Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121115\
Data File : BM003498.D
Acq On : 12 Dec 2015 00:54
Operator : UM/IZ
Sample : G4734-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4KX7

Quant Time: Dec 12 02:18:30 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM120115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 12 00:54:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1751	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	8841	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	4948	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	9148	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	8641	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	9858	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	3538	100.40	ng/uL	0.00
5) Phenol-d5	6.89	99	73004	522.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	114980	1490.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	155746	1347.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	116396	992.52	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	84732	1405.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	92600	1468.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	160929	1287.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	17310	122.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	490767	1319.29	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	600008	1312.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	18719	280.74	ng/ul	0.00
58) Fluorene-d10	15.36	176	415906	1299.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	50666	1082.52	ng/ul	0.00
71) Anthracene-d10	17.22	188	578113	1422.41	ng/ul	0.00
79) Pyrene-d10	19.52	212	598367	1414.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	558013	1173.22	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.92	94	27972	189.52	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	614	5.39	ng/ul#	78
12) 2,2'-oxybis(1-Chloropropan	8.42	45	405	3.56	ng/ul#	60
15) N-Nitroso-di-n-propylamine	8.42	70	2697	31.81	ng/ul#	1
16) 4-Methylphenol	8.48	108	1647	12.94	ng/ul	92
21) Isophorone	9.59	82	7090	27.25	ng/ul#	68
28) Naphthalene	10.56	128	2499402	5598.85	ng/ul	99
34) 2-Methylnaphthalene	12.17	142	3971	12.18	ng/ul	96
35) 1-Methylnaphthalene	12.40	142	1588	5.15	ng/ul#	80
39) 2,4,6-Trichlorophenol	12.87	196	229	2.36	ng/ul#	12
40) 2,4,5-Trichlorophenol	12.87	196	229	2.13	ng/ul#	11
46) 2,6-Dinitrotoluene	13.78	165	2669	38.02	ng/ul#	32
50) Acenaphthene	14.43	153	1554	4.66	ng/ul	94
54) Dibenzofuran	14.77	168	1774	3.75	ng/ul	93
57) Diethylphthalate	15.19	149	493	1.33	ng/ul#	59
59) Fluorene	15.42	166	2456	6.70	ng/ul#	81
70) Phenanthrene	17.16	178	7483	14.86	ng/ul	96
72) Anthracene	17.16	178	7483	14.74	ng/ul	97
75) Carbazole	17.52	167	2322	5.29	ng/ul#	83
77) Fluoranthene	19.18	202	1200	2.36	ng/ul#	73
80) Pyrene	19.54	202	671	1.20	ng/ul#	69
84) Bis(2-ethylhexyl)phthalate	21.23	149	3184	12.56	ng/ul#	92
91) Benzo(a)pyrene	23.42	252	1576	2.82	ng/ul#	38

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121115\
Data File : BM003498.D
Acq On : 12 Dec 2015 00:54
Operator : UM/IZ
Sample : G4734-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4KX7

Quant Time: Dec 12 02:18:30 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM120115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 12 00:54:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

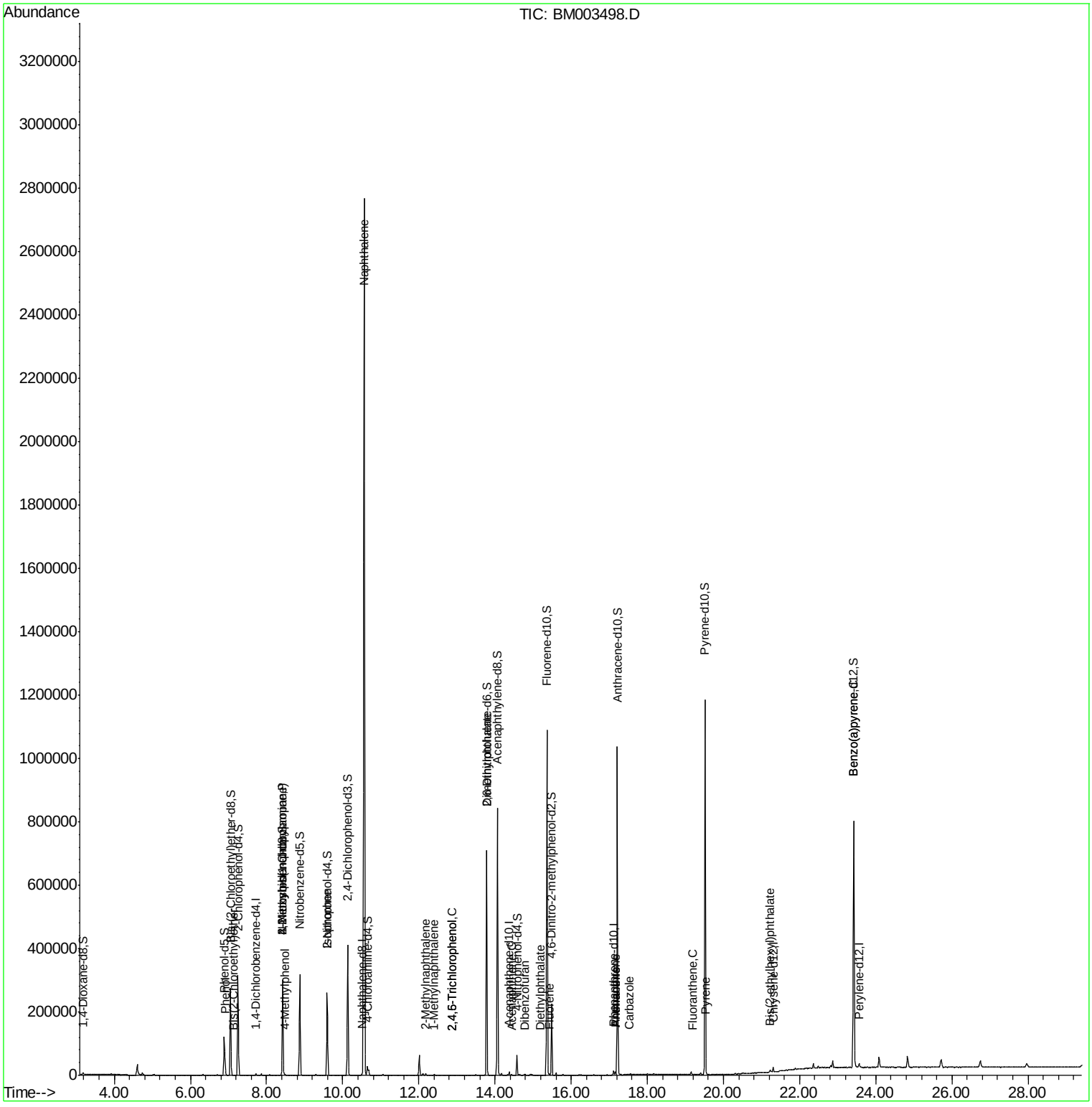
(#) = qualifier out of range (m) = manual integration (+) = signals summed

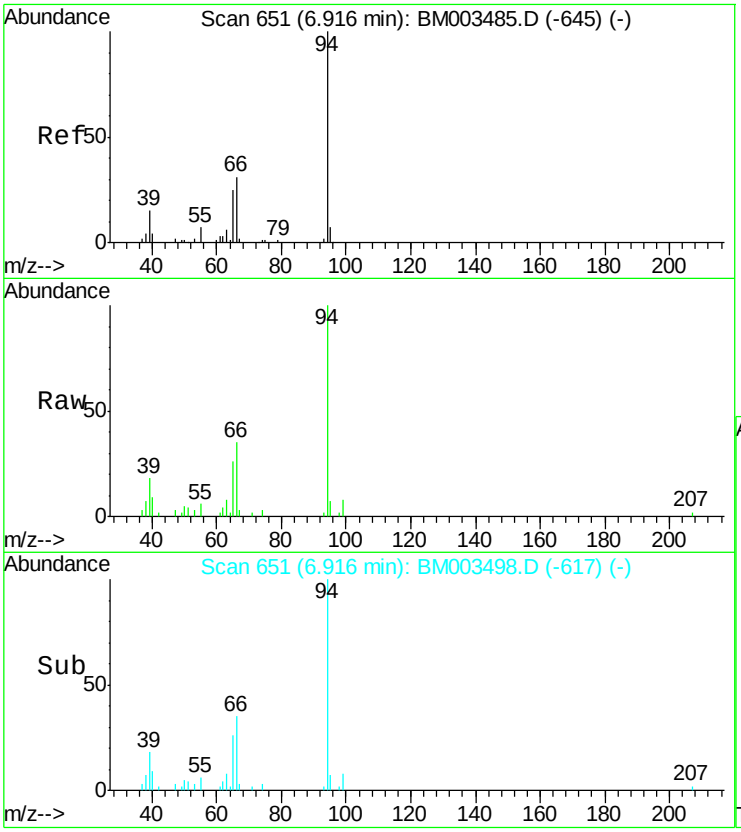
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121115\
Data File : BM003498.D
Acq On : 12 Dec 2015 00:54
Operator : UM/IZ
Sample : G4734-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4KX7

Quant Time: Dec 12 02:18:30 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM120115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 12 00:54:45 2015
Response via : Initial Calibration



