Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081715\
Data File : BG018447.D
Acq On : 17 Aug 2015 11:04
Operator : UM/MA
Sample : MDL-02-S
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-02-S

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:20:46 PM

Quant Time: Aug 18 01:54:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 01:30:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	106737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	490240	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	312792	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	820229	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	838530	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	833348	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	14939	6.18	ng/uL	0.00
5) Phenol-d5	7.17	99	330680	34.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	215618	35.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	248463	33.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	284506	34.95	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	137557	36.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	143872	36.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	270629	32.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	390038	41.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	957218	36.37	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1164962	35.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	195860	41.38	ng/ul	0.00
58) Fluorene-d10	15.63	176	834940	36.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	147220	36.49	ng/ul	0.00
71) Anthracene-d10	17.48	188	1367759	34.87	ng/ul	0.00
79) Pyrene-d10	19.76	212	1519095	34.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	1624334	36.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	1769	0.68	ng/uL#	76
4) Benzaldehyde	7.15	77	20419m	3.59	ng/ul	
6) Phenol	7.20	94	29355	2.97	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.43	93	25344	3.33	ng/ul#	77
10) 2-Chlorophenol	7.58	128	21677	2.87	ng/ul#	89
11) 2-Methylphenol	8.45	108	22152	2.89	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.55	45	30959	2.54	ng/ul	98
14) Acetophenone	8.84	105	39143	3.33	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.81	70	19717	2.92	ng/ul#	91
16) 4-Methylphenol	8.78	108	25774	3.08	ng/ul	92
17) Hexachloroethane	9.10	117	9560	2.93	ng/ul	92
20) Nitrobenzene	9.22	77	28854	2.99	ng/ul	93
21) Isophorone	9.73	82	60531	3.26	ng/ul	98
23) 2-Nitrophenol	9.93	139	14025	3.25	ng/ul	96
24) 2,4-Dimethylphenol	9.99	107	25478	2.63	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.22	93	36092	3.12	ng/ul	96
27) 2,4-Dichlorophenol	10.47	162	23301	3.01	ng/ul	98
28) Naphthalene	10.87	128	78473	3.03	ng/ul	96
30) 4-Chloroaniline	10.97	127	37510	3.95	ng/ul	92
31) Hexachlorobutadiene	11.16	225	15107	3.09	ng/ul#	79
32) Caprolactam	11.75	113	10864m	3.49	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	27843	3.11	ng/ul	94
34) 2-Methylnaphthalene	12.47	142	60948	3.25	ng/ul	83

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081715\
Data File : BG018447.D
Acq On : 17 Aug 2015 11:04
Operator : UM/MA
Sample : MDL-02-S
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
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8/18/2015 5:20:46 PM

Quant Time: Aug 18 01:54:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 01:30:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	30197	3.01 ng/ul#	96
38) Hexachlorocyclopentadiene	12.83	237	14870	2.49 ng/ul	93
39) 2,4,6-Trichlorophenol	13.08	196	19538	2.86 ng/ul	91
40) 2,4,5-Trichlorophenol	13.15	196	22220	3.02 ng/ul	96
41) 1,1'-Biphenyl	13.48	154	78814	3.02 ng/ul	97
42) 2-Chloronaphthalene	13.52	162	60397	2.98 ng/ul	97
43) 2-Nitroaniline	13.71	65	21224	3.24 ng/ul	99
45) Dimethylphthalate	14.09	163	85632	3.30 ng/ul#	99
46) 2,6-Dinitrotoluene	14.21	165	16537	3.20 ng/ul	98
48) Acenaphthylene	14.36	152	106037	3.19 ng/ul	97
49) 3-Nitroaniline	14.54	138	18736	3.55 ng/ul	98
50) Acenaphthene	14.71	153	75305	3.23 ng/ul	95
51) 2,4-Dinitrophenol	14.74	184	6002	2.38 ng/ul#	76
53) 4-Nitrophenol	14.85	109	14929	3.63 ng/ul	91
54) Dibenzofuran	15.04	168	99899	3.28 ng/ul	94
55) 2,4-Dinitrotoluene	14.99	165	23134	3.14 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.26	232	20522	3.21 ng/ul#	92
57) Diethylphthalate	15.45	149	92845	3.37 ng/ul	99
59) Fluorene	15.69	166	85471	3.26 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.68	204	40858	3.29 ng/ul	93
61) 4-Nitroaniline	15.69	138	21662	3.72 ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.76	198	14385	3.34 ng/ul#	61
65) N-Nitrosodiphenylamine	15.89	169	74528	3.02 ng/ul	96
66) 4-Bromophenyl-phenylether	16.57	248	25355	2.86 ng/ul	94
67) Hexachlorobenzene	16.70	284	29876	3.18 ng/ul#	85
68) Atrazine	16.84	200	31447	3.40 ng/ul	98
69) Pentachlorophenol	17.03	266	13175	2.10 ng/ul	97
70) Phenanthrene	17.43	178	147531	3.32 ng/ul	96
72) Anthracene	17.52	178	155824	3.44 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	28555	2.52 ng/uL	99
74) Pentachlorobenzene	14.96	250	30987	2.86 ng/uL	92
75) Carbazole	17.78	167	143053	3.60 ng/ul	99
76) Di-n-butylphthalate	18.34	149	183199	3.53 ng/ul	100
77) Fluoranthene	19.44	202	181093	3.81 ng/ul#	95
80) Pyrene	19.79	202	193462	3.41 ng/ul	99
81) Butylbenzylphthalate	20.68	149	75758	3.16 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.54	252	60887	3.50 ng/ul#	94
83) Benzo(a)anthracene	21.63	228	172003	3.31 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	111464	3.29 ng/ul	96
85) Chrysene	21.69	228	156167	3.21 ng/ul	93
87) Di-n-octyl phthalate	22.75	149	192771	3.59 ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	170977	3.27 ng/ul	97
89) Benzo(k)fluoranthene	23.89	252	157722	3.13 ng/ul	95
91) Benzo(a)pyrene	24.69	252	157708	3.17 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.47	276	176106m	3.06 ng/ul	
93) Dibenzo(a,h)anthracene	28.55	278	148187	3.10 ng/ul	96
94) Benzo(g,h,i)perylene	29.59	276	150119m	3.10 ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081715\
Data File : BG018447.D
Acq On : 17 Aug 2015 11:04
Operator : UM/MA
Sample : MDL-02-S
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 18 01:54:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 01:30:01 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
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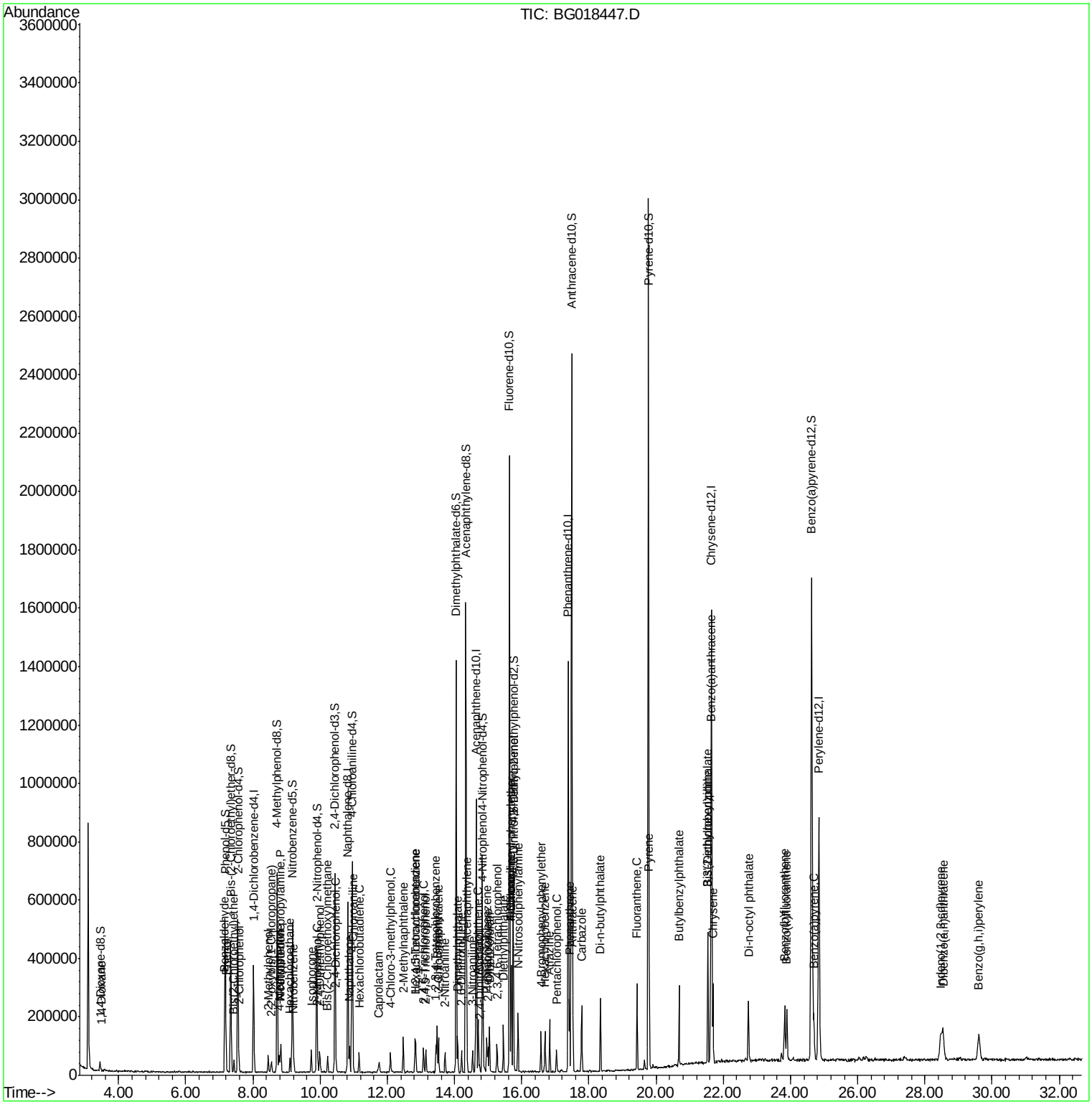
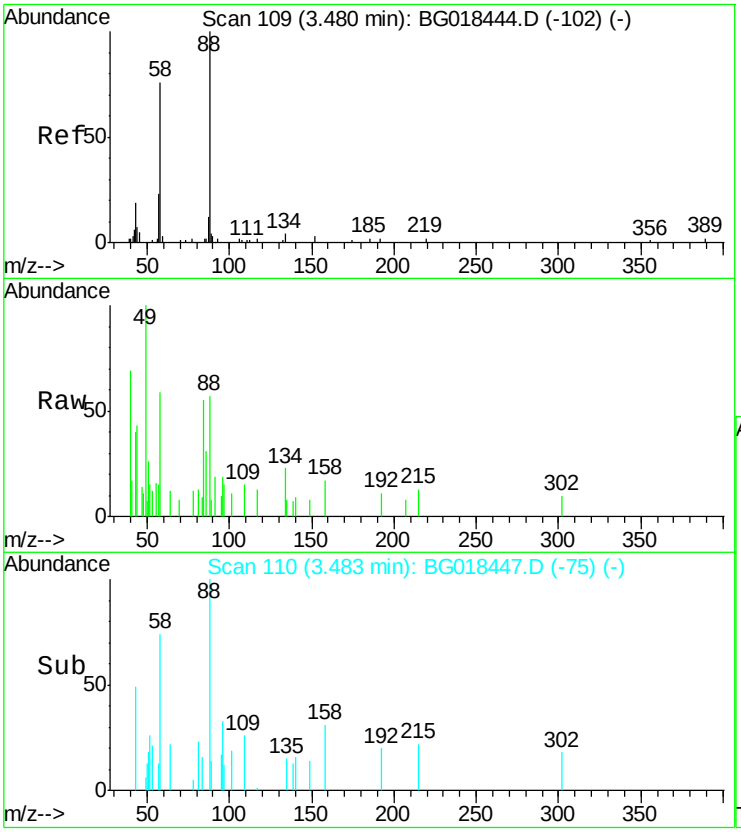
8/18/2015 5:20:46 PM

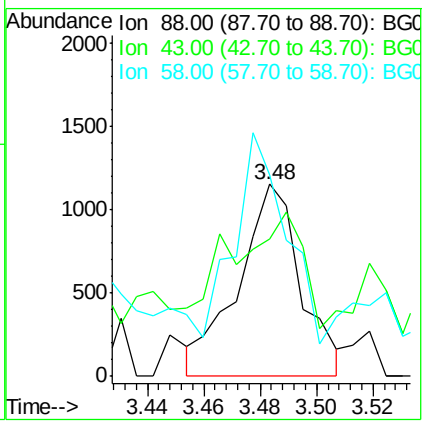




#2
1,4-Dioxane
Concen: 0.68 ng/uL
RT: 3.48 min Scan# 110
Delta R.T. 0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

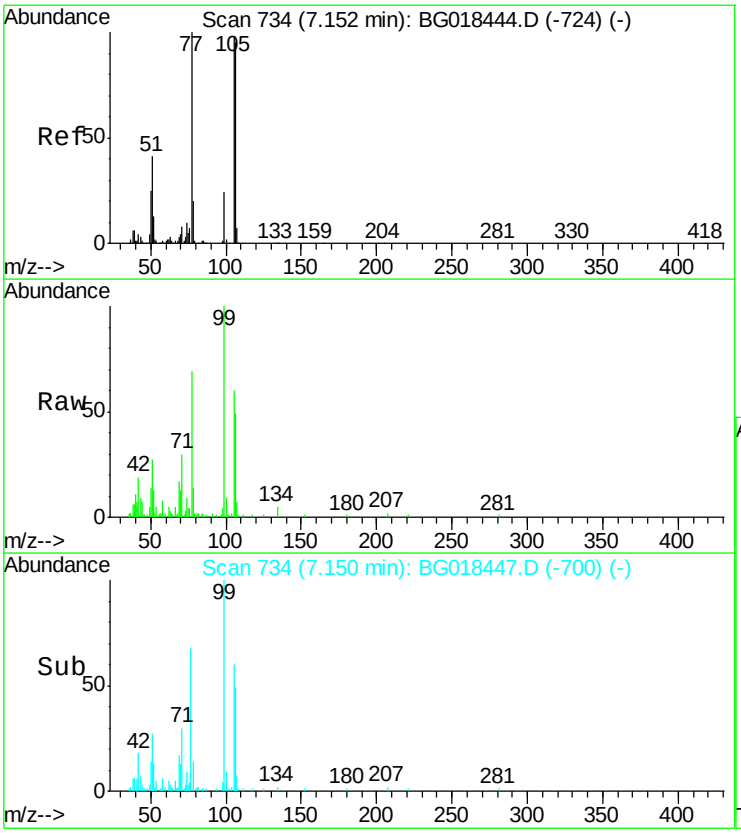
Tgt Ion: 88 Resp: 1769

Ion	Ratio	Lower	Upper
88	100		
43	71.6	33.0	49.4#
58	104.6	73.4	110.0



Instrument :
BNA_G
ClientSampleId :
MDL-02-S

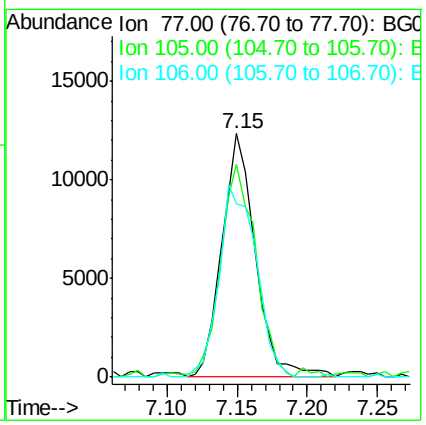
Manual Integrations APPROVED
MMDadoda
8/18/2015 5:20:46 PM

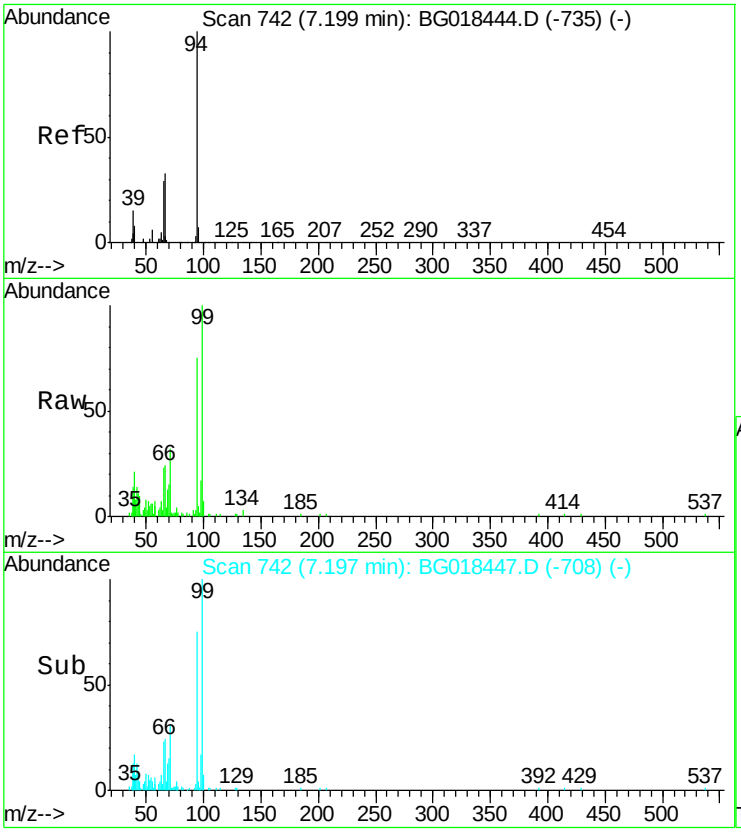


#4
Benzaldehyde
Concen: 3.59 ng/ul m
RT: 7.15 min Scan# 734
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion: 77 Resp: 20419

Ion	Ratio	Lower	Upper
77	100		
105	87.4	78.2	117.2
106	70.9	76.8	115.2#

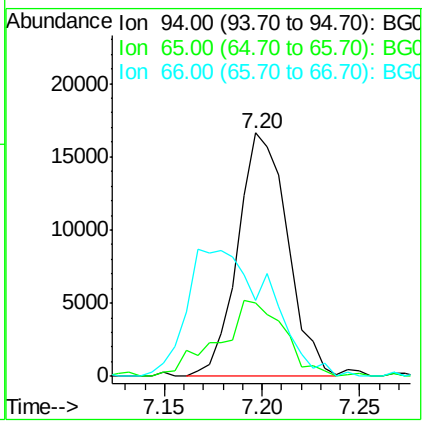




#6
Phenol
Concen: 2.97 ng/ul
RT: 7.20 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion: 94 Resp: 29355

Ion	Ratio	Lower	Upper
94	100		
65	30.0	23.0	34.6
66	31.4	31.0	46.4



Instrument :
BNA_G
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
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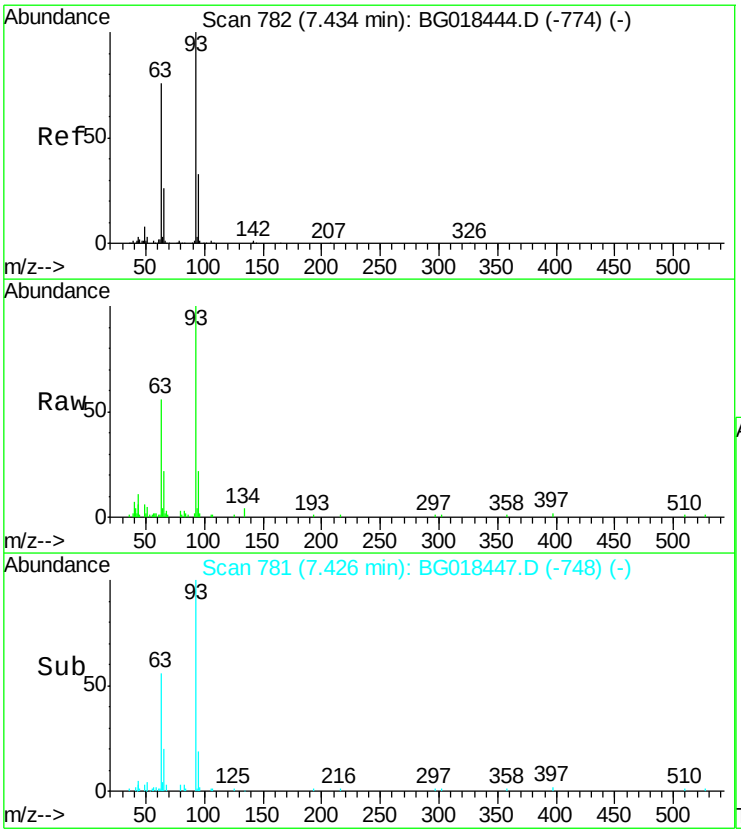
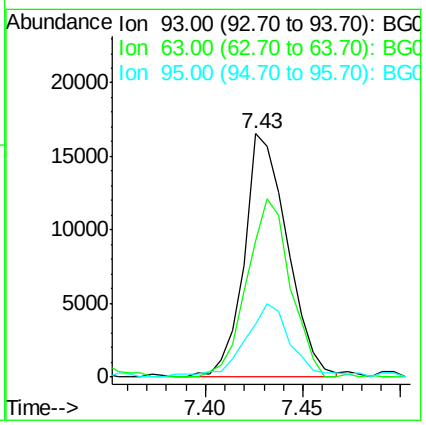
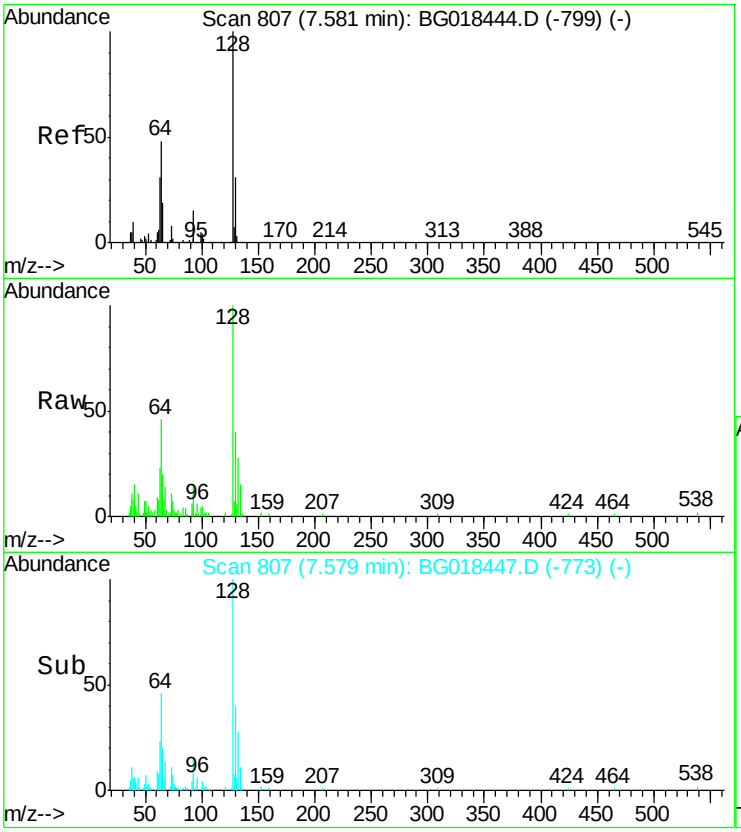


#8
Bis(2-Chloroethyl)ether
Concen: 3.33 ng/ul
RT: 7.43 min Scan# 781
Delta R.T. -0.01 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion: 93 Resp: 25344

Ion	Ratio	Lower	Upper
93	100		
63	55.9	61.4	92.2#
95	21.5	25.9	38.9#

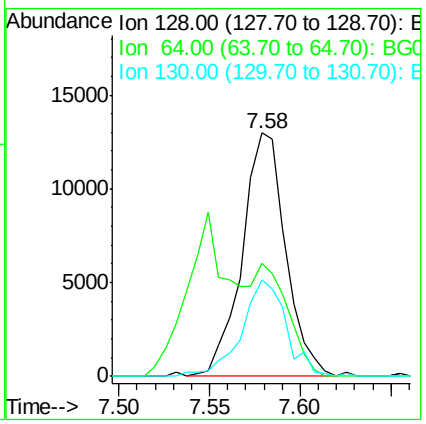




#10
2-Chlorophenol
Concen: 2.87 ng/ul
RT: 7.58 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:128 Resp: 21677

