Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121115\
Data File : BM003499.D
Acq On : 12 Dec 2015 01:30
Operator : UM/IZ
Sample : G4734-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4KX8

Quant Time: Dec 12 02:19:01 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	1831	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	9487	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	5280	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	9847	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	9026	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	8443	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	1897	51.48	ng/uL	0.00
5) Phenol-d5	6.89	99	40041	273.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	109421	1356.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	132833	1099.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	82680	674.22	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	82983	1282.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	89412	1321.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	154377	1150.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	8483	55.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	510011	1284.81	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	621018	1272.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	9687	136.15	ng/ul	0.00
58) Fluorene-d10	15.36	176	436840	1278.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	53442	1060.78	ng/ul	0.00
71) Anthracene-d10	17.22	188	603230	1378.85	ng/ul	0.00
79) Pyrene-d10	19.52	212	615437	1392.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	557863	1369.47	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.92	94	14995	97.16	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	522	4.39	ng/ul#	71
12) 2,2'-oxybis(1-Chloropropan	8.42	45	249	2.10	ng/ul#	60
15) N-Nitroso-di-n-propylamine	8.42	70	1727	19.48	ng/ul#	1
16) 4-Methylphenol	8.48	108	982	7.38	ng/ul	94
20) Nitrobenzene	8.87	77	375	2.51	ng/ul#	37
21) Isophorone	9.60	82	6860	24.57	ng/ul#	66
28) Naphthalene	10.56	128	2577501	5380.64	ng/ul	99
34) 2-Methylnaphthalene	12.18	142	4042	11.55	ng/ul	93
35) 1-Methylnaphthalene	12.40	142	1692	5.12	ng/ul#	94
39) 2,4,6-Trichlorophenol	12.87	196	253	2.44	ng/ul#	12
40) 2,4,5-Trichlorophenol	12.87	196	253	2.21	ng/ul#	11
46) 2,6-Dinitrotoluene	13.78	165	2985	39.84	ng/ul#	35
50) Acenaphthene	14.43	153	1553	4.36	ng/ul	89
54) Dibenzofuran	14.77	168	1974	3.91	ng/ul	94
59) Fluorene	15.42	166	2781	7.11	ng/ul#	85
65) N-Nitrosodiphenylamine	15.49	169	387	1.29	ng/ul#	24
70) Phenanthrene	17.16	178	7919	14.61	ng/ul	100
72) Anthracene	17.16	178	7919	14.49	ng/ul	99
75) Carbazole	17.52	167	2430	5.14	ng/ul#	87
77) Fluoranthene	19.18	202	1117	2.04	ng/ul#	73
80) Pyrene	19.54	202	725	1.24	ng/ul#	69
84) Bis(2-ethylhexyl)phthalate	21.23	149	2894	10.93	ng/ul#	96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121115\
Data File : BM003499.D
Acq On : 12 Dec 2015 01:30
Operator : UM/IZ
Sample : G4734-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4KX8

Quant Time: Dec 12 02:19:01 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)
91) Benzo(a)pyrene	23.42	252	1569	3.28	ng/ul#	61

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121115\
Data File : BM003499.D
Acq On : 12 Dec 2015 01:30
Operator : UM/IZ
Sample : G4734-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
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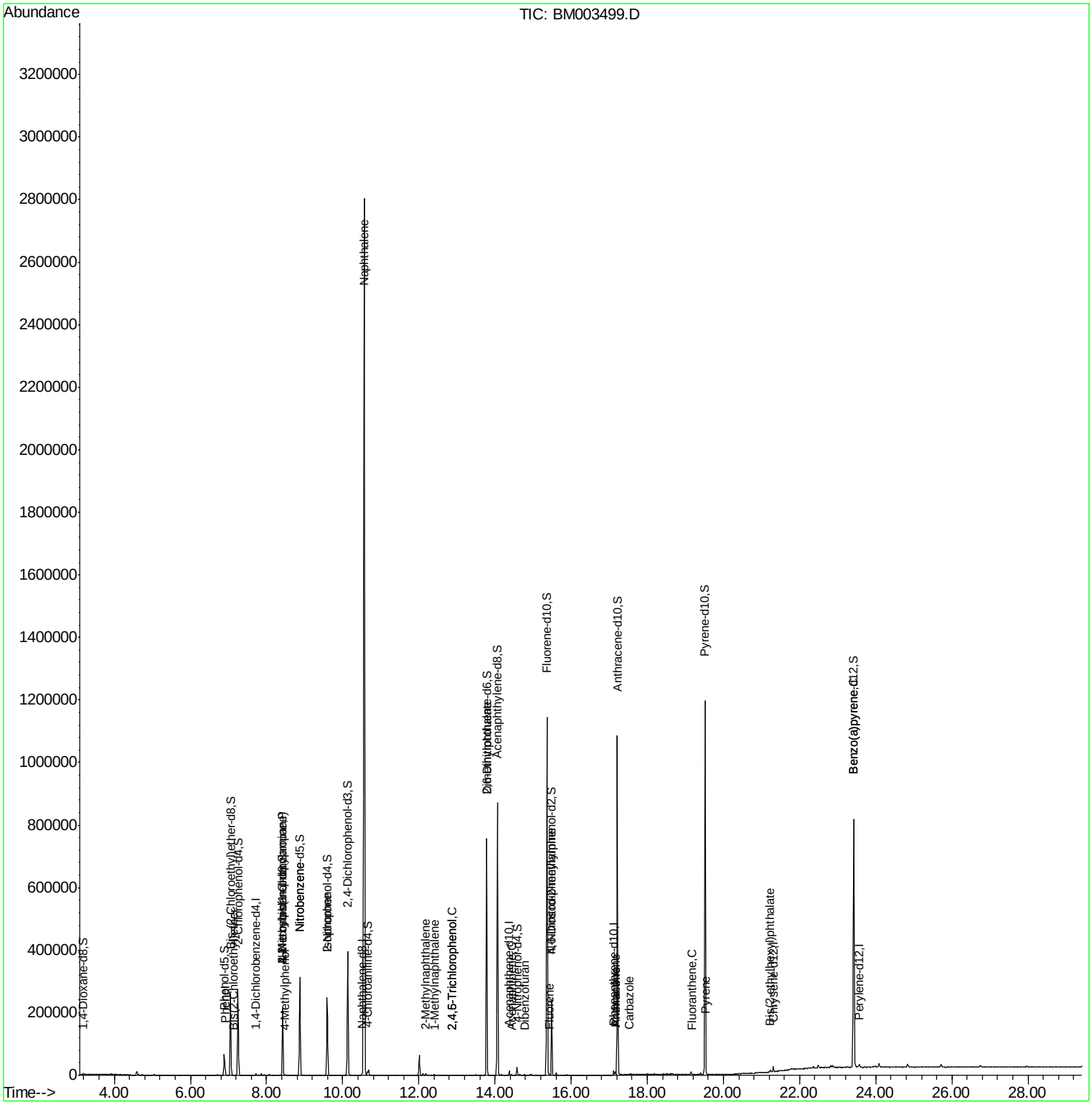
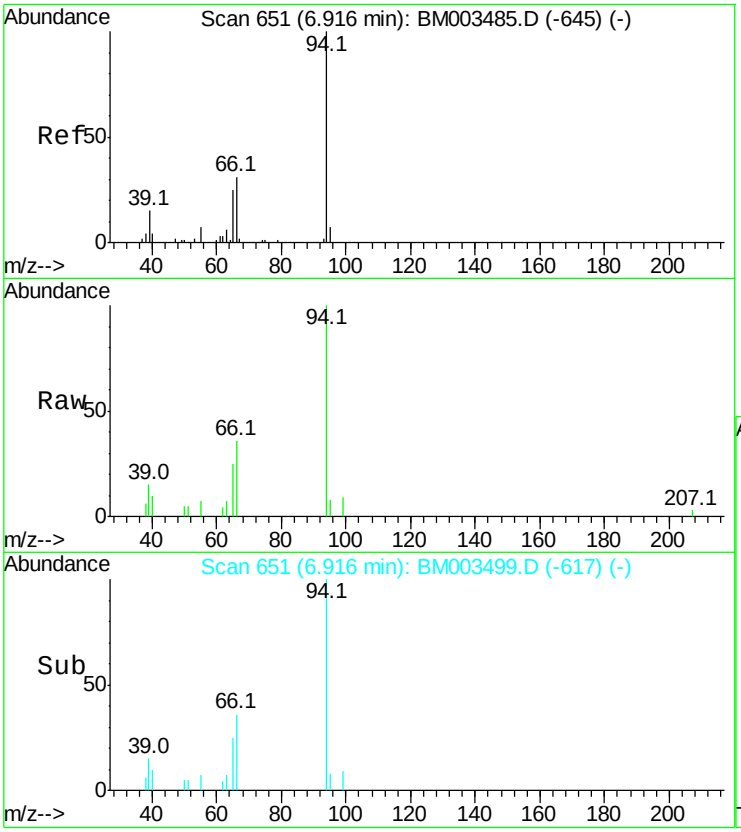
Quant Time: Dec 12 02:19:01 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM120115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 12 00:54:45 2015
Response via : Initial Calibration