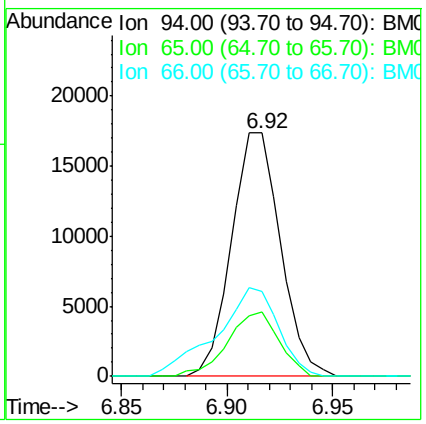


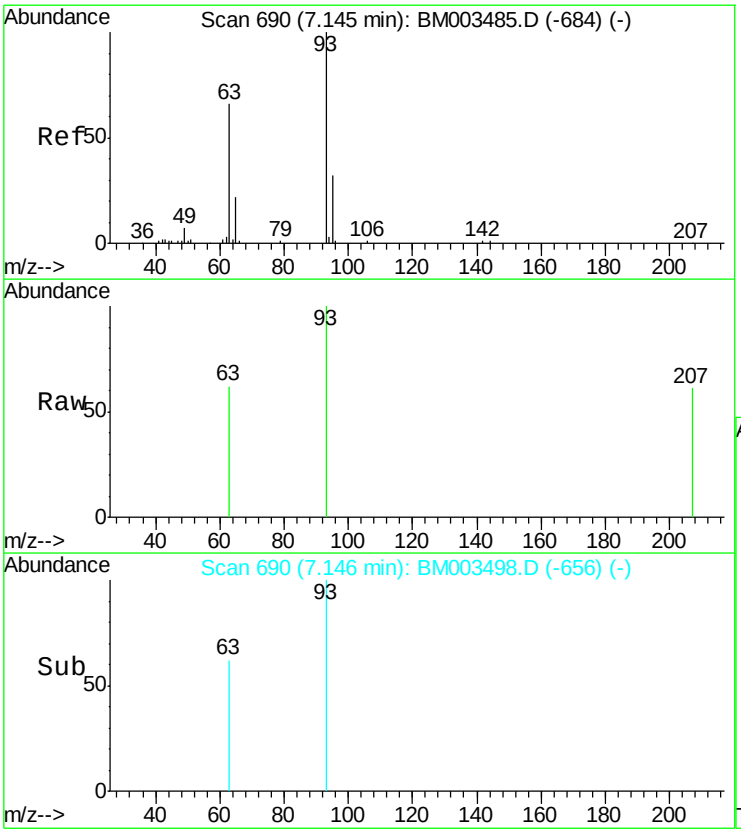
#6
Phenol
Concen: 189.52 ng/ul
RT: 6.92 min Scan# 651
Delta R.T. 0.00 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Instrument :
BNA_M
ClientSampleId :
A4KX7

Tgt Ion: 94 Resp: 27972

Ion	Ratio	Lower	Upper
94	100		
65	26.4	20.6	30.8
66	34.7	27.4	41.0

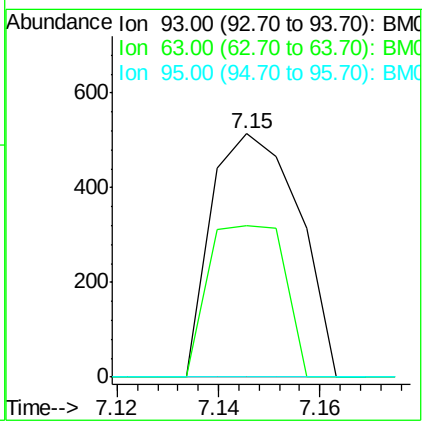


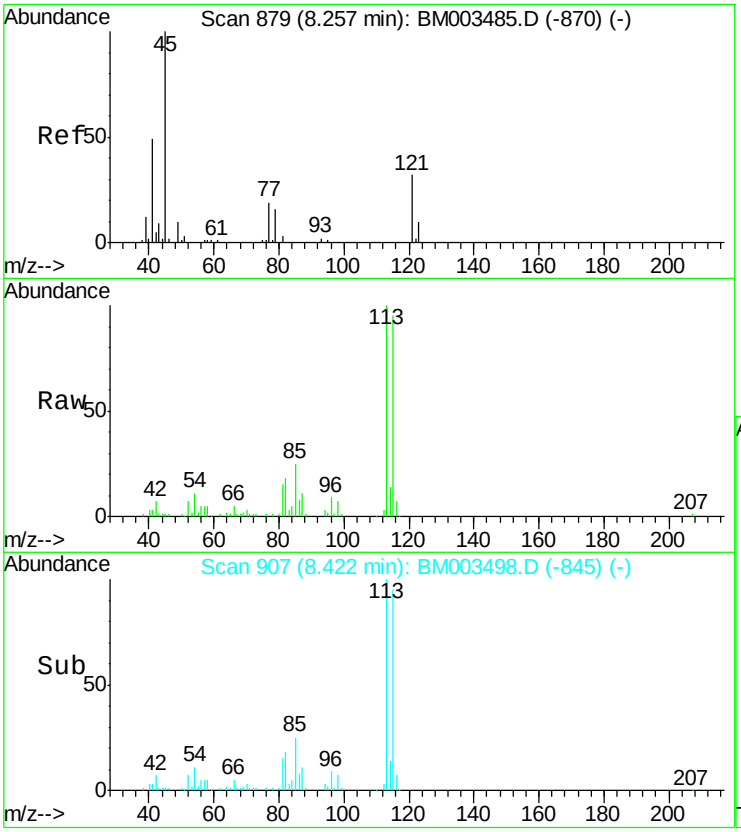


#8
Bis(2-Chloroethyl)ether
Concen: 5.39 ng/ul
RT: 7.15 min Scan# 690
Delta R.T. 0.00 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Tgt Ion: 93 Resp: 614

Ion	Ratio	Lower	Upper
93	100		
63	62.5	52.9	79.3
95	0.0	26.1	39.1#



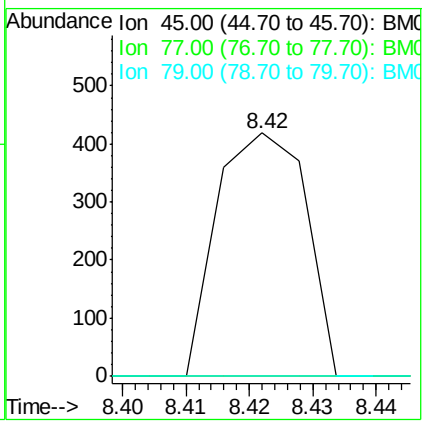


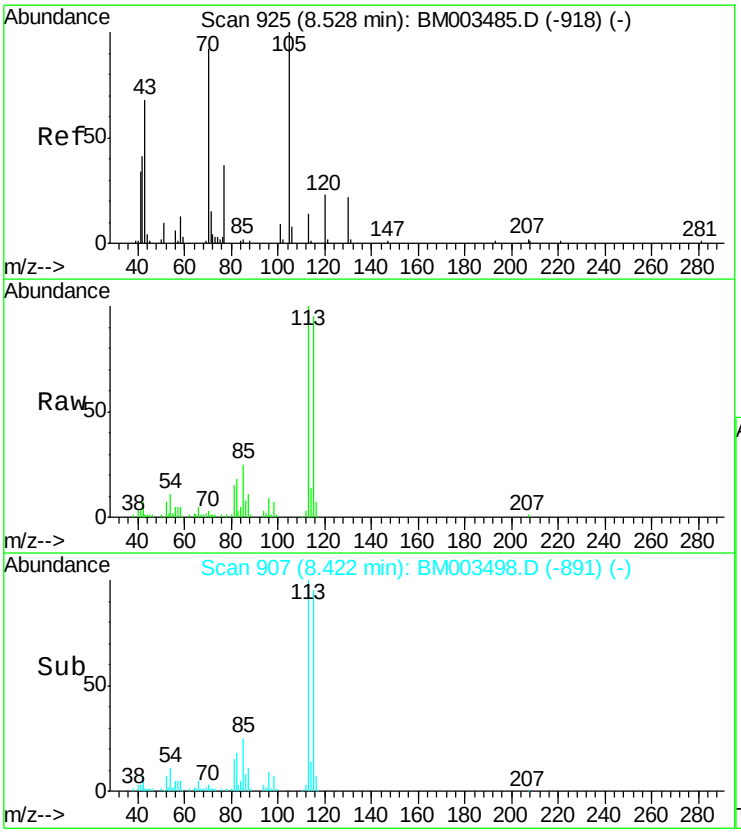
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.56 ng/ul
RT: 8.42 min Scan# 907
Delta R.T. 0.16 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Instrument :
BNA_M
ClientSampleId :
A4KX7

