Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017014.D
Acq On : 10 May 2015 7:57
Operator : TP/IZ
Sample : G2139-01MSD
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LAR9794-AMSD

Manual Integrations APPROVED
apatel
5/19/2015 9:23:38 AM

Quant Time: May 12 14:42:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	63099	20.00	ng		-0.02
21) Naphthalene-d8	10.58	136	279496	20.00	ng		-0.02
38) Acenaphthene-d10	14.43	164	191132	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	449661	20.00	ng		-0.02
75) Chrysene-d12	21.35	240	448824	20.00	ng		-0.02
86) Perylene-d12	23.64	264	431684	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	462371	127.59	ng		0.00
7) Phenol-d6	6.97	99	606439	117.14	ng		0.00
23) Nitrobenzene-d5	8.95	82	467023	81.63	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	304958	158.93	ng		-0.01
44) 2-Fluorobiphenyl	13.05	172	972989	76.82	ng		-0.02
78) Terphenyl-d14	19.80	244	1629263	85.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	47110	31.02	ng	#	1
3) Pyridine	3.69	79	125473	26.72	ng		98
4) n-Nitrosodimethylamine	3.60	42	63097	22.51	ng		91
6) Aniline	7.17	93	80719m	11.10	ng		
8) 2-Chlorophenol	7.36	128	177826	42.36	ng		95
10) Phenol	6.99	94	217783	39.23	ng		98
11) bis(2-Chloroethyl)ether	7.22	93	181041	42.17	ng		93
12) 1,3-Dichlorobenzene	7.68	146	167672	36.22	ng		94
13) 1,4-Dichlorobenzene	7.83	146	172212	36.73	ng		95
14) 1,2-Dichlorobenzene	8.14	146	168646	37.48	ng		96
15) Benzyl Alcohol	8.03	79	151710	32.08	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.32	45	294165	37.02	ng		97
17) 2-Methylphenol	8.24	107	159739	40.86	ng		93
18) Hexachloroethane	8.87	117	69907	36.27	ng		92
19) n-Nitroso-di-n-propylamine	8.60	70	141557	31.18	ng		98
20) 3+4-Methylphenols	8.57	107	225469	41.85	ng		96
22) Acetophenone	8.61	105	279093	41.92	ng	#	99
24) Nitrobenzene	8.99	77	244413	42.30	ng		97
25) Isophorone	9.51	82	449356	38.90	ng		99
26) 2-Nitrophenol	9.70	139	105321	44.77	ng		98
27) 2,4-Dimethylphenol	9.76	122	183540	43.11	ng		97
28) bis(2-Chloroethoxy)methane	10.00	93	234950	40.29	ng		97
29) 2,4-Dichlorophenol	10.23	162	182520	45.38	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	173015	40.57	ng		96
31) Naphthalene	10.63	128	549544	39.53	ng		98
32) Benzoic acid	9.91	122	151219	55.72	ng		94
33) 4-Chloroaniline	10.83	127	206328m	32.14	ng		
34) Hexachlorobutadiene	10.92	225	105337	39.46	ng		96
36) 4-Chloro-3-methylphenol	11.87	107	235673	45.76	ng		98
37) 2-Methylnaphthalene	12.24	142	430766	40.68	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	196649	38.06	ng	#	100
42) 2,4,6-Trichlorophenol	12.85	196	156033m	42.61	ng		
43) 2,4,5-Trichlorophenol	12.93	196	180765	46.51	ng		96
45) 1,1'-Biphenyl	13.26	154	555321	40.58	ng		98

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017014.D
Acq On : 10 May 2015 7:57
Operator : TP/IZ
Sample : G2139-01MSD
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LAR9794-AMSD

Manual Integrations APPROVED
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5/19/2015 9:23:38 AM

Quant Time: May 12 14:42:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.30	162	432434	39.90	ng		97
47) 2-Nitroaniline	13.51	65	193220	51.21	ng		98
48) Acenaphthylene	14.15	152	593087	31.42	ng		100
49) Dimethylphthalate	13.89	163	595038	41.69	ng		99
50) 2,6-Dinitrotoluene	14.01	165	143568	48.45	ng		87
51) Acenaphthene	14.49	154	449292	40.00	ng		97
52) 3-Nitroaniline	14.35	138	62927	18.67	ng		98
53) 2,4-Dinitrophenol	14.54	184	204626	150.98	ng	#	80
54) Dibenzofuran	14.83	168	680065	42.63	ng		95
55) 4-Nitrophenol	14.67	139	253713	88.76	ng		93
56) 2,4-Dinitrotoluene	14.79	165	207429	54.72	ng		98
57) Fluorene	15.48	166	605981	42.91	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.05	232	156987	46.81	ng	#	76
59) Diethylphthalate	15.26	149	668412	44.36	ng		100
60) 4-Chlorophenyl-phenylether	15.47	204	305266	43.02	ng		99
61) 4-Nitroaniline	15.50	138	58161	14.88	ng		92
62) Azobenzene	15.76	77	652095	41.79	ng		95
64) 4,6-Dinitro-2-methylphenol	15.55	198	137965	61.88	ng		92
65) n-Nitrosodiphenylamine	15.69	169	549732	40.05	ng		97
66) 4-Bromophenyl-phenylether	16.37	248	188516	41.77	ng		97
67) Hexachlorobenzene	16.48	284	195245	41.02	ng		96
69) Pentachlorophenol	16.83	266	303838	98.33	ng		97
70) Phenanthrene	17.21	178	932984	40.32	ng		99
71) Anthracene	17.31	178	954966	40.91	ng		99
72) Carbazole	17.58	167	920119	41.46	ng		99
73) Di-n-butylphthalate	18.14	149	1194599	41.52	ng		99
74) Fluoranthene	19.23	202	1087100	40.49	ng		98
77) Pyrene	19.59	202	1111411	41.96	ng		99
79) Butylbenzylphthalate	20.49	149	529956	42.09	ng		98
80) Benzo(a)anthracene	21.33	228	1017540	42.26	ng		98
82) Chrysene	21.39	228	963481	42.72	ng		99
83) Bis(2-ethylhexyl)phthalate	21.26	149	715068	41.52	ng		99
84) Di-n-octyl phthalate	22.15	149	1207159	41.73	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.00	276	1154261	42.95	ng	#	100
87) Benzo(b)fluoranthene	22.95	252	1040437	43.26	ng		98
88) Benzo(k)fluoranthene	23.00	252	977689	42.26	ng		100
89) Benzo(a)pyrene	23.54	252	979375	43.67	ng		98
90) Dibenzo(a,h)anthracene	26.02	278	970606	42.37	ng	#	96
91) Benzo(g,h,i)perylene	26.73	276	930267	42.65	ng		97

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

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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017014.D
Acq On : 10 May 2015 7:57
Operator : TP/IZ
Sample : G2139-01MSD
Misc :
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Quant Time: May 12 14:42:32 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

Manual Integrations APPROVED
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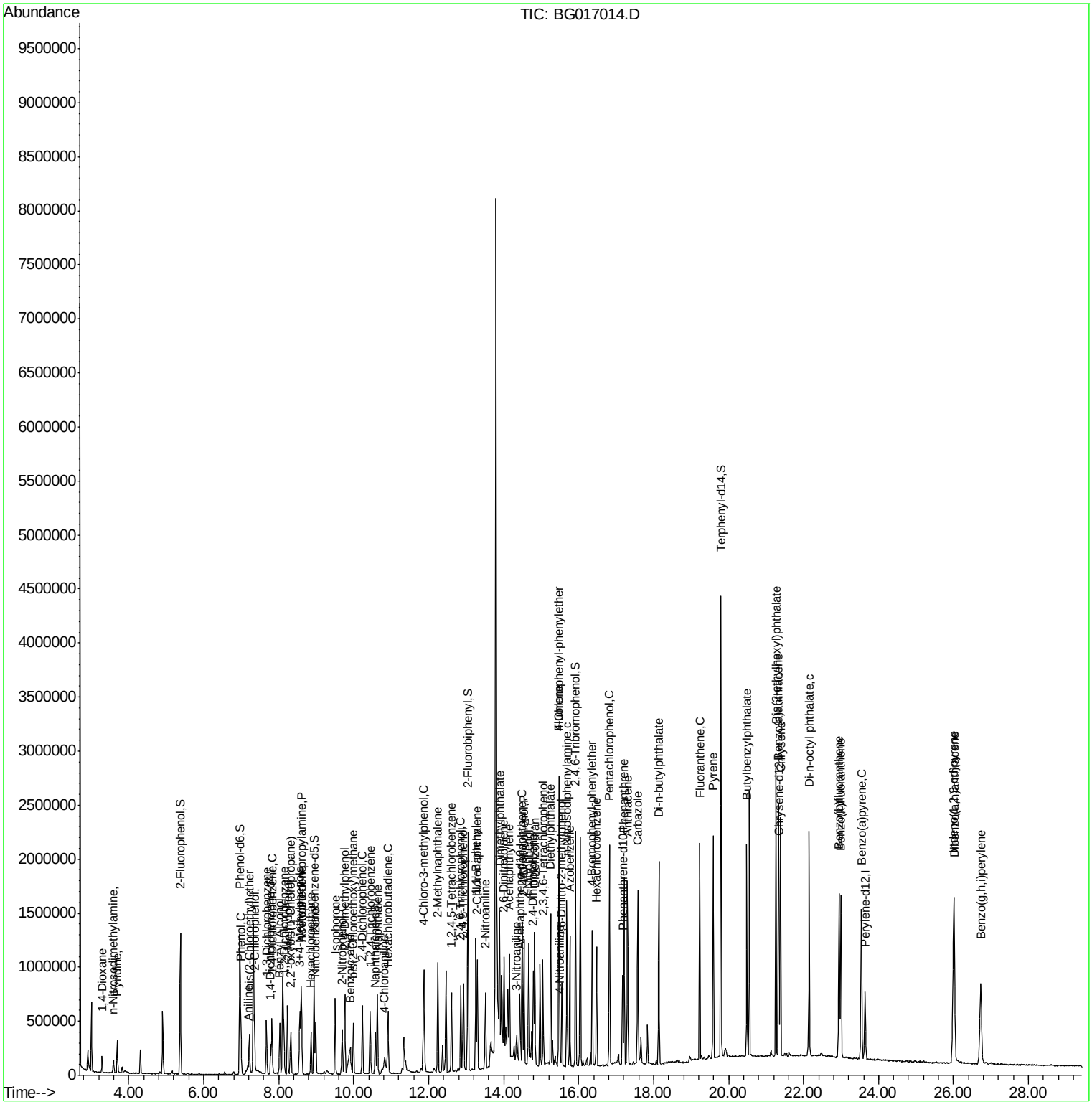
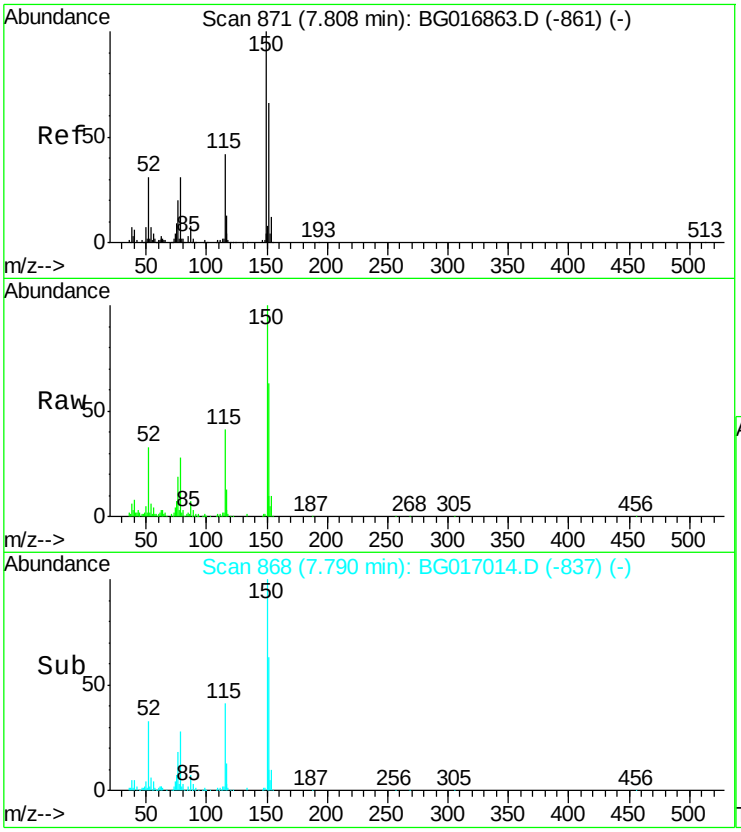
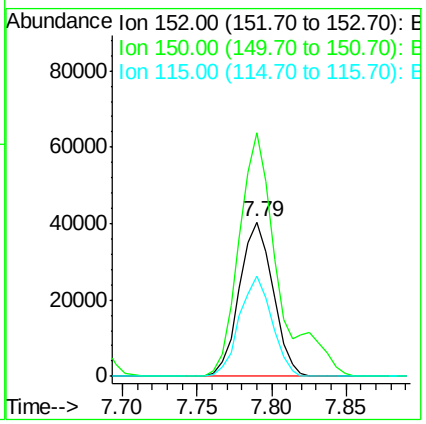




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:152 Resp: 63099

Ion	Ratio	Lower	Upper
152	100		
150	158.1	121.0	181.4
115	65.3	50.5	75.7



Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

Manual Integrations APPROVED
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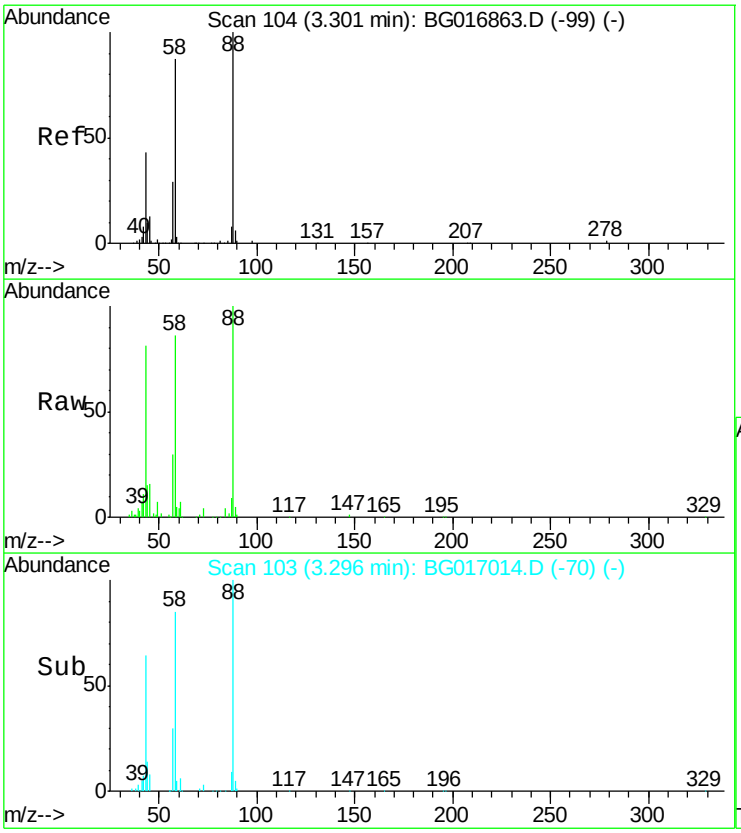
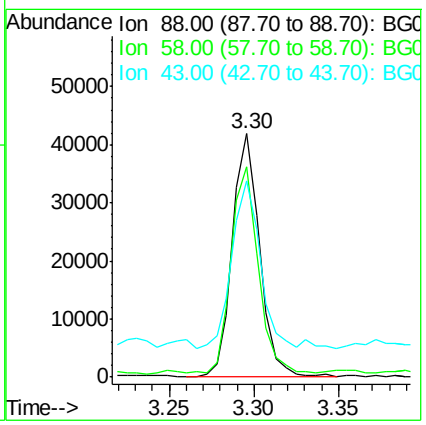
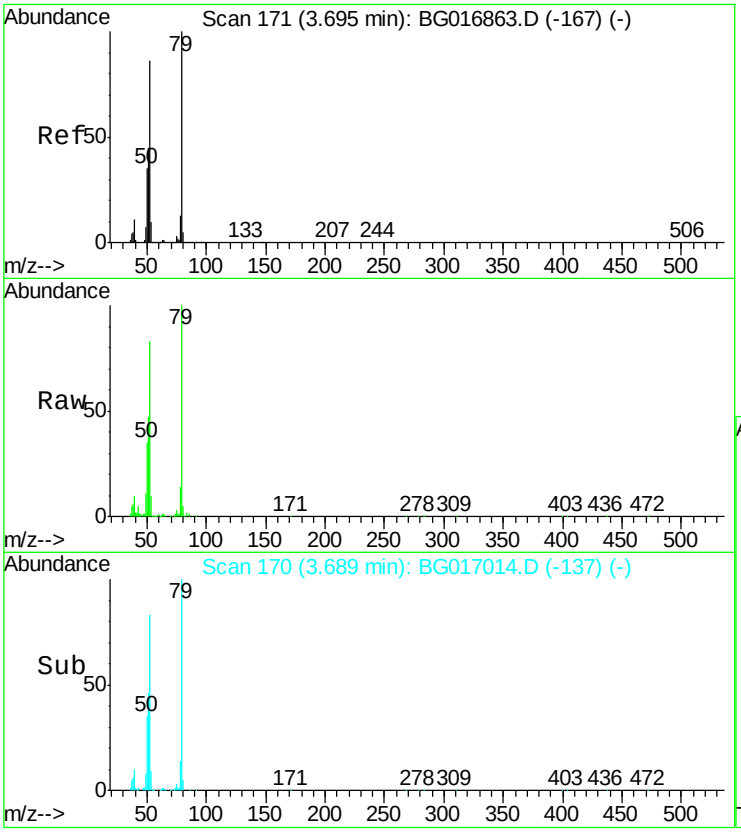


#2
1,4-Dioxane
Concen: 31.02 ng
RT: 3.30 min Scan# 103
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 88 Resp: 47110

Ion	Ratio	Lower	Upper
88	100		
58	83.5	0.1	0.1#
43	70.2	1.3	1.9#

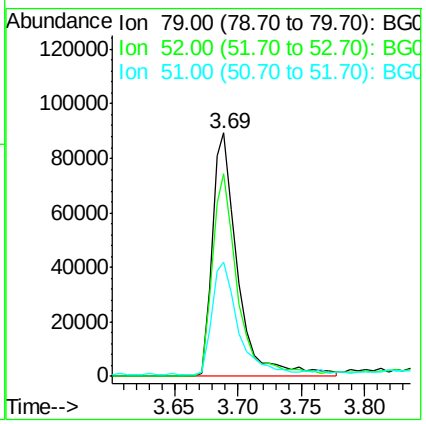




#3
Pyridine
Concen: 26.72 ng
RT: 3.69 min Scan# 170
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 79 Resp: 125473

Ion	Ratio	Lower	Upper
79	100		
52	83.1	68.5	102.7
51	46.8	37.8	56.8



Instrument :
BNA_G
ClientSampleId :
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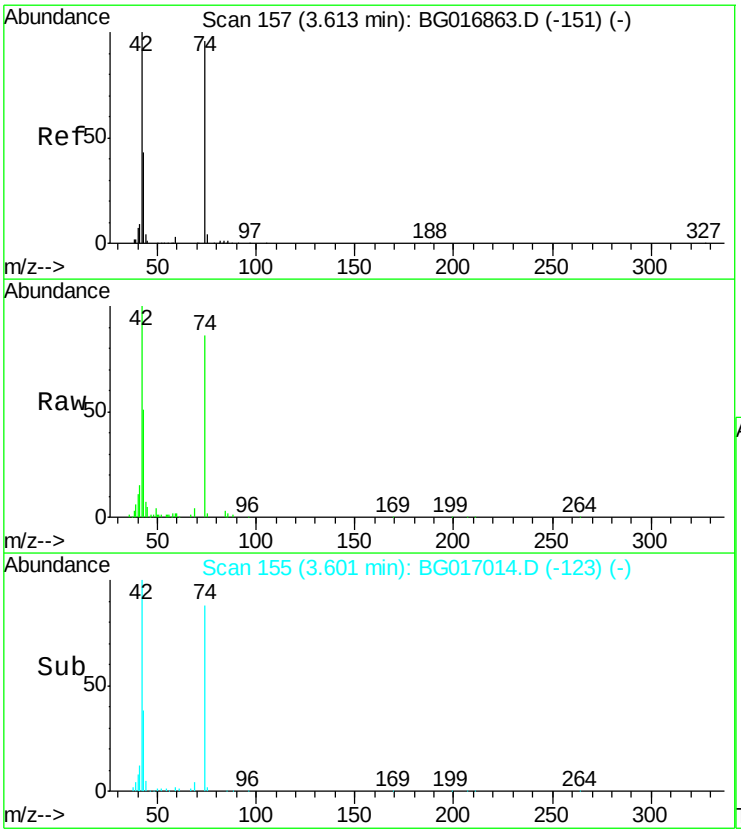
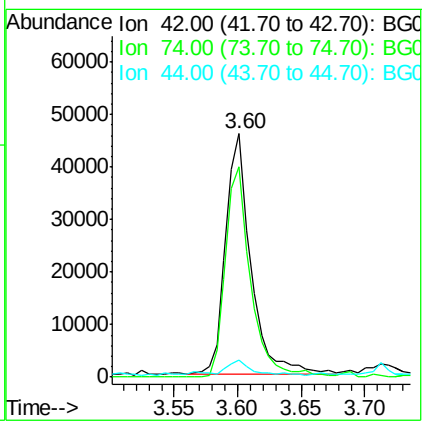
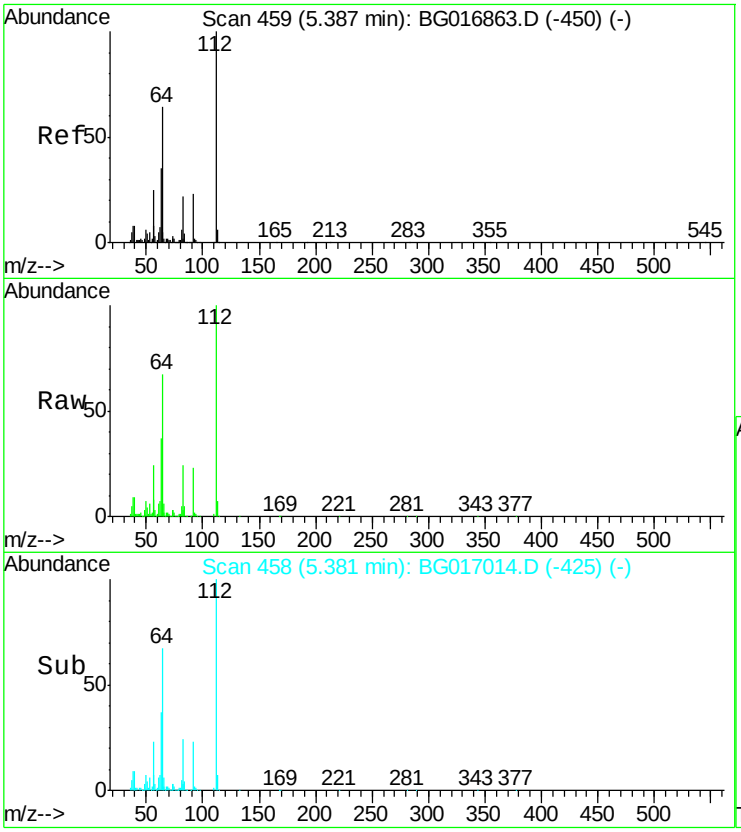


#4
n-Nitrosodimethylamine
Concen: 22.51 ng
RT: 3.60 min Scan# 155
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 42 Resp: 63097

Ion	Ratio	Lower	Upper
42	100		
74	86.2	76.2	114.2
44	6.7	4.9	7.3

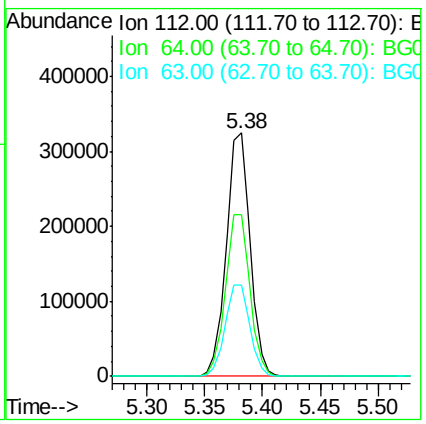




#5
2-Fluorophenol
Concen: 127.59 ng
RT: 5.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:112 Resp: 462371

Ion	Ratio	Lower	Upper
112	100		
64	66.6	51.4	77.2
63	37.3	28.1	42.1



Instrument :
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ClientSampleId :
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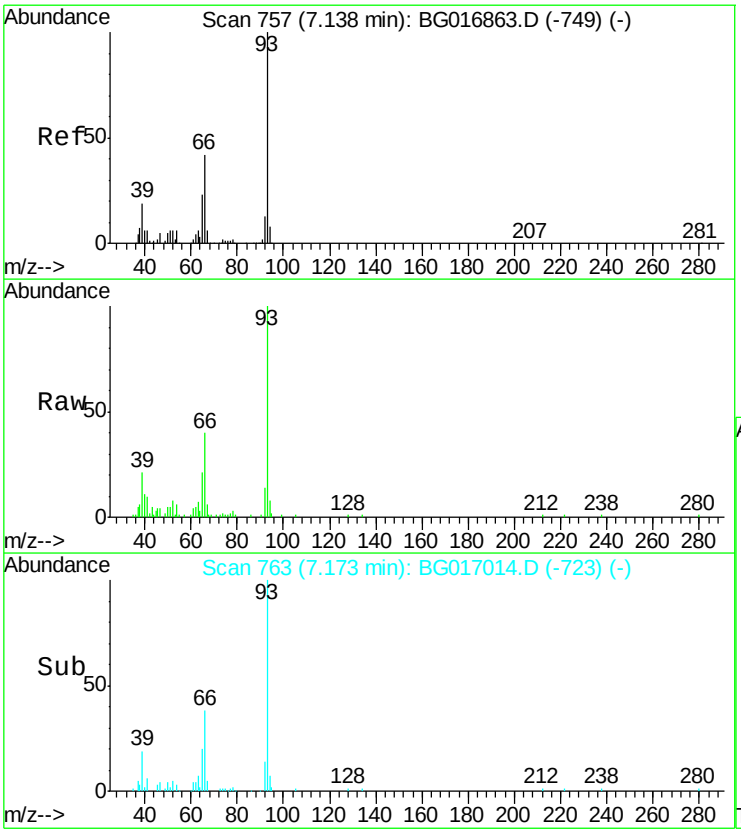
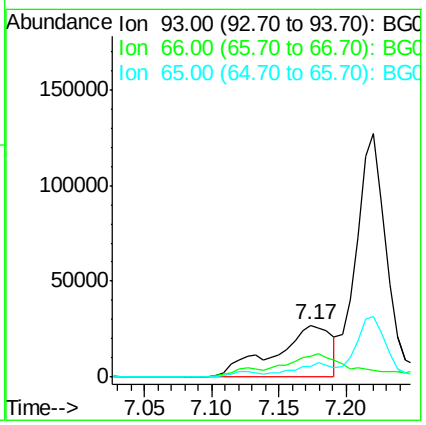
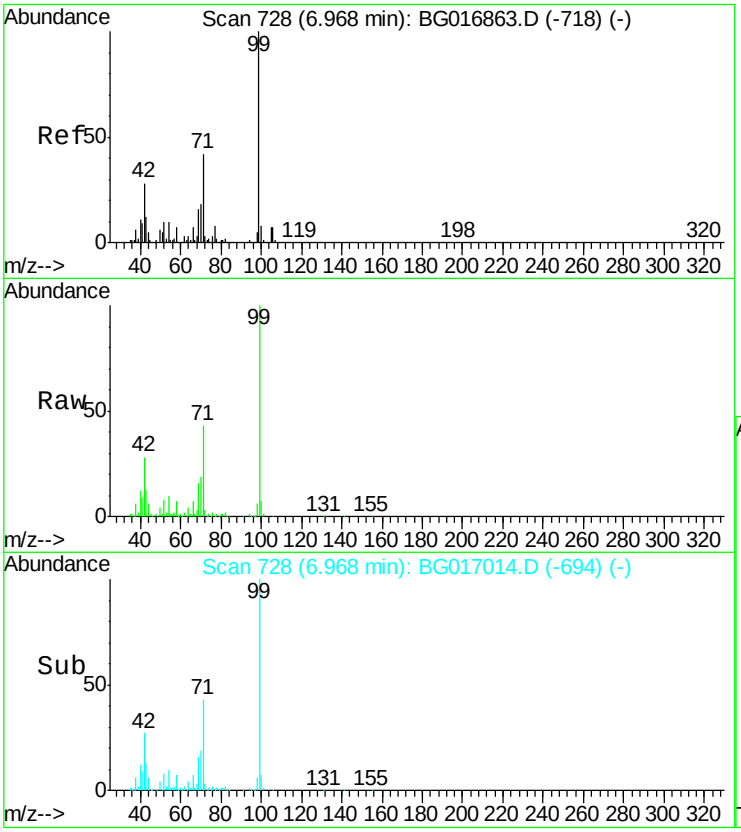


#6
Aniline
Concen: 11.10 ng m
RT: 7.17 min Scan# 763
Delta R.T. 0.04 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 93 Resp: 80719

Ion	Ratio	Lower	Upper
93	100		
66	40.5	33.8	50.6
65	21.0	18.7	28.1

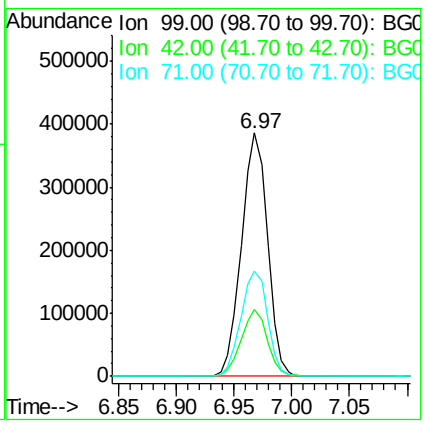




#7
Phenol-d6
Concen: 117.14 ng
RT: 6.97 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 99 Resp: 606439