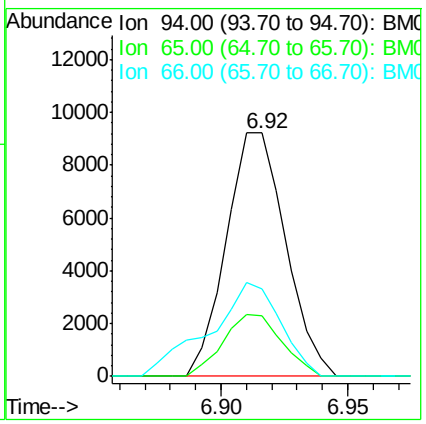


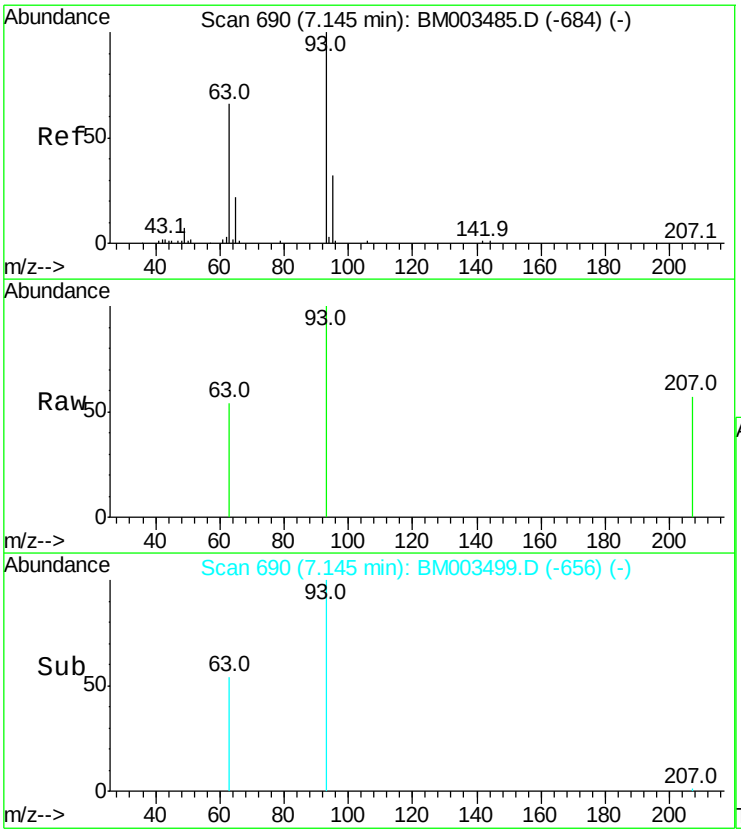
#6
Phenol
Concen: 97.16 ng/ul
RT: 6.92 min Scan# 651
Delta R.T. -0.00 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion: 94 Resp: 14995

Ion	Ratio	Lower	Upper
94	100		
65	25.0	20.6	30.8
66	35.8	27.4	41.0

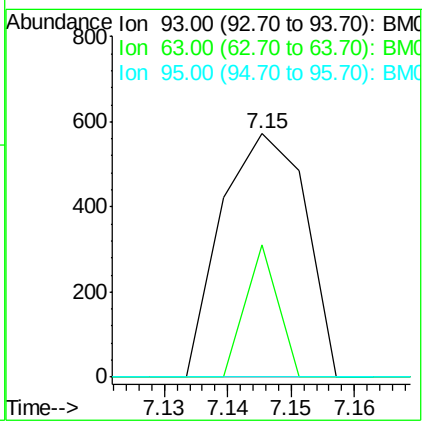


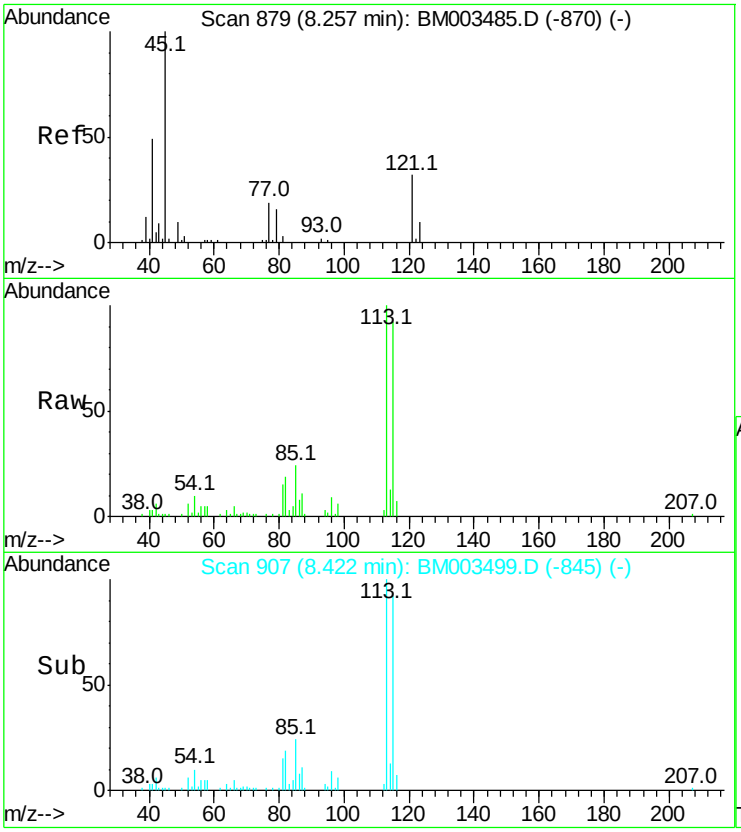


#8
Bis(2-Chloroethyl)ether
Concen: 4.39 ng/ul
RT: 7.15 min Scan# 690
Delta R.T. -0.00 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Tgt Ion: 93 Resp: 522

Ion	Ratio	Lower	Upper
93	100		
63	54.4	52.9	79.3
95	0.0	26.1	39.1#



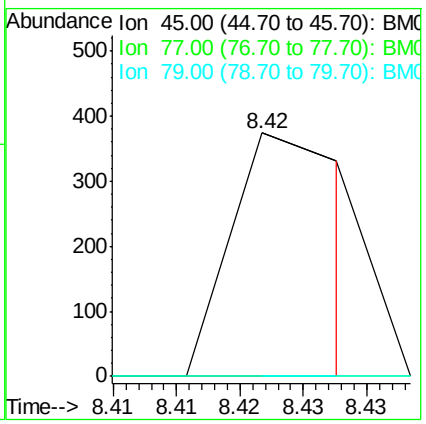


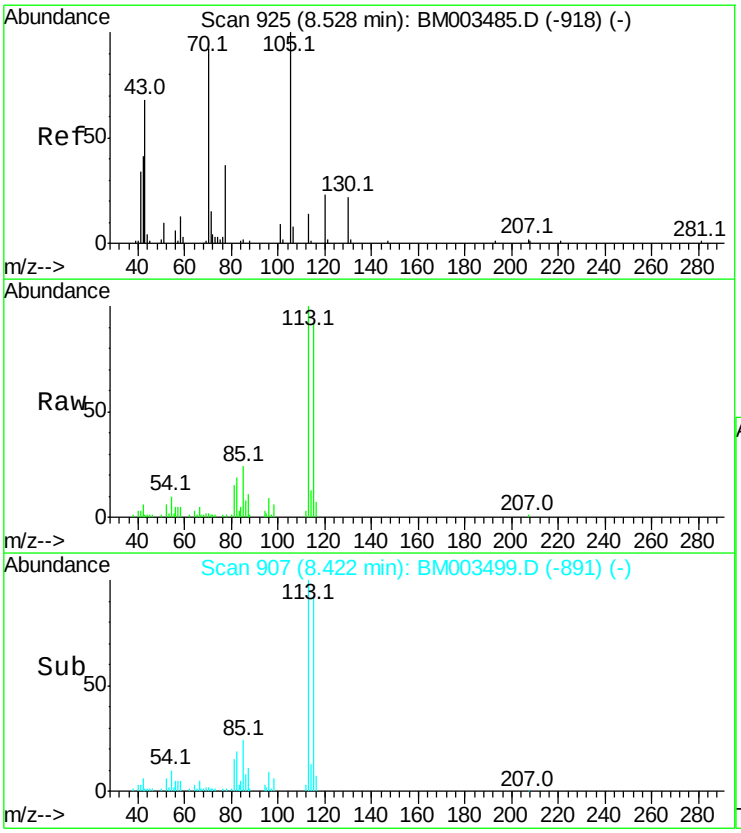
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.10 ng/ul
RT: 8.42 min Scan# 907
Delta R.T. 0.16 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion: 45 Resp: 249

