Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002493.D
Acq On : 19 Aug 2015 16:23
Operator : UM/IZ
Sample : MDL-02-W
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-02-W

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:35:39 PM

Quant Time: Aug 20 03:23:46 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	107798	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	526563	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.42	164	302840	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	663945	20.00	ng/ul	0.00
78) Chrysene-d12	22.21	240	699006	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	713697	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.86	96	13951	5.98	ng/uL	0.00
5) Phenol-d5	7.93	99	305252	31.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	174384	30.29	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	274559	34.07	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	277482	33.22	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	145359	36.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.76	143	159356	45.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.30	165	261925	34.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.82	131	418208	41.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	892317	35.79	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	1106624	35.27	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	165310	36.74	ng/ul	0.00
58) Fluorene-d10	16.39	176	754832	34.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.50	200	124132	47.58	ng/ul	0.00
71) Anthracene-d10	18.22	188	1165953	36.19	ng/ul	0.00
79) Pyrene-d10	20.44	212	1225372	36.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.70	264	1396129	36.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	1323	0.50	ng/uL#	1
4) Benzaldehyde	7.93	77	17319	3.01	ng/ul	95
6) Phenol	7.96	94	25970	2.60	ng/ul	94
8) Bis(2-Chloroethyl)ether	8.21	93	22403	2.91	ng/ul	94
10) 2-Chlorophenol	8.37	128	23042	2.80	ng/ul	89
11) 2-Methylphenol	9.26	108	21056	2.66	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	9.35	45	29846	2.18	ng/ul	95
14) Acetophenone	9.66	105	37334	3.00	ng/ul#	95
15) N-Nitroso-di-n-propylamine	9.63	70	18243	2.73	ng/ul	94
16) 4-Methylphenol	9.59	108	23729	2.74	ng/ul	100
17) Hexachloroethane	9.94	117	8583	2.64	ng/ul	92
20) Nitrobenzene	10.06	77	24497	2.67	ng/ul	92
21) Isophorone	10.58	82	51320	2.81	ng/ul	99
23) 2-Nitrophenol	10.79	139	14404	3.63	ng/ul	92
24) 2,4-Dimethylphenol	10.82	107	26190	2.69	ng/ul	99
25) Bis(2-Chloroethoxy)methane	11.05	93	30840	2.73	ng/ul	98
27) 2,4-Dichlorophenol	11.33	162	22188	3.01	ng/ul	89
28) Naphthalene	11.74	128	81006	2.92	ng/ul	99
30) 4-Chloroaniline	11.84	127	36549	3.62	ng/ul	99
31) Hexachlorobutadiene	12.00	225	12214	2.87	ng/ul	95
32) Caprolactam	12.59	113	8638m	2.84	ng/ul	
33) 4-Chloro-3-methylphenol	12.90	107	25199	2.73	ng/ul	94
34) 2-Methylnaphthalene	13.29	142	60397	3.05	ng/ul	96

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Manual Integrations APPROVED
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Quant Time: Aug 20 03:23:46 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	13.64	216	26623	3.06 ng/ul	98
38) Hexachlorocyclopentadiene	13.60	237	5320	1.03 ng/ul	96
39) 2,4,6-Trichlorophenol	13.87	196	16953	3.13 ng/ul	99
40) 2,4,5-Trichlorophenol	13.94	196	18420	3.03 ng/ul	98
41) 1,1'-Biphenyl	14.26	154	76430	2.98 ng/ul#	97
42) 2-Chloronaphthalene	14.32	162	58432	3.00 ng/ul	99
43) 2-Nitroaniline	14.50	65	15365	2.60 ng/ul#	74
45) Dimethylphthalate	14.83	163	78084	3.07 ng/ul	98
46) 2,6-Dinitrotoluene	14.97	165	14649	3.08 ng/ul	91
48) Acenaphthylene	15.14	152	100728	3.09 ng/ul	100
49) 3-Nitroaniline	15.30	138	17952	3.48 ng/ul#	89
50) Acenaphthene	15.47	153	65308	2.98 ng/ul	99
51) 2,4-Dinitrophenol	15.52	184	3098	1.88 ng/ul#	1
53) 4-Nitrophenol	15.59	109	8643	2.62 ng/ul	82
54) Dibenzofuran	15.80	168	90826	3.11 ng/ul	95
55) 2,4-Dinitrotoluene	15.75	165	22326	3.30 ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	16.02	232	12464	2.70 ng/ul#	98
57) Diethylphthalate	16.16	149	79951	2.94 ng/ul	98
59) Fluorene	16.44	166	76332	3.09 ng/ul	99
60) 4-Chlorophenyl-phenylether	16.41	204	34298	3.03 ng/ul	97
61) 4-Nitroaniline	16.44	138	19149	3.21 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	16.51	198	11021	3.76 ng/ul#	69
65) N-Nitrosodiphenylamine	16.62	169	65999	3.03 ng/ul	98
66) 4-Bromophenyl-phenylether	17.30	248	20368	2.94 ng/ul	98
67) Hexachlorobenzene	17.43	284	24006	3.04 ng/ul	92
68) Atrazine	17.53	200	23126	3.05 ng/ul	99
69) Pentachlorophenol	17.77	266	4682	1.21 ng/ul	97
70) Phenanthrene	18.16	178	120080	3.14 ng/ul	98
72) Anthracene	18.26	178	123635	3.13 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.24	216	24740	2.74 ng/uL	99
74) Pentachlorobenzene	15.72	250	25547	2.92 ng/uL	98
75) Carbazole	18.51	167	115151	3.22 ng/ul	99
76) Di-n-butylphthalate	19.00	149	143420	2.99 ng/ul	99
77) Fluoranthene	20.12	202	136461	3.37 ng/ul	97
80) Pyrene	20.47	202	143949	3.19 ng/ul	94
81) Butylbenzylphthalate	21.27	149	66583	2.98 ng/ul	92
82) 3,3'-Dichlorobenzidine	22.09	252	51776	3.86 ng/ul	99
83) Benzo(a)anthracene	22.19	228	137659	3.23 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.03	149	98245	3.04 ng/ul	99
85) Chrysene	22.24	228	129794	3.21 ng/ul	98
87) Di-n-octyl phthalate	23.02	149	169273	3.11 ng/ul	100
88) Benzo(b)fluoranthene	24.04	252	142542	3.21 ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	127385	2.99 ng/ul	100
91) Benzo(a)pyrene	24.74	252	138418	3.26 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.66	276	154263	3.17 ng/ul	98
93) Dibenzo(a,h)anthracene	27.67	278	130511	3.17 ng/ul	98
94) Benzo(g,h,i)perylene	28.53	276	128914	3.14 ng/ul	97

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

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Data File : BM002493.D
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Operator : UM/IZ
Sample : MDL-02-W
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 02:27:18 2015
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Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Manual Integrations APPROVED
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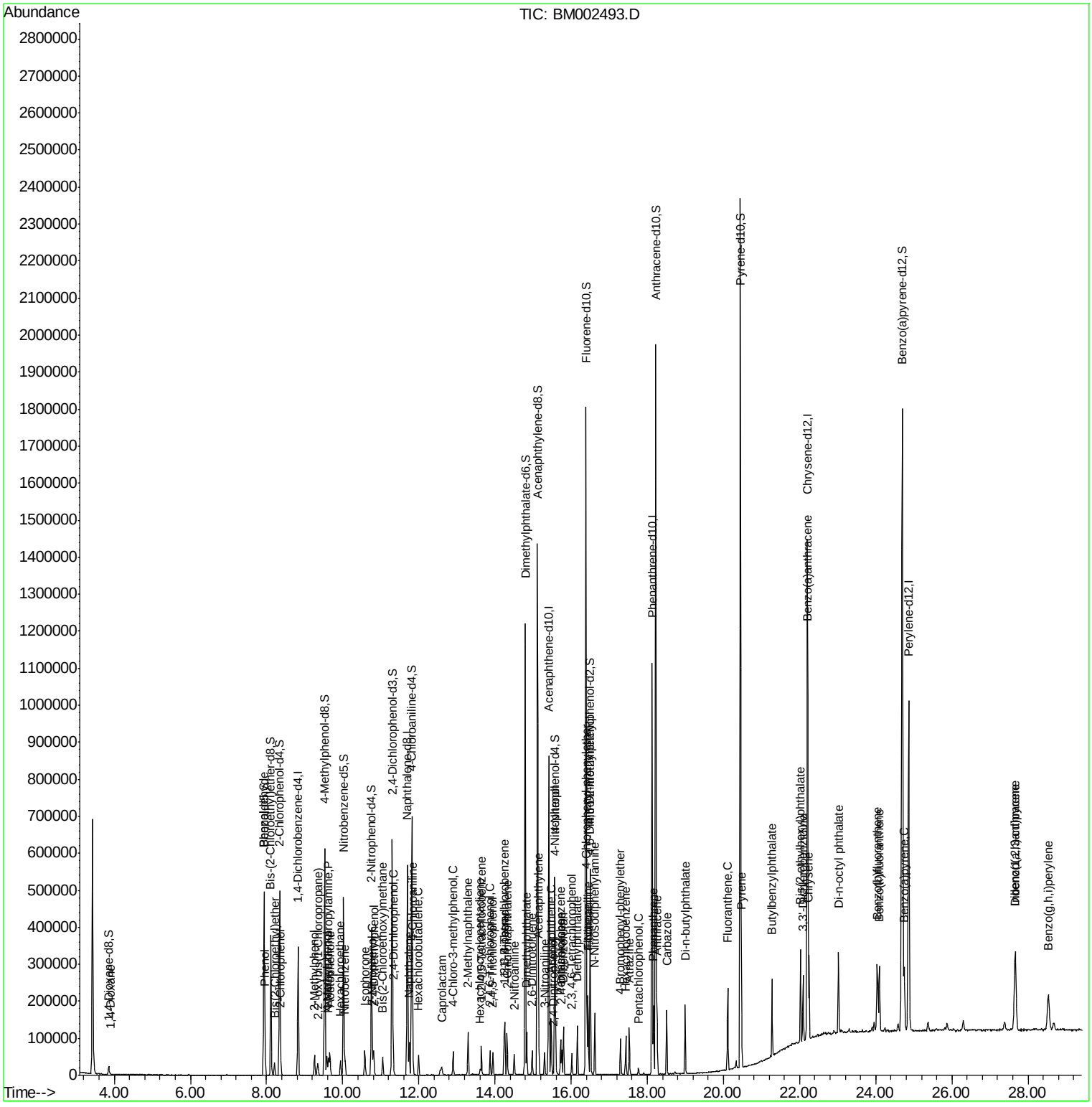
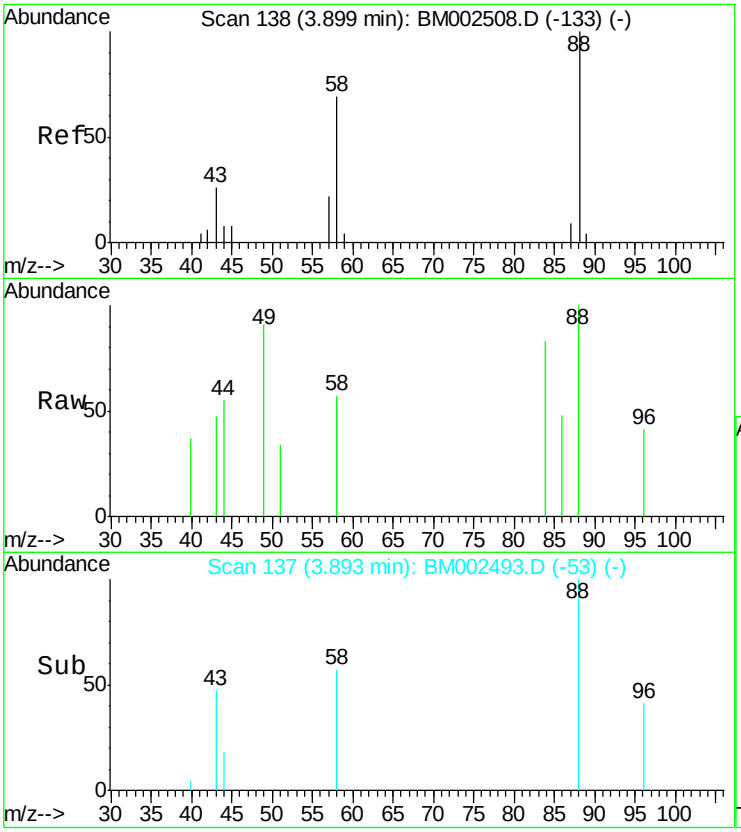
8/20/2015 3:35:39 PM

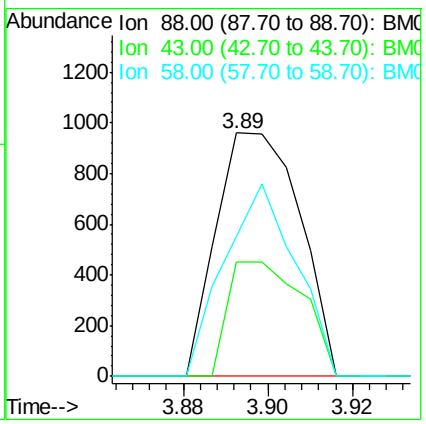




#2
1,4-Dioxane
Concen: 0.50 ng/uL
RT: 3.89 min Scan# 137
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion: 88 Resp: 1323

Ion	Ratio	Lower	Upper
88	100		
43	41.9	2.3	3.5#
58	67.3	0.6	1.0#



Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Manual Integrations APPROVED
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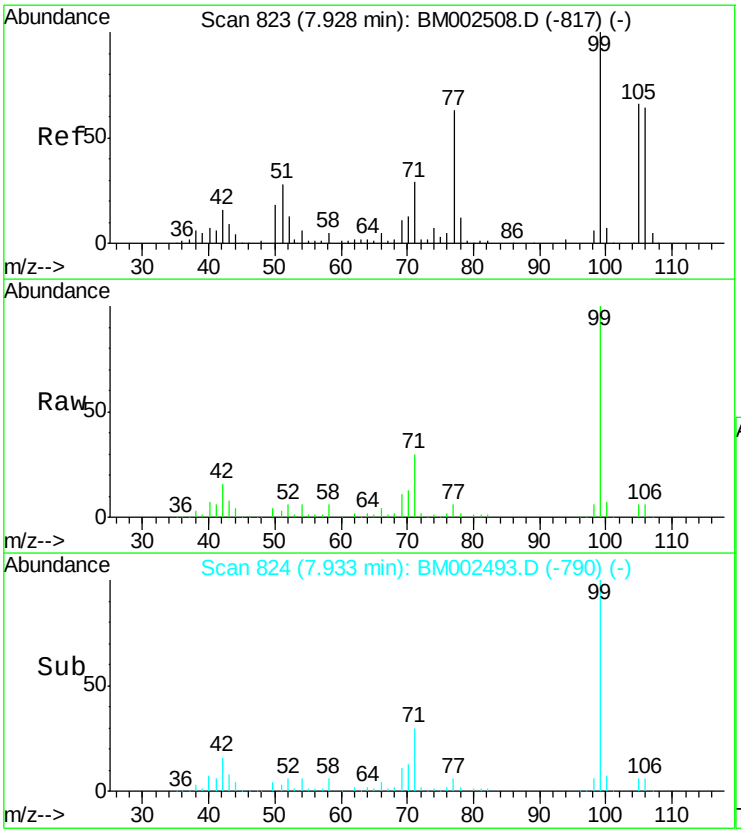
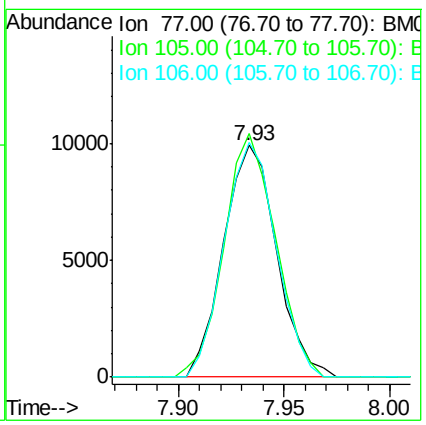
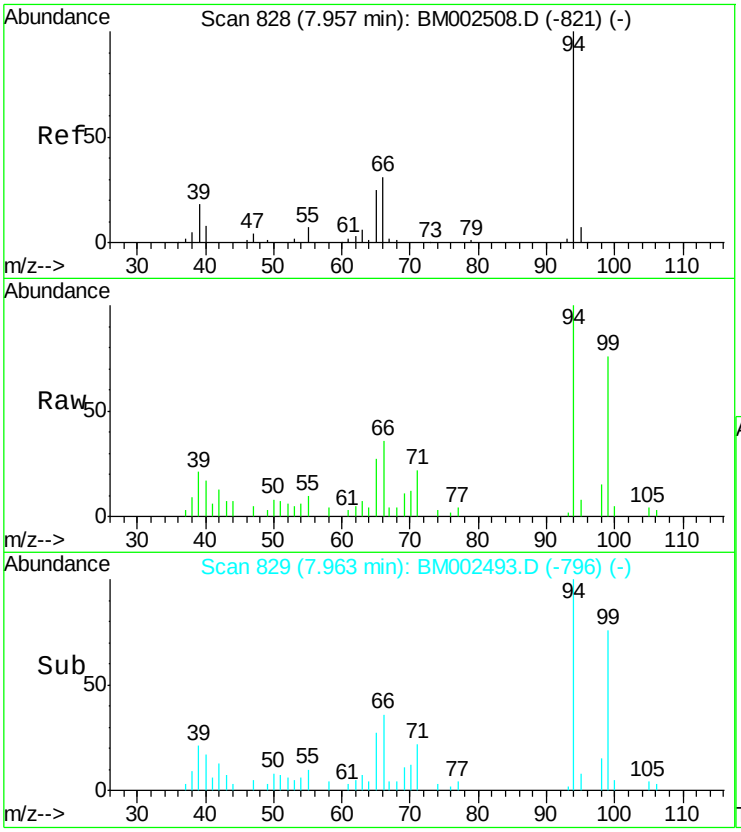


#4
Benzaldehyde
Concen: 3.01 ng/ul
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion: 77 Resp: 17319

Ion	Ratio	Lower	Upper
77	100		
105	105.1	80.0	120.0
106	101.4	76.7	115.1

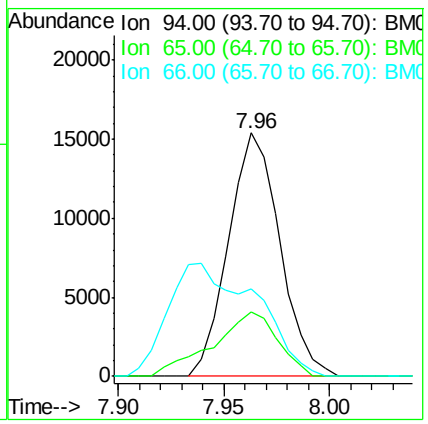




#6
Phenol
Concen: 2.60 ng/ul
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion: 94 Resp: 25970

Ion	Ratio	Lower	Upper
94	100		
65	26.5	23.7	35.5
66	35.8	31.3	46.9



Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Manual Integrations APPROVED
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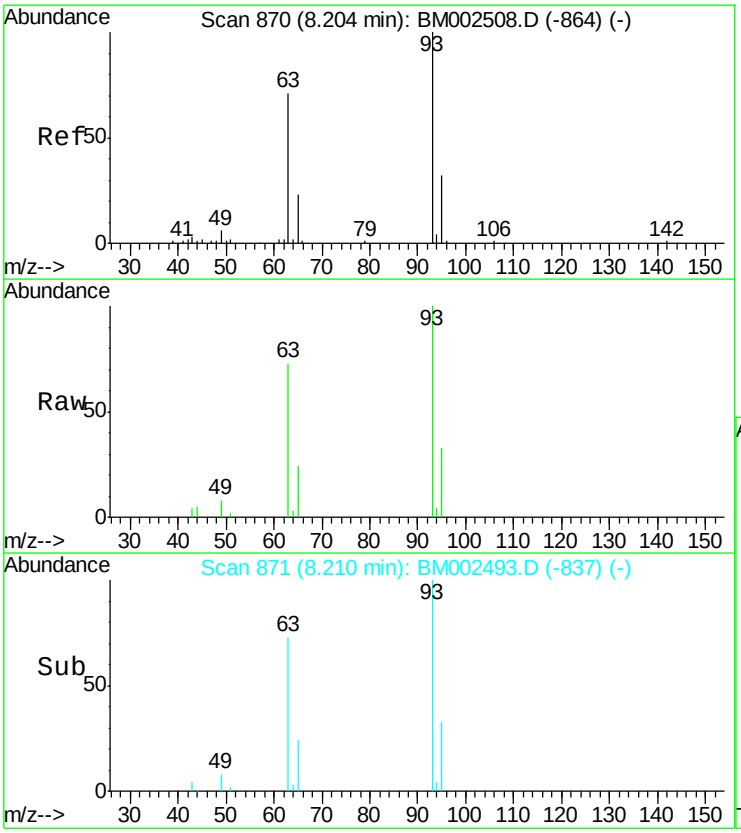
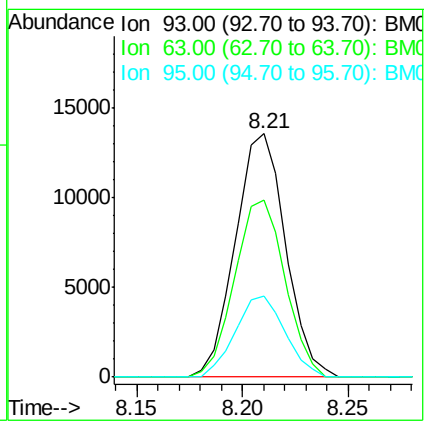
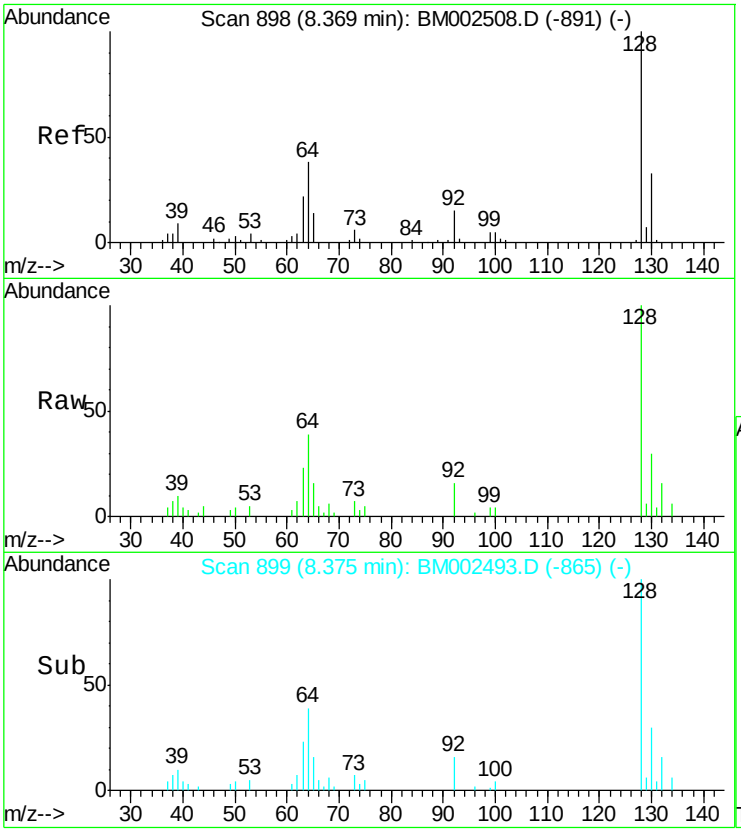


#8
Bis(2-Chloroethyl)ether
Concen: 2.91 ng/ul
RT: 8.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion: 93 Resp: 22403

Ion	Ratio	Lower	Upper
93	100		
63	72.9	64.6	97.0
95	33.1	26.6	40.0

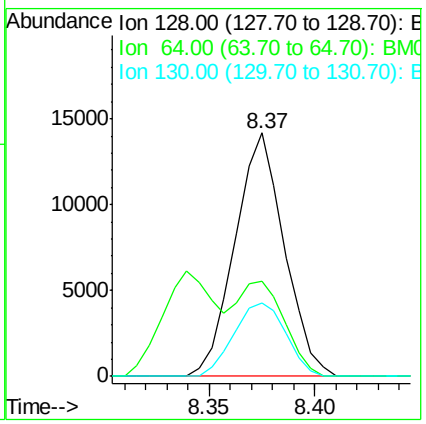




#10
2-Chlorophenol
Concen: 2.80 ng/ul
RT: 8.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:128 Resp: 23042

Ion	Ratio	Lower	Upper
128	100		
64	38.9	38.7	58.1
130	29.9	26.6	40.0



Instrument :
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ClientSampleId :
MDL-02-W

