Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002498.D
Acq On : 19 Aug 2015 19:28
Operator : UM/IZ
Sample : MDL-07-W
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-07-W

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:18 PM

Quant Time: Aug 20 03:37:21 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 02:27:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	87618	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	424882	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	245411	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	537618	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	599031	20.00	ng/ul	-0.01
86) Perylene-d12	24.86	264	631550	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	11692	6.16	ng/uL	0.00
5) Phenol-d5	7.93	99	253453	31.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	144072	30.79	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	225491	34.43	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	225082	33.15	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	118992	37.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	128613	45.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.30	165	212249	34.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	335456	40.90	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	718007	35.54	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	895210	35.21	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	132983	36.47	ng/ul	-0.01
58) Fluorene-d10	16.39	176	607448	34.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	96776	45.81	ng/ul	-0.01
71) Anthracene-d10	18.22	188	941552	36.09	ng/ul	0.00
79) Pyrene-d10	20.44	212	1005443	34.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1216313	36.27	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	1094	0.51	ng/uL#	37
4) Benzaldehyde	7.93	77	13663	2.92	ng/ul	91
6) Phenol	7.96	94	21280	2.62	ng/ul	91
8) Bis(2-Chloroethyl)ether	8.21	93	18089	2.89	ng/ul	90
10) 2-Chlorophenol	8.37	128	18393	2.75	ng/ul	93
11) 2-Methylphenol	9.26	108	16594	2.58	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.35	45	23702	2.13	ng/ul#	93
14) Acetophenone	9.66	105	30088	2.98	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.63	70	14036	2.58	ng/ul#	96
16) 4-Methylphenol	9.59	108	18606	2.64	ng/ul	99
17) Hexachloroethane	9.94	117	6511	2.47	ng/ul	84
20) Nitrobenzene	10.06	77	19438	2.63	ng/ul	94
21) Isophorone	10.58	82	40009	2.71	ng/ul	98
23) 2-Nitrophenol	10.79	139	11201	3.49	ng/ul	91
24) 2,4-Dimethylphenol	10.81	107	20360	2.59	ng/ul	96
25) Bis(2-Chloroethoxy)methane	11.05	93	24707	2.71	ng/ul	99
27) 2,4-Dichlorophenol	11.32	162	17633	2.97	ng/ul#	88
28) Naphthalene	11.75	128	64321	2.88	ng/ul	99
30) 4-Chloroaniline	11.83	127	28315	3.48	ng/ul	99
31) Hexachlorobutadiene	11.99	225	9780	2.85	ng/ul	99
32) Caprolactam	12.59	113	6800m	2.77	ng/ul	
33) 4-Chloro-3-methylphenol	12.90	107	19973	2.68	ng/ul	92
34) 2-Methylnaphthalene	13.29	142	46381	2.90	ng/ul	100

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Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 02:27:18 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	20290	2.88 ng/ul	96
38) Hexachlorocyclopentadiene	13.60	237	3621	0.87 ng/ul	98
39) 2,4,6-Trichlorophenol	13.87	196	12760	2.91 ng/ul	98
40) 2,4,5-Trichlorophenol	13.94	196	13999	2.84 ng/ul	97
41) 1,1'-Biphenyl	14.26	154	59868	2.88 ng/ul	96
42) 2-Chloronaphthalene	14.32	162	45221	2.87 ng/ul	98
43) 2-Nitroaniline	14.50	65	12114	2.53 ng/ul#	83
45) Dimethylphthalate	14.83	163	60215	2.92 ng/ul	98
46) 2,6-Dinitrotoluene	14.97	165	11234	2.91 ng/ul	88
48) Acenaphthylene	15.15	152	78151	2.96 ng/ul	99
49) 3-Nitroaniline	15.30	138	13890	3.33 ng/ul	90
50) Acenaphthene	15.47	153	51126	2.88 ng/ul	99
51) 2,4-Dinitrophenol	15.52	184	2044	1.53 ng/ul#	1
53) 4-Nitrophenol	15.59	109	6648	2.48 ng/ul#	85
54) Dibenzofuran	15.80	168	71096	3.00 ng/ul	97
55) 2,4-Dinitrotoluene	15.75	165	16925	3.09 ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	16.02	232	9950	2.66 ng/ul#	94
57) Diethylphthalate	16.16	149	61159	2.77 ng/ul	98
59) Fluorene	16.44	166	59982	3.00 ng/ul	99
60) 4-Chlorophenyl-phenylether	16.41	204	27261	2.97 ng/ul	94
61) 4-Nitroaniline	16.44	138	14628	3.03 ng/ul	88
64) 4,6-Dinitro-2-methylphenol	16.51	198	8234	3.47 ng/ul#	93
65) N-Nitrosodiphenylamine	16.62	169	51168	2.90 ng/ul	99
66) 4-Bromophenyl-phenylether	17.29	248	15656	2.79 ng/ul	99
67) Hexachlorobenzene	17.43	284	18761	2.93 ng/ul	99
68) Atrazine	17.53	200	17481	2.85 ng/ul	99
69) Pentachlorophenol	17.77	266	3166	1.01 ng/ul	98
70) Phenanthrene	18.16	178	95378	3.08 ng/ul	100
72) Anthracene	18.25	178	97203	3.04 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	19292	2.64 ng/uL	98
74) Pentachlorobenzene	15.72	250	19829	2.80 ng/uL	97
75) Carbazole	18.51	167	89176	3.08 ng/ul	99
76) Di-n-butylphthalate	18.99	149	110243	2.84 ng/ul	99
77) Fluoranthene	20.11	202	106587	3.26 ng/ul	98
80) Pyrene	20.47	202	115255	2.98 ng/ul	96
81) Butylbenzylphthalate	21.27	149	52920	2.77 ng/ul	88
82) 3,3'-Dichlorobenzidine	22.09	252	42912	3.73 ng/ul	98
83) Benzo(a)anthracene	22.19	228	112344	3.07 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	78920	2.85 ng/ul	99
85) Chrysene	22.24	228	104488	3.02 ng/ul	99
87) Di-n-octyl phthalate	23.02	149	138986	2.88 ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	119749	3.05 ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	107124	2.84 ng/ul	98
91) Benzo(a)pyrene	24.74	252	116319	3.10 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	27.66	276	137598	3.20 ng/ul	96
93) Dibenzo(a,h)anthracene	27.66	278	115254	3.16 ng/ul	99
94) Benzo(g,h,i)perylene	28.53	276	114735	3.16 ng/ul	98

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

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
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Sample : MDL-07-W
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 20 03:37:21 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 02:27:18 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Manual Integrations APPROVED
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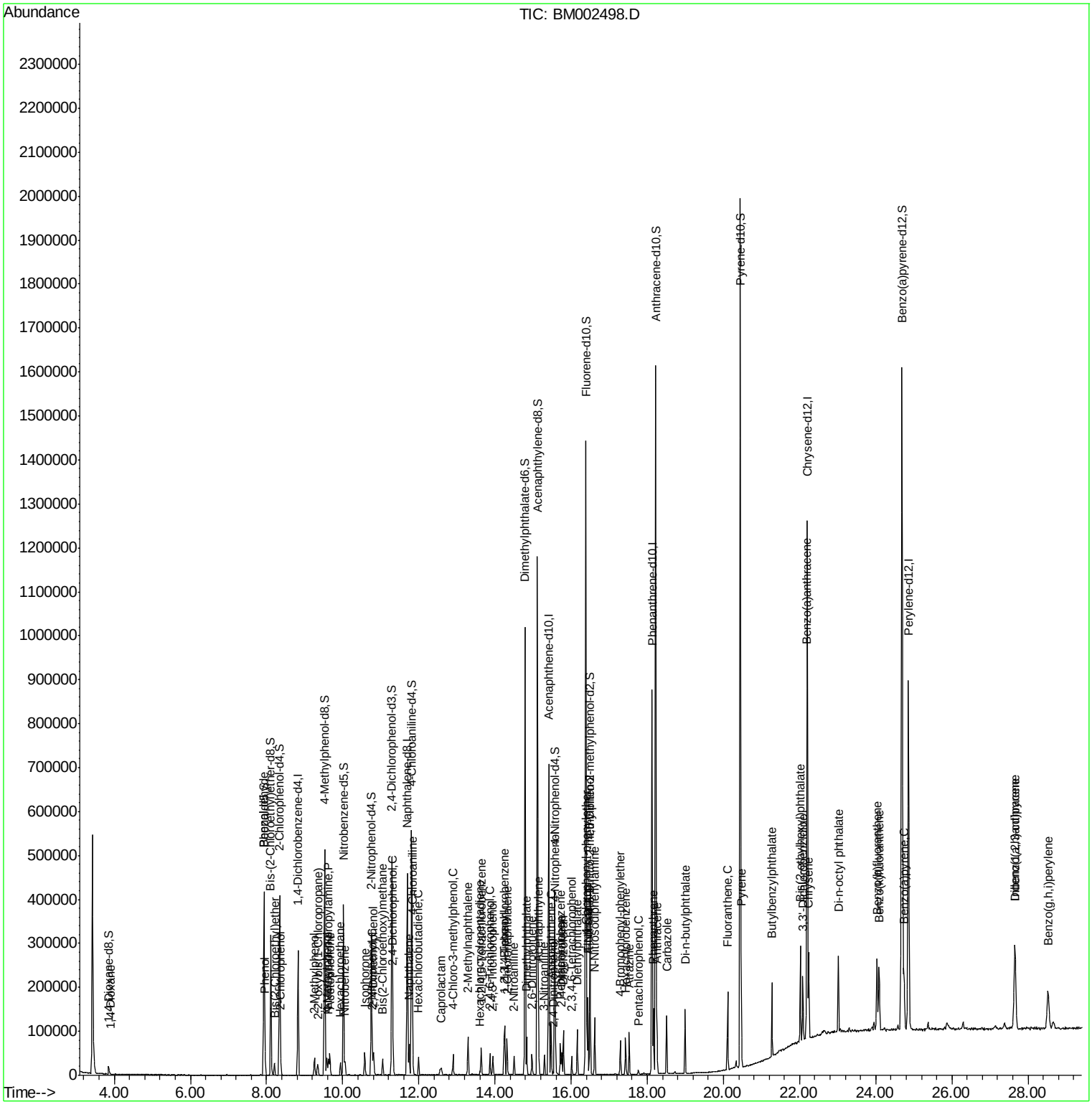
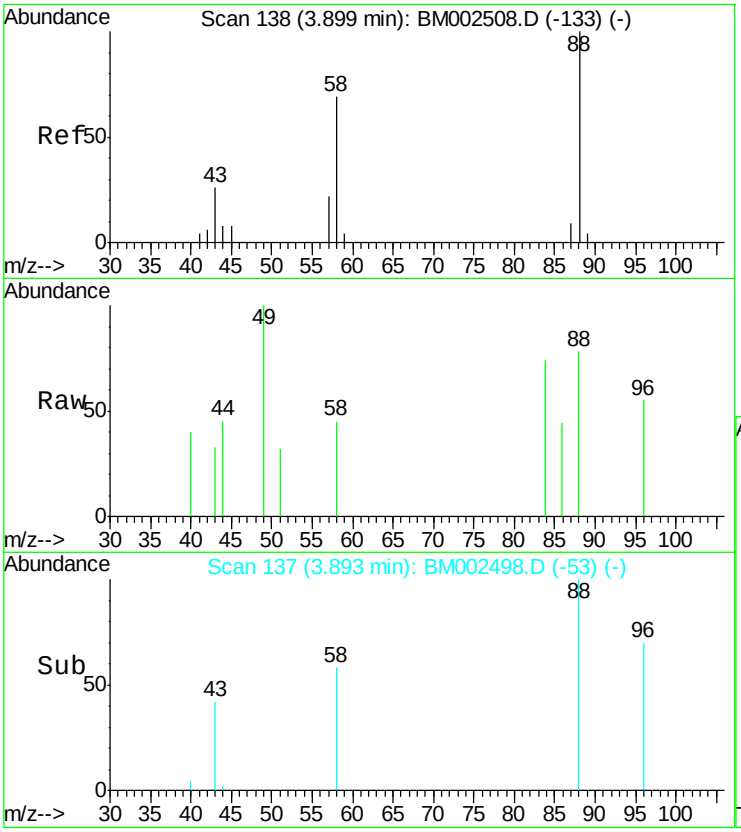
8/20/2015 3:36:18 PM

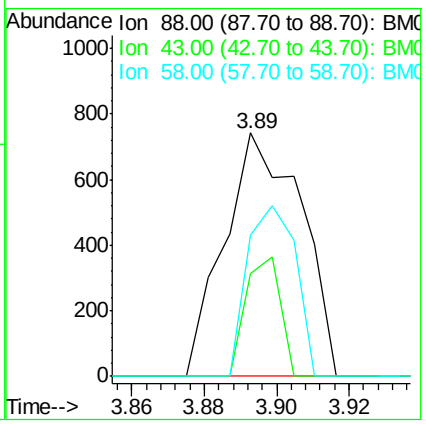




#2
1,4-Dioxane
Concen: 0.51 ng/uL
RT: 3.89 min Scan# 137
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion: 88 Resp: 1094

Ion	Ratio	Lower	Upper
88	100		
43	21.8	2.3	3.5#
58	44.1	0.6	1.0#



Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Manual Integrations APPROVED
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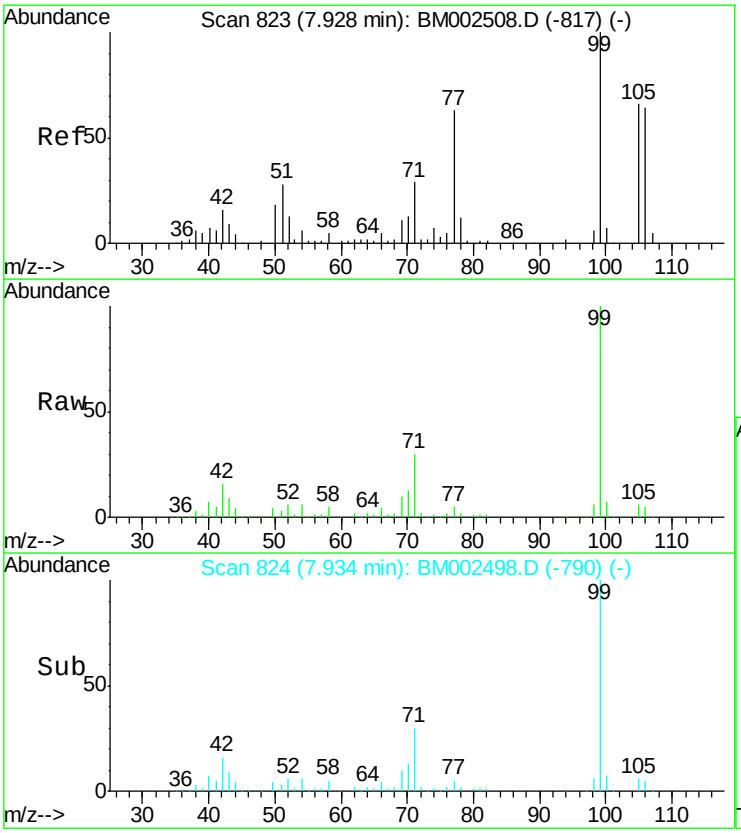
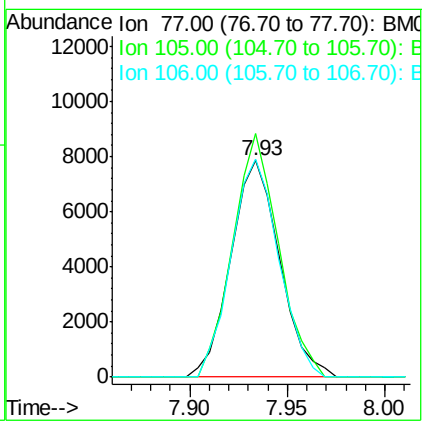
8/20/2015 3:36:18 PM

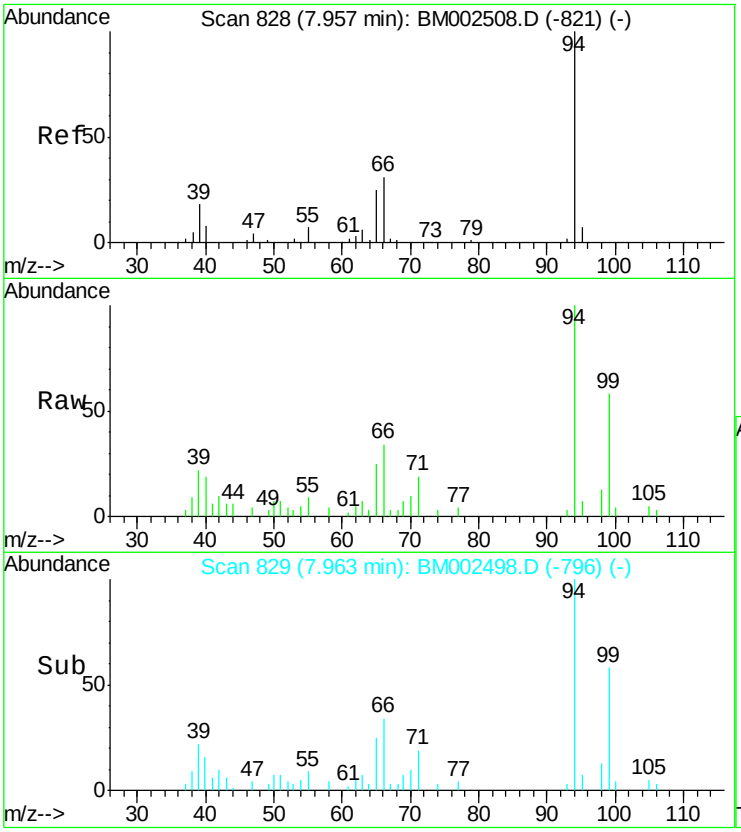


#4
Benzaldehyde
Concen: 2.92 ng/ul
RT: 7.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion: 77 Resp: 13663

Ion	Ratio	Lower	Upper
77	100		
105	112.7	80.0	120.0
106	100.6	76.7	115.1

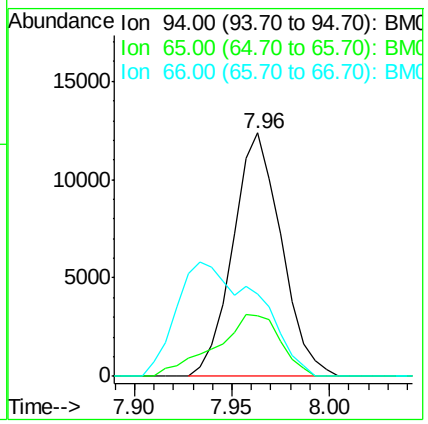




#6
Phenol
Concen: 2.62 ng/ul
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion: 94 Resp: 21280

Ion	Ratio	Lower	Upper
94	100		
65	25.0	23.7	35.5
66	33.8	31.3	46.9



Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Manual Integrations APPROVED
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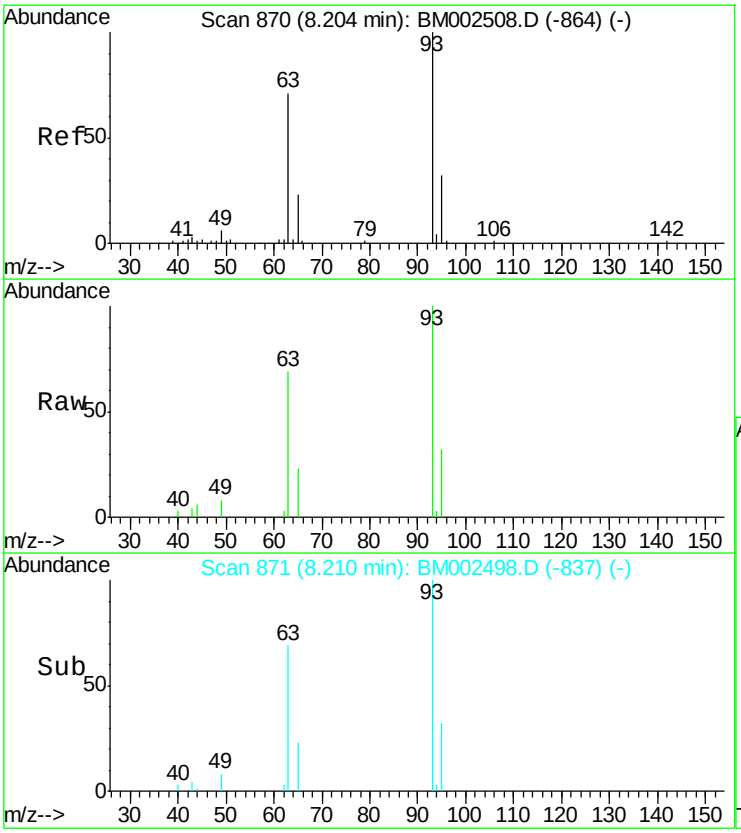
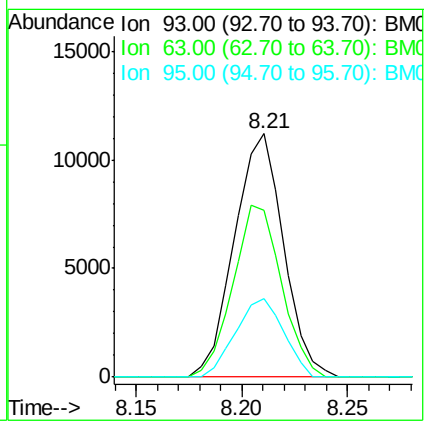
8/20/2015 3:36:18 PM

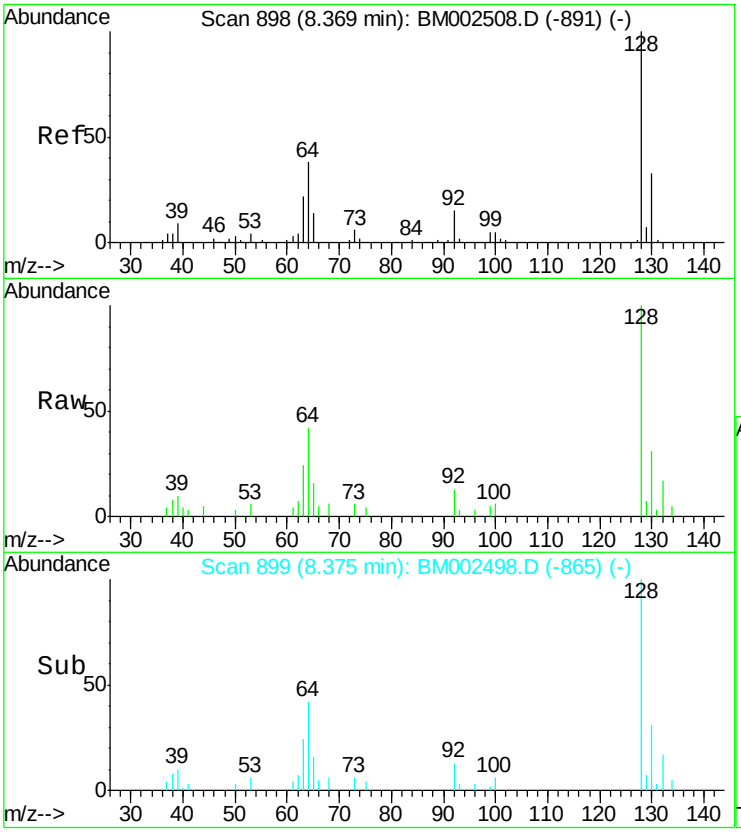


#8
Bis(2-Chloroethyl)ether
Concen: 2.89 ng/ul
RT: 8.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion: 93 Resp: 18089

Ion	Ratio	Lower	Upper
93	100		
63	68.6	64.6	97.0
95	32.0	26.6	40.0

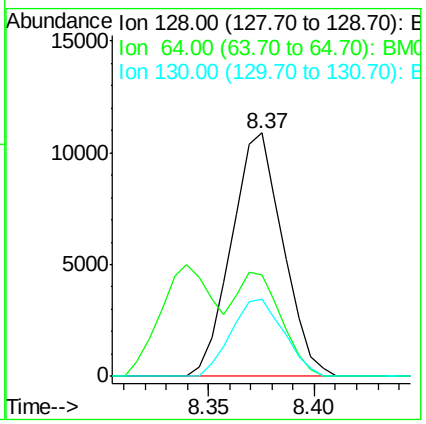




#10
2-Chlorophenol
Concen: 2.75 ng/ul
RT: 8.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:128 Resp: 18393

Ion	Ratio	Lower	Upper
128	100		
64	41.6	38.7	58.1
130	31.5	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
MDL-07-W

