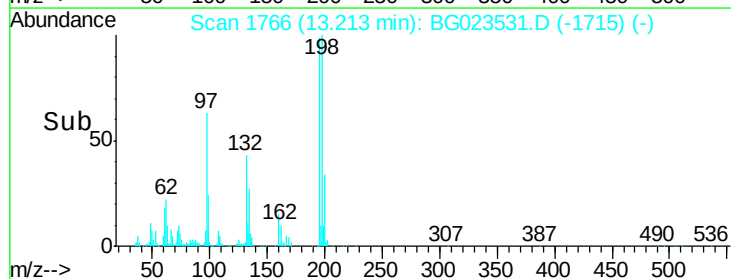
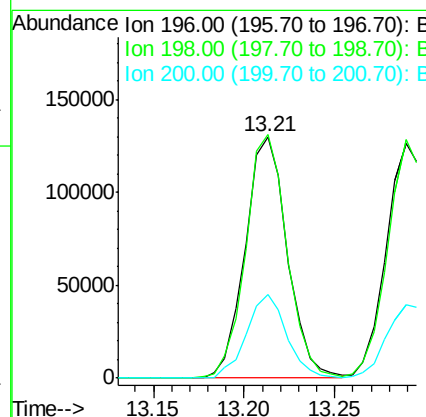
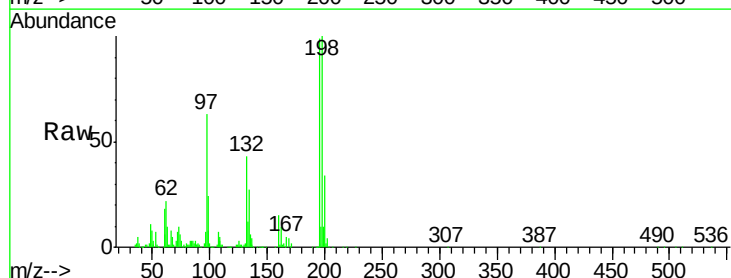
Instrument :
BNA_G
ClientSampleId :
SSTD02015

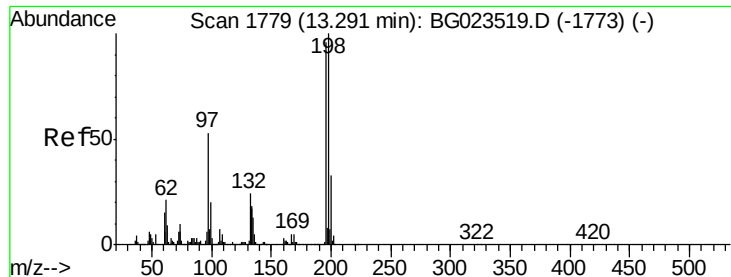
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.1	49.6	74.4
272	12.2	9.3	13.9



#38
2,4,6-Trichlorophenol
Concen: 20.95 ng/ul
RT: 13.21 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.8	77.4	116.0
200	34.4	26.6	39.8

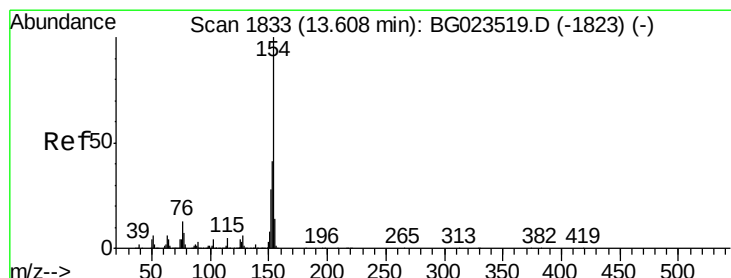
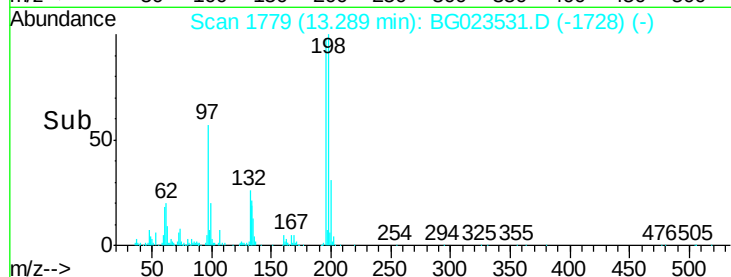
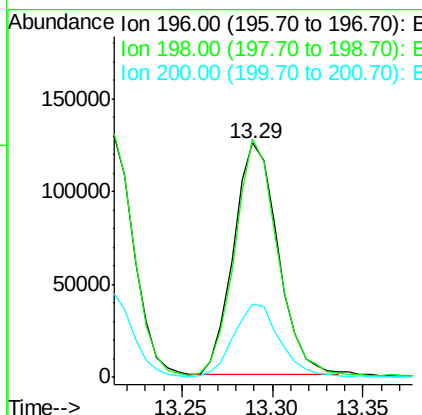
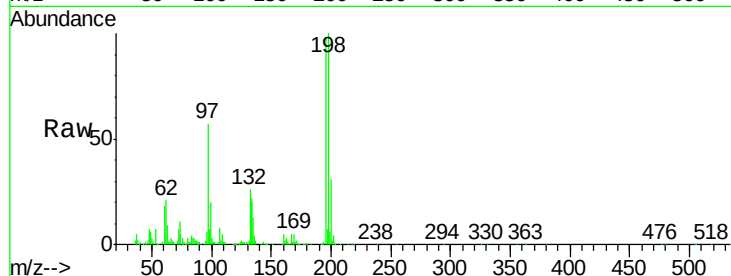




#39
 2,4,5-Trichlorophenol
 Concen: 19.94 ng/ul
 RT: 13.29 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

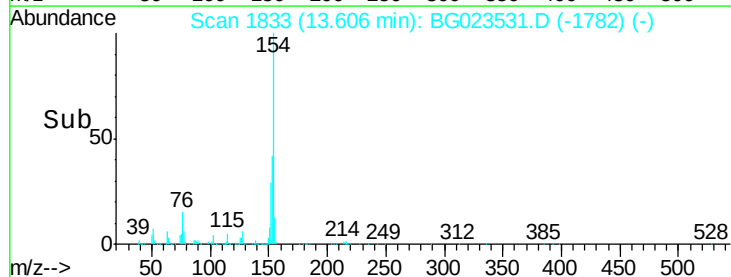
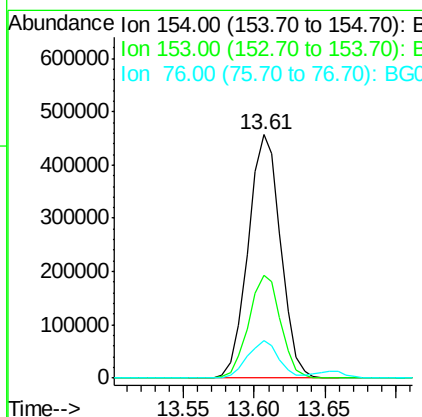
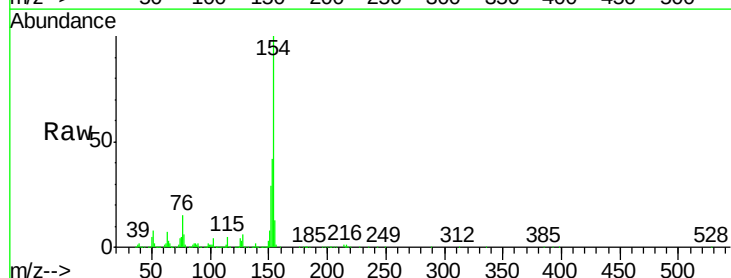
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02015

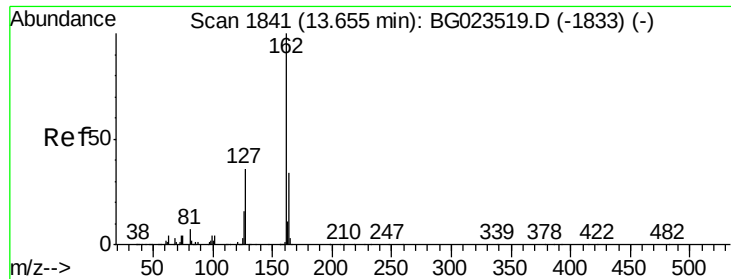
Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	79.8	119.8
200	31.5	24.0	36.0



#40
 1,1'-Biphenyl
 Concen: 21.31 ng/ul
 RT: 13.61 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	34.6	52.0
76	15.2	11.9	17.9

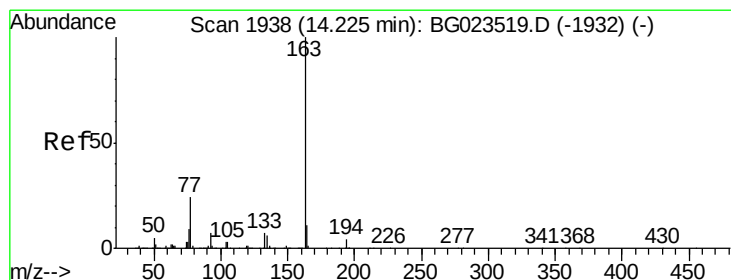
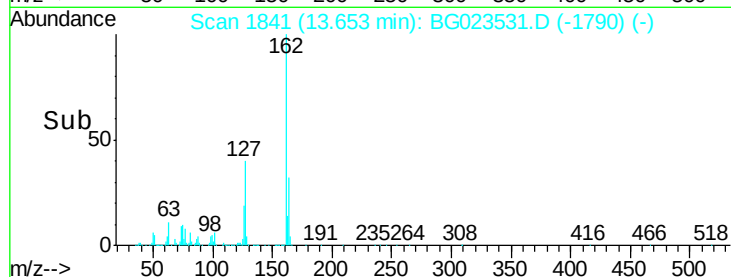
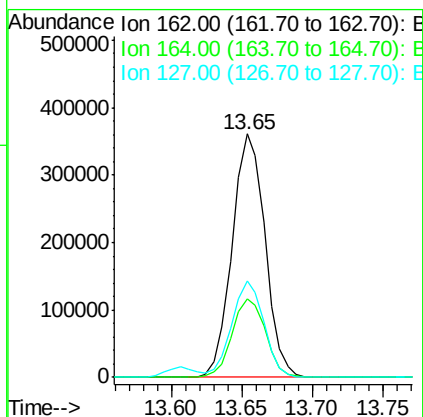
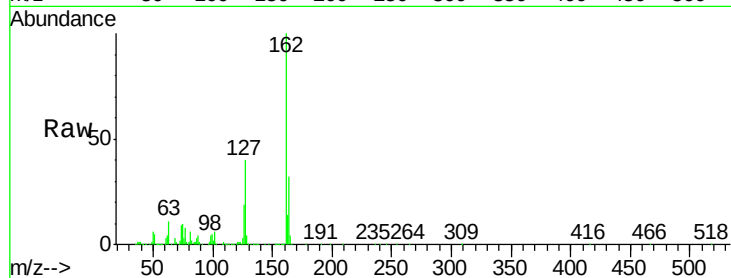




#41
 2-Chloronaphthalene
 Concen: 21.82 ng/ul
 RT: 13.65 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

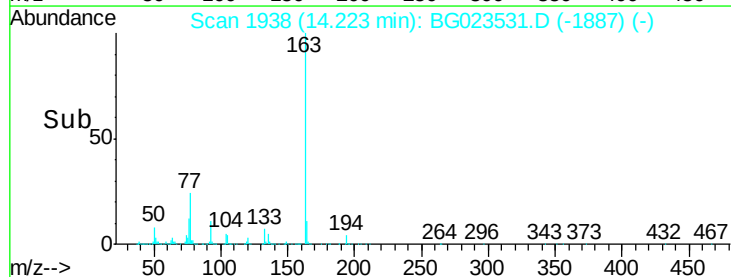
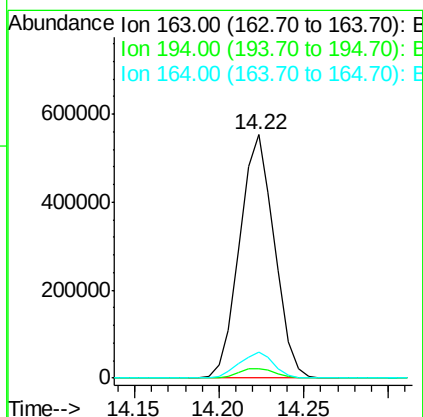
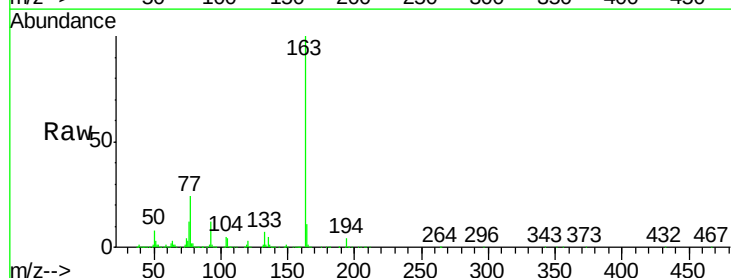
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02015

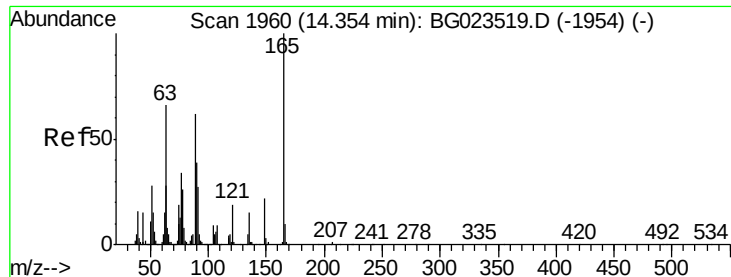
Tgt Ion:162 Resp: 586722
 Ion Ratio Lower Upper
 162 100
 164 32.4 25.4 38.2
 127 39.7 30.2 45.4



#44
 Dimethylphthalate
 Concen: 20.73 ng/ul
 RT: 14.22 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Tgt Ion:163 Resp: 790977
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.4 5.2
 164 10.7 8.8 13.2