Ion	Ratio	Lower	Upper
128	100		
64	46.3	40.9	61.3
130	39.8	24.5	36.7#



Instrument :
BNA_G
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
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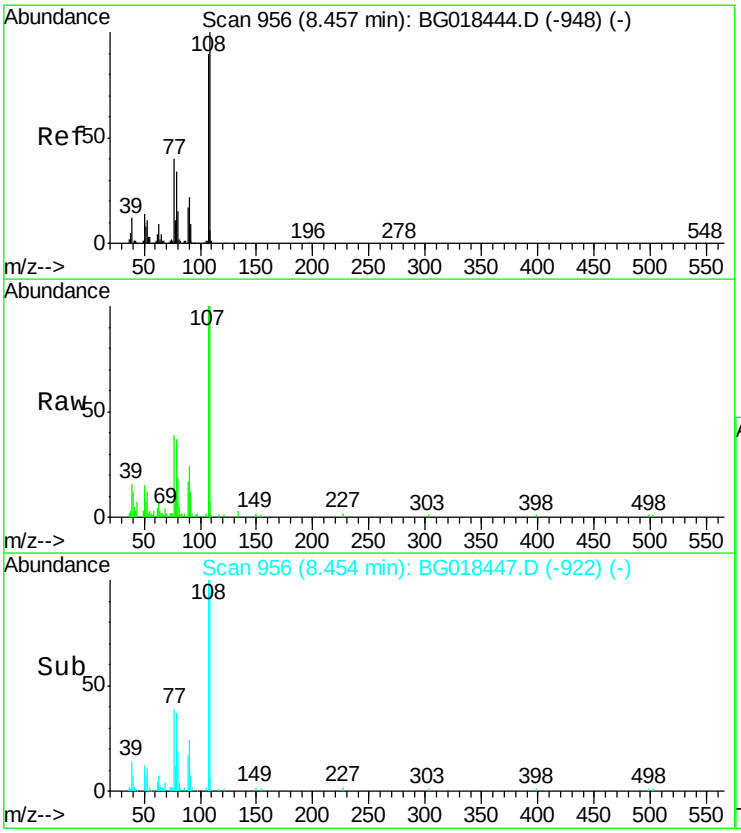
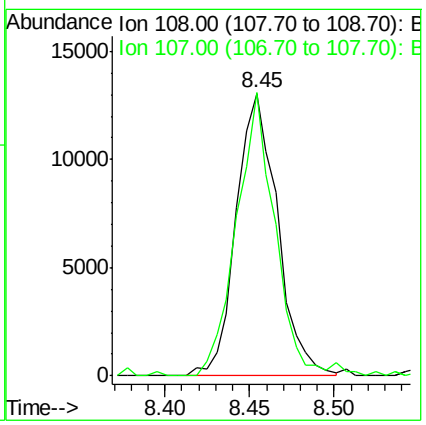
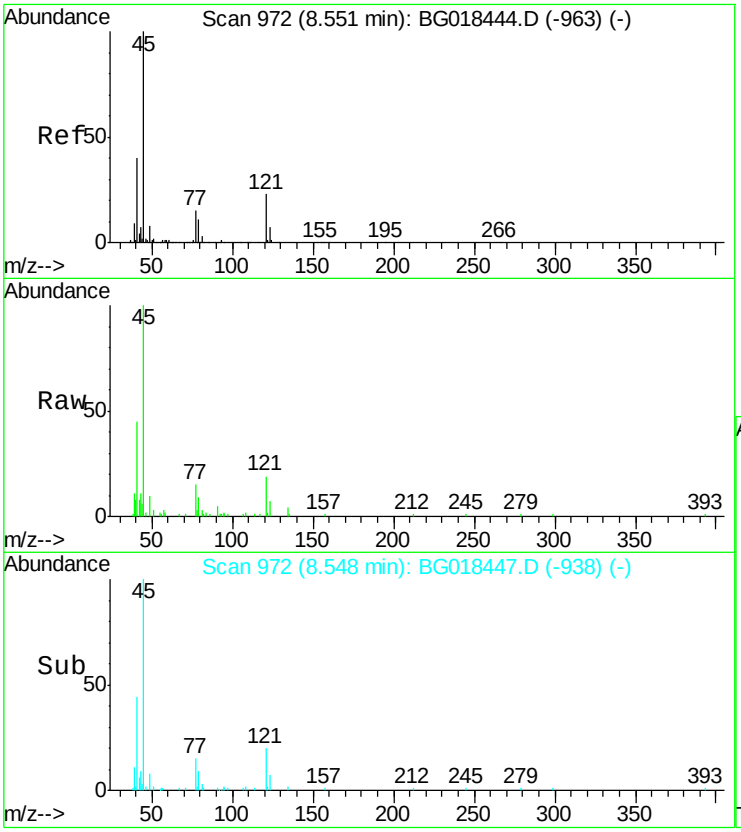


#11
2-Methylphenol
Concen: 2.89 ng/ul
RT: 8.45 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:108 Resp: 22152

Ion	Ratio	Lower	Upper
108	100		
107	100.3	72.1	108.1





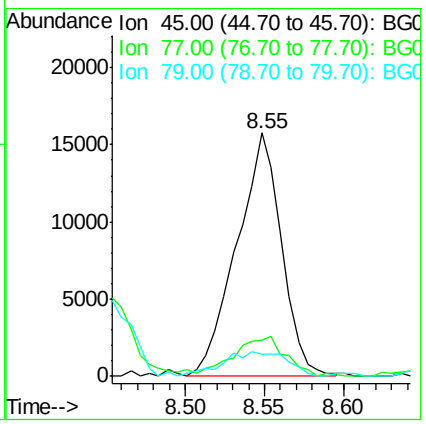
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.54 ng/ul
RT: 8.55 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

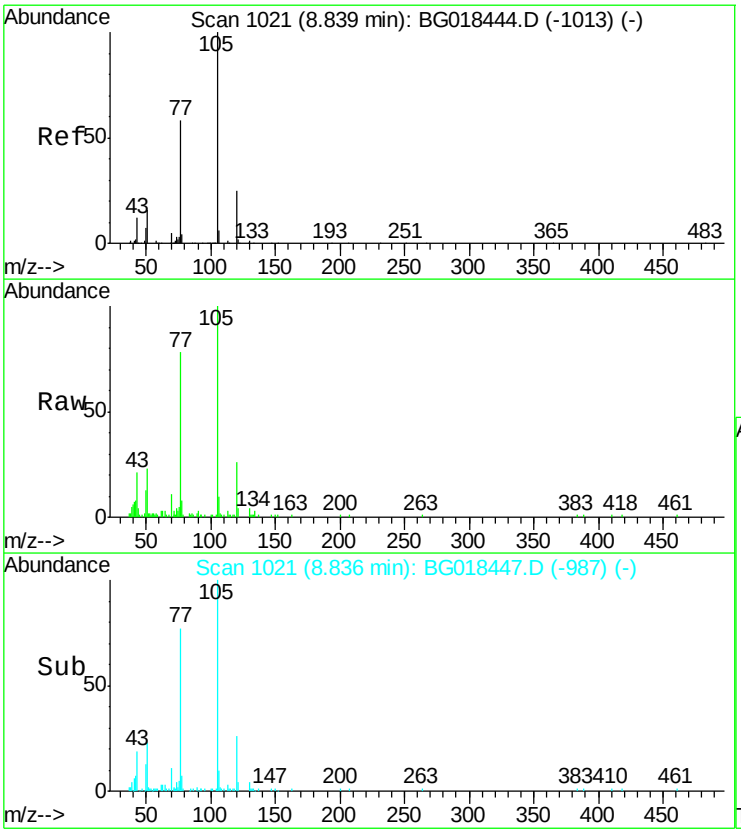
Tgt Ion: 45 Resp: 30959

Ion	Ratio	Lower	Upper
45	100		
77	15.0	11.3	16.9
79	9.2	7.8	11.8

Instrument :
BNA_G
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:20:46 PM

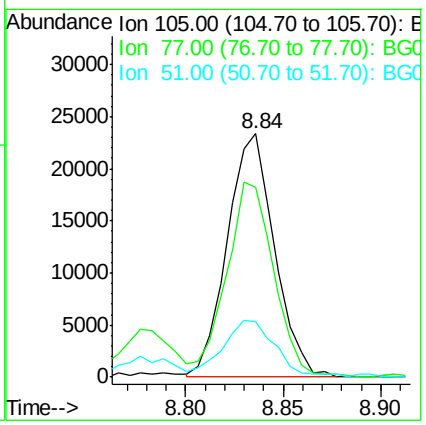


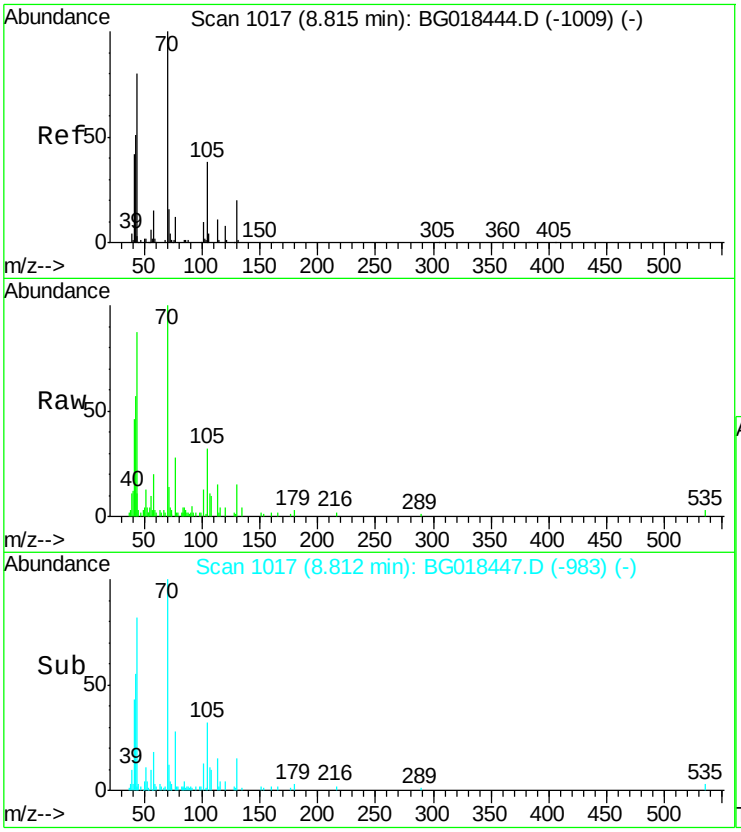


#14
Acetophenone
Concen: 3.33 ng/ul
RT: 8.84 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:105 Resp: 39143

Ion	Ratio	Lower	Upper
105	100		
77	78.1	61.9	92.9
51	22.7	25.5	38.3#

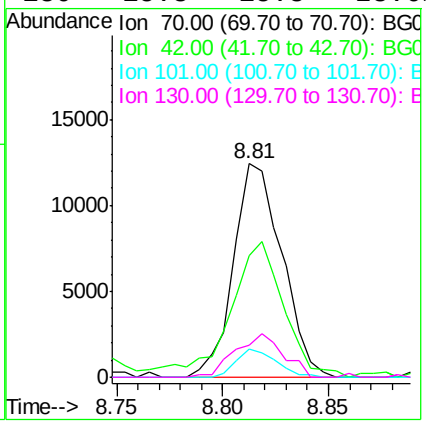




#15
N-Nitroso-di-n-propylamine
Concen: 2.92 ng/ul
RT: 8.81 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

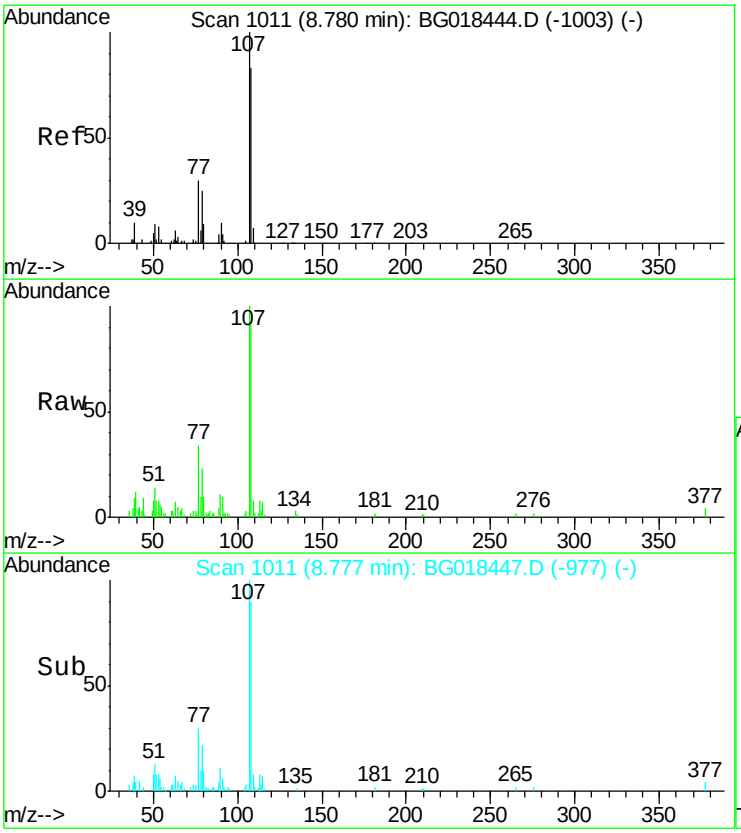
Tgt Ion: 70 Resp: 19717

Ion	Ratio	Lower	Upper
70	100		
42	56.9	50.7	76.1
101	13.0	7.4	11.2#
130	15.3	15.8	23.6#



Instrument :
BNA_G
ClientSampleId :
MDL-02-S

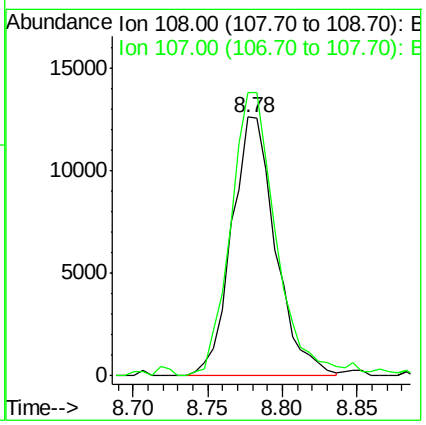
Manual Integrations APPROVED
MMDadoda
8/18/2015 5:20:46 PM

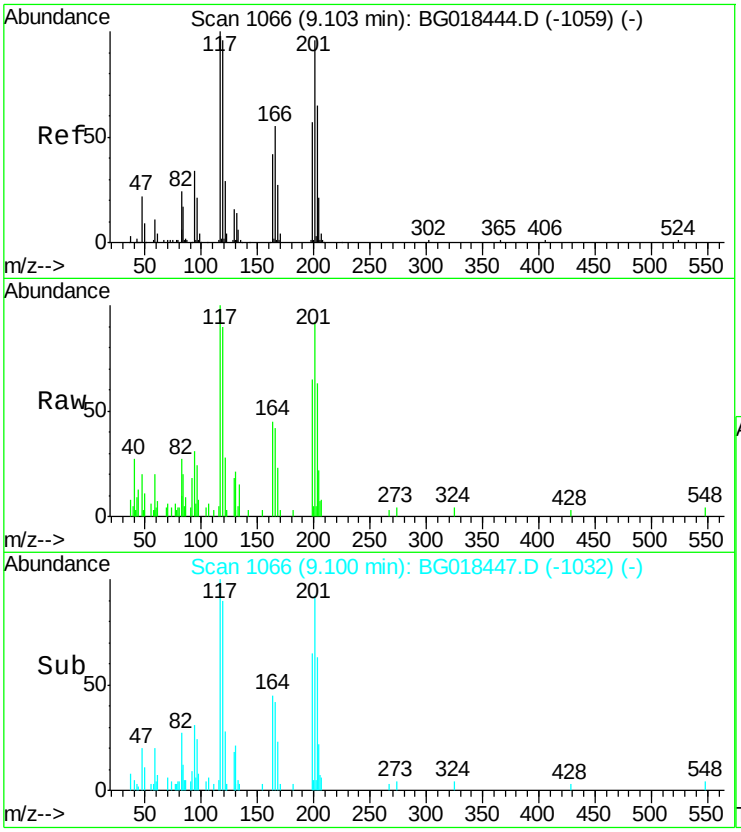


#16
4-Methylphenol
Concen: 3.08 ng/ul
RT: 8.78 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:108 Resp: 25774

Ion	Ratio	Lower	Upper
108	100		
107	109.3	94.6	142.0

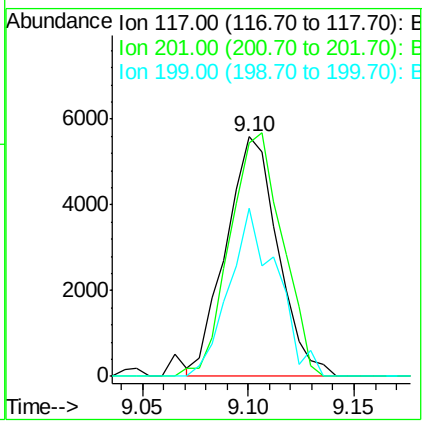




#17
Hexachloroethane
Concen: 2.93 ng/ul
RT: 9.10 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:117 Resp: 9560

Ion	Ratio	Lower	Upper
117	100		
201	97.2	73.6	110.4
199	70.4	48.6	72.8



Instrument :
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ClientSampleId :
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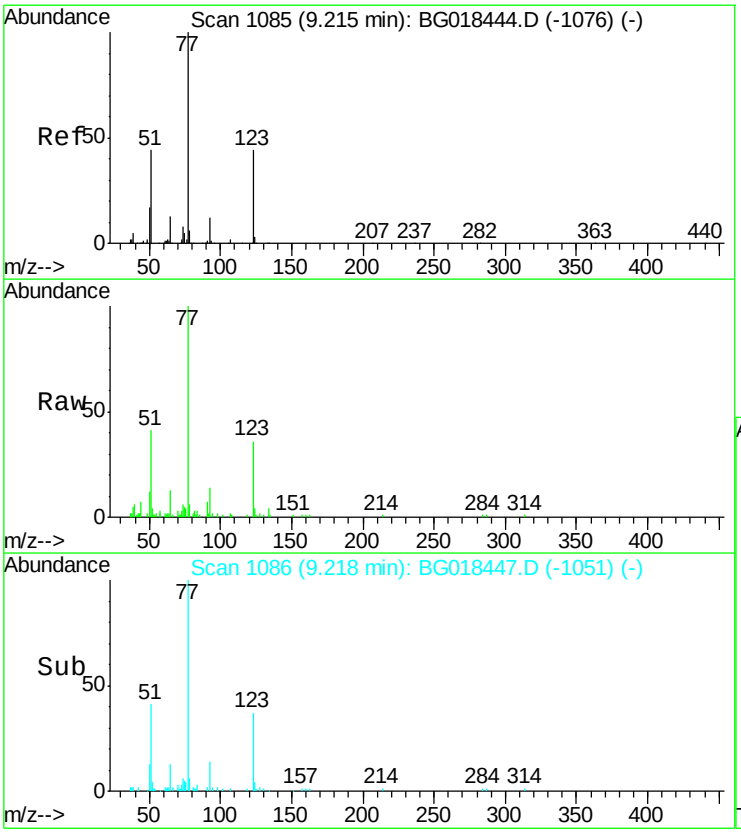
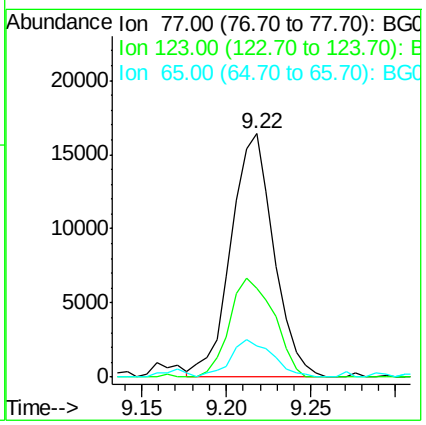
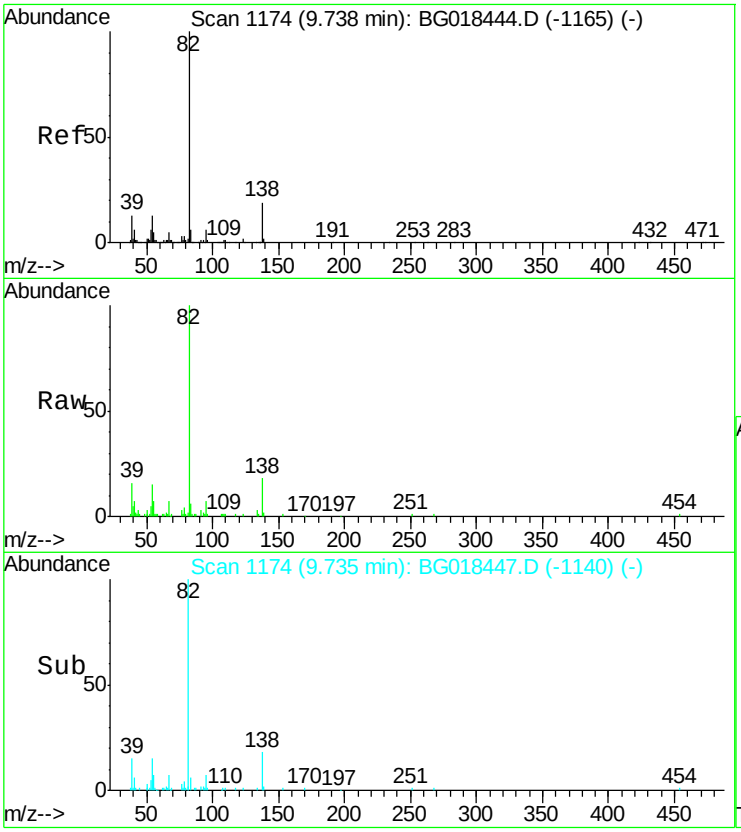


#20
Nitrobenzene
Concen: 2.99 ng/ul
RT: 9.22 min Scan# 1086
Delta R.T. 0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion: 77 Resp: 28854

Ion	Ratio	Lower	Upper
77	100		
123	36.2	32.8	49.2
65	12.9	12.2	18.2

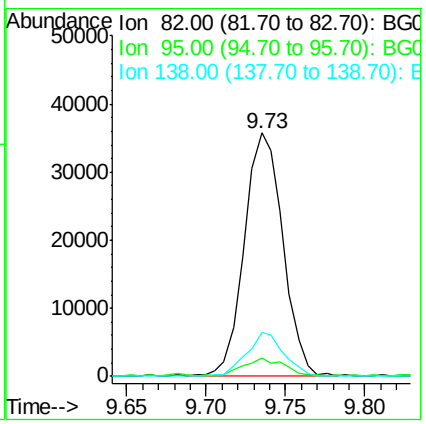




#21
Isophorone
Concen: 3.26 ng/ul
RT: 9.73 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion: 82 Resp: 60531

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.2	7.8
138	18.2	13.8	20.8



Instrument :
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ClientSampleId :
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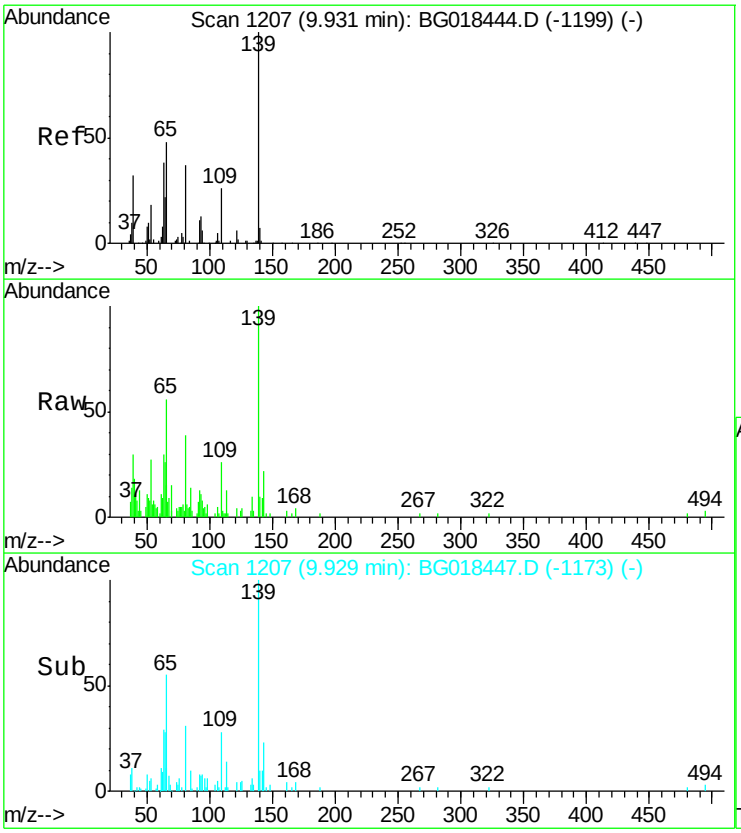
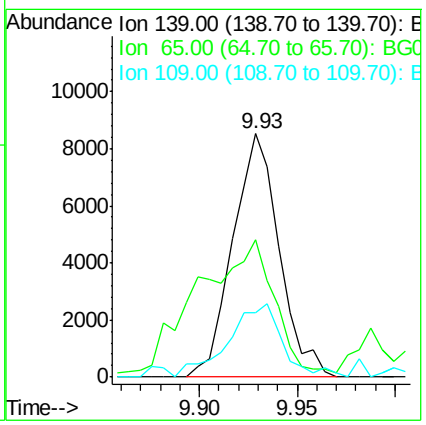
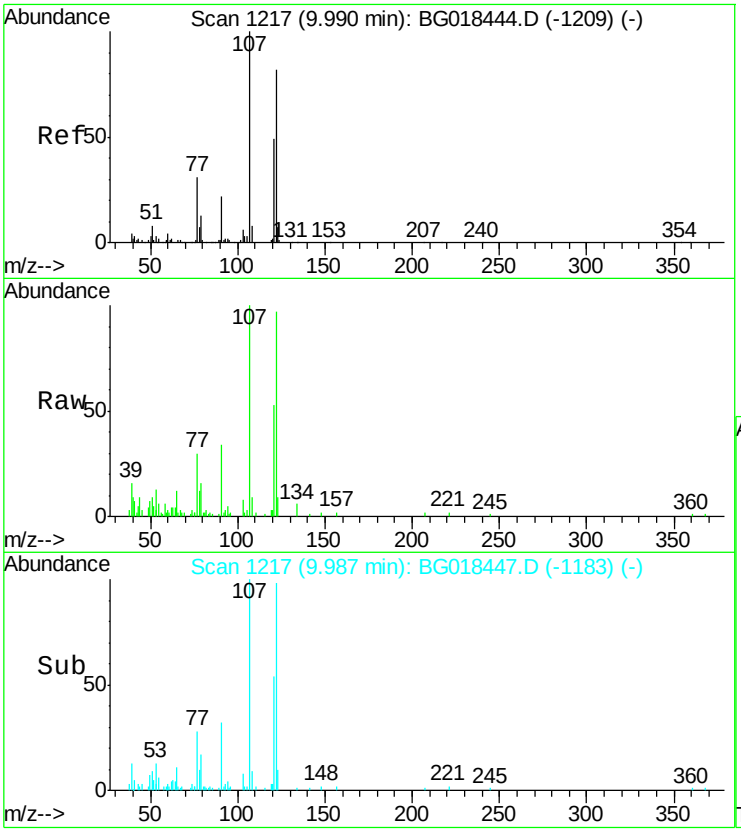


#23
2-Nitrophenol
Concen: 3.25 ng/ul
RT: 9.93 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:139 Resp: 14025

