Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031115\
Data File : BM000692.D
Acq On : 11 Mar 2015 14:27
Operator : TP/IZ
Sample : G1452-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1K74

Quant Time: Mar 12 07:25:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031115.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 12 07:14:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	132728	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	542771	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	302096	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	657838	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	708716	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	671714	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	18426	6.71	ng/uL	0.00
5) Phenol-d5	6.83	99	407098	40.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	243527	40.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	323292	40.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	324943	41.30	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	155726	44.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	168817	44.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	309393	40.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	390567	44.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	946041	48.93	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1207354	43.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	163306	40.76	ng/ul	0.00
57) Fluorene-d10	15.30	176	872368	43.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	141318	39.47	ng/ul	0.00
70) Anthracene-d10	17.15	188	1359875	45.09	ng/ul	0.00
76) Pyrene-d10	19.46	212	1511420	47.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.32	264	1390361	47.43	ng/ul	0.00
Target Compounds						Qvalue
15) N-Nitroso-di-n-propylamine	8.36	70	7719	1.31	ng/ul#	1
16) 4-Methylphenol	8.43	108	792444	88.79	ng/ul	90
17) Hexachloroethane	8.72	117	95649	28.23	ng/ul	100
20) Nitrobenzene	8.85	77	656212	70.14	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	179738	19.05	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	1330903	66.40	ng/ul	97
41) 2-Chloronaphthalene	13.17	162	850078	43.76	ng/ul	99
45) 2,6-Dinitrotoluene	13.73	165	5923	1.45	ng/ul#	41
47) Acenaphthylene	14.03	152	975992	30.88	ng/ul	99
49) Acenaphthene	14.37	153	381581	18.24	ng/ul	97
52) 4-Nitrophenol	14.63	109	19665	6.61	ng/ul#	1
64) N-Nitrosodiphenylamine	15.57	169	454098	22.85	ng/ul	98
69) Phenanthrene	17.10	178	694710	18.27	ng/ul	100
71) Anthracene	17.10	178	694710	17.96	ng/ul	99
80) Benzo(a)anthracene	21.29	228	3092492	74.00	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.17	149	1150229	54.51	ng/ul	100
82) Chrysene	21.29	228	3092492	76.37	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.69	276	230120	5.29	ng/ul#	64
90) Dibenzo(a,h)anthracene	25.69	278	1024141	27.76	ng/ul	98

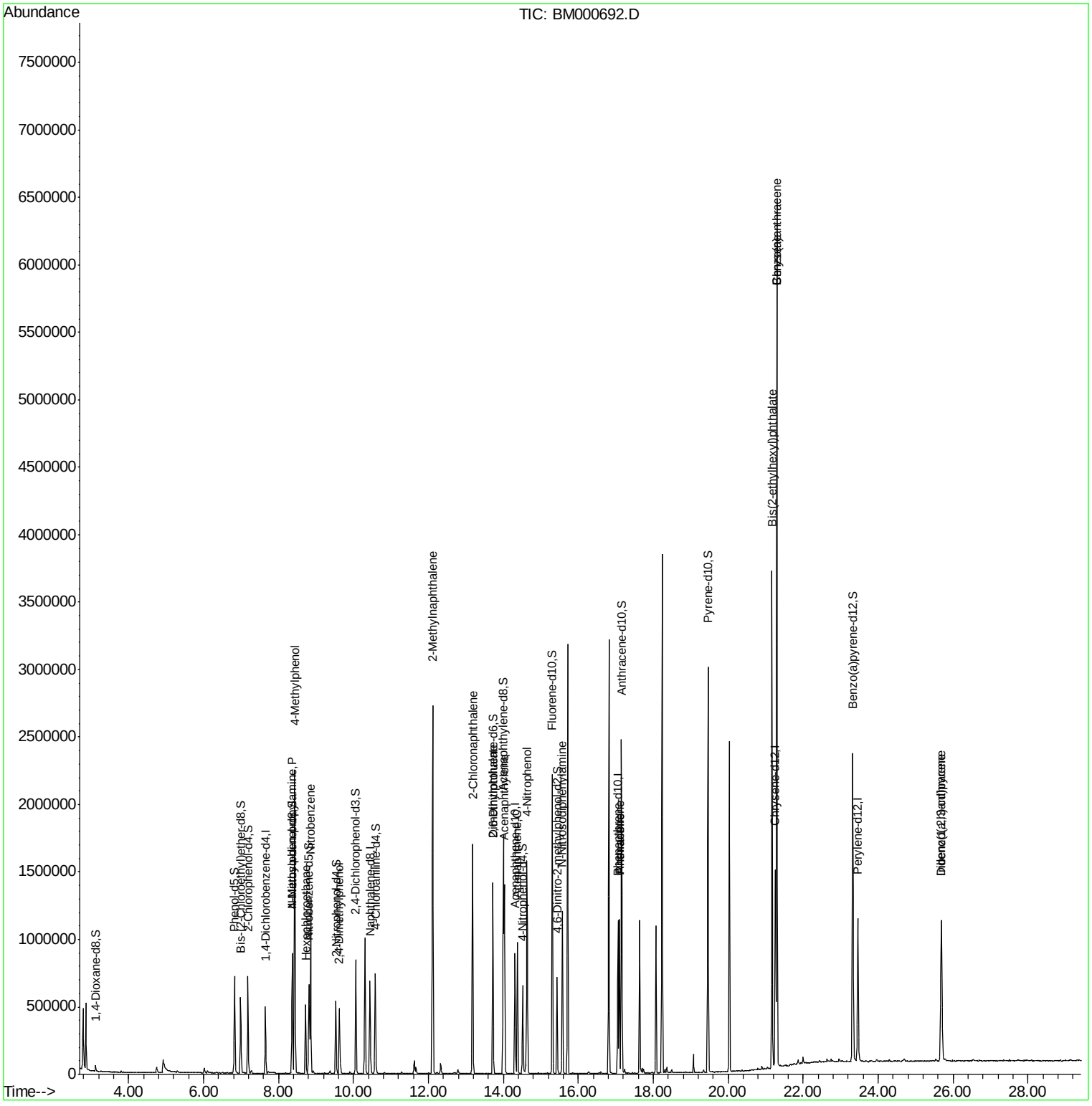
(#) = qualifier out of range (m) = manual integration (+) = signals summed