#45

2,6-Dinitrotoluene

Concen: 20.90 ng/ul

RT: 14.35 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SSTD02015

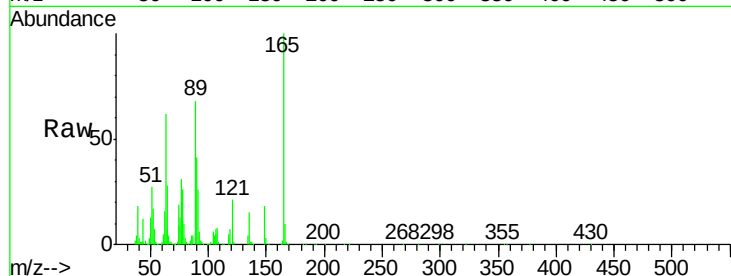
Tgt Ion:165 Resp: 172850

Ion Ratio Lower Upper

165 100

89 67.6 41.5 62.3#

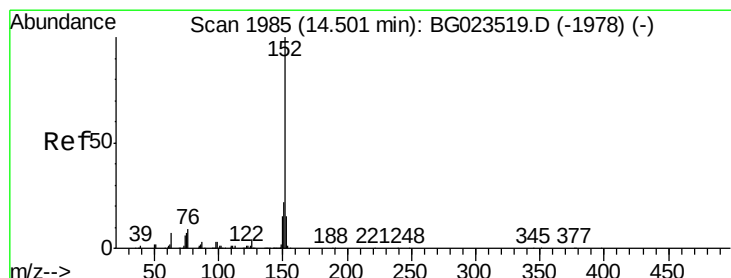
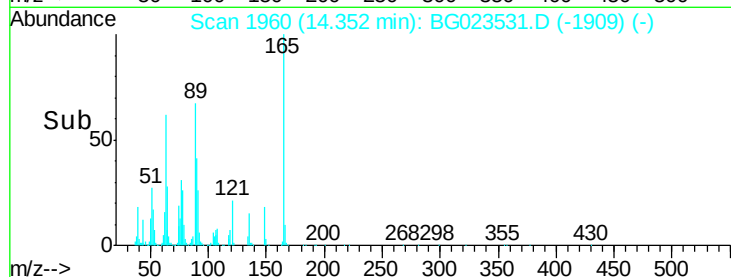
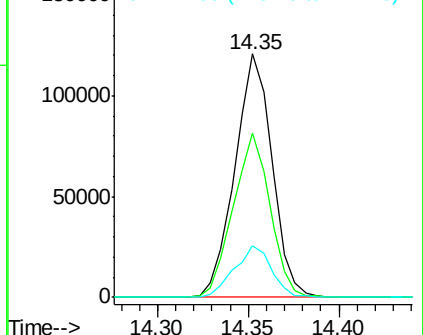
121 21.4 17.0 25.4



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: 21.46 ng/ul

RT: 14.51 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

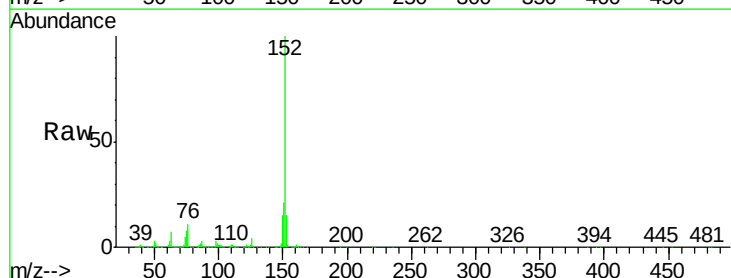
Tgt Ion:152 Resp: 973388

Ion Ratio Lower Upper

152 100

151 21.4 17.5 26.3

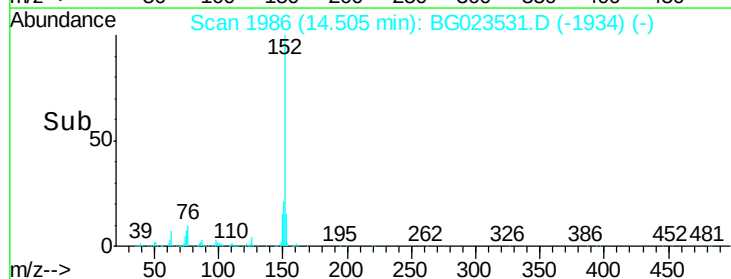
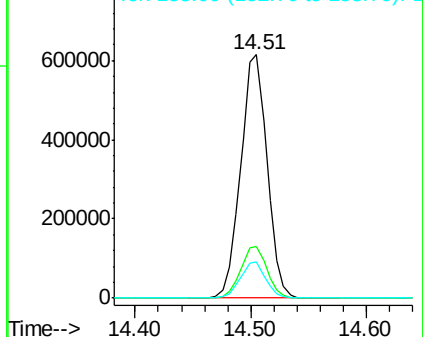
153 15.1 11.1 16.7

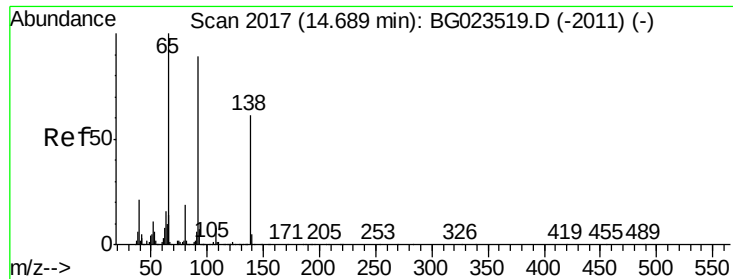


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#48

3-Nitroaniline

Concen: 22.27 ng/ul

RT: 14.69 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SSTD02015

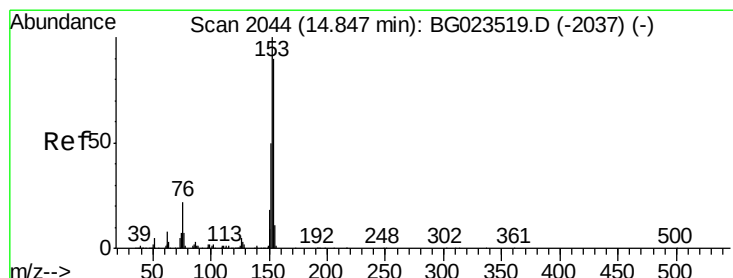
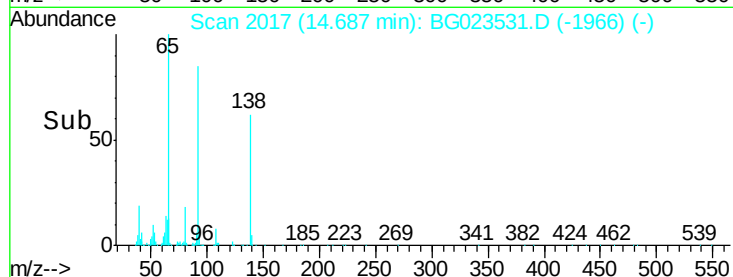
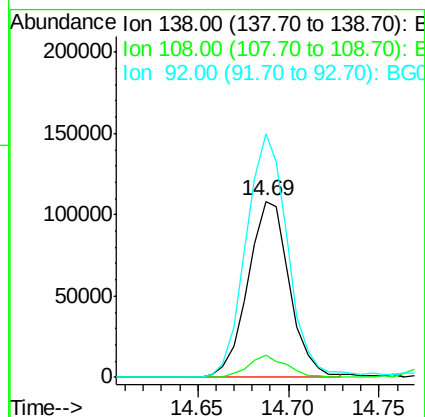
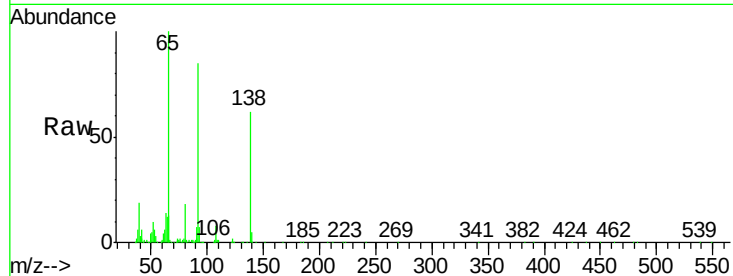
Tgt Ion:138 Resp: 173177

Ion Ratio Lower Upper

138 100

108 12.3 6.2 9.2#

92 138.2 79.3 118.9#



#49

Acenaphthene

Concen: 21.03 ng/ul

RT: 14.85 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

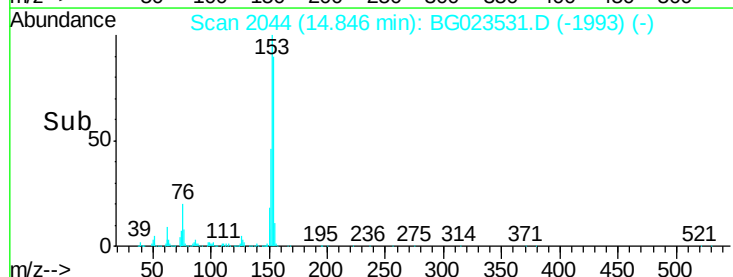
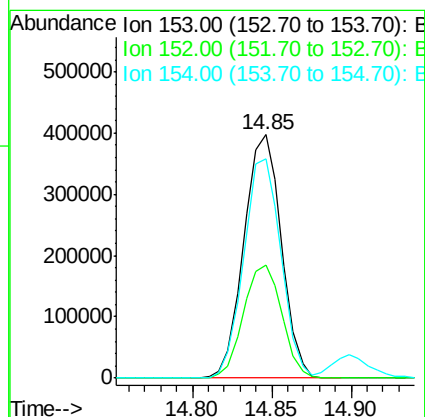
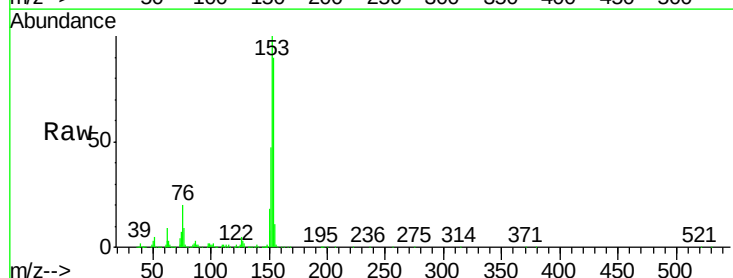
Tgt Ion:153 Resp: 649941

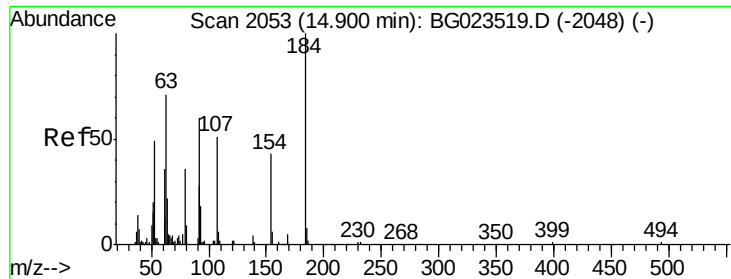
Ion Ratio Lower Upper

153 100

152 46.6 37.3 55.9

154 90.0 68.2 102.2

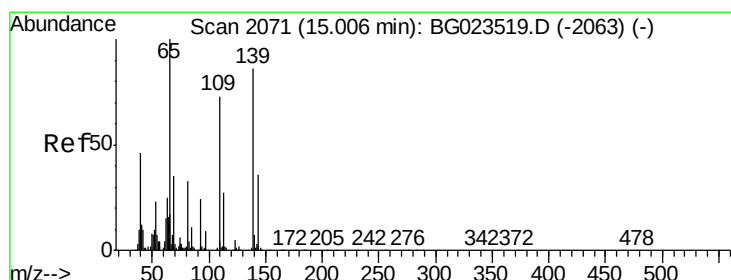
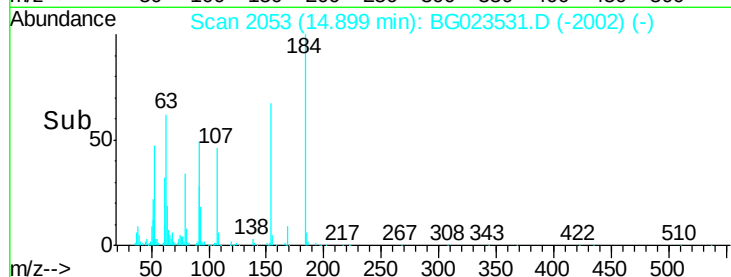
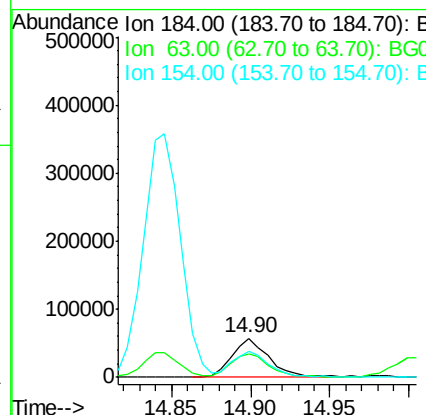
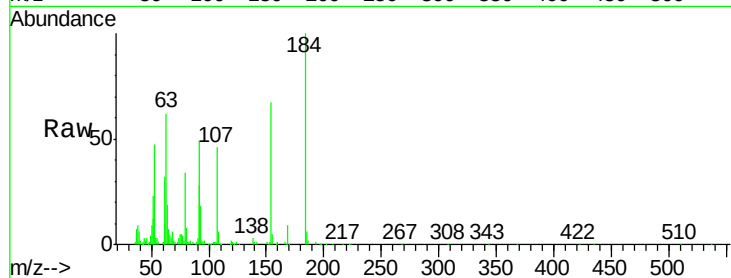




#50
2,4-Dinitrophenol
Concen: 18.21 ng/ul
RT: 14.90 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