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MMDadoda
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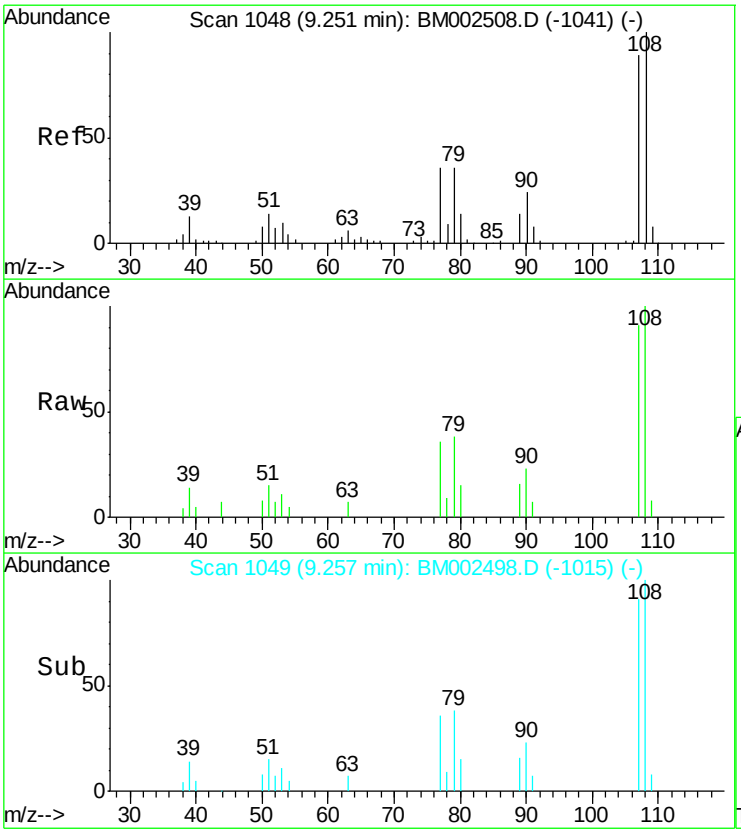
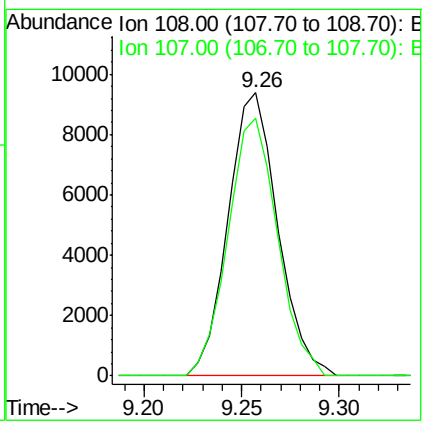
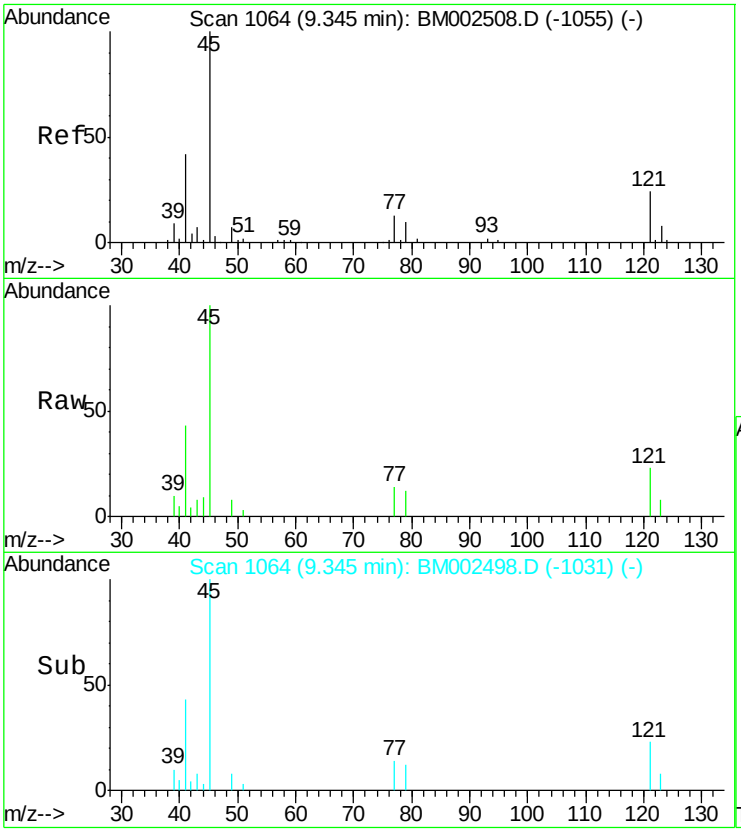


#11
2-Methylphenol
Concen: 2.58 ng/ul
RT: 9.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:108 Resp: 16594

Ion	Ratio	Lower	Upper
108	100		
107	91.2	72.0	108.0





#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.13 ng/ul
RT: 9.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion: 45 Resp: 23702

Ion	Ratio	Lower	Upper
45	100		
77	14.4	9.4	14.2#
79	11.9	7.5	11.3#

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

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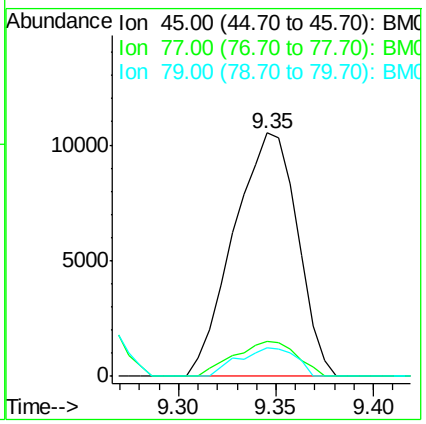
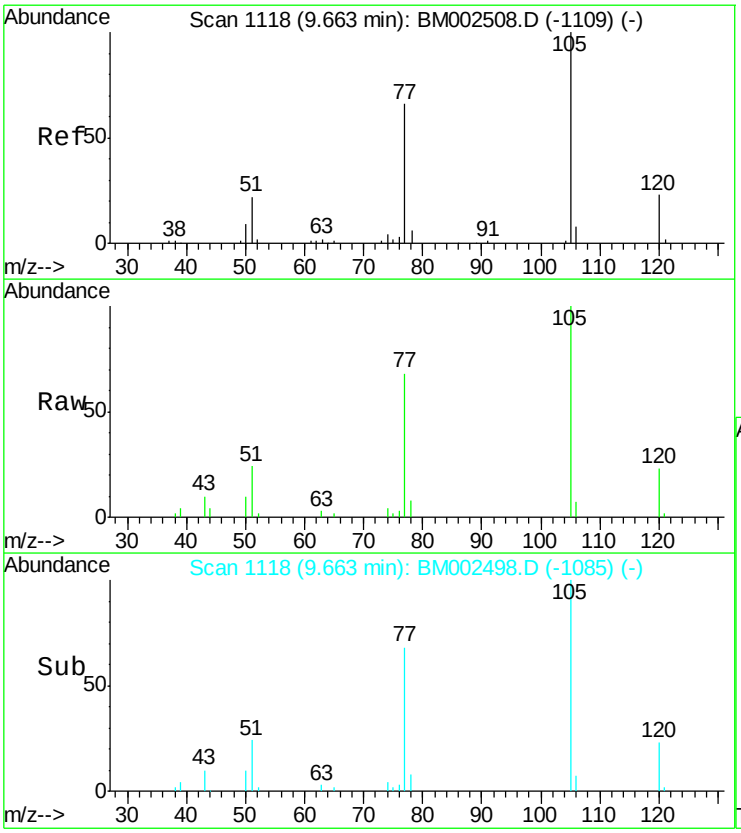
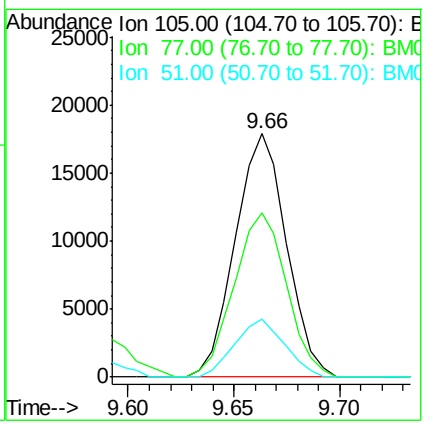


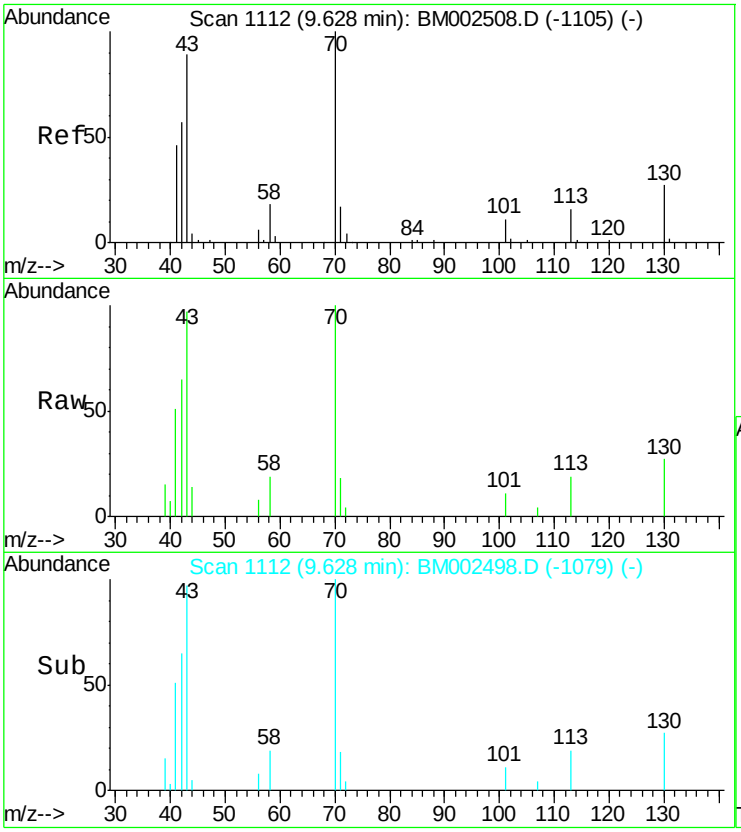


#14
Acetophenone
Concen: 2.98 ng/ul
RT: 9.66 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:105 Resp: 30088

Ion	Ratio	Lower	Upper
105	100		
77	67.6	59.4	89.0
51	23.6	23.4	35.0





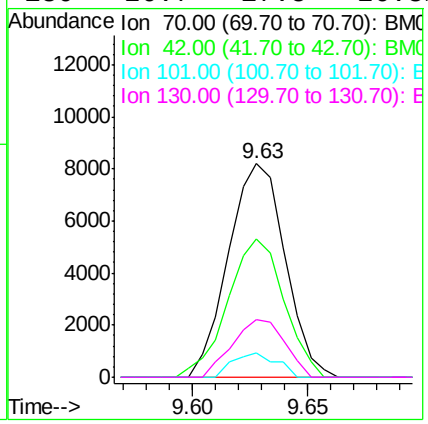
#15
N-Nitroso-di-n-propylamine
Concen: 2.58 ng/ul
RT: 9.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

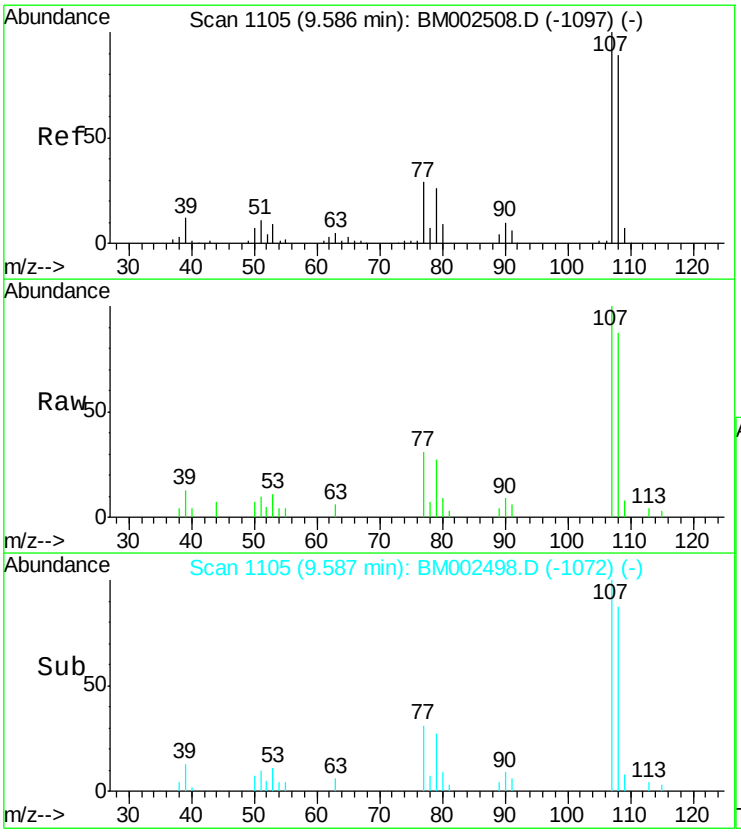
Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:18 PM

Tgt Ion: 70 Resp: 14036

Ion	Ratio	Lower	Upper
70	100		
42	64.6	53.4	80.0
101	11.1	7.7	11.5
130	26.7	17.5	26.3#

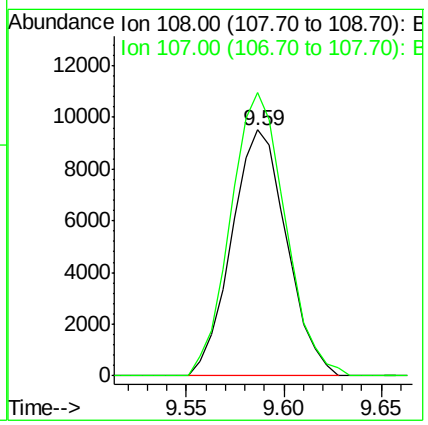


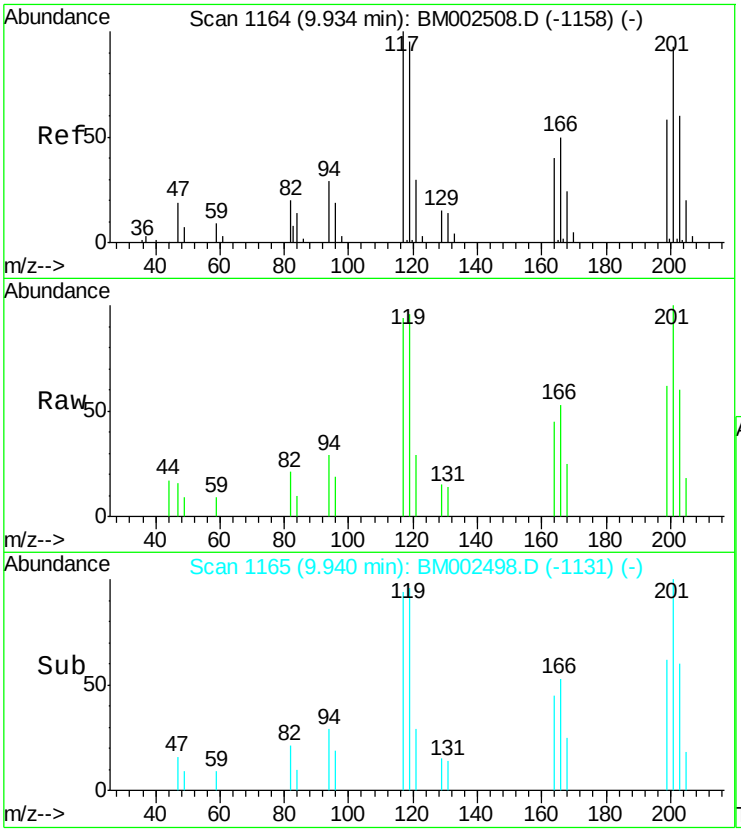


#16
4-Methylphenol
Concen: 2.64 ng/ul
RT: 9.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:108 Resp: 18606

Ion	Ratio	Lower	Upper
108	100		
107	115.1	90.9	136.3

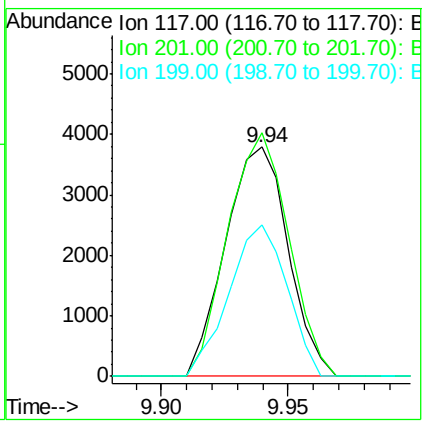




#17
Hexachloroethane
Concen: 2.47 ng/ul
RT: 9.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:117 Resp: 6511

Ion	Ratio	Lower	Upper
117	100		
201	106.2	71.5	107.3
199	65.8	44.9	67.3



Instrument :
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ClientSampleId :
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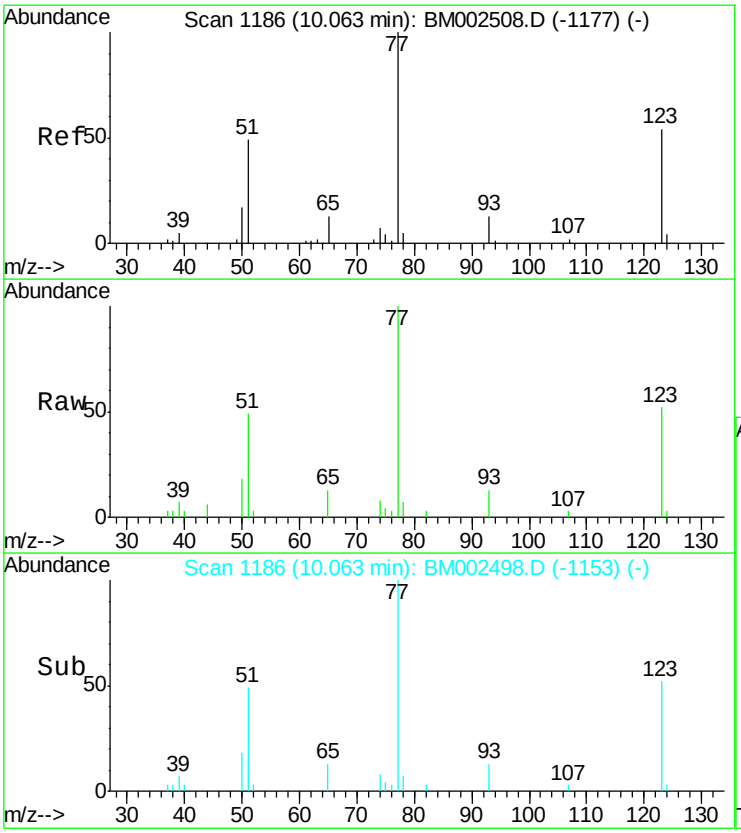
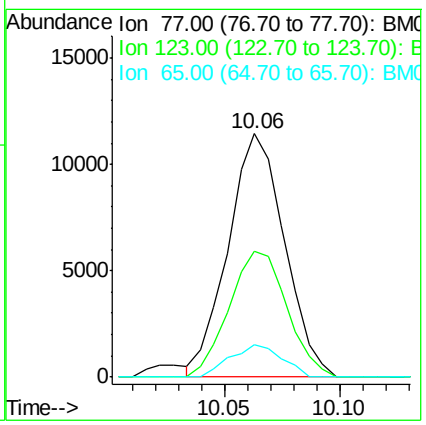
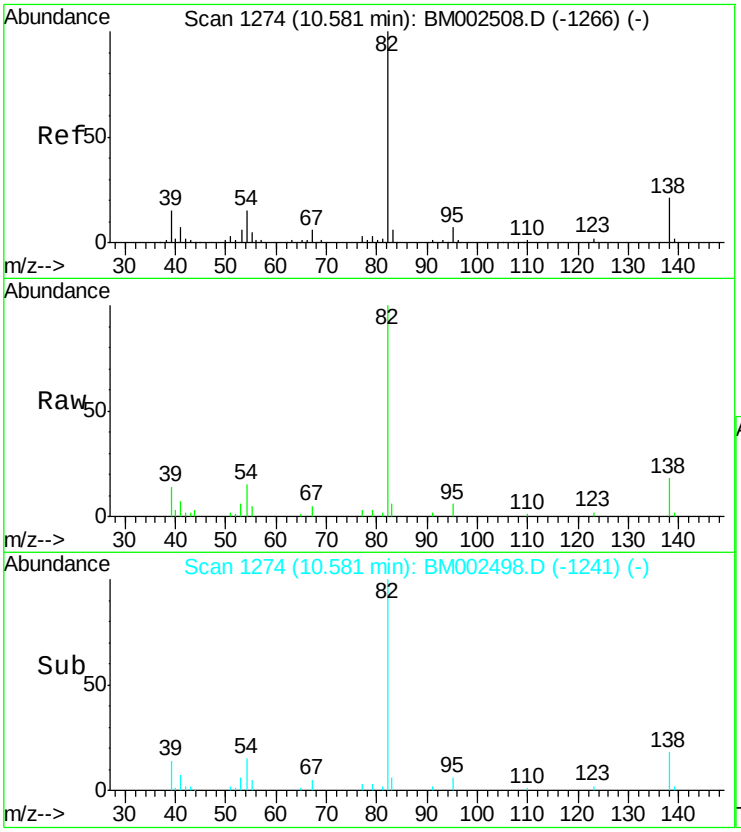


#20
Nitrobenzene
Concen: 2.63 ng/ul
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion: 77 Resp: 19438

Ion	Ratio	Lower	Upper
77	100		
123	51.7	37.0	55.6
65	13.5	11.0	16.6





#21
Isophorone
Concen: 2.71 ng/ul
RT: 10.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion: 82 Resp: 40009

Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.9	8.9
138	18.2	15.0	22.4

Instrument :
BNA_M
ClientSampleId :
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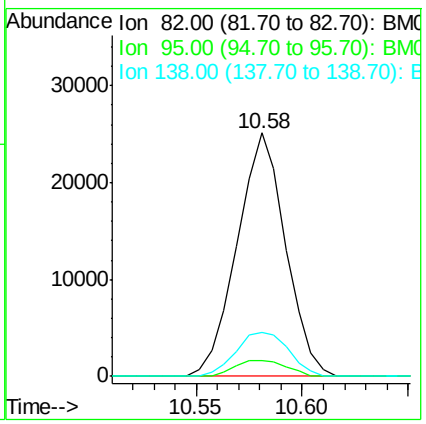
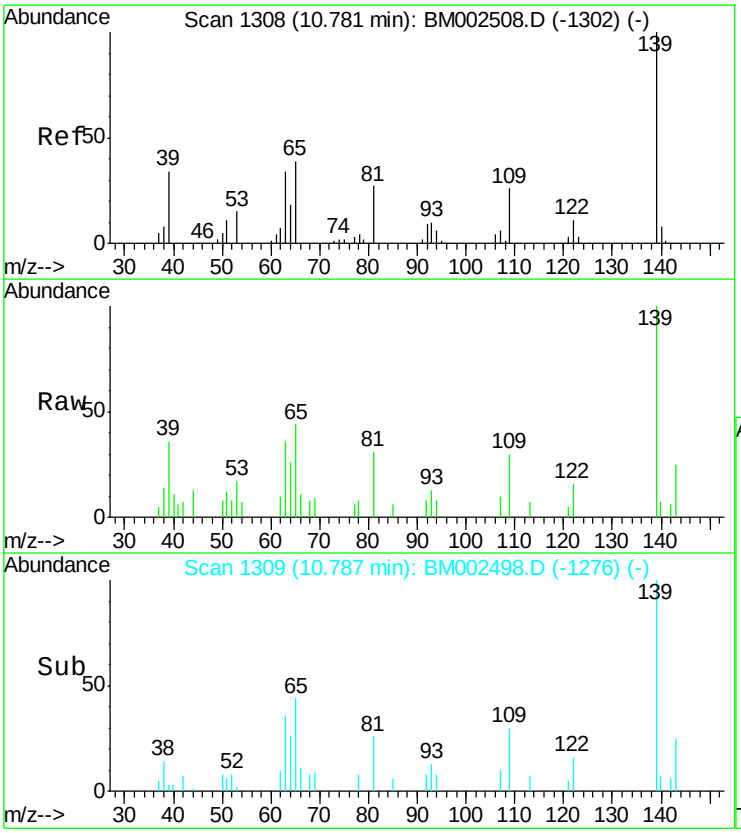
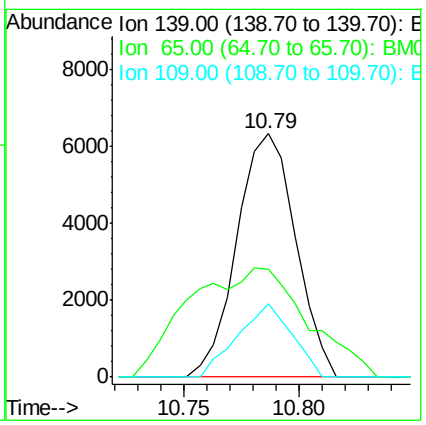


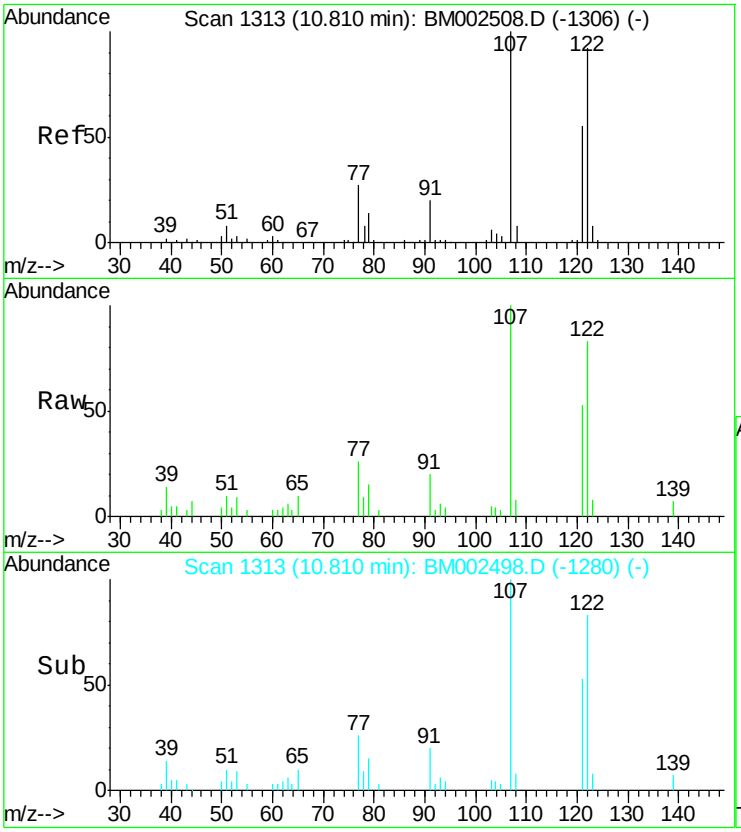


#23
2-Nitrophenol
Concen: 3.49 ng/ul
RT: 10.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:139 Resp: 11201

