Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002501.D
Acq On : 19 Aug 2015 21:18
Operator : UM/IZ
Sample : MDL-01-S
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-01-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:24 PM

Quant Time: Aug 20 04:09:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	102448	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	503479	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	292259	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	644188	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	702768	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	720806	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	10830	4.88	ng/uL	0.00
5) Phenol-d5	7.93	99	238346	25.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	135702	24.80	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	211460	27.61	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	213560	26.90	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	111096	29.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	121571	36.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	201026	27.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	324101	33.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	705162	29.31	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	863706	28.53	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	130897	30.14	ng/ul	0.00
58) Fluorene-d10	16.38	176	589414	27.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	95092	37.56	ng/ul	0.00
71) Anthracene-d10	18.22	188	926274	29.63	ng/ul	0.00
79) Pyrene-d10	20.44	212	982059	28.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1146402	29.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1034	0.41	ng/uL#	8
4) Benzaldehyde	7.93	77	12967	2.37	ng/ul	96
6) Phenol	7.96	94	20326	2.14	ng/ul	92
8) Bis(2-Chloroethyl)ether	8.20	93	16922	2.31	ng/ul	94
10) 2-Chlorophenol	8.37	128	17662	2.26	ng/ul	91
11) 2-Methylphenol	9.25	108	15871	2.11	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	9.35	45	22343	1.71	ng/ul#	94
14) Acetophenone	9.66	105	27700	2.34	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.63	70	13392	2.11	ng/ul	94
16) 4-Methylphenol	9.58	108	17596	2.14	ng/ul	100
17) Hexachloroethane	9.93	117	6024	1.95	ng/ul	96
20) Nitrobenzene	10.06	77	18485	2.11	ng/ul#	87
21) Isophorone	10.58	82	38041	2.18	ng/ul	96
23) 2-Nitrophenol	10.78	139	10911	2.87	ng/ul#	87
24) 2,4-Dimethylphenol	10.81	107	19750	2.12	ng/ul	98
25) Bis(2-Chloroethoxy)methane	11.05	93	23497	2.17	ng/ul	99
27) 2,4-Dichlorophenol	11.32	162	16572	2.36	ng/ul#	86
28) Naphthalene	11.75	128	60552	2.28	ng/ul	98
30) 4-Chloroaniline	11.83	127	27566	2.86	ng/ul	99
31) Hexachlorobutadiene	11.99	225	9317	2.29	ng/ul	96
32) Caprolactam	12.58	113	6324m	2.18	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	18686	2.12	ng/ul	92
34) 2-Methylnaphthalene	13.29	142	44735	2.36	ng/ul	98

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Misc :
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Instrument :
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Quant Time: Aug 20 04:09:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	19548	2.33 ng/ul	95
38) Hexachlorocyclopentadiene	13.60	237	3349	0.67 ng/ul	98
39) 2,4,6-Trichlorophenol	13.87	196	12481	2.39 ng/ul	94
40) 2,4,5-Trichlorophenol	13.94	196	13477	2.30 ng/ul	95
41) 1,1'-Biphenyl	14.25	154	58211	2.36 ng/ul	98
42) 2-Chloronaphthalene	14.31	162	43484	2.32 ng/ul	96
43) 2-Nitroaniline	14.50	65	11632	2.04 ng/ul	86
45) Dimethylphthalate	14.83	163	59149	2.41 ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	11249	2.45 ng/ul	89
48) Acenaphthylene	15.14	152	75335	2.40 ng/ul	99
49) 3-Nitroaniline	15.30	138	13324	2.68 ng/ul#	89
50) Acenaphthene	15.47	153	49336	2.33 ng/ul	99
51) 2,4-Dinitrophenol	15.52	184	2076	1.31 ng/ul#	1
53) 4-Nitrophenol	15.58	109	6747	2.12 ng/ul#	79
54) Dibenzofuran	15.80	168	68735	2.44 ng/ul	98
55) 2,4-Dinitrotoluene	15.75	165	16872	2.59 ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	16.01	232	9359	2.10 ng/ul#	97
57) Diethylphthalate	16.16	149	60382	2.30 ng/ul	98
59) Fluorene	16.43	166	58240	2.45 ng/ul	97
60) 4-Chlorophenyl-phenylether	16.40	204	26440	2.42 ng/ul	95
61) 4-Nitroaniline	16.44	138	14875	2.59 ng/ul	89
64) 4,6-Dinitro-2-methylphenol	16.50	198	8109	2.85 ng/ul#	70
65) N-Nitrosodiphenylamine	16.62	169	50232	2.38 ng/ul	98
66) 4-Bromophenyl-phenylether	17.29	248	15567	2.31 ng/ul	95
67) Hexachlorobenzene	17.43	284	18381	2.40 ng/ul	95
68) Atrazine	17.53	200	17202	2.34 ng/ul	97
69) Pentachlorophenol	17.77	266	3143	0.84 ng/ul	95
70) Phenanthrene	18.16	178	93482	2.52 ng/ul	100
72) Anthracene	18.25	178	94991	2.48 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	18717	2.14 ng/uL	95
74) Pentachlorobenzene	15.72	250	19432	2.29 ng/uL	99
75) Carbazole	18.50	167	87398	2.52 ng/ul	99
76) Di-n-butylphthalate	18.99	149	109146	2.35 ng/ul	99
77) Fluoranthene	20.11	202	105220	2.68 ng/ul	97
80) Pyrene	20.47	202	111612	2.46 ng/ul	96
81) Butylbenzylphthalate	21.27	149	51677	2.30 ng/ul	88
82) 3,3'-Dichlorobenzidine	22.09	252	40721	3.02 ng/ul	98
83) Benzo(a)anthracene	22.19	228	108354	2.53 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	76757	2.36 ng/ul	99
85) Chrysene	22.24	228	101690	2.50 ng/ul	100
87) Di-n-octyl phthalate	23.01	149	131674	2.39 ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	109614	2.45 ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	105294	2.45 ng/ul	99
91) Benzo(a)pyrene	24.74	252	108714	2.54 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	27.65	276	123586	2.52 ng/ul	99
93) Dibenzo(a,h)anthracene	27.66	278	103857	2.49 ng/ul	97
94) Benzo(g,h,i)perylene	28.52	276	102326	2.47 ng/ul	97

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

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Misc :
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
MDL-01-S

Manual Integrations APPROVED
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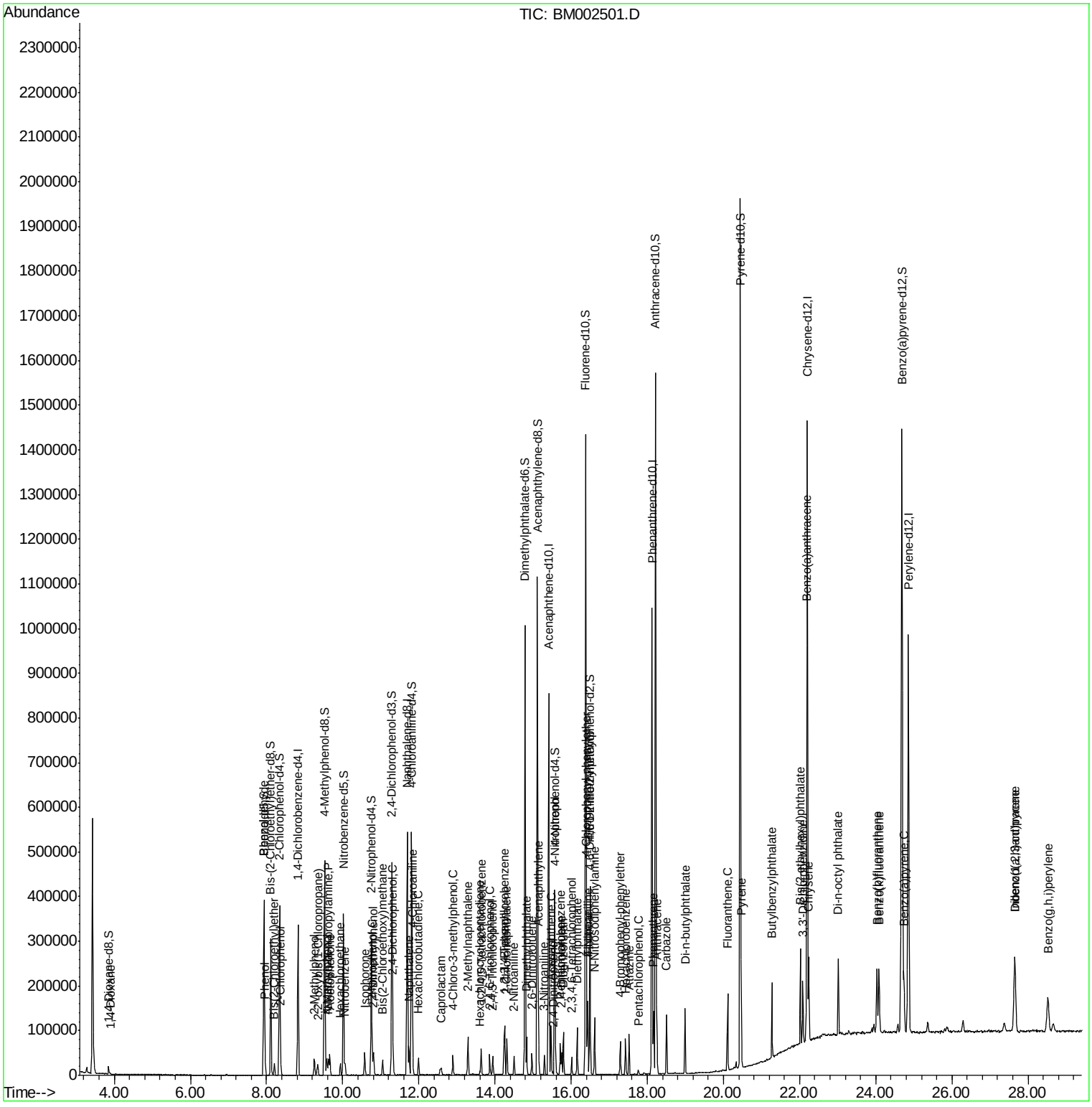
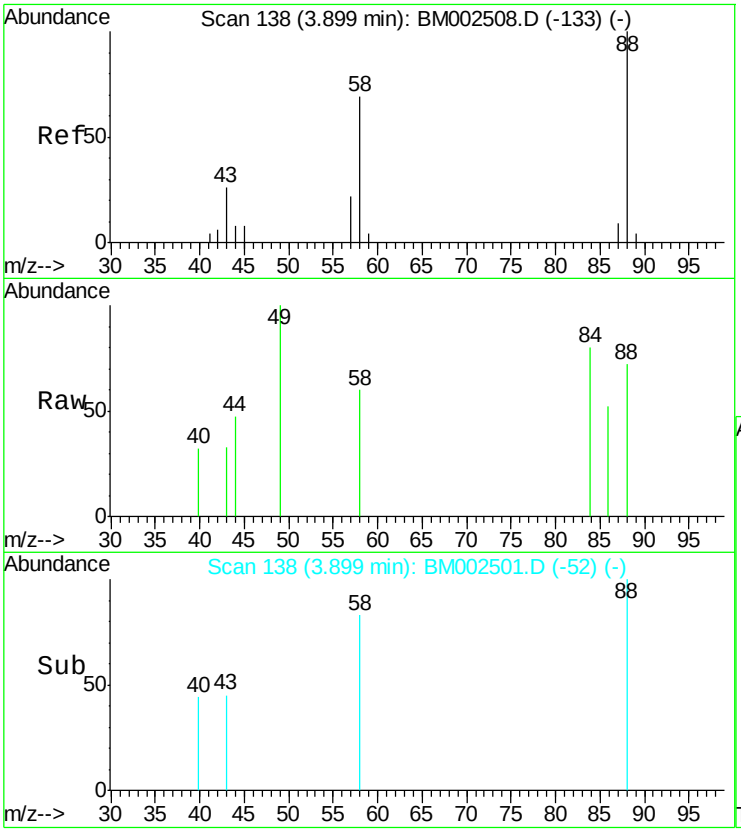
8/20/2015 3:36:24 PM

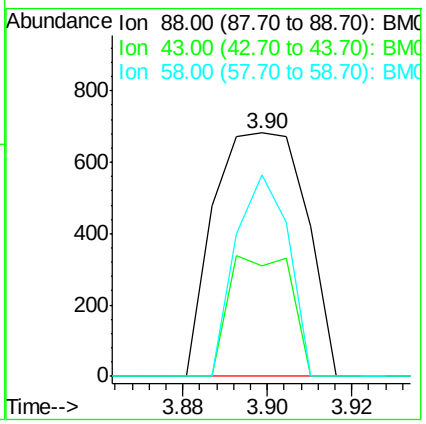




#2
1,4-Dioxane
Concen: 0.41 ng/uL
RT: 3.90 min Scan# 138
Delta R.T. 0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion: 88 Resp: 1034

Ion	Ratio	Lower	Upper
88	100		
43	33.5	2.3	3.5#
58	47.6	0.6	1.0#



Instrument :
BNA_M
ClientSampleId :
MDL-01-S

Manual Integrations APPROVED
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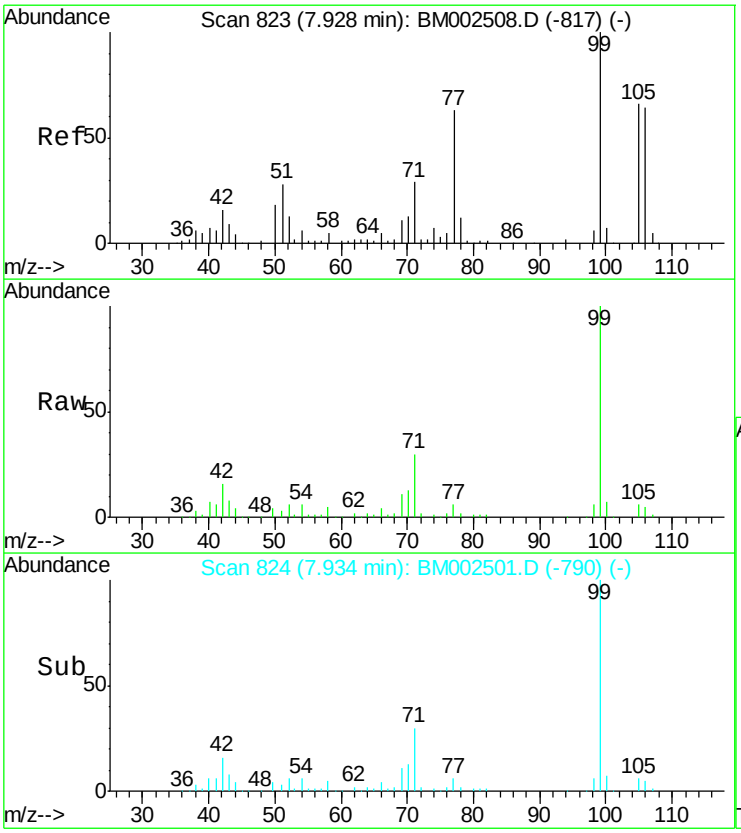
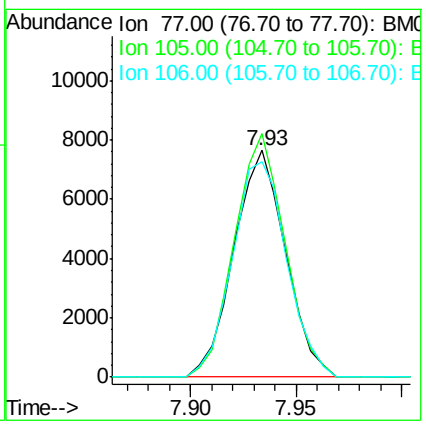
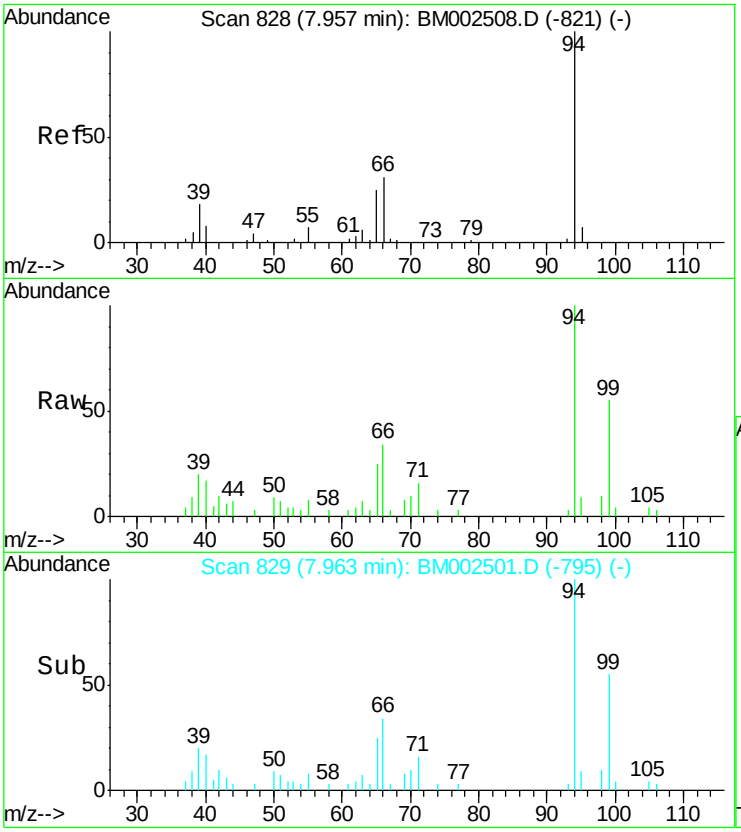


#4
Benzaldehyde
Concen: 2.37 ng/ul
RT: 7.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion: 77 Resp: 12967

Ion	Ratio	Lower	Upper
77	100		
105	107.3	80.0	120.0
106	95.2	76.7	115.1

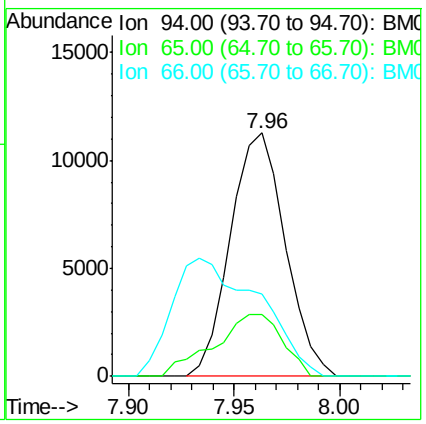




#6
Phenol
Concen: 2.14 ng/ul
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion: 94 Resp: 20326

Ion	Ratio	Lower	Upper
94	100		
65	25.4	23.7	35.5
66	34.1	31.3	46.9



Instrument :
BNA_M
ClientSampleId :
MDL-01-S

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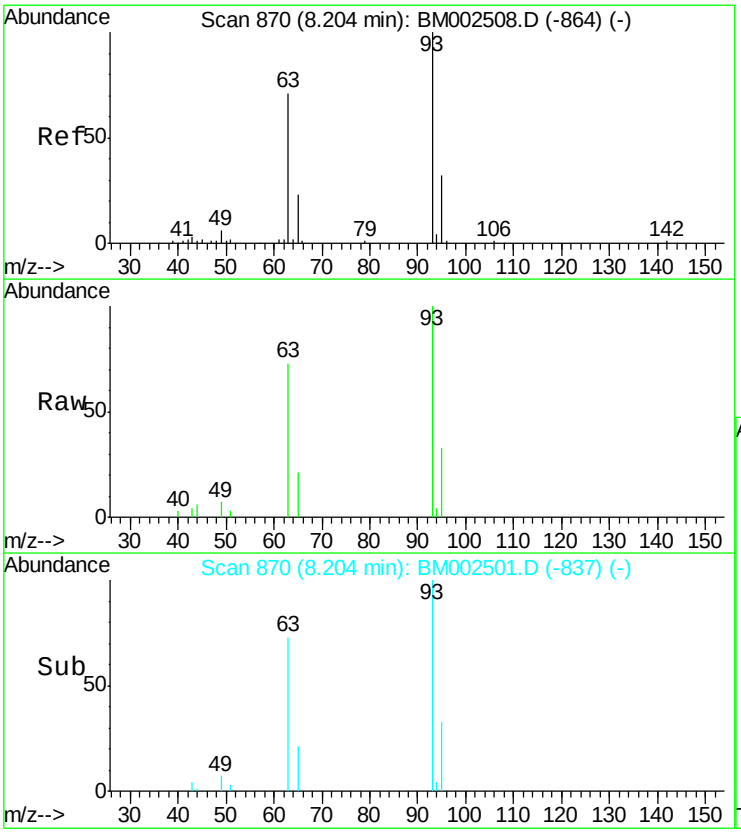
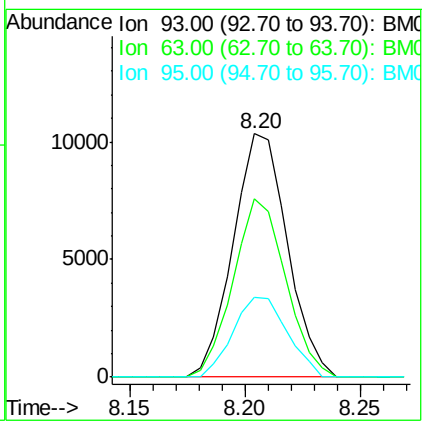
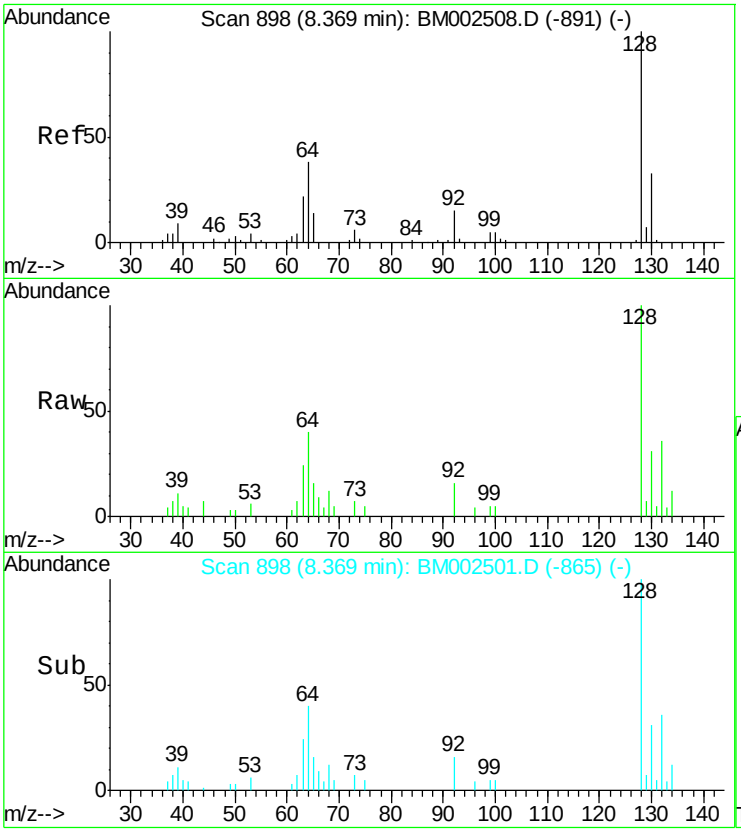


#8
Bis(2-Chloroethyl)ether
Concen: 2.31 ng/ul
RT: 8.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion: 93 Resp: 16922

Ion	Ratio	Lower	Upper
93	100		
63	73.1	64.6	97.0
95	32.7	26.6	40.0

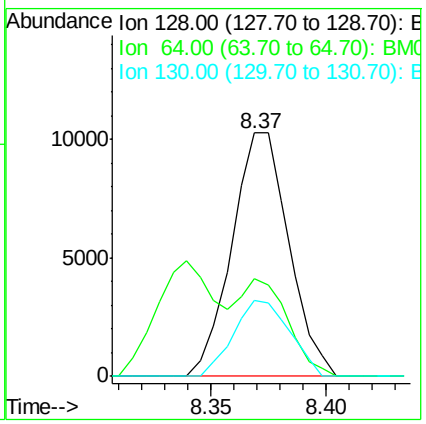




#10
2-Chlorophenol
Concen: 2.26 ng/ul
RT: 8.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:128 Resp: 17662

