Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002513.D
Acq On : 20 Aug 2015 04:35
Operator : UM/IZ
Sample : MDL-04-S-ML
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 20 05:49:54 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 05:32:43 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Manual Integrations APPROVED
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8/20/2015 3:37:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	111905	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	545806	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.40	164	313313	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	683993	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	754131	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	772744	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	14463	5.97	ng/uL	0.00
5) Phenol-d5	7.93	99	325102	32.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	185630	31.06	ng/ul	0.00
9) 2-Chlorophenol-d4	8.33	132	289063	34.56	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	292137	33.69	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	154437	37.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	167338	46.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	274613	34.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	441212	41.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	935705	36.28	ng/ul	0.00
47) Acenaphthylene-d8	15.11	160	1157399	35.66	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	181610	39.01	ng/ul	0.00
58) Fluorene-d10	16.38	176	781044	34.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	134133	49.90	ng/ul	0.00
71) Anthracene-d10	18.22	188	1227619	36.99	ng/ul	0.00
79) Pyrene-d10	20.44	212	1305088	35.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1541917	37.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1285	0.47	ng/uL#	1
4) Benzaldehyde	7.93	77	17759	2.97	ng/ul	95
6) Phenol	7.96	94	26753	2.58	ng/ul	95
8) Bis(2-Chloroethyl)ether	8.20	93	23018	2.88	ng/ul	95
10) 2-Chlorophenol	8.37	128	23667	2.77	ng/ul	92
11) 2-Methylphenol	9.25	108	21675	2.64	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	9.35	45	31251	2.19	ng/ul#	96
14) Acetophenone	9.66	105	37937	2.94	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.63	70	18257	2.63	ng/ul#	92
16) 4-Methylphenol	9.58	108	24228	2.70	ng/ul	94
17) Hexachloroethane	9.93	117	8518	2.53	ng/ul	97
20) Nitrobenzene	10.06	77	25796	2.72	ng/ul	94
21) Isophorone	10.57	82	51499	2.72	ng/ul	97
23) 2-Nitrophenol	10.78	139	14775	3.59	ng/ul#	87
24) 2,4-Dimethylphenol	10.81	107	26285	2.60	ng/ul	95
25) Bis(2-Chloroethoxy)methane	11.05	93	31165	2.66	ng/ul	96
27) 2,4-Dichlorophenol	11.32	162	22701	2.98	ng/ul	95
28) Naphthalene	11.74	128	82707	2.88	ng/ul	99
30) 4-Chloroaniline	11.83	127	37558	3.59	ng/ul	99
31) Hexachlorobutadiene	11.99	225	12788	2.90	ng/ul	95
32) Caprolactam	12.59	113	9315m	2.96	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	25441	2.66	ng/ul	91
34) 2-Methylnaphthalene	13.29	142	60247	2.93	ng/ul	100

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Acq On : 20 Aug 2015 04:35
Operator : UM/IZ
Sample : MDL-04-S-ML
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Manual Integrations APPROVED
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Quant Time: Aug 20 05:49:54 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 05:32:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.63	216	26801	2.98 ng/ul	98
38) Hexachlorocyclopentadiene	13.60	237	5574	1.05 ng/ul	94
39) 2,4,6-Trichlorophenol	13.86	196	16692	2.98 ng/ul	94
40) 2,4,5-Trichlorophenol	13.94	196	18563	2.95 ng/ul	96
41) 1,1'-Biphenyl	14.25	154	77791	2.94 ng/ul	97
42) 2-Chloronaphthalene	14.31	162	59069	2.93 ng/ul	98
43) 2-Nitroaniline	14.50	65	15460	2.53 ng/ul#	80
45) Dimethylphthalate	14.83	163	79096	3.01 ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	15313	3.11 ng/ul#	87
48) Acenaphthylene	15.14	152	101337	3.01 ng/ul	98
49) 3-Nitroaniline	15.30	138	18761	3.52 ng/ul#	87
50) Acenaphthene	15.47	153	66523	2.93 ng/ul	98
51) 2,4-Dinitrophenol	15.52	184	3283	1.93 ng/ul#	1
53) 4-Nitrophenol	15.58	109	9053	2.65 ng/ul	81
54) Dibenzofuran	15.79	168	91984	3.04 ng/ul	97
55) 2,4-Dinitrotoluene	15.74	165	23103	3.30 ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	16.01	232	12917	2.70 ng/ul#	96
57) Diethylphthalate	16.16	149	81343	2.89 ng/ul	99
59) Fluorene	16.43	166	78156	3.06 ng/ul	98
60) 4-Chlorophenyl-phenylether	16.40	204	35297	3.02 ng/ul	93
61) 4-Nitroaniline	16.44	138	19839	3.22 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	16.50	198	11702	3.88 ng/ul#	89
65) N-Nitrosodiphenylamine	16.62	169	66407	2.96 ng/ul	99
66) 4-Bromophenyl-phenylether	17.29	248	20682	2.89 ng/ul	96
67) Hexachlorobenzene	17.42	284	24692	3.03 ng/ul	98
68) Atrazine	17.52	200	23795	3.05 ng/ul	97
69) Pentachlorophenol	17.76	266	5084	1.27 ng/ul	88
70) Phenanthrene	18.16	178	123660	3.14 ng/ul	99
72) Anthracene	18.24	178	127562	3.14 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	25286	2.72 ng/uL	99
74) Pentachlorobenzene	15.71	250	25756	2.86 ng/uL	97
75) Carbazole	18.50	167	116570	3.17 ng/ul	99
76) Di-n-butylphthalate	18.99	149	143087	2.90 ng/ul	99
77) Fluoranthene	20.10	202	140304	3.37 ng/ul	99
80) Pyrene	20.46	202	150306	3.08 ng/ul	96
81) Butylbenzylphthalate	21.27	149	68209	2.83 ng/ul	93
82) 3,3'-Dichlorobenzidine	22.09	252	54551	3.77 ng/ul	95
83) Benzo(a)anthracene	22.18	228	145000	3.15 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	100917	2.90 ng/ul	97
85) Chrysene	22.24	228	136637	3.13 ng/ul	99
87) Di-n-octyl phthalate	23.01	149	176463	2.99 ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	143416	2.99 ng/ul	100
89) Benzo(k)fluoranthene	24.08	252	146096	3.17 ng/ul	98
91) Benzo(a)pyrene	24.73	252	148281	3.23 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	27.64	276	167701	3.18 ng/ul	99
93) Dibenzo(a,h)anthracene	27.64	278	141263	3.17 ng/ul	99
94) Benzo(g,h,i)perylene	28.51	276	139000	3.13 ng/ul	98

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

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Operator : UM/IZ
Sample : MDL-04-S-ML
Misc :
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Quant Time: Aug 20 05:49:54 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 05:32:43 2015
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Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Manual Integrations APPROVED
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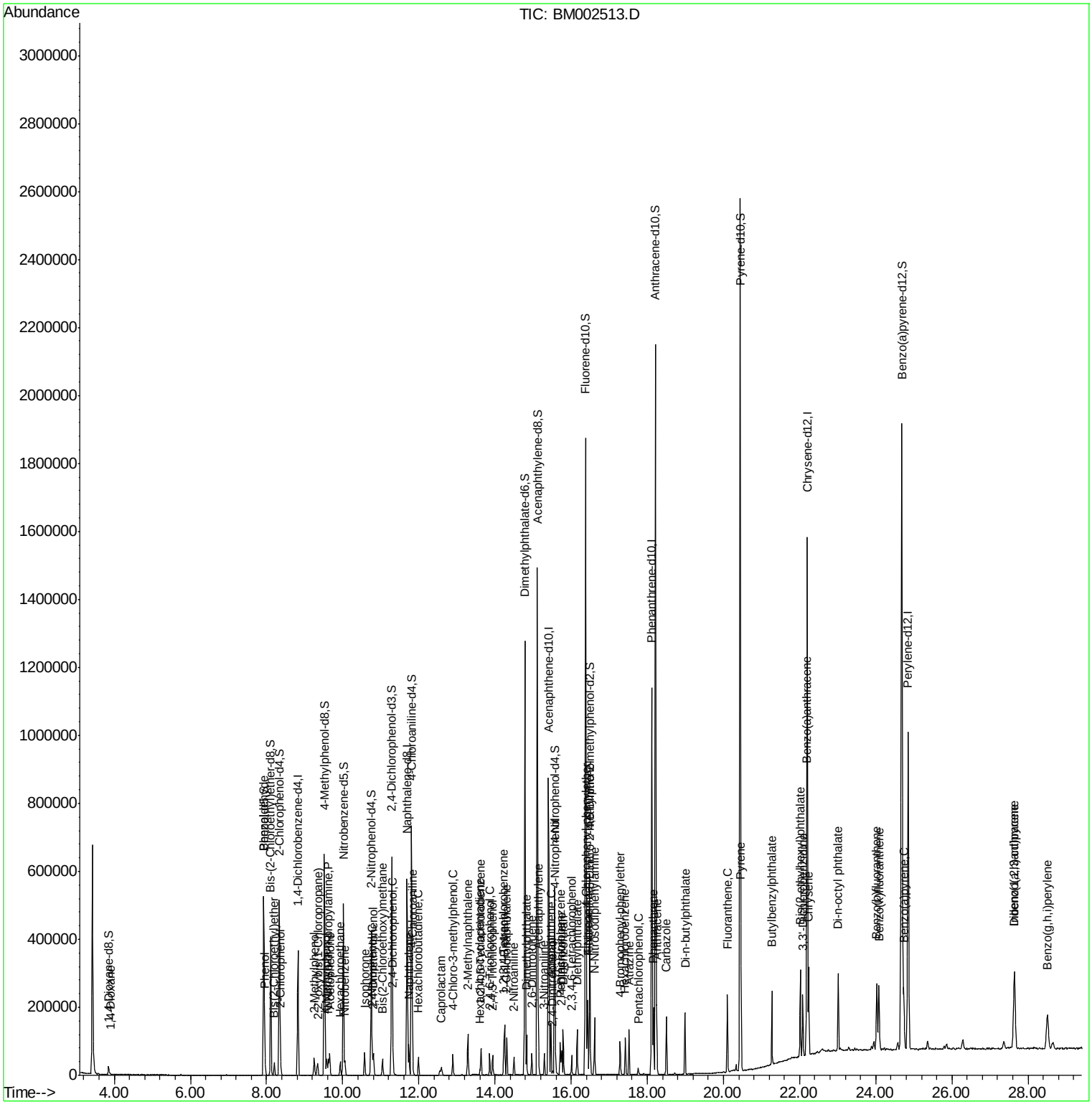
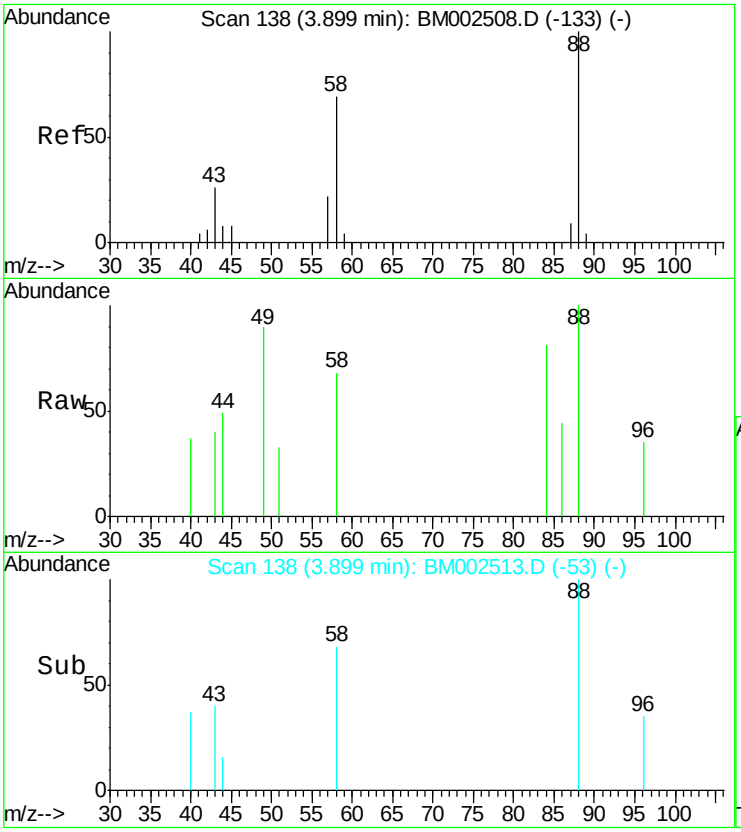
8/20/2015 3:37:32 PM

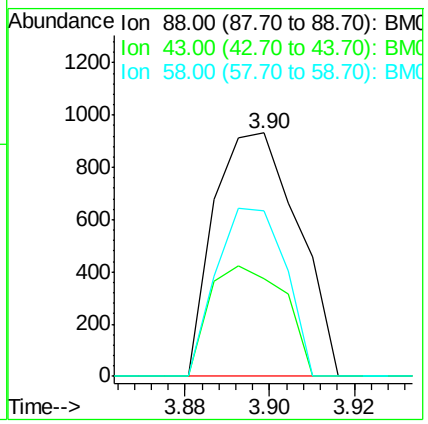




#2
1,4-Dioxane
Concen: 0.47 ng/uL
RT: 3.90 min Scan# 138
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

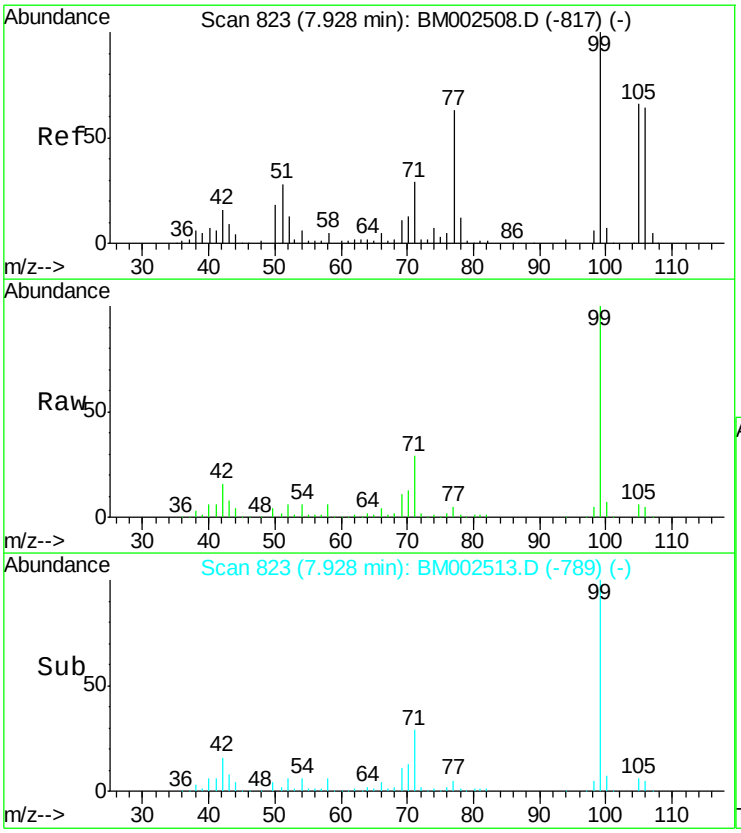
Tgt Ion: 88 Resp: 1285

Ion	Ratio	Lower	Upper
88	100		
43	40.6	2.3	3.5#
58	56.7	0.6	1.0#



Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

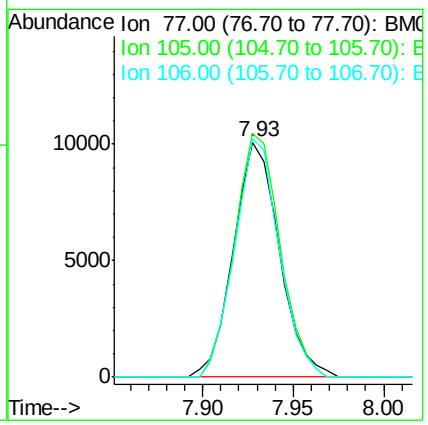
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:32 PM

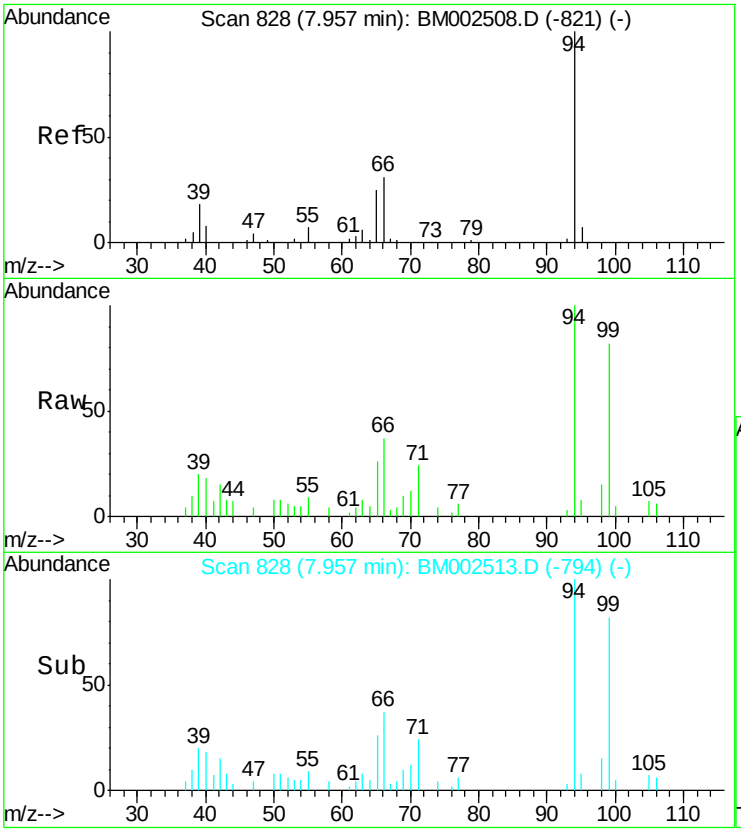


#4
Benzaldehyde
Concen: 2.97 ng/ul
RT: 7.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion: 77 Resp: 17759

Ion	Ratio	Lower	Upper
77	100		
105	103.6	80.0	120.0
106	101.3	76.7	115.1

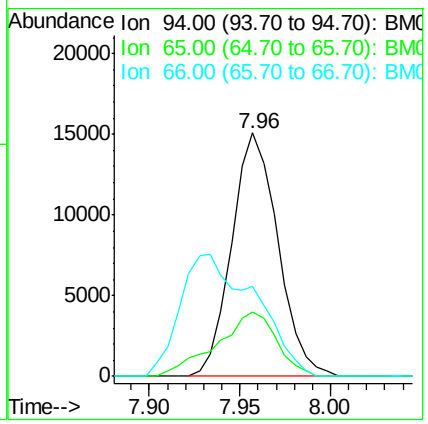




#6
Phenol
Concen: 2.58 ng/ul
RT: 7.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion: 94 Resp: 26753

Ion	Ratio	Lower	Upper
94	100		
65	26.4	23.7	35.5
66	36.9	31.3	46.9



Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Manual Integrations APPROVED
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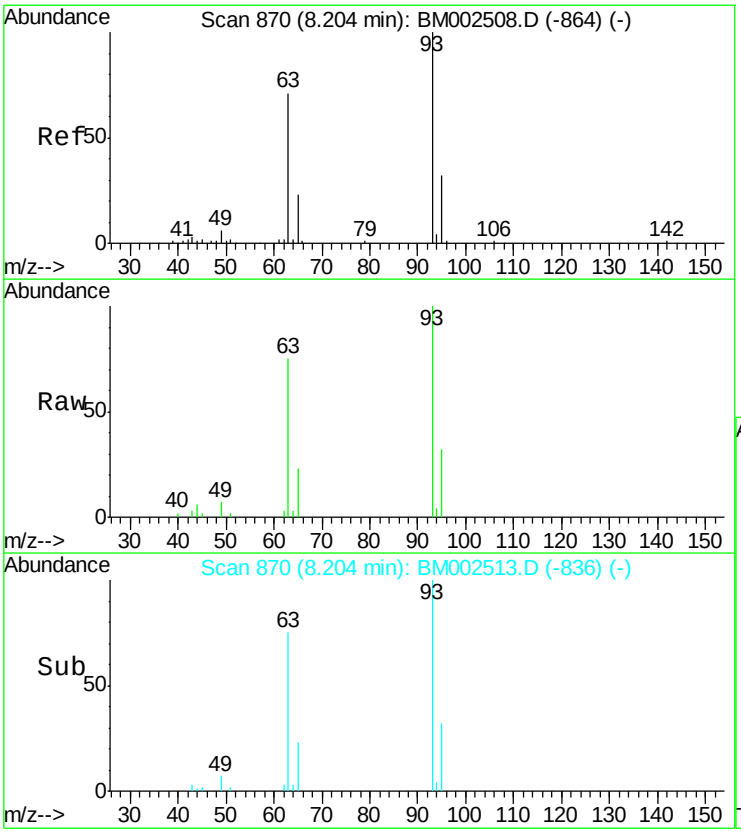
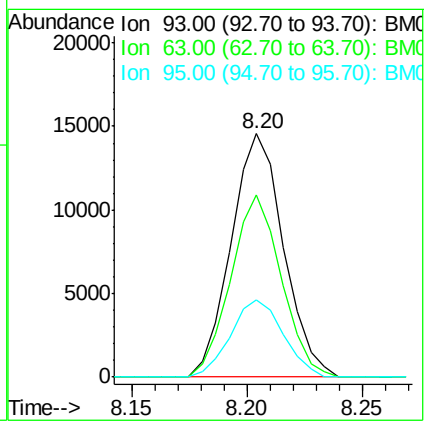
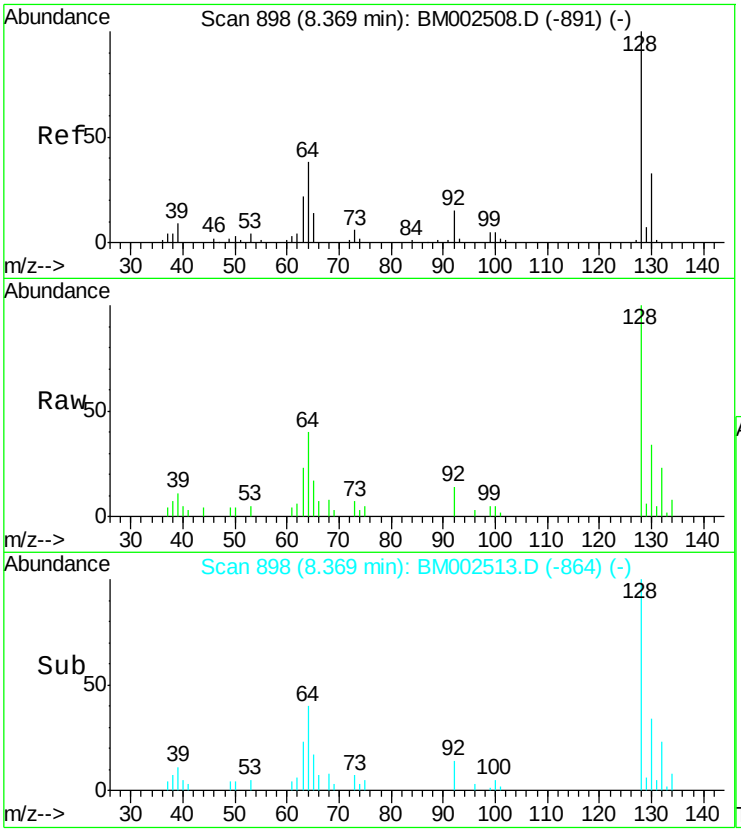


#8
Bis(2-Chloroethyl)ether
Concen: 2.88 ng/ul
RT: 8.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion: 93 Resp: 23018

Ion	Ratio	Lower	Upper
93	100		
63	75.0	64.6	97.0
95	31.9	26.6	40.0

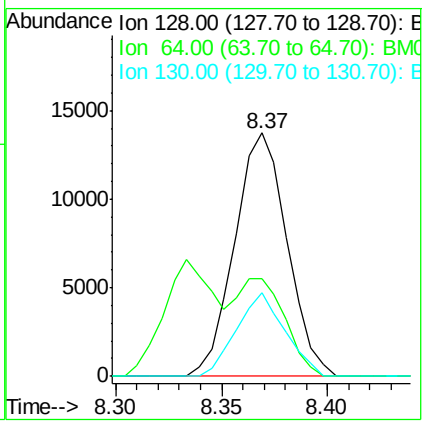




#10
2-Chlorophenol
Concen: 2.77 ng/ul
RT: 8.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:128 Resp: 23667

Ion	Ratio	Lower	Upper
128	100		
64	39.9	38.7	58.1
130	34.3	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