Ion	Ratio	Lower	Upper
139	100		
65	44.4	43.0	64.6
109	30.0	23.8	35.8

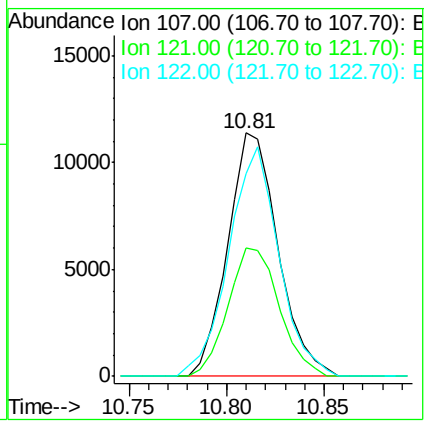




#24
2,4-Dimethylphenol
Concen: 2.59 ng/ul
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:107 Resp: 20360

Ion	Ratio	Lower	Upper
107	100		
121	52.9	41.8	62.6
122	83.1	71.2	106.8



Instrument :
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ClientSampleId :
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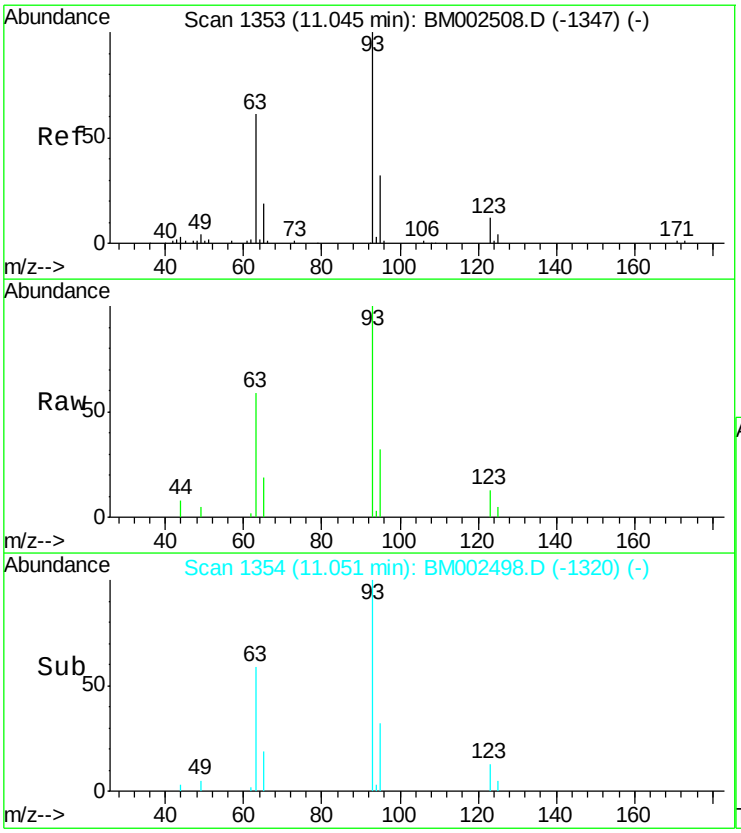
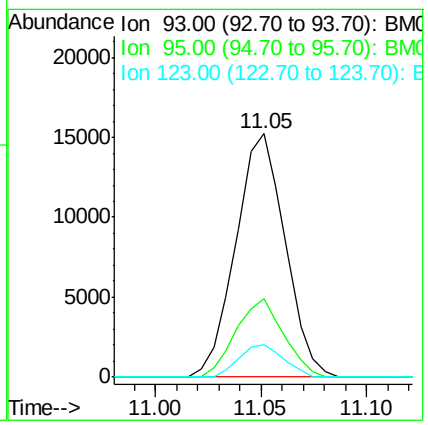
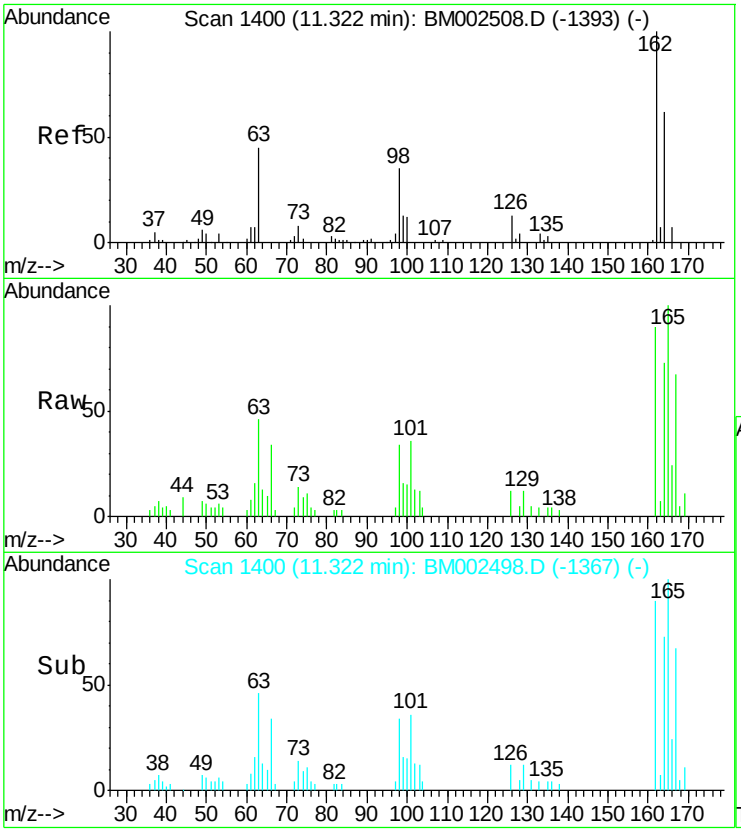


#25
Bis(2-Chloroethoxy)methane
Concen: 2.71 ng/ul
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion: 93 Resp: 24707

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.8
123	13.2	9.3	13.9





#27
2,4-Dichlorophenol
Concen: 2.97 ng/ul
RT: 11.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:162 Resp: 17633

Ion	Ratio	Lower	Upper
162	100		
164	80.9	52.9	79.3#
98	37.9	31.4	47.0

Instrument :
BNA_M
ClientSampleId :
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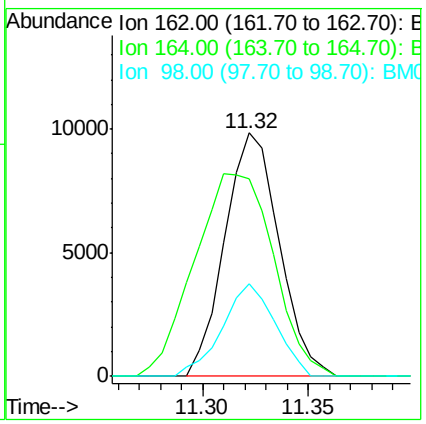
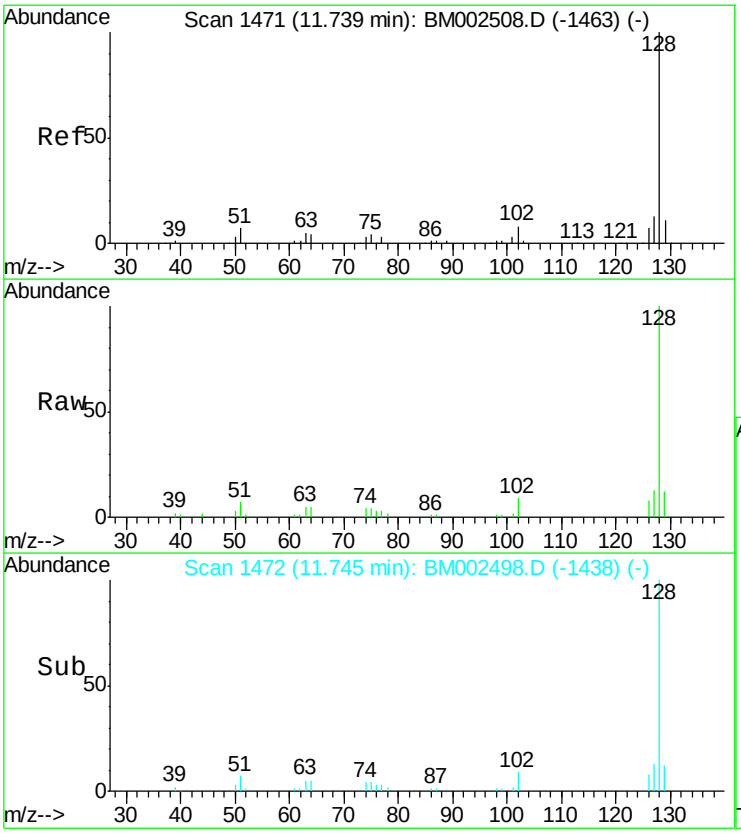
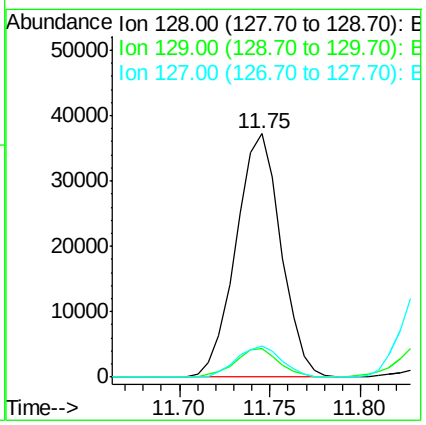


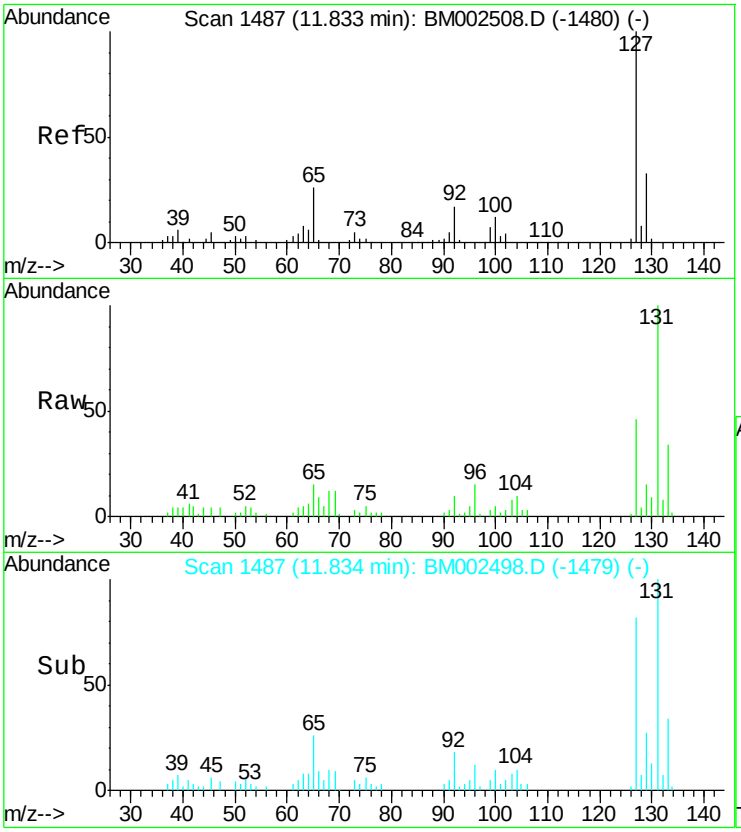


#28
Naphthalene
Concen: 2.88 ng/ul
RT: 11.75 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:128 Resp: 64321

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	12.8	10.4	15.6





#30
4-Chloroaniline
Concen: 3.48 ng/ul
RT: 11.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:127 Resp: 28315

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8

Instrument :
BNA_M
ClientSampleId :
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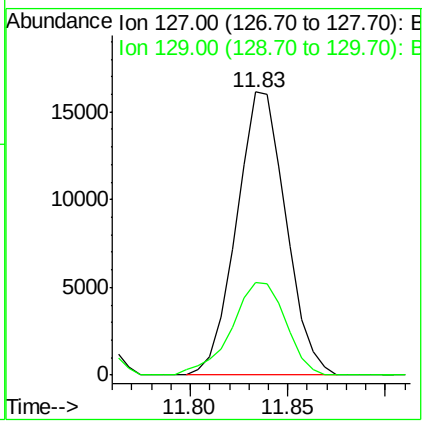
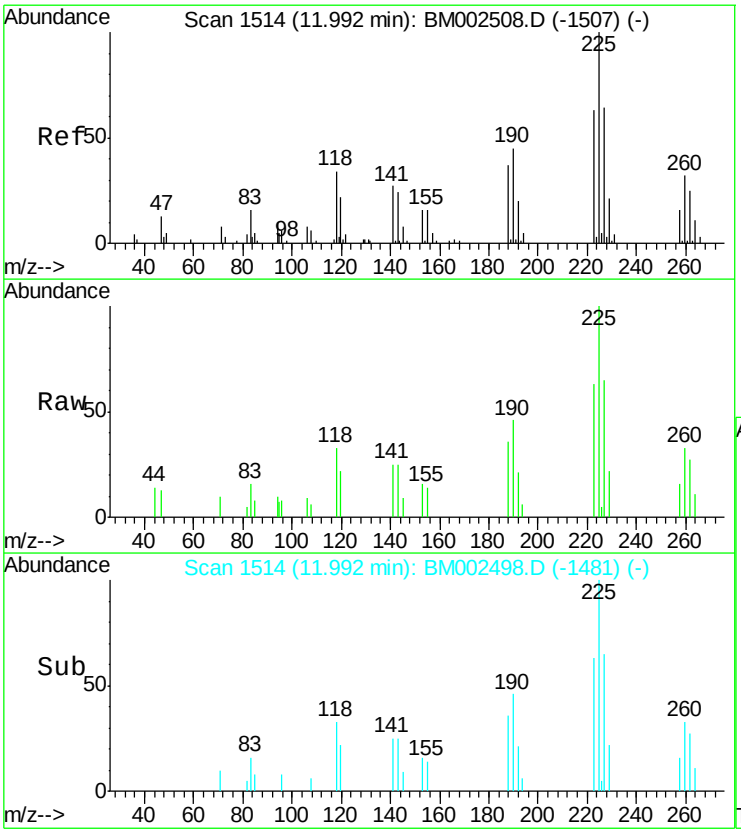
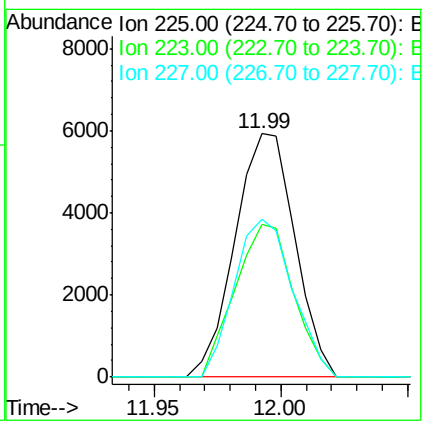


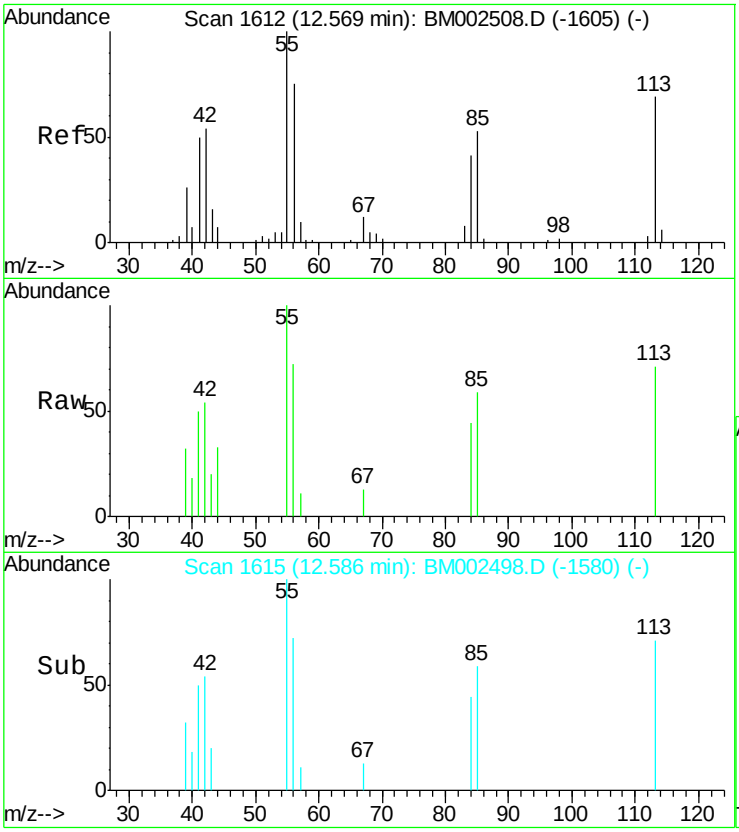


#31
Hexachlorobutadiene
Concen: 2.85 ng/ul
RT: 11.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:225 Resp: 9780

Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.4
227	64.9	52.1	78.1

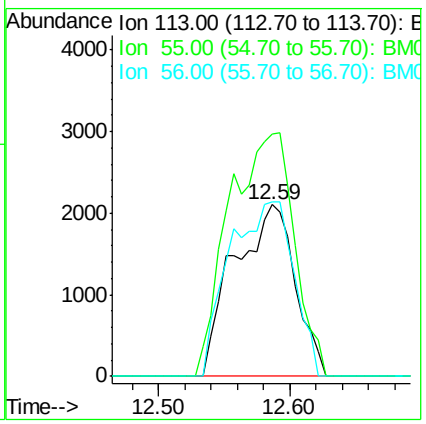




#32
Caprolactam
Concen: 2.77 ng/ul m
RT: 12.59 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:113 Resp: 6800

Ion	Ratio	Lower	Upper
113	100		
55	140.8	152.5	228.7#
56	101.7	111.4	167.0#



Instrument :
BNA_M
ClientSampleId :
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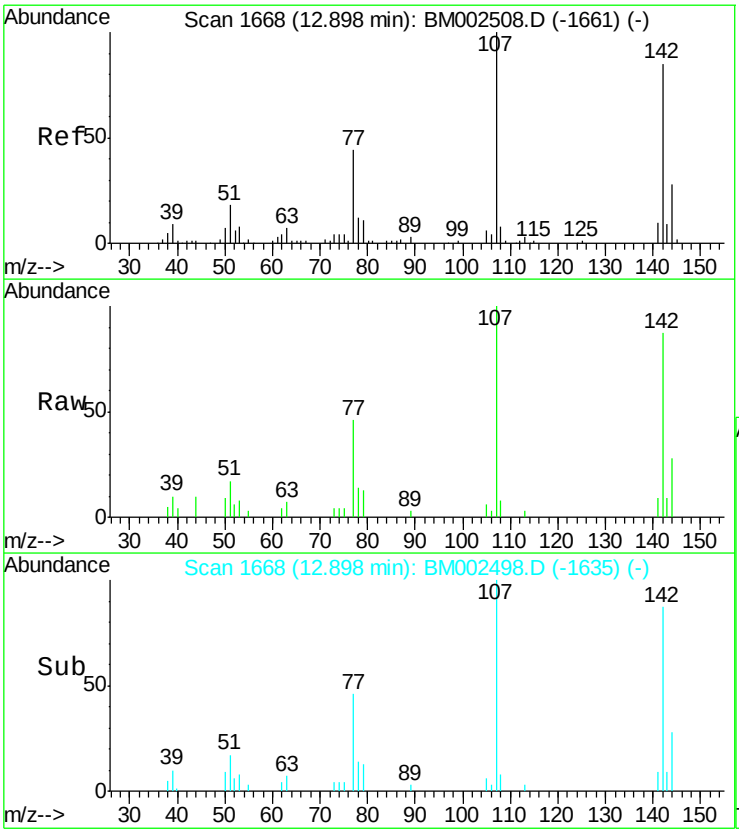
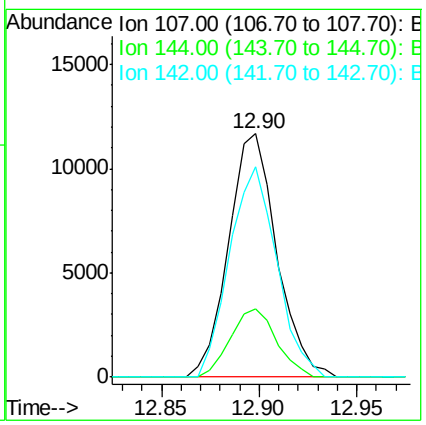
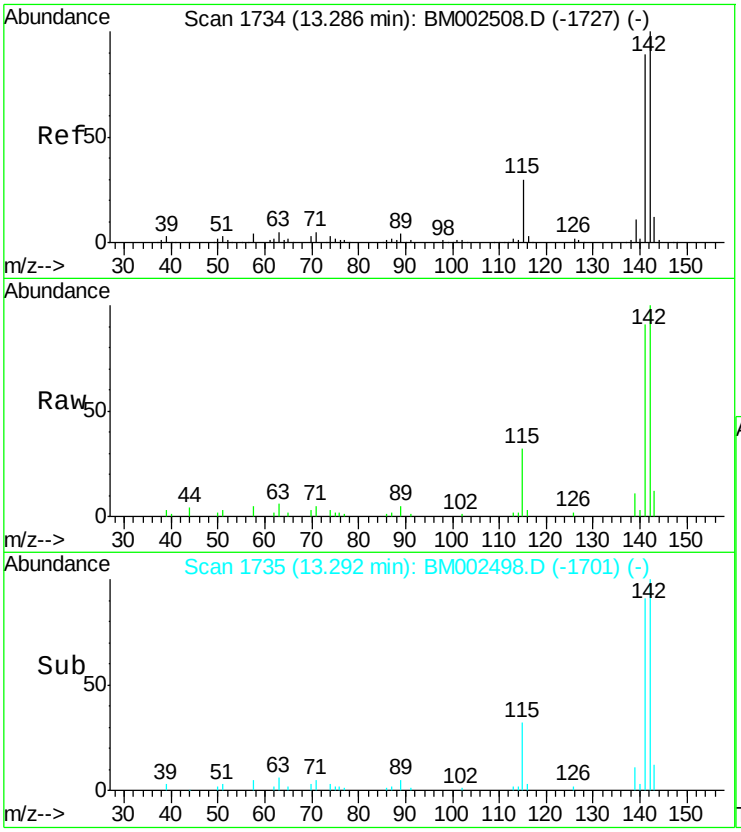


#33
4-Chloro-3-methylphenol
Concen: 2.68 ng/ul
RT: 12.90 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:107 Resp: 19973

Ion	Ratio	Lower	Upper
107	100		
144	28.1	20.3	30.5
142	86.6	63.1	94.7





#34
2-Methylnaphthalene
Concen: 2.90 ng/ul
RT: 13.29 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:142 Resp: 46381

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.5	108.7

Instrument :
BNA_M
ClientSampleId :
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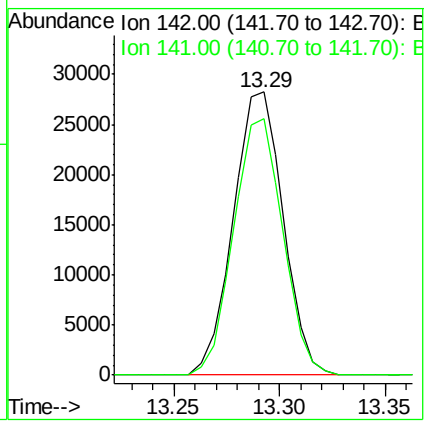
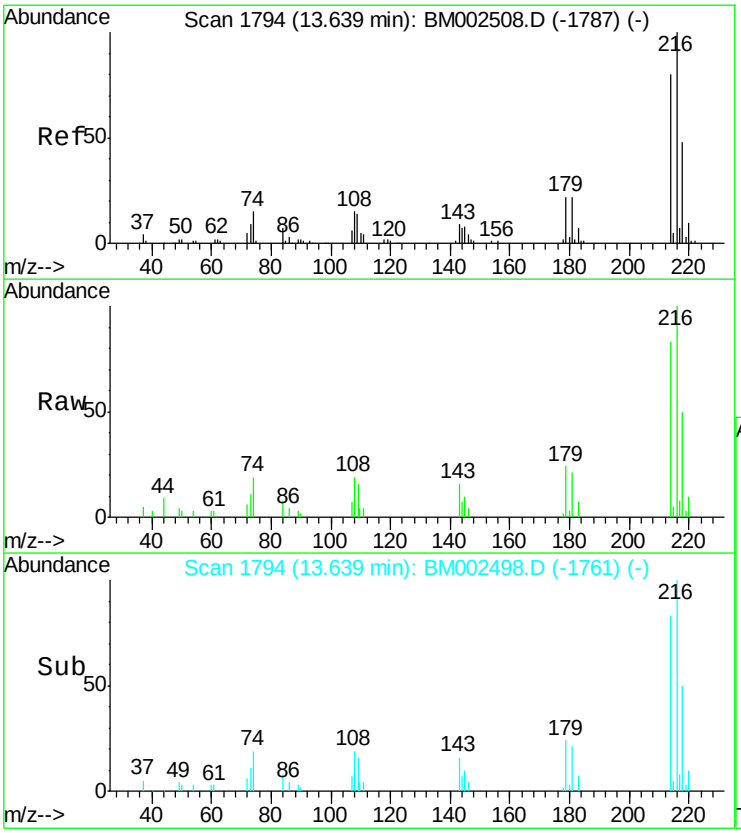
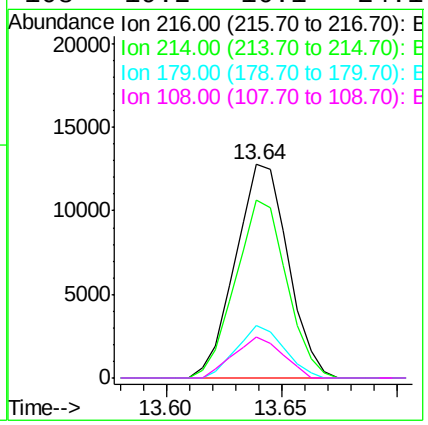