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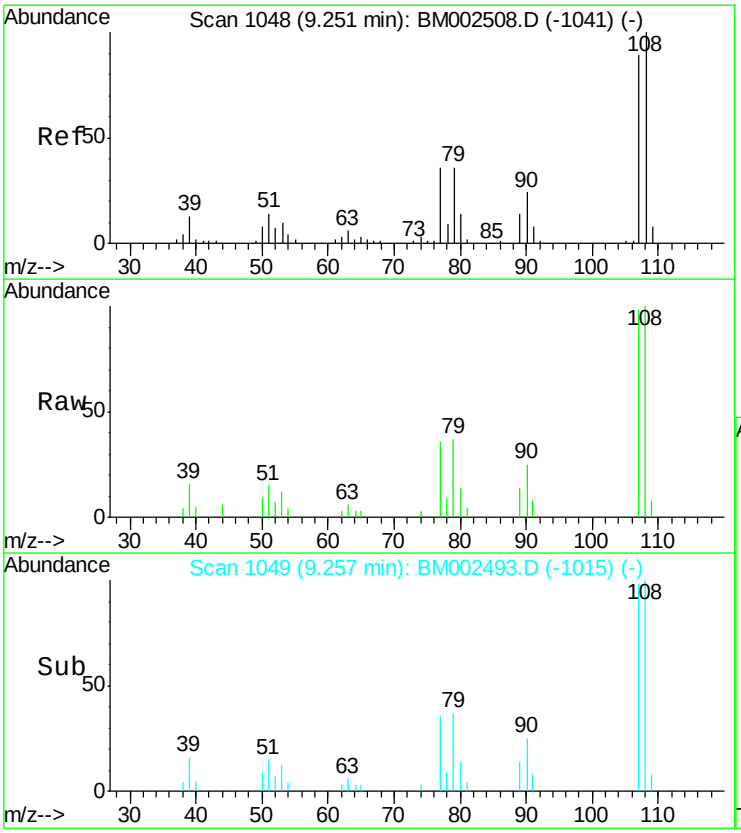
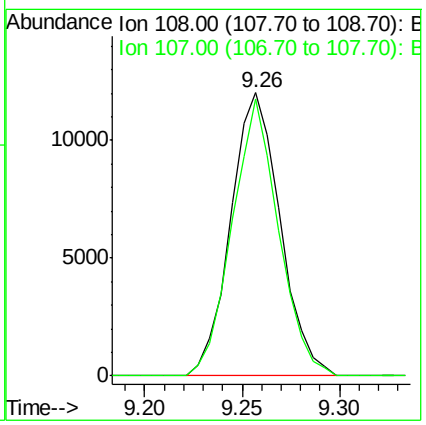
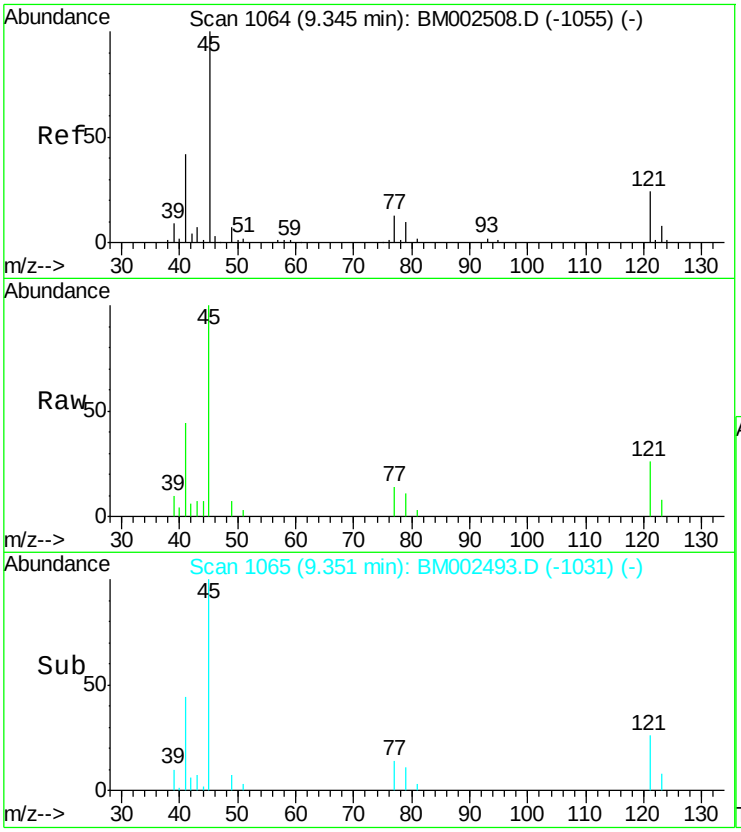


#11
2-Methylphenol
Concen: 2.66 ng/ul
RT: 9.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:108 Resp: 21056

Ion	Ratio	Lower	Upper
108	100		
107	98.0	72.0	108.0





#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.18 ng/ul
RT: 9.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion: 45 Resp: 29846

Ion	Ratio	Lower	Upper
45	100		
77	14.1	9.4	14.2
79	11.0	7.5	11.3

Instrument :
BNA_M
ClientSampleId :
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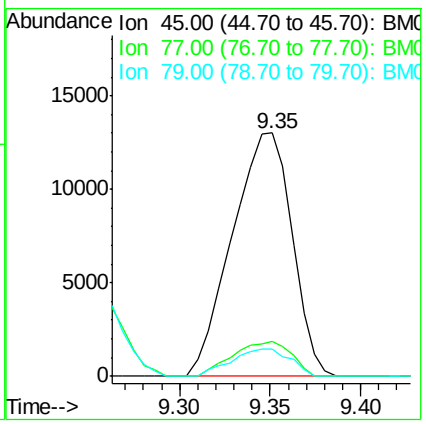
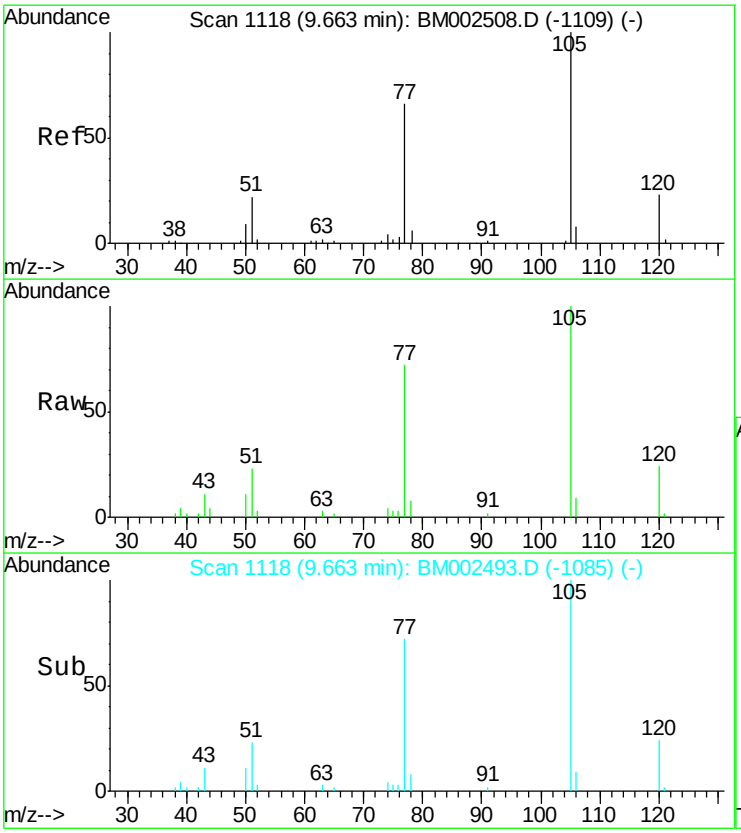
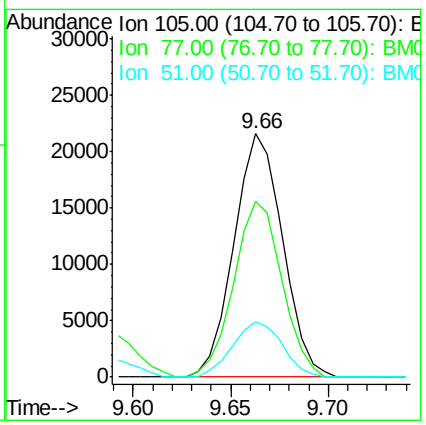


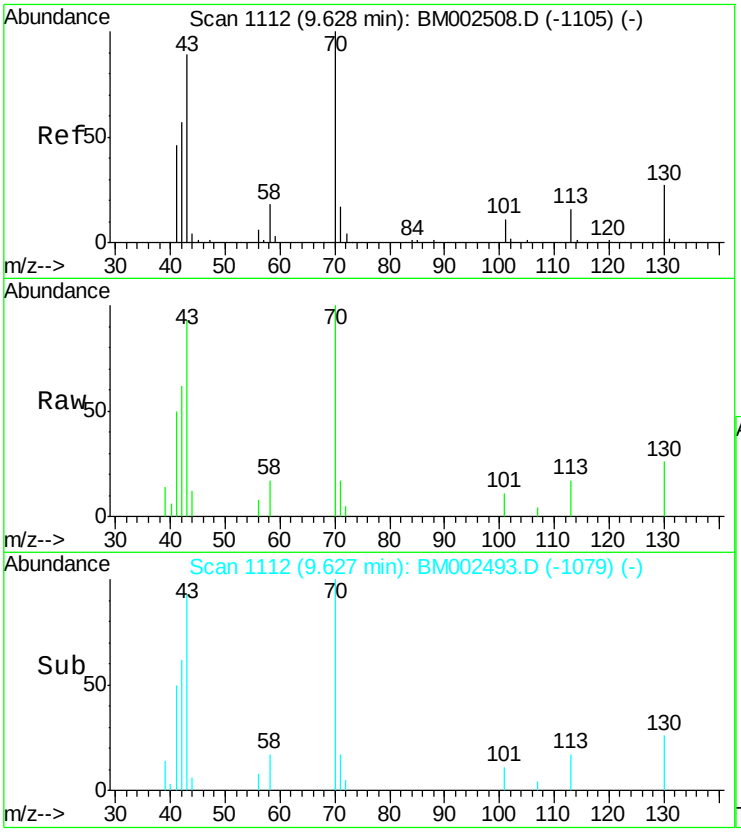


#14
Acetophenone
Concen: 3.00 ng/ul
RT: 9.66 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:105 Resp: 37334

Ion	Ratio	Lower	Upper
105	100		
77	72.1	59.4	89.0
51	22.8	23.4	35.0#

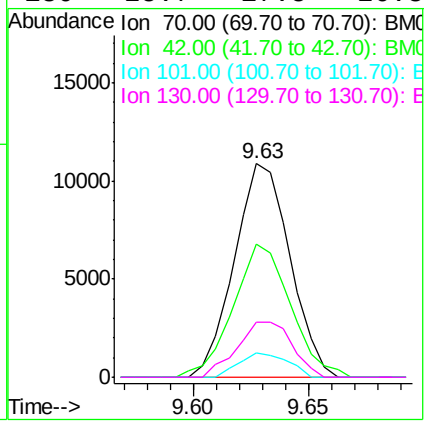




#15
N-Nitroso-di-n-propylamine
Concen: 2.73 ng/ul
RT: 9.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion: 70 Resp: 18243

Ion	Ratio	Lower	Upper
70	100		
42	62.4	53.4	80.0
101	11.1	7.7	11.5
130	25.7	17.5	26.3



Instrument :
BNA_M
ClientSampleId :
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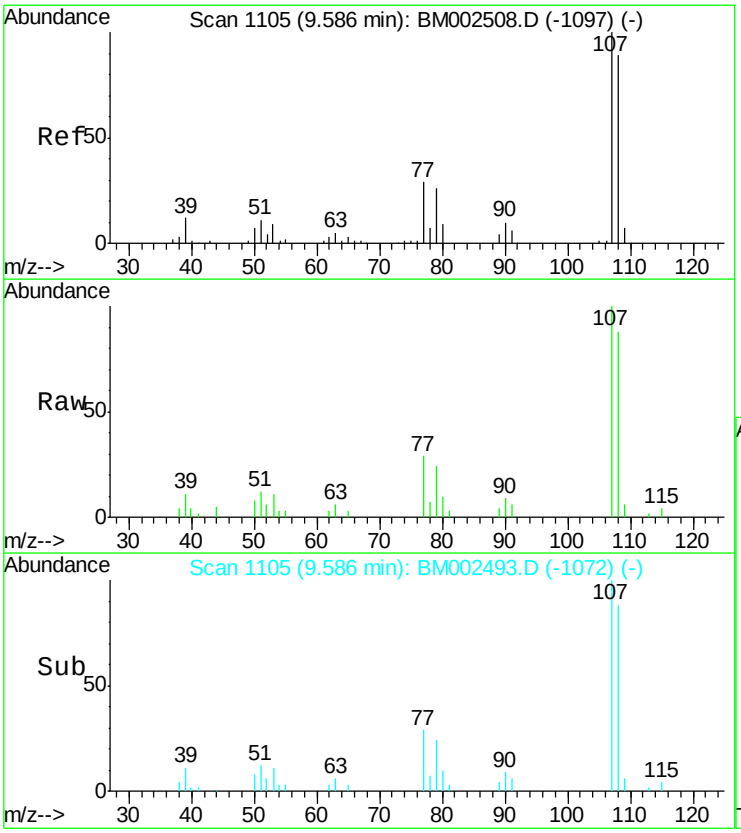
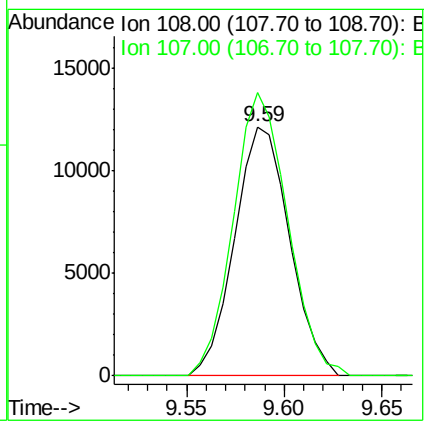
MMDadoda
8/20/2015 3:35:39 PM

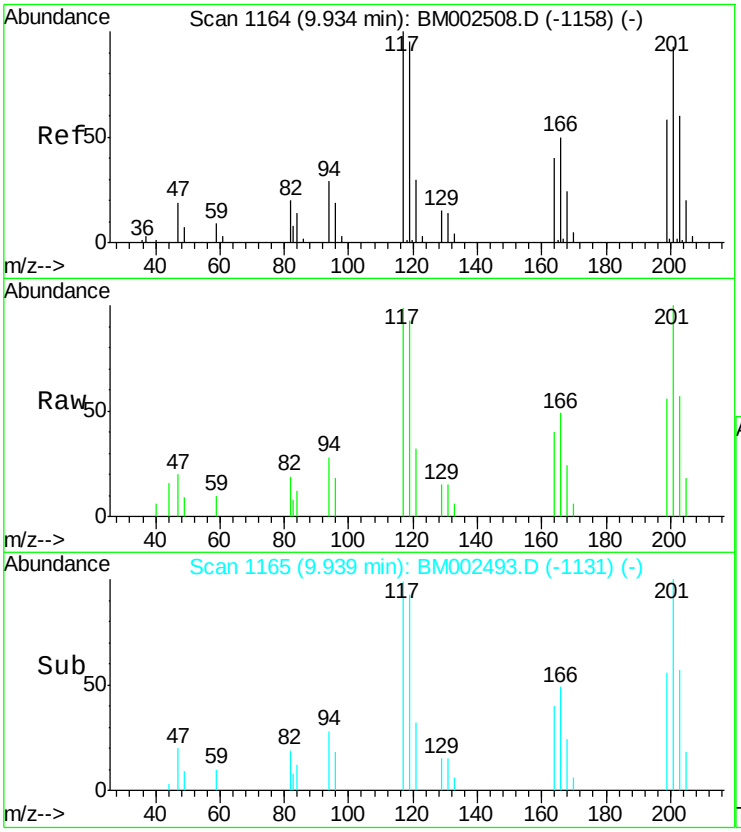


#16
4-Methylphenol
Concen: 2.74 ng/ul
RT: 9.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:108 Resp: 23729

Ion	Ratio	Lower	Upper
108	100		
107	113.6	90.9	136.3

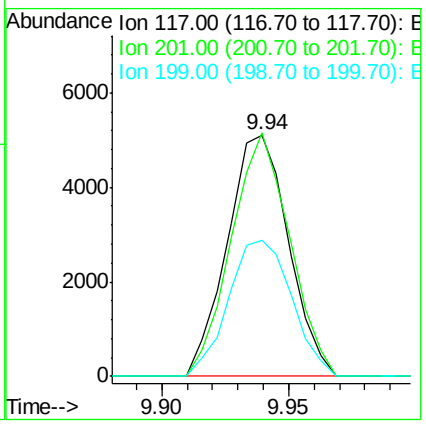




#17
Hexachloroethane
Concen: 2.64 ng/ul
RT: 9.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:117 Resp: 8583

Ion	Ratio	Lower	Upper
117	100		
201	100.7	71.5	107.3
199	56.5	44.9	67.3



Instrument :
BNA_M
ClientSampleId :
MDL-02-W

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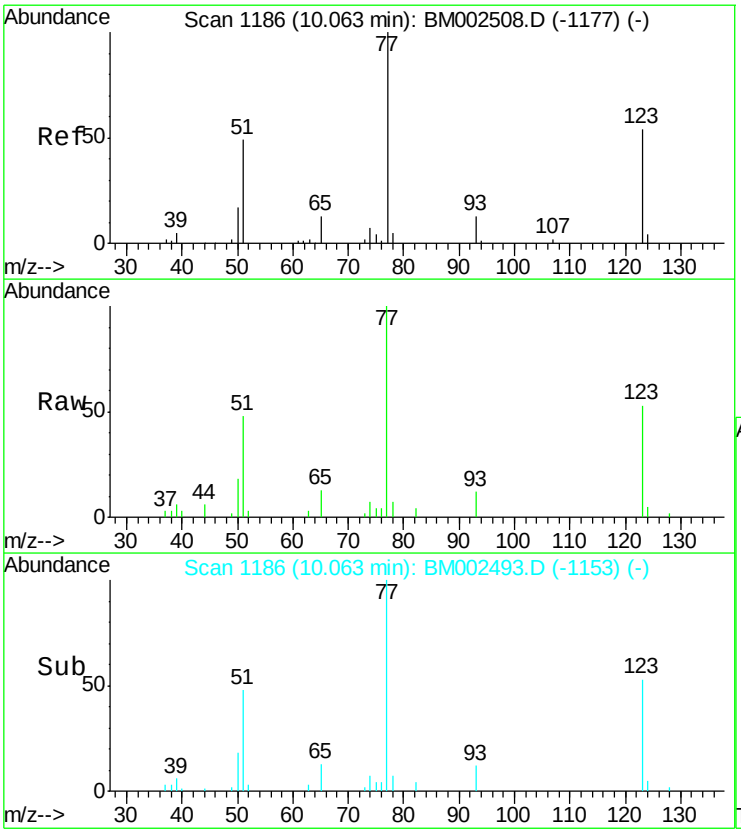
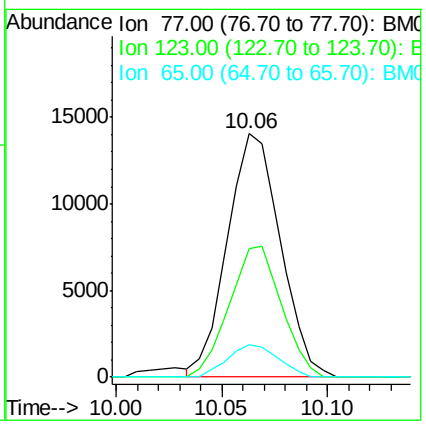
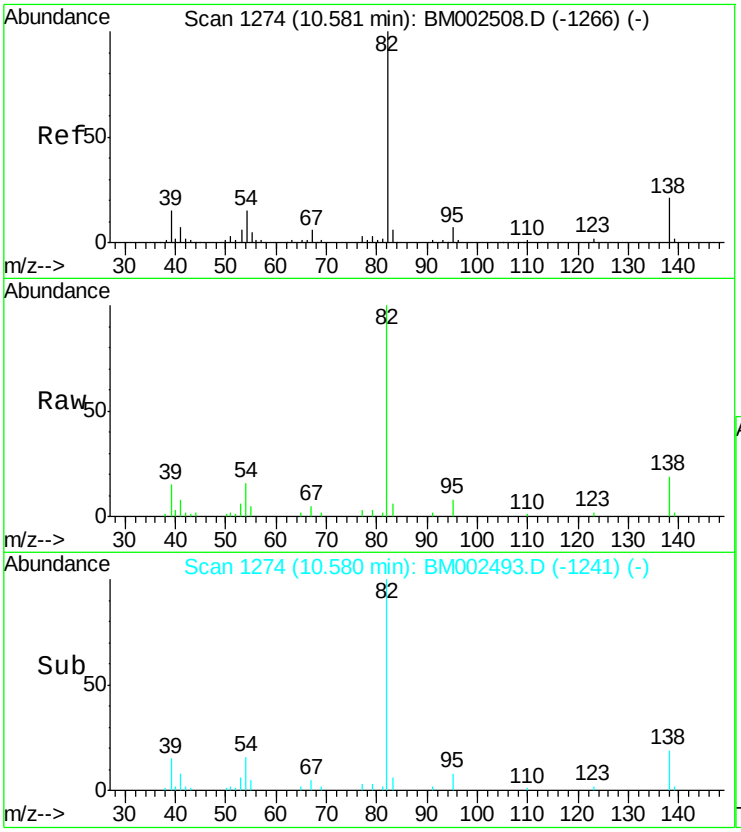


#20
Nitrobenzene
Concen: 2.67 ng/ul
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion: 77 Resp: 24497

Ion	Ratio	Lower	Upper
77	100		
123	52.8	37.0	55.6
65	13.3	11.0	16.6





#21
Isophorone
Concen: 2.81 ng/ul
RT: 10.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion: 82 Resp: 51320

Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.9	8.9
138	19.1	15.0	22.4

Instrument :
BNA_M
ClientSampleId :
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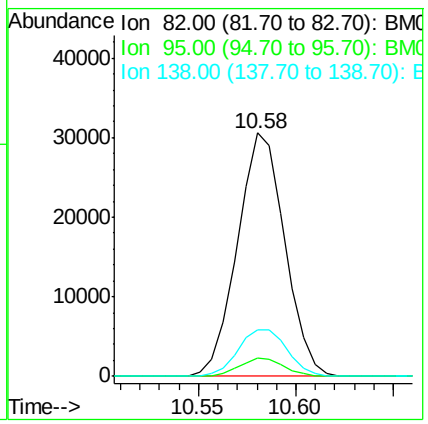
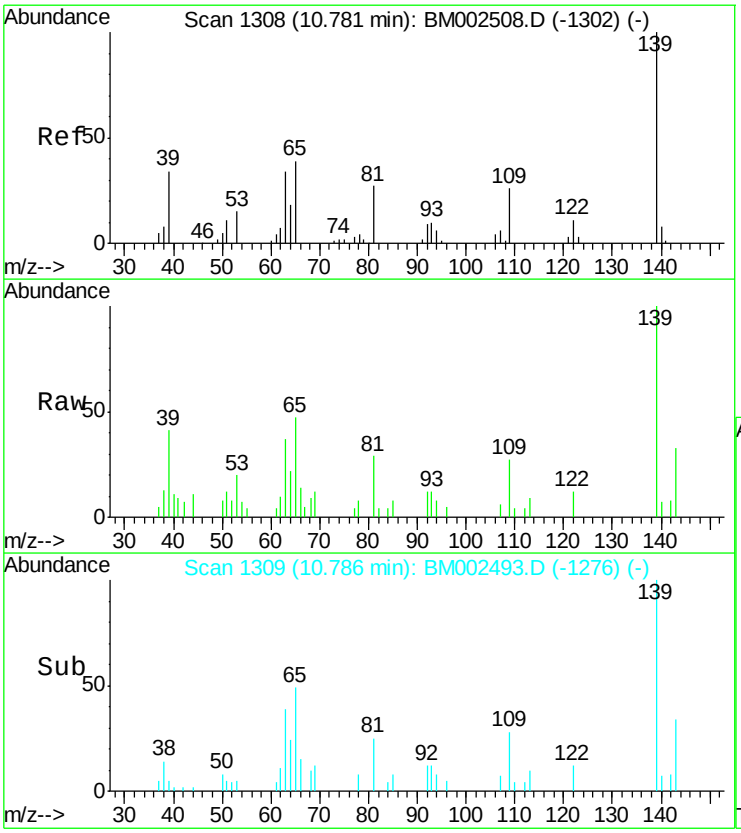
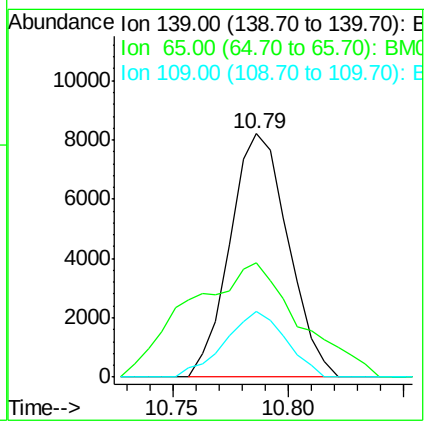


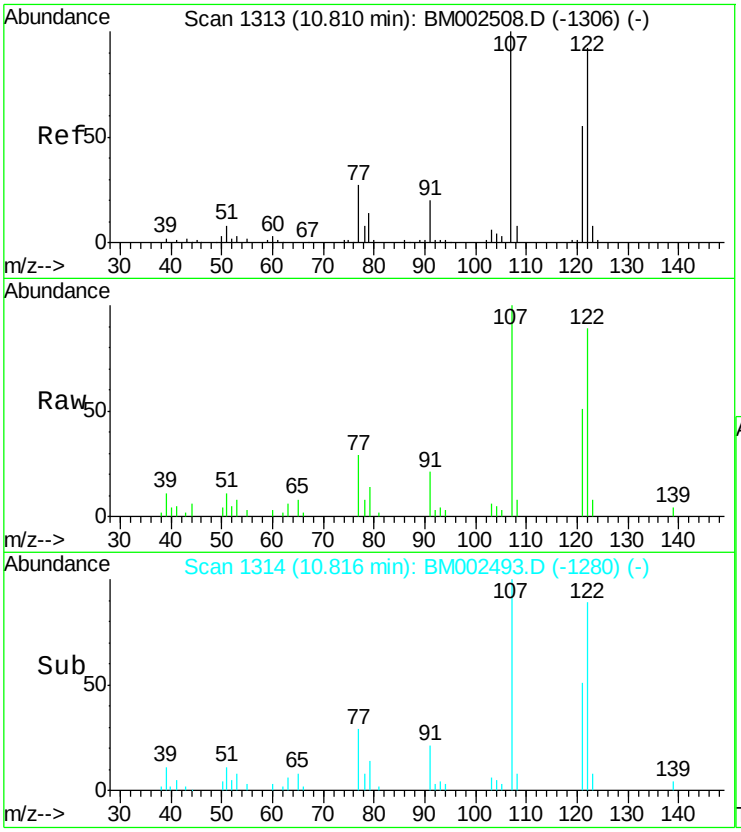


#23
2-Nitrophenol
Concen: 3.63 ng/ul
RT: 10.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:139 Resp: 14404