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

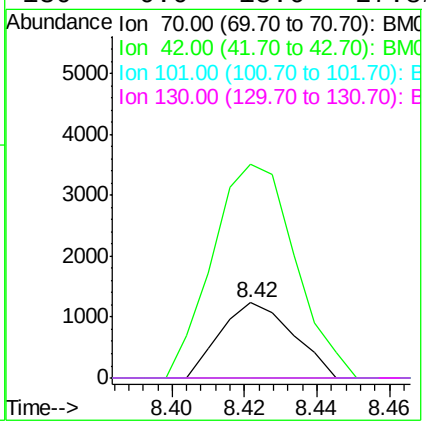


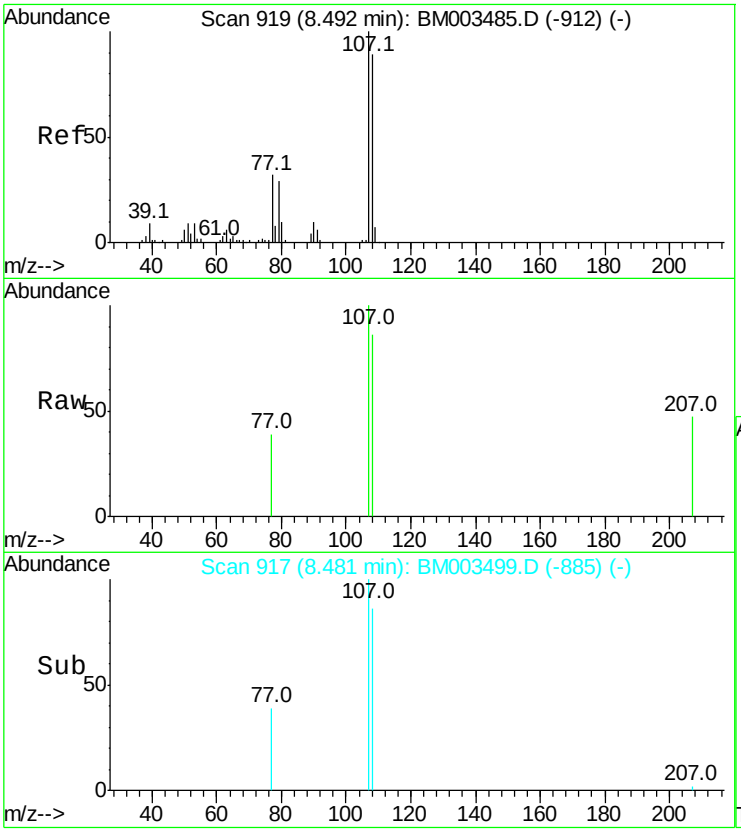


#15
N-Nitroso-di-n-propylamine
Concen: 19.48 ng/ul
RT: 8.42 min Scan# 907
Delta R.T. -0.11 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Tgt Ion: 70 Resp: 1727

Ion	Ratio	Lower	Upper
70	100		
42	283.1	35.0	52.6#
101	0.0	8.6	13.0#
130	0.0	18.6	27.8#



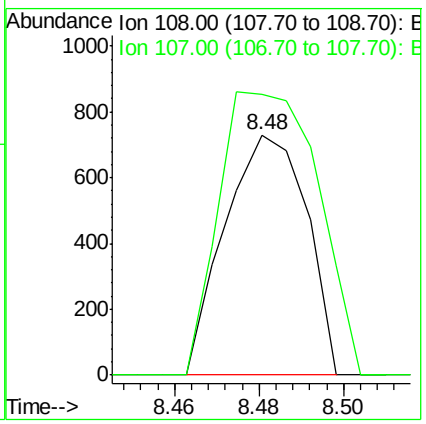


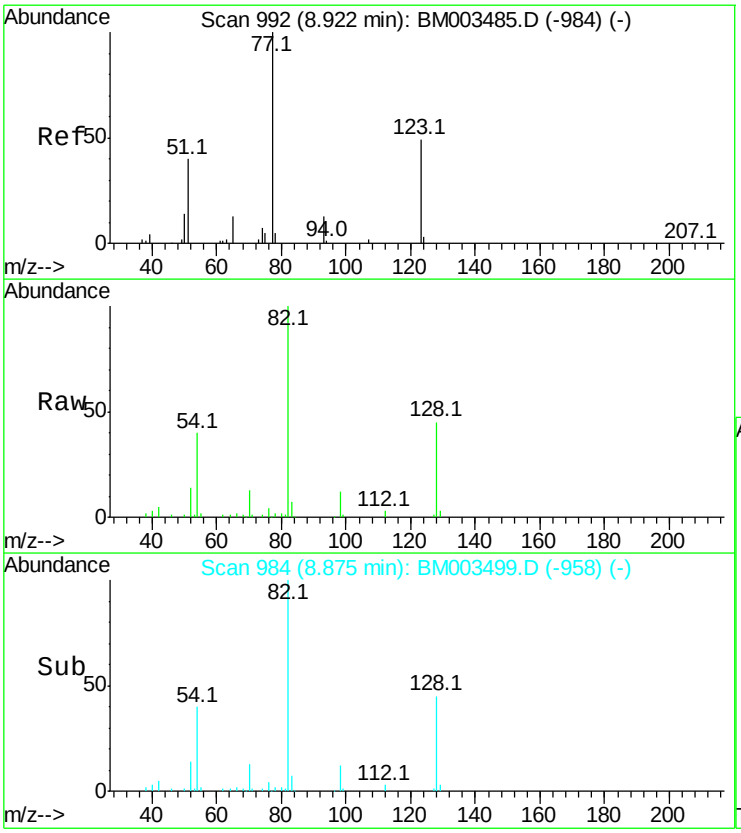
#16
4-Methylphenol
Concen: 7.38 ng/ul
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:108 Resp: 982

Ion	Ratio	Lower	Upper
108	100		
107	116.7	88.2	132.4

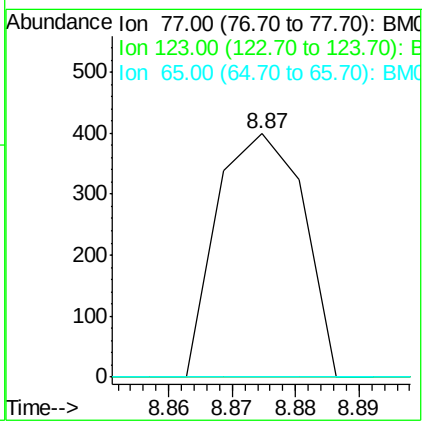


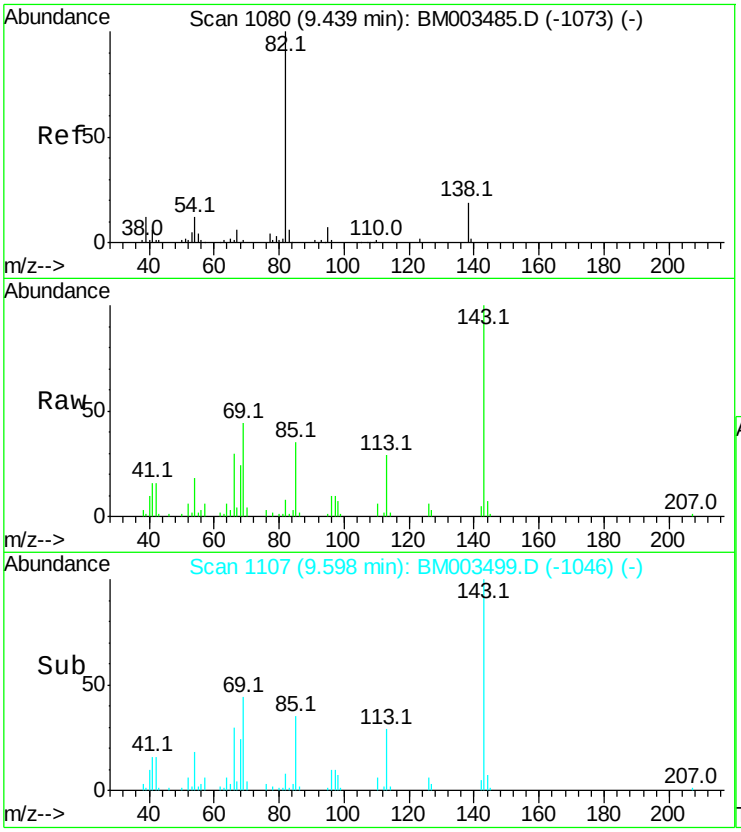


#20
Nitrobenzene
Concen: 2.51 ng/ul
RT: 8.87 min Scan# 984
Delta R.T. -0.05 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Tgt Ion: 77 Resp: 375

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.8	56.8#
65	0.0	9.8	14.8#



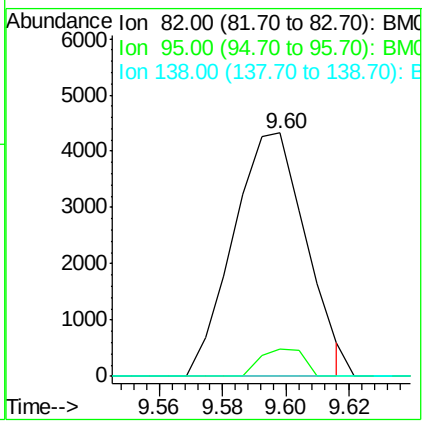


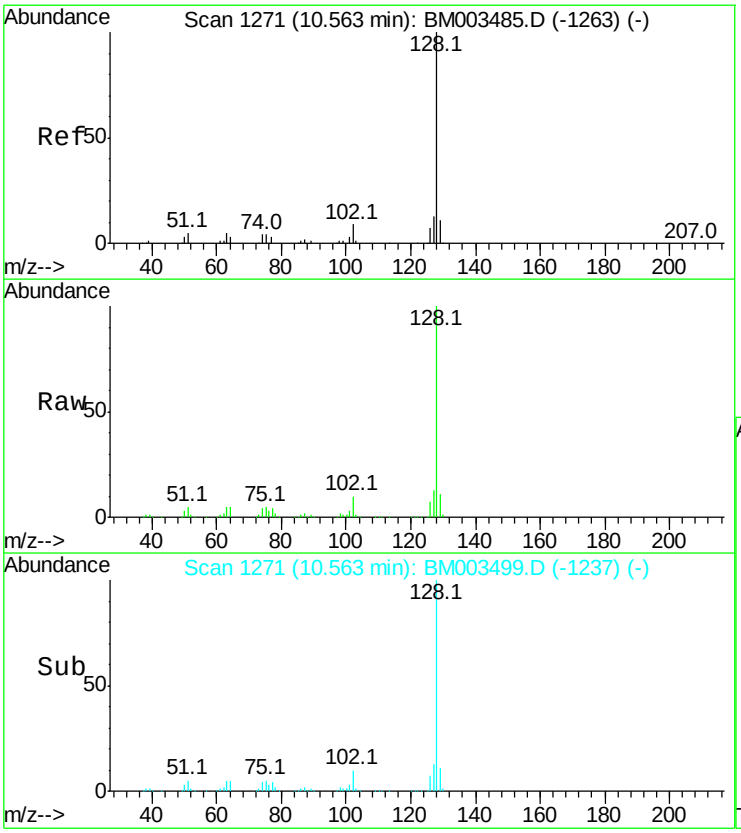
#21
Isophorone
Concen: 24.57 ng/ul
RT: 9.60 min Scan# 1107
Delta R.T. 0.16 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion: 82 Resp: 6860