Ion	Ratio	Lower	Upper
99	100		
42	27.5	22.1	33.1
71	43.2	33.4	50.0



Instrument :
BNA_G
ClientSampleId :
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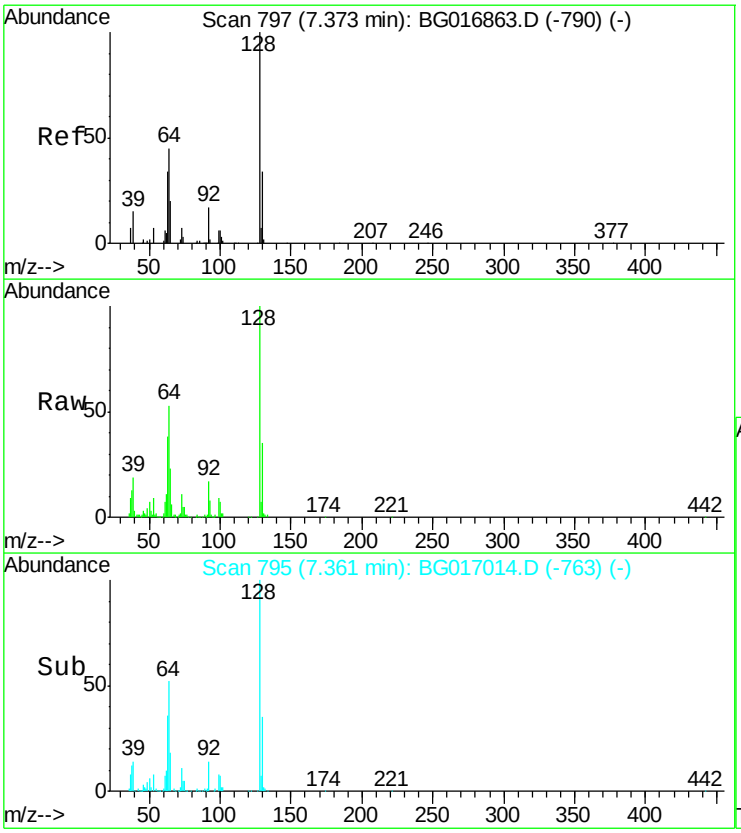
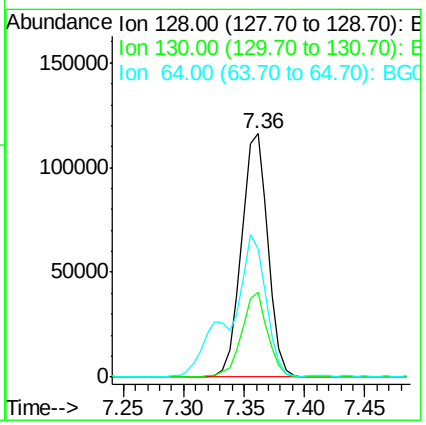
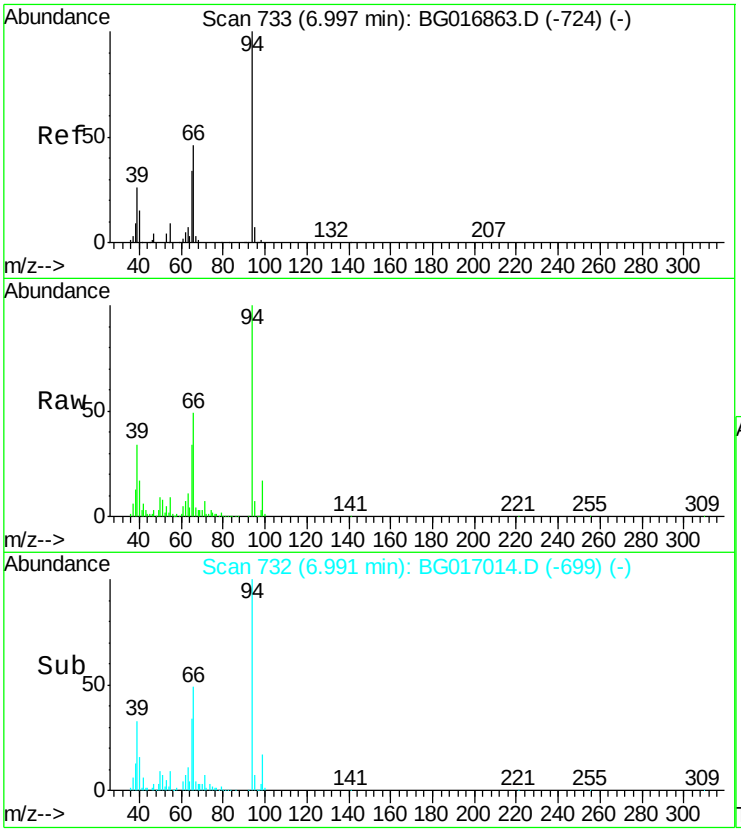


#8
2-Chlorophenol
Concen: 42.36 ng
RT: 7.36 min Scan# 795
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:128 Resp: 177826

Ion	Ratio	Lower	Upper
128	100		
130	35.0	14.4	54.4
64	53.0	38.4	78.4

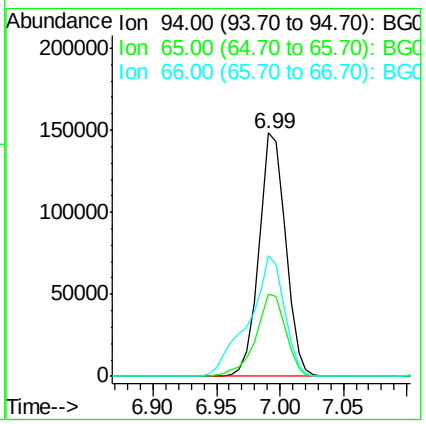




#10
Phenol
Concen: 39.23 ng
RT: 6.99 min Scan# 732
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 94 Resp: 217783

Ion	Ratio	Lower	Upper
94	100		
65	34.0	14.3	54.3
66	49.4	26.9	66.9



Instrument :
BNA_G
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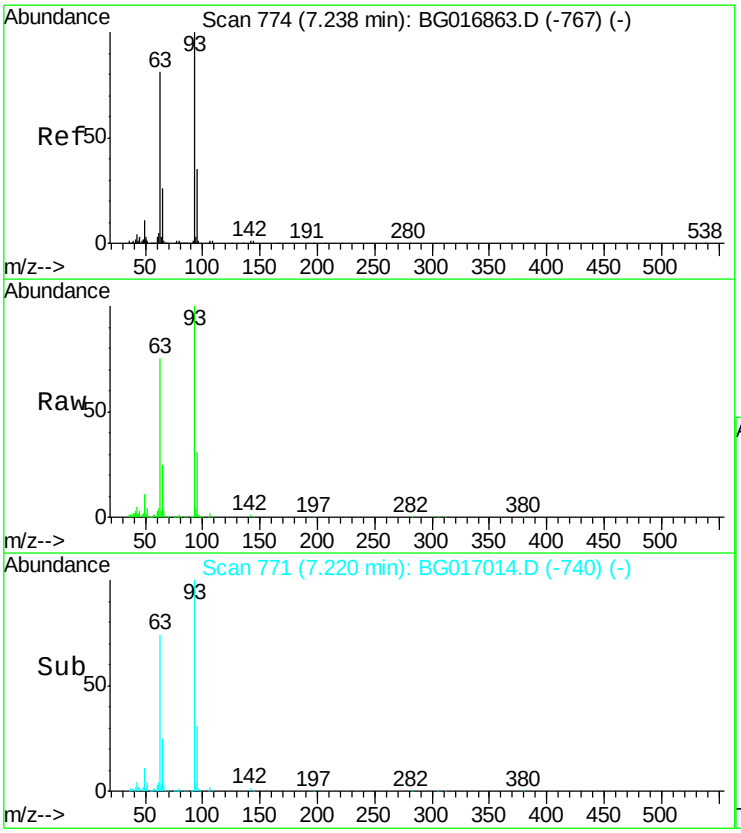
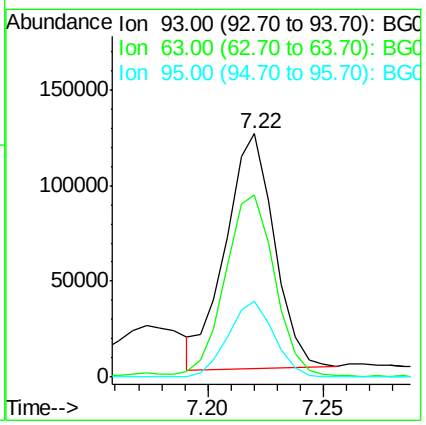
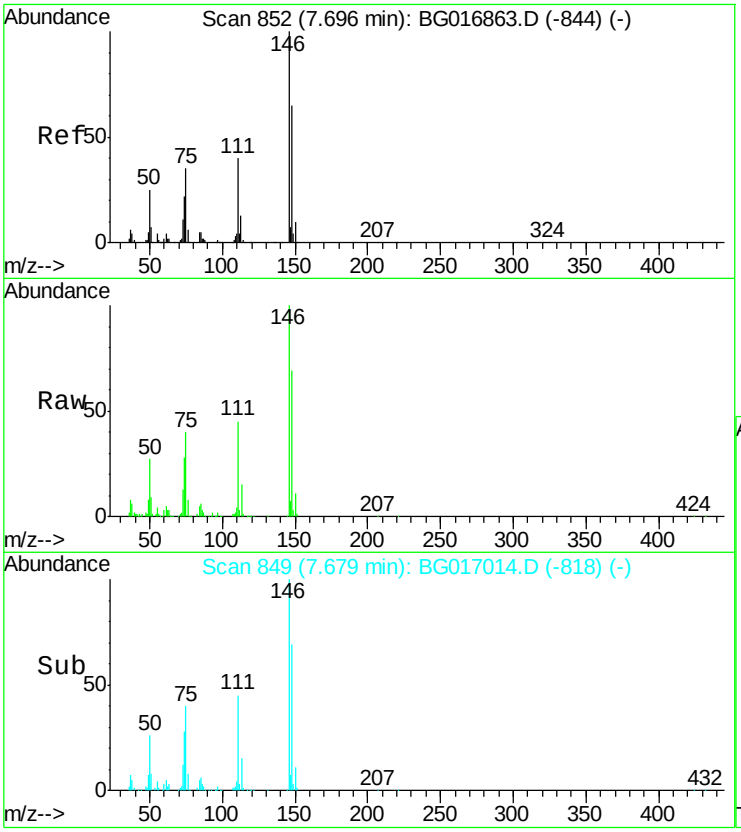


#11
bis(2-Chloroethyl)ether
Concen: 42.17 ng
RT: 7.22 min Scan# 771
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 93 Resp: 181041

Ion	Ratio	Lower	Upper
93	100		
63	74.7	61.2	101.2
95	31.2	15.0	55.0

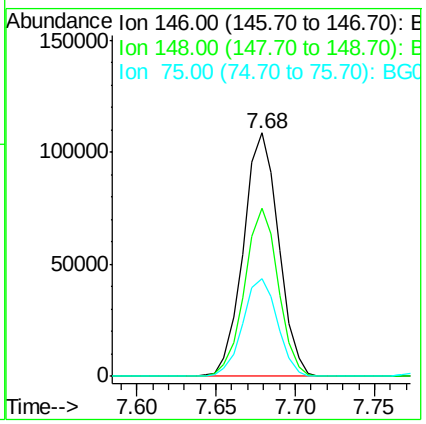




#12
1,3-Dichlorobenzene
Concen: 36.22 ng
RT: 7.68 min Scan# 849
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:146 Resp: 167672

Ion	Ratio	Lower	Upper
146	100		
148	68.8	51.9	77.9
75	39.9	28.2	42.2



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BNA_G
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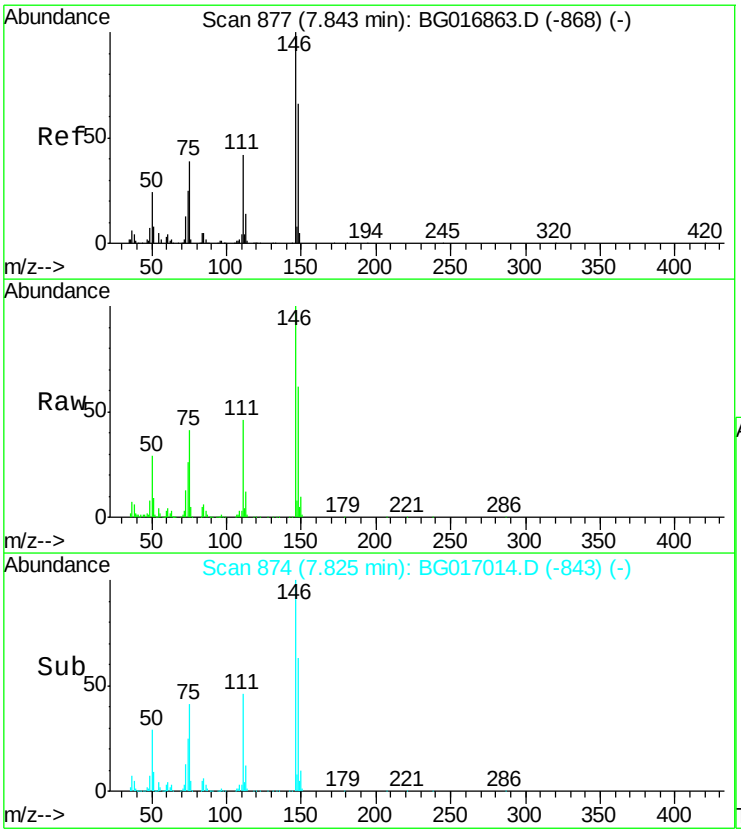
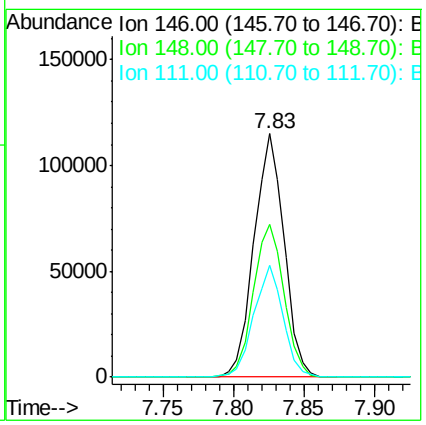
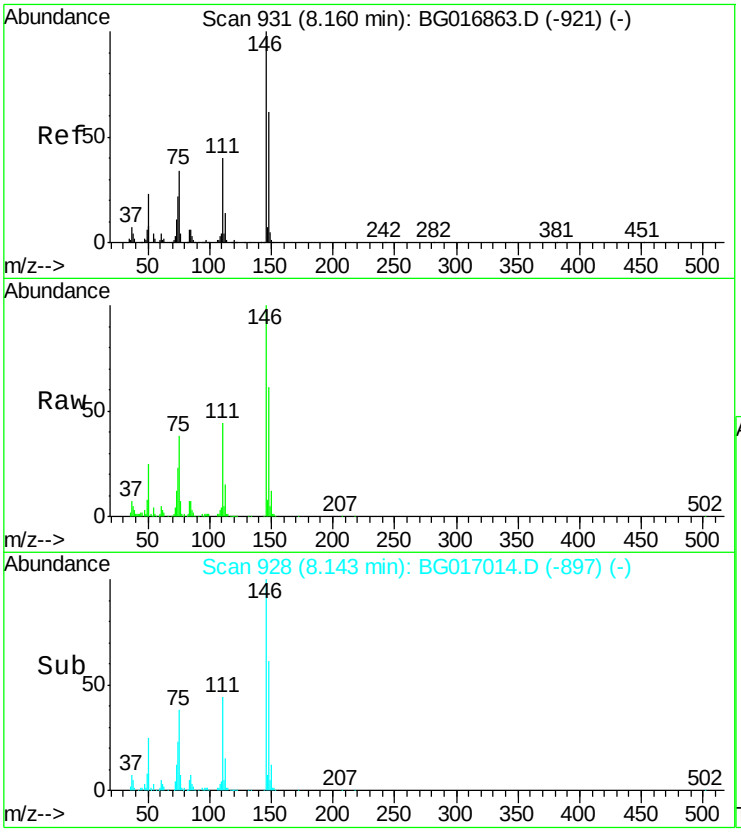


#13
1,4-Dichlorobenzene
Concen: 36.73 ng
RT: 7.83 min Scan# 874
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:146 Resp: 172212

Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.8	79.2
111	45.8	33.9	50.9

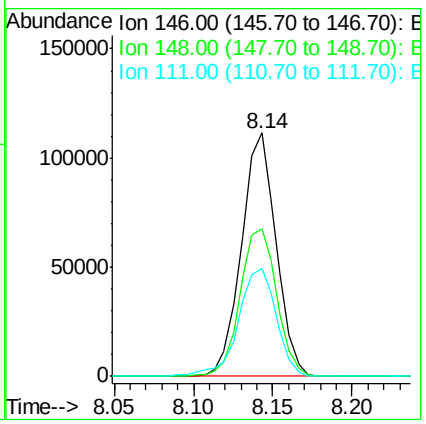




#14
1,2-Dichlorobenzene
Concen: 37.48 ng
RT: 8.14 min Scan# 928
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:146 Resp: 168646

Ion	Ratio	Lower	Upper
146	100		
148	60.9	49.9	74.9
111	44.2	32.1	48.1



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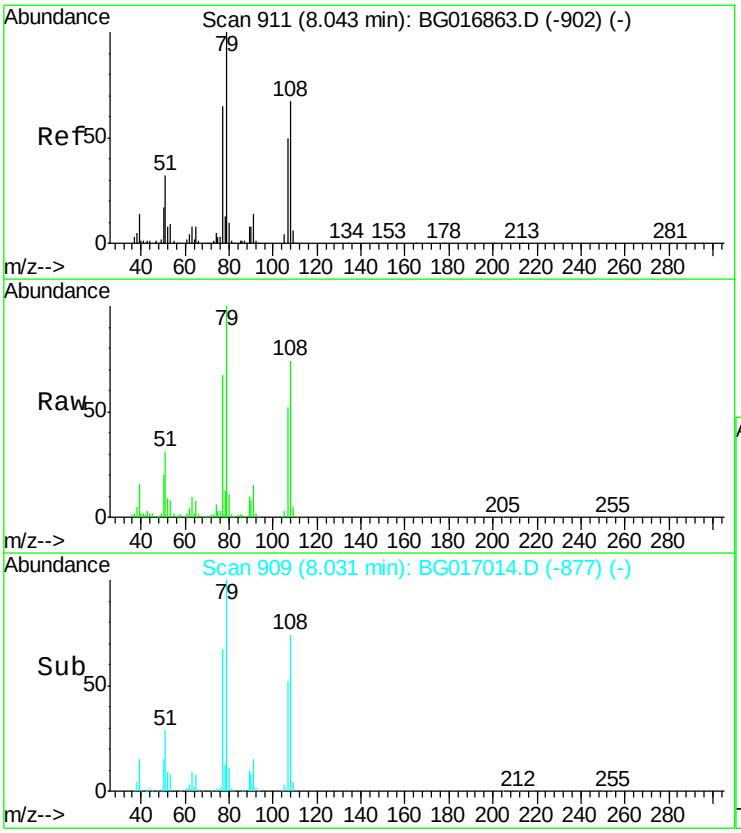
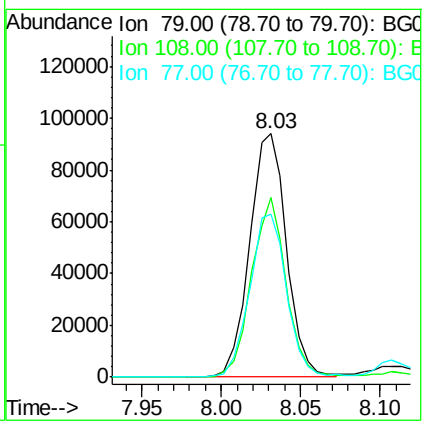
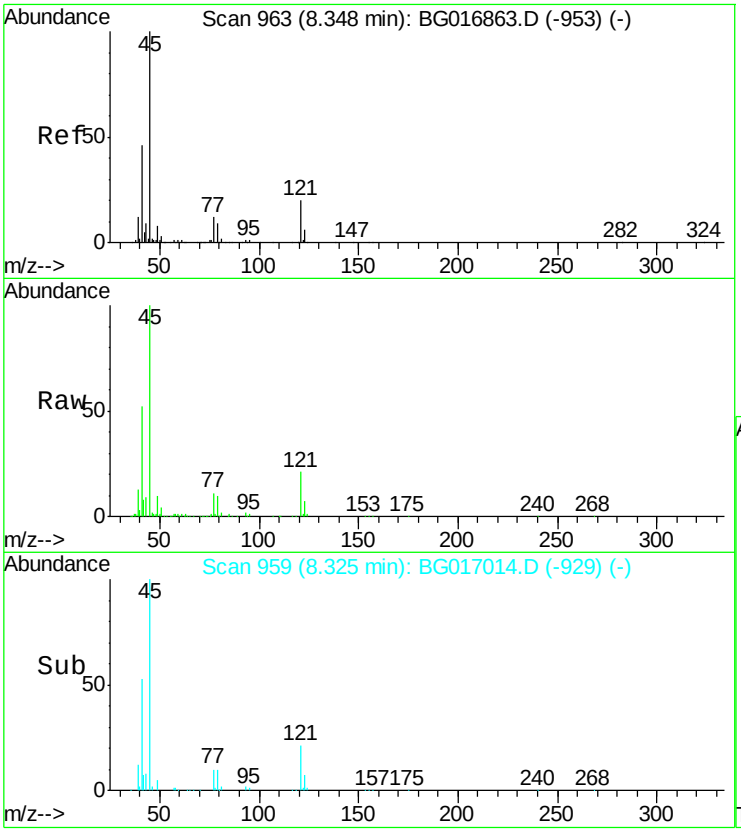


#15
Benzyl Alcohol
Concen: 32.08 ng
RT: 8.03 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 79 Resp: 151710

Ion	Ratio	Lower	Upper
79	100		
108	73.7	53.4	80.2
77	67.2	52.2	78.2

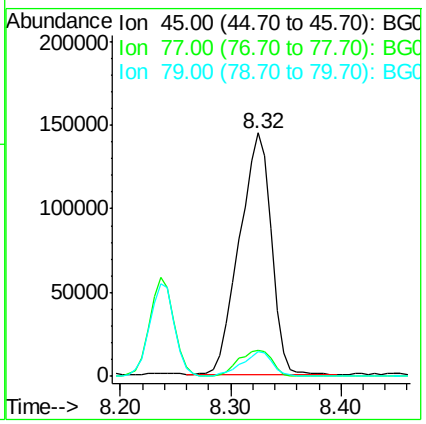




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.02 ng
RT: 8.32 min Scan# 959
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 45 Resp: 294165

Ion	Ratio	Lower	Upper
45	100		
77	10.6	0.0	31.8
79	10.3	0.0	29.1



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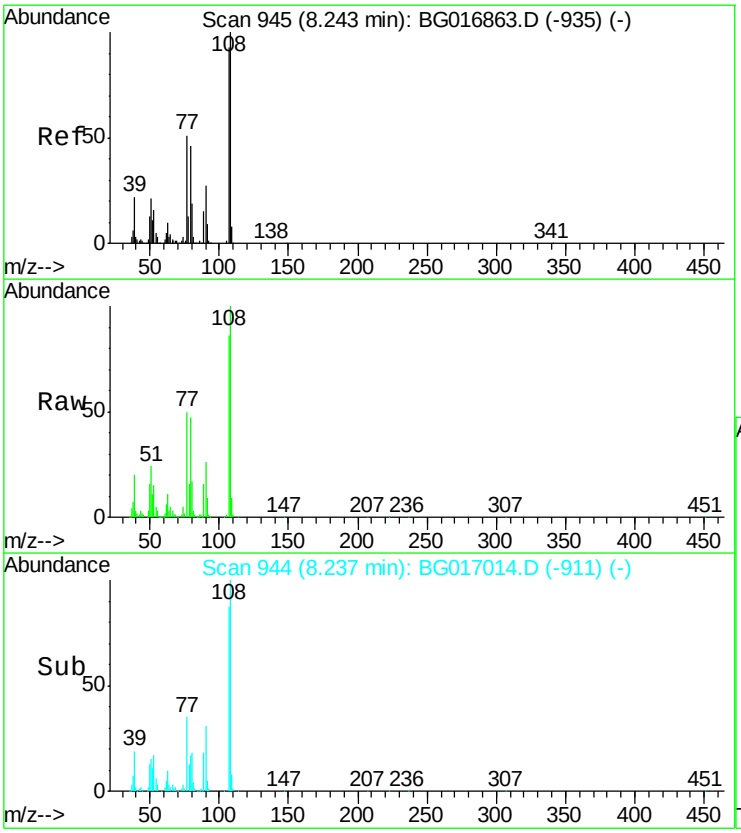
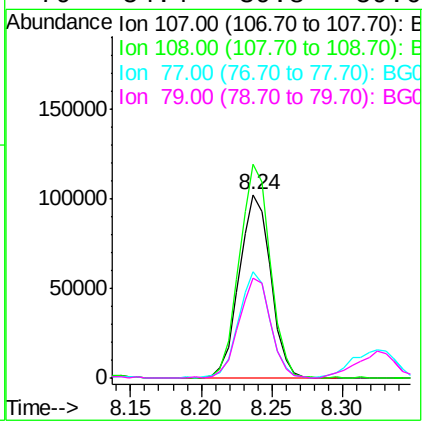
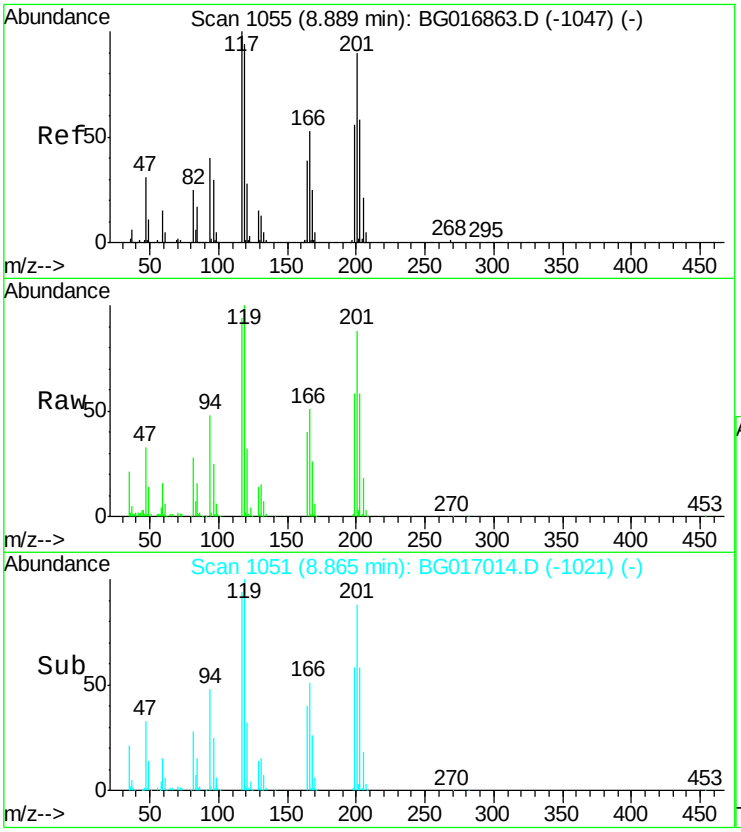


#17
2-Methylphenol
Concen: 40.86 ng
RT: 8.24 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:107 Resp: 159739

Ion	Ratio	Lower	Upper
107	100		
108	116.6	85.9	128.9
77	58.1	43.8	65.6
79	54.4	39.8	59.6

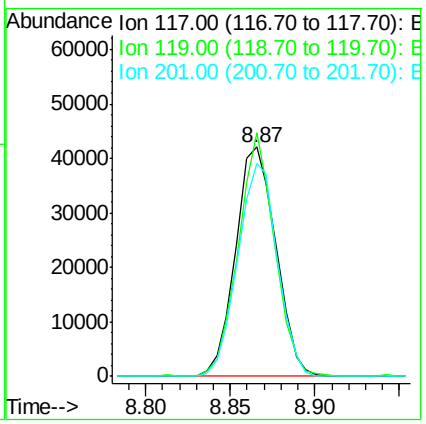




#18
Hexachloroethane
Concen: 36.27 ng
RT: 8.87 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:117 Resp: 69907

Ion	Ratio	Lower	Upper
117	100		
119	106.4	74.8	112.2
201	93.1	72.1	108.1



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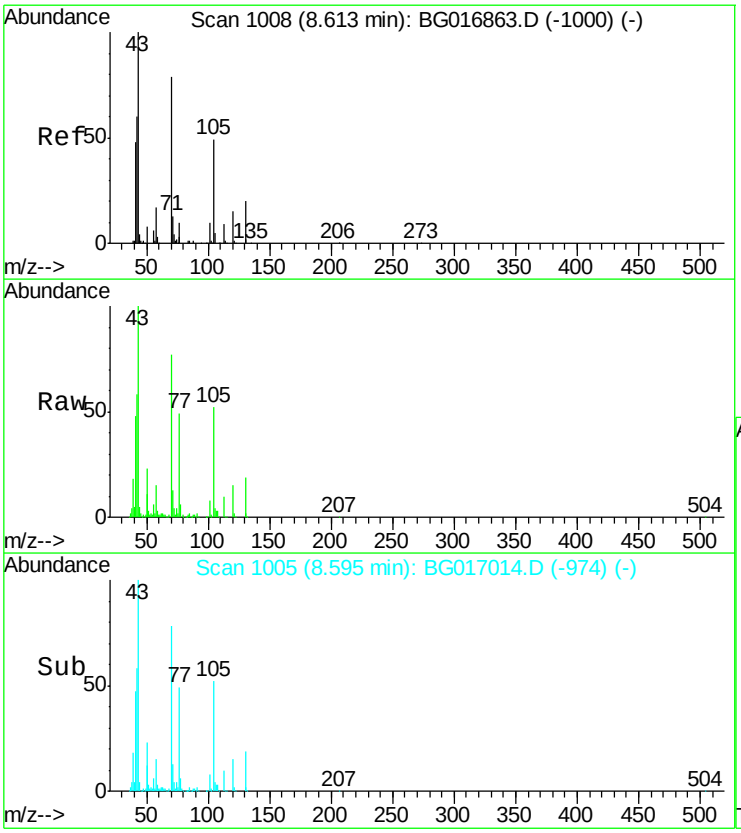
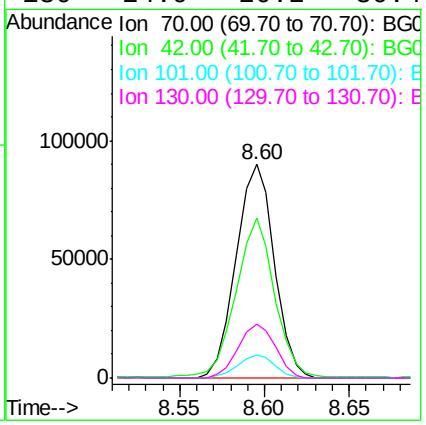
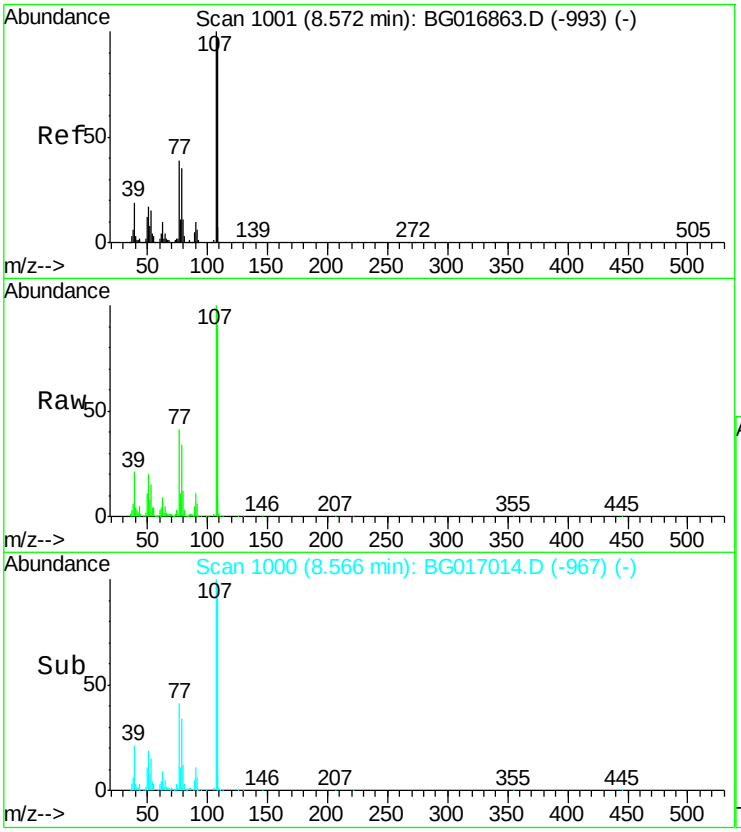