Ion	Ratio	Lower	Upper
139	100		
65	46.8	43.0	64.6
109	26.9	23.8	35.8

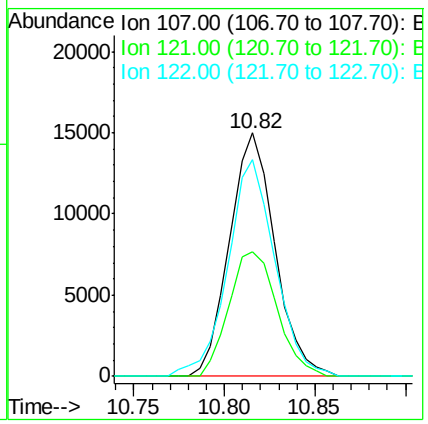




#24
2,4-Dimethylphenol
Concen: 2.69 ng/ul
RT: 10.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:107 Resp: 26190

Ion	Ratio	Lower	Upper
107	100		
121	51.4	41.8	62.6
122	88.9	71.2	106.8



Instrument :
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ClientSampleId :
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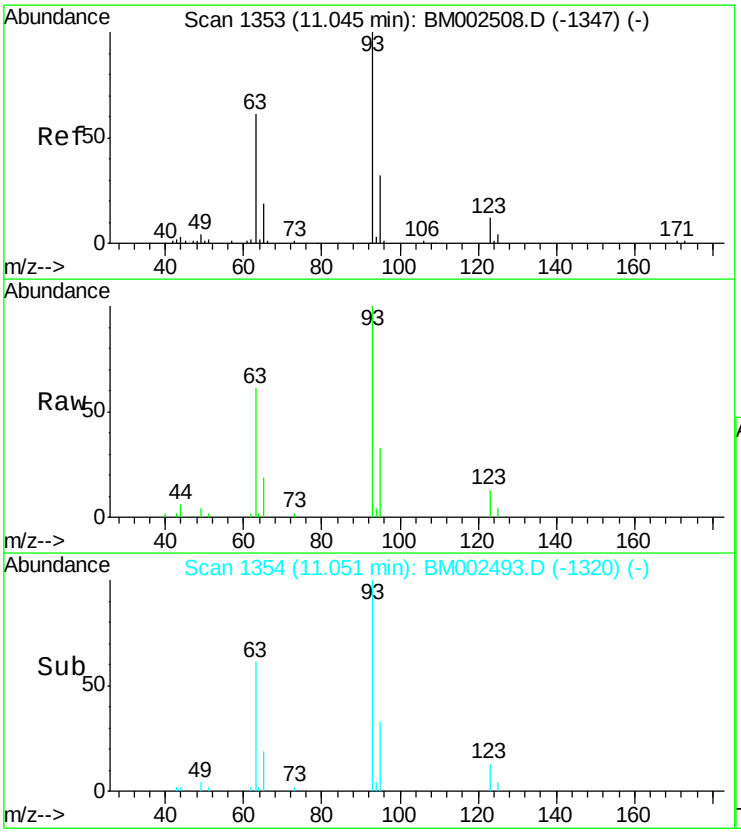
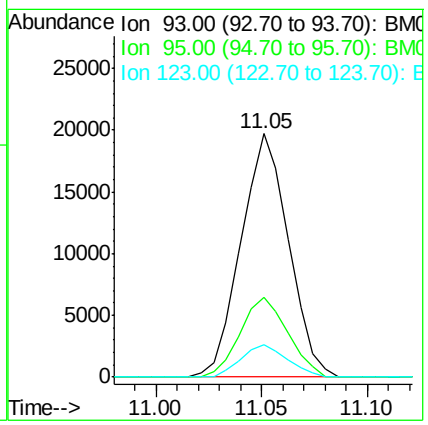
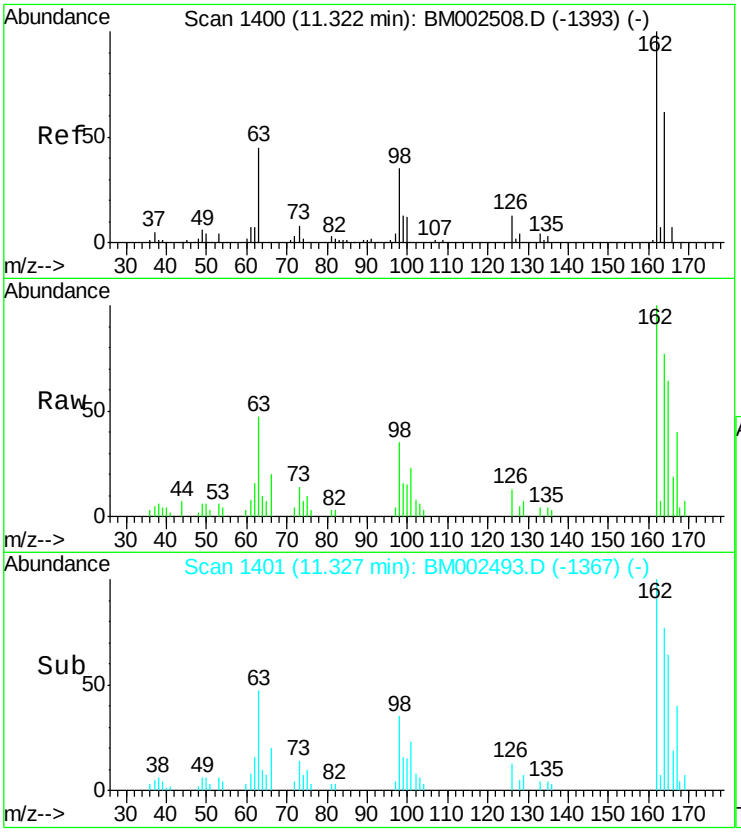


#25
Bis(2-Chloroethoxy)methane
Concen: 2.73 ng/ul
RT: 11.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion: 93 Resp: 30840

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.8
123	13.2	9.3	13.9

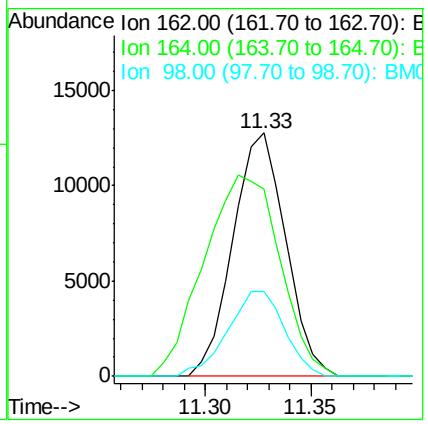




#27
2,4-Dichlorophenol
Concen: 3.01 ng/ul
RT: 11.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:162 Resp: 22188

Ion	Ratio	Lower	Upper
162	100		
164	77.0	52.9	79.3
98	34.8	31.4	47.0



Instrument :
BNA_M
ClientSampleId :
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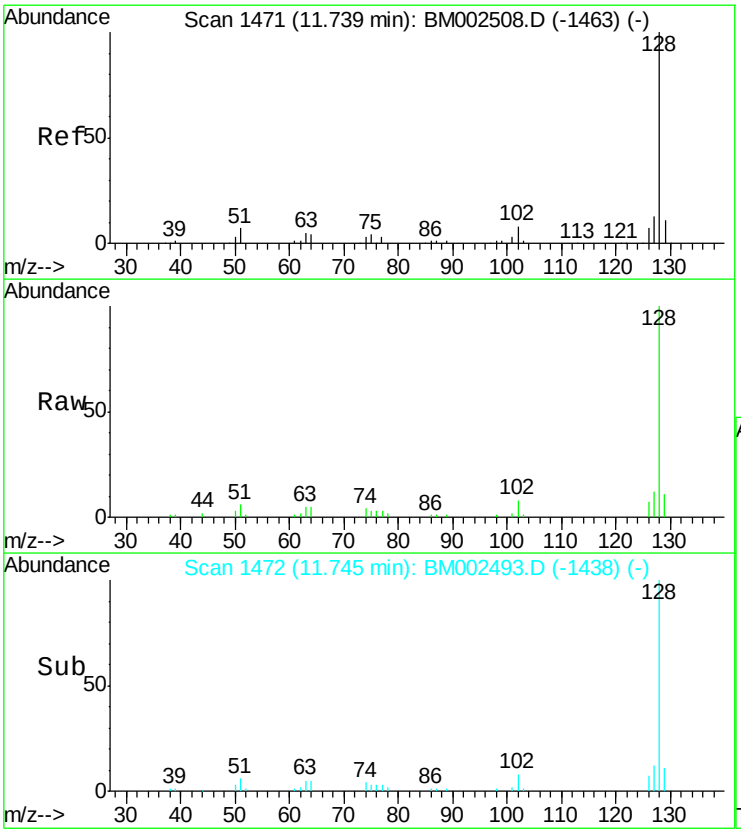
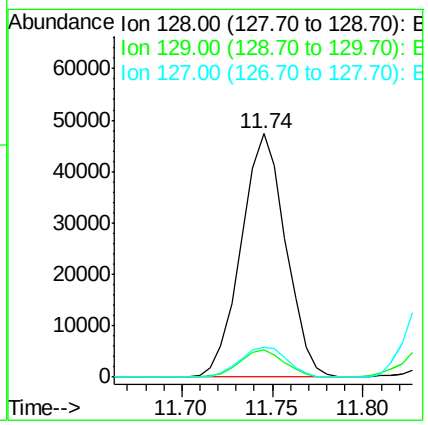
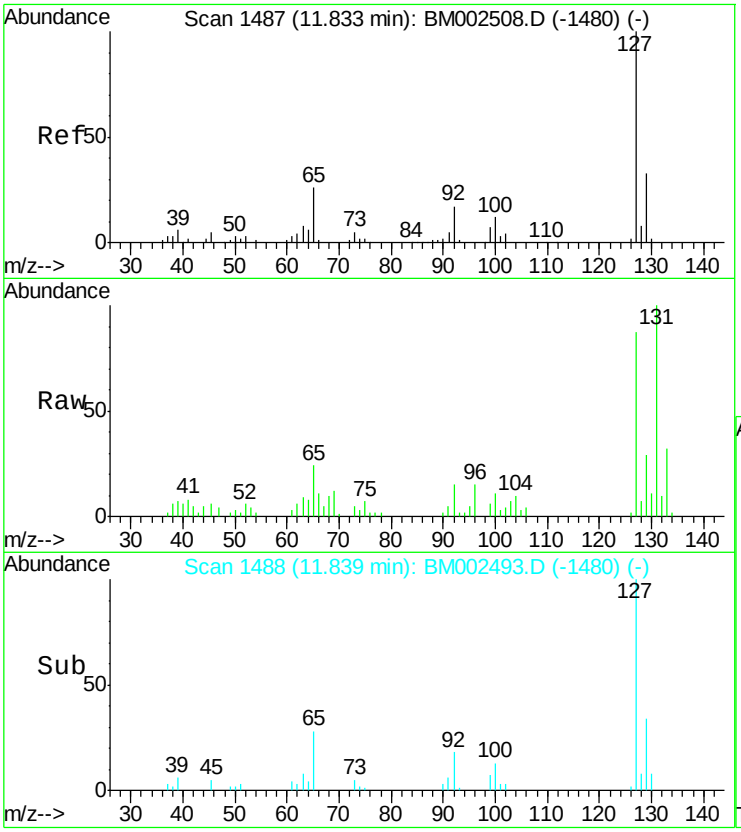


#28
Naphthalene
Concen: 2.92 ng/ul
RT: 11.74 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:128 Resp: 81006

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	12.5	10.4	15.6

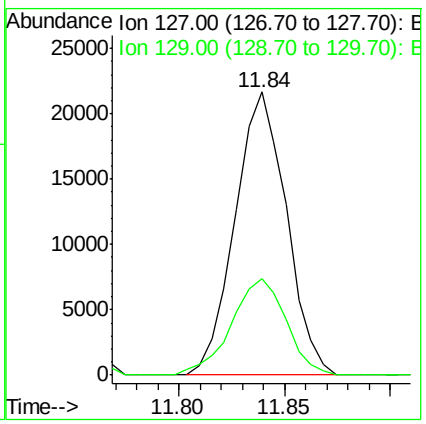




#30
4-Chloroaniline
Concen: 3.62 ng/ul
RT: 11.84 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:127 Resp: 36549

Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.6	39.8



Instrument :
BNA_M
ClientSampleId :
MDL-02-W

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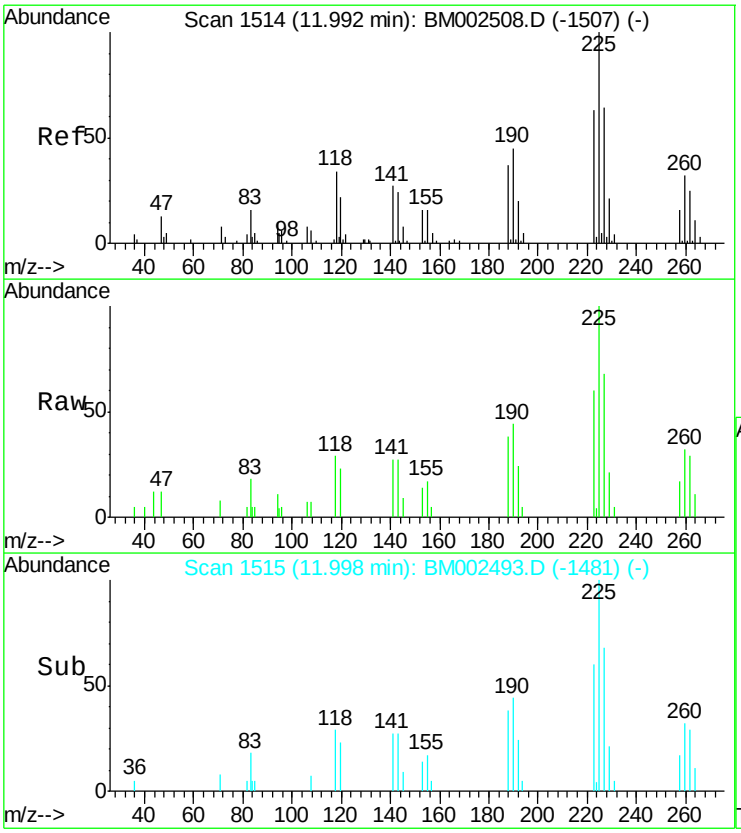
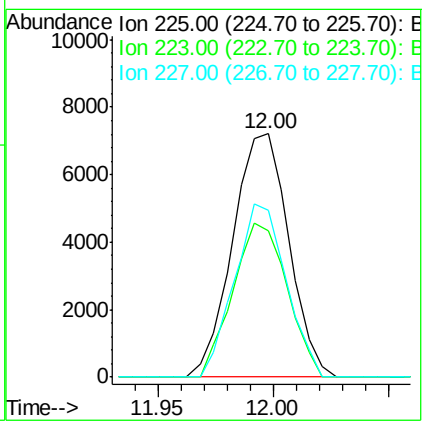
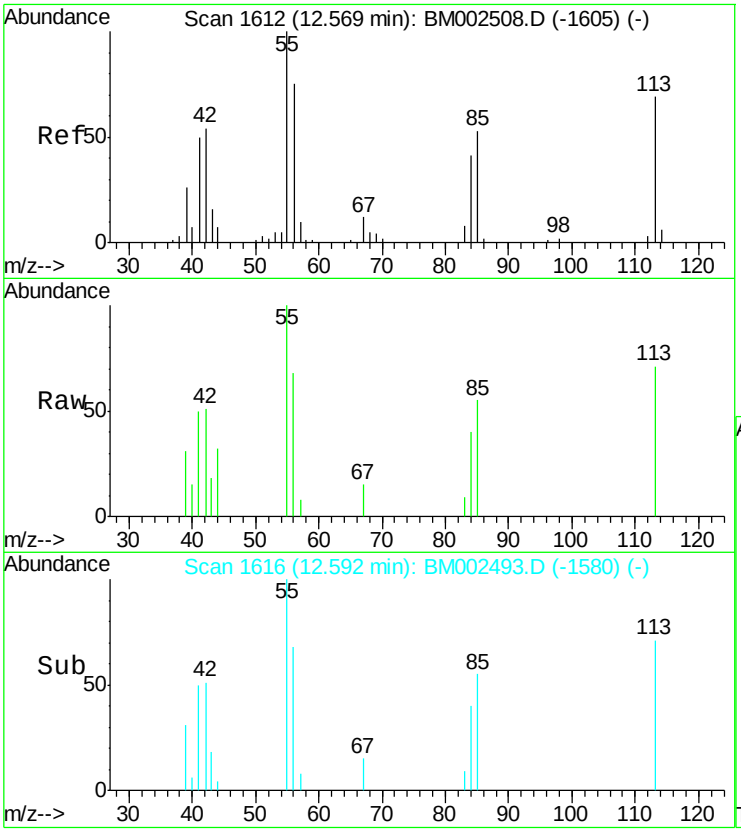


#31
Hexachlorobutadiene
Concen: 2.87 ng/ul
RT: 12.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:225 Resp: 12214

Ion	Ratio	Lower	Upper
225	100		
223	59.9	51.0	76.4
227	68.4	52.1	78.1

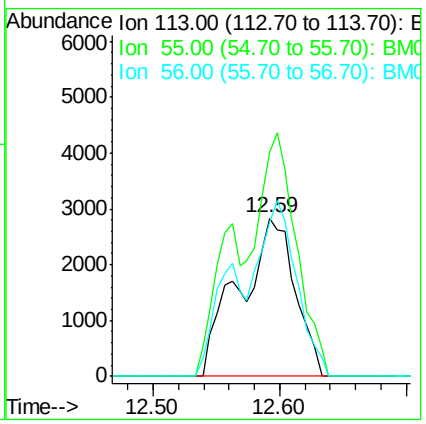




#32
Caprolactam
Concen: 2.84 ng/ul m
RT: 12.59 min Scan# 1616
Delta R.T. 0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:113 Resp: 8638

Ion	Ratio	Lower	Upper
113	100		
55	141.7	152.5	228.7#
56	97.1	111.4	167.0#



Instrument :
BNA_M
ClientSampleId :
MDL-02-W

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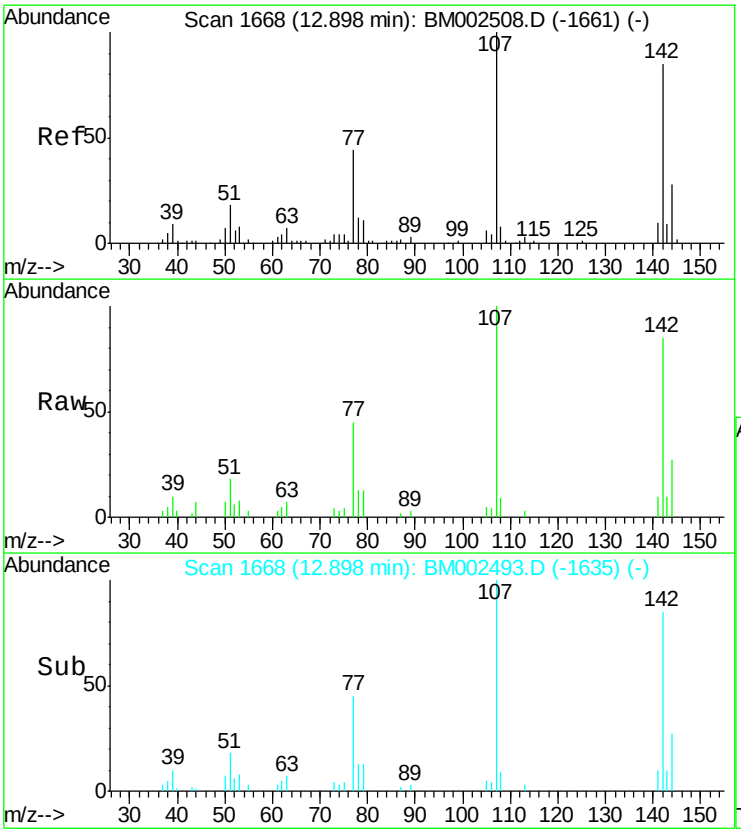
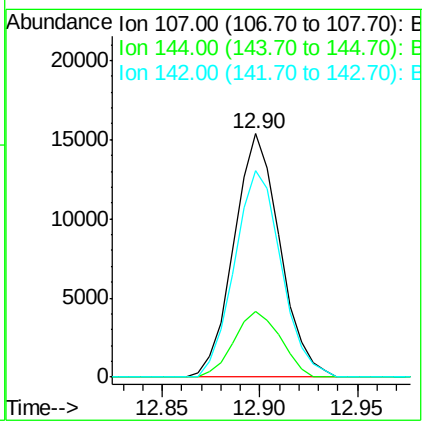
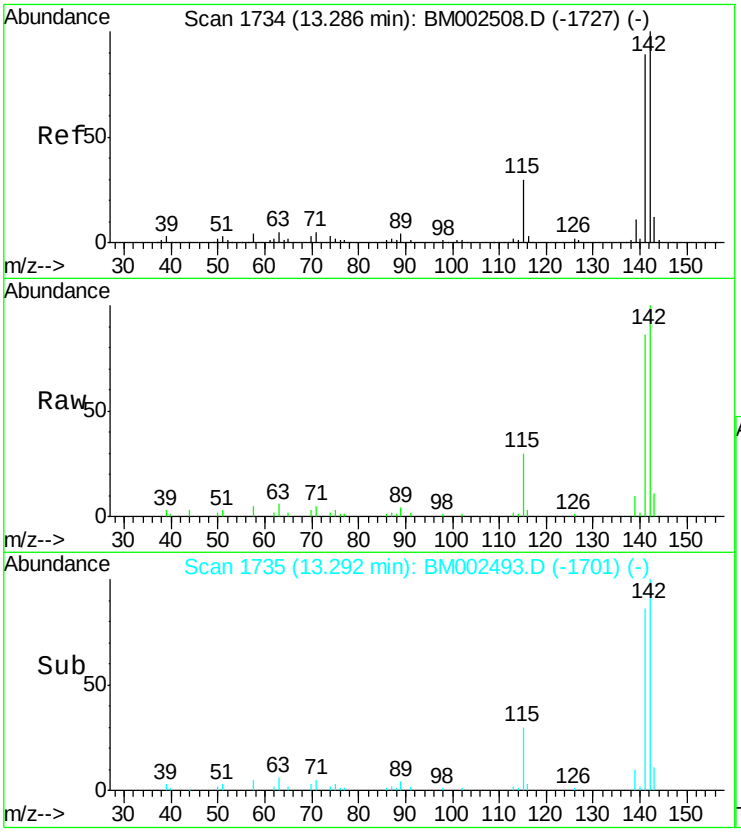


#33
4-Chloro-3-methylphenol
Concen: 2.73 ng/ul
RT: 12.90 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:107 Resp: 25199

Ion	Ratio	Lower	Upper
107	100		
144	27.2	20.3	30.5
142	84.8	63.1	94.7





#34
2-Methylnaphthalene
Concen: 3.05 ng/ul
RT: 13.29 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:142 Resp: 60397

Ion	Ratio	Lower	Upper
142	100		
141	86.4	72.5	108.7

Instrument :
BNA_M
ClientSampleId :
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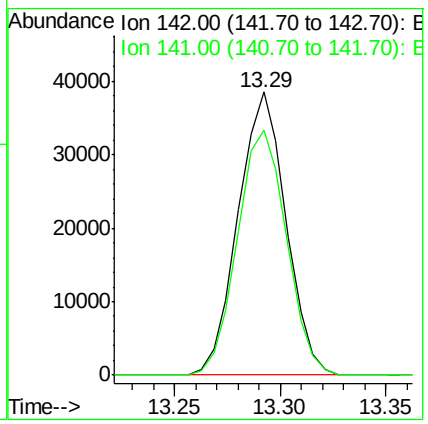
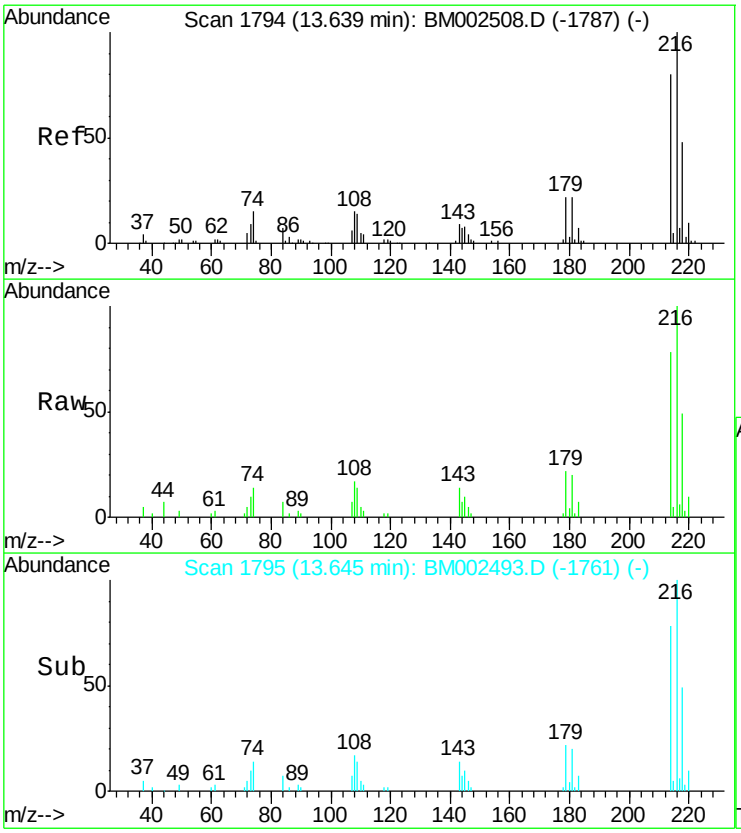
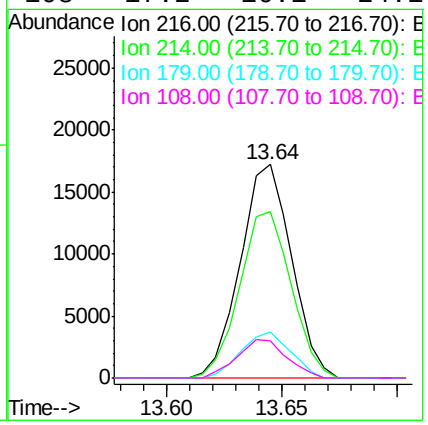