Ion	Ratio	Lower	Upper
82	100		
95	11.0	5.8	8.8#
138	0.0	15.5	23.3#

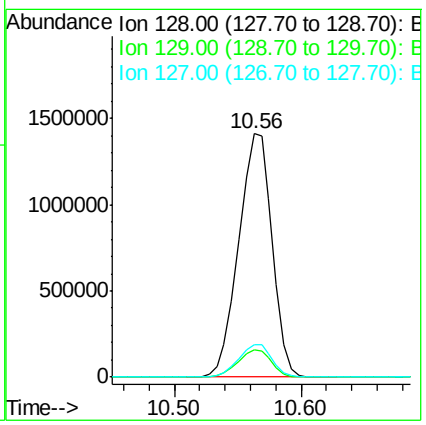


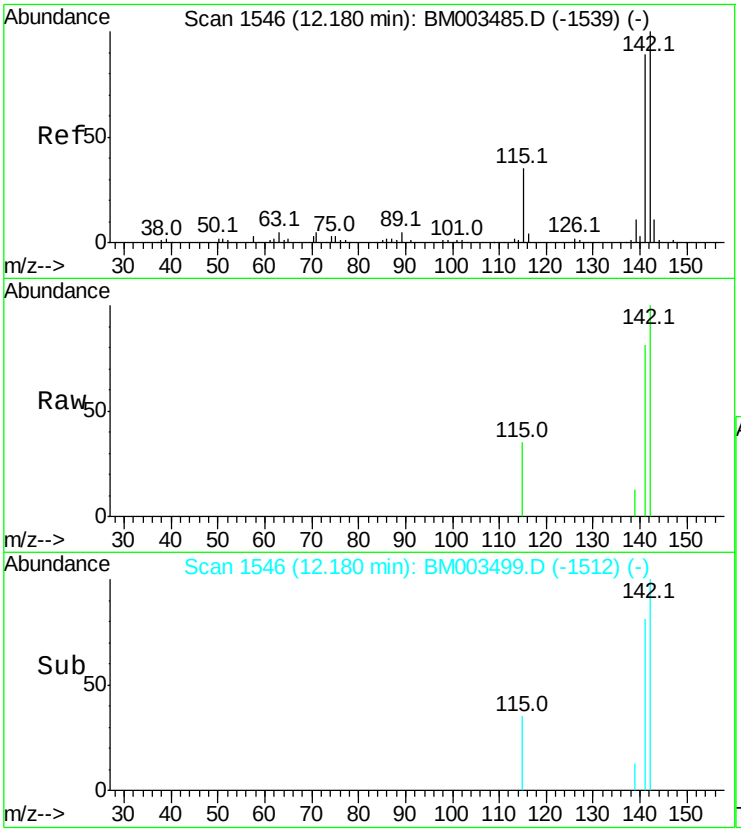


#28
Naphthalene
Concen: 5380.64 ng/ul
RT: 10.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Tgt Ion:128 Resp: 2577501

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.3	10.3	15.5



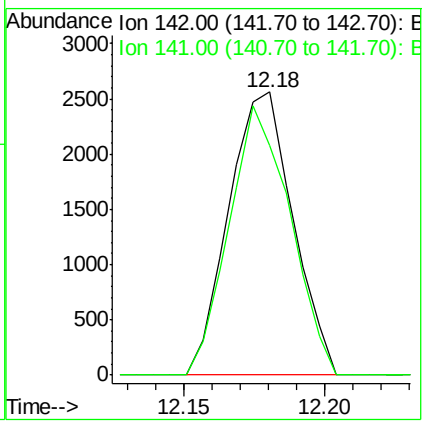


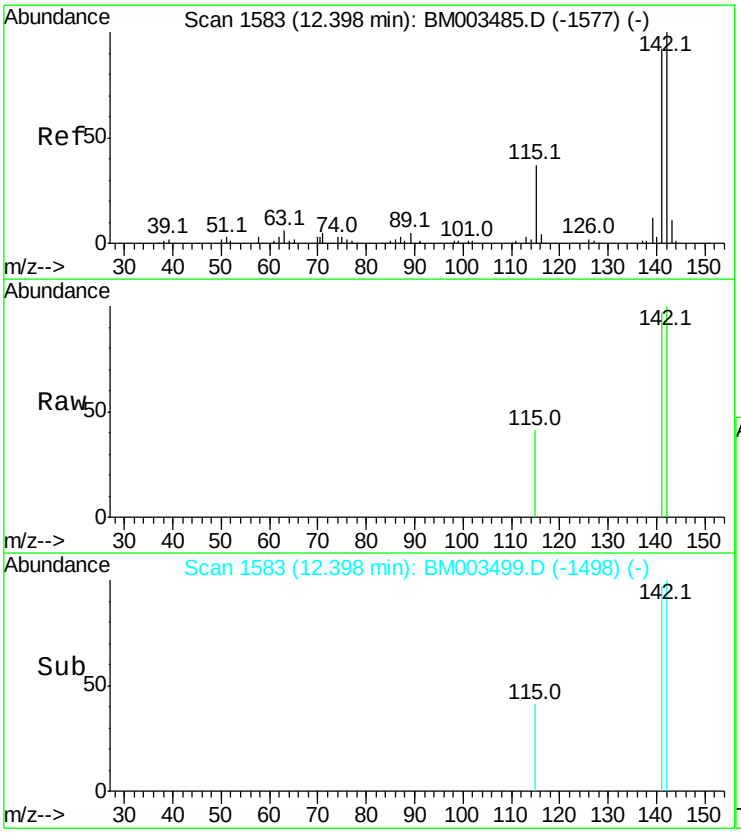
#34
2-Methylnaphthalene
Concen: 11.55 ng/ul
RT: 12.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:142 Resp: 4042

Ion	Ratio	Lower	Upper
142	100		
141	81.3	70.5	105.7

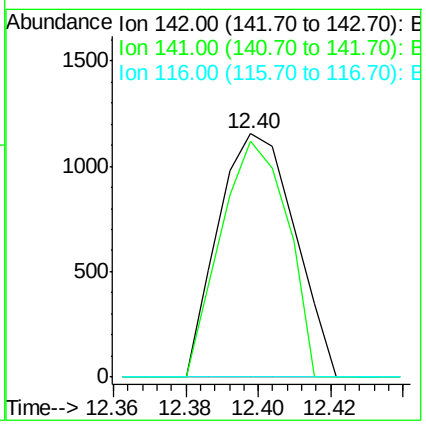


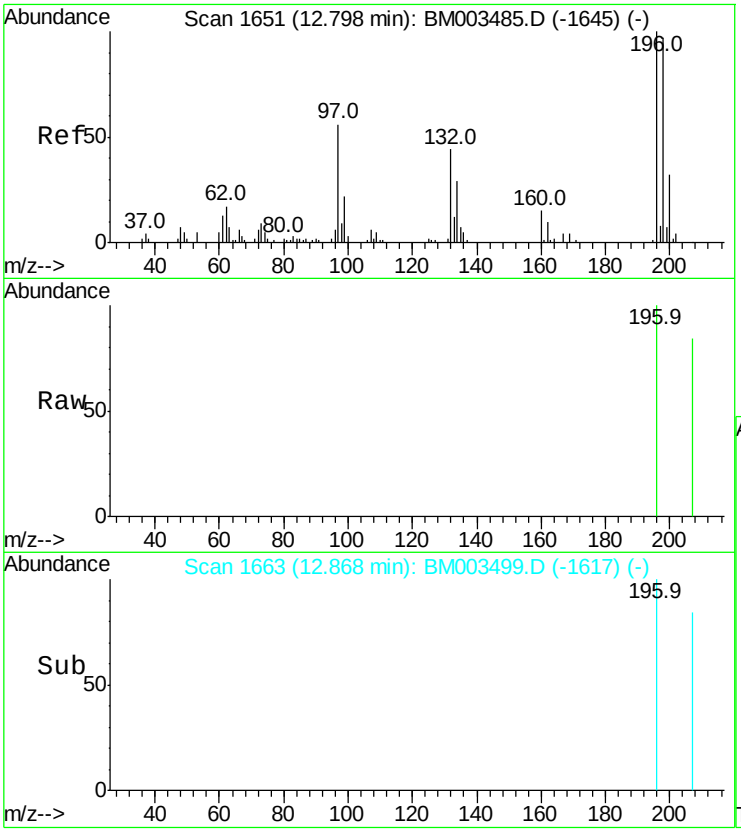


#35
1-Methylnaphthalene
Concen: 5.12 ng/ul
RT: 12.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Tgt Ion:142 Resp: 1692