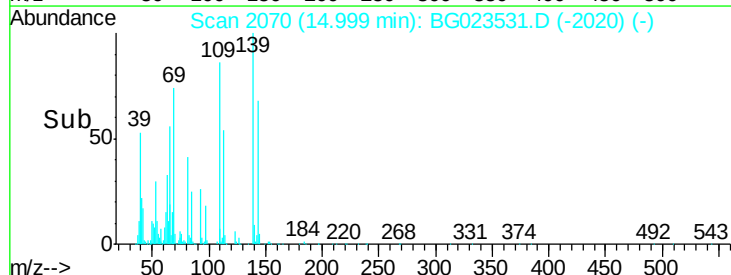
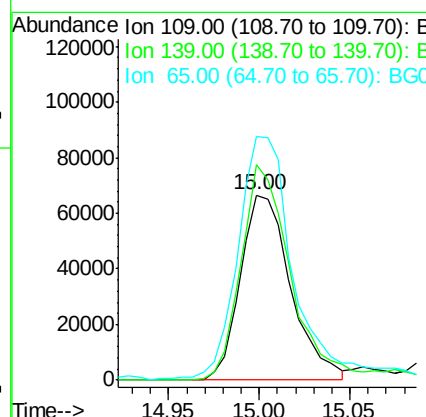
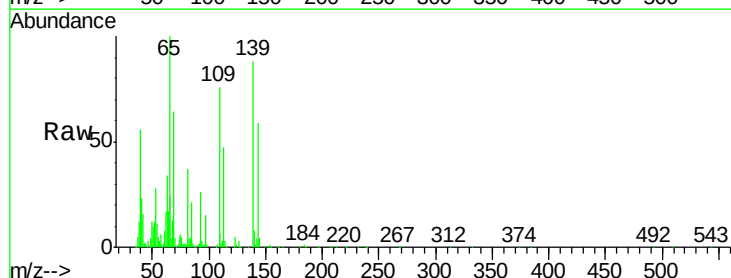
Instrument :
BNA_G
ClientSampleId :
SSTD02015

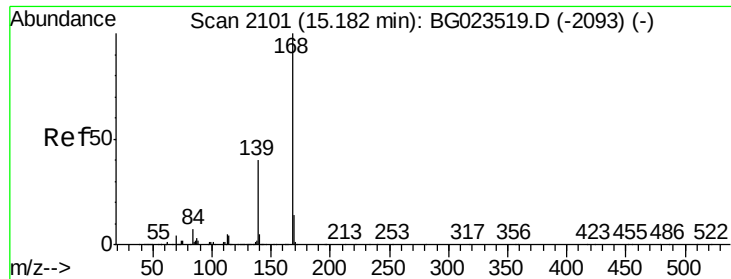
Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.6	40.5	60.7#
154	66.6	48.5	72.7



#52
4-Nitrophenol
Concen: 19.62 ng/ul
RT: 15.00 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Lower	Upper
109	100		
139	116.6	136.1	204.1#
65	131.8	106.0	159.0





#53

Dibenzenofuran

Concen: 21.13 ng/ul

RT: 15.18 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

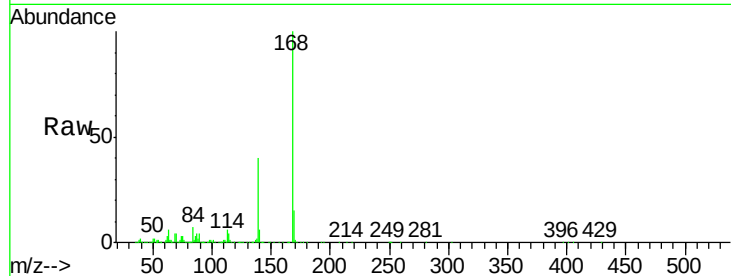
SSTD02015

Tgt Ion:168 Resp: 967627

Ion Ratio Lower Upper

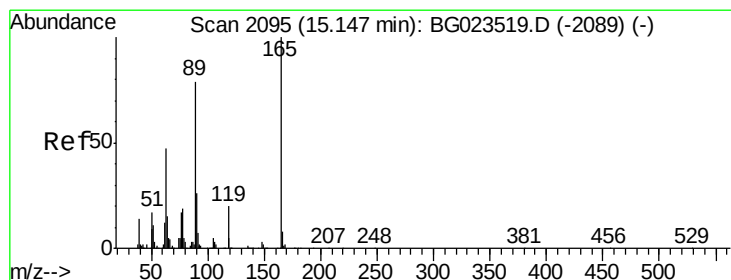
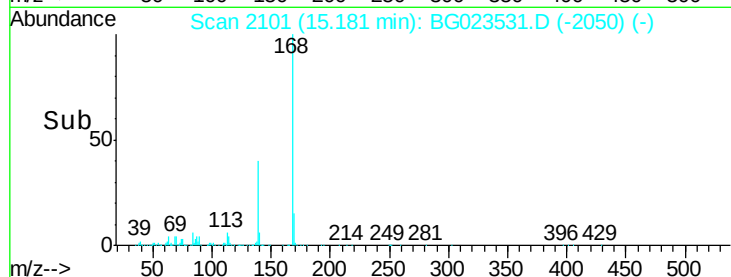
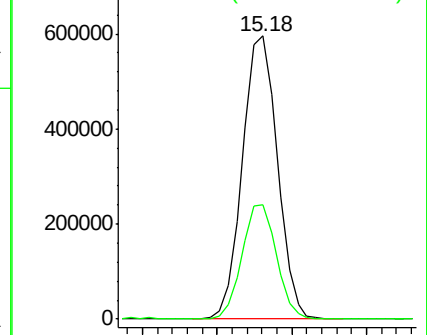
168 100

139 40.2 27.4 41.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 20.74 ng/ul

RT: 15.15 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

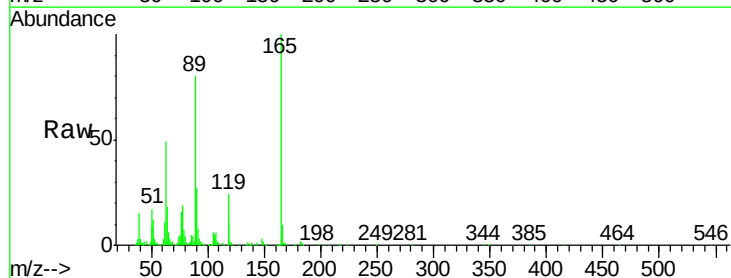
Tgt Ion:165 Resp: 259997

Ion Ratio Lower Upper

165 100

63 48.7 25.7 38.5#

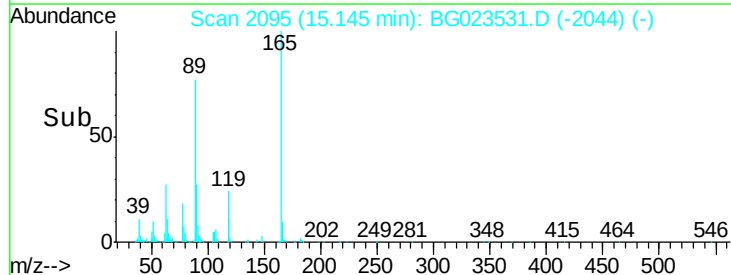
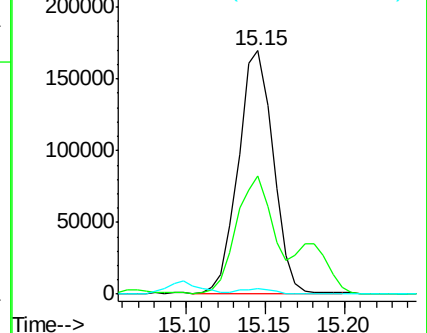
182 2.5 2.1 3.1

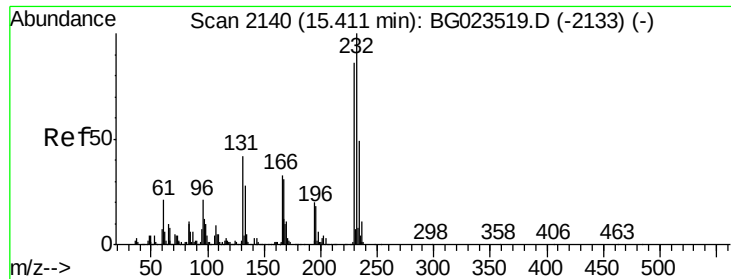


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E

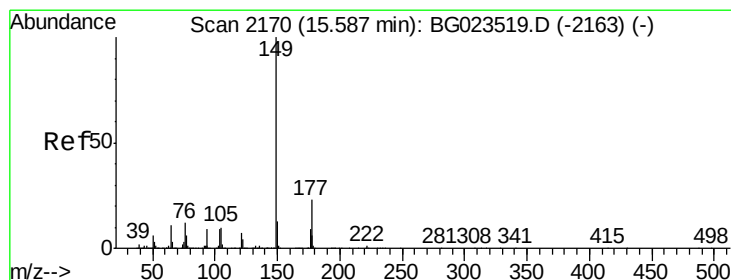
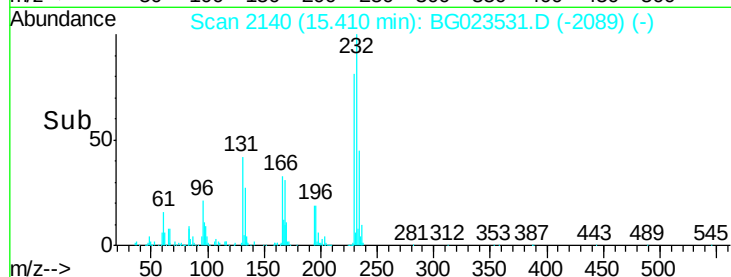
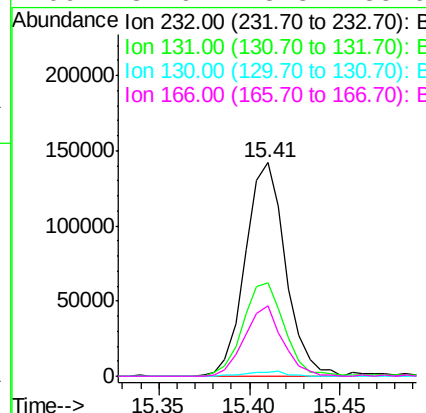
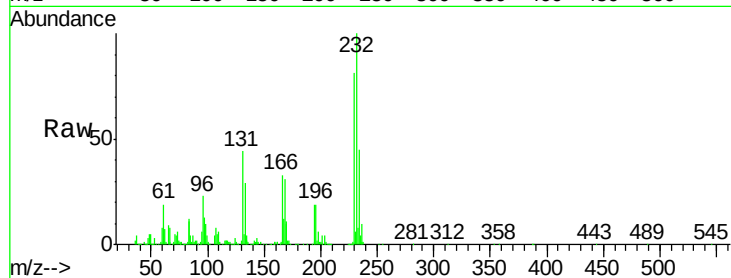




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.93 ng/ul
 RT: 15.41 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

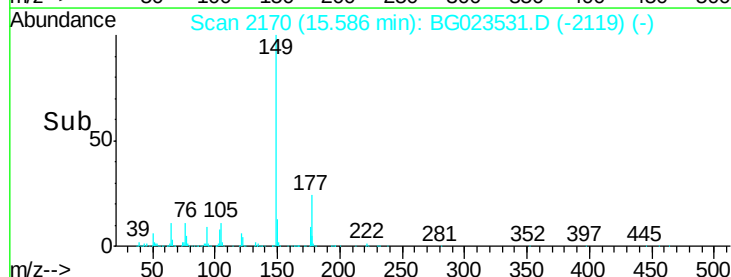
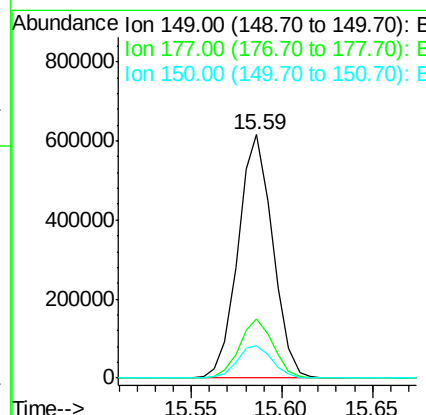
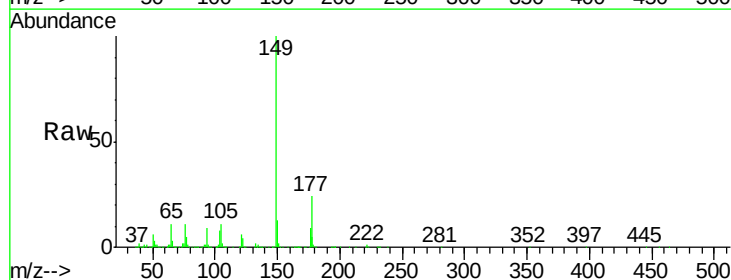
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02015

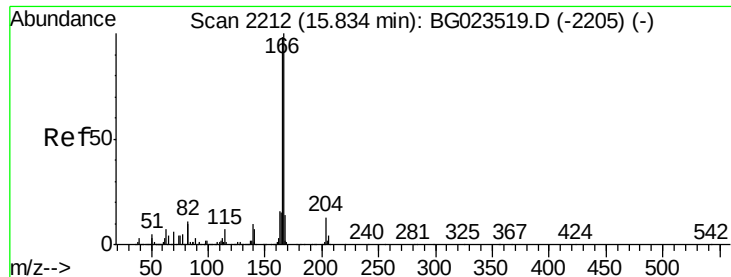
Tgt Ion:	232	Resp:	219648
Ion	Ratio	Lower	Upper
232	100		
131	43.8	34.8	52.2
130	2.0	2.2	3.2#
166	32.9	23.8	35.6



#56
 Diethylphthalate
 Concen: 20.50 ng/ul
 RT: 15.59 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Tgt Ion:	149	Resp:	817543
Ion	Ratio	Lower	Upper
149	100		
177	24.1	17.4	26.2
150	13.1	9.6	14.4





