Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002492.D
Acq On : 19 Aug 2015 15:41
Operator : UM/IZ
Sample : MDL-01-W
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-01-W

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:35:31 PM

Quant Time: Aug 20 03:21:20 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	97082	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	465974	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.42	164	269115	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	592957	20.00	ng/ul	0.00
78) Chrysene-d12	22.21	240	638672	20.00	ng/ul	0.00
86) Perylene-d12	24.87	264	656200	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.86	96	10437	4.97	ng/uL	0.00
5) Phenol-d5	7.93	99	221269	25.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	125348	24.17	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	199660	27.51	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	199676	26.54	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	104794	30.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.76	143	113222	36.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.30	165	186638	27.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.82	131	301267	33.49	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	648357	29.27	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	801477	28.75	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	116658	29.18	ng/ul	0.00
58) Fluorene-d10	16.39	176	544090	28.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.50	200	85018	36.49	ng/ul	0.00
71) Anthracene-d10	18.22	188	848204	29.48	ng/ul	0.00
79) Pyrene-d10	20.44	212	898525	29.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.70	264	1042457	29.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	926	0.39	ng/uL#	1
4) Benzaldehyde	7.93	77	12523	2.42	ng/ul	97
6) Phenol	7.96	94	18482	2.05	ng/ul	96
8) Bis(2-Chloroethyl)ether	8.21	93	15648	2.26	ng/ul	89
10) 2-Chlorophenol	8.37	128	16280	2.20	ng/ul	91
11) 2-Methylphenol	9.26	108	14803	2.08	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.35	45	21559	1.75	ng/ul#	94
14) Acetophenone	9.66	105	26050	2.32	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.63	70	12422	2.06	ng/ul	92
16) 4-Methylphenol	9.59	108	16458	2.11	ng/ul	94
17) Hexachloroethane	9.94	117	5929	2.03	ng/ul	95
20) Nitrobenzene	10.07	77	17344	2.14	ng/ul	90
21) Isophorone	10.58	82	35314	2.18	ng/ul	98
23) 2-Nitrophenol	10.79	139	9914	2.82	ng/ul	89
24) 2,4-Dimethylphenol	10.82	107	18459	2.14	ng/ul	99
25) Bis(2-Chloroethoxy)methane	11.05	93	21377	2.14	ng/ul	98
27) 2,4-Dichlorophenol	11.32	162	15567	2.39	ng/ul#	80
28) Naphthalene	11.75	128	57100	2.33	ng/ul	97
30) 4-Chloroaniline	11.84	127	25916	2.90	ng/ul	97
31) Hexachlorobutadiene	11.99	225	8807	2.34	ng/ul	91
32) Caprolactam	12.58	113	5775m	2.15	ng/ul	
33) 4-Chloro-3-methylphenol	12.90	107	17483	2.14	ng/ul	90
34) 2-Methylnaphthalene	13.29	142	41405	2.36	ng/ul	98

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Sample : MDL-01-W
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-01-W

Manual Integrations APPROVED
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8/20/2015 3:35:31 PM

Quant Time: Aug 20 03:21:20 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)
37) 1,2,4,5-Tetrachlorobenzene	13.65	216	18257	2.36 ng/ul	99
38) Hexachlorocyclopentadiene	13.61	237	2789	0.61 ng/ul#	90
39) 2,4,6-Trichlorophenol	13.87	196	11547	2.40 ng/ul	97
40) 2,4,5-Trichlorophenol	13.95	196	12368	2.29 ng/ul	93
41) 1,1'-Biphenyl	14.26	154	53719	2.36 ng/ul	98
42) 2-Chloronaphthalene	14.32	162	40077	2.32 ng/ul	98
43) 2-Nitroaniline	14.50	65	10438	1.99 ng/ul#	86
45) Dimethylphthalate	14.83	163	54805	2.42 ng/ul	100
46) 2,6-Dinitrotoluene	14.97	165	10023	2.37 ng/ul	96
48) Acenaphthylene	15.15	152	70001	2.42 ng/ul	99
49) 3-Nitroaniline	15.30	138	12606	2.75 ng/ul#	89
50) Acenaphthene	15.47	153	45572	2.34 ng/ul	98
51) 2,4-Dinitrophenol	15.52	184	1526	1.04 ng/ul#	1
53) 4-Nitrophenol	15.59	109	5889	2.01 ng/ul	89
54) Dibenzofuran	15.80	168	63661	2.45 ng/ul	97
55) 2,4-Dinitrotoluene	15.75	165	15142	2.52 ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	16.02	232	8545	2.08 ng/ul#	99
57) Diethylphthalate	16.16	149	56420	2.33 ng/ul	98
59) Fluorene	16.44	166	54068	2.47 ng/ul	99
60) 4-Chlorophenyl-phenylether	16.41	204	24354	2.42 ng/ul	95
61) 4-Nitroaniline	16.44	138	13557	2.56 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	16.51	198	7071	2.70 ng/ul#	71
65) N-Nitrosodiphenylamine	16.62	169	45322	2.33 ng/ul	98
66) 4-Bromophenyl-phenylether	17.30	248	14033	2.26 ng/ul	96
67) Hexachlorobenzene	17.43	284	16417	2.33 ng/ul	96
68) Atrazine	17.53	200	16402	2.42 ng/ul	97
69) Pentachlorophenol	17.77	266	2662	0.77 ng/ul	97
70) Phenanthrene	18.16	178	85233	2.50 ng/ul	99
72) Anthracene	18.26	178	85859	2.44 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.24	216	16919	2.10 ng/uL	98
74) Pentachlorobenzene	15.72	250	17984	2.31 ng/uL	96
75) Carbazole	18.51	167	80116	2.51 ng/ul	99
76) Di-n-butylphthalate	19.00	149	101035	2.36 ng/ul	98
77) Fluoranthene	20.12	202	95996	2.66 ng/ul	98
80) Pyrene	20.47	202	102224	2.48 ng/ul	94
81) Butylbenzylphthalate	21.28	149	47335	2.32 ng/ul	88
82) 3,3'-Dichlorobenzidine	22.09	252	37755	3.08 ng/ul	98
83) Benzo(a)anthracene	22.19	228	97997	2.51 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	22.03	149	70524	2.39 ng/ul	99
85) Chrysene	22.25	228	92136	2.49 ng/ul	99
87) Di-n-octyl phthalate	23.03	149	121502	2.43 ng/ul	100
88) Benzo(b)fluoranthene	24.04	252	101325	2.48 ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	95022	2.43 ng/ul	98
91) Benzo(a)pyrene	24.75	252	97153	2.49 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	27.66	276	113830	2.54 ng/ul	97
93) Dibenzo(a,h)anthracene	27.67	278	95347	2.52 ng/ul	99
94) Benzo(g,h,i)perylene	28.54	276	93079	2.47 ng/ul	96

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

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002492.D
Acq On : 19 Aug 2015 15:41
Operator : UM/IZ
Sample : MDL-01-W
Misc :
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Quant Time: Aug 20 03:21:20 2015
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Manual Integrations APPROVED
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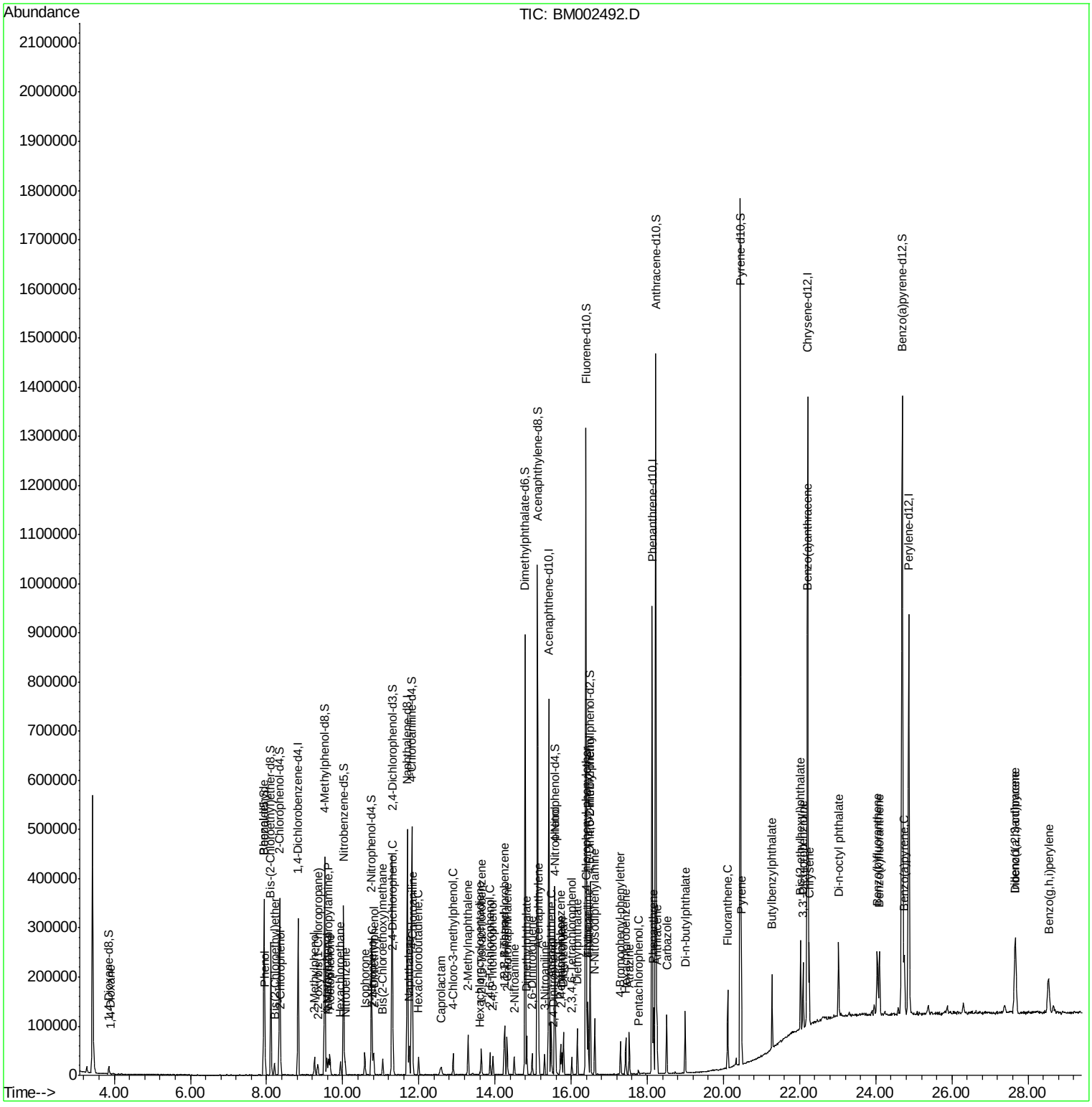
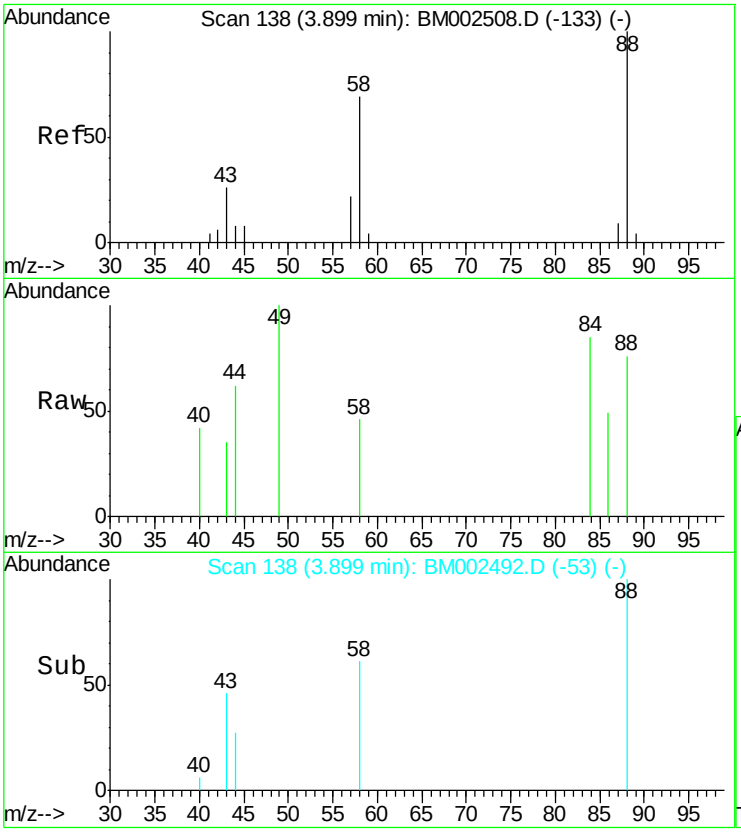
8/20/2015 3:35:31 PM

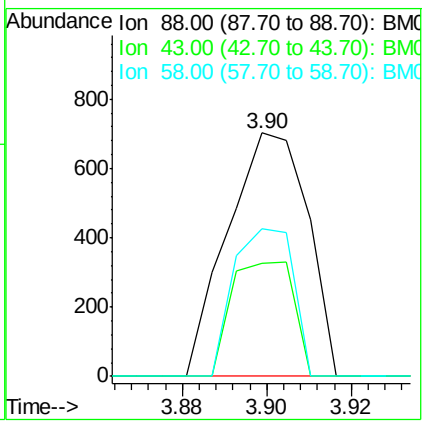




#2
1,4-Dioxane
Concen: 0.39 ng/uL
RT: 3.90 min Scan# 138
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion: 88 Resp: 926

Ion	Ratio	Lower	Upper
88	100		
43	36.6	2.3	3.5#
58	45.5	0.6	1.0#



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Manual Integrations APPROVED
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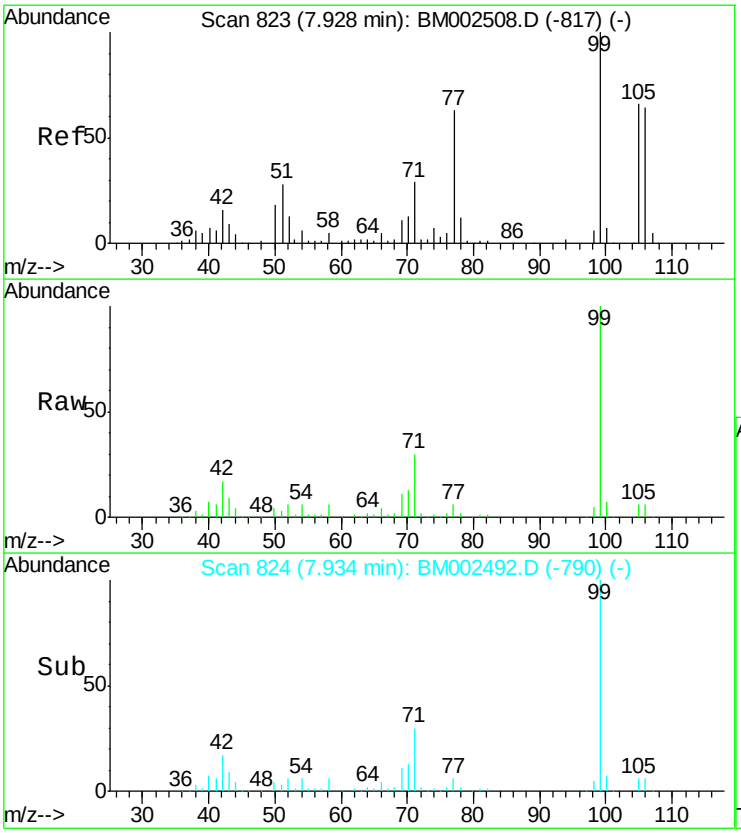
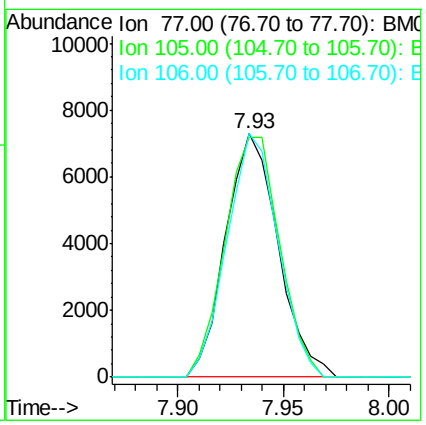
8/20/2015 3:35:31 PM

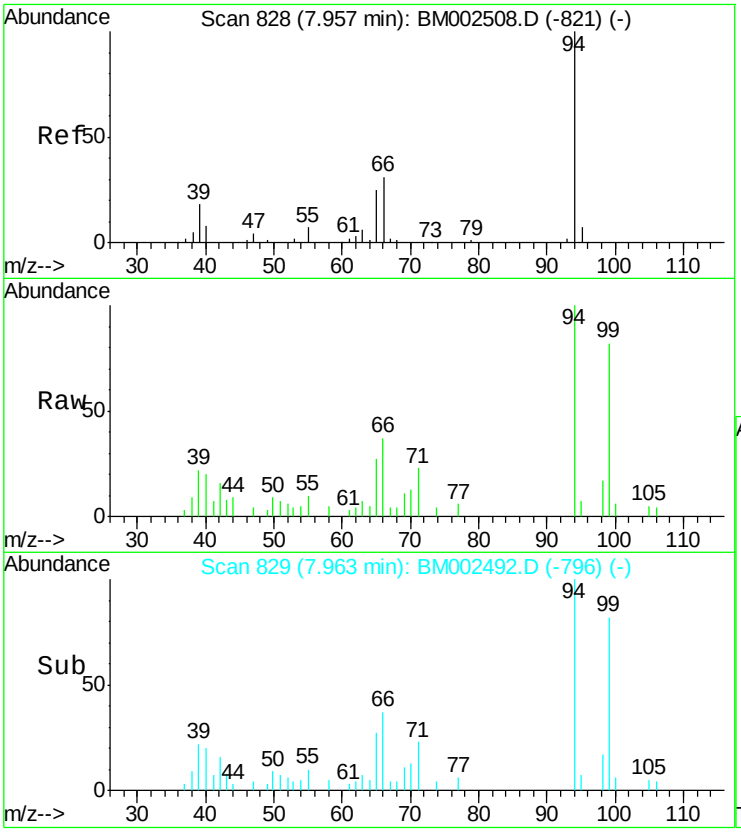


#4
Benzaldehyde
Concen: 2.42 ng/ul
RT: 7.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion: 77 Resp: 12523

Ion	Ratio	Lower	Upper
77	100		
105	98.6	80.0	120.0
106	99.8	76.7	115.1

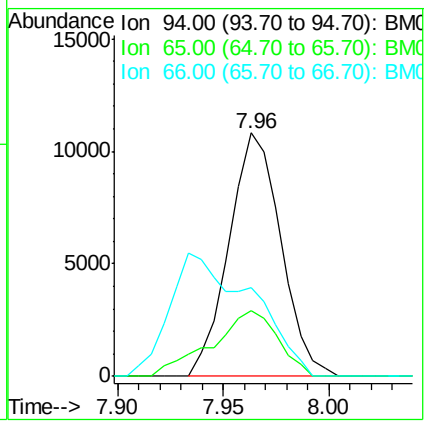




#6
Phenol
Concen: 2.05 ng/ul
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion: 94 Resp: 18482

Ion	Ratio	Lower	Upper
94	100		
65	27.1	23.7	35.5
66	36.6	31.3	46.9



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Manual Integrations APPROVED
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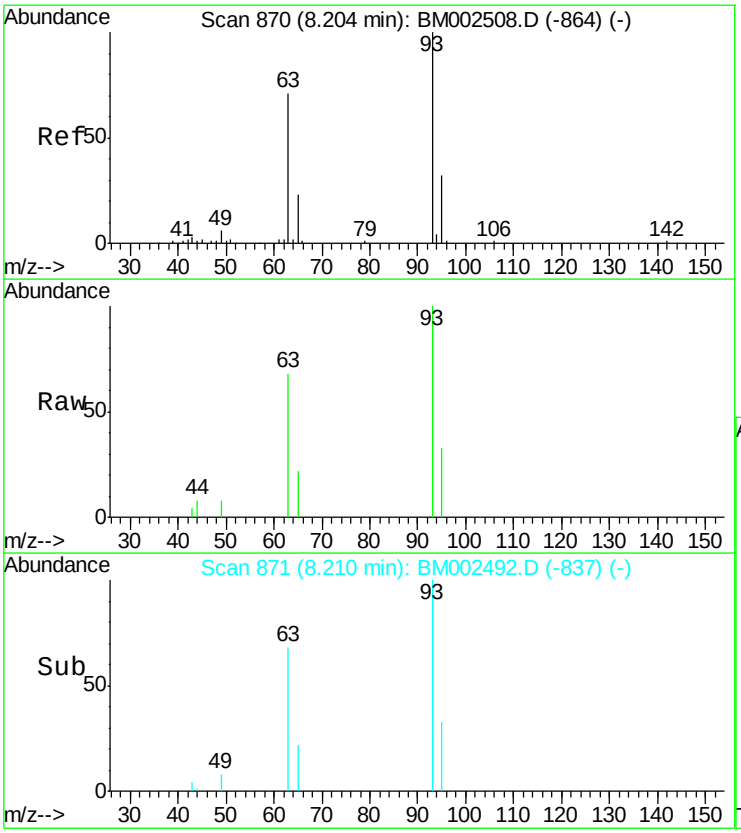
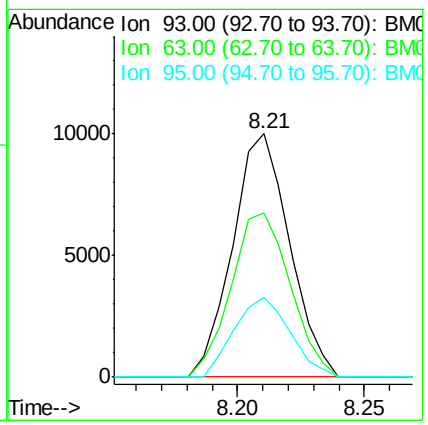
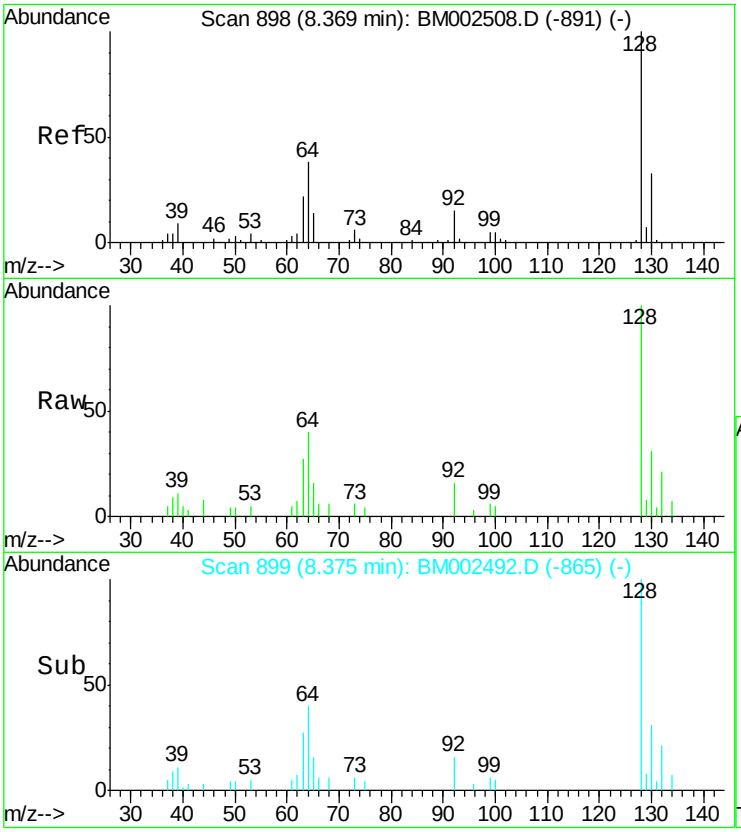


#8
Bis(2-Chloroethyl)ether
Concen: 2.26 ng/ul
RT: 8.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion: 93 Resp: 15648

Ion	Ratio	Lower	Upper
93	100		
63	67.6	64.6	97.0
95	33.0	26.6	40.0

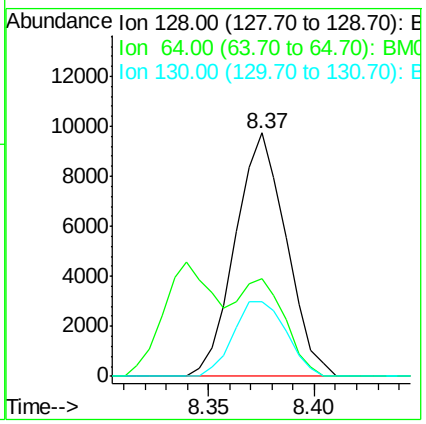




#10
2-Chlorophenol
Concen: 2.20 ng/ul
RT: 8.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:128 Resp: 16280