Ion	Ratio	Lower	Upper
142	100		
141	96.8	73.2	109.8
116	0.0	3.0	4.6#



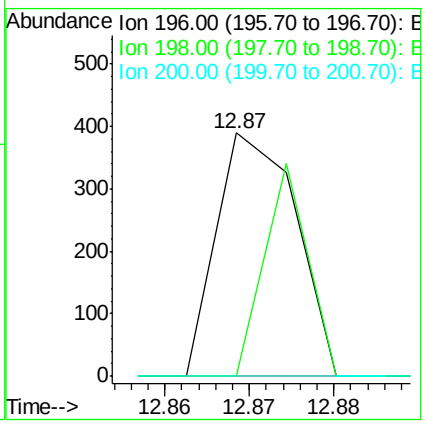


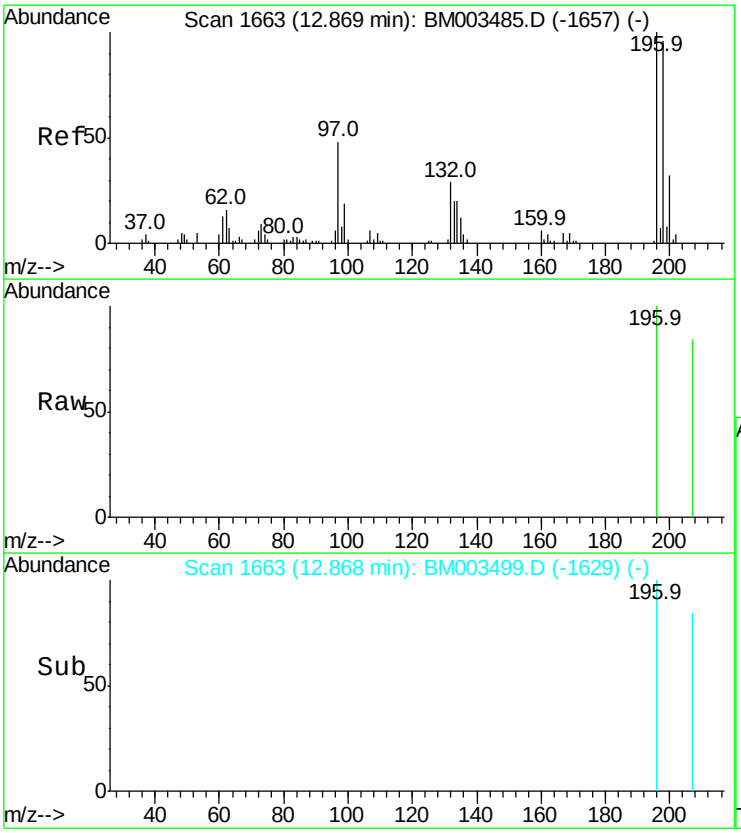
#39
2,4,6-Trichlorophenol
Concen: 2.44 ng/ul
RT: 12.87 min Scan# 1663
Delta R.T. 0.07 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:196 Resp: 253

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

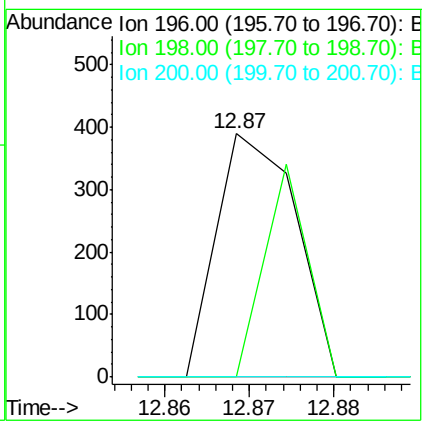


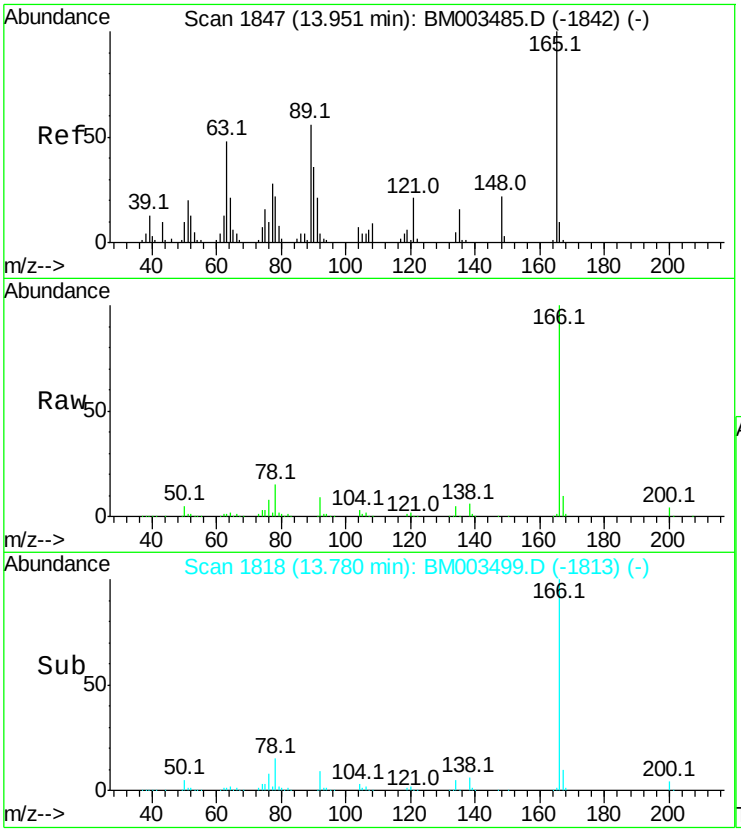


#40
2,4,5-Trichlorophenol
Concen: 2.21 ng/ul
RT: 12.87 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Tgt Ion:196 Resp: 253

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



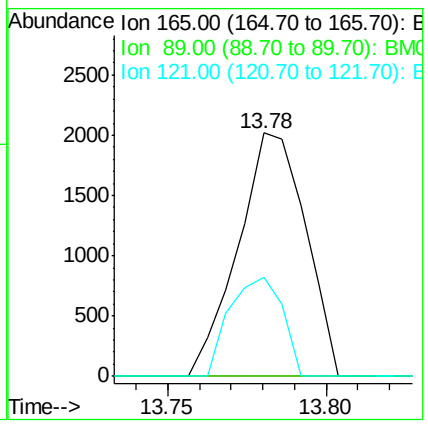


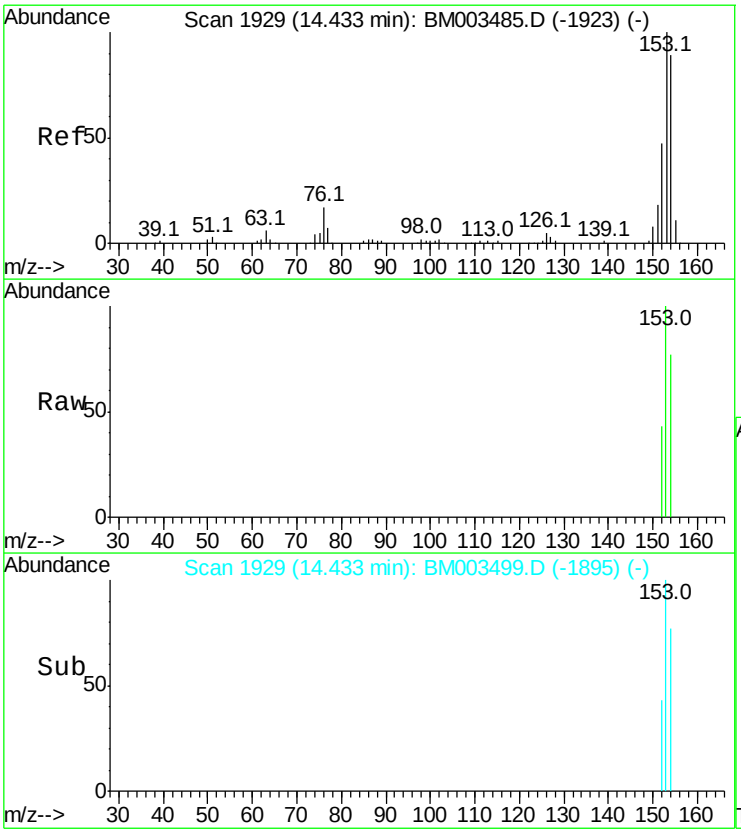
#46
2,6-Dinitrotoluene
Concen: 39.84 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.17 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:165 Resp: 2985