Ion	Ratio	Lower	Upper
128	100		
64	40.0	38.7	58.1
130	31.2	26.6	40.0



Instrument :
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MMDadoda
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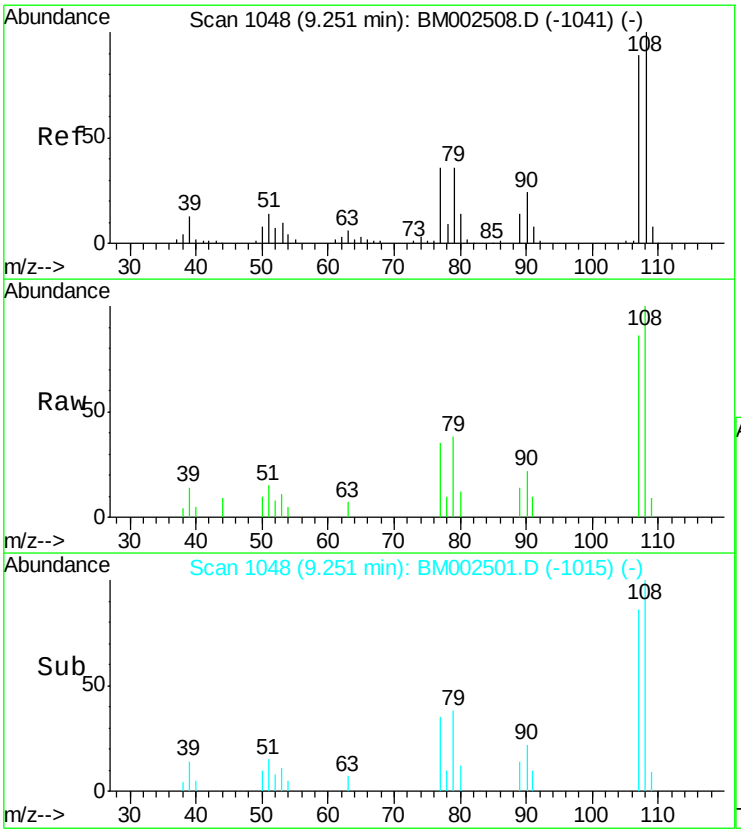
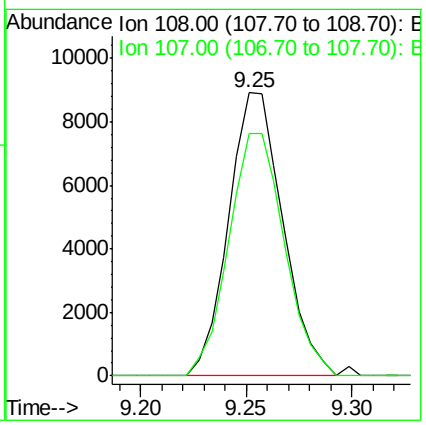
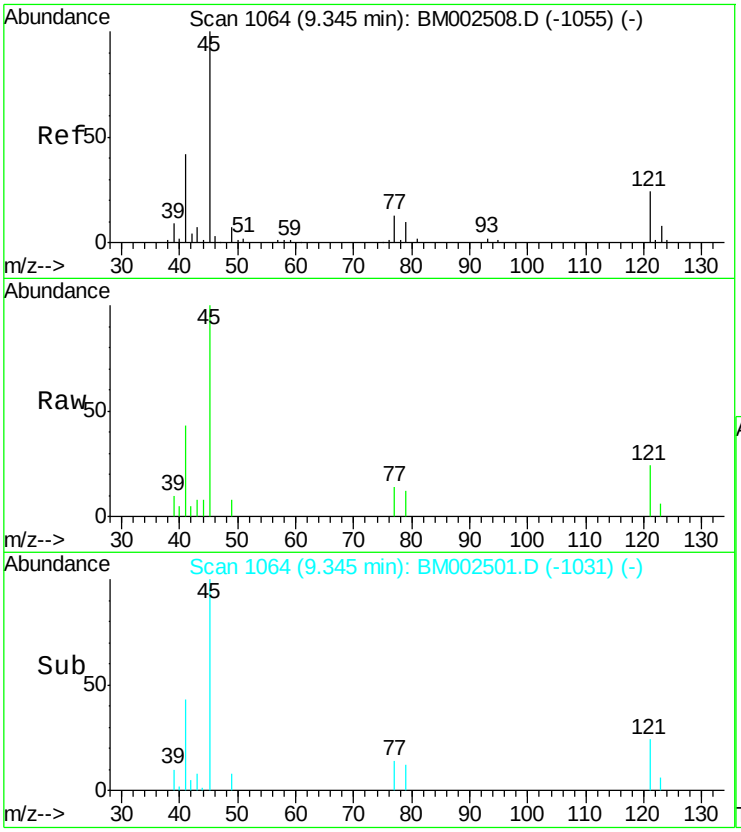


#11
2-Methylphenol
Concen: 2.11 ng/ul
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:108 Resp: 15871

Ion	Ratio	Lower	Upper
108	100		
107	85.6	72.0	108.0





#12
2,2'-oxybis(1-Chloropropane)
Concen: 1.71 ng/ul
RT: 9.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion: 45 Resp: 22343

Ion	Ratio	Lower	Upper
45	100		
77	14.0	9.4	14.2
79	11.8	7.5	11.3#

Instrument :
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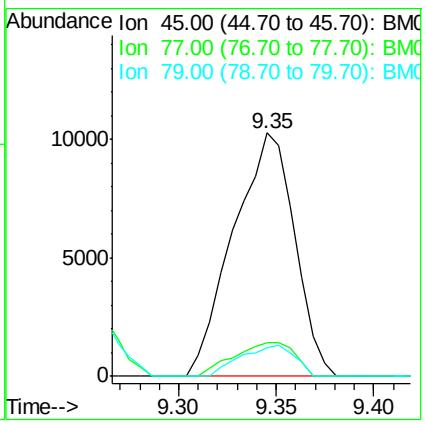
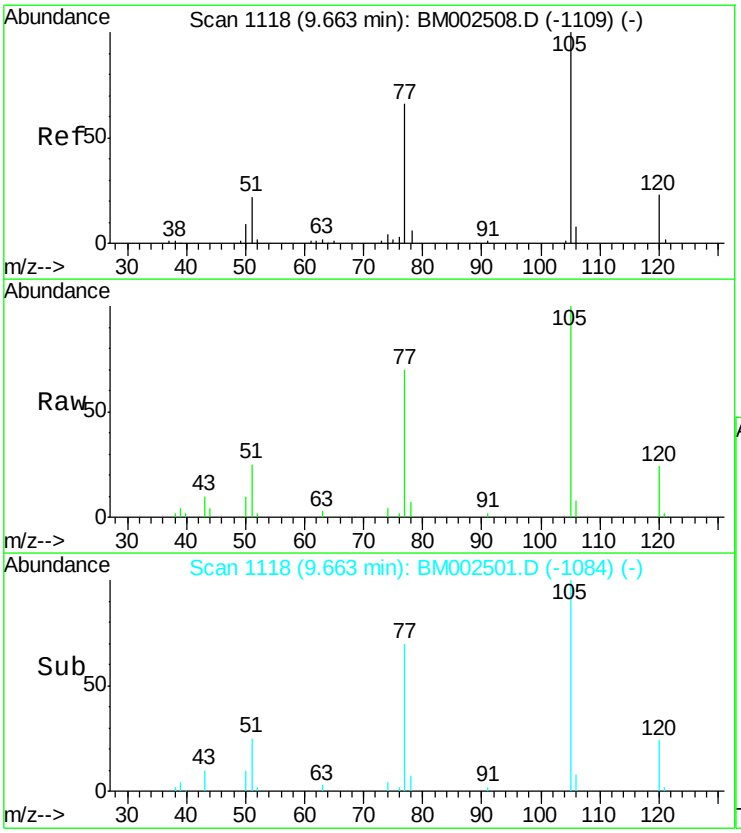
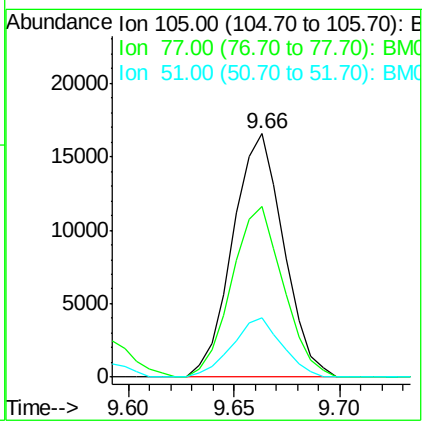


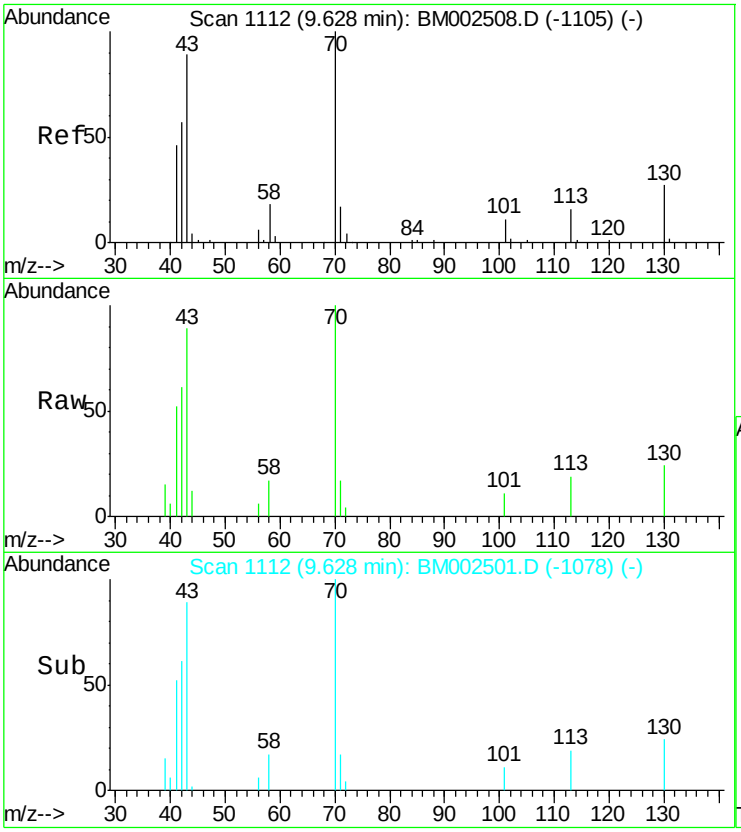


#14
Acetophenone
Concen: 2.34 ng/ul
RT: 9.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:105 Resp: 27700

Ion	Ratio	Lower	Upper
105	100		
77	70.1	59.4	89.0
51	24.5	23.4	35.0

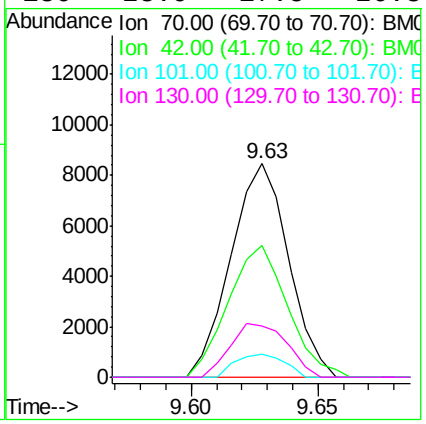




#15
N-Nitroso-di-n-propylamine
Concen: 2.11 ng/ul
RT: 9.63 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion: 70 Resp: 13392

Ion	Ratio	Lower	Upper
70	100		
42	61.5	53.4	80.0
101	11.0	7.7	11.5
130	23.9	17.5	26.3



Instrument :
BNA_M
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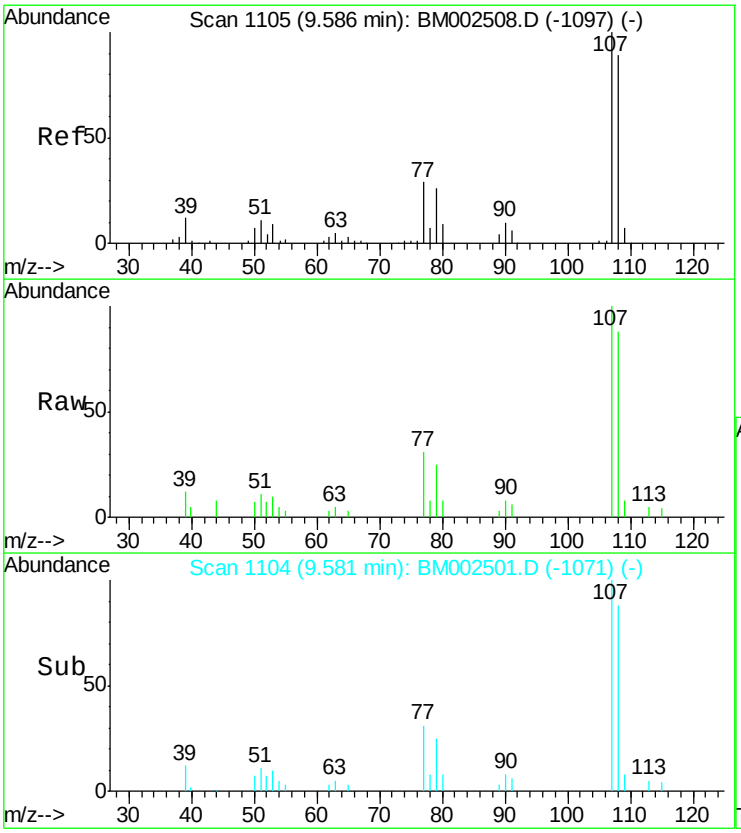
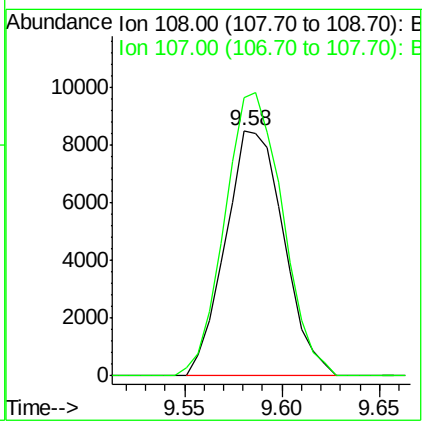
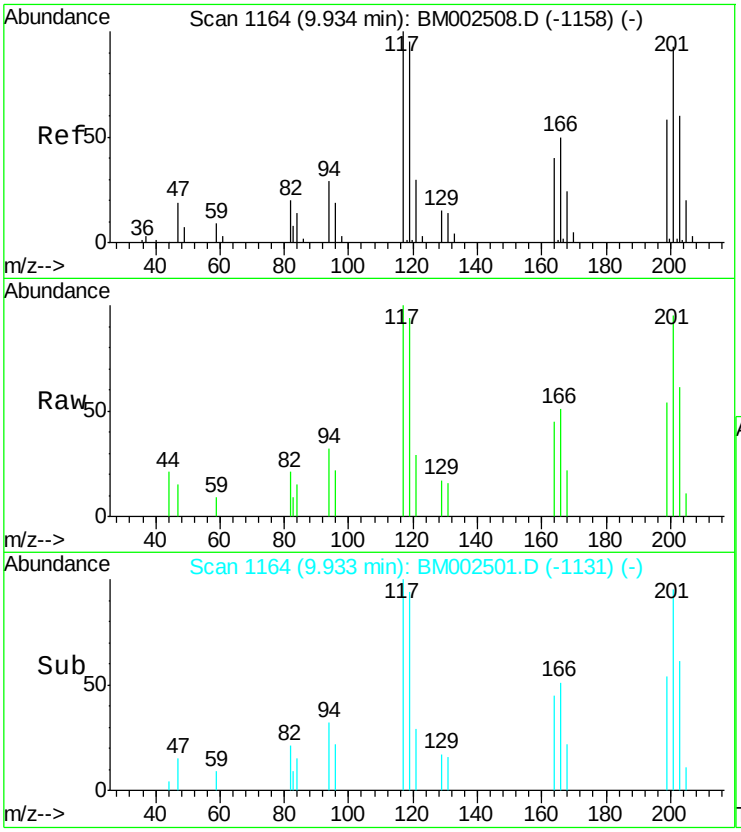


#16
4-Methylphenol
Concen: 2.14 ng/ul
RT: 9.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:108 Resp: 17596

Ion	Ratio	Lower	Upper
108	100		
107	113.6	90.9	136.3

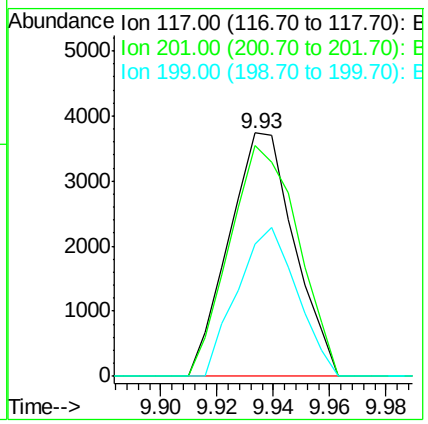




#17
Hexachloroethane
Concen: 1.95 ng/ul
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:117 Resp: 6024

Ion	Ratio	Lower	Upper
117	100		
201	94.6	71.5	107.3
199	54.3	44.9	67.3



Instrument :
BNA_M
ClientSampleId :
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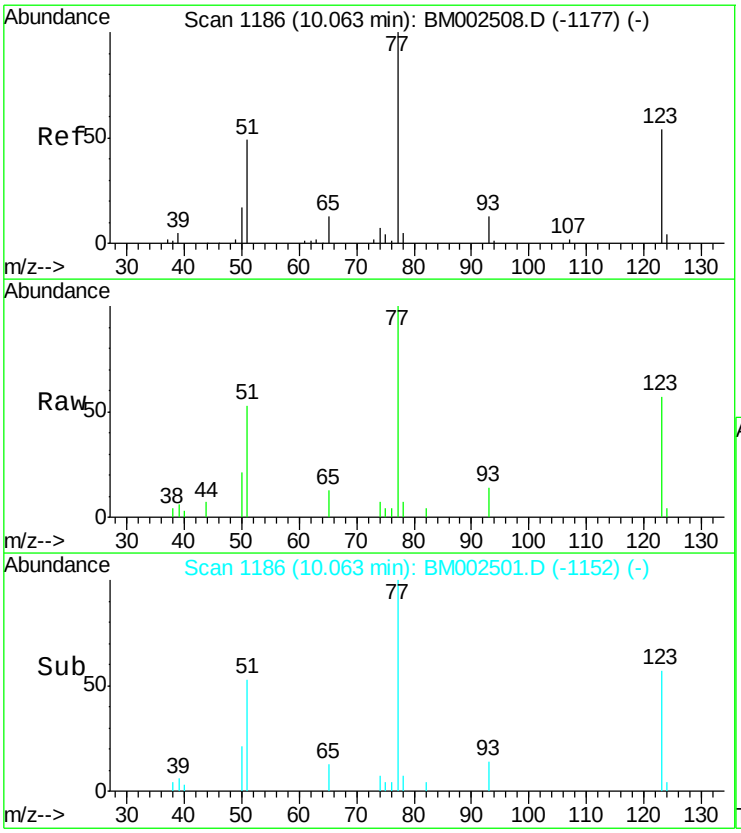
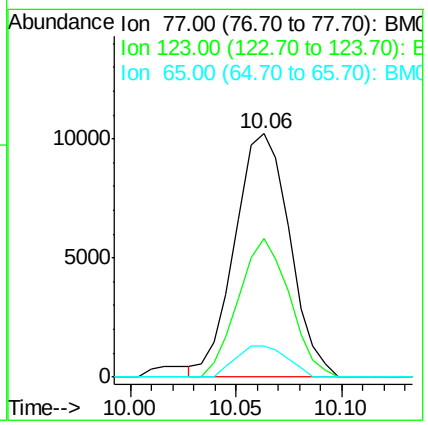
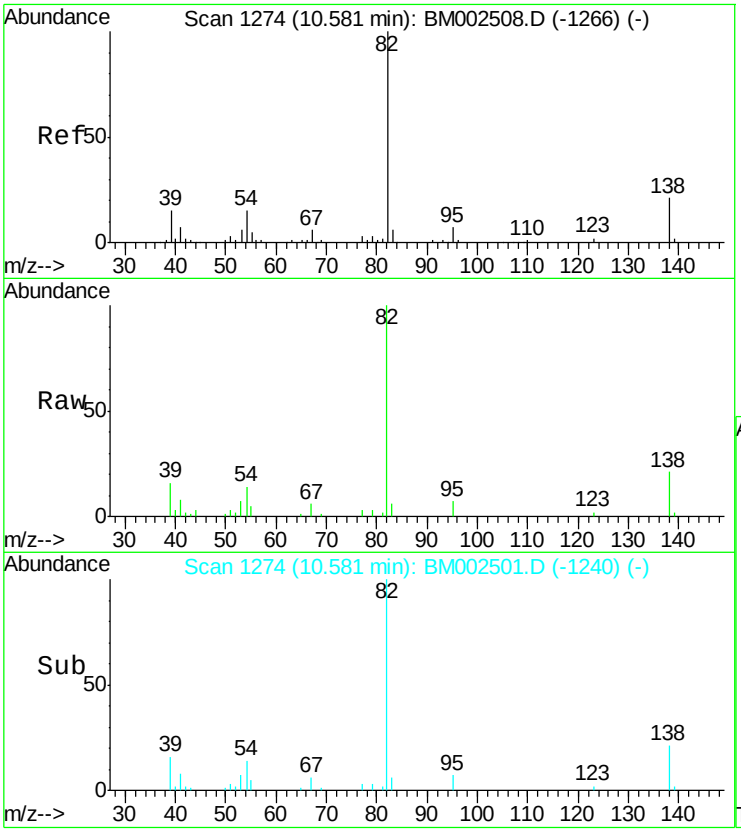


#20
Nitrobenzene
Concen: 2.11 ng/ul
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion: 77 Resp: 18485

Ion	Ratio	Lower	Upper
77	100		
123	57.1	37.0	55.6#
65	12.7	11.0	16.6





#21
Isophorone
Concen: 2.18 ng/ul
RT: 10.58 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion: 82 Resp: 38041

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.9	8.9
138	20.7	15.0	22.4

Instrument :
BNA_M
ClientSampleId :
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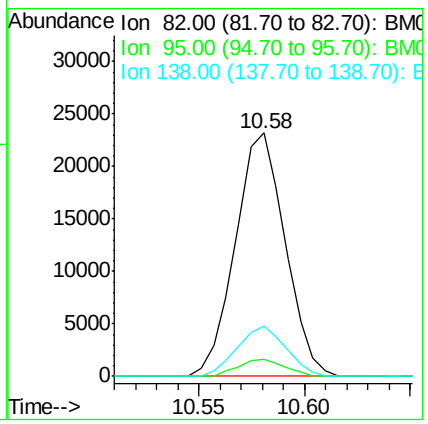
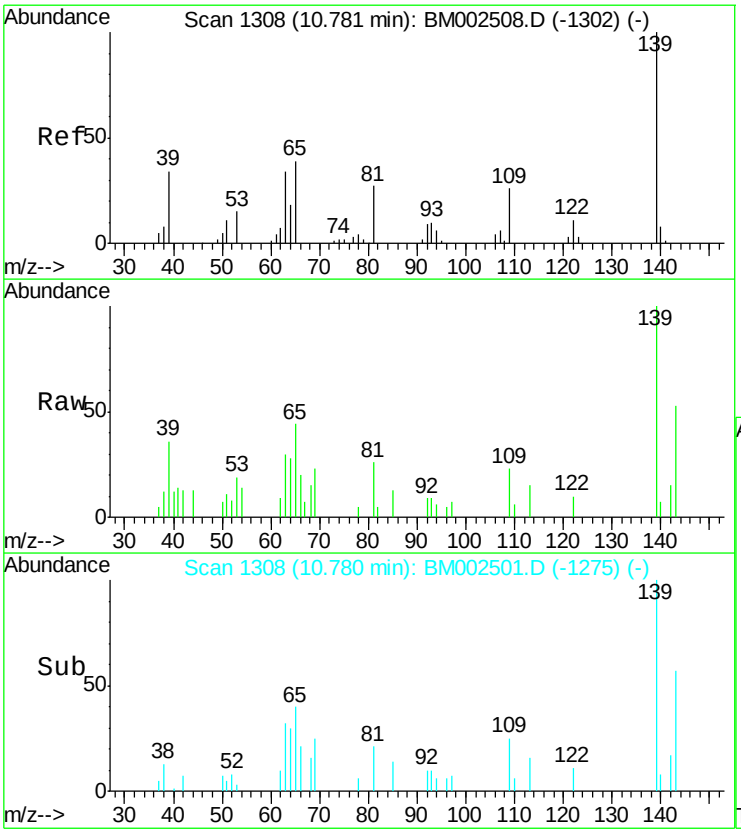
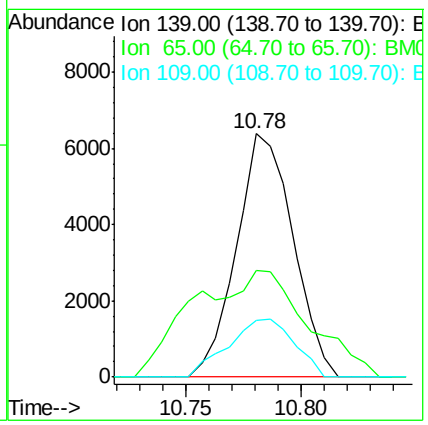


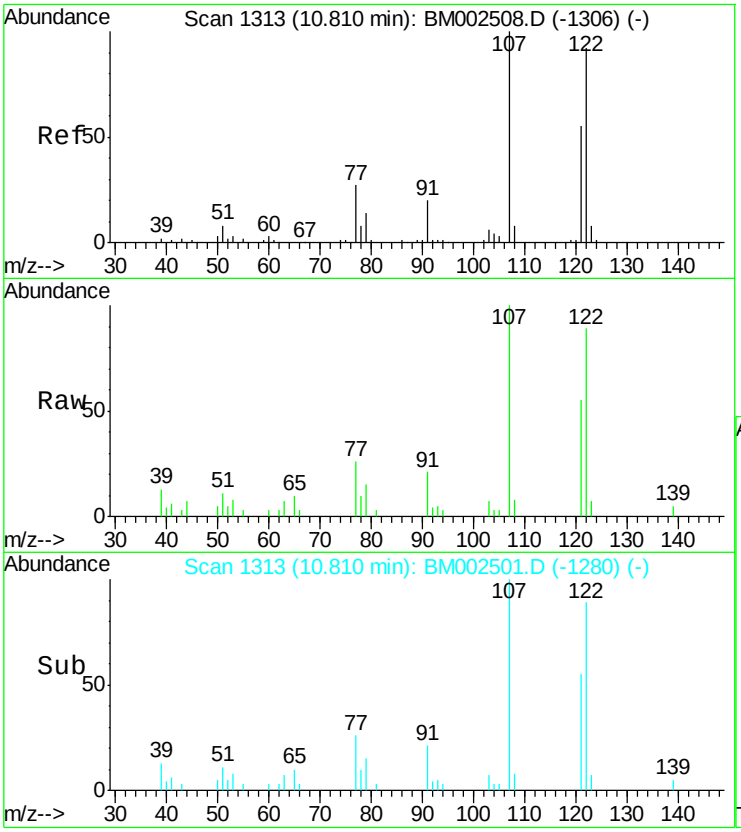


#23
2-Nitrophenol
Concen: 2.87 ng/ul
RT: 10.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:139 Resp: 10911