Tgt Ion: 45 Resp: 405

Ion	Ratio	Lower	Upper
45	100		
77	0.0	15.2	22.8#
79	0.0	12.3	18.5#

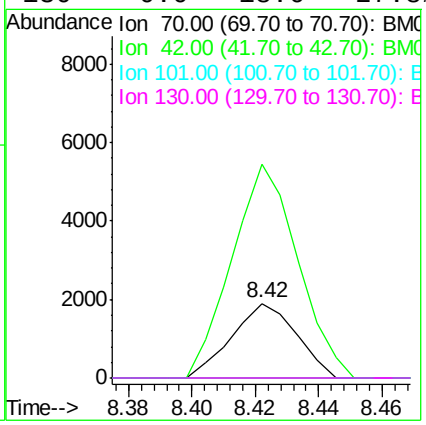


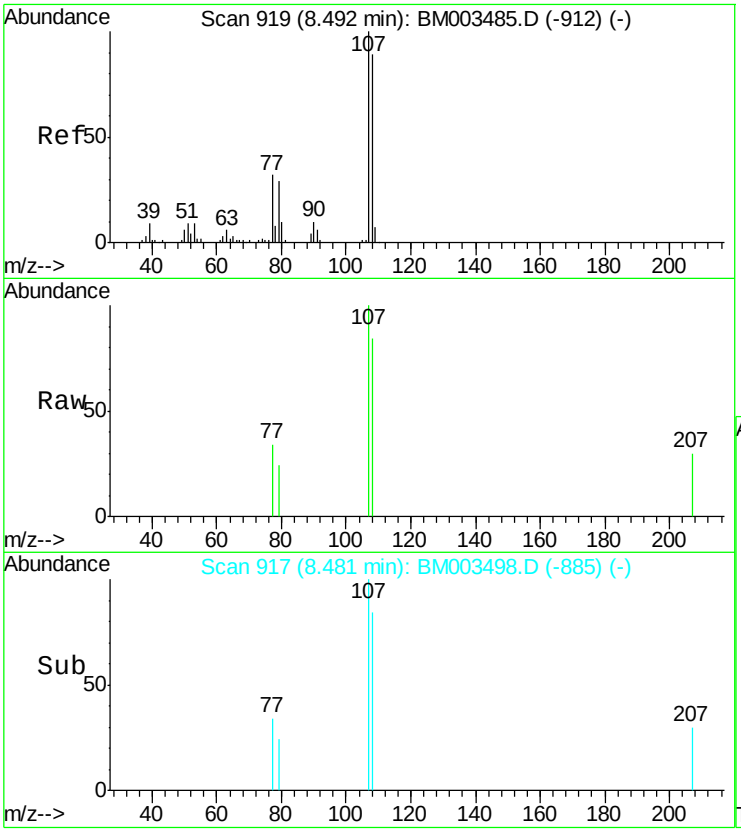


#15
N-Nitroso-di-n-propylamine
Concen: 31.81 ng/ul
RT: 8.42 min Scan# 907
Delta R.T. -0.11 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Tgt Ion: 70 Resp: 2697

Ion	Ratio	Lower	Upper
70	100		
42	286.7	35.0	52.6#
101	0.0	8.6	13.0#
130	0.0	18.6	27.8#



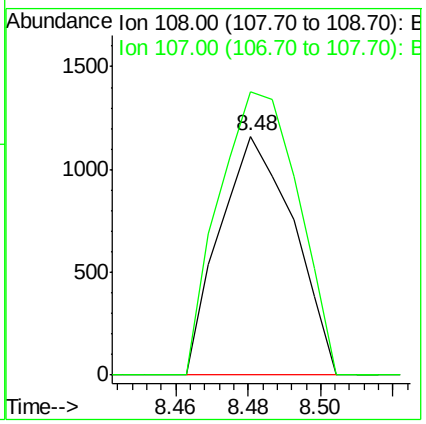


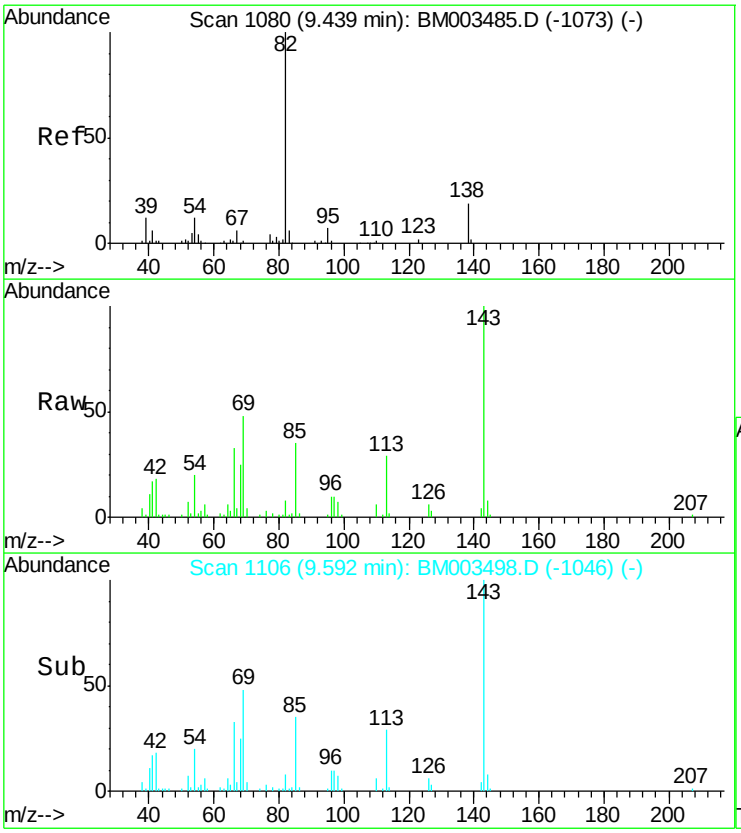
#16
4-Methylphenol
Concen: 12.94 ng/ul
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Instrument :
BNA_M
ClientSampleId :
A4KX7

Tgt Ion:108 Resp: 1647

Ion	Ratio	Lower	Upper
108	100		
107	118.6	88.2	132.4

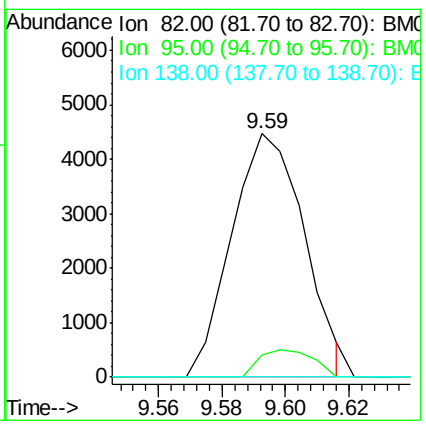


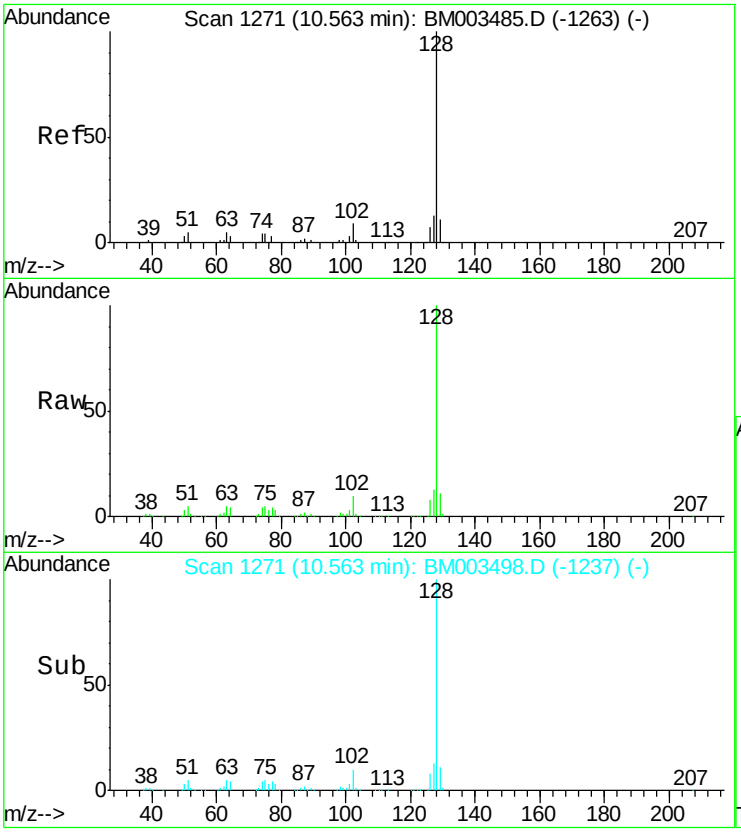


#21
Isophorone
Concen: 27.25 ng/ul
RT: 9.59 min Scan# 1106
Delta R.T. 0.15 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Tgt Ion: 82 Resp: 7090