Ion	Ratio	Lower	Upper
165	100		
89	0.0	42.0	63.0#
121	40.7	16.6	24.8#

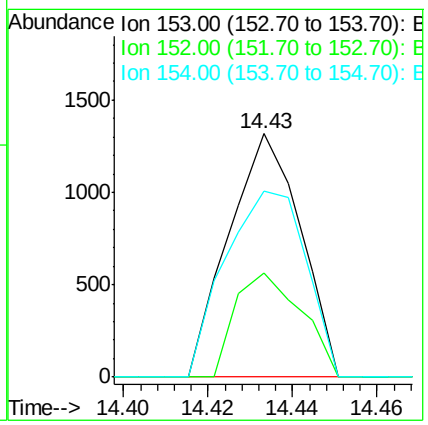


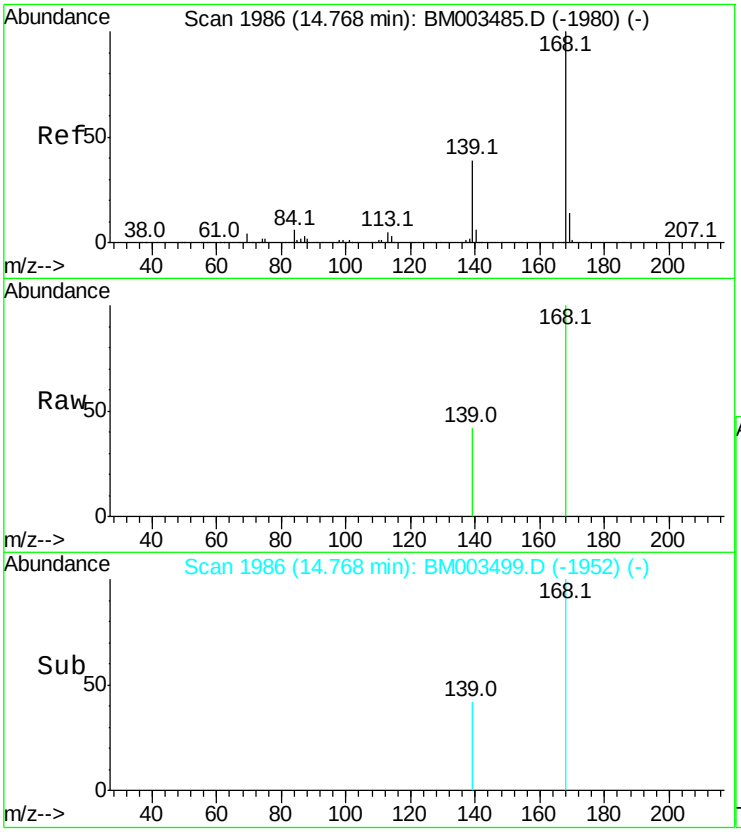


#50
Acenaphthene
Concen: 4.36 ng/ul
RT: 14.43 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Tgt Ion:153 Resp: 1553

Ion	Ratio	Lower	Upper
153	100		
152	42.9	37.8	56.6
154	76.6	70.8	106.2



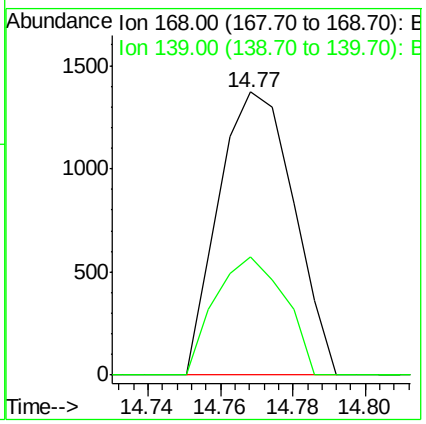


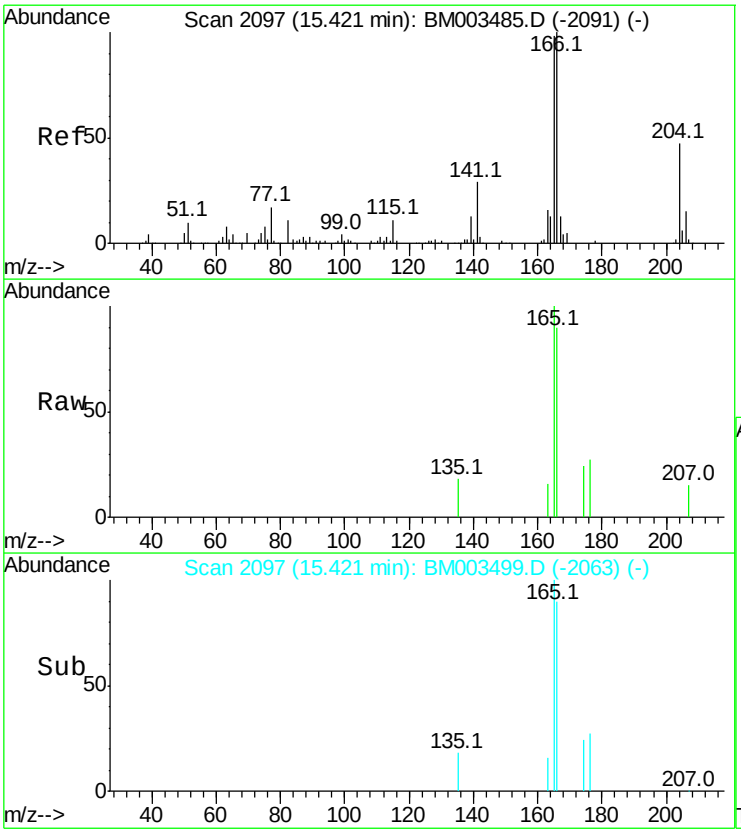
#54
Dibenzofuran
Concen: 3.91 ng/ul
RT: 14.77 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:168 Resp: 1974

Ion	Ratio	Lower	Upper
168	100		
139	41.6	30.6	45.8

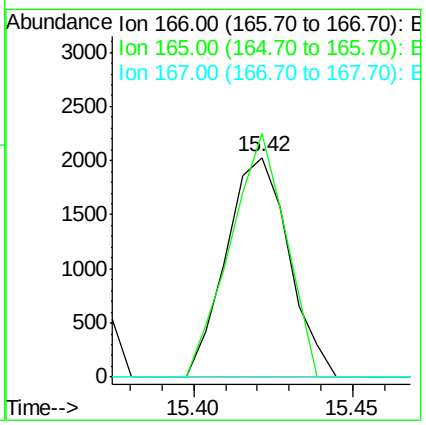


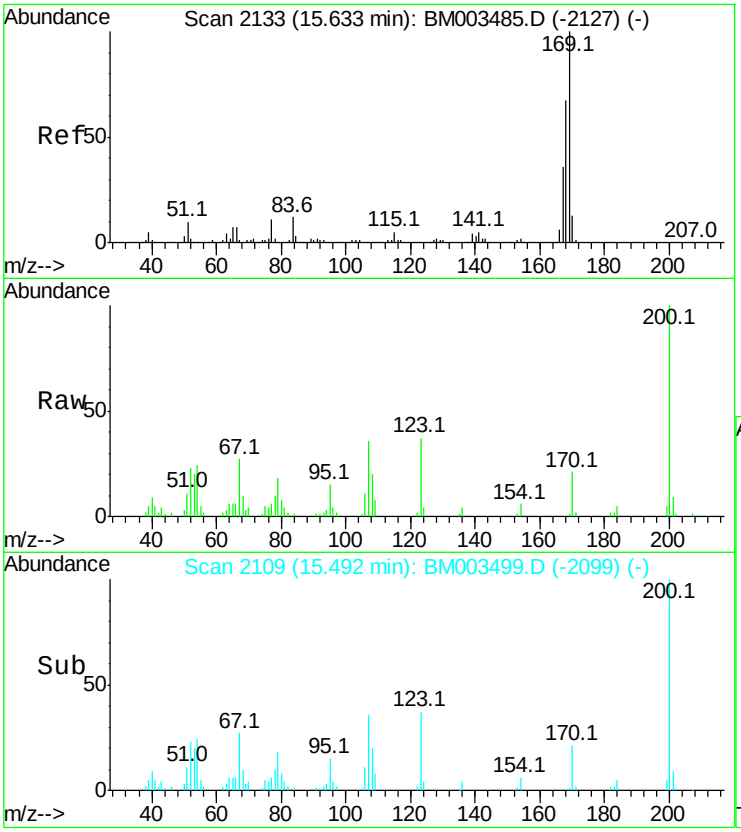


#59
Fluorene
Concen: 7.11 ng/ul
RT: 15.42 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Tgt Ion:166 Resp: 2781

Ion	Ratio	Lower	Upper
166	100		
165	110.8	78.8	118.2
167	0.0	10.8	16.2#



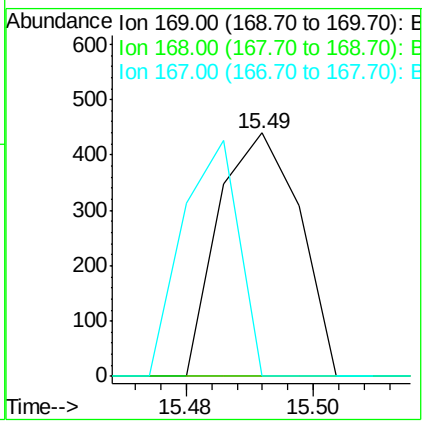


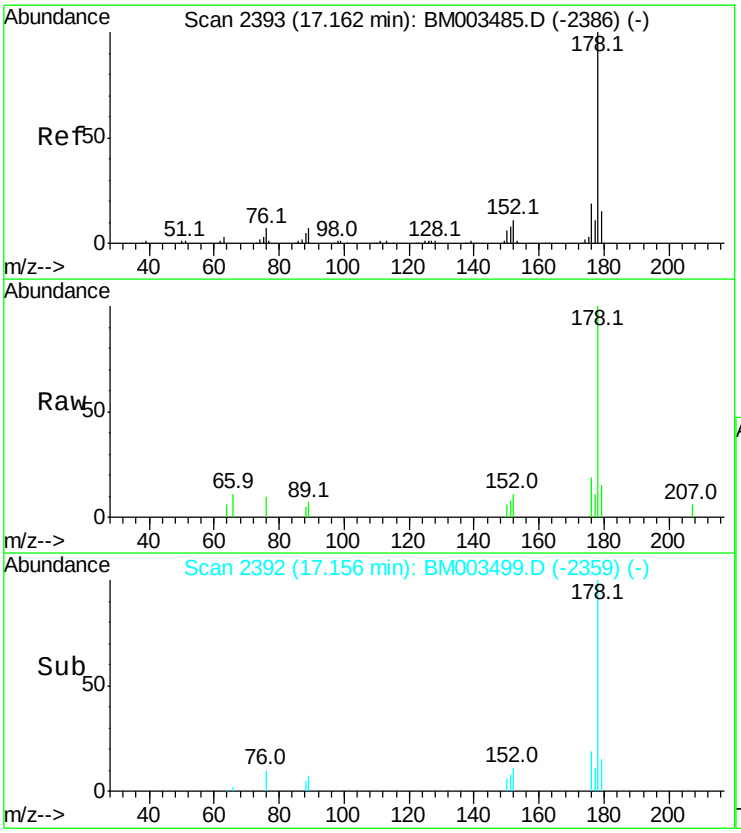
#65
N-Nitrosodiphenylamine
Concen: 1.29 ng/ul
RT: 15.49 min Scan# 2109
Delta R.T. -0.14 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:169 Resp: 387