Ion	Ratio	Lower	Upper
128	100		
64	40.1	38.7	58.1
130	30.6	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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MMDadoda
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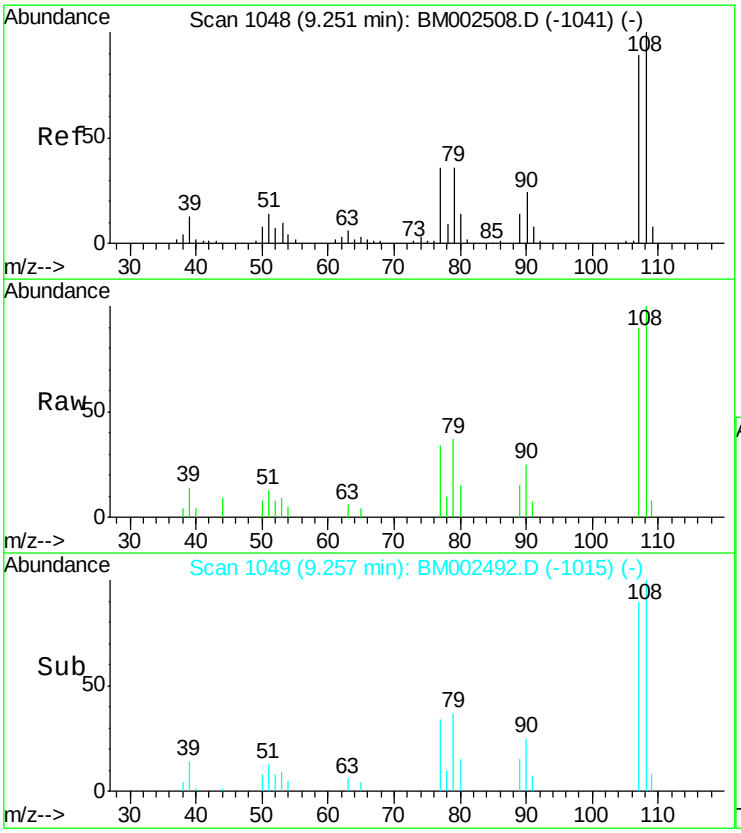
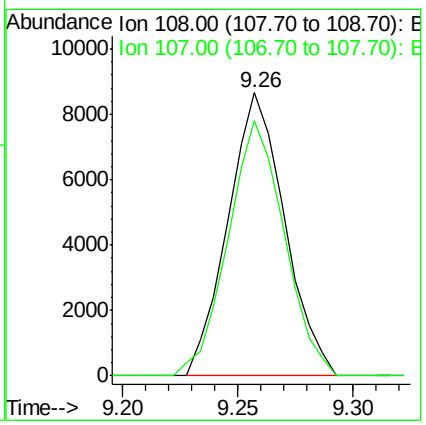
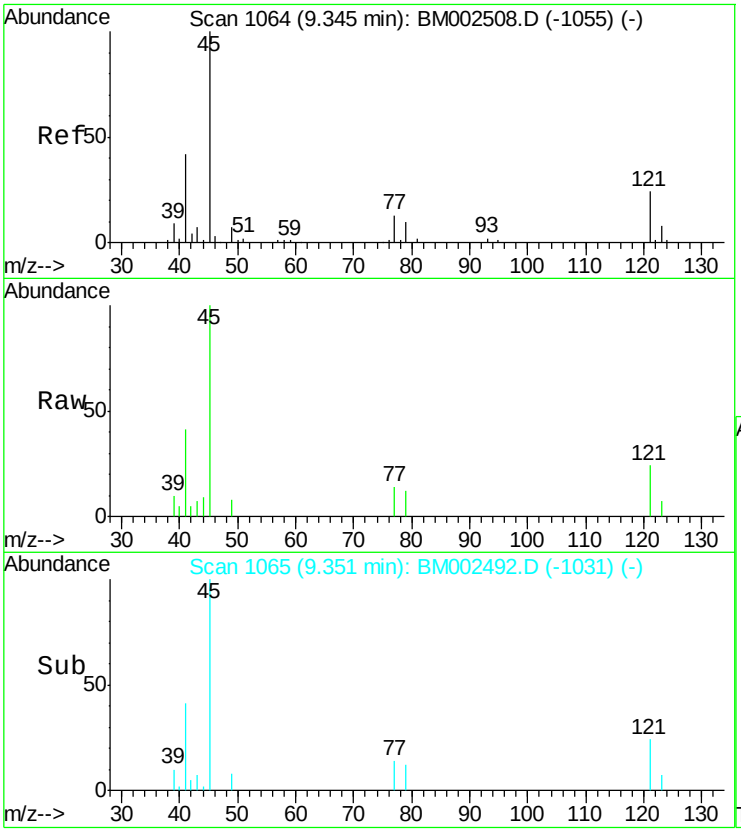


#11
2-Methylphenol
Concen: 2.08 ng/ul
RT: 9.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:108 Resp: 14803

Ion	Ratio	Lower	Upper
108	100		
107	90.3	72.0	108.0





#12
2,2'-oxybis(1-Chloropropane)
Concen: 1.75 ng/ul
RT: 9.35 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion: 45 Resp: 21559

Ion	Ratio	Lower	Upper
45	100		
77	14.1	9.4	14.2
79	11.6	7.5	11.3#

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Manual Integrations APPROVED
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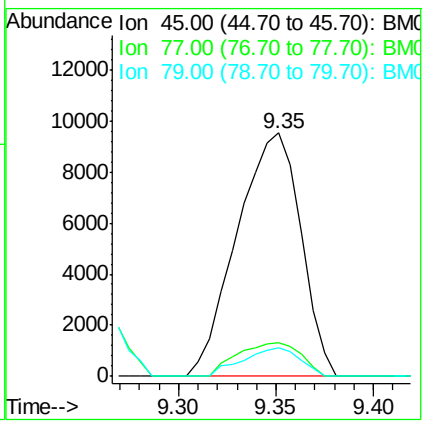
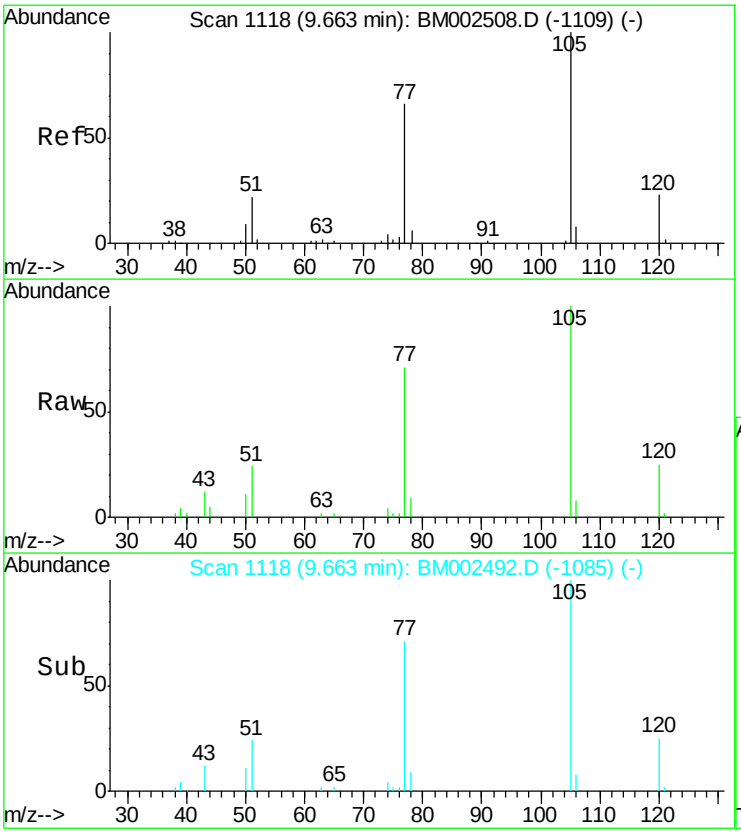
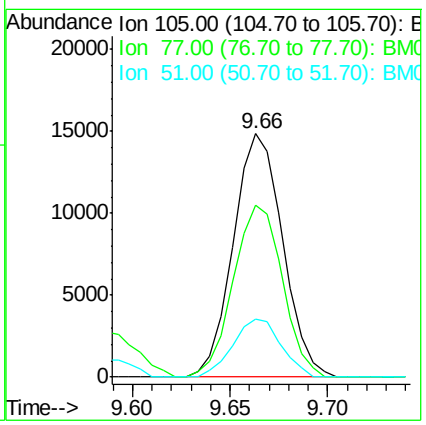


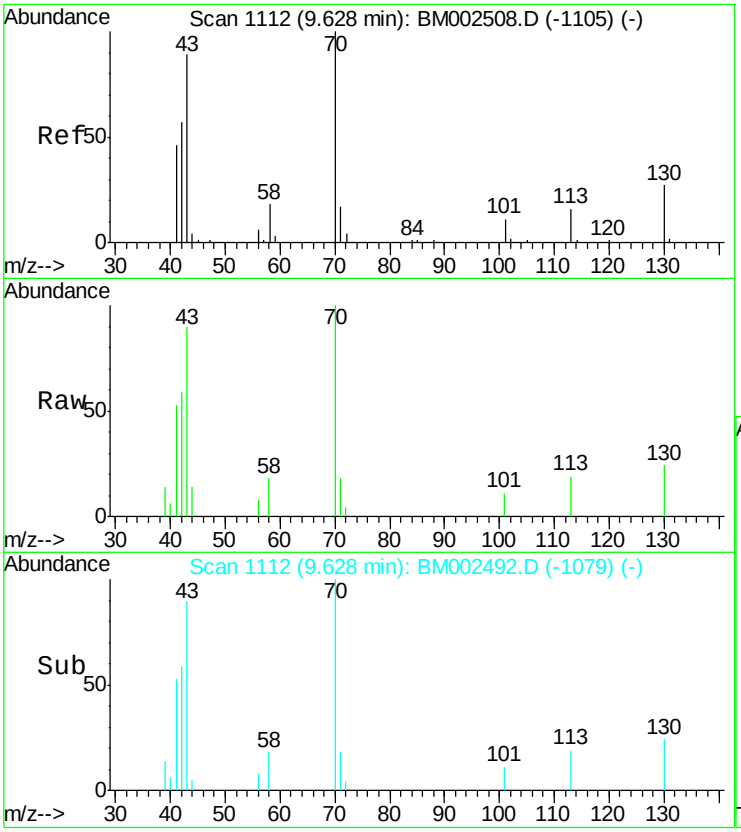


#14
Acetophenone
Concen: 2.32 ng/ul
RT: 9.66 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:105 Resp: 26050

Ion	Ratio	Lower	Upper
105	100		
77	70.8	59.4	89.0
51	23.9	23.4	35.0

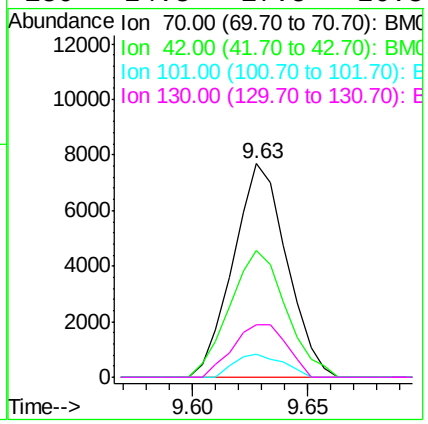




#15
N-Nitroso-di-n-propylamine
Concen: 2.06 ng/ul
RT: 9.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion: 70 Resp: 12422

Ion	Ratio	Lower	Upper
70	100		
42	59.1	53.4	80.0
101	11.0	7.7	11.5
130	24.3	17.5	26.3



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Manual Integrations APPROVED
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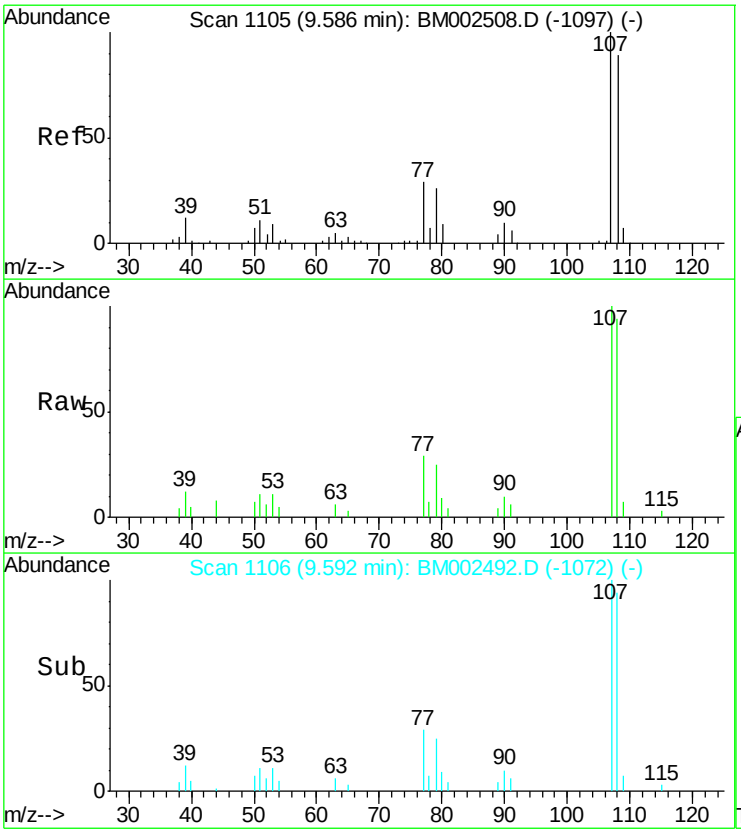
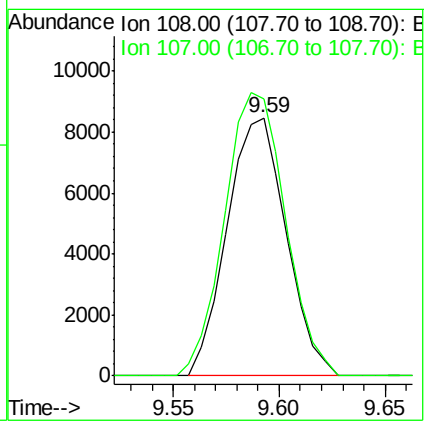
8/20/2015 3:35:31 PM

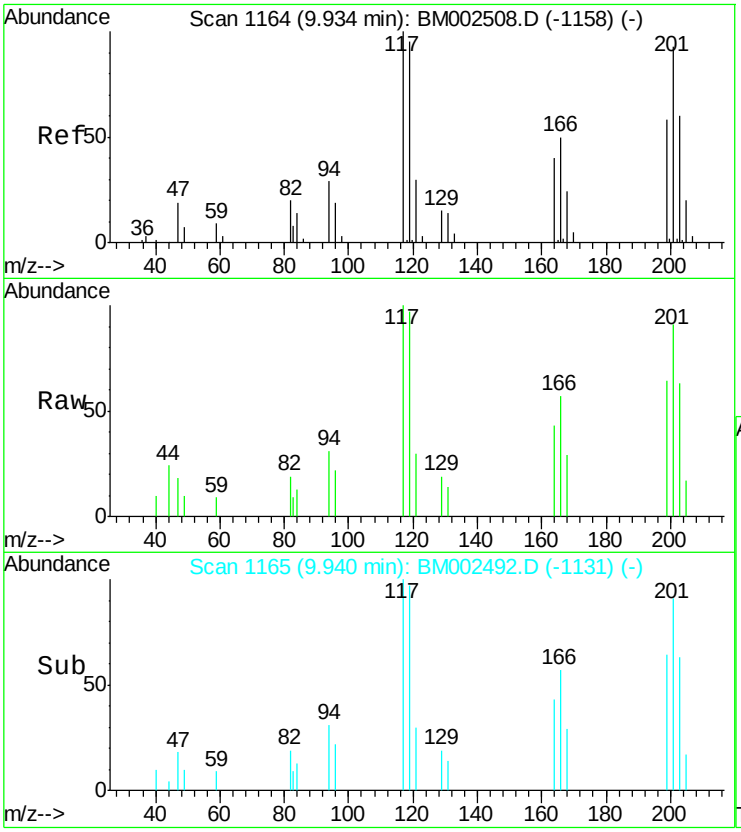


#16
4-Methylphenol
Concen: 2.11 ng/ul
RT: 9.59 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:108 Resp: 16458

Ion	Ratio	Lower	Upper
108	100		
107	106.9	90.9	136.3

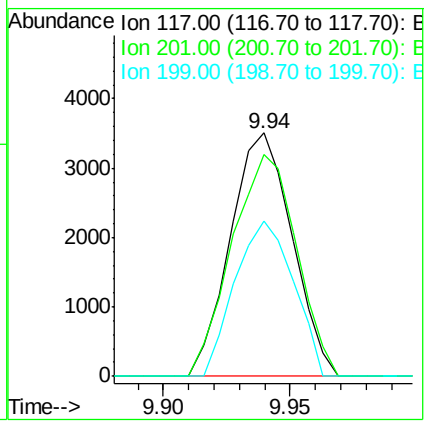




#17
Hexachloroethane
Concen: 2.03 ng/ul
RT: 9.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:117 Resp: 5929

Ion	Ratio	Lower	Upper
117	100		
201	91.2	71.5	107.3
199	63.7	44.9	67.3



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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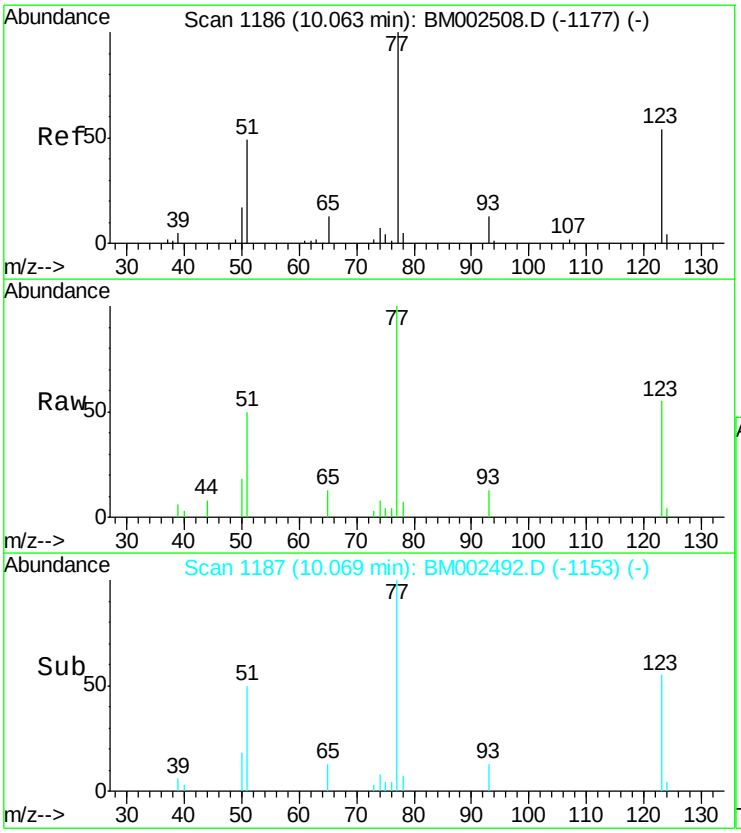
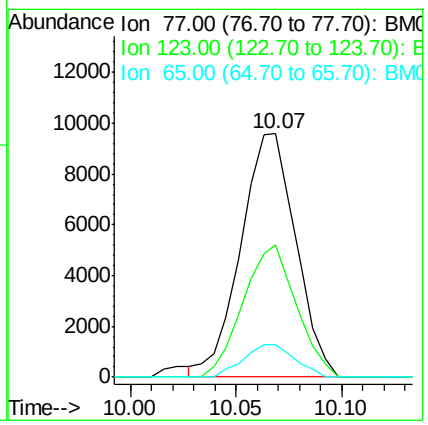
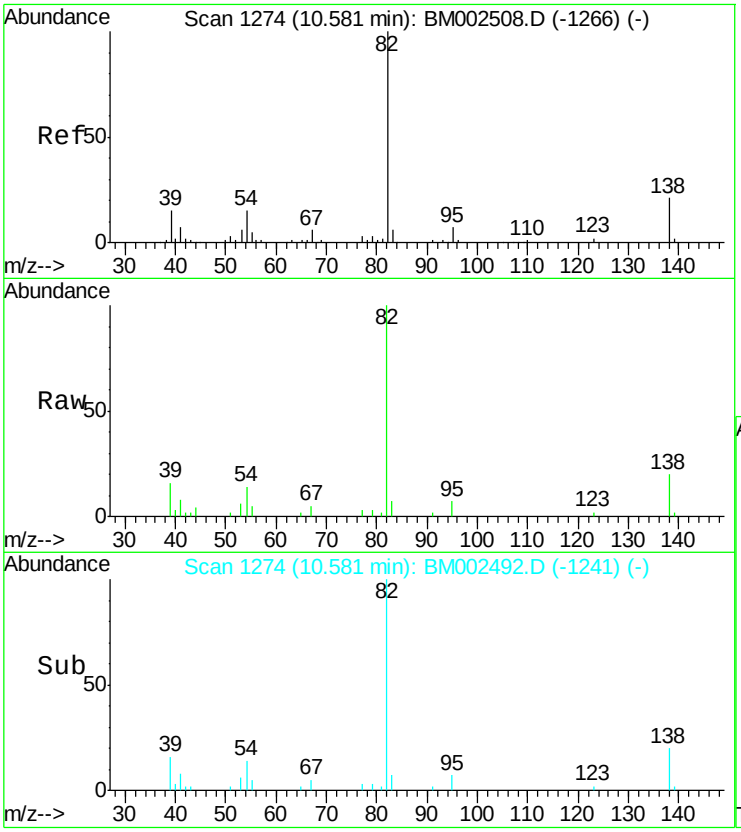


#20
Nitrobenzene
Concen: 2.14 ng/ul
RT: 10.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion: 77 Resp: 17344

Ion	Ratio	Lower	Upper
77	100		
123	54.6	37.0	55.6
65	13.4	11.0	16.6

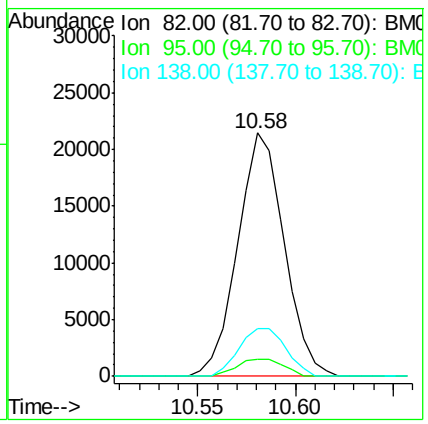




#21
Isophorone
Concen: 2.18 ng/ul
RT: 10.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion: 82 Resp: 35314

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.9	8.9
138	19.8	15.0	22.4



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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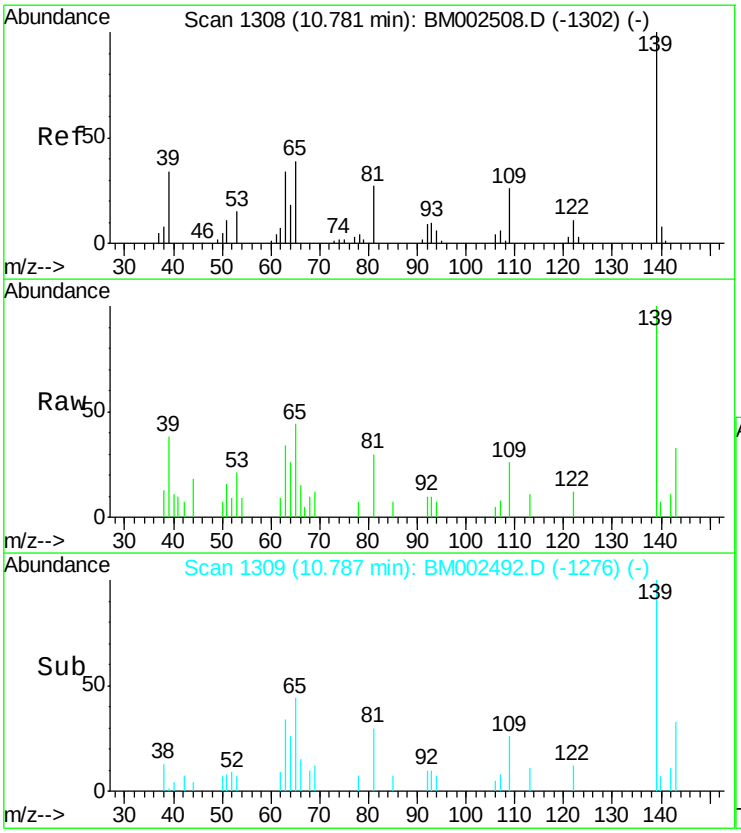
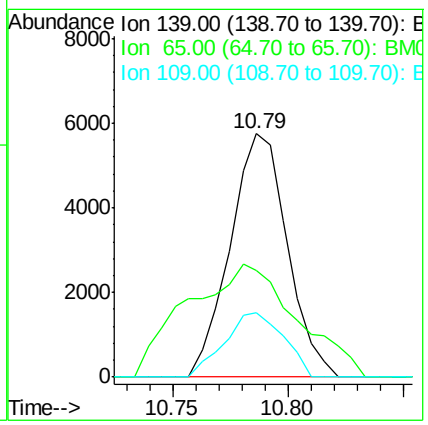
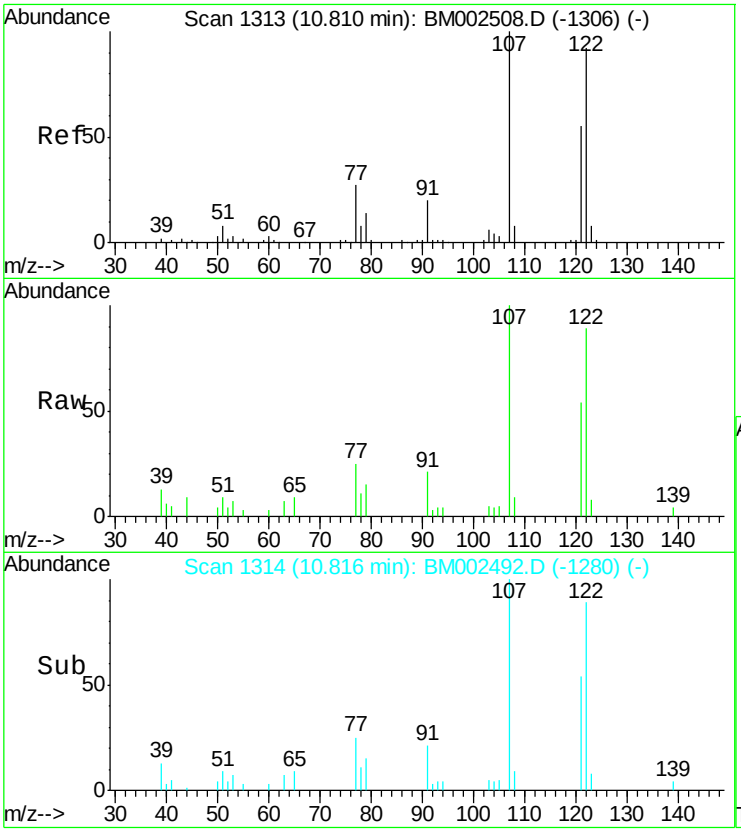