Ion	Ratio	Lower	Upper
82	100		
95	8.9	5.8	8.8#
138	0.0	15.5	23.3#



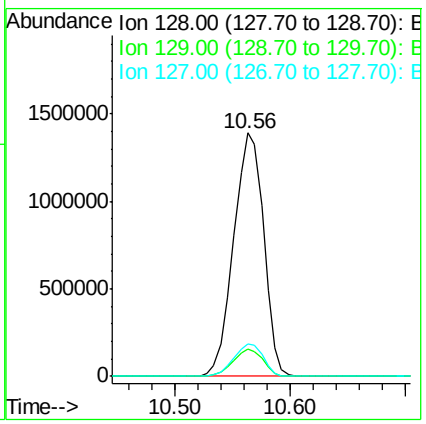


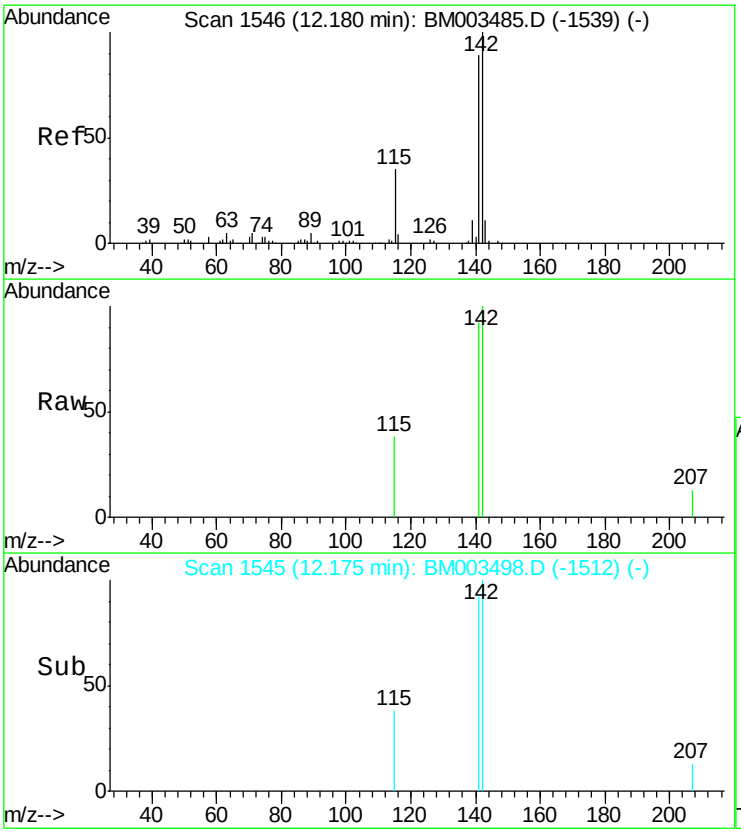
#28
Naphthalene
Concen: 5598.85 ng/ul
RT: 10.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Instrument :
BNA_M
ClientSampleId :
A4KX7

Tgt Ion:128 Resp: 2499402

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.3	10.3	15.5

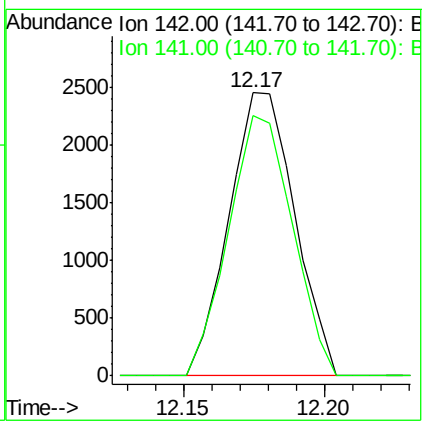


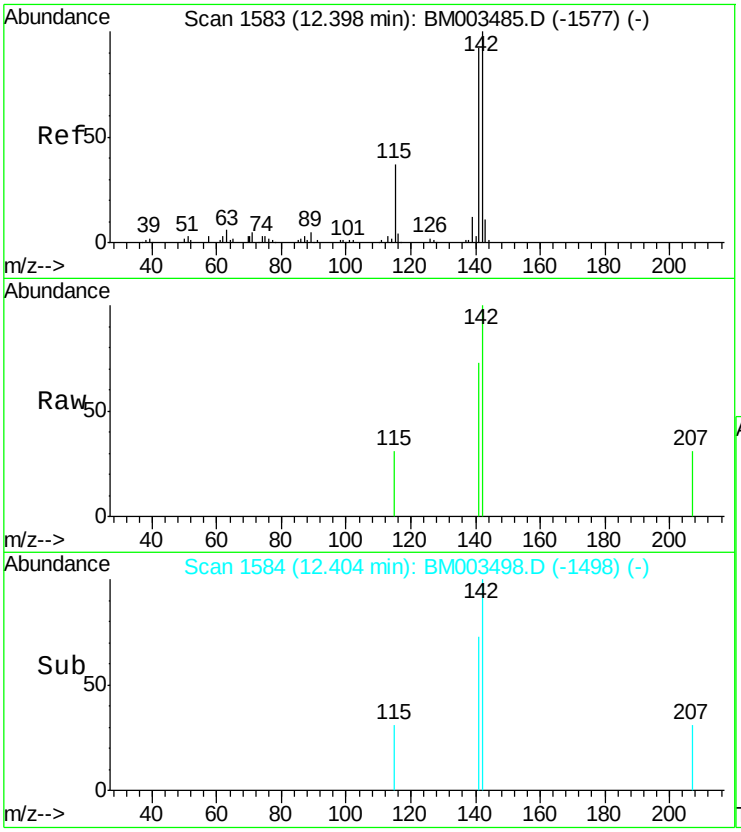


#34
2-Methylnaphthalene
Concen: 12.18 ng/ul
RT: 12.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Tgt Ion:142 Resp: 3971

Ion	Ratio	Lower	Upper
142	100		
141	92.0	70.5	105.7



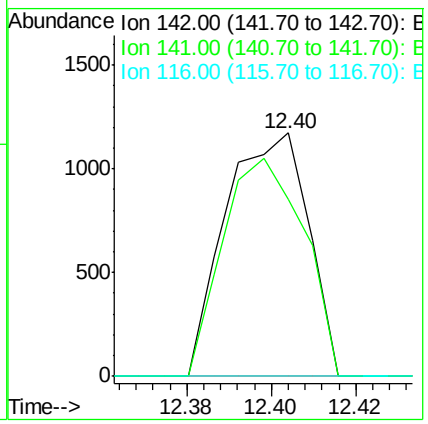


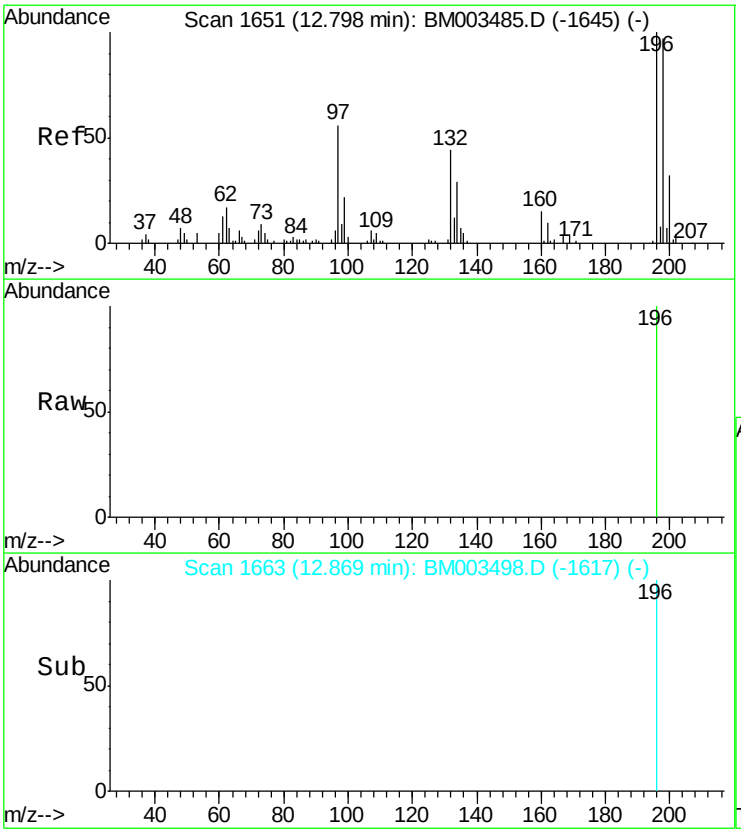
#35
1-Methylnaphthalene
Concen: 5.15 ng/ul
RT: 12.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Instrument :
BNA_M
ClientSampleId :
A4KX7