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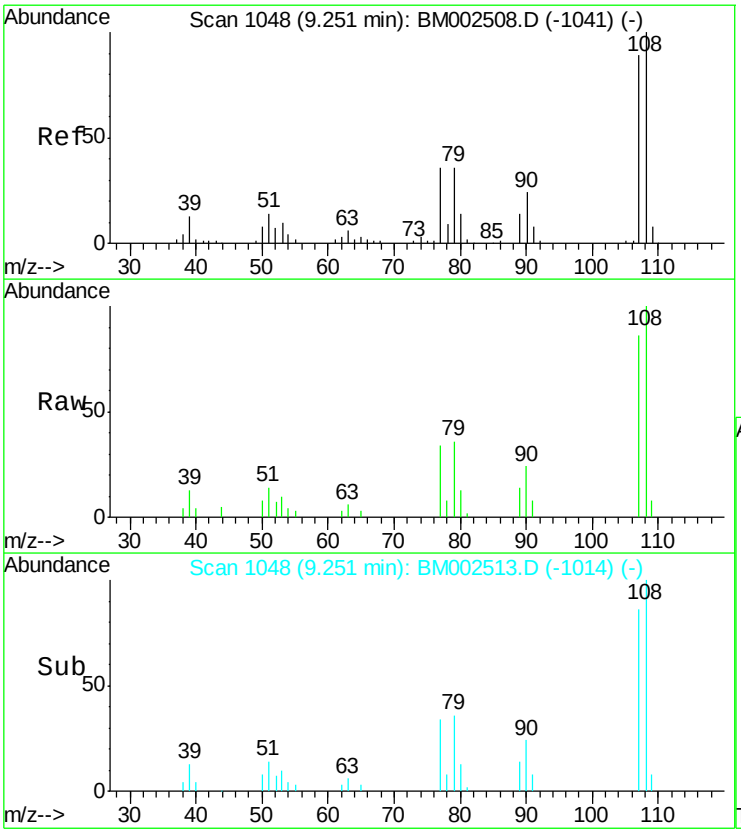
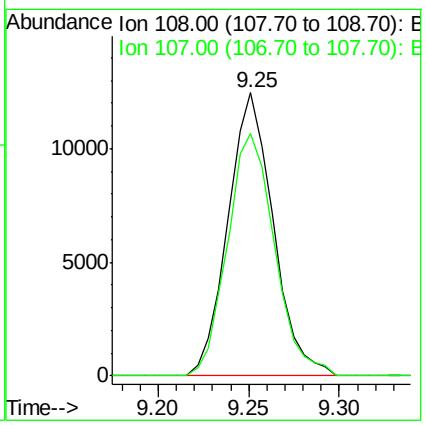
8/20/2015 3:37:32 PM

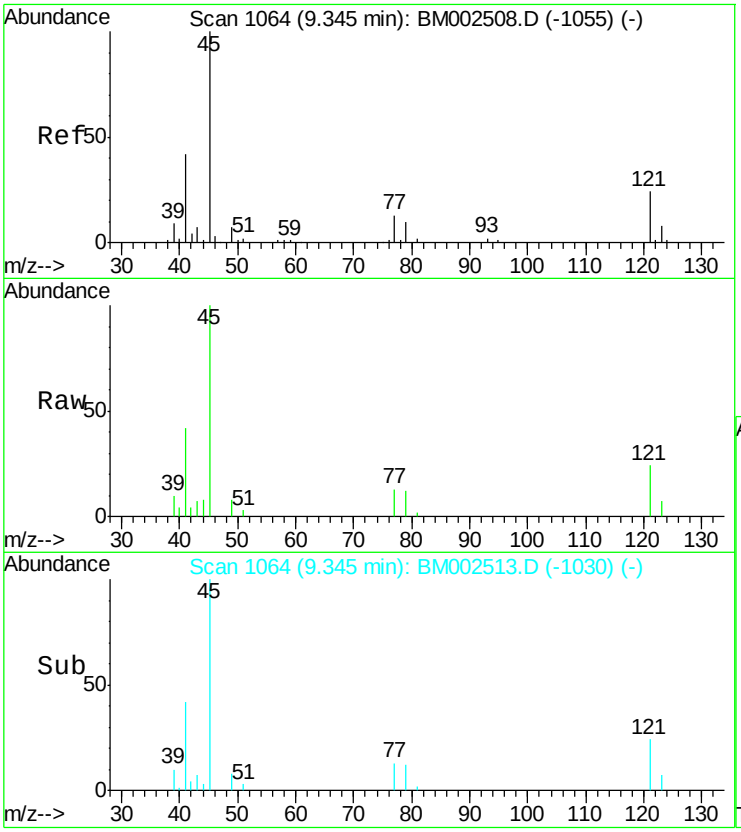


#11
2-Methylphenol
Concen: 2.64 ng/ul
RT: 9.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:108 Resp: 21675

Ion	Ratio	Lower	Upper
108	100		
107	85.7	72.0	108.0





#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.19 ng/ul
RT: 9.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion: 45 Resp: 31251

Ion	Ratio	Lower	Upper
45	100		
77	12.7	9.4	14.2
79	11.9	7.5	11.3#

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

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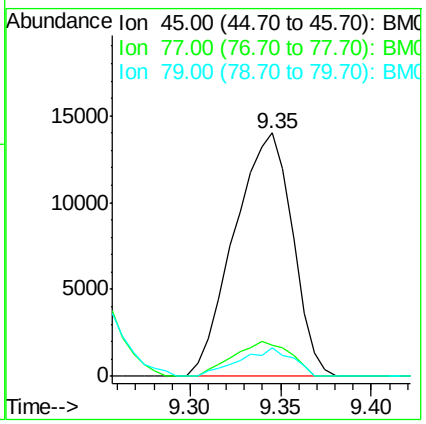
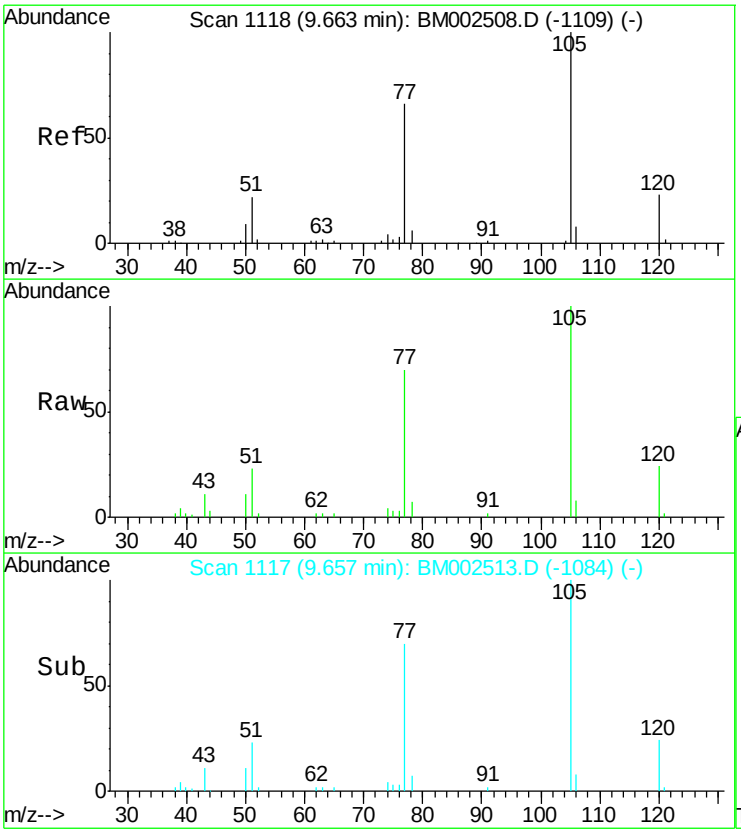
8/20/2015 3:37:32 PM

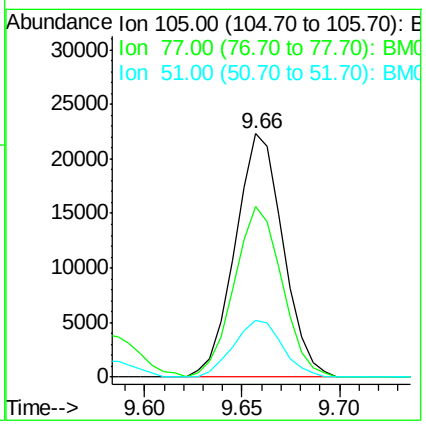


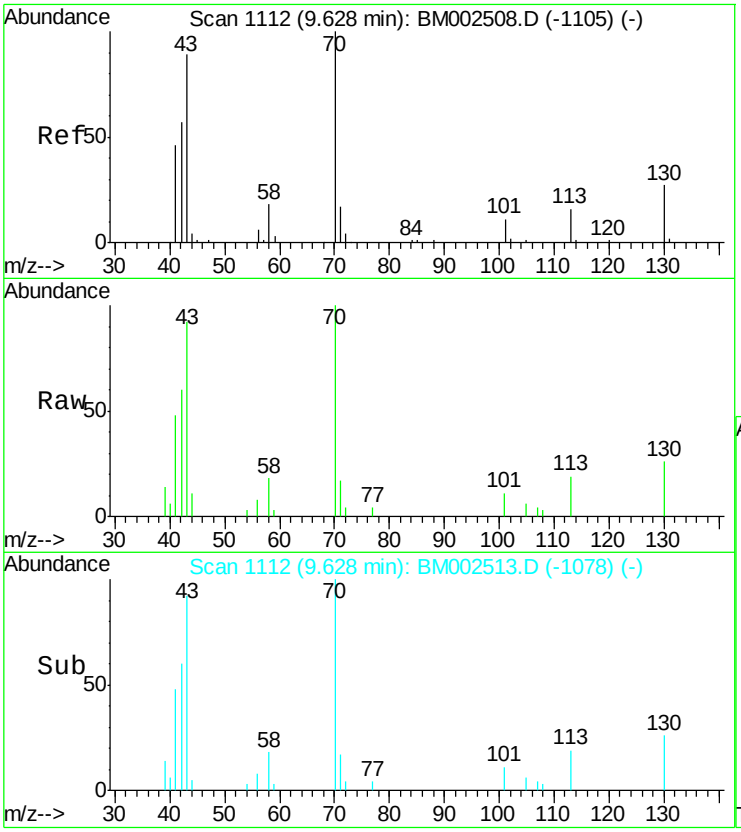


#14
Acetophenone
Concen: 2.94 ng/ul
RT: 9.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:105 Resp: 37937

Ion	Ratio	Lower	Upper
105	100		
77	70.3	59.4	89.0
51	23.5	23.4	35.0

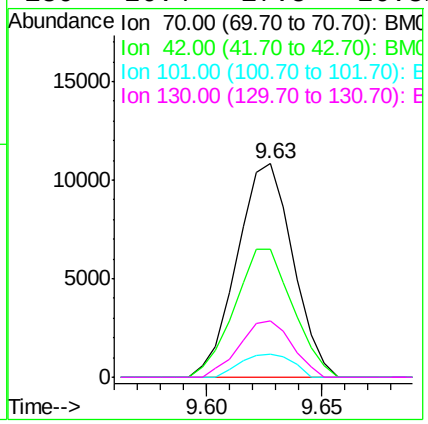




#15
N-Nitroso-di-n-propylamine
Concen: 2.63 ng/ul
RT: 9.63 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

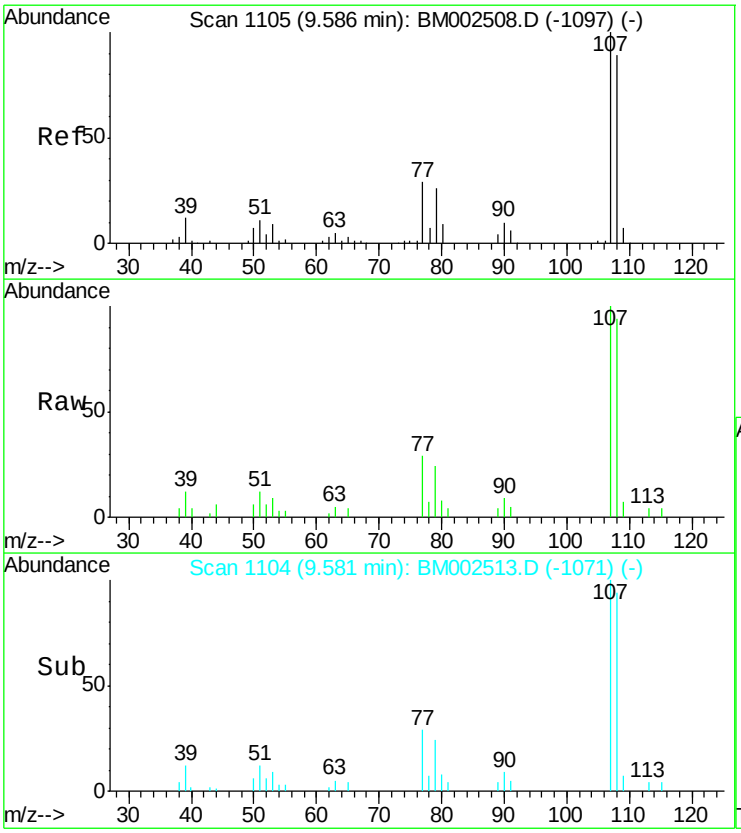
Tgt Ion: 70 Resp: 18257

Ion	Ratio	Lower	Upper
70	100		
42	59.6	53.4	80.0
101	11.0	7.7	11.5
130	26.4	17.5	26.3#



Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

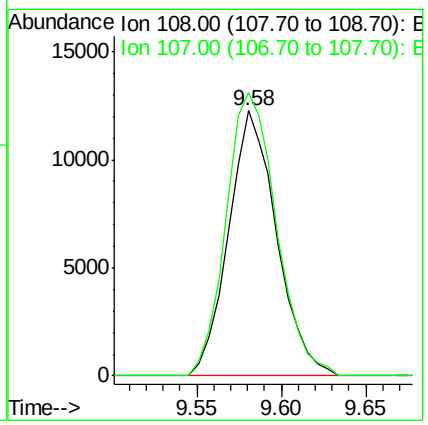
Manual Integrations APPROVED
MMDadoda
8/20/2015 3:37:32 PM

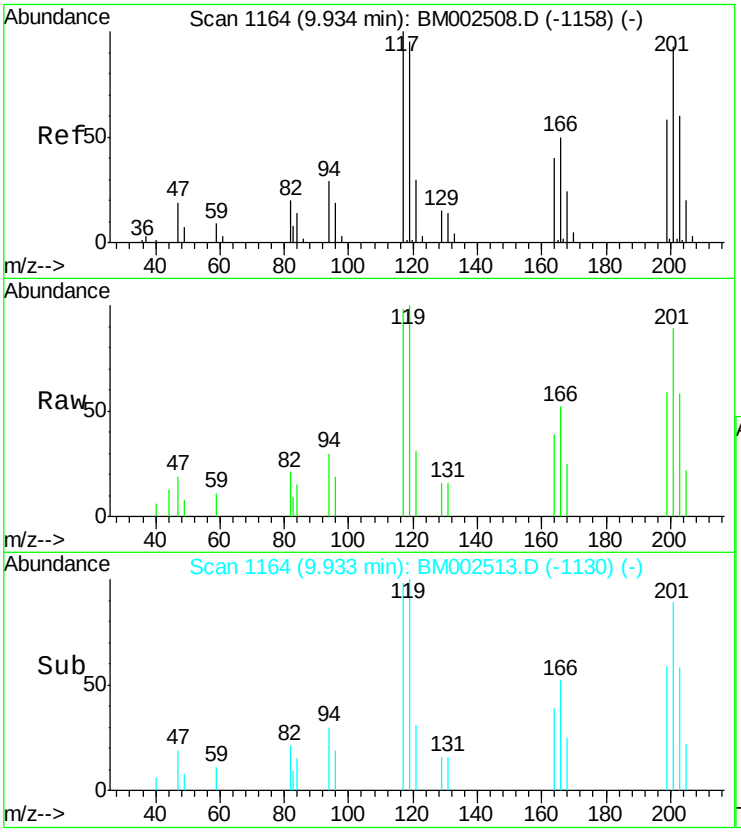


#16
4-Methylphenol
Concen: 2.70 ng/ul
RT: 9.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:108 Resp: 24228

Ion	Ratio	Lower	Upper
108	100		
107	106.9	90.9	136.3

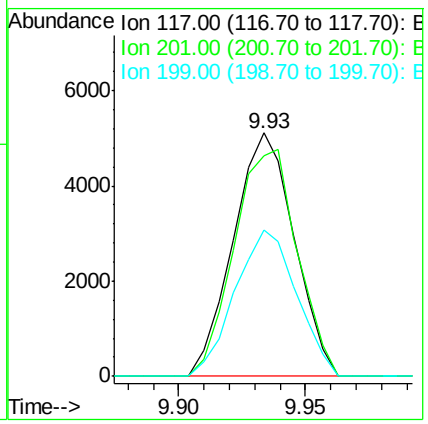




#17
Hexachloroethane
Concen: 2.53 ng/ul
RT: 9.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:117 Resp: 8518

Ion	Ratio	Lower	Upper
117	100		
201	90.8	71.5	107.3
199	59.9	44.9	67.3



Instrument :
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ClientSampleId :
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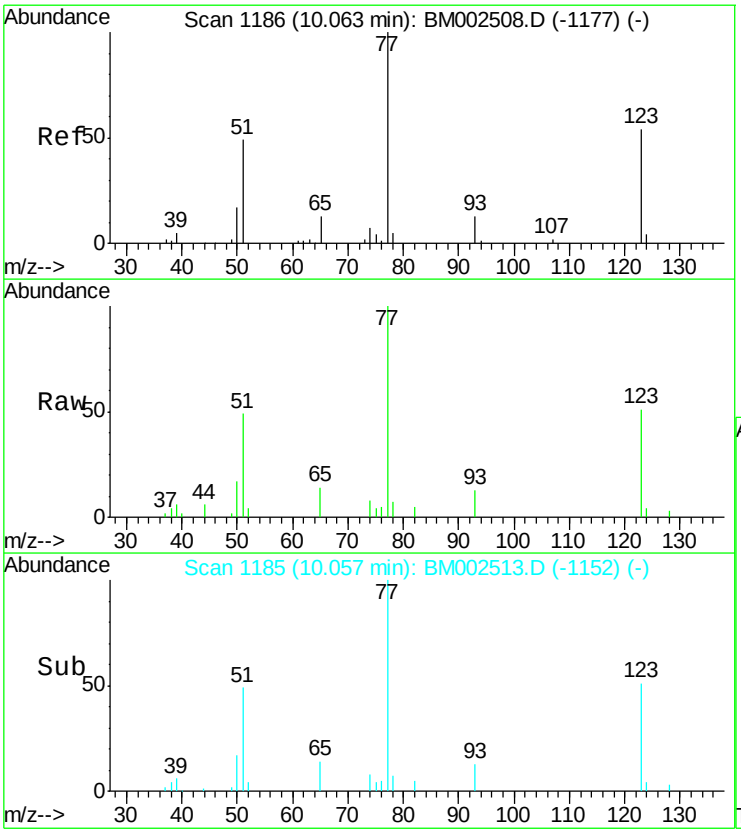
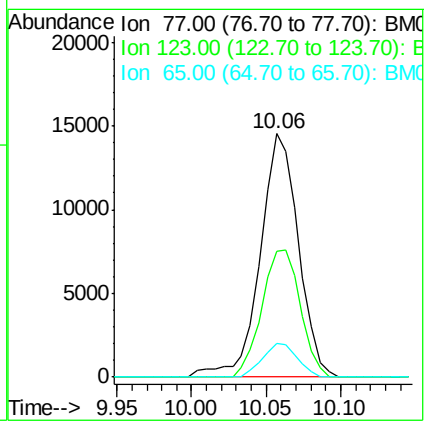
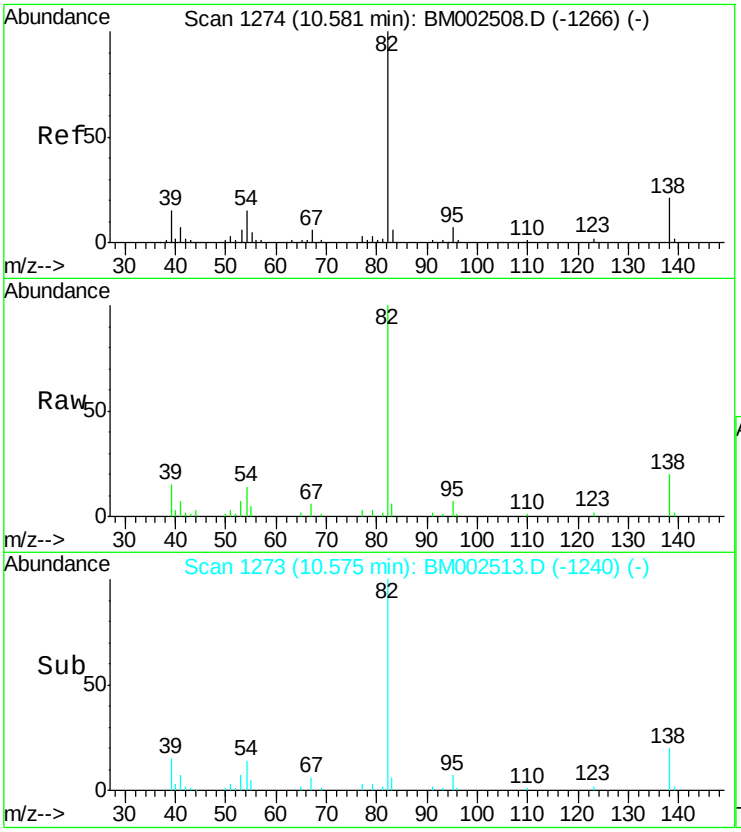


#20
Nitrobenzene
Concen: 2.72 ng/ul
RT: 10.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion: 77 Resp: 25796

Ion	Ratio	Lower	Upper
77	100		
123	51.5	37.0	55.6
65	13.8	11.0	16.6





#21
Isophorone
Concen: 2.72 ng/ul
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion: 82 Resp: 51499

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.9	8.9
138	20.5	15.0	22.4

Instrument :
BNA_M
ClientSampleId :
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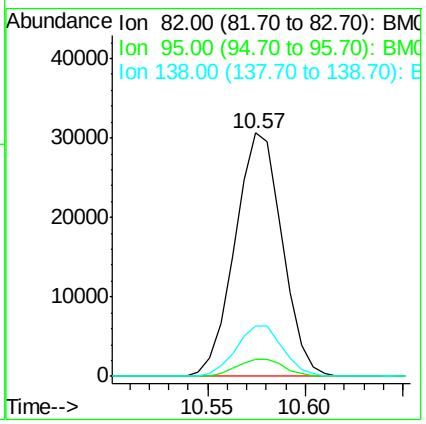
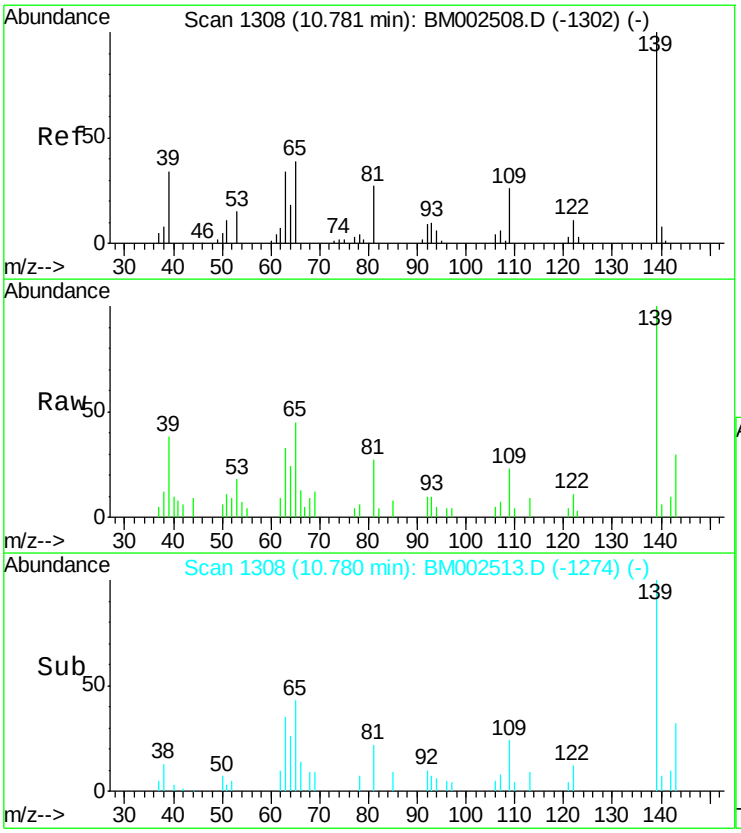
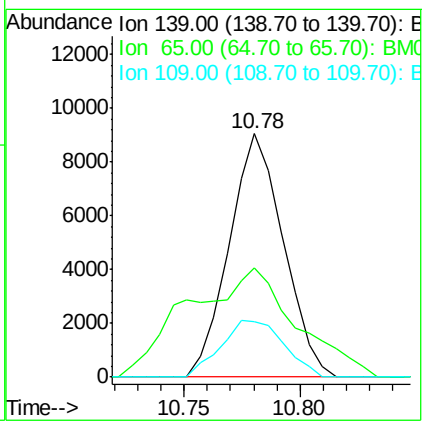


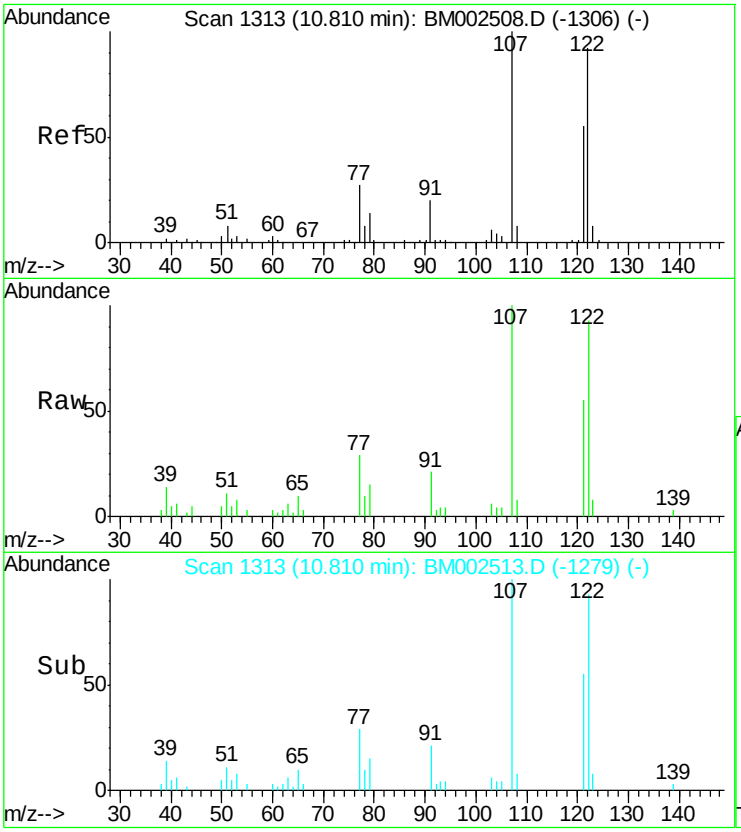


#23
2-Nitrophenol
Concen: 3.59 ng/ul
RT: 10.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:139 Resp: 14775