#23
2-Nitrophenol
Concen: 2.82 ng/ul
RT: 10.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:139 Resp: 9914

Ion	Ratio	Lower	Upper
139	100		
65	44.0	43.0	64.6
109	26.5	23.8	35.8

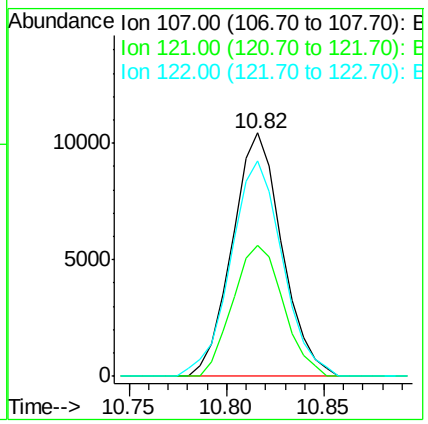




#24
2,4-Dimethylphenol
Concen: 2.14 ng/ul
RT: 10.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:107 Resp: 18459

Ion	Ratio	Lower	Upper
107	100		
121	53.7	41.8	62.6
122	88.5	71.2	106.8



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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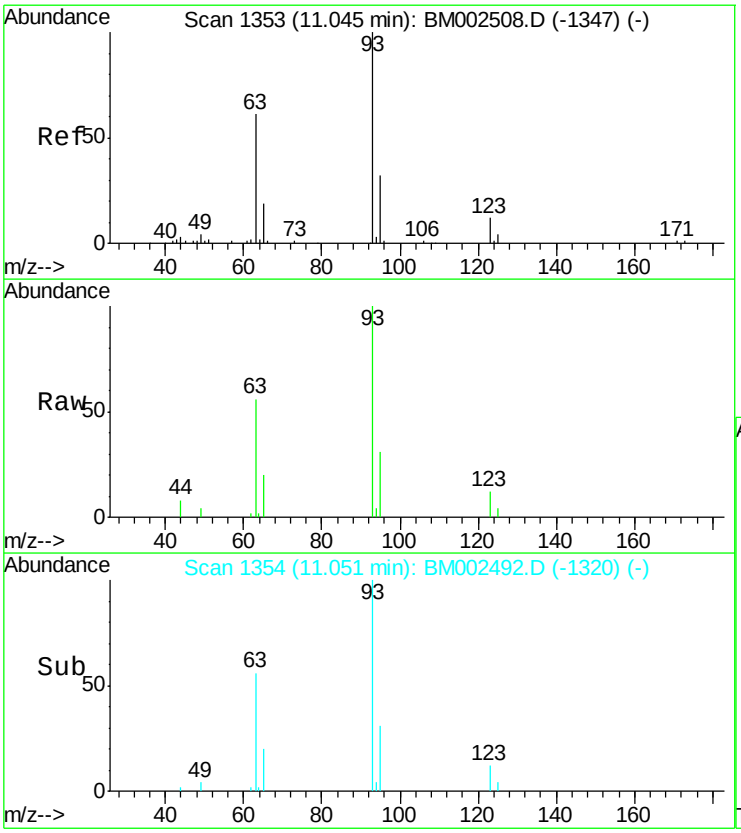
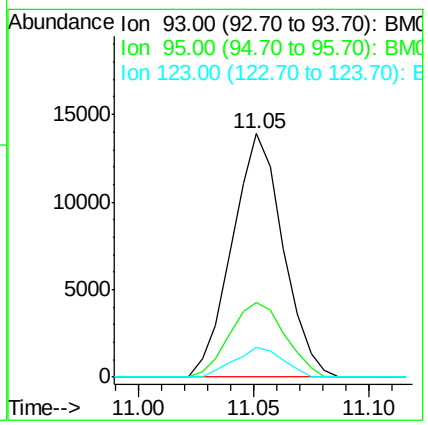
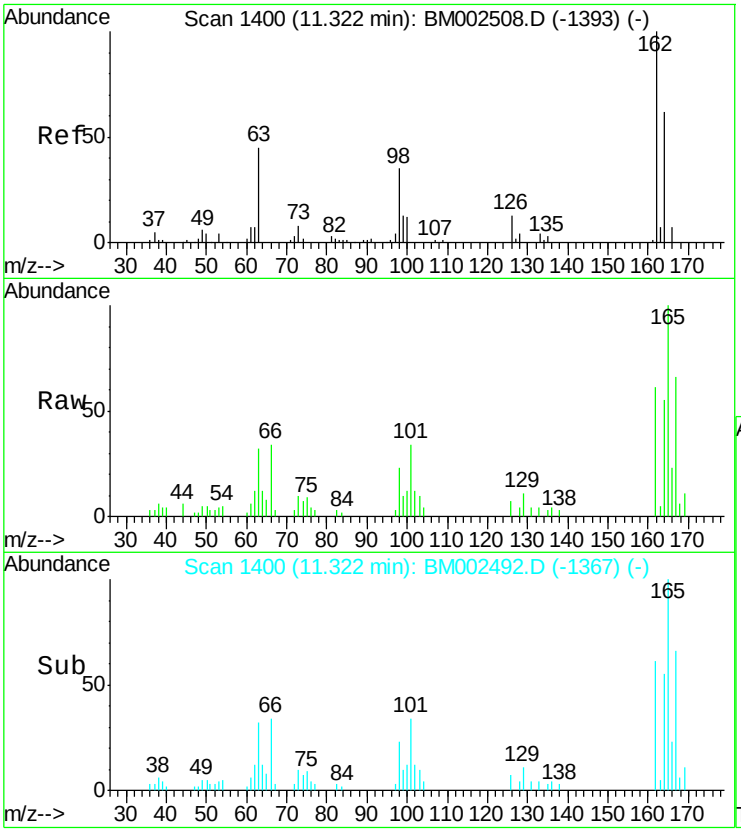


#25
Bis(2-Chloroethoxy)methane
Concen: 2.14 ng/ul
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion: 93 Resp: 21377

Ion	Ratio	Lower	Upper
93	100		
95	30.9	25.8	38.8
123	12.2	9.3	13.9

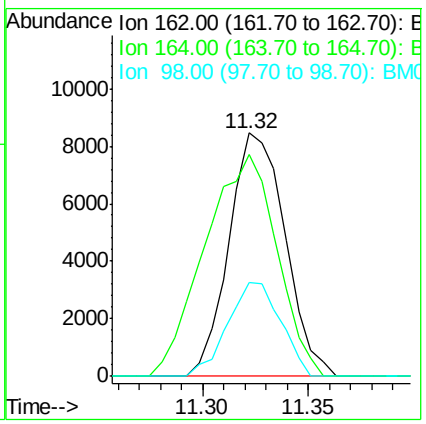




#27
2,4-Dichlorophenol
Concen: 2.39 ng/ul
RT: 11.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:162 Resp: 15567

Ion	Ratio	Lower	Upper
162	100		
164	91.0	52.9	79.3#
98	38.5	31.4	47.0



Instrument :
BNA_M
ClientSampleId :
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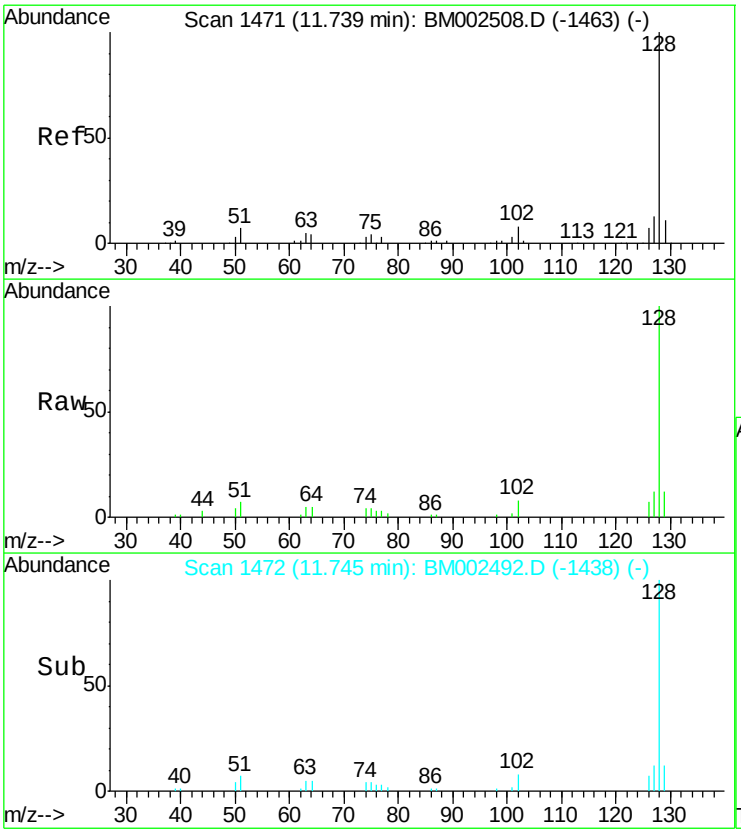
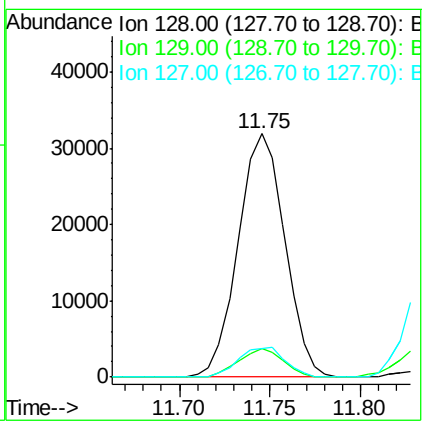
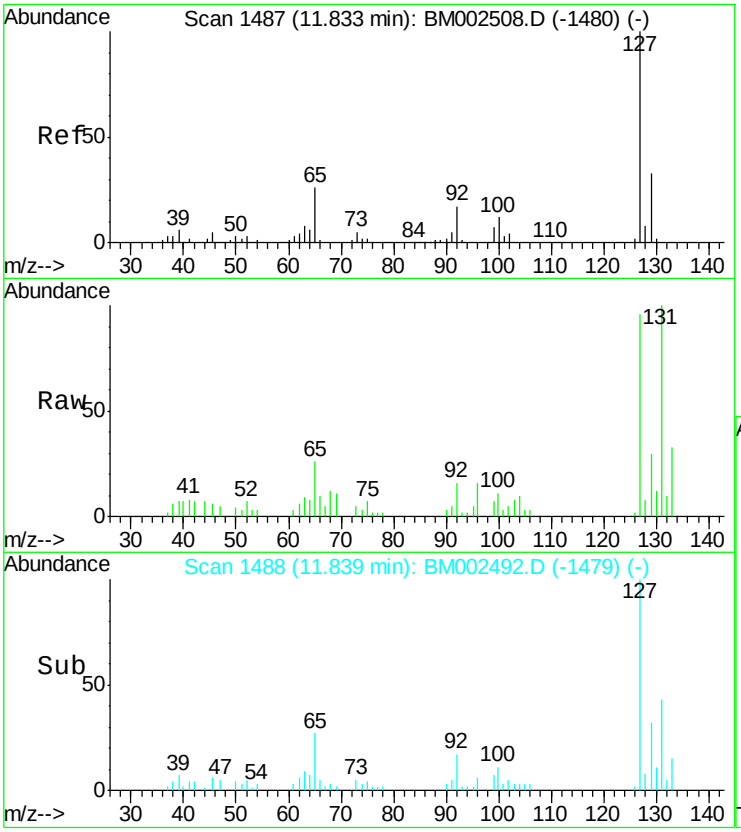


#28
Naphthalene
Concen: 2.33 ng/ul
RT: 11.75 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:128 Resp: 57100

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	11.8	10.4	15.6





#30
4-Chloroaniline
Concen: 2.90 ng/ul
RT: 11.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:127 Resp: 25916

Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.6	39.8

Instrument :
BNA_M
ClientSampleId :
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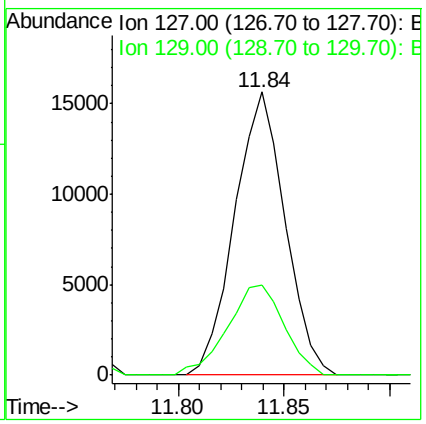
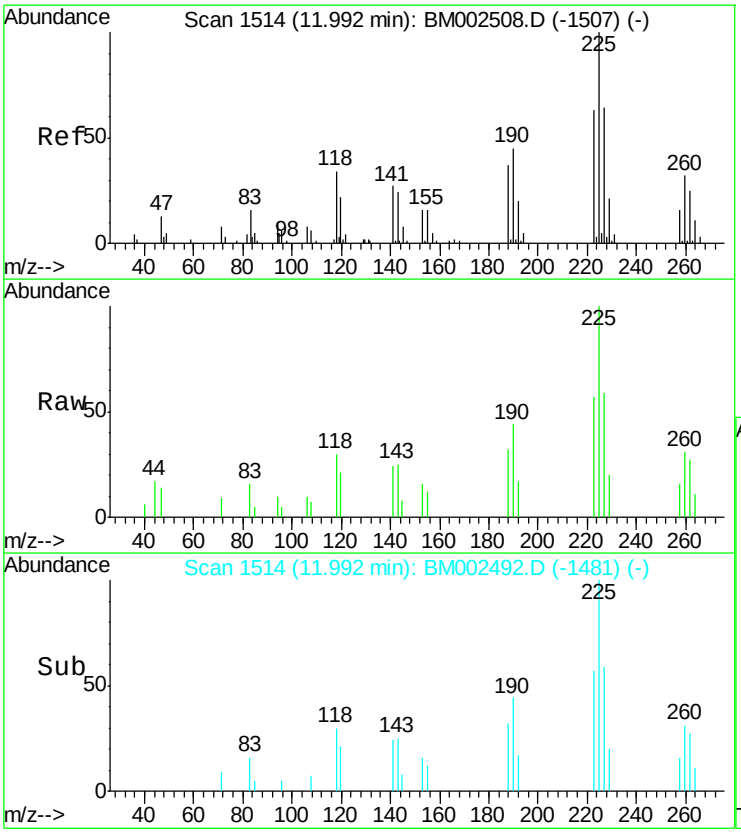
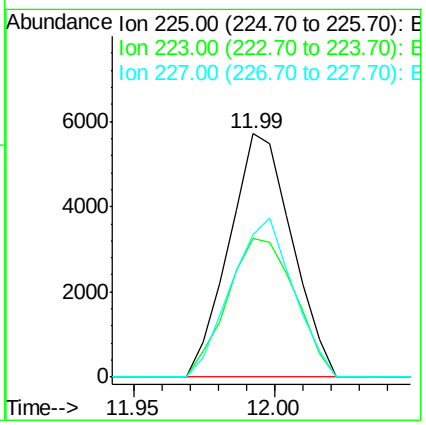


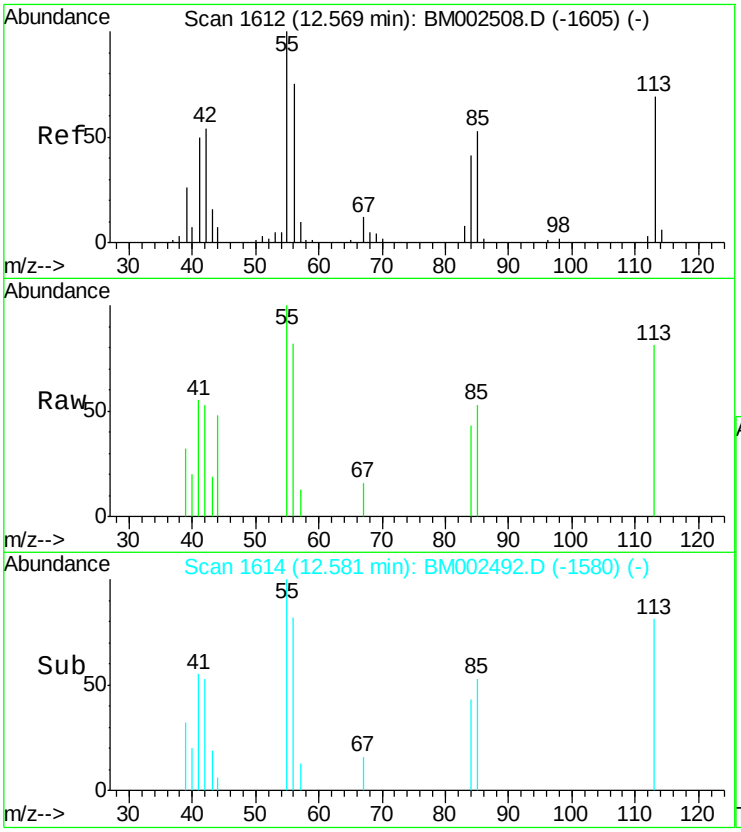


#31
Hexachlorobutadiene
Concen: 2.34 ng/ul
RT: 11.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:225 Resp: 8807

Ion	Ratio	Lower	Upper
225	100		
223	56.9	51.0	76.4
227	58.5	52.1	78.1





#32
Caprolactam
Concen: 2.15 ng/ul m
RT: 12.58 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:113 Resp: 5775

Ion	Ratio	Lower	Upper
113	100		
55	124.1	152.5	228.7#
56	101.2	111.4	167.0#

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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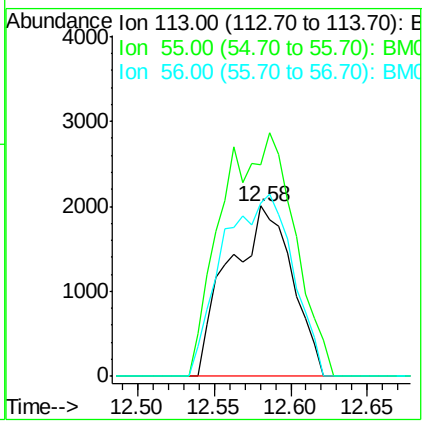
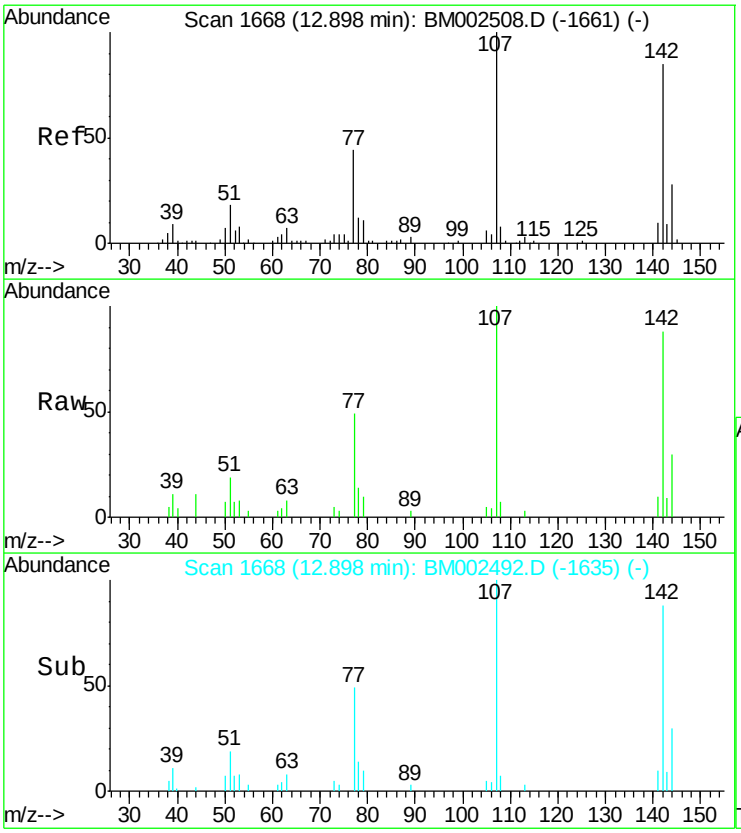
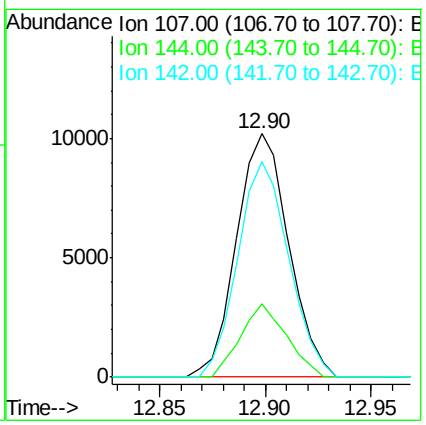


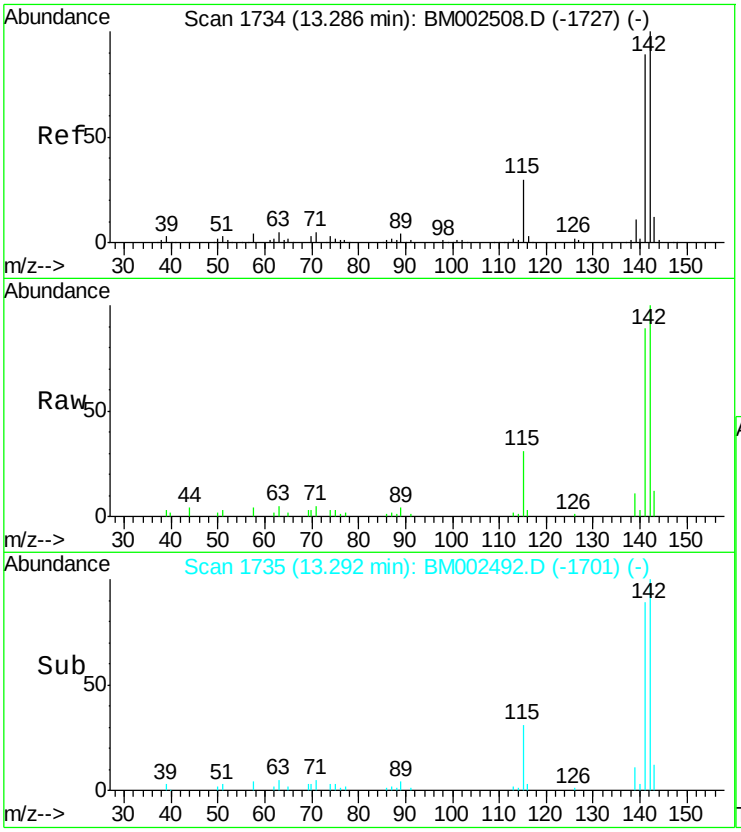


#33
4-Chloro-3-methylphenol
Concen: 2.14 ng/ul
RT: 12.90 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:107 Resp: 17483

Ion	Ratio	Lower	Upper
107	100		
144	30.1	20.3	30.5
142	88.3	63.1	94.7





#34
2-Methylnaphthalene
Concen: 2.36 ng/ul
RT: 13.29 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:142 Resp: 41405

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.5	108.7

Instrument :
BNA_M
ClientSampleId :
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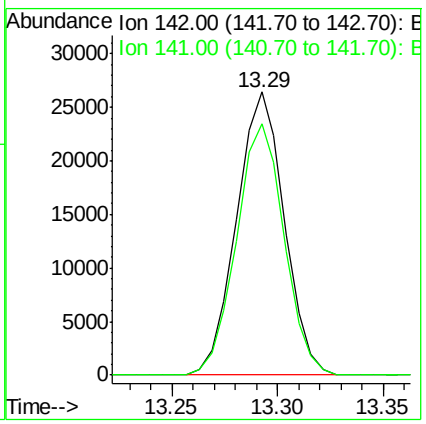
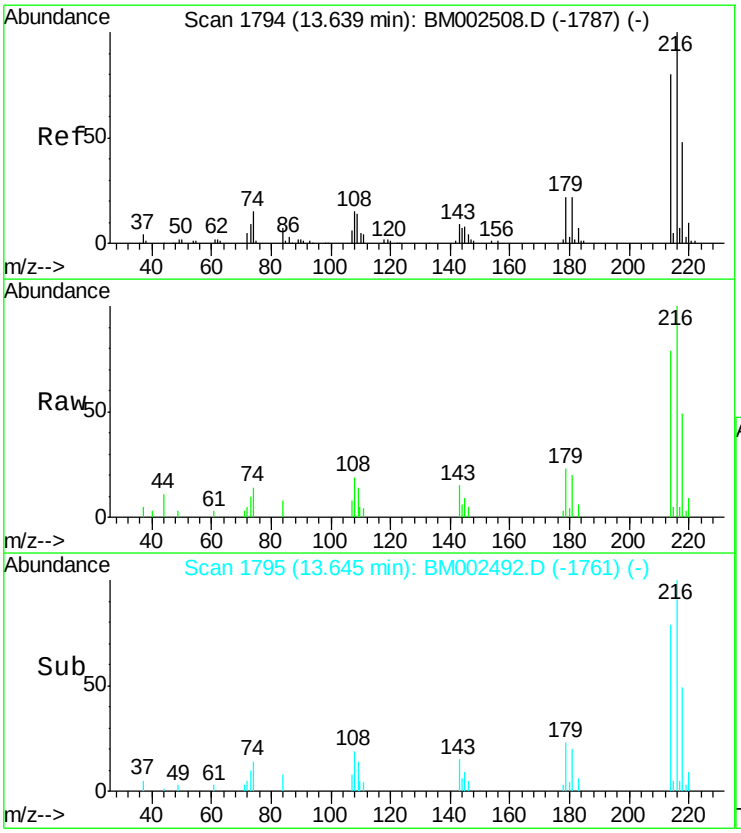
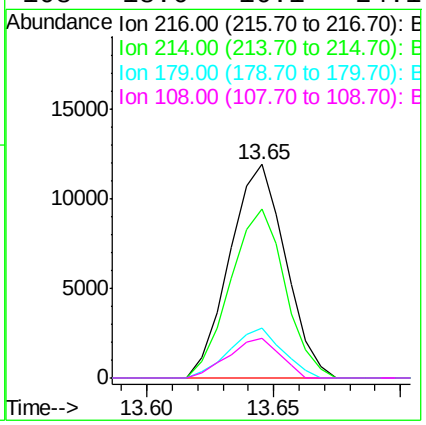