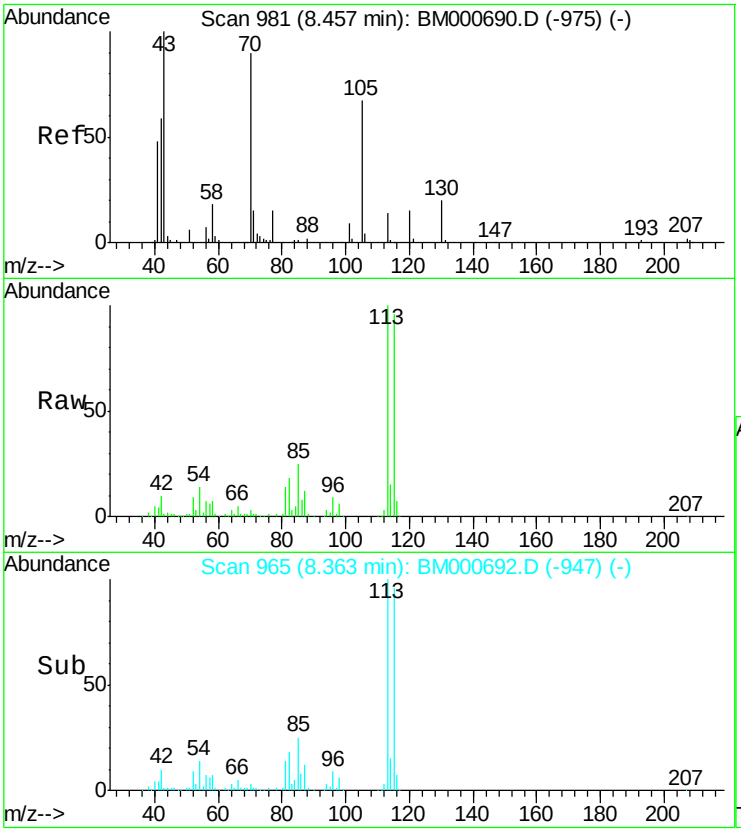
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031115\
Data File : BM000692.D
Acq On : 11 Mar 2015 14:27
Operator : TP/IZ
Sample : G1452-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1K74

Quant Time: Mar 12 07:25:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031115.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 12 07:14:19 2015
Response via : Initial Calibration



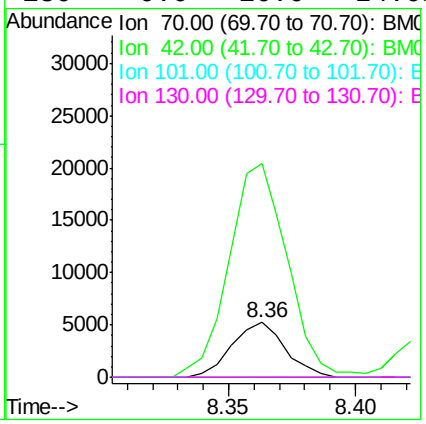


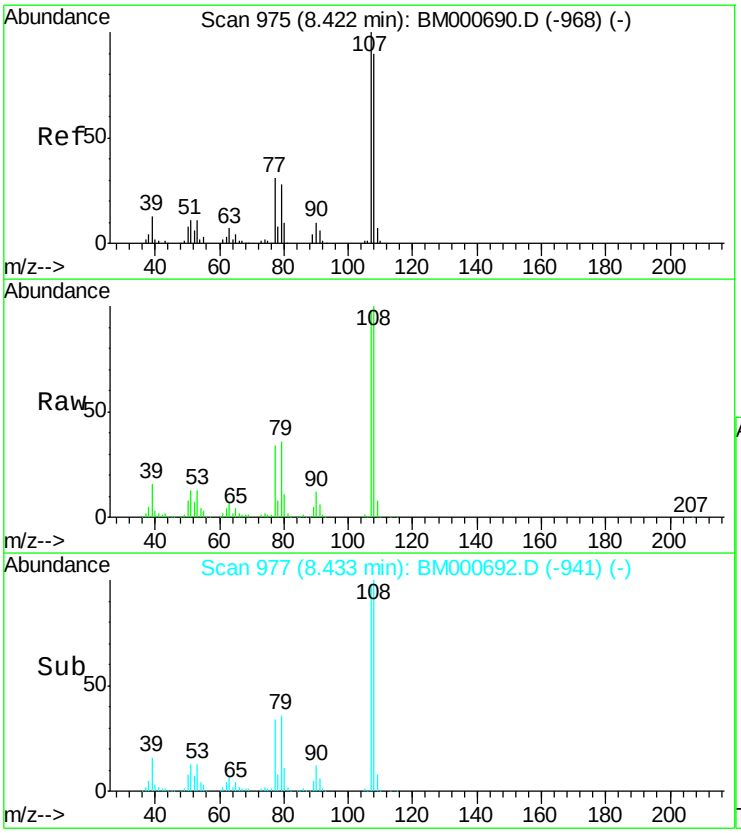
#15
N-Nitroso-di-n-propylamine
Concen: 1.31 ng/ul
RT: 8.36 min Scan# 965
Delta R.T. -0.09 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Instrument :
BNA_M
ClientSampleId :
X1K74

Tgt Ion: 70 Resp: 7719

Ion	Ratio	Lower	Upper
70	100		
42	389.5	50.8	76.2#
101	0.0	8.2	12.4#
130	0.0	16.0	24.0#

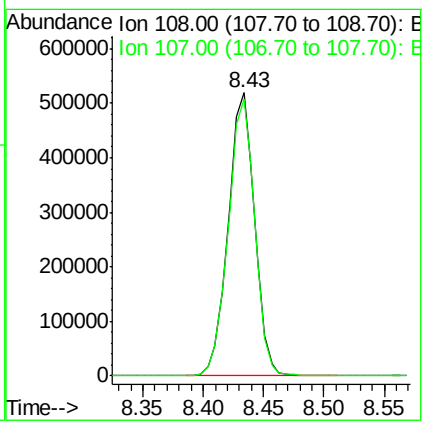


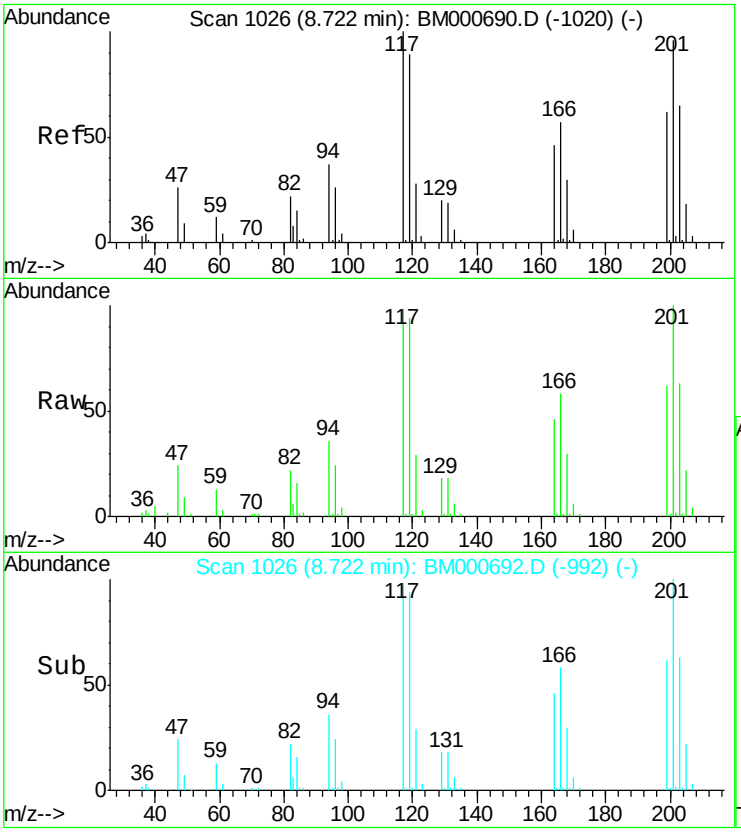


#16
4-Methylphenol
Concen: 88.79 ng/ul
RT: 8.43 min Scan# 977
Delta R.T. 0.01 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Tgt Ion:108 Resp: 792444