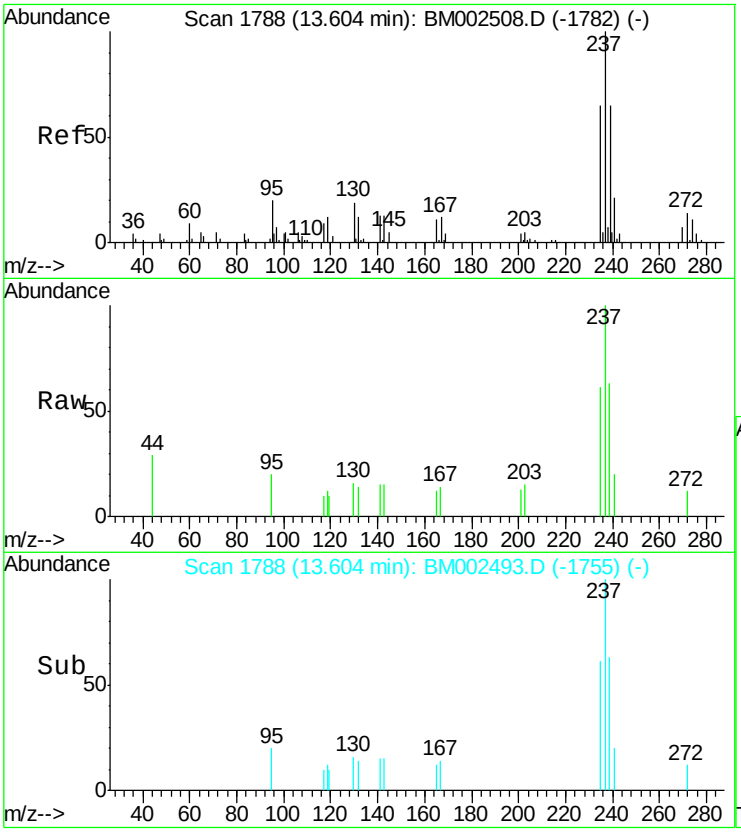


#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.06 ng/ul
RT: 13.64 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:216 Resp: 26623

Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.1	94.7
179	21.7	18.9	28.3
108	17.2	16.1	24.1





#38
Hexachlorocyclopentadiene
Concen: 1.03 ng/ul
RT: 13.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:237 Resp: 5320

Ion	Ratio	Lower	Upper
237	100		
235	60.8	51.0	76.6
272	12.5	10.8	16.2

Instrument :
BNA_M
ClientSampleId :
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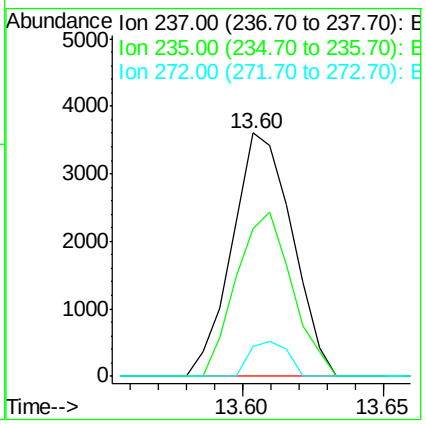
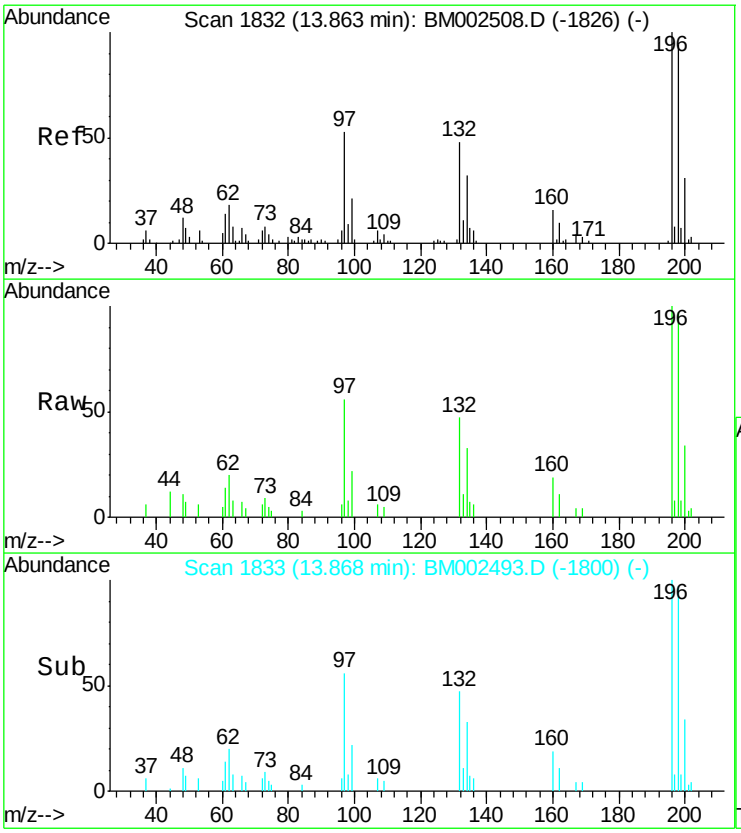
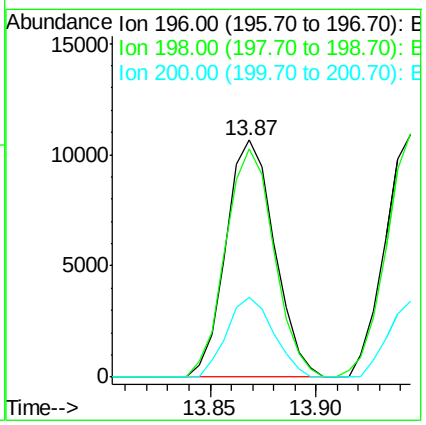


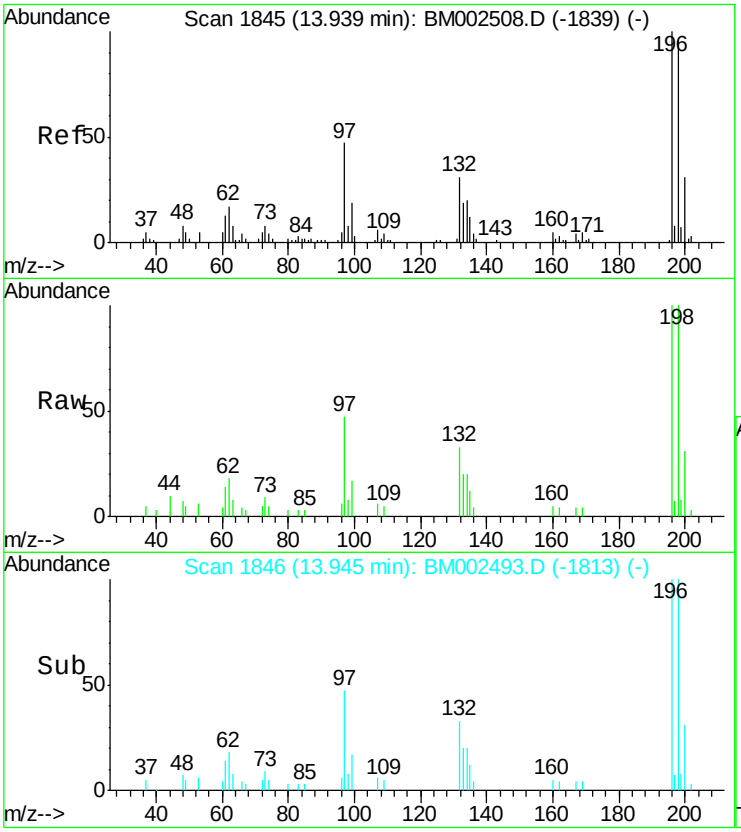


#39
2,4,6-Trichlorophenol
Concen: 3.13 ng/ul
RT: 13.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:196 Resp: 16953

Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.1	115.7
200	34.0	24.8	37.2

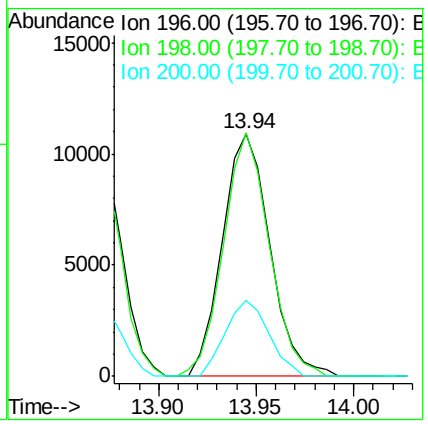




#40
2,4,5-Trichlorophenol
Concen: 3.03 ng/ul
RT: 13.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:196 Resp: 18420

Ion	Ratio	Lower	Upper
196	100		
198	100.4	78.6	117.8
200	31.5	25.0	37.4



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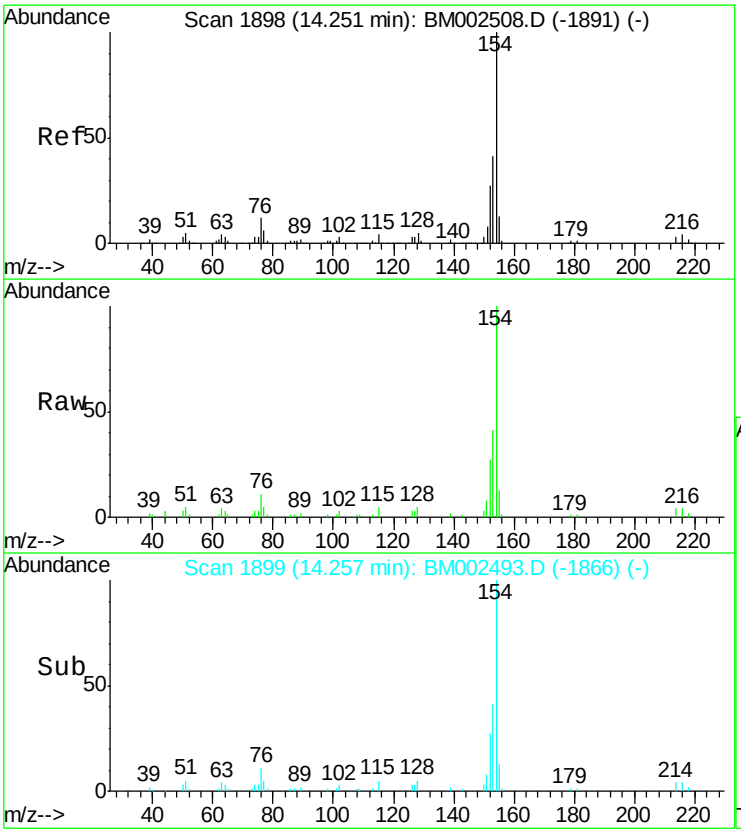
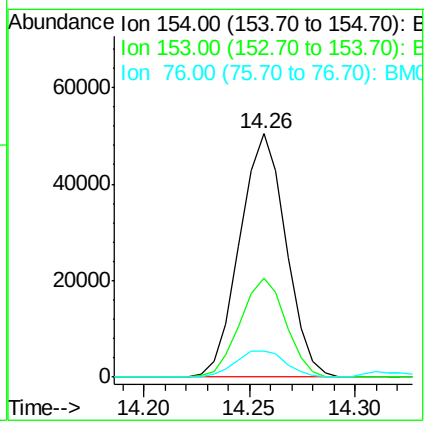
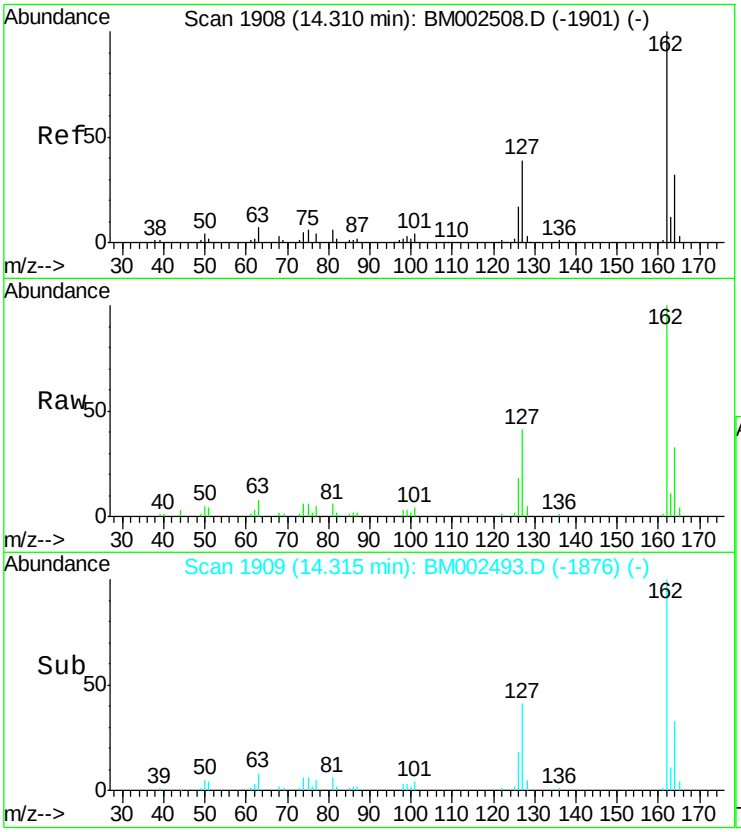


#41
1,1'-Biphenyl
Concen: 2.98 ng/ul
RT: 14.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:154 Resp: 76430

Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.1	48.1
76	10.7	11.0	16.4#

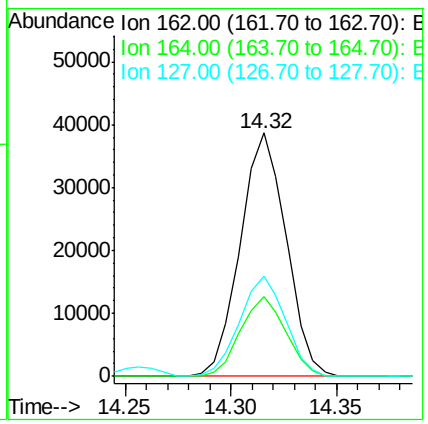




#42
2-Chloronaphthalene
Concen: 3.00 ng/ul
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:162 Resp: 58432

Ion	Ratio	Lower	Upper
162	100		
164	32.7	26.7	40.1
127	40.9	33.6	50.4



Instrument :
BNA_M
ClientSampleId :
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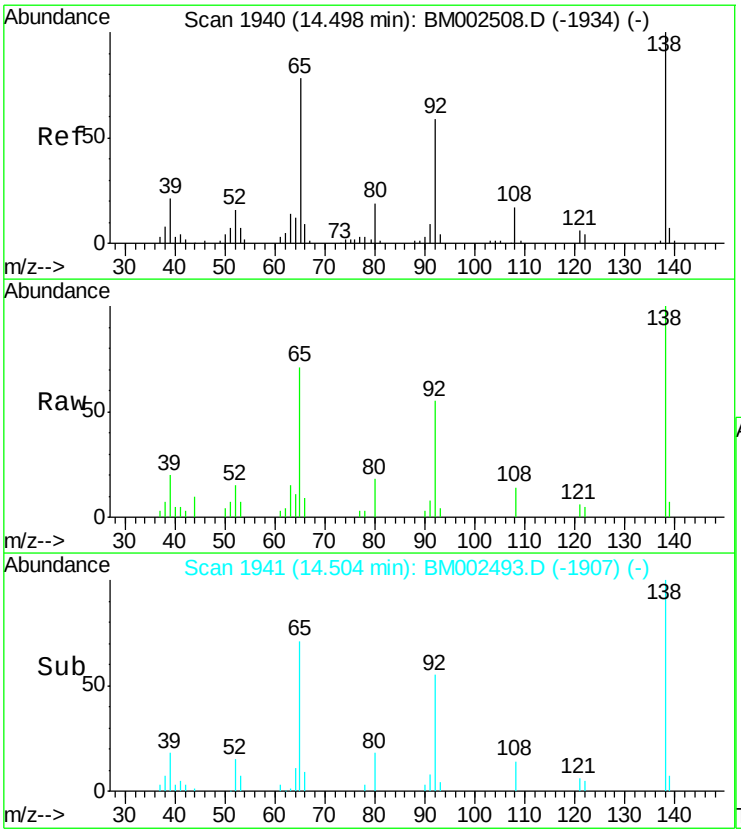
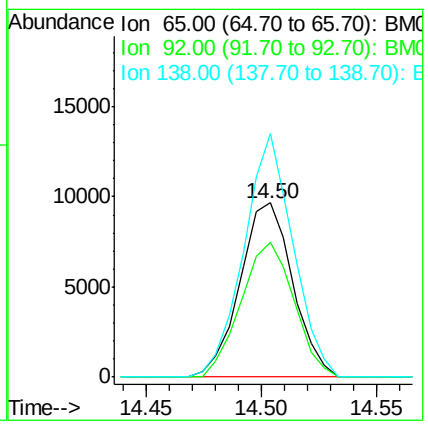
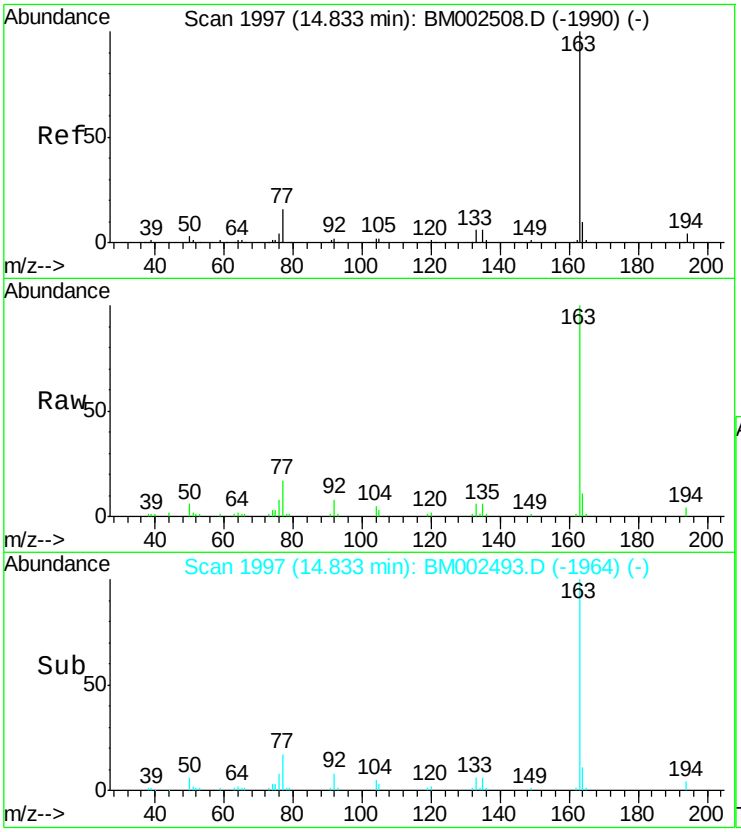


#43
2-Nitroaniline
Concen: 2.60 ng/ul
RT: 14.50 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion: 65 Resp: 15365

Ion	Ratio	Lower	Upper
65	100		
92	77.7	54.0	81.0
138	139.9	83.1	124.7#

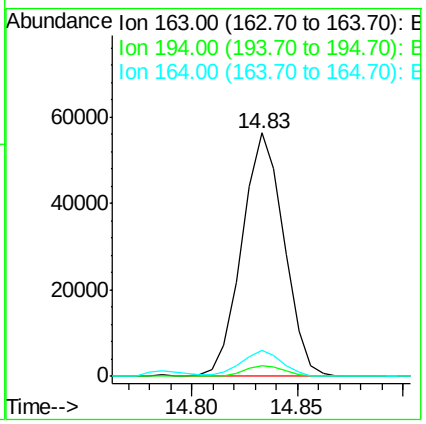




#45
Dimethylphthalate
Concen: 3.07 ng/ul
RT: 14.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:163 Resp: 78084

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.9	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
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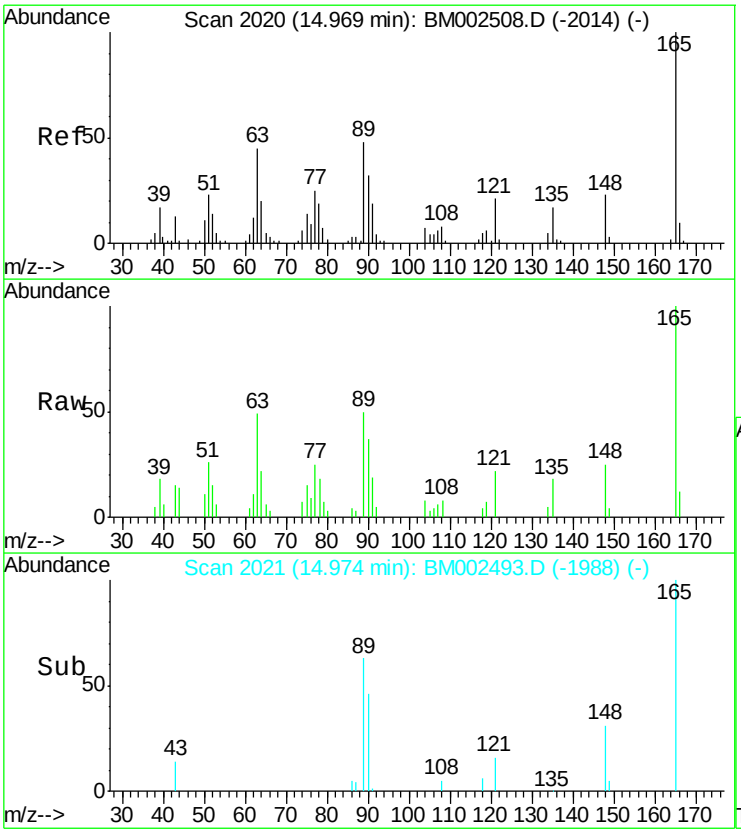
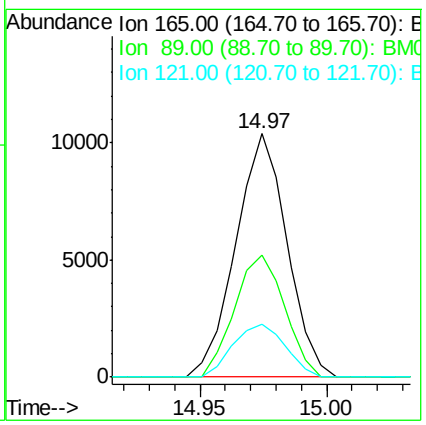
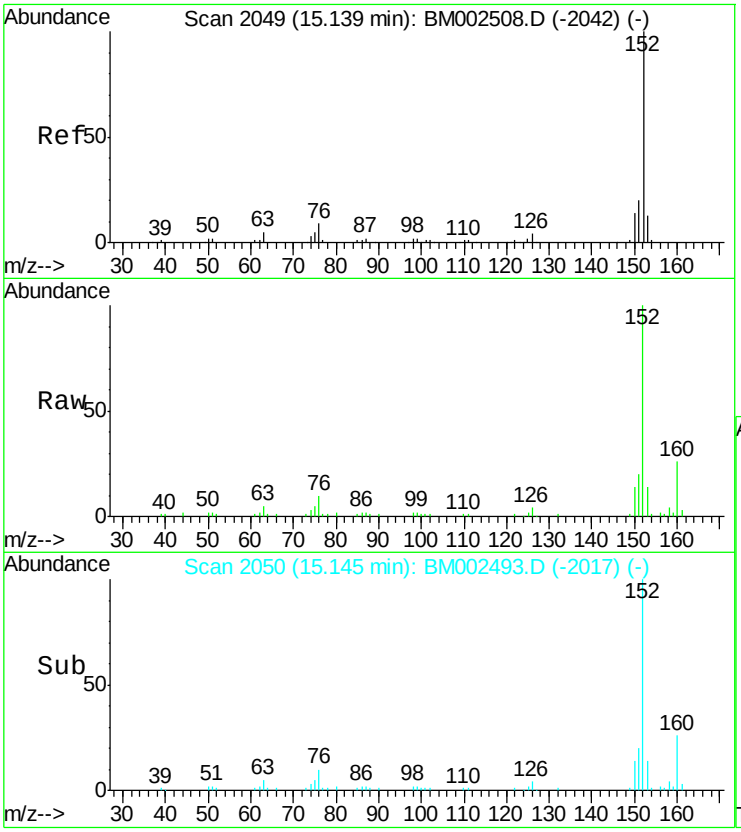


#46
2,6-Dinitrotoluene
Concen: 3.08 ng/ul
RT: 14.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:165 Resp: 14649

Ion	Ratio	Lower	Upper
165	100		
89	50.1	46.6	69.8
121	21.6	19.0	28.4





#48
Acenaphthylene
Concen: 3.09 ng/ul
RT: 15.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:152 Resp: 100728