Ion	Ratio	Lower	Upper
139	100		
65	43.8	43.0	64.6
109	23.4	23.8	35.8#

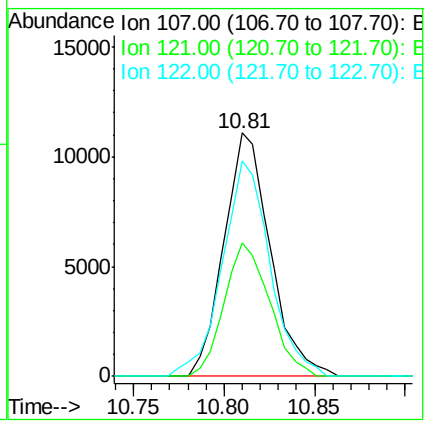




#24
2,4-Dimethylphenol
Concen: 2.12 ng/ul
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:107 Resp: 19750

Ion	Ratio	Lower	Upper
107	100		
121	55.0	41.8	62.6
122	88.7	71.2	106.8



Instrument :
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ClientSampleId :
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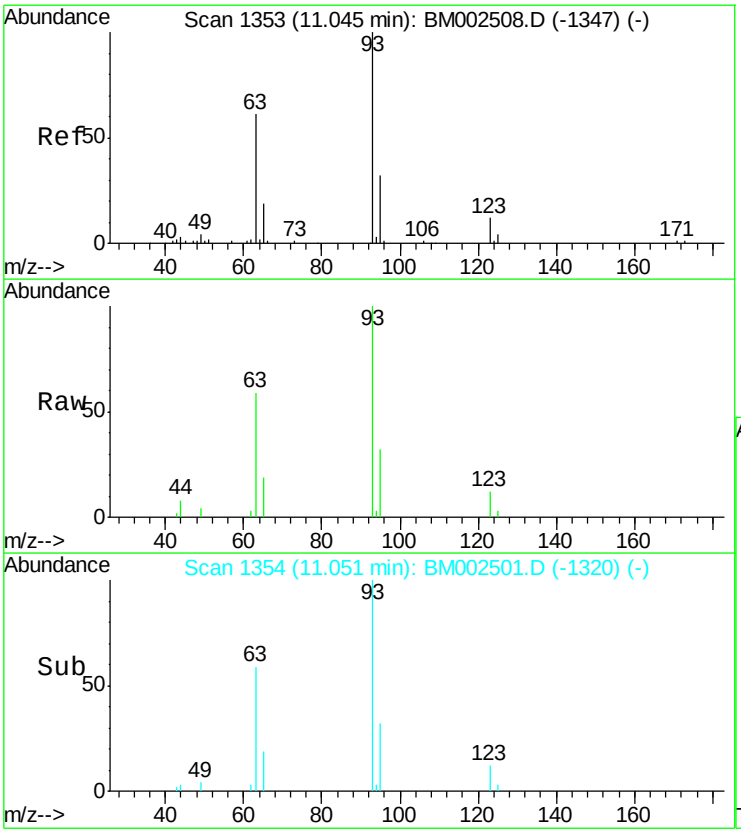
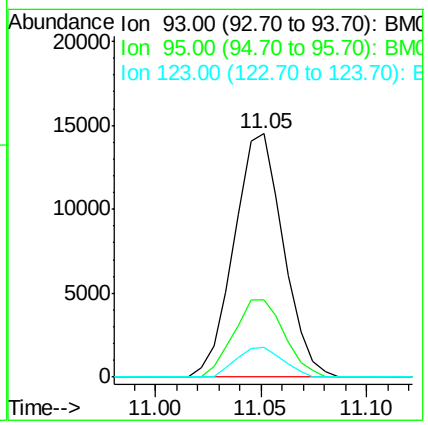
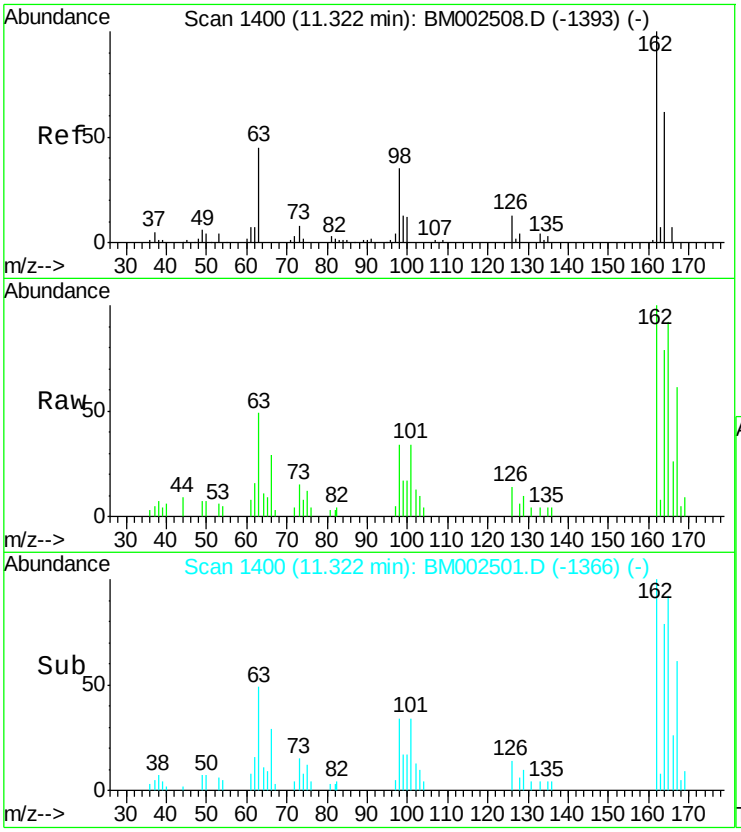


#25
Bis(2-Chloroethoxy)methane
Concen: 2.17 ng/ul
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion: 93 Resp: 23497

Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.8	38.8
123	12.0	9.3	13.9

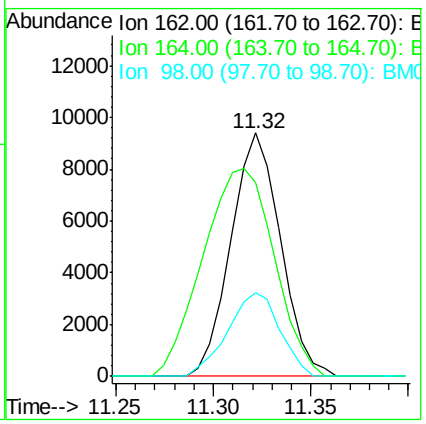




#27
2,4-Dichlorophenol
Concen: 2.36 ng/ul
RT: 11.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:162 Resp: 16572

Ion	Ratio	Lower	Upper
162	100		
164	79.5	52.9	79.3#
98	34.3	31.4	47.0



Instrument :
BNA_M
ClientSampleId :
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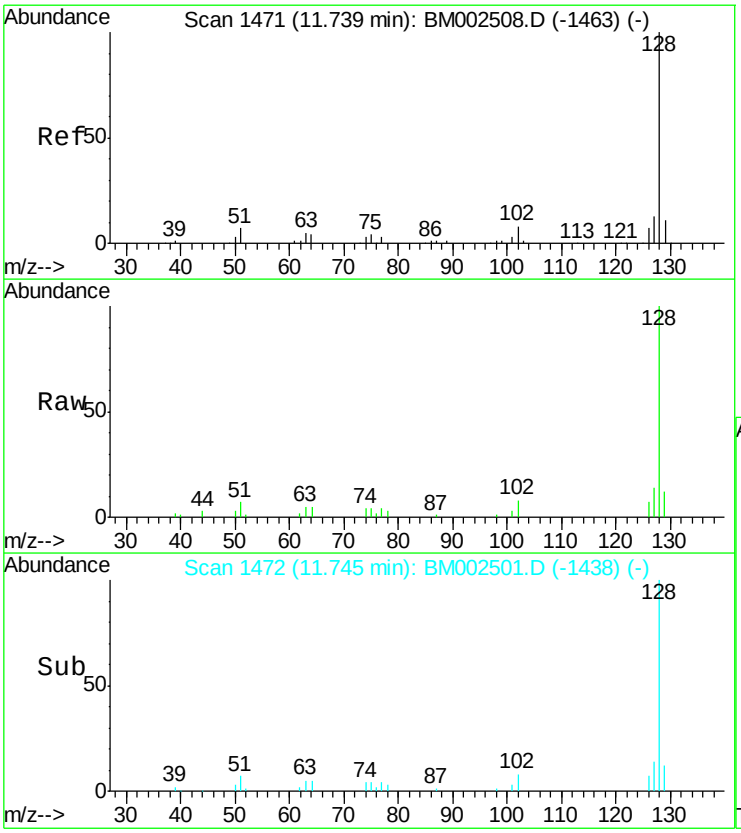
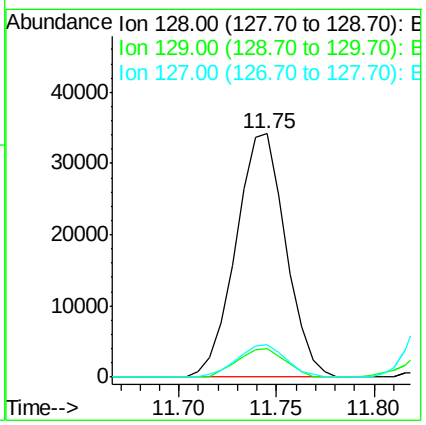
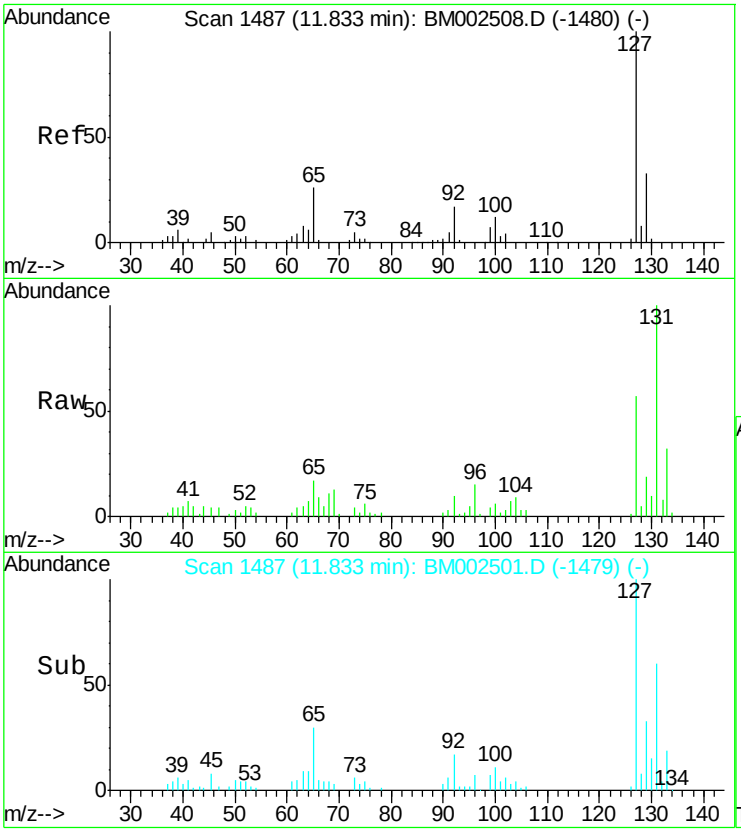


#28
Naphthalene
Concen: 2.28 ng/ul
RT: 11.75 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:128 Resp: 60552

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.5	10.4	15.6





#30
4-Chloroaniline
Concen: 2.86 ng/ul
RT: 11.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:127 Resp: 27566

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8

Instrument :
BNA_M
ClientSampleId :
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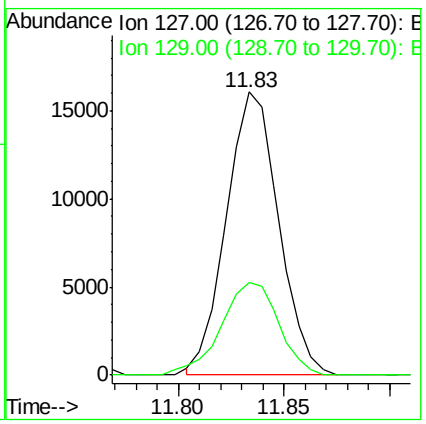
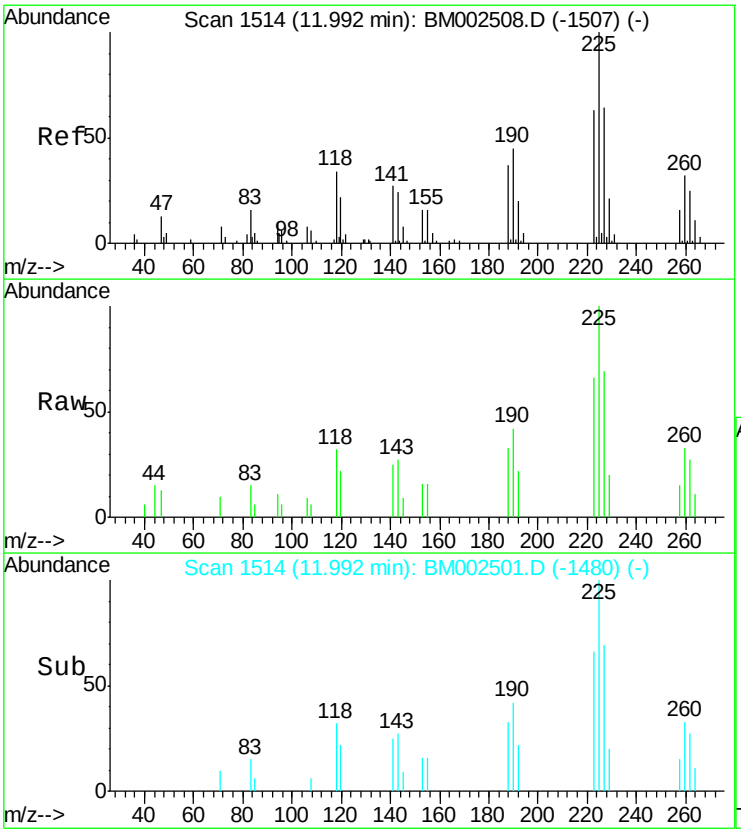
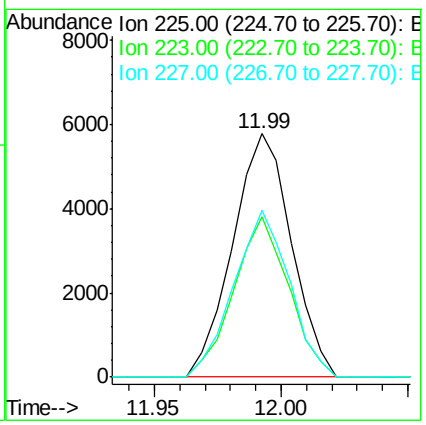


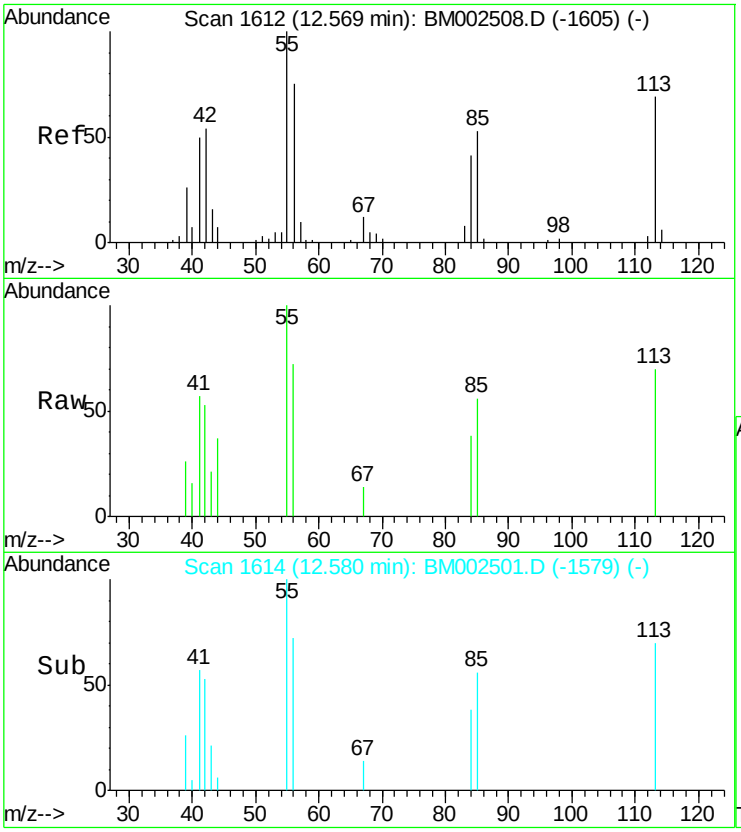


#31
Hexachlorobutadiene
Concen: 2.29 ng/ul
RT: 11.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:225 Resp: 9317

Ion	Ratio	Lower	Upper
225	100		
223	65.8	51.0	76.4
227	68.8	52.1	78.1

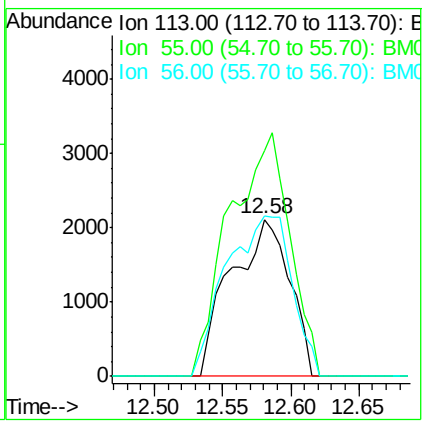




#32
Caprolactam
Concen: 2.18 ng/ul m
RT: 12.58 min Scan# 1614
Delta R.T. 0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:113 Resp: 6324

Ion	Ratio	Lower	Upper
113	100		
55	143.5	152.5	228.7#
56	102.7	111.4	167.0#



Instrument :
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ClientSampleId :
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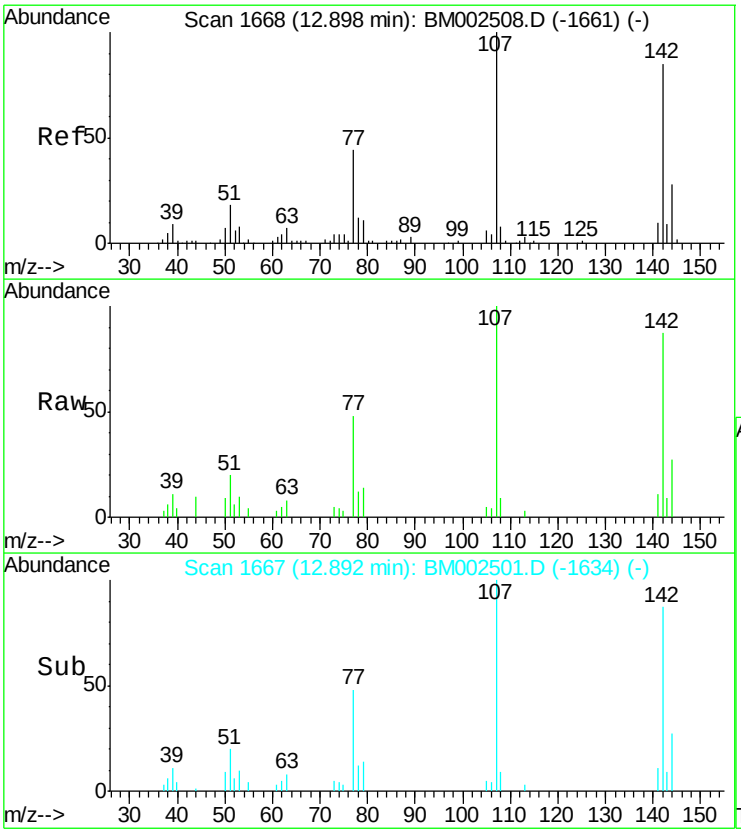
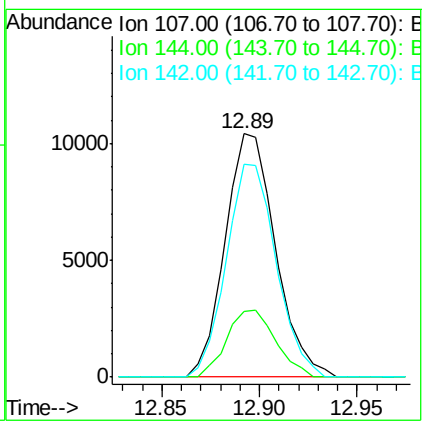
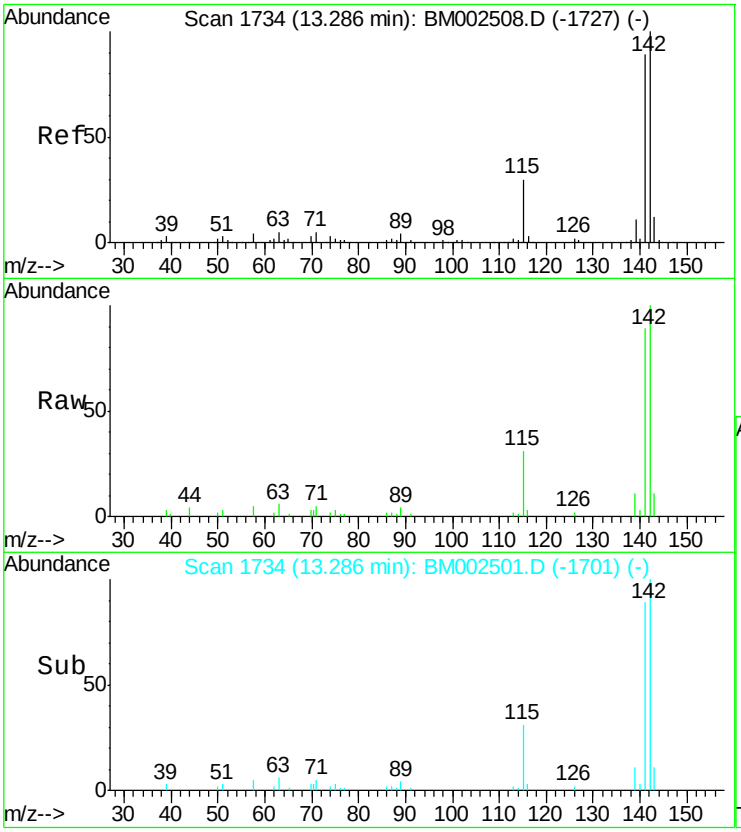


#33
4-Chloro-3-methylphenol
Concen: 2.12 ng/ul
RT: 12.89 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:107 Resp: 18686

Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.3	30.5
142	87.3	63.1	94.7





#34
2-Methylnaphthalene
Concen: 2.36 ng/ul
RT: 13.29 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:142 Resp: 44735

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.5	108.7

Instrument :
BNA_M
ClientSampleId :
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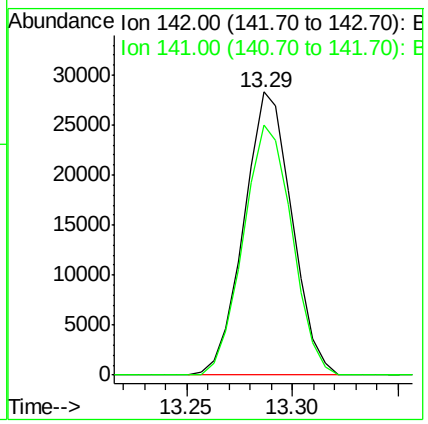
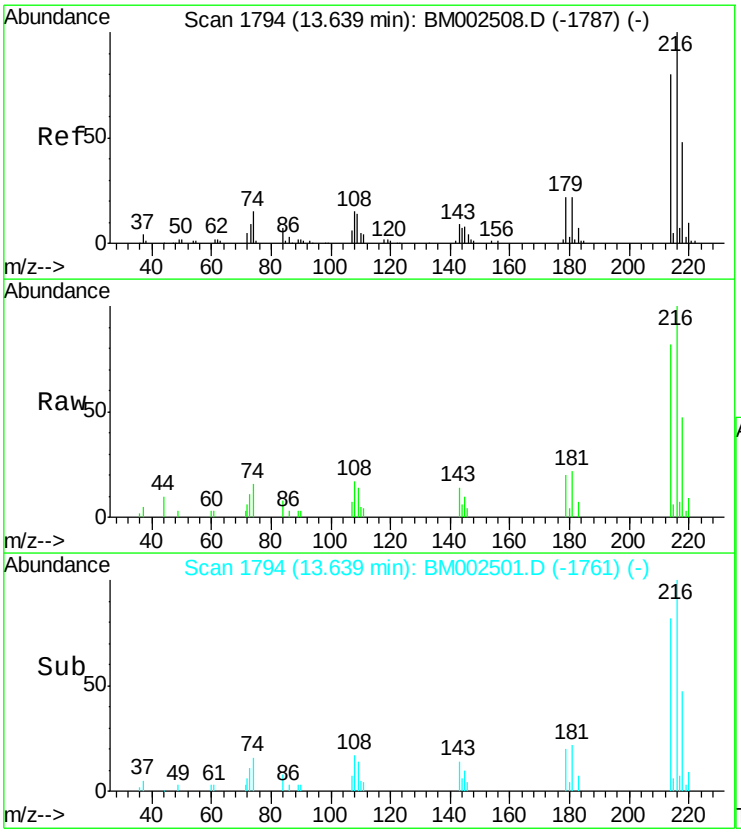
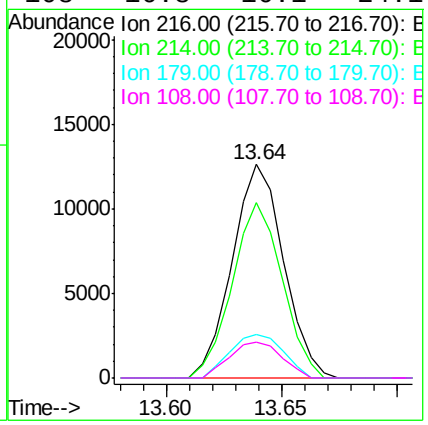