Ion	Ratio	Lower	Upper
139	100		
65	56.3	45.6	68.4
109	26.5	25.4	38.2





#24
2,4-Dimethylphenol
Concen: 2.63 ng/ul
RT: 9.99 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:107 Resp: 25478

Ion	Ratio	Lower	Upper
107	100		
121	52.9	41.3	61.9
122	97.2	71.9	107.9

Instrument :
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ClientSampleId :
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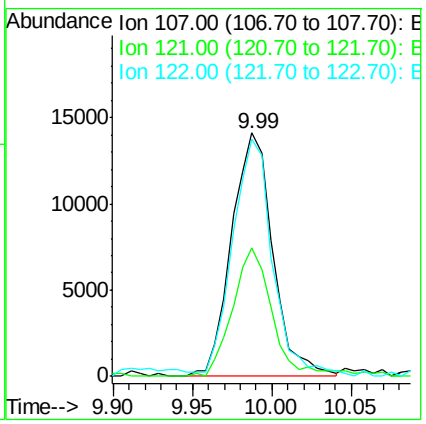
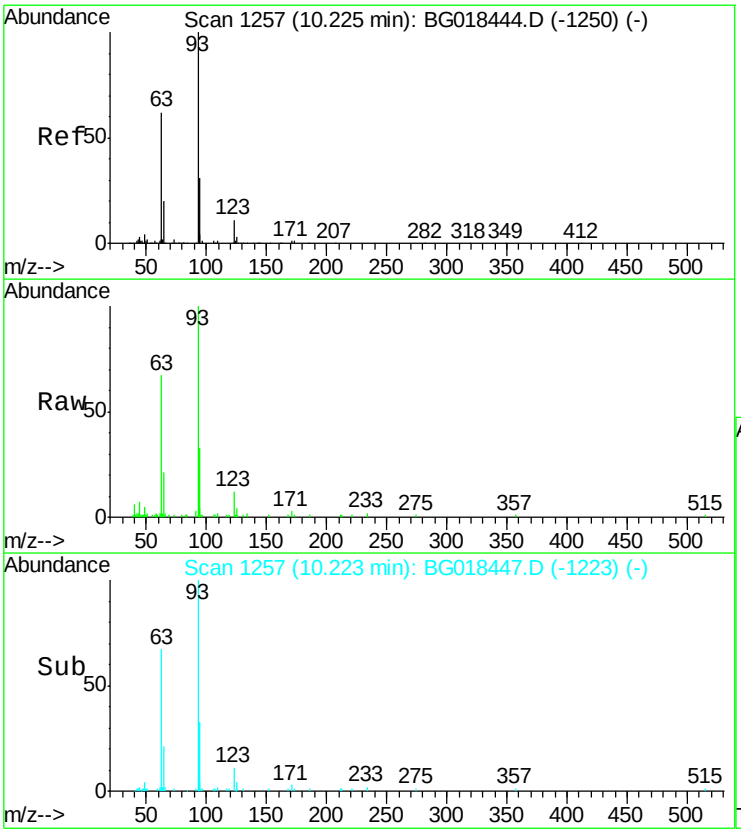
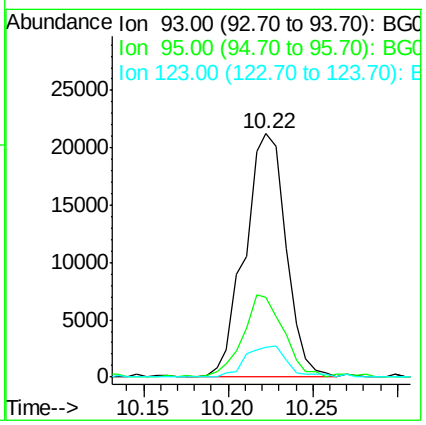


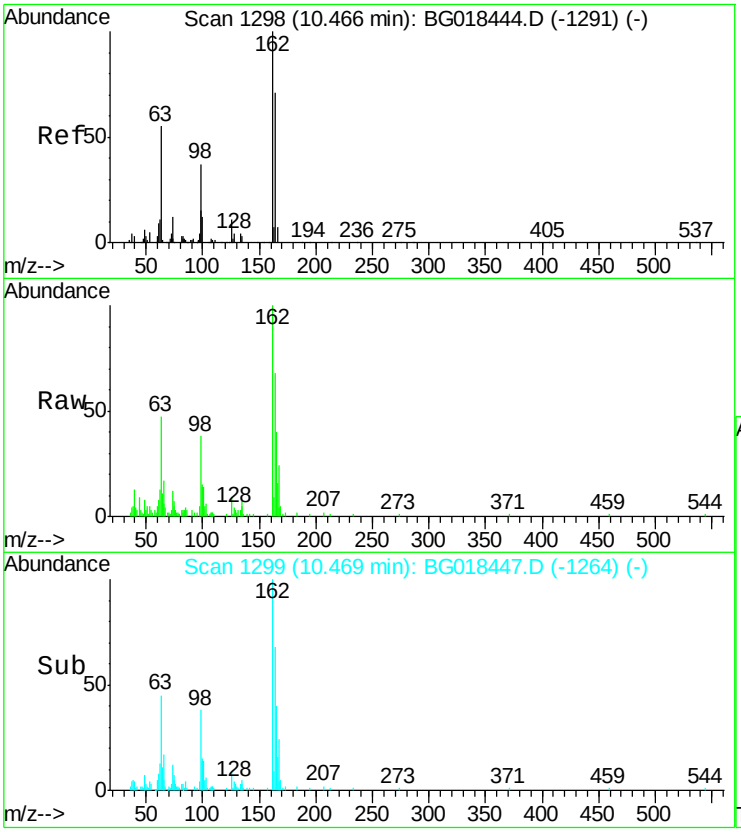


#25
Bis(2-Chloroethoxy)methane
Concen: 3.12 ng/ul
RT: 10.22 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion: 93 Resp: 36092

Ion	Ratio	Lower	Upper
93	100		
95	32.9	24.1	36.1
123	12.0	8.9	13.3

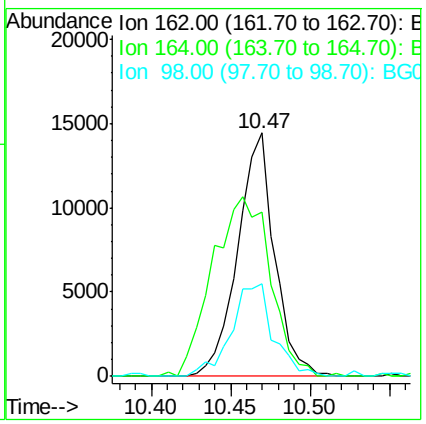




#27
2,4-Dichlorophenol
Concen: 3.01 ng/ul
RT: 10.47 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:162 Resp: 23301

Ion	Ratio	Lower	Upper
162	100		
164	67.5	51.7	77.5
98	37.9	30.4	45.6



Instrument :
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ClientSampleId :
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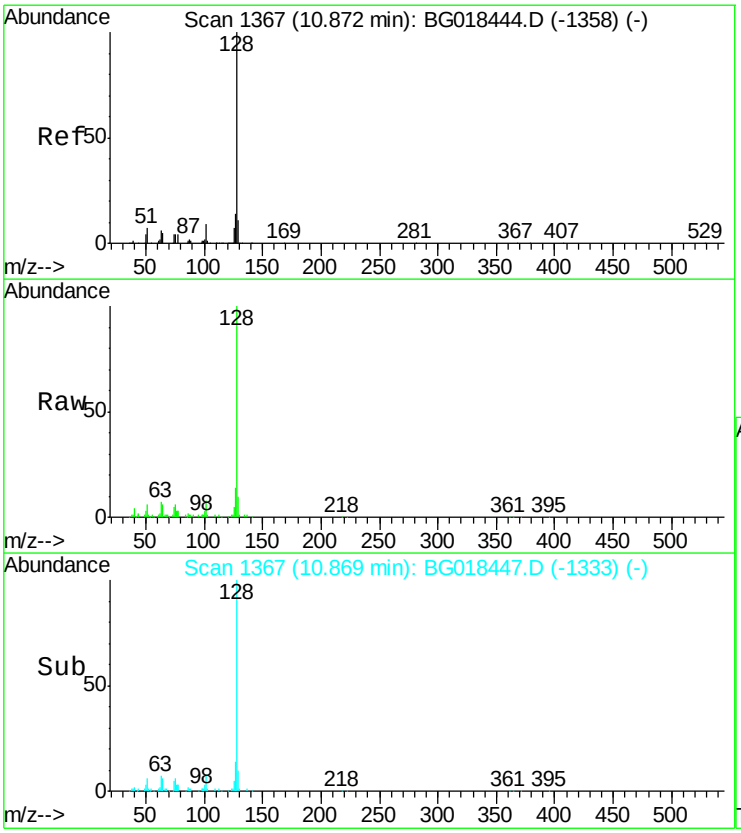
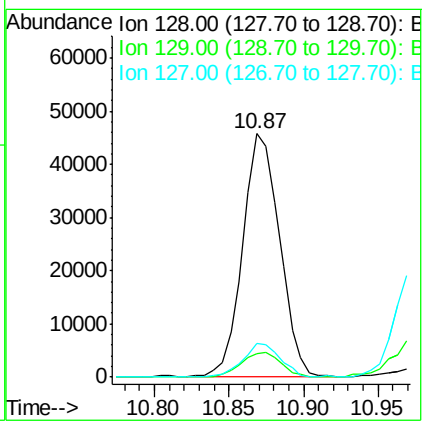
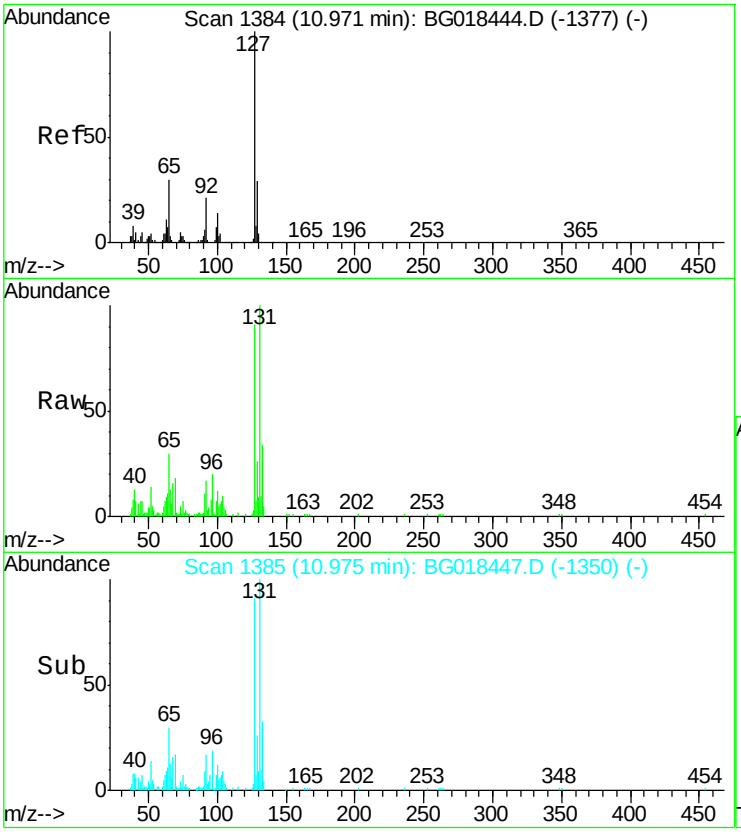


#28
Naphthalene
Concen: 3.03 ng/ul
RT: 10.87 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:128 Resp: 78473

Ion	Ratio	Lower	Upper
128	100		
129	9.7	9.6	14.4
127	13.9	10.5	15.7





#30
4-Chloroaniline
Concen: 3.95 ng/ul
RT: 10.97 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:127 Resp: 37510

Ion	Ratio	Lower	Upper
127	100		
129	28.8	26.7	40.1

Instrument :
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ClientSampleId :
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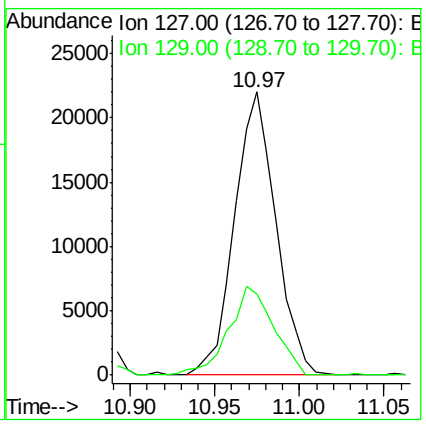
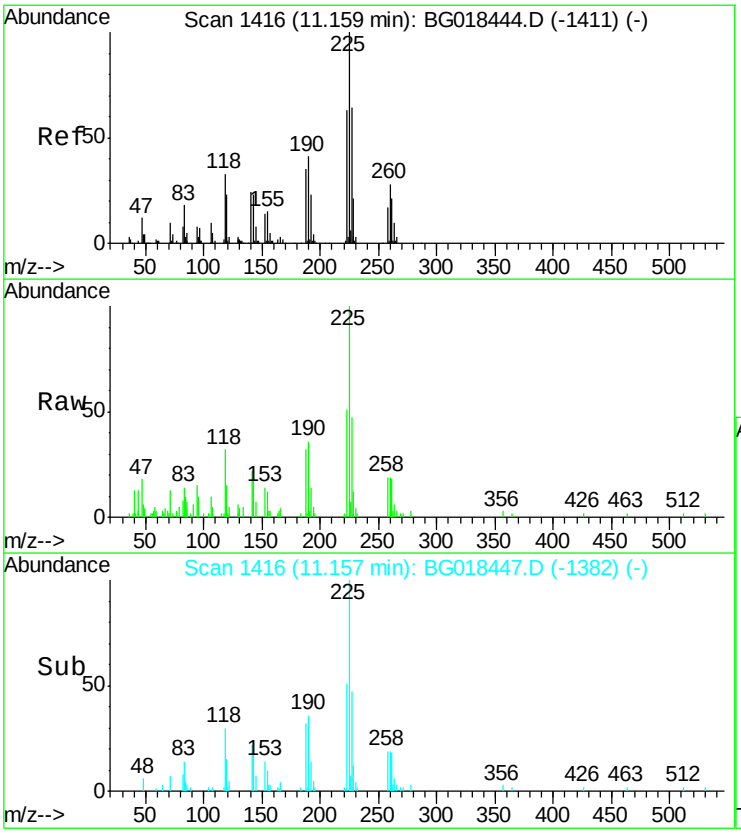
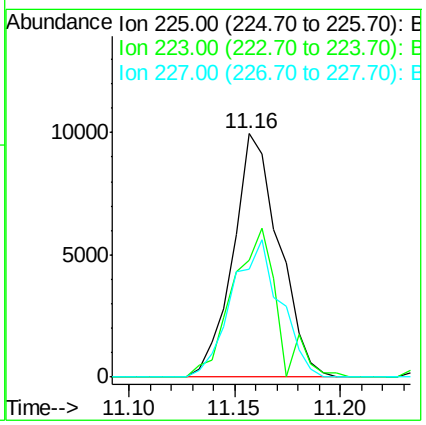


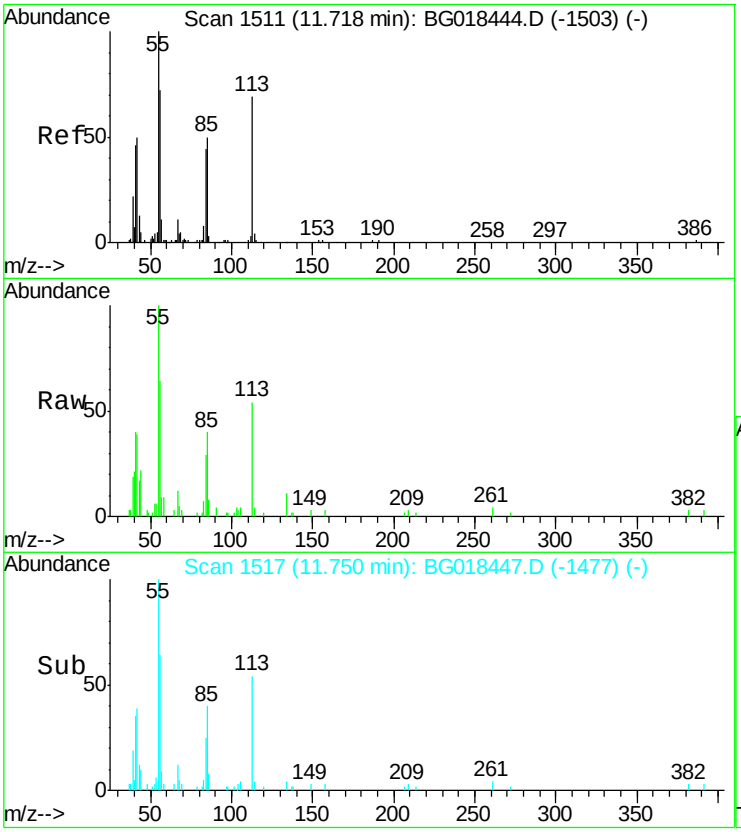


#31
Hexachlorobutadiene
Concen: 3.09 ng/ul
RT: 11.16 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:225 Resp: 15107

Ion	Ratio	Lower	Upper
225	100		
223	48.2	45.8	68.8
227	44.2	54.0	81.0#

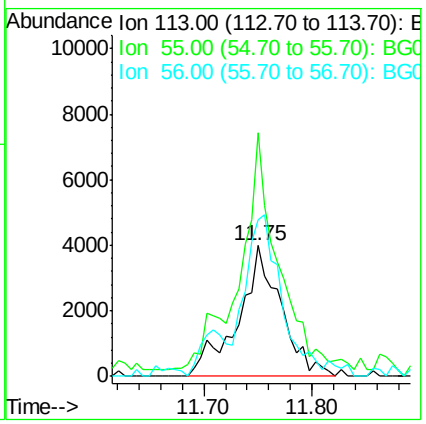




#32
Caprolactam
Concen: 3.49 ng/ul m
RT: 11.75 min Scan# 1517
Delta R.T. 0.03 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:113 Resp: 10864

Ion	Ratio	Lower	Upper
113	100		
55	186.8	124.2	186.4#
56	120.1	98.2	147.4



Instrument :
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ClientSampleId :
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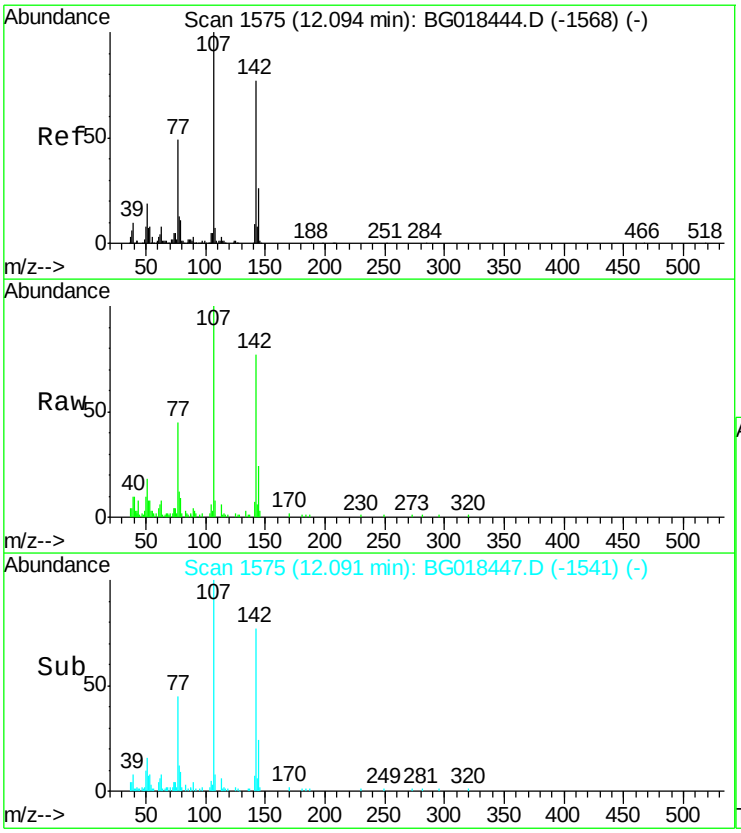
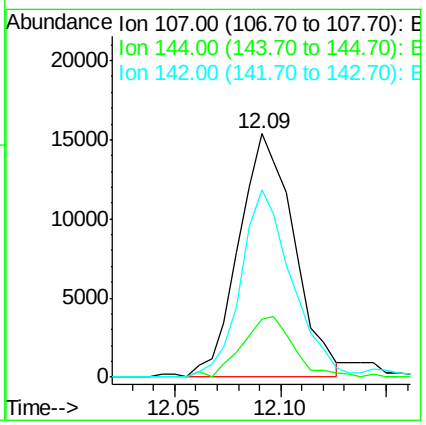
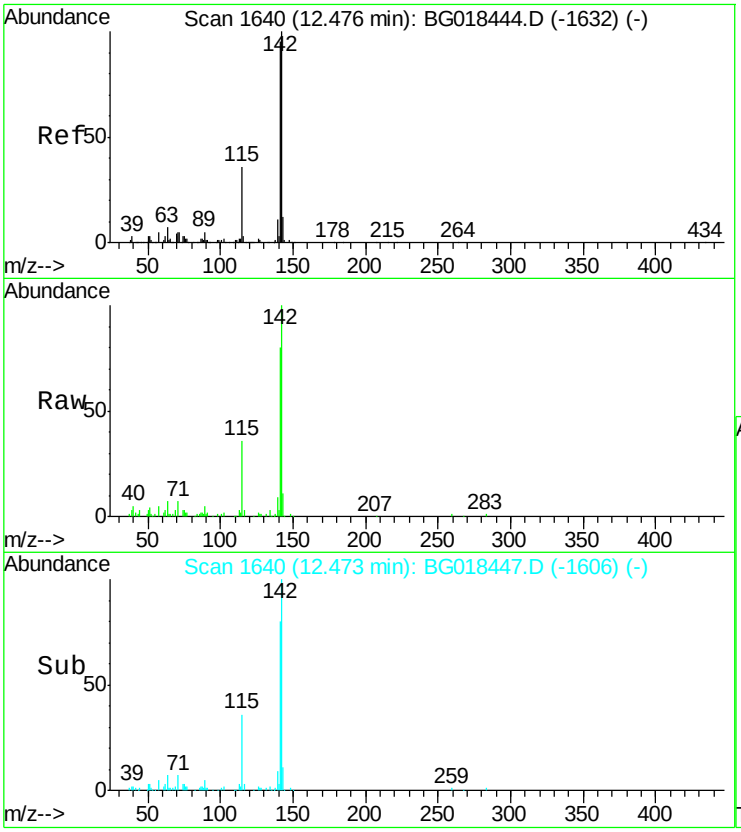


#33
4-Chloro-3-methylphenol
Concen: 3.11 ng/ul
RT: 12.09 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:107 Resp: 27843

Ion	Ratio	Lower	Upper
107	100		
144	24.1	21.4	32.2
142	76.8	66.0	99.0





#34
2-Methylnaphthalene
Concen: 3.25 ng/ul
RT: 12.47 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:142 Resp: 60948

Ion	Ratio	Lower	Upper
142	100		
141	80.4	78.0	117.0

Instrument :
BNA_G
ClientSampleId :
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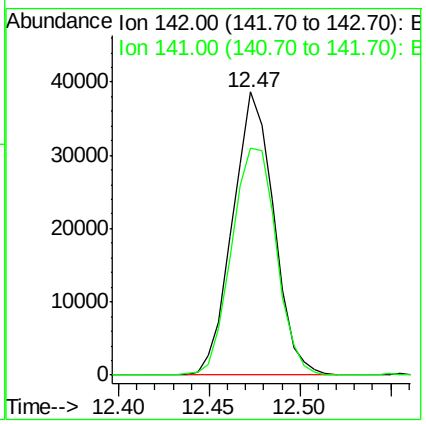
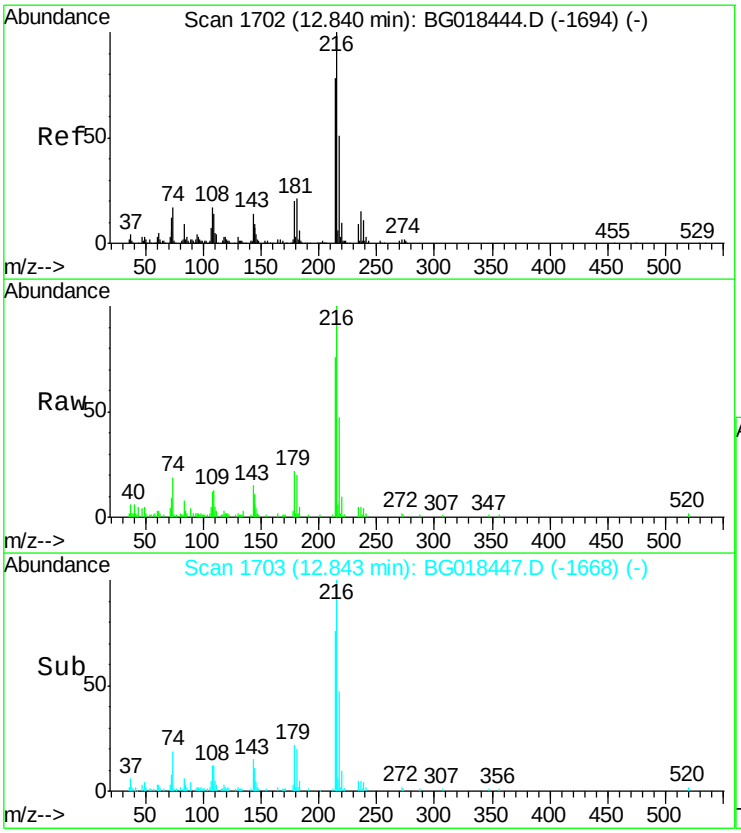
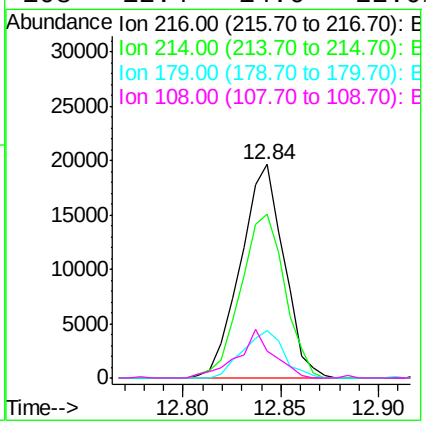