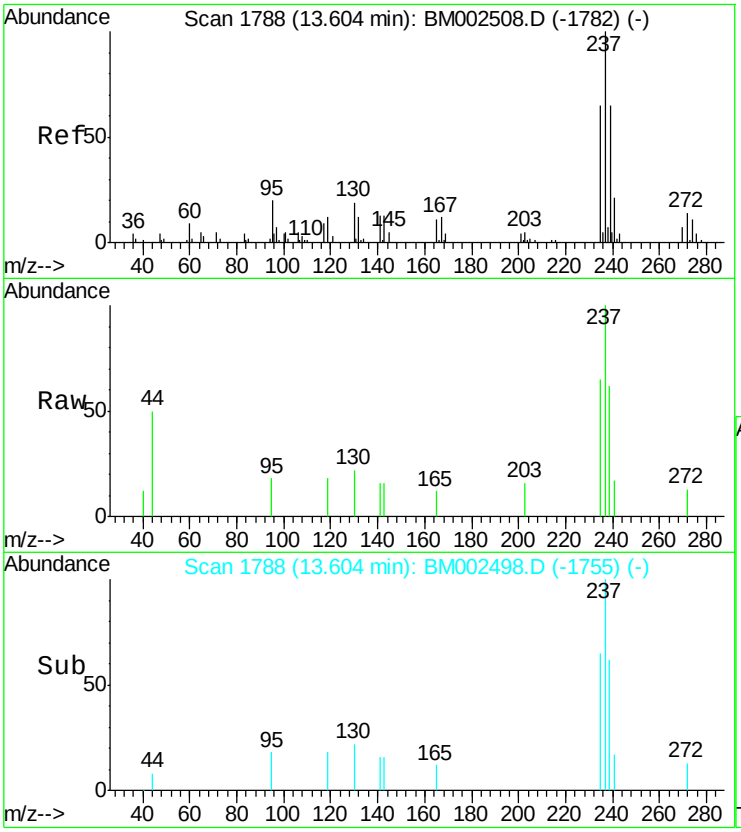


#37
1,2,4,5-Tetrachlorobenzene
Concen: 2.88 ng/ul
RT: 13.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:216 Resp: 20290

Ion	Ratio	Lower	Upper
216	100		
214	83.5	63.1	94.7
179	24.4	18.9	28.3
108	19.2	16.1	24.1

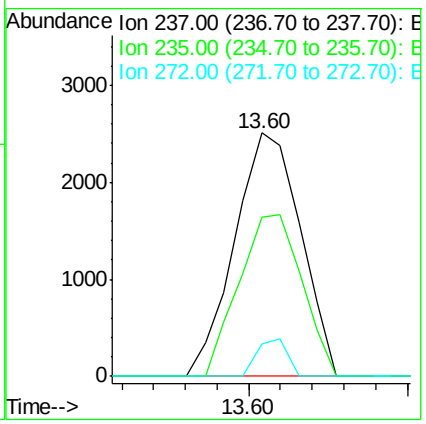




#38
Hexachlorocyclopentadiene
Concen: 0.87 ng/ul
RT: 13.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:237 Resp: 3621

Ion	Ratio	Lower	Upper
237	100		
235	65.5	51.0	76.6
272	13.1	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
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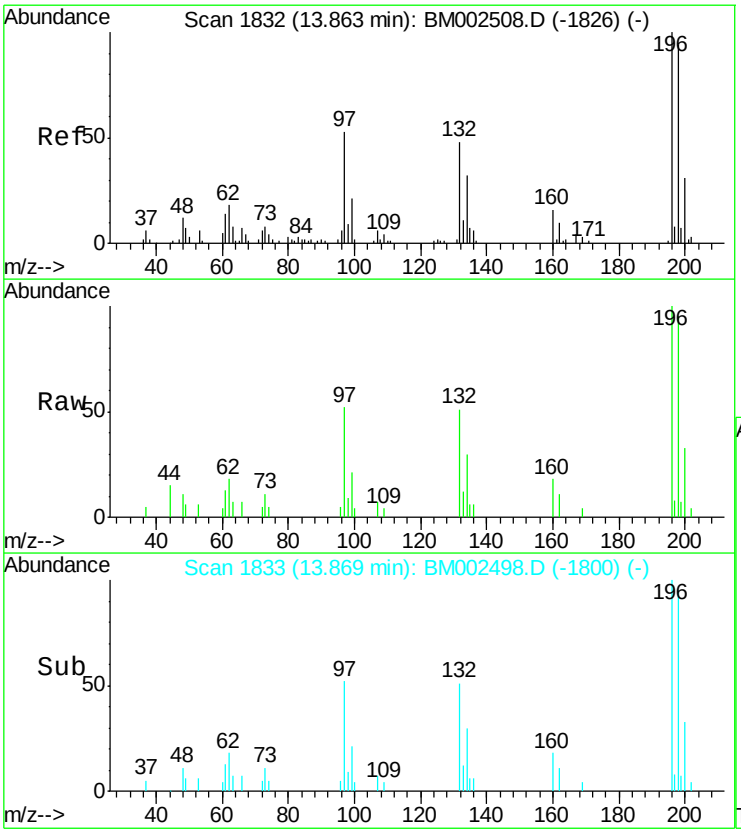
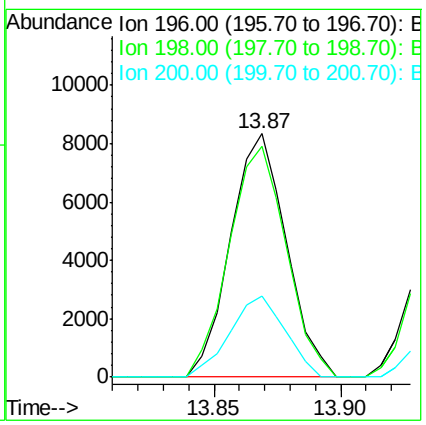
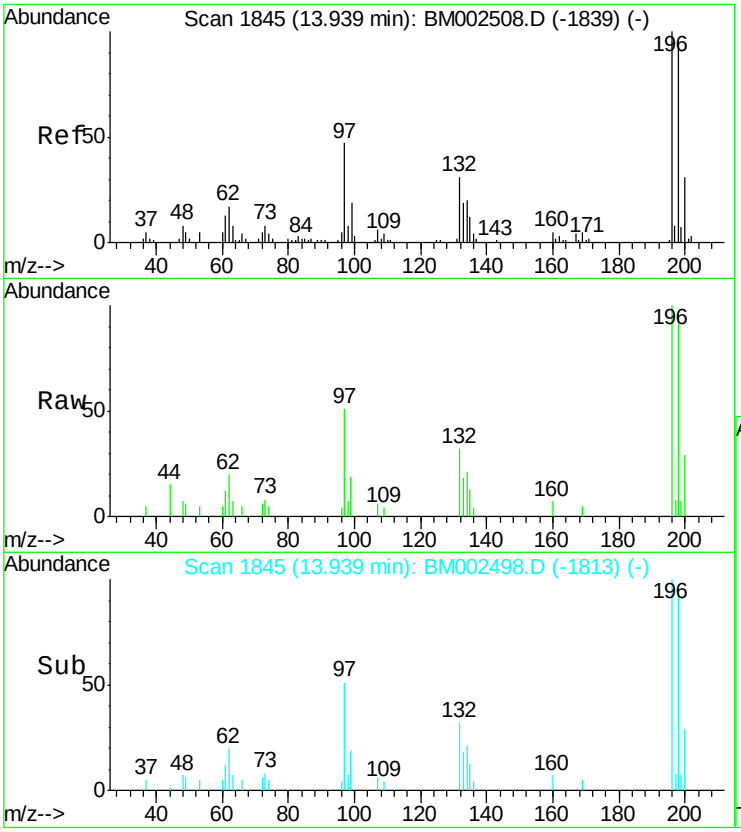


#39
2,4,6-Trichlorophenol
Concen: 2.91 ng/ul
RT: 13.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:196 Resp: 12760

Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.1	115.7
200	33.4	24.8	37.2

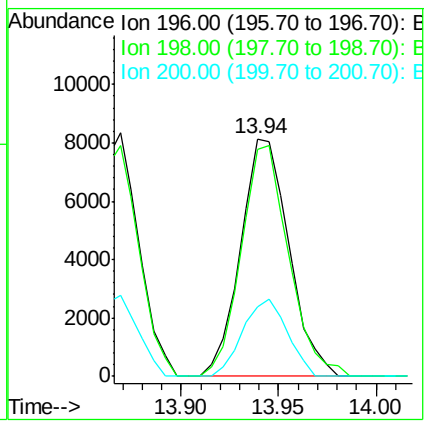




#40
2,4,5-Trichlorophenol
Concen: 2.84 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:196 Resp: 13999

Ion	Ratio	Lower	Upper
196	100		
198	95.5	78.6	117.8
200	29.3	25.0	37.4



Instrument :
BNA_M
ClientSampleId :
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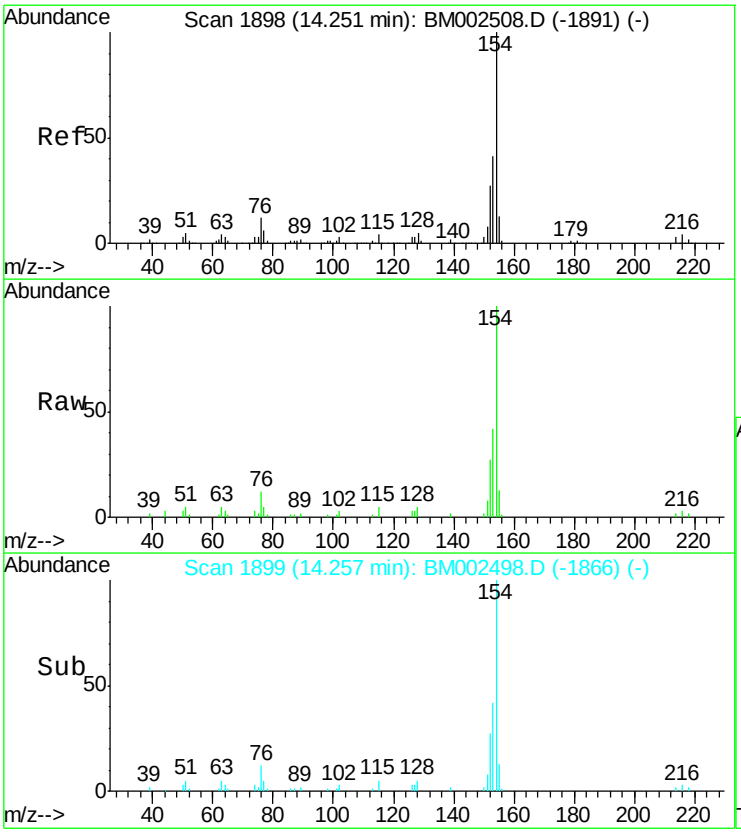
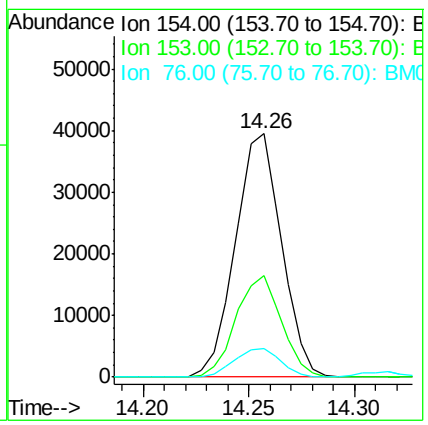
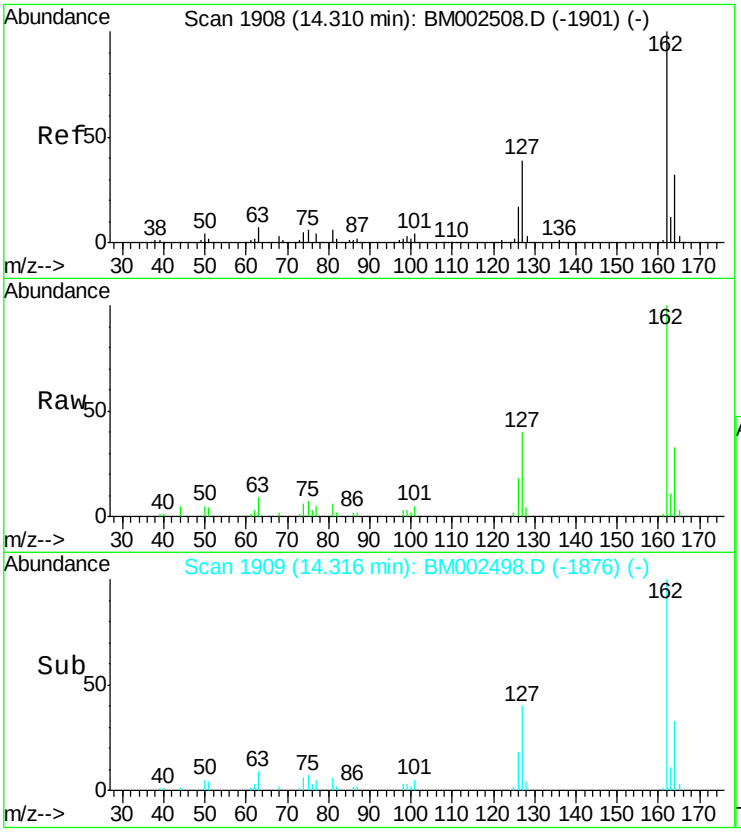


#41
1,1'-Biphenyl
Concen: 2.88 ng/ul
RT: 14.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:154 Resp: 59868

Ion	Ratio	Lower	Upper
154	100		
153	42.0	32.1	48.1
76	11.7	11.0	16.4

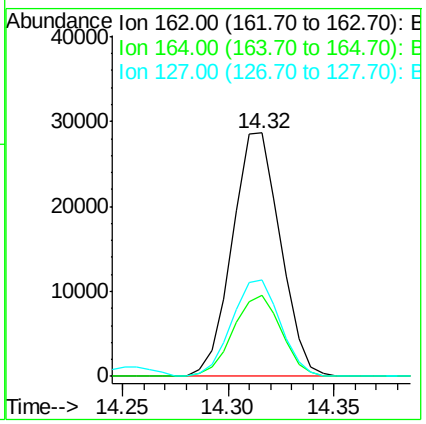




#42
2-Chloronaphthalene
Concen: 2.87 ng/ul
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:162 Resp: 45221

Ion	Ratio	Lower	Upper
162	100		
164	33.1	26.7	40.1
127	39.7	33.6	50.4



Instrument :
BNA_M
ClientSampleId :
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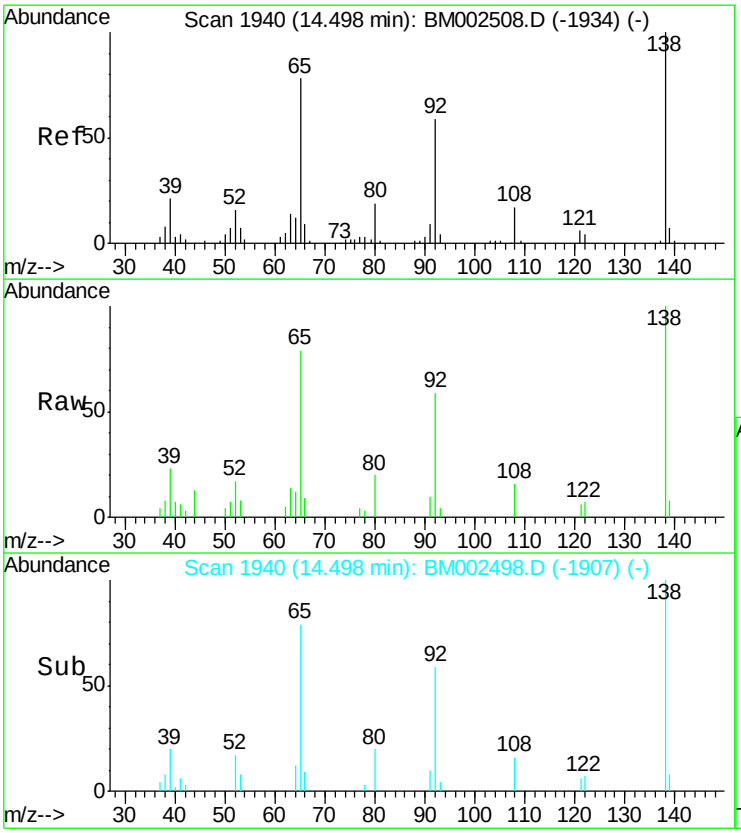
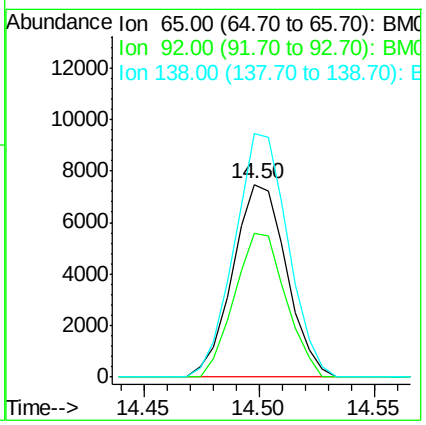
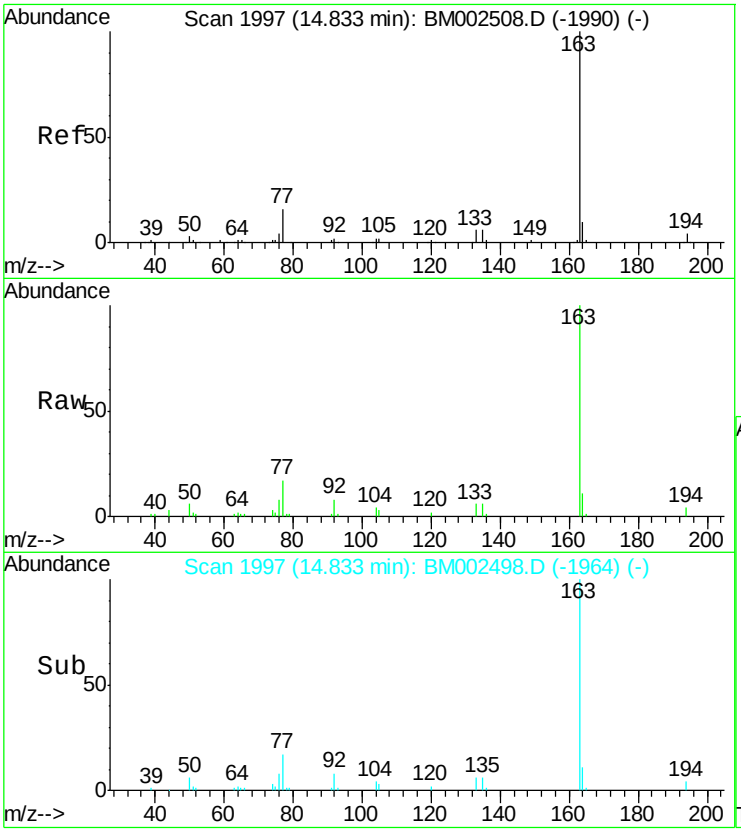


#43
2-Nitroaniline
Concen: 2.53 ng/ul
RT: 14.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion: 65 Resp: 12114

Ion	Ratio	Lower	Upper
65	100		
92	74.9	54.0	81.0
138	126.3	83.1	124.7#

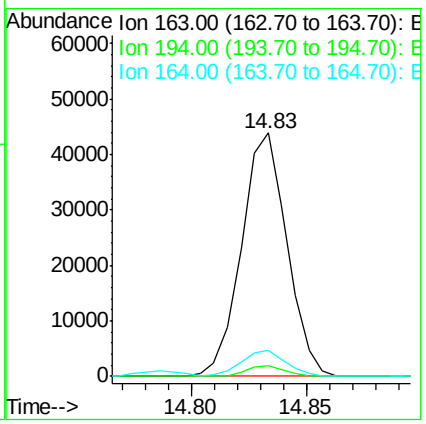




#45
Dimethylphthalate
Concen: 2.92 ng/ul
RT: 14.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:163 Resp: 60215

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.6	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
MDL-07-W

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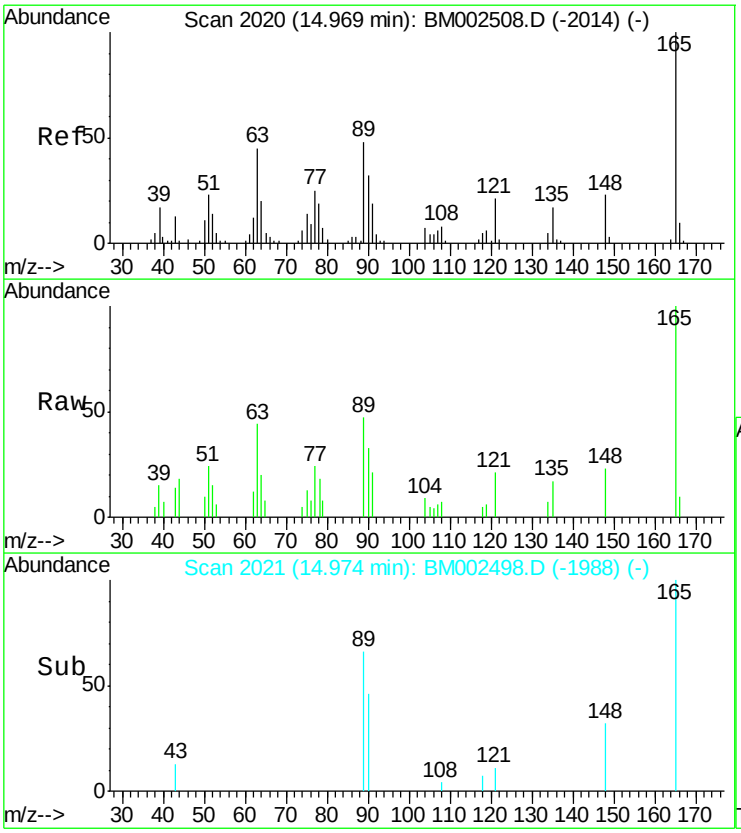
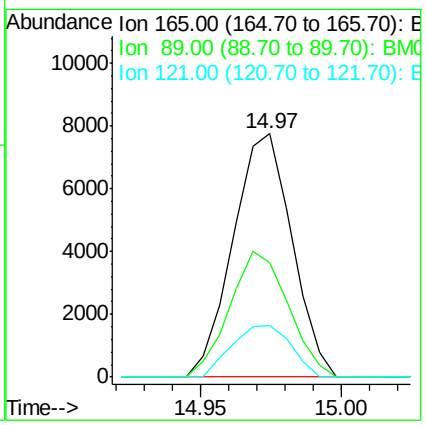
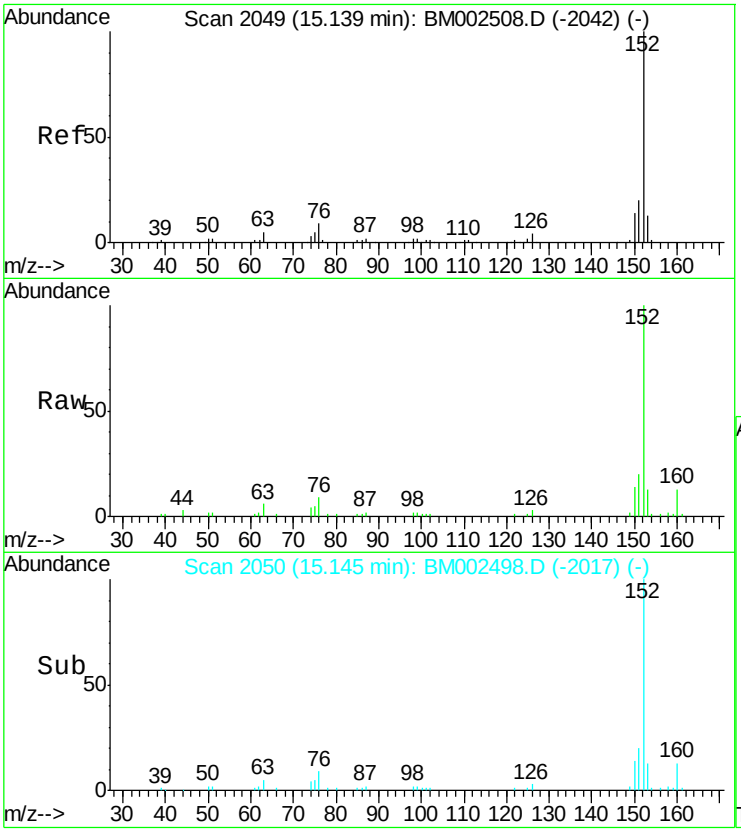


#46
2,6-Dinitrotoluene
Concen: 2.91 ng/ul
RT: 14.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:165 Resp: 11234

Ion	Ratio	Lower	Upper
165	100		
89	46.9	46.6	69.8
121	21.4	19.0	28.4

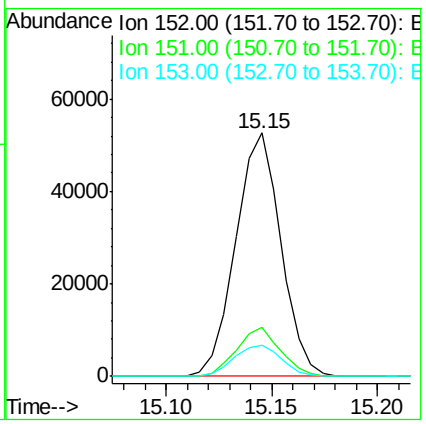




#48
Acenaphthylene
Concen: 2.96 ng/ul
RT: 15.15 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:152 Resp: 78151

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.0	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
MDL-07-W