#19
n-Nitroso-di-n-propylamine
Concen: 31.18 ng
RT: 8.60 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 70 Resp: 141557

Ion	Ratio	Lower	Upper
70	100		
42	75.2	61.5	92.3
101	10.9	9.8	14.6
130	24.9	20.2	30.4

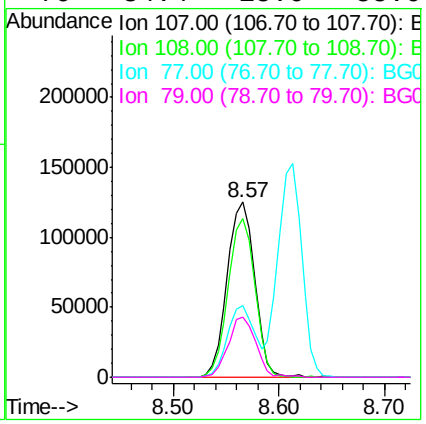




#20
3+4-Methylphenols
Concen: 41.85 ng
RT: 8.57 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:107 Resp: 225469

Ion	Ratio	Lower	Upper
107	100		
108	90.9	76.6	116.6
77	41.1	19.0	59.0
79	34.4	15.0	55.0



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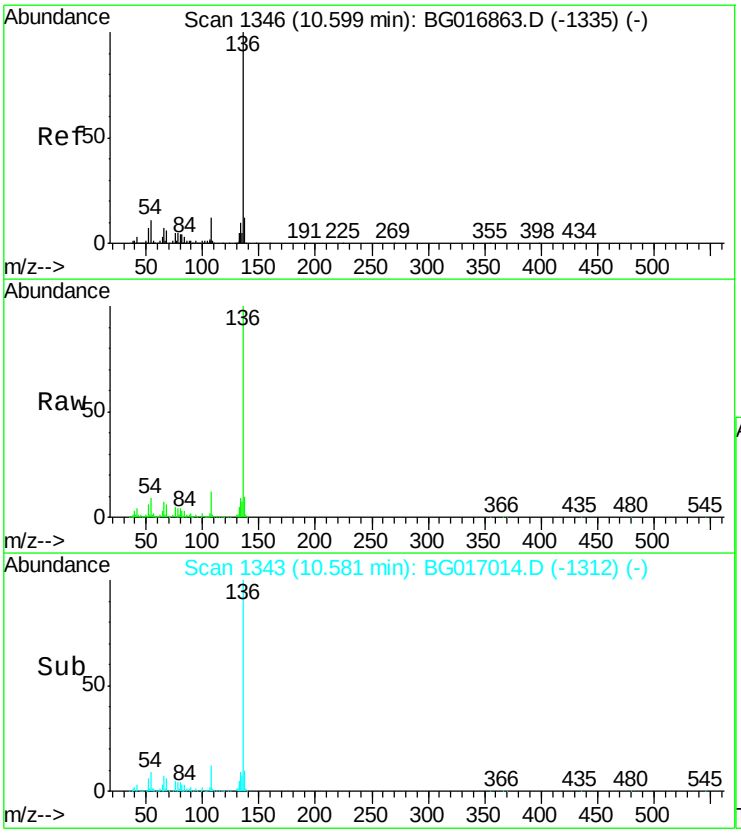
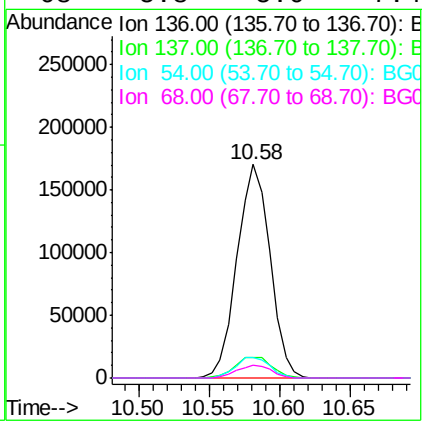
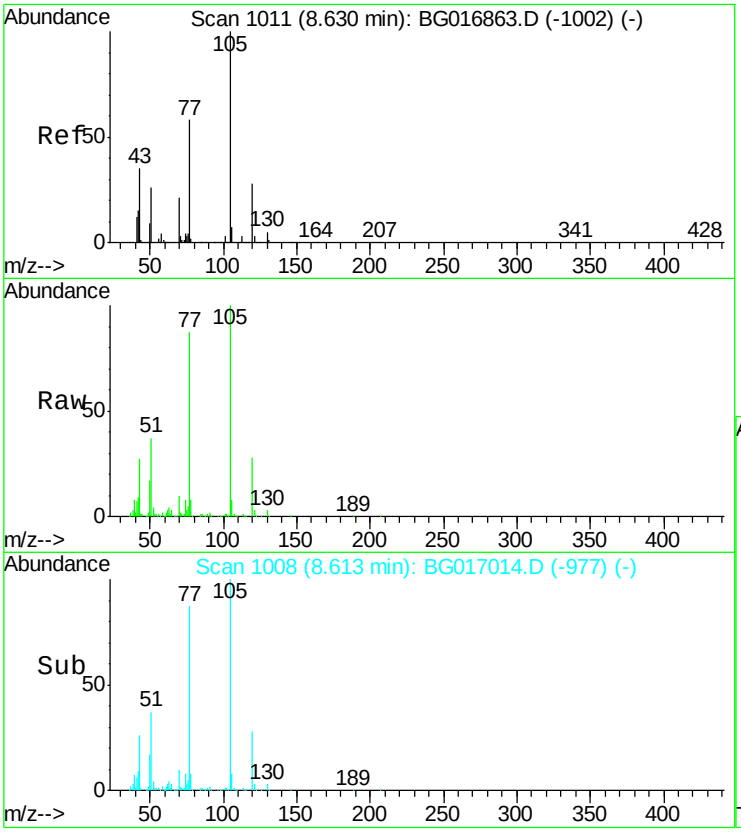


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:136 Resp: 279496

Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.8	14.8#
54	9.3	8.7	13.1
68	5.8	5.0	7.4

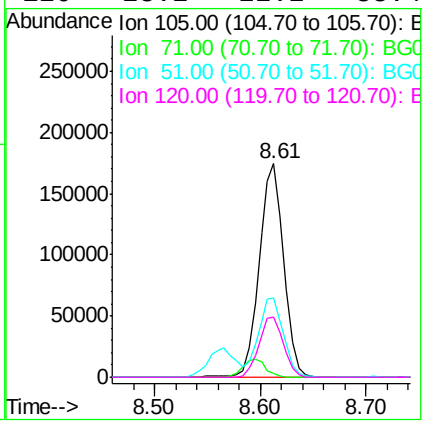




#22
Acetophenone
Concen: 41.92 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:105 Resp: 279093

Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.8	4.2#
51	37.3	29.4	44.2
120	28.2	22.2	33.4



Instrument :
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ClientSampleId :
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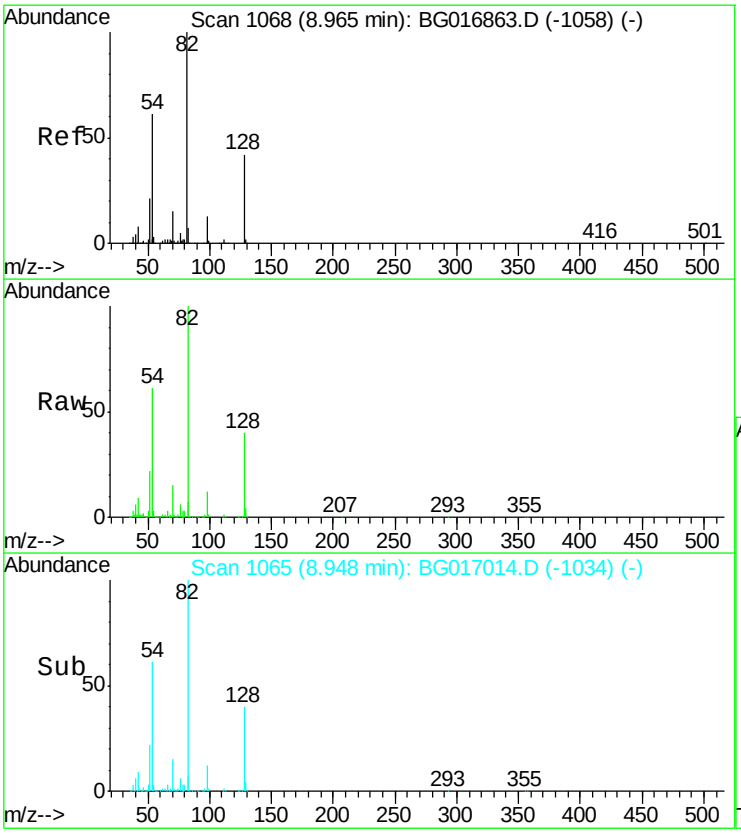
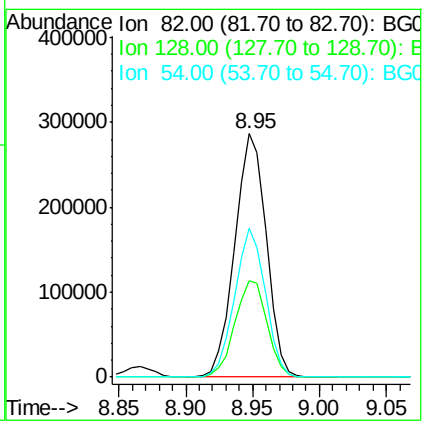
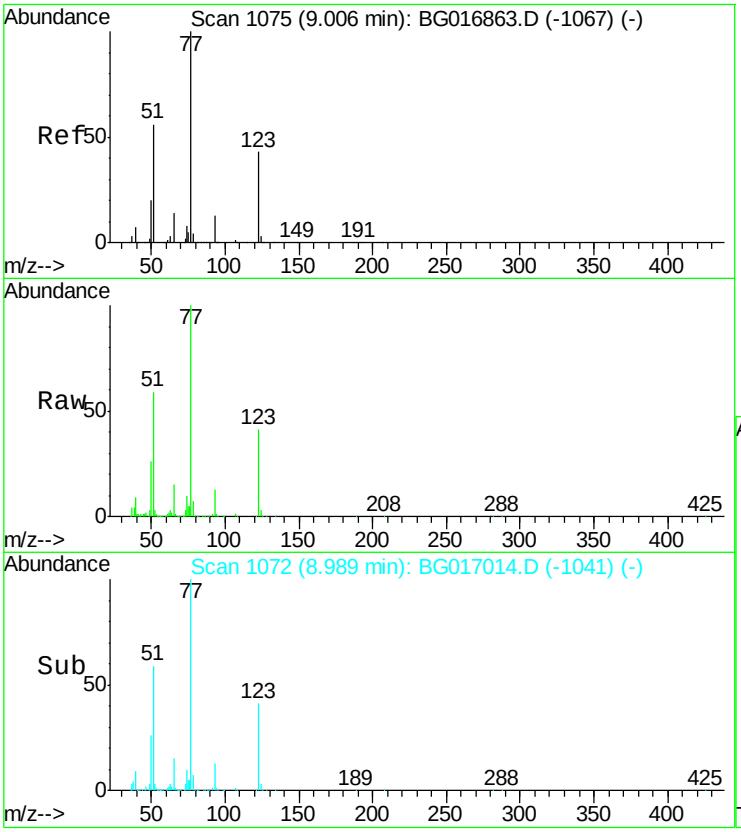


#23
Nitrobenzene-d5
Concen: 81.63 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 82 Resp: 467023

Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.2	49.8
54	61.2	48.6	72.8

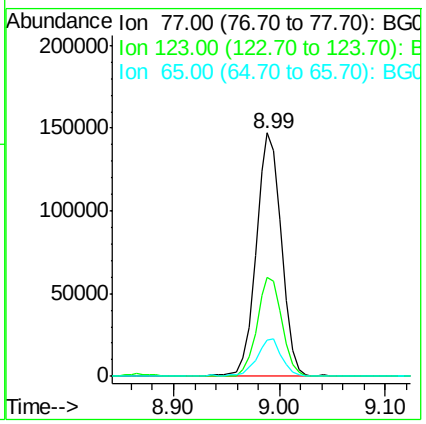




#24
Nitrobenzene
Concen: 42.30 ng
RT: 8.99 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 77 Resp: 244413

Ion	Ratio	Lower	Upper
77	100		
123	40.6	34.0	51.0
65	15.0	11.2	16.8



Instrument :
BNA_G
ClientSampleId :
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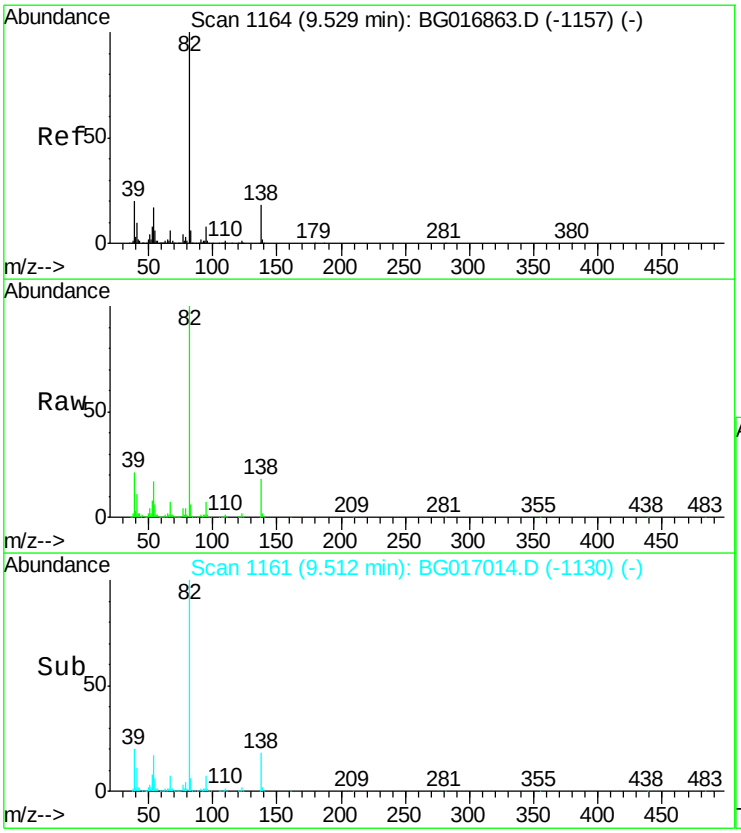
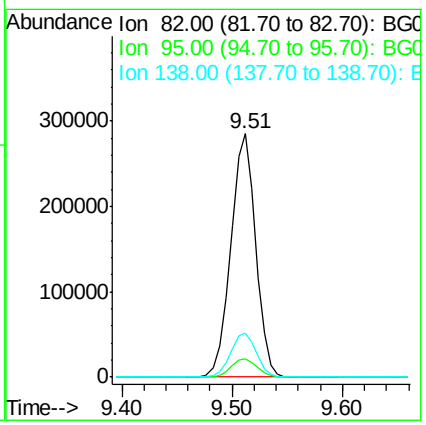
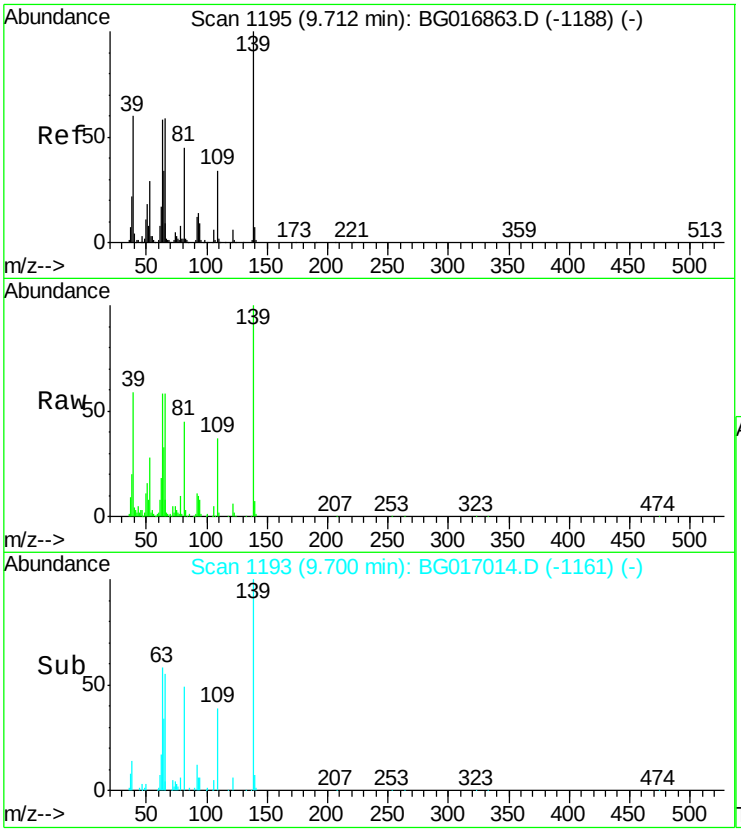


#25
Isophorone
Concen: 38.90 ng
RT: 9.51 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 82 Resp: 449356

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.7	10.1
138	18.1	14.7	22.1

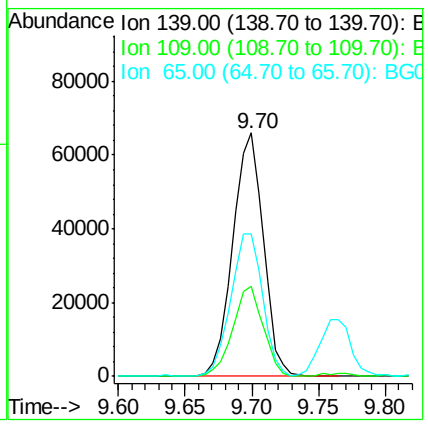




#26
2-Nitrophenol
Concen: 44.77 ng
RT: 9.70 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:139 Resp: 105321

Ion	Ratio	Lower	Upper
139	100		
109	37.1	27.4	41.2
65	58.3	47.1	70.7



Instrument :
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ClientSampleId :
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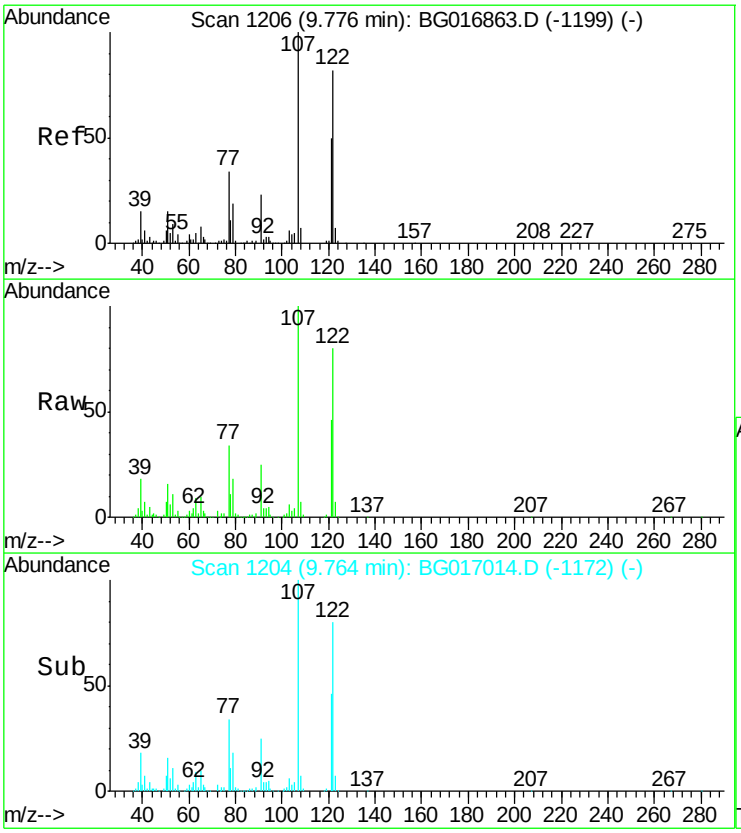
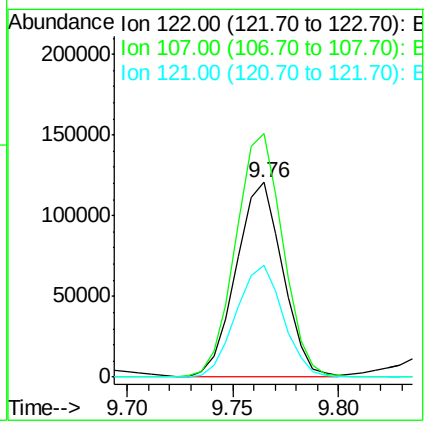
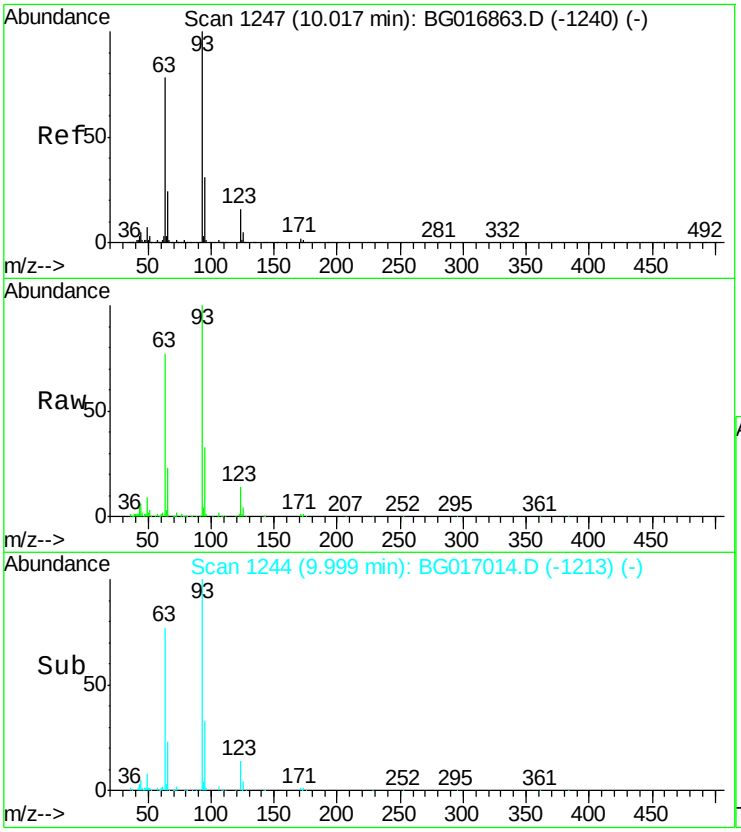


#27
2,4-Dimethylphenol
Concen: 43.11 ng
RT: 9.76 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:122 Resp: 183540

Ion	Ratio	Lower	Upper
122	100		
107	125.1	97.6	146.4
121	57.3	48.4	72.6

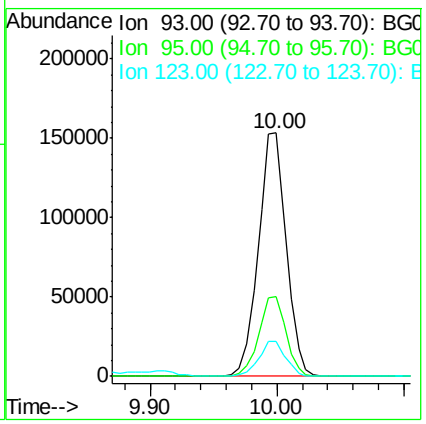




#28
bis(2-Chloroethoxy)methane
Concen: 40.29 ng
RT: 10.00 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 93 Resp: 234950

Ion	Ratio	Lower	Upper
93	100		
95	32.8	24.8	37.2
123	14.2	12.6	19.0



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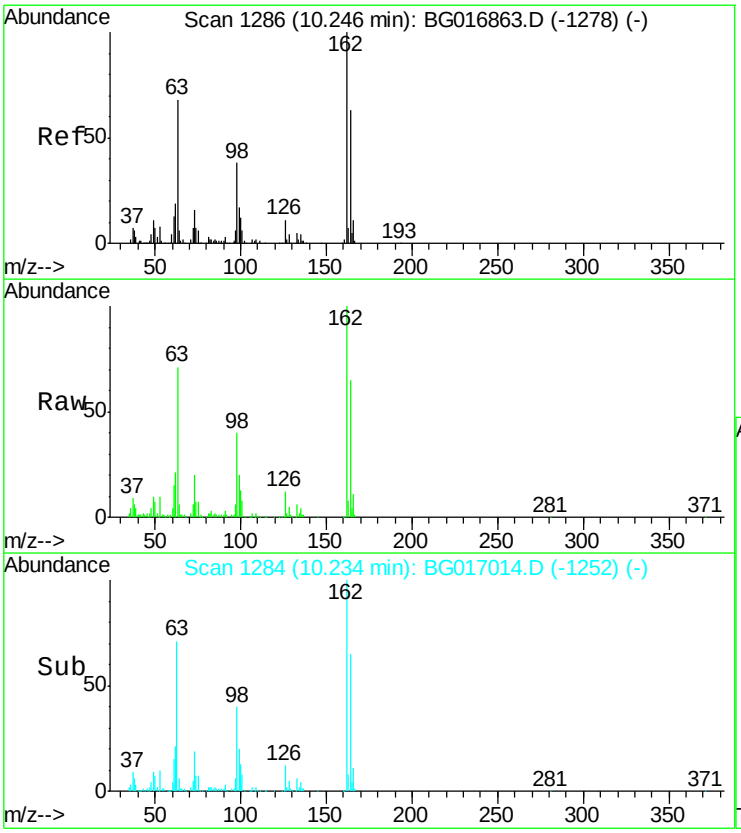
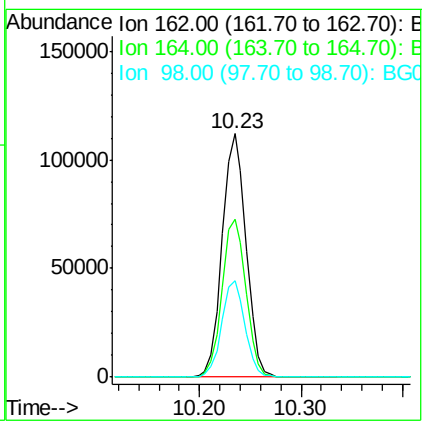
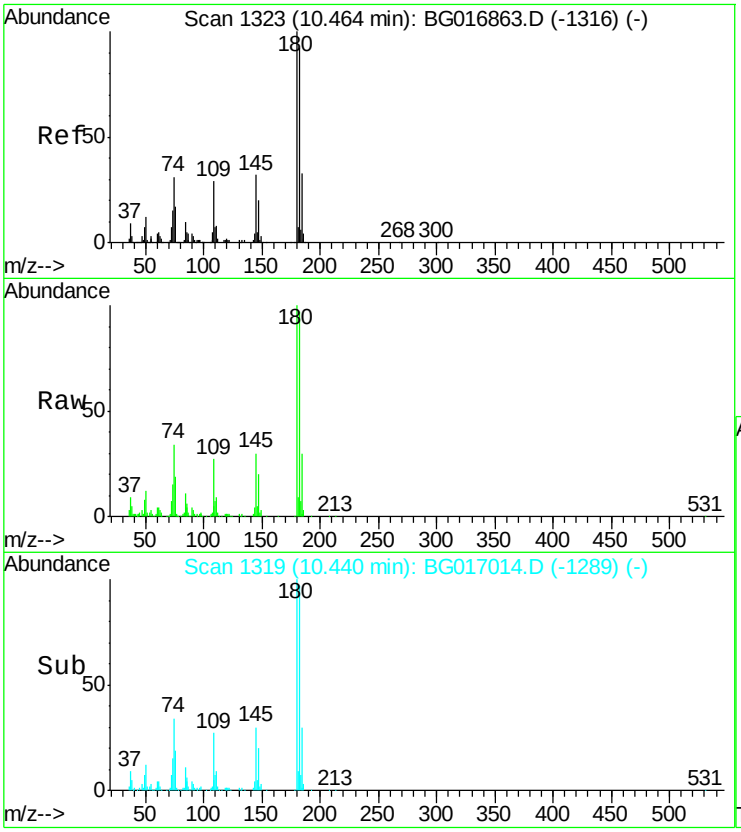


#29
2,4-Dichlorophenol
Concen: 45.38 ng
RT: 10.23 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:162 Resp: 182520

Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.9	82.9
98	39.5	18.4	58.4

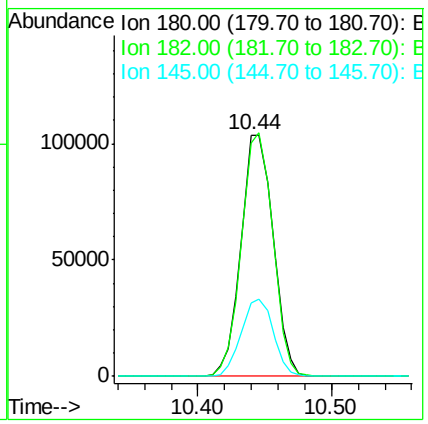




#30
1,2,4-Trichlorobenzene
Concen: 40.57 ng
RT: 10.44 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:180 Resp: 173015