Tgt Ion:142 Resp: 1588

Ion	Ratio	Lower	Upper
142	100		
141	72.5	73.2	109.8#
116	0.0	3.0	4.6#

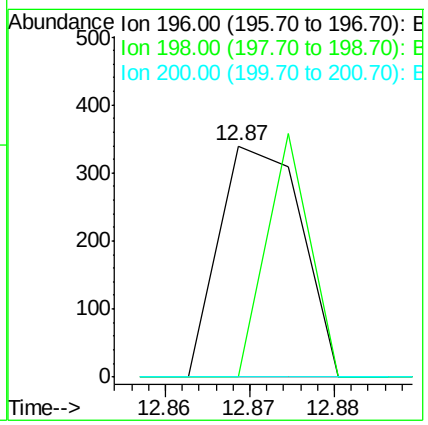


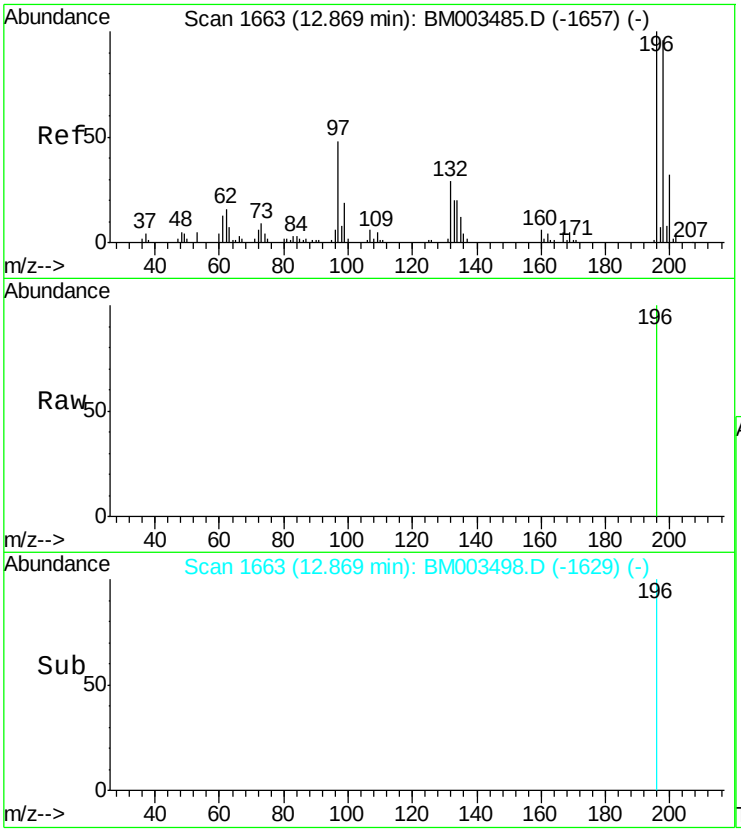


#39
2,4,6-Trichlorophenol
Concen: 2.36 ng/ul
RT: 12.87 min Scan# 1663
Delta R.T. 0.07 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Tgt Ion:196 Resp: 229

Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.1	114.1#
200	0.0	24.3	36.5#



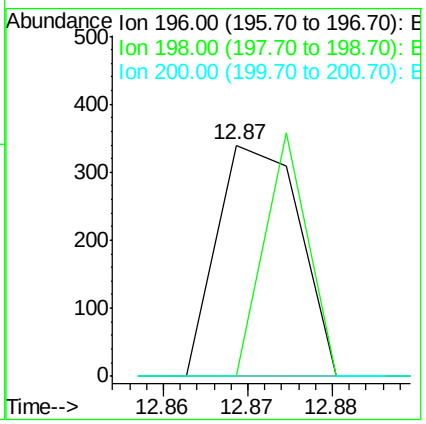


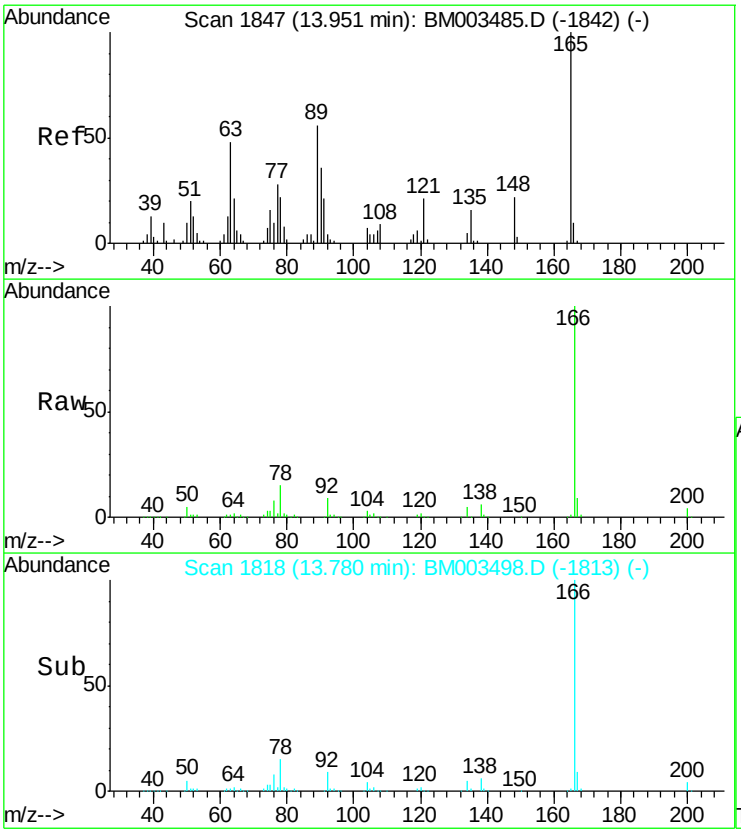
#40
2,4,5-Trichlorophenol
Concen: 2.13 ng/ul
RT: 12.87 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Instrument :
BNA_M
ClientSampleId :
A4KX7

Tgt Ion:196 Resp: 229

Ion	Ratio	Lower	Upper
196	100		
198	0.0	77.8	116.8#
200	0.0	24.8	37.2#

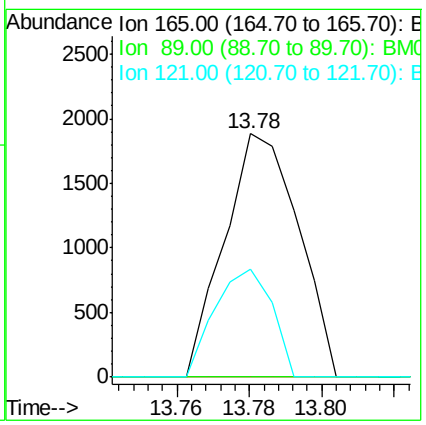


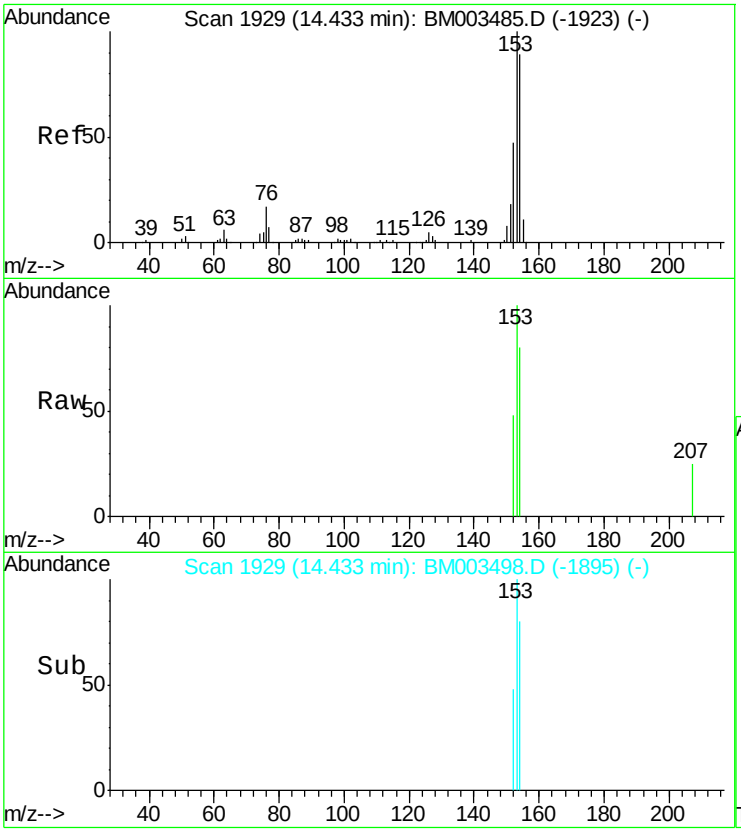


#46
2,6-Dinitrotoluene
Concen: 38.02 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.17 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Tgt Ion:165 Resp: 2669

Ion	Ratio	Lower	Upper
165	100		
89	0.0	42.0	63.0#
121	44.3	16.6	24.8#



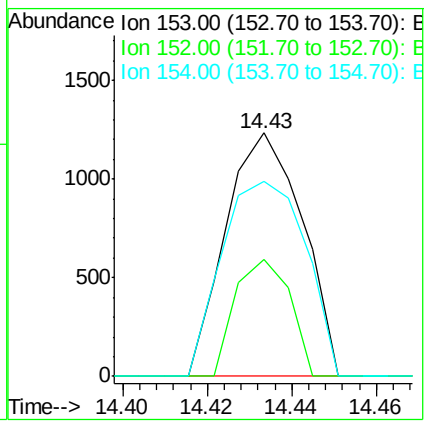


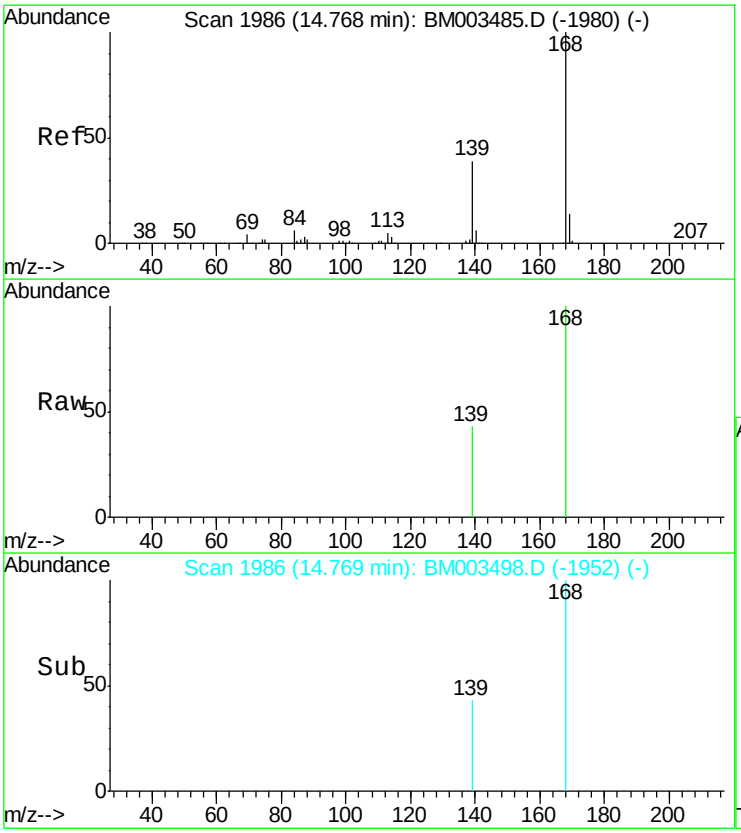
#50
Acenaphthene
Concen: 4.66 ng/ul
RT: 14.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Instrument :
BNA_M
ClientSampleId :
A4KX7