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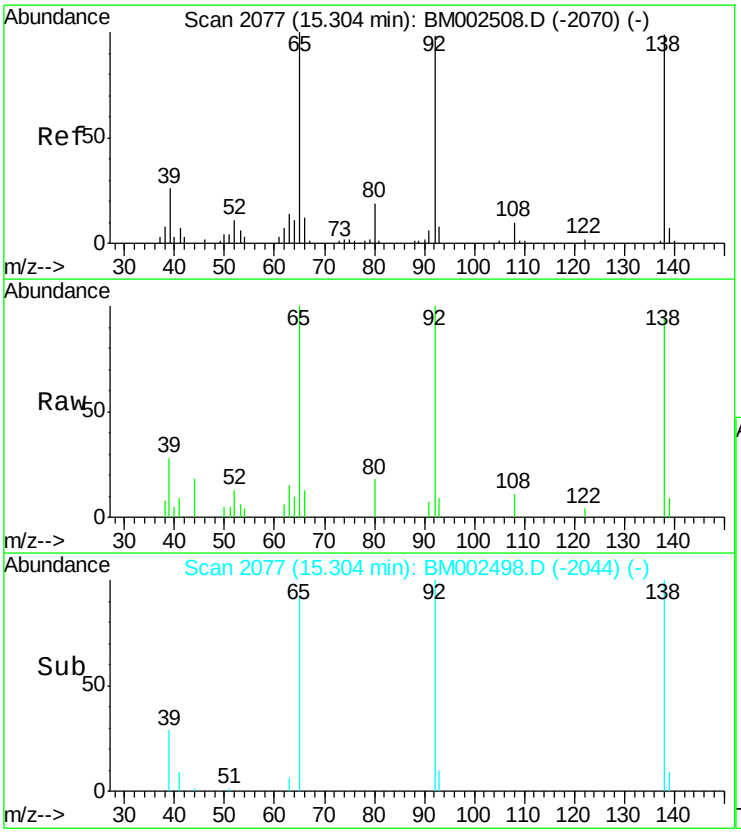
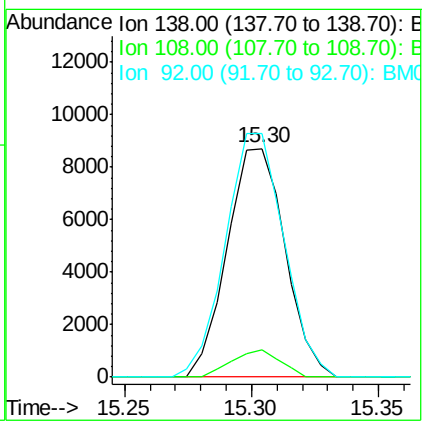
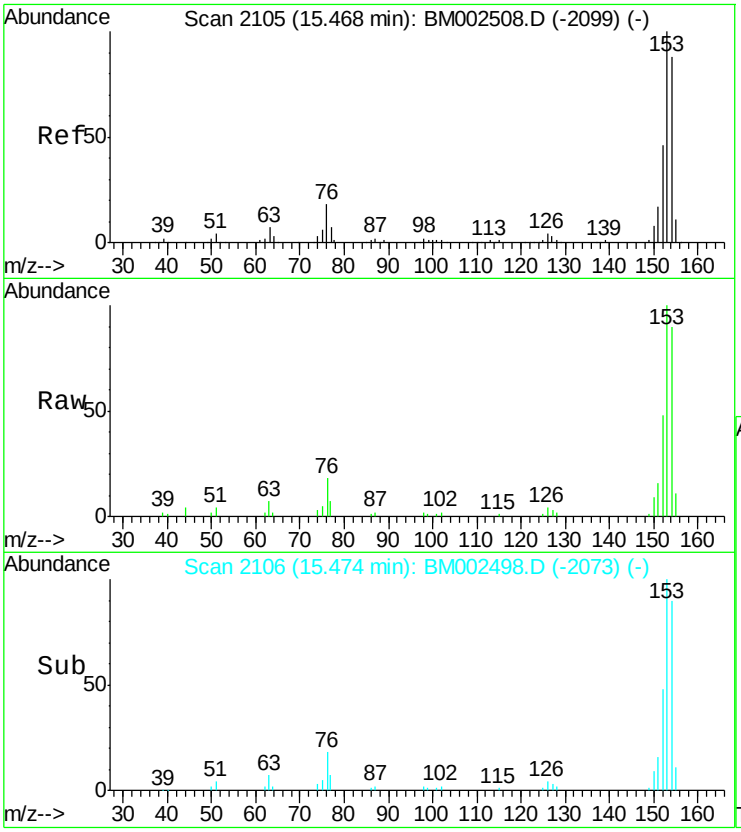


#49
3-Nitroaniline
Concen: 3.33 ng/ul
RT: 15.30 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:138 Resp: 13890

Ion	Ratio	Lower	Upper
138	100		
108	12.2	11.7	17.5
92	106.6	94.3	141.5

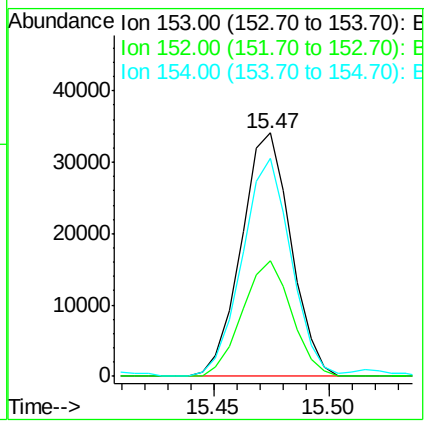




#50
Acenaphthene
Concen: 2.88 ng/ul
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:153 Resp: 51126

Ion	Ratio	Lower	Upper
153	100		
152	47.6	36.6	55.0
154	89.6	71.5	107.3



Instrument :
BNA_M
ClientSampleId :
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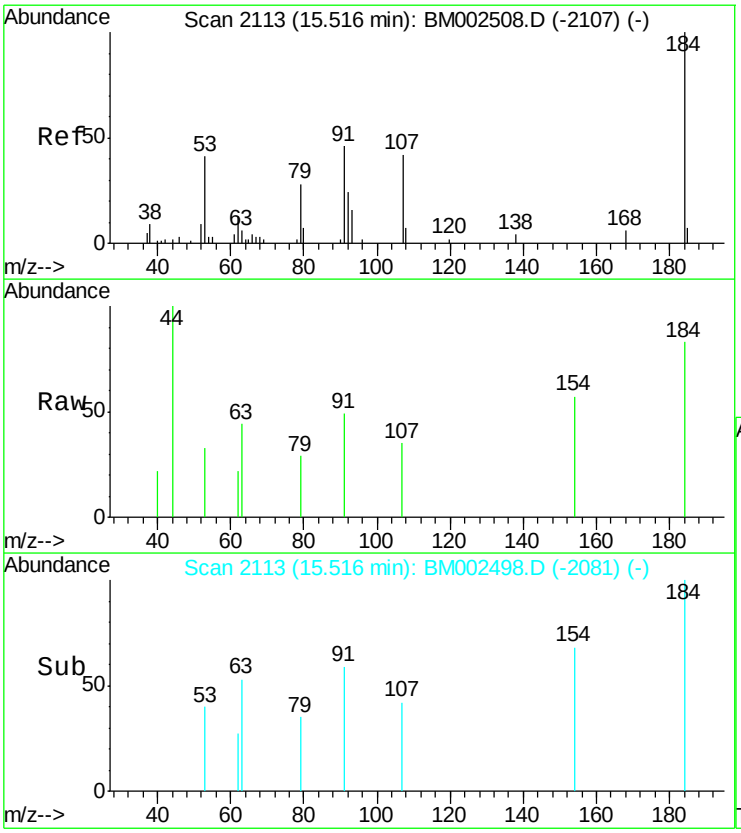
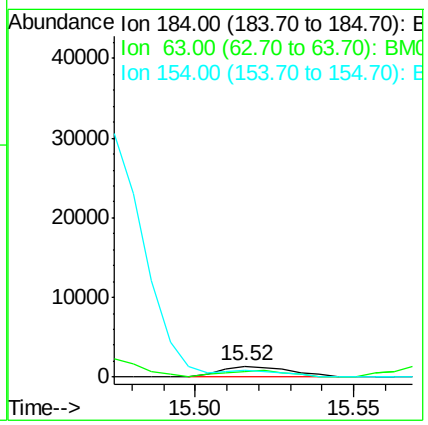
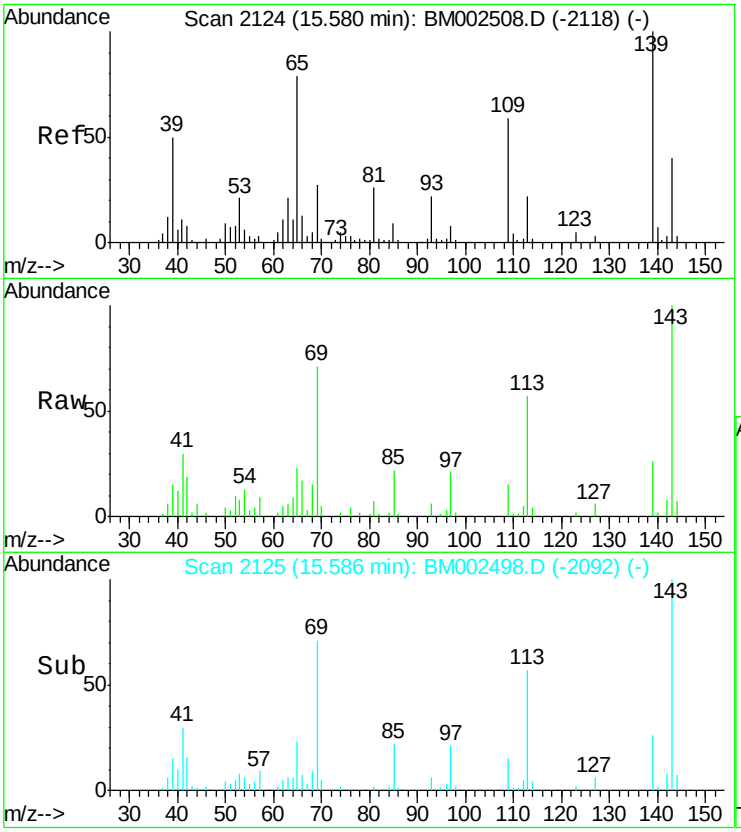


#51
2,4-Dinitrophenol
Concen: 1.53 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:184 Resp: 2044

Ion	Ratio	Lower	Upper
184	100		
63	53.3	94.8	142.2#
154	68.2	525.6	788.4#





#53
4-Nitrophenol
Concen: 2.48 ng/ul
RT: 15.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:109 Resp: 6648

Ion	Ratio	Lower	Upper
109	100		
139	178.8	118.7	178.1#
65	153.8	116.6	174.8

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

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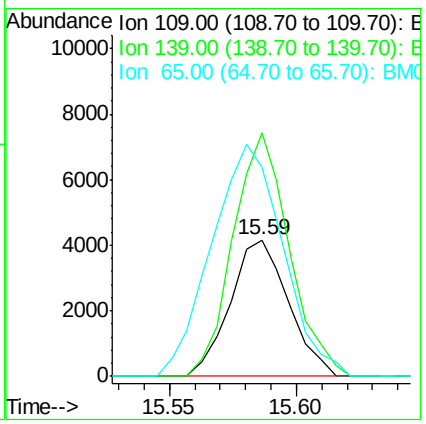
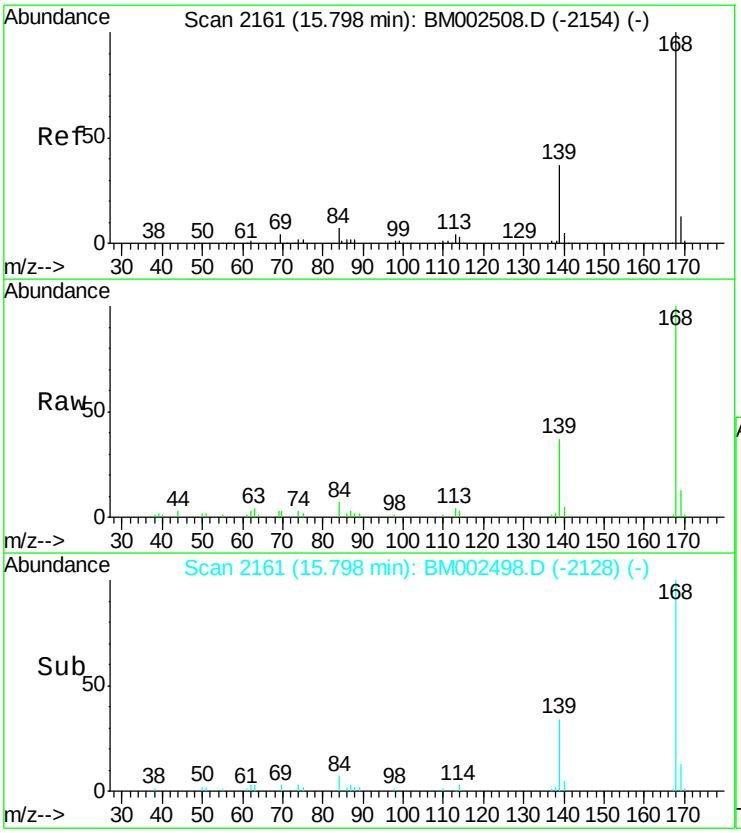
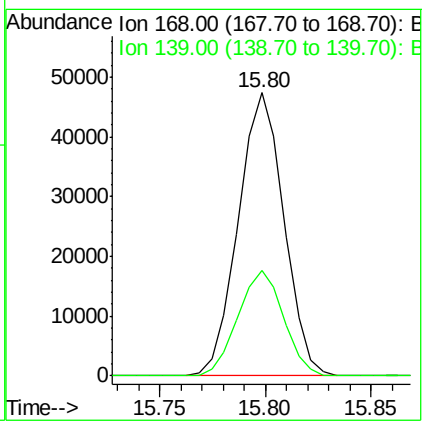


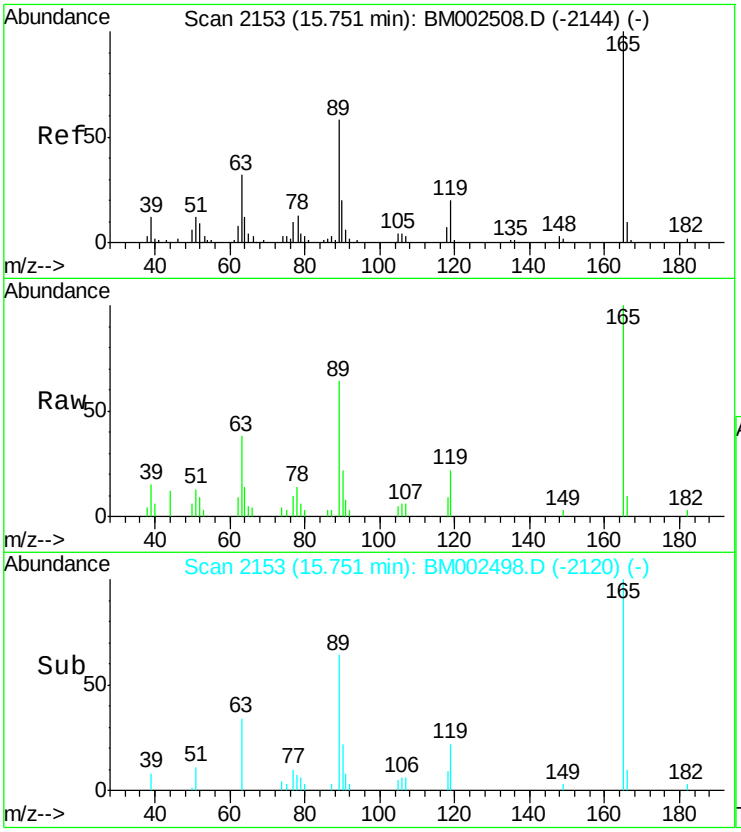


#54
Dibenzofuran
Concen: 3.00 ng/ul
RT: 15.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:168 Resp: 71096

Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.3	46.9





#55
2,4-Dinitrotoluene
Concen: 3.09 ng/ul
RT: 15.75 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:165 Resp: 16925

Ion	Ratio	Lower	Upper
165	100		
63	37.8	35.9	53.9
182	3.2	2.5	3.7

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

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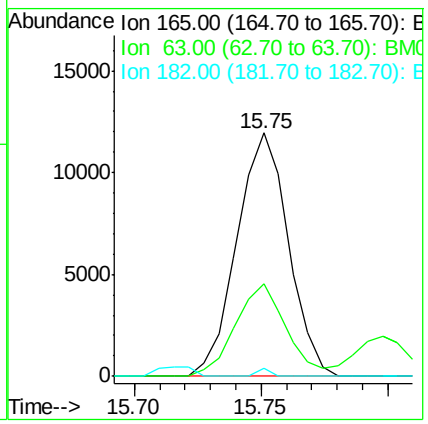
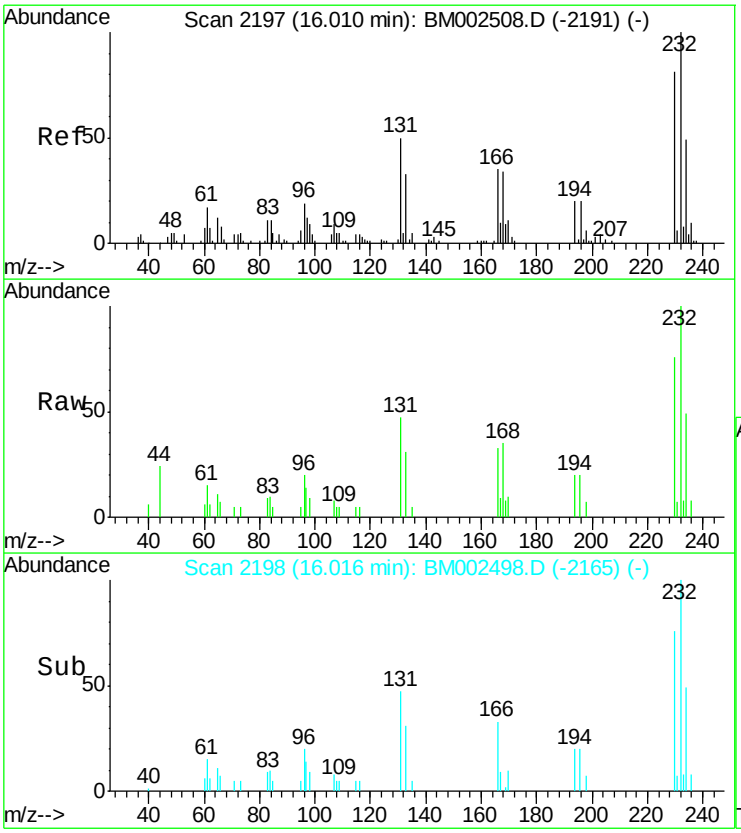
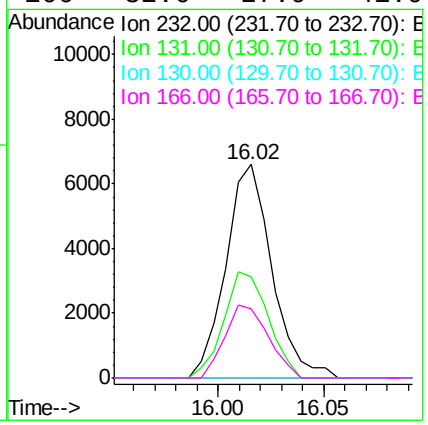


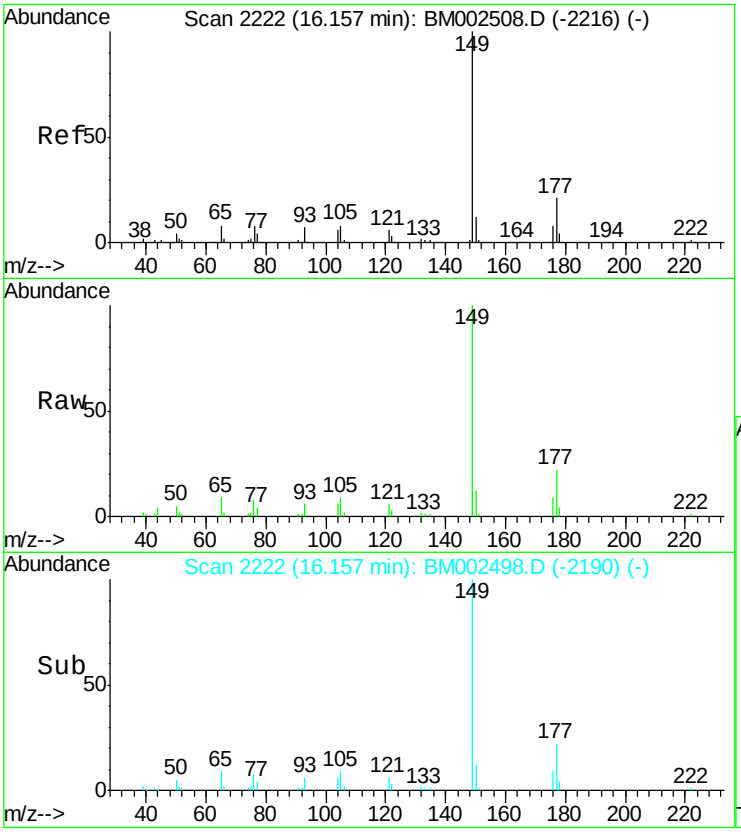


#56
2,3,4,6-Tetrachlorophenol
Concen: 2.66 ng/ul
RT: 16.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:232 Resp: 9950

Ion	Ratio	Lower	Upper
232	100		
131	47.2	42.2	63.4
130	0.0	2.2	3.4#
166	32.6	27.9	41.9

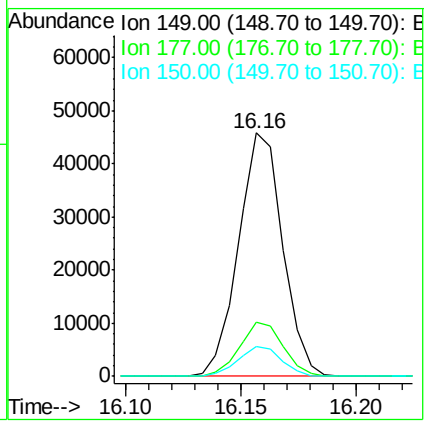




#57
Diethylphthalate
Concen: 2.77 ng/ul
RT: 16.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:149 Resp: 61159

Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.7	25.1
150	12.4	9.9	14.9



Instrument :
BNA_M
ClientSampleId :
MDL-07-W

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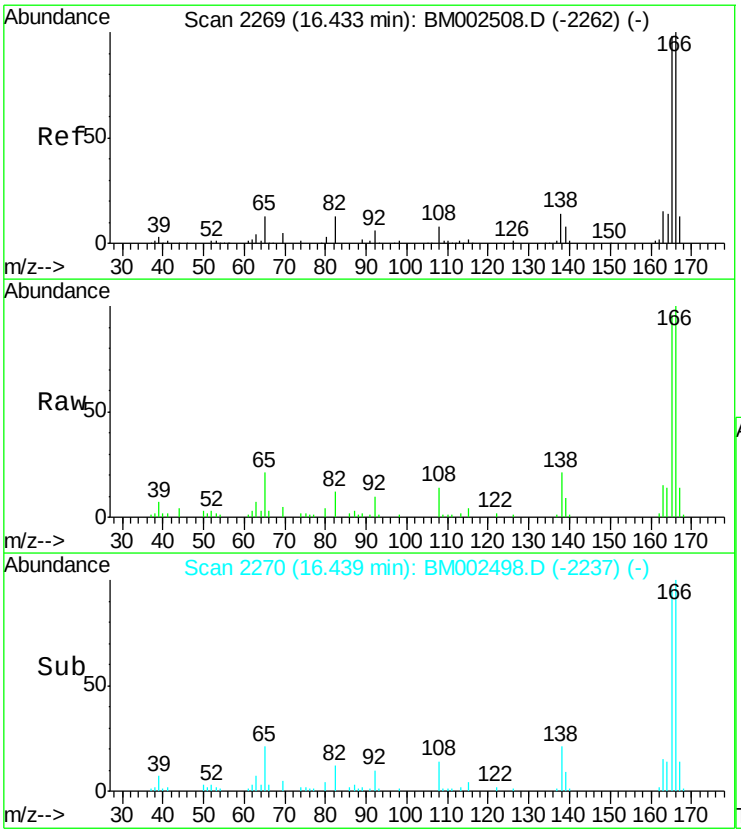
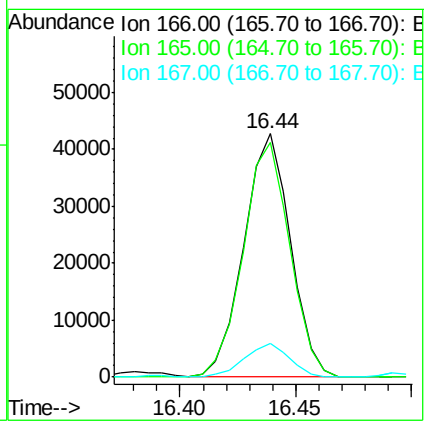
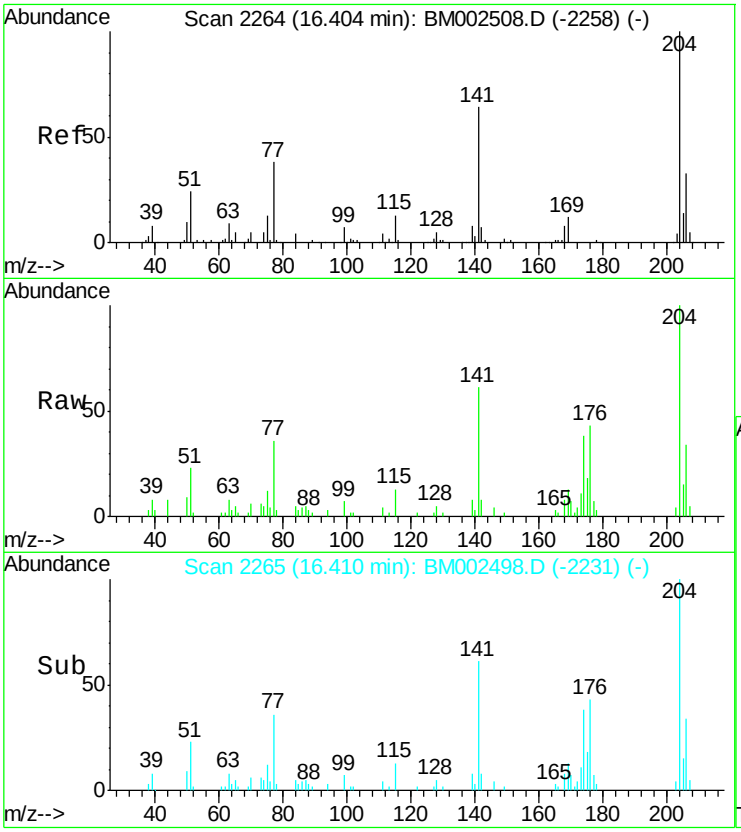