#58

Fluorene

Concen: 20.37 ng/ul

RT: 15.83 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SSTD02015

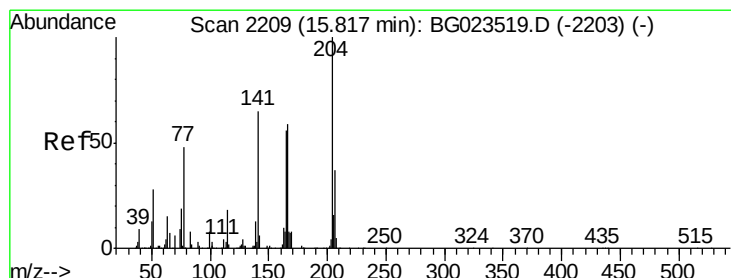
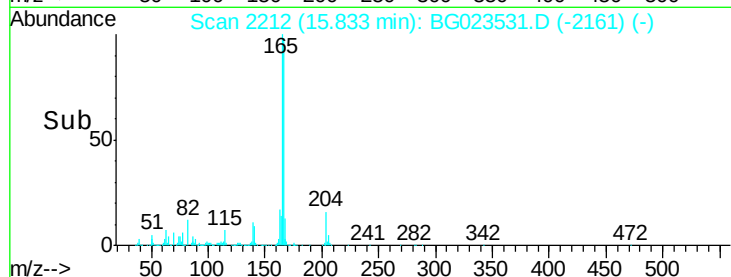
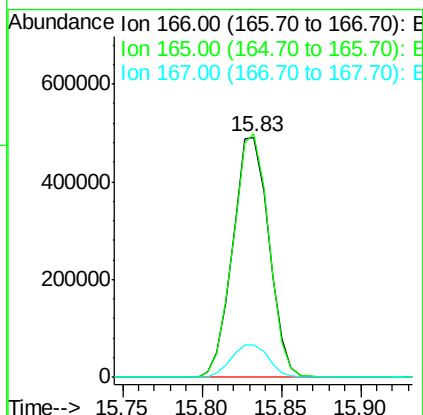
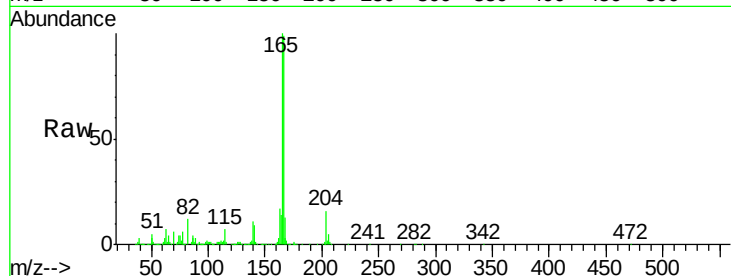
Tgt Ion:166 Resp: 777135

Ion Ratio Lower Upper

166 100

165 101.5 80.3 120.5

167 13.7 10.3 15.5



#59

4-Chlorophenyl-phenylether

Concen: 20.91 ng/ul

RT: 15.82 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

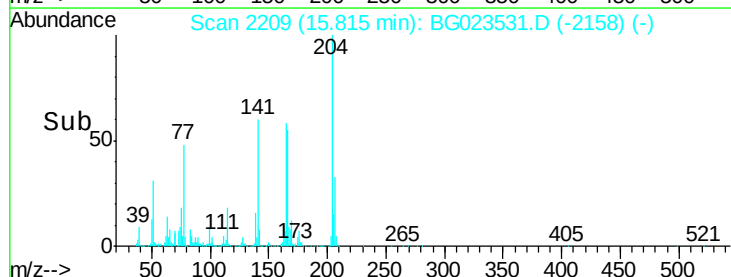
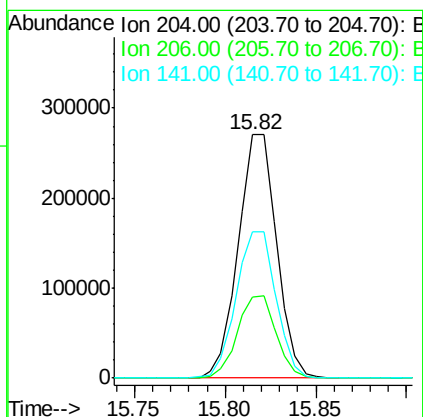
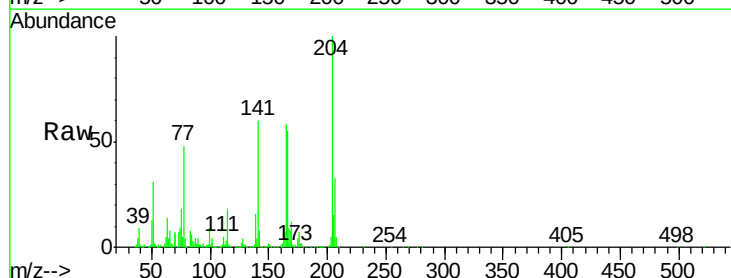
Tgt Ion:204 Resp: 401224

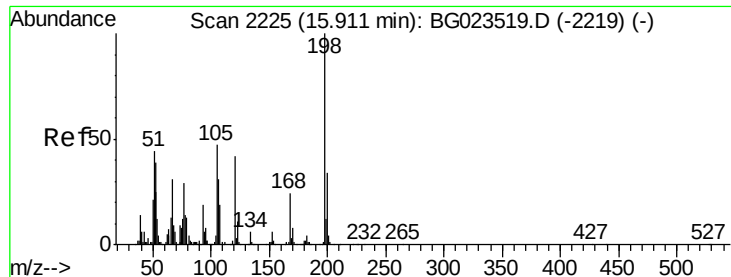
Ion Ratio Lower Upper

204 100

206 33.0 27.4 41.2

141 60.0 47.1 70.7

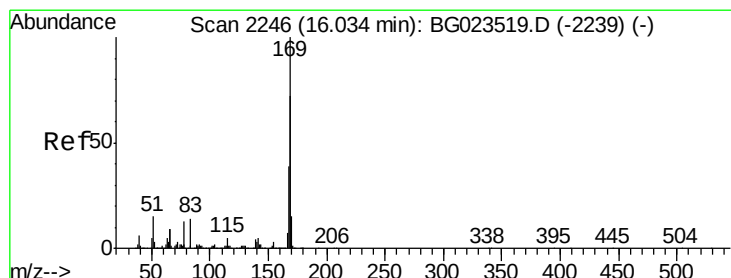
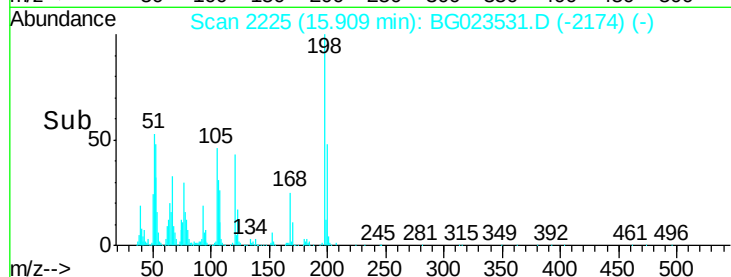
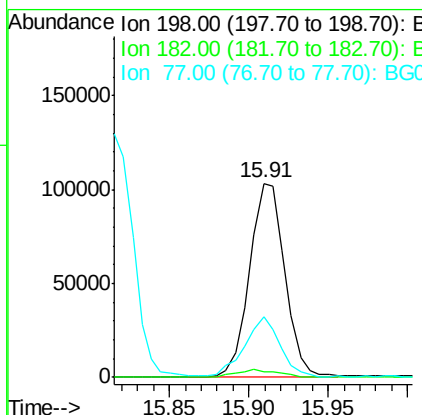
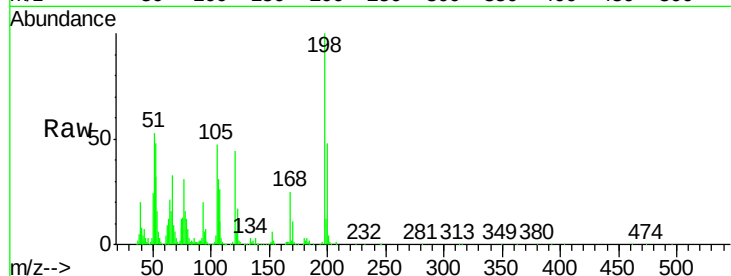




#63
 4,6-Dinitro-2-methylphenol
 Concen: 20.51 ng/ul
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

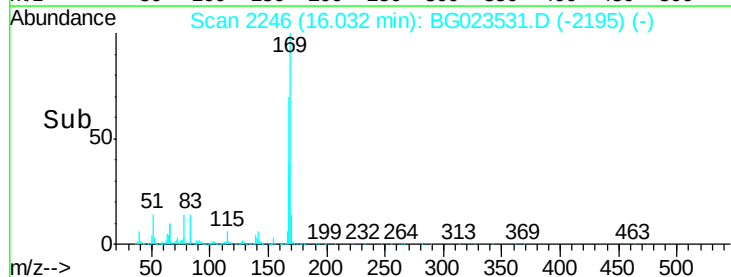
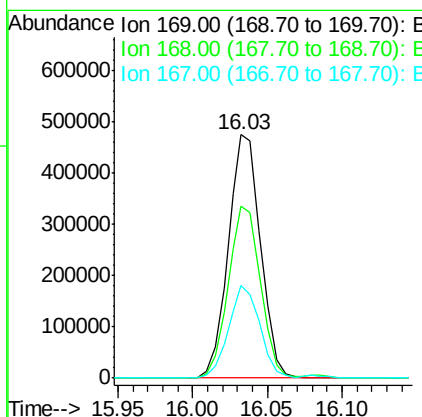
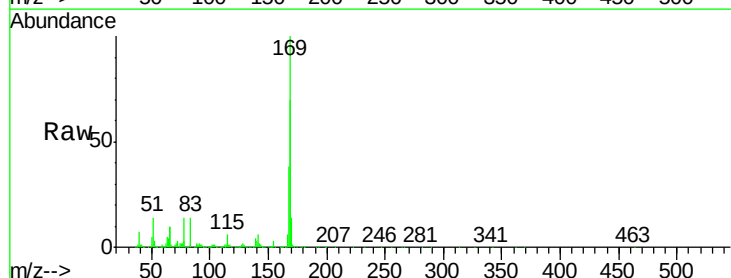
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02015

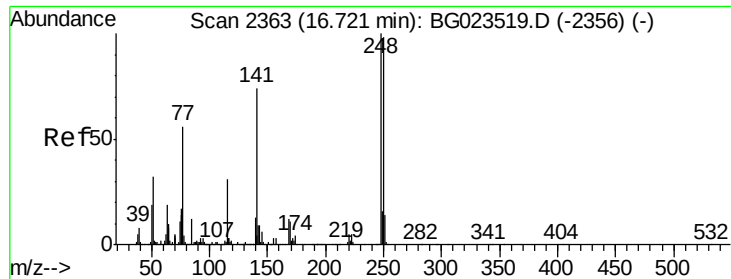
Tgt Ion:198 Resp: 160407
 Ion Ratio Lower Upper
 198 100
 182 3.0 4.2 6.2#
 77 31.4 16.7 25.1#



#64
 N-Nitrosodiphenylamine
 Concen: 22.10 ng/ul
 RT: 16.03 min Scan# 2246
 Delta R.T. -0.00 min
 Lab File: BG023531.D
 Acq: 8 Aug 2016 10:27

Tgt Ion:169 Resp: 717401
 Ion Ratio Lower Upper
 169 100
 168 70.5 59.0 88.6
 167 38.2 30.6 46.0

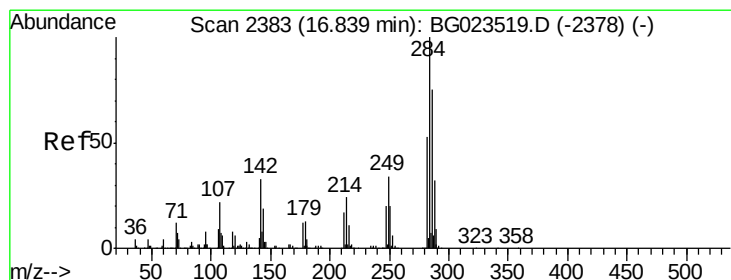
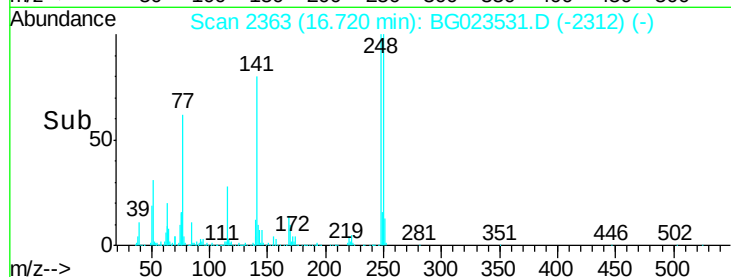
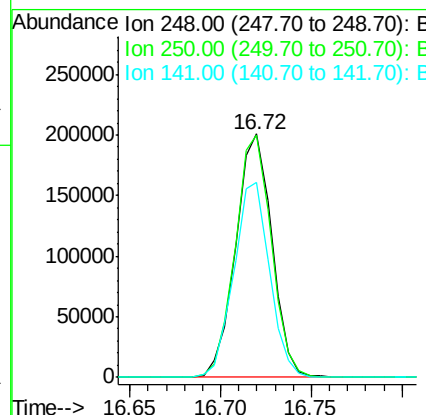
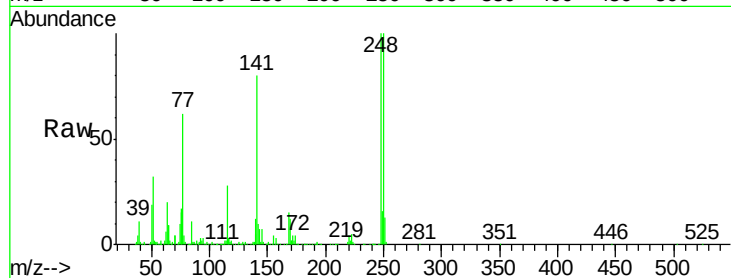




#65
4-Bromophenyl-phenylether
Concen: 20.93 ng/ul
RT: 16.72 min Scan# 2363
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