Ion	Ratio	Lower	Upper
108	100		
107	97.8	86.9	130.3



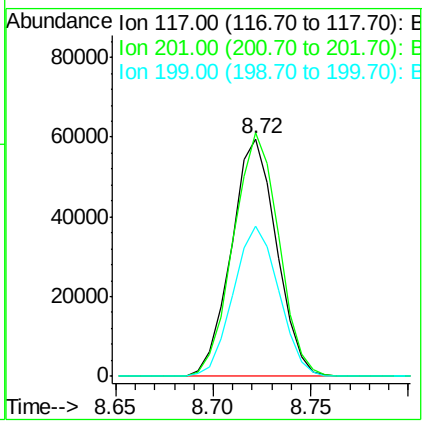


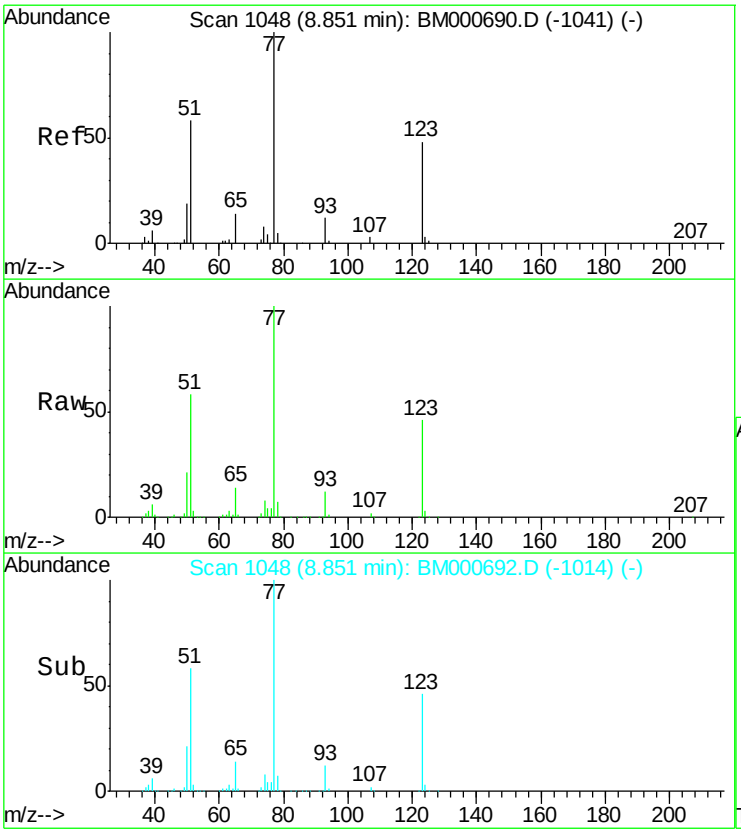
#17
Hexachloroethane
Concen: 28.23 ng/ul
RT: 8.72 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Instrument :
BNA_M
ClientSampleId :
X1K74

Tgt Ion:117 Resp: 95649

Ion	Ratio	Lower	Upper
117	100		
201	102.6	82.2	123.4
199	63.1	50.9	76.3

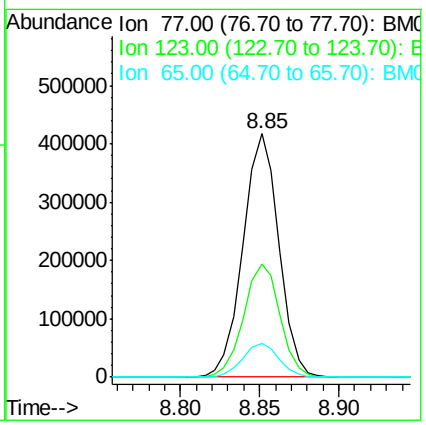


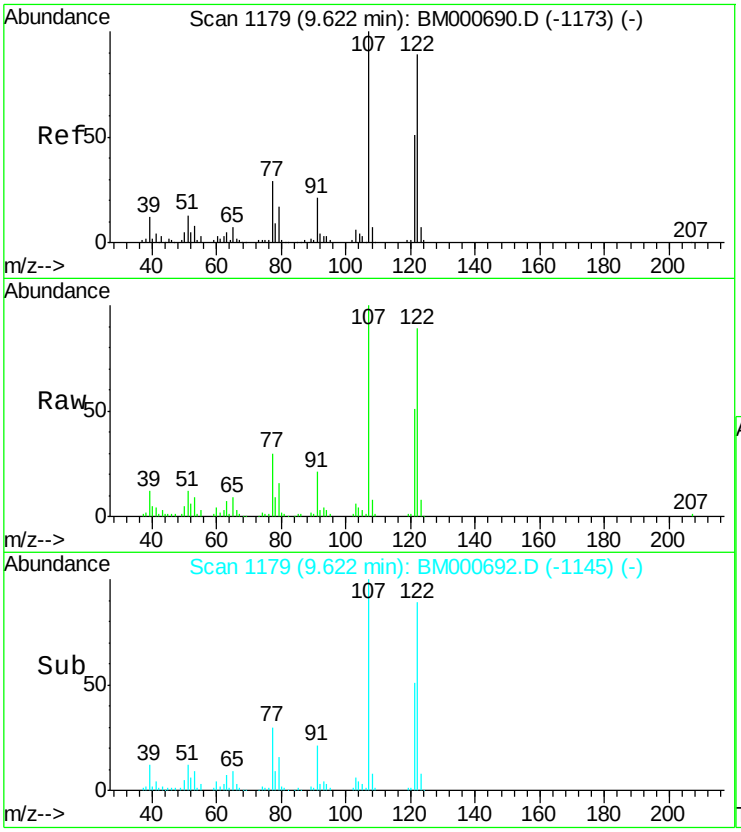


#20
Nitrobenzene
Concen: 70.14 ng/ul
RT: 8.85 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Tgt Ion: 77 Resp: 656212