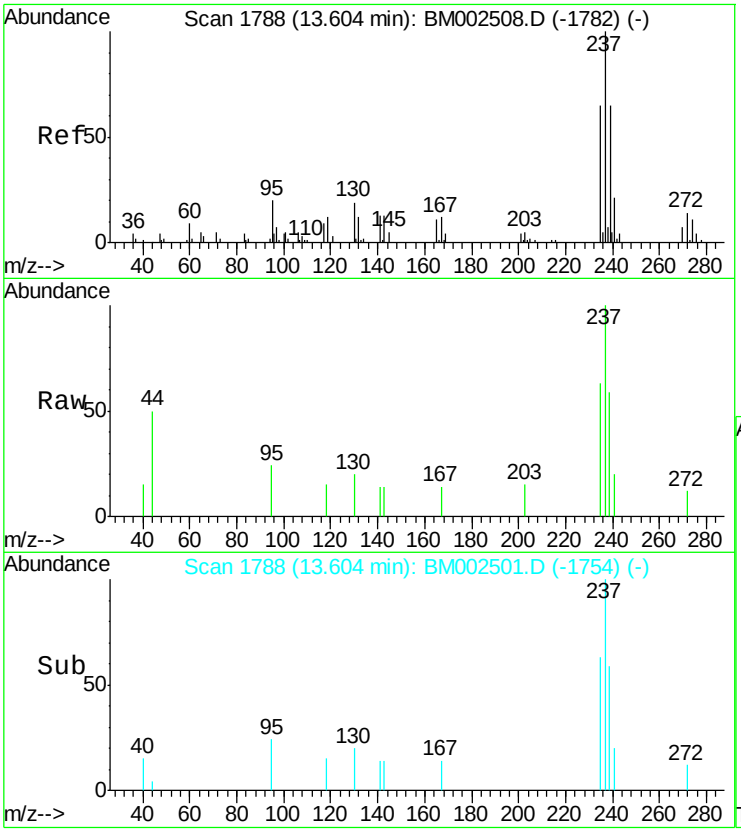


#37
1,2,4,5-Tetrachlorobenzene
Concen: 2.33 ng/ul
RT: 13.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:216 Resp: 19548

Ion	Ratio	Lower	Upper
216	100		
214	82.4	63.1	94.7
179	20.4	18.9	28.3
108	16.8	16.1	24.1

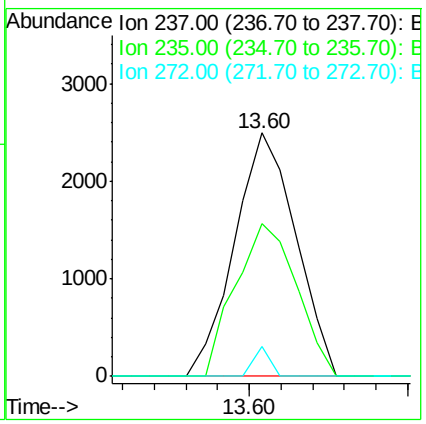




#38
Hexachlorocyclopentadiene
Concen: 0.67 ng/ul
RT: 13.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:237 Resp: 3349

Ion	Ratio	Lower	Upper
237	100		
235	62.8	51.0	76.6
272	12.0	10.8	16.2



Instrument :
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ClientSampleId :
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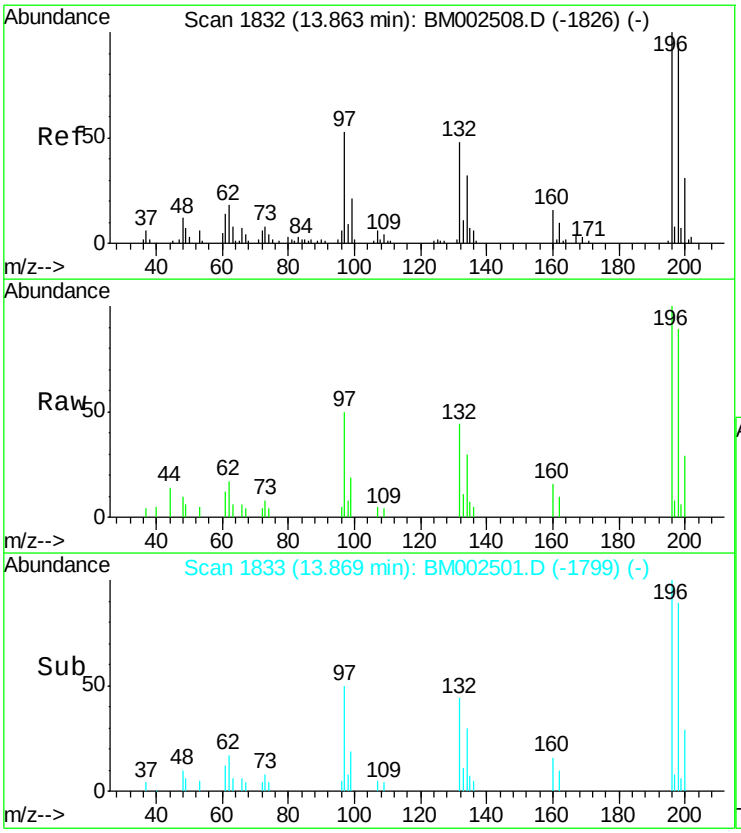
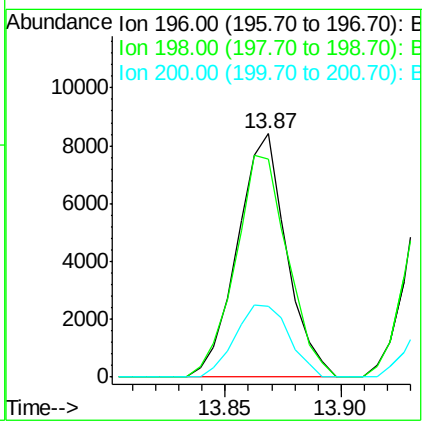
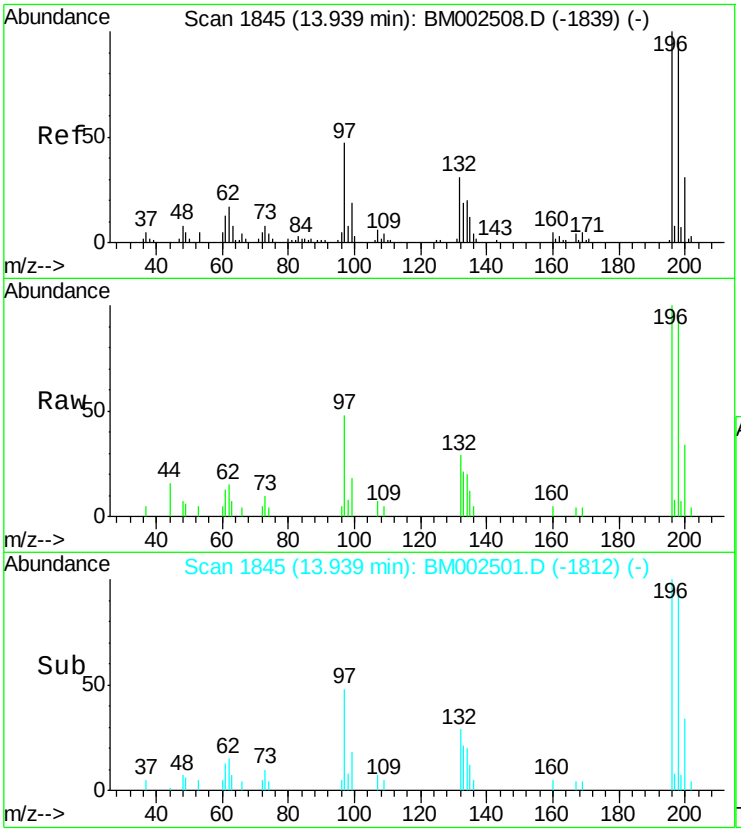


#39
2,4,6-Trichlorophenol
Concen: 2.39 ng/ul
RT: 13.87 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:196 Resp: 12481

Ion	Ratio	Lower	Upper
196	100		
198	89.5	77.1	115.7
200	29.0	24.8	37.2

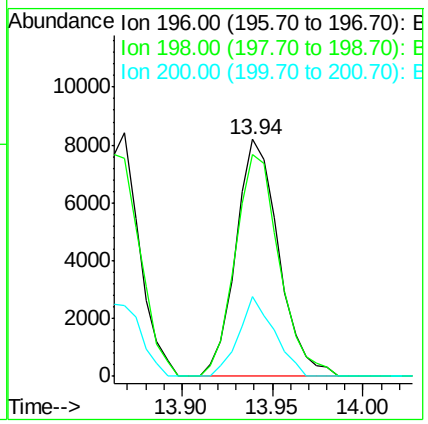




#40
2,4,5-Trichlorophenol
Concen: 2.30 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:196 Resp: 13477

Ion	Ratio	Lower	Upper
196	100		
198	93.5	78.6	117.8
200	33.8	25.0	37.4



Instrument :
BNA_M
ClientSampleId :
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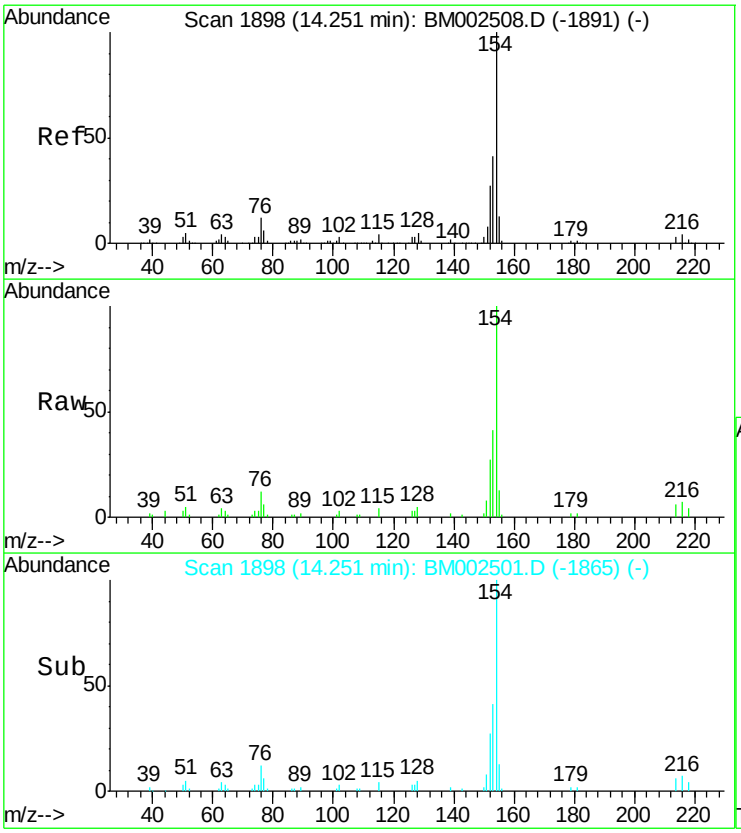
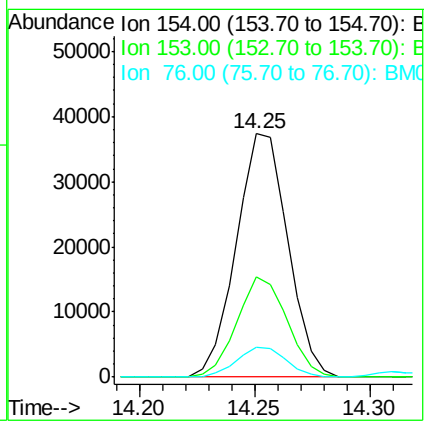
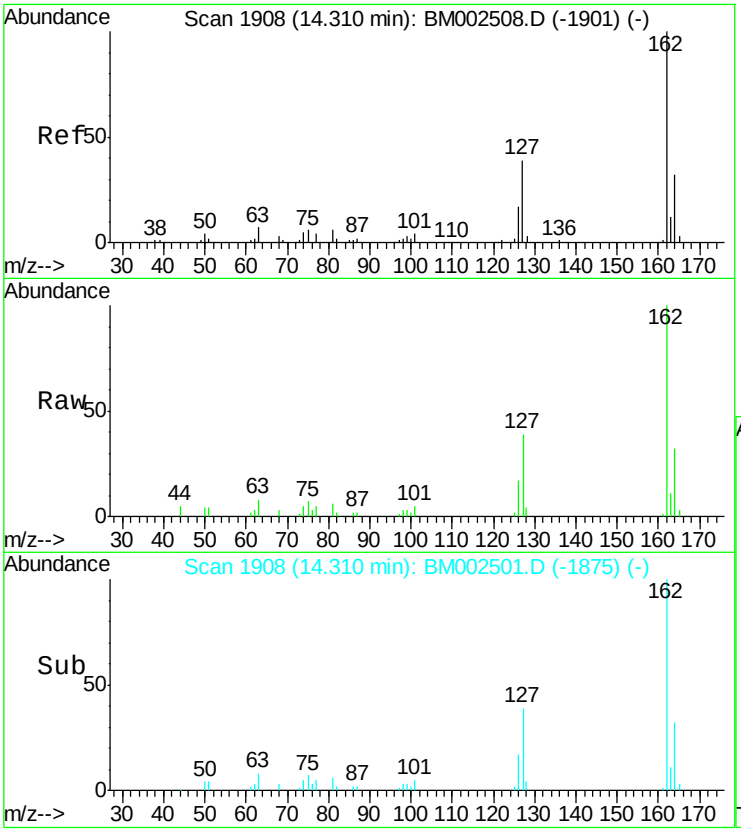


#41
1,1'-Biphenyl
Concen: 2.36 ng/ul
RT: 14.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:154 Resp: 58211

Ion	Ratio	Lower	Upper
154	100		
153	41.3	32.1	48.1
76	12.2	11.0	16.4

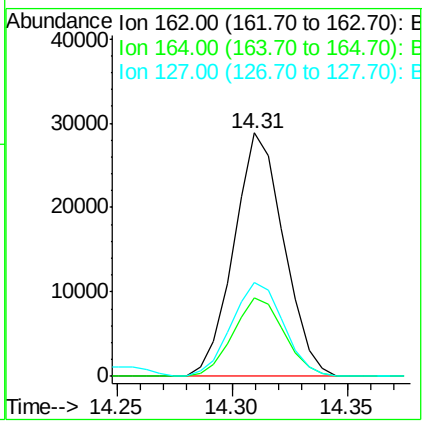




#42
2-Chloronaphthalene
Concen: 2.32 ng/ul
RT: 14.31 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:162 Resp: 43484

Ion	Ratio	Lower	Upper
162	100		
164	32.1	26.7	40.1
127	38.5	33.6	50.4



Instrument :
BNA_M
ClientSampleId :
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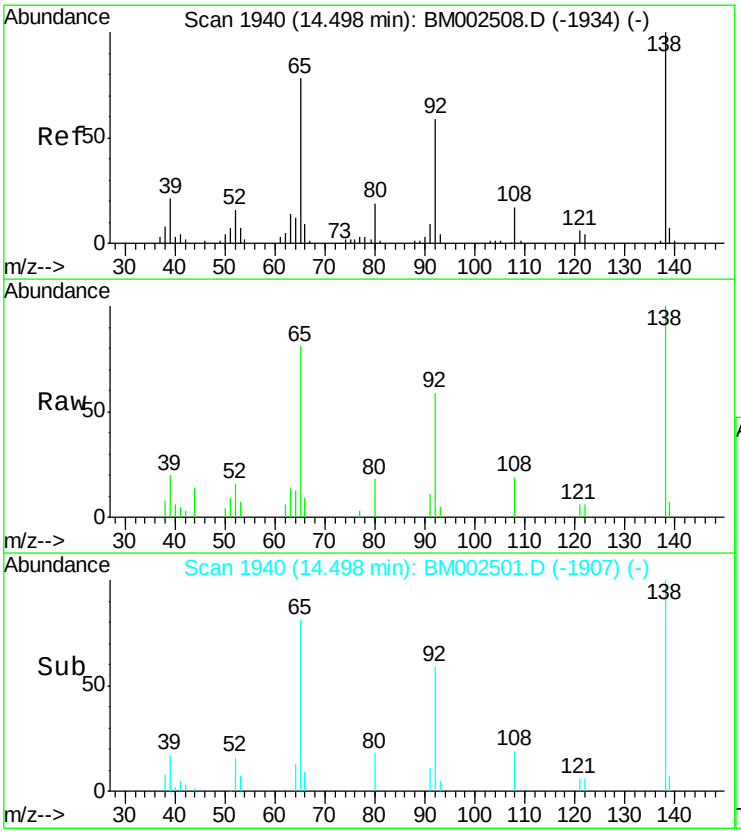
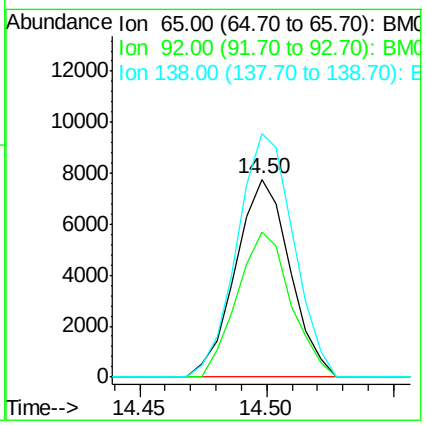
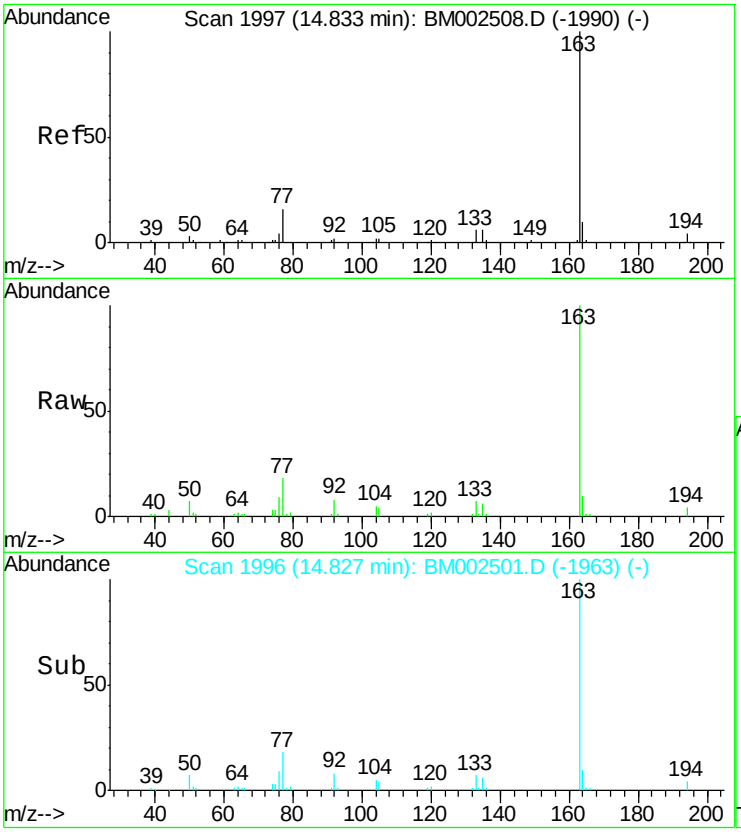


#43
2-Nitroaniline
Concen: 2.04 ng/ul
RT: 14.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion: 65 Resp: 11632

Ion	Ratio	Lower	Upper
65	100		
92	73.2	54.0	81.0
138	123.1	83.1	124.7

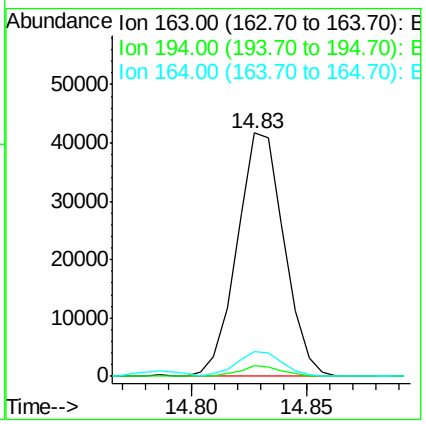




#45
Dimethylphthalate
Concen: 2.41 ng/ul
RT: 14.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:163 Resp: 59149

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.1	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
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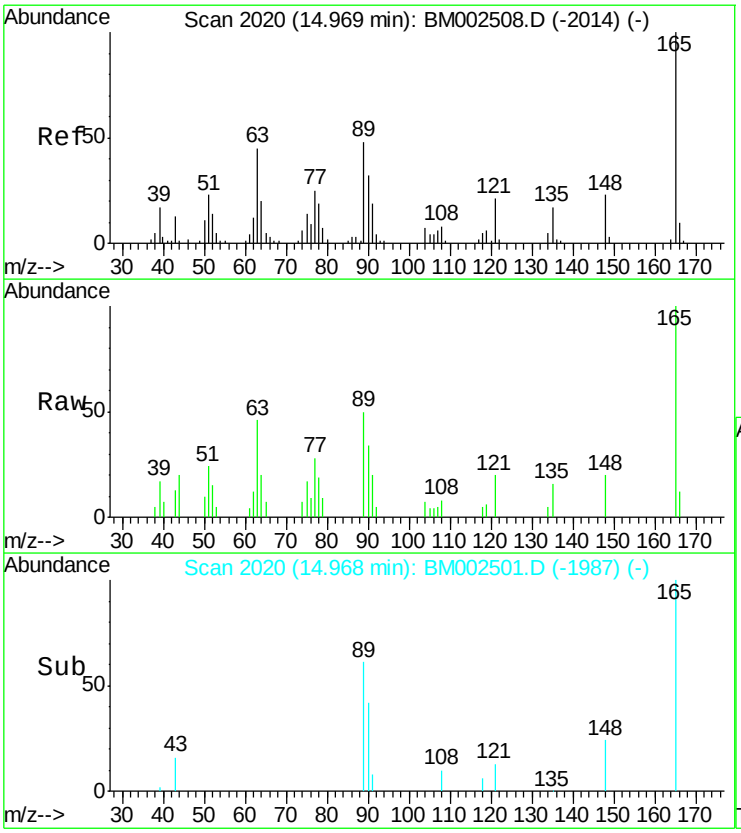
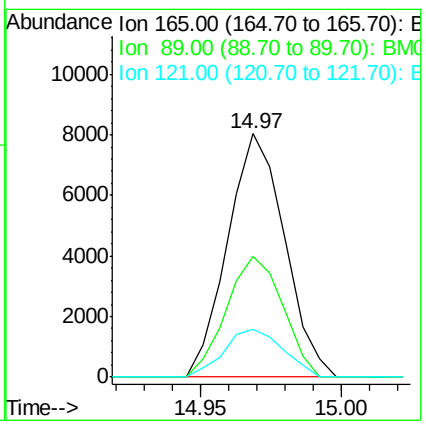
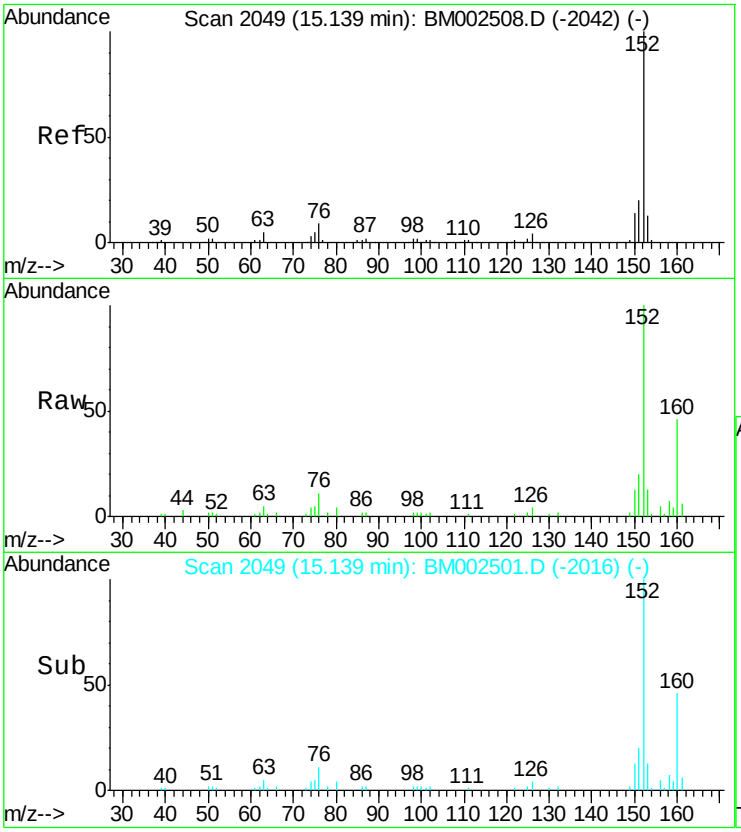


#46
2,6-Dinitrotoluene
Concen: 2.45 ng/ul
RT: 14.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:165 Resp: 11249

Ion	Ratio	Lower	Upper
165	100		
89	49.5	46.6	69.8
121	19.9	19.0	28.4

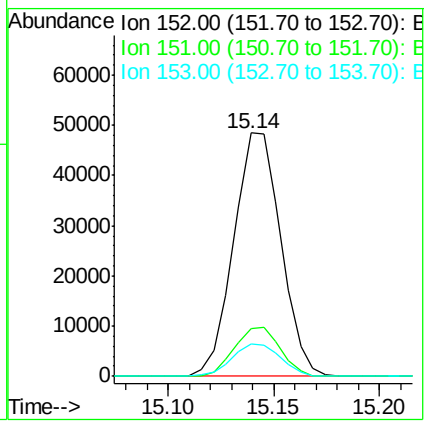




#48
Acenaphthylene
Concen: 2.40 ng/ul
RT: 15.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:152 Resp: 75335