Ion	Ratio	Lower	Upper
139	100		
65	44.7	43.0	64.6
109	22.9	23.8	35.8#

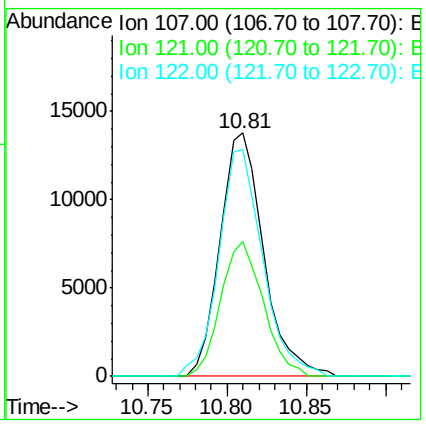




#24
2,4-Dimethylphenol
Concen: 2.60 ng/ul
RT: 10.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:107 Resp: 26285

Ion	Ratio	Lower	Upper
107	100		
121	55.4	41.8	62.6
122	93.5	71.2	106.8



Instrument :
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ClientSampleId :
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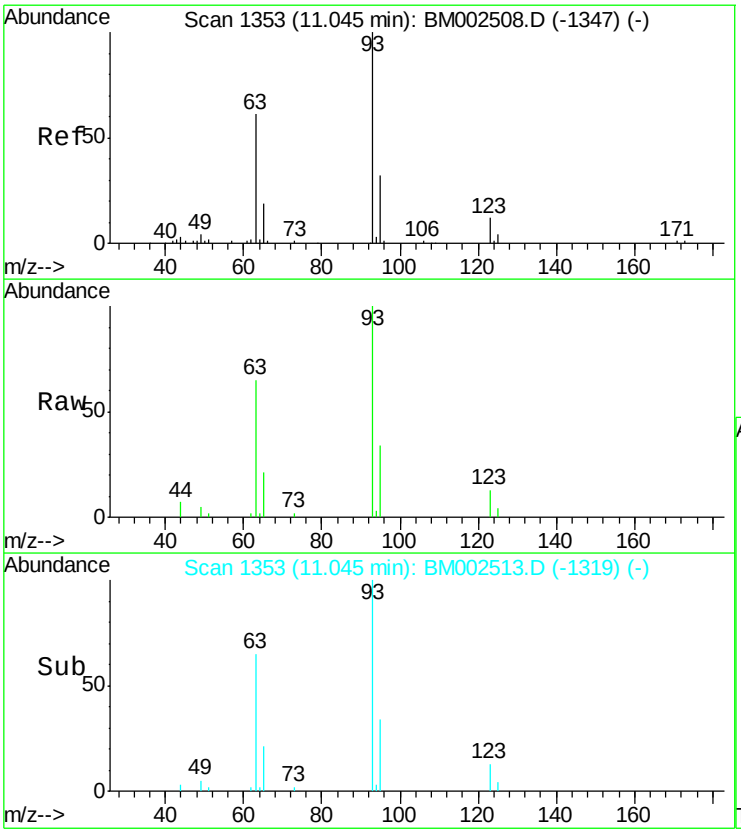
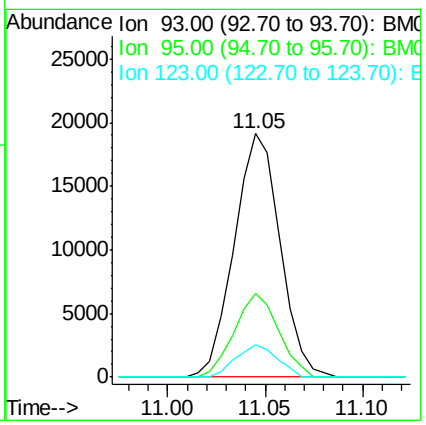
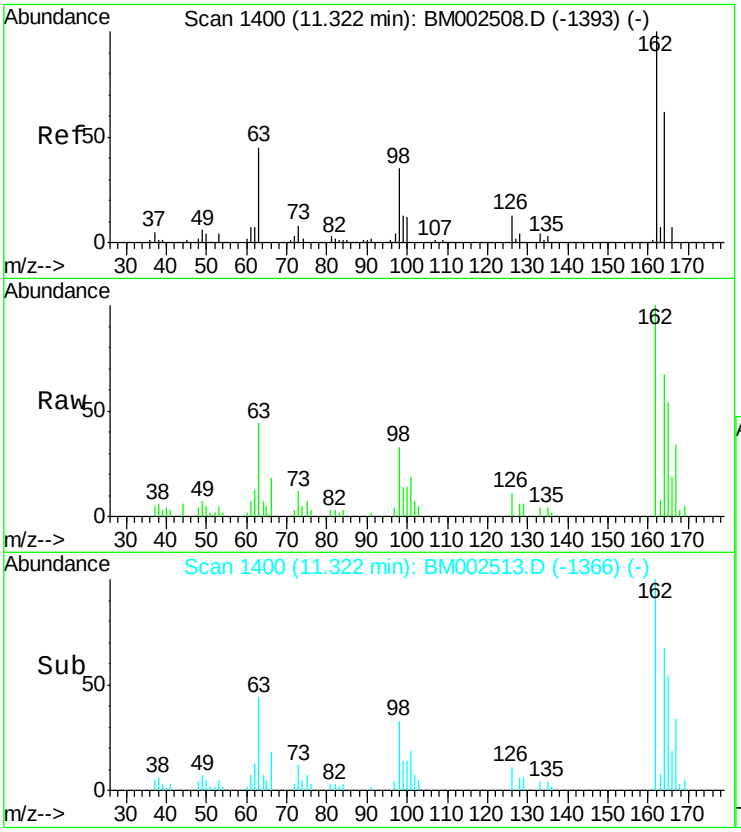


#25
Bis(2-Chloroethoxy)methane
Concen: 2.66 ng/ul
RT: 11.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion: 93 Resp: 31165

Ion	Ratio	Lower	Upper
93	100		
95	34.2	25.8	38.8
123	13.4	9.3	13.9

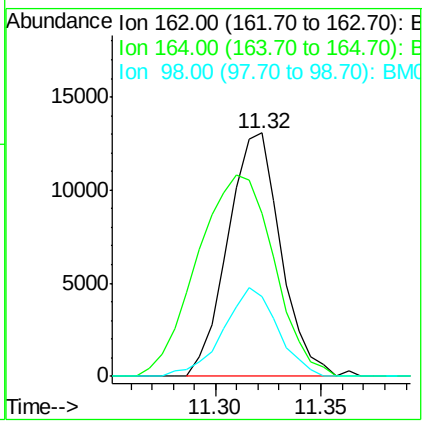




#27
2,4-Dichlorophenol
Concen: 2.98 ng/ul
RT: 11.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:162 Resp: 22701

Ion	Ratio	Lower	Upper
162	100		
164	66.9	52.9	79.3
98	32.7	31.4	47.0



Instrument :
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ClientSampleId :
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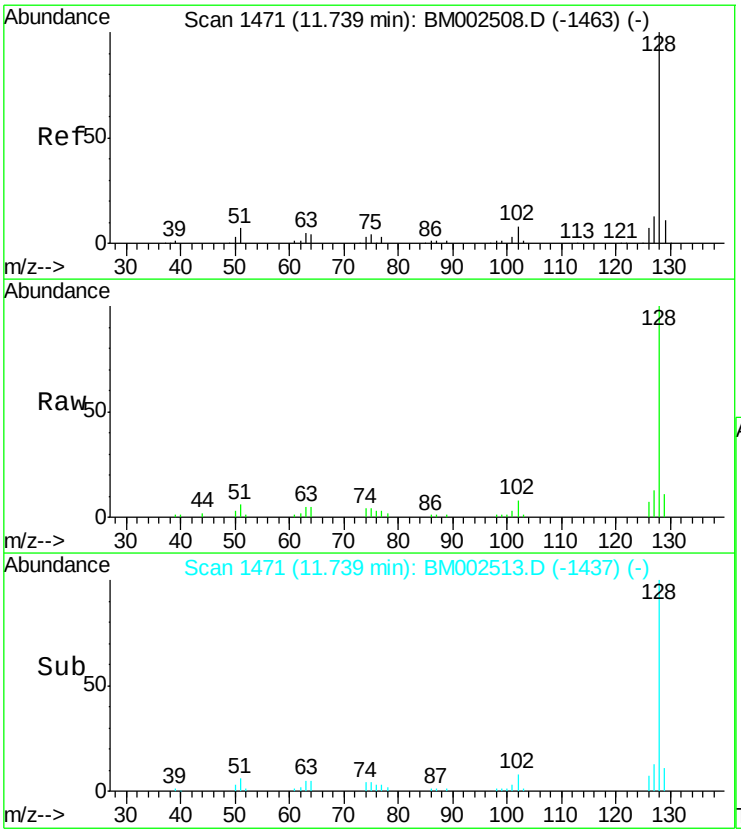
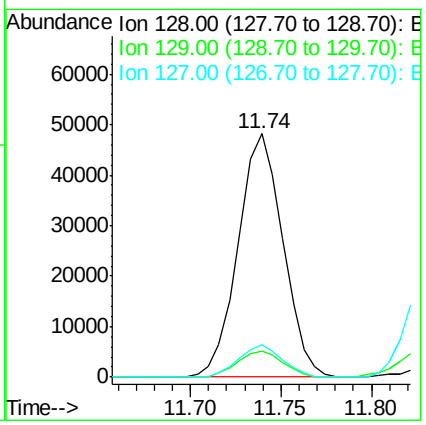
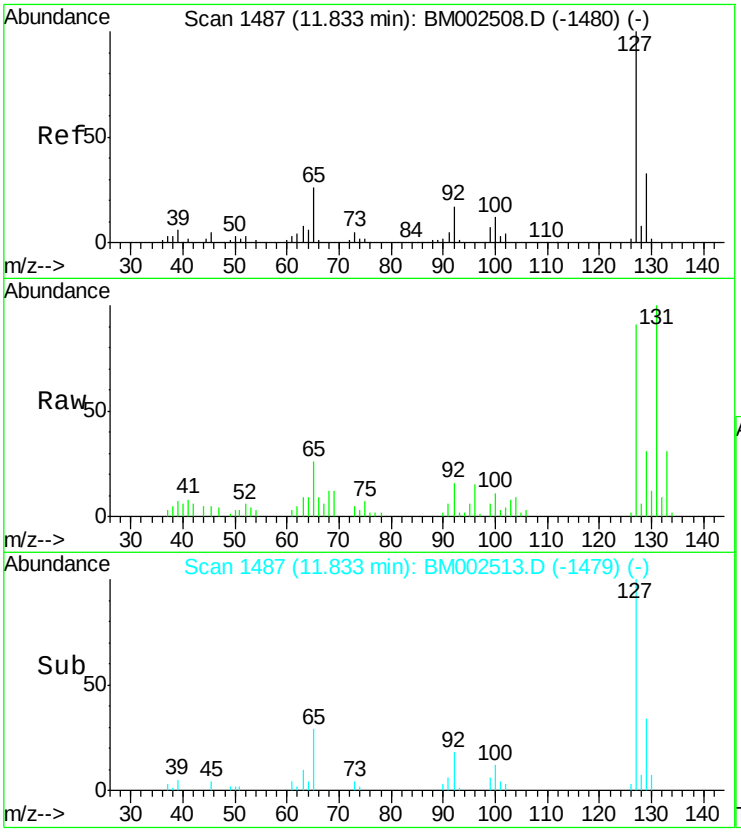


#28
Naphthalene
Concen: 2.88 ng/ul
RT: 11.74 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:128 Resp: 82707

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	13.4	10.4	15.6





#30
4-Chloroaniline
Concen: 3.59 ng/ul
RT: 11.83 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:127 Resp: 37558

Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.6	39.8

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

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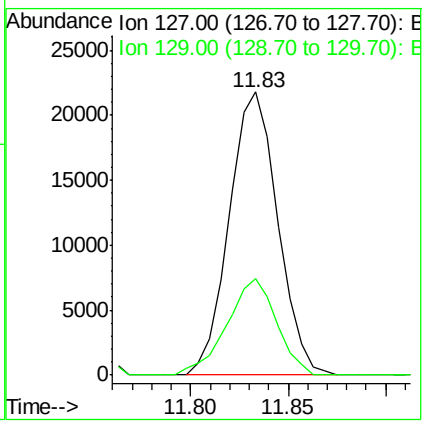
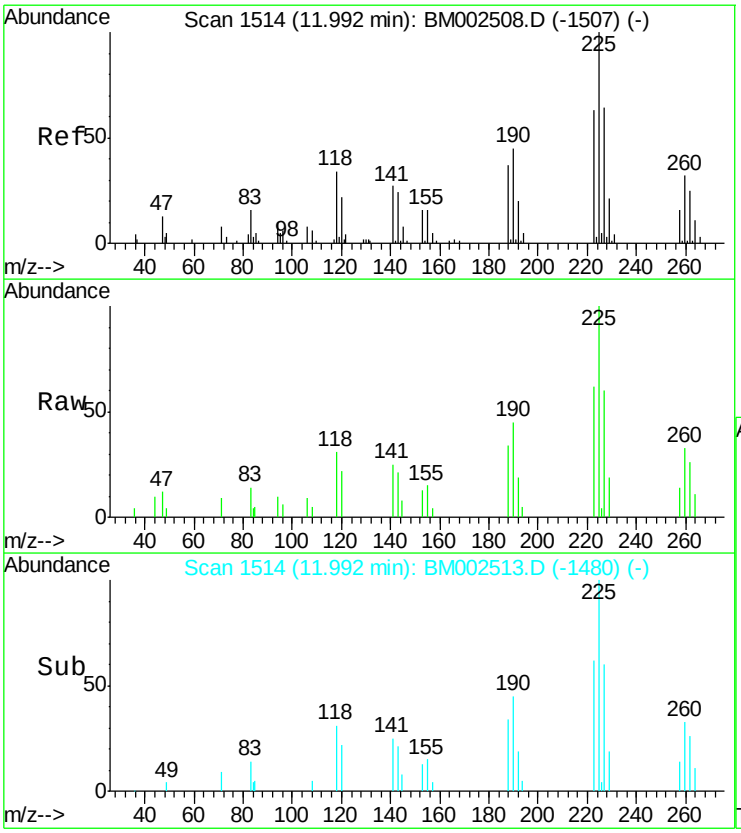
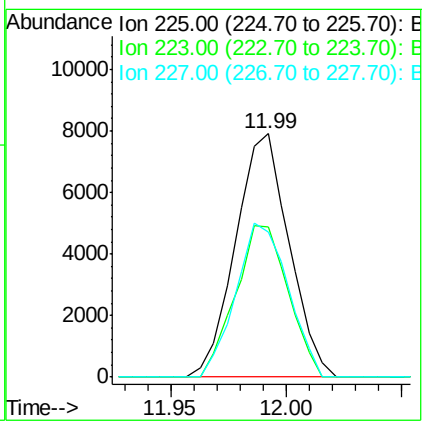


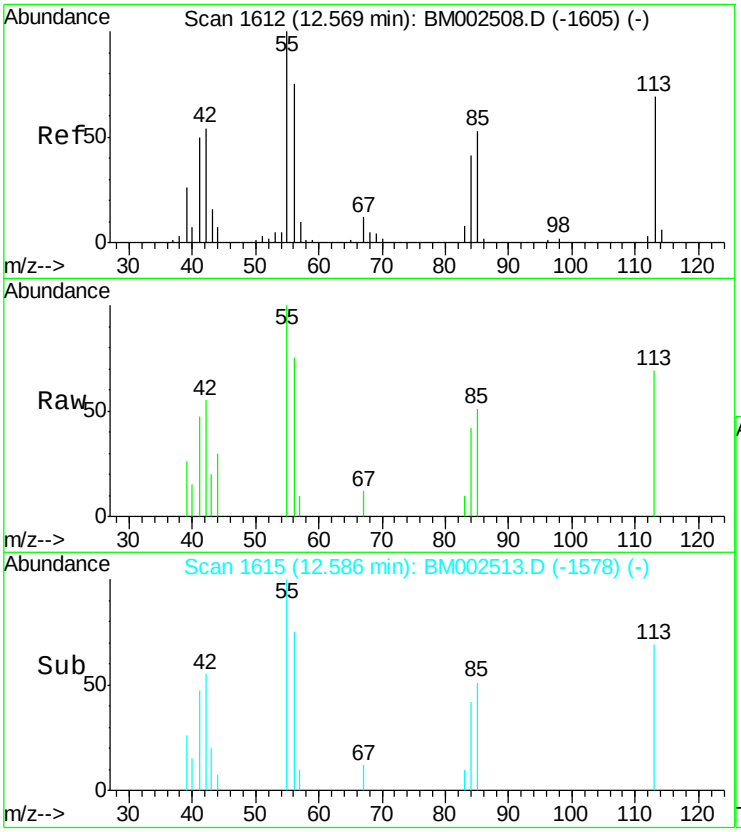


#31
Hexachlorobutadiene
Concen: 2.90 ng/ul
RT: 11.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:225 Resp: 12788

Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.0	76.4
227	59.8	52.1	78.1

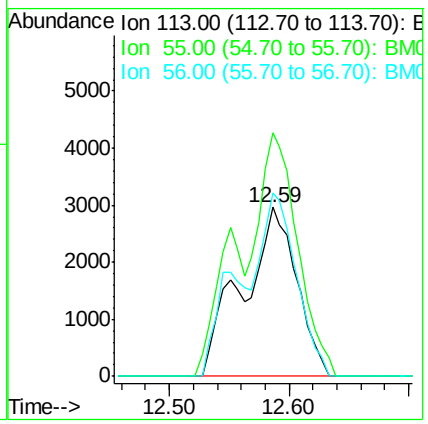




#32
Caprolactam
Concen: 2.96 ng/ul m
RT: 12.59 min Scan# 1615
Delta R.T. 0.02 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:113 Resp: 9315

Ion	Ratio	Lower	Upper
113	100		
55	144.2	152.5	228.7#
56	108.7	111.4	167.0#



Instrument :
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ClientSampleId :
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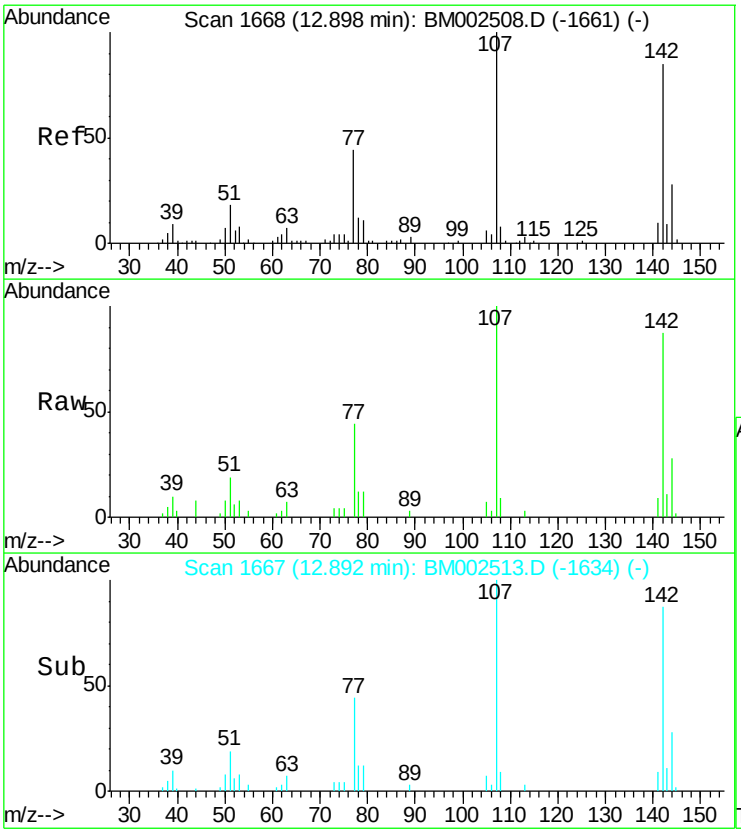
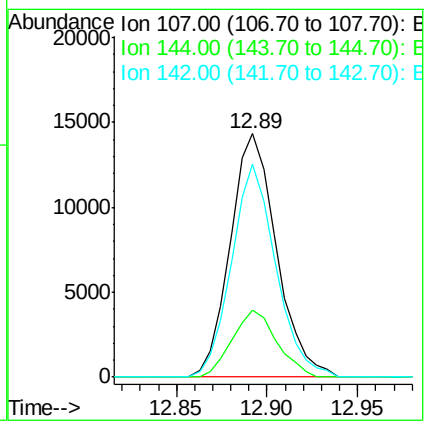
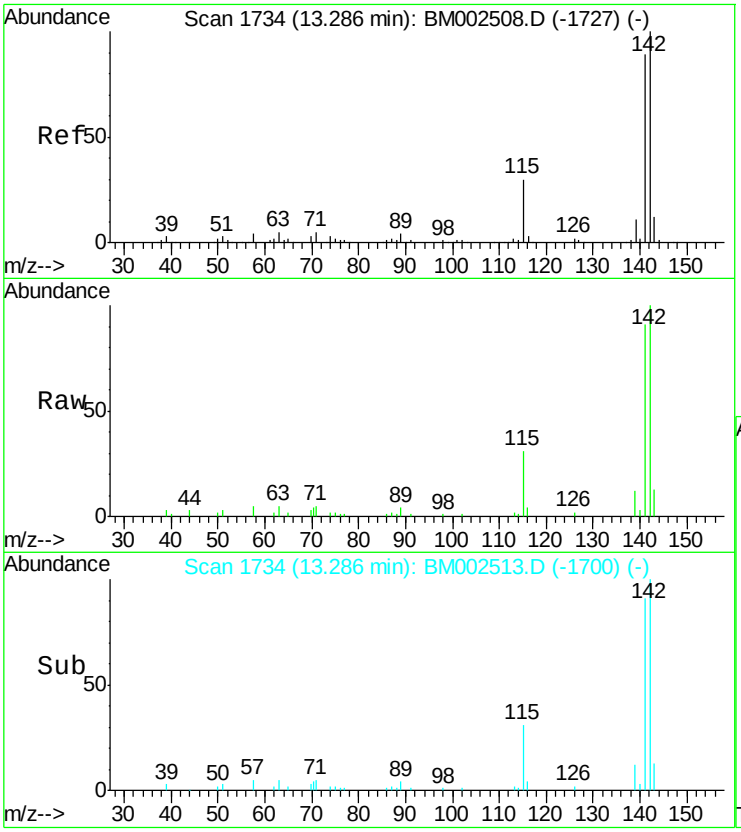


#33
4-Chloro-3-methylphenol
Concen: 2.66 ng/ul
RT: 12.89 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:107 Resp: 25441

Ion	Ratio	Lower	Upper
107	100		
144	27.7	20.3	30.5
142	87.5	63.1	94.7





#34
2-Methylnaphthalene
Concen: 2.93 ng/ul
RT: 13.29 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:142 Resp: 60247

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.5	108.7

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

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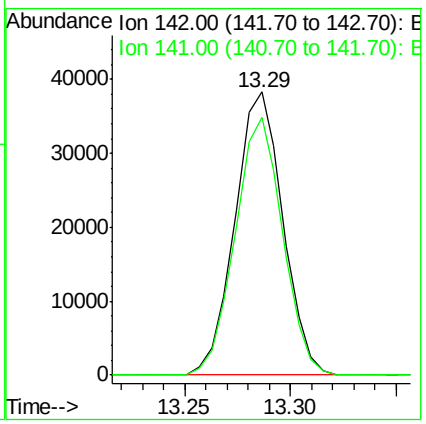
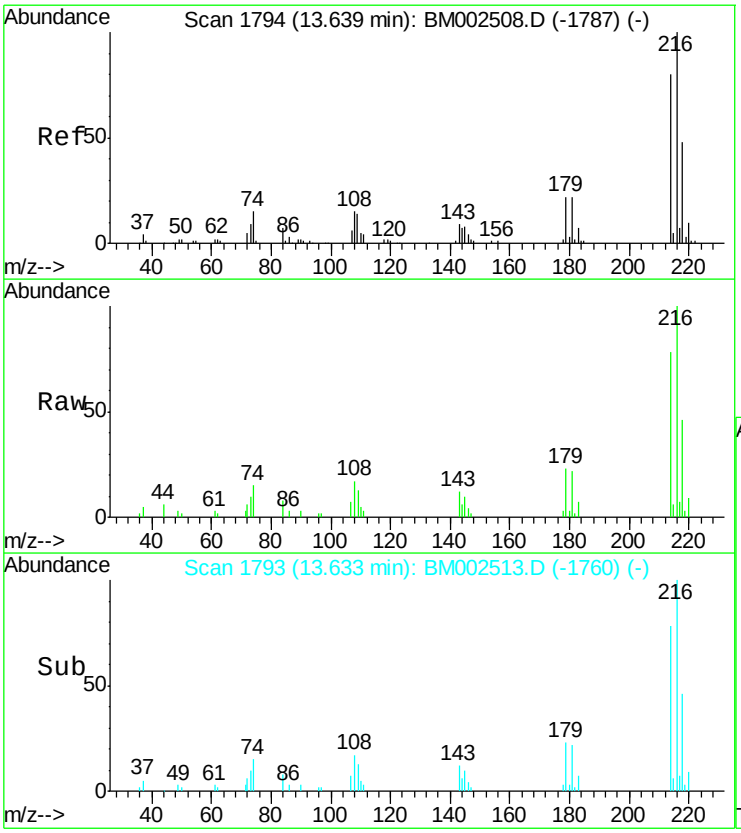
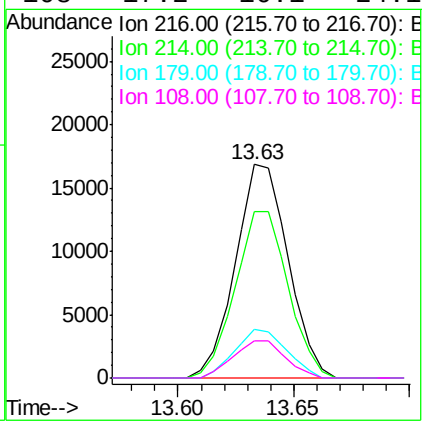