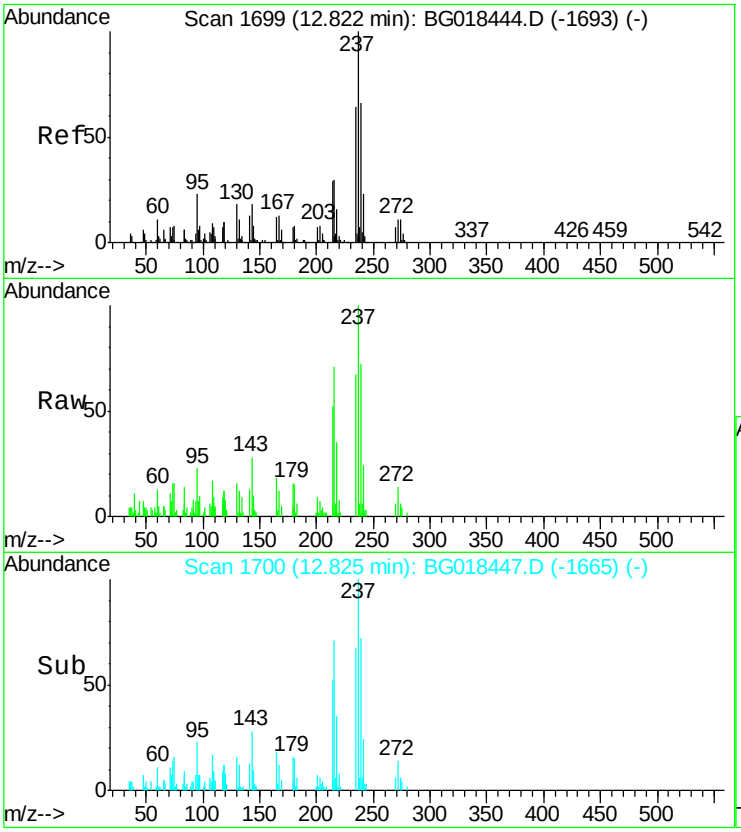


#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.01 ng/ul
RT: 12.84 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:216 Resp: 30197

Ion	Ratio	Lower	Upper
216	100		
214	76.5	62.5	93.7
179	22.0	18.2	27.2
108	12.4	14.6	22.0#





#38
Hexachlorocyclopentadiene
Concen: 2.49 ng/ul
RT: 12.83 min Scan# 1700
Delta R.T. 0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:237 Resp: 14870

Ion	Ratio	Lower	Upper
237	100		
235	62.8	45.6	68.4
272	13.0	9.0	13.4

Instrument :
BNA_G
ClientSampleId :
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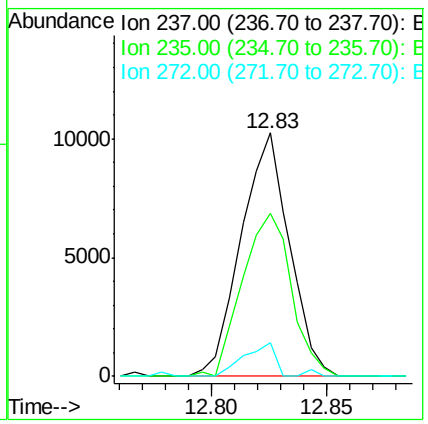
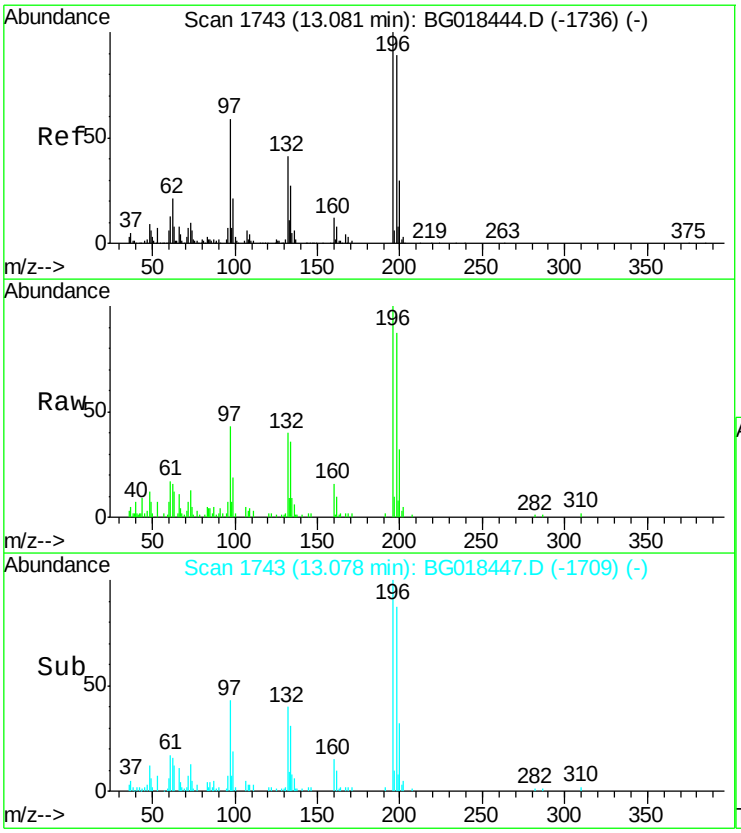
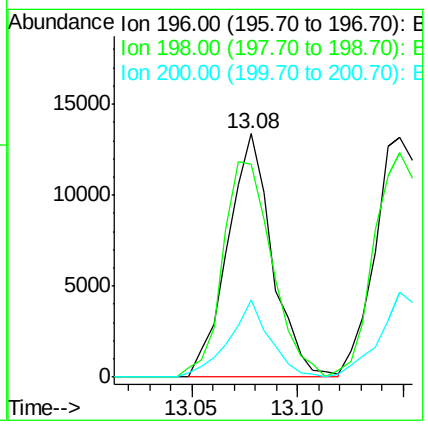


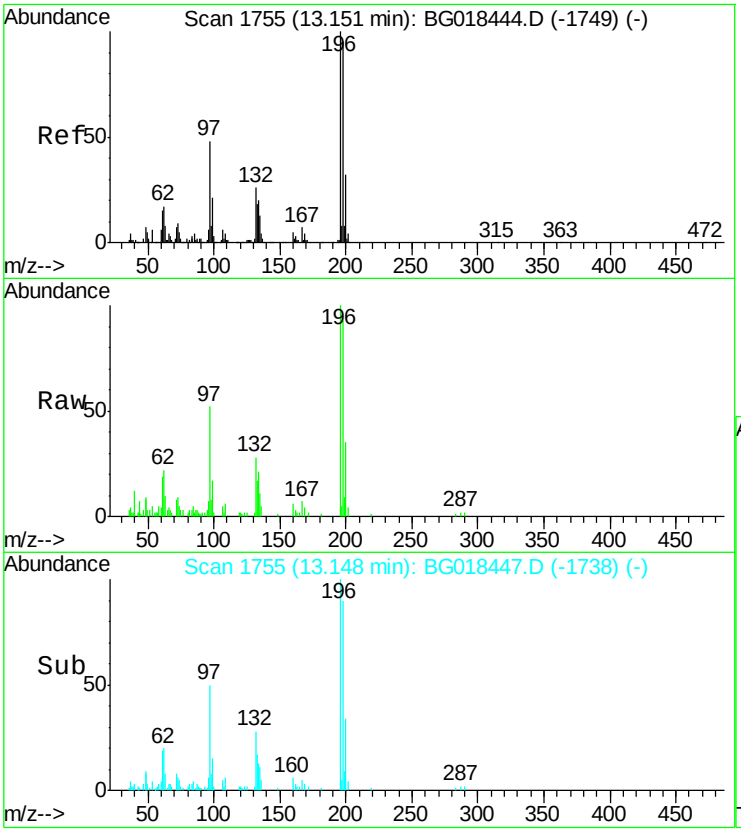


#39
2,4,6-Trichlorophenol
Concen: 2.86 ng/ul
RT: 13.08 min Scan# 1743
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:196 Resp: 19538

Ion	Ratio	Lower	Upper
196	100		
198	87.3	78.5	117.7
200	31.9	25.1	37.7

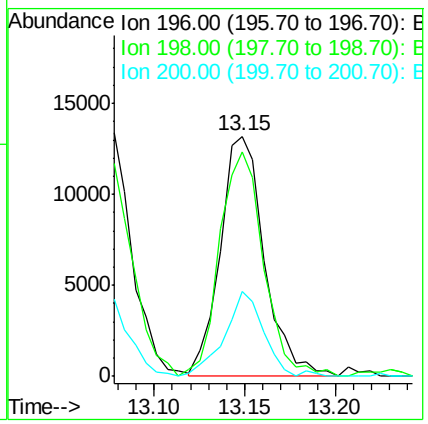




#40
2,4,5-Trichlorophenol
Concen: 3.02 ng/ul
RT: 13.15 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:196 Resp: 22220

Ion	Ratio	Lower	Upper
196	100		
198	89.3	74.2	111.4
200	33.7	25.2	37.8



Instrument :
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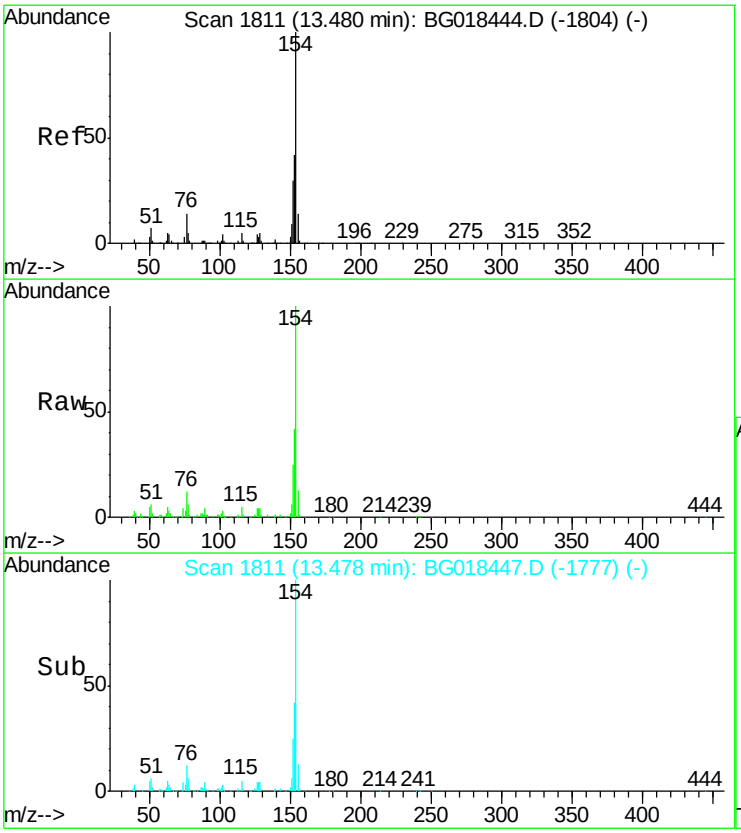
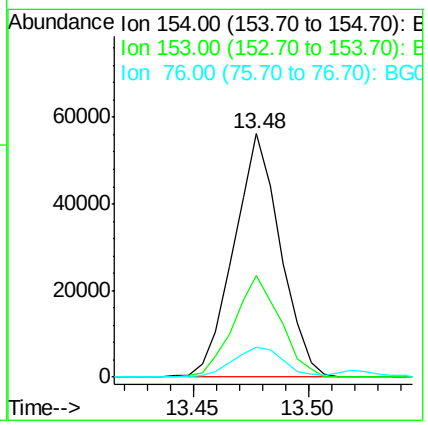
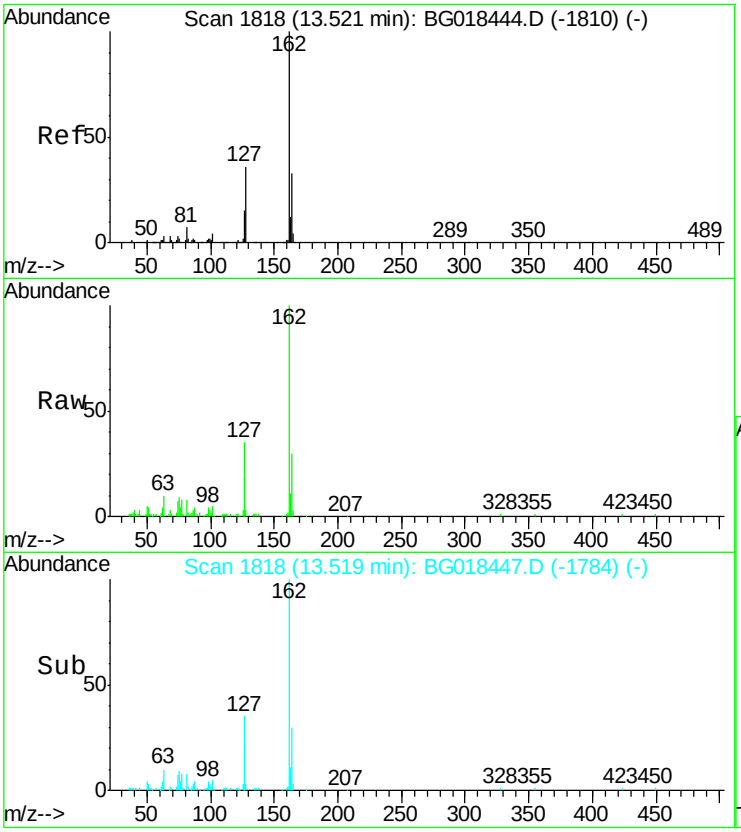


#41
1,1'-Biphenyl
Concen: 3.02 ng/ul
RT: 13.48 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:154 Resp: 78814

Ion	Ratio	Lower	Upper
154	100		
153	41.8	35.2	52.8
76	12.3	10.6	16.0

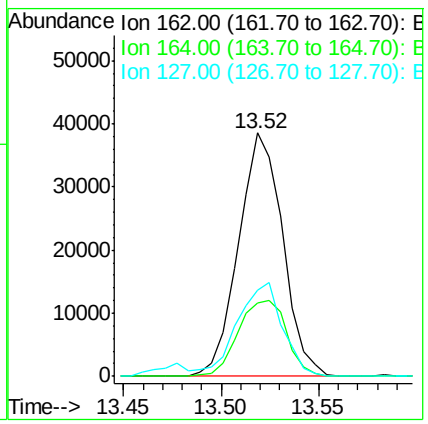




#42
2-Chloronaphthalene
Concen: 2.98 ng/ul
RT: 13.52 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:162 Resp: 60397

Ion	Ratio	Lower	Upper
162	100		
164	30.0	24.8	37.2
127	35.2	30.3	45.5



Instrument :
BNA_G
ClientSampleId :
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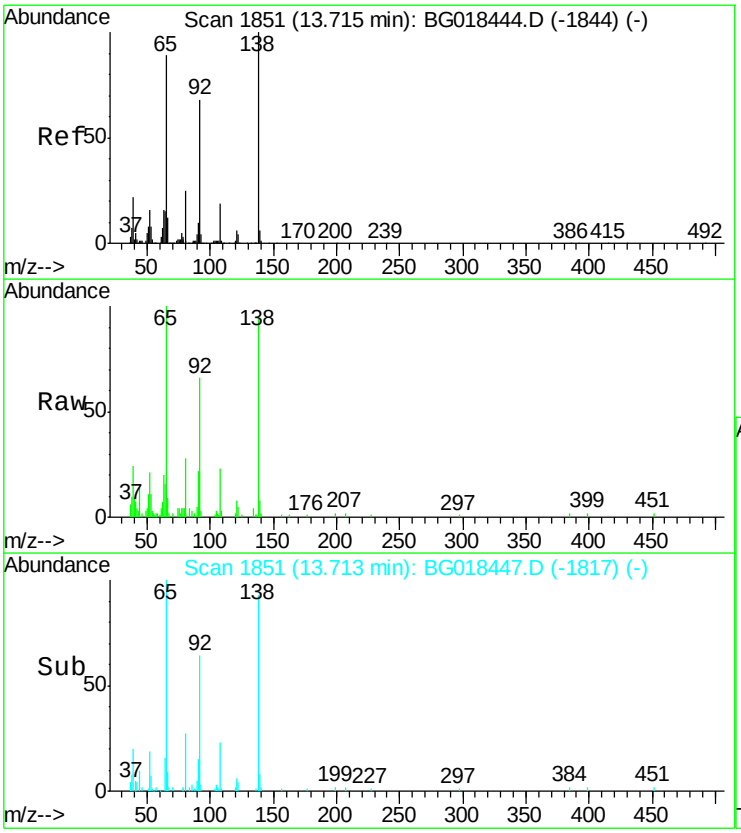
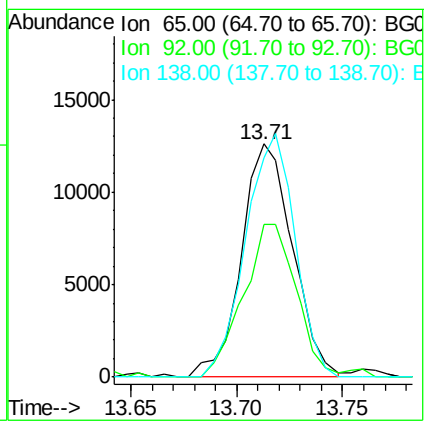
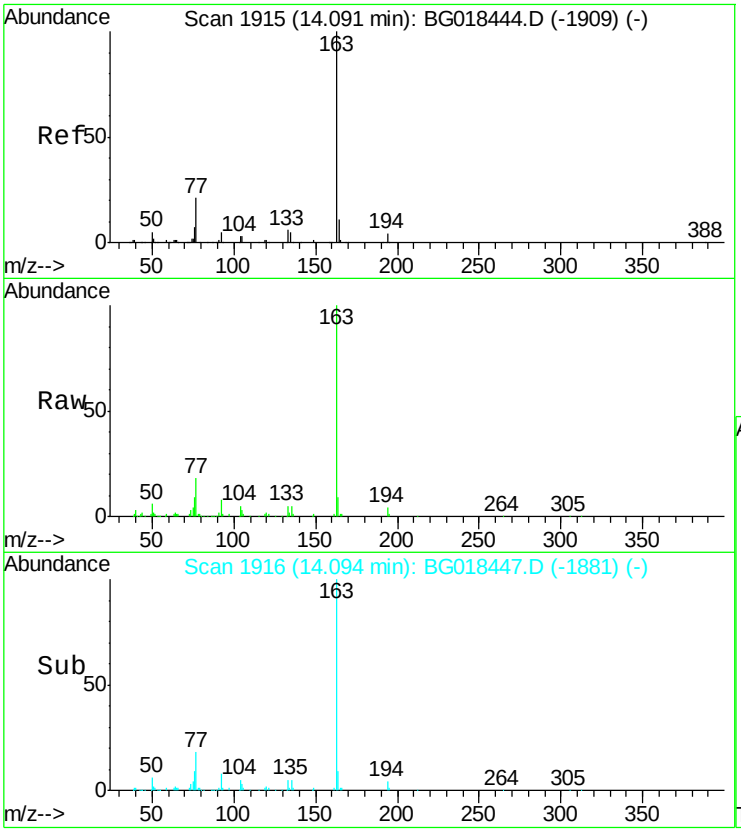


#43
2-Nitroaniline
Concen: 3.24 ng/ul
RT: 13.71 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion: 65 Resp: 21224

Ion	Ratio	Lower	Upper
65	100		
92	65.6	51.1	76.7
138	94.2	75.1	112.7

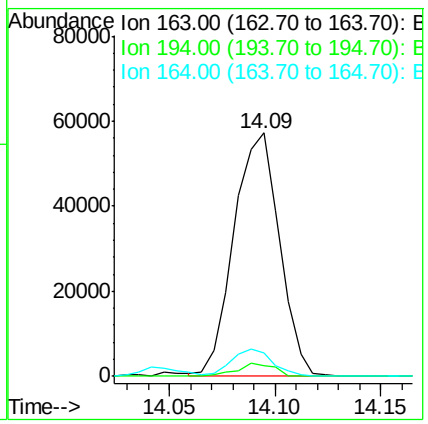




#45
Dimethylphthalate
Concen: 3.30 ng/ul
RT: 14.09 min Scan# 1916
Delta R.T. 0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:163 Resp: 85632

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.9	4.3#
164	9.5	7.7	11.5



Instrument :
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ClientSampleId :
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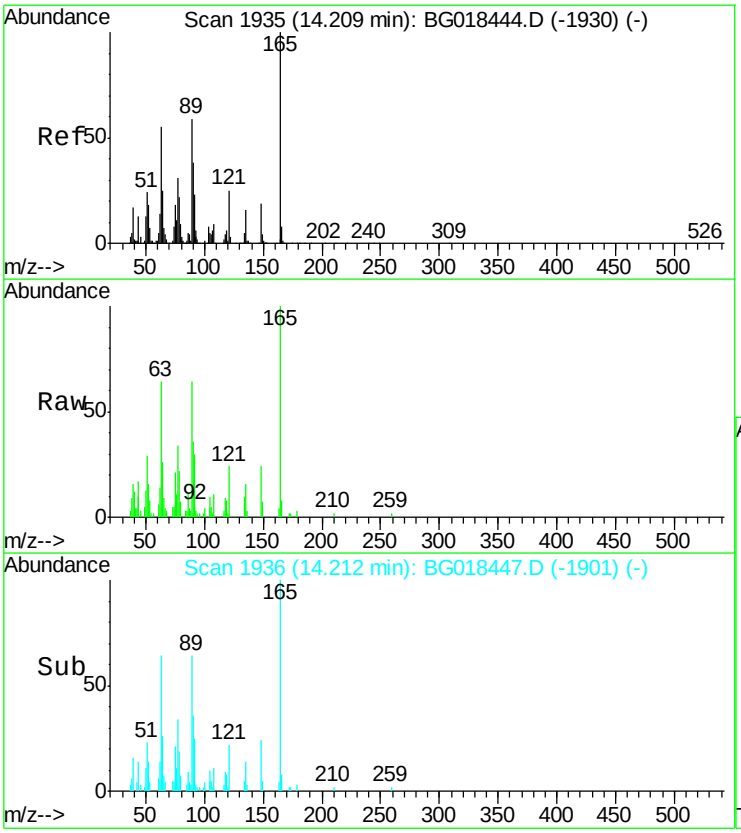
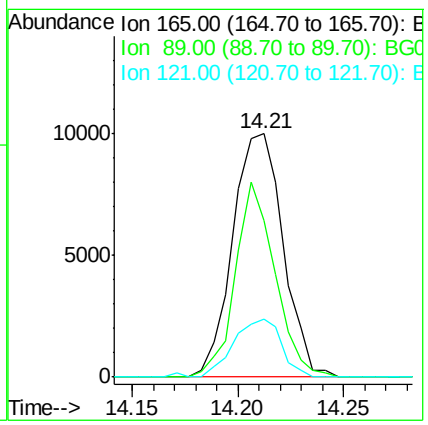
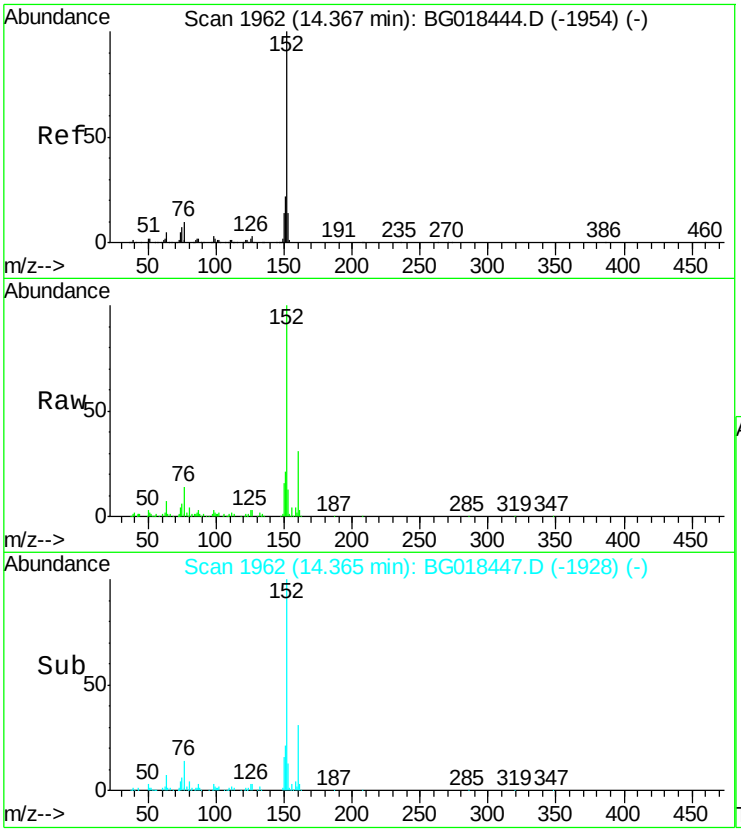


#46
2,6-Dinitrotoluene
Concen: 3.20 ng/ul
RT: 14.21 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:165 Resp: 16537

Ion	Ratio	Lower	Upper
165	100		
89	64.4	50.2	75.2
121	23.7	19.4	29.2

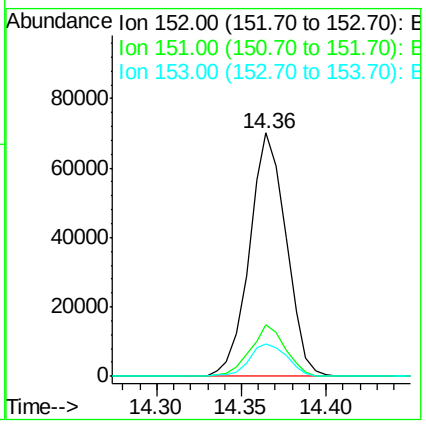




#48
Acenaphthylene
Concen: 3.19 ng/ul
RT: 14.36 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:152 Resp: 106037