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.6	10.6	15.8

Instrument :
BNA_M
ClientSampleId :
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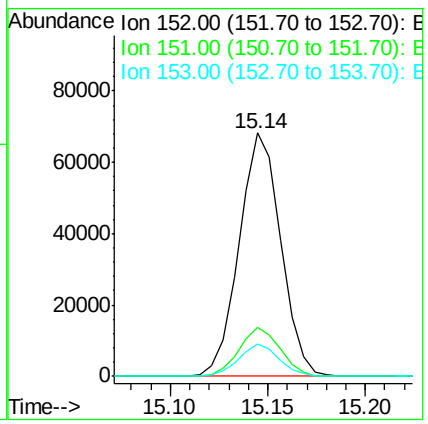
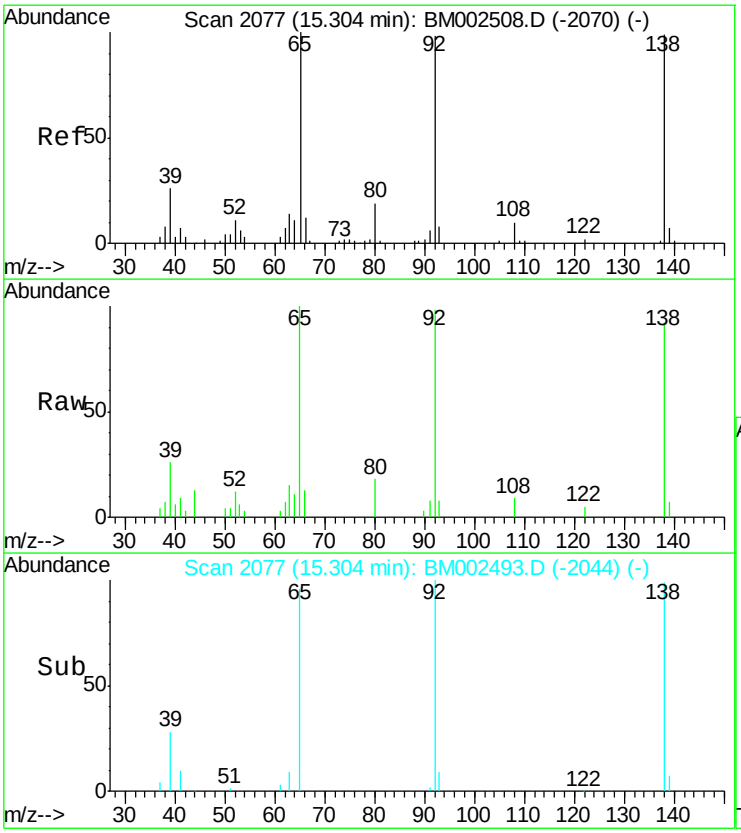
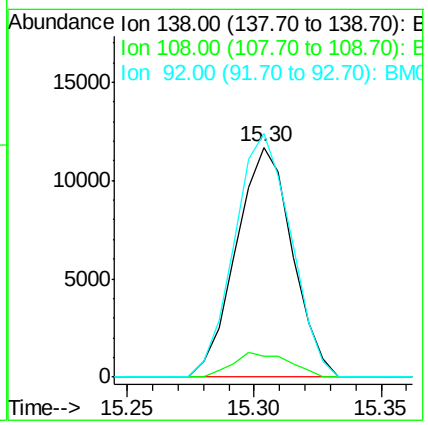


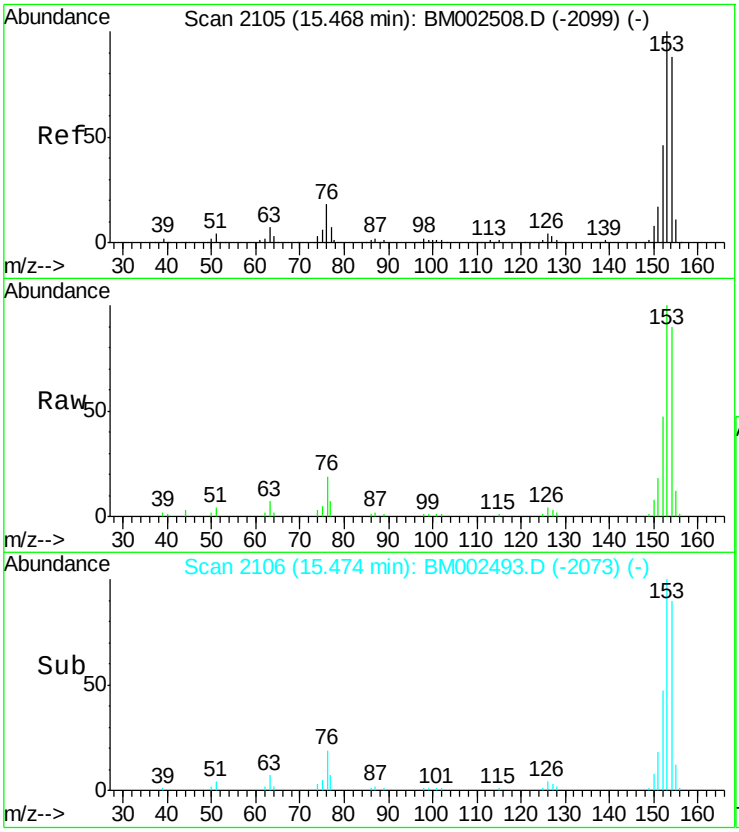


#49
3-Nitroaniline
Concen: 3.48 ng/ul
RT: 15.30 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:138 Resp: 17952

Ion	Ratio	Lower	Upper
138	100		
108	9.2	11.7	17.5#
92	106.1	94.3	141.5

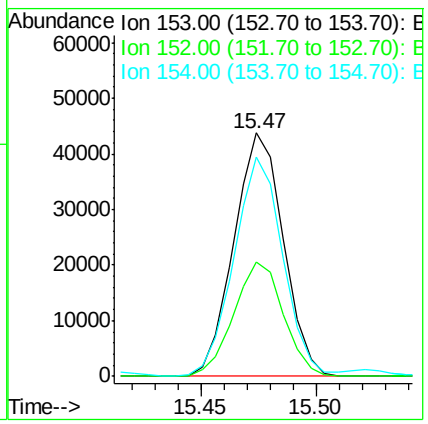




#50
Acenaphthene
Concen: 2.98 ng/ul
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:153 Resp: 65308

Ion	Ratio	Lower	Upper
153	100		
152	46.9	36.6	55.0
154	90.3	71.5	107.3



Instrument :
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ClientSampleId :
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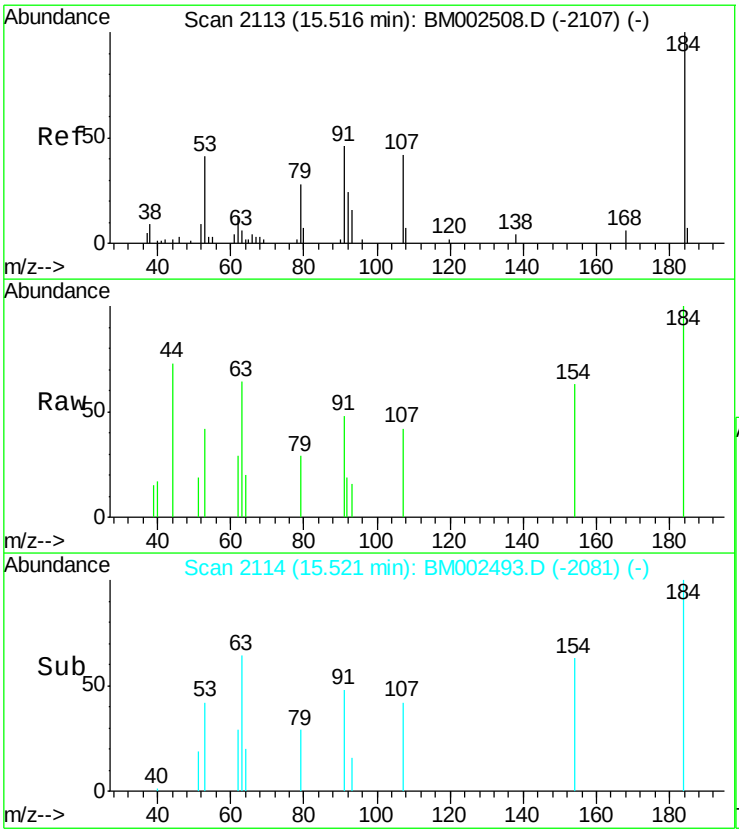
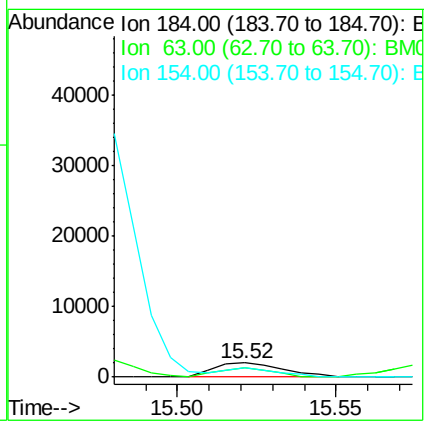
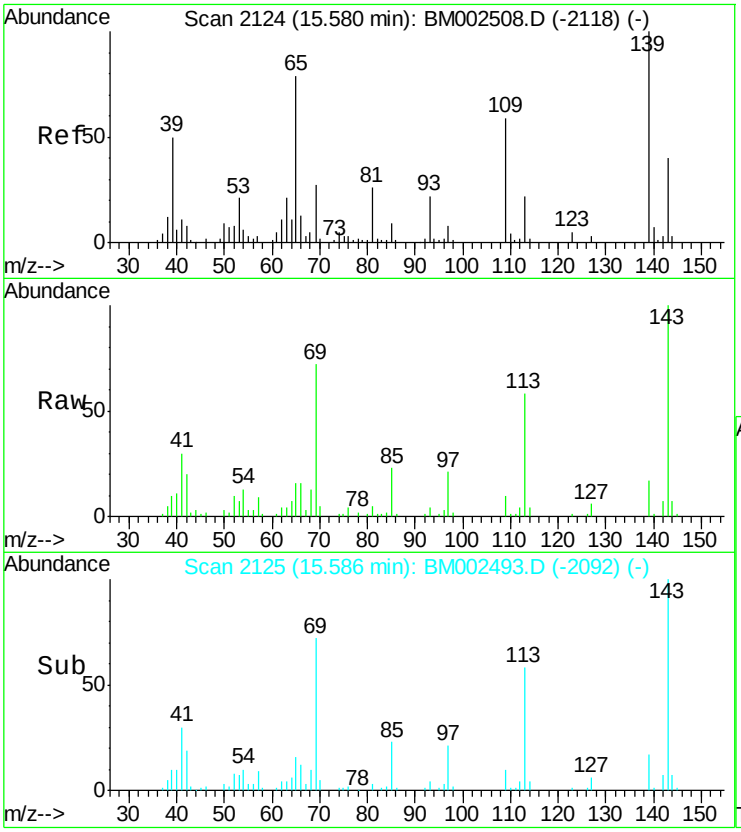


#51
2,4-Dinitrophenol
Concen: 1.88 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:184 Resp: 3098

Ion	Ratio	Lower	Upper
184	100		
63	64.0	94.8	142.2#
154	63.2	525.6	788.4#

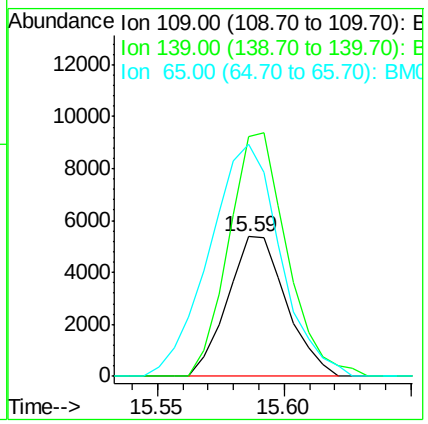




#53
4-Nitrophenol
Concen: 2.62 ng/ul
RT: 15.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:109 Resp: 8643

Ion	Ratio	Lower	Upper
109	100		
139	172.0	118.7	178.1
65	166.7	116.6	174.8



Instrument :
BNA_M
ClientSampleId :
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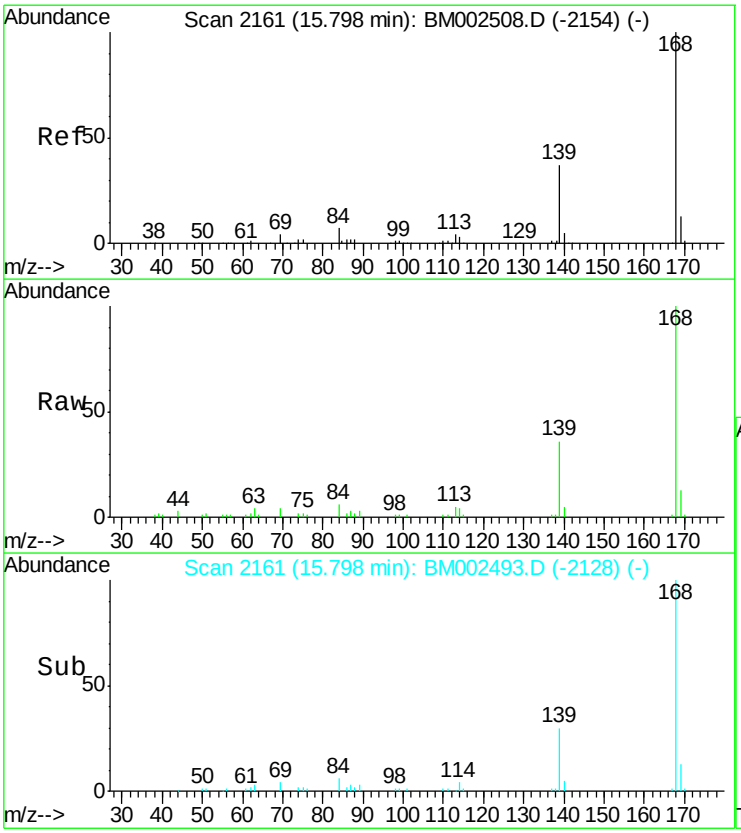
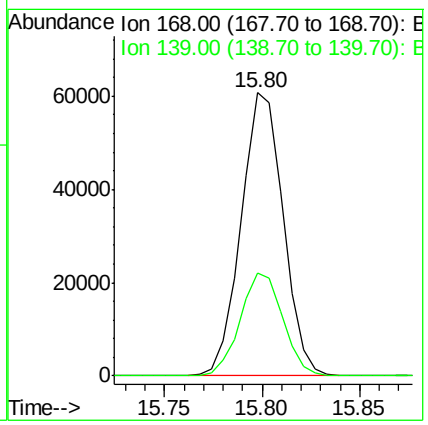
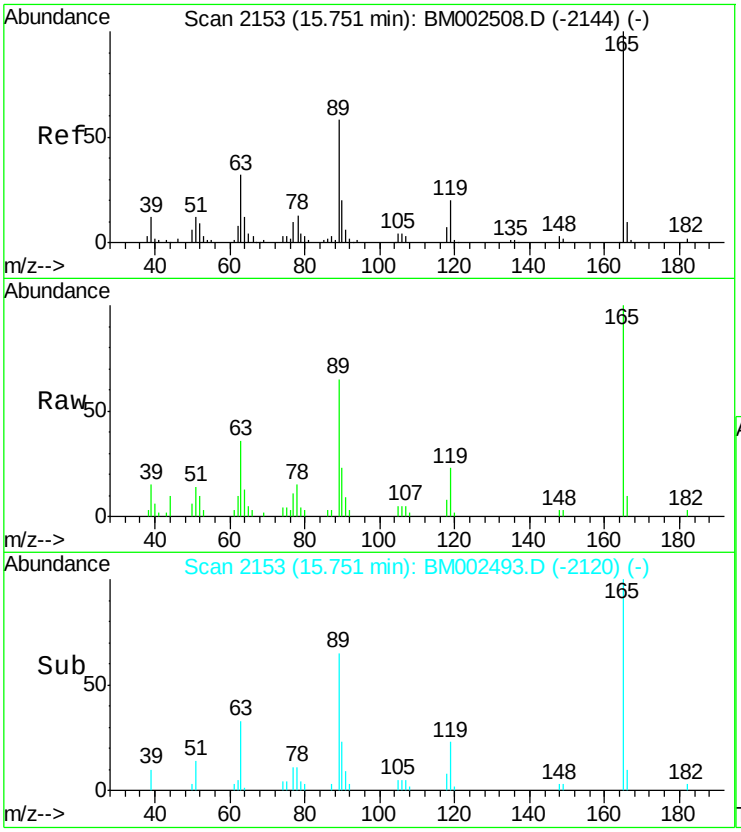


#54
Dibenzofuran
Concen: 3.11 ng/ul
RT: 15.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:168 Resp: 90826

Ion	Ratio	Lower	Upper
168	100		
139	36.3	31.3	46.9





#55
2,4-Dinitrotoluene
Concen: 3.30 ng/ul
RT: 15.75 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:165 Resp: 22326

Ion	Ratio	Lower	Upper
165	100		
63	35.9	35.9	53.9#
182	3.3	2.5	3.7

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

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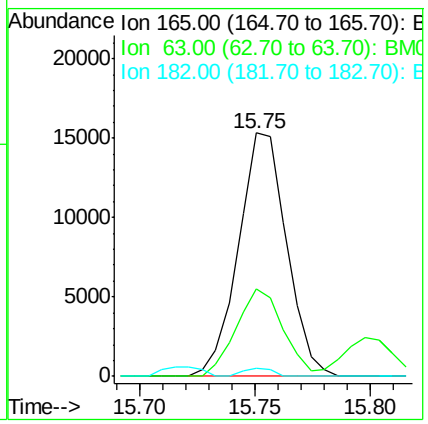
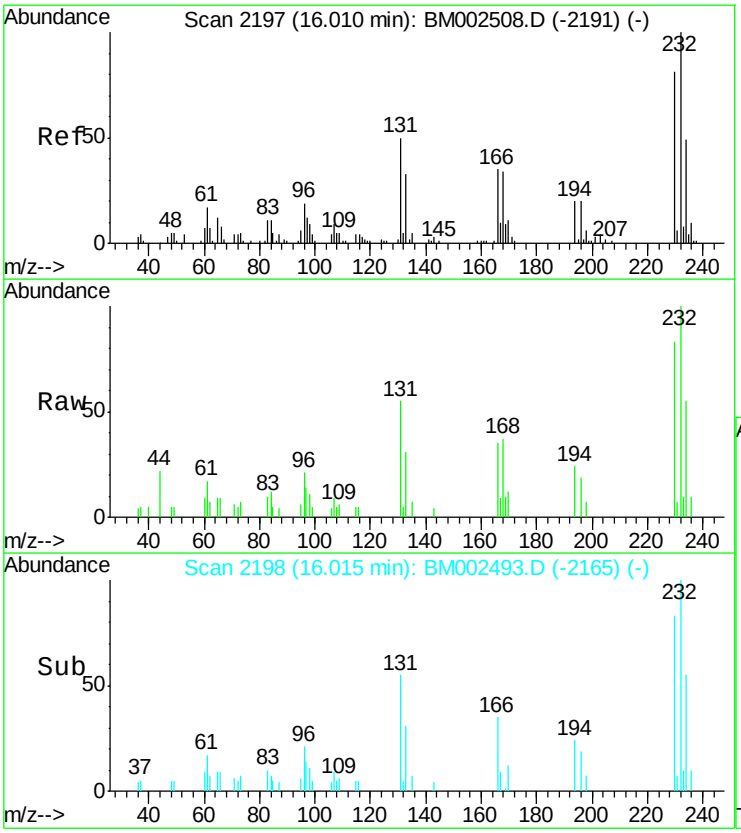
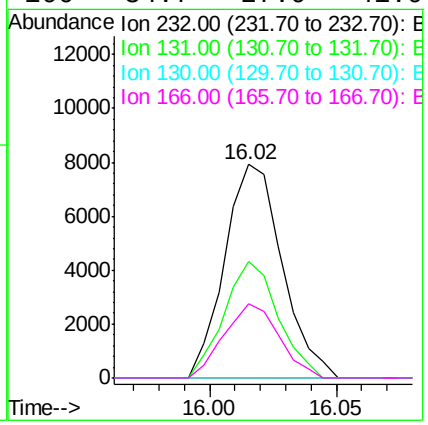


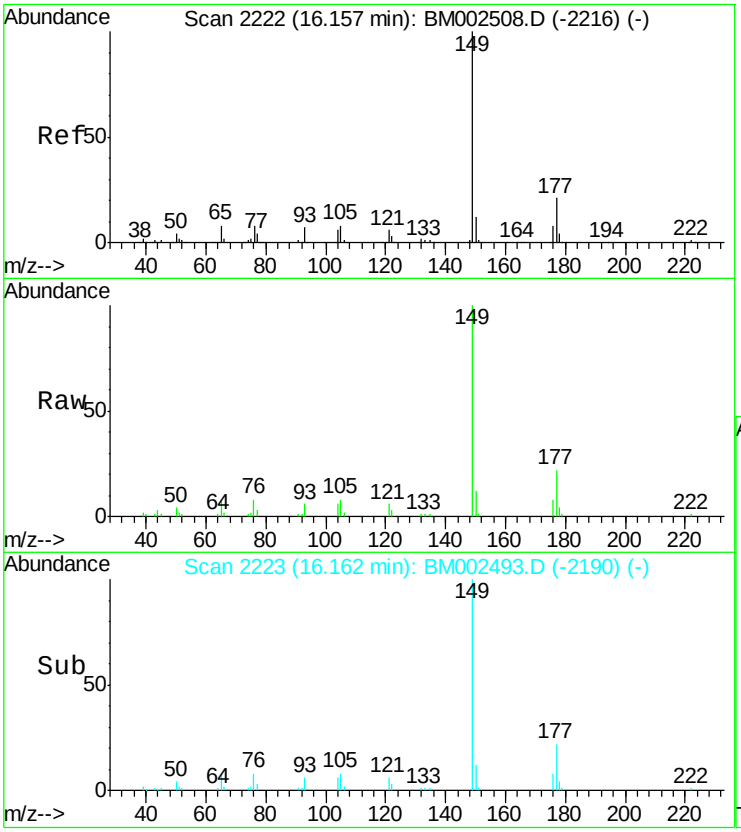


#56
2,3,4,6-Tetrachlorophenol
Concen: 2.70 ng/ul
RT: 16.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:232 Resp: 12464

Ion	Ratio	Lower	Upper
232	100		
131	54.7	42.2	63.4
130	0.0	2.2	3.4#
166	34.7	27.9	41.9

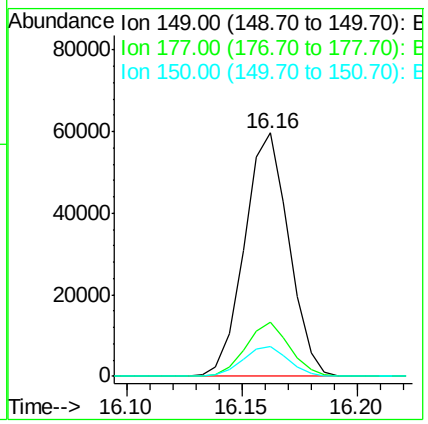




#57
Diethylphthalate
Concen: 2.94 ng/ul
RT: 16.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:149 Resp: 79951

Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.7	25.1
150	12.3	9.9	14.9



Instrument :
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ClientSampleId :
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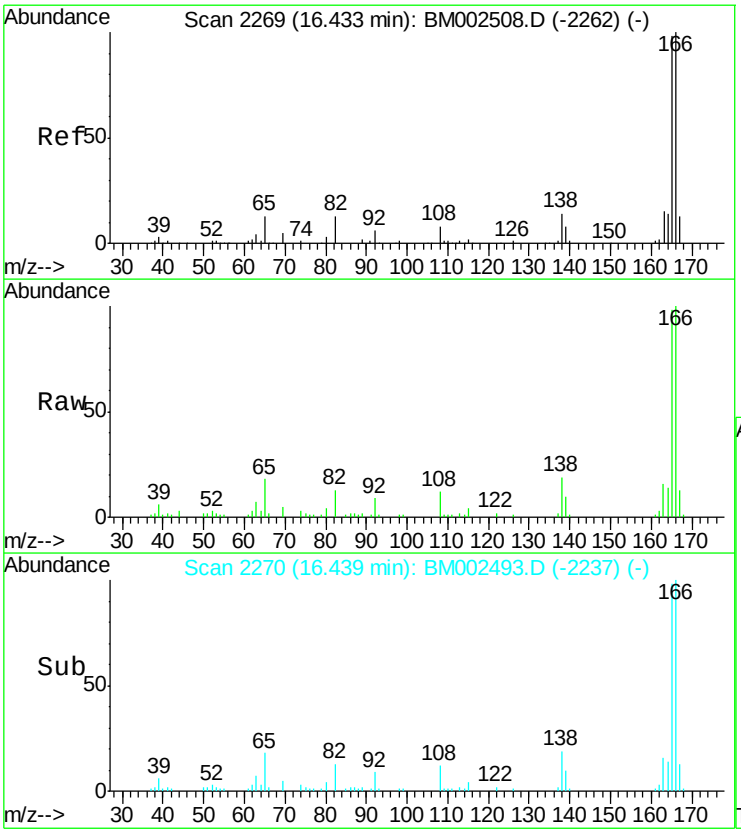
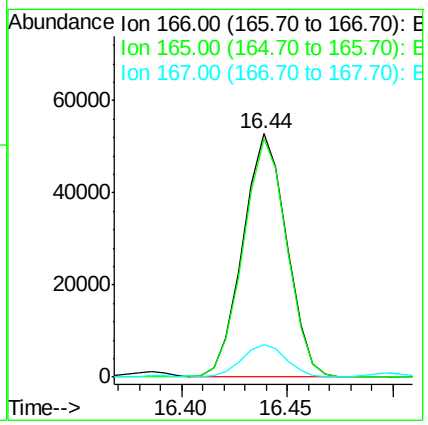
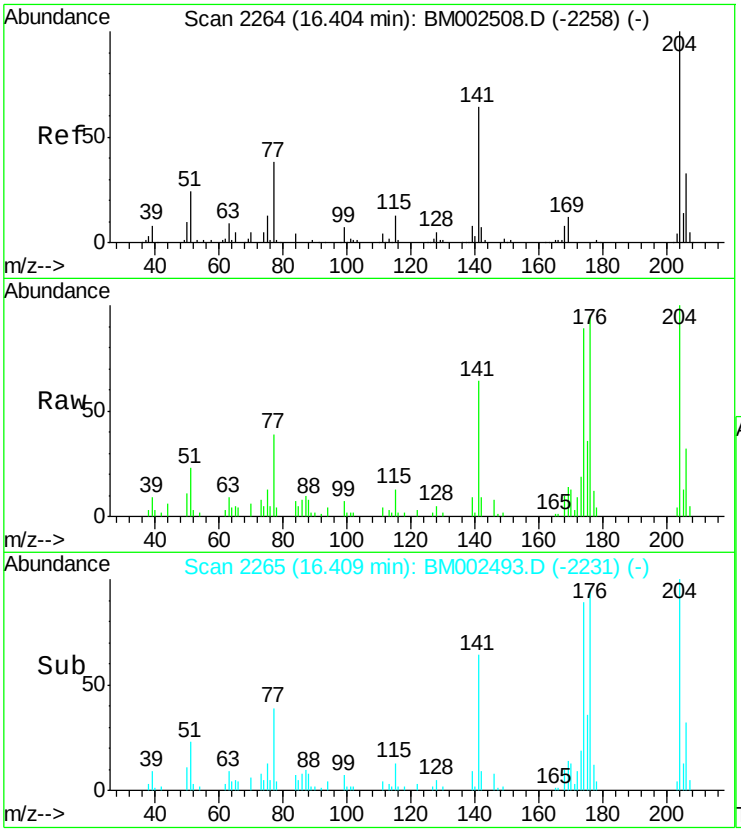