#59
Fluorene
Concen: 3.00 ng/ul
RT: 16.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:166 Resp: 59982

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.5	116.3
167	13.7	10.4	15.6





#60
4-Chlorophenyl-phenylether
Concen: 2.97 ng/ul
RT: 16.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:204 Resp: 27261

Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.0	39.0
141	61.2	53.7	80.5

Instrument :
BNA_M
ClientSampleId :
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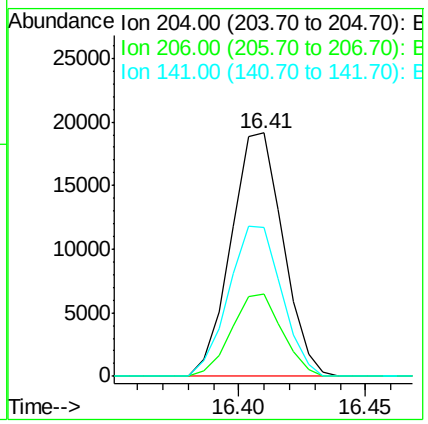
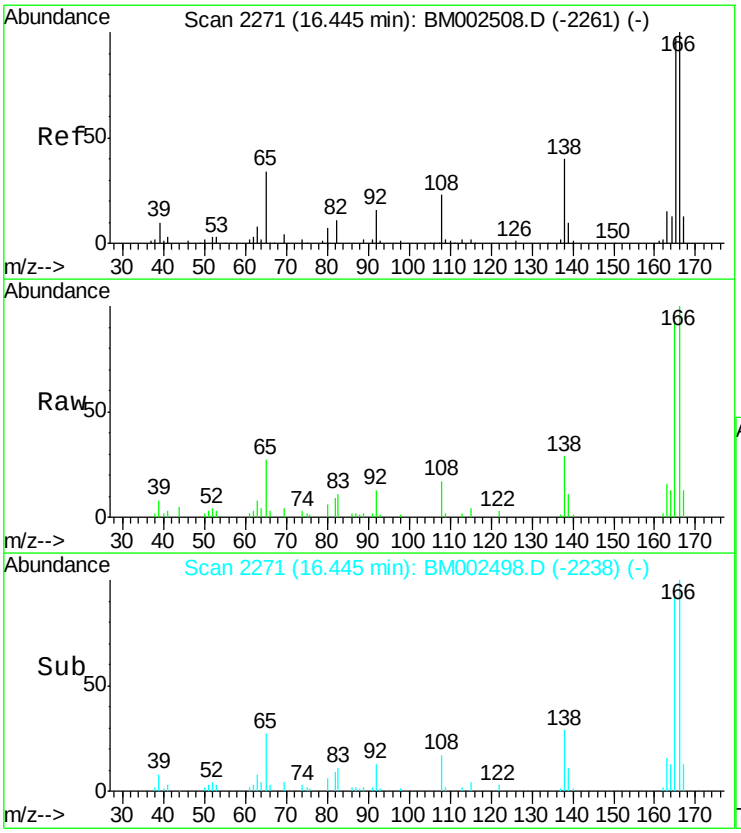
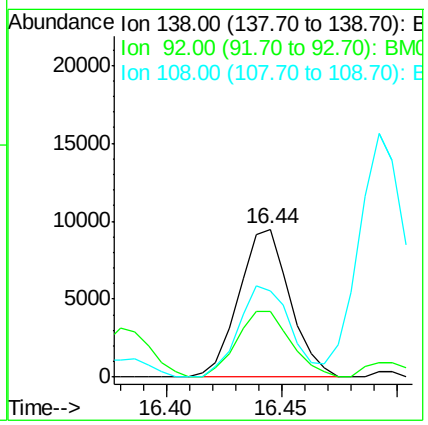


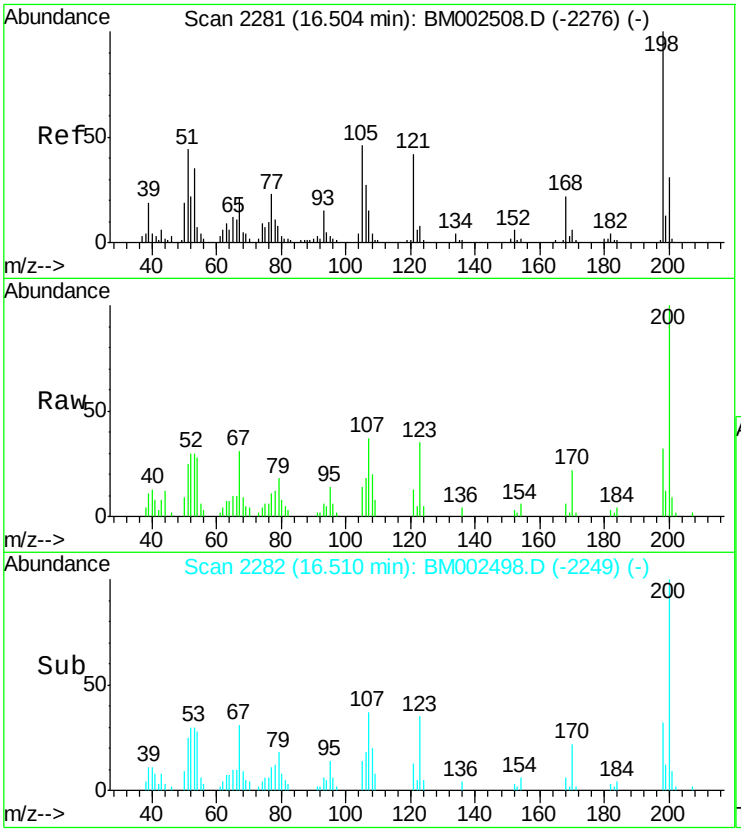


#61
4-Nitroaniline
Concen: 3.03 ng/ul
RT: 16.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:138 Resp: 14628

Ion	Ratio	Lower	Upper
138	100		
92	44.9	40.4	60.6
108	57.9	56.2	84.2





#64
4,6-Dinitro-2-methylphenol
Concen: 3.47 ng/ul
RT: 16.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:198 Resp: 8234

Ion	Ratio	Lower	Upper
198	100		
182	10.0	3.7	5.5#
77	33.4	24.2	36.4

Instrument :
BNA_M
ClientSampleId :
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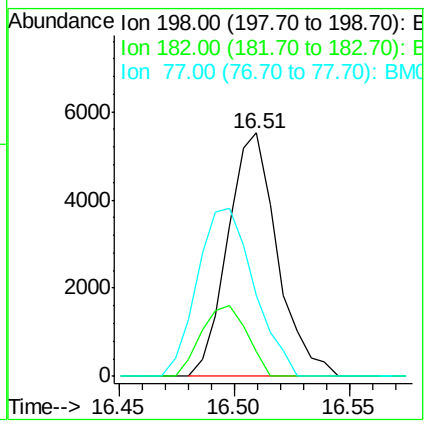
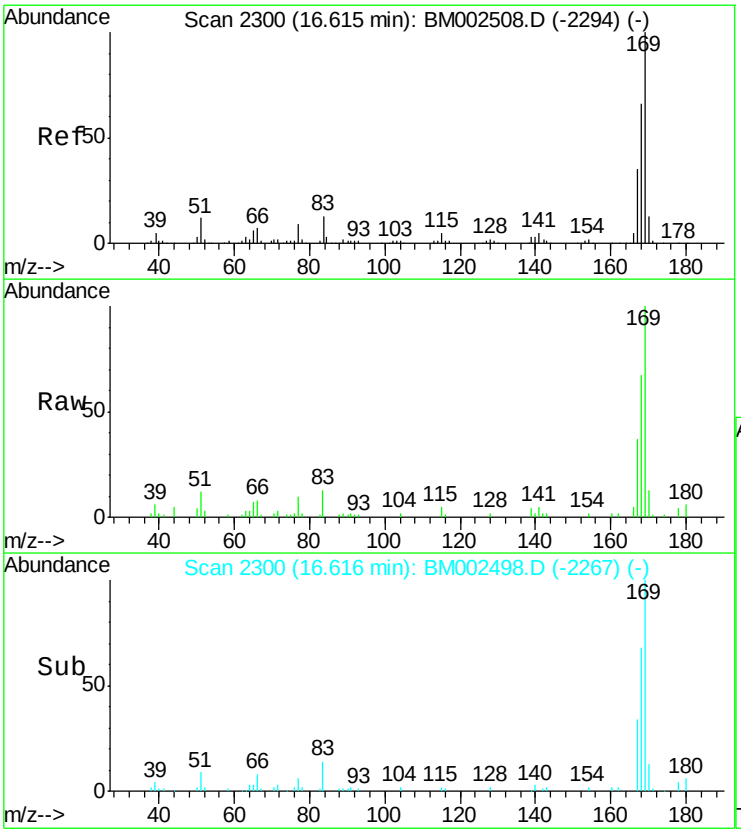
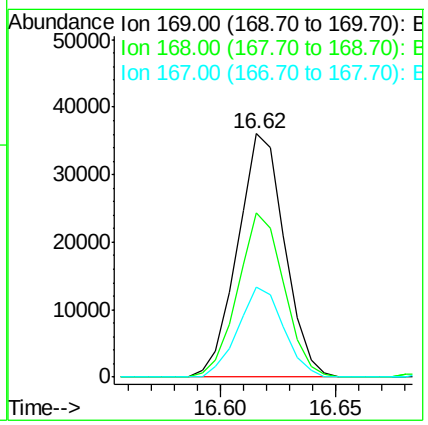


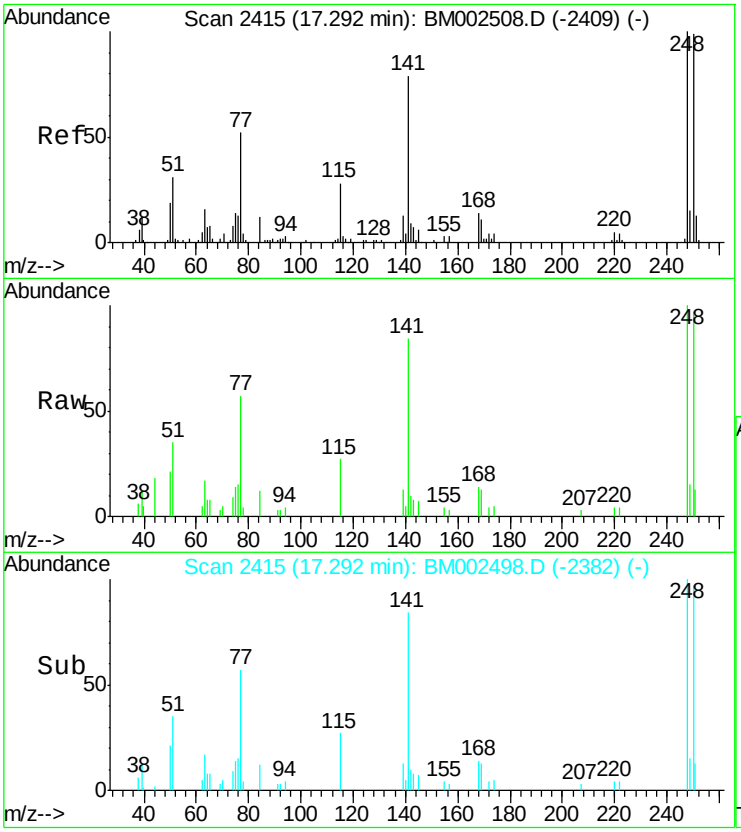


#65
N-Nitrosodiphenylamine
Concen: 2.90 ng/ul
RT: 16.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:169 Resp: 51168

Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.4	80.2
167	36.8	28.8	43.2

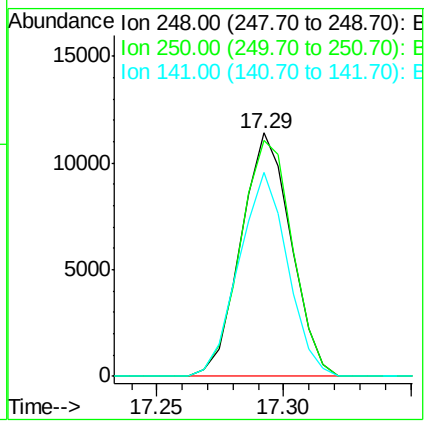




#66
4-Bromophenyl-phenylether
Concen: 2.79 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:248 Resp: 15656

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.5	117.7
141	83.7	66.2	99.4



Instrument :
BNA_M
ClientSampleId :
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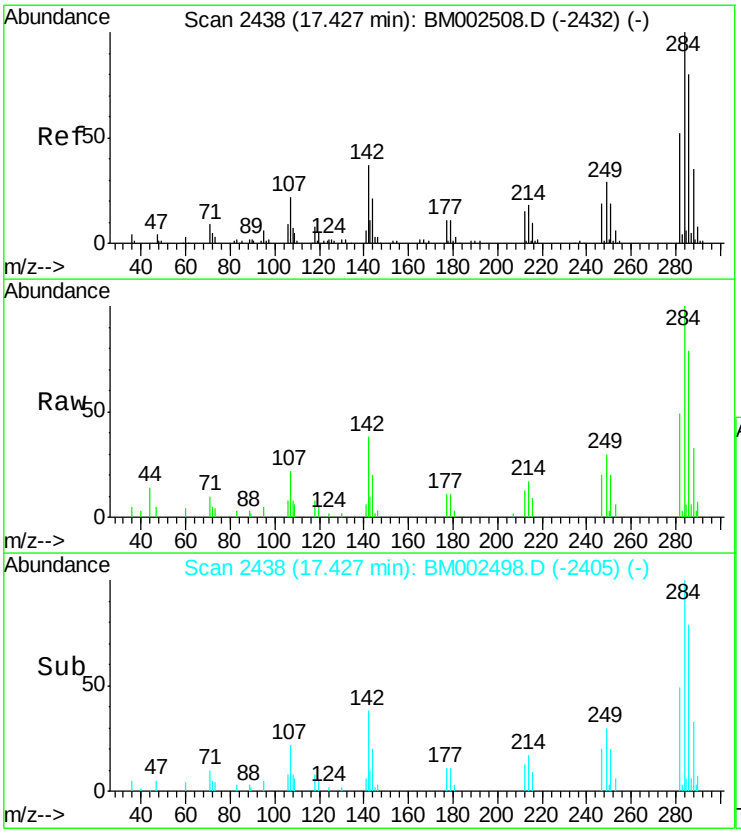
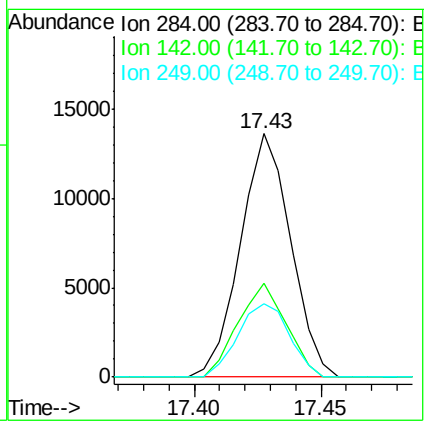
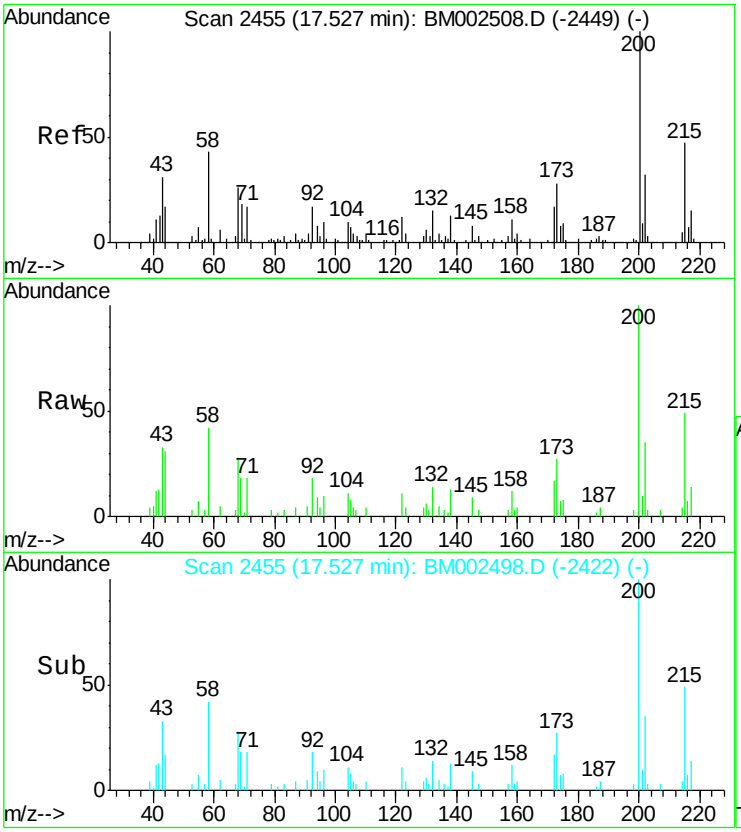


#67
Hexachlorobenzene
Concen: 2.93 ng/ul
RT: 17.43 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:284 Resp: 18761

Ion	Ratio	Lower	Upper
284	100		
142	38.3	30.2	45.4
249	30.3	24.6	36.8

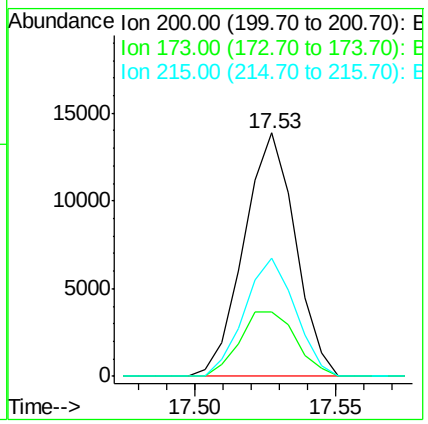




#68
Atrazine
Concen: 2.85 ng/ul
RT: 17.53 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:200 Resp: 17481

Ion	Ratio	Lower	Upper
200	100		
173	26.6	22.4	33.6
215	48.6	38.5	57.7



Instrument :
BNA_M
ClientSampleId :
MDL-07-W

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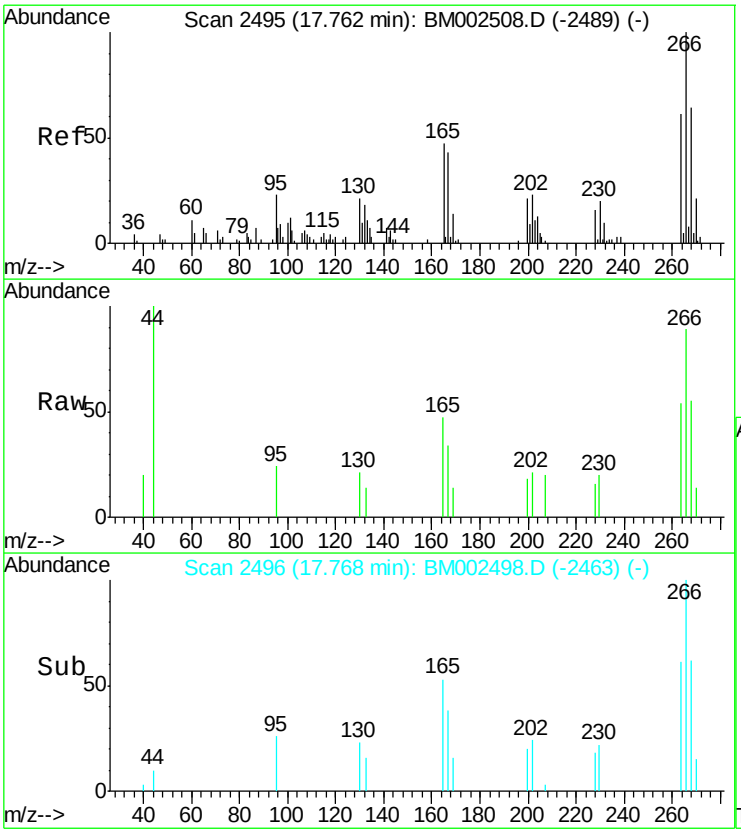
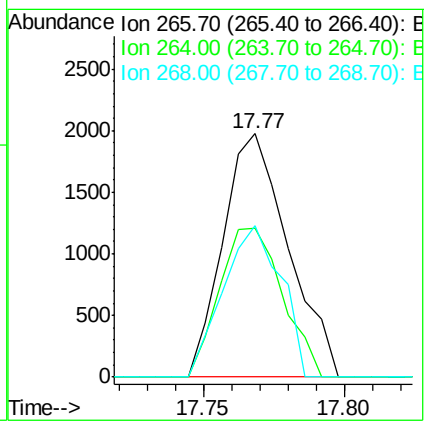
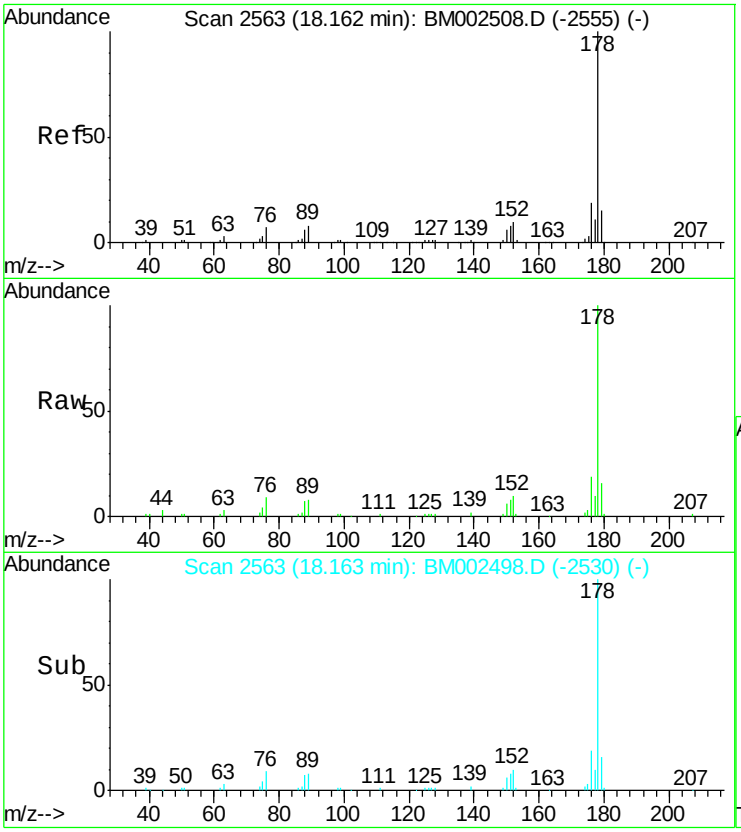


#69
Pentachlorophenol
Concen: 1.01 ng/ul
RT: 17.77 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:266 Resp: 3166

Ion	Ratio	Lower	Upper
266	100		
264	61.0	50.3	75.5
268	62.0	51.0	76.4

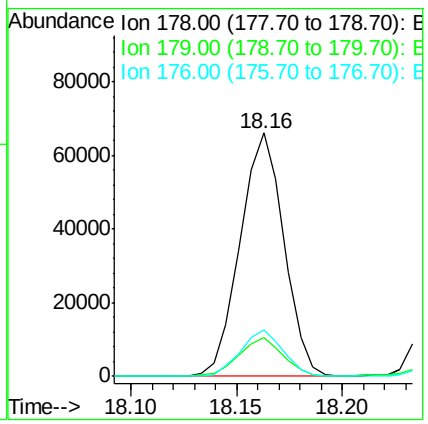




#70
Phenanthrene
Concen: 3.08 ng/ul
RT: 18.16 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:178 Resp: 95378