Ion	Ratio	Lower	Upper
77	100		
123	46.5	38.9	58.3
65	14.0	11.5	17.3



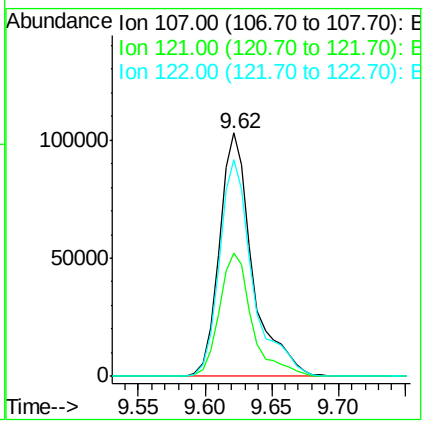


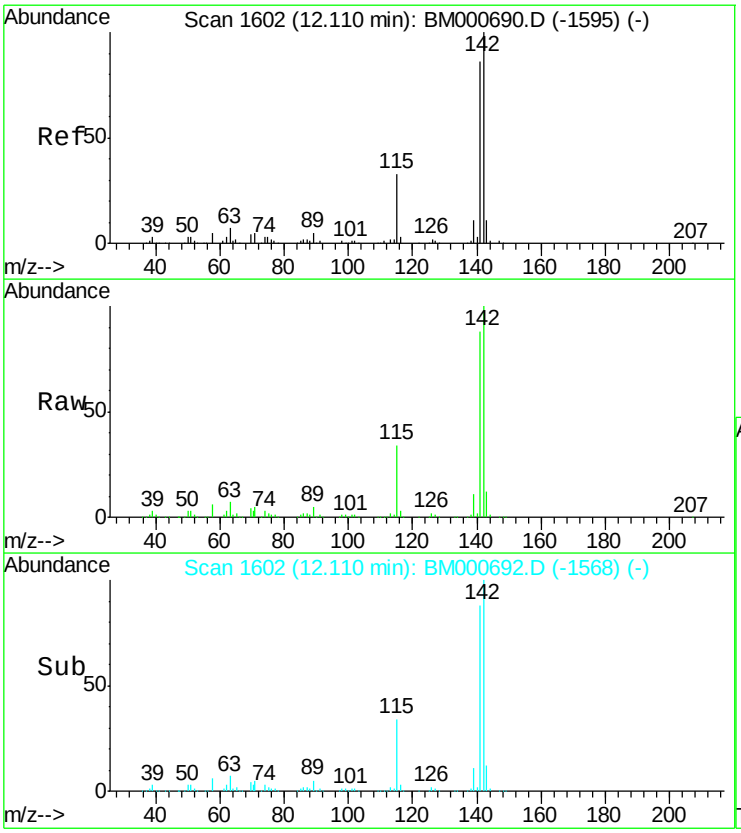
#24
2,4-Dimethylphenol
Concen: 19.05 ng/ul
RT: 9.62 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Instrument :
BNA_M
ClientSampleId :
X1K74

Tgt Ion:107 Resp: 179738

Ion	Ratio	Lower	Upper
107	100		
121	50.9	40.8	61.2
122	88.9	72.4	108.6

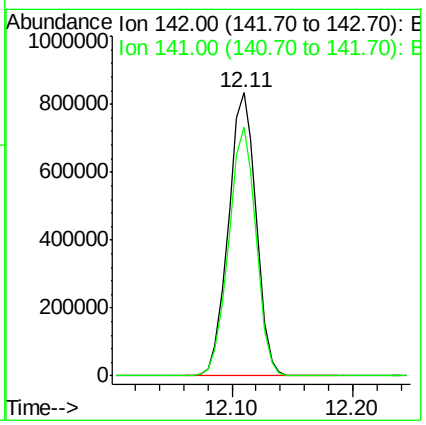


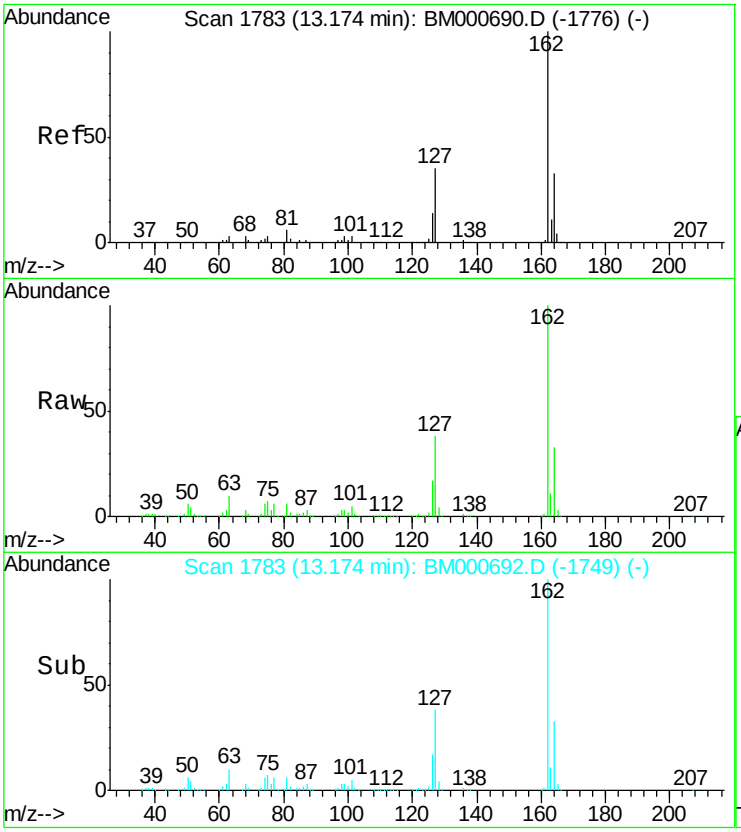


#34
2-Methylnaphthalene
Concen: 66.40 ng/ul
RT: 12.11 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Tgt Ion:142 Resp: 1330903

Ion	Ratio	Lower	Upper
142	100		
141	87.7	68.2	102.4



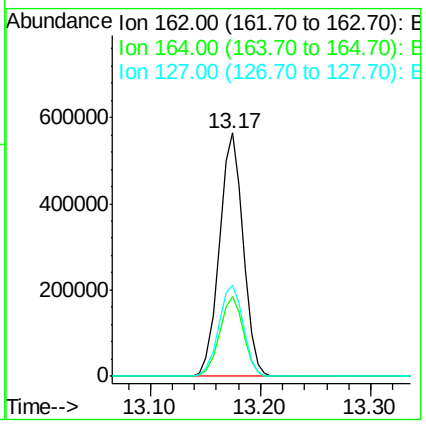


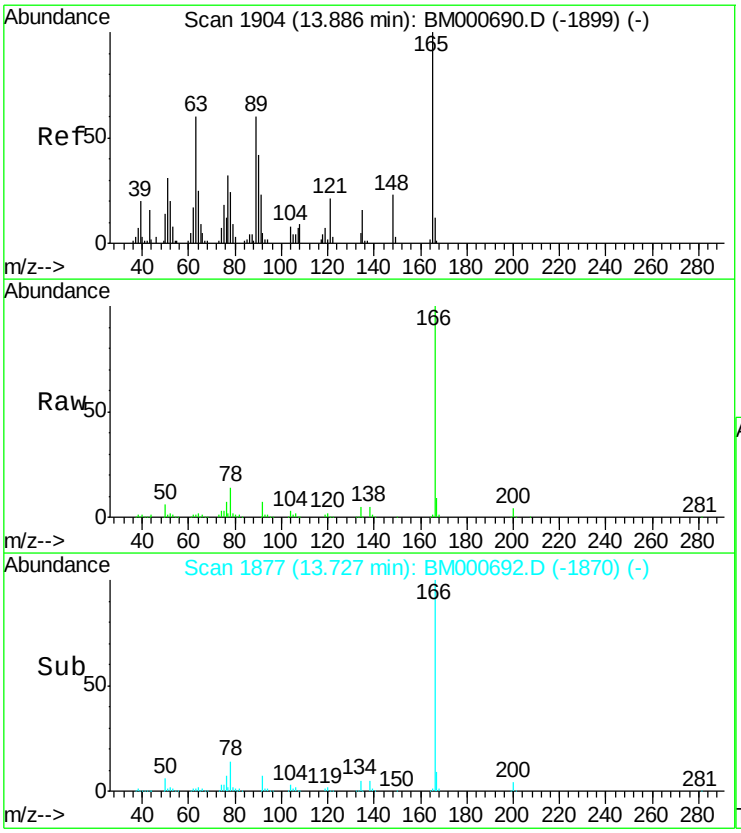
#41
2-Chloronaphthalene
Concen: 43.76 ng/ul
RT: 13.17 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Instrument :
BNA_M
ClientSampleId :
X1K74