#59
Fluorene
Concen: 3.09 ng/ul
RT: 16.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:166 Resp: 76332

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.5	116.3
167	13.5	10.4	15.6





#60
4-Chlorophenyl-phenylether
Concen: 3.03 ng/ul
RT: 16.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:204 Resp: 34298

Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.0	39.0
141	64.5	53.7	80.5

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

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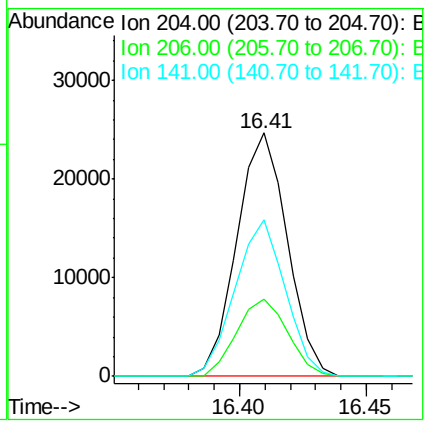
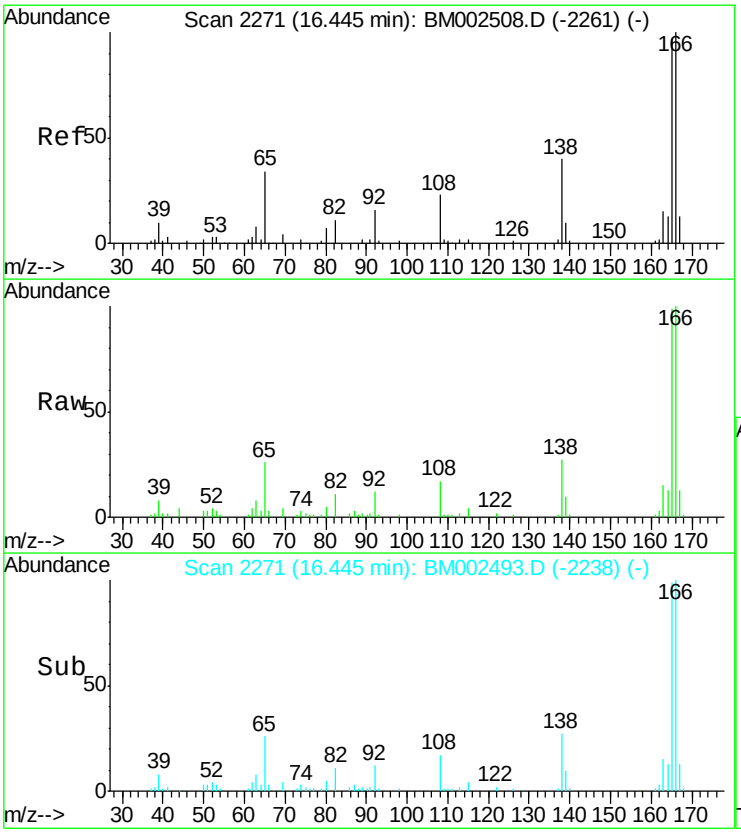
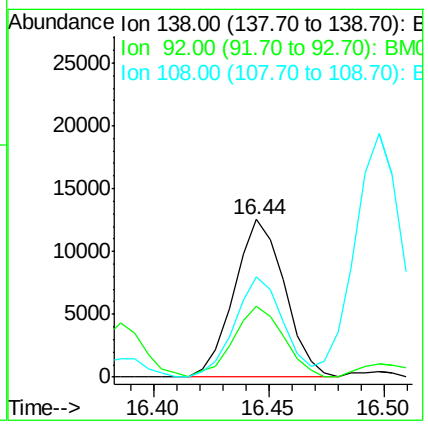


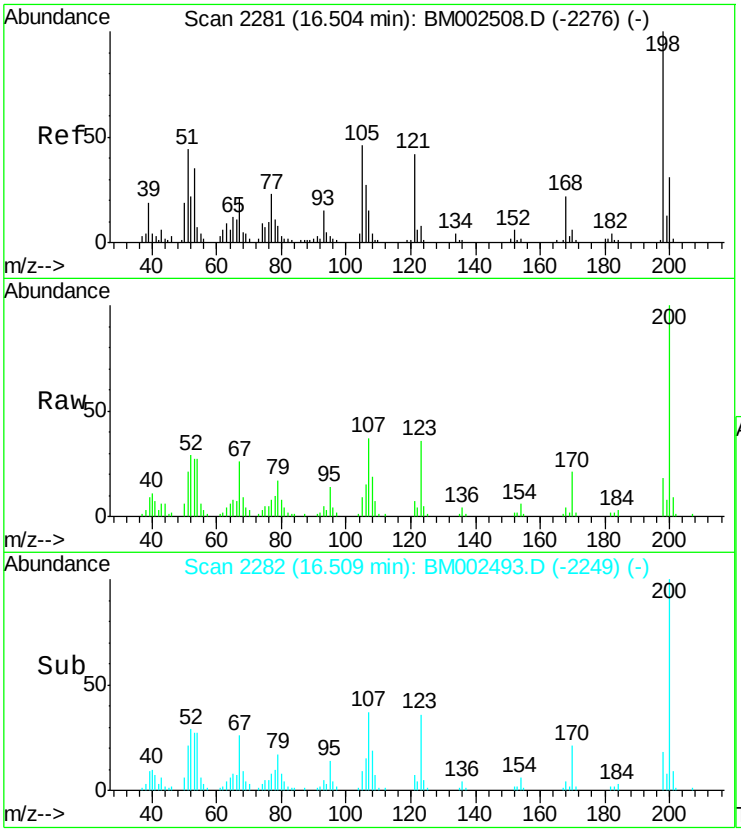


#61
4-Nitroaniline
Concen: 3.21 ng/ul
RT: 16.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:138 Resp: 19149

Ion	Ratio	Lower	Upper
138	100		
92	44.8	40.4	60.6
108	63.9	56.2	84.2





#64
4,6-Dinitro-2-methylphenol
Concen: 3.76 ng/ul
RT: 16.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:198 Resp: 11021

Ion	Ratio	Lower	Upper
198	100		
182	14.1	3.7	5.5#
77	47.5	24.2	36.4#

Instrument :
BNA_M
ClientSampleId :
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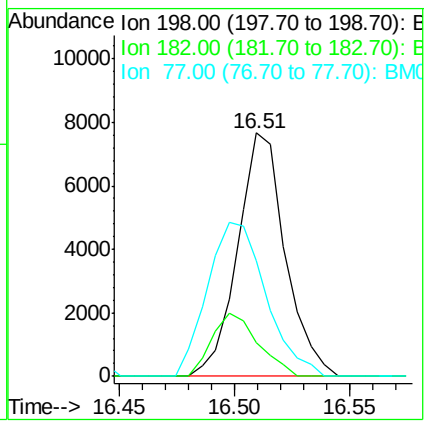
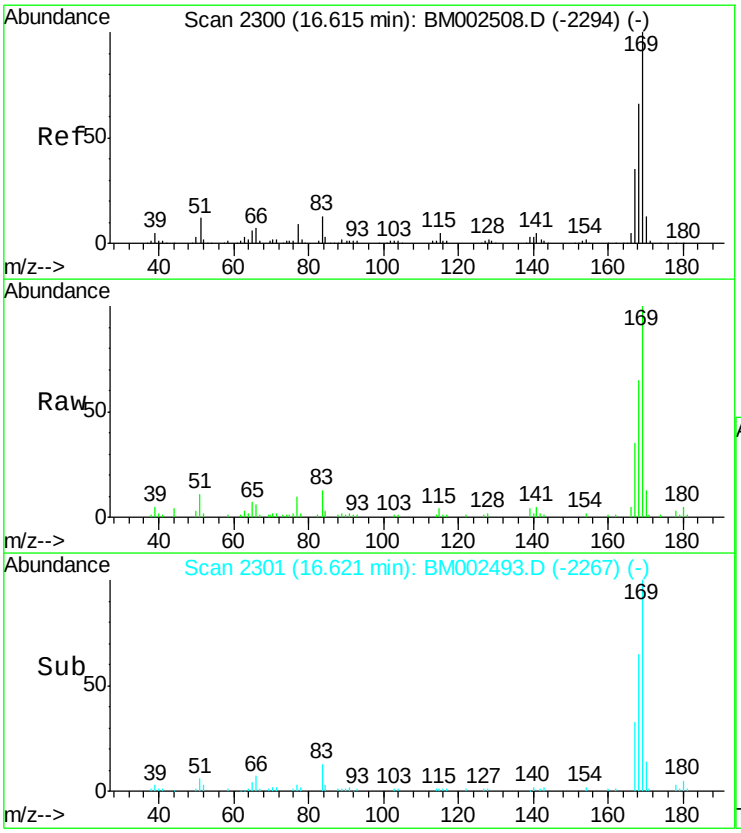
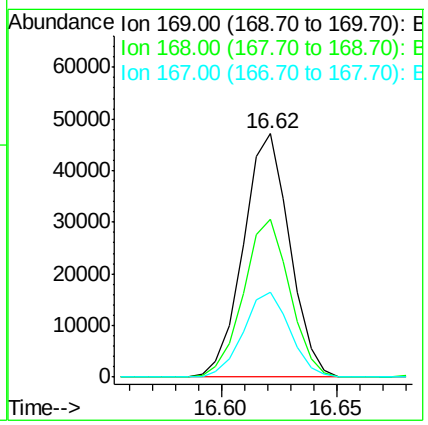


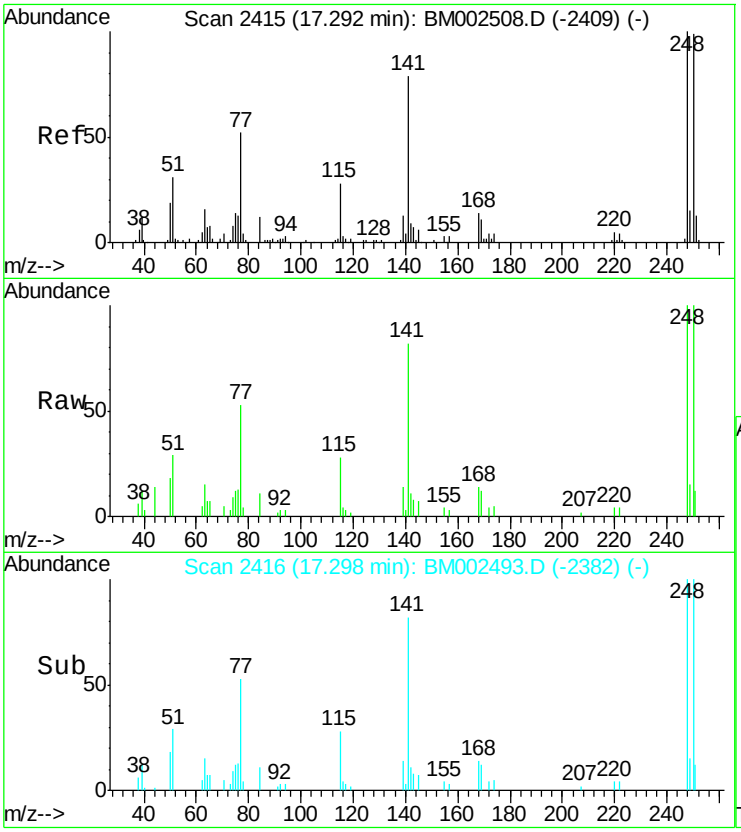


#65
N-Nitrosodiphenylamine
Concen: 3.03 ng/ul
RT: 16.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:169 Resp: 65999

Ion	Ratio	Lower	Upper
169	100		
168	65.0	53.4	80.2
167	35.0	28.8	43.2

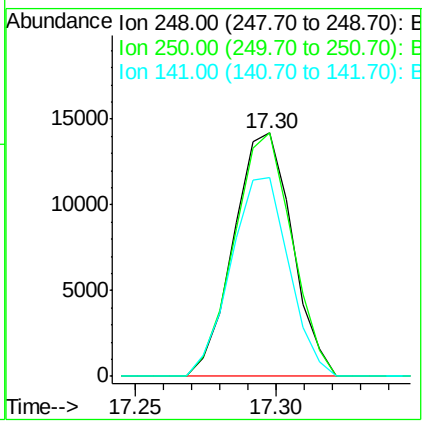




#66
4-Bromophenyl-phenylether
Concen: 2.94 ng/ul
RT: 17.30 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:248 Resp: 20368

Ion	Ratio	Lower	Upper
248	100		
250	100.1	78.5	117.7
141	81.7	66.2	99.4



Instrument :
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ClientSampleId :
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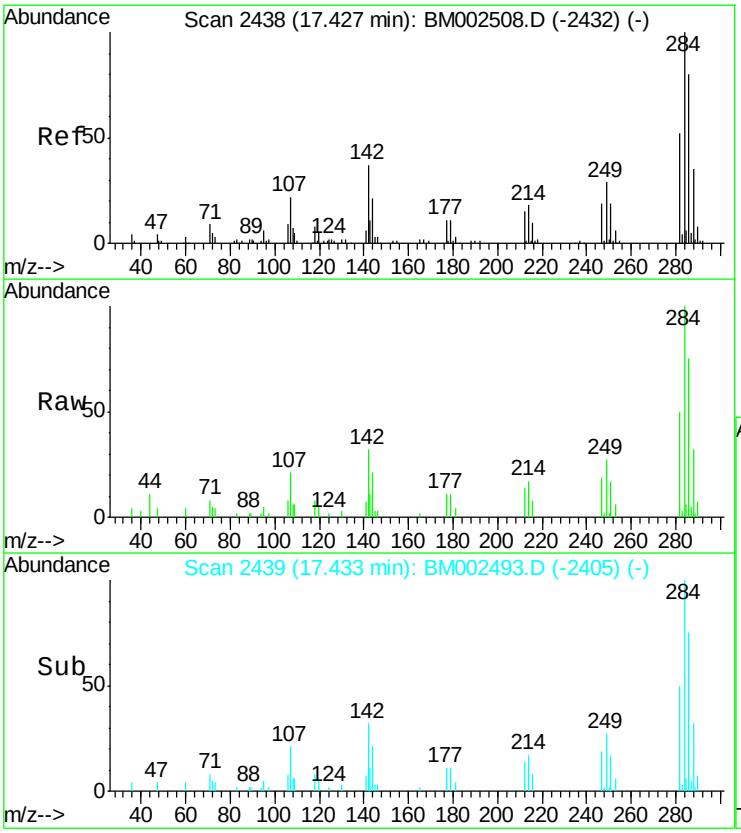
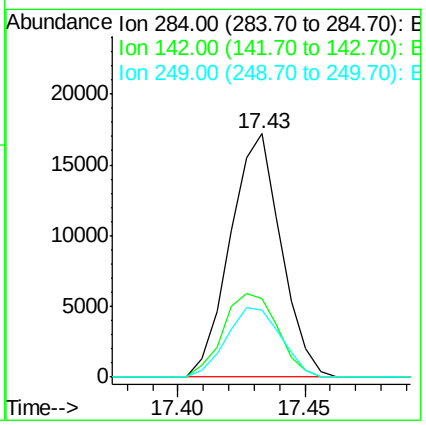
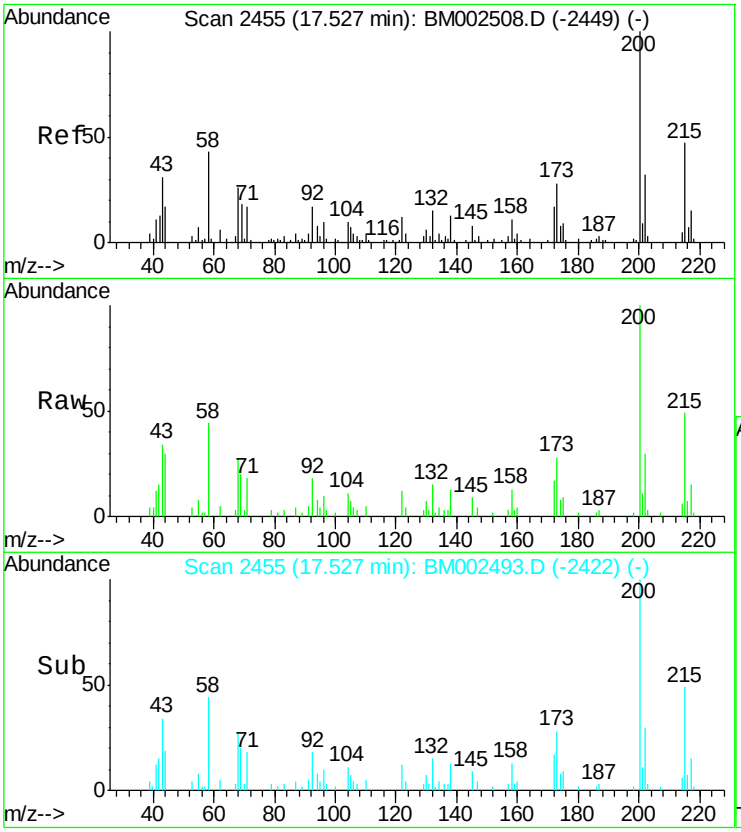


#67
Hexachlorobenzene
Concen: 3.04 ng/ul
RT: 17.43 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:284 Resp: 24006

Ion	Ratio	Lower	Upper
284	100		
142	32.4	30.2	45.4
249	27.5	24.6	36.8

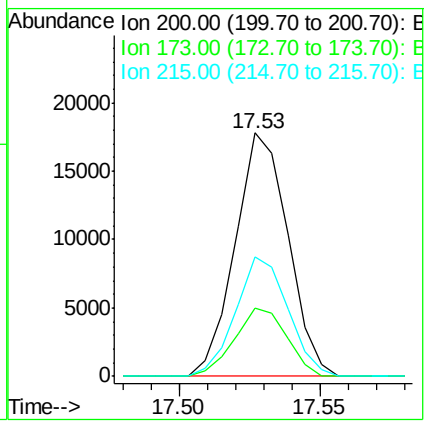




#68
Atrazine
Concen: 3.05 ng/ul
RT: 17.53 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:200 Resp: 23126

Ion	Ratio	Lower	Upper
200	100		
173	27.9	22.4	33.6
215	48.9	38.5	57.7



Instrument :
BNA_M
ClientSampleId :
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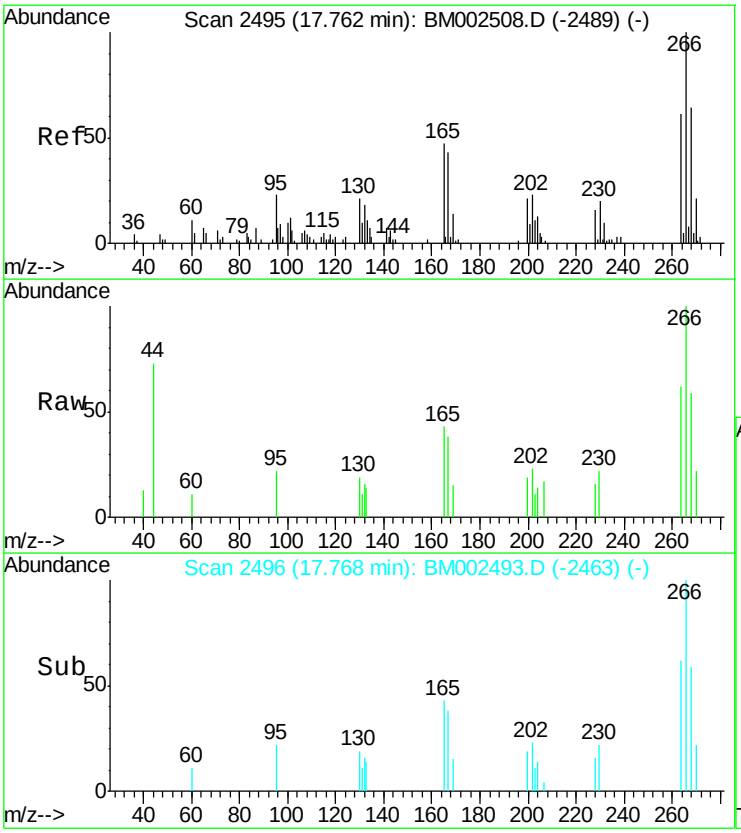
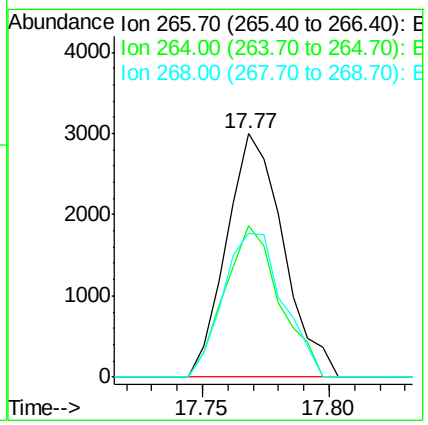
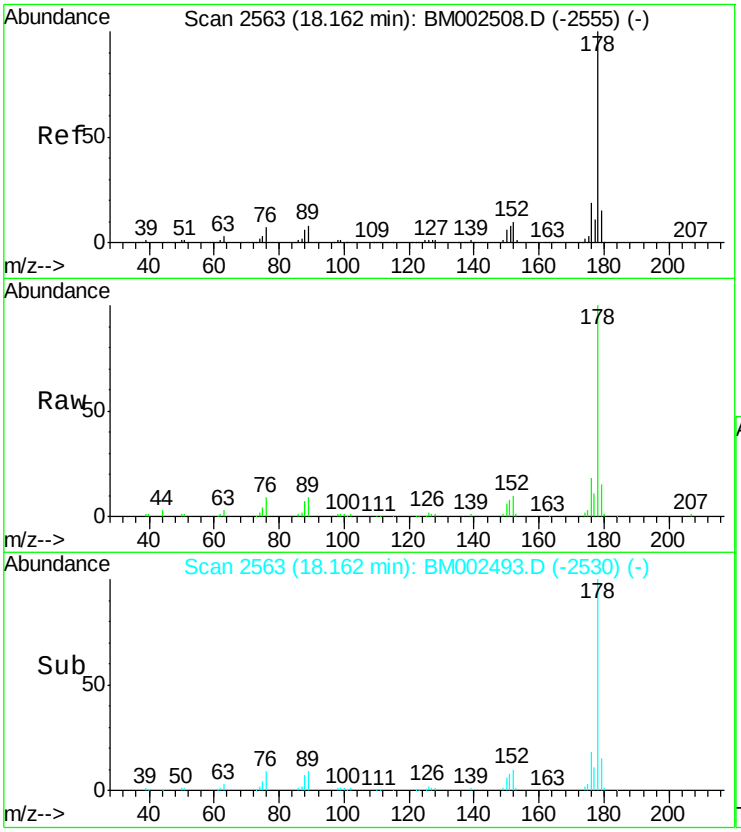


#69
Pentachlorophenol
Concen: 1.21 ng/ul
RT: 17.77 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:266 Resp: 4682

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.3	75.5
268	59.0	51.0	76.4

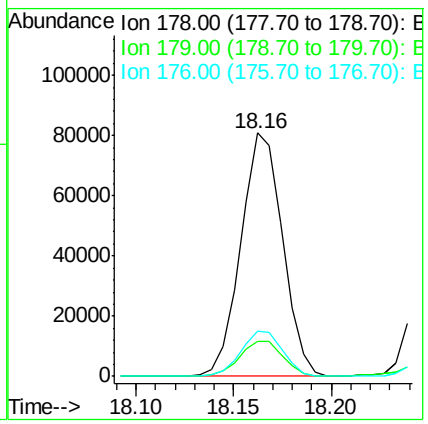




#70
Phenanthrene
Concen: 3.14 ng/ul
RT: 18.16 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:178 Resp: 120080

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	18.4	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
MDL-02-W