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.0	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
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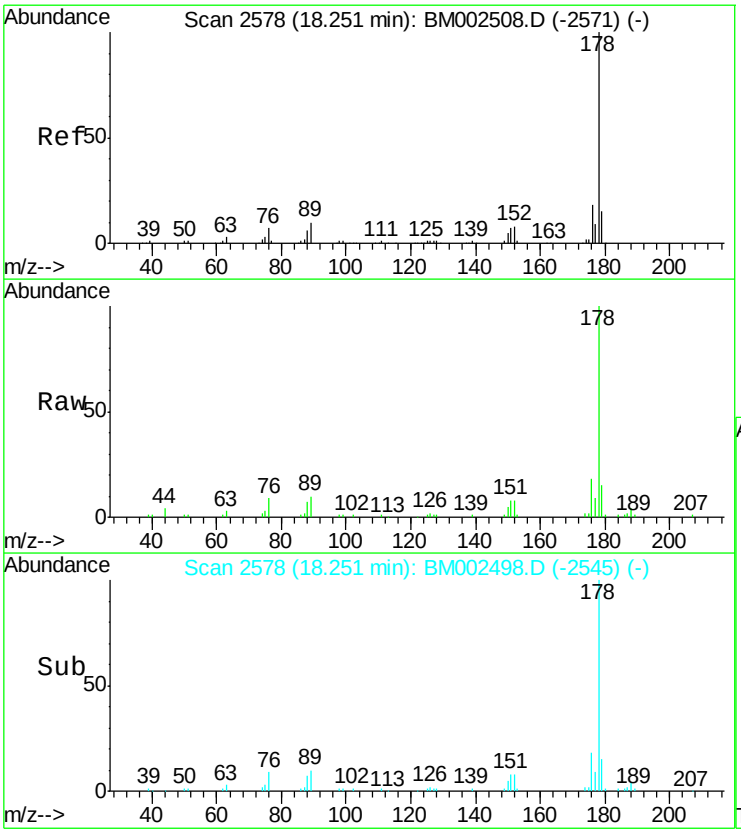
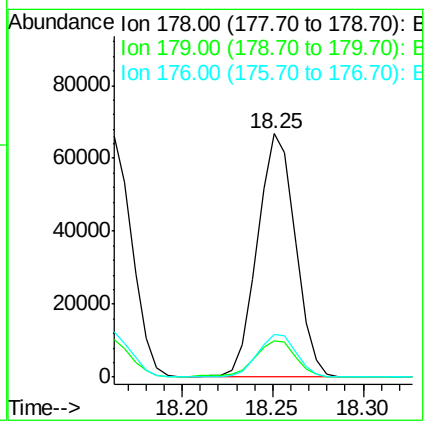
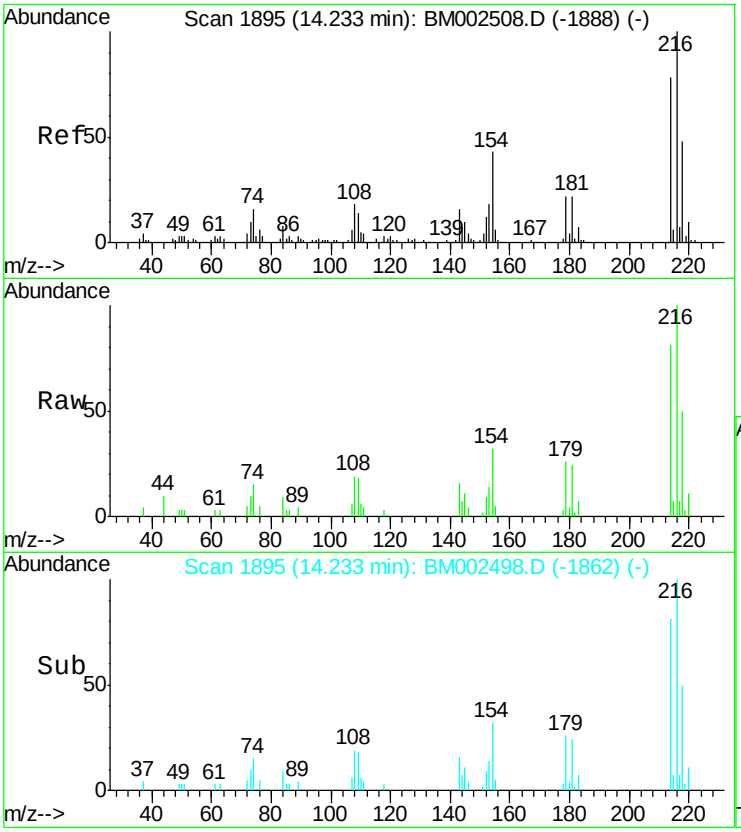


#72
Anthracene
Concen: 3.04 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:178 Resp: 97203

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	17.6	14.5	21.7





#73
1,2,3,4-Tetrachlorobenzene
Concen: 2.64 ng/uL
RT: 14.23 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:216 Resp: 19292

Ion	Ratio	Lower	Upper
216	100		
214	81.3	63.4	95.0
218	50.0	38.9	58.3

Instrument :
BNA_M
ClientSampleId :
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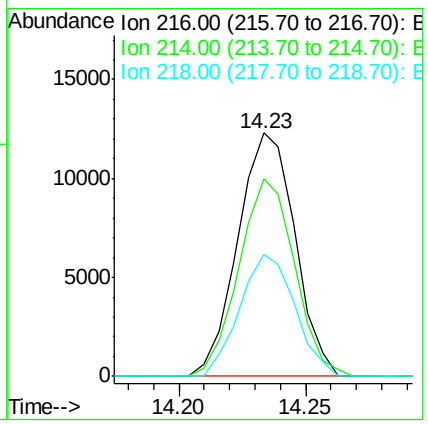
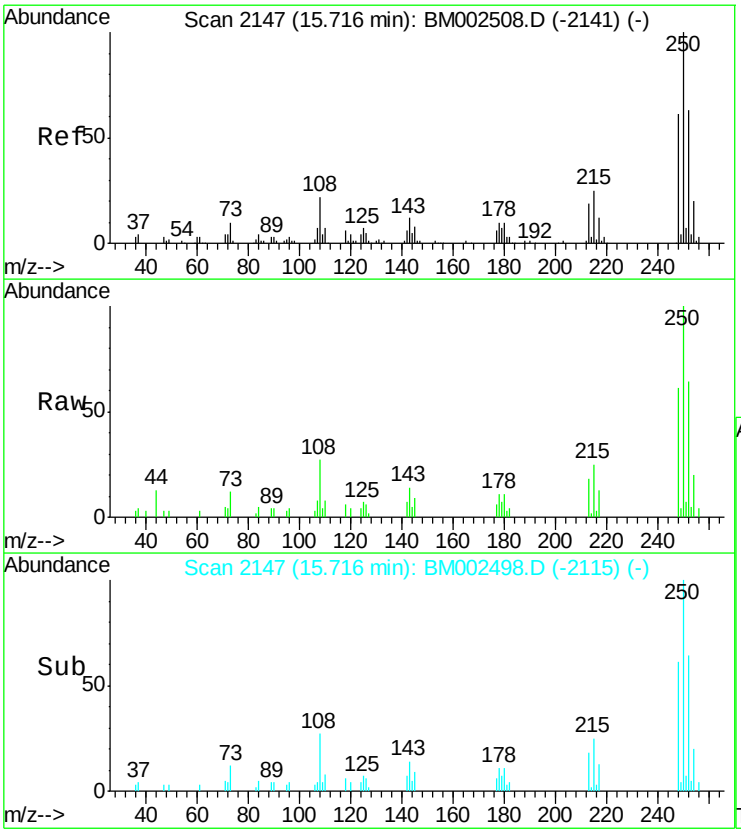
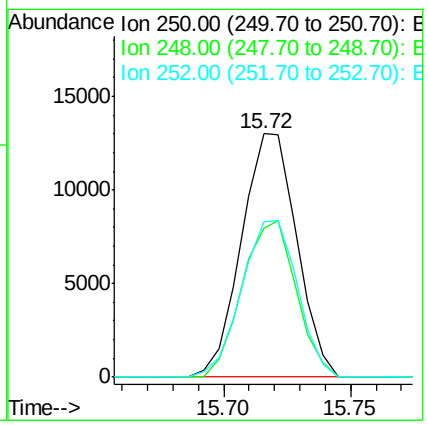


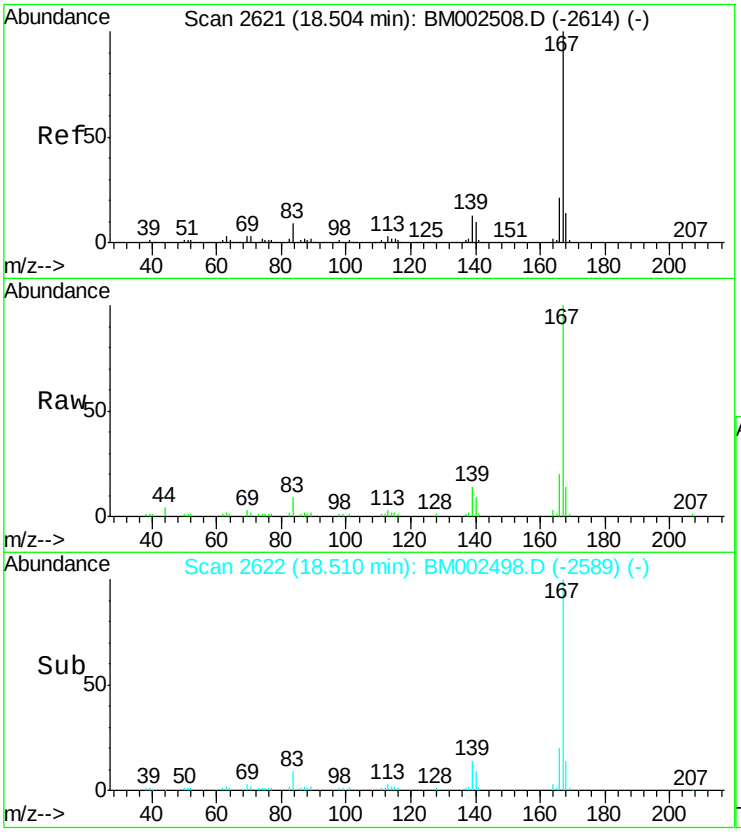


#74
Pentachlorobenzene
Concen: 2.80 ng/uL
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:250 Resp: 19829

Ion	Ratio	Lower	Upper
250	100		
248	60.9	51.0	76.6
252	63.9	50.1	75.1

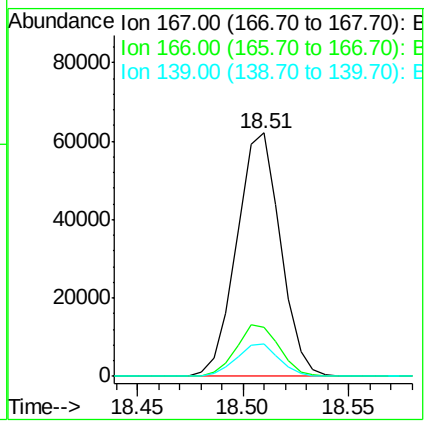




#75
Carbazole
Concen: 3.08 ng/ul
RT: 18.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:167 Resp: 89176

Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.0	25.6
139	13.6	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
MDL-07-W

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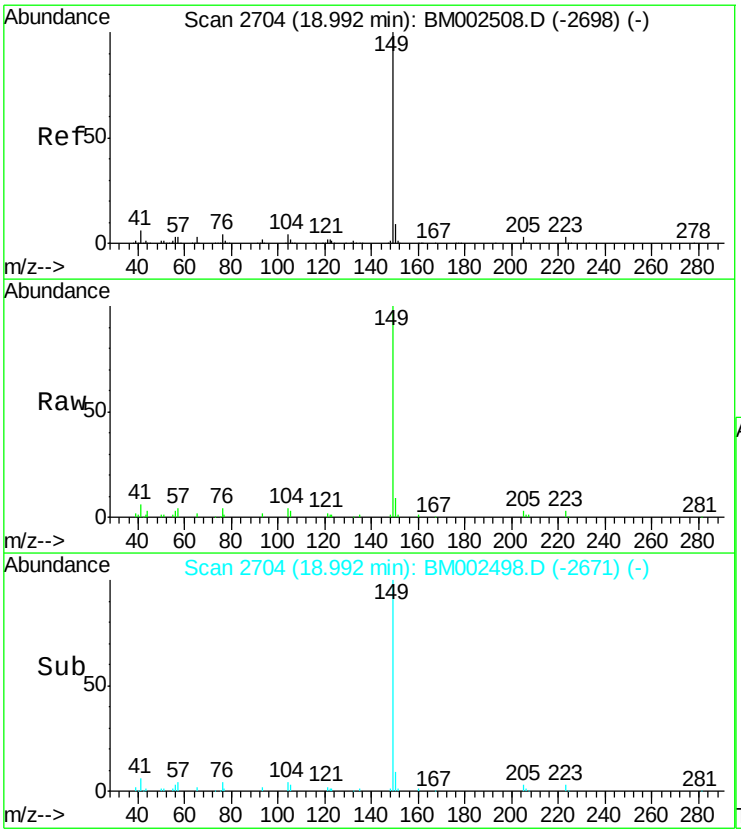
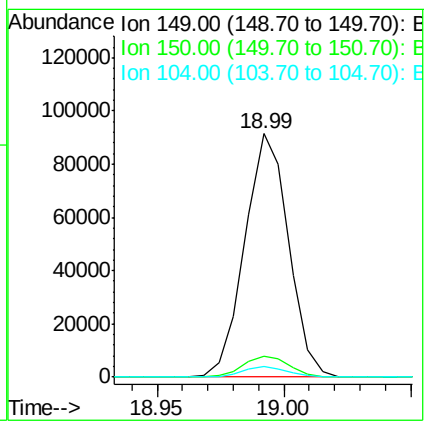
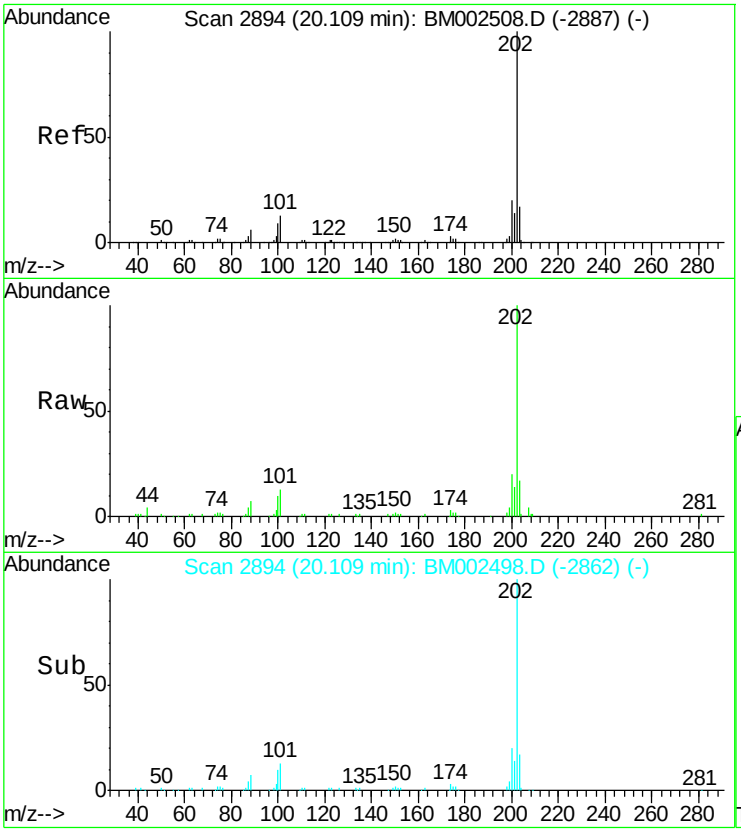


#76
Di-n-butylphthalate
Concen: 2.84 ng/ul
RT: 18.99 min Scan# 2704
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:149 Resp: 110243

Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.3	10.9
104	4.3	3.8	5.6

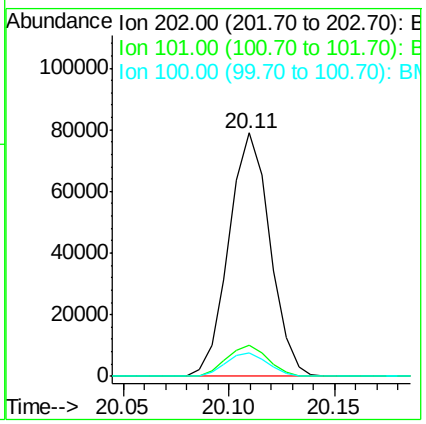




#77
Fluoranthene
Concen: 3.26 ng/ul
RT: 20.11 min Scan# 2894
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:202 Resp: 106587

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.6	15.8
100	9.5	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
MDL-07-W

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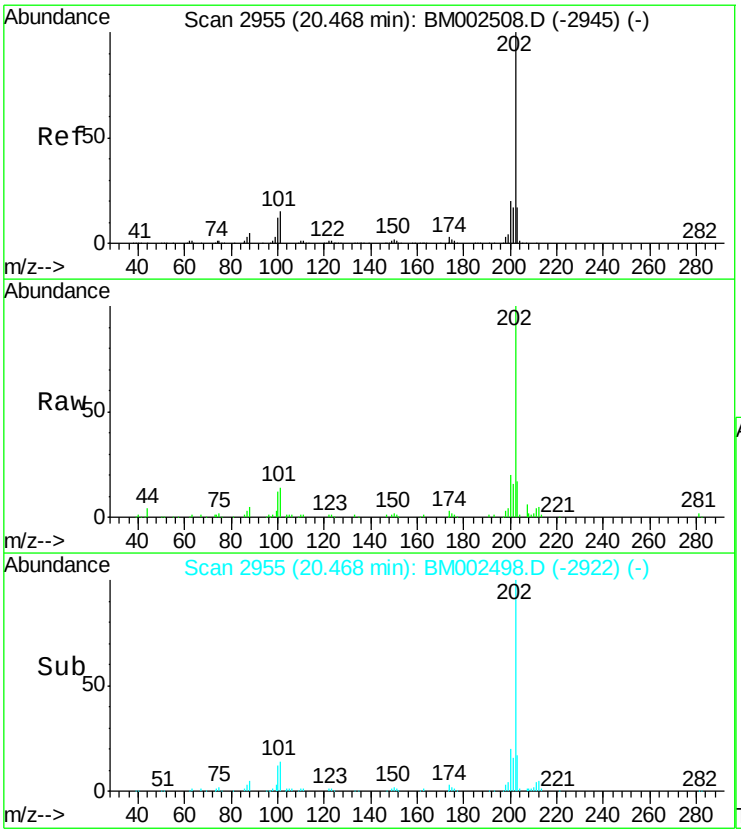
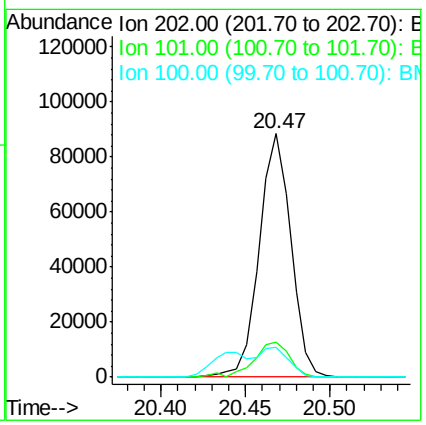
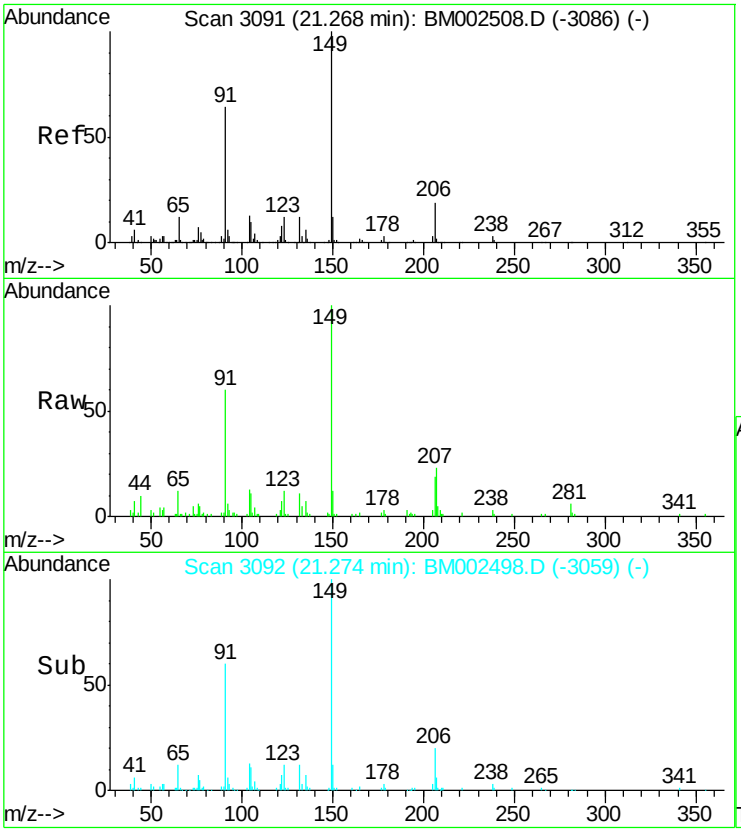


#80
Pyrene
Concen: 2.98 ng/ul
RT: 20.47 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:202 Resp: 115255

Ion	Ratio	Lower	Upper
202	100		
101	14.4	13.0	19.6
100	12.1	11.0	16.4

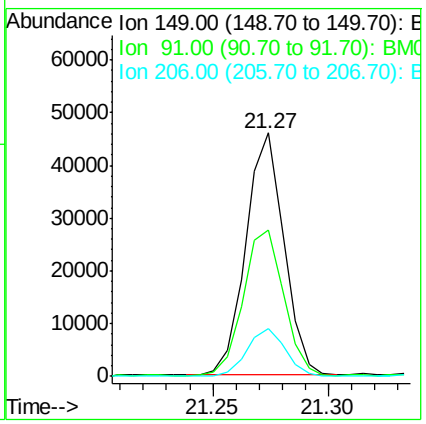




#81
Butylbenzylphthalate
Concen: 2.77 ng/ul
RT: 21.27 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:149 Resp: 52920

Ion	Ratio	Lower	Upper
149	100		
91	59.8	57.5	86.3
206	19.4	15.2	22.8



Instrument :
BNA_M
ClientSampleId :
MDL-07-W

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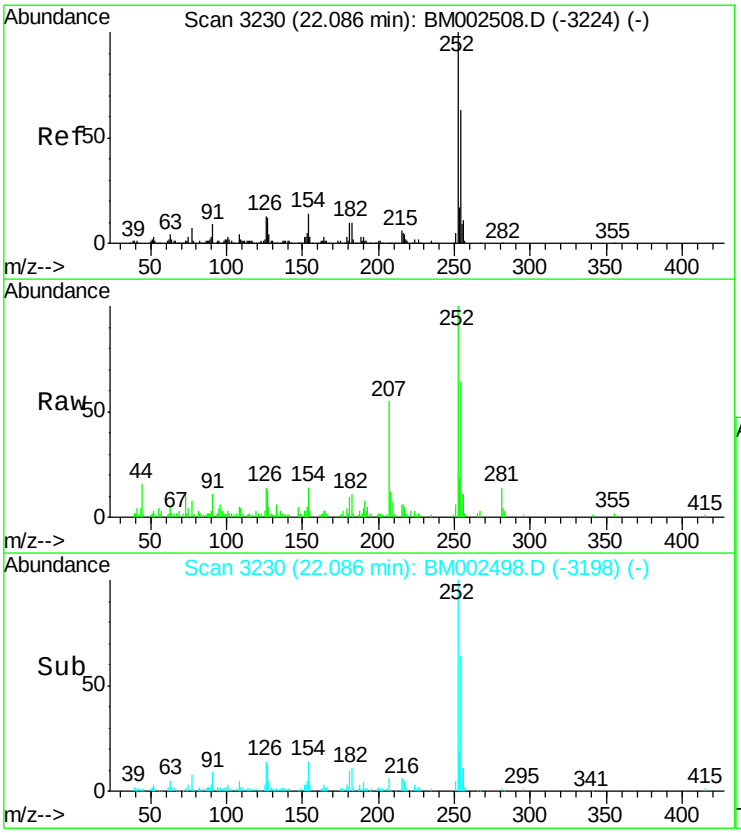
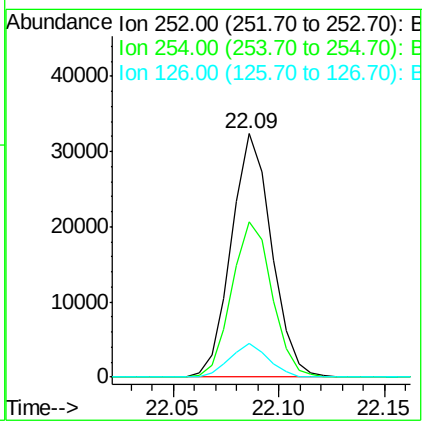
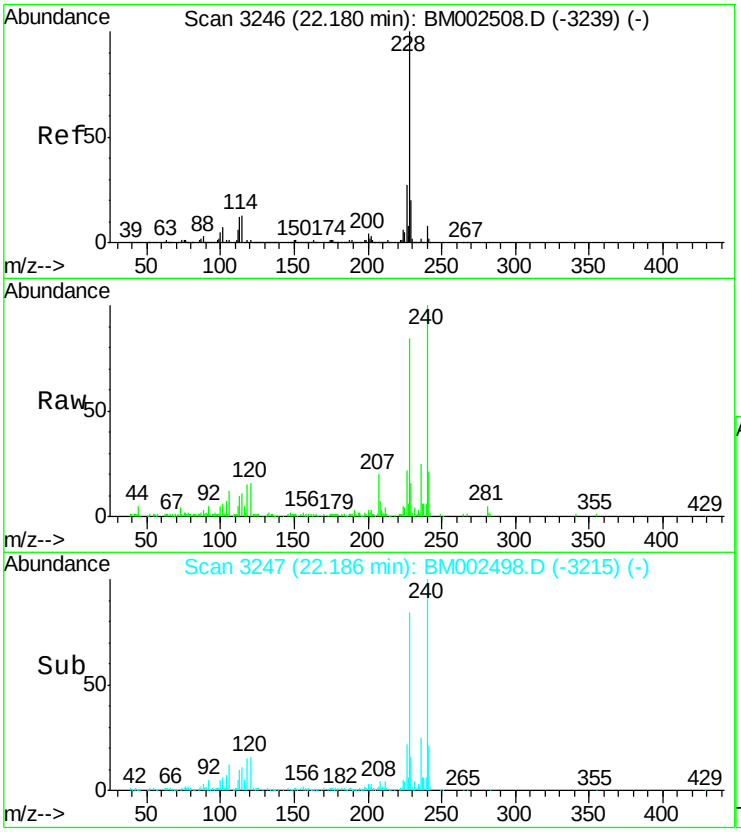