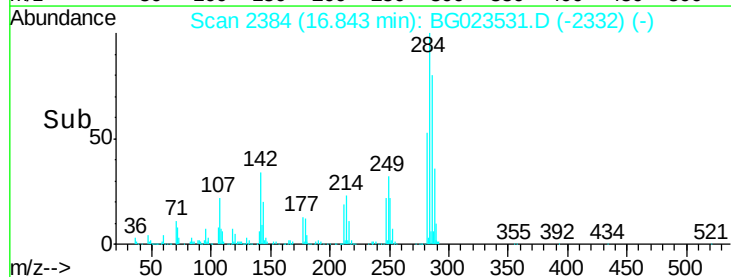
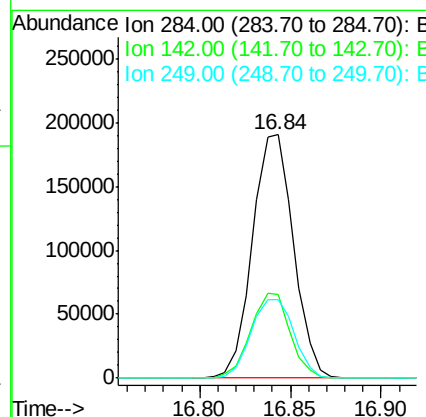
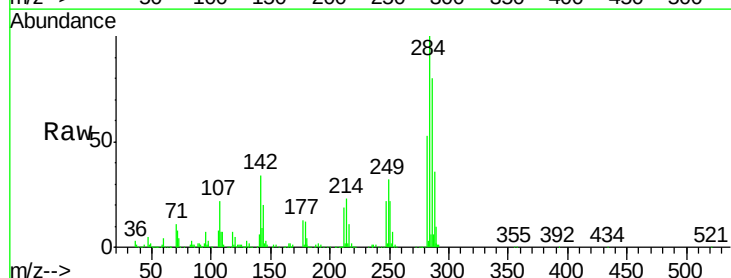
Instrument :
BNA_G
ClientSampleId :
SSTD02015

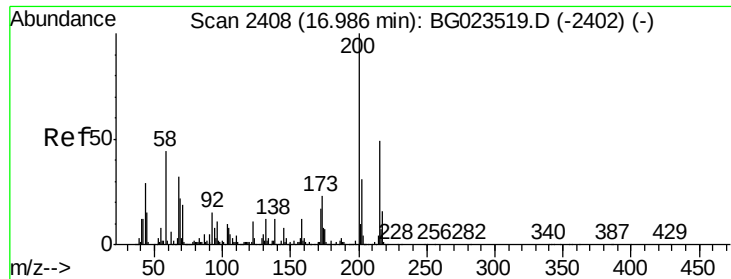
Tgt Ion:248 Resp: 278772
Ion Ratio Lower Upper
248 100
250 99.8 76.6 114.8
141 80.2 61.8 92.6



#66
Hexachlorobenzene
Concen: 21.25 ng/ul
RT: 16.84 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion:284 Resp: 301550
Ion Ratio Lower Upper
284 100
142 34.3 27.8 41.8
249 32.2 24.4 36.6

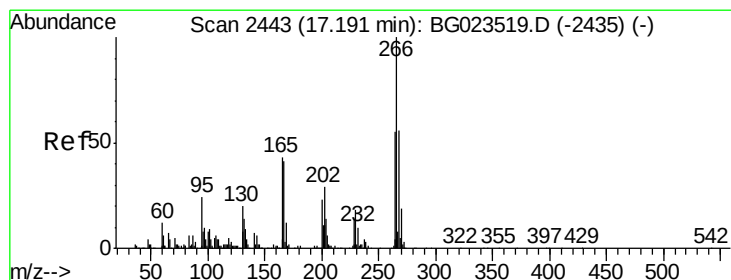
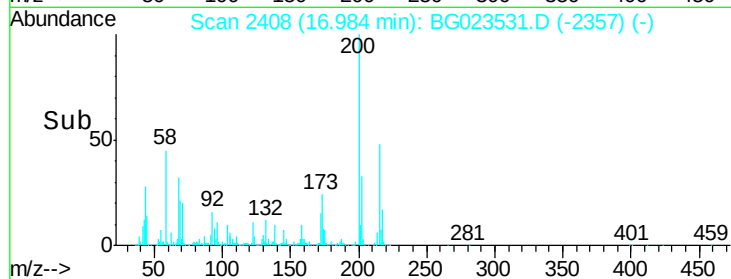
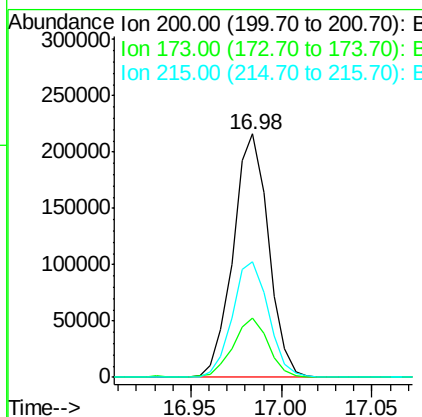
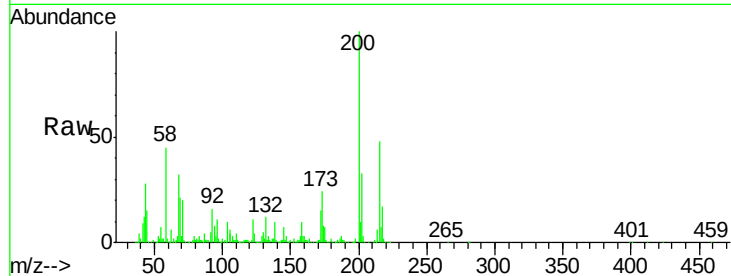




#67
Atrazine
Concen: 21.88 ng/ul
RT: 16.98 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

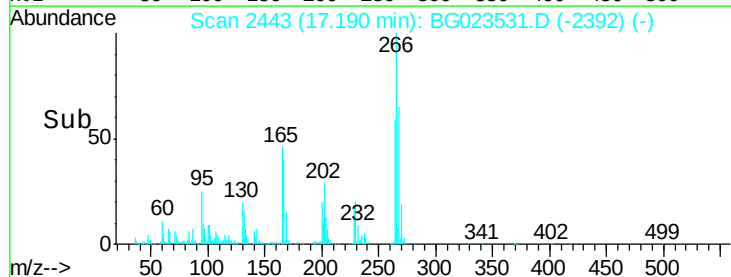
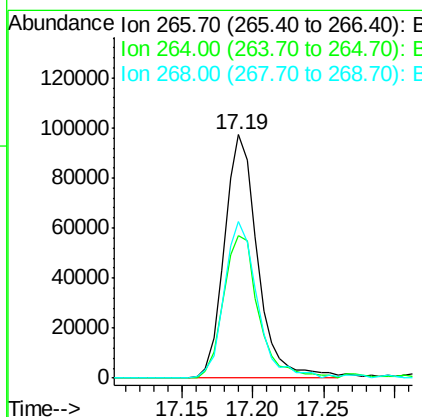
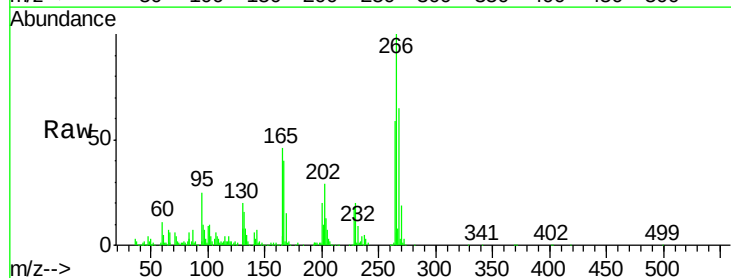
Instrument :
BNA_G
ClientSampleId :
SSTD02015

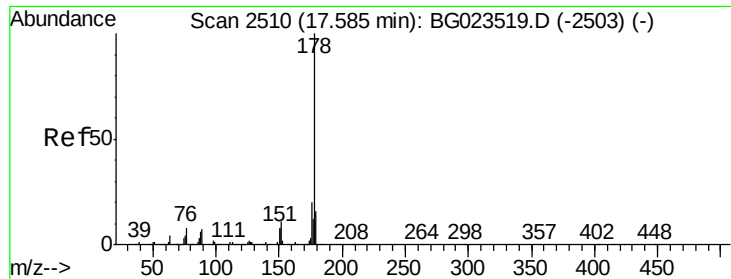
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.2	21.0	31.6
215	47.6	37.9	56.9



#68
Pentachlorophenol
Concen: 20.41 ng/ul
RT: 17.19 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Lower	Upper
266	100		
264	58.7	54.7	82.1
268	64.5	57.8	86.8





#69

Phenanthrene

Concen: 21.57 ng/ul

RT: 17.58 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SSTD02015

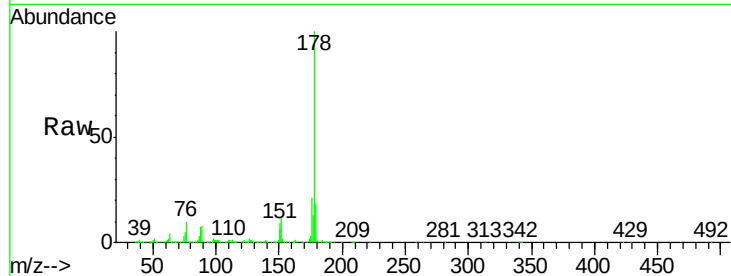
Tgt Ion:178 Resp: 1297592

Ion Ratio Lower Upper

178 100

179 17.9 12.9 19.3

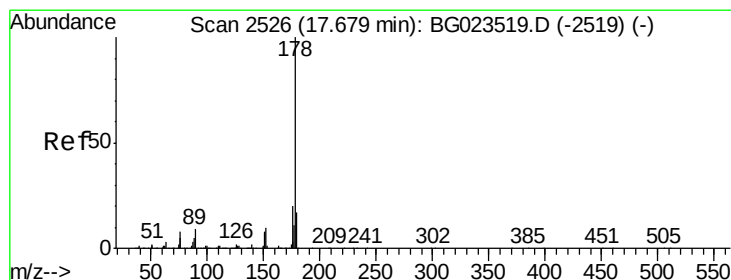
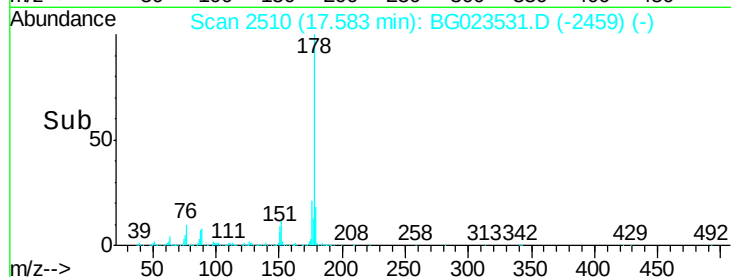
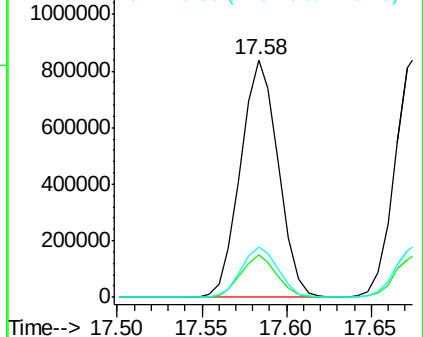
176 21.3 15.8 23.8



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: 21.88 ng/ul

RT: 17.68 min Scan# 2526

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

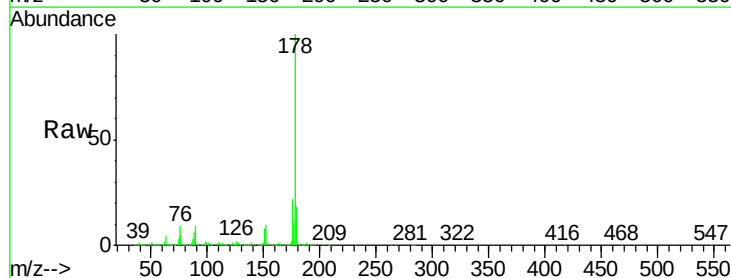
Tgt Ion:178 Resp: 1342631

Ion Ratio Lower Upper

178 100

179 18.2 12.3 18.5

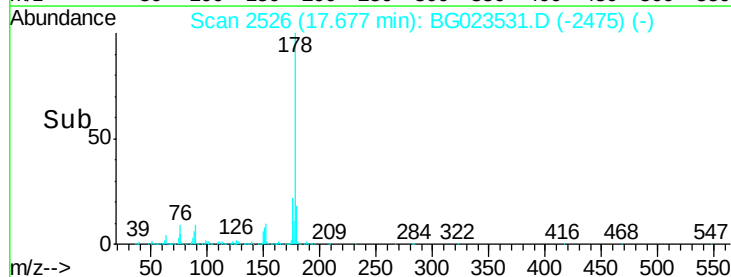
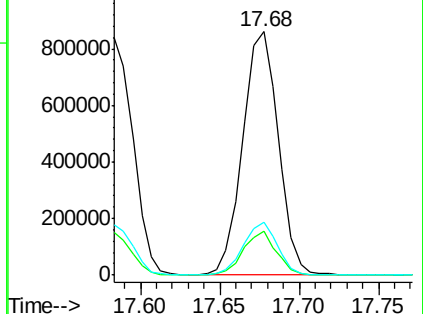
176 21.7 16.3 24.5