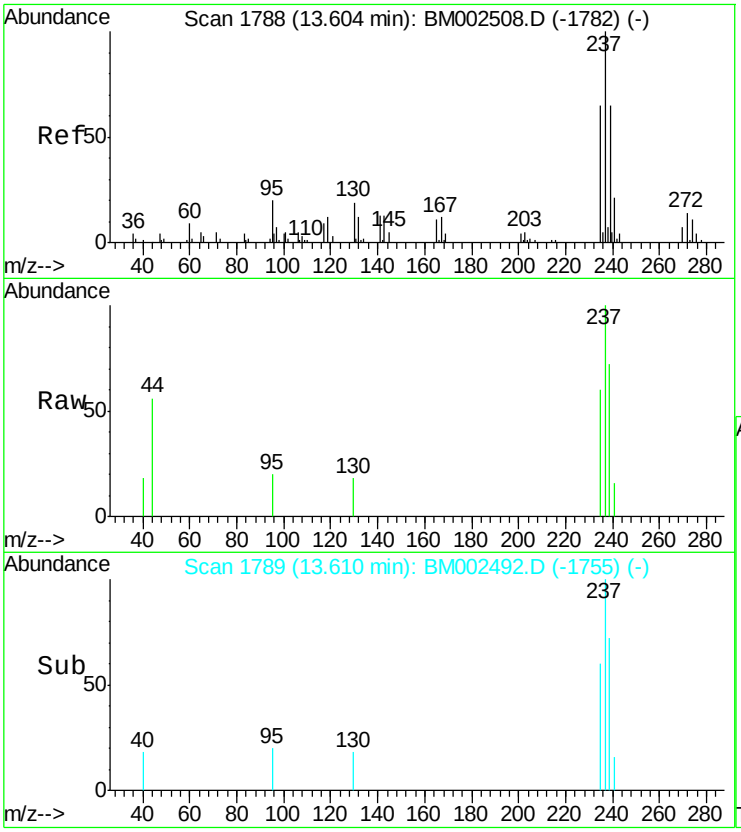


#37
1,2,4,5-Tetrachlorobenzene
Concen: 2.36 ng/ul
RT: 13.65 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:216 Resp: 18257

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.1	94.7
179	23.1	18.9	28.3
108	18.6	16.1	24.1

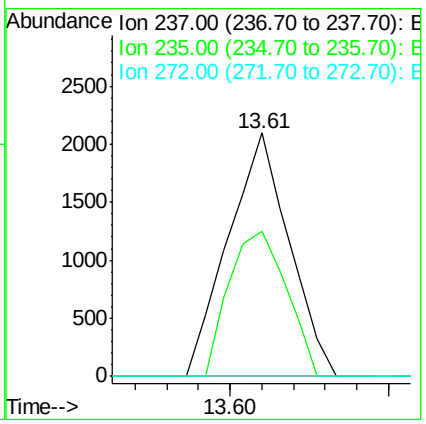




#38
Hexachlorocyclopentadiene
Concen: 0.61 ng/ul
RT: 13.61 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:237 Resp: 2789

Ion	Ratio	Lower	Upper
237	100		
235	59.7	51.0	76.6
272	0.0	10.8	16.2#



Instrument :
BNA_M
ClientSampleId :
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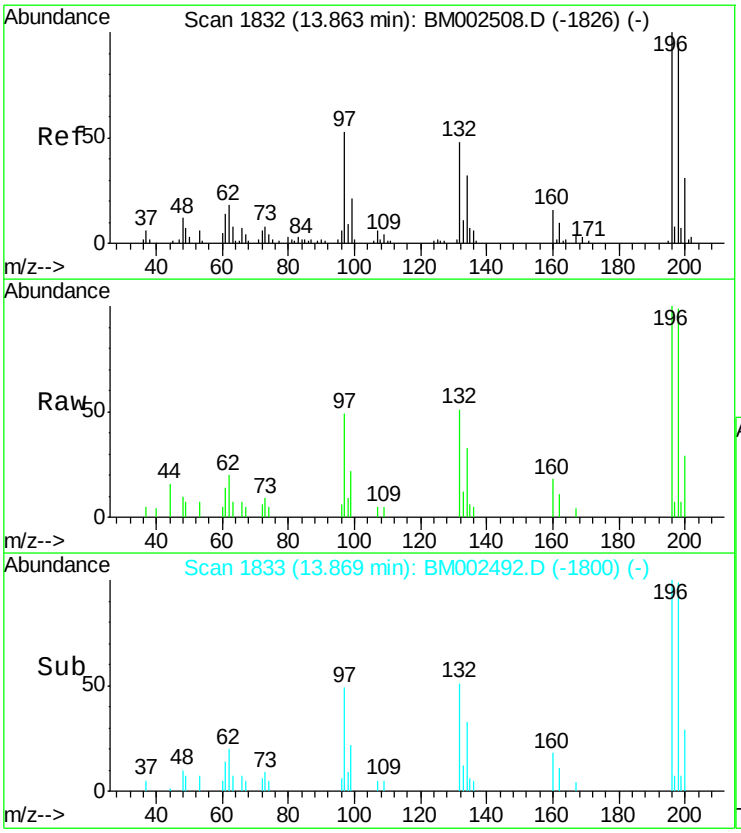
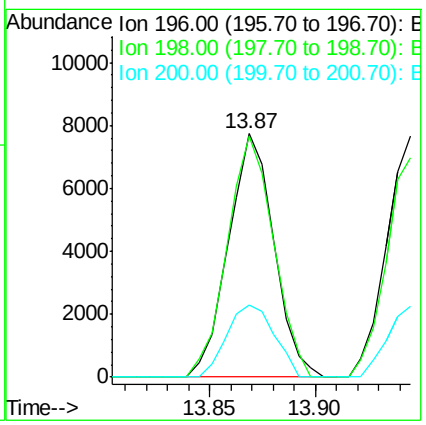
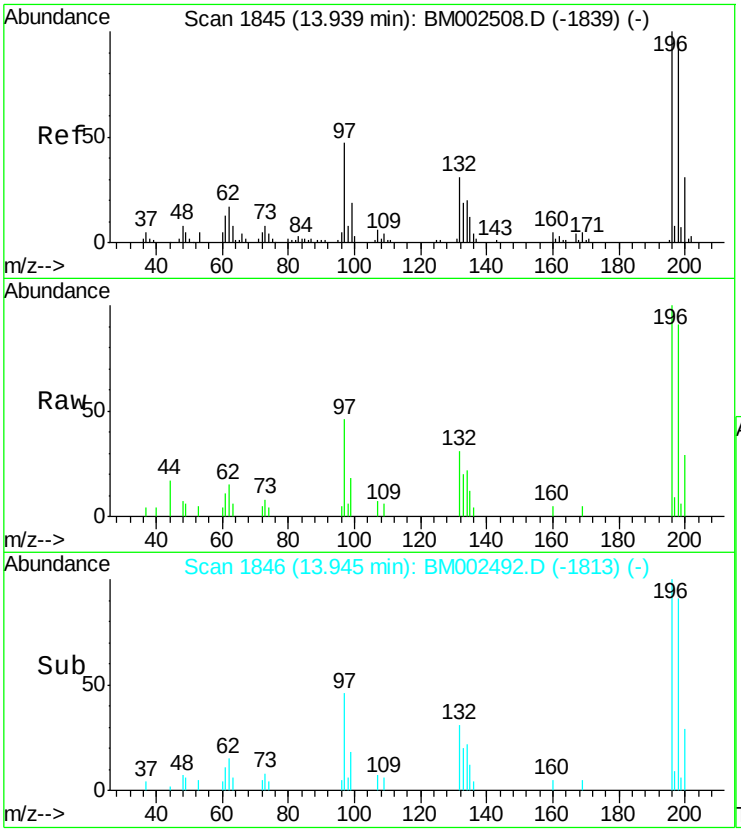


#39
2,4,6-Trichlorophenol
Concen: 2.40 ng/ul
RT: 13.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:196 Resp: 11547

Ion	Ratio	Lower	Upper
196	100		
198	99.3	77.1	115.7
200	29.4	24.8	37.2

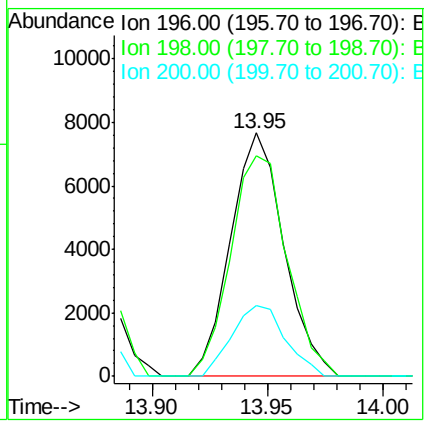




#40
2,4,5-Trichlorophenol
Concen: 2.29 ng/ul
RT: 13.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:196 Resp: 12368

Ion	Ratio	Lower	Upper
196	100		
198	90.7	78.6	117.8
200	29.2	25.0	37.4



Instrument :
BNA_M
ClientSampleId :
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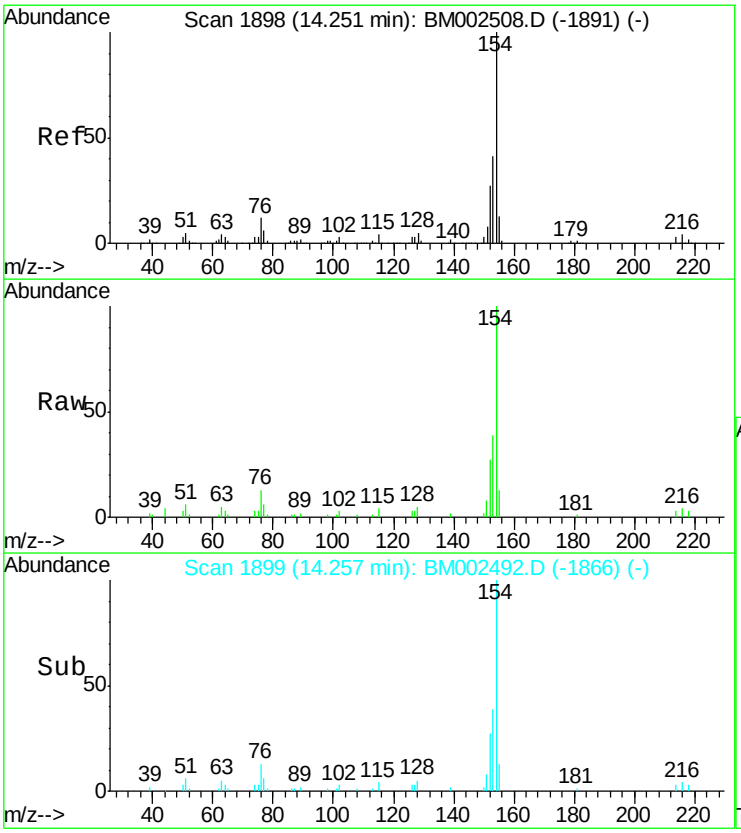
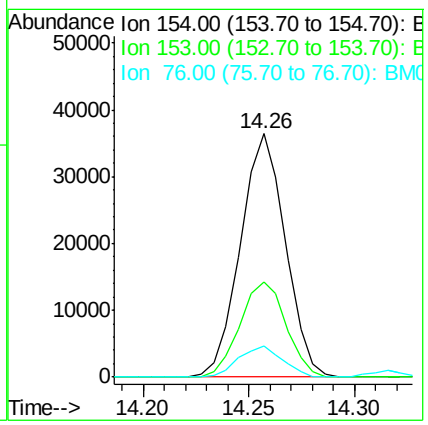
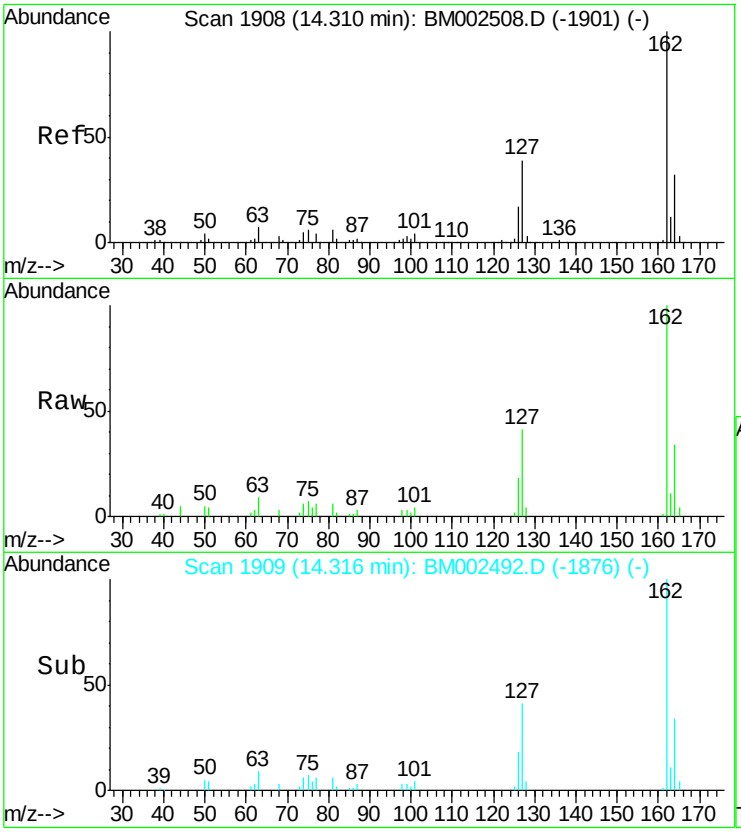


#41
1,1'-Biphenyl
Concen: 2.36 ng/ul
RT: 14.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:154 Resp: 53719

Ion	Ratio	Lower	Upper
154	100		
153	39.2	32.1	48.1
76	12.6	11.0	16.4

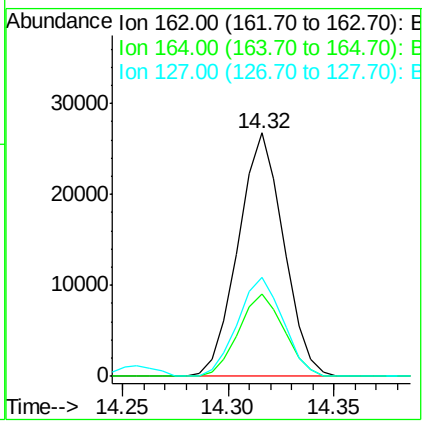




#42
2-Chloronaphthalene
Concen: 2.32 ng/ul
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:162 Resp: 40077

Ion	Ratio	Lower	Upper
162	100		
164	33.9	26.7	40.1
127	40.7	33.6	50.4



Instrument :
BNA_M
ClientSampleId :
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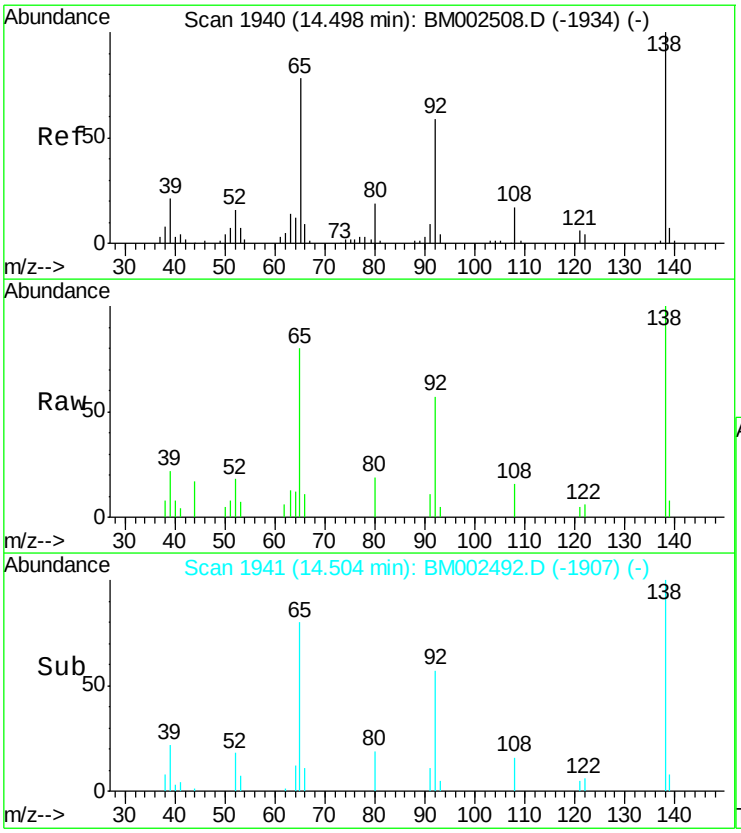
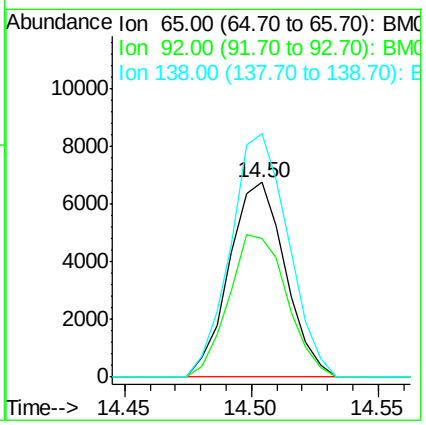
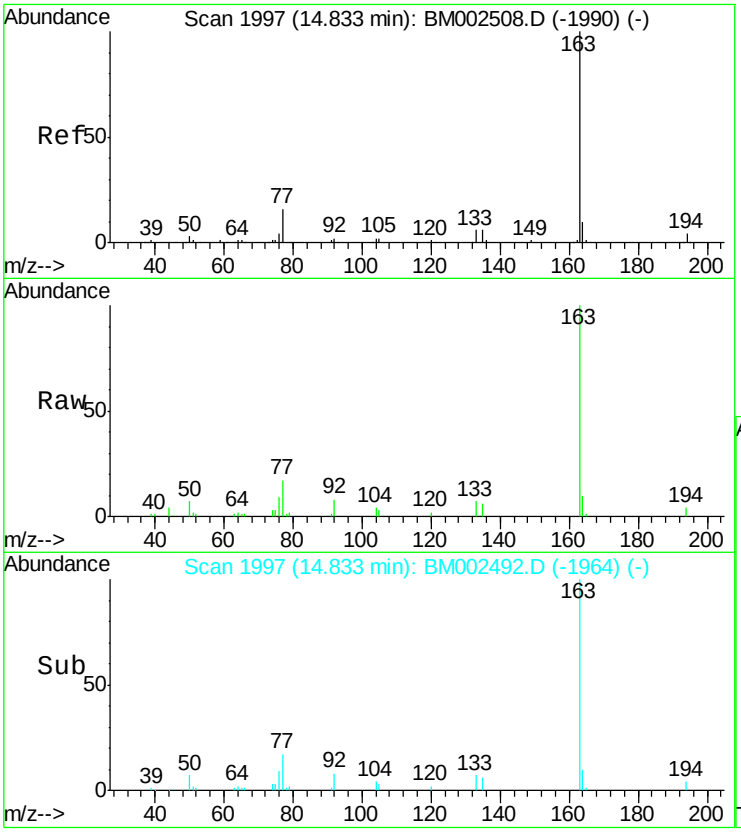


#43
2-Nitroaniline
Concen: 1.99 ng/ul
RT: 14.50 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion: 65 Resp: 10438

Ion	Ratio	Lower	Upper
65	100		
92	71.4	54.0	81.0
138	125.0	83.1	124.7#

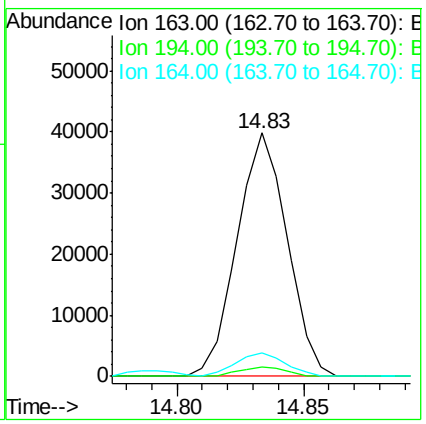




#45
Dimethylphthalate
Concen: 2.42 ng/ul
RT: 14.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:163 Resp: 54805

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.7	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
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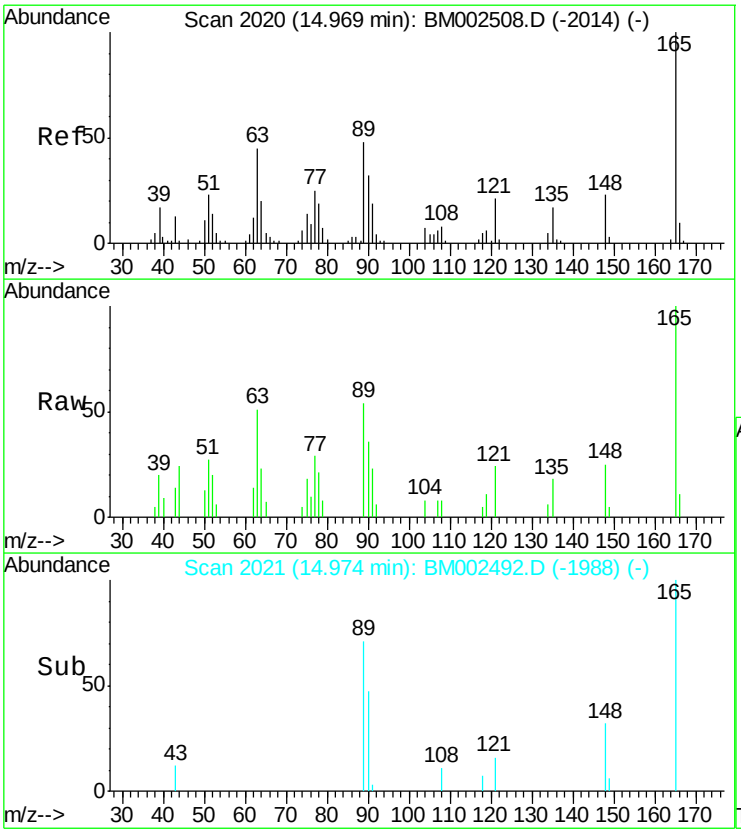
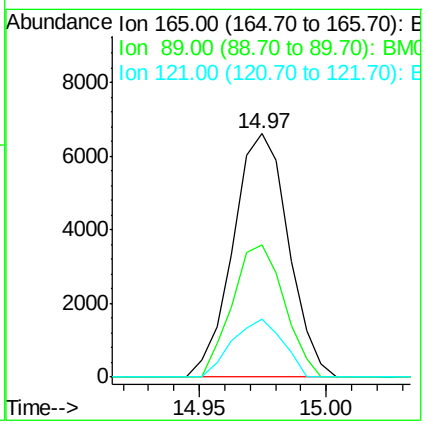
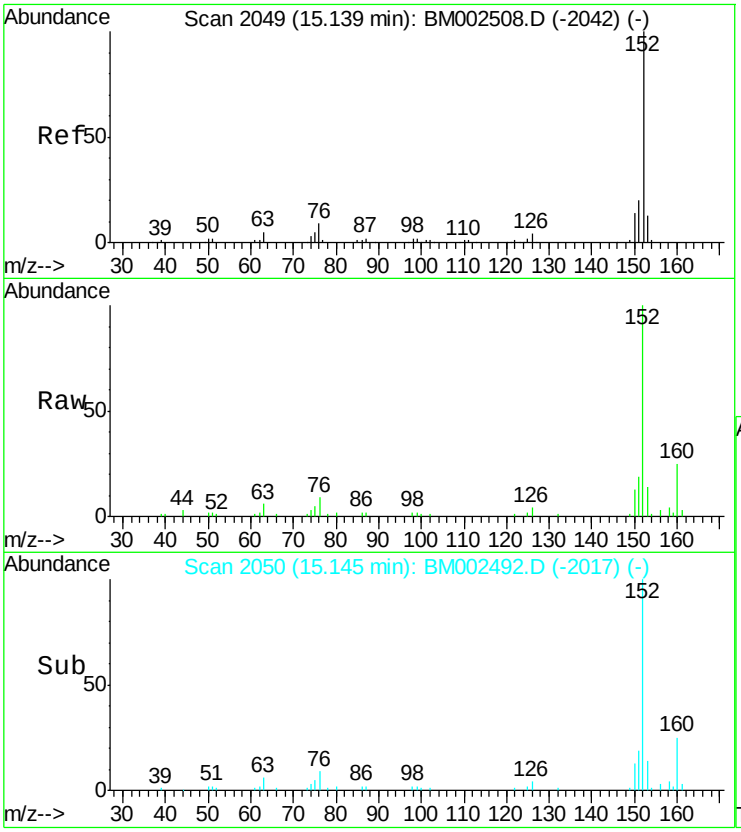


#46
2,6-Dinitrotoluene
Concen: 2.37 ng/ul
RT: 14.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:165 Resp: 10023

Ion	Ratio	Lower	Upper
165	100		
89	54.3	46.6	69.8
121	23.9	19.0	28.4

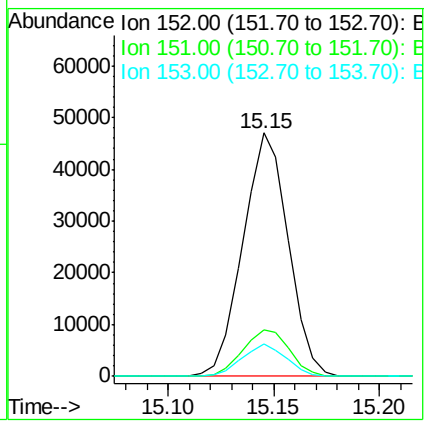




#48
Acenaphthylene
Concen: 2.42 ng/ul
RT: 15.15 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:152 Resp: 70001