Tgt Ion:162 Resp: 850078

Ion	Ratio	Lower	Upper
162	100		
164	33.0	25.6	38.4
127	37.6	29.9	44.9

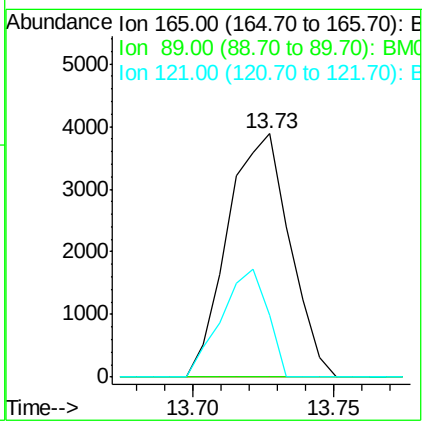


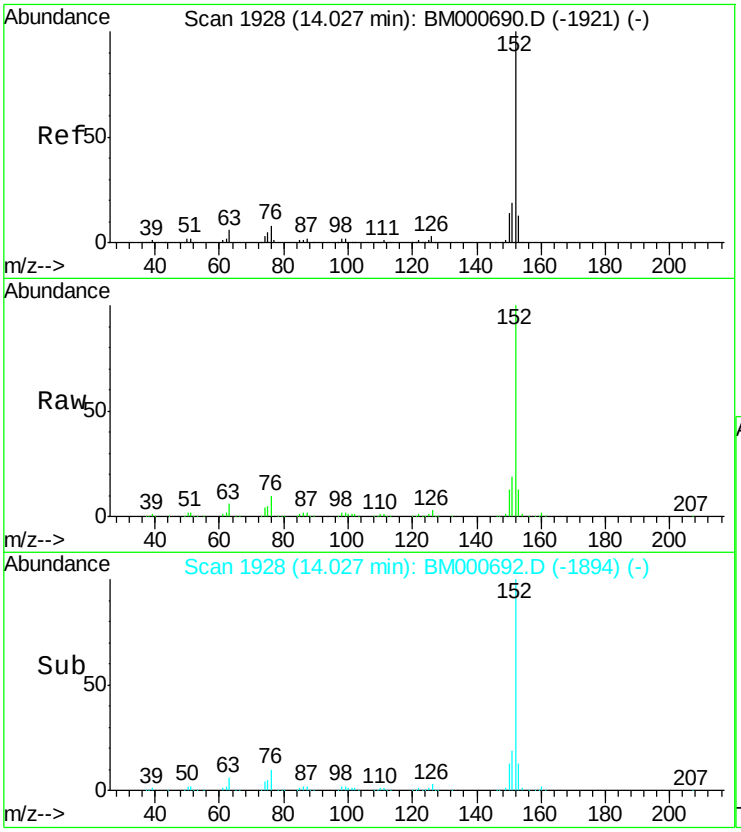


#45
2,6-Dinitrotoluene
Concen: 1.45 ng/ul
RT: 13.73 min Scan# 1877
Delta R.T. -0.16 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Tgt Ion:165 Resp: 5923

Ion	Ratio	Lower	Upper
165	100		
89	0.0	47.8	71.6#
121	25.4	17.8	26.8



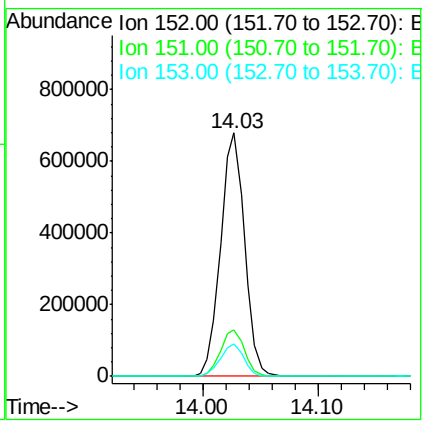


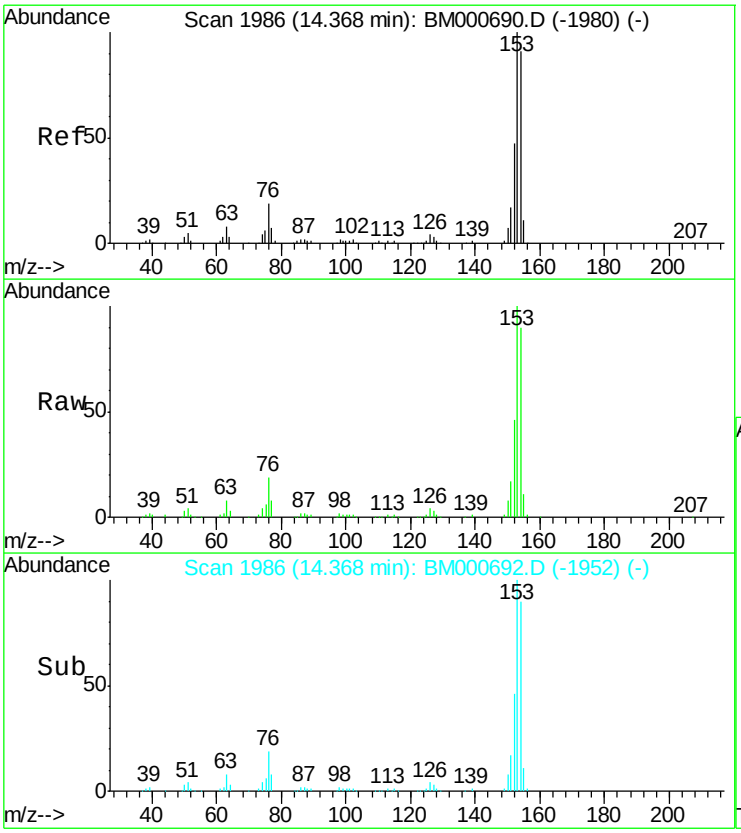
#47
Acenaphthylene
Concen: 30.88 ng/ul
RT: 14.03 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Instrument :
BNA_M
ClientSampleId :
X1K74