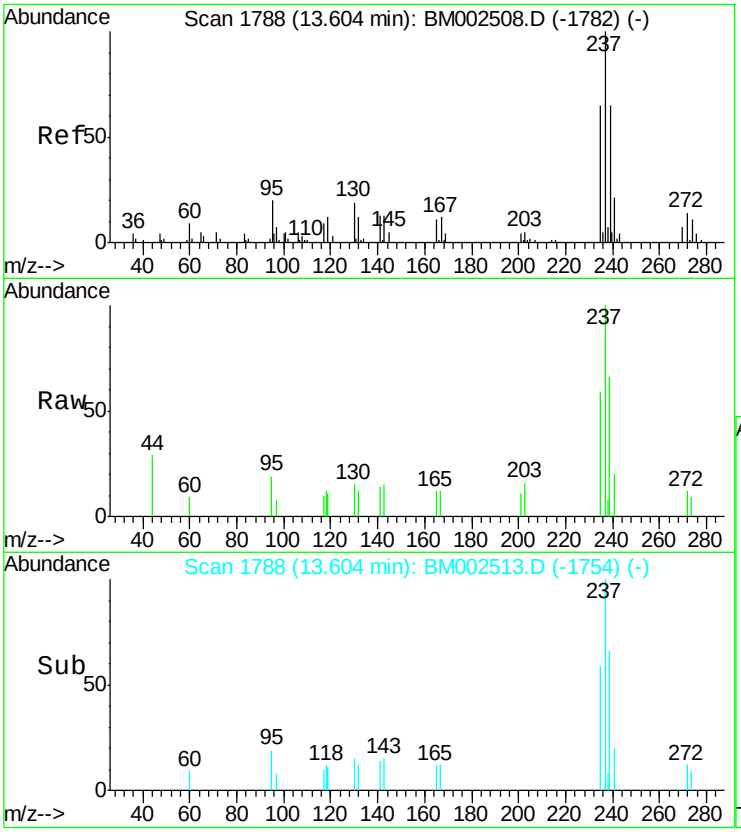


#37
1,2,4,5-Tetrachlorobenzene
Concen: 2.98 ng/ul
RT: 13.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:216 Resp: 26801

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.1	94.7
179	22.6	18.9	28.3
108	17.2	16.1	24.1

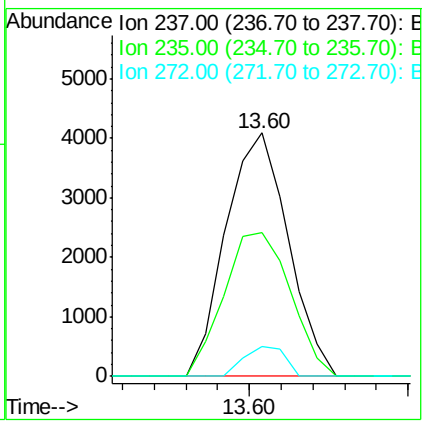




#38
Hexachlorocyclopentadiene
Concen: 1.05 ng/ul
RT: 13.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:237 Resp: 5574

Ion	Ratio	Lower	Upper
237	100		
235	58.9	51.0	76.6
272	12.2	10.8	16.2



Instrument :
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ClientSampleId :
MDL-04-S-ML

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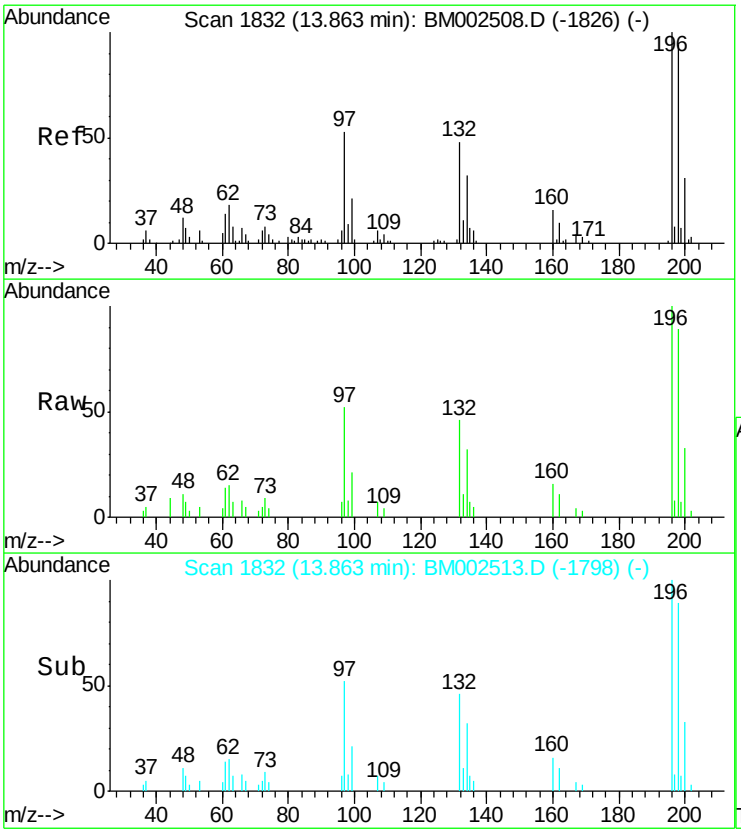
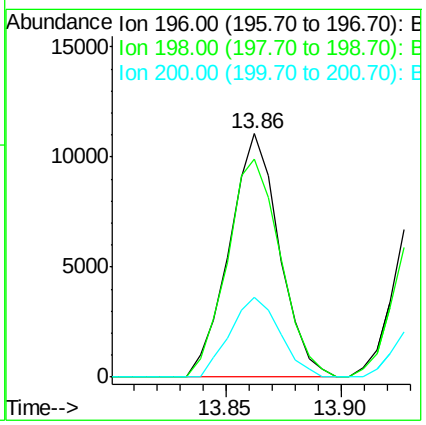
8/20/2015 3:37:32 PM

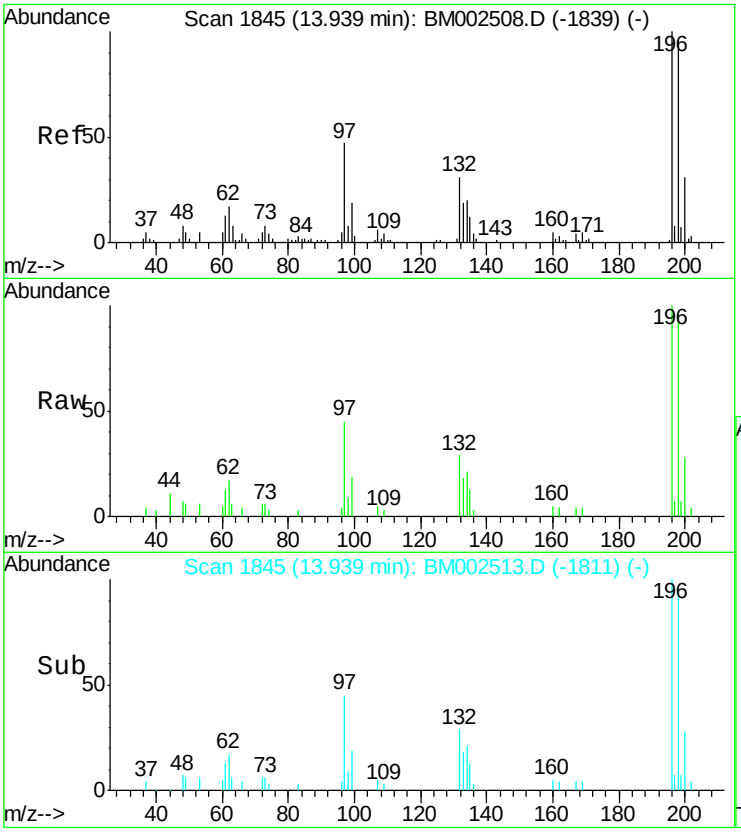


#39
2,4,6-Trichlorophenol
Concen: 2.98 ng/ul
RT: 13.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:196 Resp: 16692

Ion	Ratio	Lower	Upper
196	100		
198	89.4	77.1	115.7
200	32.9	24.8	37.2

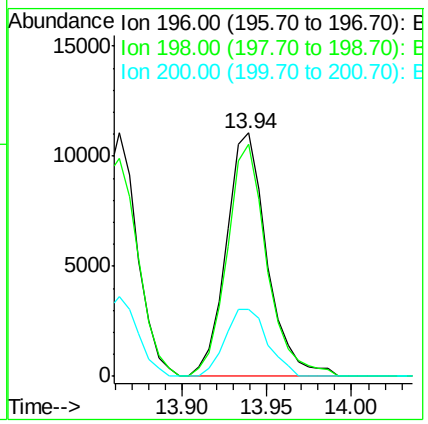




#40
2,4,5-Trichlorophenol
Concen: 2.95 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:196 Resp: 18563

Ion	Ratio	Lower	Upper
196	100		
198	95.6	78.6	117.8
200	27.7	25.0	37.4



Instrument :
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ClientSampleId :
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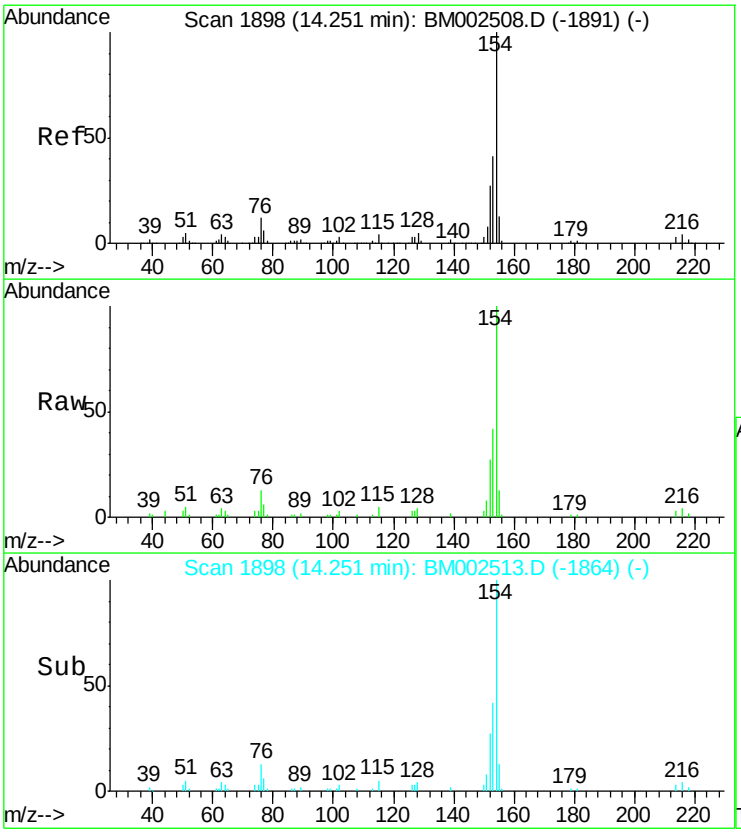
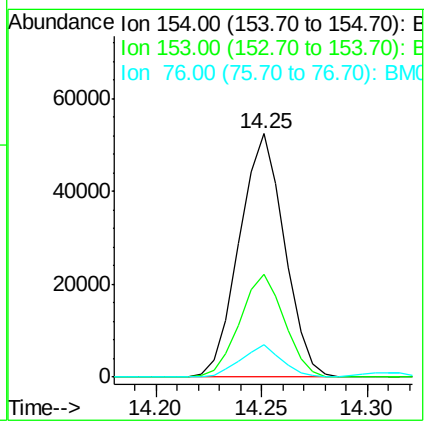
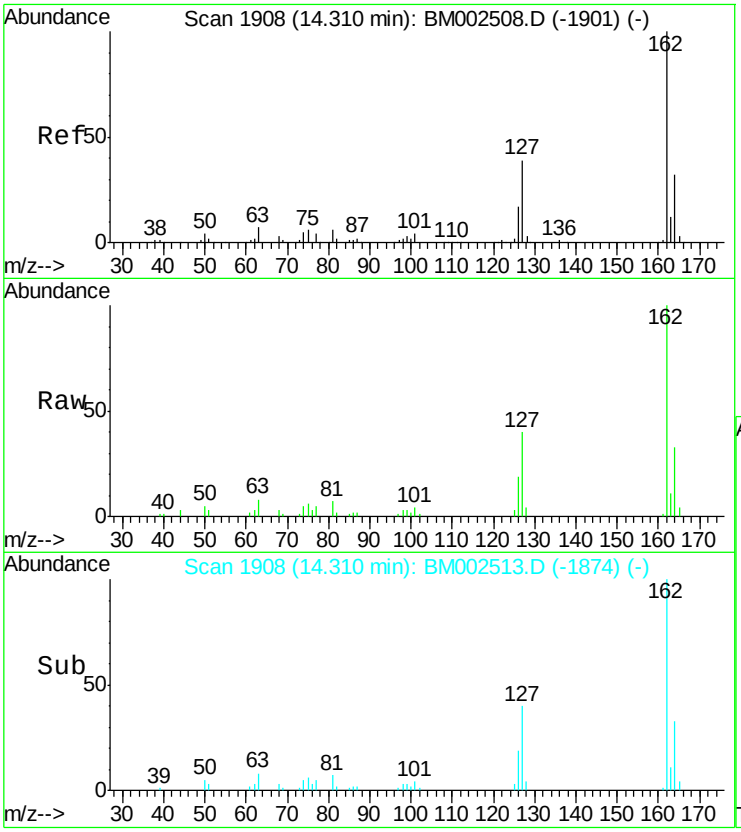


#41
1,1'-Biphenyl
Concen: 2.94 ng/ul
RT: 14.25 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:154 Resp: 77791

Ion	Ratio	Lower	Upper
154	100		
153	42.1	32.1	48.1
76	13.1	11.0	16.4





#42
2-Chloronaphthalene
Concen: 2.93 ng/ul
RT: 14.31 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:162 Resp: 59069

Ion	Ratio	Lower	Upper
162	100		
164	33.1	26.7	40.1
127	40.0	33.6	50.4

Instrument :
BNA_M
ClientSampleId :
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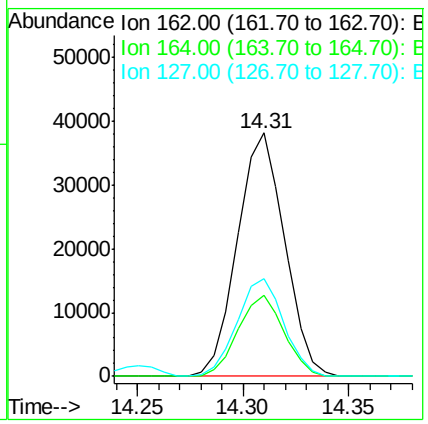
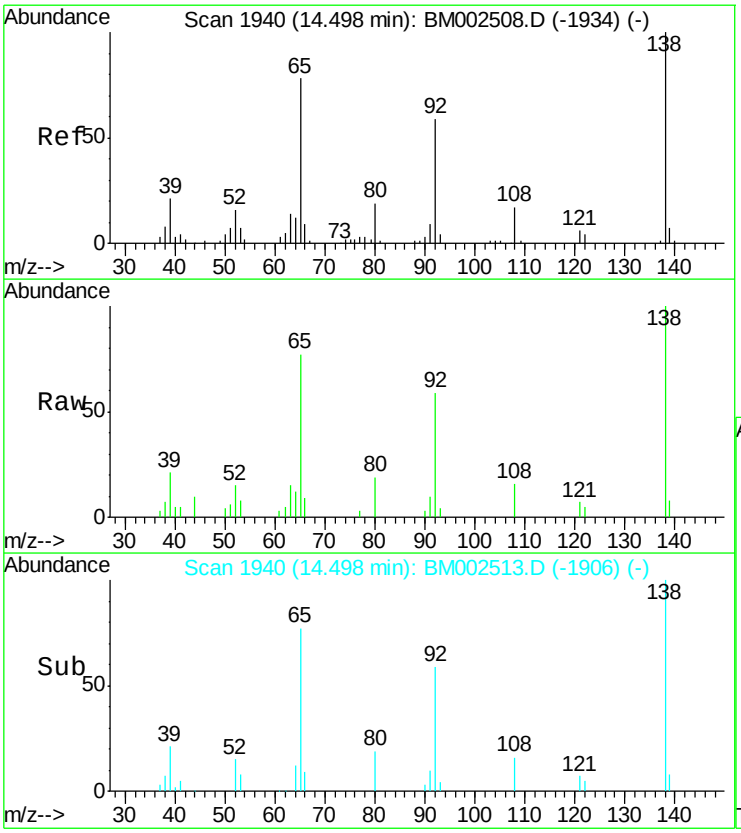
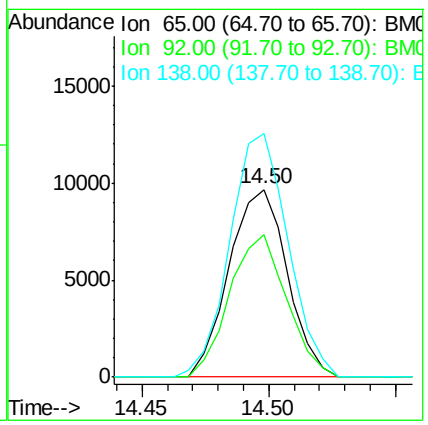


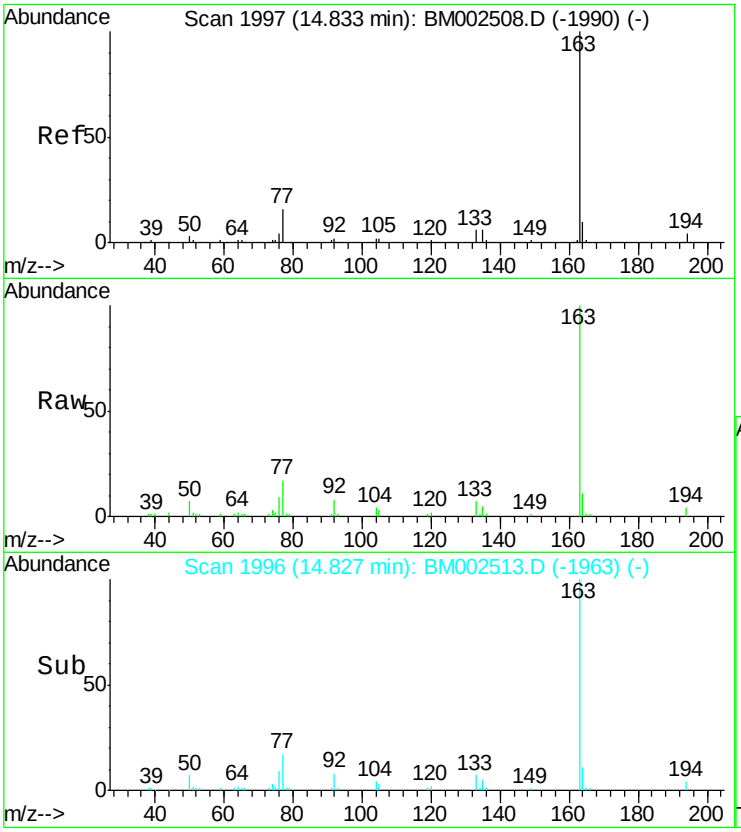


#43
2-Nitroaniline
Concen: 2.53 ng/ul
RT: 14.50 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion: 65 Resp: 15460

Ion	Ratio	Lower	Upper
65	100		
92	76.2	54.0	81.0
138	129.8	83.1	124.7#

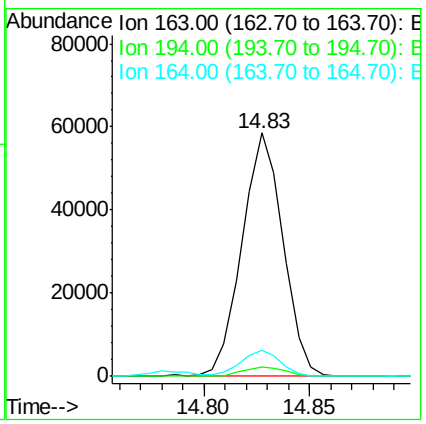




#45
Dimethylphthalate
Concen: 3.01 ng/ul
RT: 14.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:163 Resp: 79096

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.5	7.9	11.9



Instrument :
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ClientSampleId :
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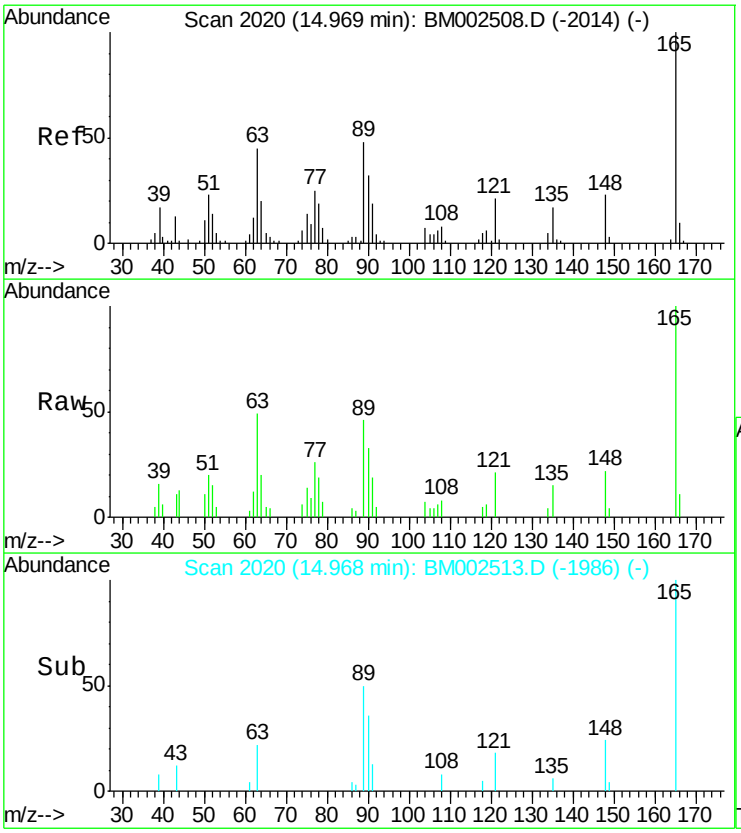
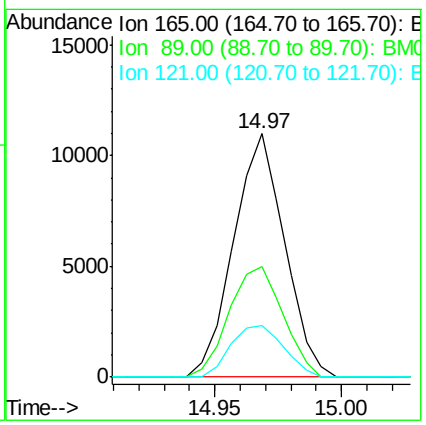
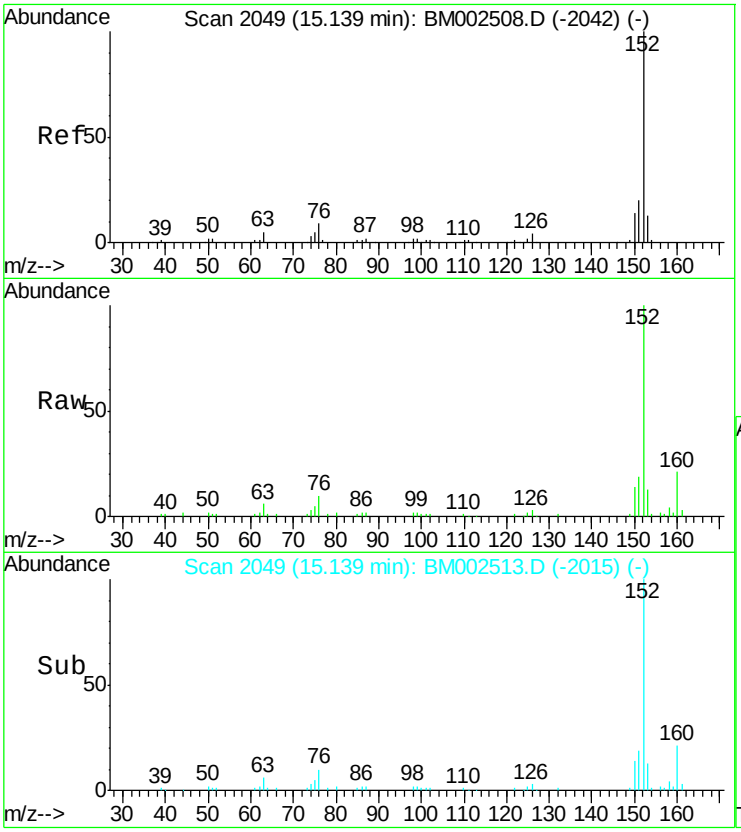


#46
2,6-Dinitrotoluene
Concen: 3.11 ng/ul
RT: 14.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:165 Resp: 15313

Ion	Ratio	Lower	Upper
165	100		
89	45.6	46.6	69.8#
121	21.4	19.0	28.4





#48
Acenaphthylene
Concen: 3.01 ng/ul
RT: 15.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:152 Resp: 101337