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.4	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
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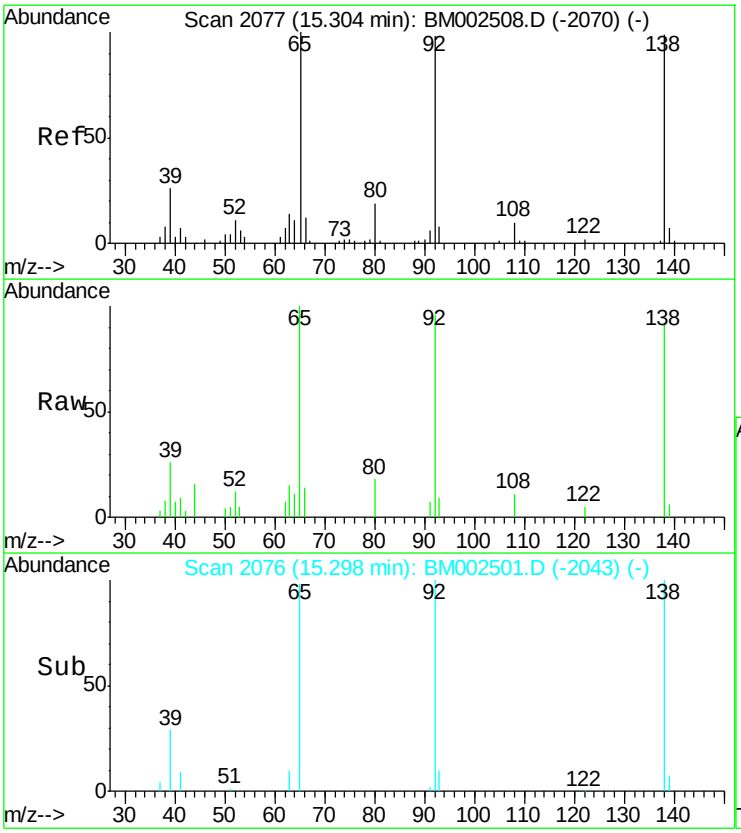
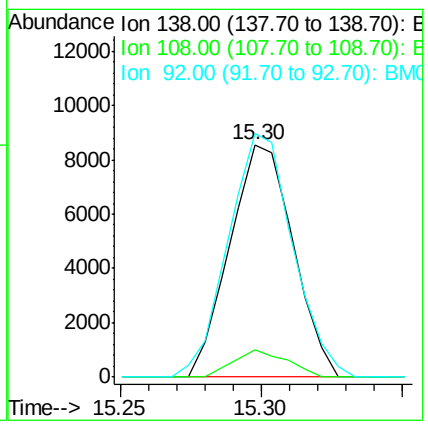
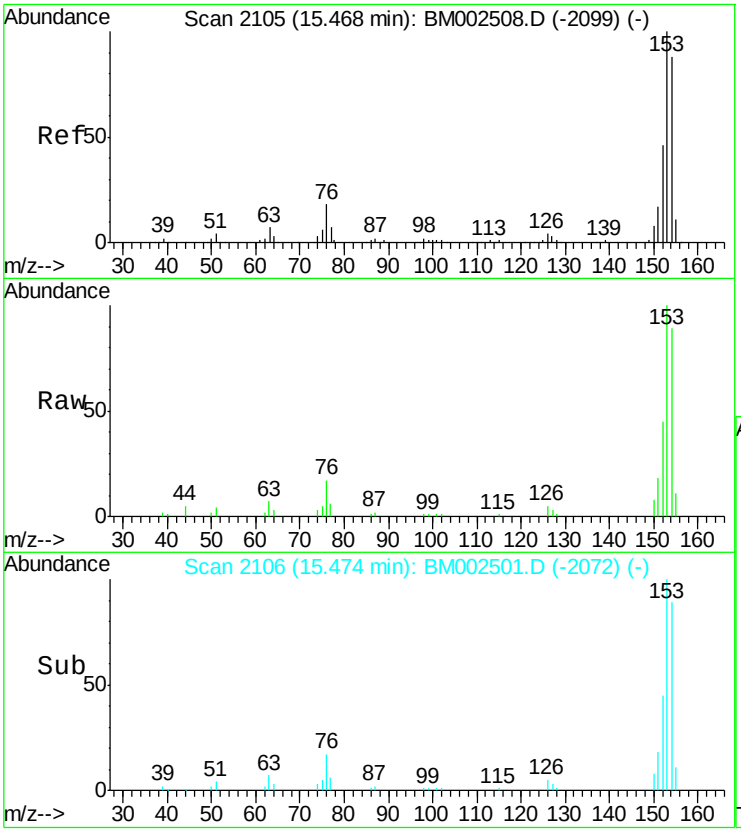


#49
3-Nitroaniline
Concen: 2.68 ng/ul
RT: 15.30 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:138 Resp: 13324

Ion	Ratio	Lower	Upper
138	100		
108	11.7	11.7	17.5#
92	104.8	94.3	141.5

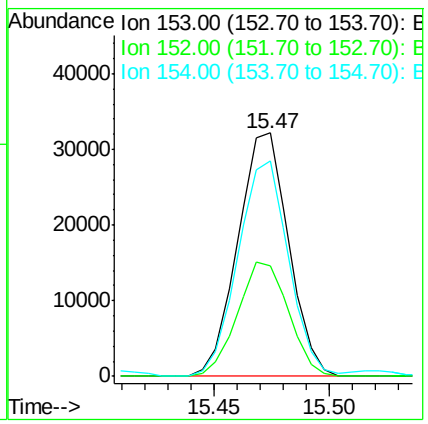




#50
Acenaphthene
Concen: 2.33 ng/ul
RT: 15.47 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:153 Resp: 49336

Ion	Ratio	Lower	Upper
153	100		
152	45.4	36.6	55.0
154	88.6	71.5	107.3



Instrument :
BNA_M
ClientSampleId :
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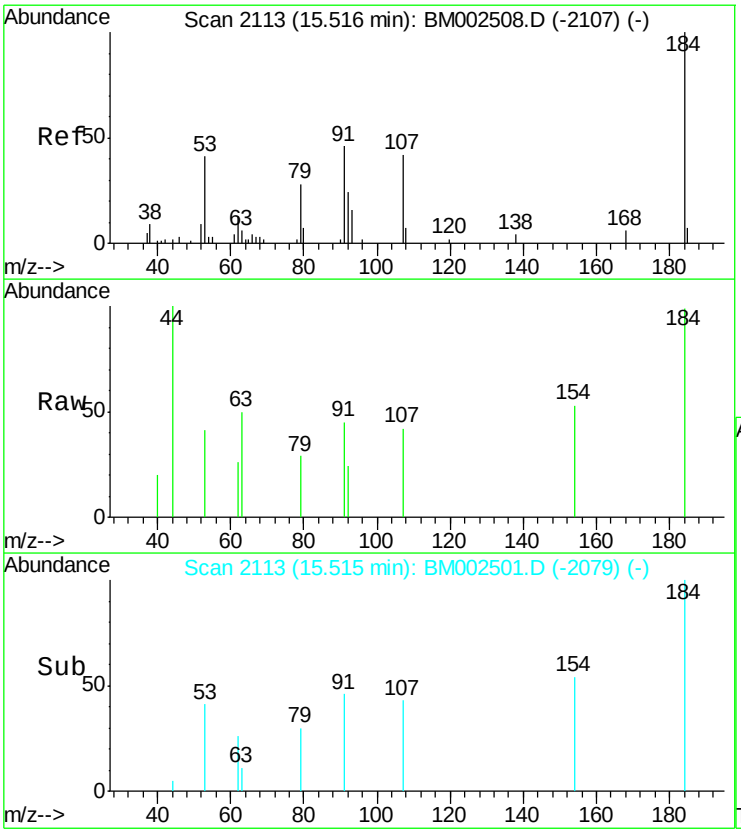
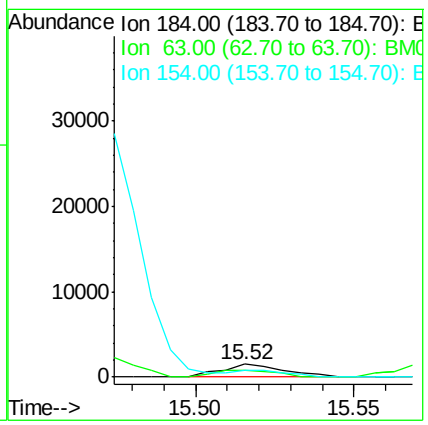
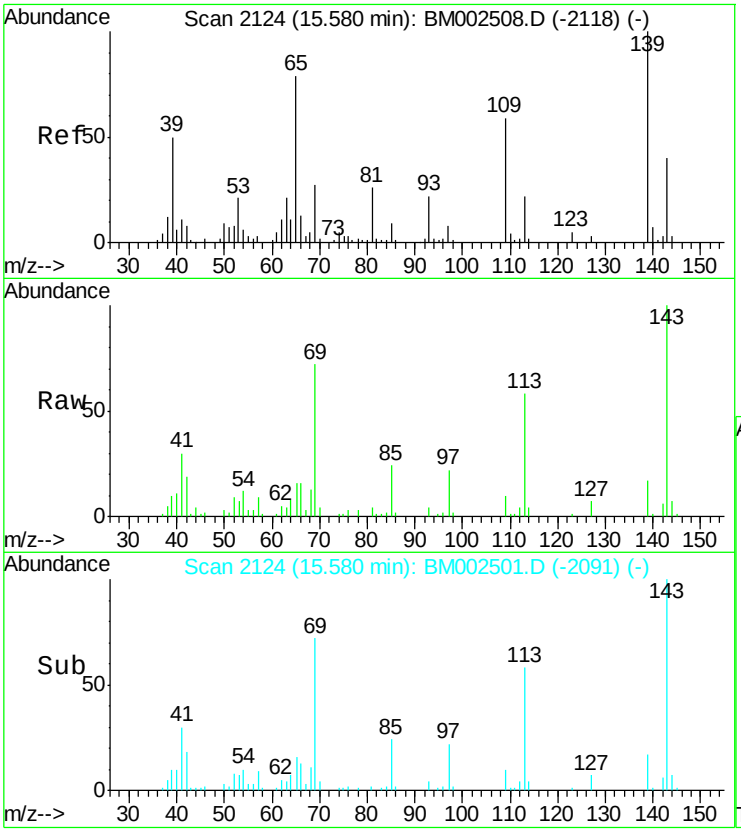


#51
2,4-Dinitrophenol
Concen: 1.31 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:184 Resp: 2076

Ion	Ratio	Lower	Upper
184	100		
63	50.6	94.8	142.2#
154	53.9	525.6	788.4#





#53
4-Nitrophenol
Concen: 2.12 ng/ul
RT: 15.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:109 Resp: 6747

Ion	Ratio	Lower	Upper
109	100		
139	179.4	118.7	178.1#
65	166.7	116.6	174.8

Instrument :
BNA_M
ClientSampleId :
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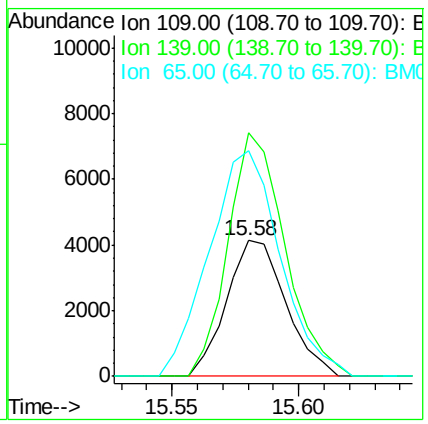
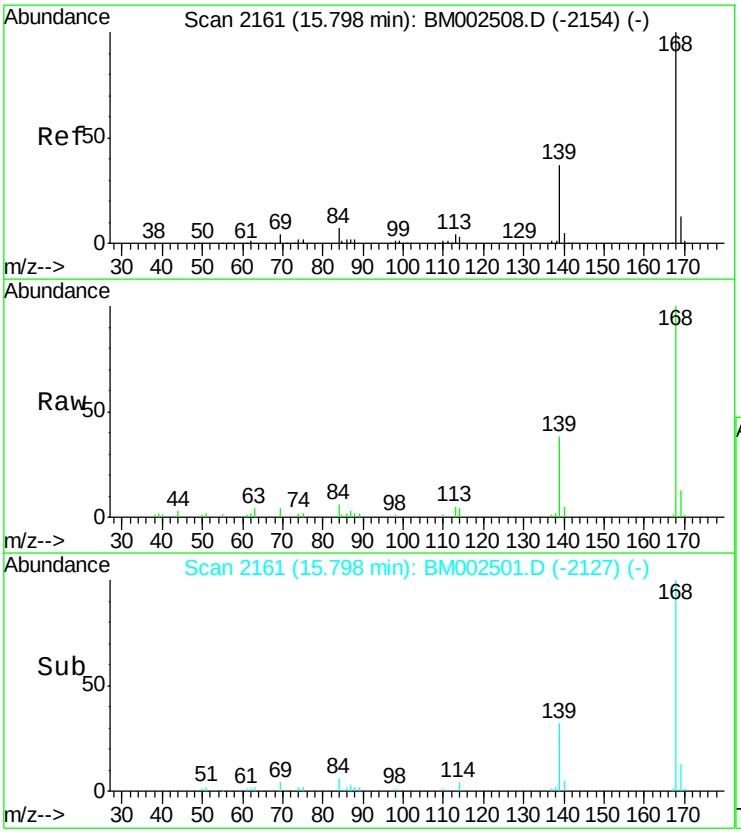
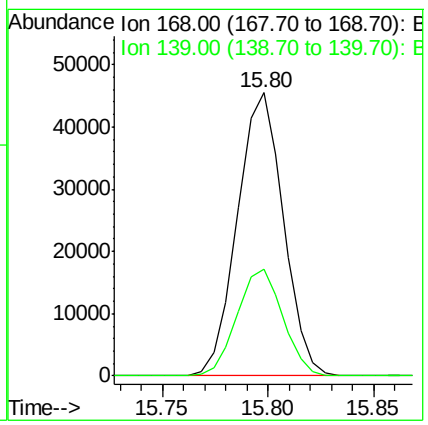


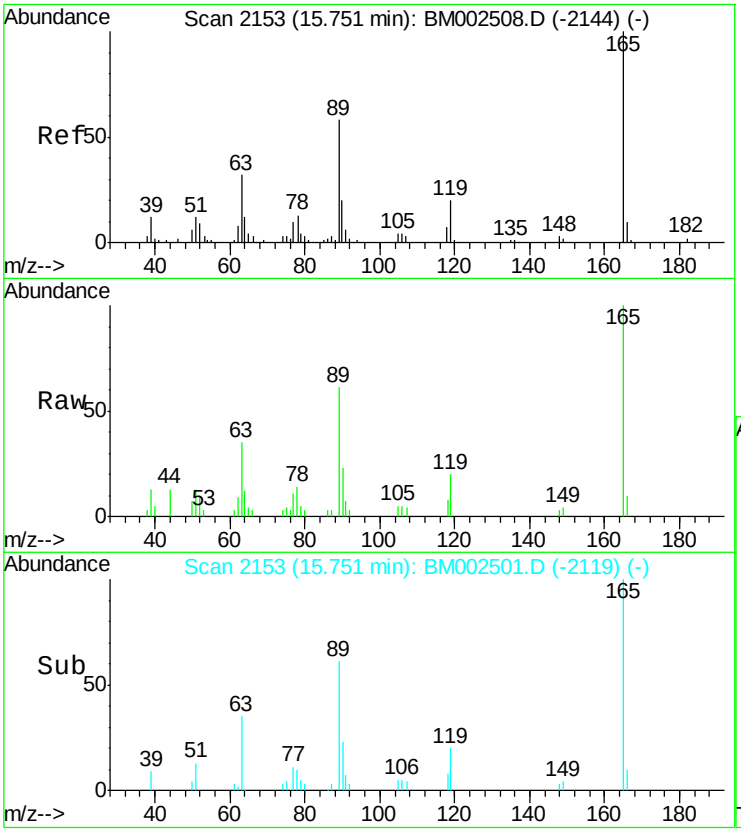


#54
Dibenzofuran
Concen: 2.44 ng/ul
RT: 15.80 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:168 Resp: 68735

Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.3	46.9





#55
2,4-Dinitrotoluene
Concen: 2.59 ng/ul
RT: 15.75 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:165 Resp: 16872

Ion	Ratio	Lower	Upper
165	100		
63	34.9	35.9	53.9#
182	0.0	2.5	3.7#

Instrument :
BNA_M
ClientSampleId :
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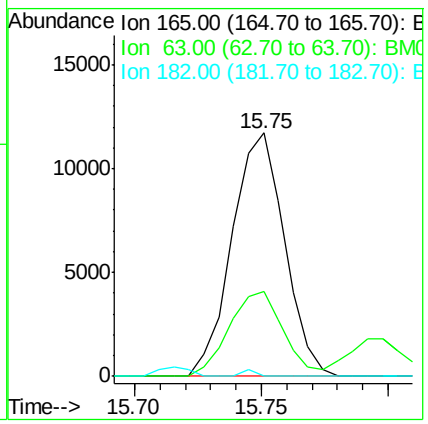
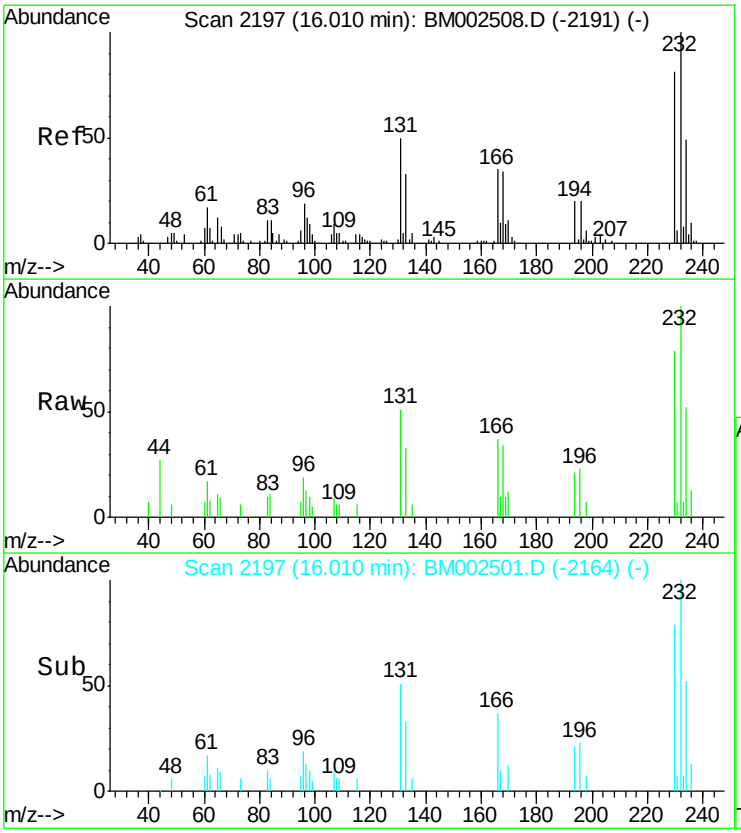
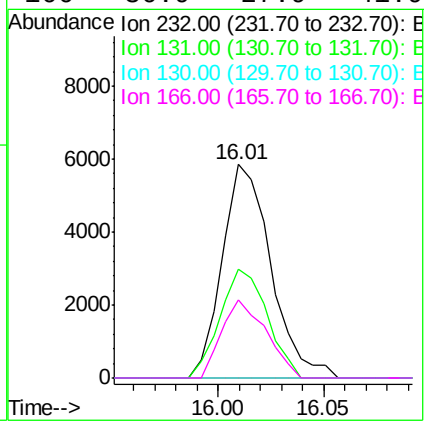


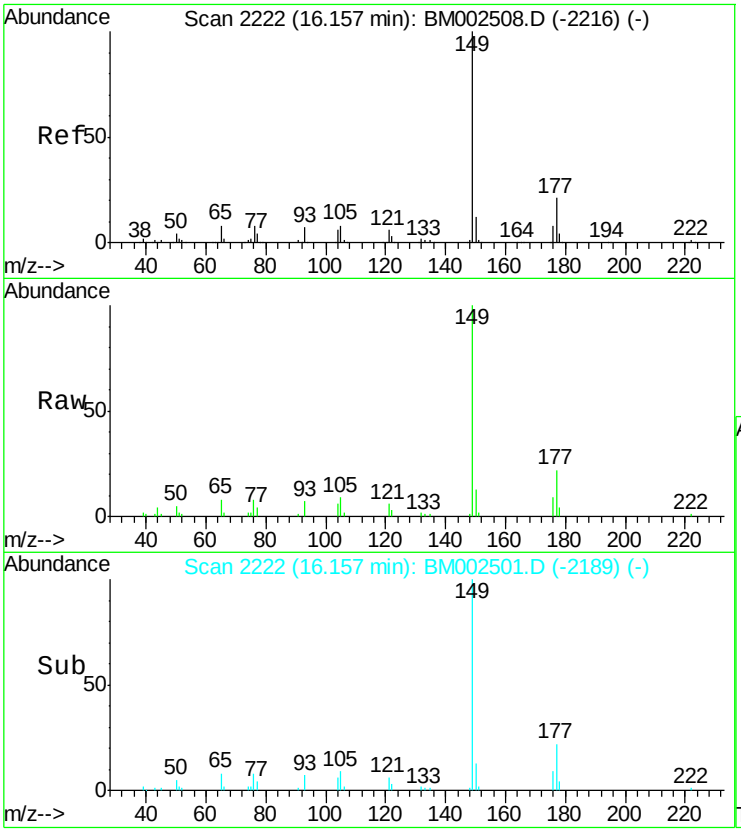


#56
2,3,4,6-Tetrachlorophenol
Concen: 2.10 ng/ul
RT: 16.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:232 Resp: 9359

Ion	Ratio	Lower	Upper
232	100		
131	50.7	42.2	63.4
130	0.0	2.2	3.4#
166	36.9	27.9	41.9

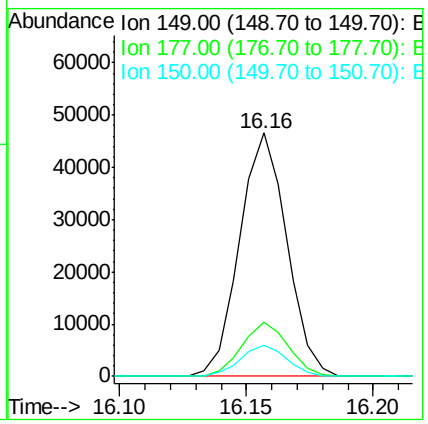




#57
Diethylphthalate
Concen: 2.30 ng/ul
RT: 16.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:149 Resp: 60382

Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.7	25.1
150	12.8	9.9	14.9



Instrument :
BNA_M
ClientSampleId :
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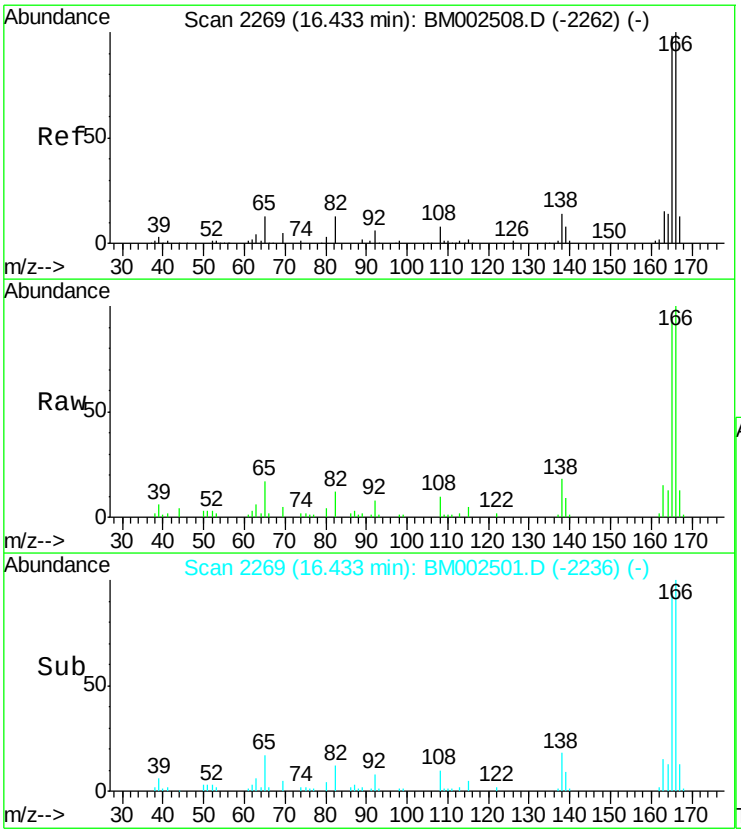
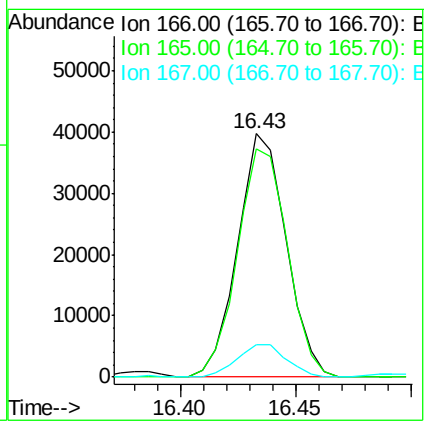
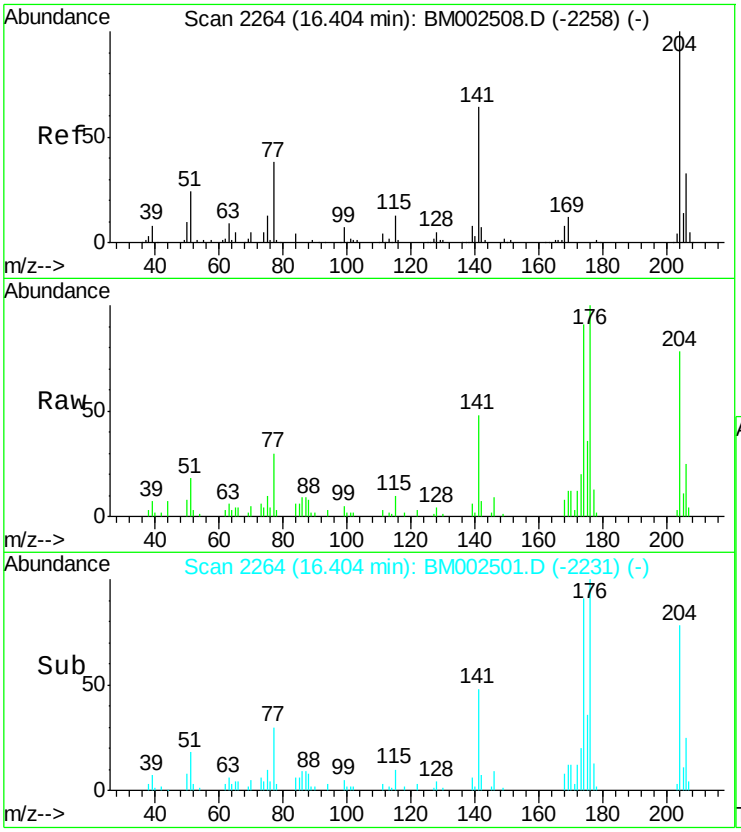