#82
3,3'-Dichlorobenzidine
Concen: 3.73 ng/ul
RT: 22.09 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:252 Resp: 42912

Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.5	78.7
126	14.1	11.8	17.8





#83
Benzo(a)anthracene
Concen: 3.07 ng/ul
RT: 22.19 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:228 Resp: 112344

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.7	23.5
226	25.8	21.4	32.0

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

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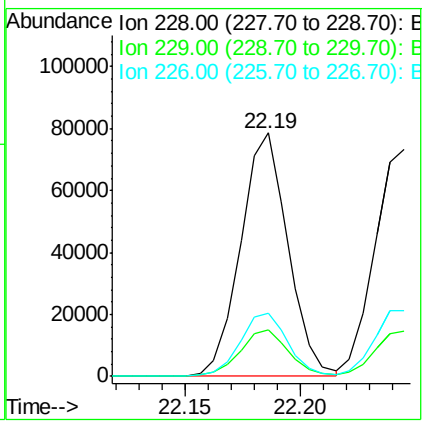
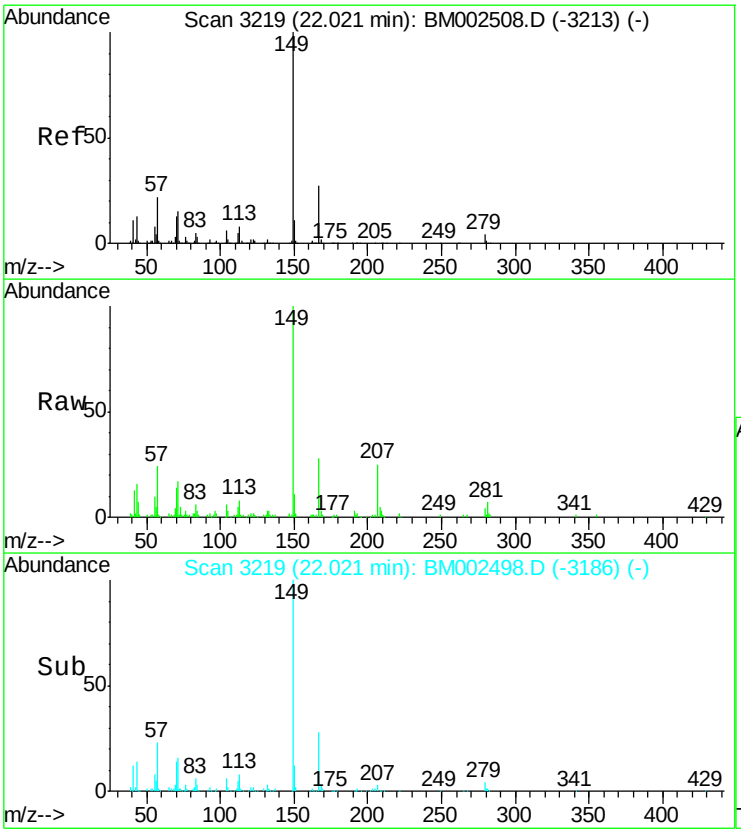
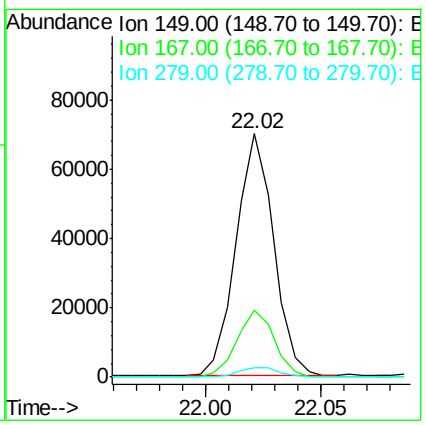


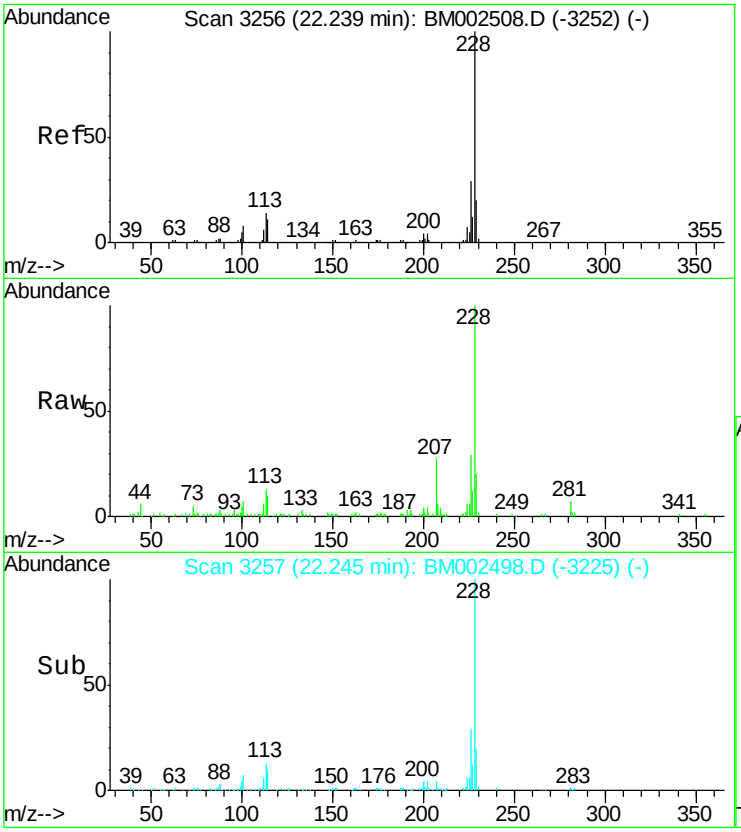


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.85 ng/ul
RT: 22.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:149 Resp: 78920

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.4	32.2
279	4.0	3.2	4.8





#85
Chrysene
Concen: 3.02 ng/ul
RT: 22.24 min Scan# 3257
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:228 Resp: 104488

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.0
229	19.9	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
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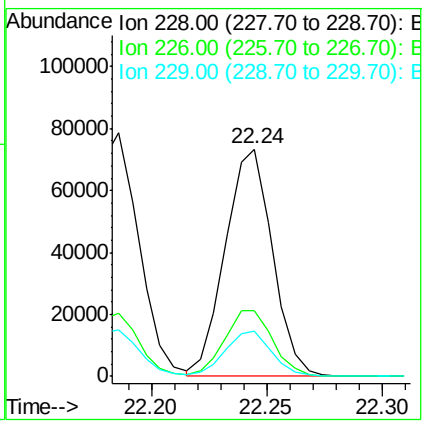
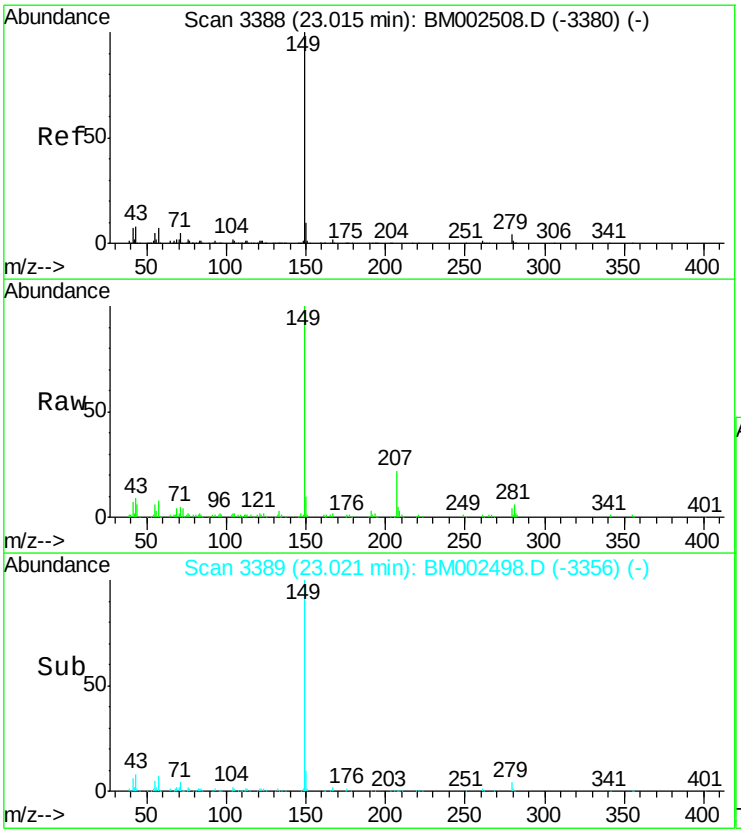
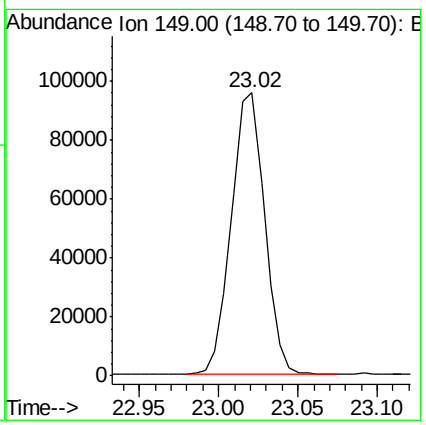
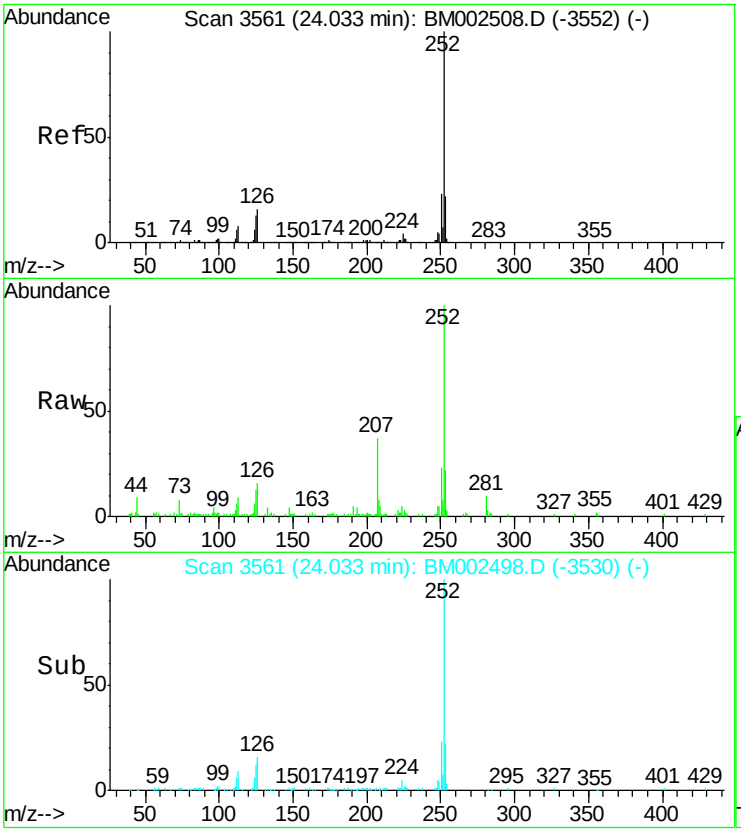




#87
Di-n-octyl phthalate
Concen: 2.88 ng/ul
RT: 23.02 min Scan# 3389
Delta R.T. -0.01 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:149 Resp: 138986

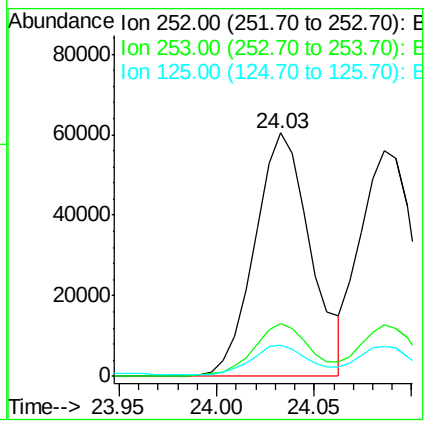




#88
Benzo(b)fluoranthene
Concen: 3.05 ng/ul
RT: 24.03 min Scan# 3561
Delta R.T. -0.02 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:252 Resp: 119749

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.9	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
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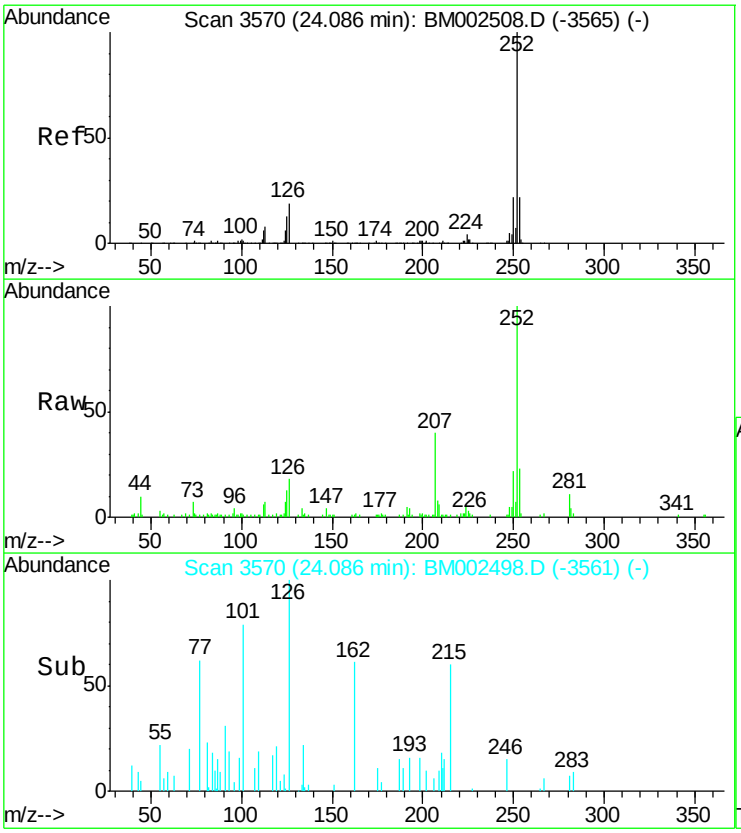
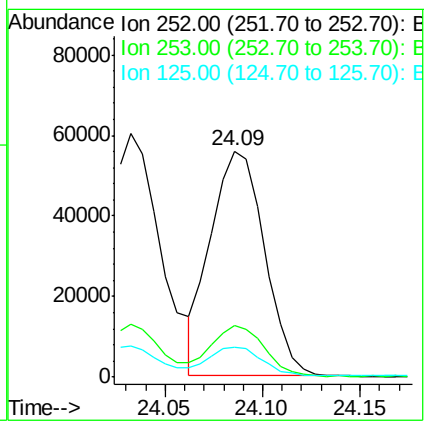
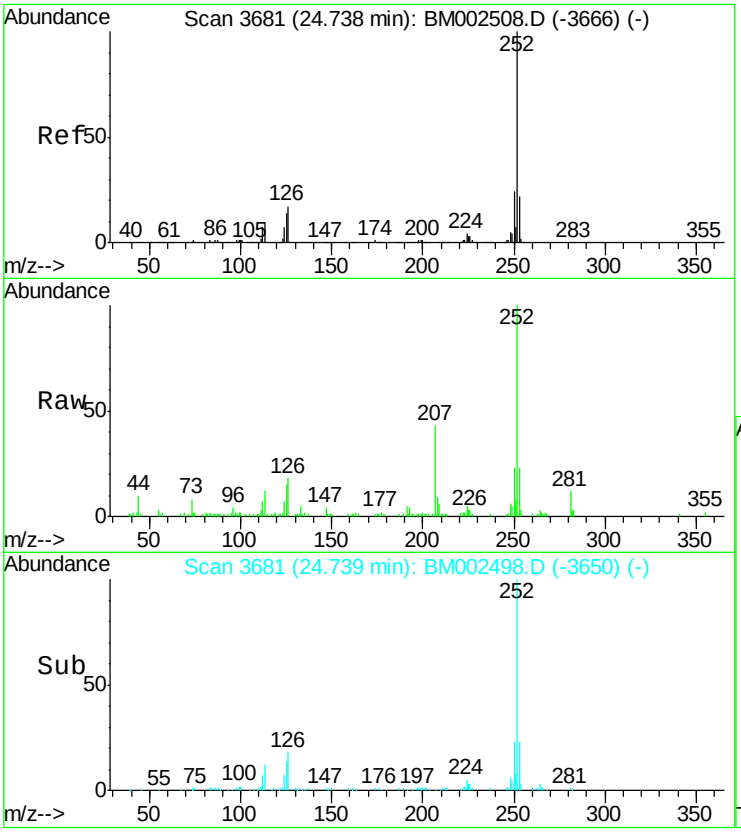


#89
Benzo(k)fluoranthene
Concen: 2.84 ng/ul
RT: 24.09 min Scan# 3570
Delta R.T. -0.02 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:252 Resp: 107124

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	13.5	10.2	15.4

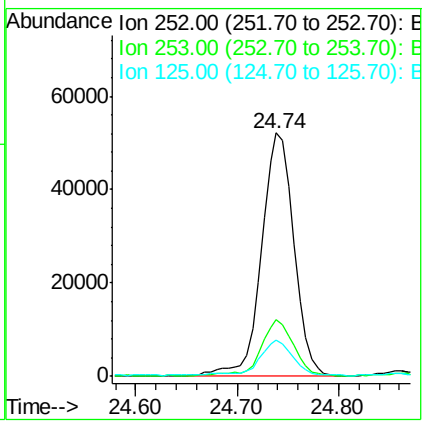




#91
Benzo(a)pyrene
Concen: 3.10 ng/ul
RT: 24.74 min Scan# 3681
Delta R.T. -0.02 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:252 Resp: 116319

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	14.6	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
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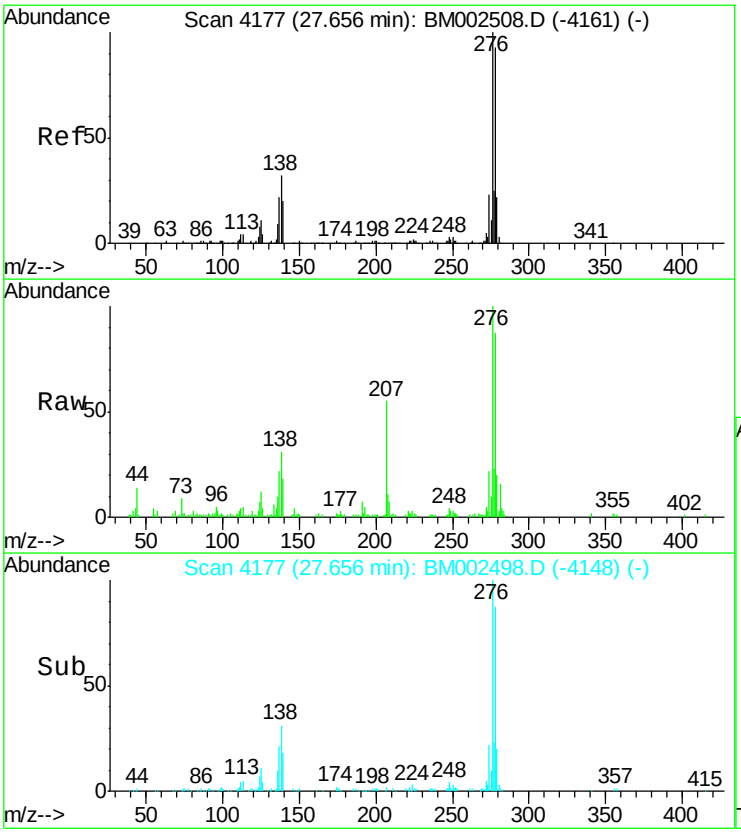
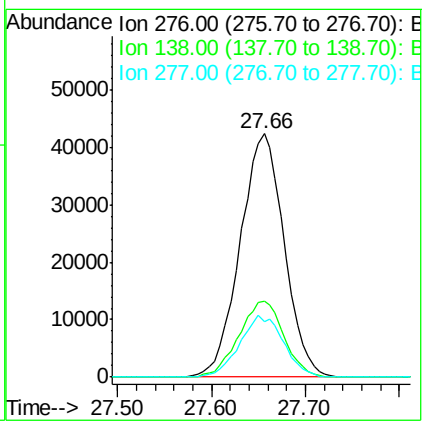
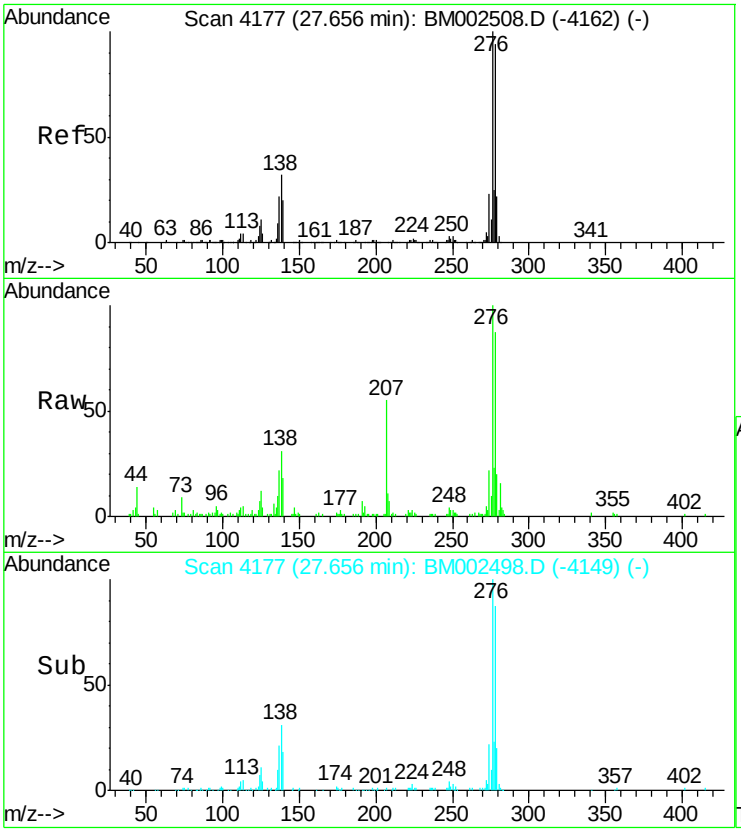


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.20 ng/ul
RT: 27.66 min Scan# 4177
Delta R.T. -0.03 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:276 Resp: 137598

Ion	Ratio	Lower	Upper
276	100		
138	31.2	25.6	38.4
277	22.7	21.0	31.4

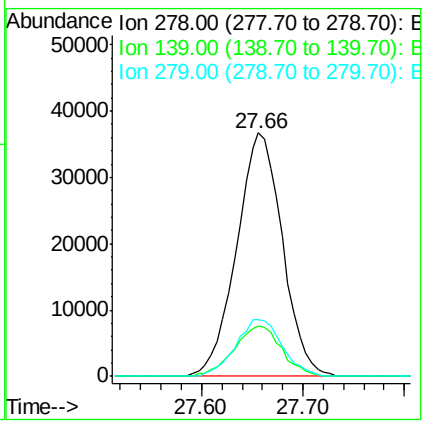




#93
Dibenzo(a,h)anthracene
Concen: 3.16 ng/ul
RT: 27.66 min Scan# 4177
Delta R.T. -0.04 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:278 Resp: 115254

Ion	Ratio	Lower	Upper
278	100		
139	20.8	16.4	24.6
279	23.3	18.8	28.2



Instrument :
BNA_M
ClientSampleId :
MDL-07-W

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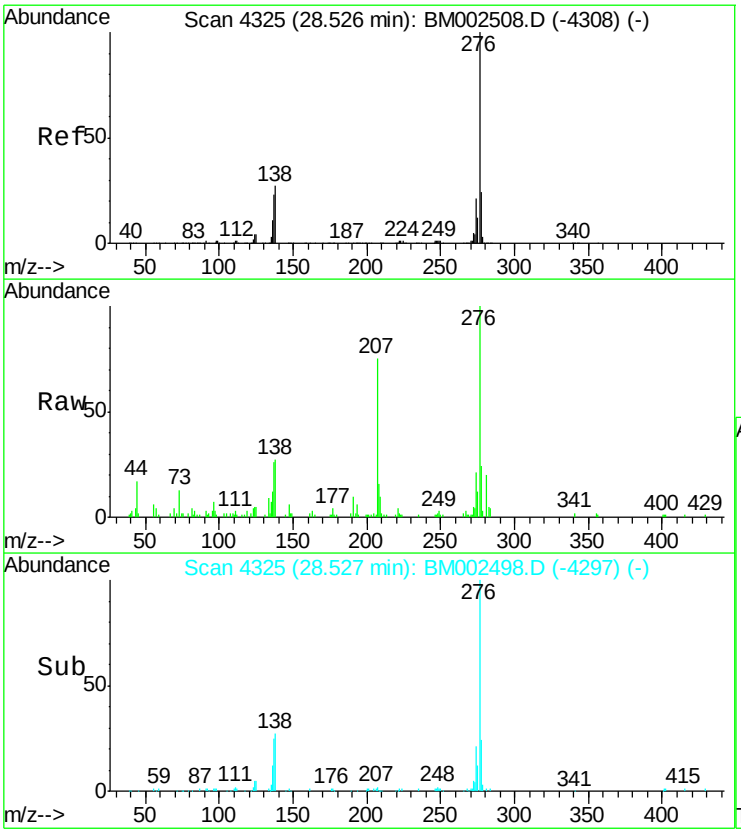

#94
Benzo(g,h,i)perylene
Concen: 3.16 ng/ul
RT: 28.53 min Scan# 4325
Delta R.T. -0.04 min
Lab File: BM002498.D
Acq: 19 Aug 2015 19:28

Tgt Ion:276 Resp: 114735

Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.5	30.7
277	24.1	19.0	28.6