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.4	23.2
153	13.3	10.8	16.2



Instrument :
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ClientSampleId :
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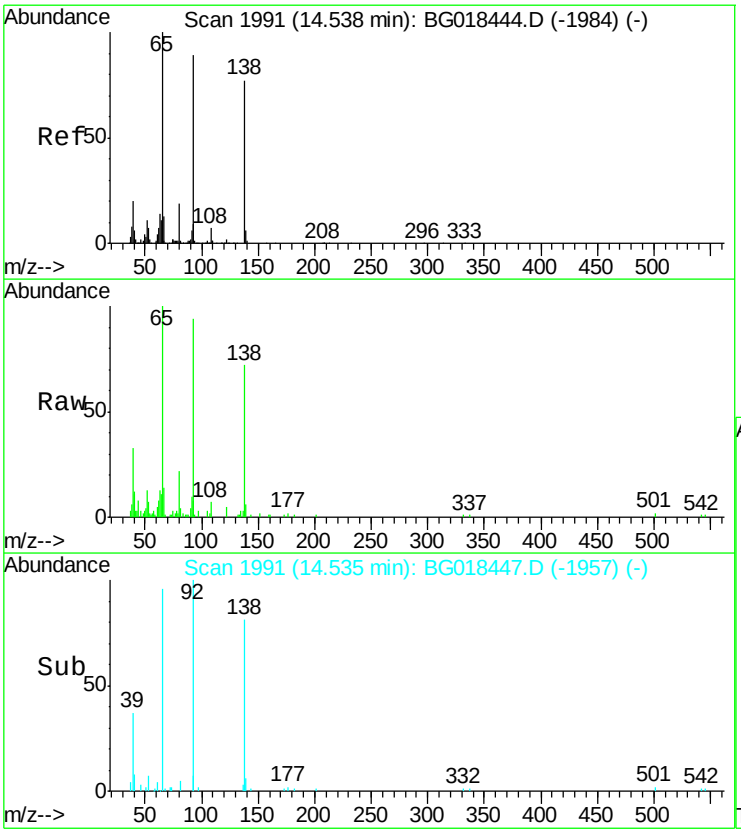
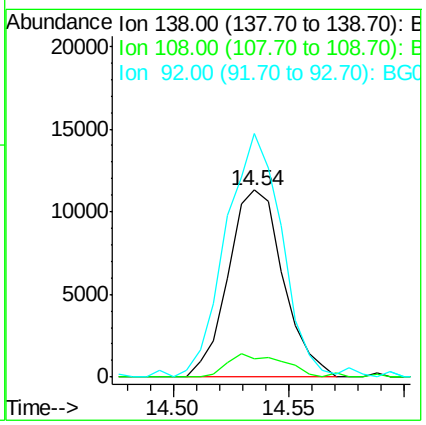
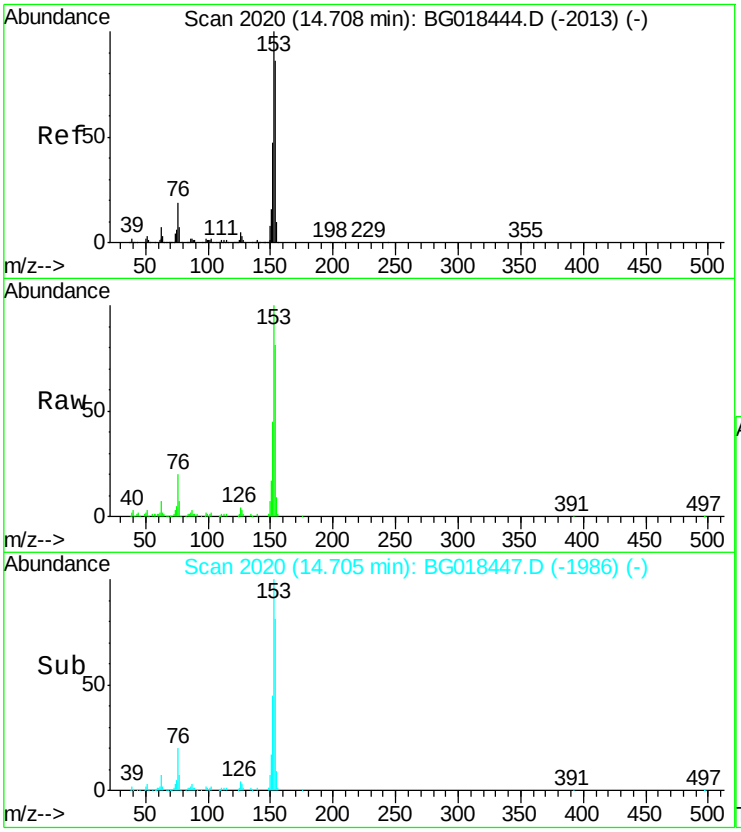


#49
3-Nitroaniline
Concen: 3.55 ng/ul
RT: 14.54 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:138 Resp: 18736

Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.4	14.0
92	130.2	102.8	154.2

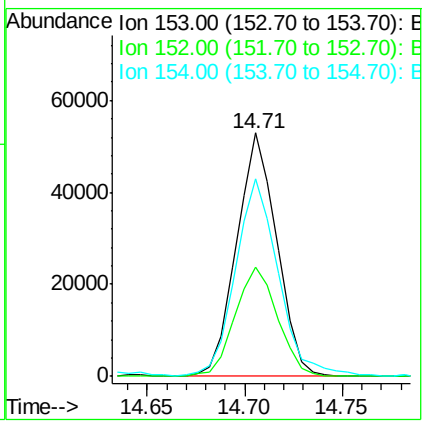




#50
Acenaphthene
Concen: 3.23 ng/ul
RT: 14.71 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:153 Resp: 75305

Ion	Ratio	Lower	Upper
153	100		
152	44.6	38.2	57.4
154	81.0	68.6	103.0



Instrument :
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ClientSampleId :
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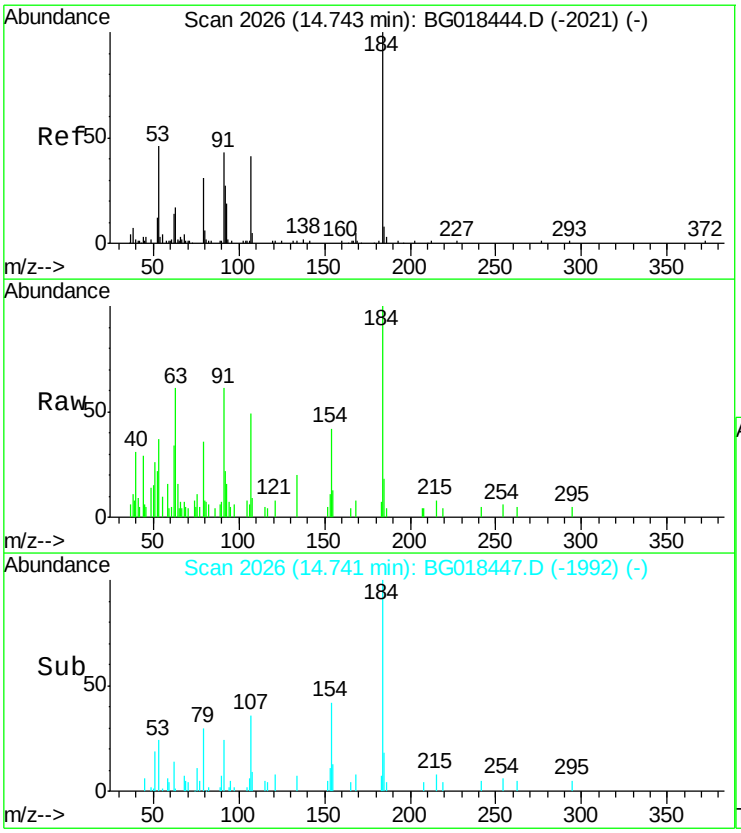
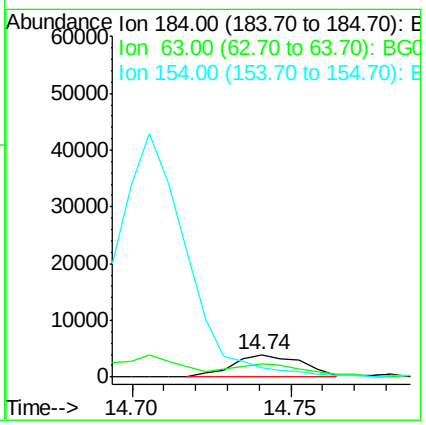
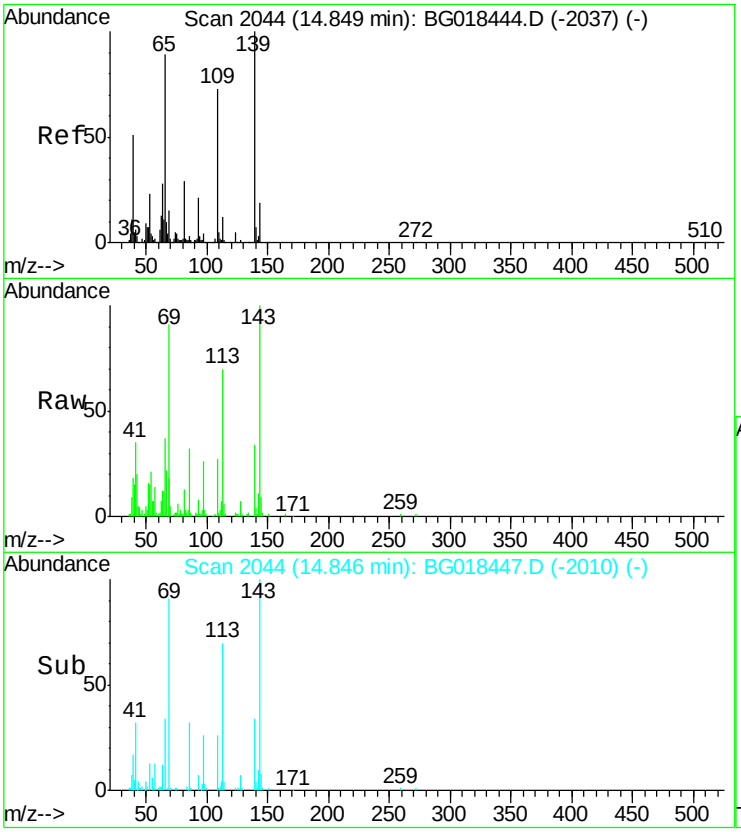


#51
2,4-Dinitrophenol
Concen: 2.38 ng/ul
RT: 14.74 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:184 Resp: 6002

Ion	Ratio	Lower	Upper
184	100		
63	61.4	55.3	82.9
154	41.6	58.2	87.2#

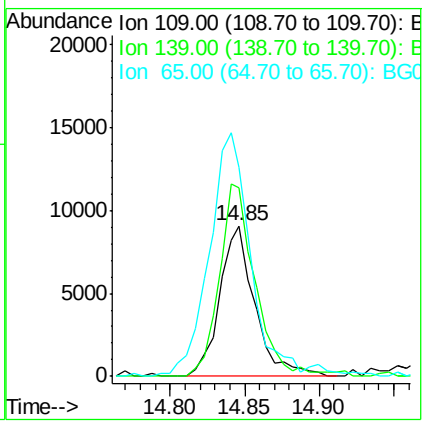




#53
4-Nitrophenol
Concen: 3.63 ng/ul
RT: 14.85 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:109 Resp: 14929

Ion	Ratio	Lower	Upper
109	100		
139	125.4	111.3	166.9
65	138.5	105.3	157.9



Instrument :
BNA_G
ClientSampleId :
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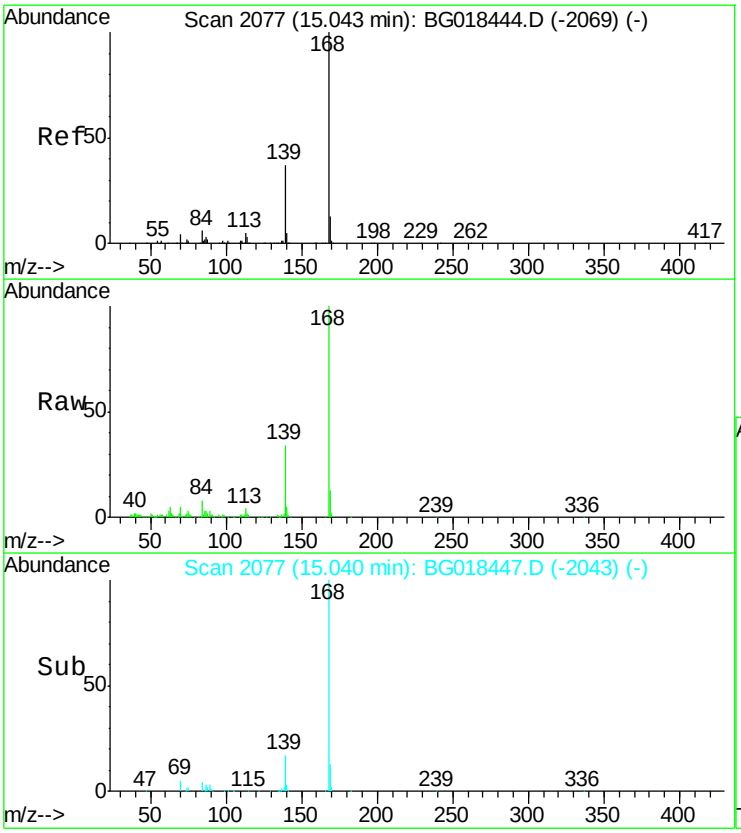
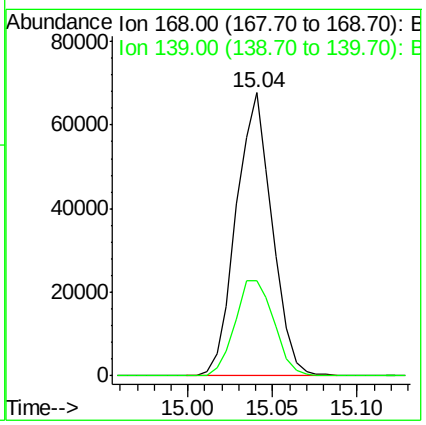
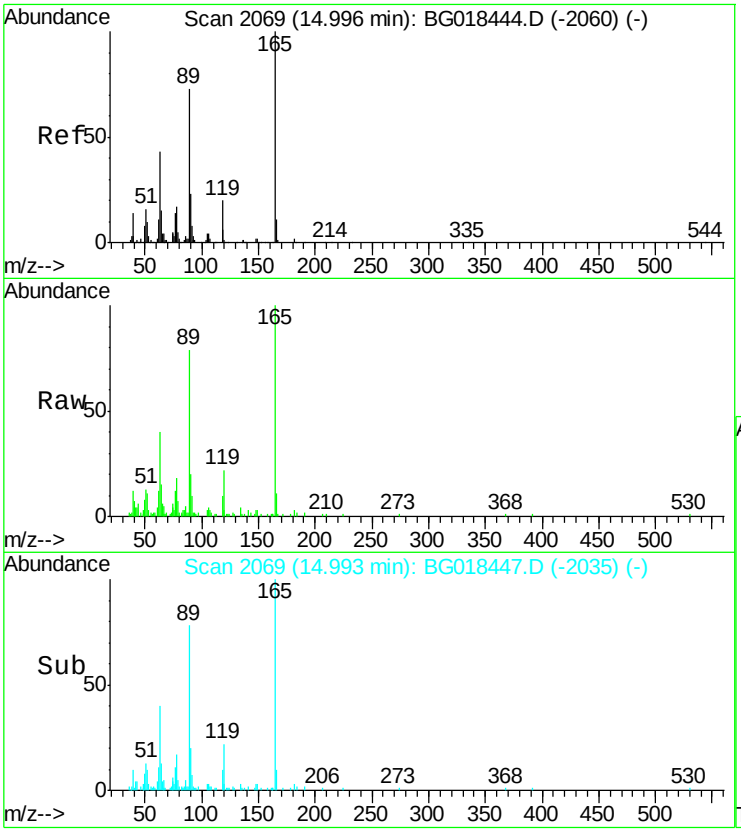


#54
Dibenzofuran
Concen: 3.28 ng/ul
RT: 15.04 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:168 Resp: 99899

Ion	Ratio	Lower	Upper
168	100		
139	33.7	29.7	44.5

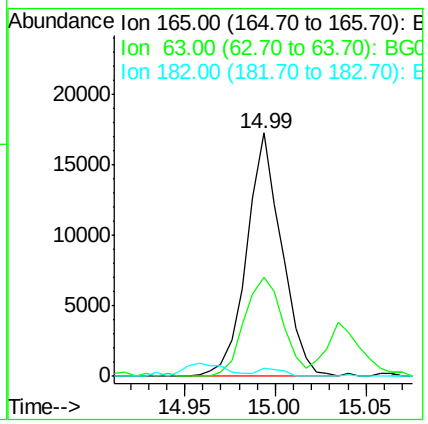




#55
2,4-Dinitrotoluene
Concen: 3.14 ng/ul
RT: 14.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:165 Resp: 23134

Ion	Ratio	Lower	Upper
165	100		
63	40.4	36.7	55.1
182	3.2	2.2	3.2



Instrument :
BNA_G
ClientSampleId :
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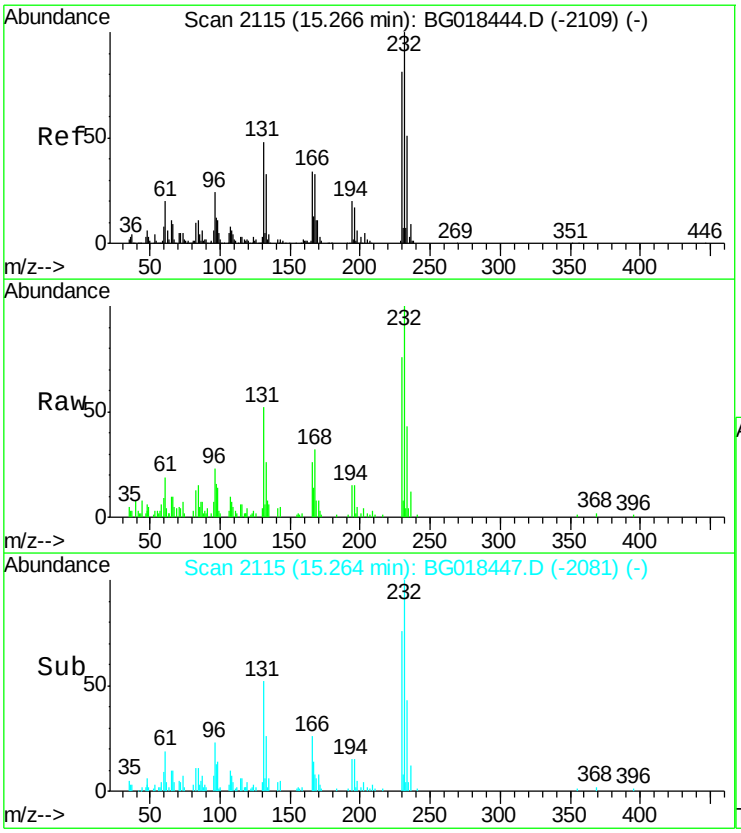
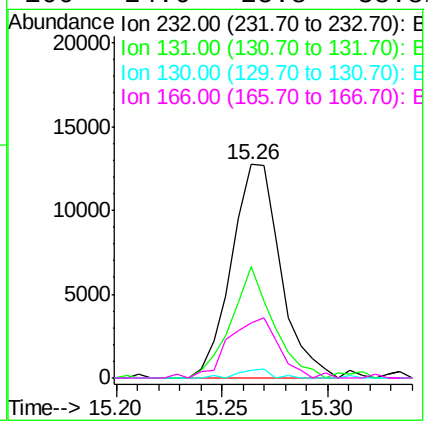
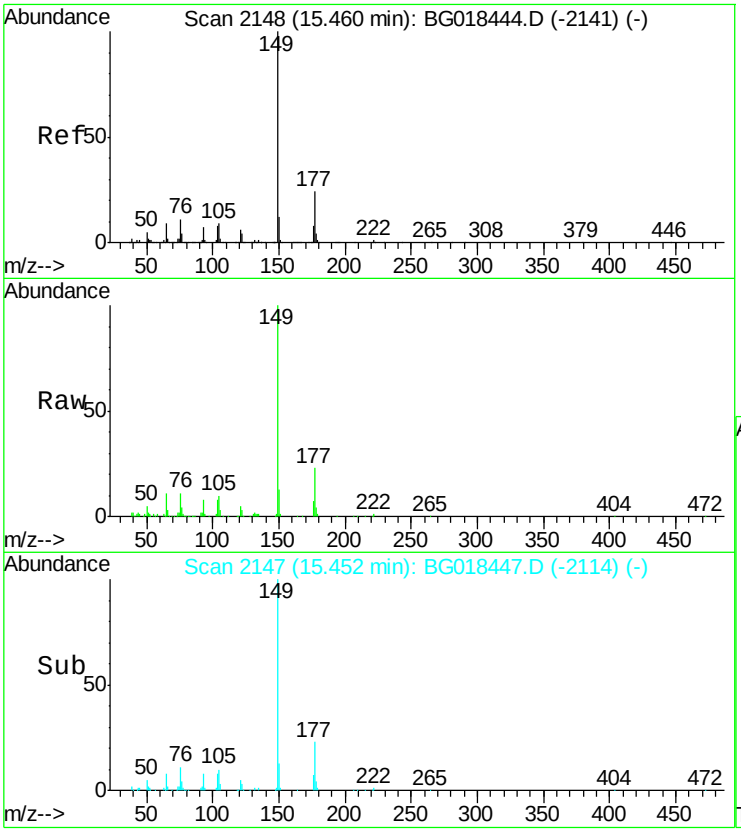


#56
2,3,4,6-Tetrachlorophenol
Concen: 3.21 ng/ul
RT: 15.26 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:232 Resp: 20522

Ion	Ratio	Lower	Upper
232	100		
131	49.9	37.4	56.0
130	3.5	1.4	2.0#
166	24.6	25.8	38.8#

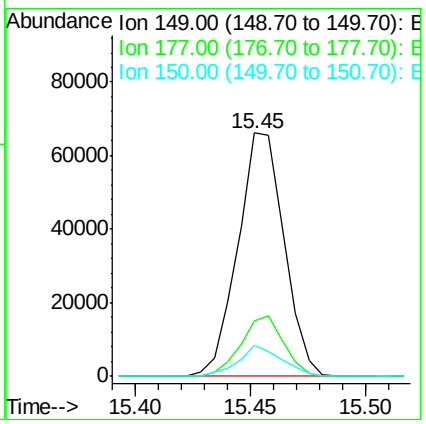




#57
Diethylphthalate
Concen: 3.37 ng/ul
RT: 15.45 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:149 Resp: 92845

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.2	27.4
150	12.8	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
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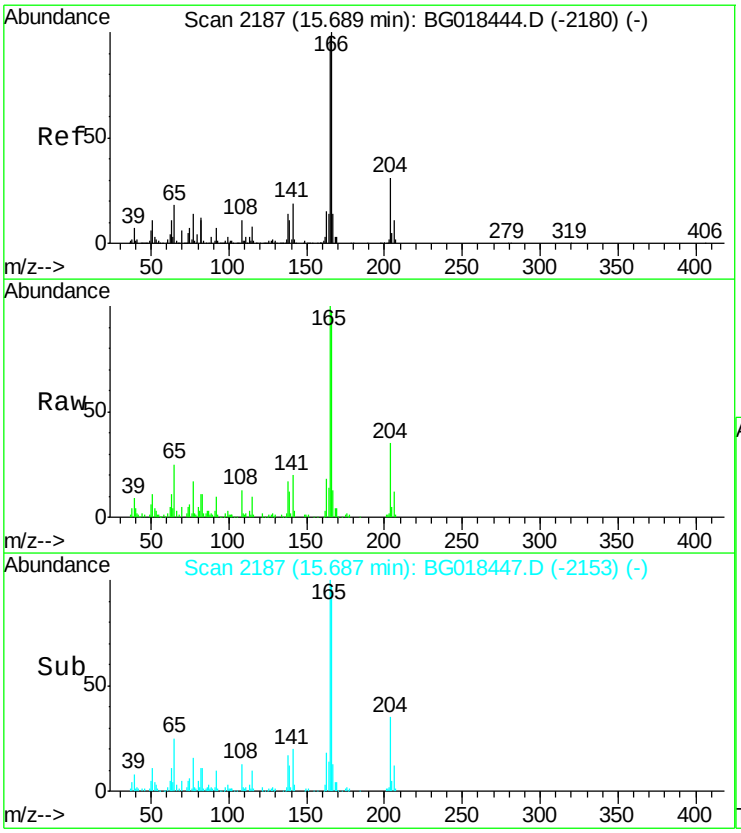
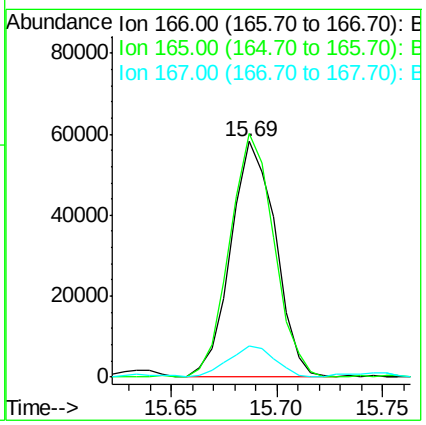
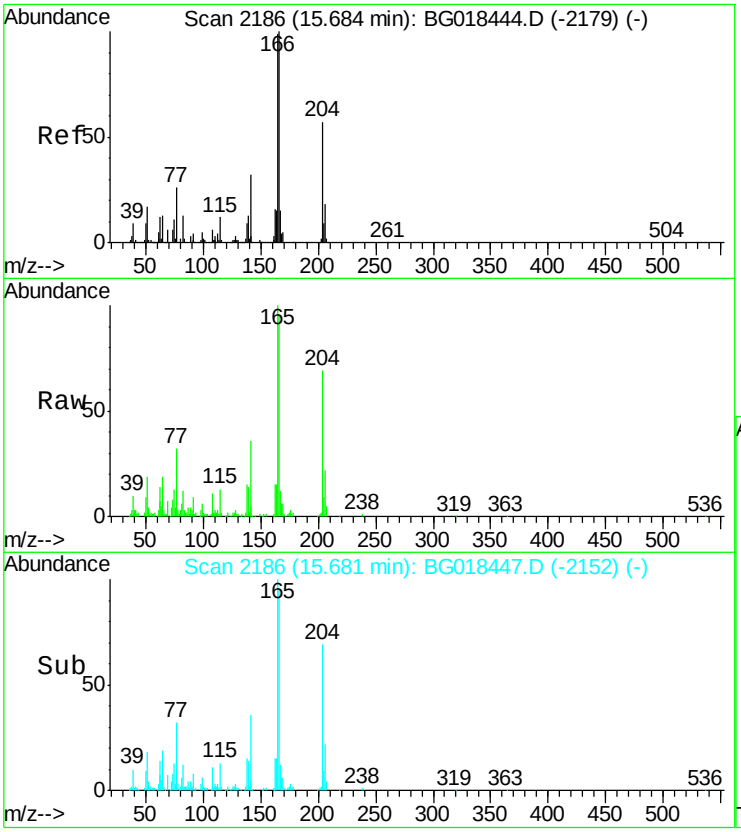