Tgt Ion:153 Resp: 1554

Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.8	56.6
154	80.1	70.8	106.2

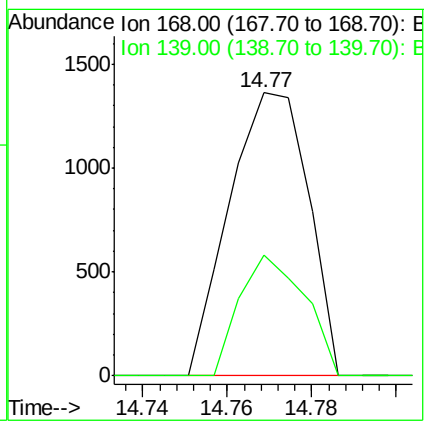


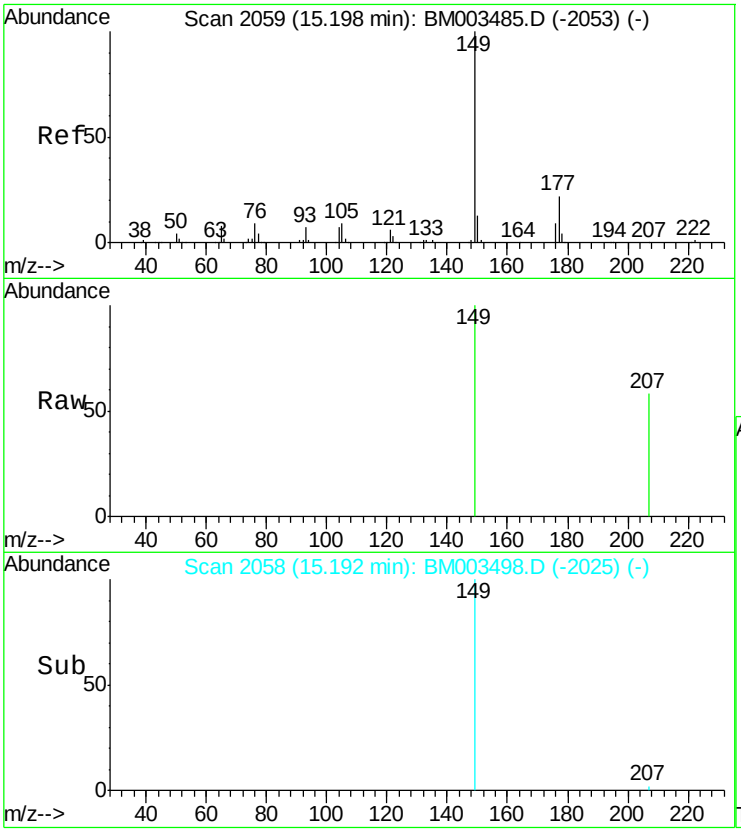


#54
Dibenzofuran
Concen: 3.75 ng/ul
RT: 14.77 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Tgt Ion:168 Resp: 1774

Ion	Ratio	Lower	Upper
168	100		
139	42.7	30.6	45.8



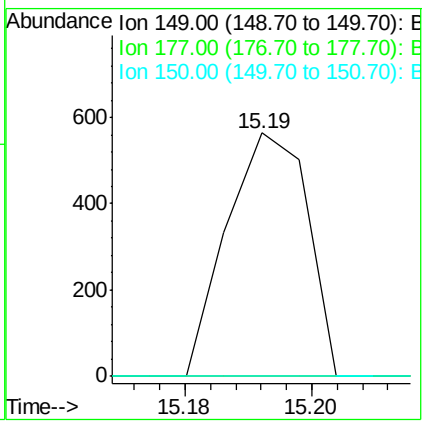


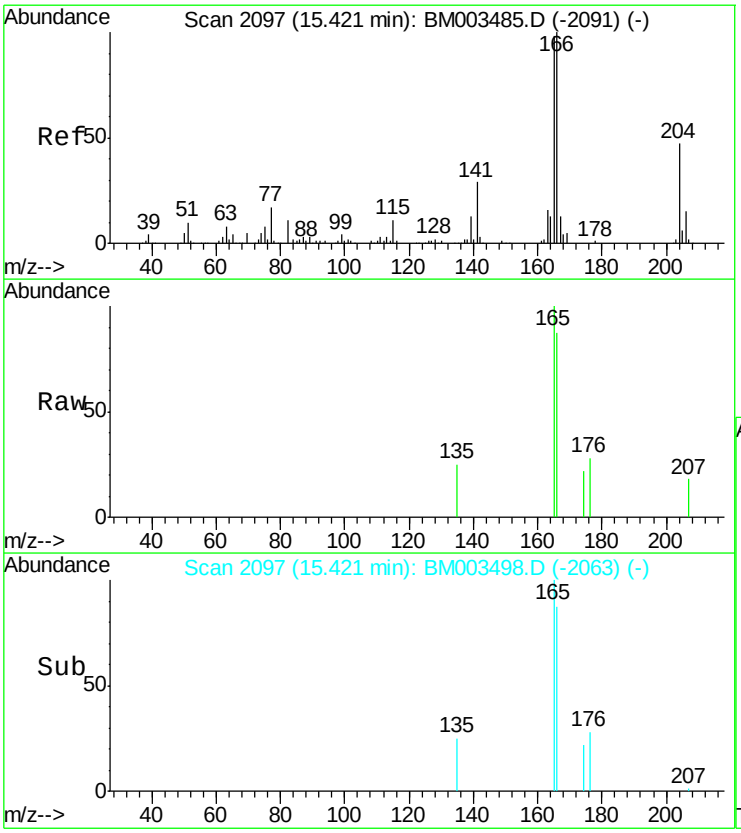
#57
Diethylphthalate
Concen: 1.33 ng/ul
RT: 15.19 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Instrument :
BNA_M
ClientSampleId :
A4KX7

Tgt Ion:149 Resp: 493

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.8	26.6#
150	0.0	9.9	14.9#

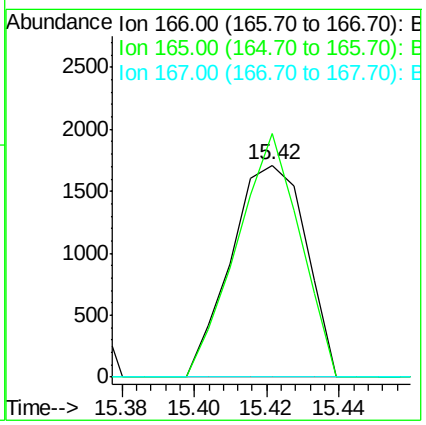


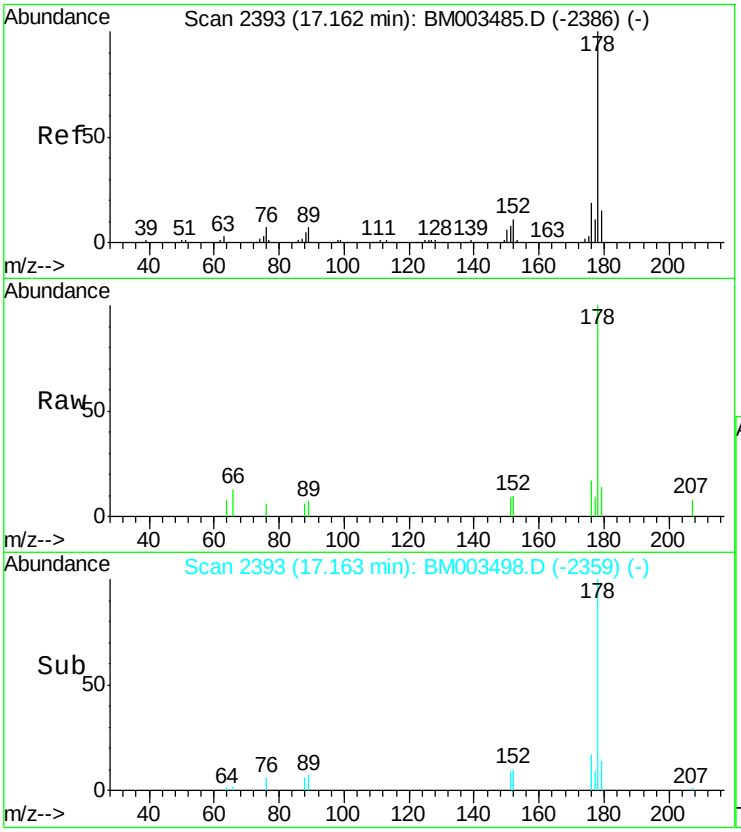


#59
Fluorene
Concen: 6.70 ng/ul
RT: 15.42 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Tgt Ion:166 Resp: 2456