#59
Fluorene
Concen: 2.45 ng/ul
RT: 16.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:166 Resp: 58240

Ion	Ratio	Lower	Upper
166	100		
165	93.9	77.5	116.3
167	13.2	10.4	15.6





#60
4-Chlorophenyl-phenylether
Concen: 2.42 ng/ul
RT: 16.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:204 Resp: 26440

Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.0	39.0
141	61.3	53.7	80.5

Instrument :
BNA_M
ClientSampleId :
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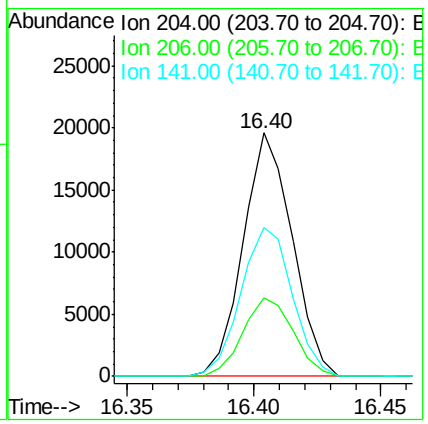
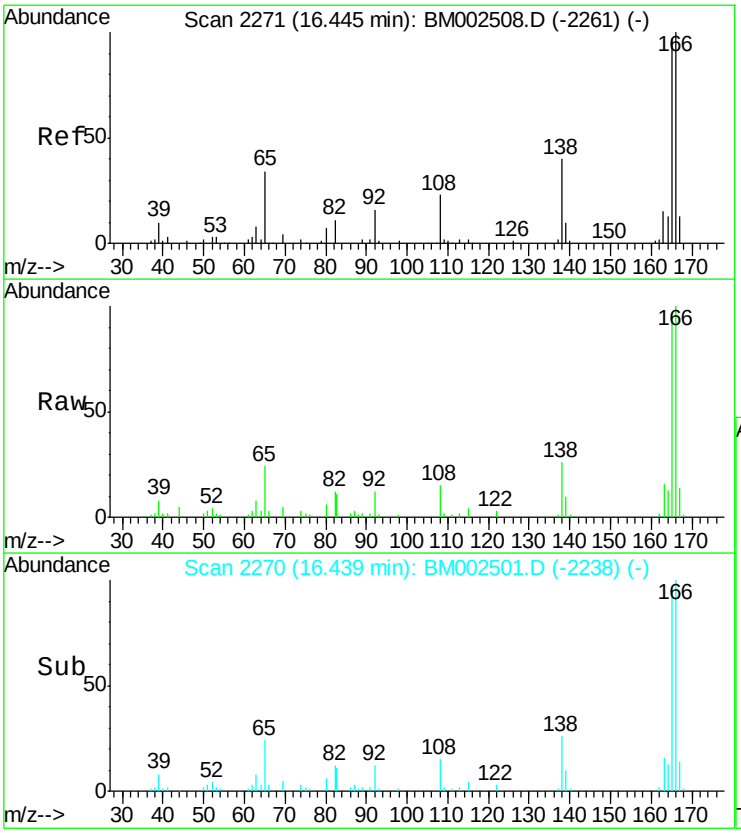
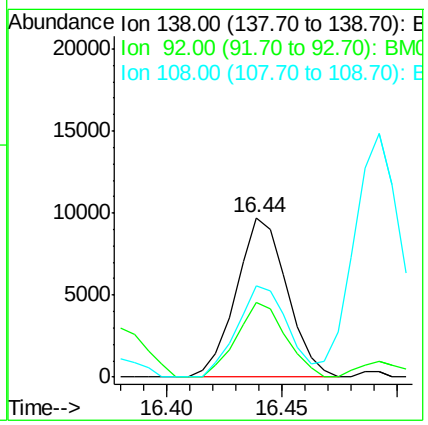


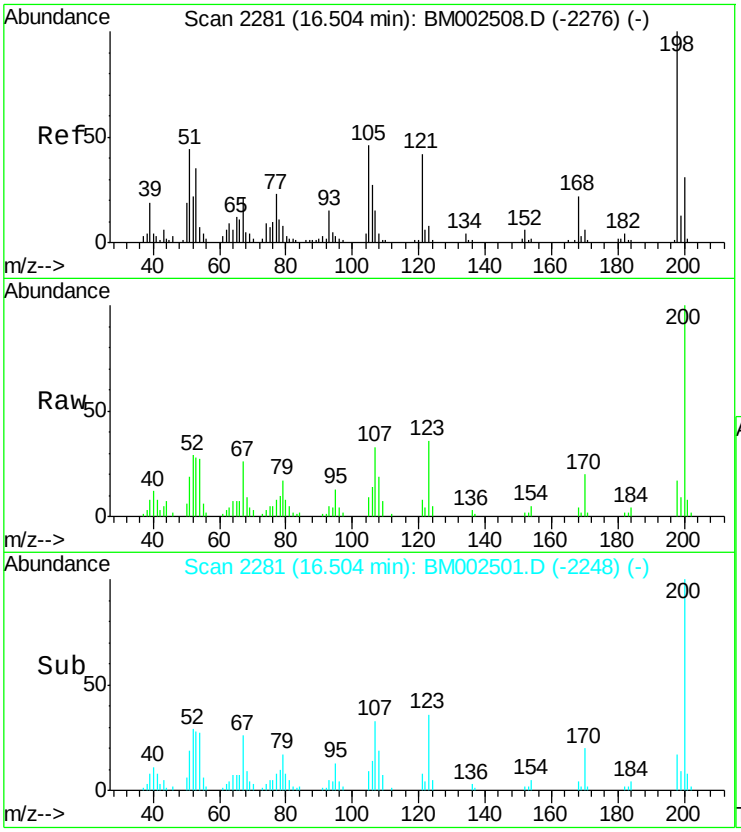


#61
4-Nitroaniline
Concen: 2.59 ng/ul
RT: 16.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:138 Resp: 14875

Ion	Ratio	Lower	Upper
138	100		
92	46.5	40.4	60.6
108	57.4	56.2	84.2





#64
4,6-Dinitro-2-methylphenol
Concen: 2.85 ng/ul
RT: 16.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Instrument :
BNA_M
ClientSampleId :
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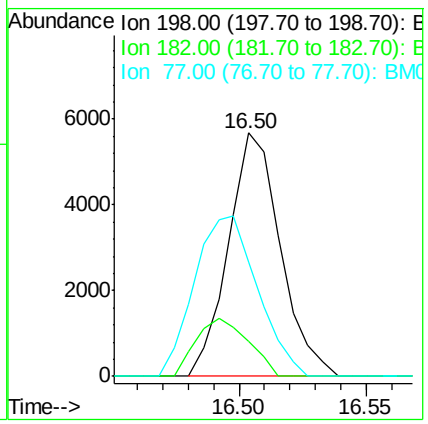
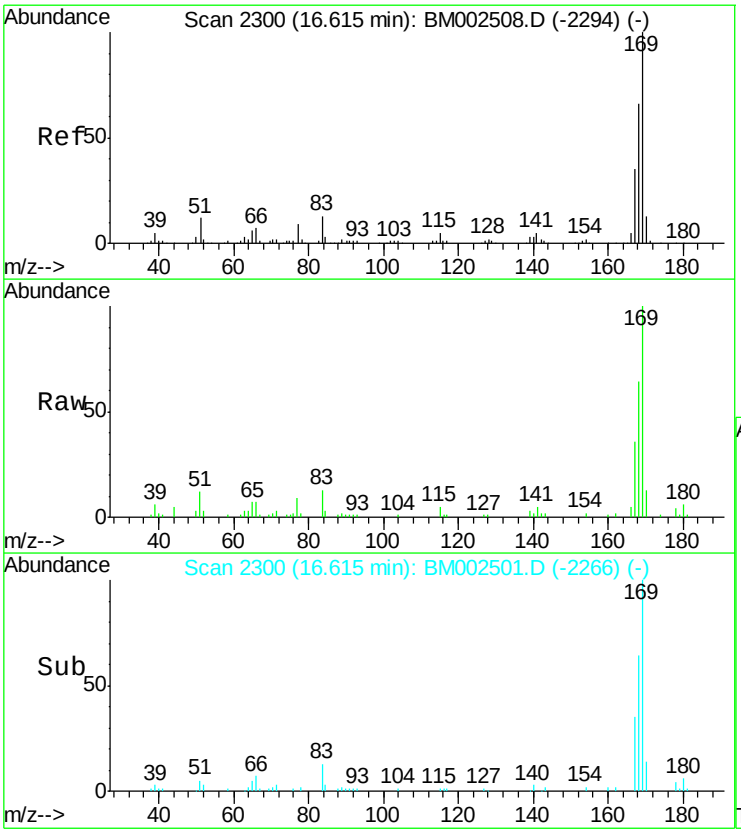
Tgt Ion:198 Resp: 8109

Ion	Ratio	Lower	Upper
198	100		
182	14.4	3.7	5.5#
77	46.9	24.2	36.4#

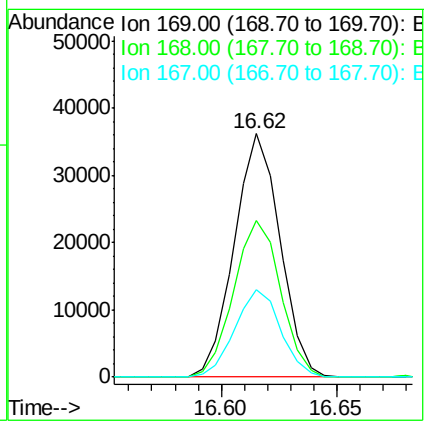


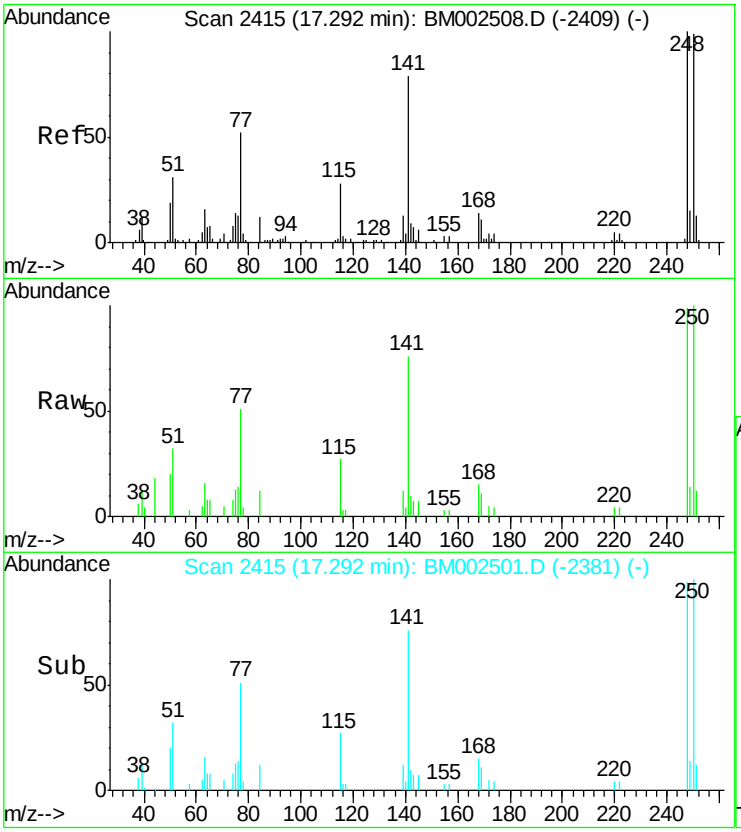


#65
N-Nitrosodiphenylamine
Concen: 2.38 ng/ul
RT: 16.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:169 Resp: 50232

Ion	Ratio	Lower	Upper
169	100		
168	64.4	53.4	80.2
167	35.8	28.8	43.2

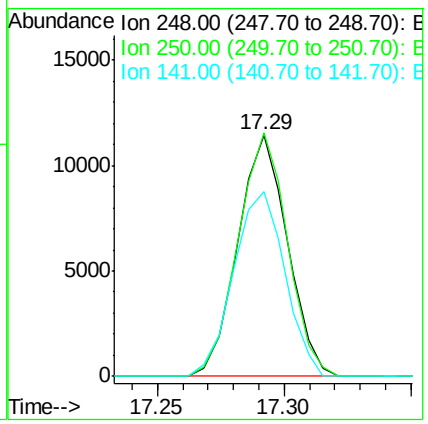




#66
4-Bromophenyl-phenylether
Concen: 2.31 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:248 Resp: 15567

Ion	Ratio	Lower	Upper
248	100		
250	100.9	78.5	117.7
141	76.3	66.2	99.4



Instrument :
BNA_M
ClientSampleId :
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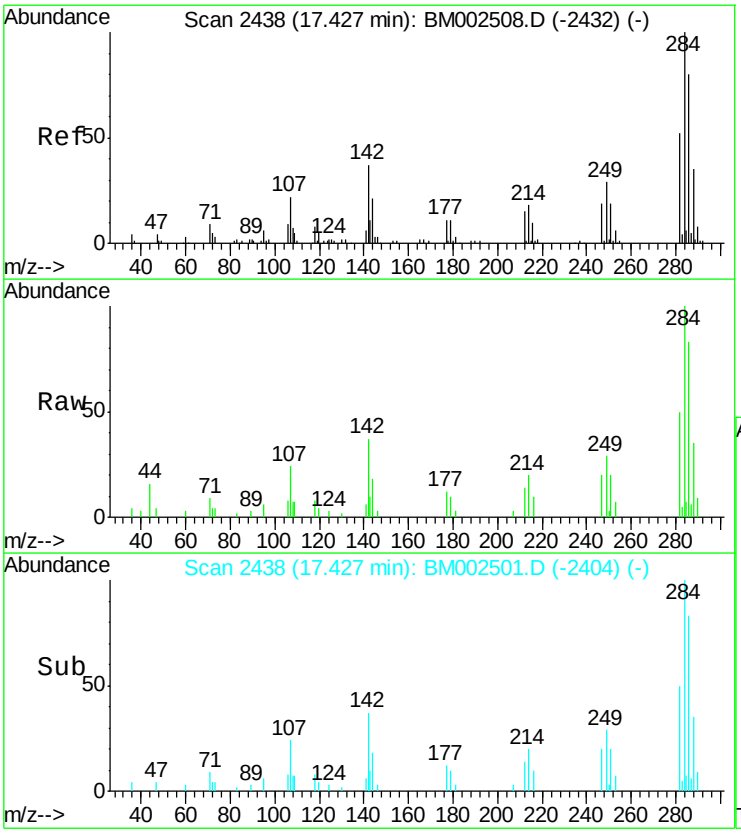
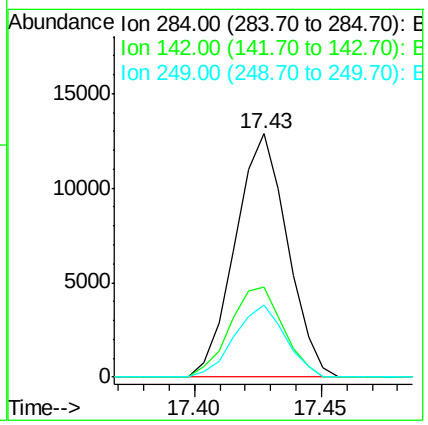
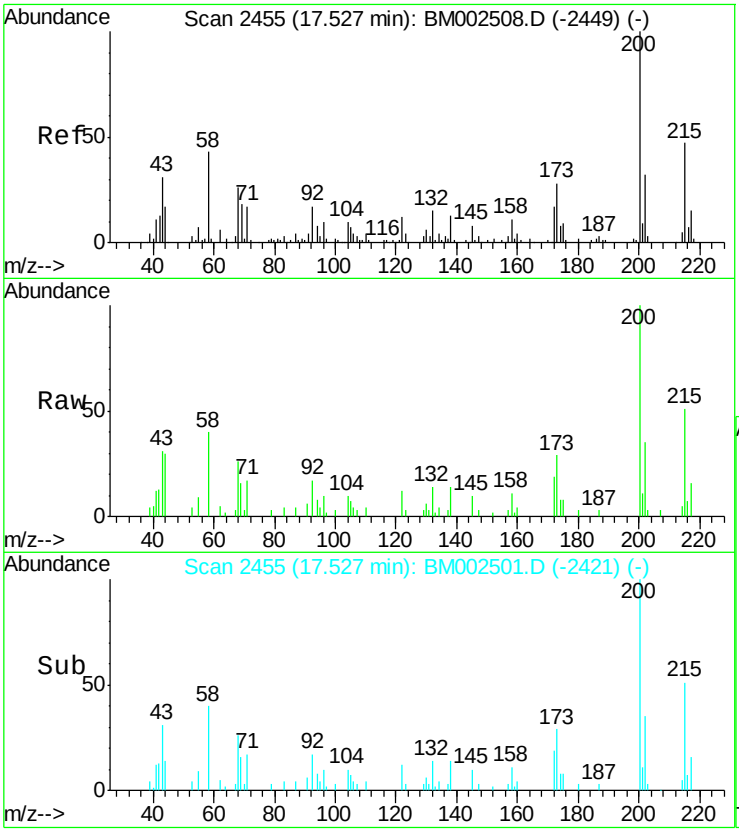


#67
Hexachlorobenzene
Concen: 2.40 ng/ul
RT: 17.43 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:284 Resp: 18381

Ion	Ratio	Lower	Upper
284	100		
142	34.8	30.2	45.4
249	27.6	24.6	36.8

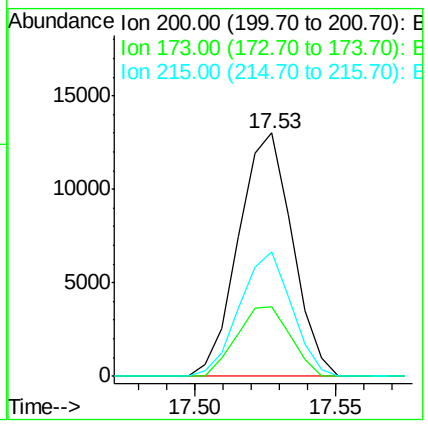




#68
Atrazine
Concen: 2.34 ng/ul
RT: 17.53 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:200 Resp: 17202

Ion	Ratio	Lower	Upper
200	100		
173	28.5	22.4	33.6
215	51.1	38.5	57.7



Instrument :
BNA_M
ClientSampleId :
MDL-01-S

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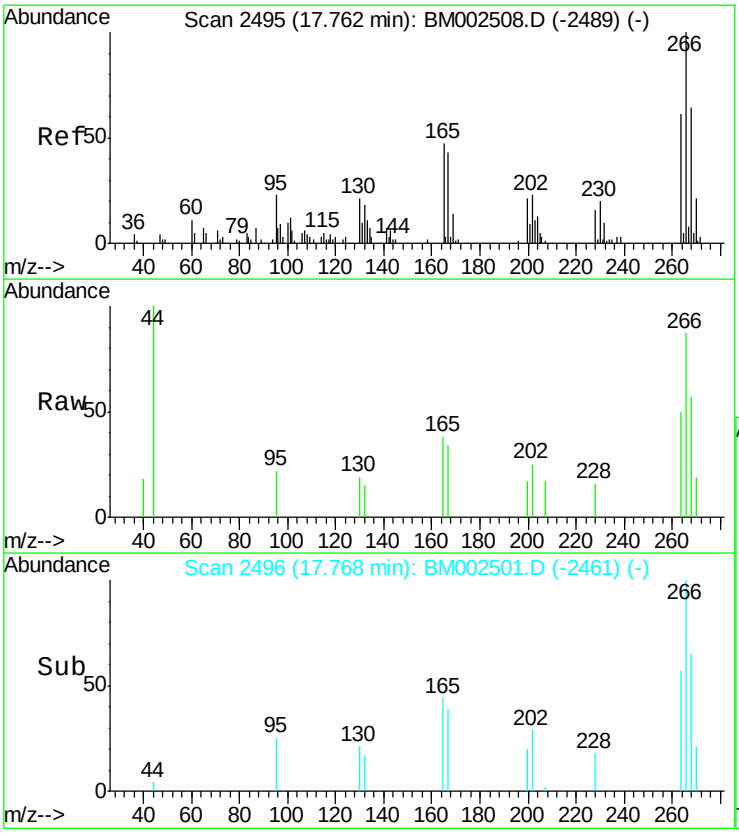
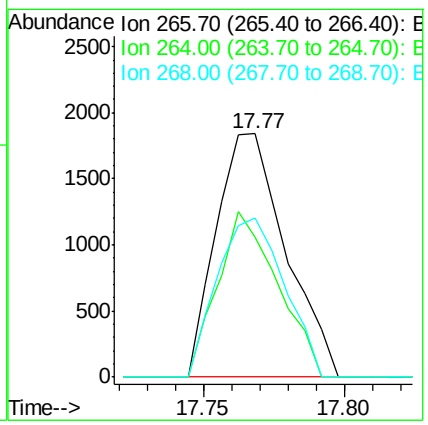
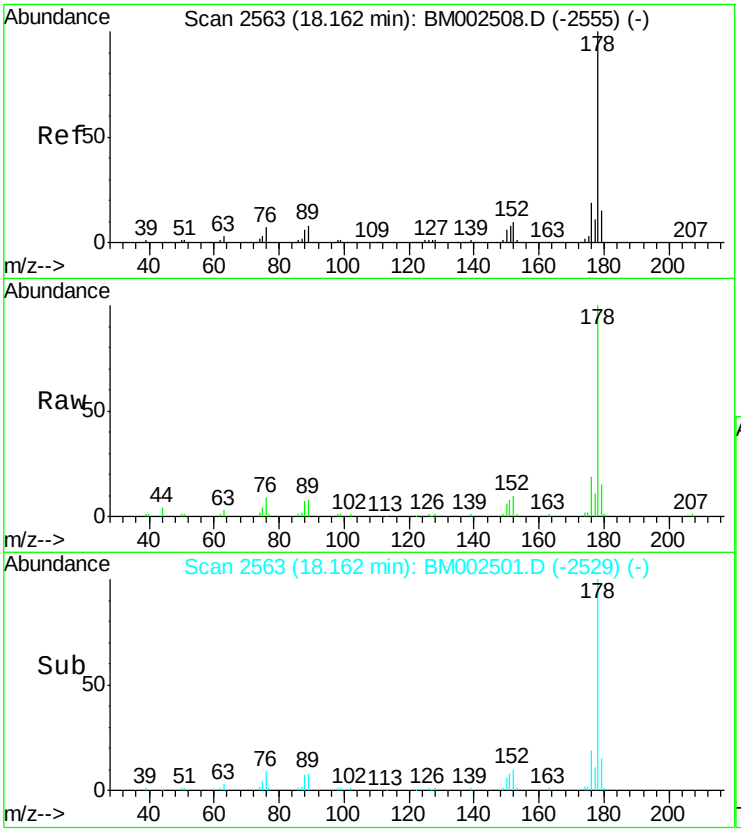


#69
Pentachlorophenol
Concen: 0.84 ng/ul
RT: 17.77 min Scan# 2496
Delta R.T. 0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:266 Resp: 3143

Ion	Ratio	Lower	Upper
266	100		
264	57.3	50.3	75.5
268	65.3	51.0	76.4

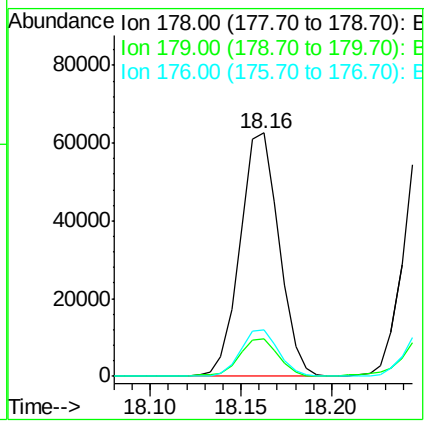




#70
Phenanthrene
Concen: 2.52 ng/ul
RT: 18.16 min Scan# 2563
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:178 Resp: 93482