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.9	23.9
153	12.9	10.6	15.8

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

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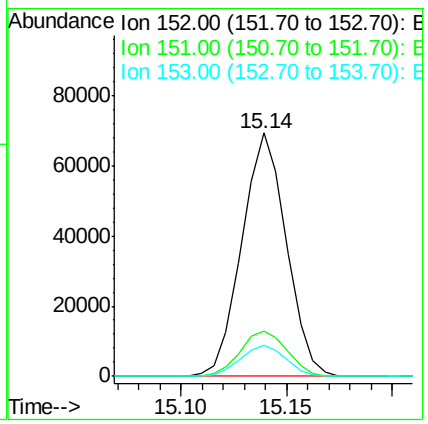
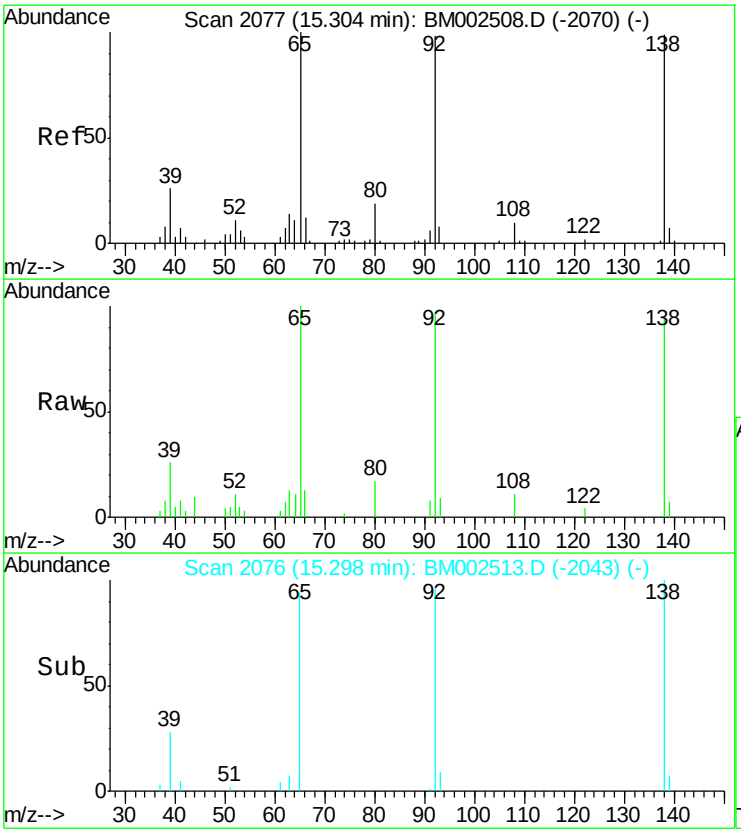
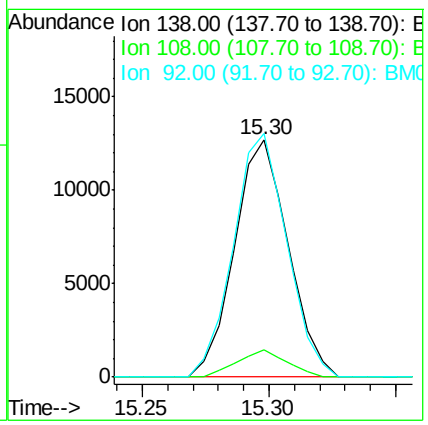


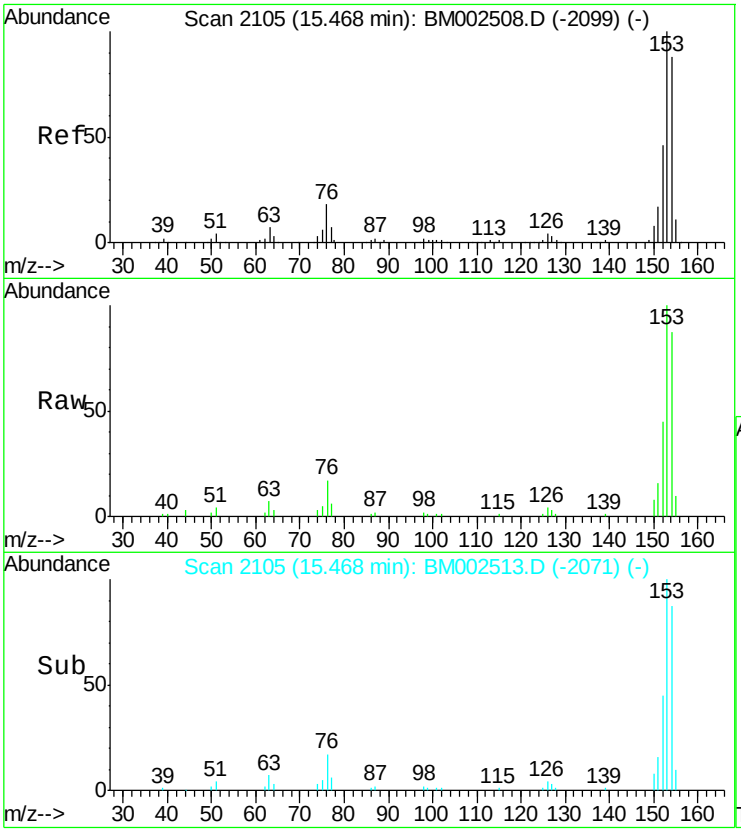


#49
3-Nitroaniline
Concen: 3.52 ng/ul
RT: 15.30 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:138 Resp: 18761

Ion	Ratio	Lower	Upper
138	100		
108	11.5	11.7	17.5#
92	102.4	94.3	141.5

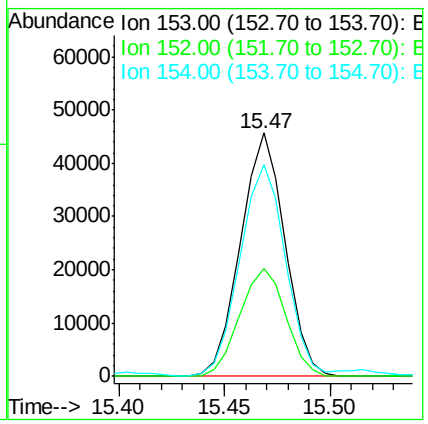




#50
Acenaphthene
Concen: 2.93 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:153 Resp: 66523

Ion	Ratio	Lower	Upper
153	100		
152	44.5	36.6	55.0
154	87.2	71.5	107.3



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ClientSampleId :
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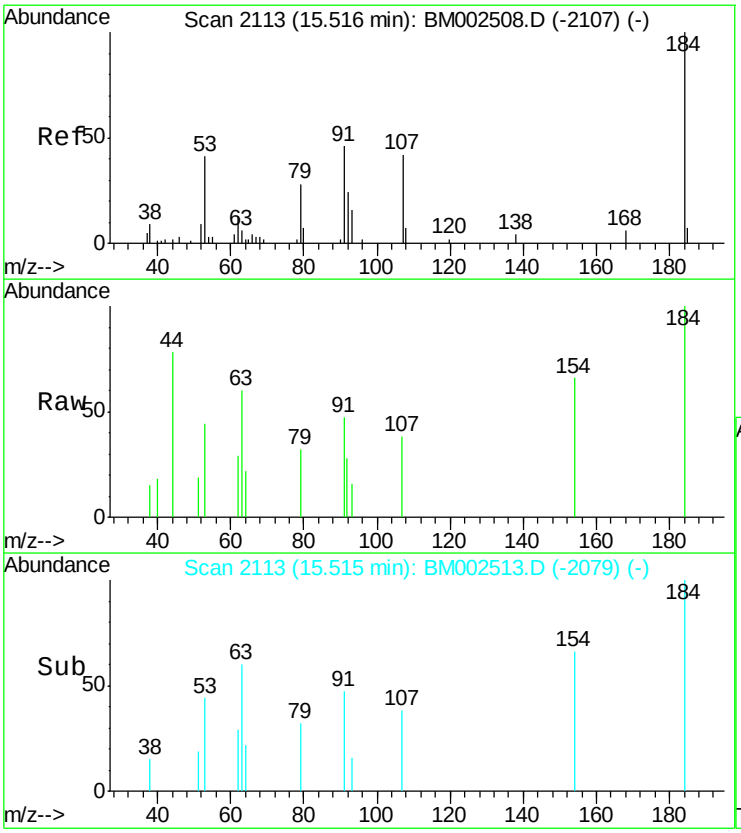
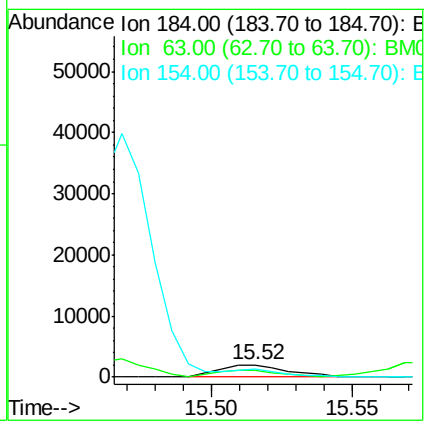
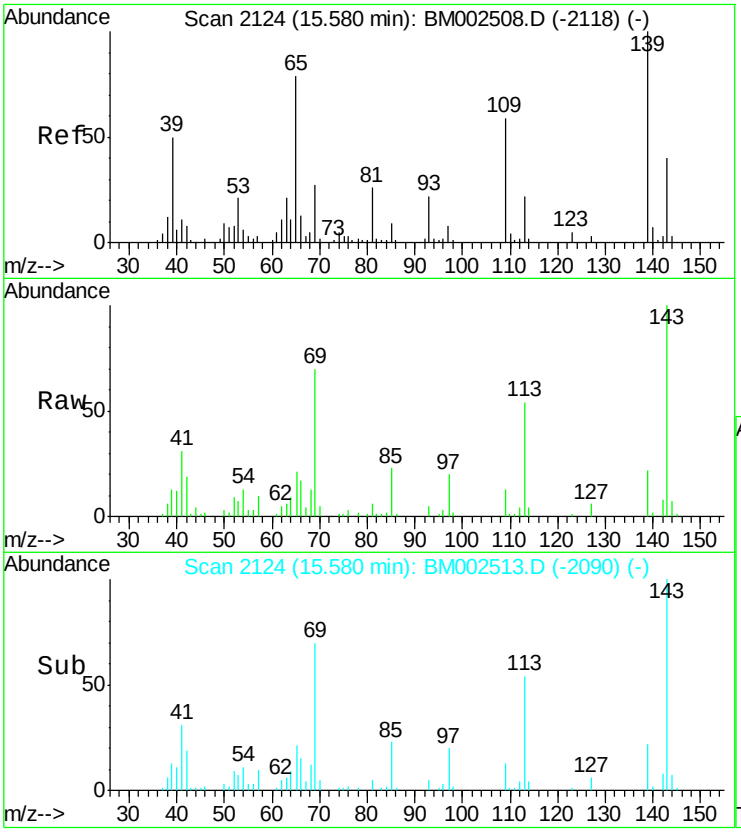


#51
2,4-Dinitrophenol
Concen: 1.93 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:184 Resp: 3283

Ion	Ratio	Lower	Upper
184	100		
63	59.7	94.8	142.2#
154	65.9	525.6	788.4#

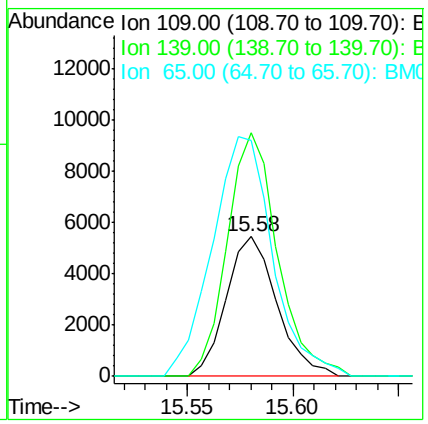




#53
4-Nitrophenol
Concen: 2.65 ng/ul
RT: 15.58 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:109 Resp: 9053

Ion	Ratio	Lower	Upper
109	100		
139	174.1	118.7	178.1
65	168.4	116.6	174.8



Instrument :
BNA_M
ClientSampleId :
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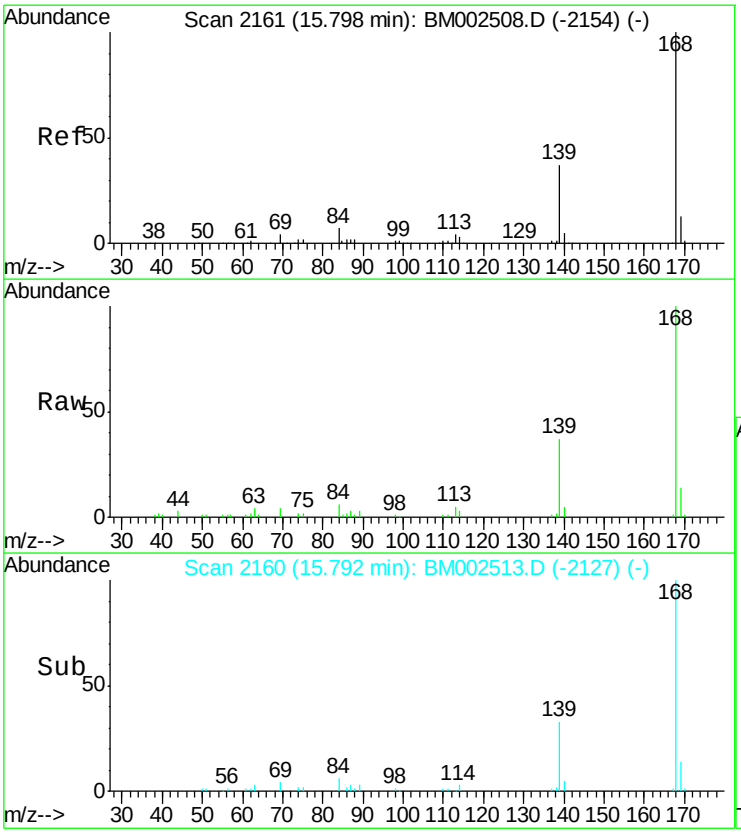
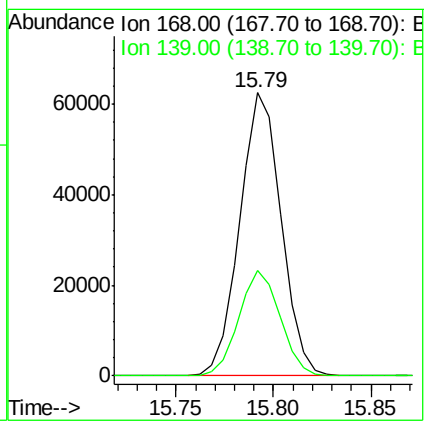
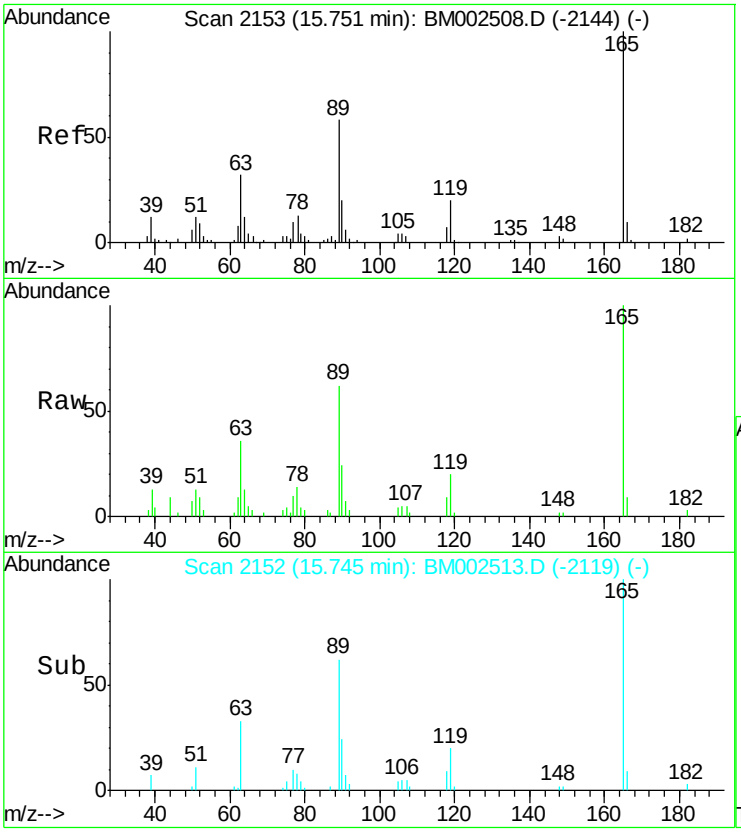


#54
Dibenzofuran
Concen: 3.04 ng/ul
RT: 15.79 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:168 Resp: 91984

Ion	Ratio	Lower	Upper
168	100		
139	37.3	31.3	46.9





#55
2,4-Dinitrotoluene
Concen: 3.30 ng/ul
RT: 15.74 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:165 Resp: 23103

Ion	Ratio	Lower	Upper
165	100		
63	35.7	35.9	53.9#
182	3.1	2.5	3.7

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

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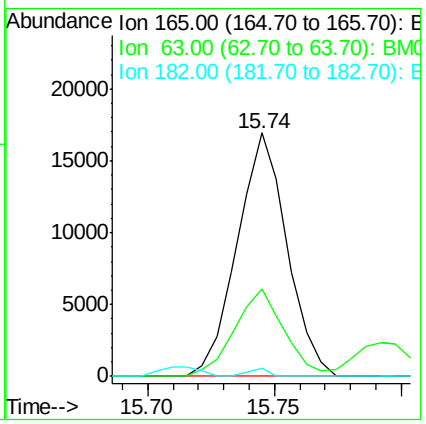
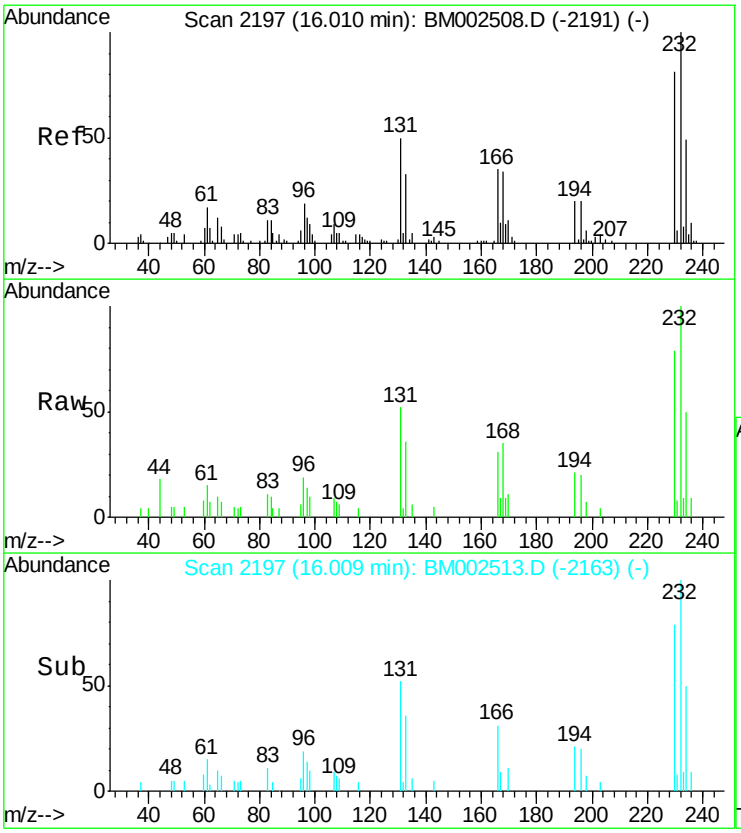
8/20/2015 3:37:32 PM

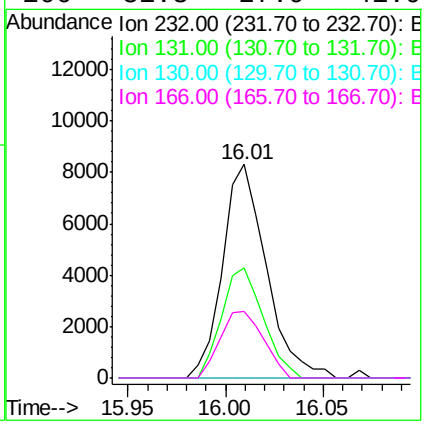


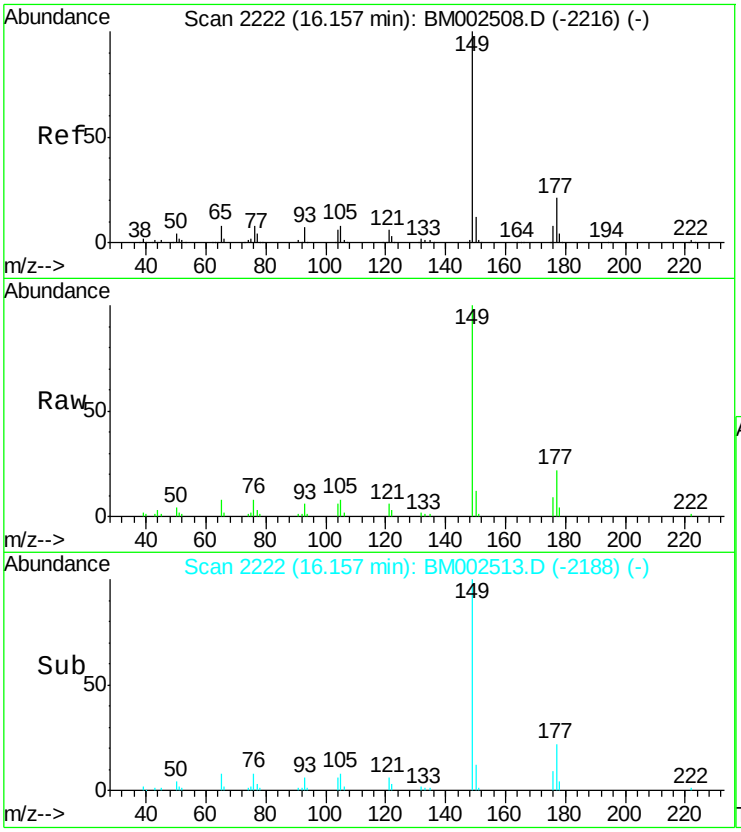


#56
2,3,4,6-Tetrachlorophenol
Concen: 2.70 ng/ul
RT: 16.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:232 Resp: 12917

Ion	Ratio	Lower	Upper
232	100		
131	51.6	42.2	63.4
130	0.0	2.2	3.4#
166	31.3	27.9	41.9

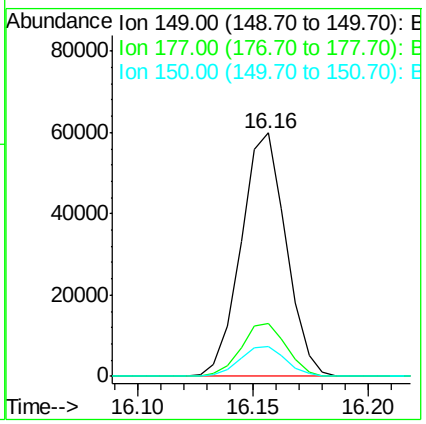




#57
Diethylphthalate
Concen: 2.89 ng/ul
RT: 16.16 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:149 Resp: 81343

Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.7	25.1
150	12.4	9.9	14.9



Instrument :
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ClientSampleId :
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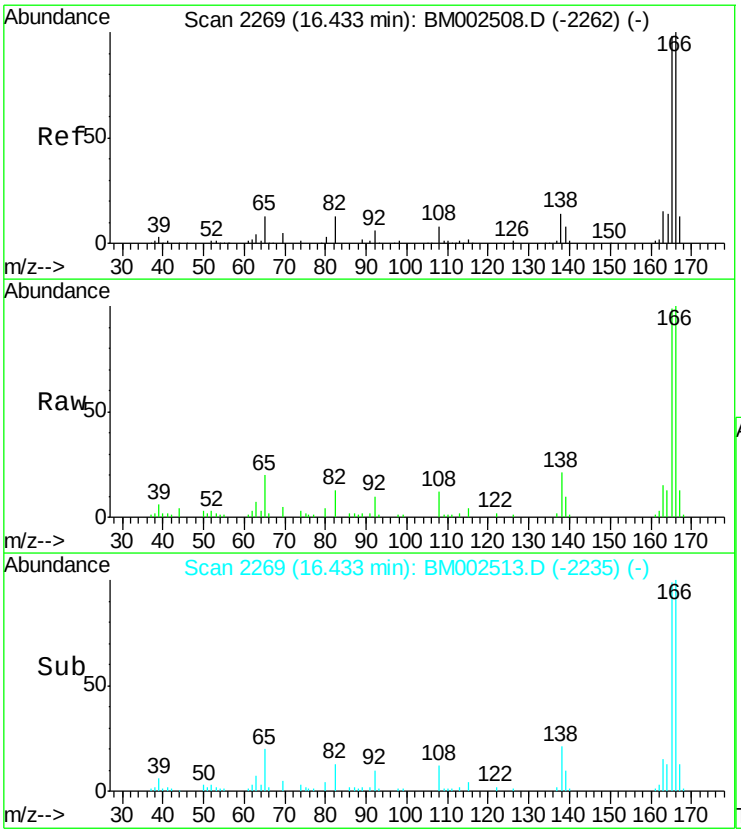
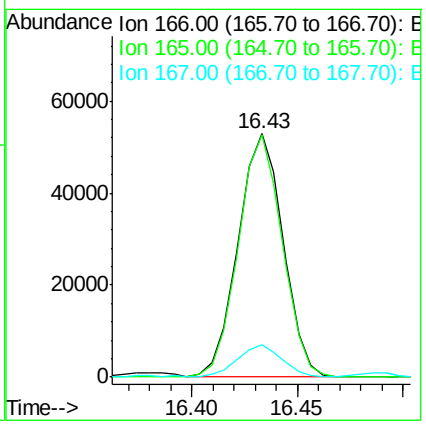
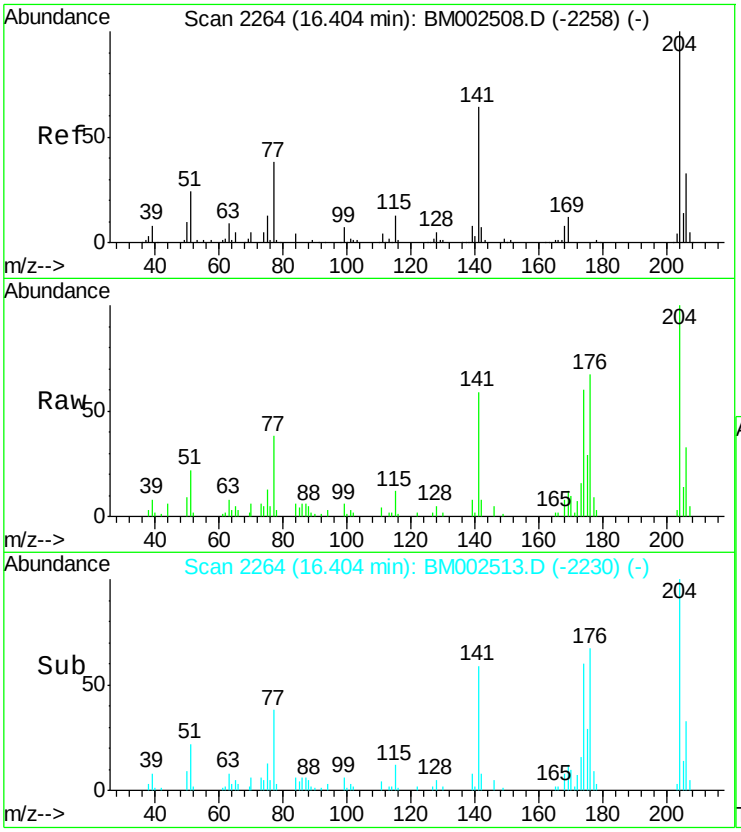