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	13.5	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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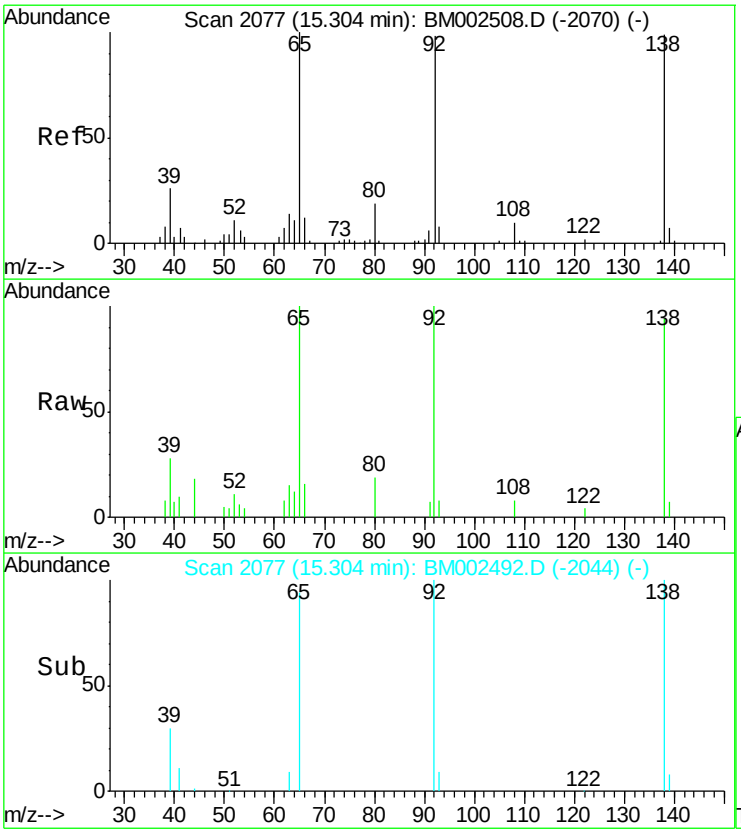
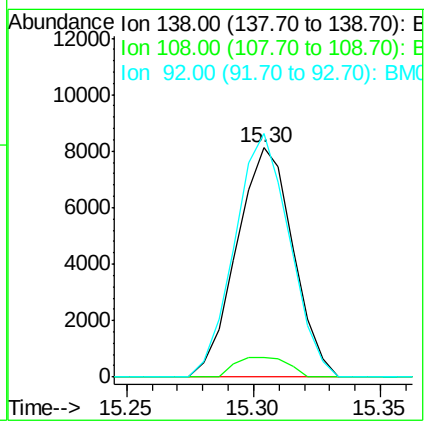
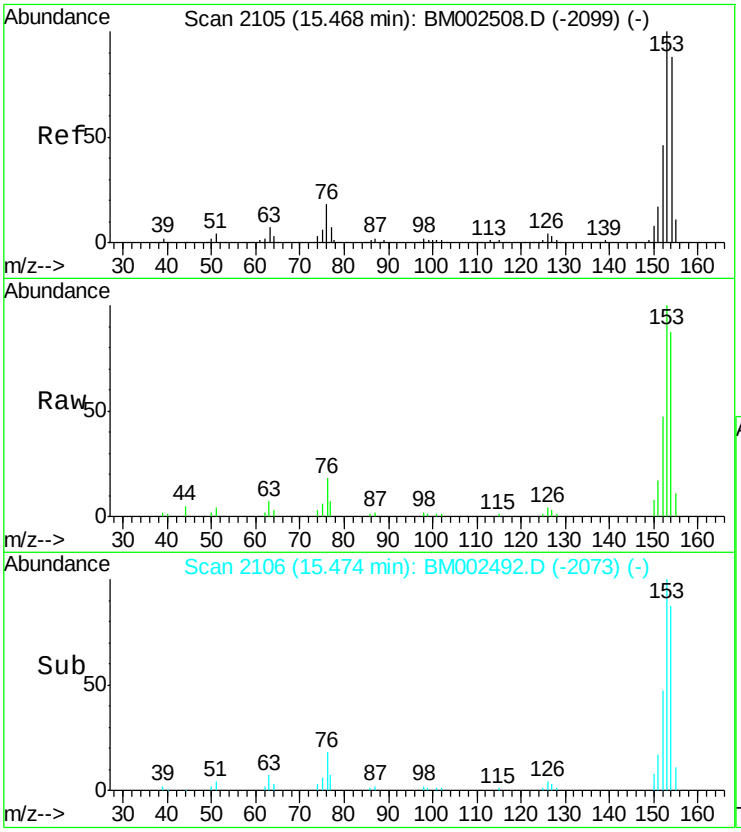


#49
3-Nitroaniline
Concen: 2.75 ng/ul
RT: 15.30 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:138 Resp: 12606

Ion	Ratio	Lower	Upper
138	100		
108	8.8	11.7	17.5#
92	106.3	94.3	141.5

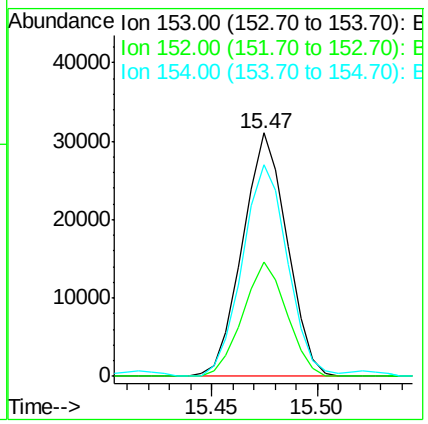




#50
Acenaphthene
Concen: 2.34 ng/ul
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:153 Resp: 45572

Ion	Ratio	Lower	Upper
153	100		
152	46.7	36.6	55.0
154	87.1	71.5	107.3



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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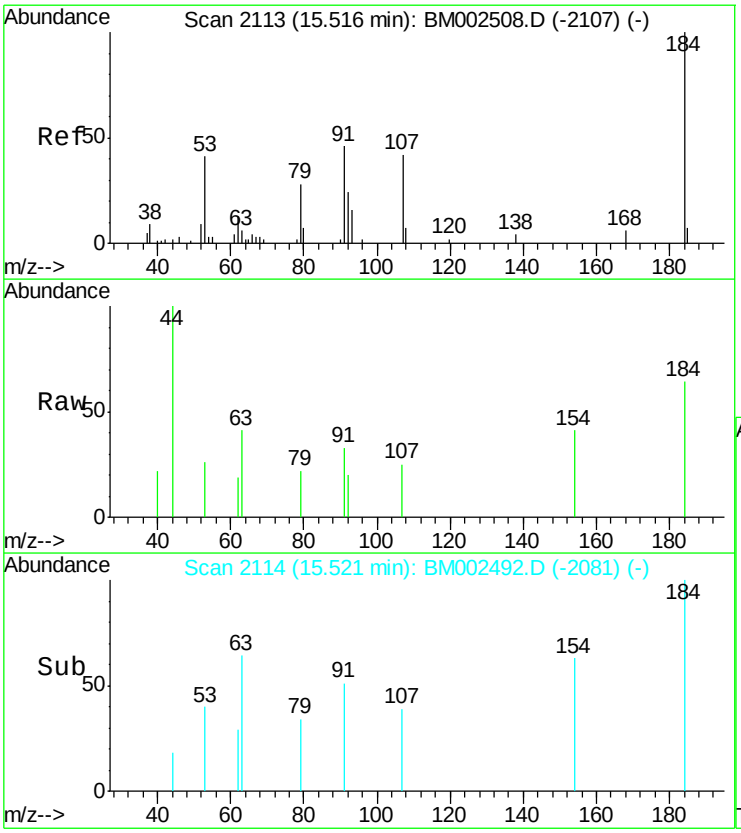
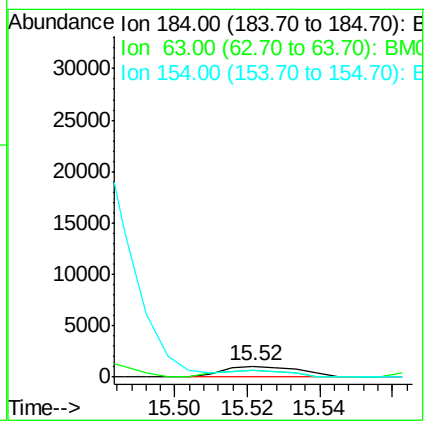
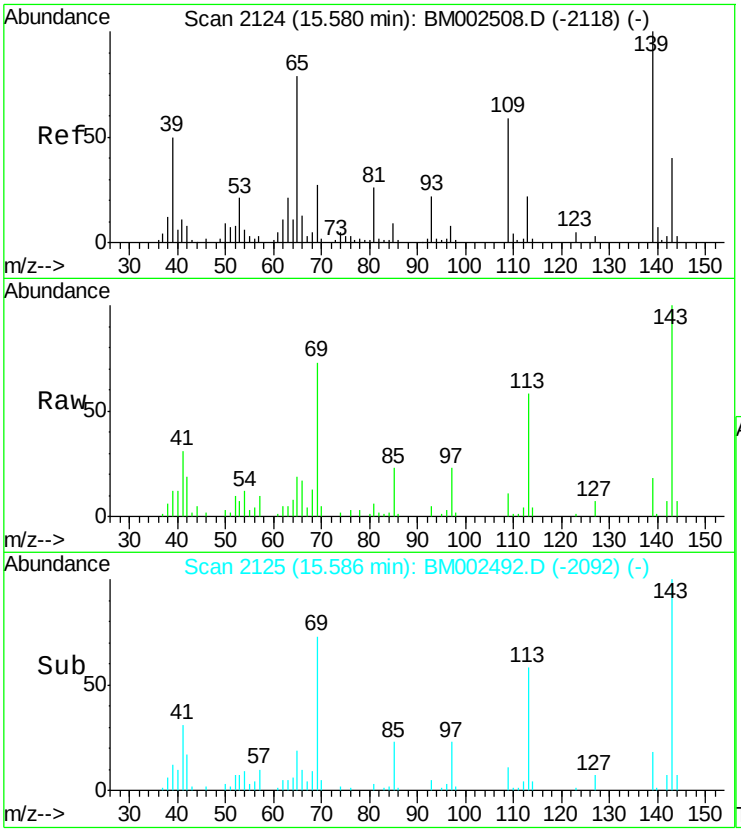


#51
2,4-Dinitrophenol
Concen: 1.04 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:184 Resp: 1526

Ion	Ratio	Lower	Upper
184	100		
63	63.9	94.8	142.2#
154	63.4	525.6	788.4#

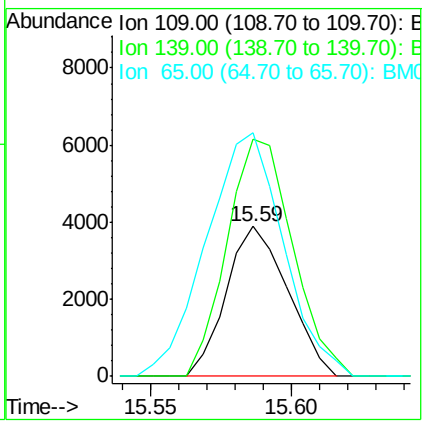




#53
4-Nitrophenol
Concen: 2.01 ng/ul
RT: 15.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:109 Resp: 5889

Ion	Ratio	Lower	Upper
109	100		
139	158.6	118.7	178.1
65	162.8	116.6	174.8



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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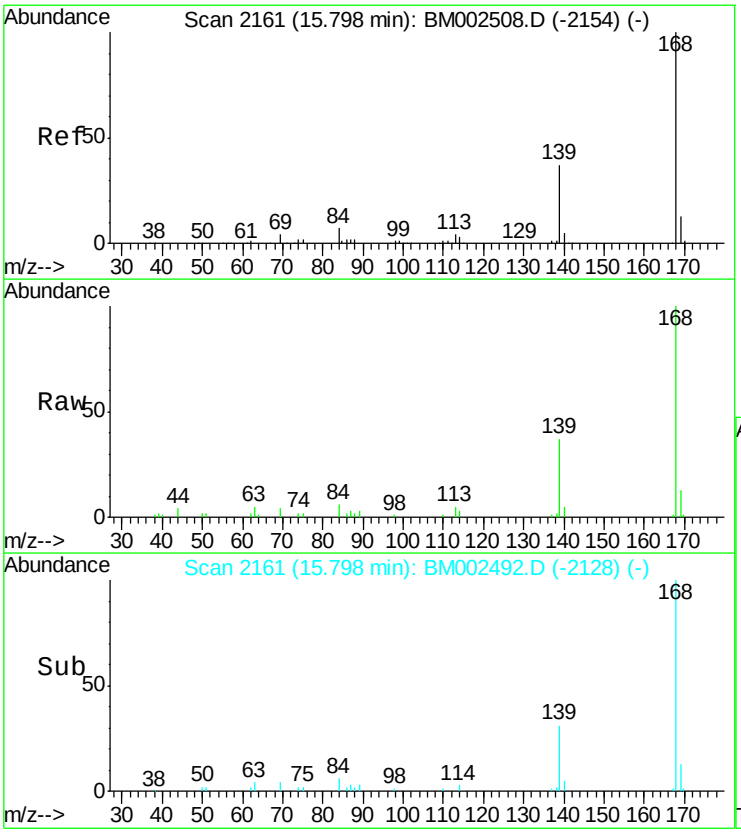
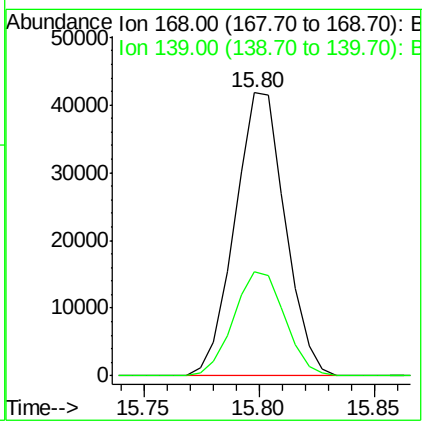
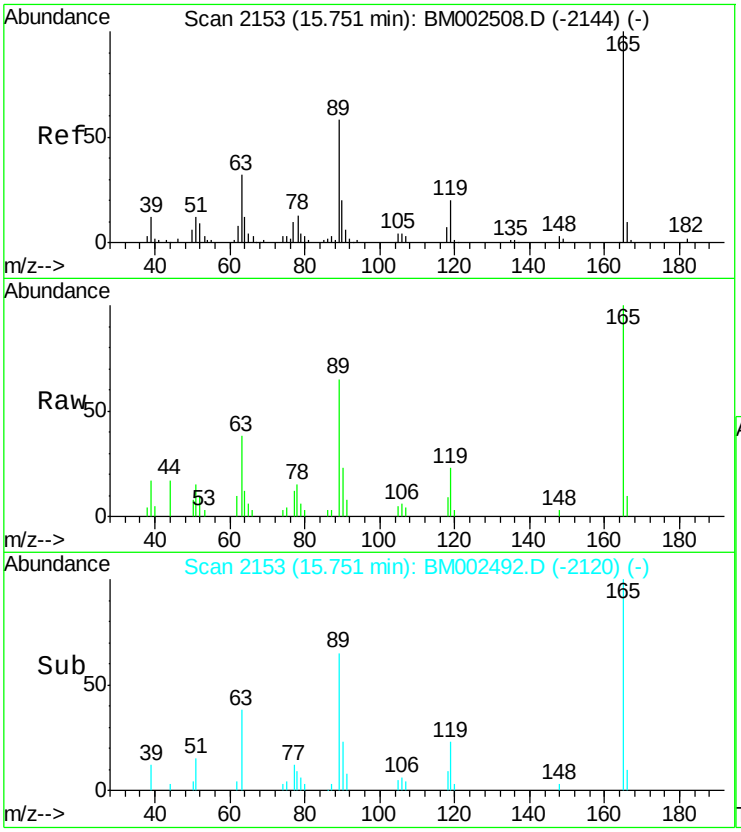


#54
Dibenzofuran
Concen: 2.45 ng/ul
RT: 15.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:168 Resp: 63661

Ion	Ratio	Lower	Upper
168	100		
139	37.0	31.3	46.9





#55
2,4-Dinitrotoluene
Concen: 2.52 ng/ul
RT: 15.75 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:165 Resp: 15142

Ion	Ratio	Lower	Upper
165	100		
63	37.6	35.9	53.9
182	0.0	2.5	3.7#

Instrument :
BNA_M
ClientSampleId :
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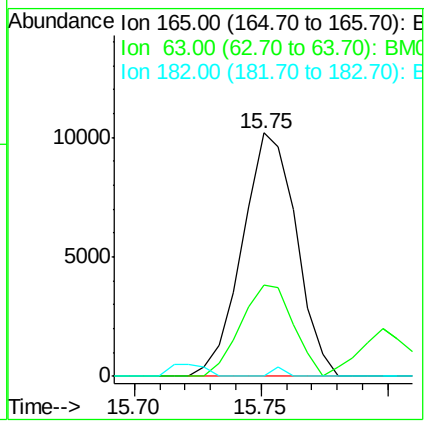
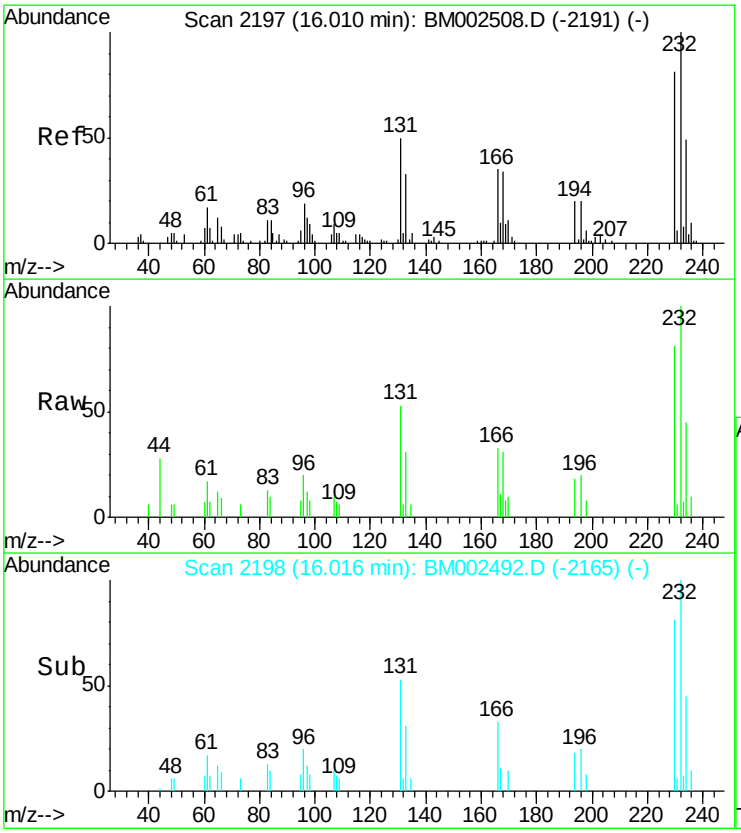
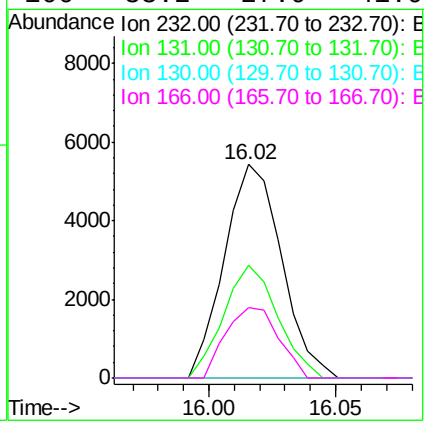


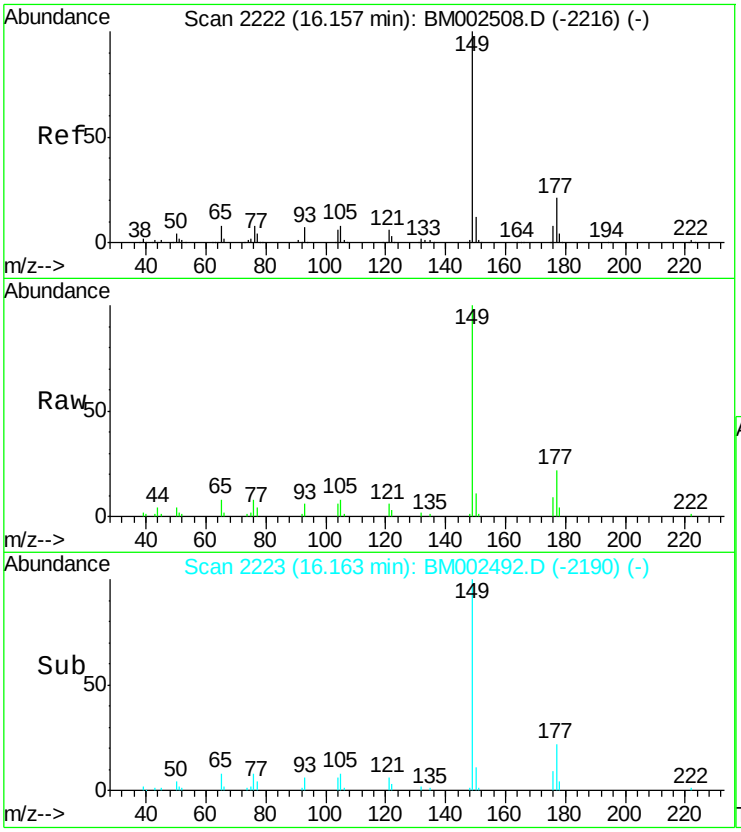


#56
2,3,4,6-Tetrachlorophenol
Concen: 2.08 ng/ul
RT: 16.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:232 Resp: 8545

Ion	Ratio	Lower	Upper
232	100		
131	52.8	42.2	63.4
130	0.0	2.2	3.4#
166	33.2	27.9	41.9

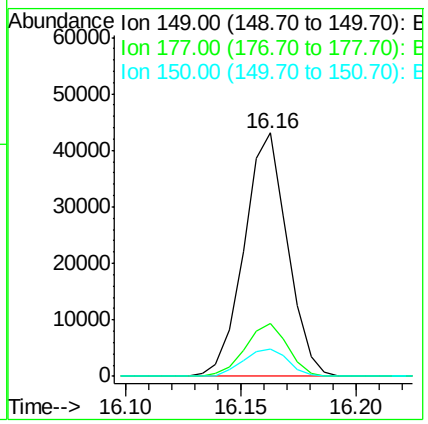




#57
Diethylphthalate
Concen: 2.33 ng/ul
RT: 16.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:149 Resp: 56420

Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	11.4	9.9	14.9



Instrument :
BNA_M
ClientSampleId :
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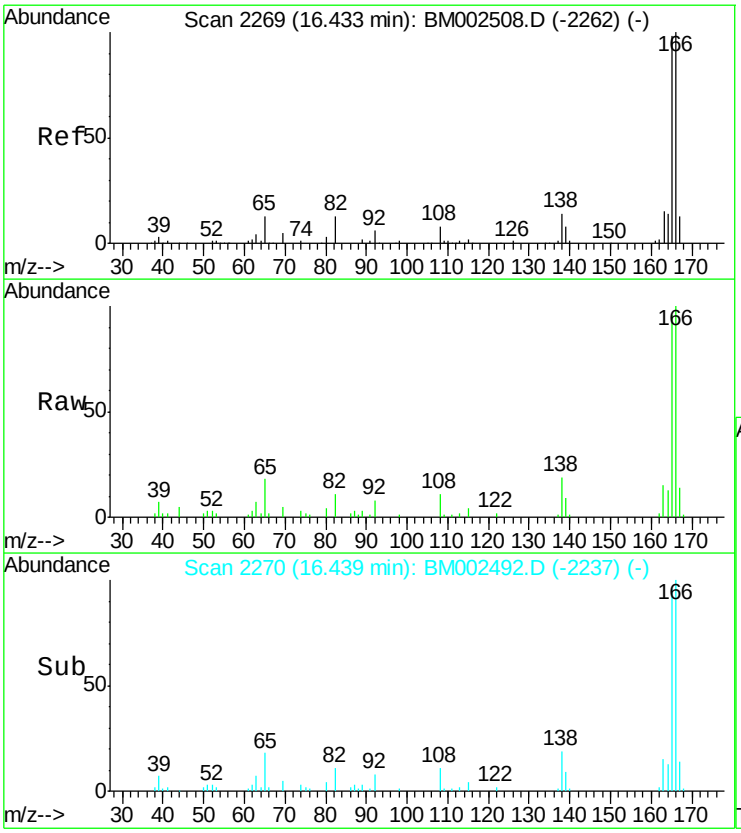
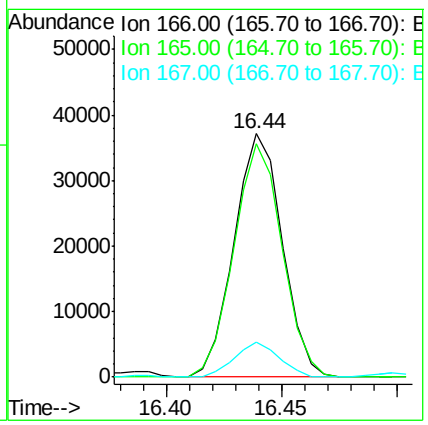
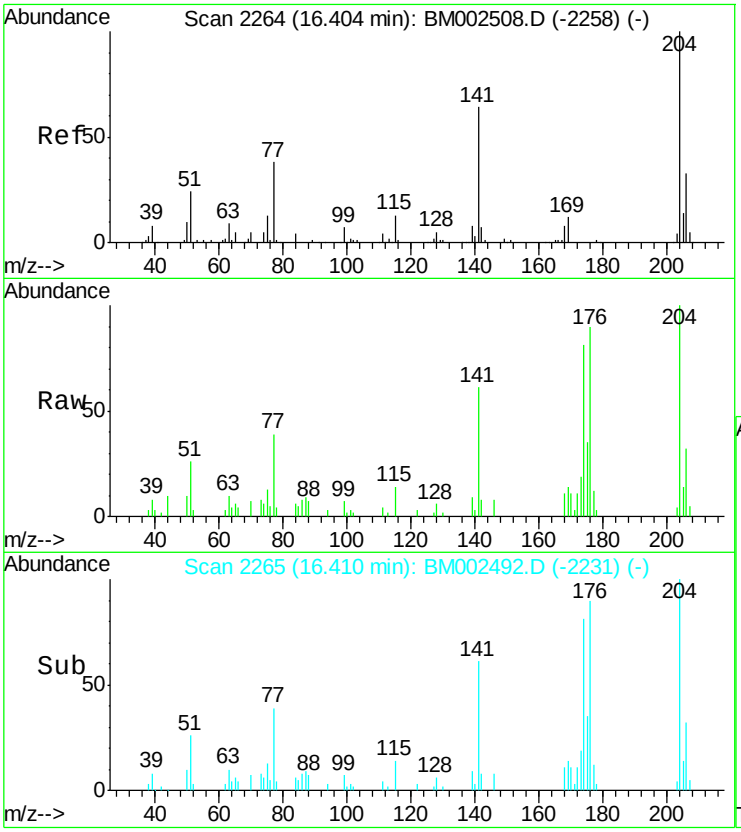