Ion	Ratio	Lower	Upper
180	100		
182	97.0	73.8	110.8
145	30.4	25.4	38.0



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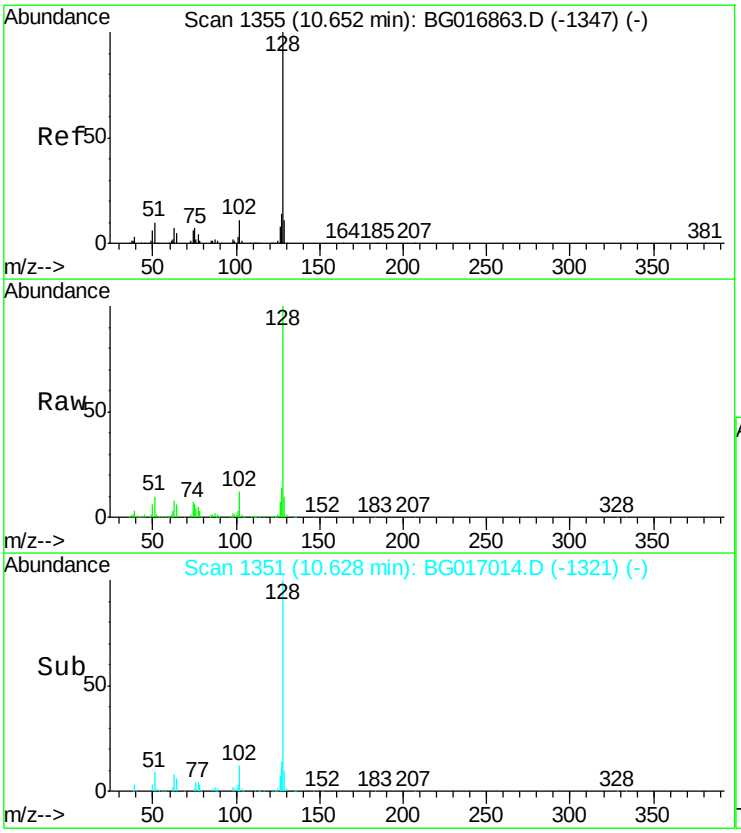
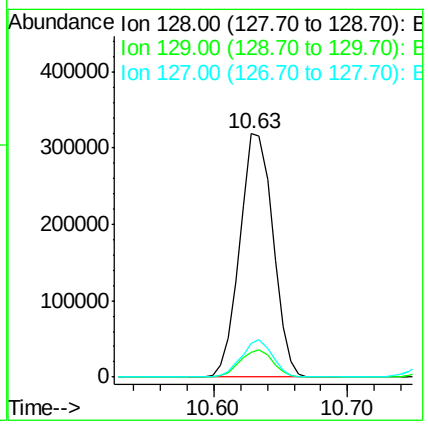
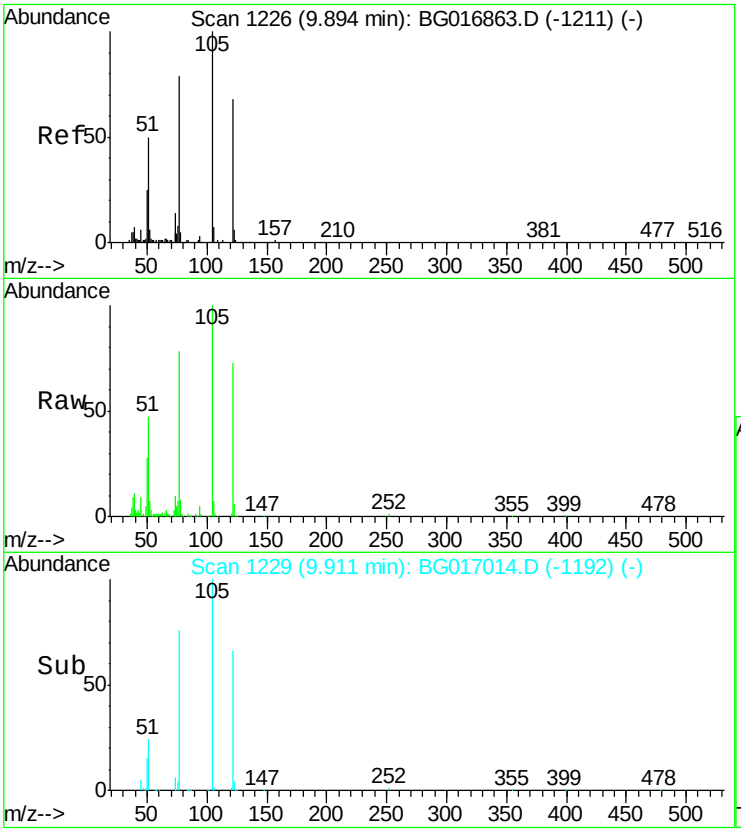


#31
Naphthalene
Concen: 39.53 ng
RT: 10.63 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:128 Resp: 549544

Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.1	13.7
127	13.7	10.9	16.3

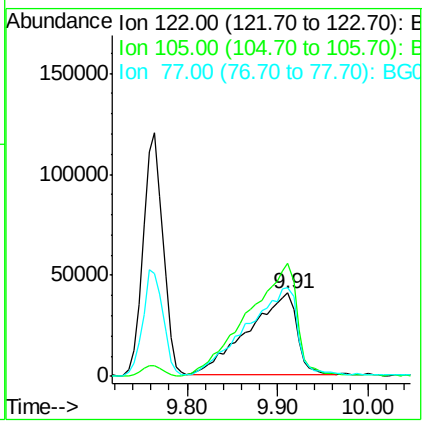




#32
Benzoic acid
Concen: 55.72 ng
RT: 9.91 min Scan# 1229
Delta R.T. 0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:122 Resp: 151219

Ion	Ratio	Lower	Upper
122	100		
105	136.3	123.2	163.2
77	106.1	93.0	133.0



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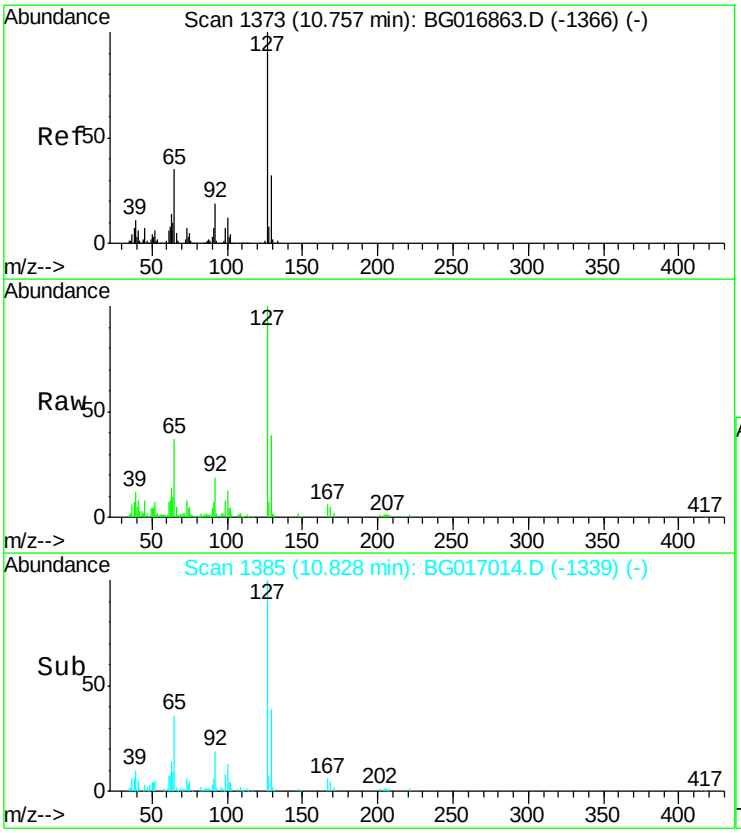
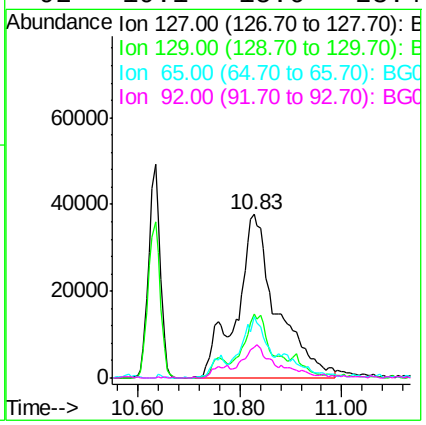
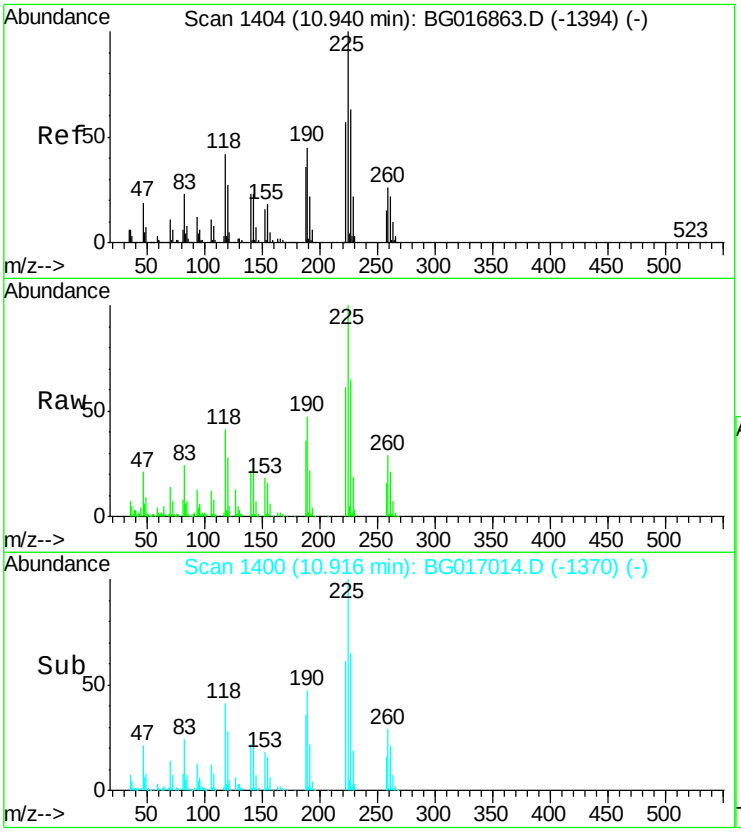


#33
4-Chloroaniline
Concen: 32.14 ng m
RT: 10.83 min Scan# 1385
Delta R.T. 0.07 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:127 Resp: 206328

Ion	Ratio	Lower	Upper
127	100		
129	39.4	25.8	38.6#
65	37.2	28.2	42.2
92	19.1	15.6	23.4

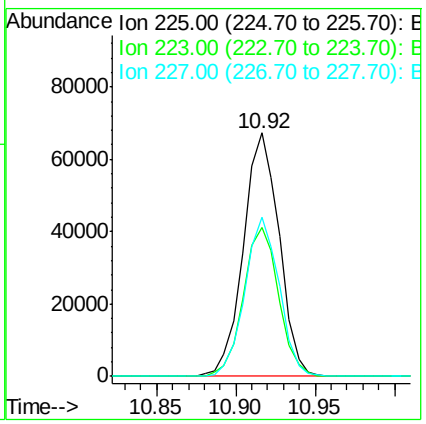




#34
Hexachlorobutadiene
Concen: 39.46 ng
RT: 10.92 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:225 Resp: 105337

Ion	Ratio	Lower	Upper
225	100		
223	61.1	45.8	68.6
227	65.3	50.7	76.1



Instrument :
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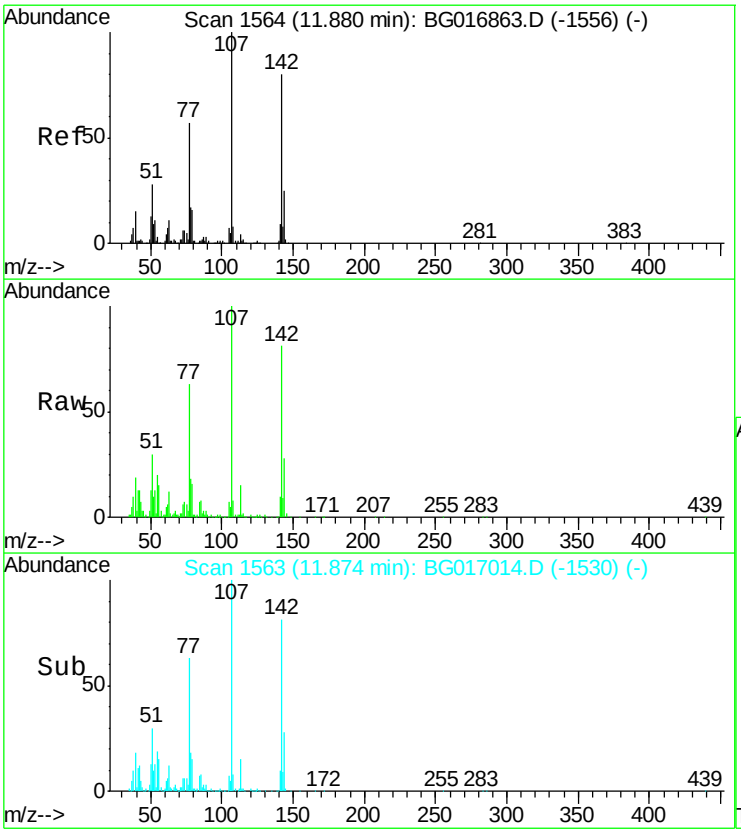
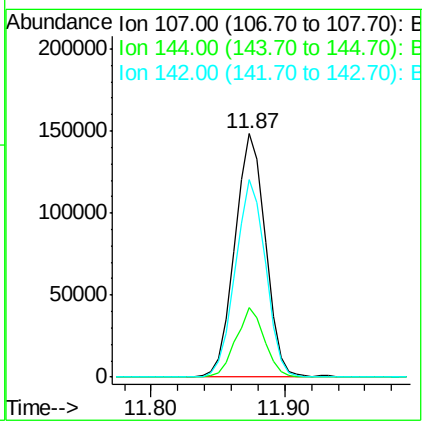
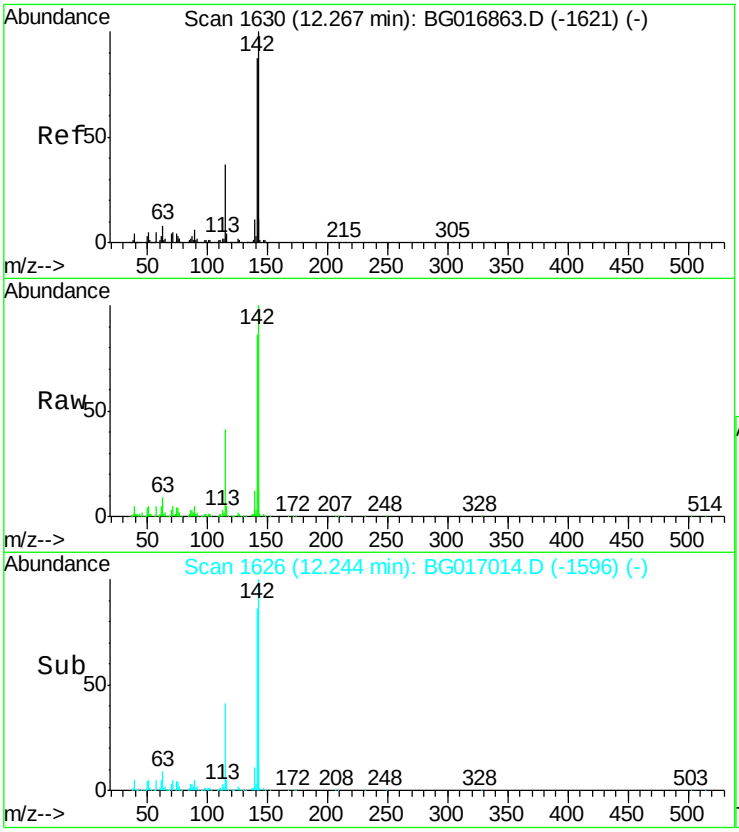


#36
4-Chloro-3-methylphenol
Concen: 45.76 ng
RT: 11.87 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:107 Resp: 235673

Ion	Ratio	Lower	Upper
107	100		
144	28.3	20.2	30.2
142	81.0	64.2	96.2

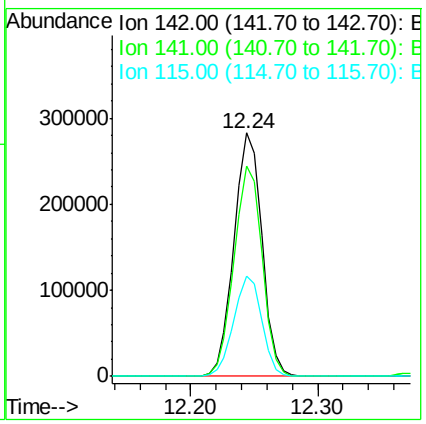




#37
2-Methylnaphthalene
Concen: 40.68 ng
RT: 12.24 min Scan# 1626
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:142 Resp: 430766

Ion	Ratio	Lower	Upper
142	100		
141	86.5	69.9	104.9
115	41.1	29.8	44.8



Instrument :
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ClientSampleId :
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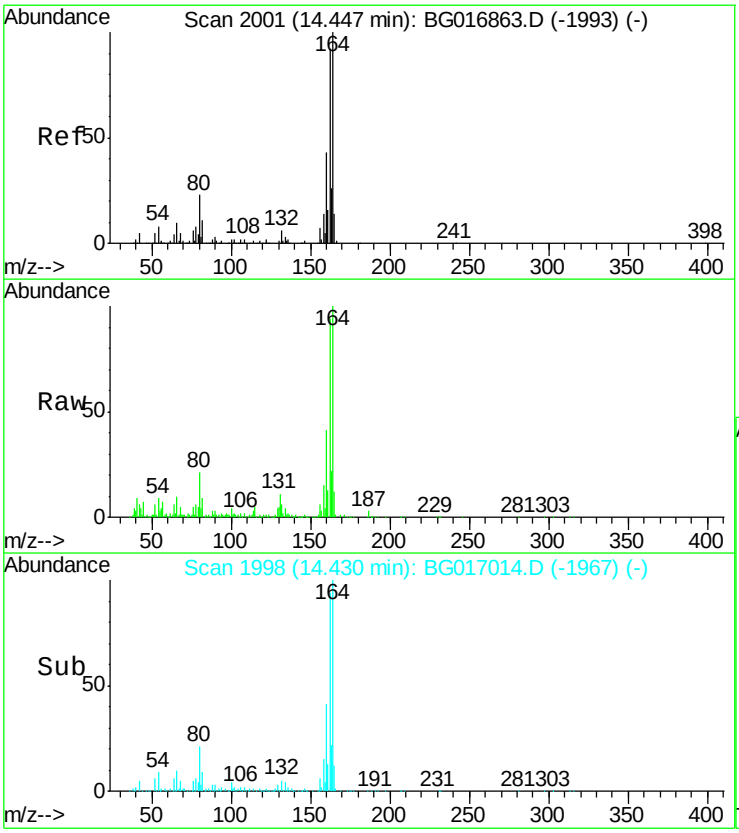
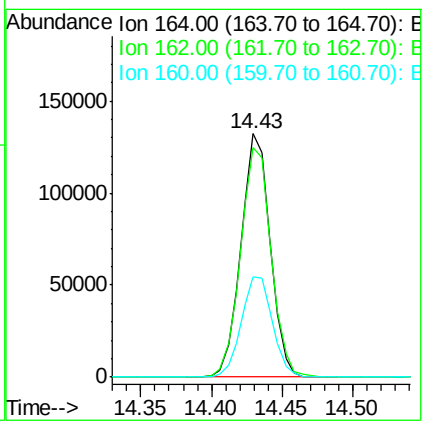
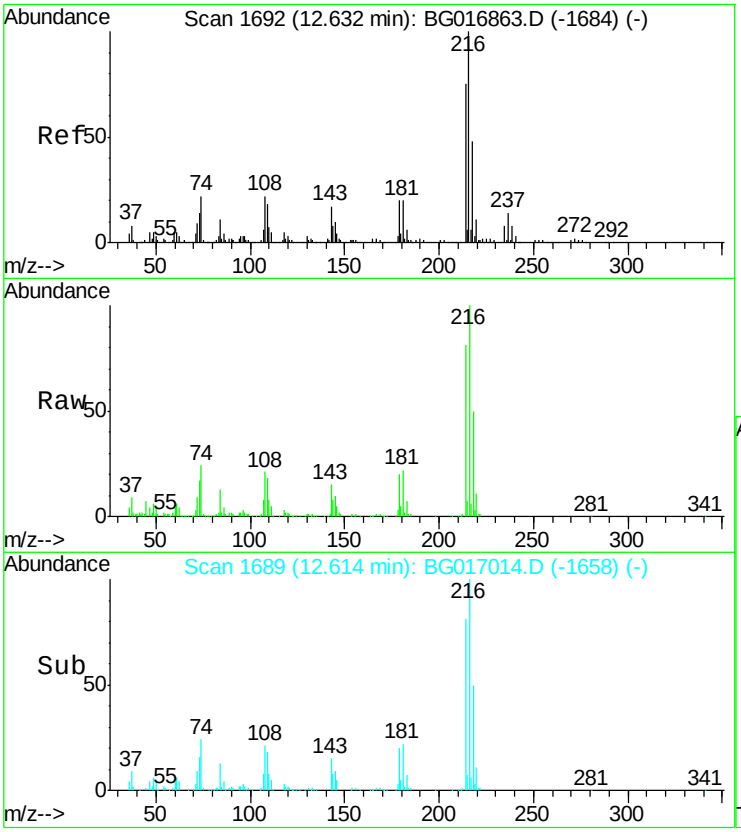


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:164 Resp: 191132

Ion	Ratio	Lower	Upper
164	100		
162	94.5	74.0	111.0
160	41.3	34.7	52.1





#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.06 ng
RT: 12.61 min Scan# 1689
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

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ClientSampleId :
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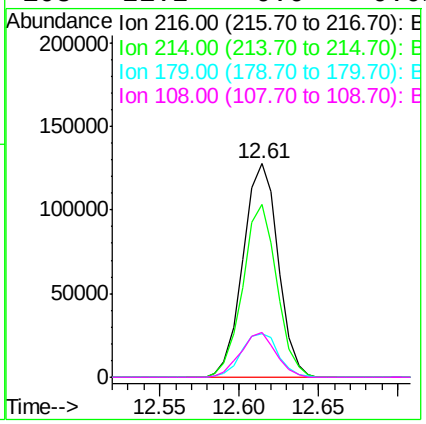
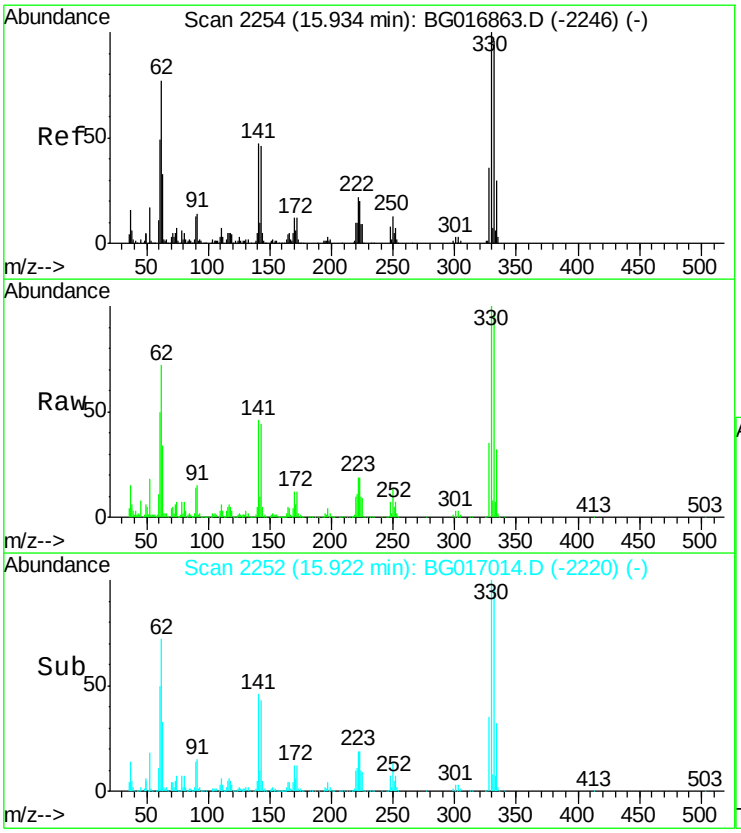
Tgt Ion:216 Resp: 196649

Ion	Ratio	Lower	Upper
216	100		
214	78.4	0.0	0.0#
179	21.5	0.0	0.0#
108	21.2	0.0	0.0#

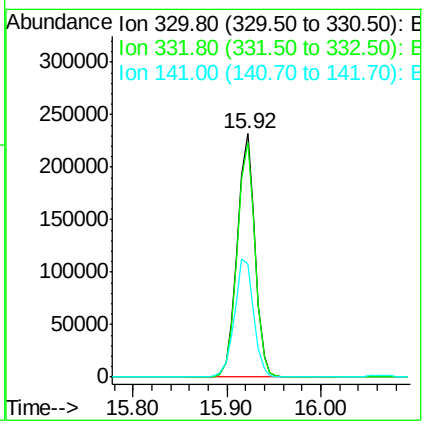


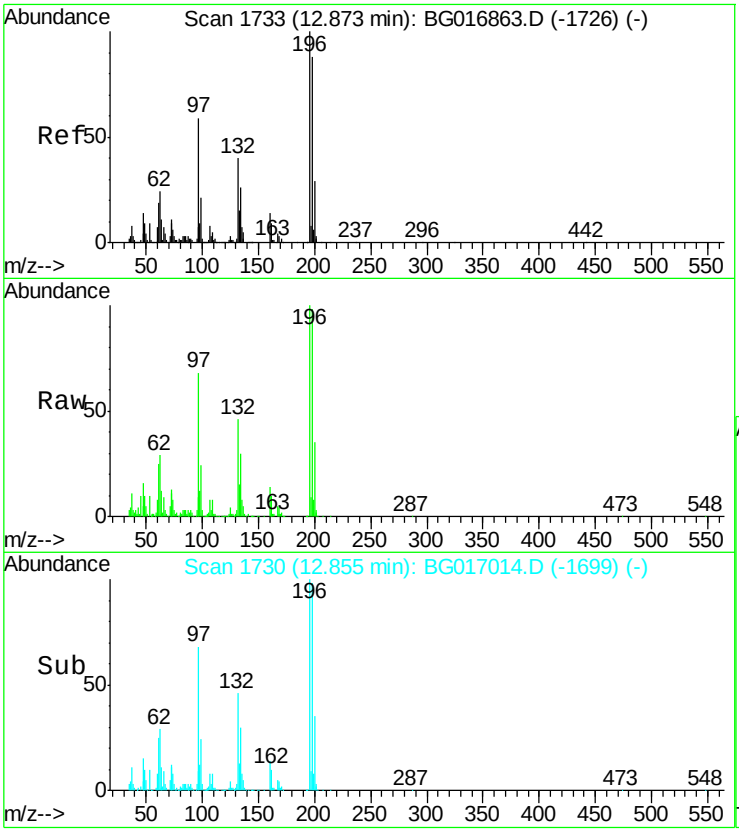


#41
2,4,6-Tribromophenol
Concen: 158.93 ng
RT: 15.92 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:330 Resp: 304958

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	51.9	0.0	0.0#

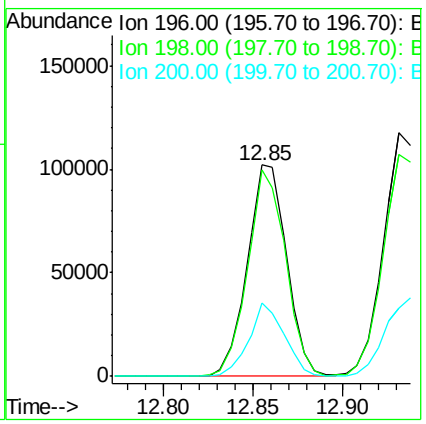




#42
2,4,6-Trichlorophenol
Concen: 42.61 ng m
RT: 12.85 min Scan# 1730
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:196 Resp: 156033

Ion	Ratio	Lower	Upper
196	100		
198	97.6	70.7	106.1
200	34.5	23.0	34.4#



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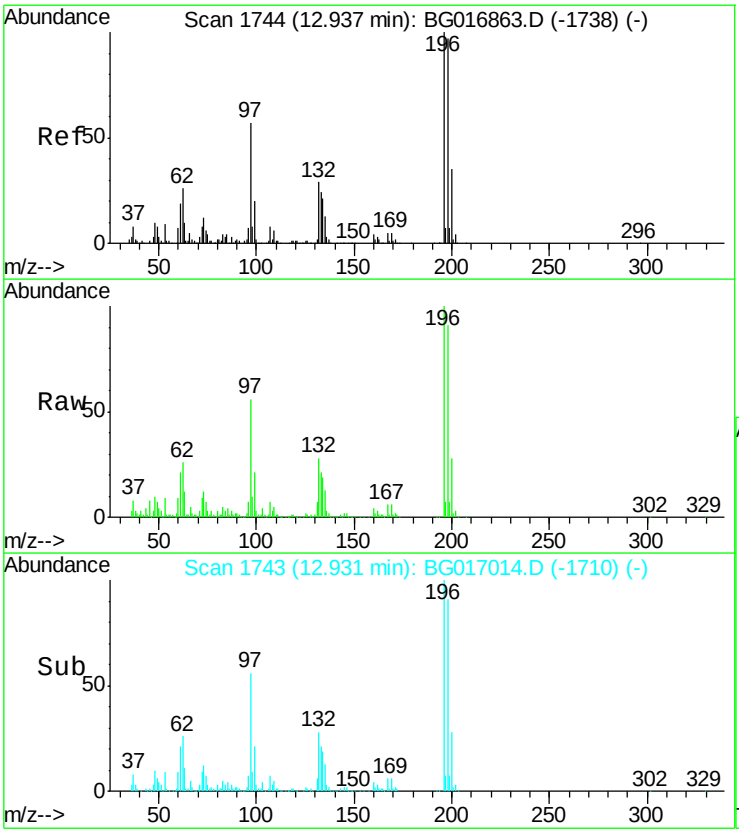
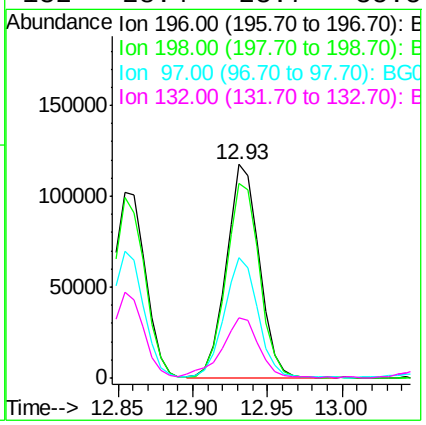
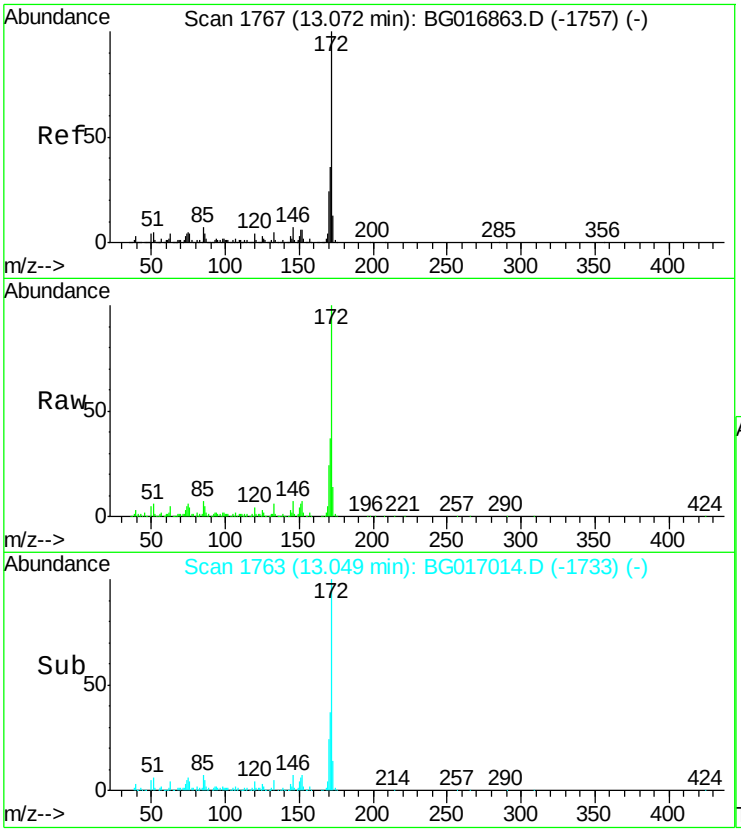