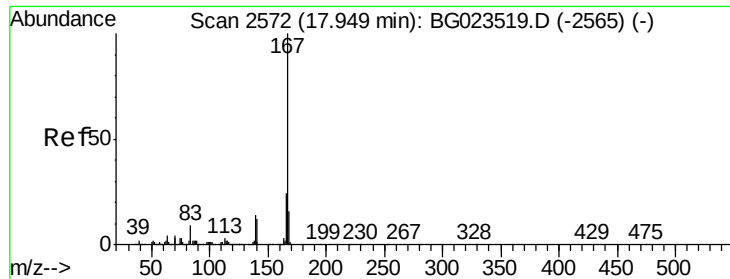


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 23.38 ng/ul

RT: 17.95 min Scan# 2572

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SSTD02015

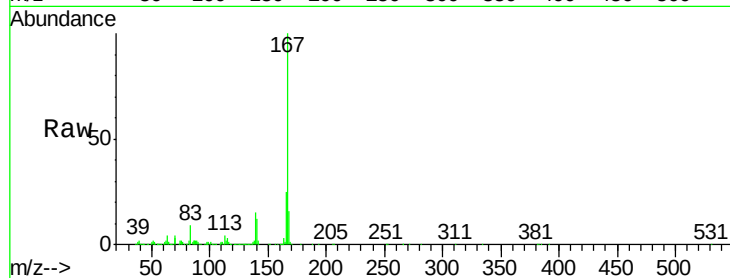
Tgt Ion:167 Resp: 1156377

Ion Ratio Lower Upper

167 100

166 24.6 19.2 28.8

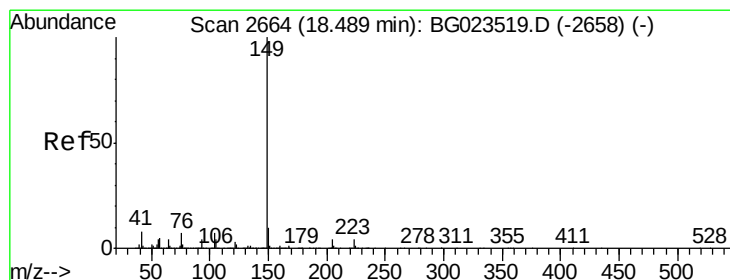
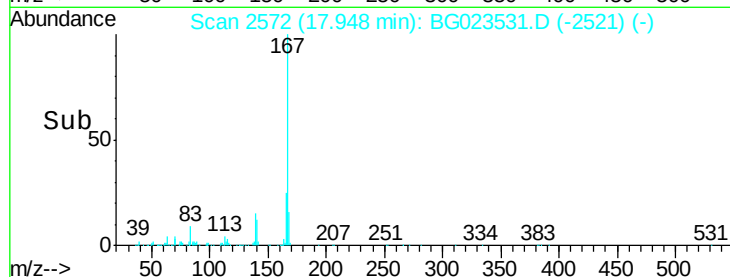
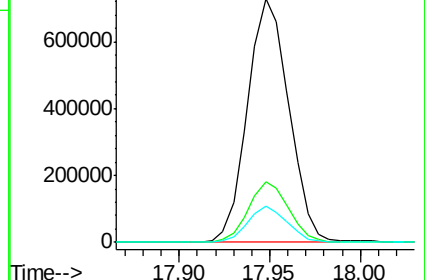
139 15.0 10.2 15.4



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: 22.32 ng/ul

RT: 18.49 min Scan# 2664

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

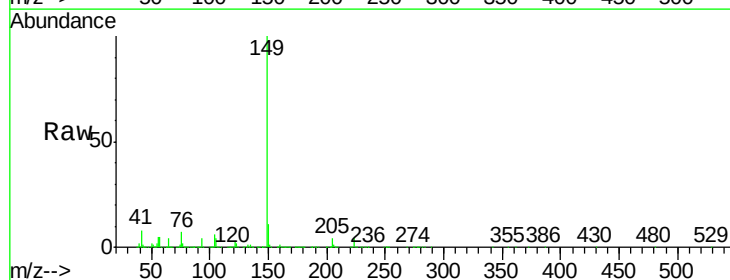
Tgt Ion:149 Resp: 1382436

Ion Ratio Lower Upper

149 100

150 10.6 7.1 10.7

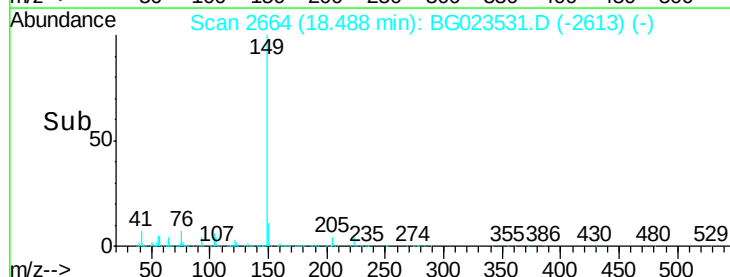
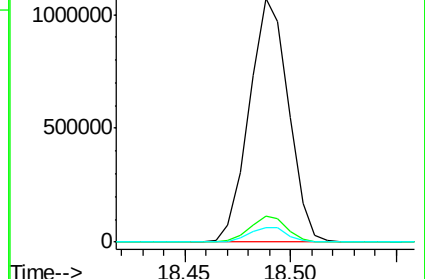
104 6.2 3.3 4.9

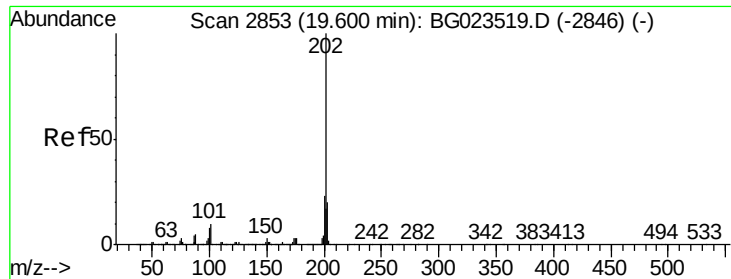


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 24.39 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

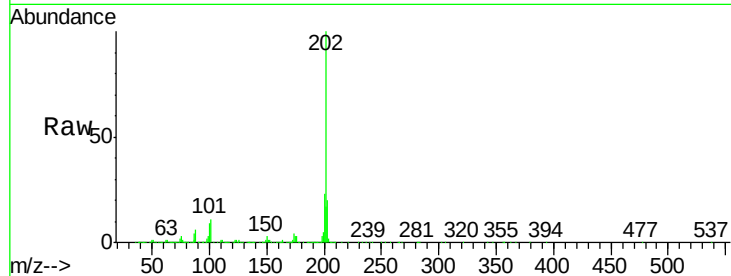
BNA_G

ClientSampleId :

SSTD02015

Tgt Ion:202 Resp: 1501957

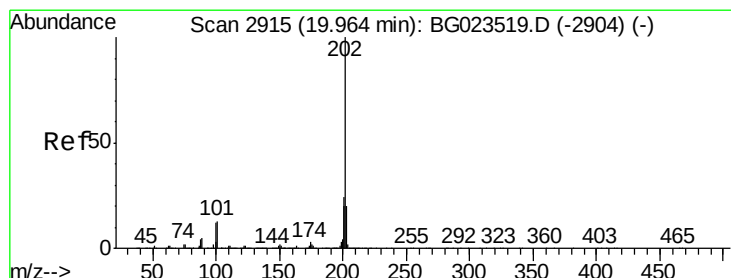
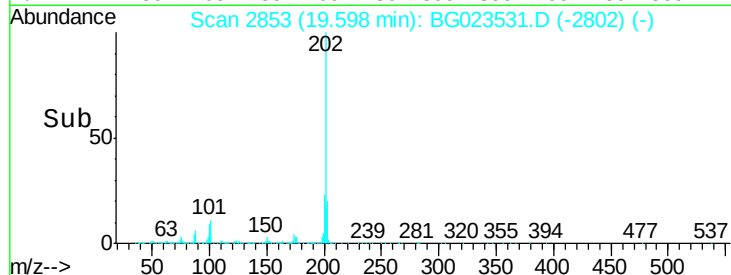
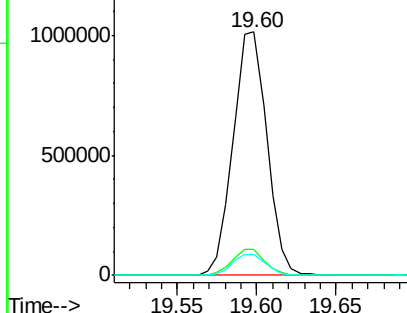
Ion	Ratio	Lower	Upper
202	100		
101	10.7	10.6	16.0
100	8.7	8.7	13.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 21.15 ng/ul

RT: 19.96 min Scan# 2915

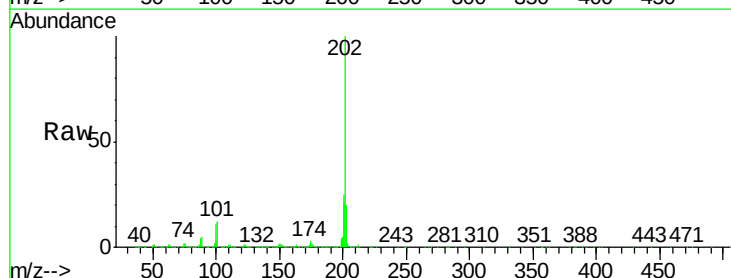
Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Tgt Ion:202 Resp: 1522252

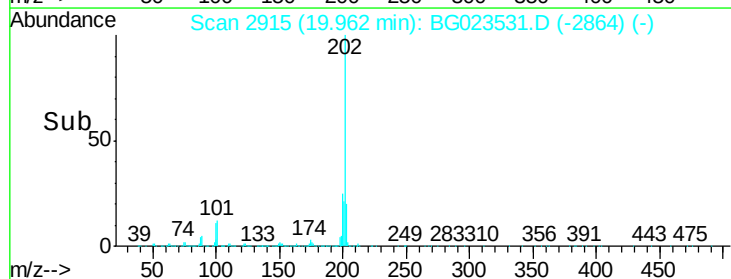
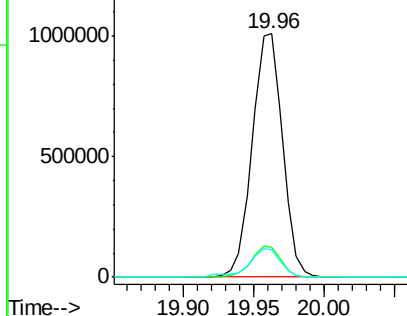
Ion	Ratio	Lower	Upper
202	100		
101	12.3	12.5	18.7#
100	11.1	10.2	15.4

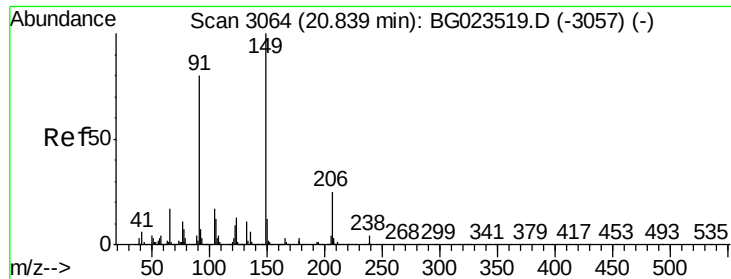


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

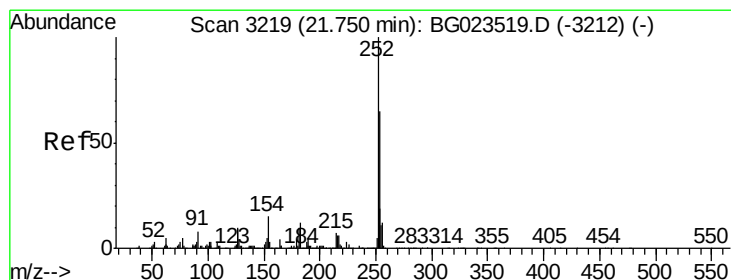
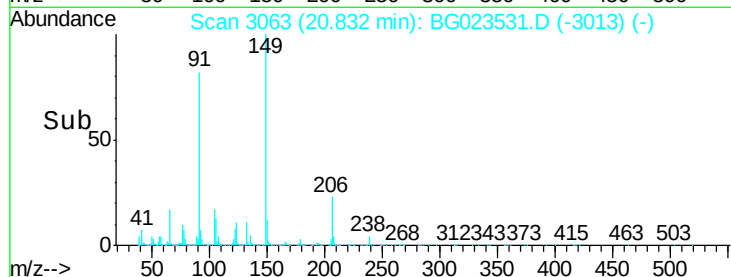
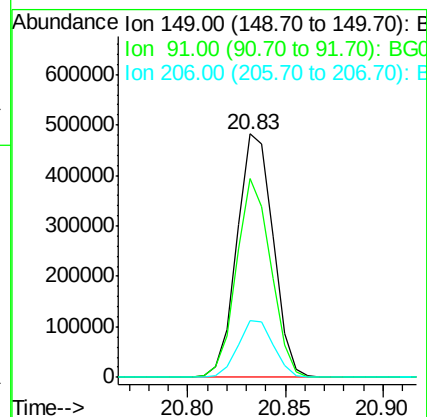
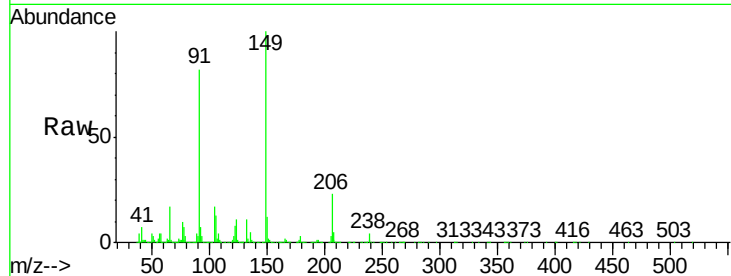




#78
Butylbenzylphthalate
Concen: 22.30 ng/ul
RT: 20.83 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