#59
Fluorene
Concen: 3.06 ng/ul
RT: 16.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:166 Resp: 78156

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.5	116.3
167	13.3	10.4	15.6





#60
4-Chlorophenyl-phenylether
Concen: 3.02 ng/ul
RT: 16.40 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:204 Resp: 35297

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.0	39.0
141	59.1	53.7	80.5

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

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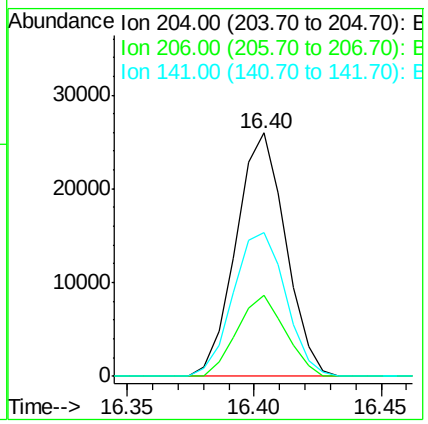
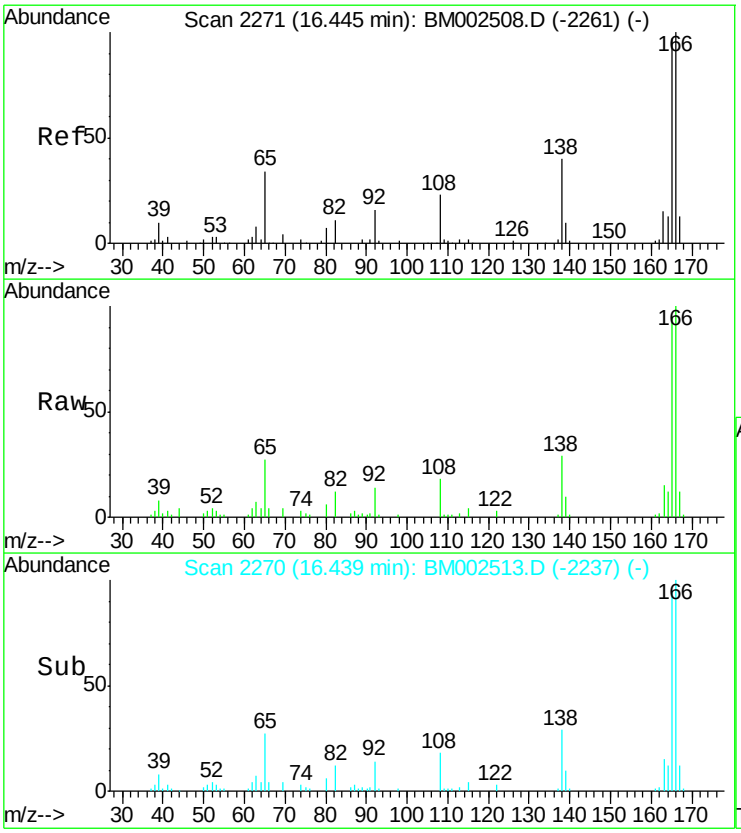
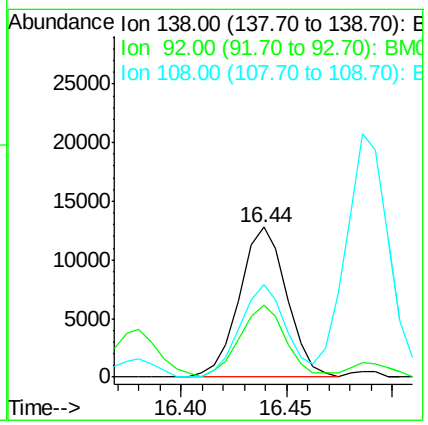


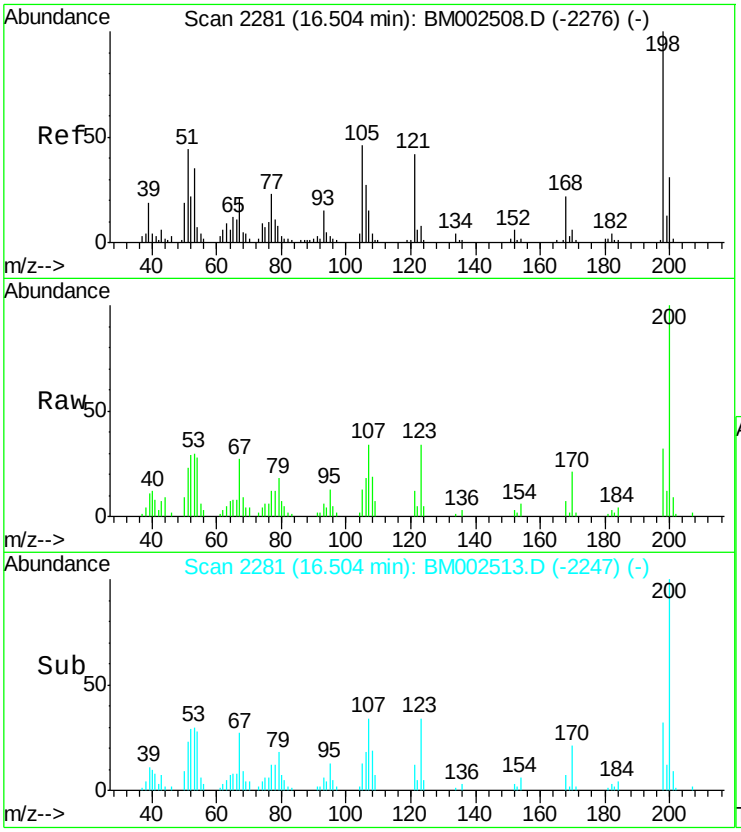


#61
4-Nitroaniline
Concen: 3.22 ng/ul
RT: 16.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:138 Resp: 19839

Ion	Ratio	Lower	Upper
138	100		
92	47.9	40.4	60.6
108	61.9	56.2	84.2





#64
4,6-Dinitro-2-methylphenol
Concen: 3.88 ng/ul
RT: 16.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:198 Resp: 11702

Ion	Ratio	Lower	Upper
198	100		
182	9.3	3.7	5.5#
77	36.3	24.2	36.4

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

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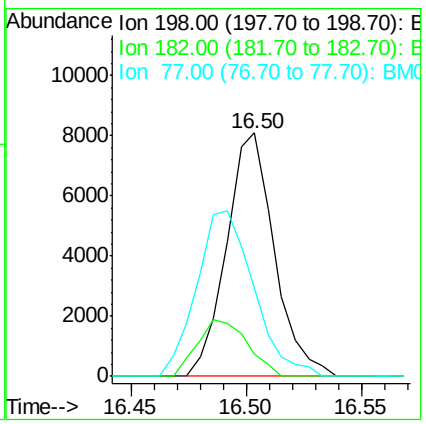
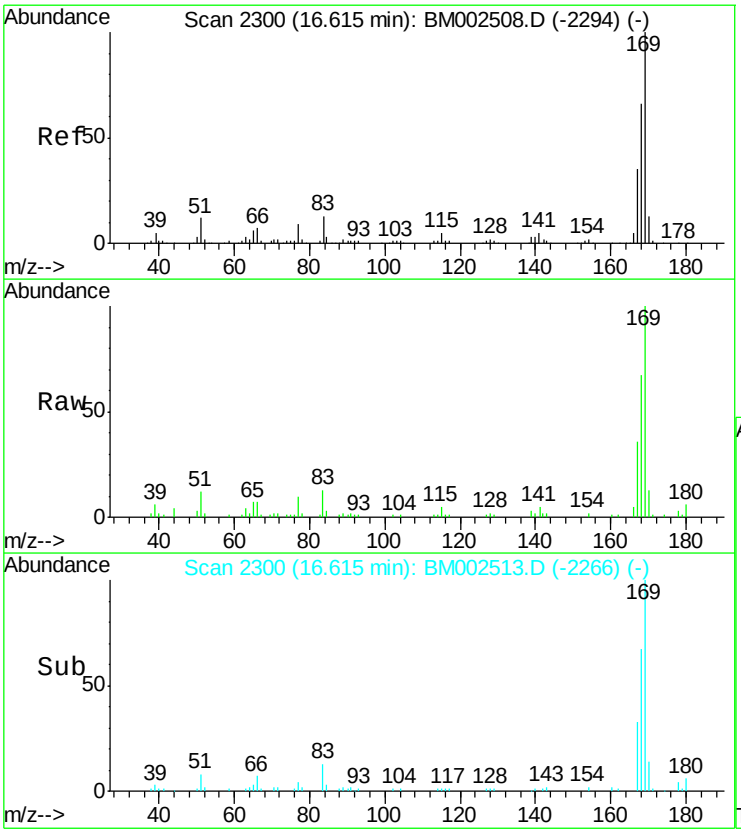
8/20/2015 3:37:32 PM

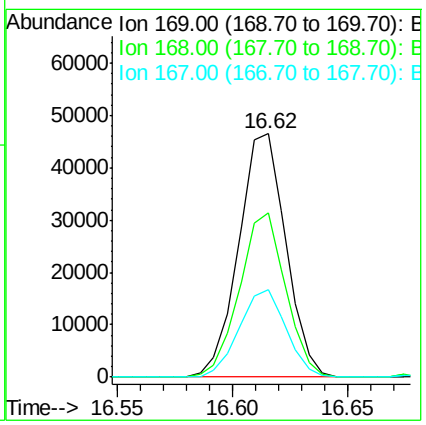


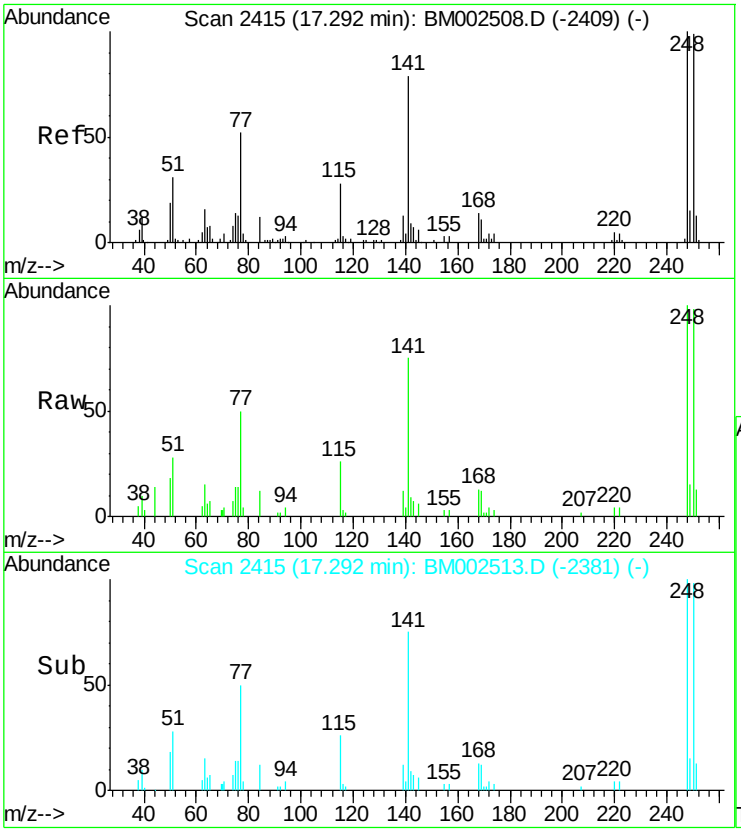


#65
N-Nitrosodiphenylamine
Concen: 2.96 ng/ul
RT: 16.62 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:169 Resp: 66407

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.4	80.2
167	35.7	28.8	43.2

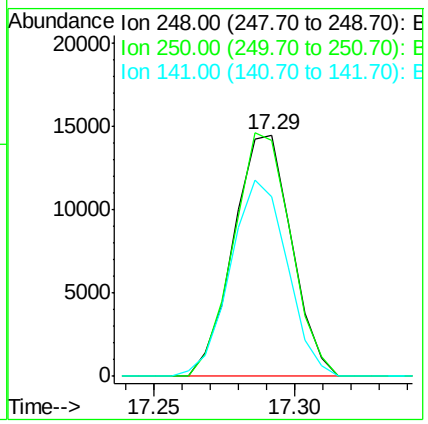




#66
4-Bromophenyl-phenylether
Concen: 2.89 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:248 Resp: 20682

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.5	117.7
141	74.7	66.2	99.4



Instrument :
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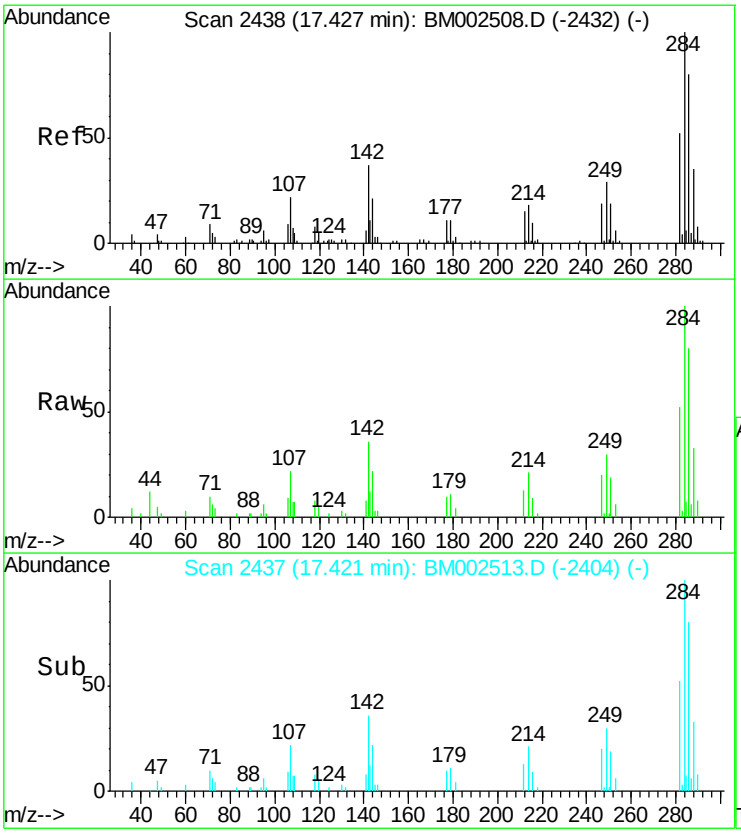
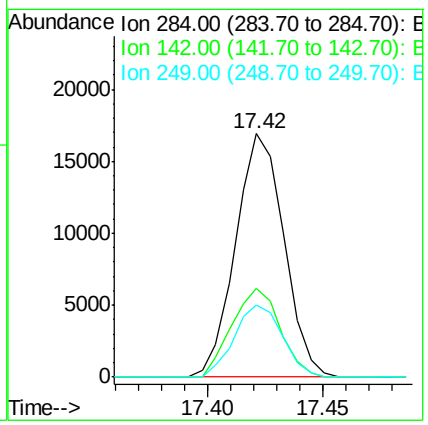
8/20/2015 3:37:32 PM

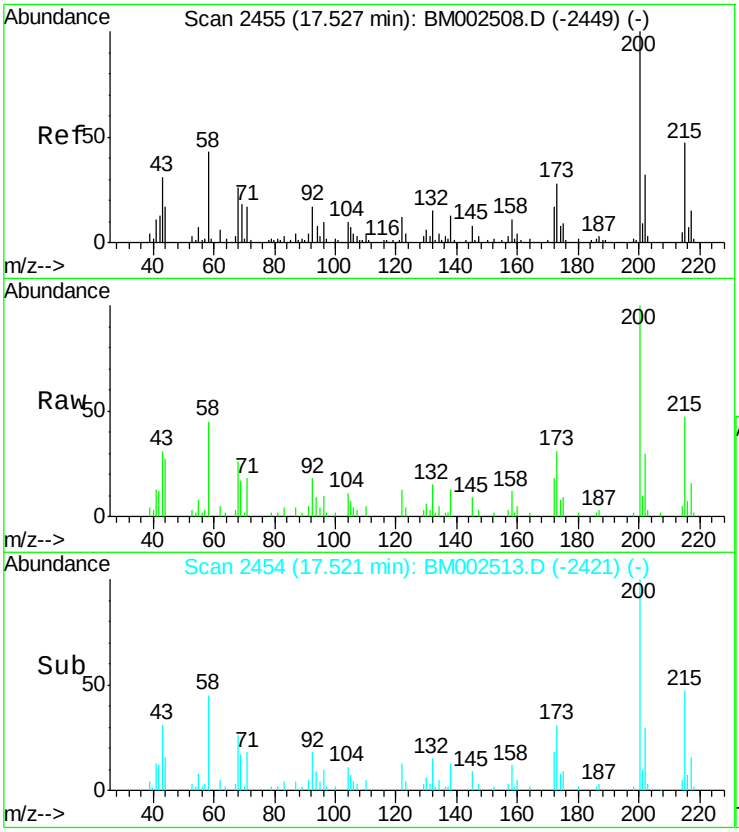


#67
Hexachlorobenzene
Concen: 3.03 ng/ul
RT: 17.42 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:284 Resp: 24692

Ion	Ratio	Lower	Upper
284	100		
142	36.4	30.2	45.4
249	29.9	24.6	36.8

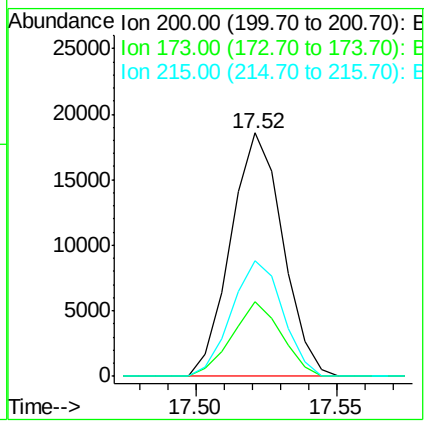




#68
Atrazine
Concen: 3.05 ng/ul
RT: 17.52 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:200 Resp: 23795

Ion	Ratio	Lower	Upper
200	100		
173	30.9	22.4	33.6
215	47.3	38.5	57.7



Instrument :
BNA_M
ClientSampleId :
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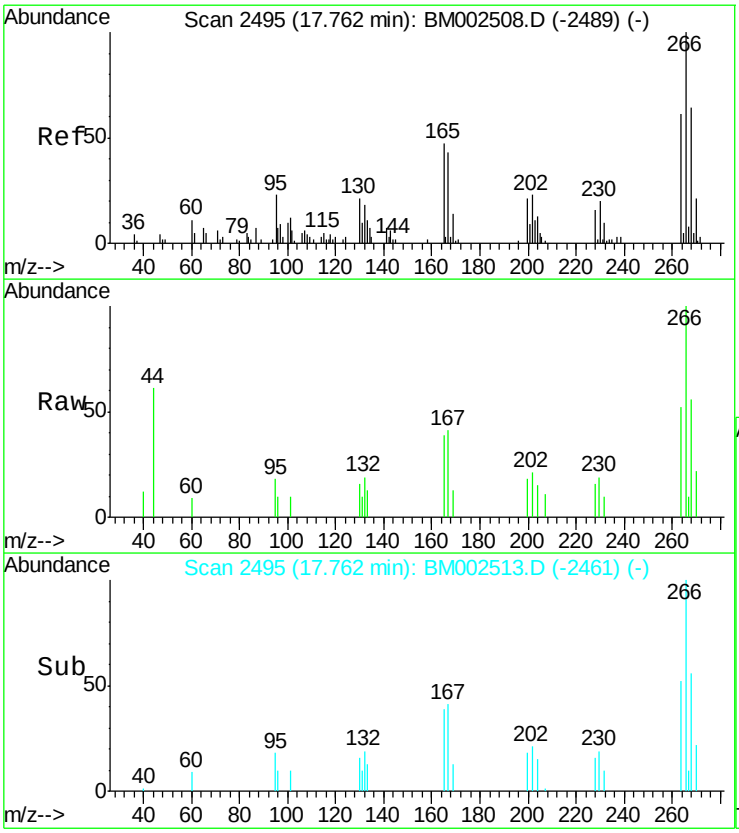
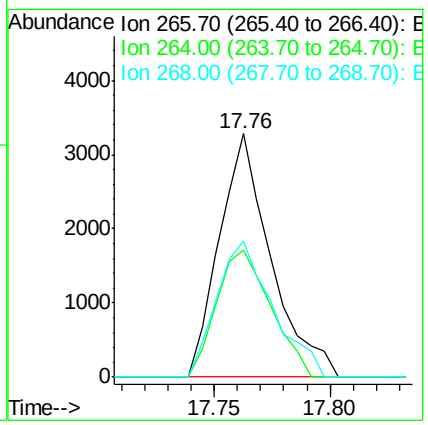
8/20/2015 3:37:32 PM

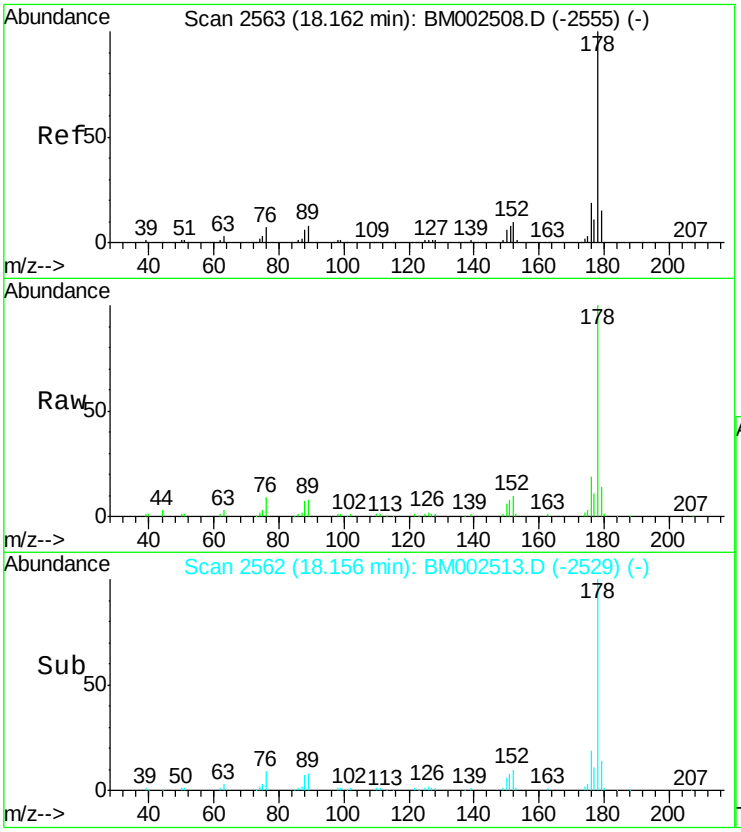


#69
Pentachlorophenol
Concen: 1.27 ng/ul
RT: 17.76 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:266 Resp: 5084

Ion	Ratio	Lower	Upper
266	100		
264	52.5	50.3	75.5
268	56.0	51.0	76.4

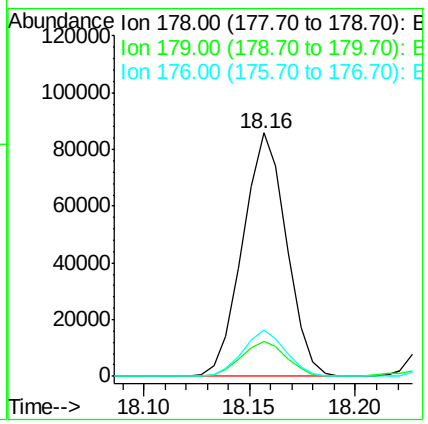




#70
Phenanthrene
Concen: 3.14 ng/ul
RT: 18.16 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:178 Resp: 123660