Tgt Ion:152 Resp: 975992

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7
153	13.1	10.2	15.2

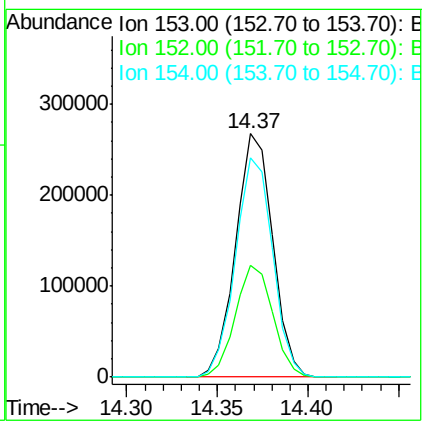


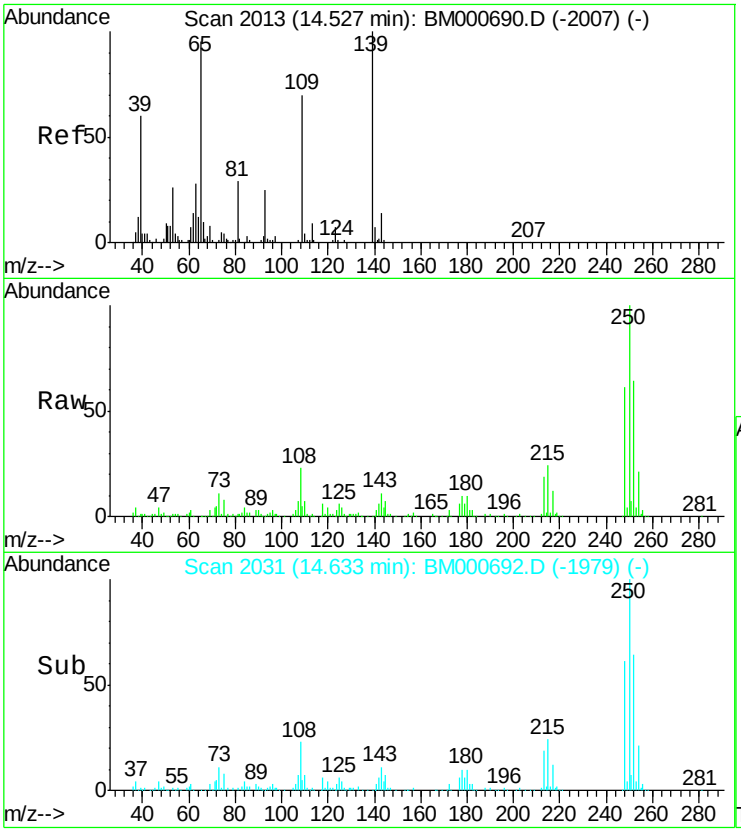


#49
Acenaphthene
Concen: 18.24 ng/ul
RT: 14.37 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Tgt Ion:153 Resp: 381581

Ion	Ratio	Lower	Upper
153	100		
152	45.8	38.3	57.5
154	90.3	70.5	105.7



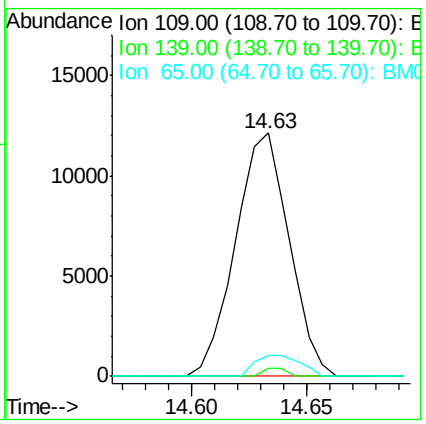


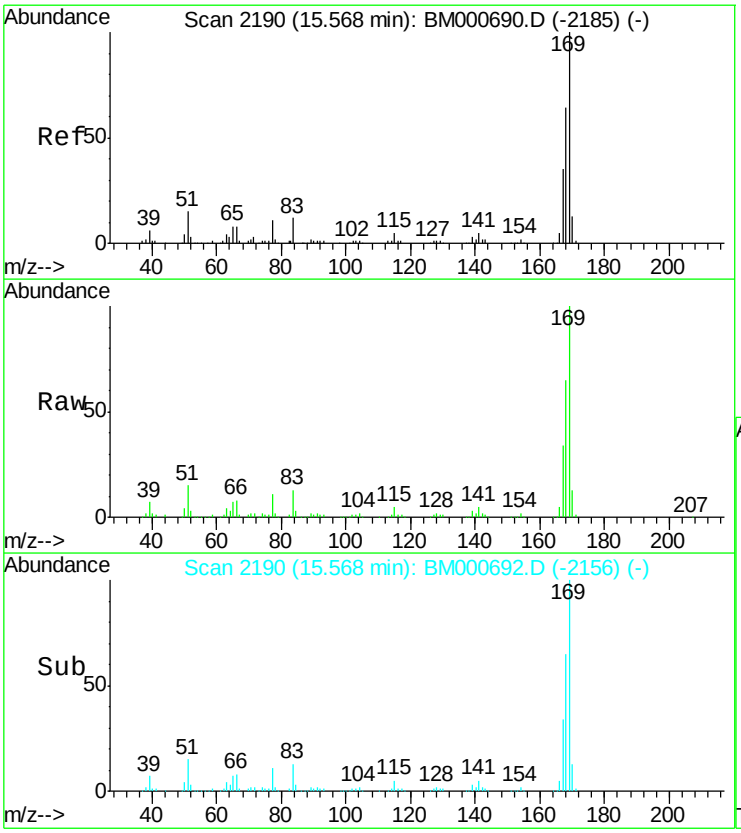
#52
4-Nitrophenol
Concen: 6.61 ng/ul
RT: 14.63 min Scan# 2031
Delta R.T. 0.11 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Instrument :
BNA_M
ClientSampleId :
X1K74