#43
2,4,5-Trichlorophenol
Concen: 46.51 ng
RT: 12.93 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:196 Resp: 180765

Ion	Ratio	Lower	Upper
196	100		
198	90.9	77.5	116.3
97	56.1	45.9	68.9
132	28.4	23.7	35.5

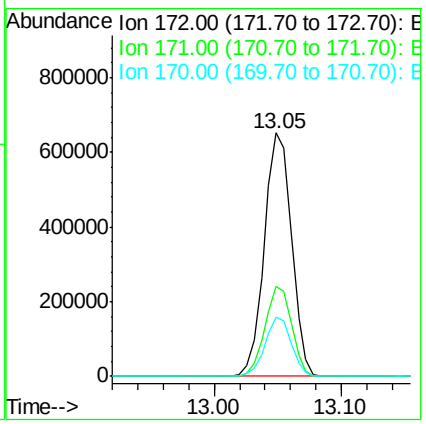




#44
2-Fluorobiphenyl
Concen: 76.82 ng
RT: 13.05 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:172 Resp: 972989

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.0	43.4
170	24.3	19.0	28.4



Instrument :
BNA_G
ClientSampleId :
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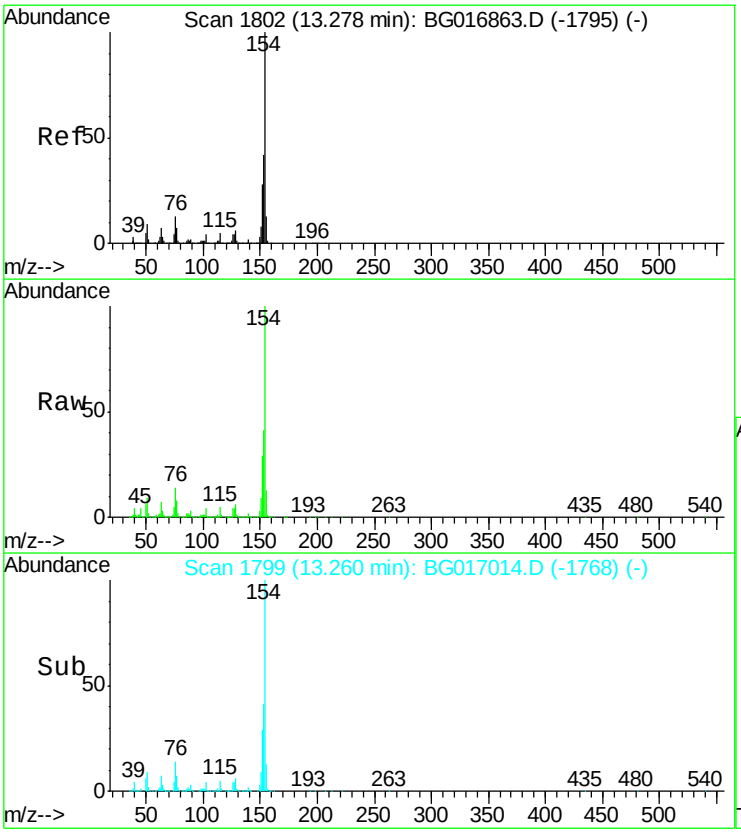
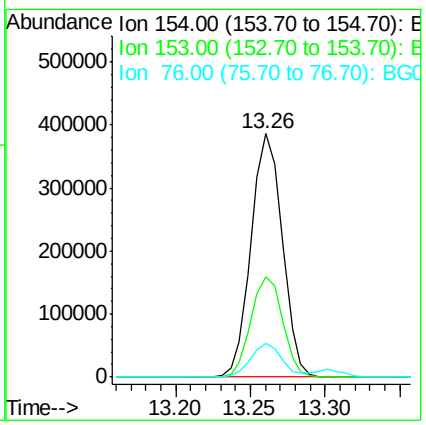
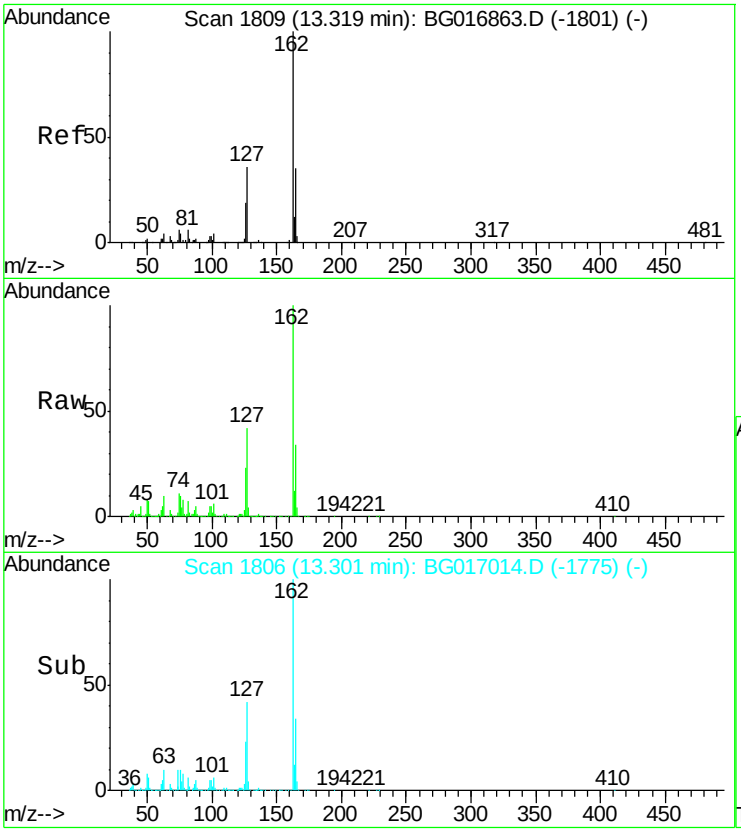


#45
1,1'-Biphenyl
Concen: 40.58 ng
RT: 13.26 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:154 Resp: 555321

Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.0	62.0
76	13.8	0.0	33.3

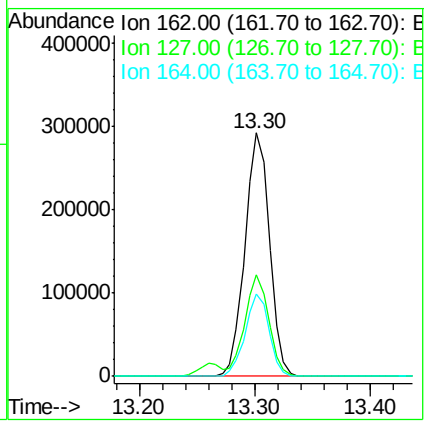




#46
2-Chloronaphthalene
Concen: 39.90 ng
RT: 13.30 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:162 Resp: 432434

Ion	Ratio	Lower	Upper
162	100		
127	41.6	31.2	46.8
164	33.9	27.8	41.6



Instrument :
BNA_G
ClientSampleId :
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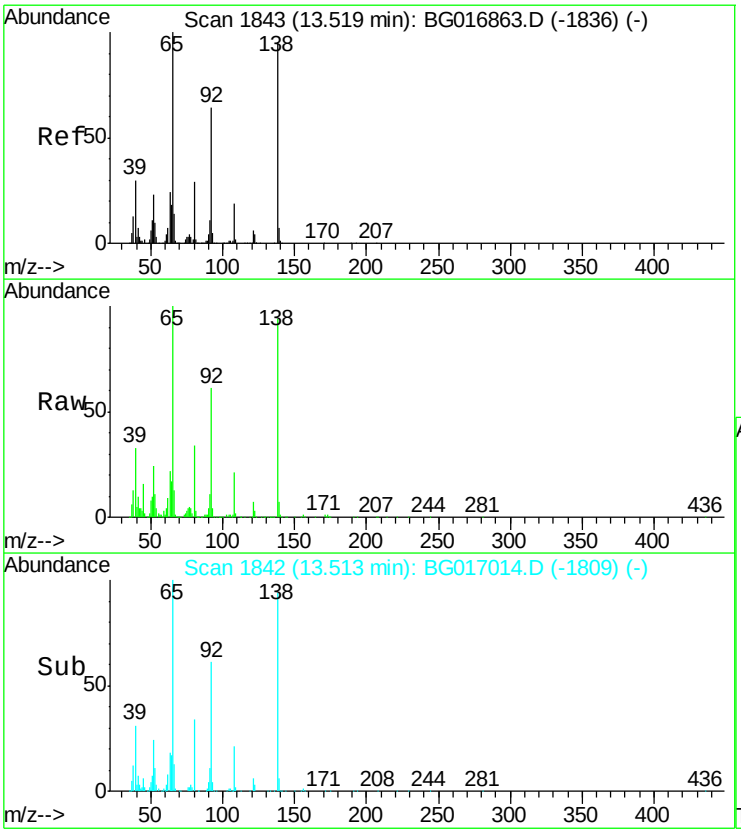
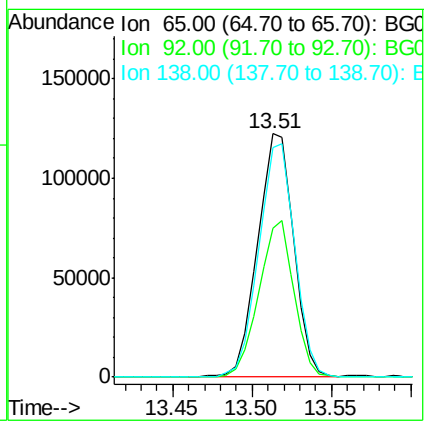
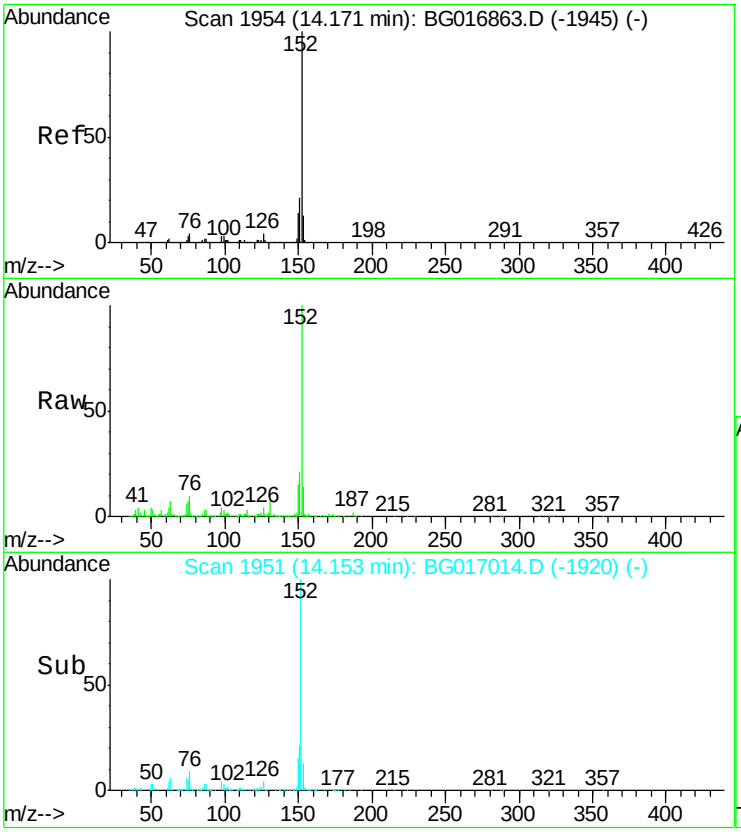


#47
2-Nitroaniline
Concen: 51.21 ng
RT: 13.51 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 65 Resp: 193220

Ion	Ratio	Lower	Upper
65	100		
92	61.0	51.0	76.6
138	94.3	76.2	114.2

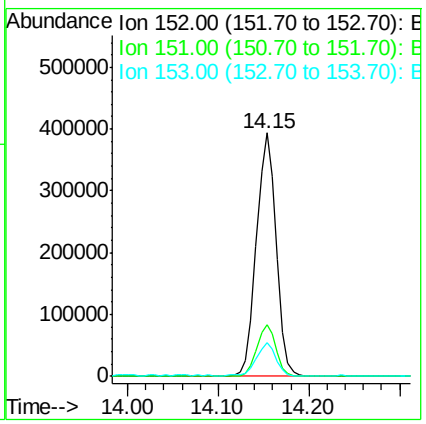




#48
Acenaphthylene
Concen: 31.42 ng
RT: 14.15 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:152 Resp: 593087

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.4
153	13.7	10.7	16.1



Instrument :
BNA_G
ClientSampleId :
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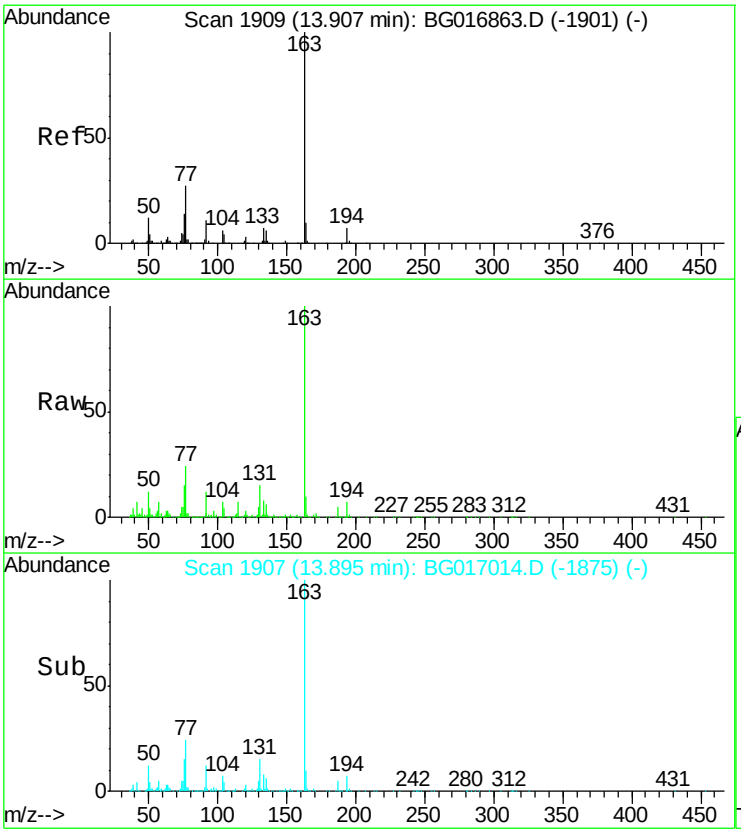
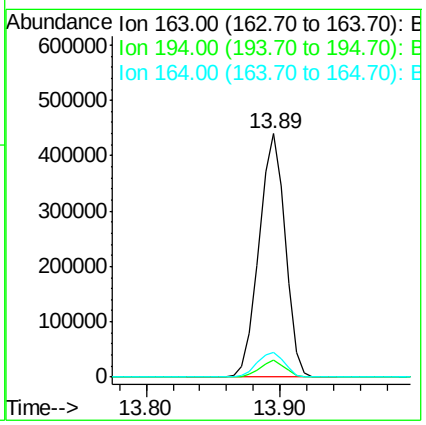
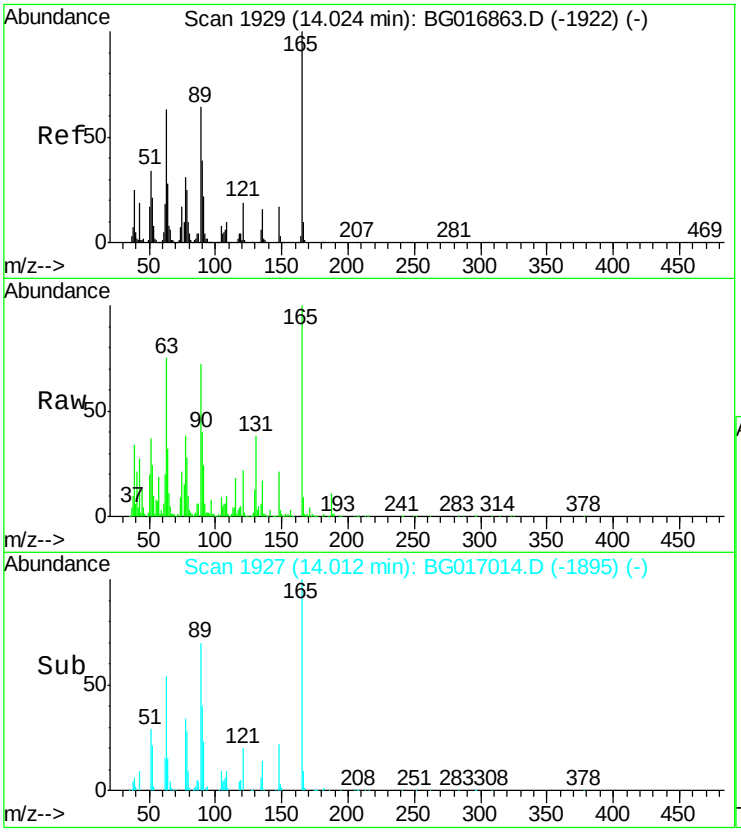


#49
Dimethylphthalate
Concen: 41.69 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:163 Resp: 595038

Ion	Ratio	Lower	Upper
163	100		
194	6.9	5.2	7.8
164	10.3	8.4	12.6

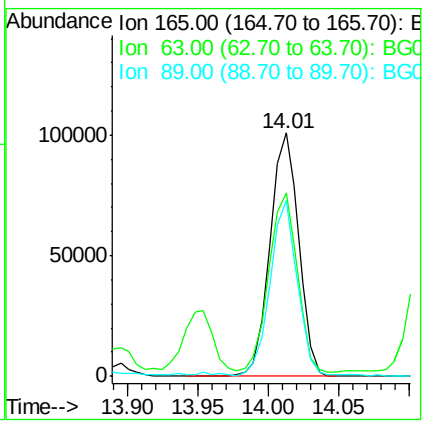




#50
2,6-Dinitrotoluene
Concen: 48.45 ng
RT: 14.01 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:165 Resp: 143568

Ion	Ratio	Lower	Upper
165	100		
63	75.4	50.9	76.3
89	72.1	51.4	77.2



Instrument :
BNA_G
ClientSampleId :
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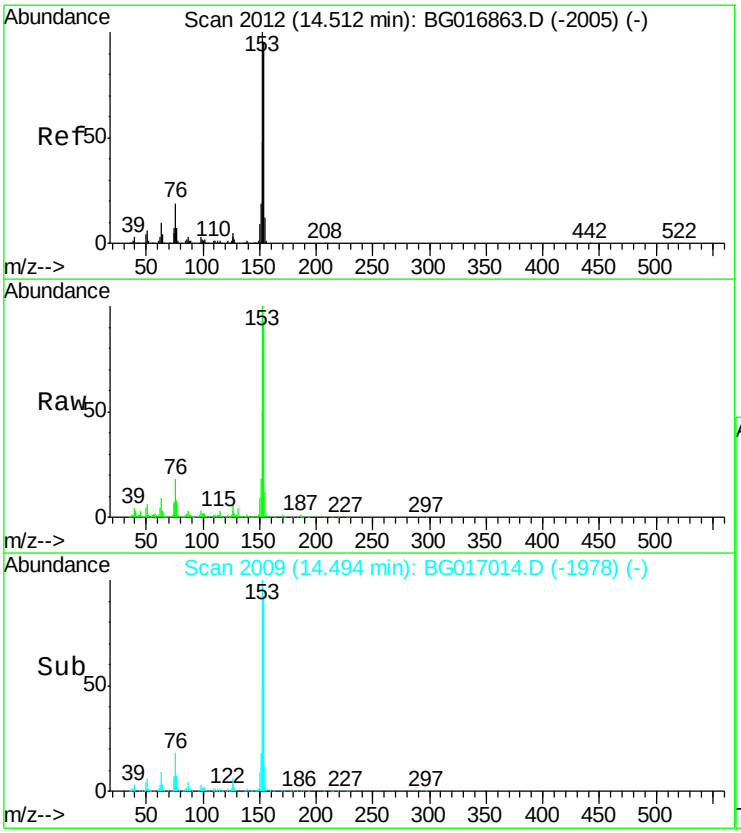
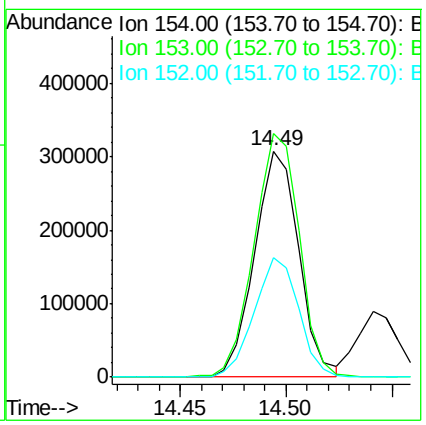
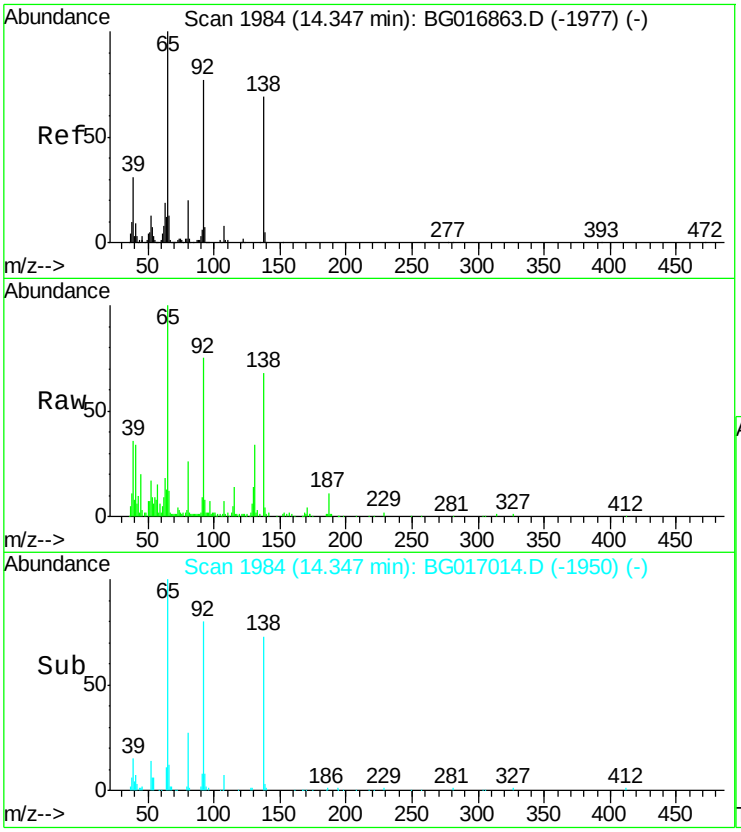


#51
Acenaphthene
Concen: 40.00 ng
RT: 14.49 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:154 Resp: 449292

Ion	Ratio	Lower	Upper
154	100		
153	107.8	84.2	126.4
152	53.1	40.2	60.2

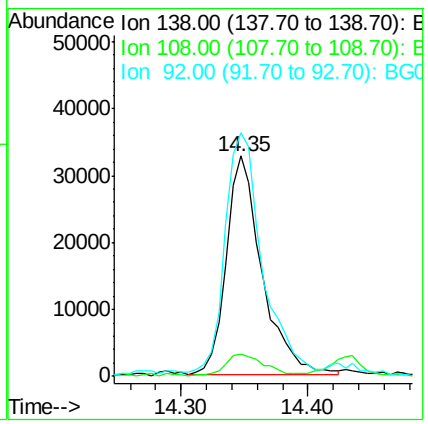




#52
3-Nitroaniline
Concen: 18.67 ng
RT: 14.35 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:138 Resp: 62927

Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.5	14.3
92	110.4	89.6	134.4



Instrument :
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ClientSampleId :
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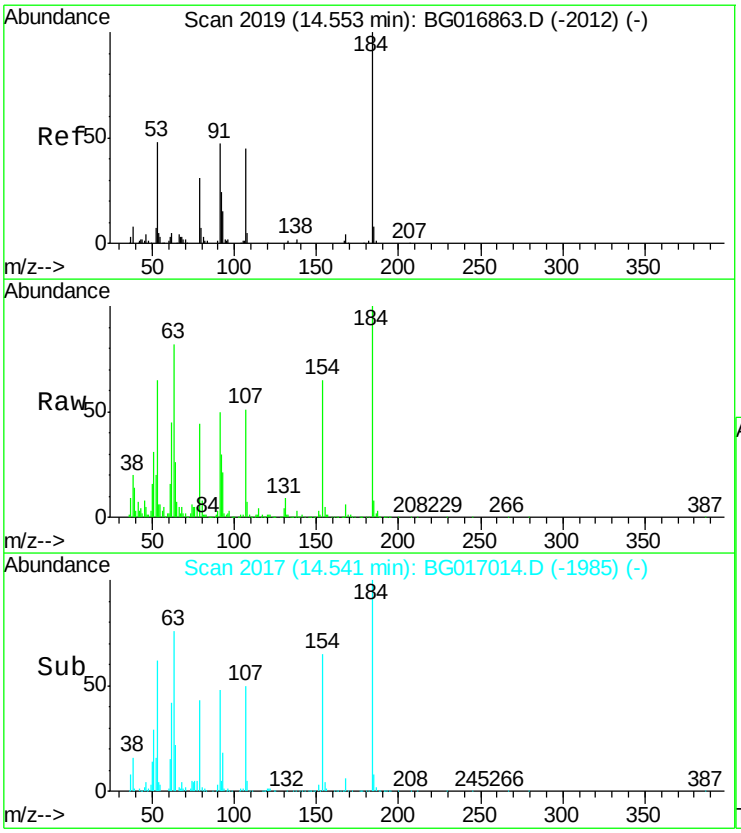
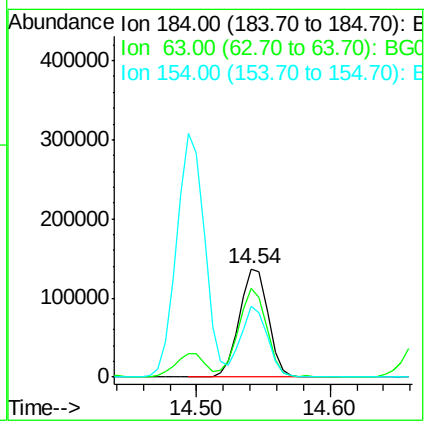
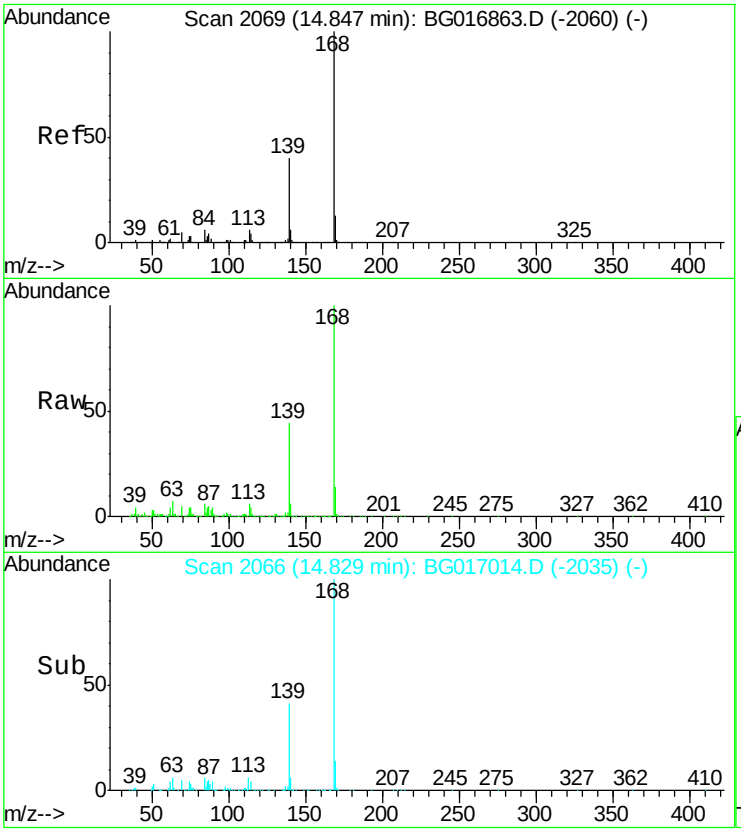


#53
2,4-Dinitrophenol
Concen: 150.98 ng
RT: 14.54 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:184 Resp: 204626

Ion	Ratio	Lower	Upper
184	100		
63	82.3	53.4	80.0#
154	65.0	41.0	61.6#

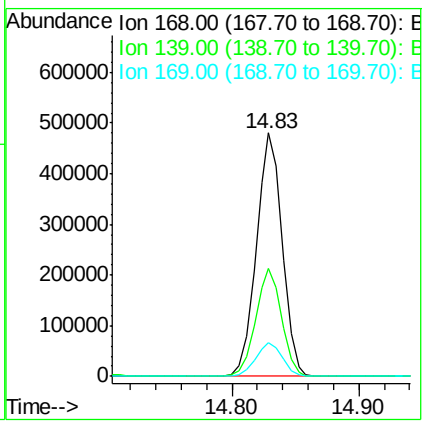




#54
Dibenzofuran
Concen: 42.63 ng
RT: 14.83 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:168 Resp: 680065