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.3	18.5
176	19.2	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
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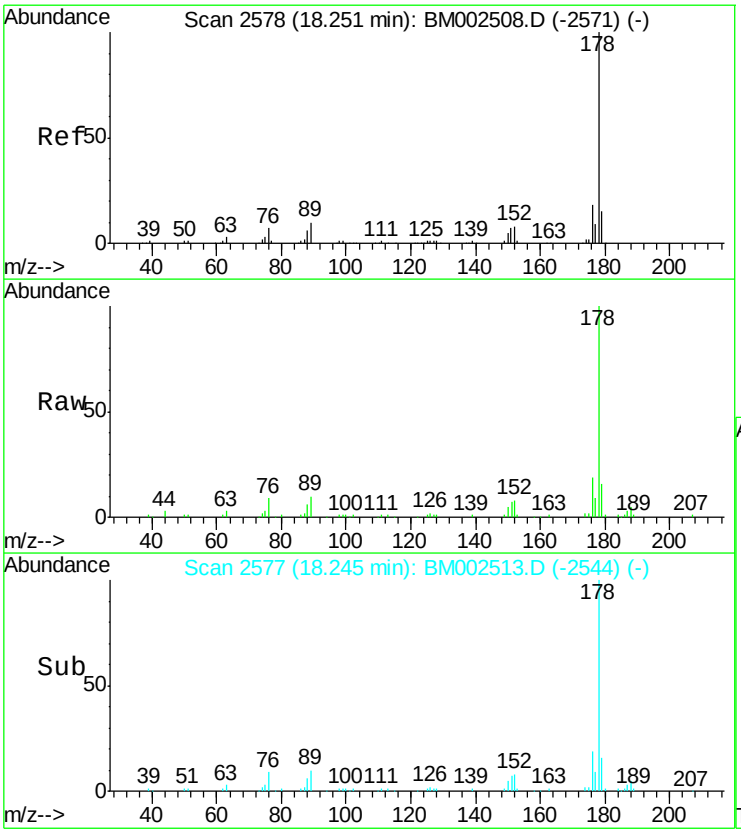
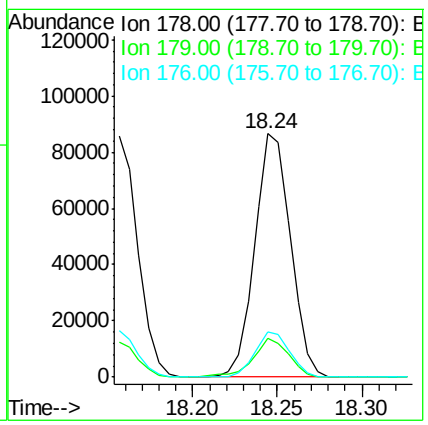
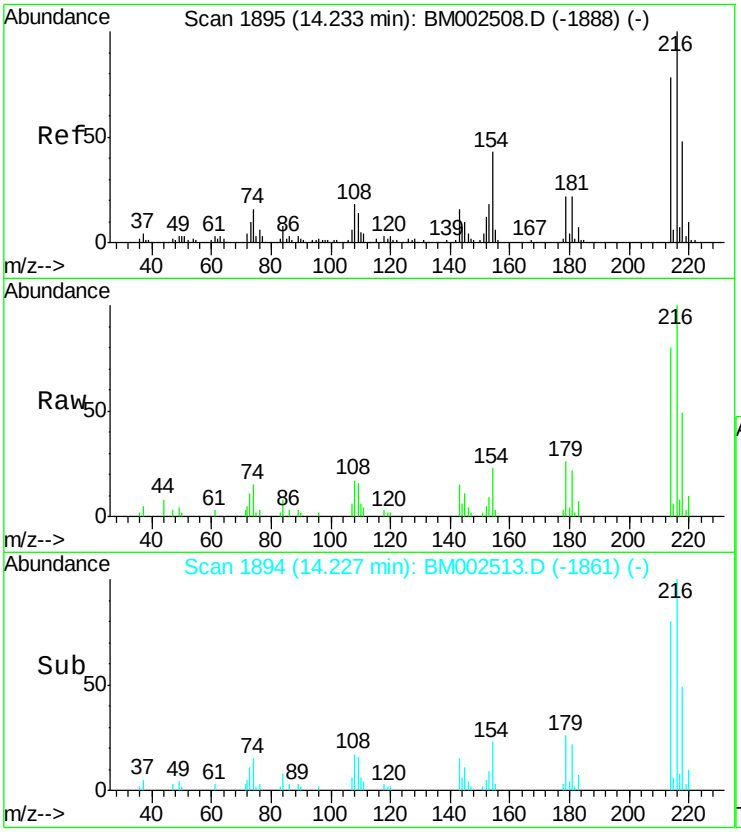


#72
Anthracene
Concen: 3.14 ng/ul
RT: 18.24 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:178 Resp: 127562

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.8	14.5	21.7





#73
1,2,3,4-Tetrachlorobenzene
Concen: 2.72 ng/uL
RT: 14.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:216 Resp: 25286

Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.4	95.0
218	49.1	38.9	58.3

Instrument :
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ClientSampleId :
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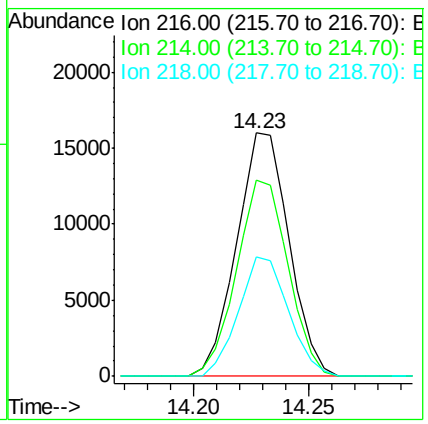
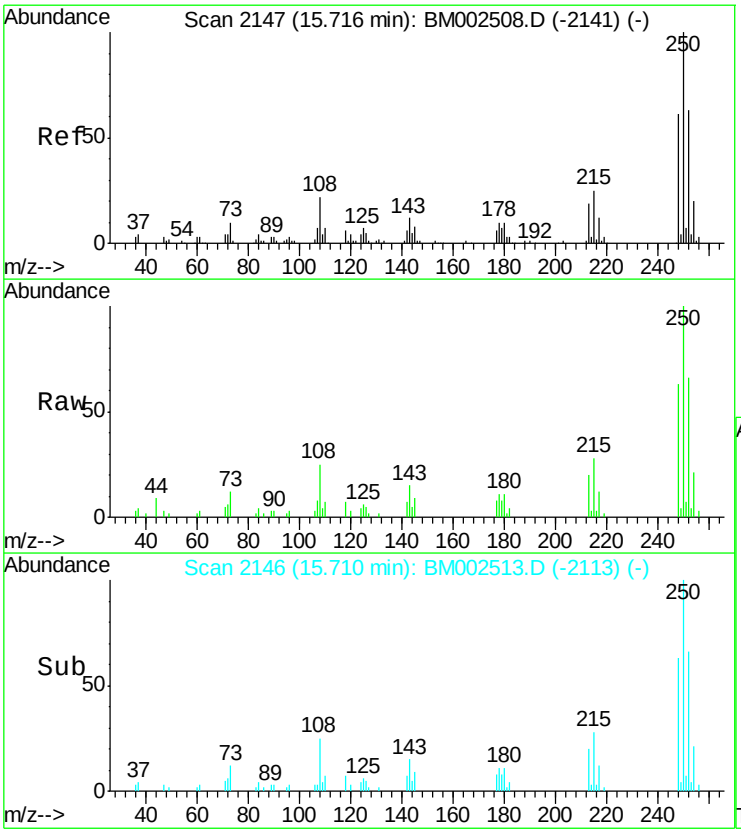
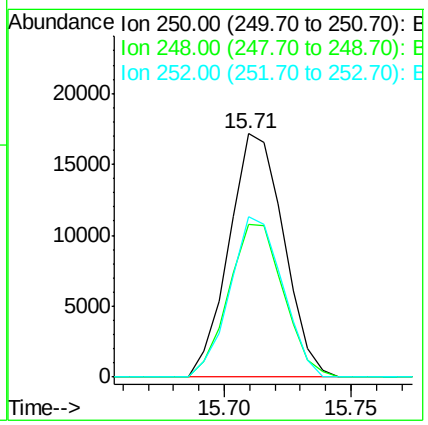


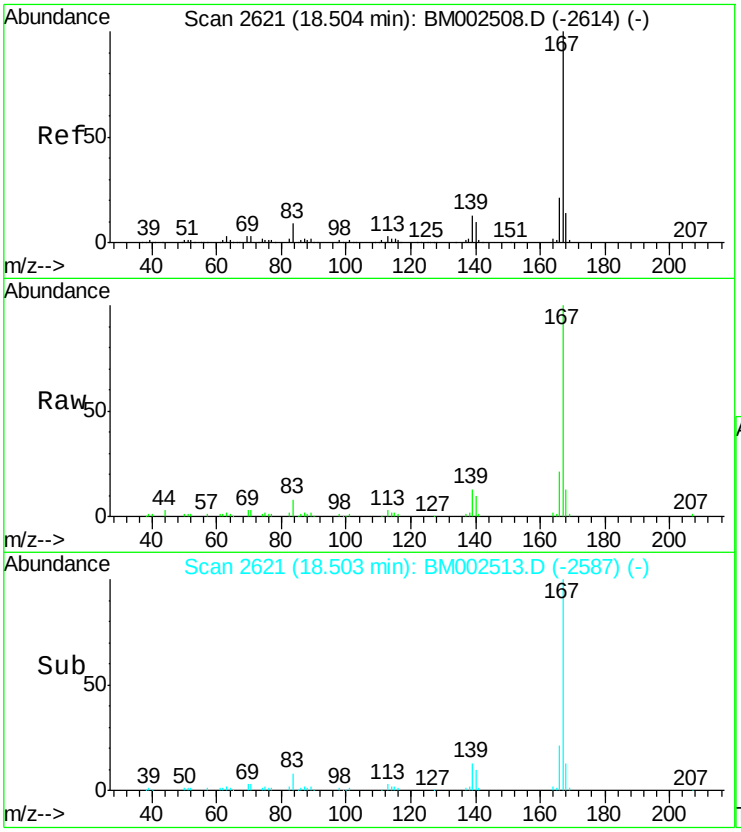


#74
Pentachlorobenzene
Concen: 2.86 ng/uL
RT: 15.71 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:250 Resp: 25756

Ion	Ratio	Lower	Upper
250	100		
248	62.5	51.0	76.6
252	65.9	50.1	75.1





#75
Carbazole
Concen: 3.17 ng/ul
RT: 18.50 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:167 Resp: 116570

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.9	10.8	16.2

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

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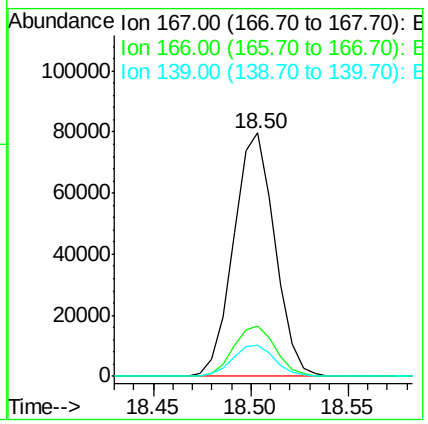
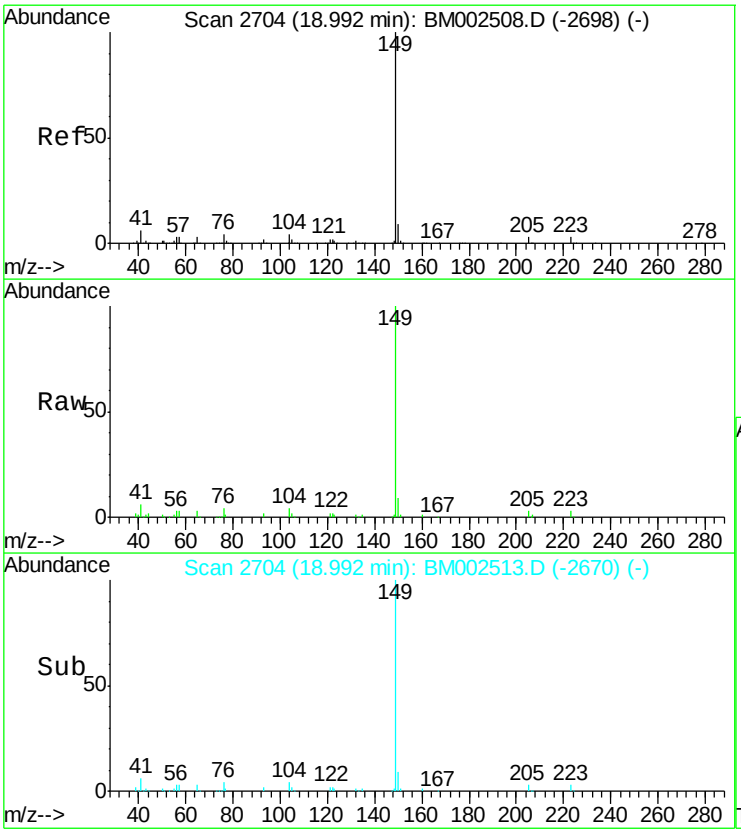
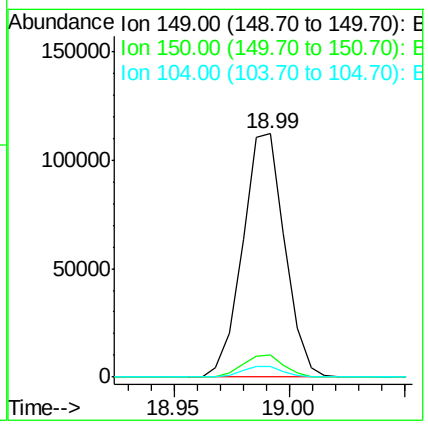


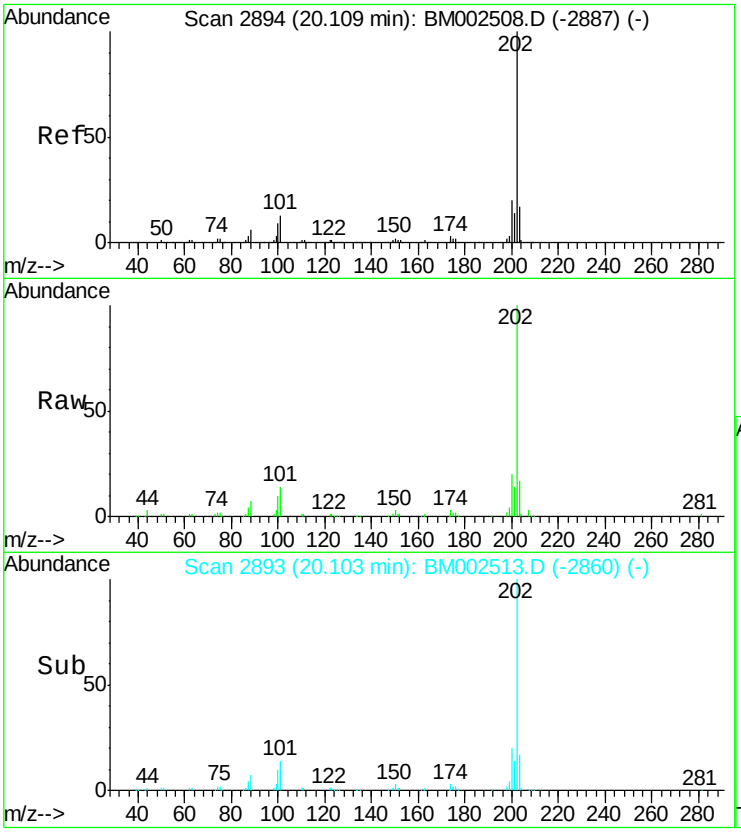


#76
Di-n-butylphthalate
Concen: 2.90 ng/ul
RT: 18.99 min Scan# 2704
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:149 Resp: 143087

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	4.1	3.8	5.6

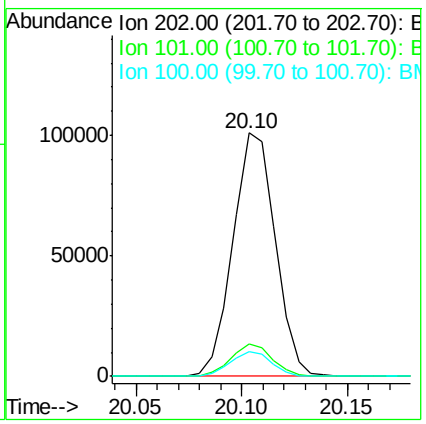




#77
Fluoranthene
Concen: 3.37 ng/ul
RT: 20.10 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:202 Resp: 140304

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.6	15.8
100	10.2	8.2	12.4



Instrument :
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ClientSampleId :
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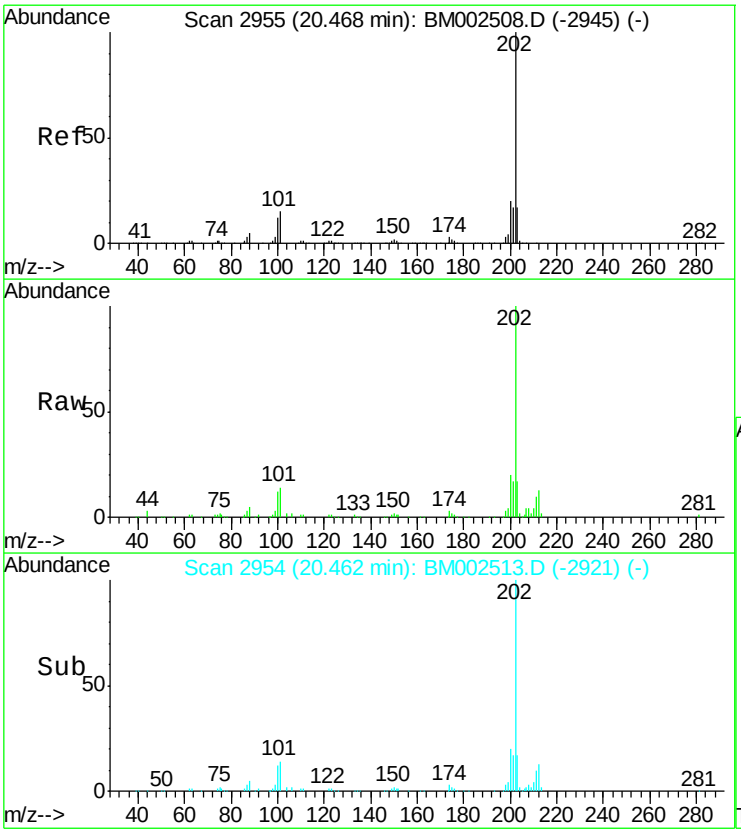
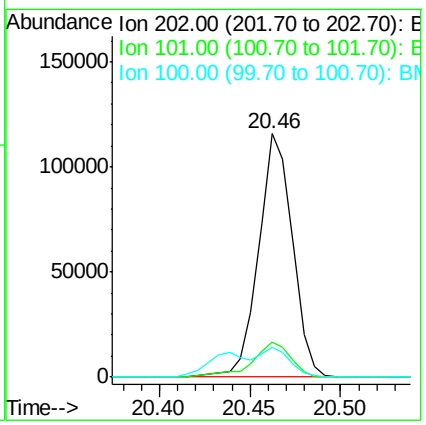
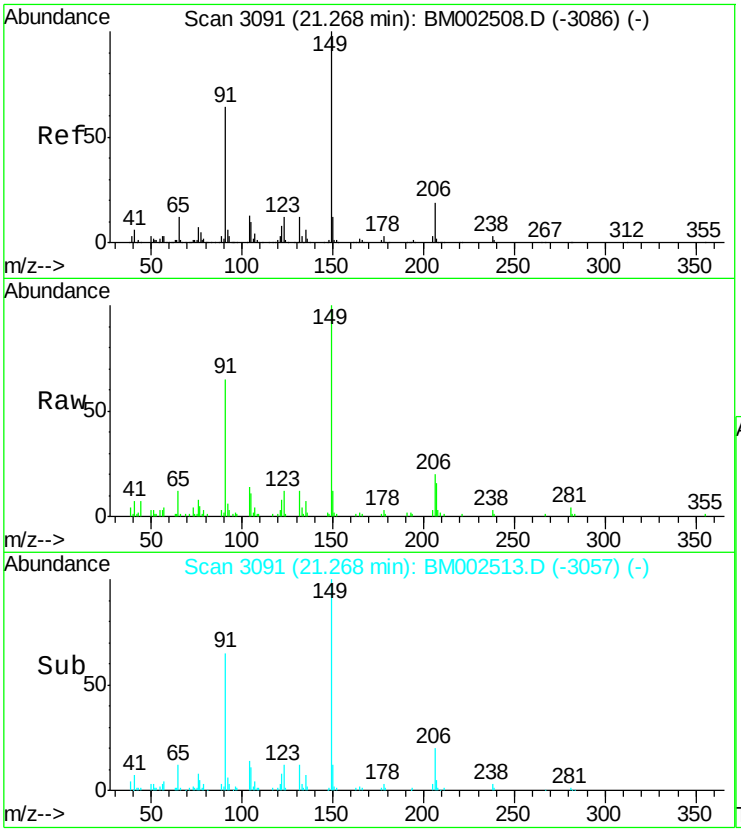


#80
Pyrene
Concen: 3.08 ng/ul
RT: 20.46 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:202 Resp: 150306

Ion	Ratio	Lower	Upper
202	100		
101	14.3	13.0	19.6
100	12.2	11.0	16.4

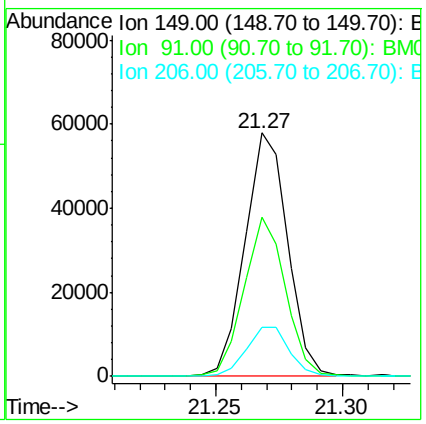




#81
Butylbenzylphthalate
Concen: 2.83 ng/ul
RT: 21.27 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:149 Resp: 68209

Ion	Ratio	Lower	Upper
149	100		
91	65.2	57.5	86.3
206	20.1	15.2	22.8



Instrument :
BNA_M
ClientSampleId :
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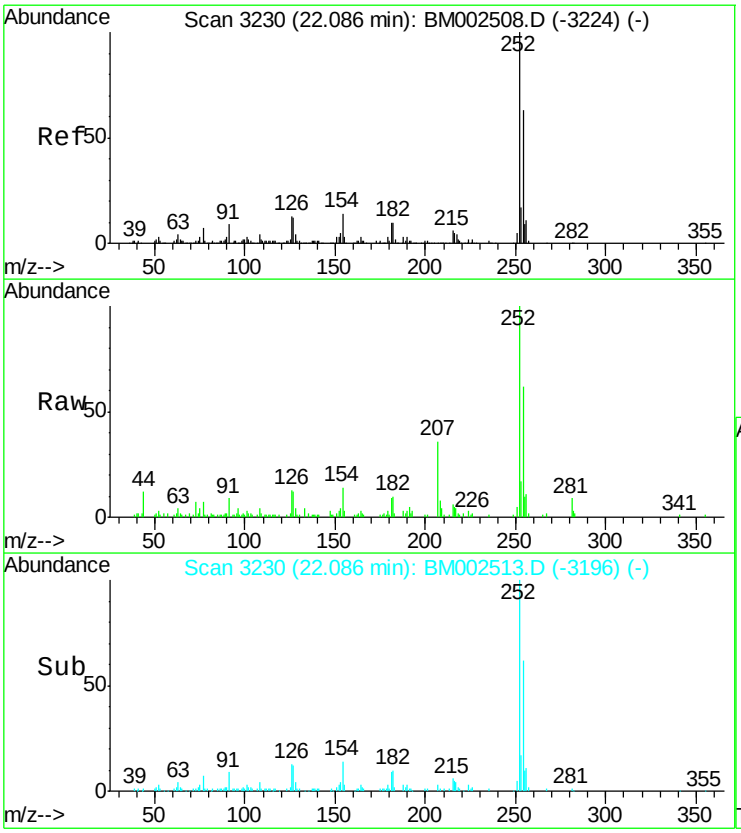
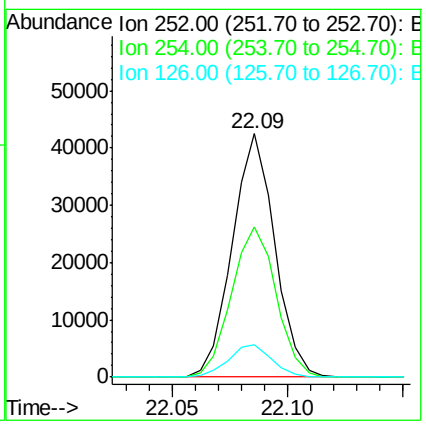
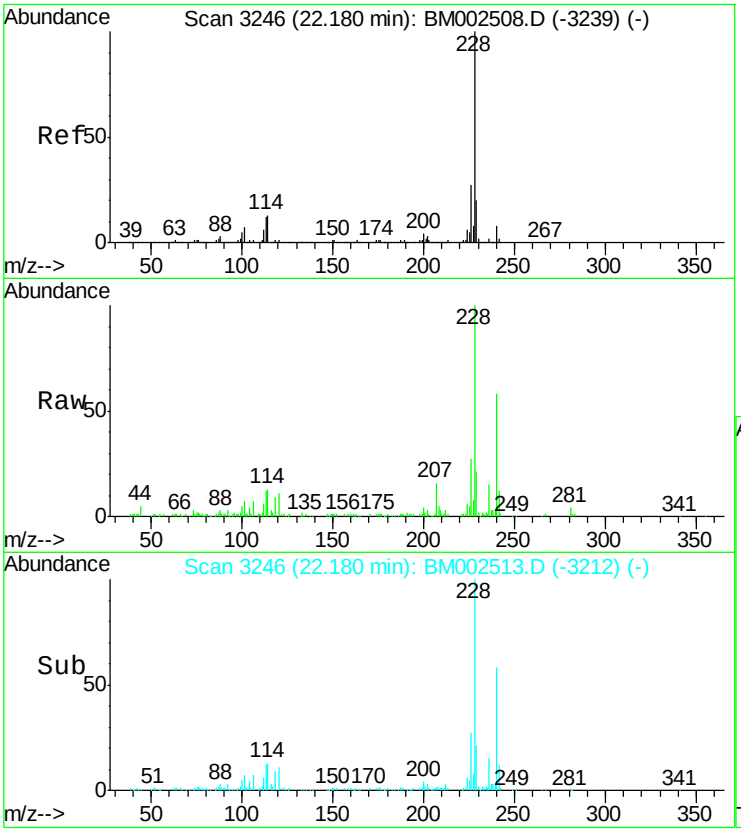