Tgt Ion:109 Resp: 19665

Ion	Ratio	Lower	Upper
109	100		
139	3.1	123.4	185.0#
65	8.5	117.8	176.6#

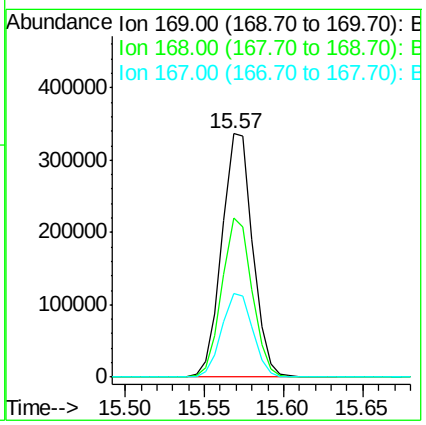


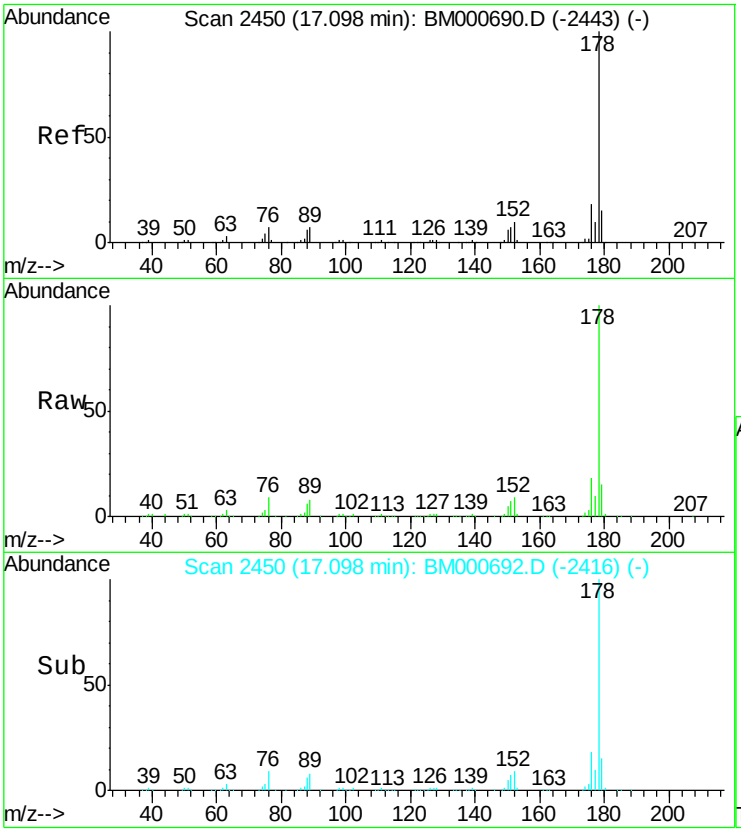


#64
N-Nitrosodiphenylamine
Concen: 22.85 ng/ul
RT: 15.57 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Tgt Ion:169 Resp: 454098

Ion	Ratio	Lower	Upper
169	100		
168	65.3	51.3	76.9
167	34.1	28.1	42.1



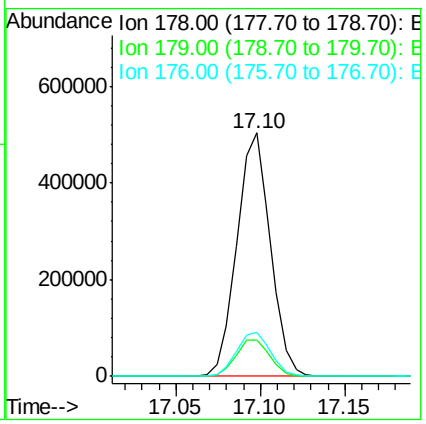


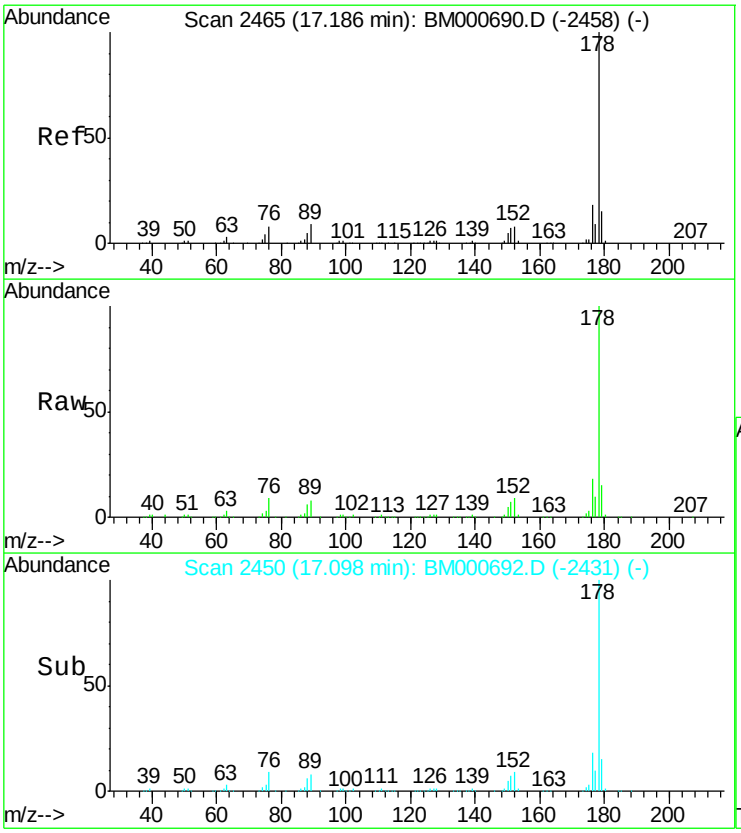
#69
Phenanthrene
Concen: 18.27 ng/ul
RT: 17.10 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Instrument :
BNA_M
ClientSampleId :
X1K74

Tgt Ion:178 Resp: 694710

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	18.3	14.6	22.0

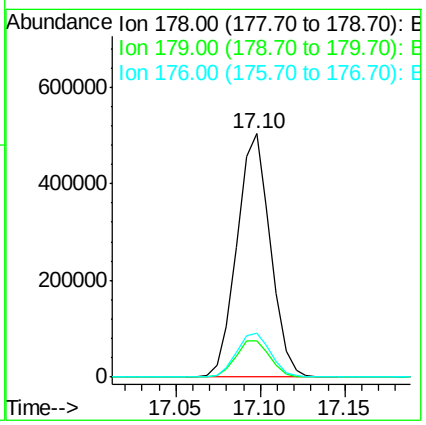


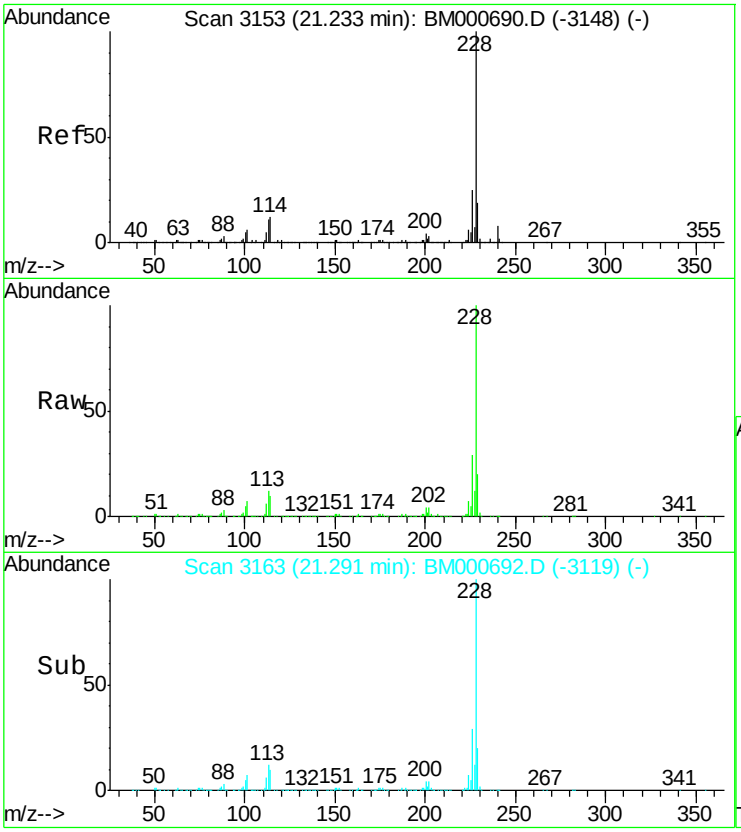


#71
Anthracene
Concen: 17.96 ng/ul
RT: 17.10 min Scan# 2450
Delta R.T. -0.09 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Tgt Ion:178 Resp: 694710