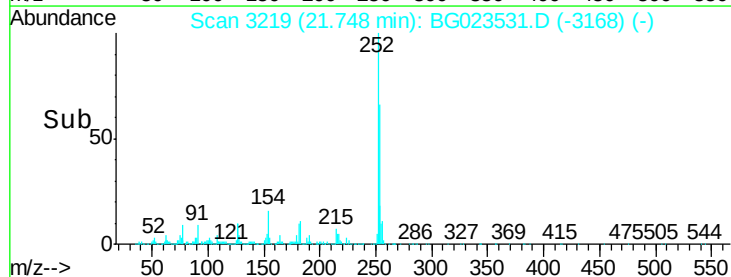
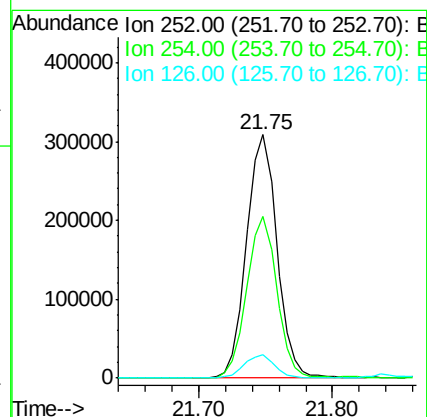
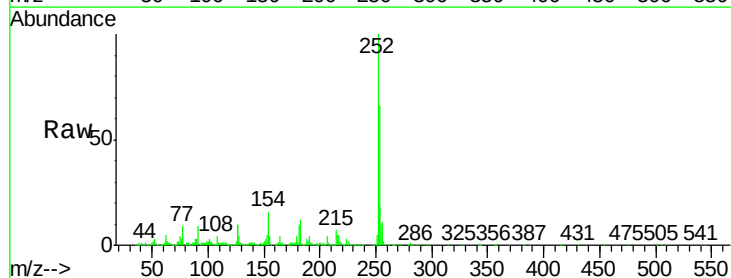
Instrument :
BNA_G
ClientSampleId :
SSTD02015

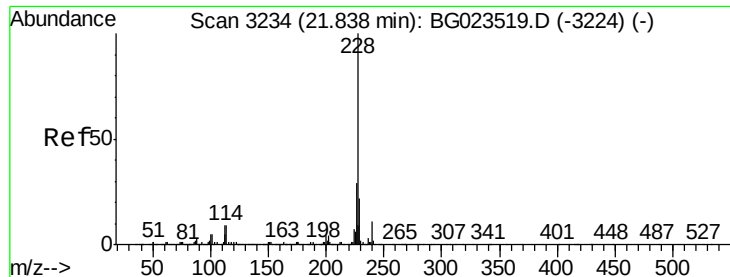
Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.5	54.2	81.4#
206	23.4	14.1	21.1#



#79
3,3'-Dichlorobenzidine
Concen: 23.74 ng/ul
RT: 21.75 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.4	77.2
126	9.8	10.7	16.1#





#80

Benzo(a)anthracene

Concen: 21.64 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SSTD02015

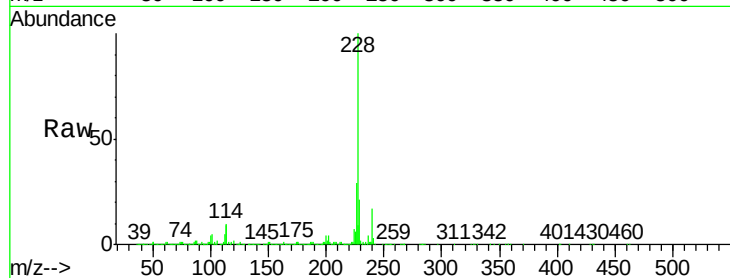
Tgt Ion:228 Resp: 1418831

Ion Ratio Lower Upper

228 100

229 21.3 15.4 23.2

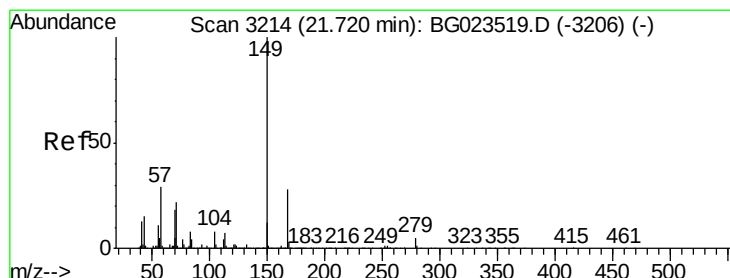
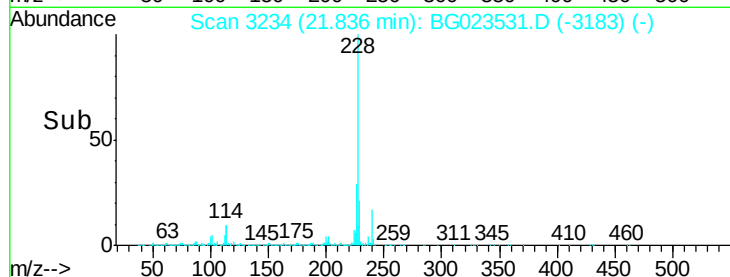
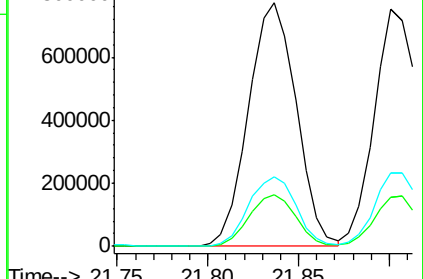
226 28.7 22.8 34.2



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: 22.68 ng/ul

RT: 21.71 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

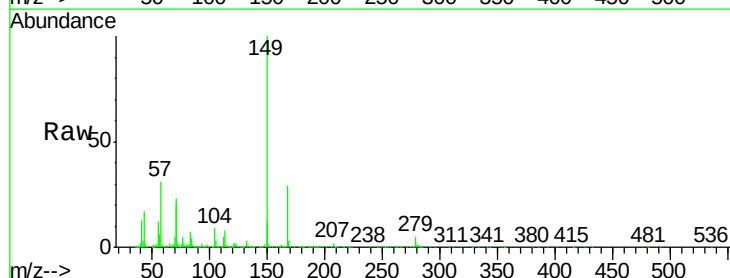
Tgt Ion:149 Resp: 832615

Ion Ratio Lower Upper

149 100

167 29.0 21.9 32.9

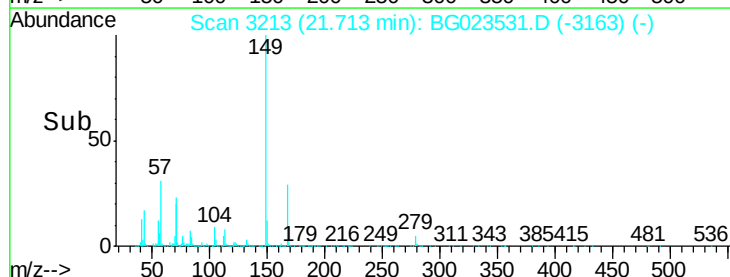
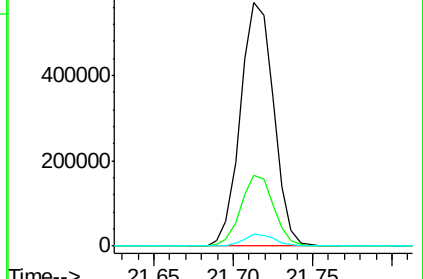
279 4.7 2.9 4.3#

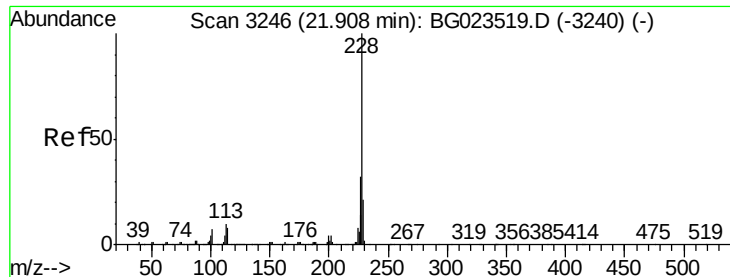


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 21.47 ng/ul

RT: 21.90 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SSTD02015

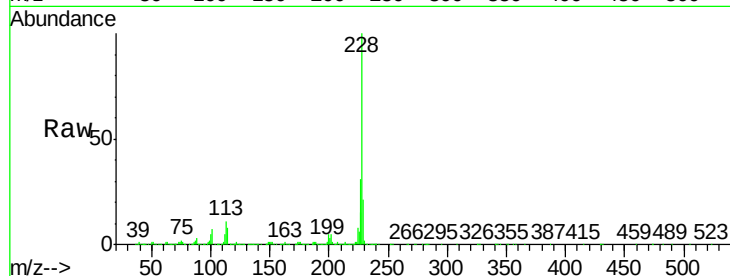
Tgt Ion:228 Resp: 1280133

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.4

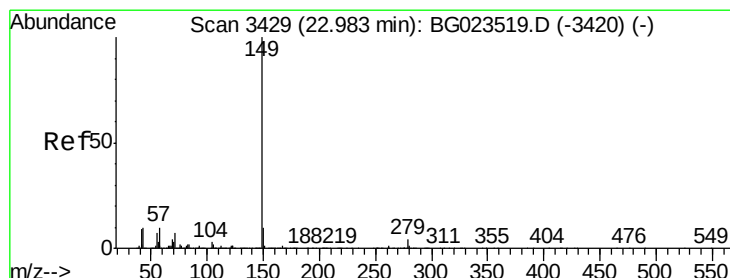
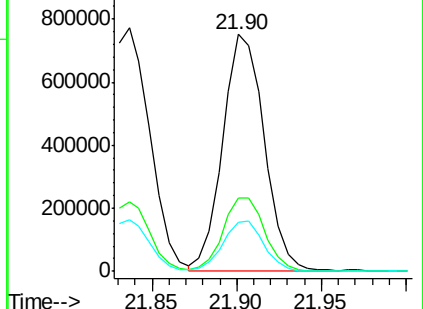
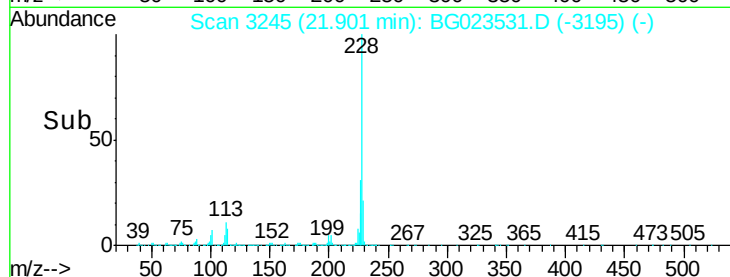
229 20.5 15.0 22.6



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: 23.83 ng/ul

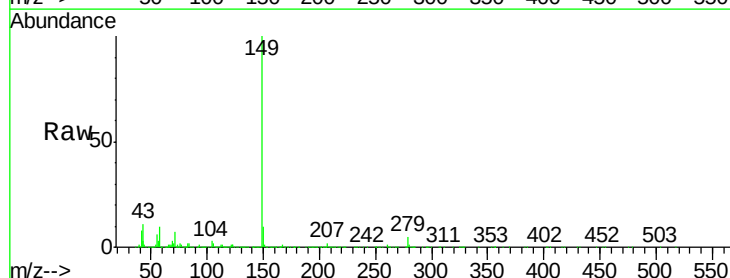
RT: 22.98 min Scan# 3428

Delta R.T. -0.01 min

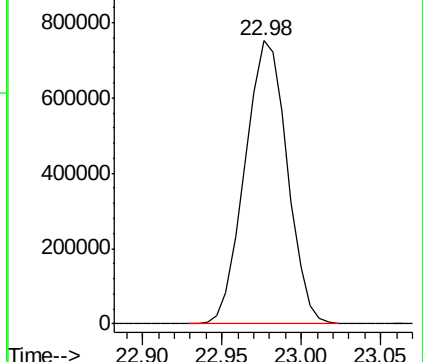
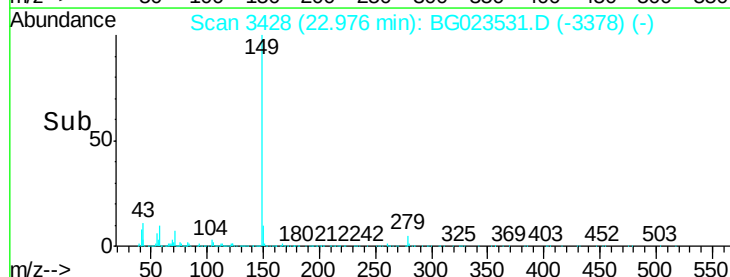
Lab File: BG023531.D

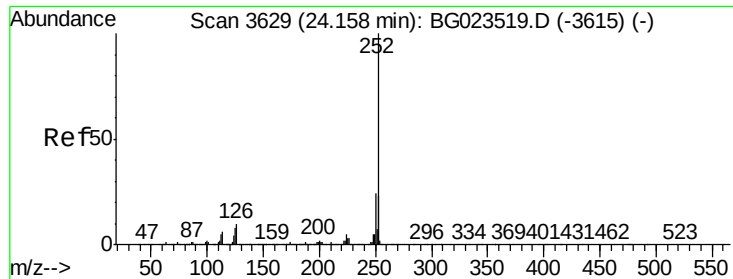
Acq: 8 Aug 2016 10:27

Tgt Ion:149 Resp: 1397476



Abundance Ion 149.00 (148.70 to 149.70): E

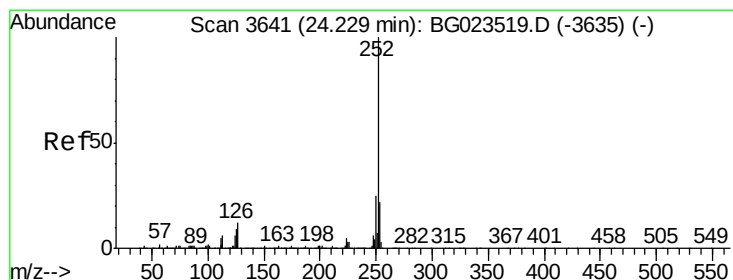
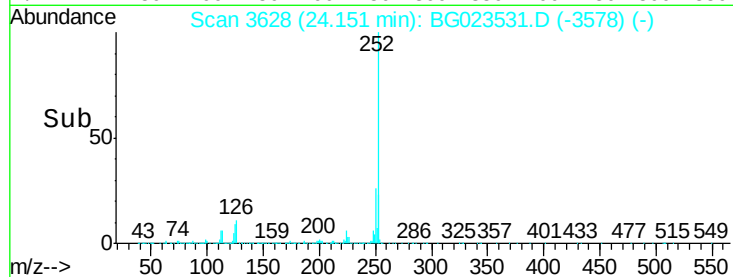
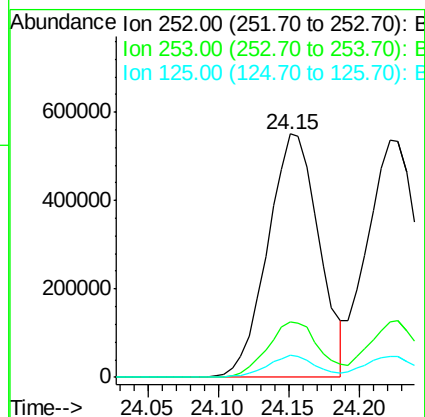
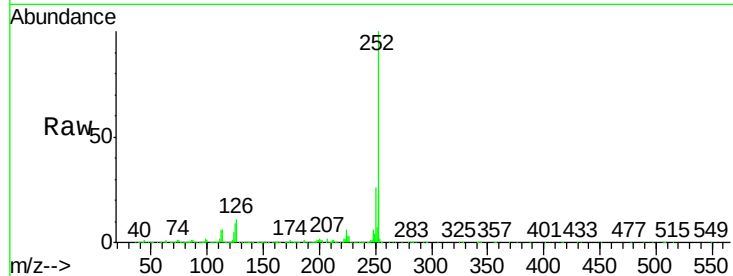