Ion	Ratio	Lower	Upper
168	100		
139	44.2	32.5	48.7
169	13.7	10.4	15.6



Instrument :
BNA_G
ClientSampleId :
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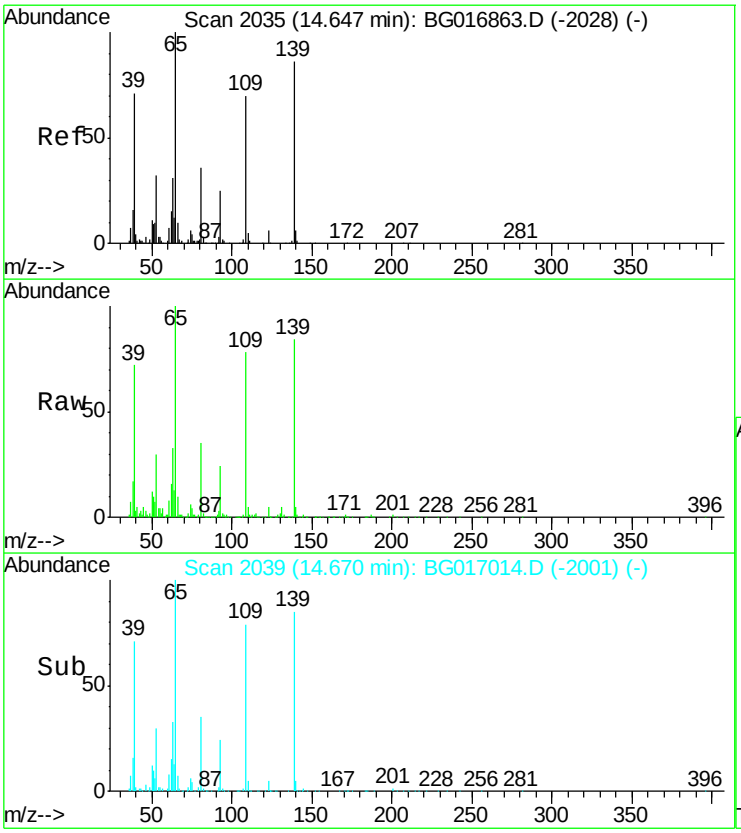
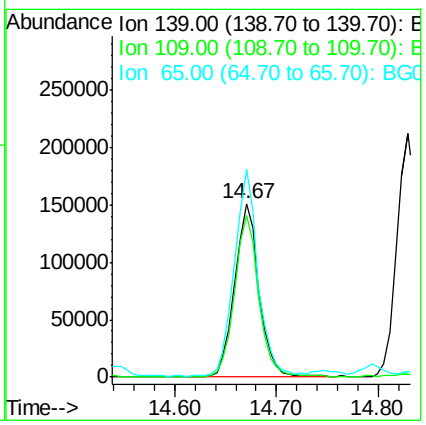
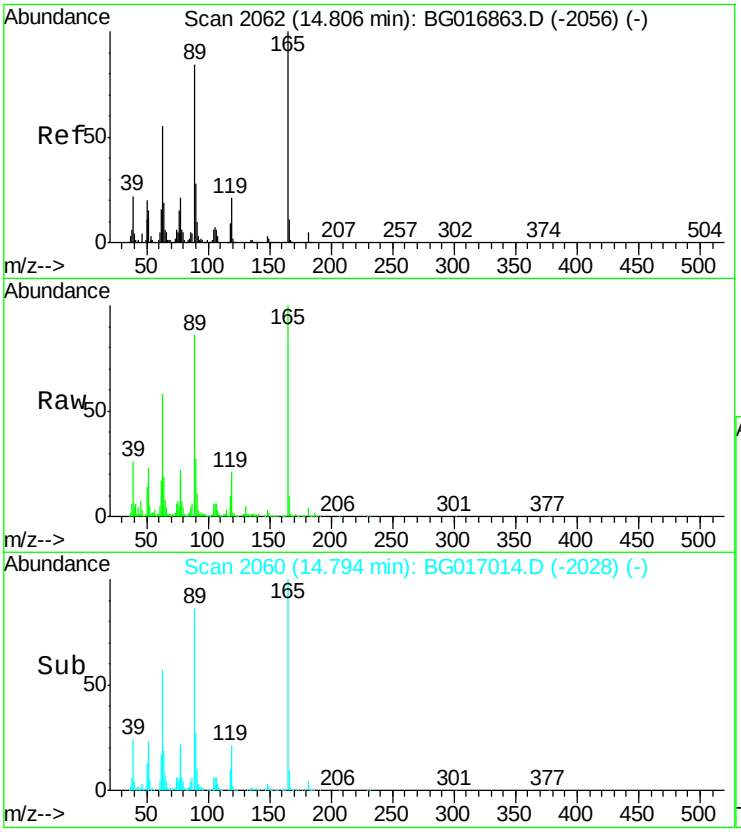


#55
4-Nitrophenol
Concen: 88.76 ng
RT: 14.67 min Scan# 2039
Delta R.T. 0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:139 Resp: 253713

Ion	Ratio	Lower	Upper
139	100		
109	93.4	61.8	101.8
65	119.7	96.8	136.8

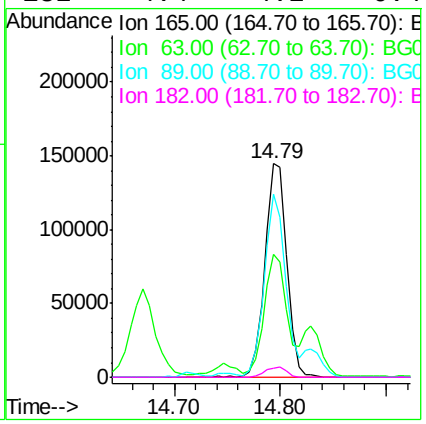




#56
2,4-Dinitrotoluene
Concen: 54.72 ng
RT: 14.79 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:165 Resp: 207429

Ion	Ratio	Lower	Upper
165	100		
63	57.6	44.2	66.4
89	85.7	67.2	100.8
182	4.4	4.2	6.4



Instrument :
BNA_G
ClientSampleId :
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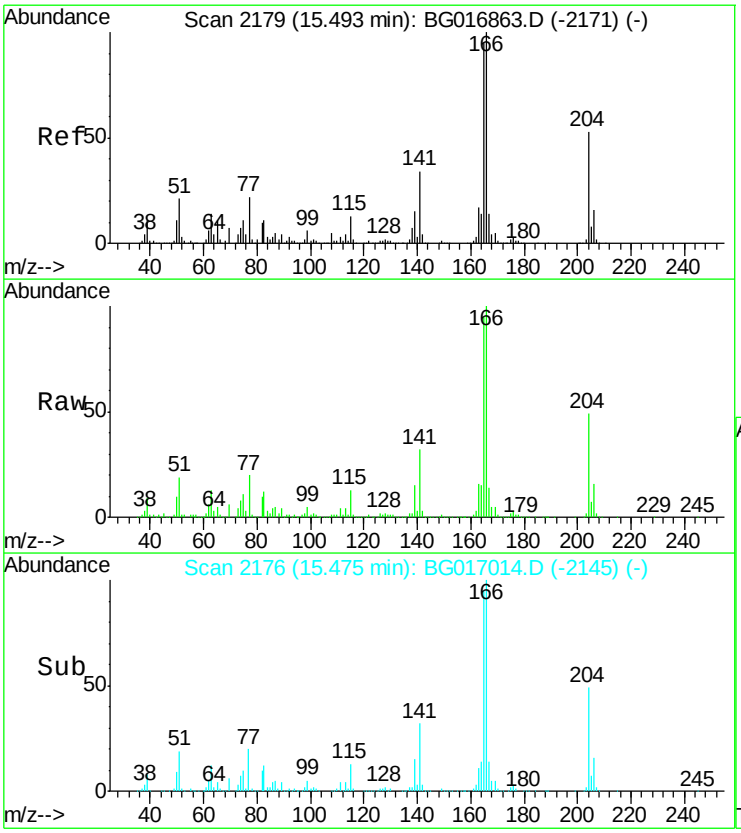
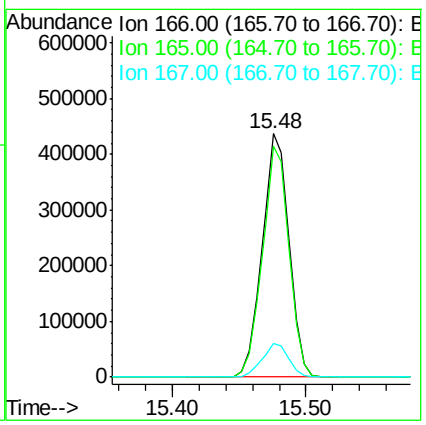
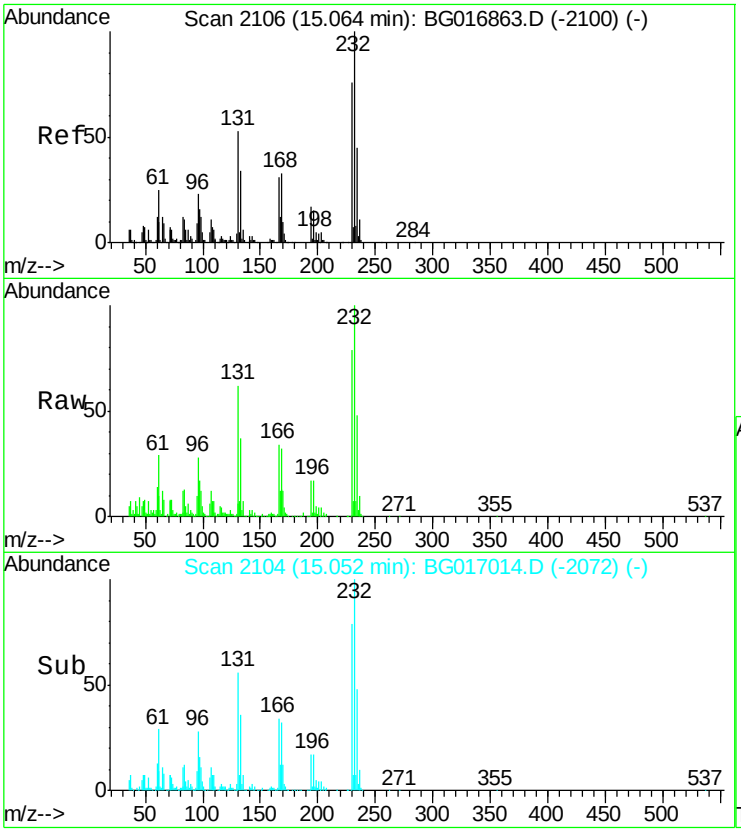


#57
Fluorene
Concen: 42.91 ng
RT: 15.48 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:166 Resp: 605981

Ion	Ratio	Lower	Upper
166	100		
165	94.9	76.1	114.1
167	14.0	11.4	17.2

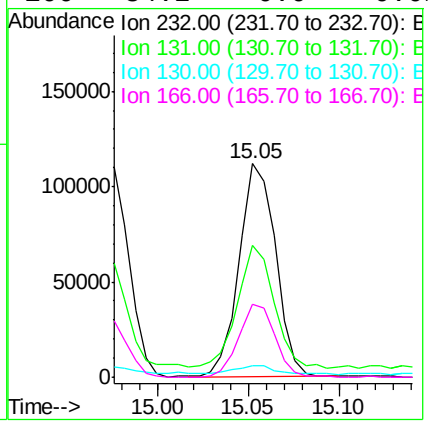




#58
2,3,4,6-Tetrachlorophenol
Concen: 46.81 ng
RT: 15.05 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:232 Resp: 156987

Ion	Ratio	Lower	Upper
232	100		
131	55.7	0.1	0.1#
130	4.9	0.0	0.0#
166	34.2	0.0	0.0#



Instrument :
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ClientSampleId :
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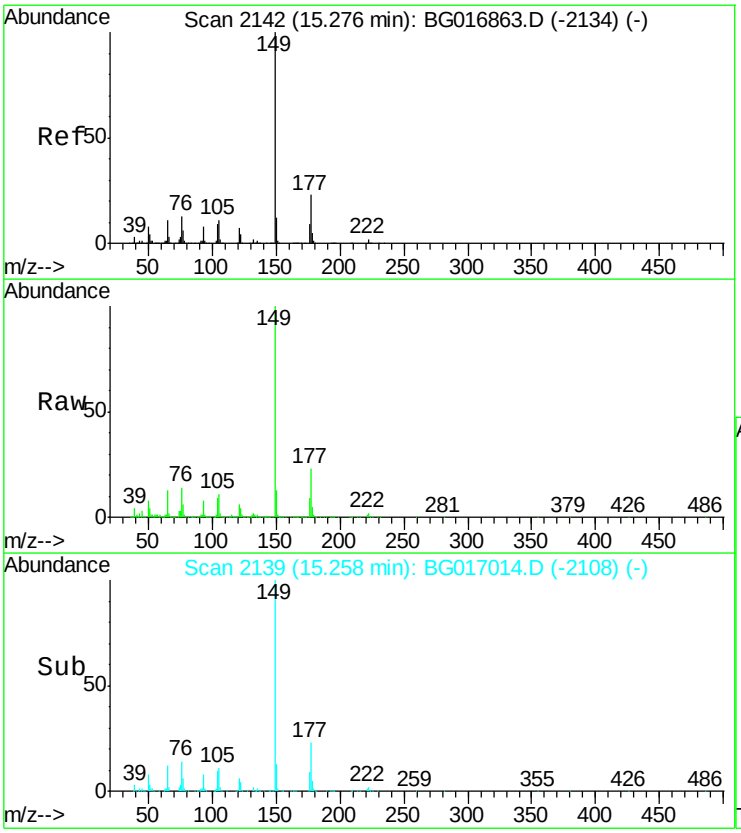
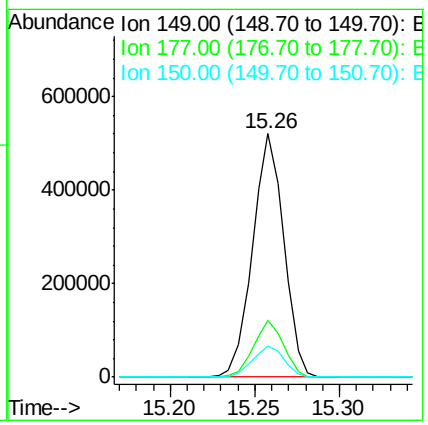
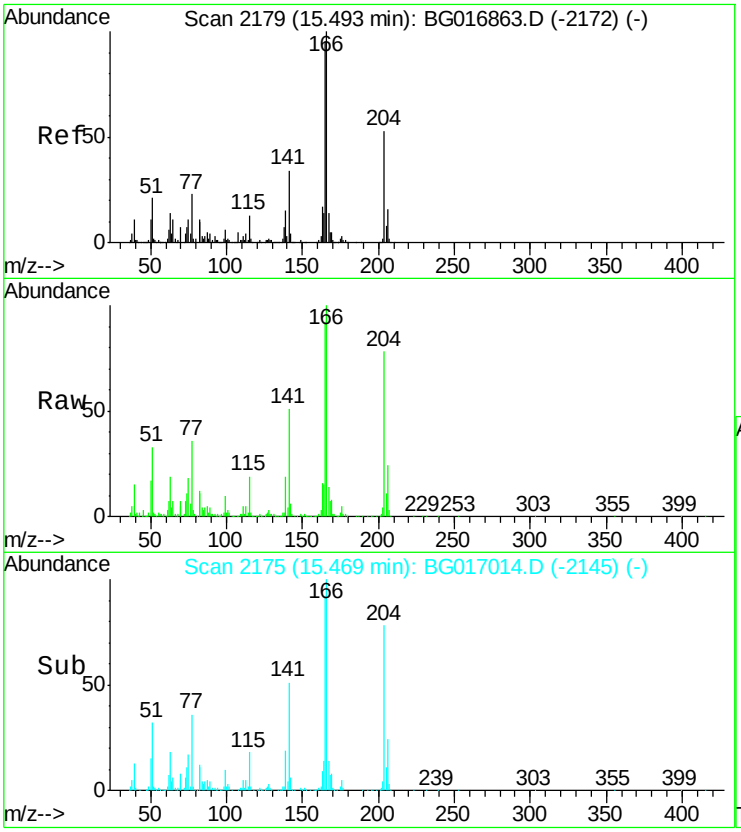


#59
Diethylphthalate
Concen: 44.36 ng
RT: 15.26 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:149 Resp: 668412

Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.6	27.8
150	12.7	9.8	14.8

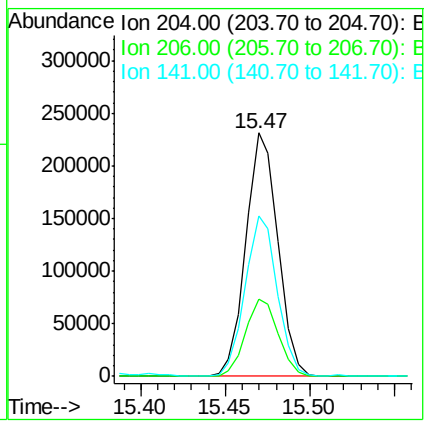




#60
4-Chlorophenyl-phenylether
Concen: 43.02 ng
RT: 15.47 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:204 Resp: 305266

Ion	Ratio	Lower	Upper
204	100		
206	31.5	24.8	37.2
141	65.8	52.4	78.6



Instrument :
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ClientSampleId :
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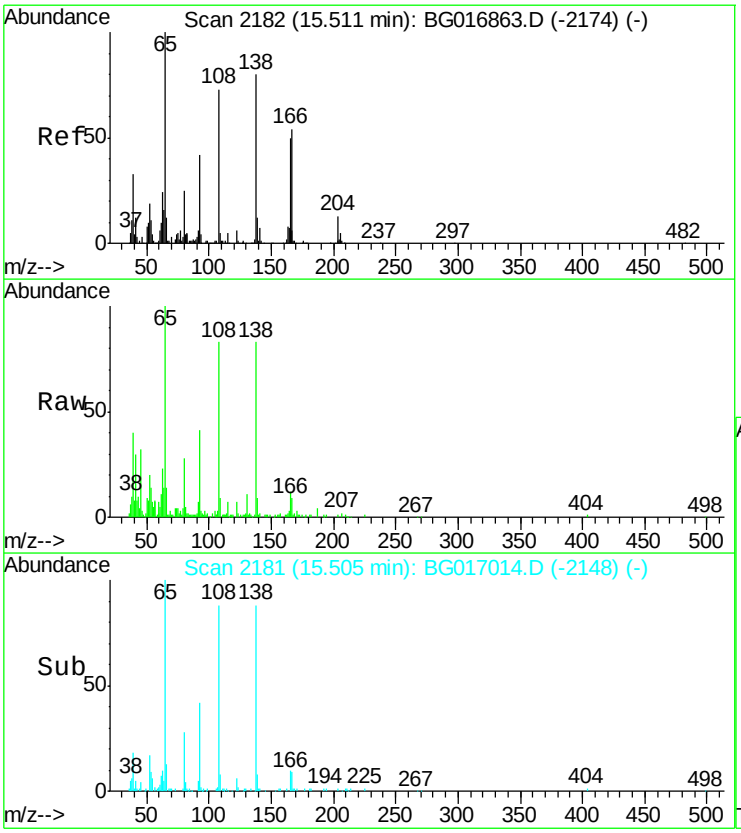
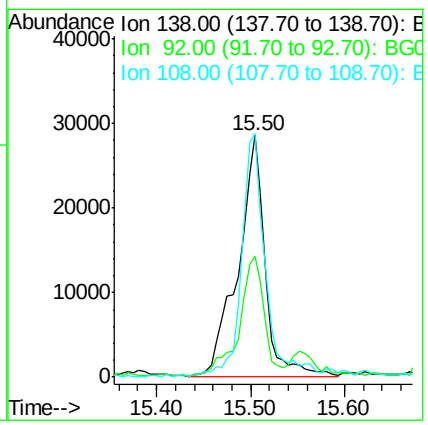
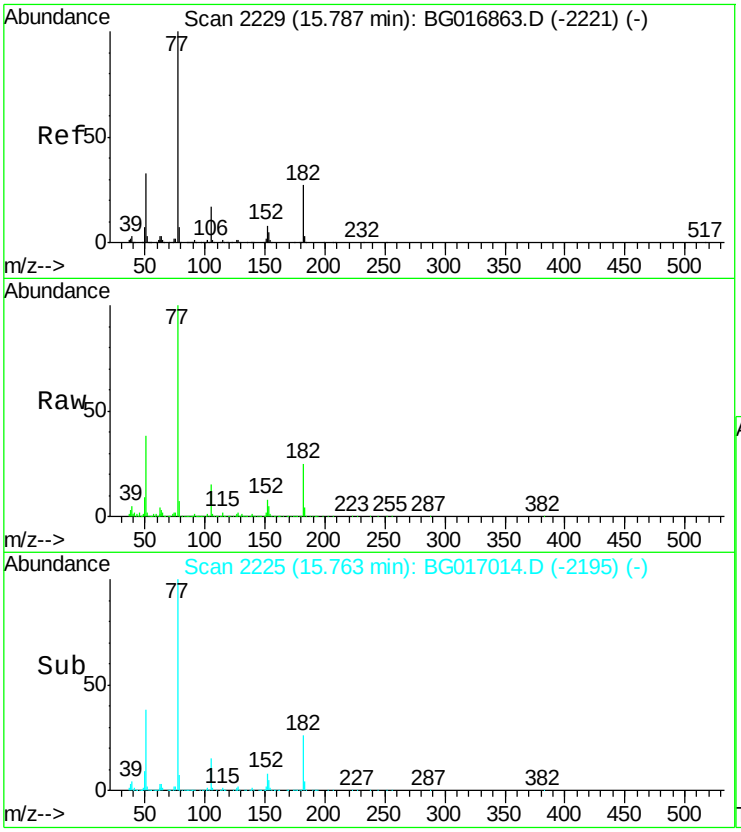


#61
4-Nitroaniline
Concen: 14.88 ng
RT: 15.50 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:138 Resp: 58161

Ion	Ratio	Lower	Upper
138	100		
92	50.0	31.8	71.8
108	100.5	70.6	110.6

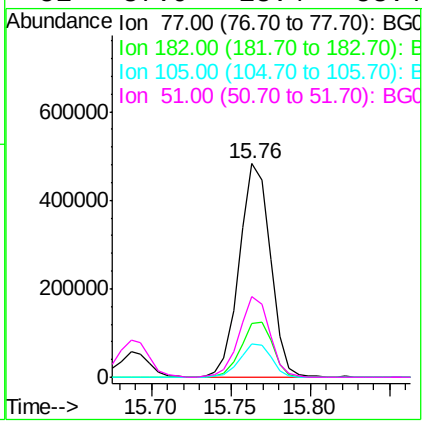




#62
Azobenzene
Concen: 41.79 ng
RT: 15.76 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion: 77 Resp: 652095

Ion	Ratio	Lower	Upper
77	100		
182	25.4	7.4	47.4
105	15.4	0.0	36.6
51	37.9	13.4	53.4



Instrument :
BNA_G
ClientSampleId :
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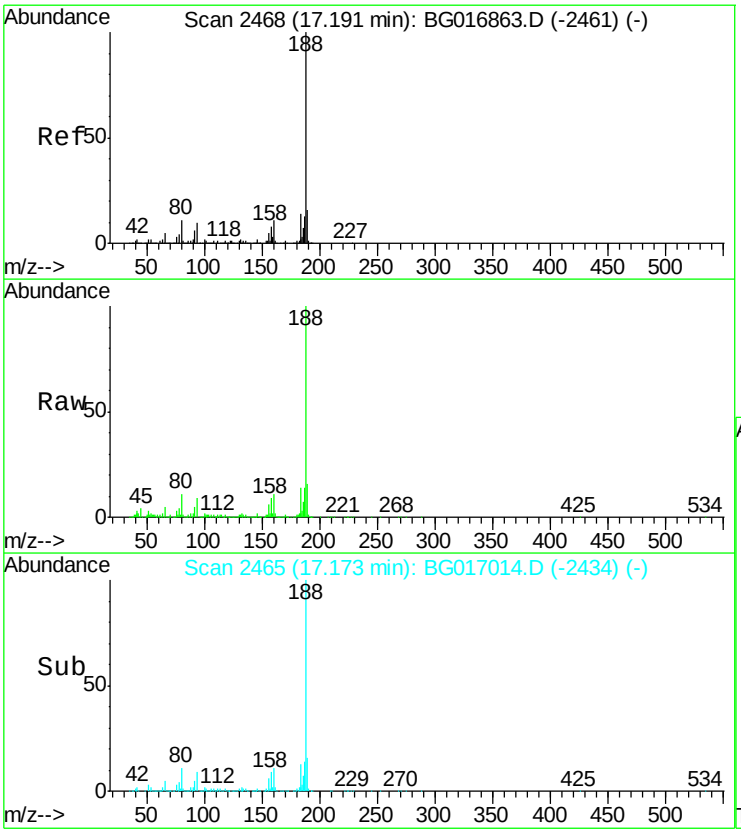
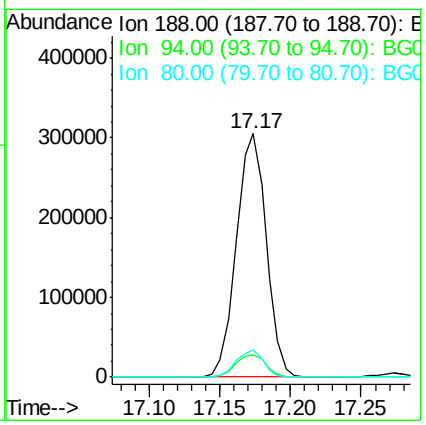
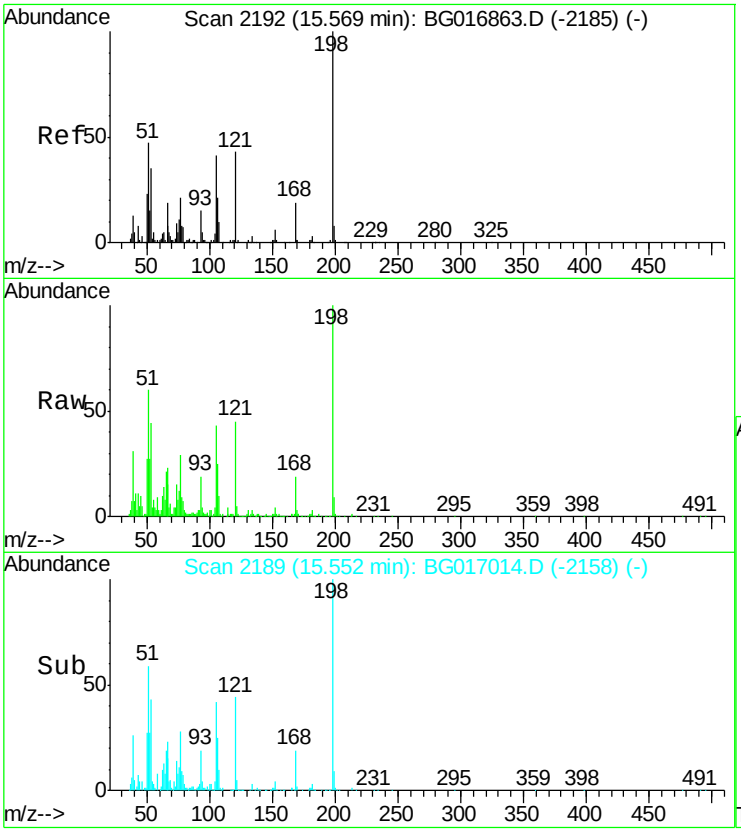


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:188 Resp: 449661

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.4
80	11.0	8.8	13.2

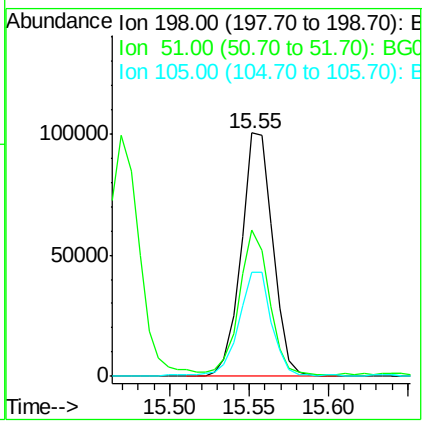




#64
4,6-Dinitro-2-methylphenol
Concen: 61.88 ng
RT: 15.55 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:198 Resp: 137965

Ion	Ratio	Lower	Upper
198	100		
51	60.3	31.2	71.2
105	42.9	22.0	62.0



Instrument :
BNA_G
ClientSampleId :
LAR9794-AMSD

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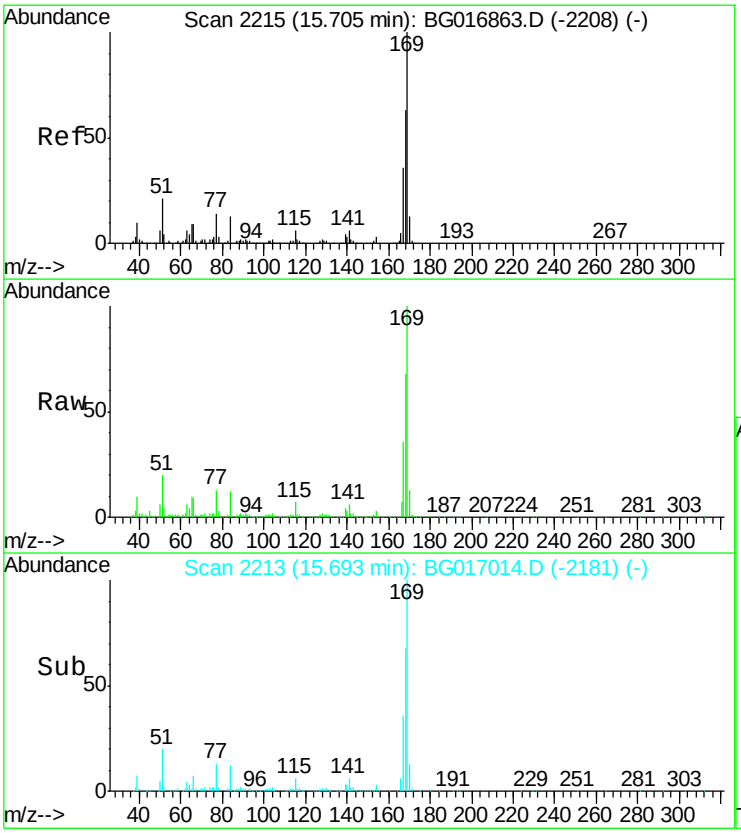
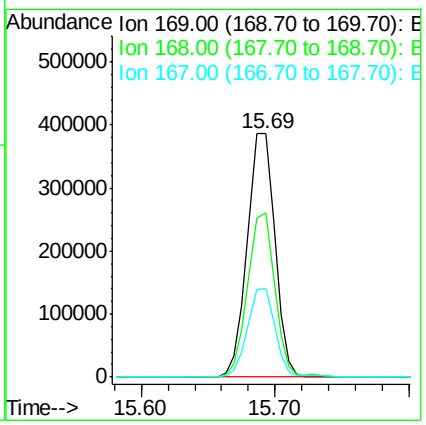
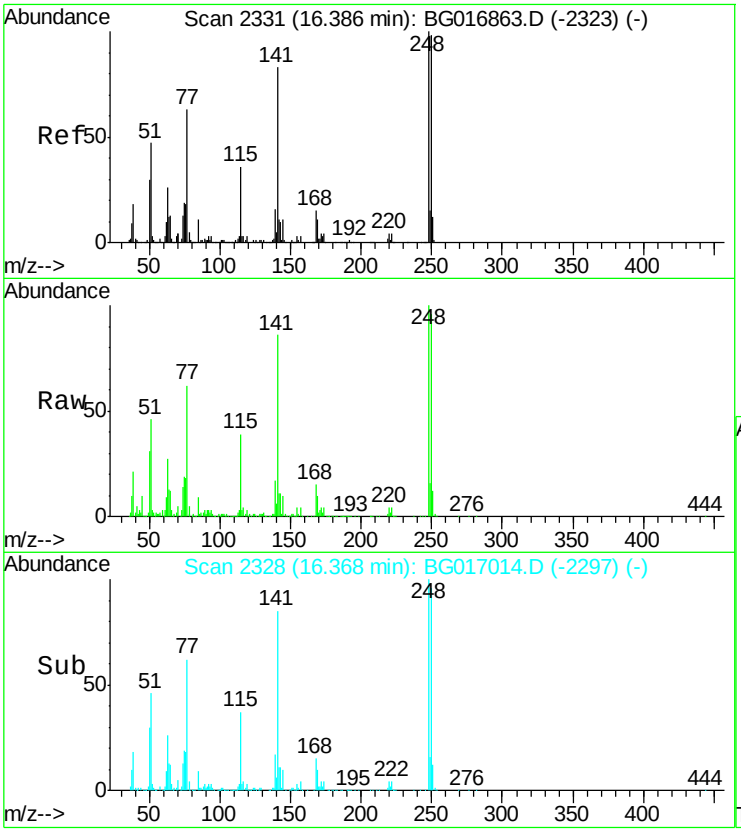


#65
n-Nitrosodiphenylamine
Concen: 40.05 ng
RT: 15.69 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:169 Resp: 549732