#59
Fluorene
Concen: 2.47 ng/ul
RT: 16.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:166 Resp: 54068

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.5	116.3
167	14.1	10.4	15.6





#60
4-Chlorophenyl-phenylether
Concen: 2.42 ng/ul
RT: 16.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:204 Resp: 24354

Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.0	39.0
141	60.9	53.7	80.5

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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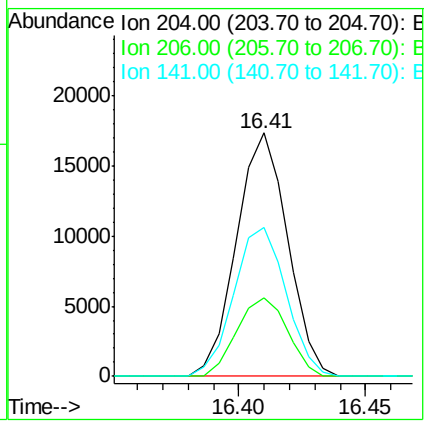
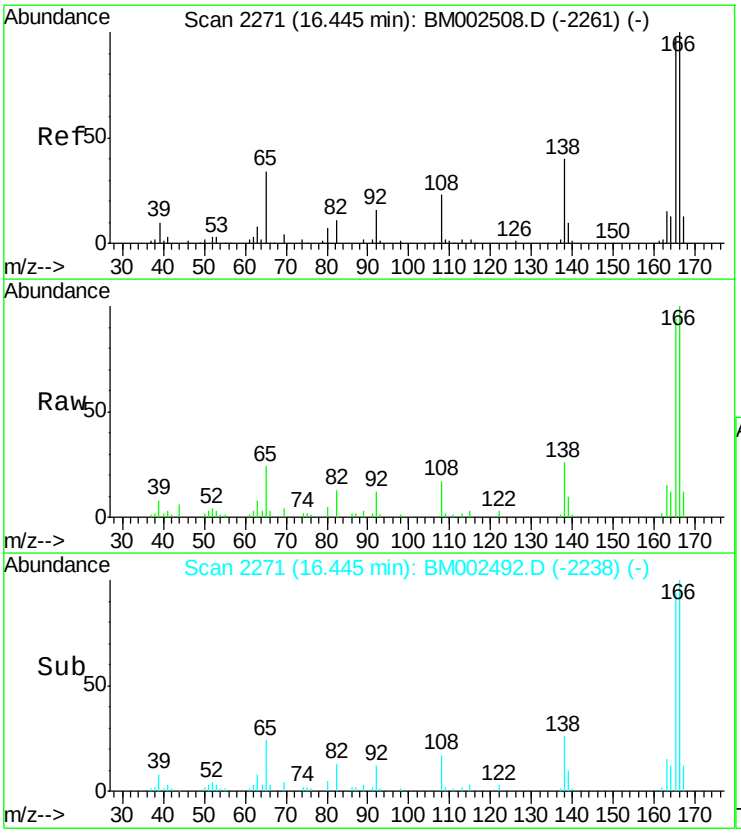
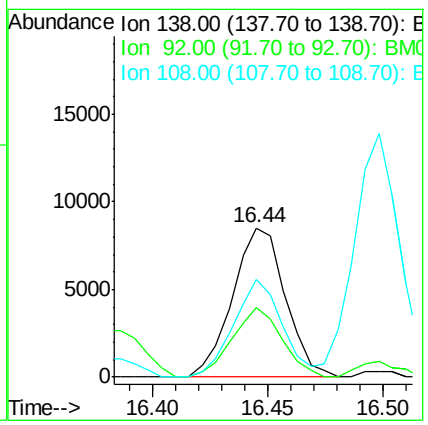


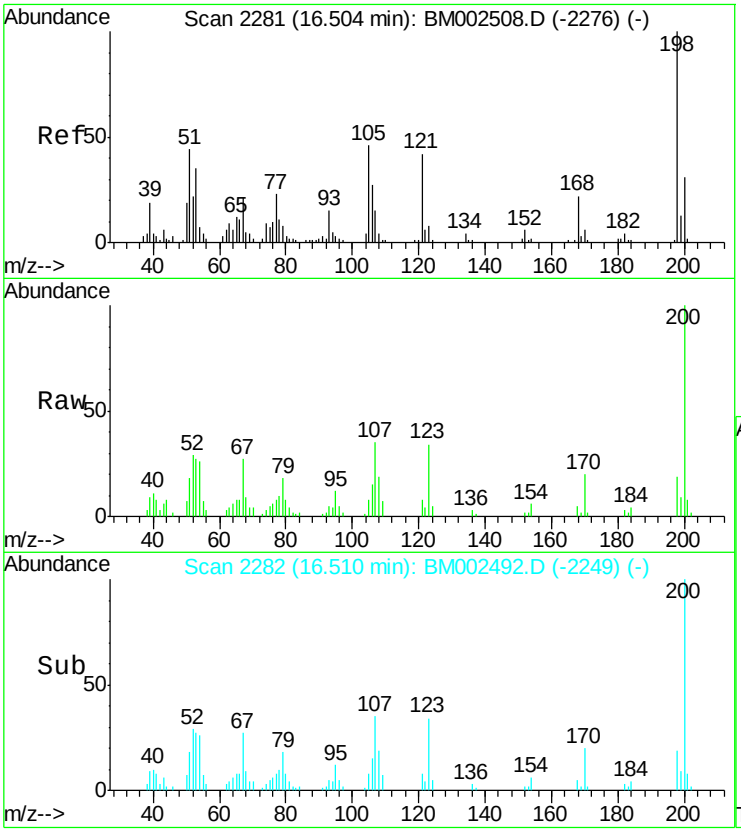


#61
4-Nitroaniline
Concen: 2.56 ng/ul
RT: 16.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:138 Resp: 13557

Ion	Ratio	Lower	Upper
138	100		
92	46.6	40.4	60.6
108	65.9	56.2	84.2





#64
4,6-Dinitro-2-methylphenol
Concen: 2.70 ng/ul
RT: 16.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:198 Resp: 7071

Ion	Ratio	Lower	Upper
198	100		
182	16.8	3.7	5.5#
77	45.5	24.2	36.4#

Instrument :
BNA_M
ClientSampleId :
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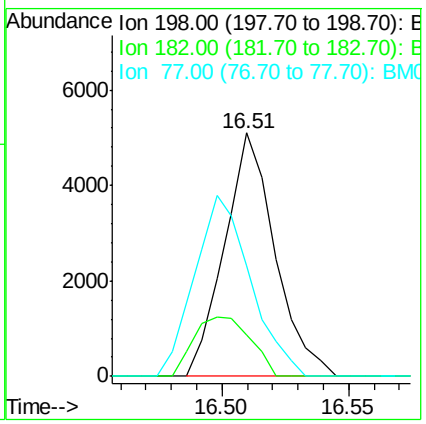
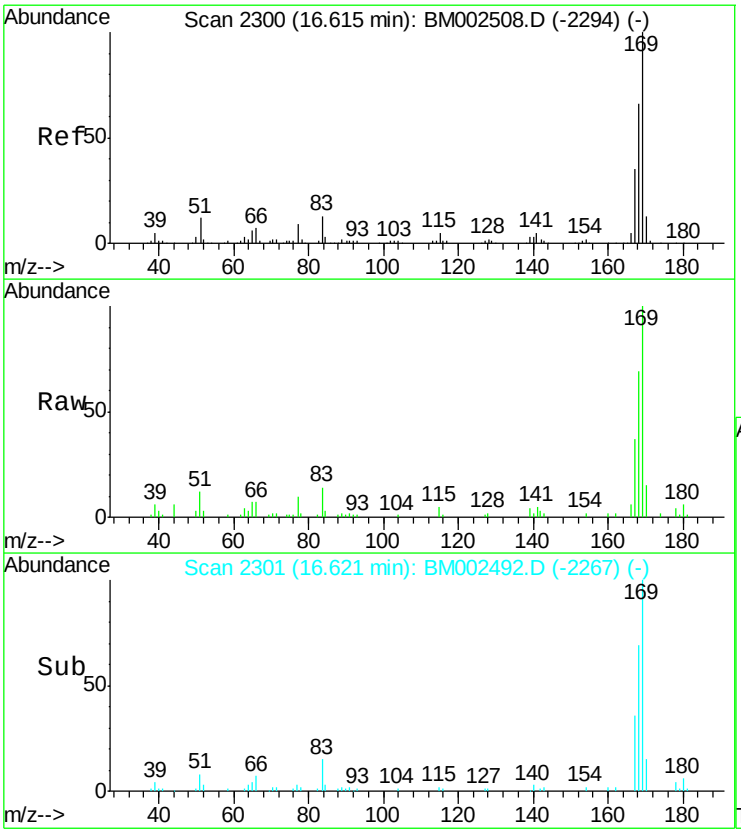
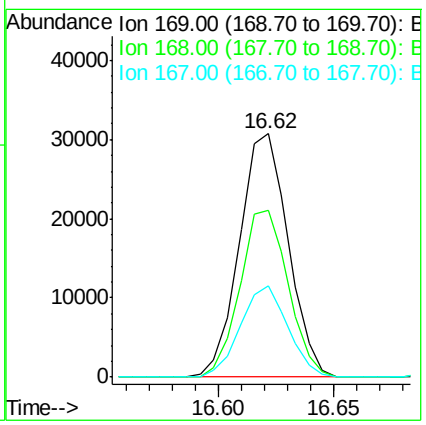


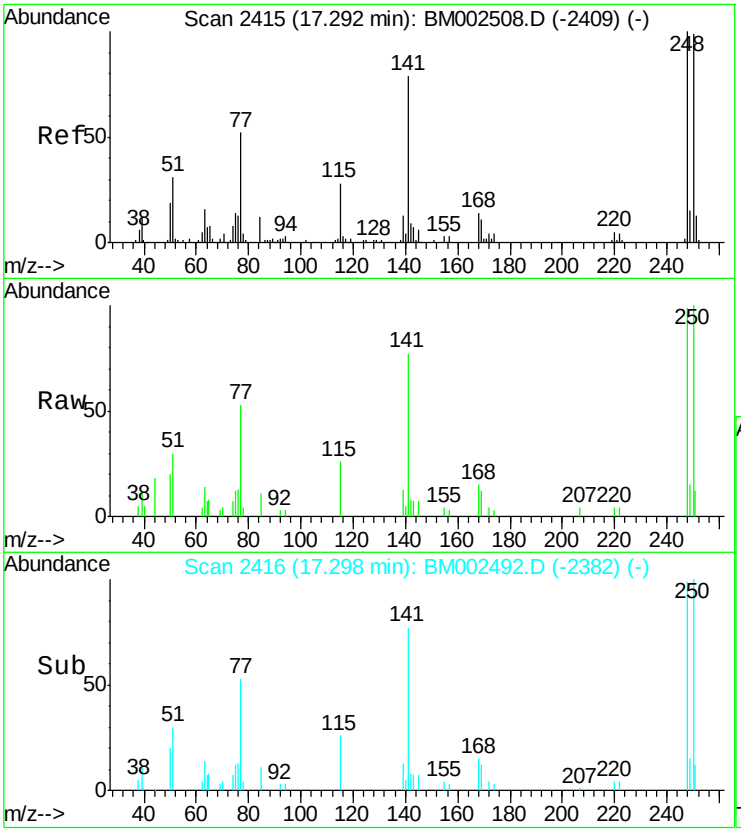


#65
N-Nitrosodiphenylamine
Concen: 2.33 ng/ul
RT: 16.62 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:169 Resp: 45322

Ion	Ratio	Lower	Upper
169	100		
168	68.7	53.4	80.2
167	37.4	28.8	43.2

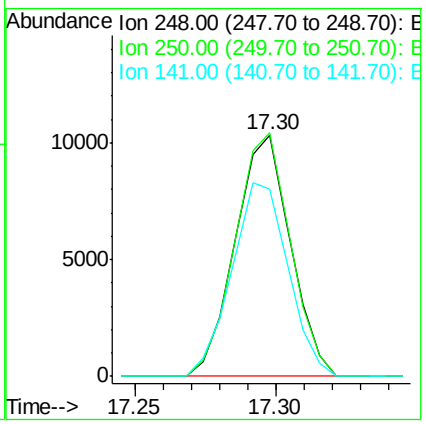




#66
4-Bromophenyl-phenylether
Concen: 2.26 ng/ul
RT: 17.30 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:248 Resp: 14033

Ion	Ratio	Lower	Upper
248	100		
250	100.8	78.5	117.7
141	77.3	66.2	99.4



Instrument :
BNA_M
ClientSampleId :
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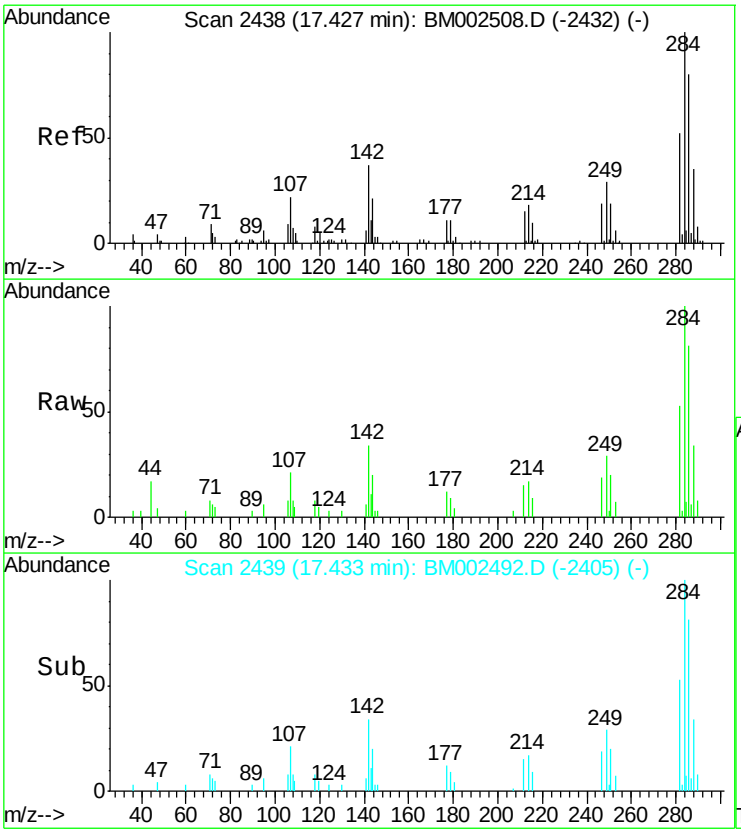
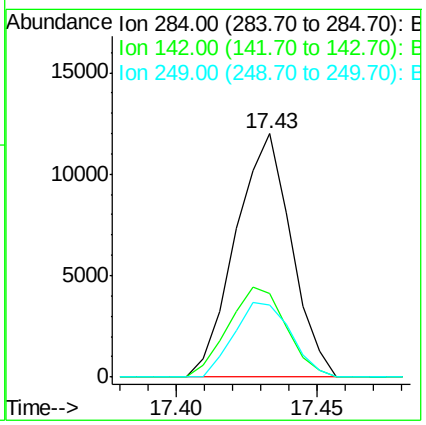
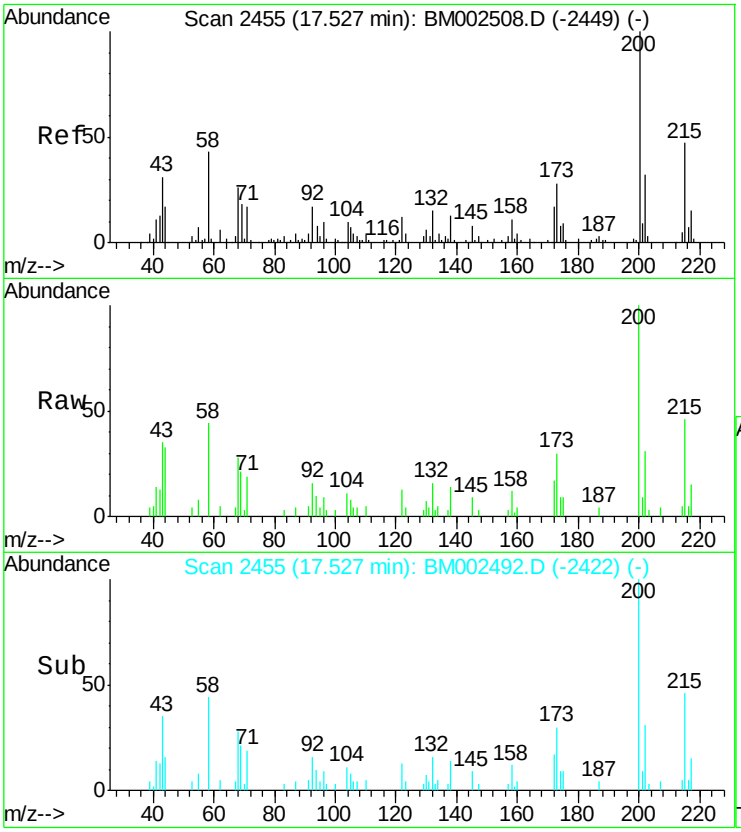


#67
Hexachlorobenzene
Concen: 2.33 ng/ul
RT: 17.43 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:284 Resp: 16417

Ion	Ratio	Lower	Upper
284	100		
142	34.2	30.2	45.4
249	29.5	24.6	36.8

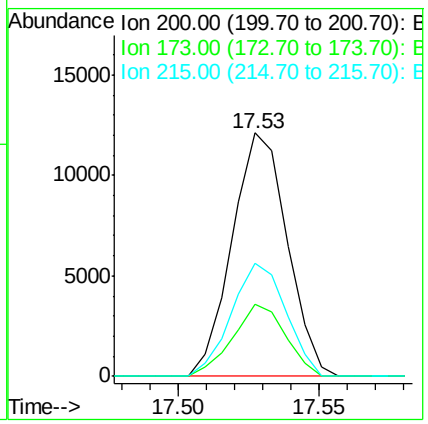




#68
Atrazine
Concen: 2.42 ng/ul
RT: 17.53 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:200 Resp: 16402

Ion	Ratio	Lower	Upper
200	100		
173	29.6	22.4	33.6
215	46.3	38.5	57.7



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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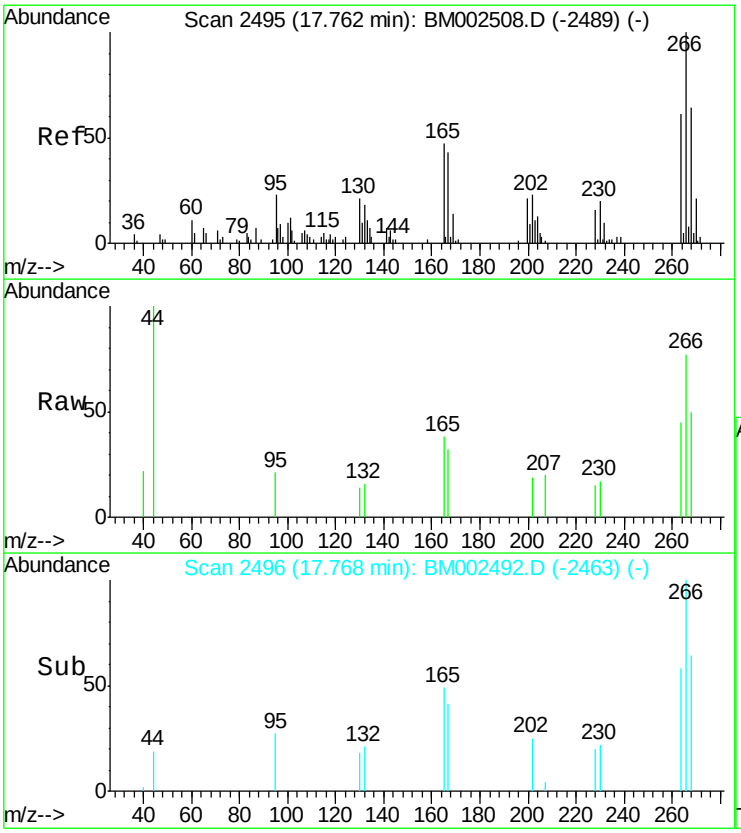
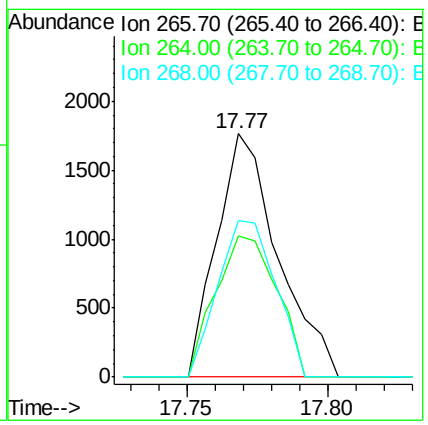
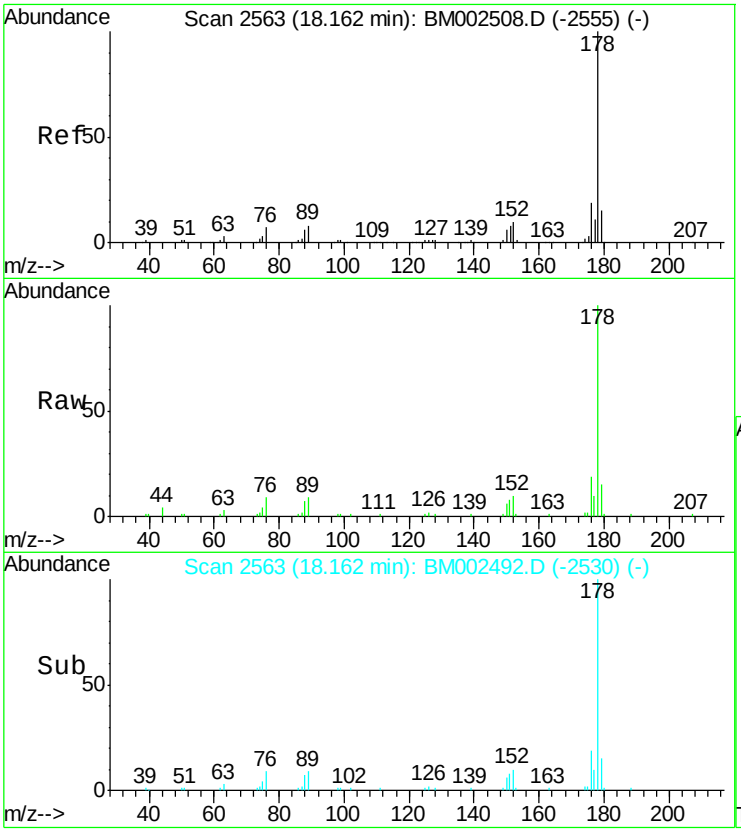


#69
Pentachlorophenol
Concen: 0.77 ng/ul
RT: 17.77 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:266 Resp: 2662

Ion	Ratio	Lower	Upper
266	100		
264	58.0	50.3	75.5
268	64.2	51.0	76.4

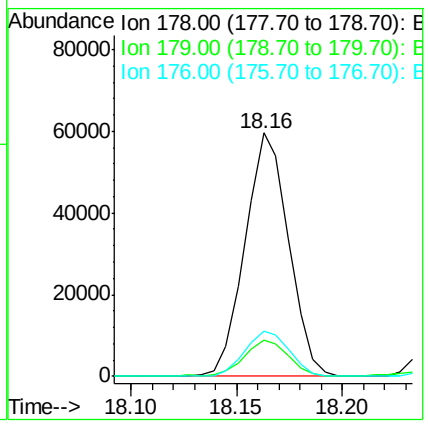




#70
Phenanthrene
Concen: 2.50 ng/ul
RT: 18.16 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:178 Resp: 85233