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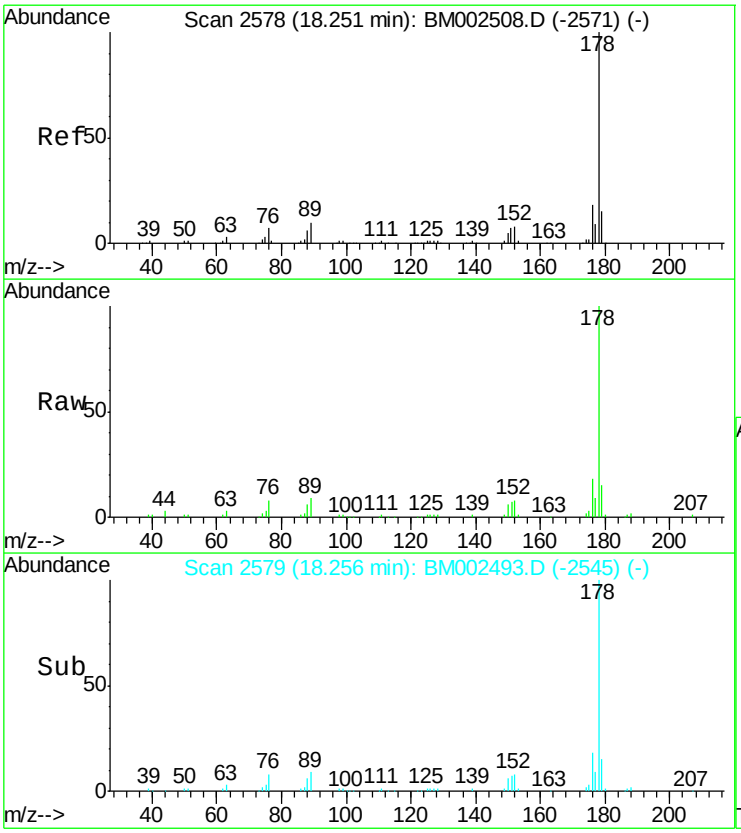
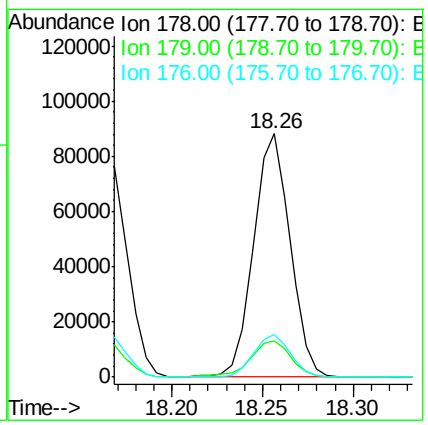
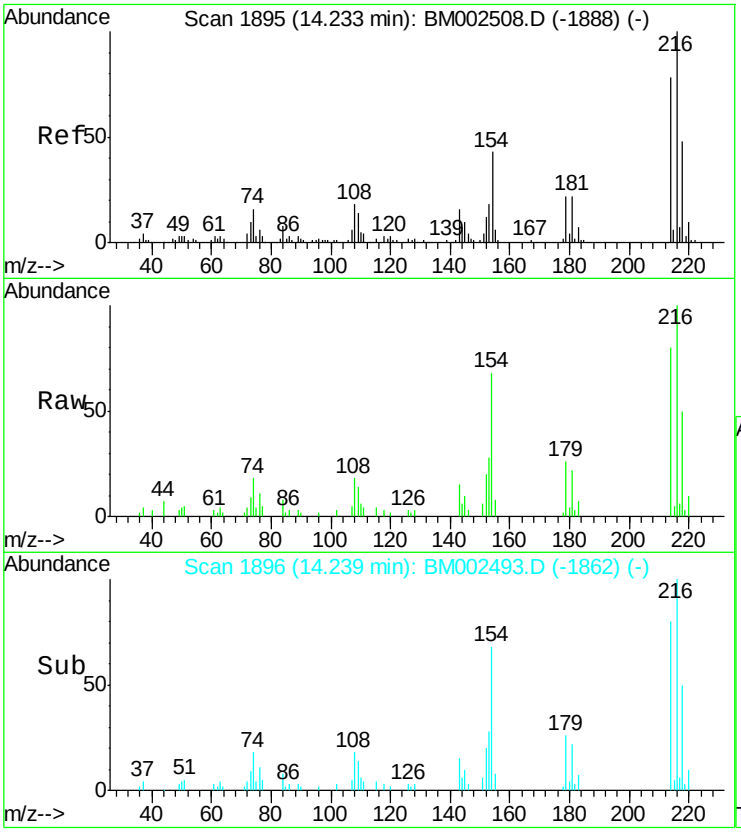


#72
Anthracene
Concen: 3.13 ng/ul
RT: 18.26 min Scan# 2579
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:178 Resp: 123635

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	17.6	14.5	21.7





#73
1,2,3,4-Tetrachlorobenzene
Concen: 2.74 ng/uL
RT: 14.24 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:216 Resp: 24740

Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.0
218	50.0	38.9	58.3

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

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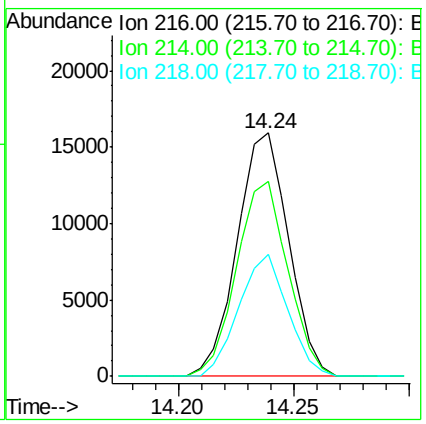
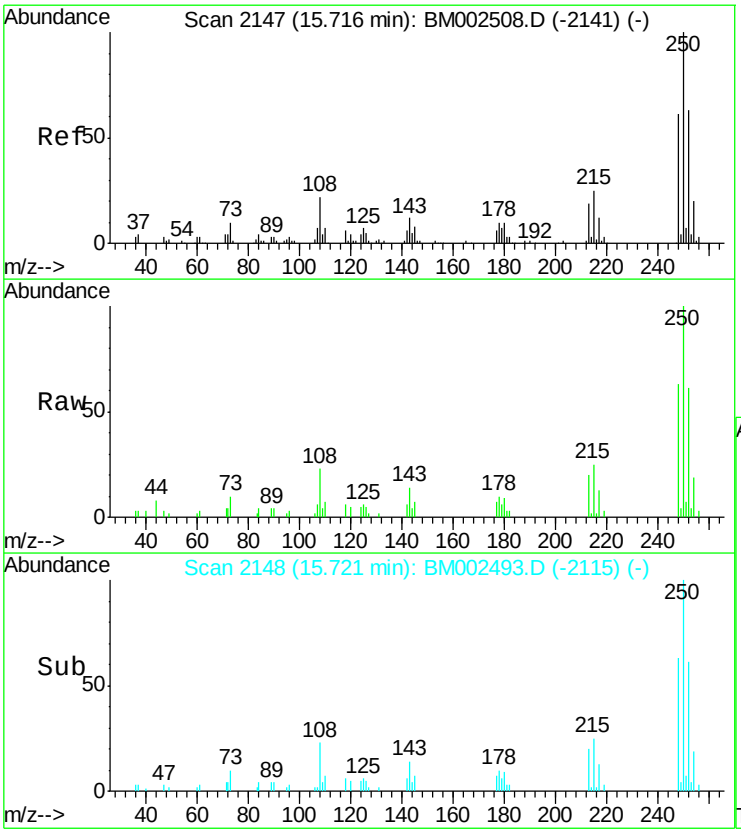
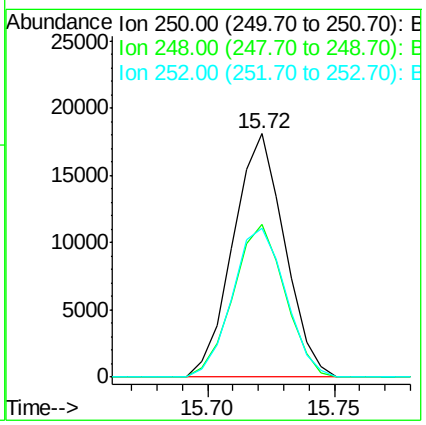


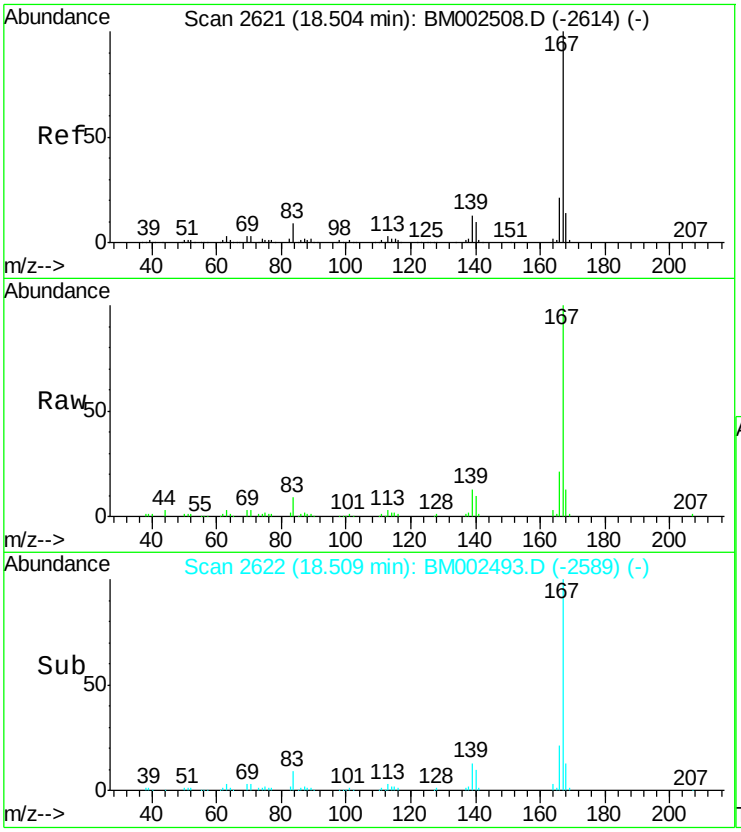


#74
Pentachlorobenzene
Concen: 2.92 ng/uL
RT: 15.72 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:250 Resp: 25547

Ion	Ratio	Lower	Upper
250	100		
248	62.5	51.0	76.6
252	61.4	50.1	75.1

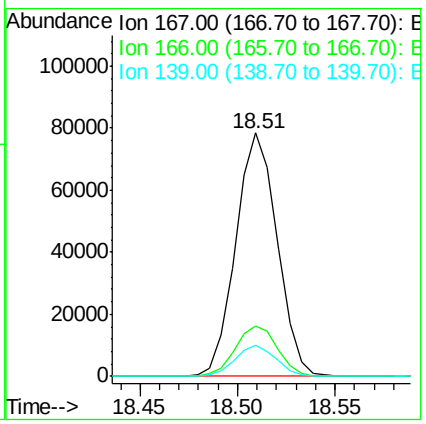




#75
Carbazole
Concen: 3.22 ng/ul
RT: 18.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:167 Resp: 115151

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.0	25.6
139	13.0	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
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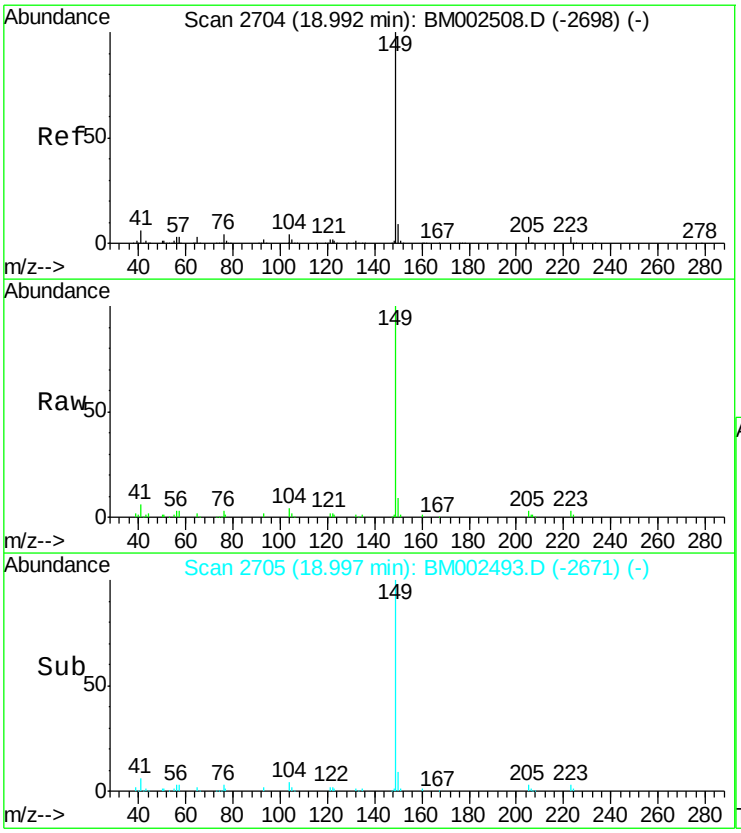
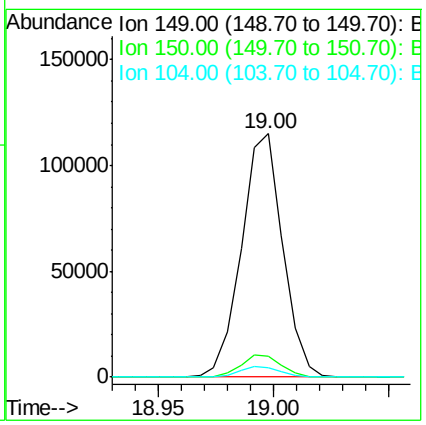
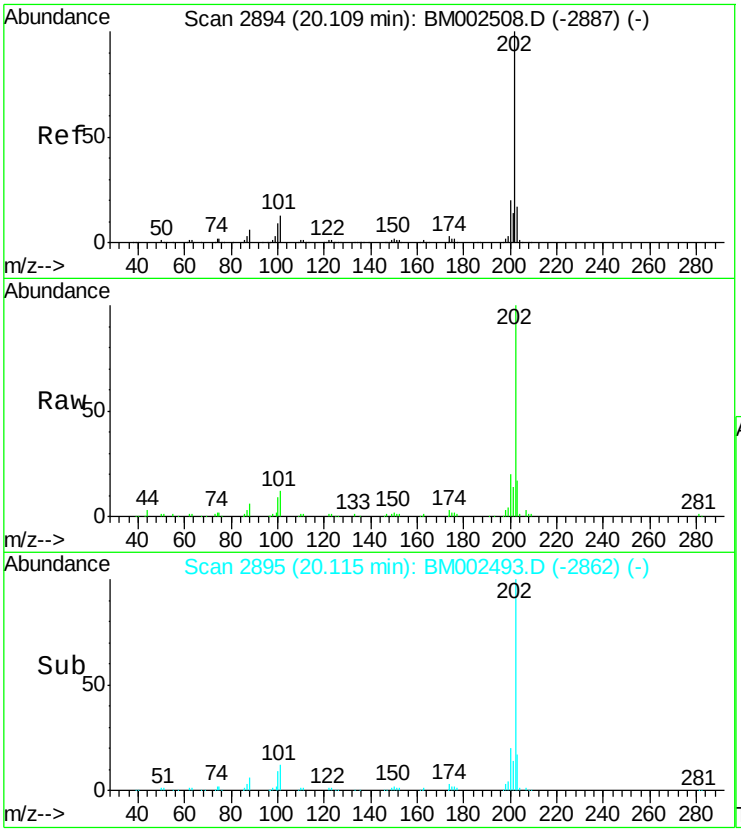


#76
Di-n-butylphthalate
Concen: 2.99 ng/ul
RT: 19.00 min Scan# 2705
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:149 Resp: 143420

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.3	10.9
104	4.1	3.8	5.6

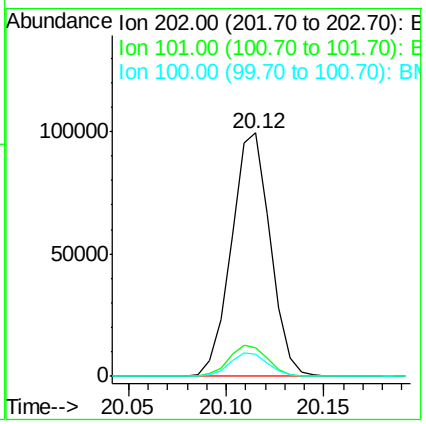




#77
Fluoranthene
Concen: 3.37 ng/ul
RT: 20.12 min Scan# 2895
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:202 Resp: 136461

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.6	15.8
100	9.1	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
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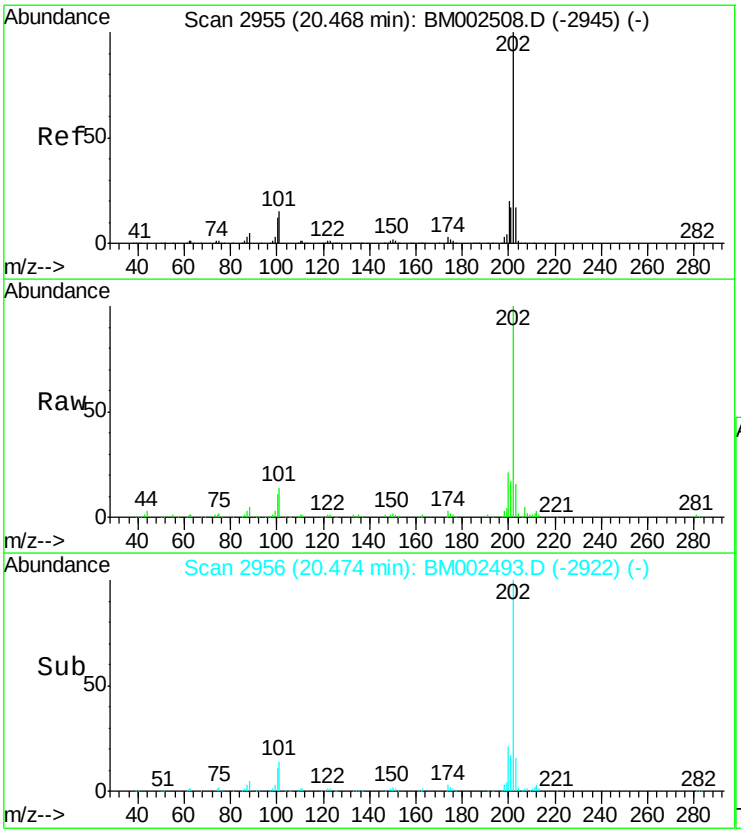
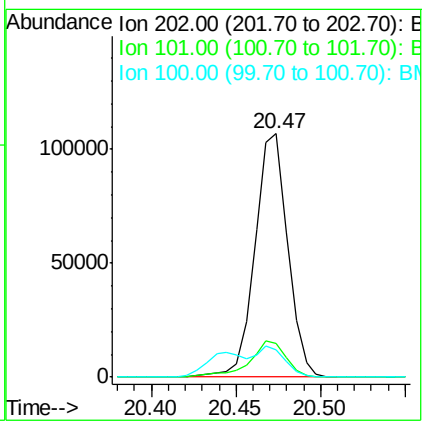
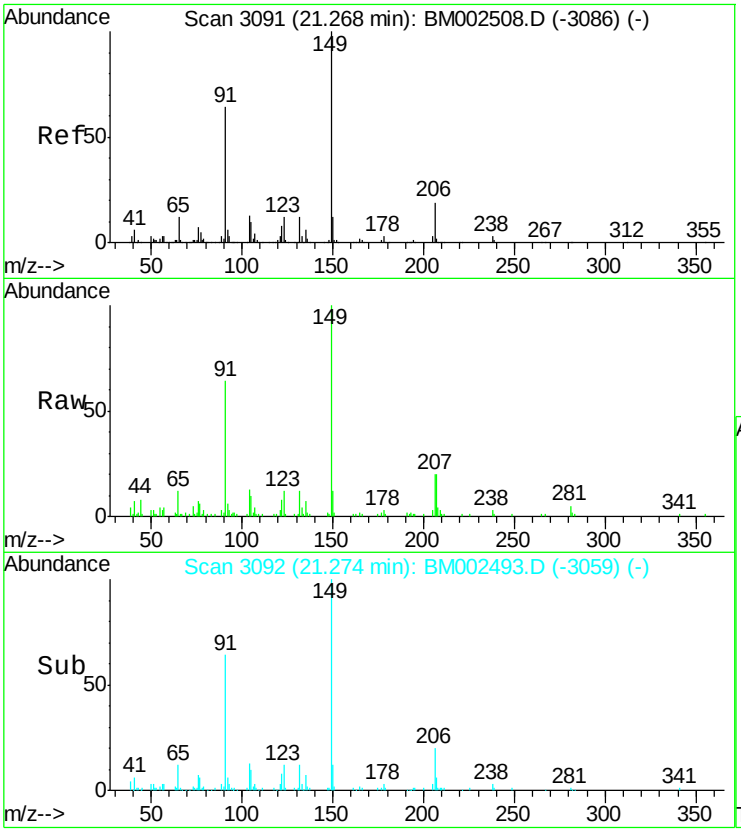


#80
Pyrene
Concen: 3.19 ng/ul
RT: 20.47 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:202 Resp: 143949

Ion	Ratio	Lower	Upper
202	100		
101	14.1	13.0	19.6
100	11.2	11.0	16.4





#81
Butylbenzylphthalate
Concen: 2.98 ng/ul
RT: 21.27 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:149 Resp: 66583

Ion	Ratio	Lower	Upper
149	100		
91	63.6	57.5	86.3
206	19.9	15.2	22.8

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

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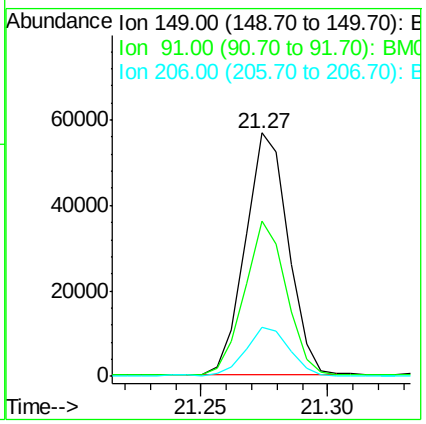
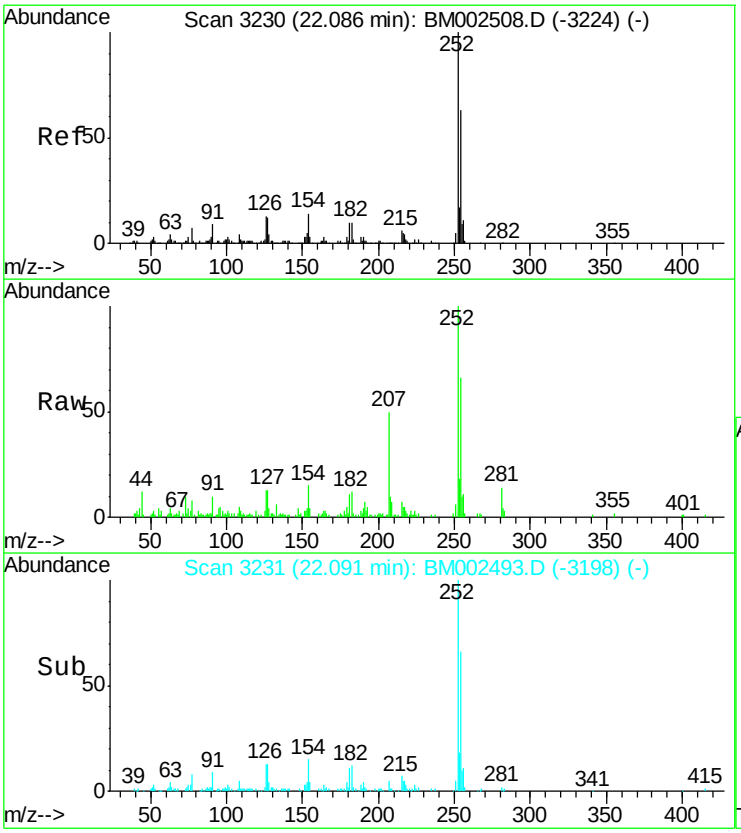
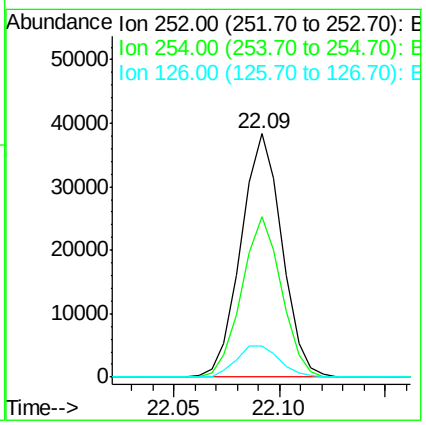


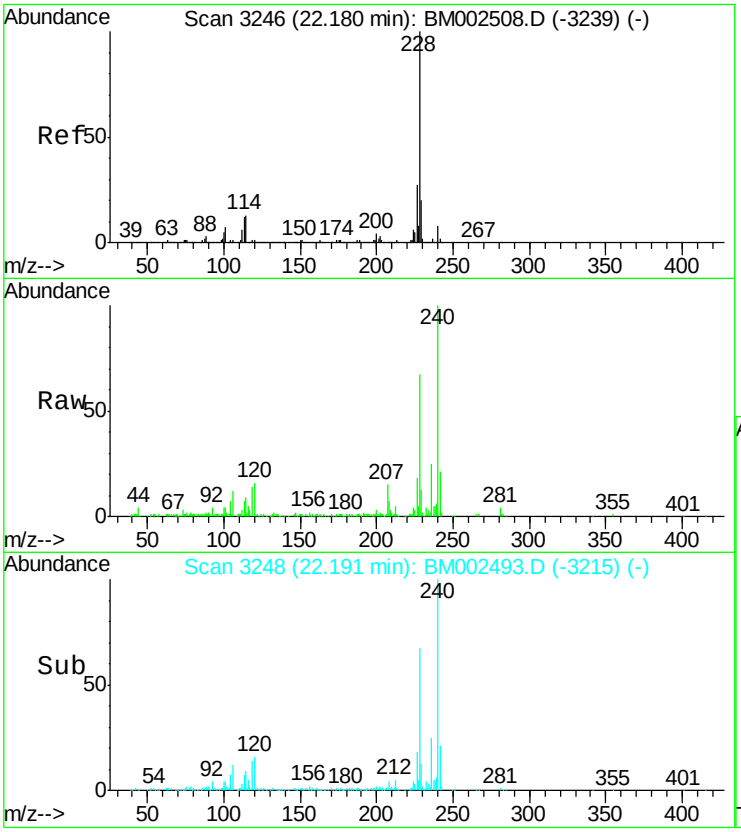


#82
3,3'-Dichlorobenzidine
Concen: 3.86 ng/ul
RT: 22.09 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:252 Resp: 51776

Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.5	78.7
126	12.7	11.8	17.8

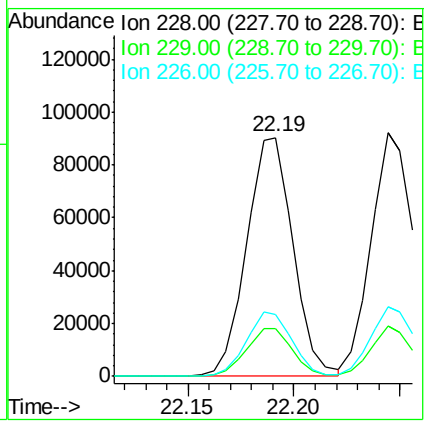




#83
Benzo(a)anthracene
Concen: 3.23 ng/ul
RT: 22.19 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:228 Resp: 137659

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	26.1	21.4	32.0



Instrument :
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ClientSampleId :
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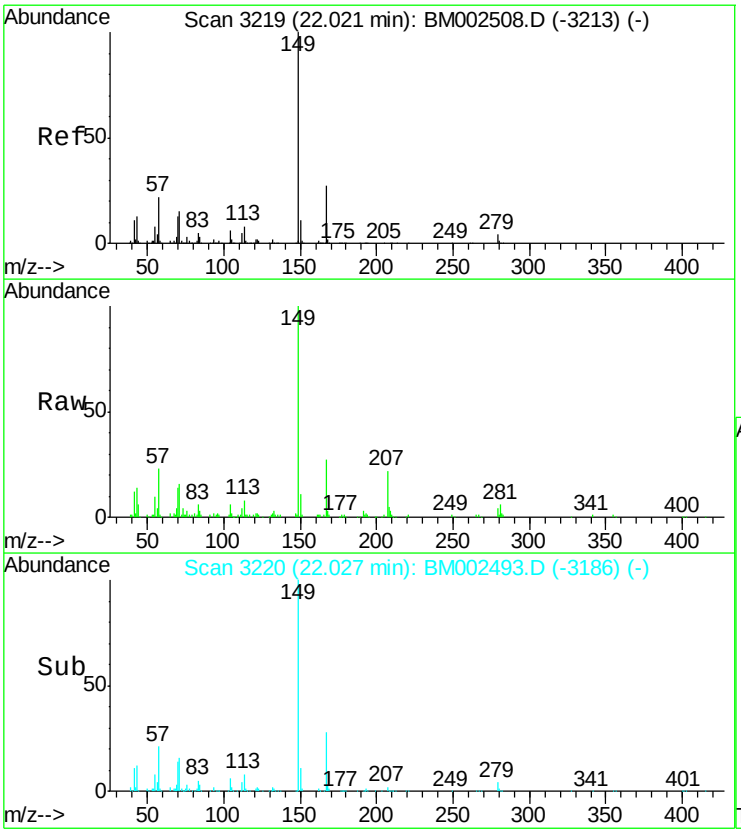
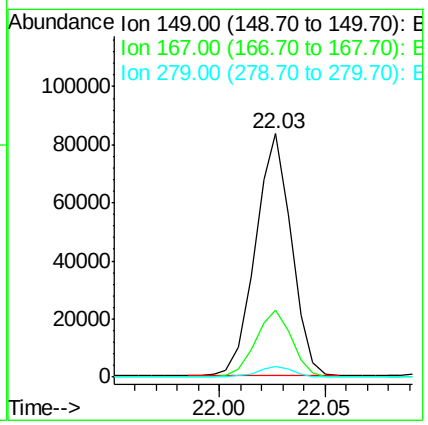
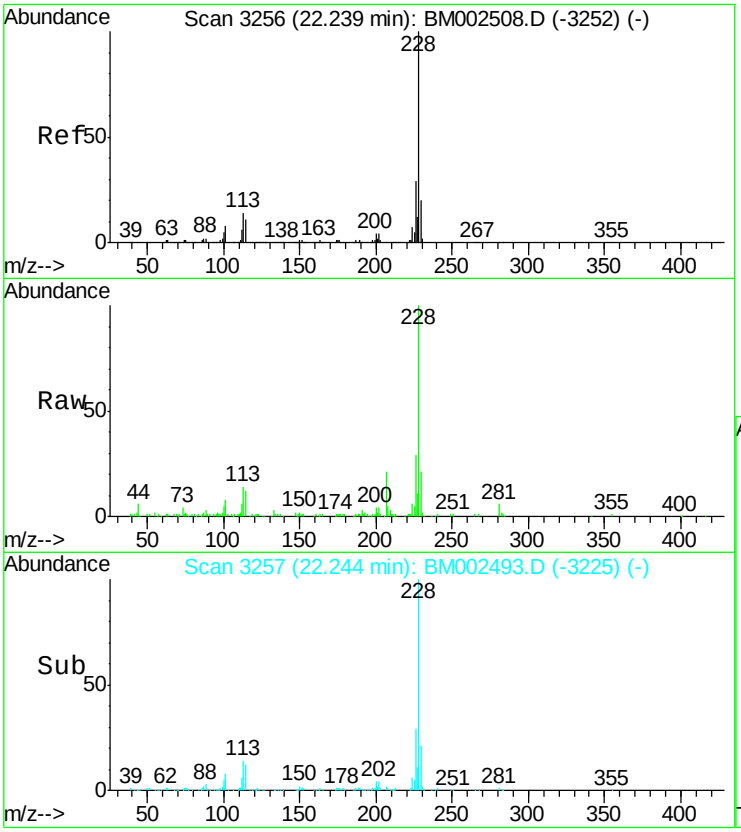


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.04 ng/ul
RT: 22.03 min Scan# 3220
Delta R.T. -0.00 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:149 Resp: 98245

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.4	32.2
279	4.5	3.2	4.8





#85
Chrysene
Concen: 3.21 ng/ul
RT: 22.24 min Scan# 3257
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:228 Resp: 129794

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	20.6	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
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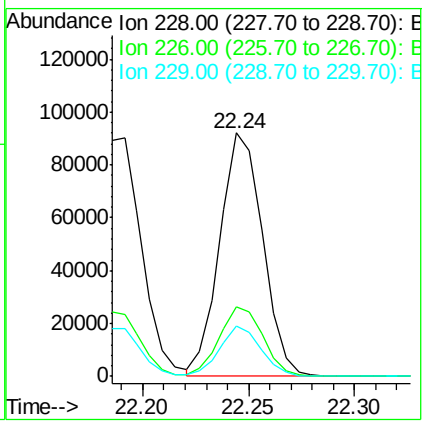
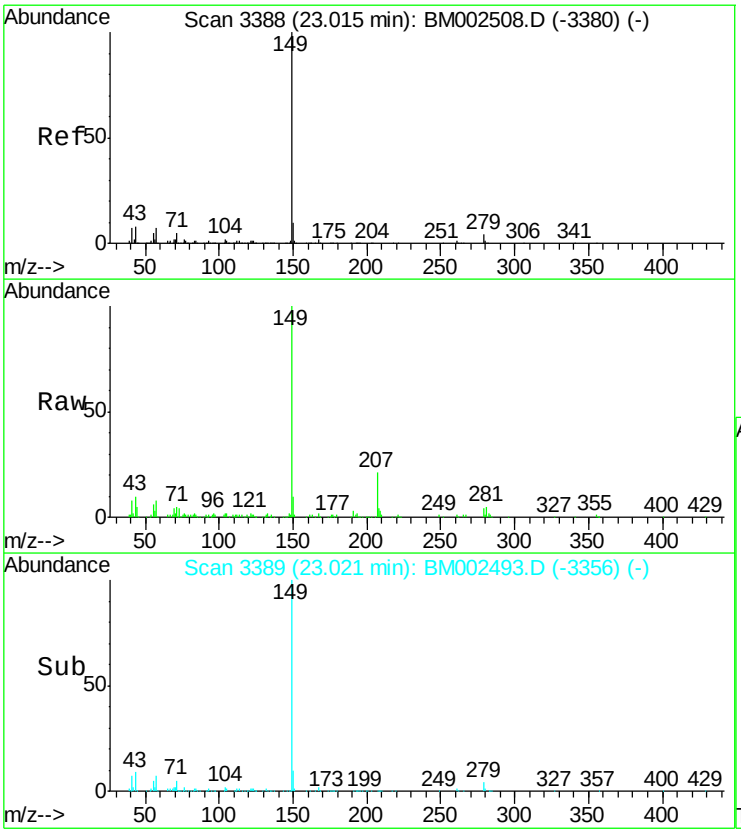
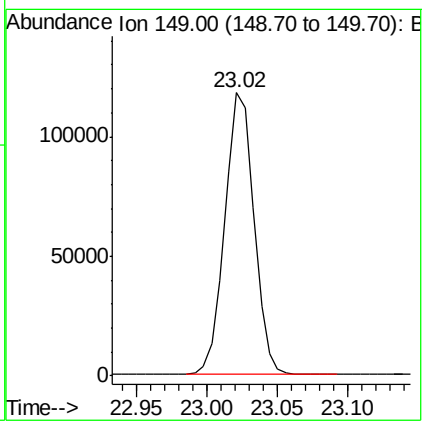
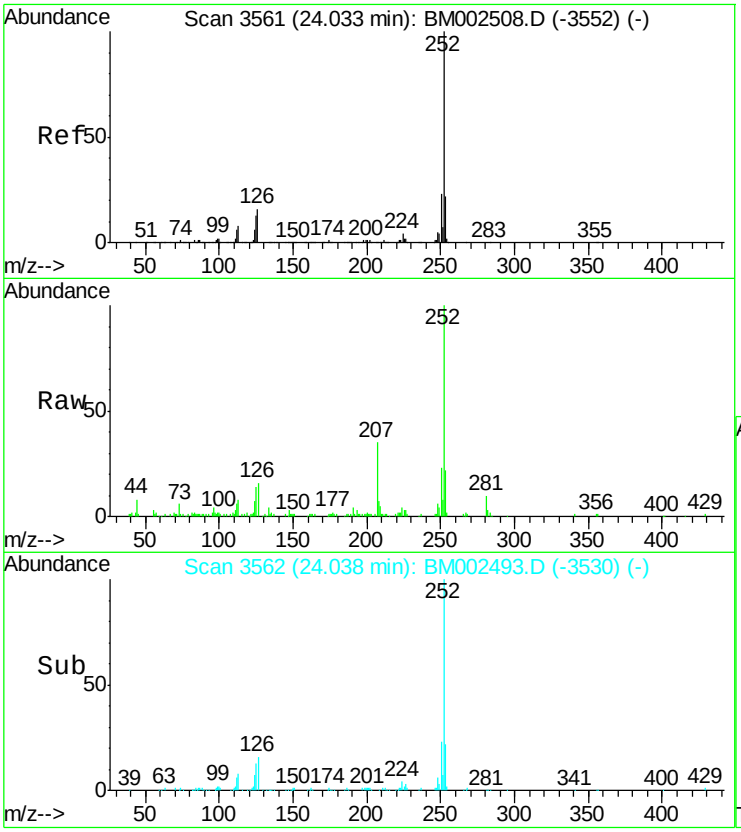




#87
Di-n-octyl phthalate
Concen: 3.11 ng/ul
RT: 23.02 min Scan# 3389
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:149 Resp: 169273

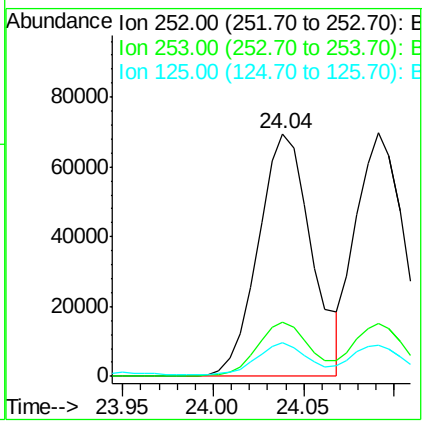




#88
Benzo(b)fluoranthene
Concen: 3.21 ng/ul
RT: 24.04 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:252 Resp: 142542

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	13.8	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
MDL-02-W

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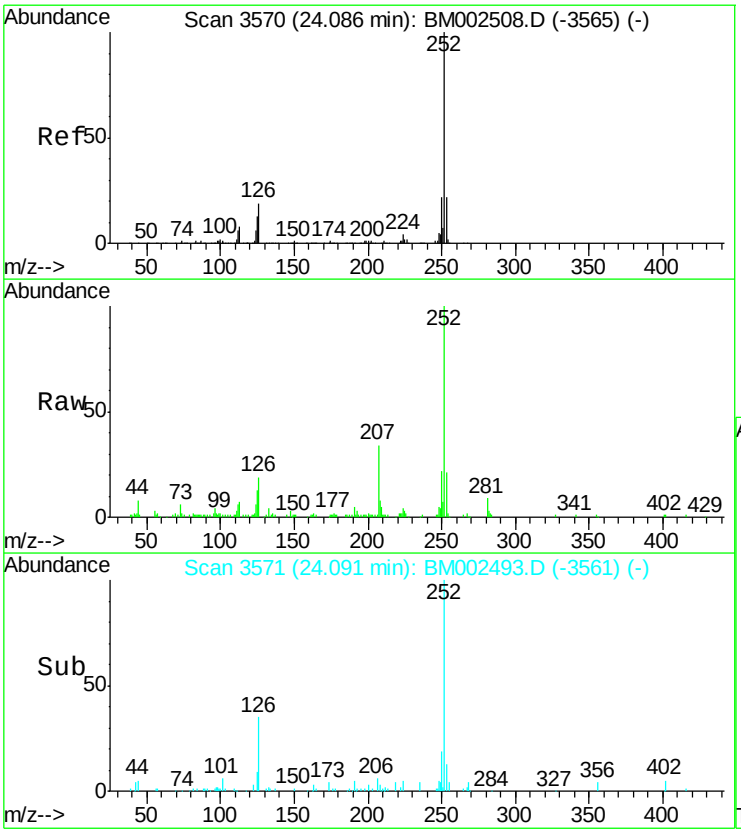
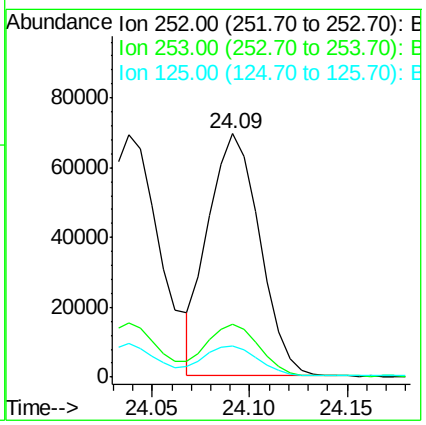
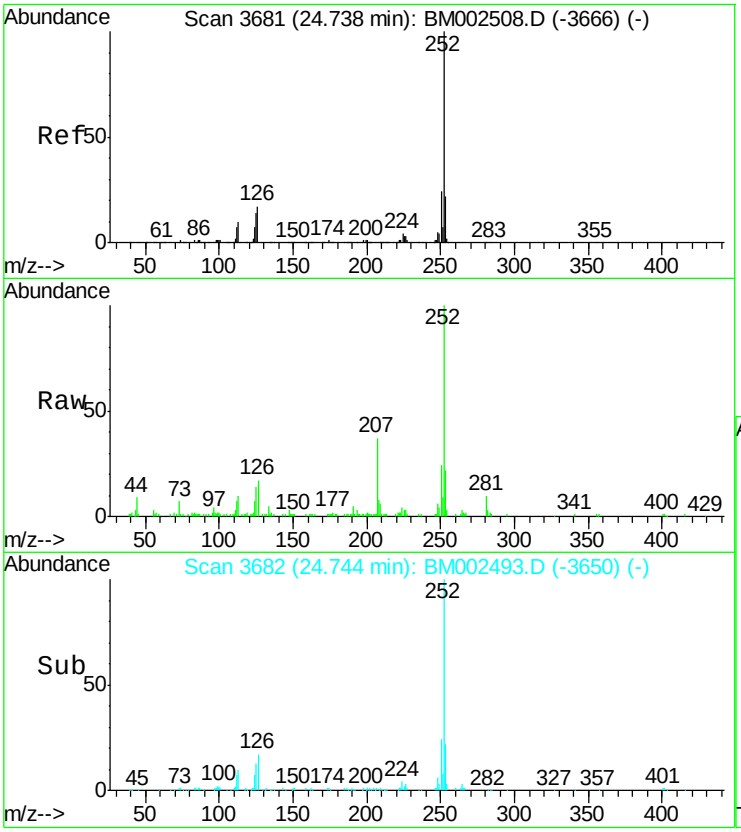


#89
Benzo(k)fluoranthene
Concen: 2.99 ng/ul
RT: 24.09 min Scan# 3571
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:252 Resp: 127385

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	13.0	10.2	15.4

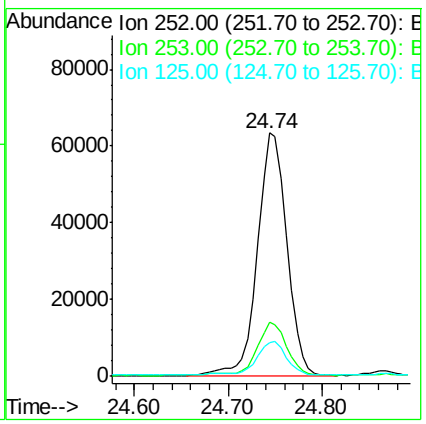




#91
Benzo(a)pyrene
Concen: 3.26 ng/ul
RT: 24.74 min Scan# 3682
Delta R.T. -0.01 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:252 Resp: 138418

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	13.8	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
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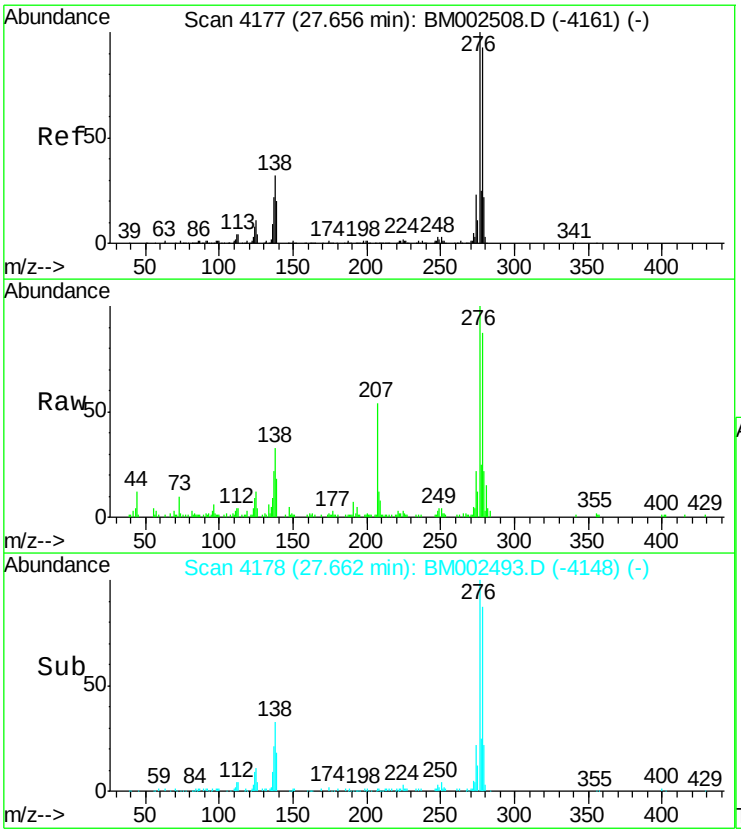
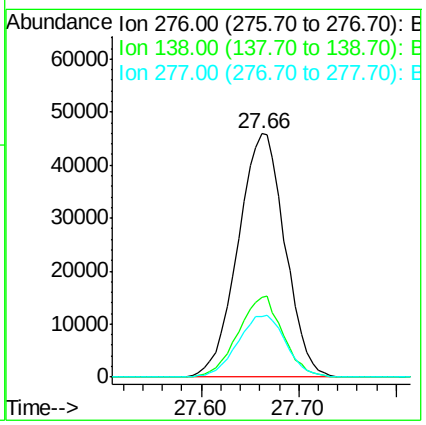
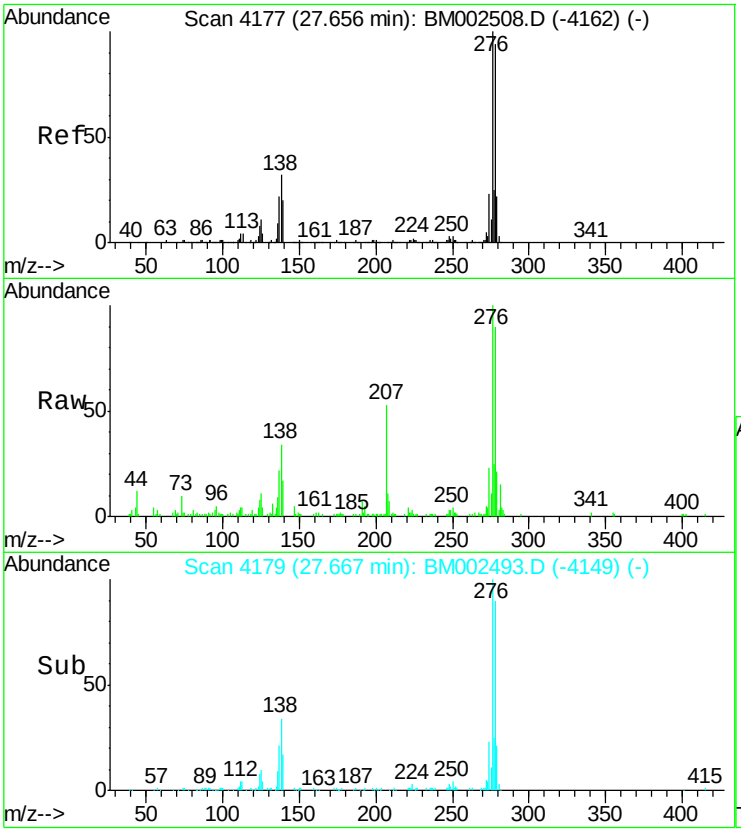


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.17 ng/ul
RT: 27.66 min Scan# 4178
Delta R.T. -0.02 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:276 Resp: 154263

Ion	Ratio	Lower	Upper
276	100		
138	32.9	25.6	38.4
277	25.1	21.0	31.4

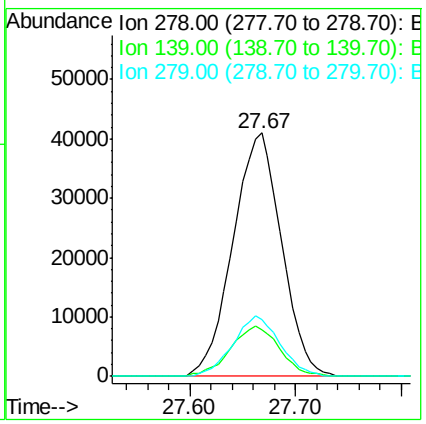




#93
Dibenzo(a,h)anthracene
Concen: 3.17 ng/ul
RT: 27.67 min Scan# 4179
Delta R.T. -0.02 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:278 Resp: 130511

Ion	Ratio	Lower	Upper
278	100		
139	19.2	16.4	24.6
279	23.2	18.8	28.2



Instrument :
BNA_M
ClientSampleId :
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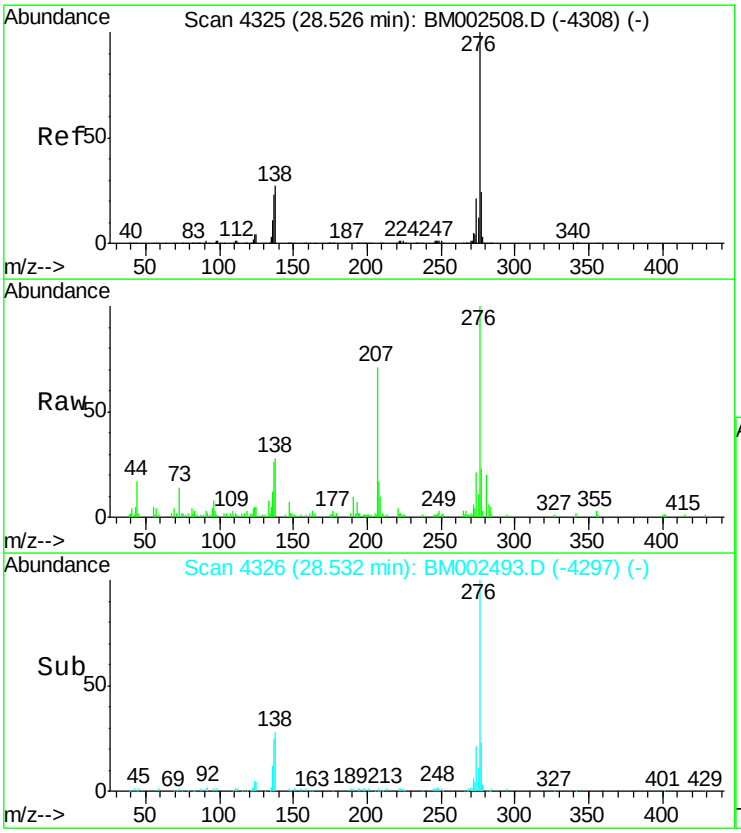

#94
Benzo(g,h,i)perylene
Concen: 3.14 ng/ul
RT: 28.53 min Scan# 4326
Delta R.T. -0.03 min
Lab File: BM002493.D
Acq: 19 Aug 2015 16:23

Tgt Ion:276 Resp: 128914

Ion	Ratio	Lower	Upper
276	100		
138	27.6	20.5	30.7
277	23.2	19.0	28.6