Ion	Ratio	Lower	Upper
169	100		
168	67.5	50.6	76.0
167	36.2	29.0	43.4

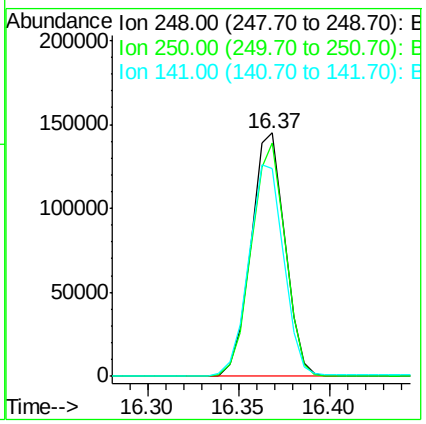




#66
4-Bromophenyl-phenylether
Concen: 41.77 ng
RT: 16.37 min Scan# 2328
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:248 Resp: 188516

Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.6	117.8
141	85.5	66.3	99.5



Instrument :
BNA_G
ClientSampleId :
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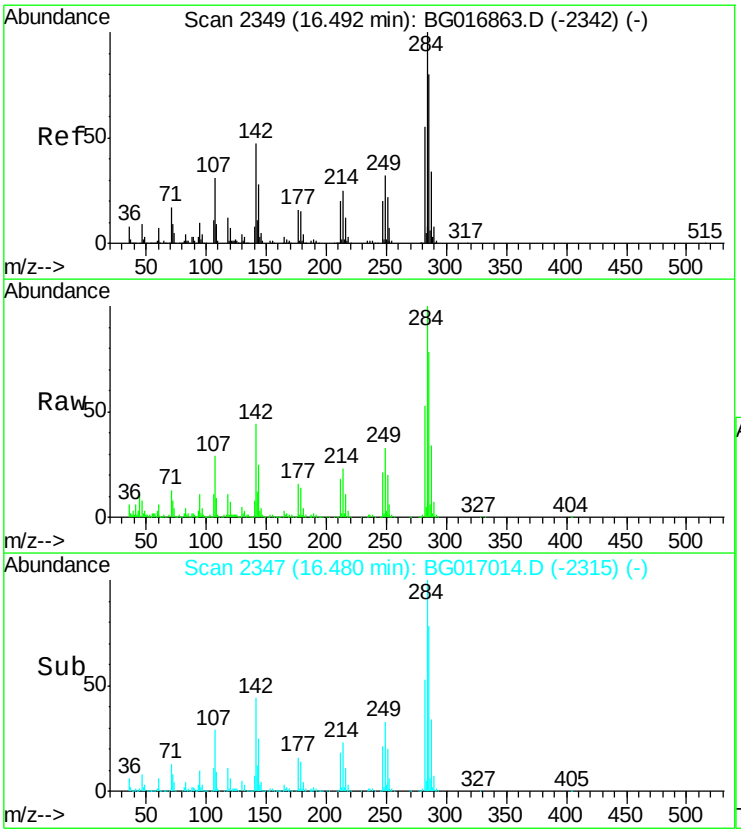
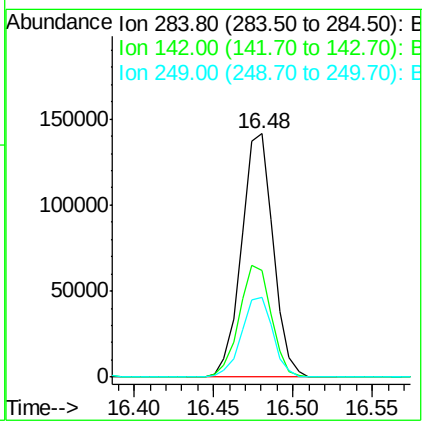
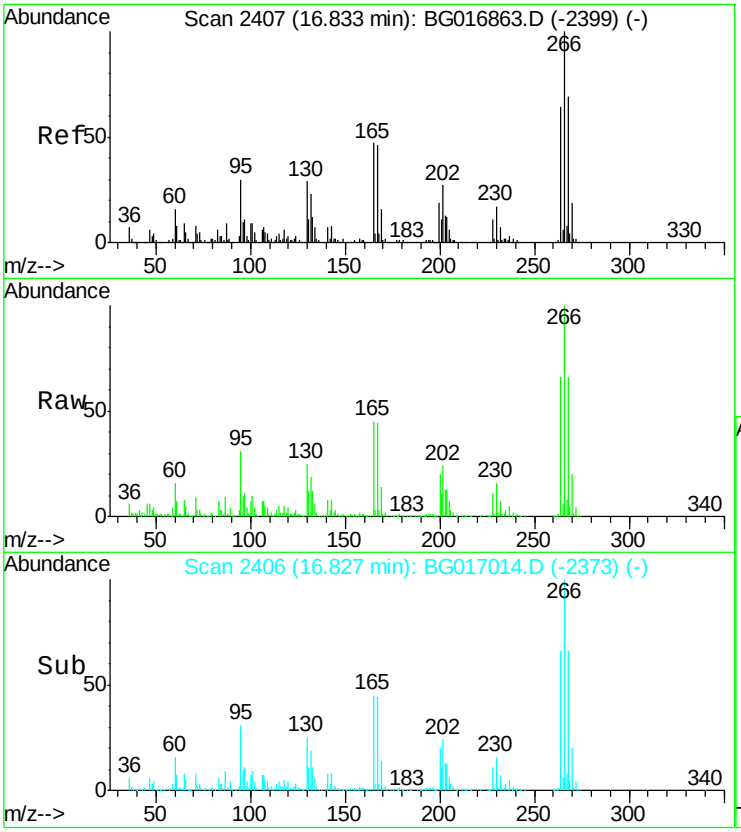


#67
Hexachlorobenzene
Concen: 41.02 ng
RT: 16.48 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:284 Resp: 195245

Ion	Ratio	Lower	Upper
284	100		
142	43.6	37.4	56.0
249	33.0	25.5	38.3

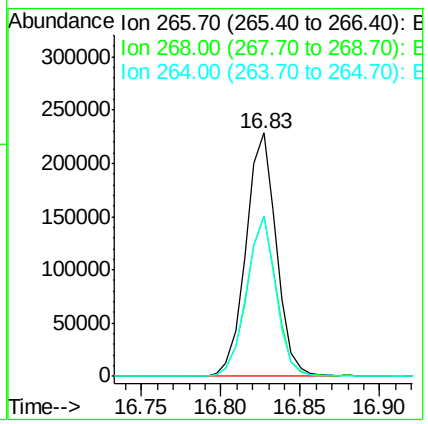




#69
Pentachlorophenol
Concen: 98.33 ng
RT: 16.83 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:266 Resp: 303838

Ion	Ratio	Lower	Upper
266	100		
268	65.8	55.2	82.8
264	65.6	51.4	77.0



Instrument :
BNA_G
ClientSampleId :
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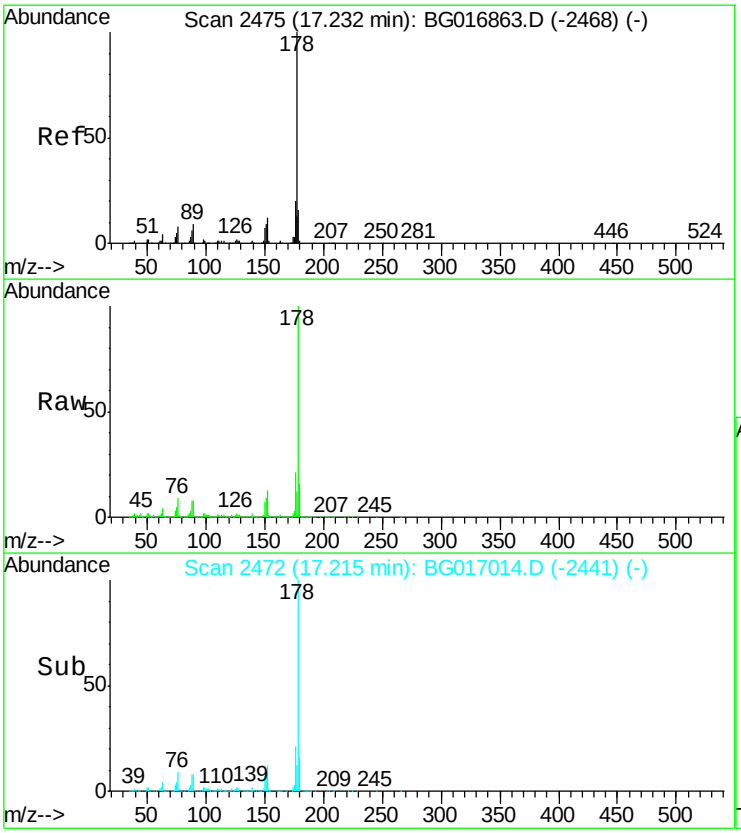
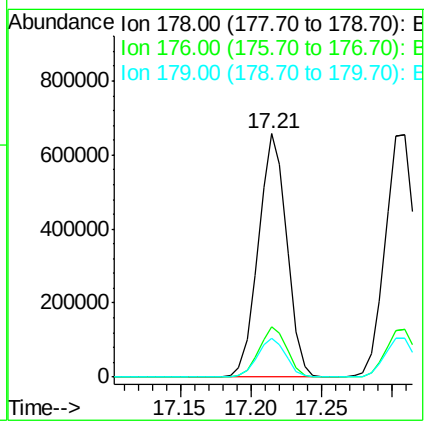
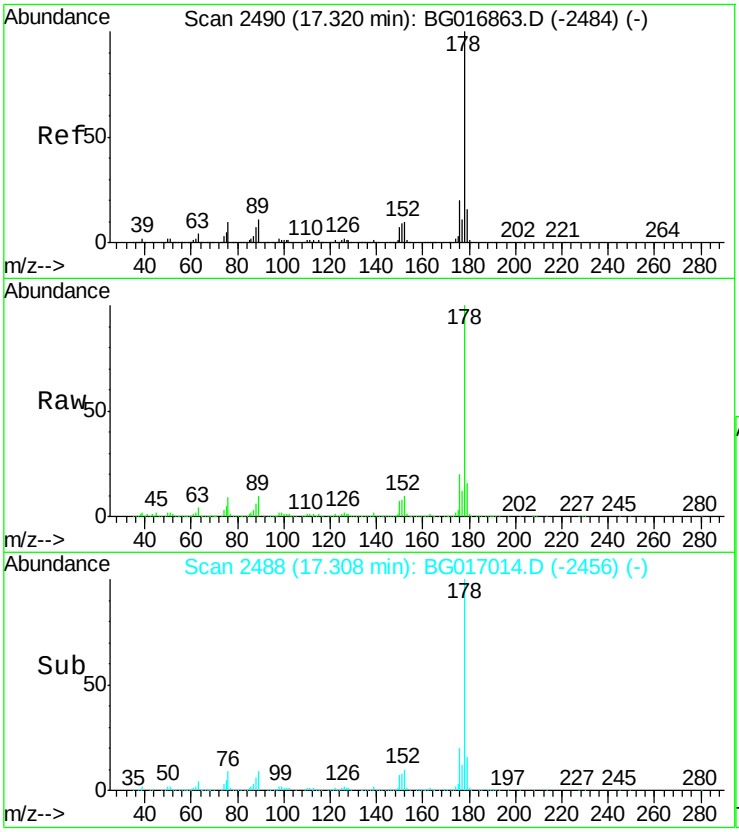


#70
Phenanthrene
Concen: 40.32 ng
RT: 17.21 min Scan# 2472
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:178 Resp: 932984

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.0	24.0
179	15.9	13.0	19.6

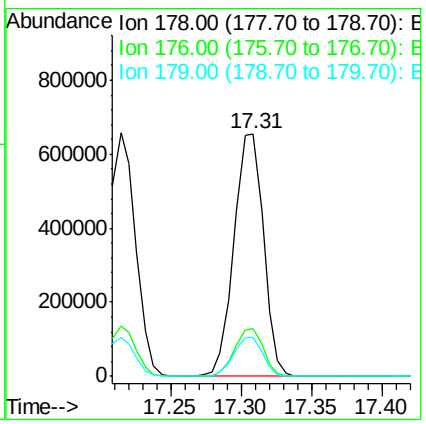




#71
Anthracene
Concen: 40.91 ng
RT: 17.31 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:178 Resp: 954966

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	16.0	13.1	19.7



Instrument :
BNA_G
ClientSampleId :
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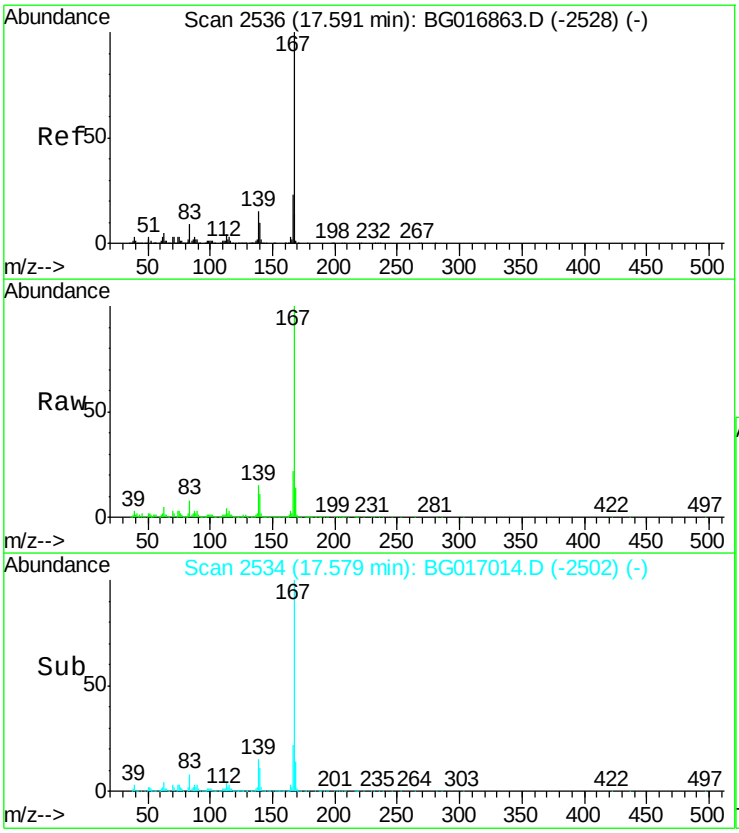
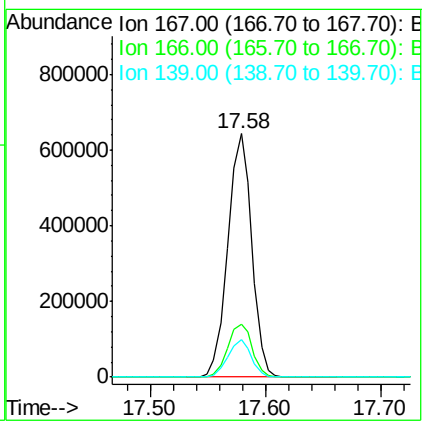
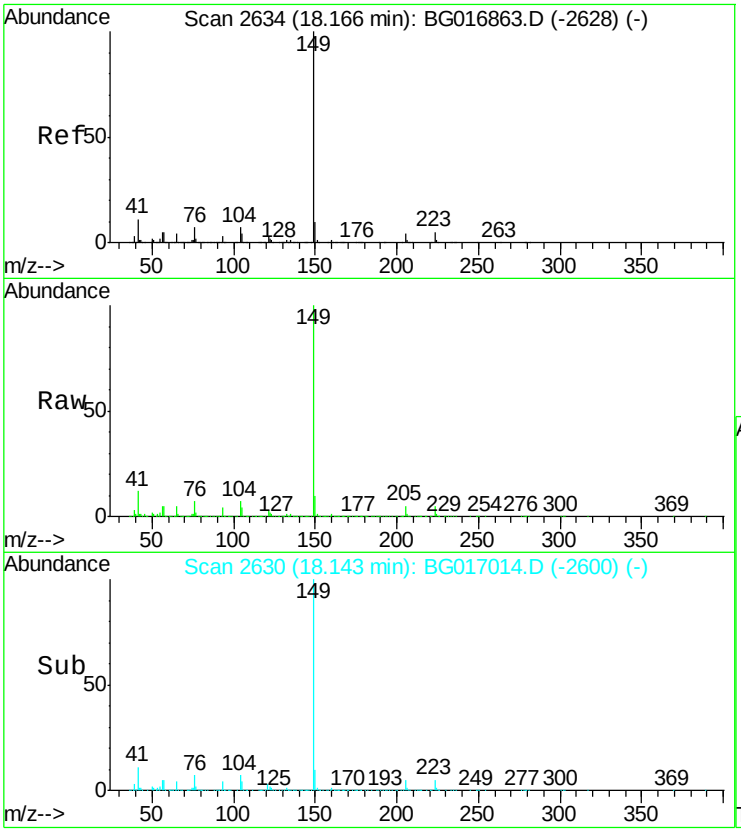


#72
Carbazole
Concen: 41.46 ng
RT: 17.58 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:167 Resp: 920119

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.4	27.6
139	15.2	12.2	18.4

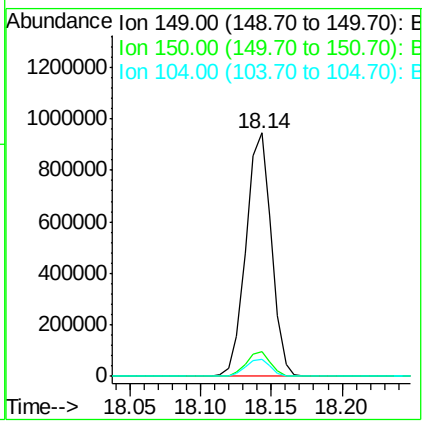




#73
Di-n-butylphthalate
Concen: 41.52 ng
RT: 18.14 min Scan# 2630
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:149 Resp: 1194599

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	7.1	5.4	8.0



Instrument :
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ClientSampleId :
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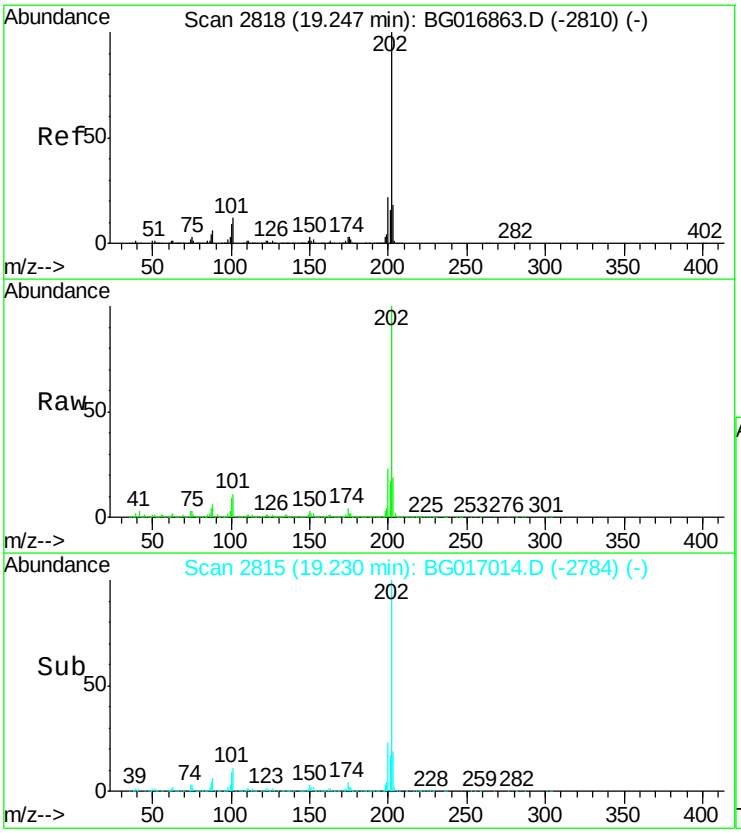
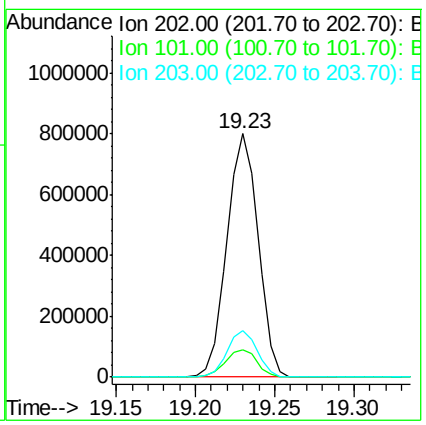
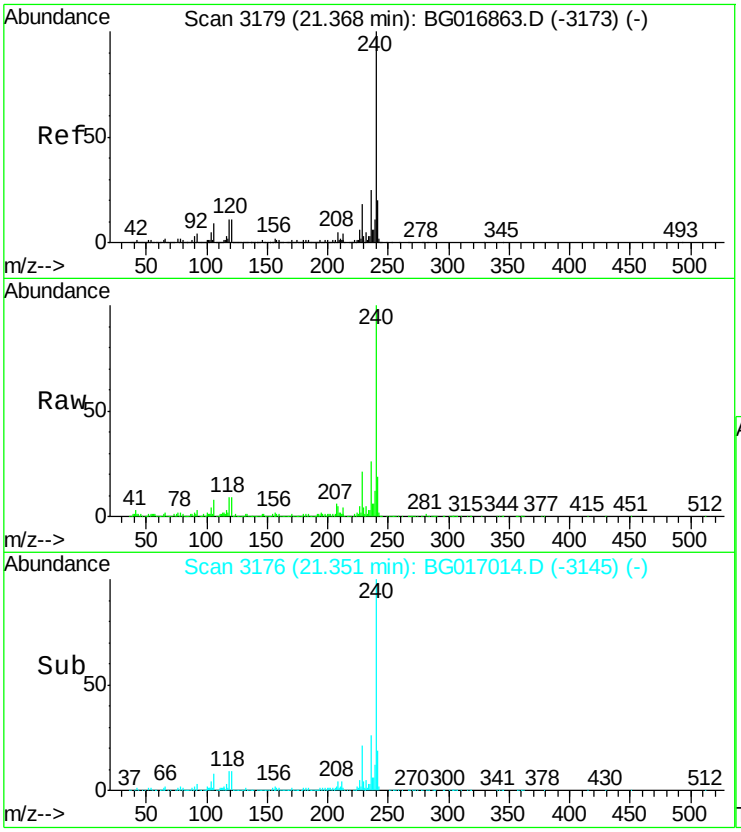


#74
Fluoranthene
Concen: 40.49 ng
RT: 19.23 min Scan# 2815
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:202 Resp: 1087100

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.5
203	19.0	0.0	38.1

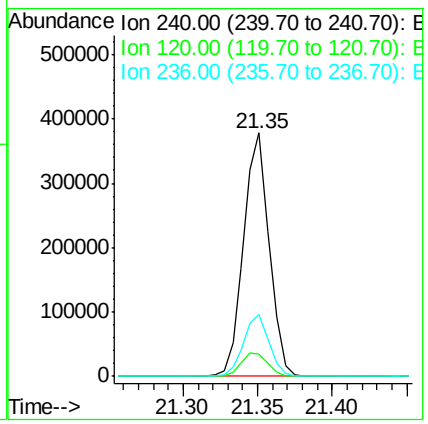




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:240 Resp: 448824

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.1	13.7#
236	25.6	20.2	30.4



Instrument :
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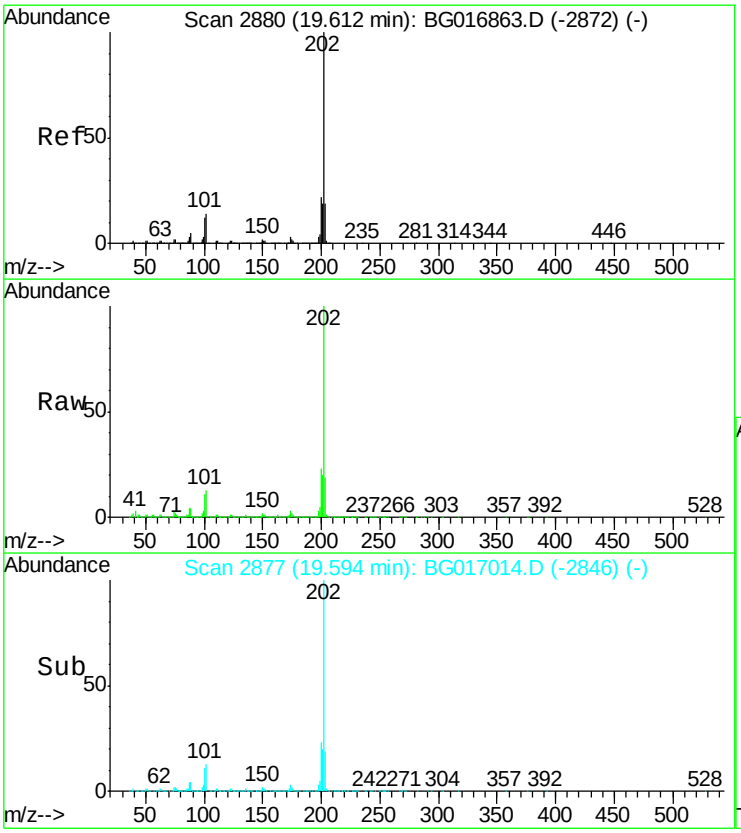
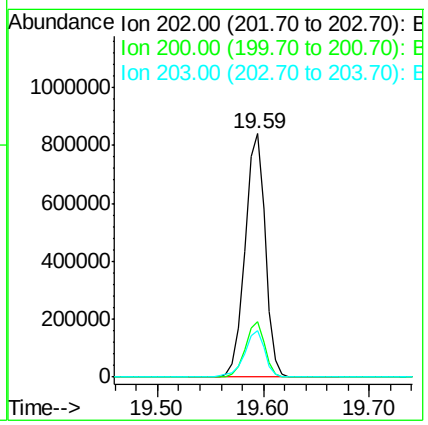
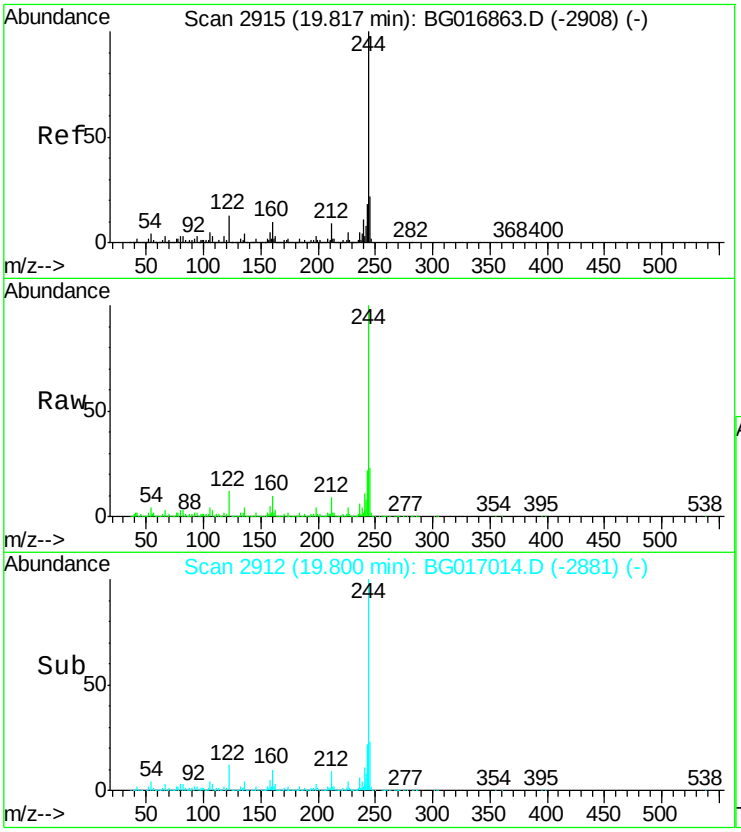


#77
Pyrene
Concen: 41.96 ng
RT: 19.59 min Scan# 2877
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:202 Resp: 1111411

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.9	26.9
203	19.2	15.2	22.8





#78
Terphenyl-d14
Concen: 85.10 ng
RT: 19.80 min Scan# 2912
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:244 Resp: 1629263

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	12.4	10.4	15.6

Instrument :
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ClientSampleId :
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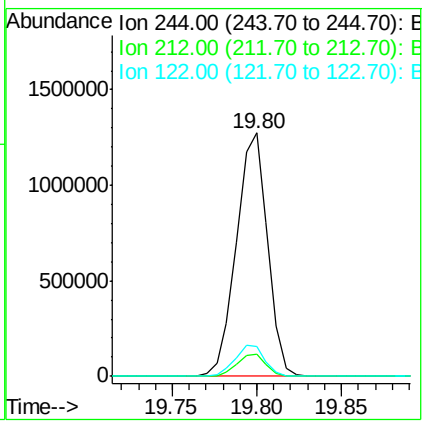
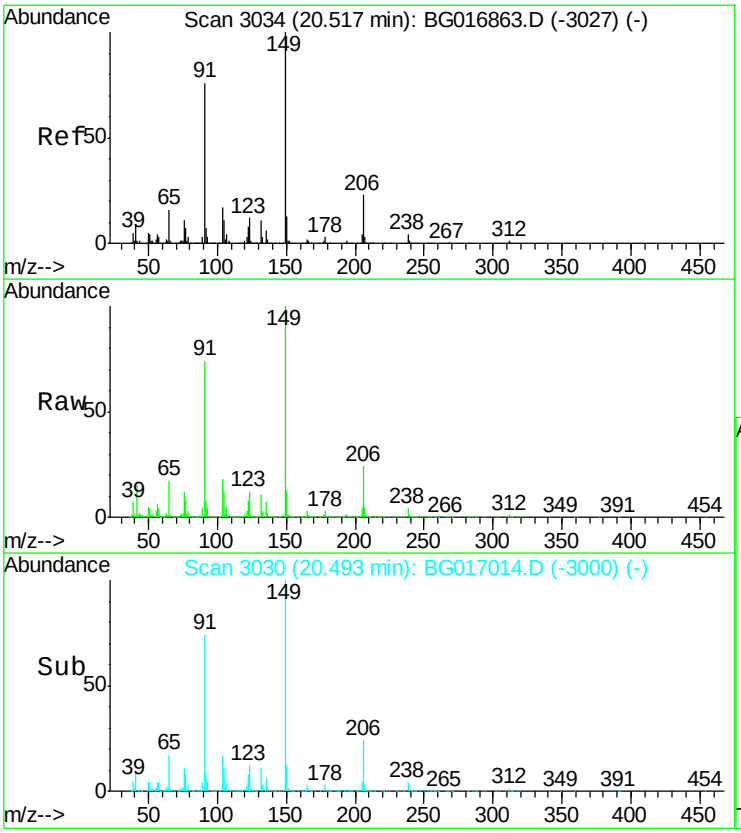
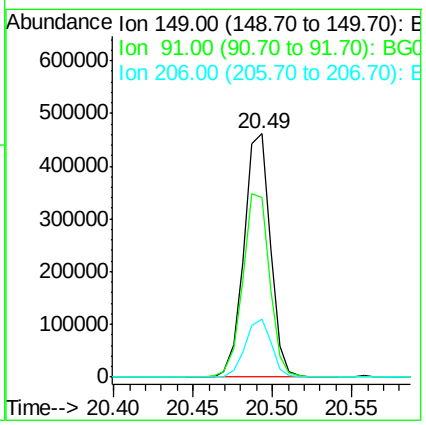