Ion	Ratio	Lower	Upper
166	100		
165	115.0	78.8	118.2
167	0.0	10.8	16.2#



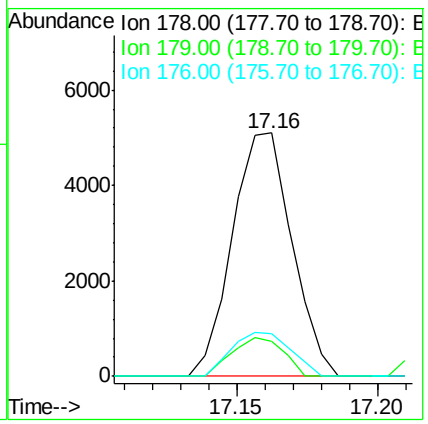


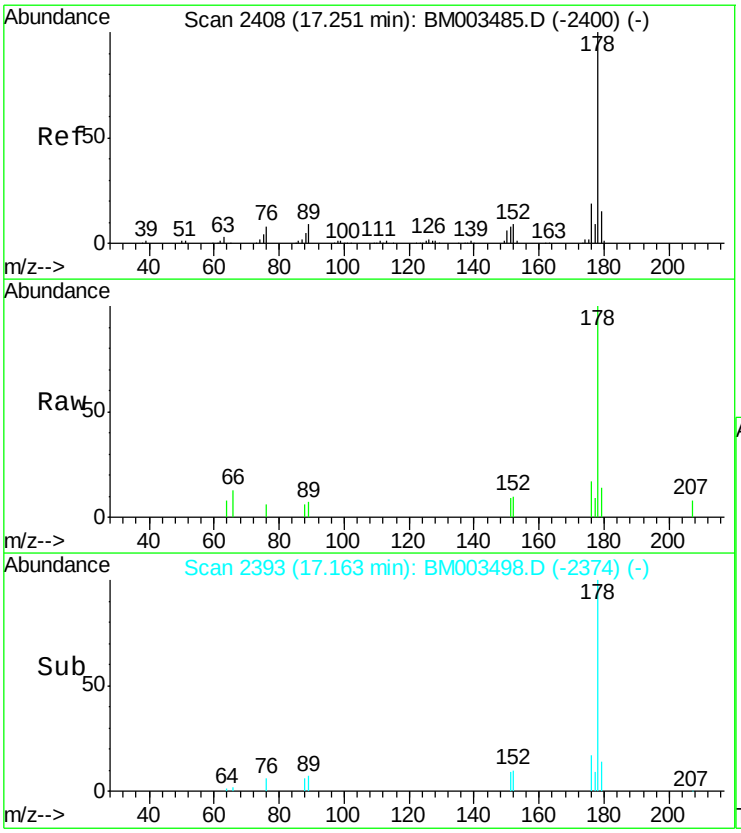
#70
Phenanthrene
Concen: 14.86 ng/ul
RT: 17.16 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Instrument :
BNA_M
ClientSampleId :
A4KX7

Tgt Ion:178 Resp: 7483

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.2	18.2
176	17.3	15.6	23.4

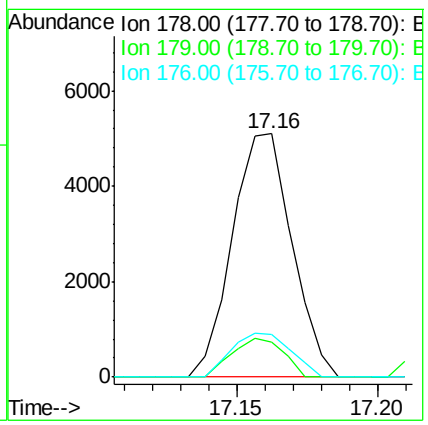


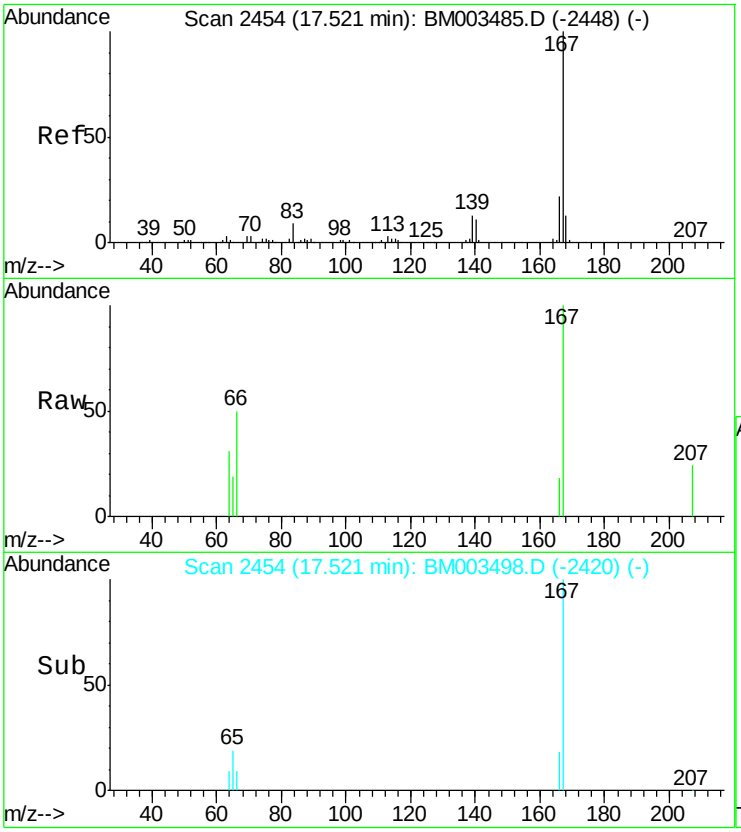


#72
Anthracene
Concen: 14.74 ng/ul
RT: 17.16 min Scan# 2393
Delta R.T. -0.09 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Tgt Ion:178 Resp: 7483

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.2	18.4
176	17.3	14.9	22.3



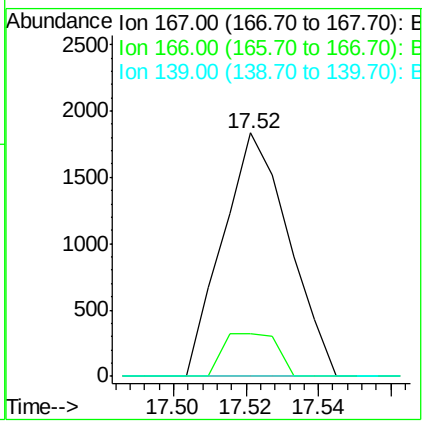


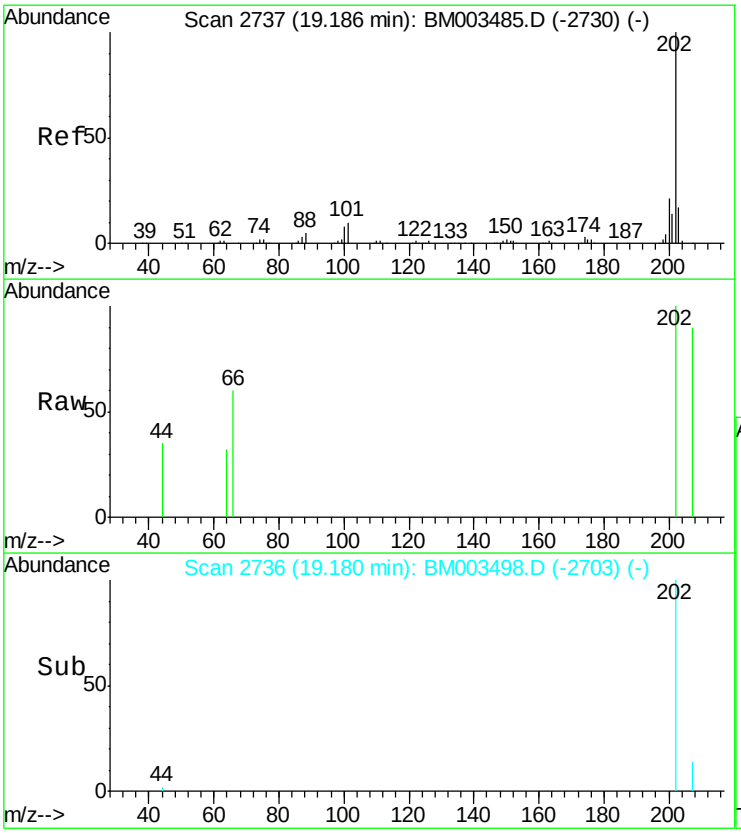
#75
Carbazole
Concen: 5.29 ng/ul
RT: 17.52 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Instrument :
BNA_M
ClientSampleId :
A4KX7