#59
Fluorene
Concen: 3.26 ng/ul
RT: 15.69 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:166 Resp: 85471

Ion	Ratio	Lower	Upper
166	100		
165	103.3	82.6	124.0
167	13.2	11.4	17.0





#60
4-Chlorophenyl-phenylether
Concen: 3.29 ng/ul
RT: 15.68 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:204 Resp: 40858

Ion	Ratio	Lower	Upper
204	100		
206	32.5	27.1	40.7
141	52.1	47.1	70.7

Instrument :
BNA_G
ClientSampleId :
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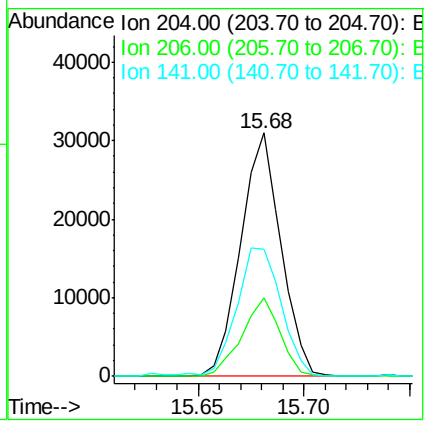
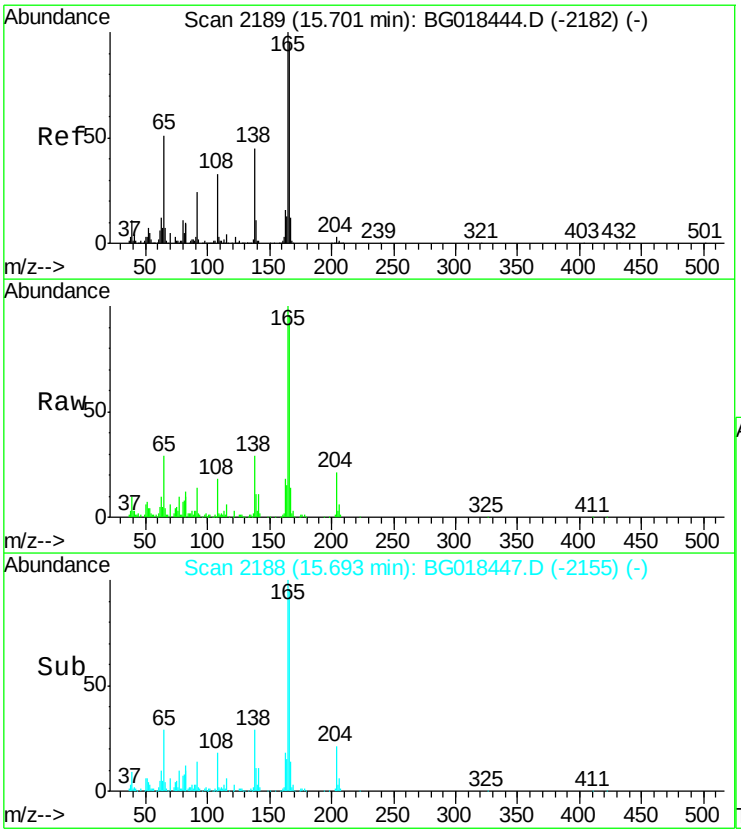
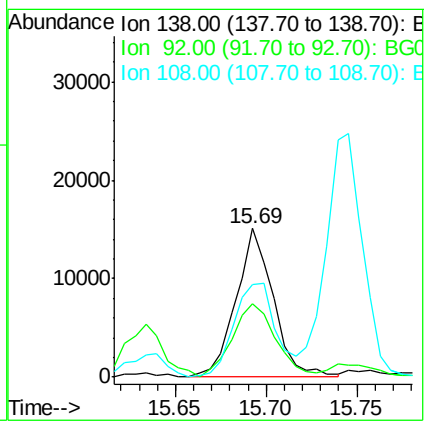


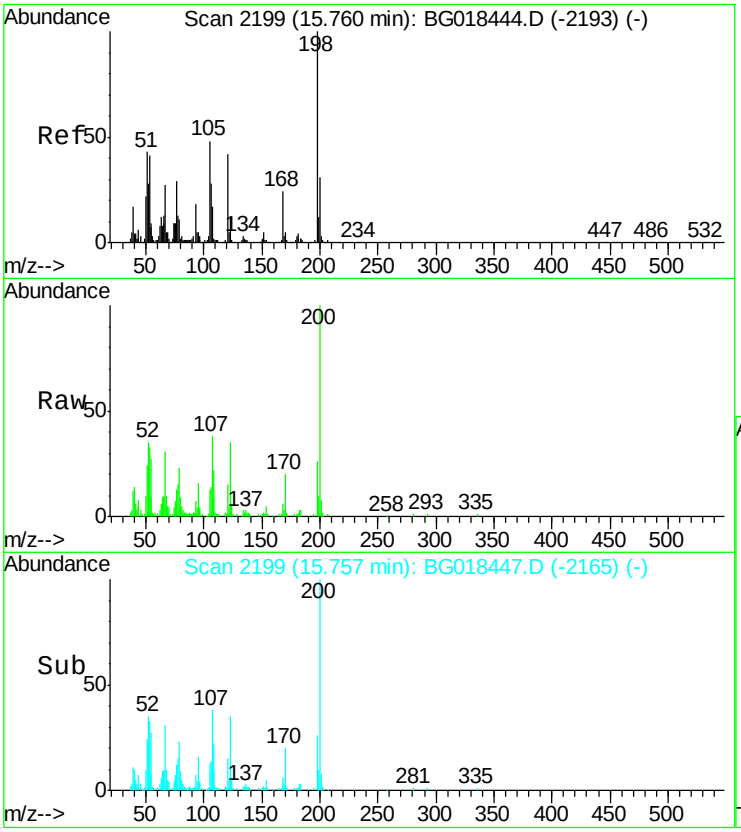


#61
4-Nitroaniline
Concen: 3.72 ng/ul
RT: 15.69 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:138 Resp: 21662

Ion	Ratio	Lower	Upper
138	100		
92	49.4	44.0	66.0
108	61.9	64.6	97.0#

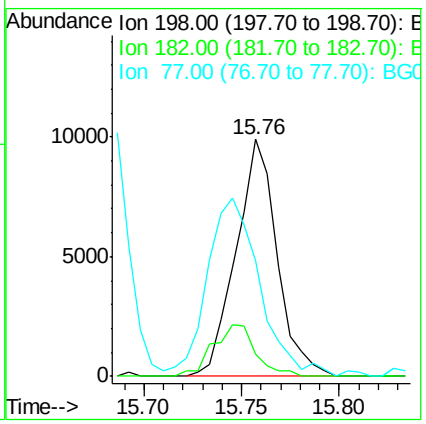




#64
4,6-Dinitro-2-methylphenol
Concen: 3.34 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:198 Resp: 14385

Ion	Ratio	Lower	Upper
198	100		
182	16.0	3.4	5.0#
77	48.7	22.4	33.6#



Instrument :
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ClientSampleId :
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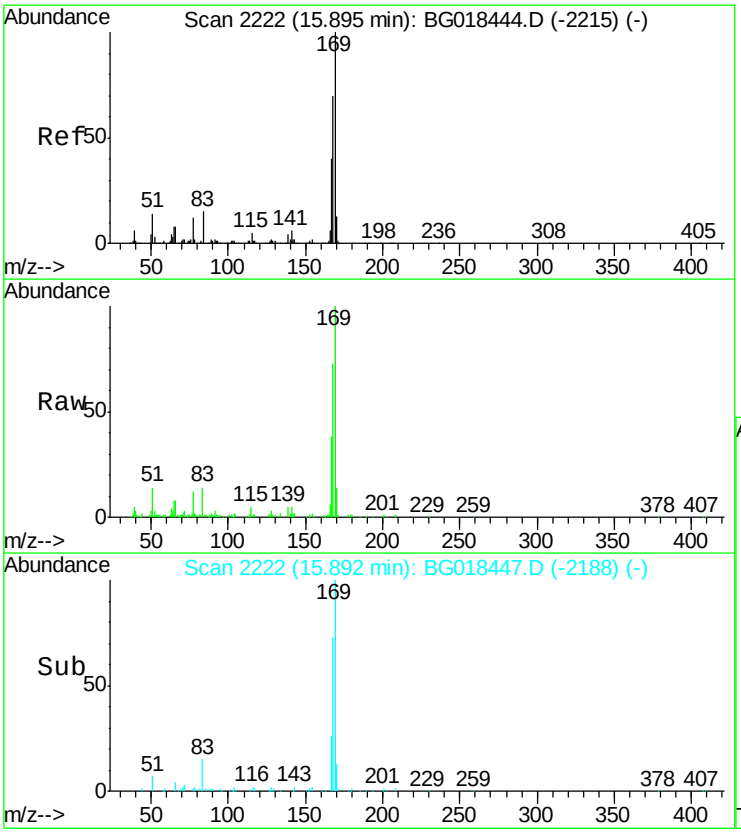
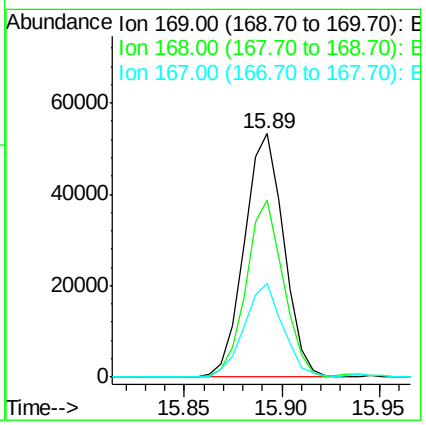
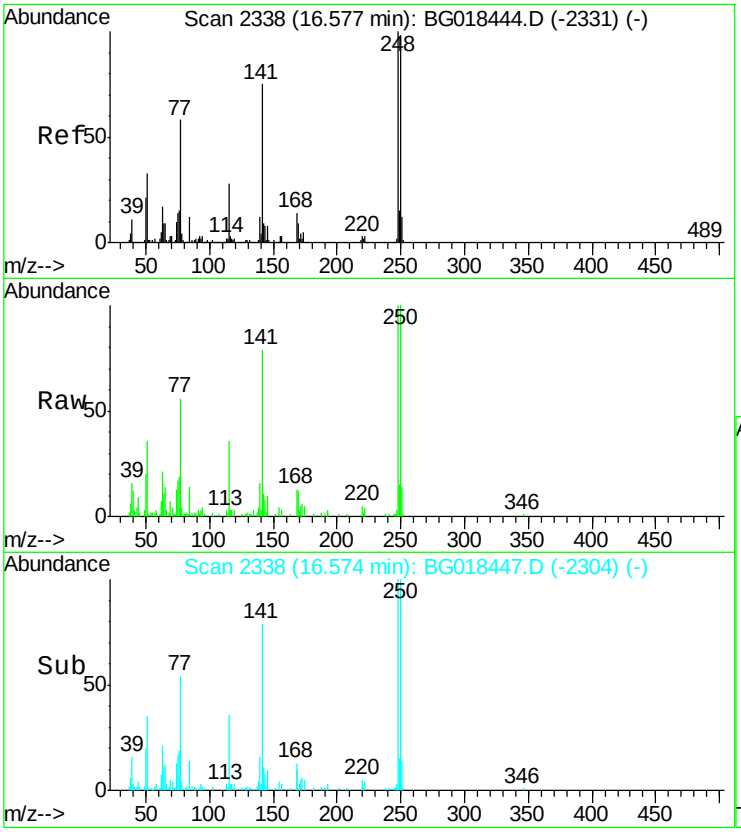


#65
N-Nitrosodiphenylamine
Concen: 3.02 ng/ul
RT: 15.89 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:169 Resp: 74528

Ion	Ratio	Lower	Upper
169	100		
168	72.8	60.2	90.2
167	38.4	33.4	50.2





#66
4-Bromophenyl-phenylether
Concen: 2.86 ng/ul
RT: 16.57 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:248 Resp: 25355

Ion	Ratio	Lower	Upper
248	100		
250	99.8	76.4	114.6
141	79.5	58.6	87.8

Instrument :
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ClientSampleId :
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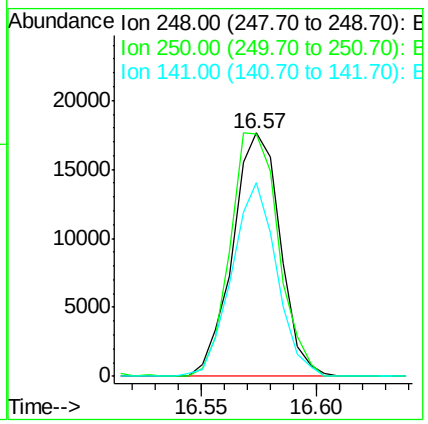
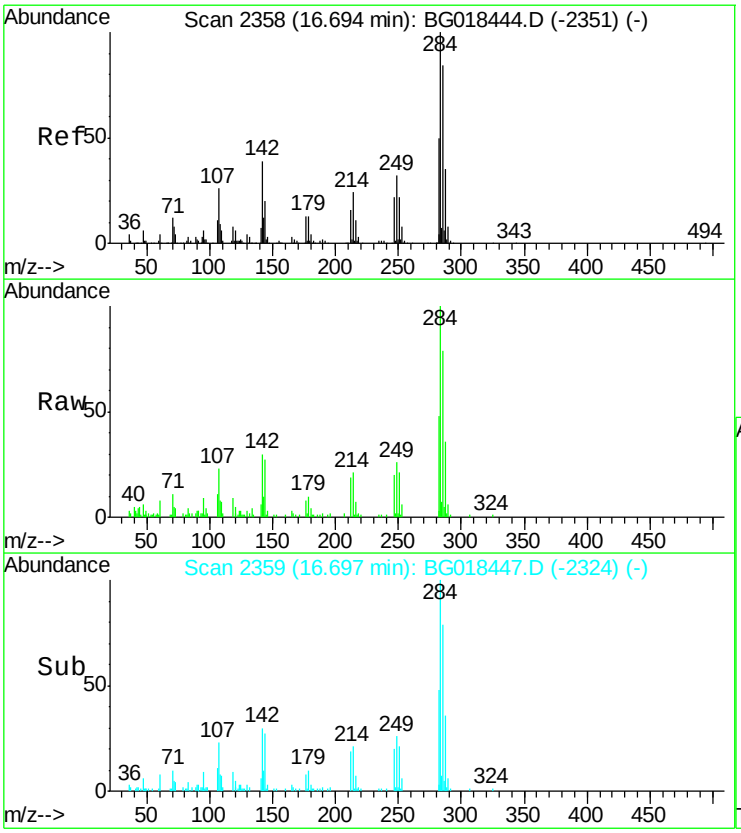
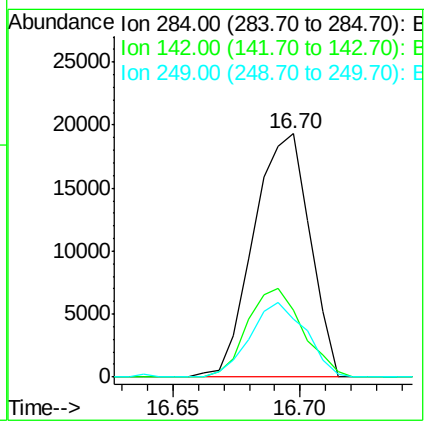


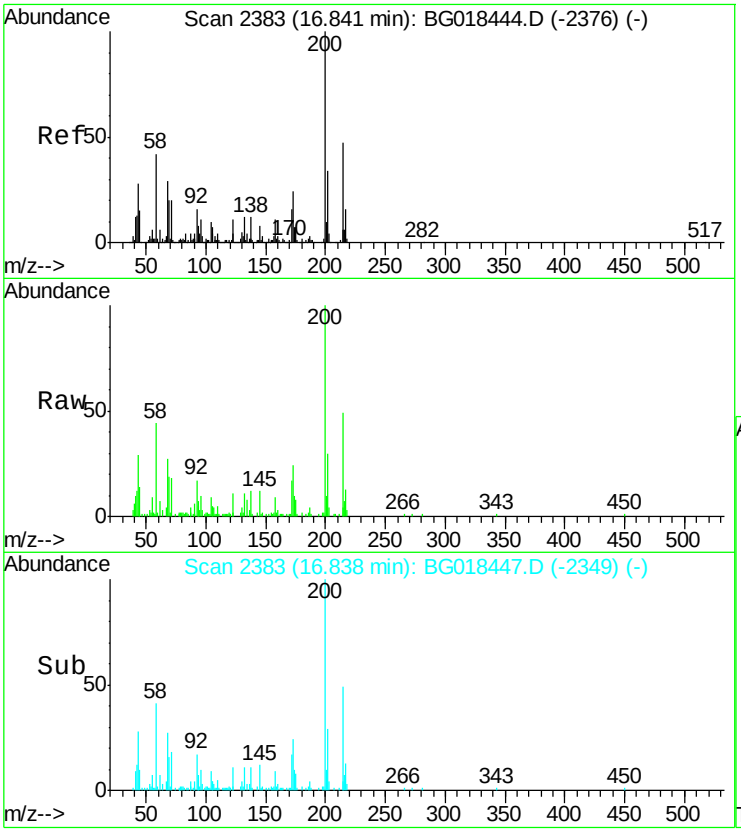


#67
Hexachlorobenzene
Concen: 3.18 ng/ul
RT: 16.70 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:284 Resp: 29876

Ion	Ratio	Lower	Upper
284	100		
142	27.6	28.6	42.8#
249	24.1	26.2	39.4#

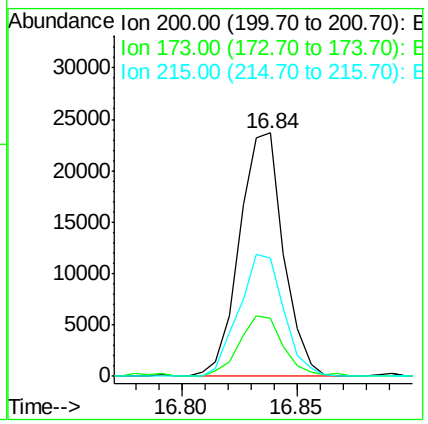




#68
Atrazine
Concen: 3.40 ng/ul
RT: 16.84 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:200 Resp: 31447

Ion	Ratio	Lower	Upper
200	100		
173	24.0	19.0	28.4
215	48.8	37.4	56.2



Instrument :
BNA_G
ClientSampleId :
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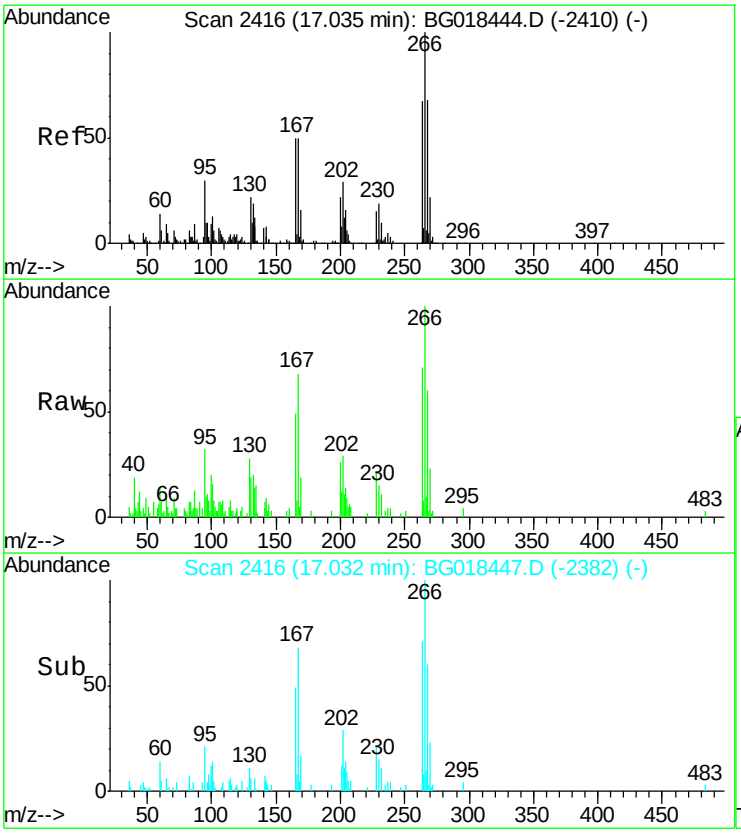
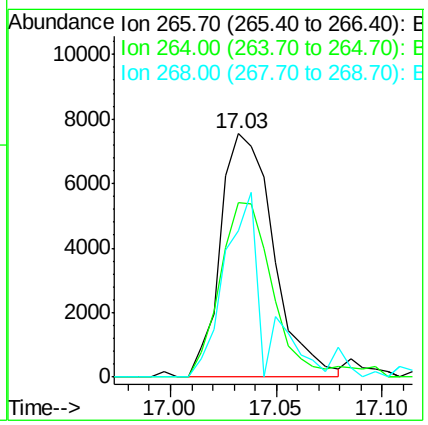
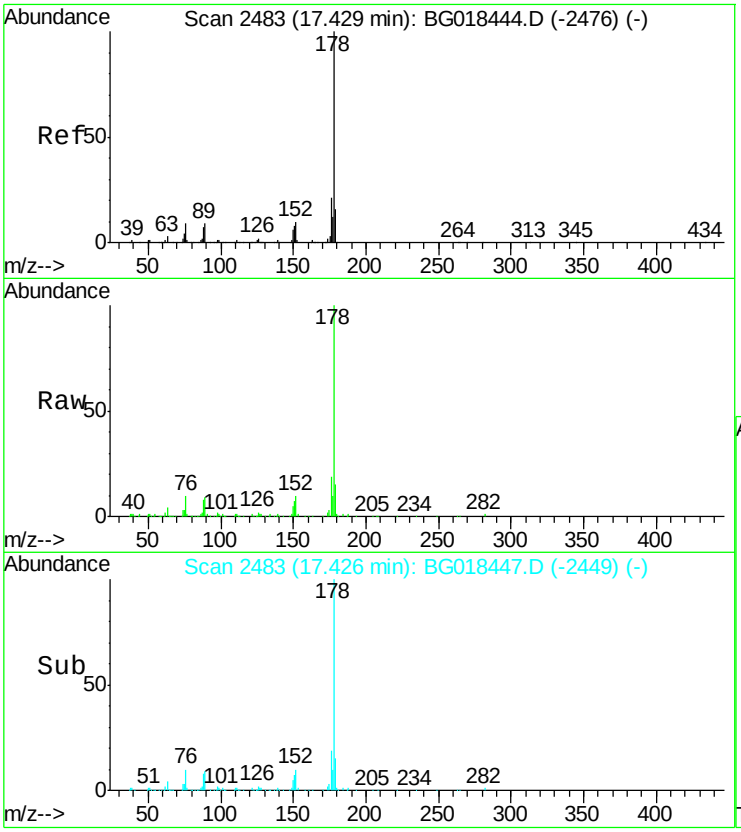


#69
Pentachlorophenol
Concen: 2.10 ng/ul
RT: 17.03 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:266 Resp: 13175

Ion	Ratio	Lower	Upper
266	100		
264	71.5	55.4	83.0
268	63.6	53.6	80.4

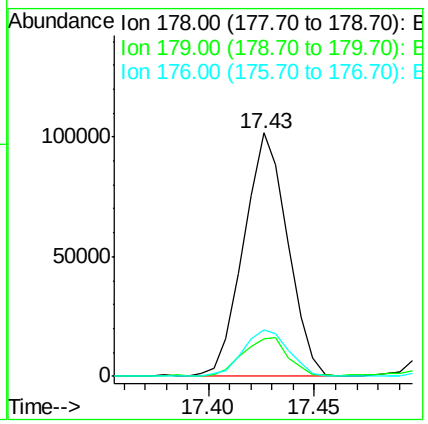




#70
Phenanthrene
Concen: 3.32 ng/ul
RT: 17.43 min Scan# 2483
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:178 Resp: 147531