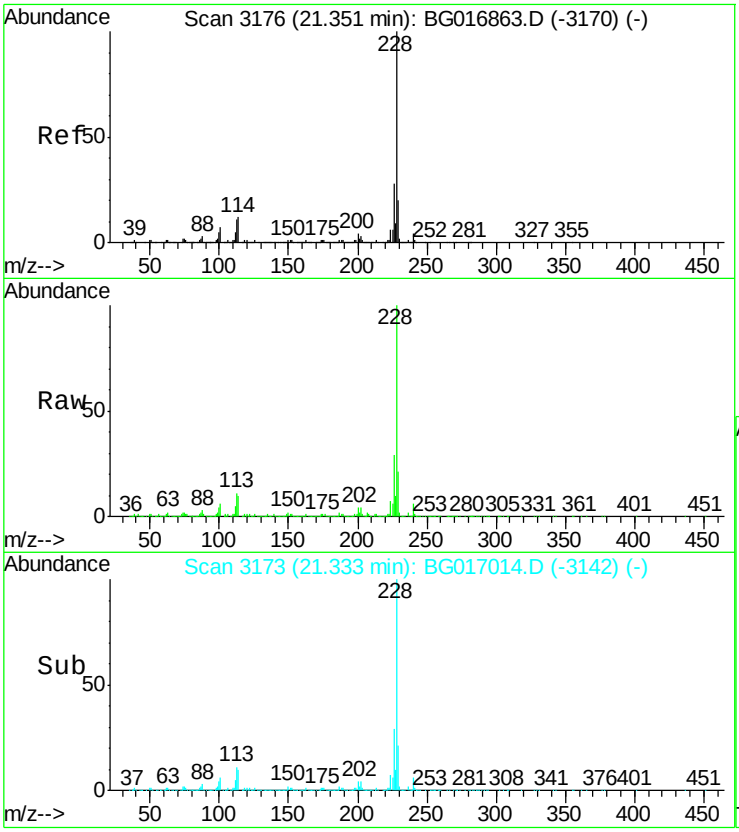


#79
Butylbenzylphthalate
Concen: 42.09 ng
RT: 20.49 min Scan# 3030
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:149 Resp: 529956

Ion	Ratio	Lower	Upper
149	100		
91	73.8	60.6	91.0
206	23.9	18.4	27.6

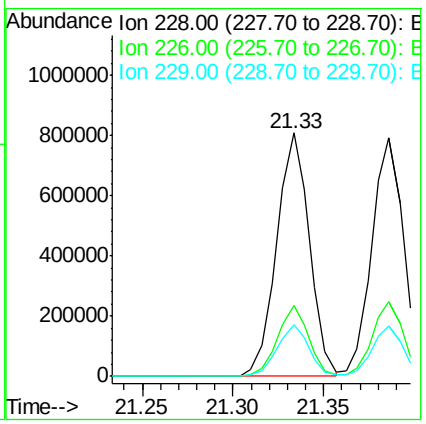




#80
Benzo(a)anthracene
Concen: 42.26 ng
RT: 21.33 min Scan# 3173
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:228 Resp: 1017540

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	21.3	16.1	24.1



Instrument :
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ClientSampleId :
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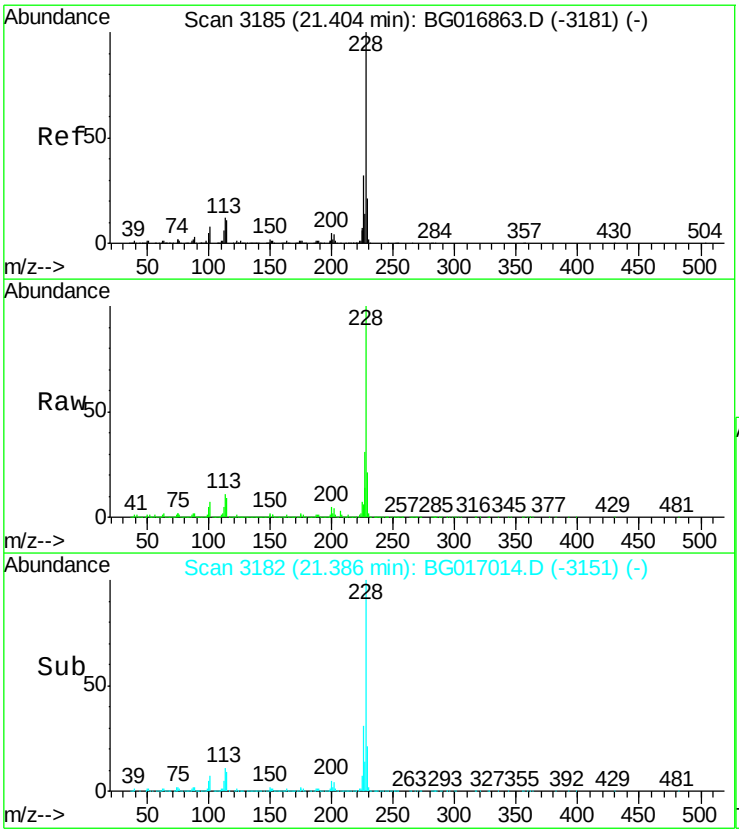
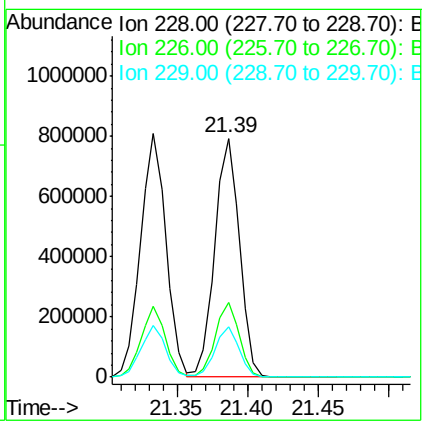
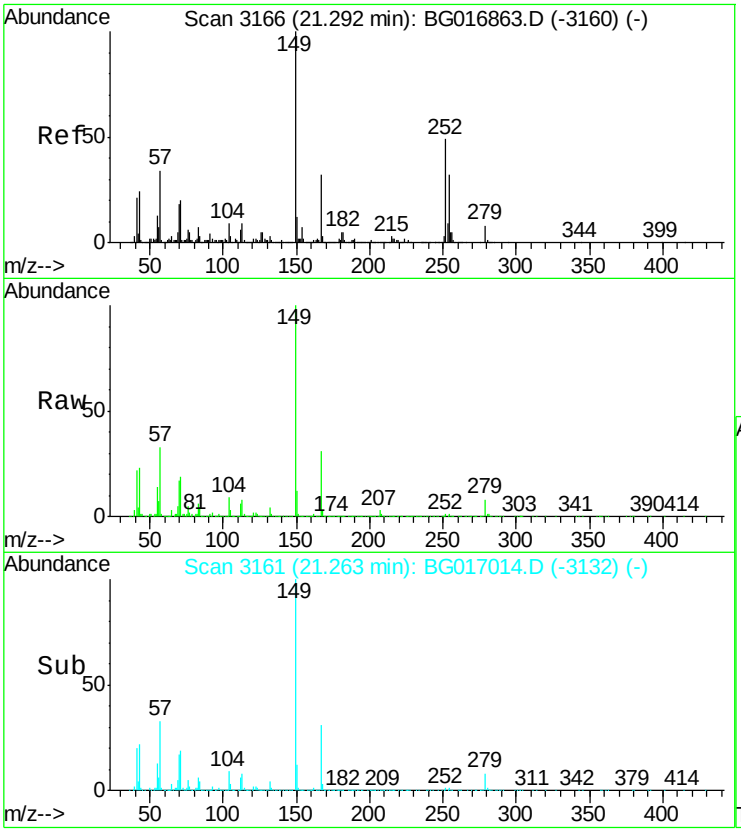


#82
Chrysene
Concen: 42.72 ng
RT: 21.39 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:228 Resp: 963481

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	21.1	16.5	24.7

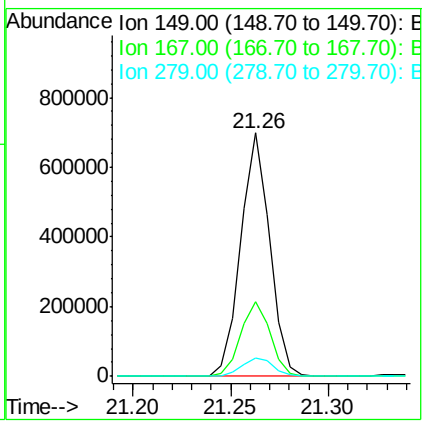




#83
Bis(2-ethylhexyl)phthalate
Concen: 41.52 ng
RT: 21.26 min Scan# 3161
Delta R.T. -0.03 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:149 Resp: 715068

Ion	Ratio	Lower	Upper
149	100		
167	30.8	25.4	38.0
279	7.8	6.4	9.6



Instrument :
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ClientSampleId :
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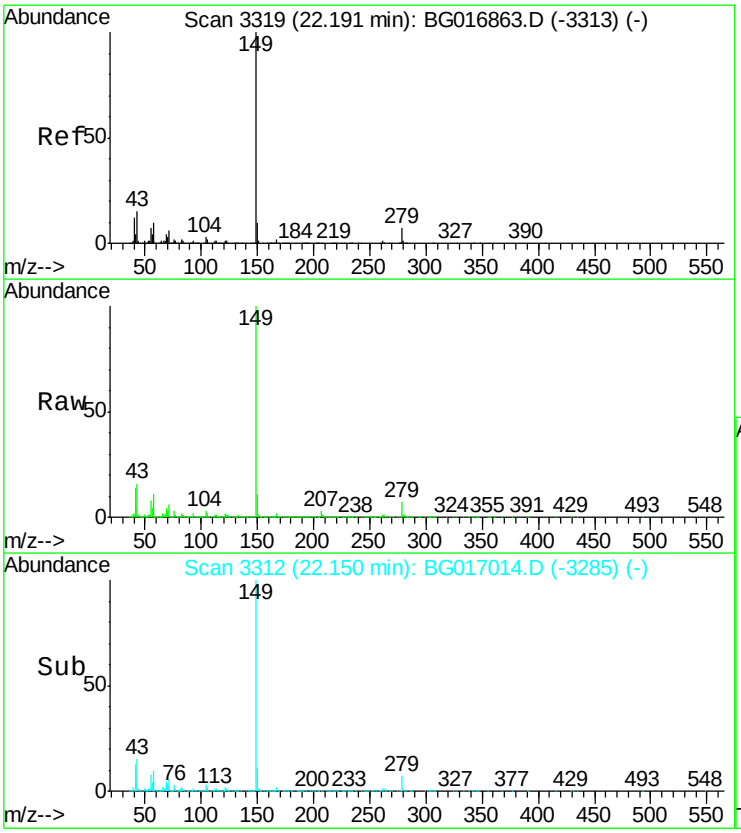
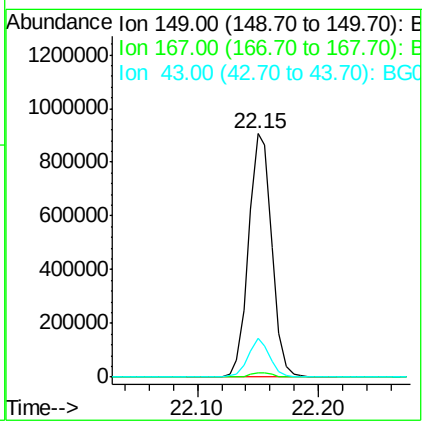
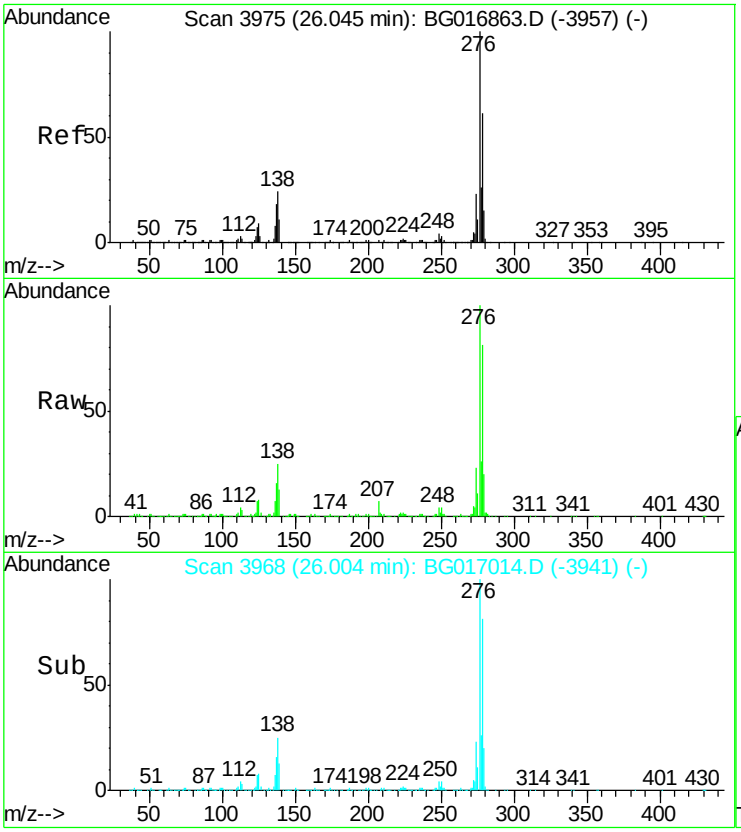


#84
Di-n-octyl phthalate
Concen: 41.73 ng
RT: 22.15 min Scan# 3312
Delta R.T. -0.04 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:149 Resp: 1207159

Ion	Ratio	Lower	Upper
149	100		
167	1.7	0.0	0.0#
43	14.5	0.0	0.0#





#85
Indeno(1,2,3-cd)pyrene
Concen: 42.95 ng
RT: 26.00 min Scan# 3968
Delta R.T. -0.04 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:276 Resp: 1154261

Ion	Ratio	Lower	Upper
276	100		
138	24.0	0.0	0.0#
277	26.4	0.0	0.0#

Instrument :
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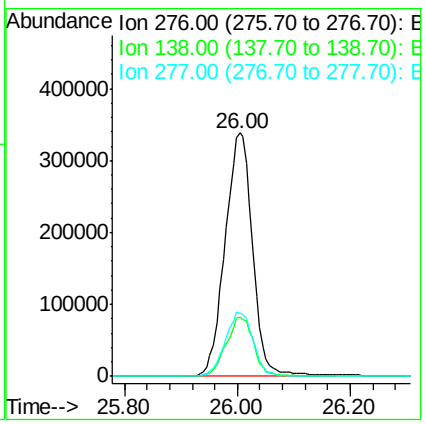
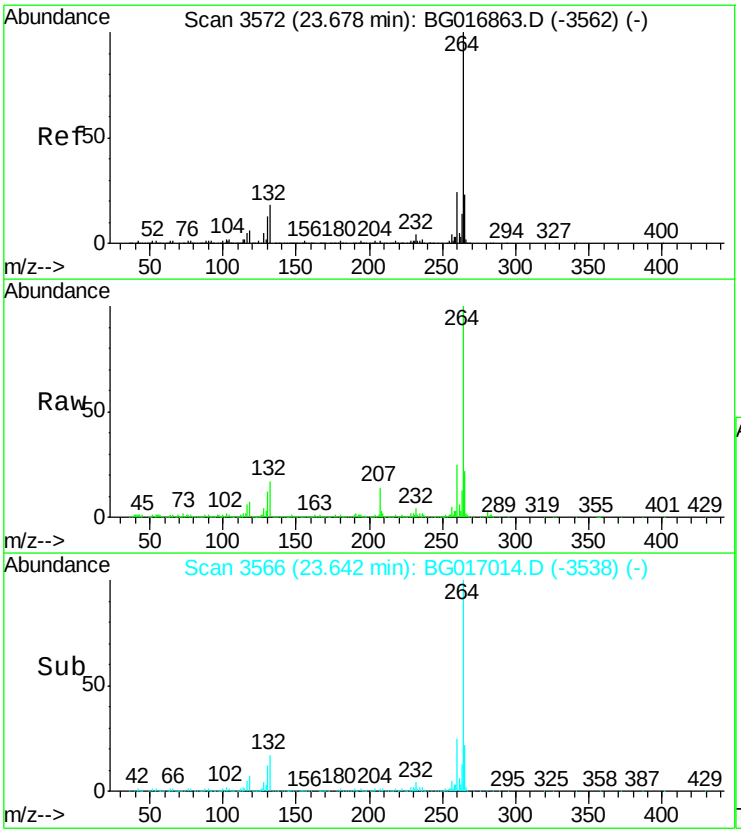
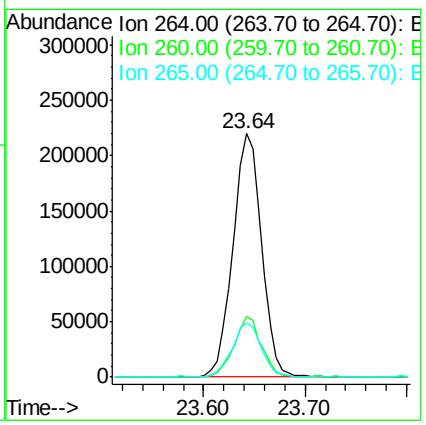


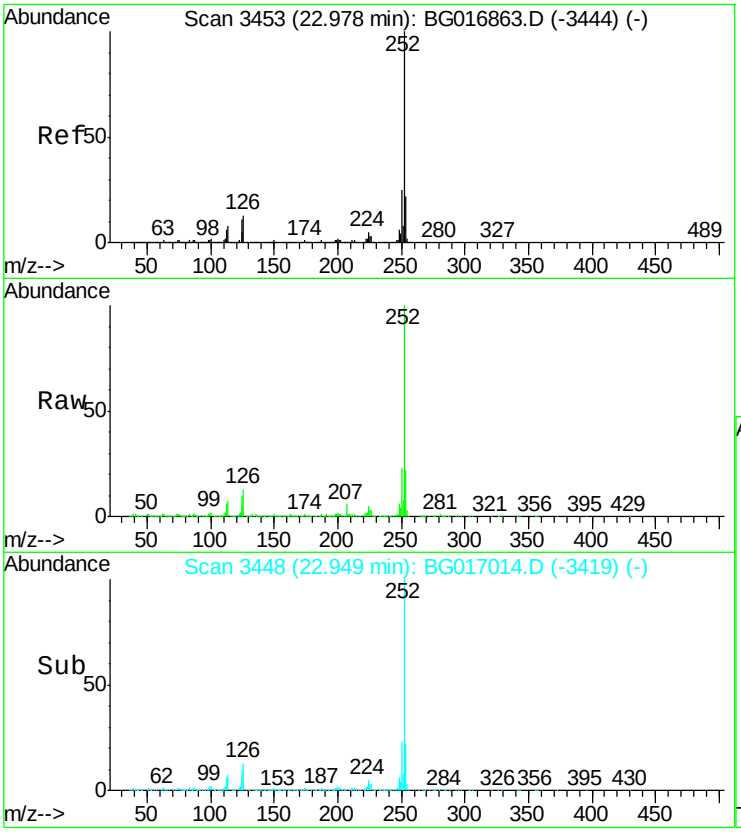


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3566
Delta R.T. -0.04 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:264 Resp: 431684

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.3	18.5	27.7

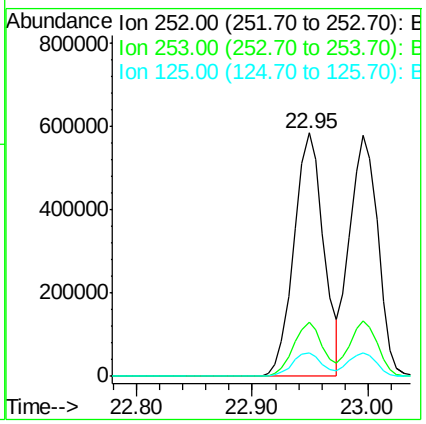




#87
Benzo(b)fluoranthene
Concen: 43.26 ng
RT: 22.95 min Scan# 3448
Delta R.T. -0.03 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:252 Resp: 1040437

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	9.8	8.6	13.0



Instrument :
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ClientSampleId :
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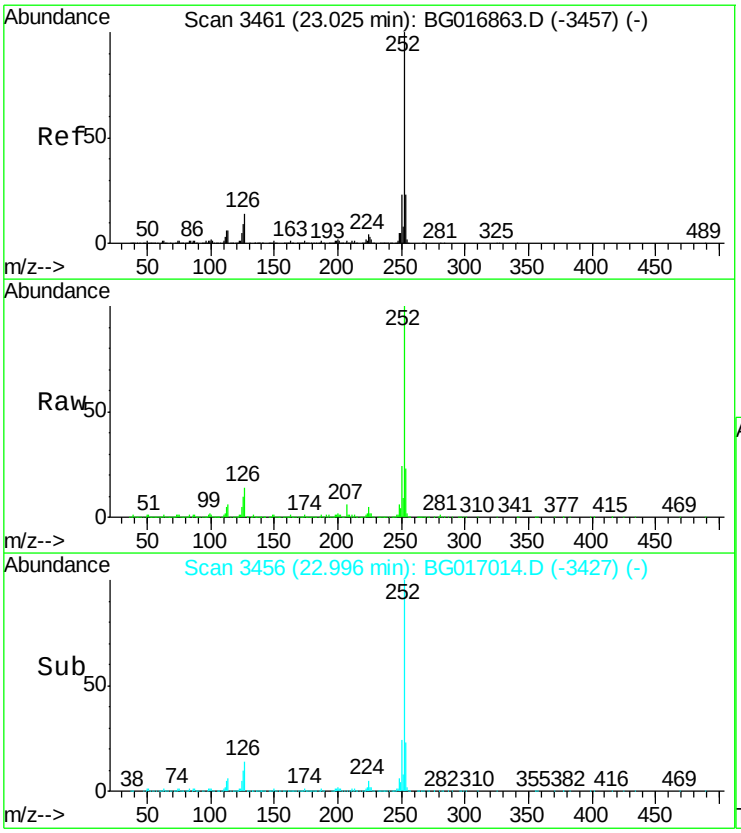
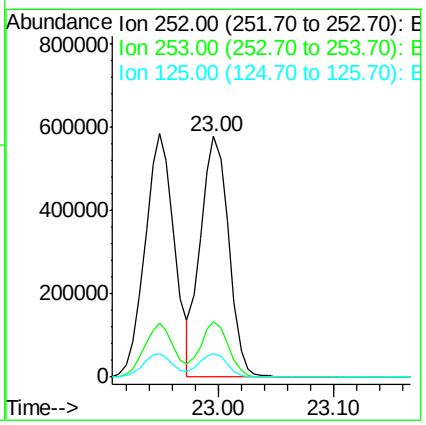
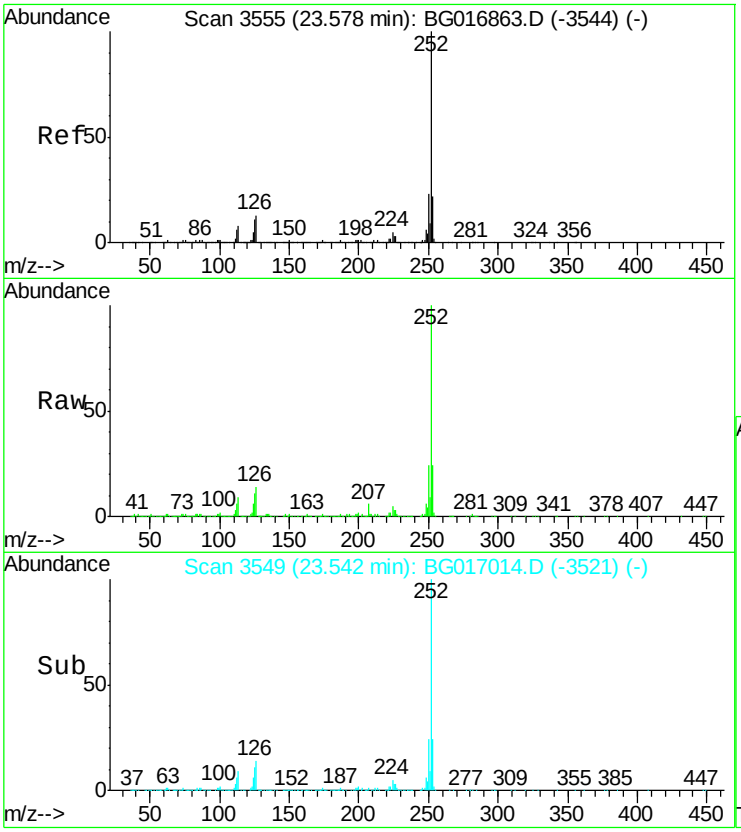


#88
Benzo(k)fluoranthene
Concen: 42.26 ng
RT: 23.00 min Scan# 3456
Delta R.T. -0.03 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:252 Resp: 977689

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	10.0	7.9	11.9





#89
Benzo(a)pyrene
Concen: 43.67 ng
RT: 23.54 min Scan# 3549
Delta R.T. -0.04 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:252 Resp: 979375

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	10.7	8.5	12.7

Instrument :
BNA_G
ClientSampleId :
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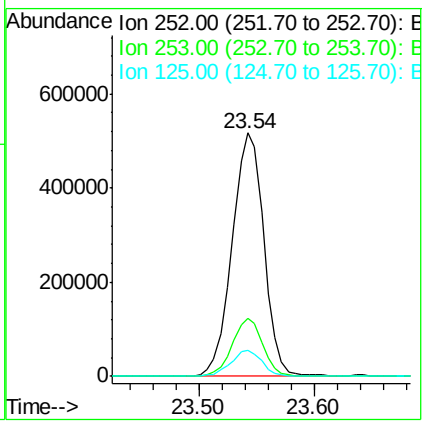
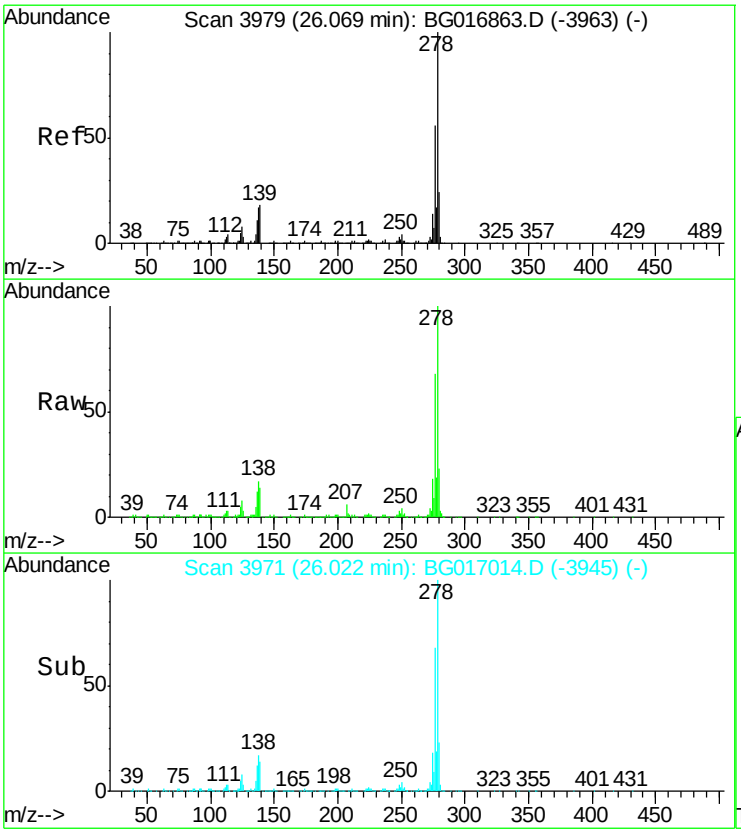
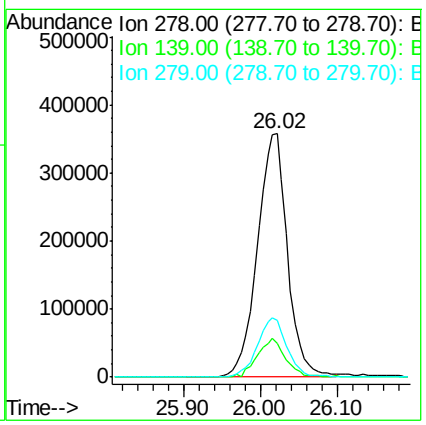


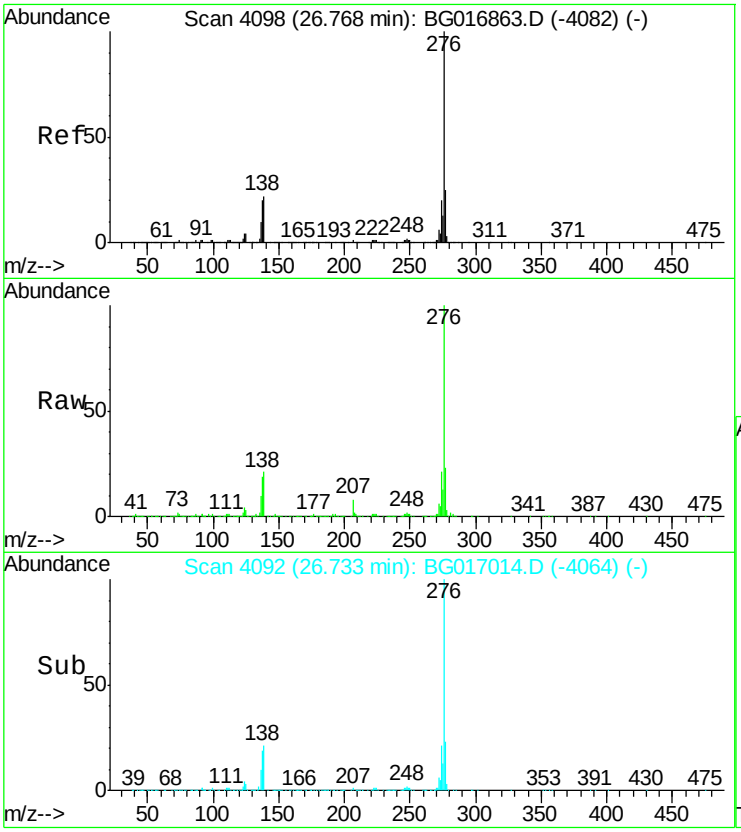


#90
Dibenzo(a,h)anthracene
Concen: 42.37 ng
RT: 26.02 min Scan# 3971
Delta R.T. -0.05 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:278 Resp: 970606

Ion	Ratio	Lower	Upper
278	100		
139	14.1	14.2	21.2#
279	23.4	18.9	28.3

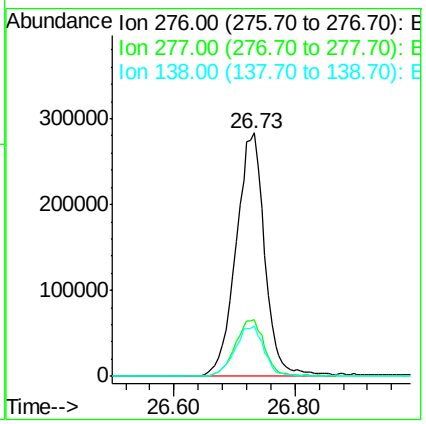




#91
Benzo(g,h,i)perylene
Concen: 42.65 ng
RT: 26.73 min Scan# 4092
Delta R.T. -0.04 min
Lab File: BG017014.D
Acq: 10 May 2015 7:57

Tgt Ion:276 Resp: 930267

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.6	29.4
138	20.6	17.5	26.3



Instrument :
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