#82
3,3'-Dichlorobenzidine
Concen: 3.77 ng/ul
RT: 22.09 min Scan# 3230
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:252 Resp: 54551

Ion	Ratio	Lower	Upper
252	100		
254	61.9	52.5	78.7
126	13.1	11.8	17.8





#83
Benzo(a)anthracene
Concen: 3.15 ng/ul
RT: 22.18 min Scan# 3246
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:228 Resp: 145000

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	26.7	21.4	32.0

Instrument :
BNA_M
ClientSampleId :
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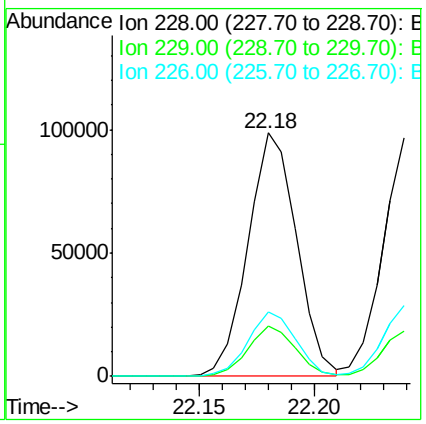
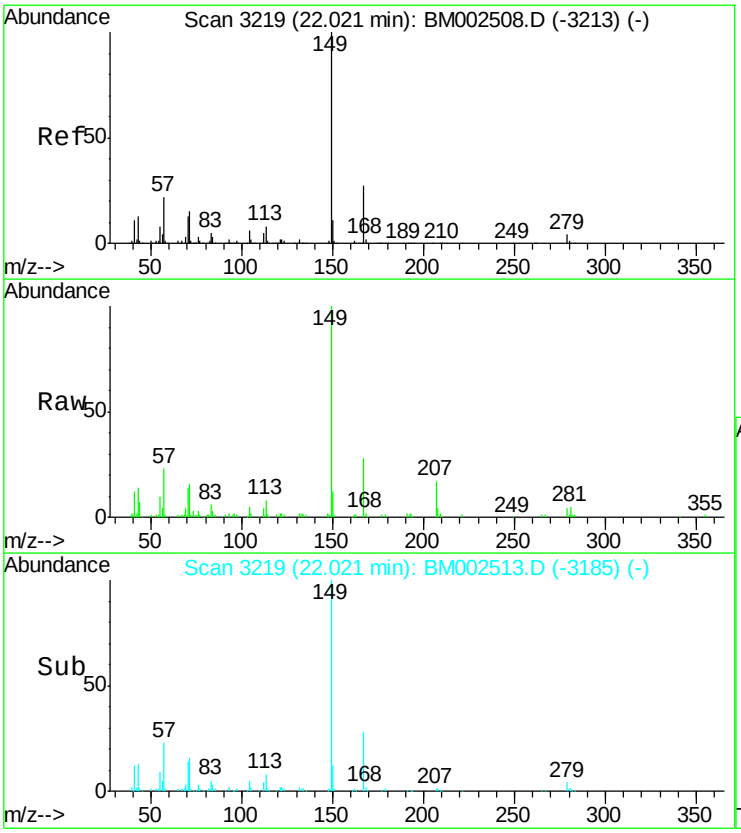
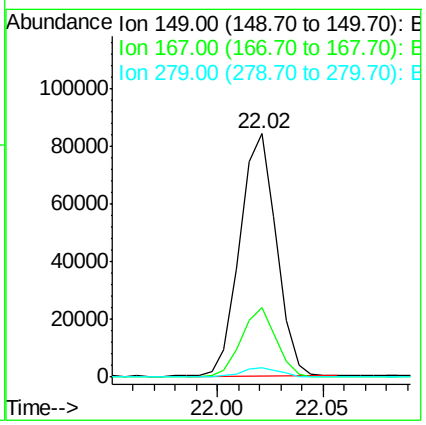


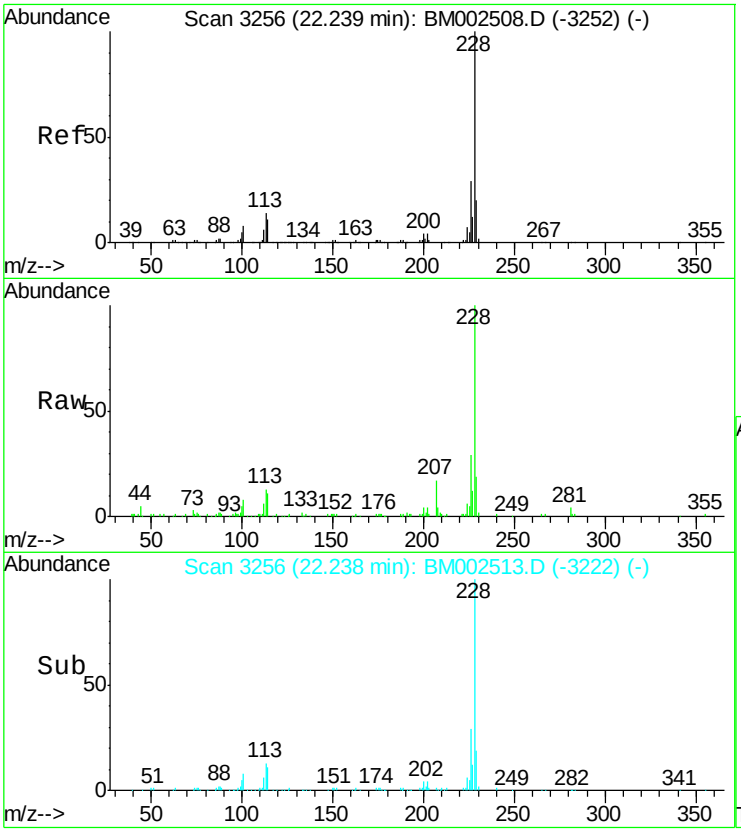


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.90 ng/ul
RT: 22.02 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:149 Resp: 100917

Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.4	32.2
279	4.0	3.2	4.8

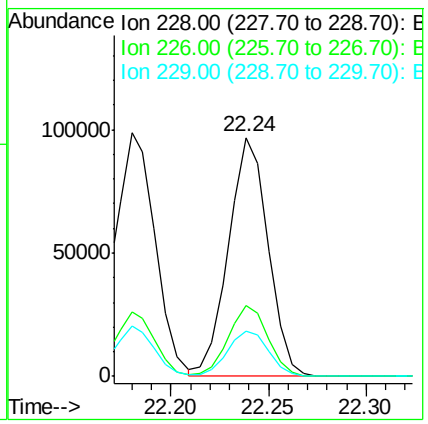




#85
Chrysene
Concen: 3.13 ng/ul
RT: 22.24 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:228 Resp: 136637

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.0
229	19.1	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

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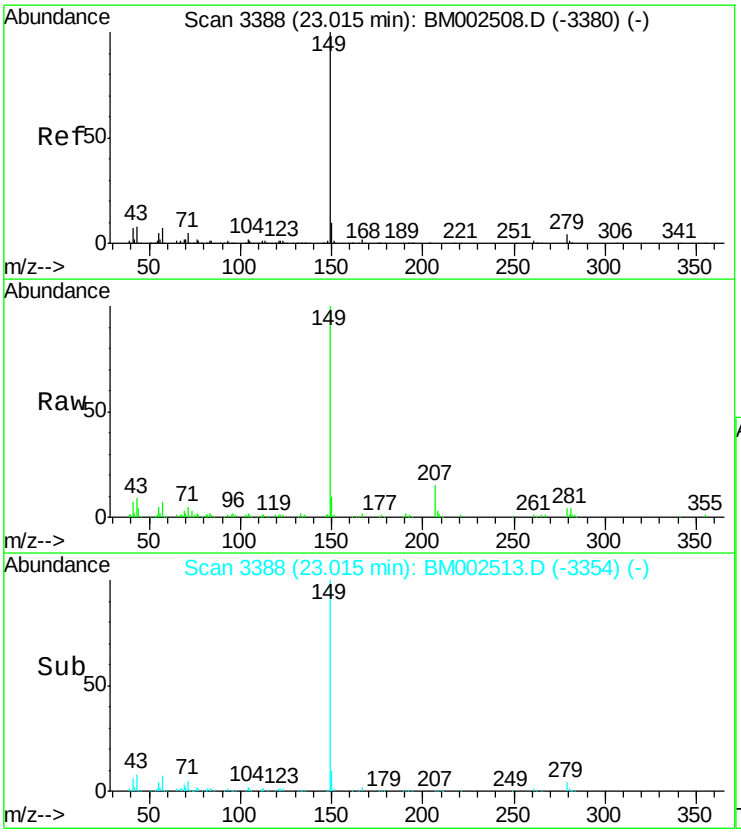
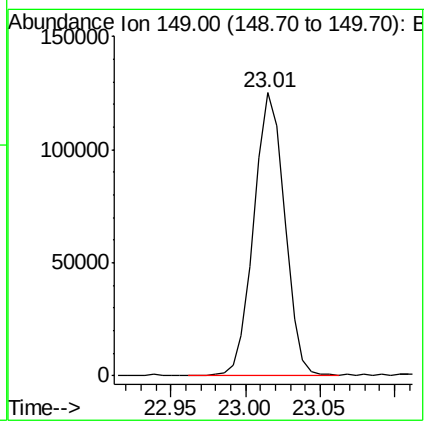
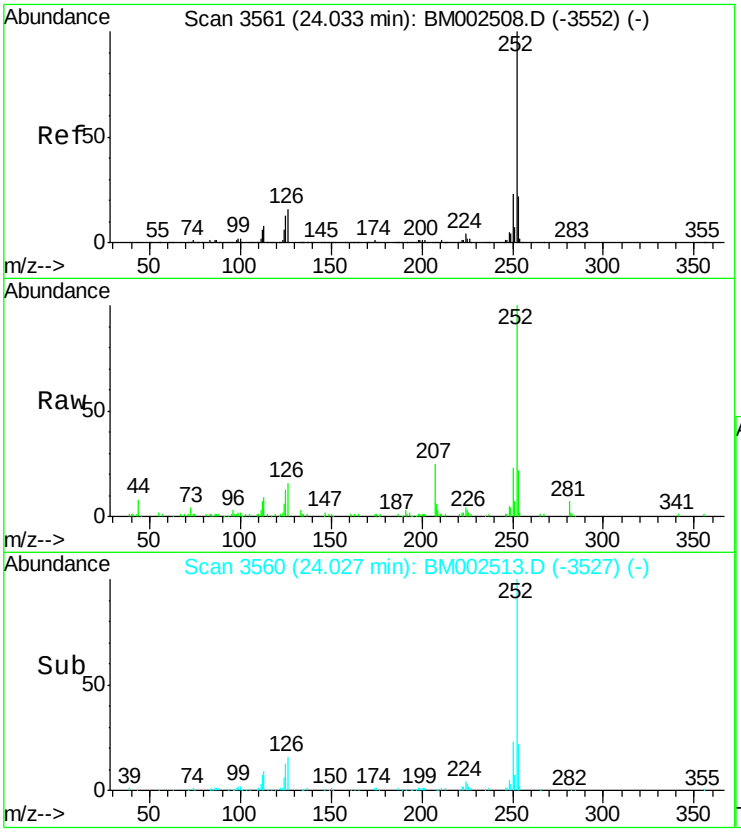


#87
Di-n-octyl phthalate
Concen: 2.99 ng/ul
RT: 23.01 min Scan# 3388
Delta R.T. -0.00 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:149 Resp: 176463

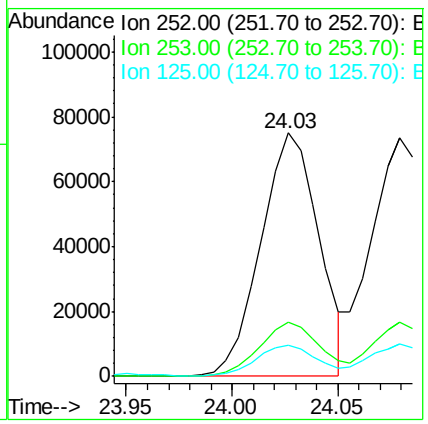




#88
Benzo(b)fluoranthene
Concen: 2.99 ng/ul
RT: 24.03 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:252 Resp: 143416

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.9	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

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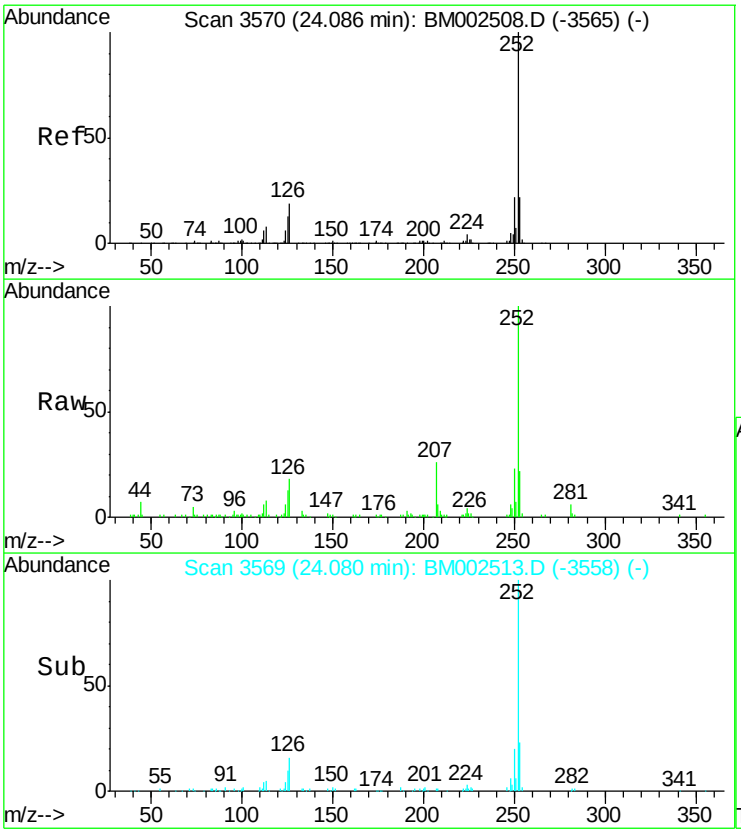
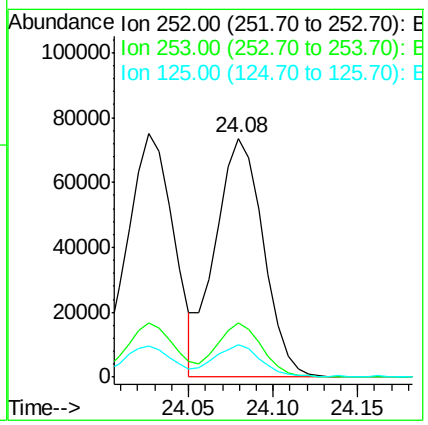
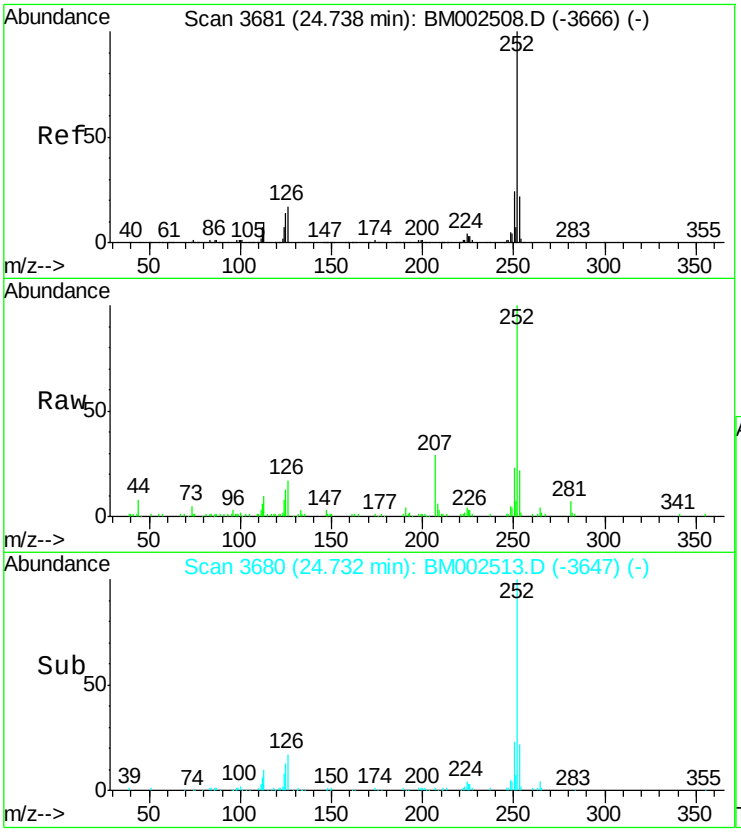


#89
Benzo(k)fluoranthene
Concen: 3.17 ng/ul
RT: 24.08 min Scan# 3569
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:252 Resp: 146096

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	13.4	10.2	15.4

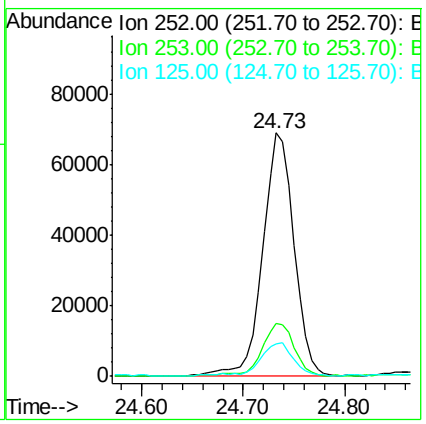




#91
Benzo(a)pyrene
Concen: 3.23 ng/ul
RT: 24.73 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:252 Resp: 148281

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	13.4	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

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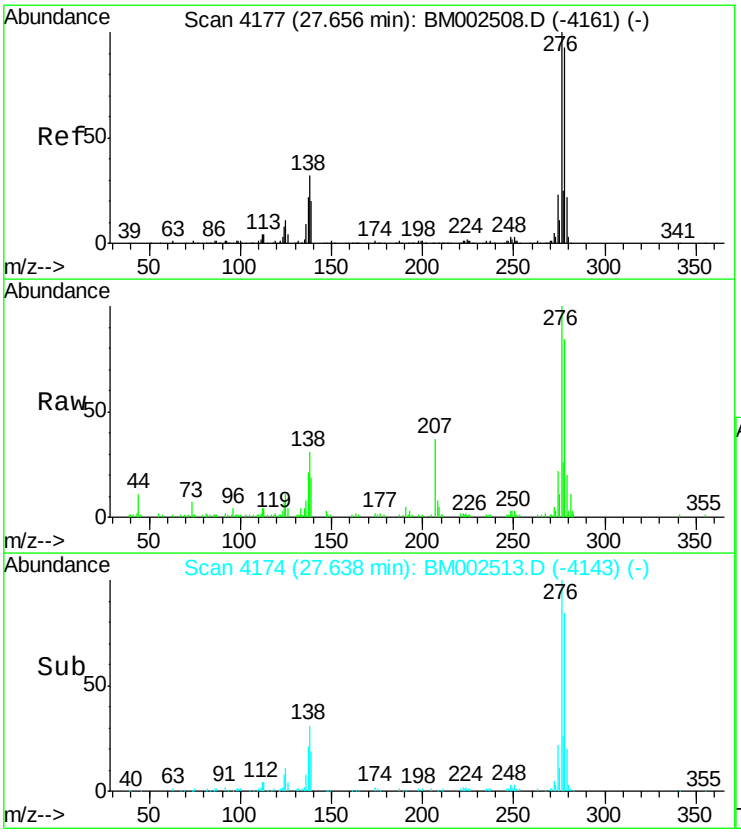
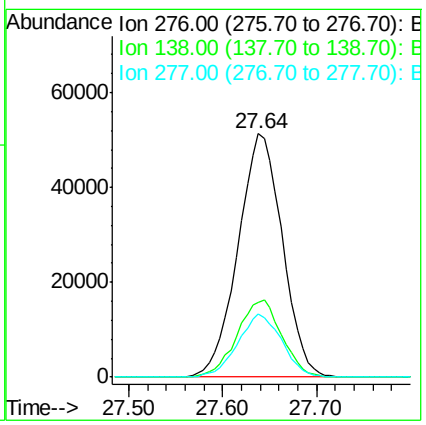
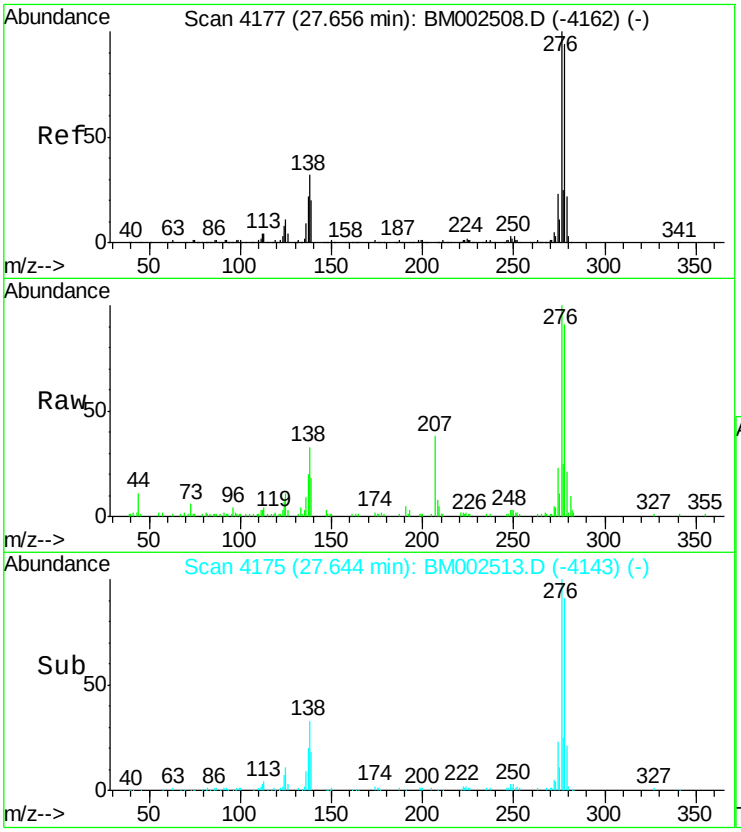


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.18 ng/ul
RT: 27.64 min Scan# 4174
Delta R.T. -0.02 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:276 Resp: 167701

Ion	Ratio	Lower	Upper
276	100		
138	30.9	25.6	38.4
277	26.2	21.0	31.4





#93
Dibenzo(a,h)anthracene
Concen: 3.17 ng/ul
RT: 27.64 min Scan# 4175
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:278 Resp: 141263

Ion	Ratio	Lower	Upper
278	100		
139	19.6	16.4	24.6
279	23.4	18.8	28.2

Instrument :
BNA_M
ClientSampleId :
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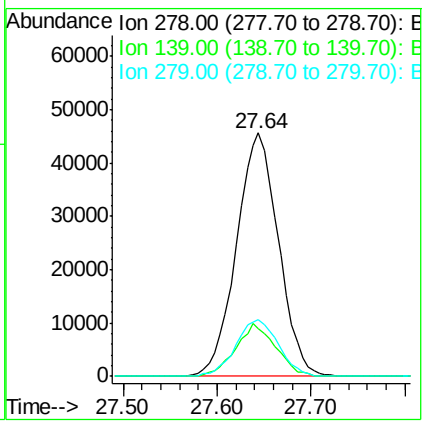
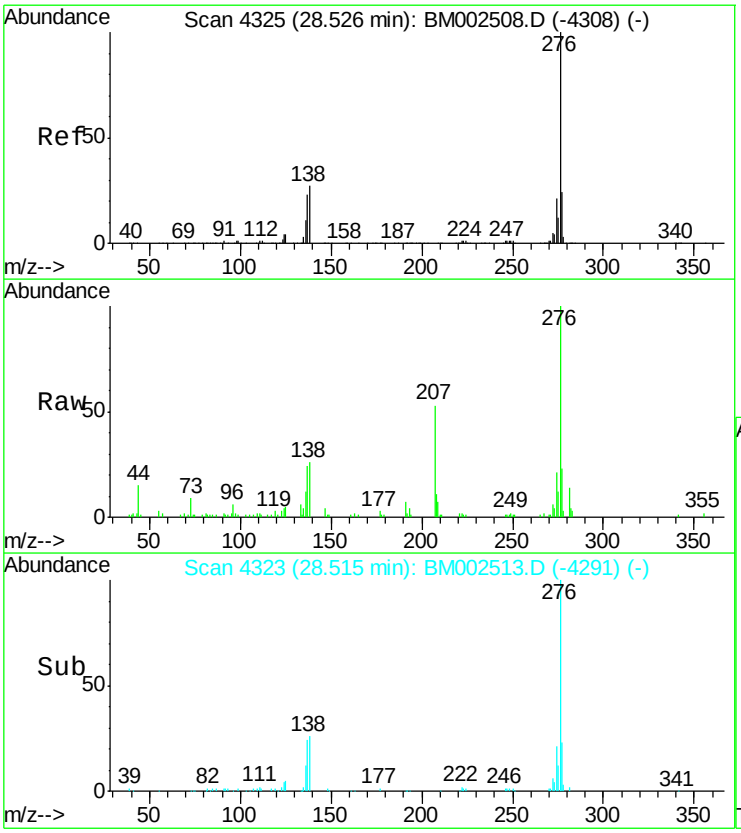
8/20/2015 3:37:32 PM





#94
Benzo(g,h,i)perylene
Concen: 3.13 ng/ul
RT: 28.51 min Scan# 4323
Delta R.T. -0.01 min
Lab File: BM002513.D
Acq: 20 Aug 2015 04:35

Tgt Ion:276 Resp: 139000

Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.5	30.7
277	22.9	19.0	28.6