Tgt Ion:167 Resp: 2322

Ion	Ratio	Lower	Upper
167	100		
166	17.7	16.8	25.2
139	0.0	10.6	16.0#

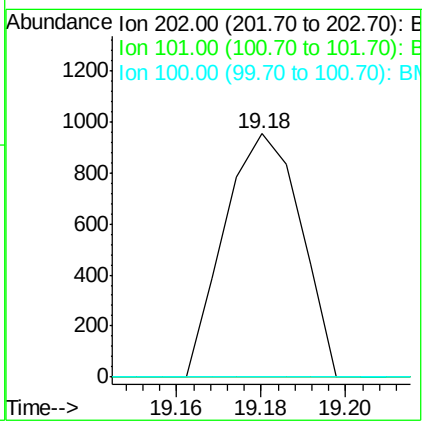


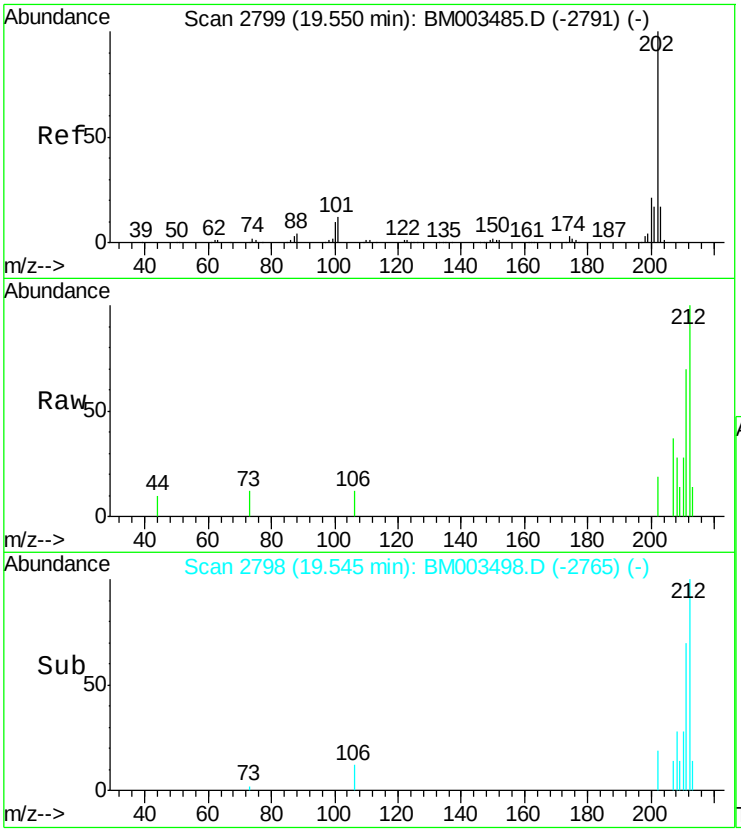


#77
Fluoranthene
Concen: 2.36 ng/ul
RT: 19.18 min Scan# 2736
Delta R.T. -0.01 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Tgt Ion:202 Resp: 1200

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.2	13.8#
100	0.0	7.0	10.4#



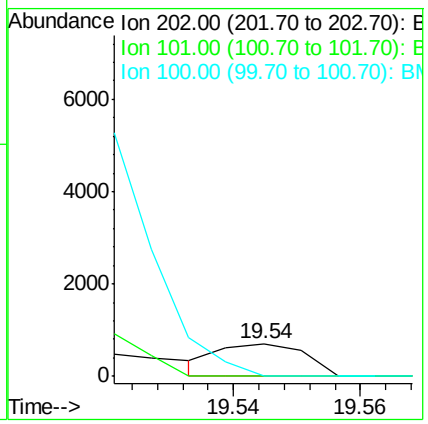


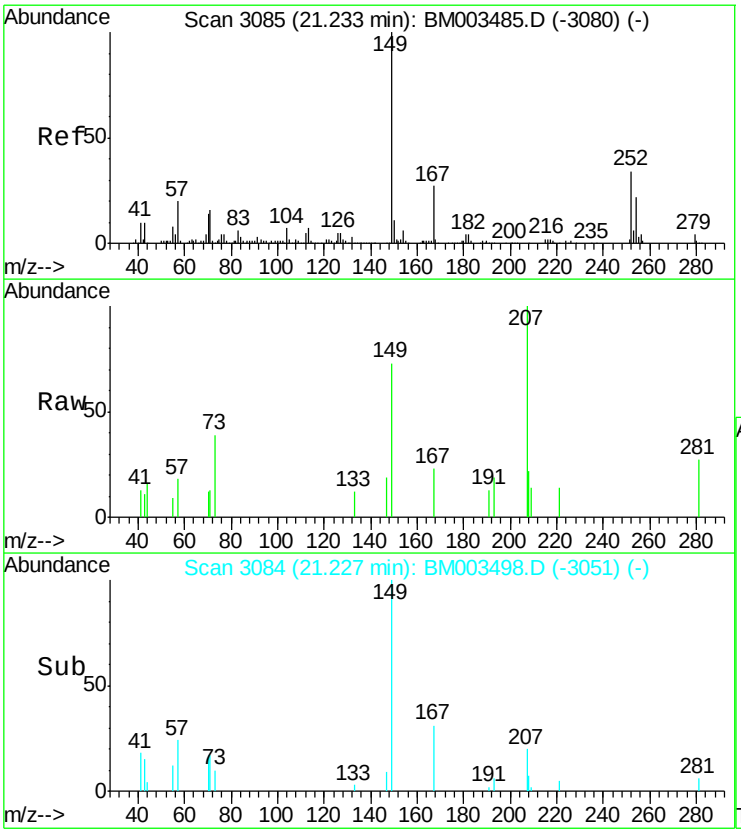
#80
Pyrene
Concen: 1.20 ng/ul
RT: 19.54 min Scan# 2798
Delta R.T. -0.01 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Instrument :
BNA_M
ClientSampleId :
A4KX7

Tgt Ion:202 Resp: 671

Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.6	16.0#
100	0.0	8.5	12.7#

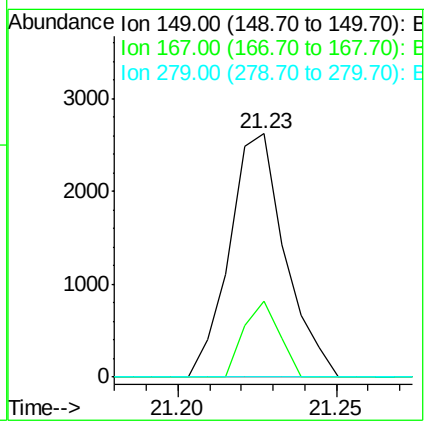


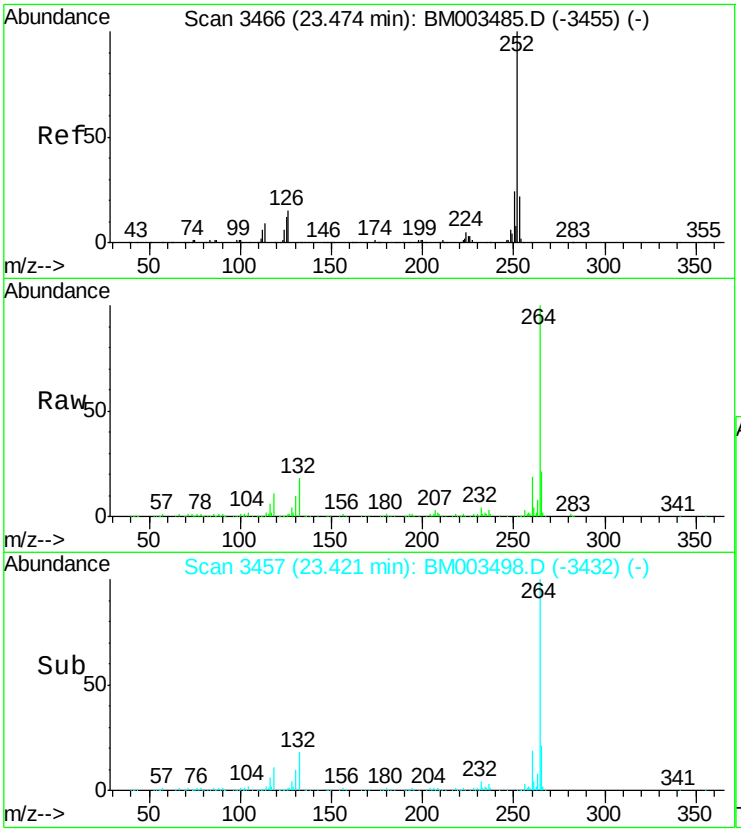


#84
Bis(2-ethylhexyl)phthalate
Concen: 12.56 ng/ul
RT: 21.23 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Tgt Ion:149 Resp: 3184

Ion	Ratio	Lower	Upper
149	100		
167	31.2	21.6	32.4
279	0.0	2.9	4.3#





#91
Benzo(a)pyrene
Concen: 2.82 ng/ul
RT: 23.42 min Scan# 3457
Delta R.T. -0.05 min
Lab File: BM003498.D
Acq: 12 Dec 2015 00:54

Instrument :
BNA_M
ClientSampleId :
A4KX7

Tgt Ion:252 Resp: 1576

Ion	Ratio	Lower	Upper
252	100		
253	49.4	17.4	26.2#
125	39.8	9.8	14.8#