#85
Benzo(b)fluoranthene
Concen: 21.11 ng/ul
RT: 24.15 min Scan# 3628
Delta R.T. -0.01 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

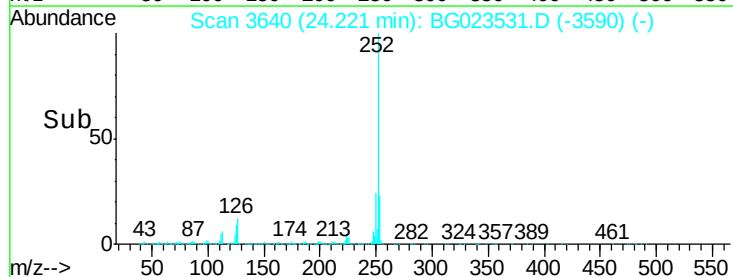
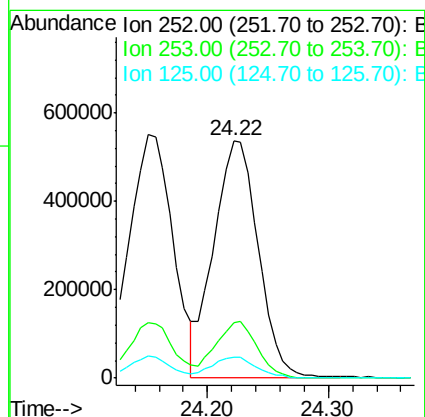
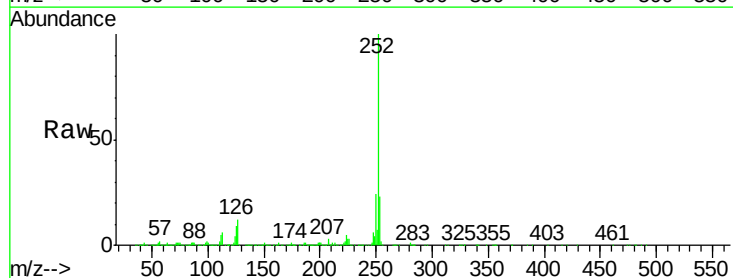
Instrument :
BNA_G
ClientSampleId :
SSTD02015

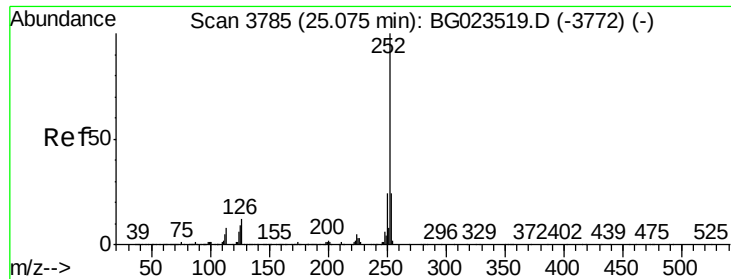
Tgt Ion:252 Resp: 1394425
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 9.0 10.8 16.2#



#86
Benzo(k)fluoranthene
Concen: 21.09 ng/ul
RT: 24.22 min Scan# 3640
Delta R.T. -0.01 min
Lab File: BG023531.D
Acq: 8 Aug 2016 10:27

Tgt Ion:252 Resp: 1371266
Ion Ratio Lower Upper
252 100
253 23.4 15.8 23.6
125 9.0 10.6 16.0#





#88

Benzo(a)pyrene

Concen: 21.16 ng/ul

RT: 25.07 min Scan# 3785

Delta R.T. -0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SSTD02015

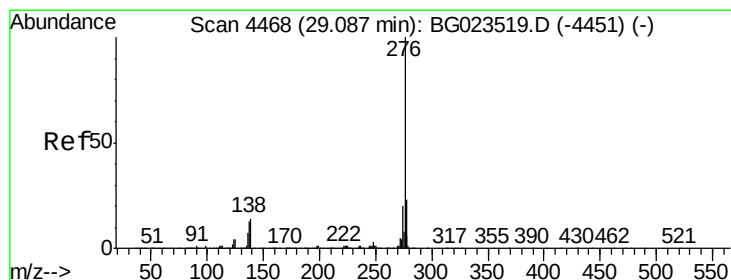
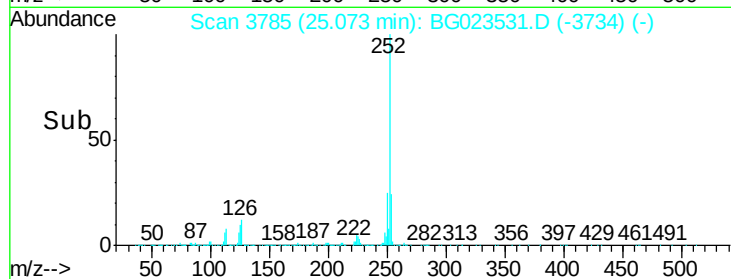
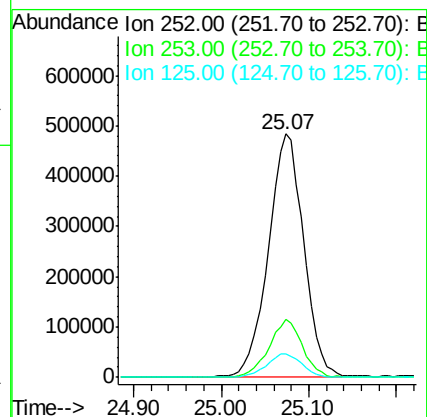
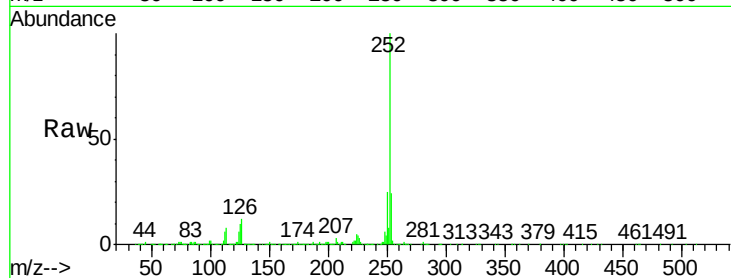
Tgt Ion:252 Resp: 1349519

Ion Ratio Lower Upper

252 100

253 24.0 19.0 28.4

125 9.8 12.0 18.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 21.09 ng/ul

RT: 29.10 min Scan# 4470

Delta R.T. 0.01 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

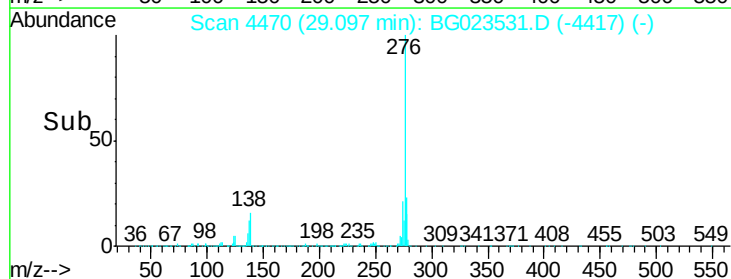
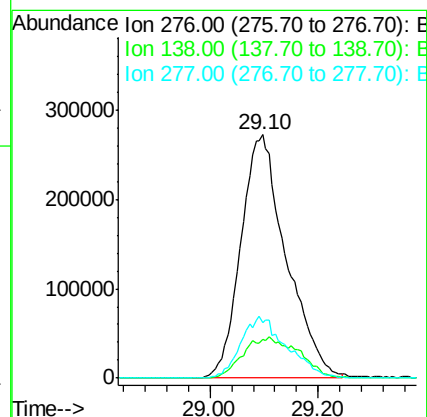
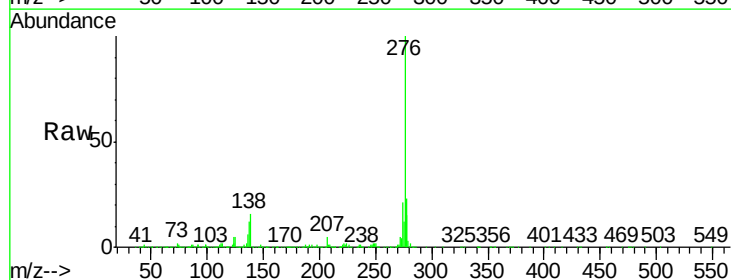
Tgt Ion:276 Resp: 1580741

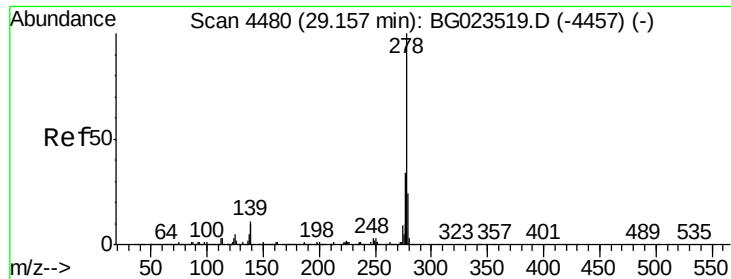
Ion Ratio Lower Upper

276 100

138 15.8 20.8 31.2#

277 22.8 17.6 26.4





#90

Dibenzo(a,h)anthracene

Concen: 20.84 ng/ul

RT: 29.16 min Scan# 4481

Delta R.T. 0.00 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

Instrument :

BNA_G

ClientSampleId :

SSTD02015

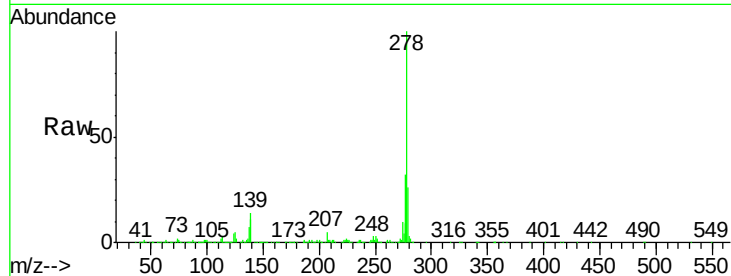
Tgt Ion:278 Resp: 1332192

Ion Ratio Lower Upper

278 100

139 13.6 16.3 24.5#

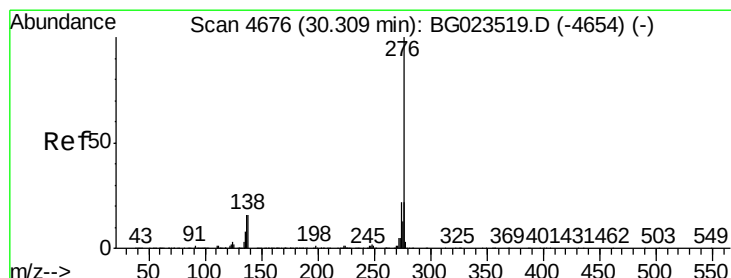
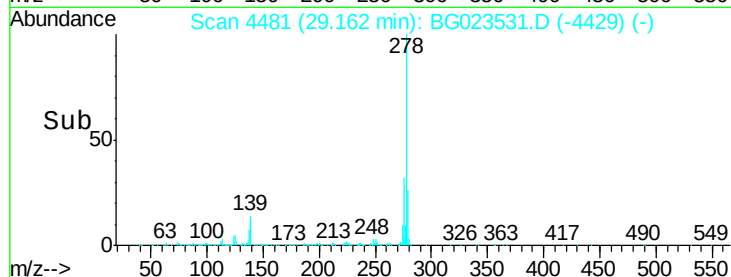
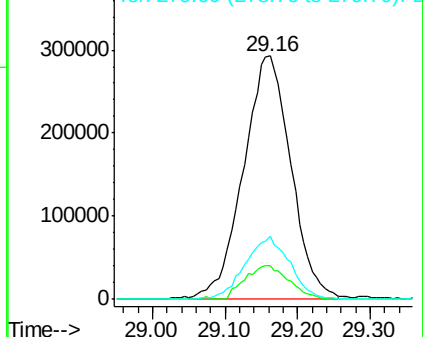
279 26.1 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 21.01 ng/ul

RT: 30.30 min Scan# 4674

Delta R.T. -0.01 min

Lab File: BG023531.D

Acq: 8 Aug 2016 10:27

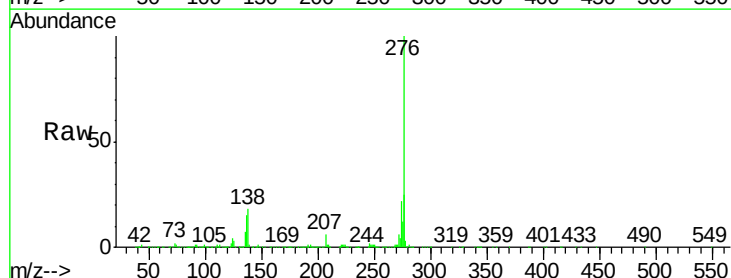
Tgt Ion:276 Resp: 1305414

Ion Ratio Lower Upper

276 100

138 17.5 22.1 33.1#

277 24.6 17.0 25.4



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