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.4	80.0#
167	0.0	29.0	43.4#

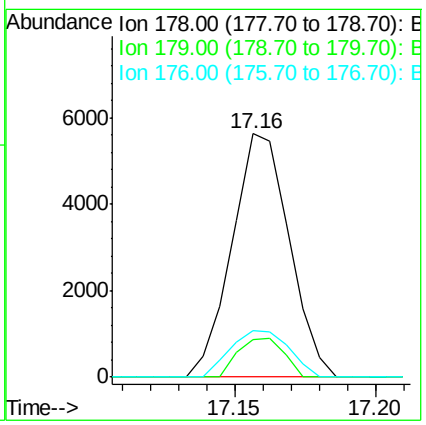


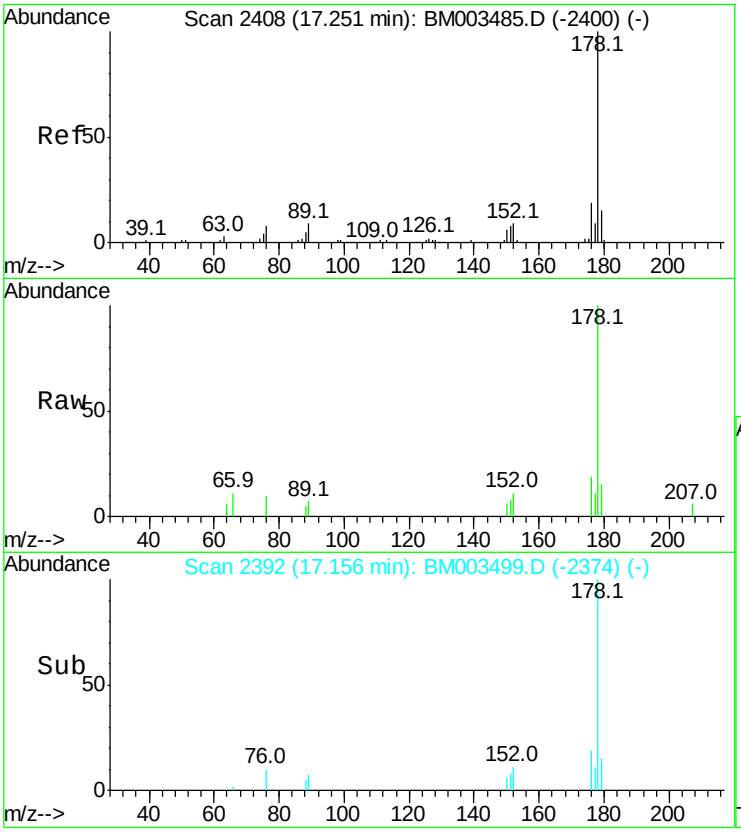


#70
Phenanthrene
Concen: 14.61 ng/ul
RT: 17.16 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Tgt Ion:178 Resp: 7919

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.3	15.6	23.4



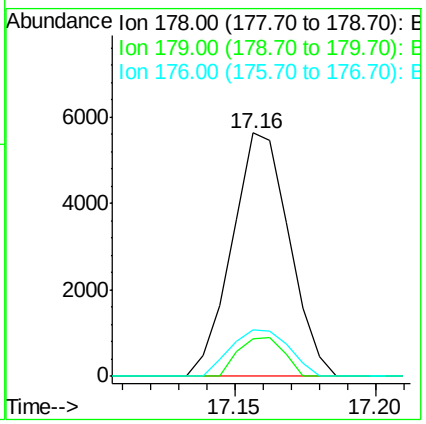


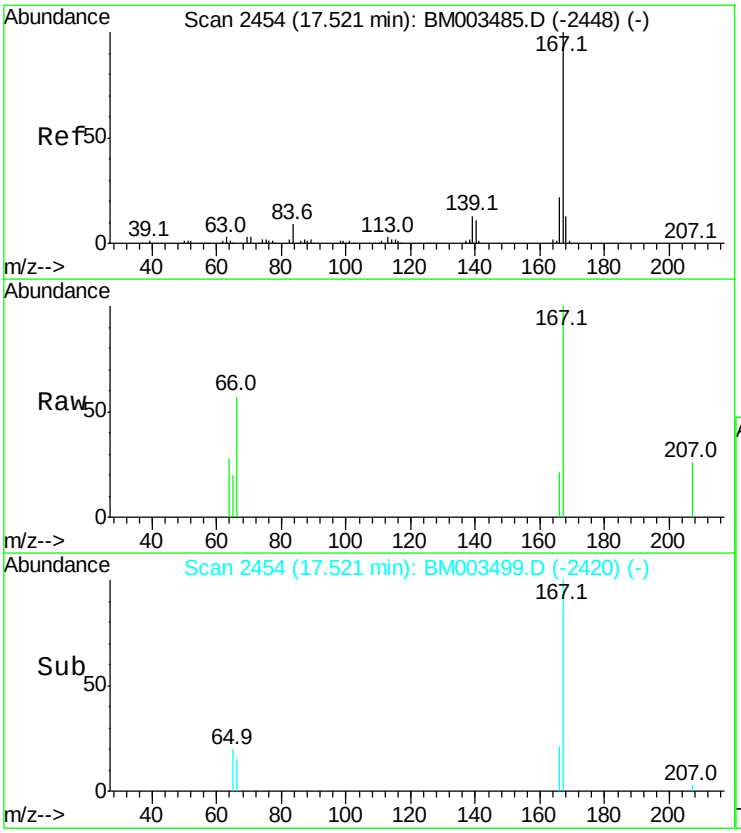
#72
Anthracene
Concen: 14.49 ng/ul
RT: 17.16 min Scan# 2392
Delta R.T. -0.09 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:178 Resp: 7919

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	19.3	14.9	22.3

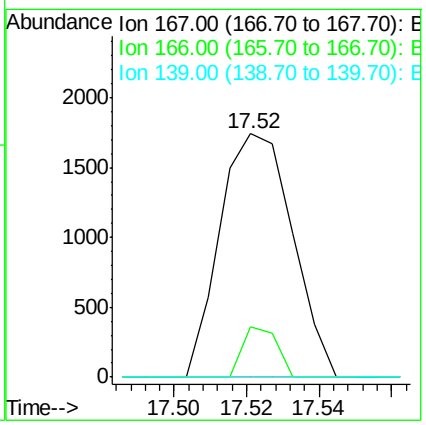


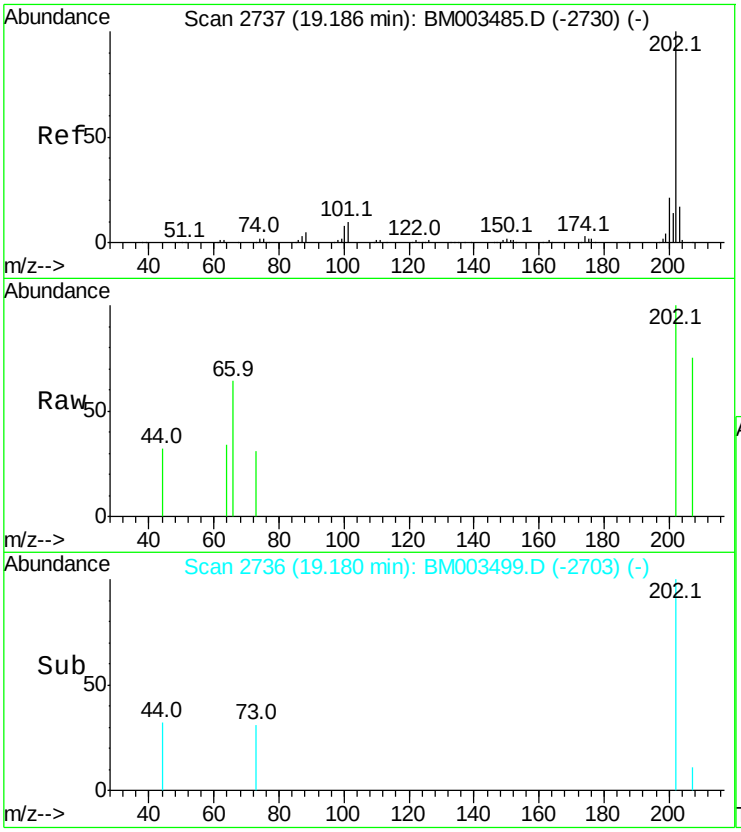


#75
Carbazole
Concen: 5.14 ng/ul
RT: 17.52 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Tgt Ion:167 Resp: 2430