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.8	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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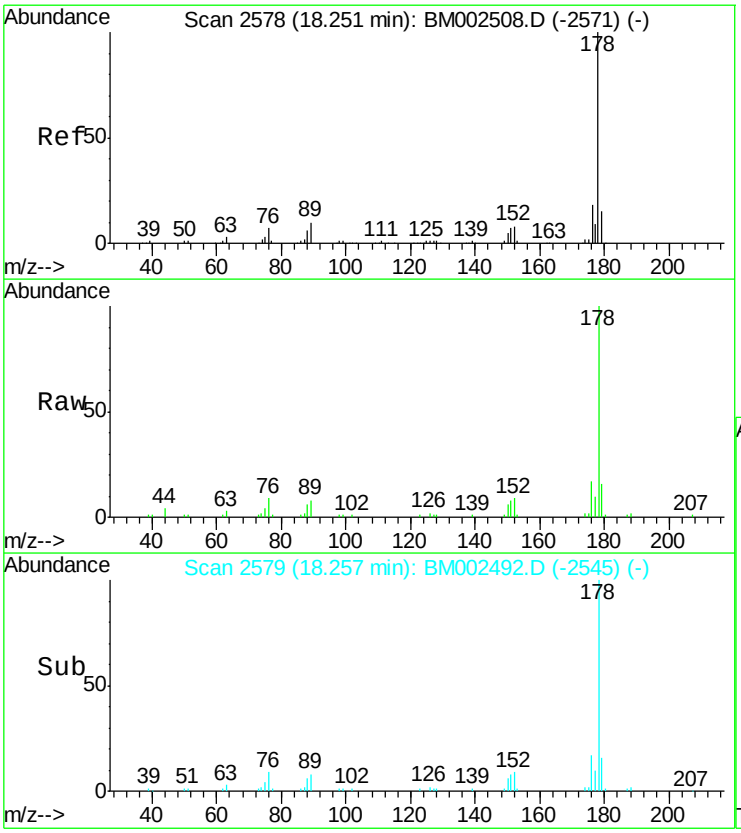
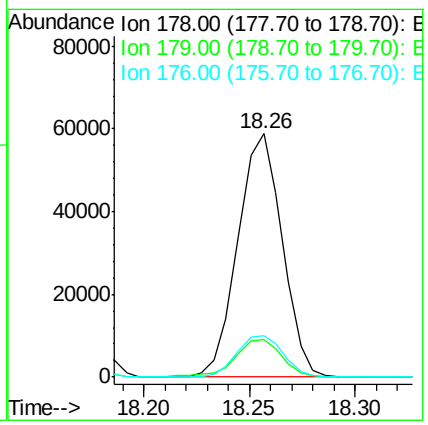
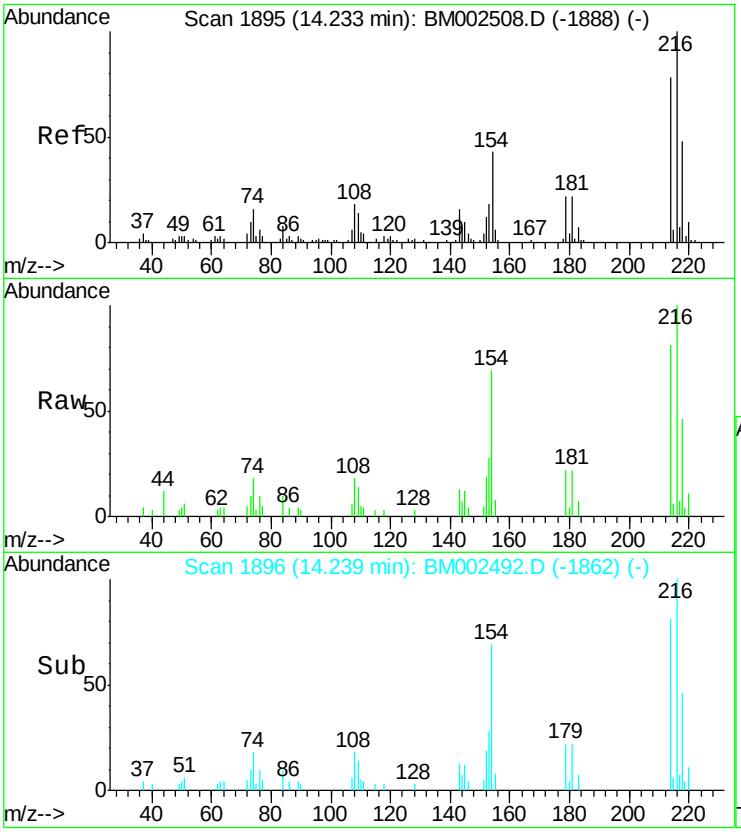


#72
Anthracene
Concen: 2.44 ng/ul
RT: 18.26 min Scan# 2579
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:178 Resp: 85859

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	17.2	14.5	21.7

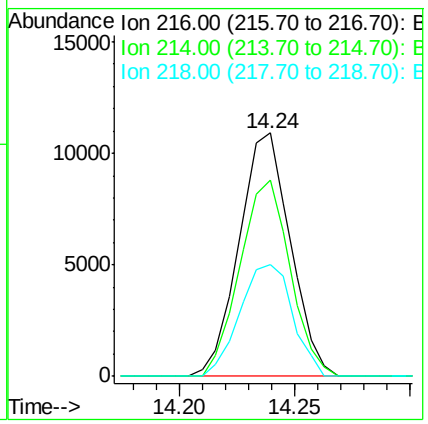




#73
1,2,3,4-Tetrachlorobenzene
Concen: 2.10 ng/uL
RT: 14.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:216 Resp: 16919

Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.4	95.0
218	46.1	38.9	58.3



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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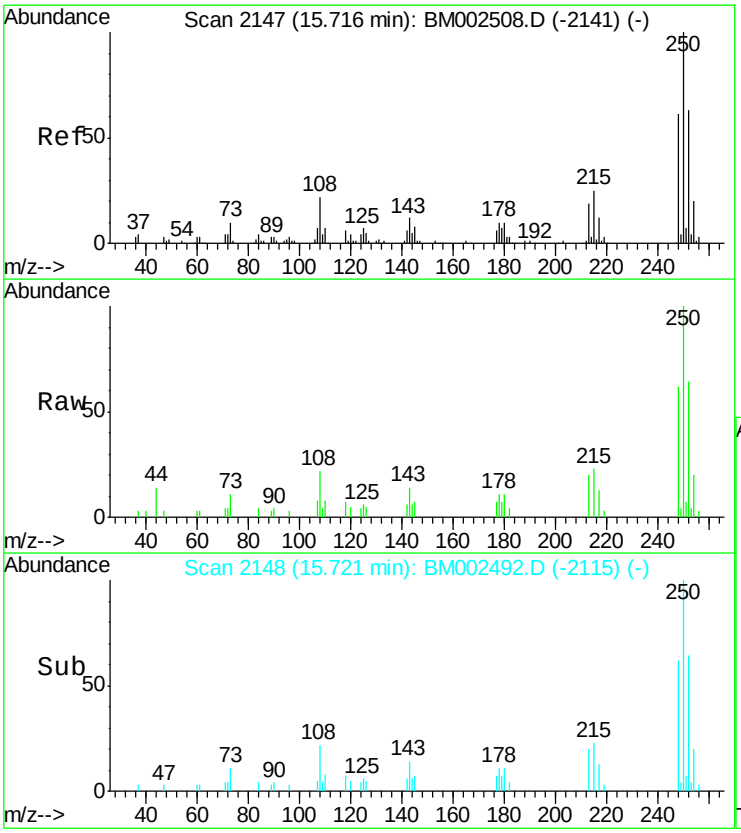
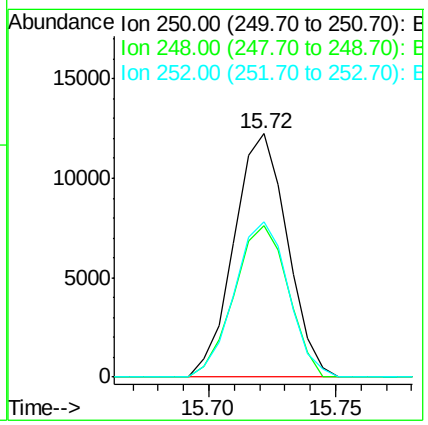
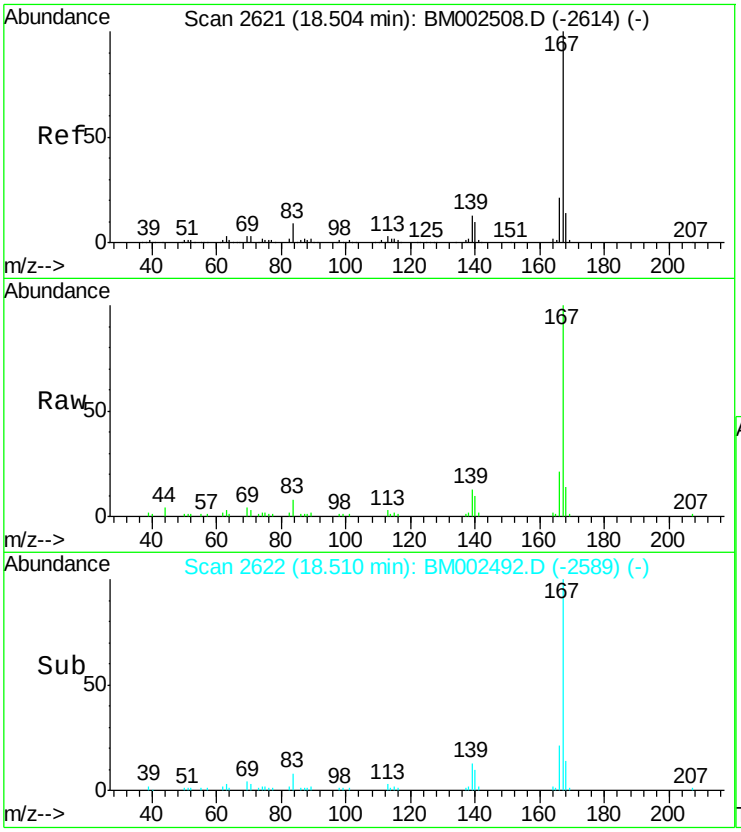


#74
Pentachlorobenzene
Concen: 2.31 ng/uL
RT: 15.72 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:250 Resp: 17984

Ion	Ratio	Lower	Upper
250	100		
248	62.1	51.0	76.6
252	67.3	50.1	75.1

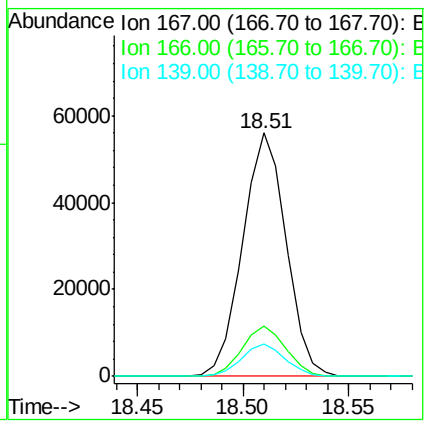




#75
Carbazole
Concen: 2.51 ng/ul
RT: 18.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:167 Resp: 80116

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.0	25.6
139	13.5	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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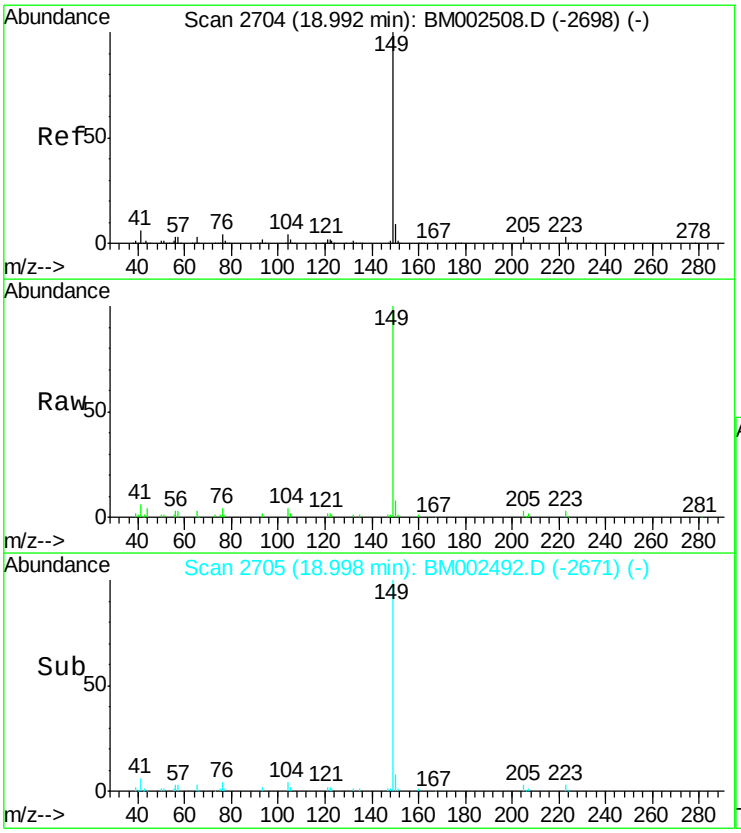
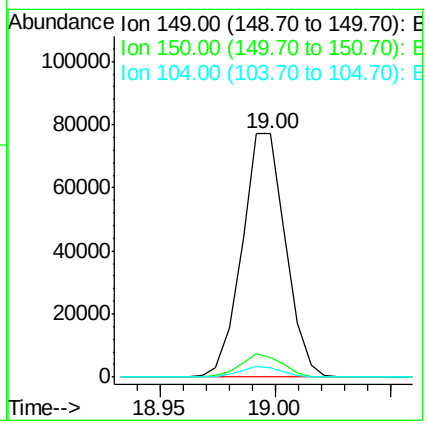
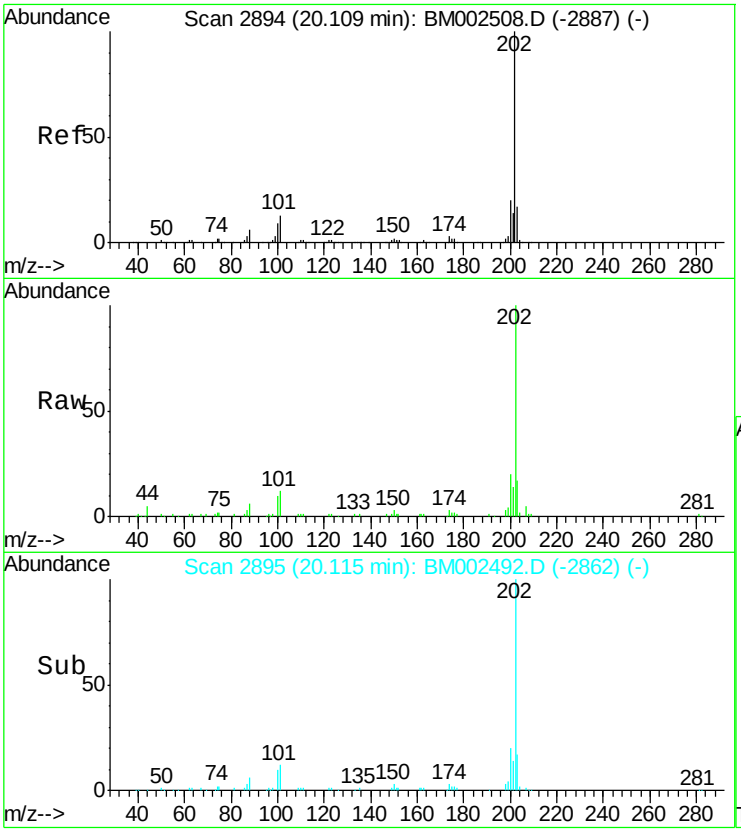


#76
Di-n-butylphthalate
Concen: 2.36 ng/ul
RT: 19.00 min Scan# 2705
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:149 Resp: 101035

Ion	Ratio	Lower	Upper
149	100		
150	8.2	7.3	10.9
104	4.1	3.8	5.6

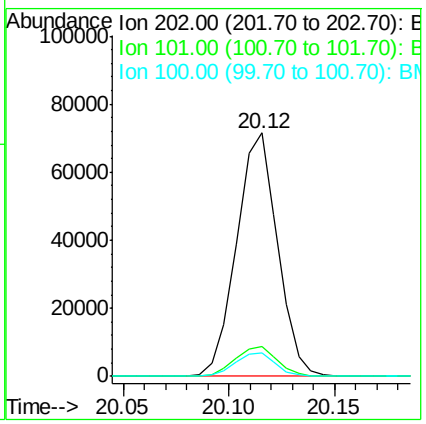




#77
Fluoranthene
Concen: 2.66 ng/ul
RT: 20.12 min Scan# 2895
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:202 Resp: 95996

Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.6	15.8
100	9.8	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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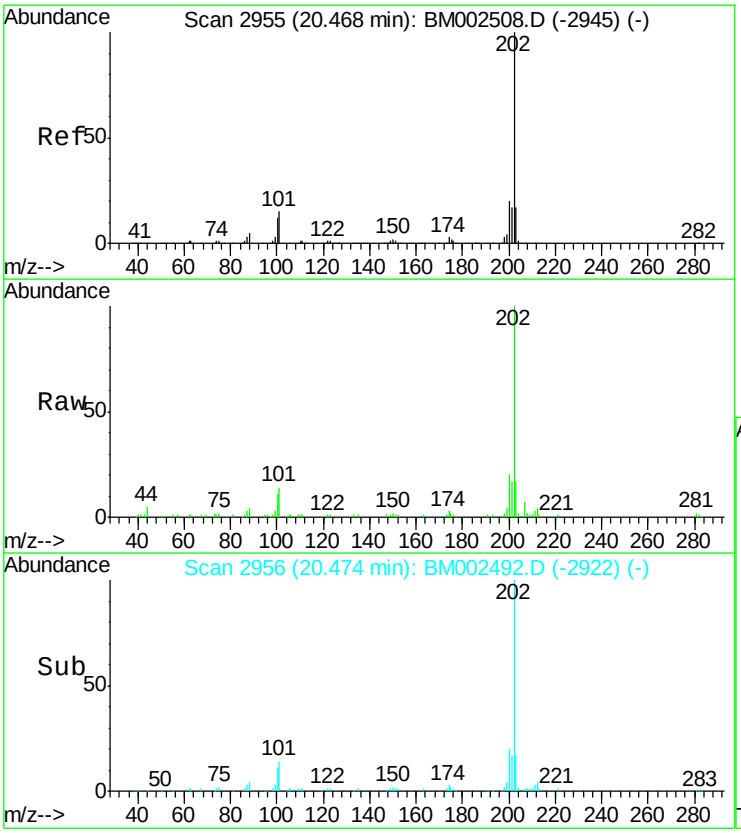
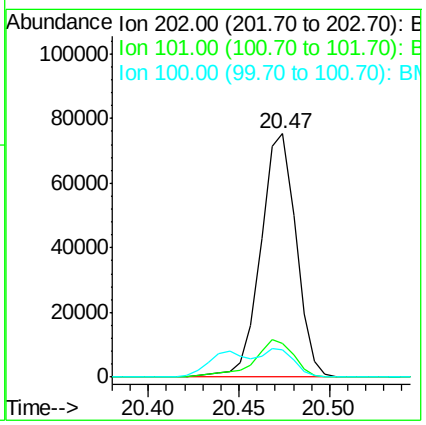
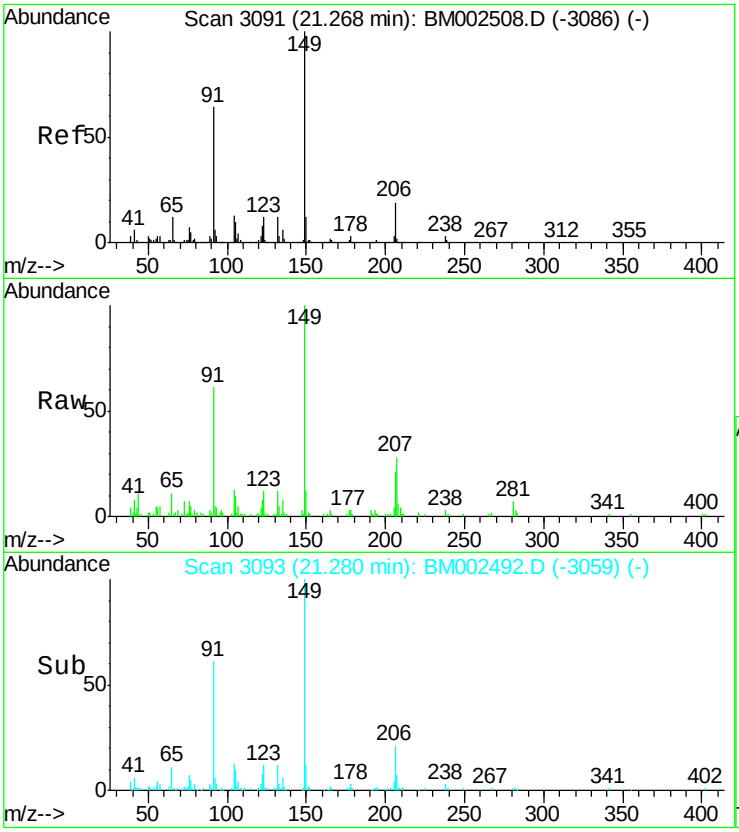


#80
Pyrene
Concen: 2.48 ng/ul
RT: 20.47 min Scan# 2956
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:202 Resp: 102224

Ion	Ratio	Lower	Upper
202	100		
101	14.0	13.0	19.6
100	11.1	11.0	16.4





#81
Butylbenzylphthalate
Concen: 2.32 ng/ul
RT: 21.28 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:149 Resp: 47335

Ion	Ratio	Lower	Upper
149	100		
91	60.6	57.5	86.3
206	20.8	15.2	22.8

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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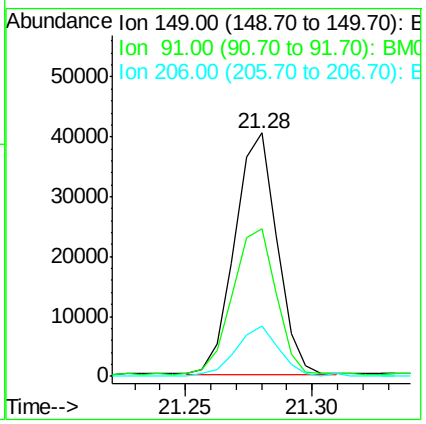
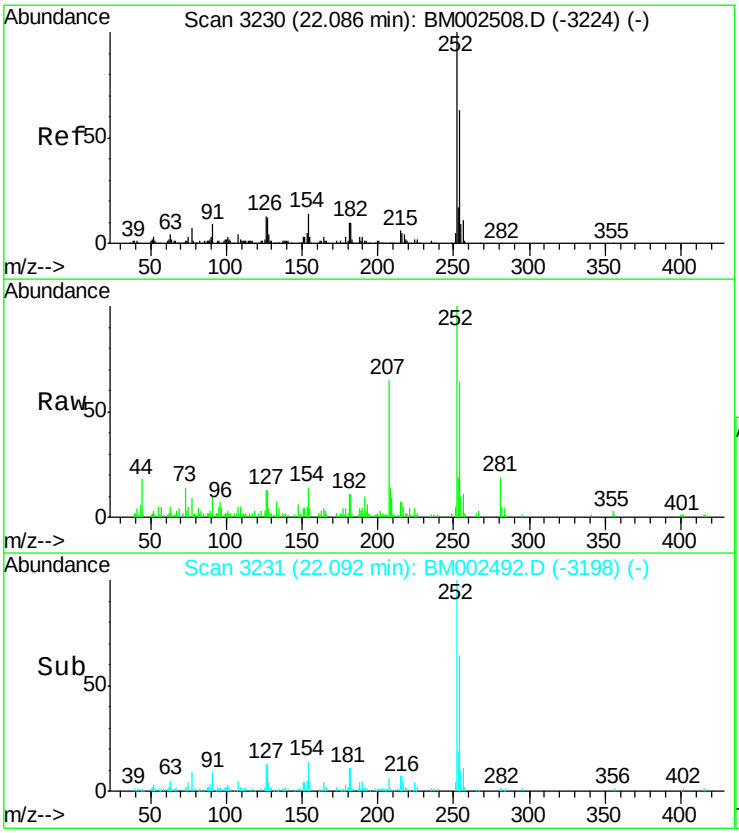
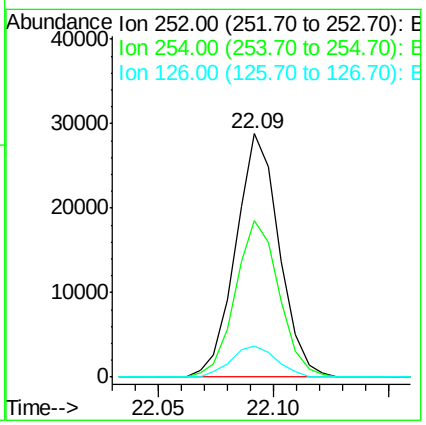


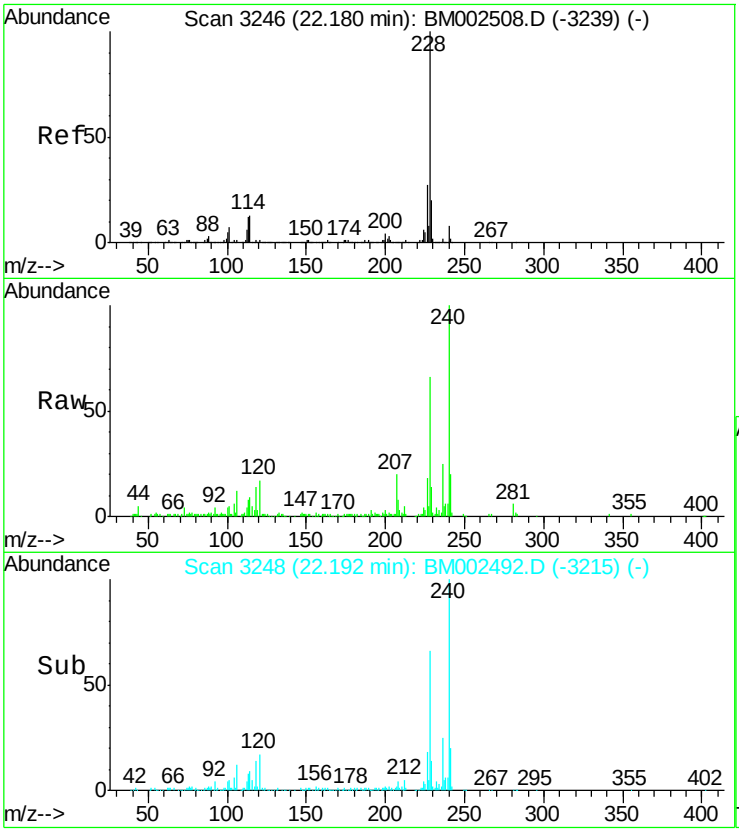


#82
3,3'-Dichlorobenzidine
Concen: 3.08 ng/ul
RT: 22.09 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:252 Resp: 37755