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.7	20.5
176	19.2	16.6	24.8



Instrument :
BNA_G
ClientSampleId :
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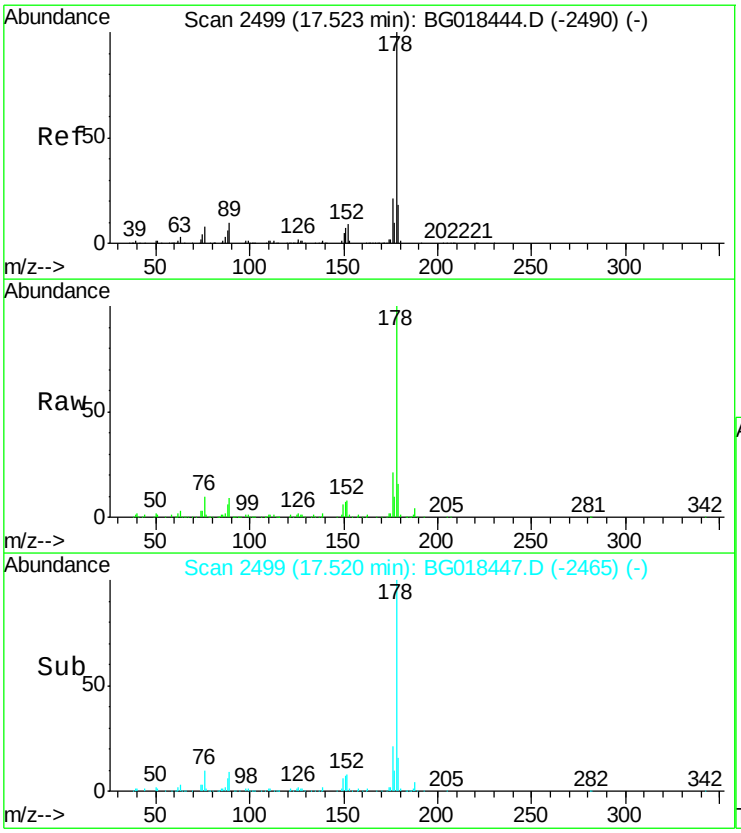
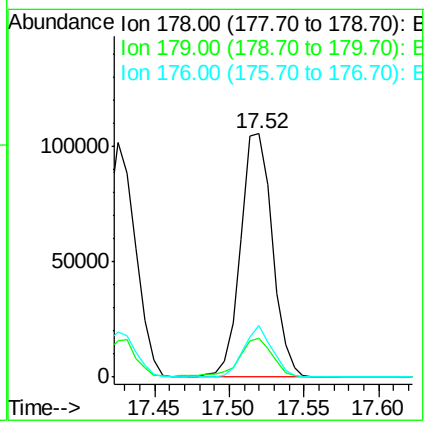
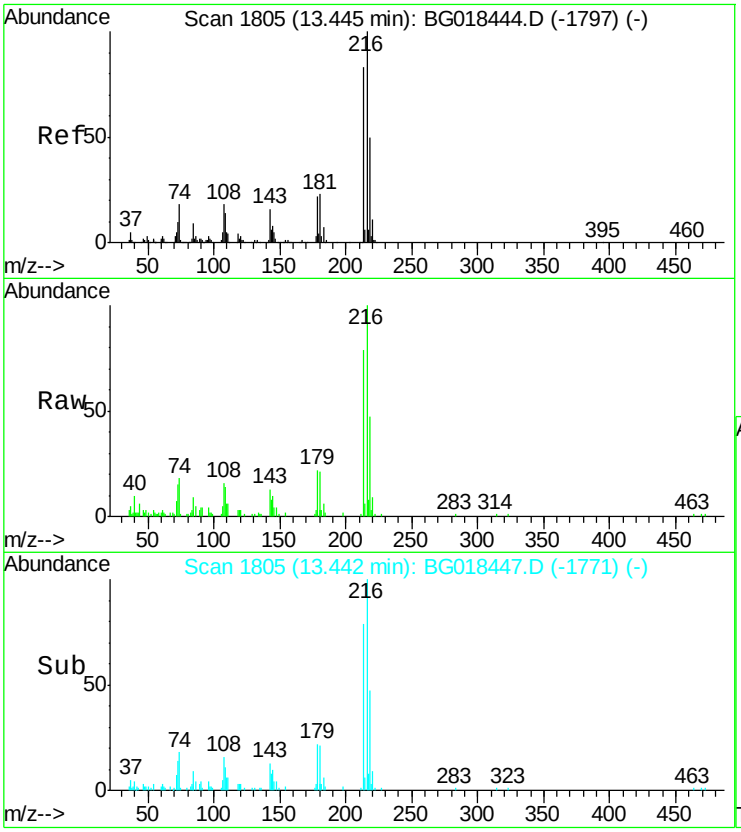


#72
Anthracene
Concen: 3.44 ng/ul
RT: 17.52 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:178 Resp: 155824

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.4
176	21.4	16.0	24.0





#73
1,2,3,4-Tetrachlorobenzene
Concen: 2.52 ng/uL
RT: 13.44 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:216 Resp: 28555

Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.0	96.0
218	47.5	38.7	58.1

Instrument :
BNA_G
ClientSampleId :
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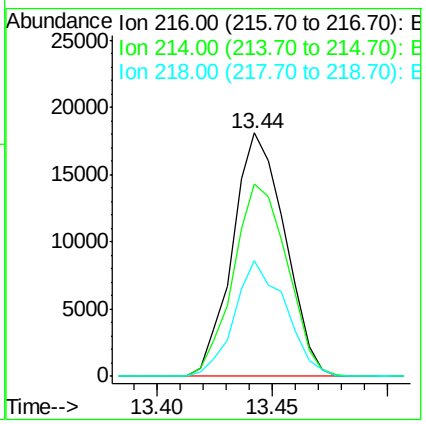
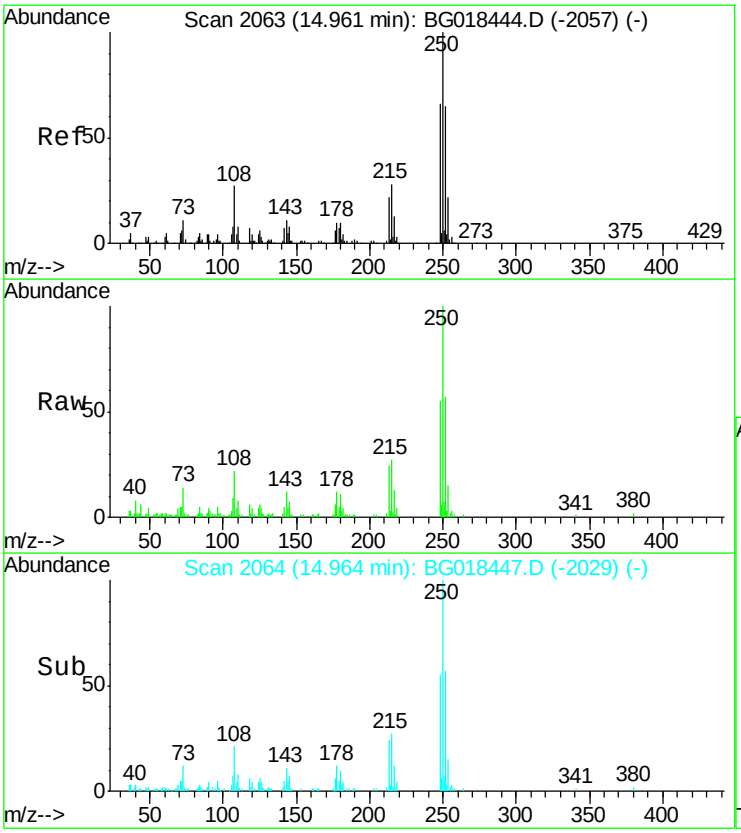
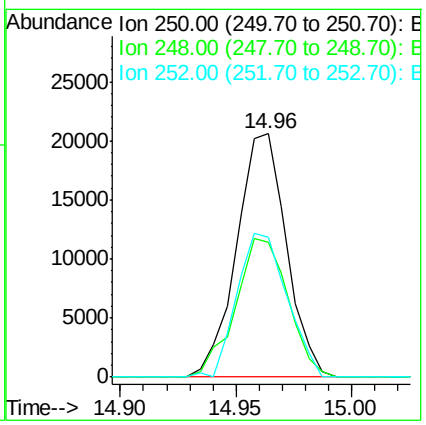


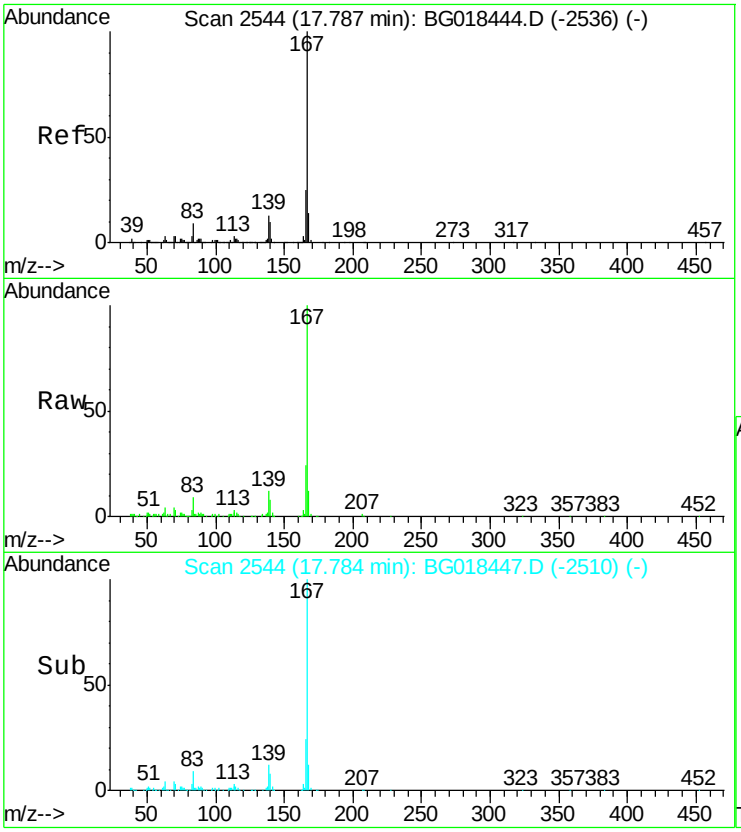


#74
Pentachlorobenzene
Concen: 2.86 ng/uL
RT: 14.96 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:250 Resp: 30987

Ion	Ratio	Lower	Upper
250	100		
248	51.8	45.8	68.8
252	55.9	50.4	75.6

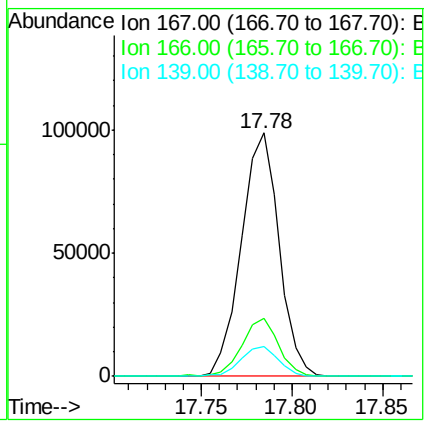




#75
Carbazole
Concen: 3.60 ng/ul
RT: 17.78 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:167 Resp: 143053

Ion	Ratio	Lower	Upper
167	100		
166	24.0	18.9	28.3
139	12.3	10.1	15.1



Instrument :
BNA_G
ClientSampleId :
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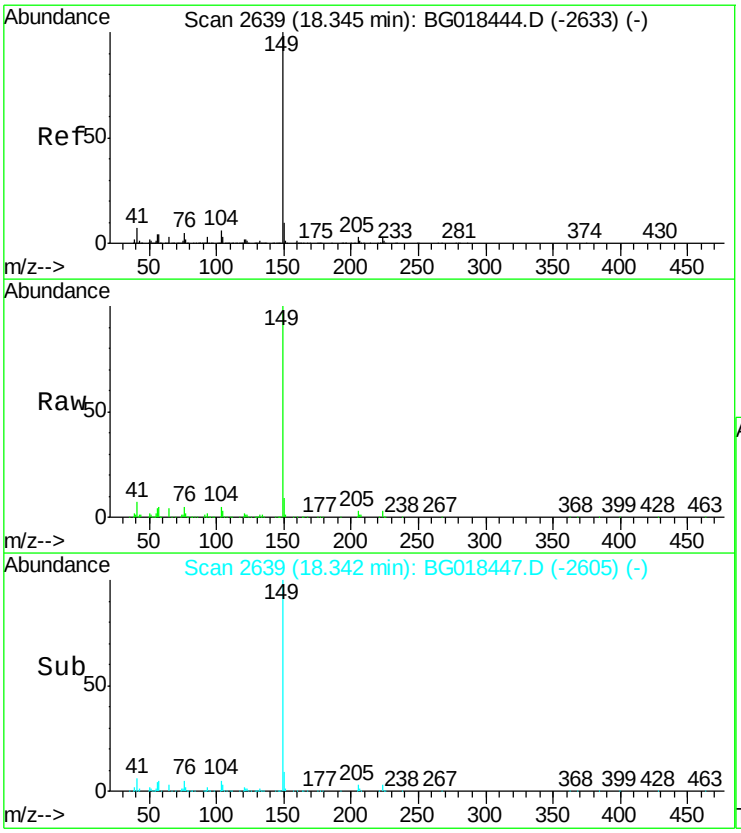
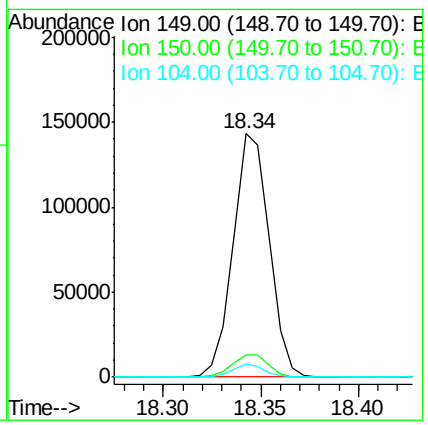
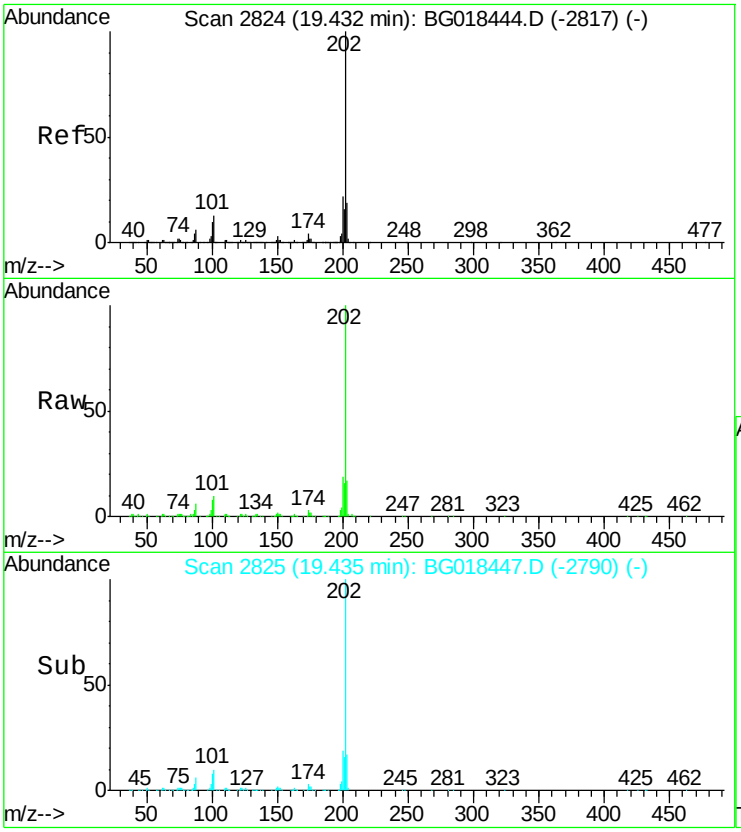


#76
Di-n-butylphthalate
Concen: 3.53 ng/ul
RT: 18.34 min Scan# 2639
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:149 Resp: 183199

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.3	4.3	6.5





#77
Fluoranthene
Concen: 3.81 ng/ul
RT: 19.44 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:202 Resp: 181093

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.7	14.5
100	7.8	7.8	11.8#

Instrument :
BNA_G
ClientSampleId :
MDL-02-S

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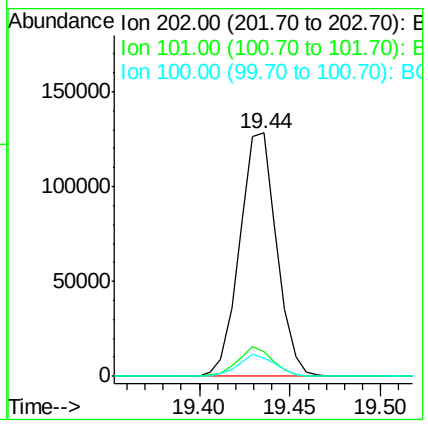
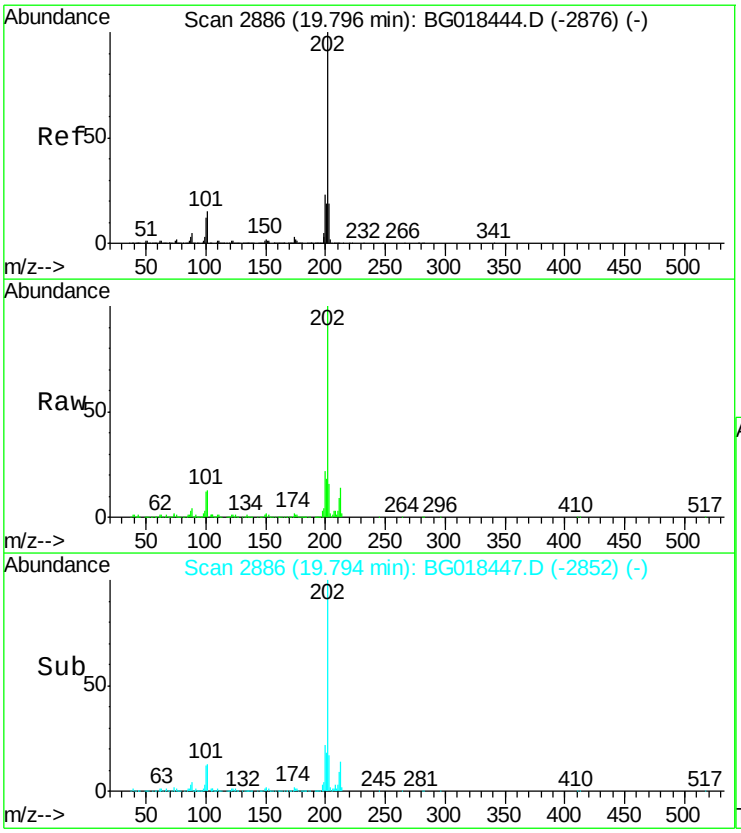
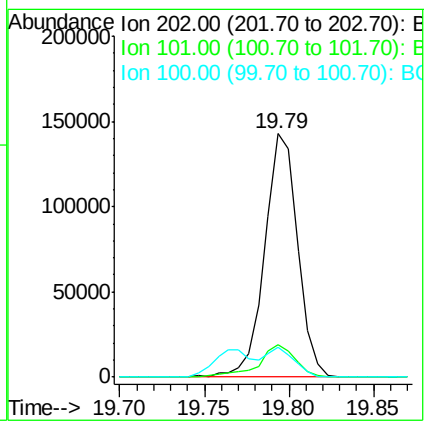


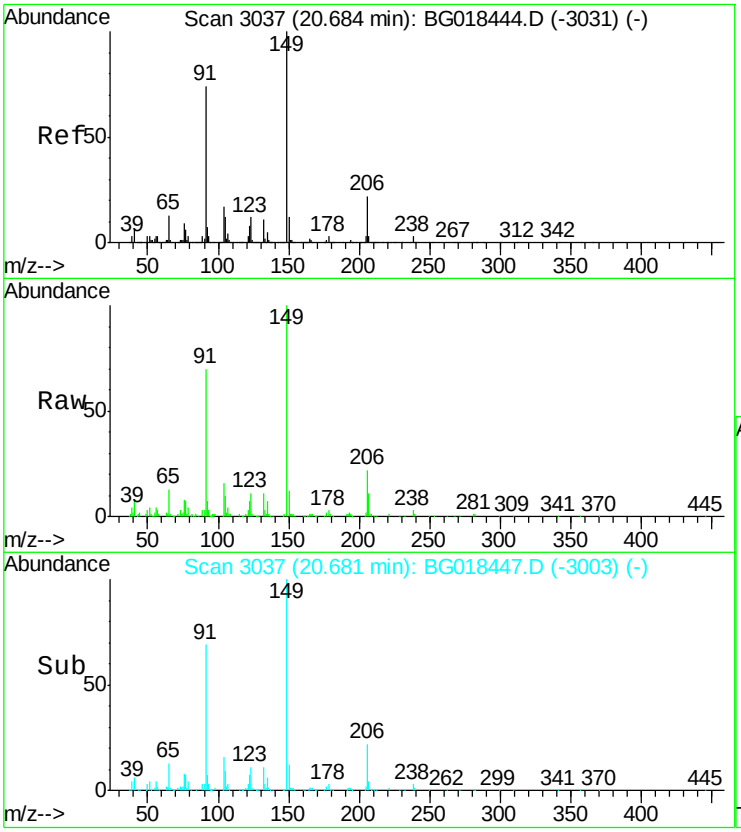


#80
Pyrene
Concen: 3.41 ng/ul
RT: 19.79 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:202 Resp: 193462

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.0	16.4
100	12.4	9.8	14.6





#81
Butylbenzylphthalate
Concen: 3.16 ng/ul
RT: 20.68 min Scan# 3037
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:149 Resp: 75758

Ion	Ratio	Lower	Upper
149	100		
91	69.8	57.9	86.9
206	22.1	17.9	26.9

Instrument :
BNA_G
ClientSampleId :
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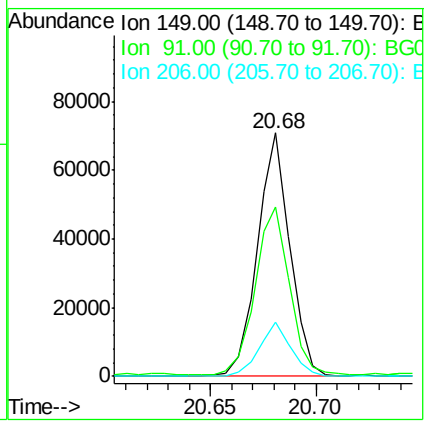
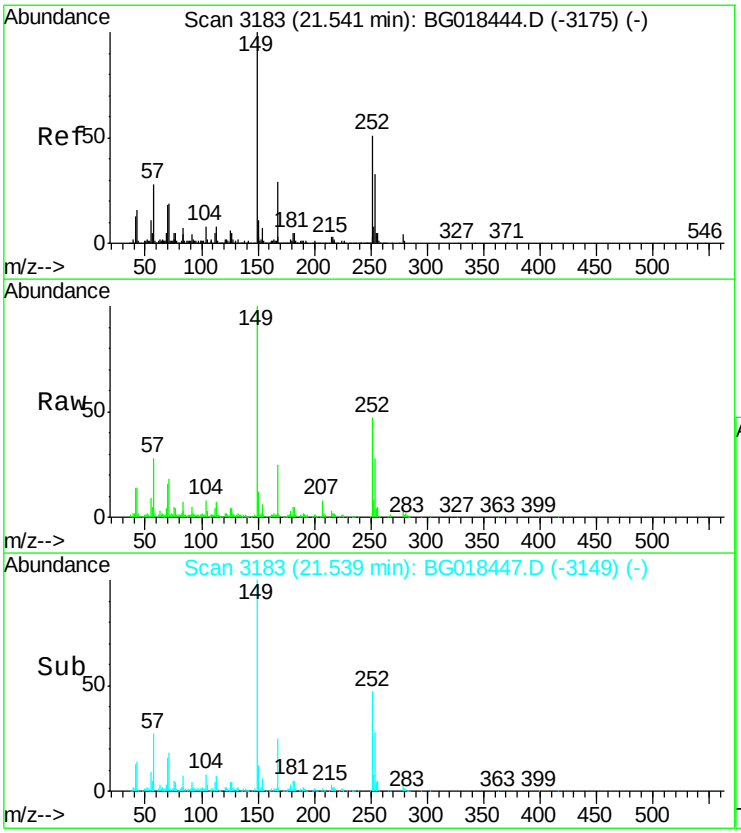
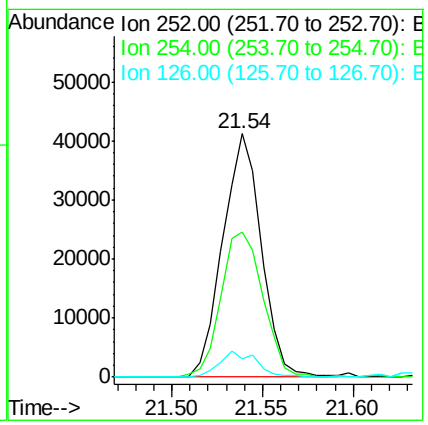


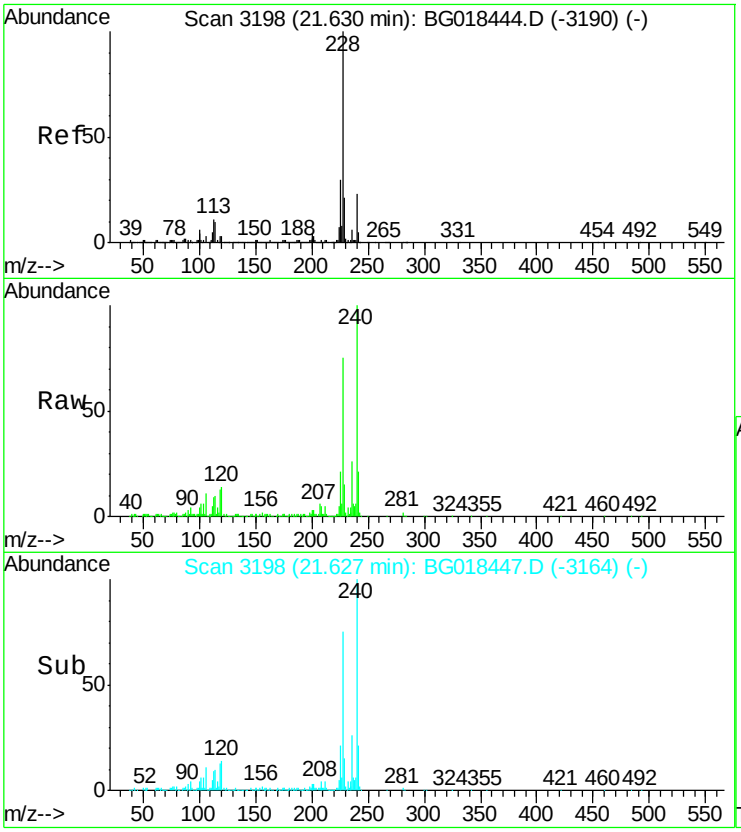


#82
3,3'-Dichlorobenzidine
Concen: 3.50 ng/ul
RT: 21.54 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:252 Resp: 60887