Ion	Ratio	Lower	Upper
167	100		
166	20.7	16.8	25.2
139	0.0	10.6	16.0#



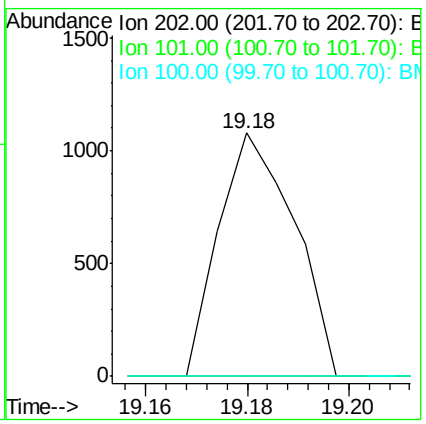


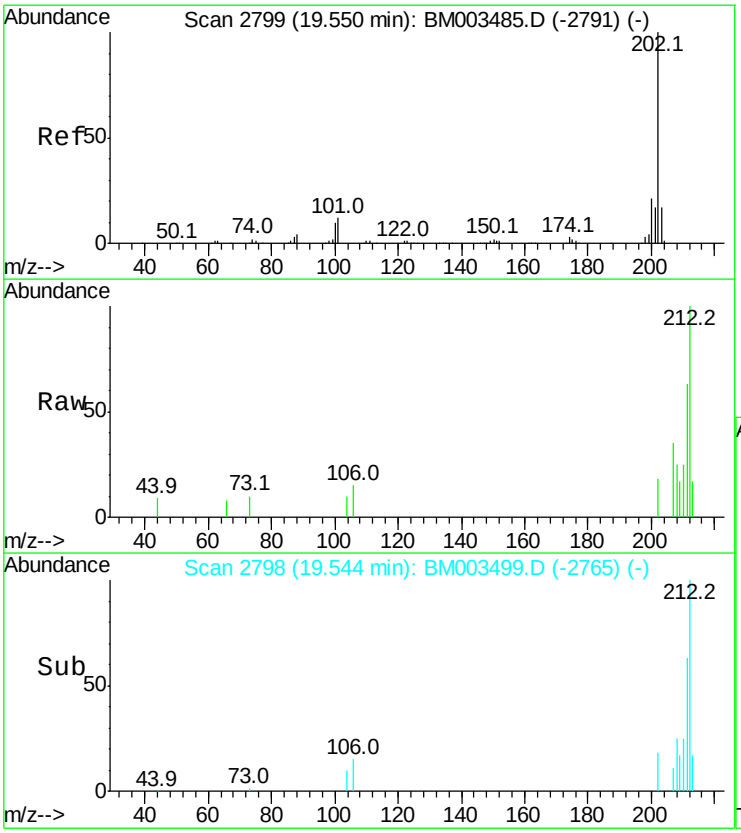
#77
Fluoranthene
Concen: 2.04 ng/ul
RT: 19.18 min Scan# 2736
Delta R.T. -0.01 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:202 Resp: 1117

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

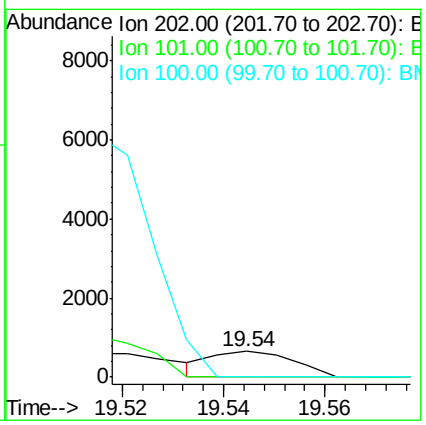


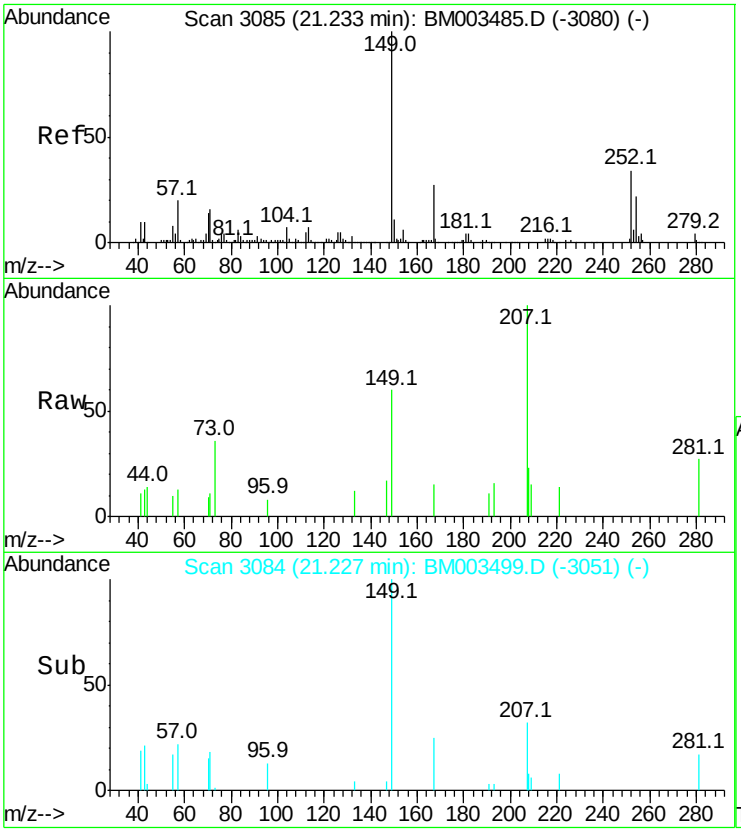


#80
Pyrene
Concen: 1.24 ng/ul
RT: 19.54 min Scan# 2798
Delta R.T. -0.01 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Tgt Ion:202 Resp: 725

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



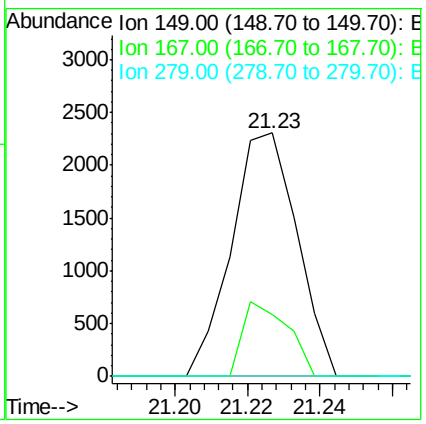


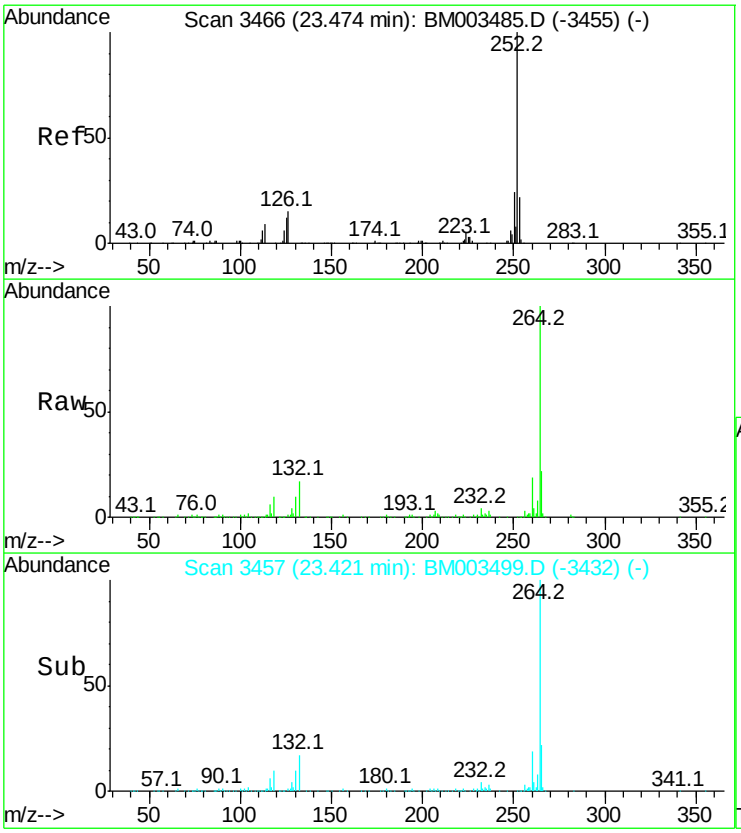
#84
Bis(2-ethylhexyl)phthalate
Concen: 10.93 ng/ul
RT: 21.23 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Instrument :
BNA_M
ClientSampleId :
A4KX8

Tgt Ion:149 Resp: 2894

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.6	32.4
279	0.0	2.9	4.3#





#91
Benzo(a)pyrene
Concen: 3.28 ng/ul
RT: 23.42 min Scan# 3457
Delta R.T. -0.05 min
Lab File: BM003499.D
Acq: 12 Dec 2015 01:30

Tgt Ion:252 Resp: 1569

Ion	Ratio	Lower	Upper
252	100		
253	42.2	17.4	26.2#
125	0.0	9.8	14.8#