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.5	78.7
126	13.0	11.8	17.8





#83
Benzo(a)anthracene
Concen: 2.51 ng/ul
RT: 22.19 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:228 Resp: 97997

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	27.4	21.4	32.0

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Manual Integrations APPROVED
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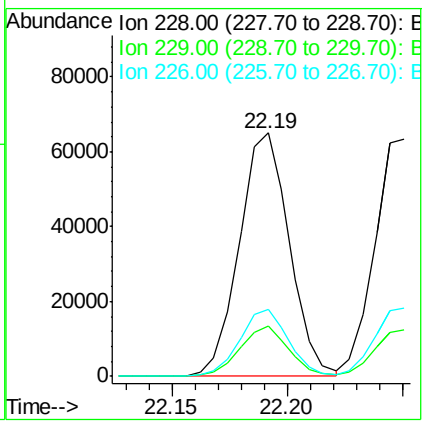
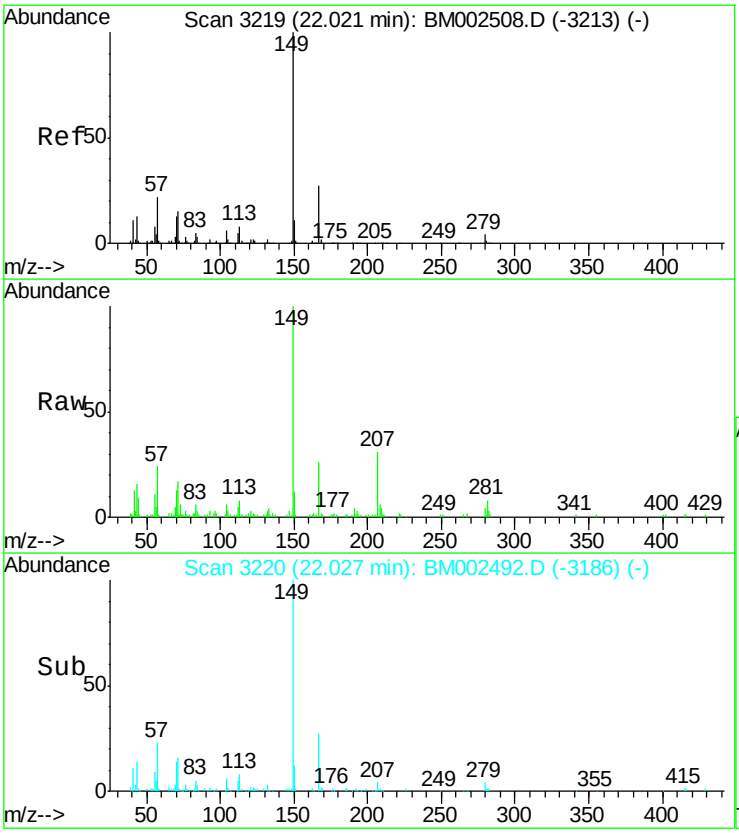
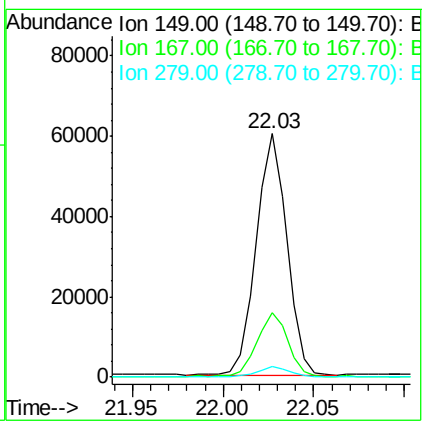


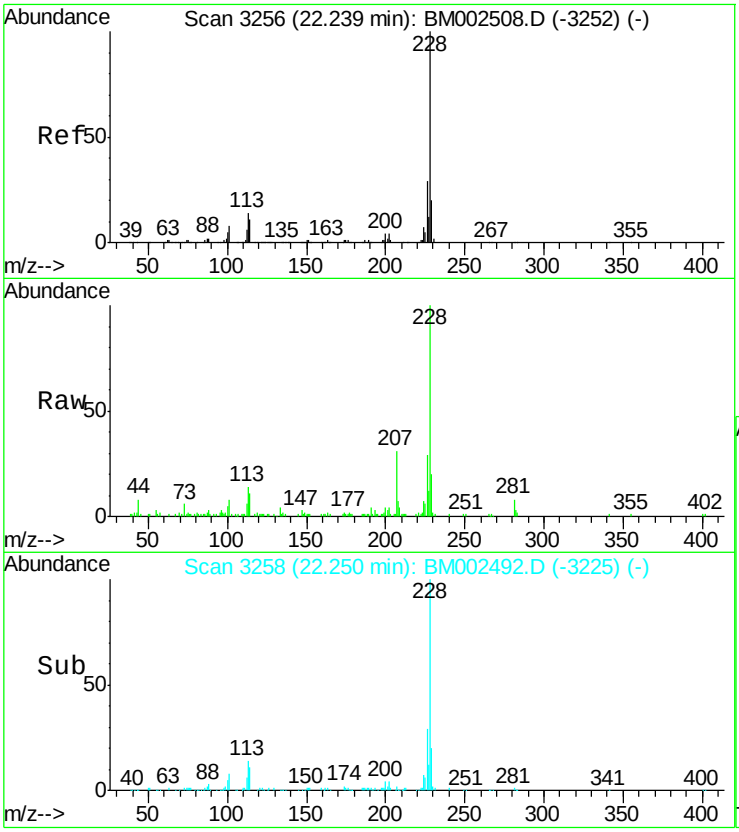


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.39 ng/ul
RT: 22.03 min Scan# 3220
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:149 Resp: 70524

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.4	32.2
279	4.1	3.2	4.8





#85
Chrysene
Concen: 2.49 ng/ul
RT: 22.25 min Scan# 3258
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:228 Resp: 92136

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.0
229	19.8	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
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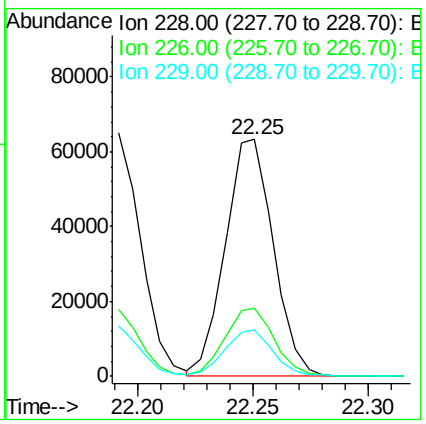
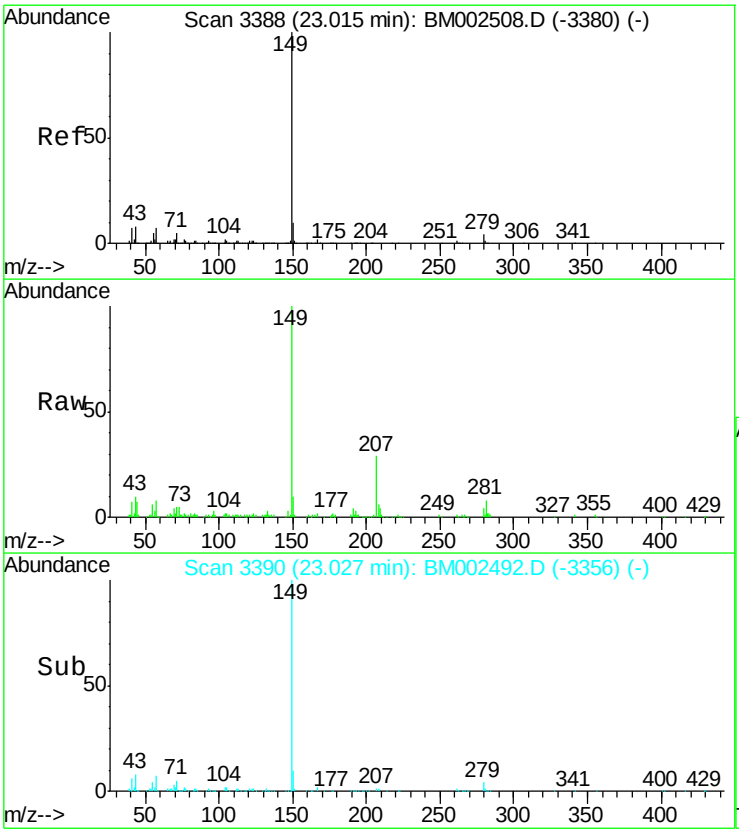
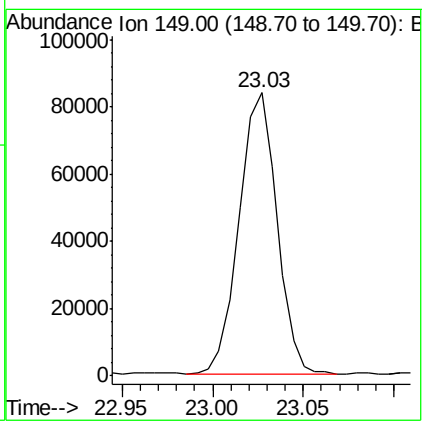
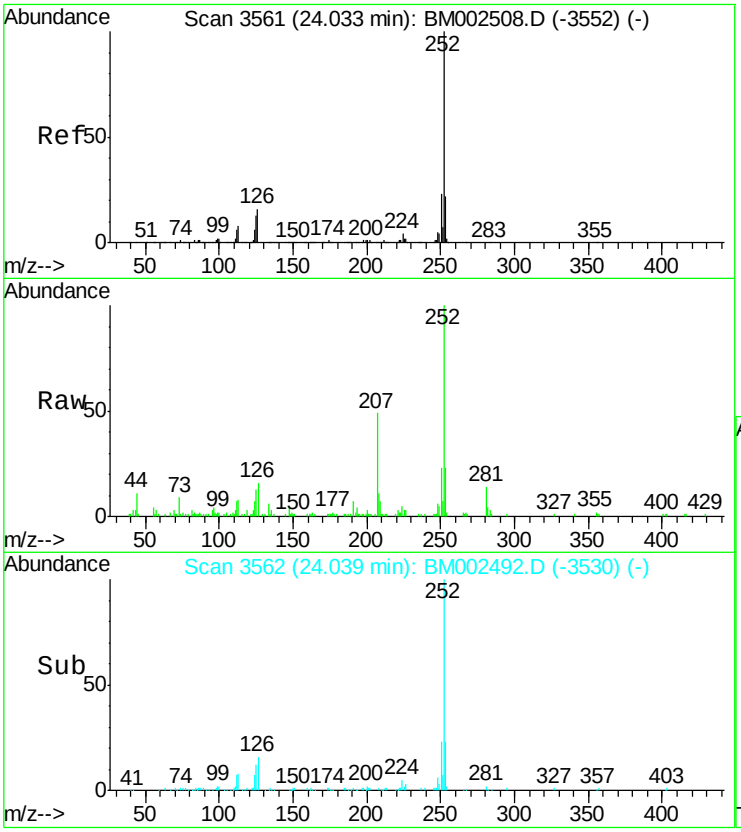




#87
Di-n-octyl phthalate
Concen: 2.43 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.00 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:149 Resp: 121502

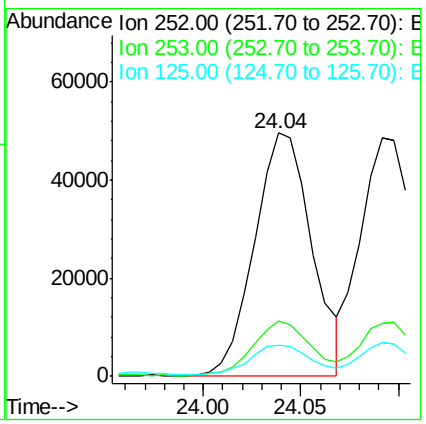




#88
Benzo(b)fluoranthene
Concen: 2.48 ng/ul
RT: 24.04 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:252 Resp: 101325

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	12.6	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
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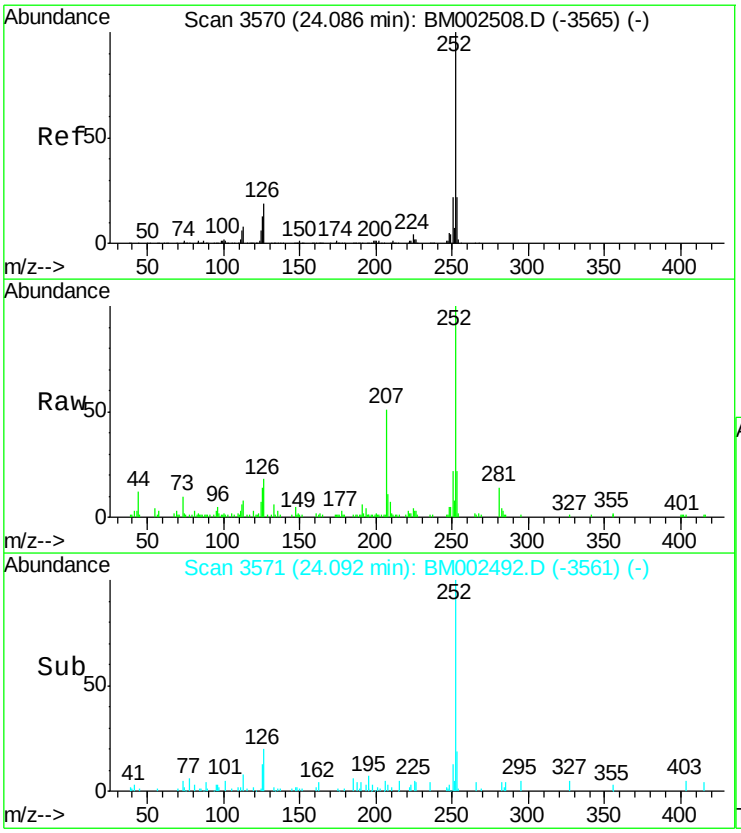
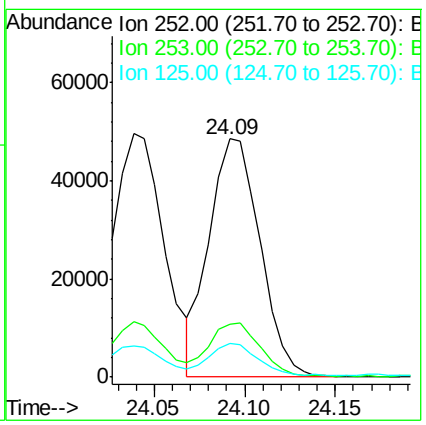
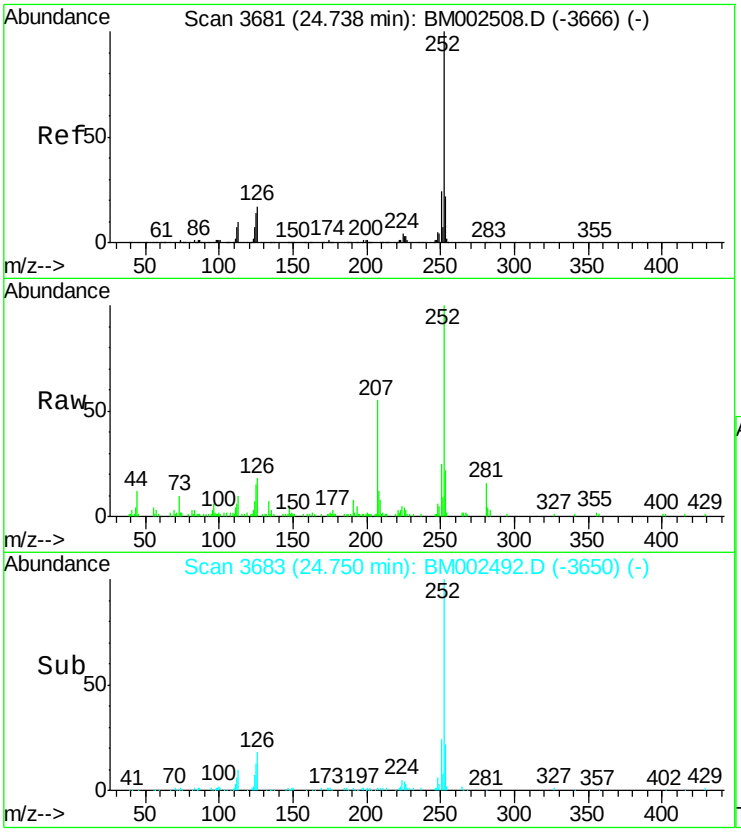


#89
Benzo(k)fluoranthene
Concen: 2.43 ng/ul
RT: 24.09 min Scan# 3571
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:252 Resp: 95022

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	14.1	10.2	15.4

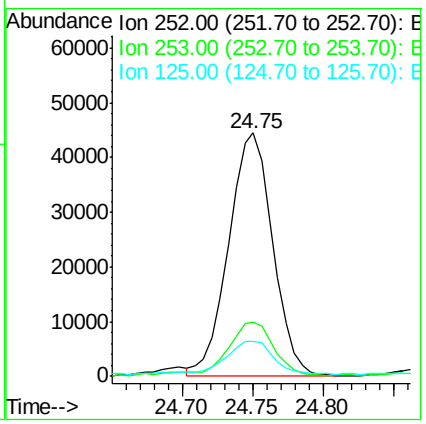




#91
Benzo(a)pyrene
Concen: 2.49 ng/ul
RT: 24.75 min Scan# 3683
Delta R.T. -0.01 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:252 Resp: 97153

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	14.5	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
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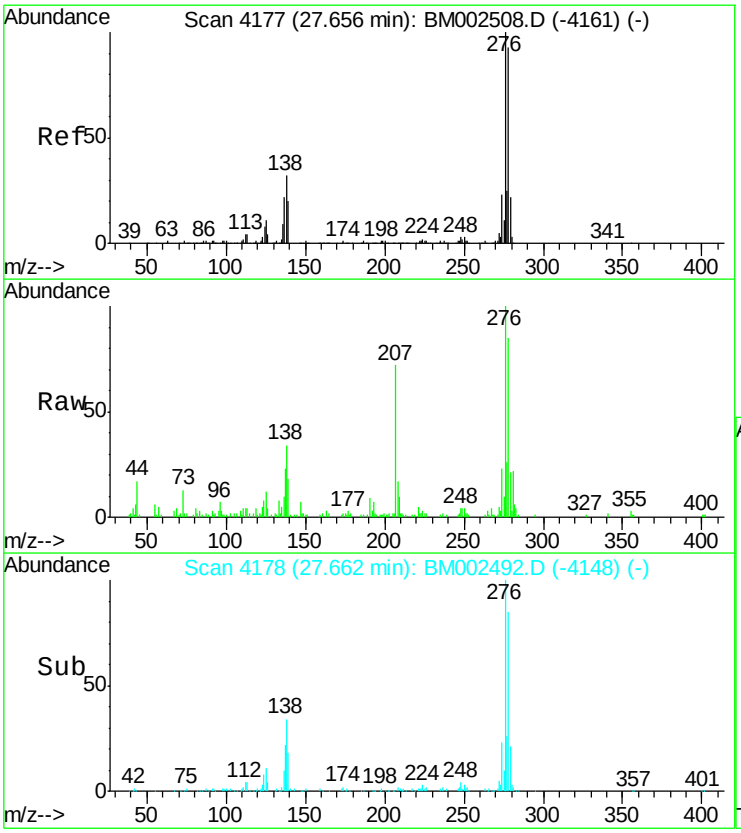
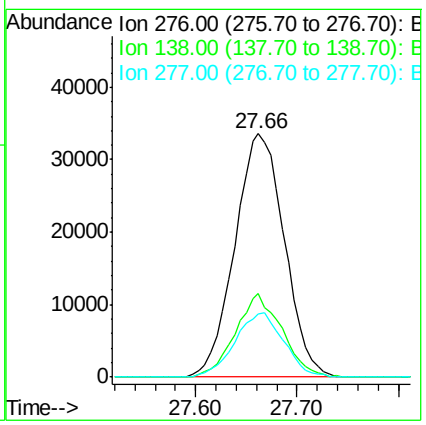
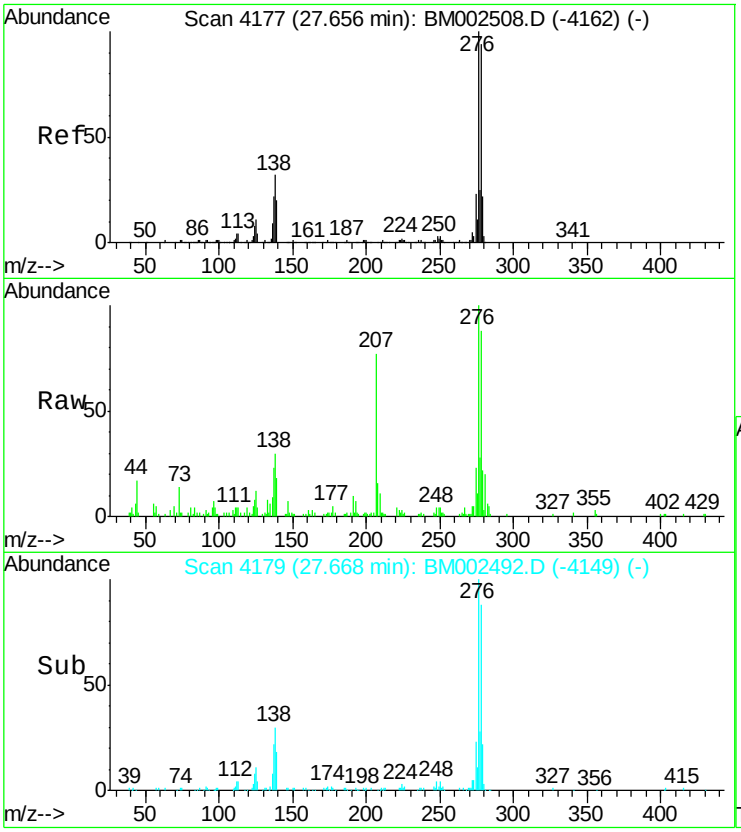


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.54 ng/ul
RT: 27.66 min Scan# 4178
Delta R.T. -0.02 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:276 Resp: 113830

Ion	Ratio	Lower	Upper
276	100		
138	34.1	25.6	38.4
277	25.7	21.0	31.4

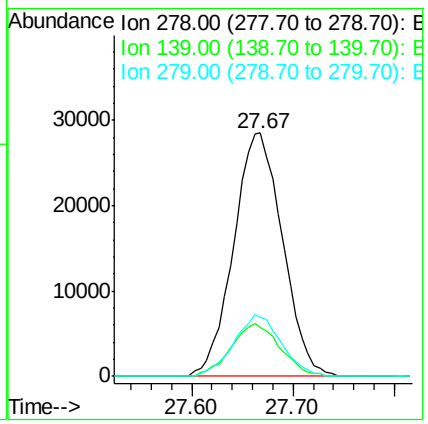




#93
Dibenzo(a,h)anthracene
Concen: 2.52 ng/ul
RT: 27.67 min Scan# 4179
Delta R.T. -0.02 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:278 Resp: 95347

Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.4	24.6
279	24.6	18.8	28.2



Instrument :
BNA_M
ClientSampleId :
MDL-01-W

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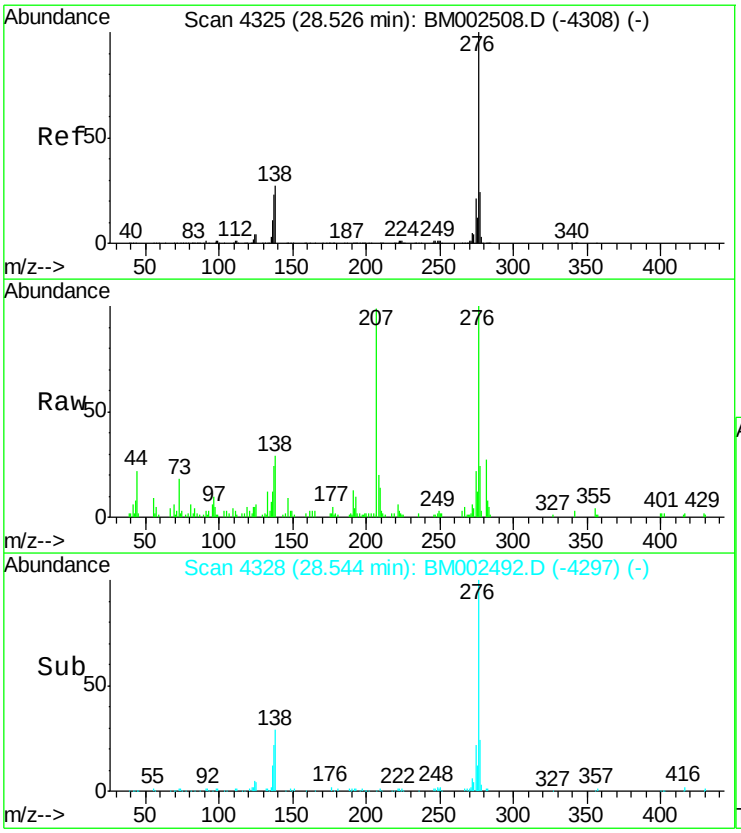

#94
Benzo(g,h,i)perylene
Concen: 2.47 ng/ul
RT: 28.54 min Scan# 4328
Delta R.T. -0.02 min
Lab File: BM002492.D
Acq: 19 Aug 2015 15:41

Tgt Ion:276 Resp: 93079

Ion	Ratio	Lower	Upper
276	100		
138	29.2	20.5	30.7
277	23.8	19.0	28.6