Ion	Ratio	Lower	Upper
252	100		
254	59.5	50.9	76.3
126	7.7	9.6	14.4#





#83
Benzo(a)anthracene
Concen: 3.31 ng/ul
RT: 21.63 min Scan# 3198
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:228 Resp: 172003

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.5	23.3
226	28.7	22.1	33.1

Instrument :
BNA_G
ClientSampleId :
MDL-02-S

Manual Integrations APPROVED
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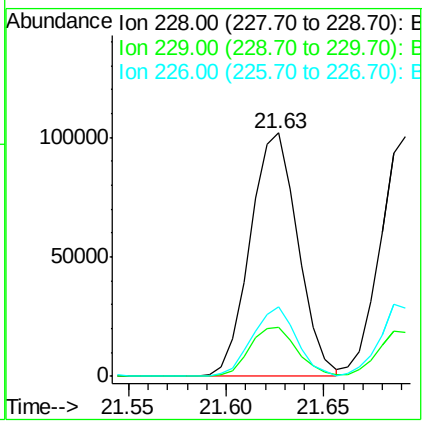
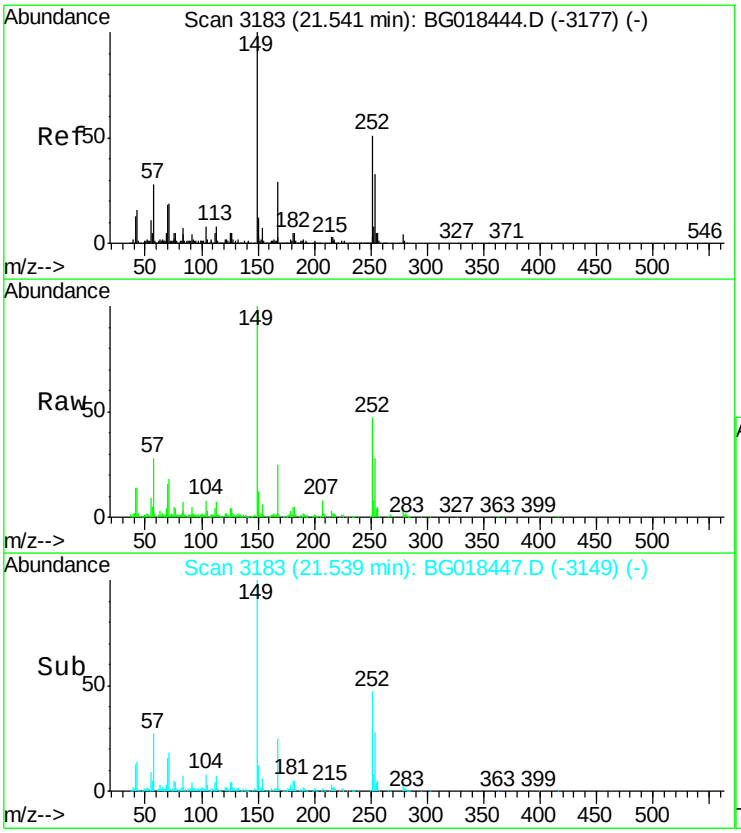
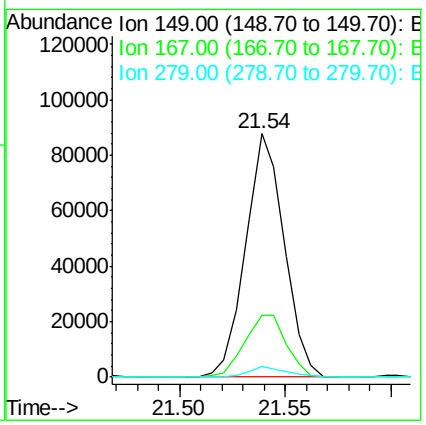


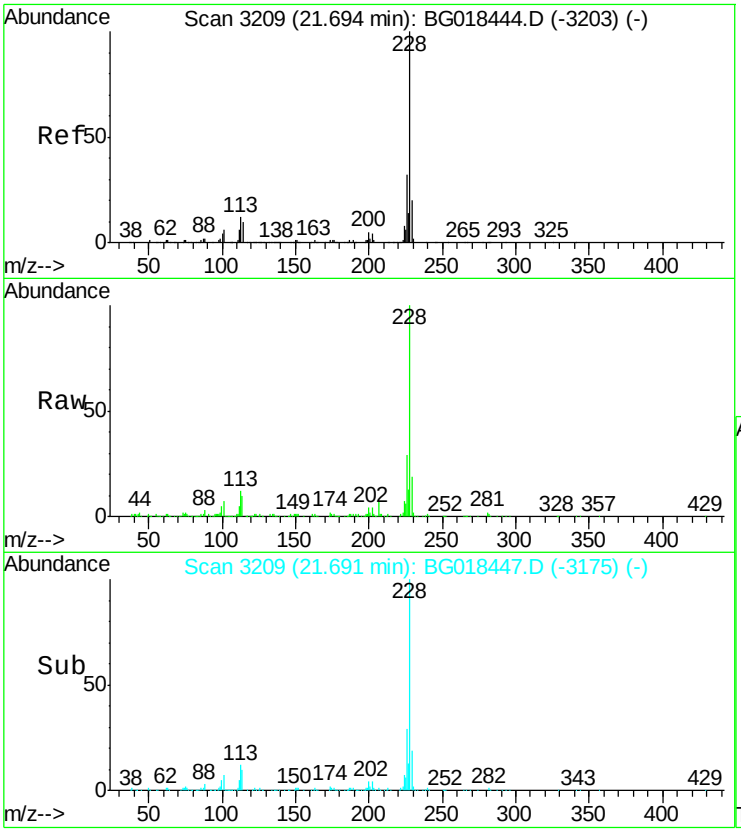


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.29 ng/ul
RT: 21.54 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:149 Resp: 111464

Ion	Ratio	Lower	Upper
149	100		
167	25.2	22.2	33.2
279	4.1	2.8	4.2





#85
Chrysene
Concen: 3.21 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:228 Resp: 156167

Ion	Ratio	Lower	Upper
228	100		
226	28.7	26.5	39.7
229	18.6	16.9	25.3

Instrument :
BNA_G
ClientSampleId :
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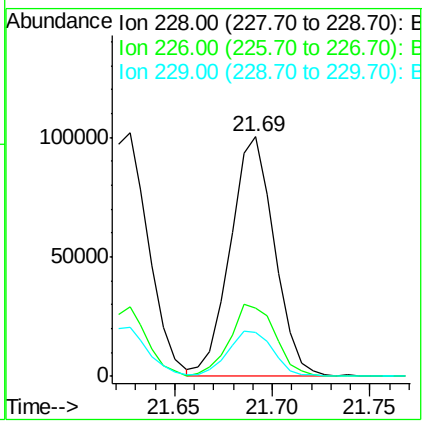
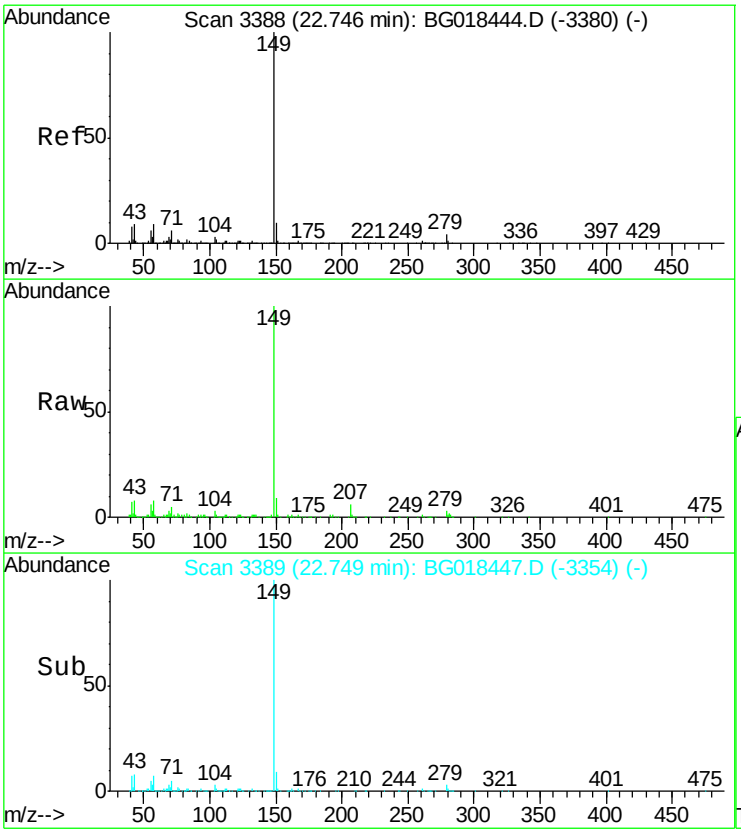
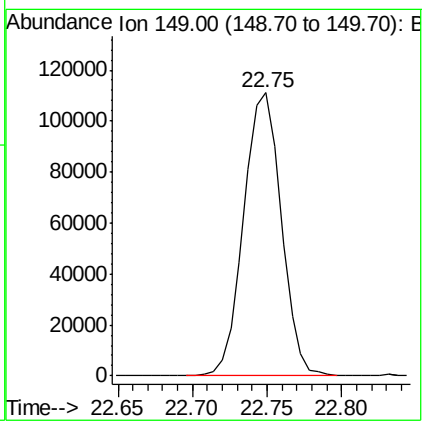
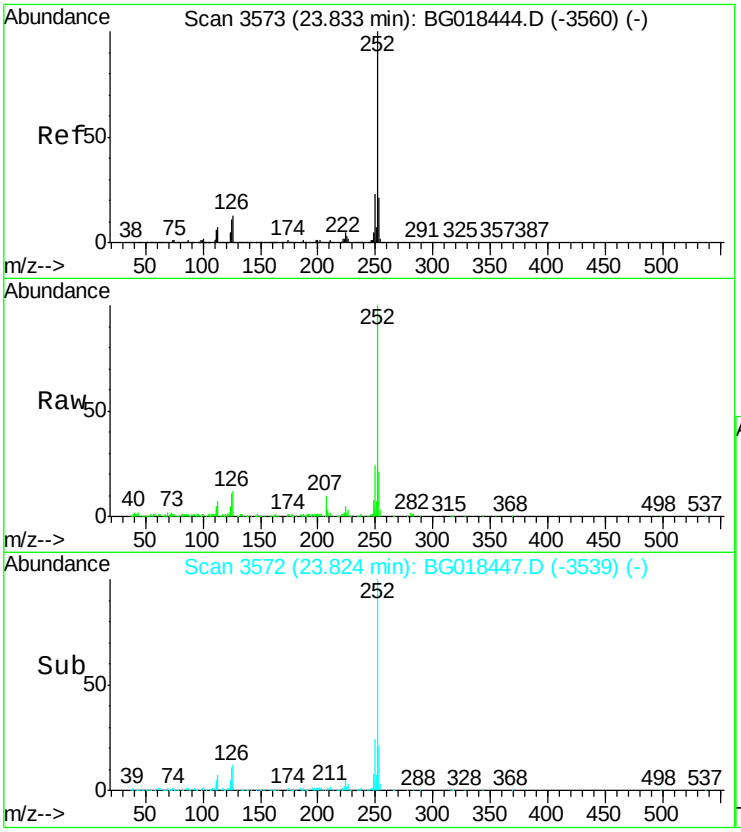




#87
Di-n-octyl phthalate
Concen: 3.59 ng/ul
RT: 22.75 min Scan# 3389
Delta R.T. 0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:149 Resp: 192771

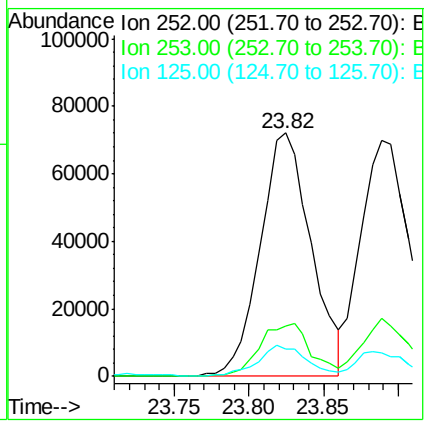




#88
Benzo(b)fluoranthene
Concen: 3.27 ng/ul
RT: 23.82 min Scan# 3572
Delta R.T. -0.01 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:252 Resp: 170977

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.1	27.1
125	11.0	8.3	12.5



Instrument :
BNA_G
ClientSampleId :
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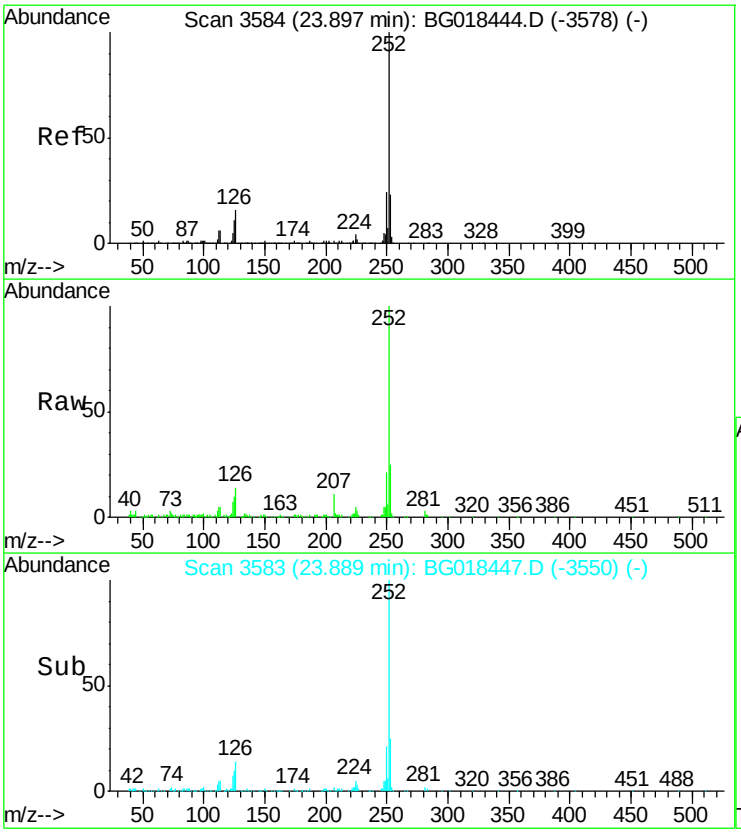
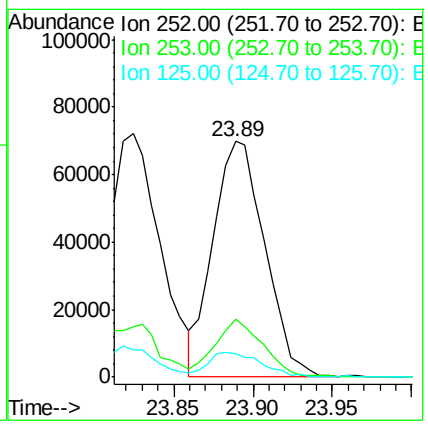
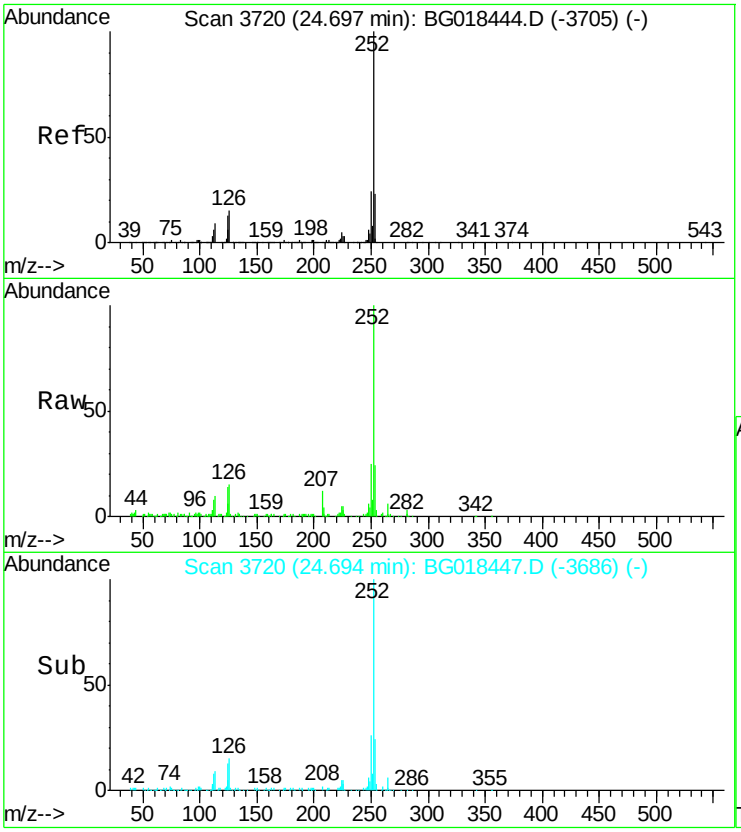


#89
Benzo(k)fluoranthene
Concen: 3.13 ng/ul
RT: 23.89 min Scan# 3583
Delta R.T. -0.01 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:252 Resp: 157722

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	10.0	9.0	13.4

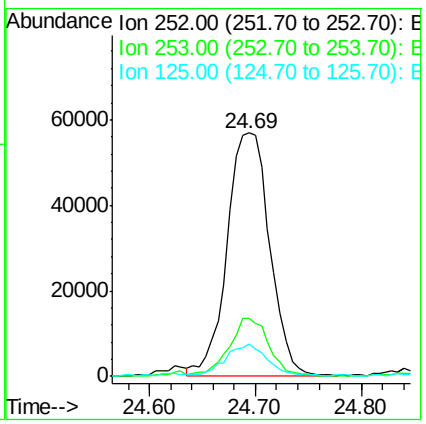




#91
Benzo(a)pyrene
Concen: 3.17 ng/ul
RT: 24.69 min Scan# 3720
Delta R.T. -0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:252 Resp: 157708

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	13.5	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
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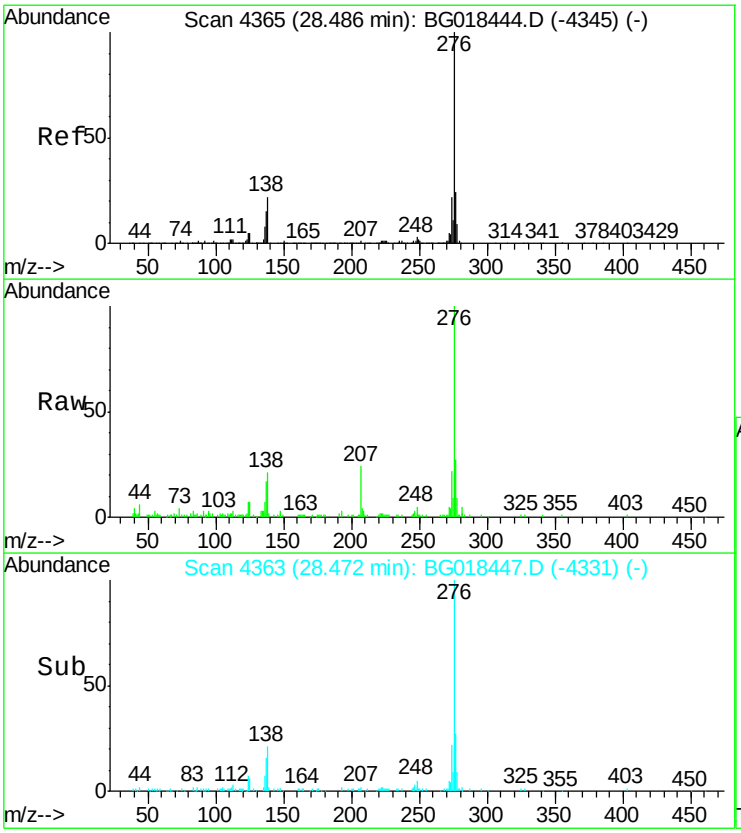
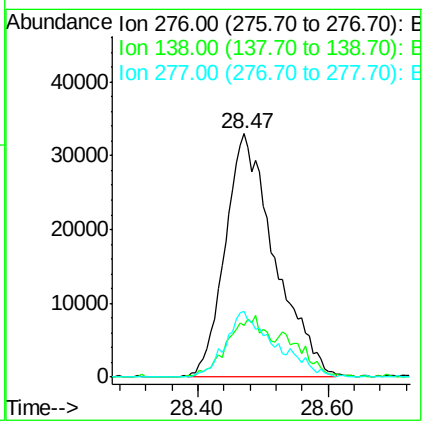
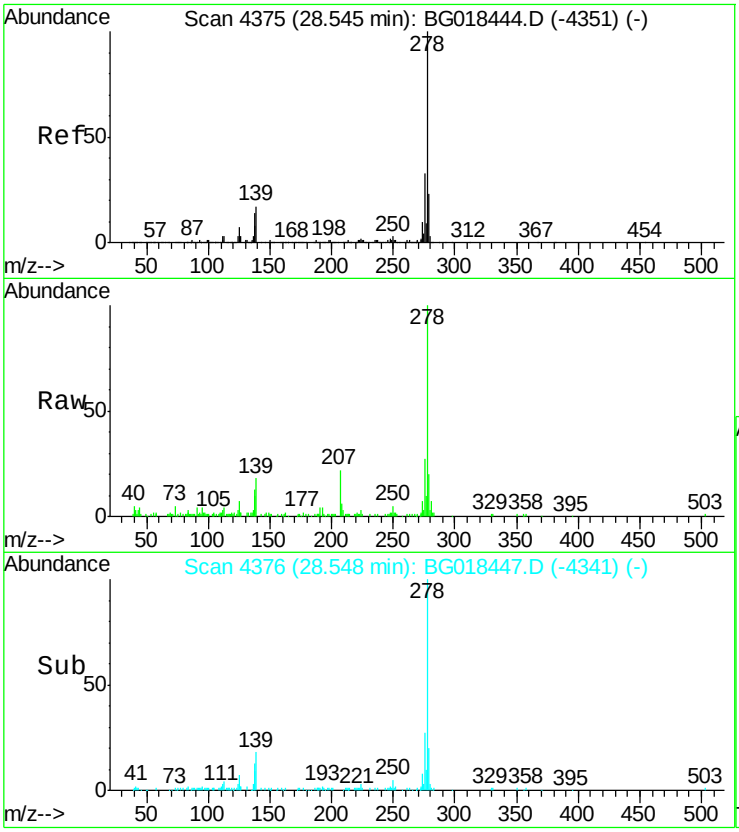


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.06 ng/ul m
RT: 28.47 min Scan# 4363
Delta R.T. -0.01 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:276 Resp: 176106

Ion	Ratio	Lower	Upper
276	100		
138	21.2	15.8	23.6
277	27.2	18.9	28.3





#93
Dibenzo(a,h)anthracene
Concen: 3.10 ng/ul
RT: 28.55 min Scan# 4376
Delta R.T. 0.00 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:278 Resp: 148187

Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.8	20.6
279	19.8	17.8	26.8

Instrument :
BNA_G
ClientSampleId :
MDL-02-S

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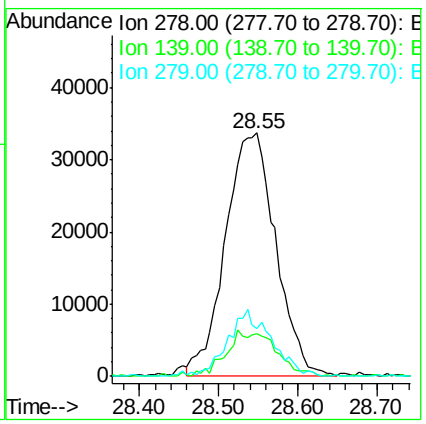

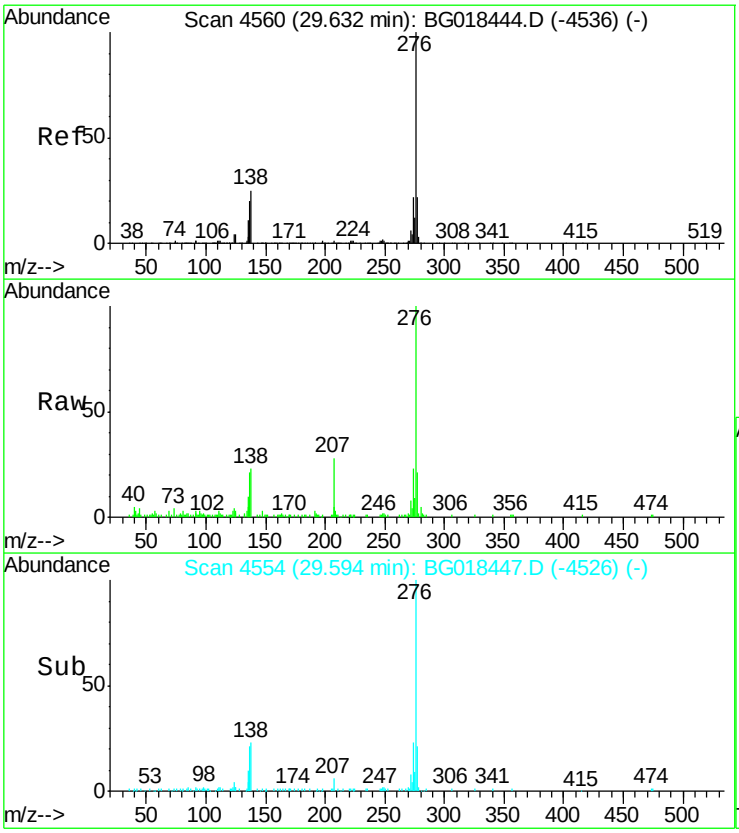

#94
Benzo(g,h,i)perylene
Concen: 3.10 ng/ul m
RT: 29.59 min Scan# 4554
Delta R.T. -0.04 min
Lab File: BG018447.D
Acq: 17 Aug 2015 11:04

Tgt Ion:276 Resp: 150119

Ion	Ratio	Lower	Upper
276	100		
138	22.9	16.5	24.7
277	21.3	19.0	28.6