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.1	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
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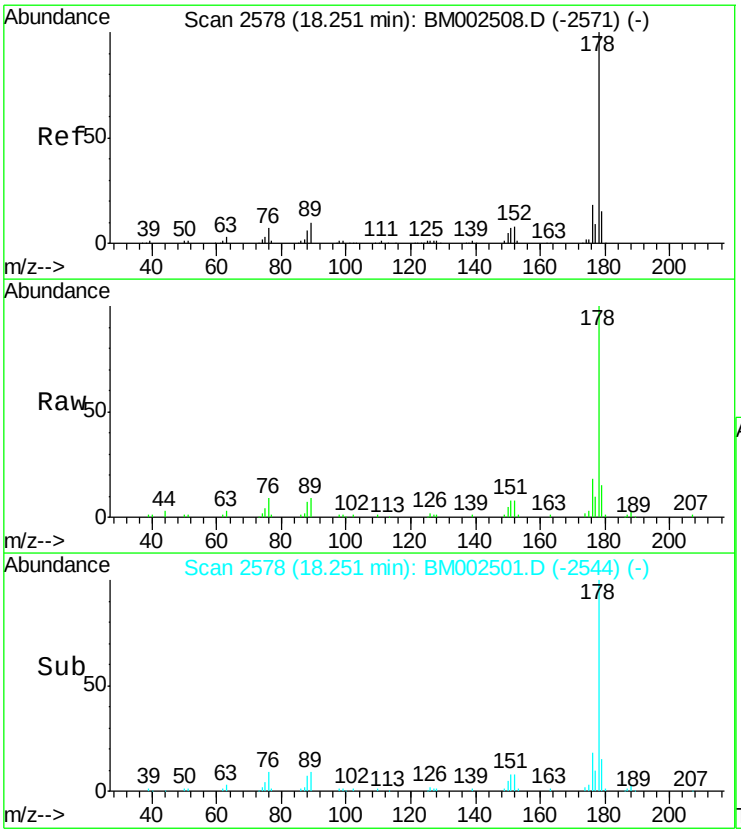
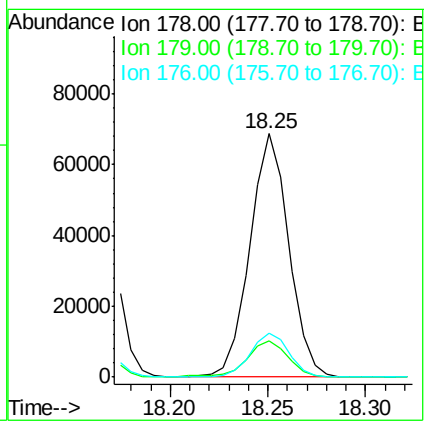
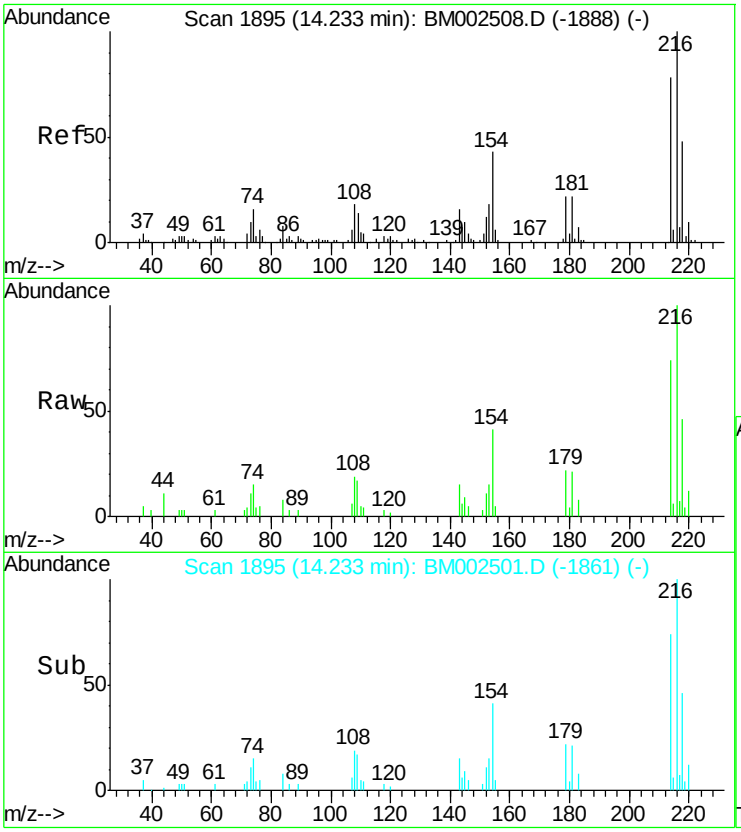


#72
Anthracene
Concen: 2.48 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:178 Resp: 94991

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	17.9	14.5	21.7





#73
1,2,3,4-Tetrachlorobenzene
Concen: 2.14 ng/uL
RT: 14.23 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:216 Resp: 18717

Ion	Ratio	Lower	Upper
216	100		
214	74.1	63.4	95.0
218	46.4	38.9	58.3

Instrument :
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ClientSampleId :
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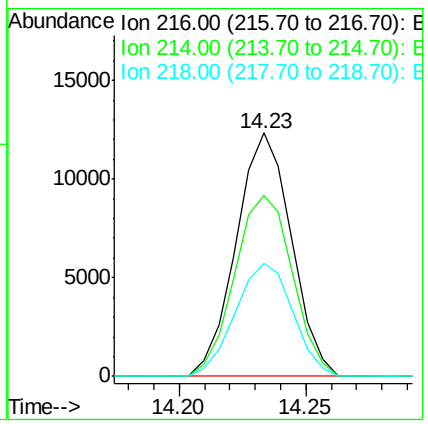
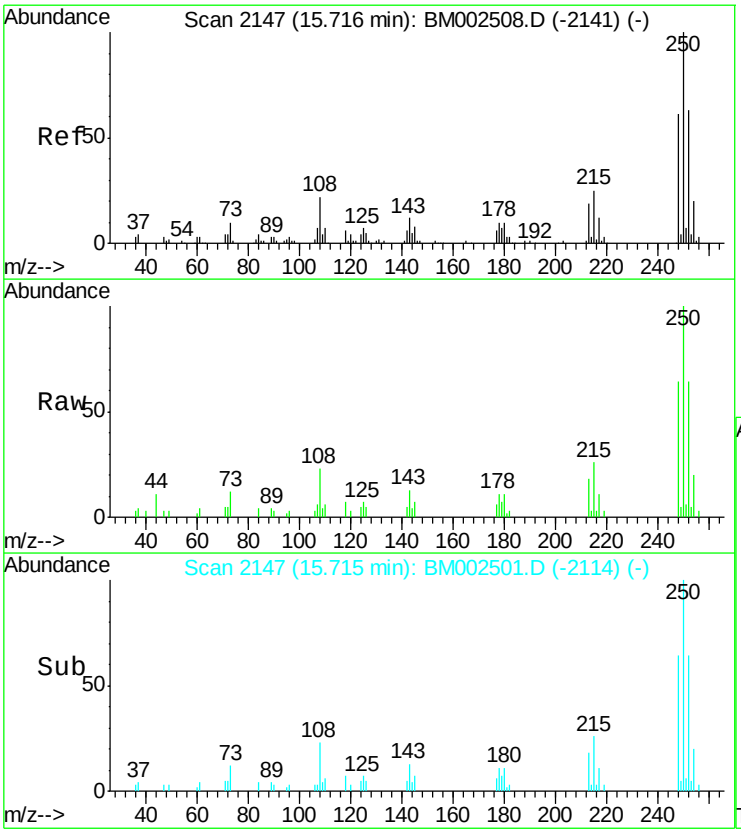
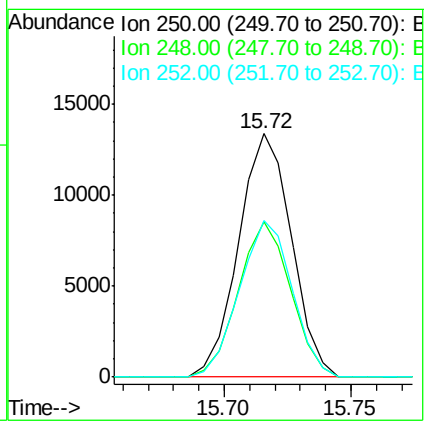


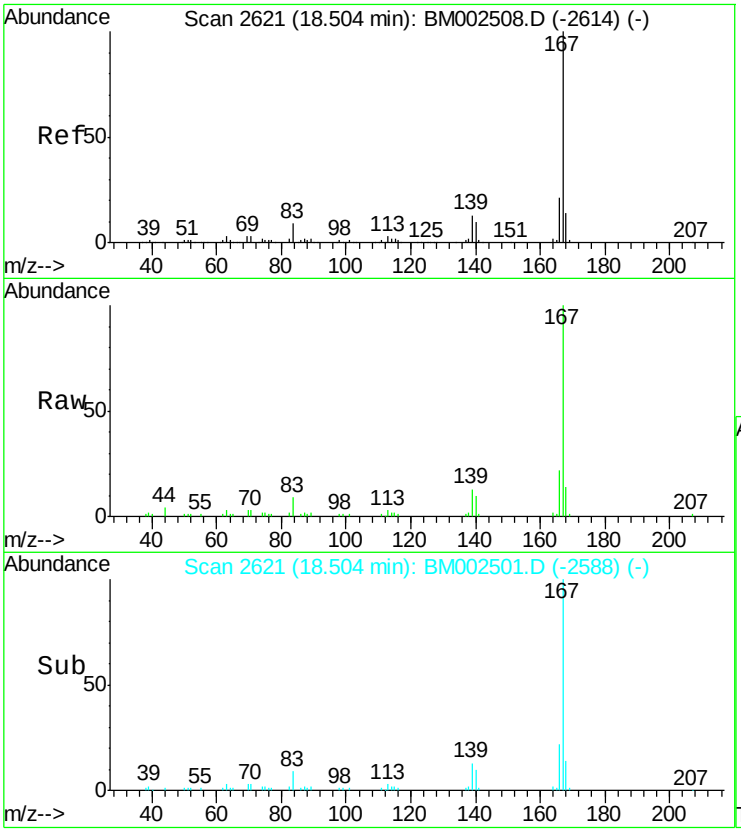


#74
Pentachlorobenzene
Concen: 2.29 ng/uL
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:250 Resp: 19432

Ion	Ratio	Lower	Upper
250	100		
248	63.9	51.0	76.6
252	64.4	50.1	75.1

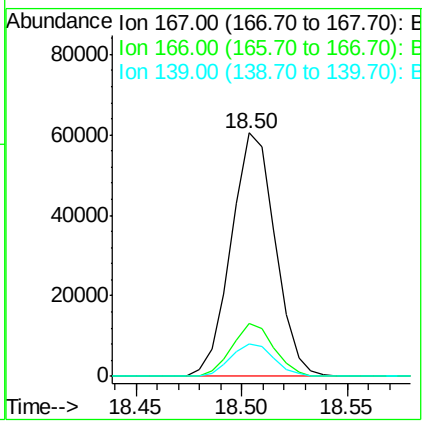




#75
Carbazole
Concen: 2.52 ng/ul
RT: 18.50 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:167 Resp: 87398

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	13.5	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
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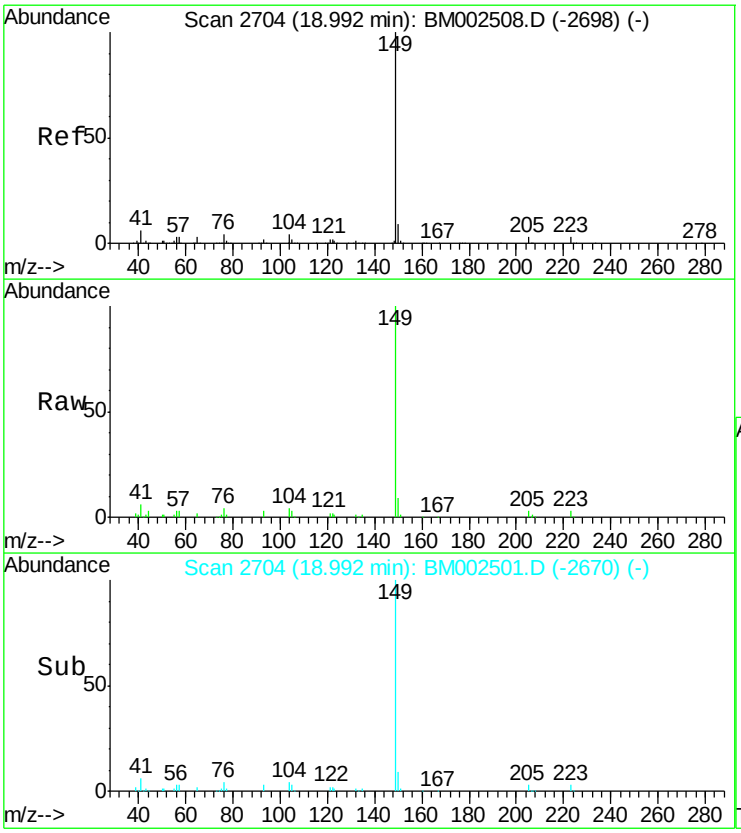
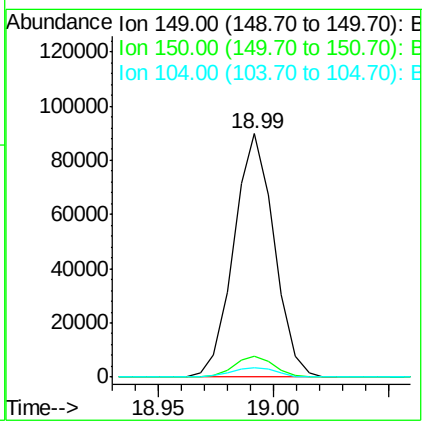
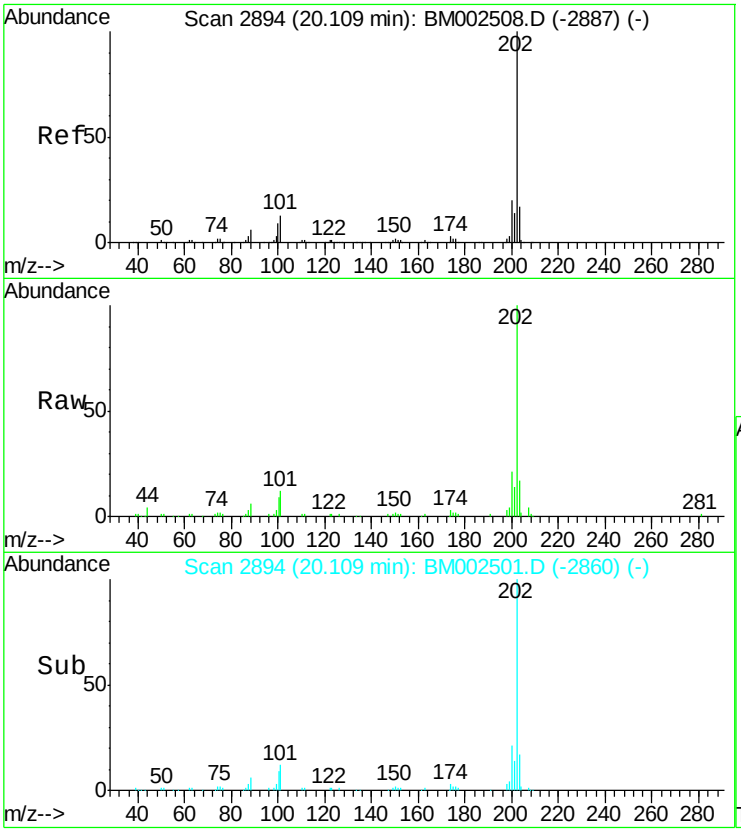


#76
Di-n-butylphthalate
Concen: 2.35 ng/ul
RT: 18.99 min Scan# 2704
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:149 Resp: 109146

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.3	10.9
104	4.0	3.8	5.6

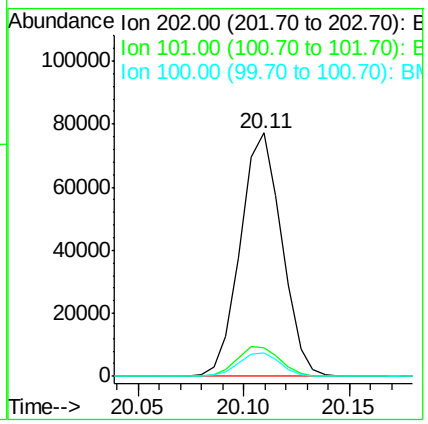




#77
Fluoranthene
Concen: 2.68 ng/ul
RT: 20.11 min Scan# 2894
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:202 Resp: 105220

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.6	15.8
100	9.4	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
MDL-01-S

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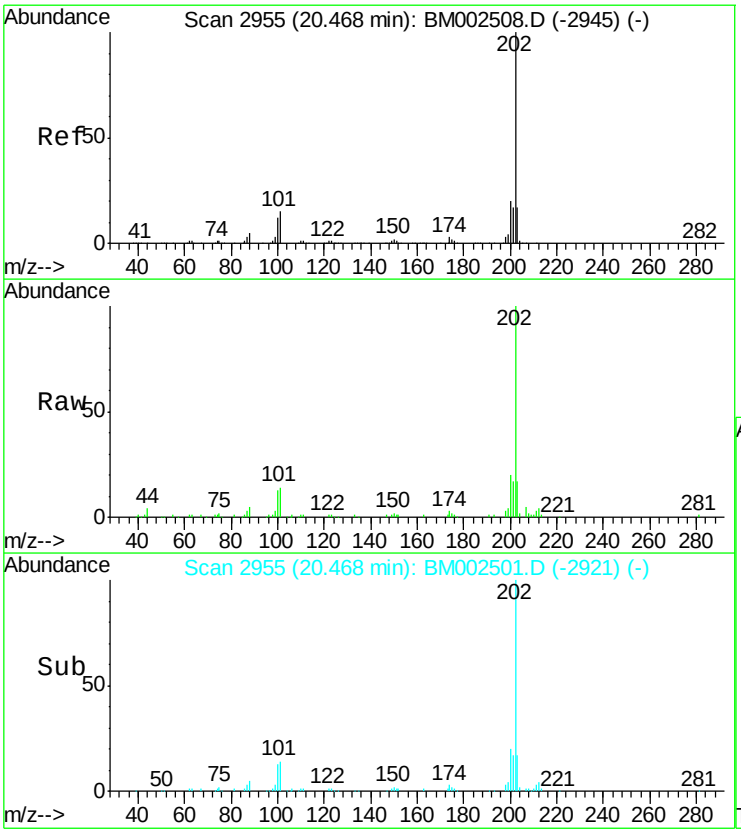
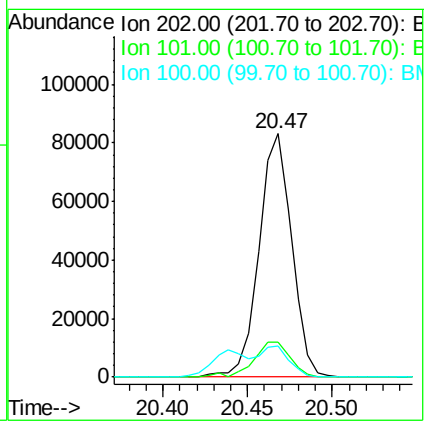
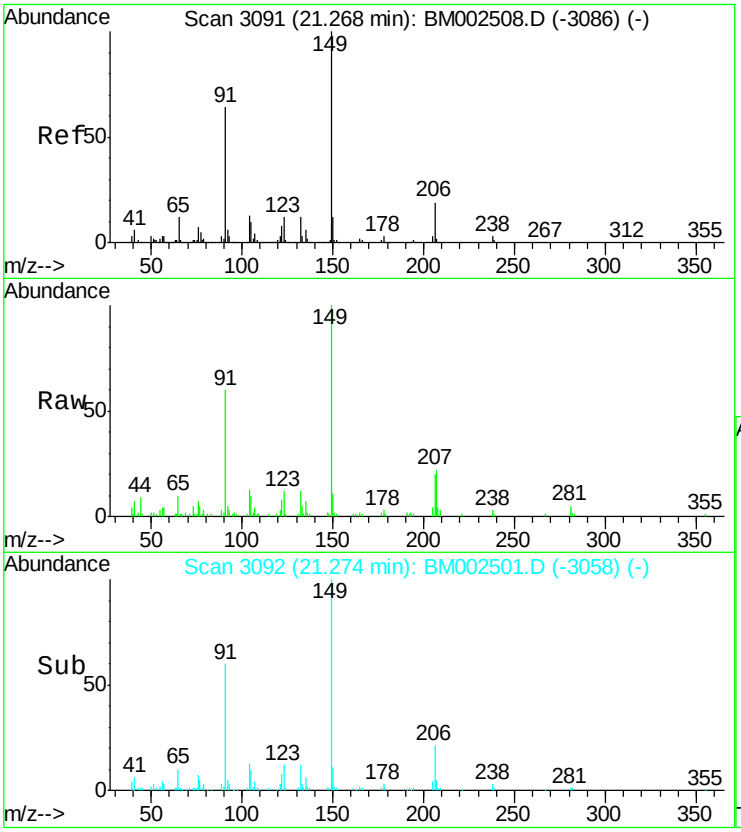


#80
Pyrene
Concen: 2.46 ng/ul
RT: 20.47 min Scan# 2955
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:202 Resp: 111612

Ion	Ratio	Lower	Upper
202	100		
101	14.4	13.0	19.6
100	12.6	11.0	16.4





#81
Butylbenzylphthalate
Concen: 2.30 ng/ul
RT: 21.27 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:149 Resp: 51677

Ion	Ratio	Lower	Upper
149	100		
91	59.6	57.5	86.3
206	20.5	15.2	22.8

Instrument :
BNA_M
ClientSampleId :
MDL-01-S

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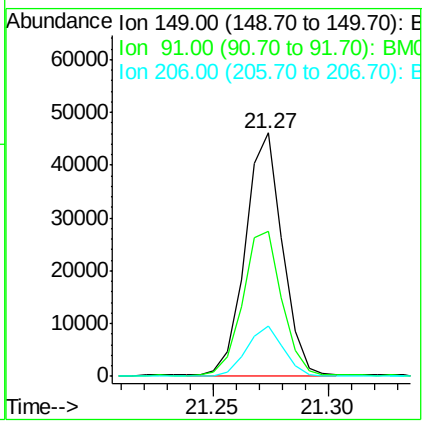
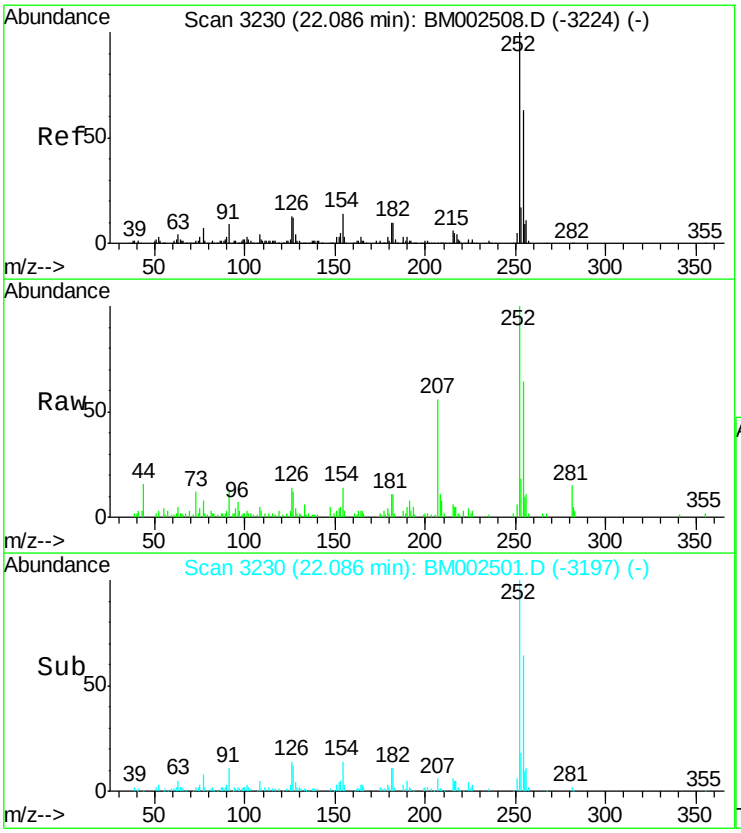
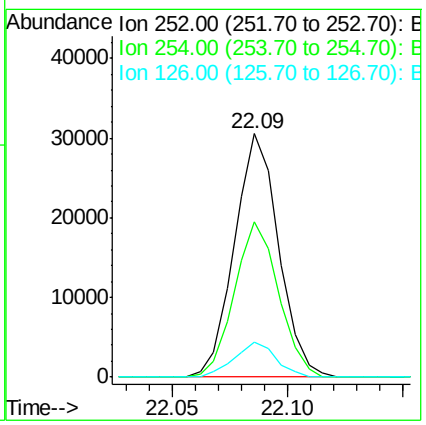


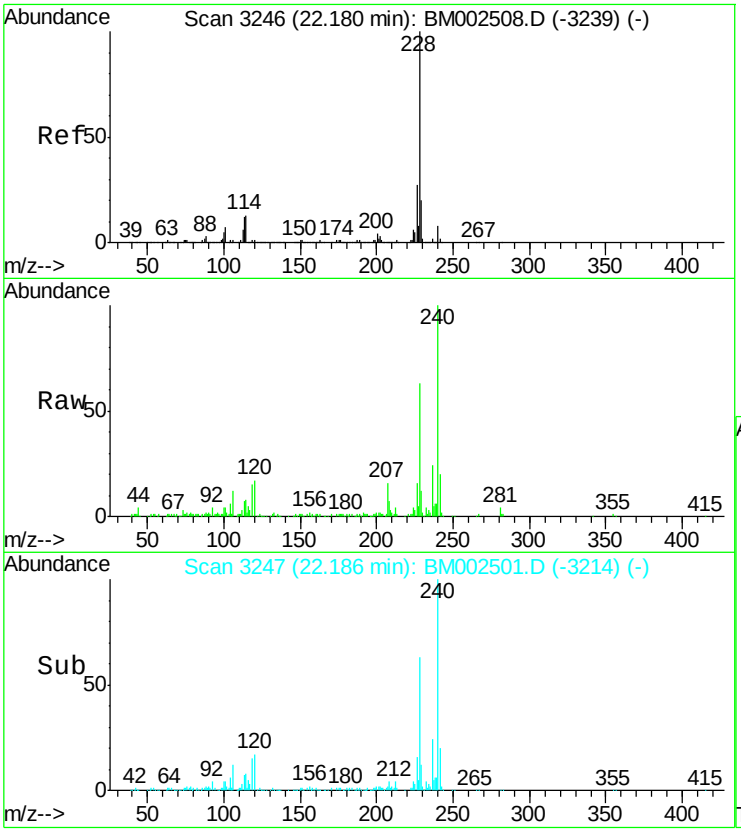


#82
3,3'-Dichlorobenzidine
Concen: 3.02 ng/ul
RT: 22.09 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:252 Resp: 40721

Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.5	78.7
126	14.5	11.8	17.8





#83
Benzo(a)anthracene
Concen: 2.53 ng/ul
RT: 22.19 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:228 Resp: 108354

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.7	23.5
226	25.6	21.4	32.0

Instrument :
BNA_M
ClientSampleId :
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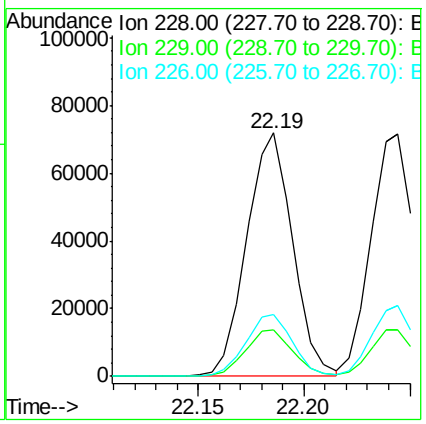
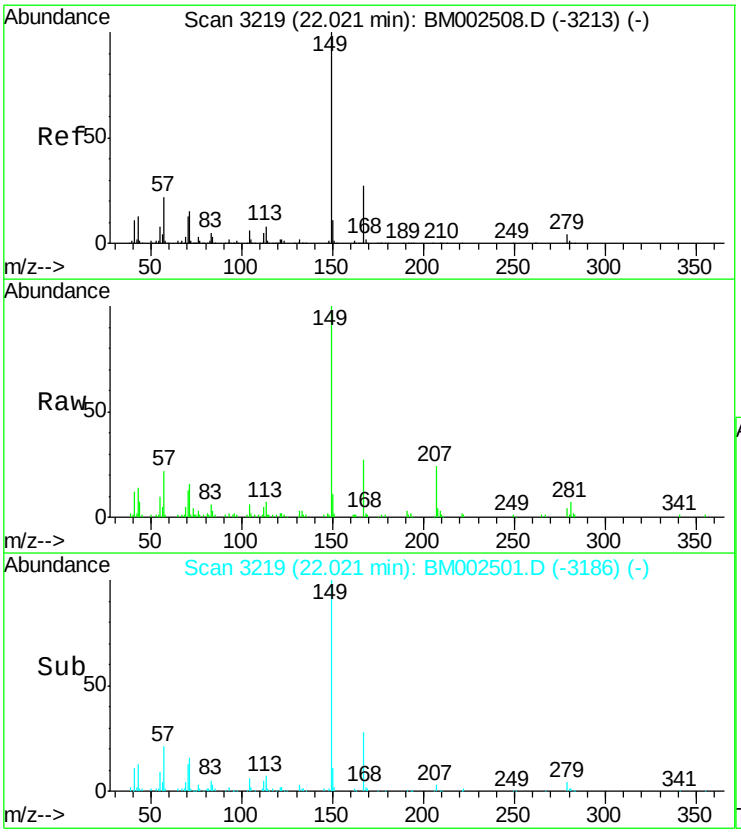
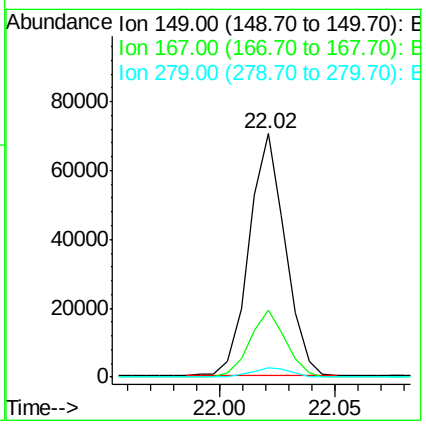


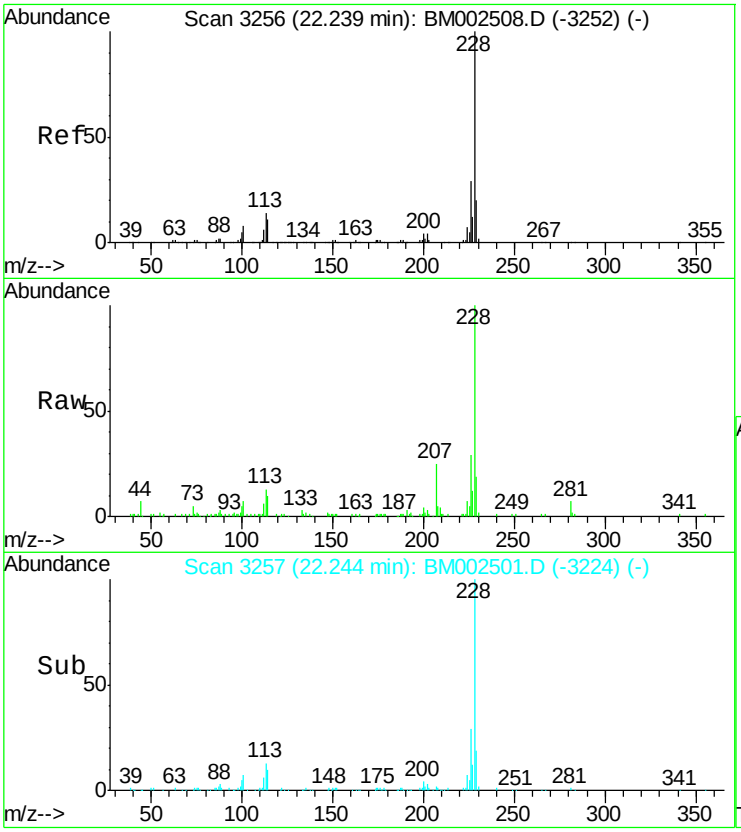


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.36 ng/ul
RT: 22.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:149 Resp: 76757

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.4	32.2
279	4.1	3.2	4.8





#85
Chrysene
Concen: 2.50 ng/ul
RT: 22.24 min Scan# 3257
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:228 Resp: 101690

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.0
229	19.3	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
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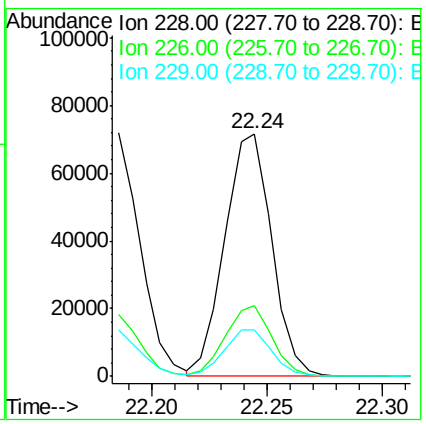
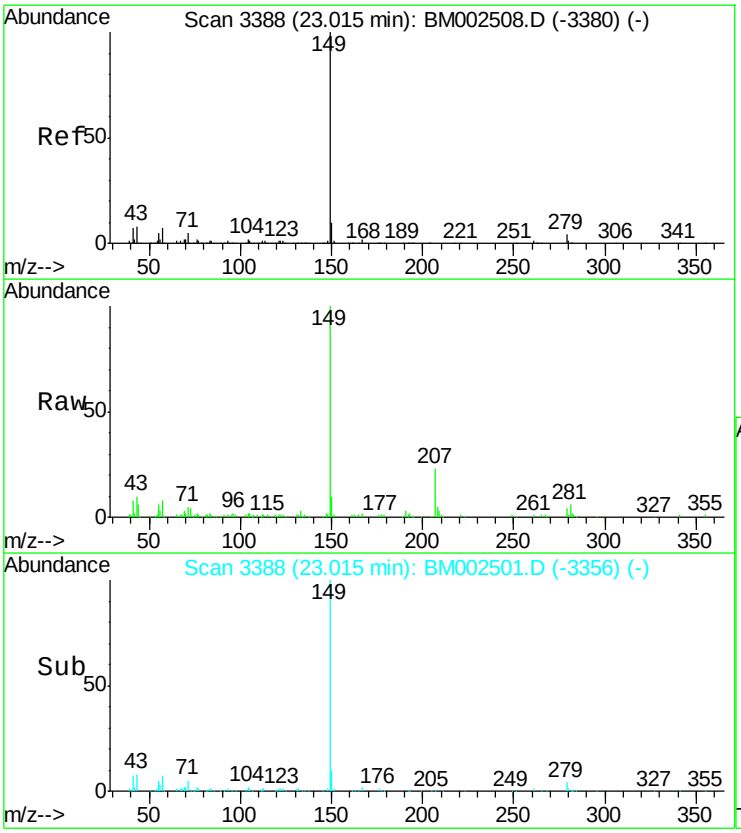
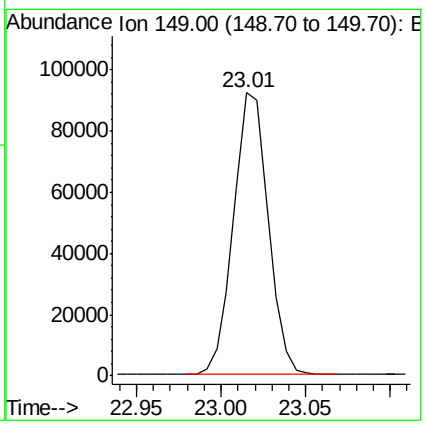
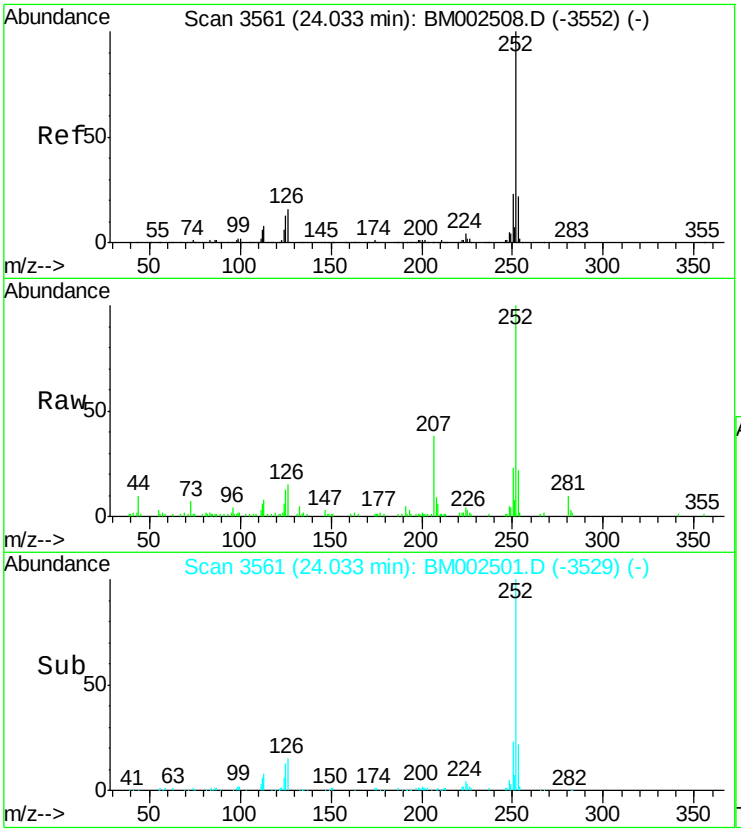




#87
Di-n-octyl phthalate
Concen: 2.39 ng/ul
RT: 23.01 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:149 Resp: 131674

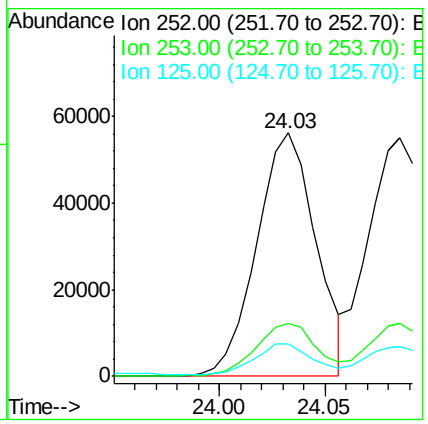




#88
Benzo(b)fluoranthene
Concen: 2.45 ng/ul
RT: 24.03 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:252 Resp: 109614

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	13.2	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
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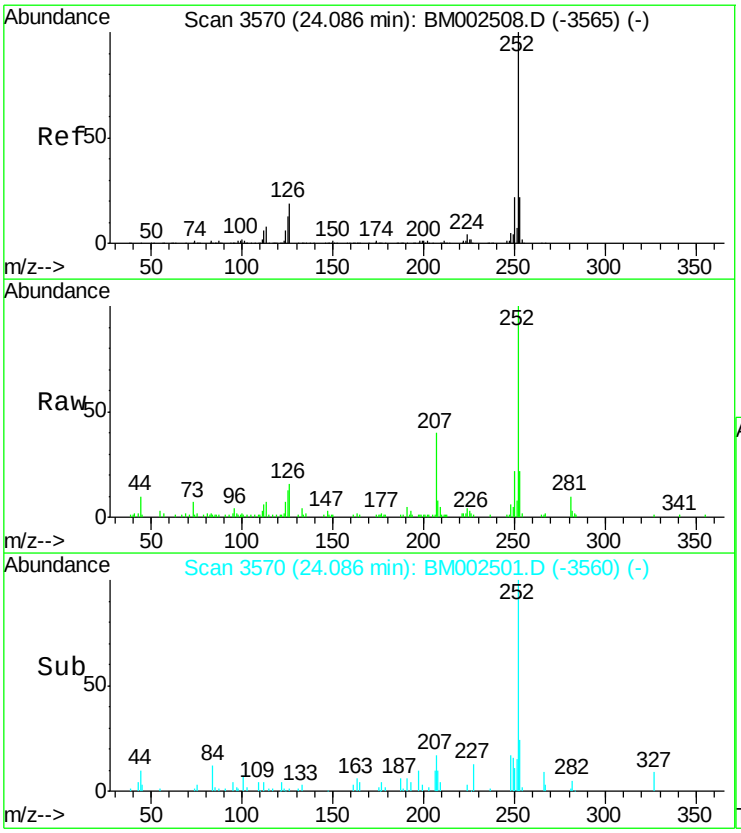
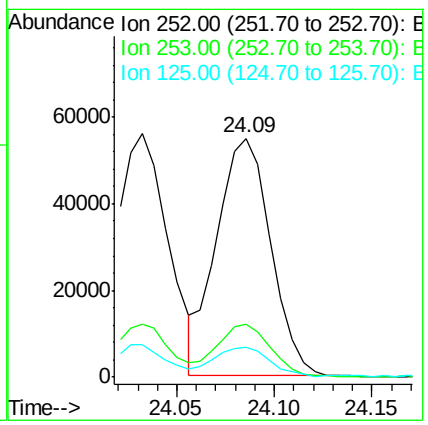
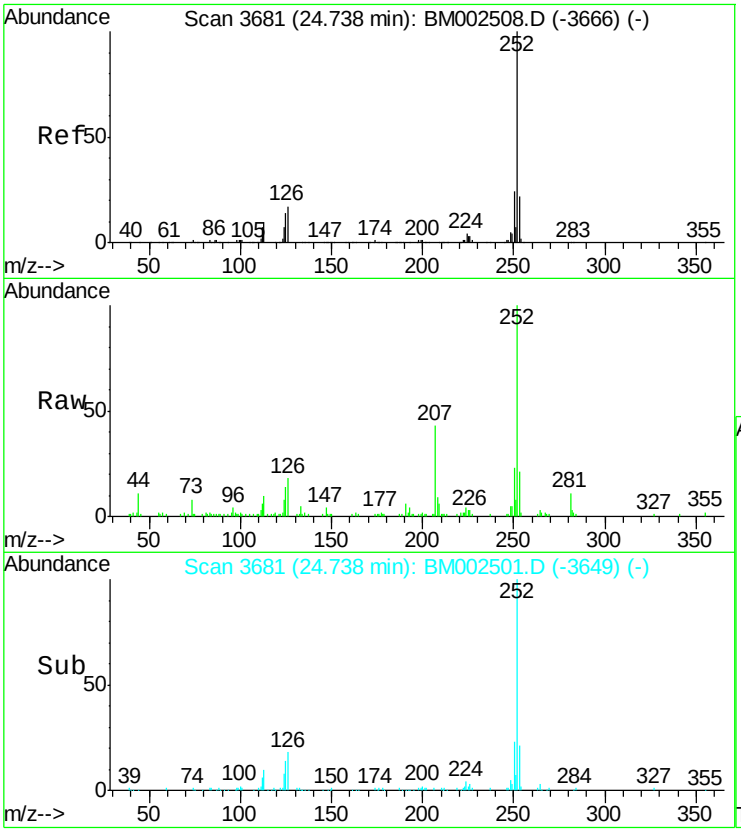


#89
Benzo(k)fluoranthene
Concen: 2.45 ng/ul
RT: 24.09 min Scan# 3570
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:252 Resp: 105294

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	12.5	10.2	15.4

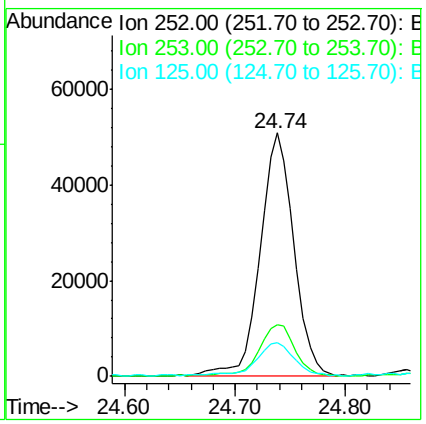




#91
Benzo(a)pyrene
Concen: 2.54 ng/ul
RT: 24.74 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:252 Resp: 108714

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	13.8	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
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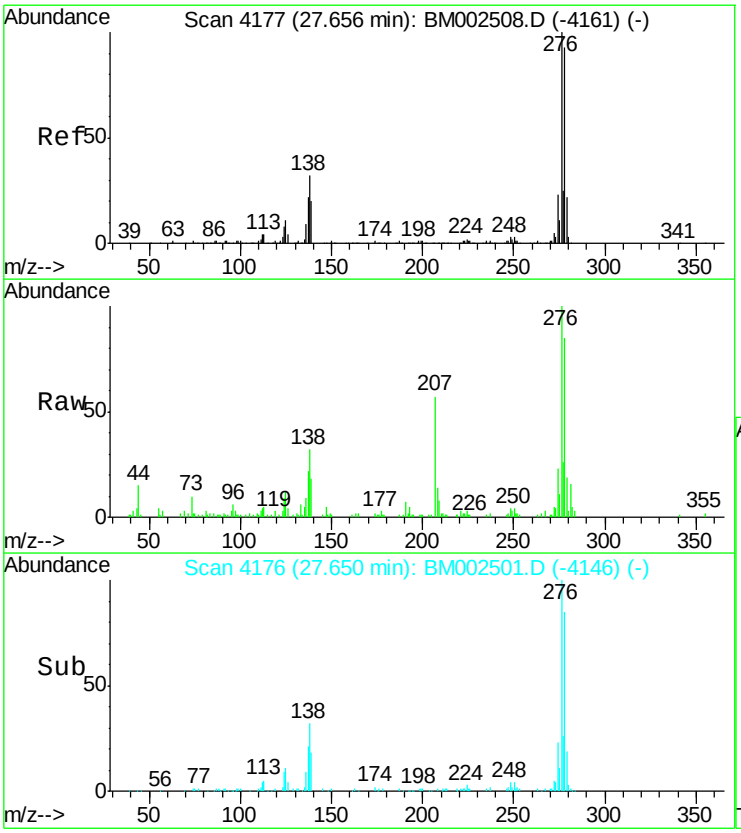
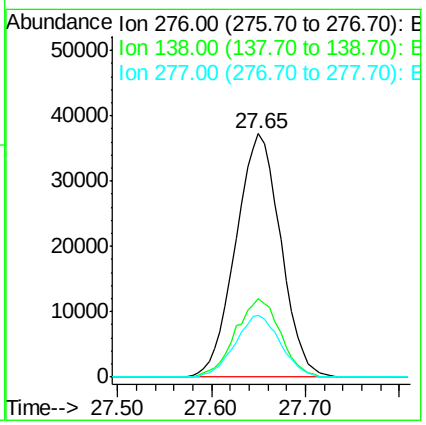
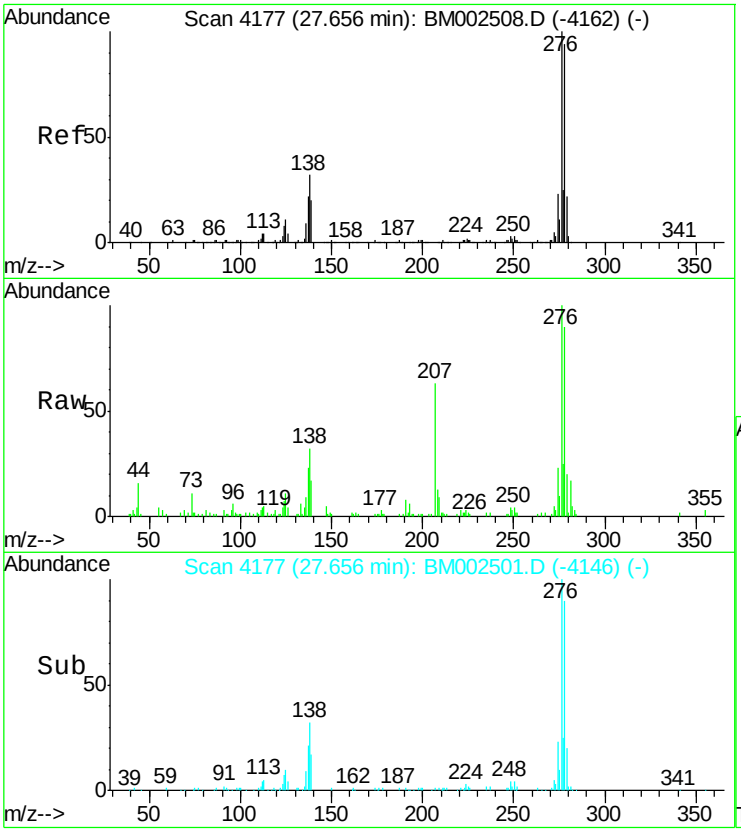


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.52 ng/ul
RT: 27.65 min Scan# 4176
Delta R.T. -0.02 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:276 Resp: 123586

Ion	Ratio	Lower	Upper
276	100		
138	32.2	25.6	38.4
277	25.5	21.0	31.4

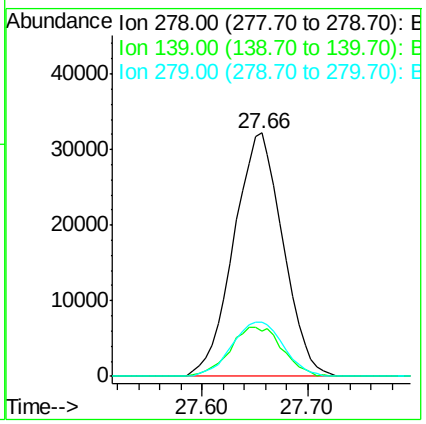




#93
Dibenzo(a,h)anthracene
Concen: 2.49 ng/ul
RT: 27.66 min Scan# 4177
Delta R.T. -0.02 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:278 Resp: 103857

Ion	Ratio	Lower	Upper
278	100		
139	18.7	16.4	24.6
279	22.4	18.8	28.2



Instrument :
BNA_M
ClientSampleId :
MDL-01-S

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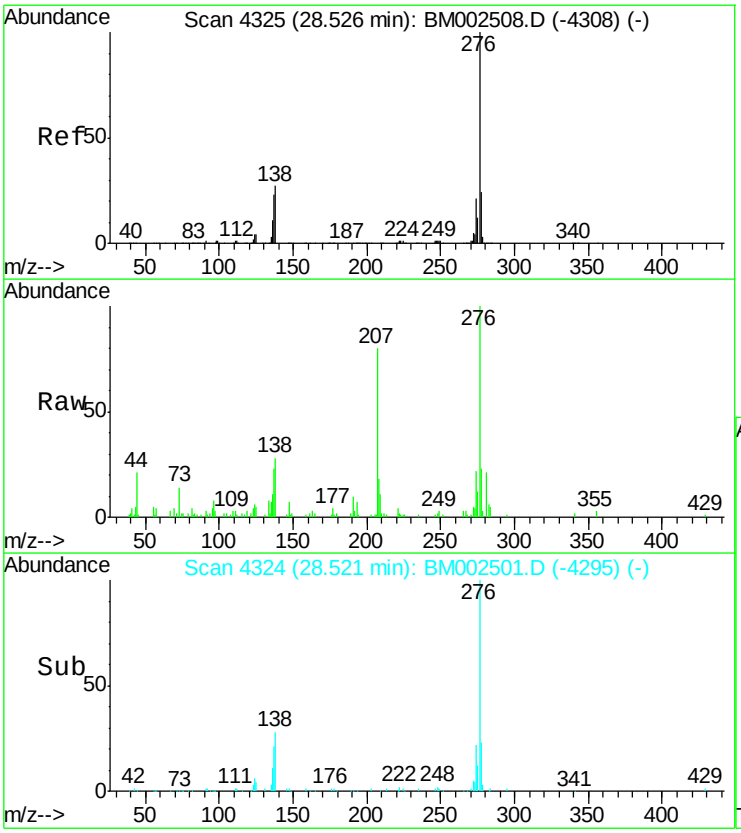

#94
Benzo(g,h,i)perylene
Concen: 2.47 ng/ul
RT: 28.52 min Scan# 4324
Delta R.T. -0.03 min
Lab File: BM002501.D
Acq: 19 Aug 2015 21:18

Tgt Ion:276 Resp: 102326

Ion	Ratio	Lower	Upper
276	100		
138	28.0	20.5	30.7
277	23.3	19.0	28.6