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	18.3	14.2	21.2



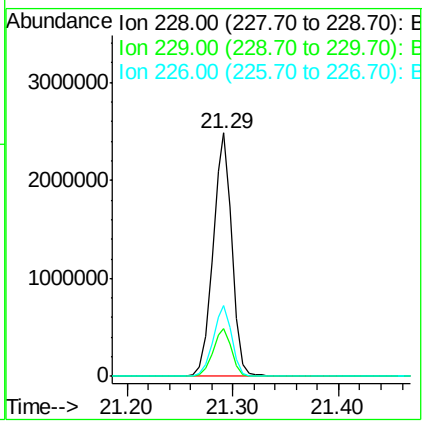


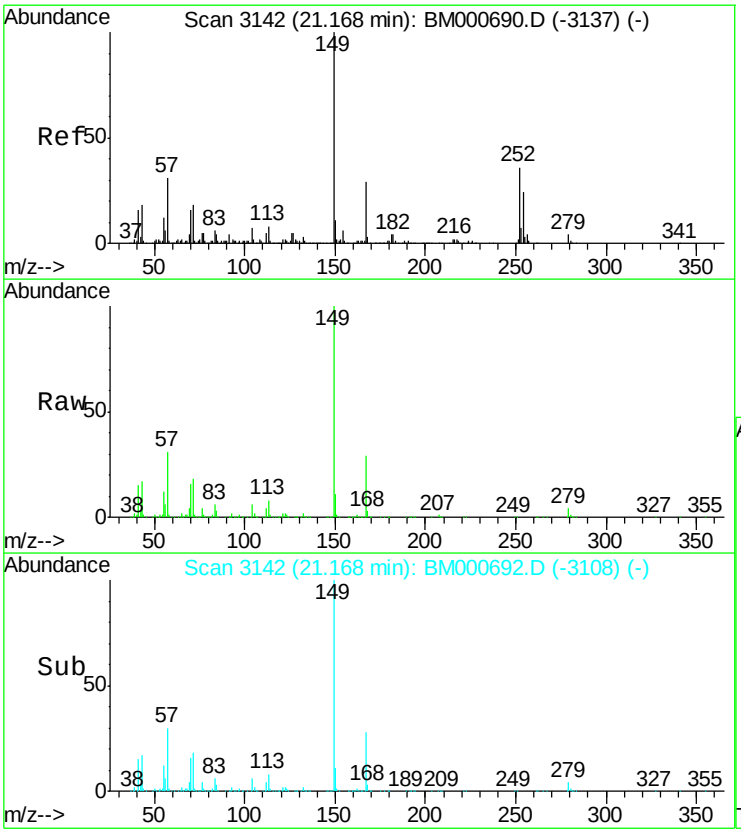
#80
Benzo(a)anthracene
Concen: 74.00 ng/ul
RT: 21.29 min Scan# 3163
Delta R.T. 0.06 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Instrument :
BNA_M
ClientSampleId :
X1K74

Tgt Ion:228 Resp: 3092492

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.2	24.4
226	29.3	20.6	30.8

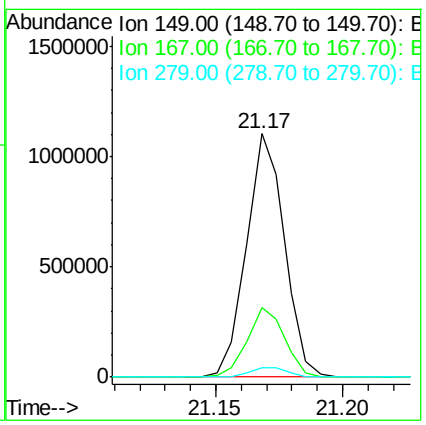


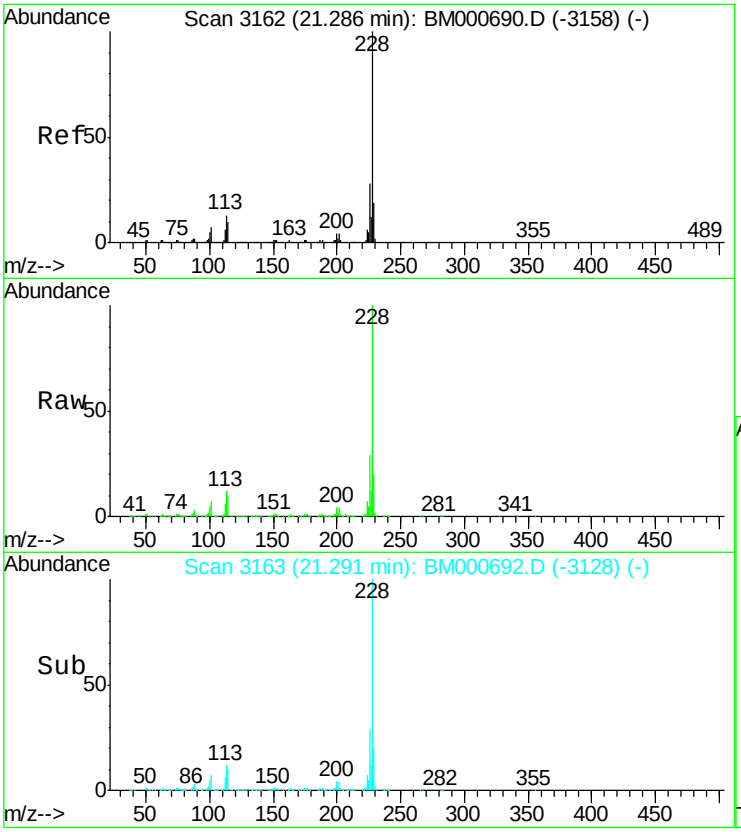


#81
Bis(2-ethylhexyl)phthalate
Concen: 54.51 ng/ul
RT: 21.17 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Tgt Ion:149 Resp: 1150229

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.8	34.2
279	3.7	3.4	5.2



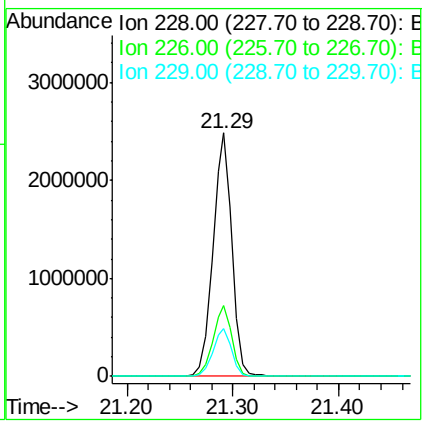


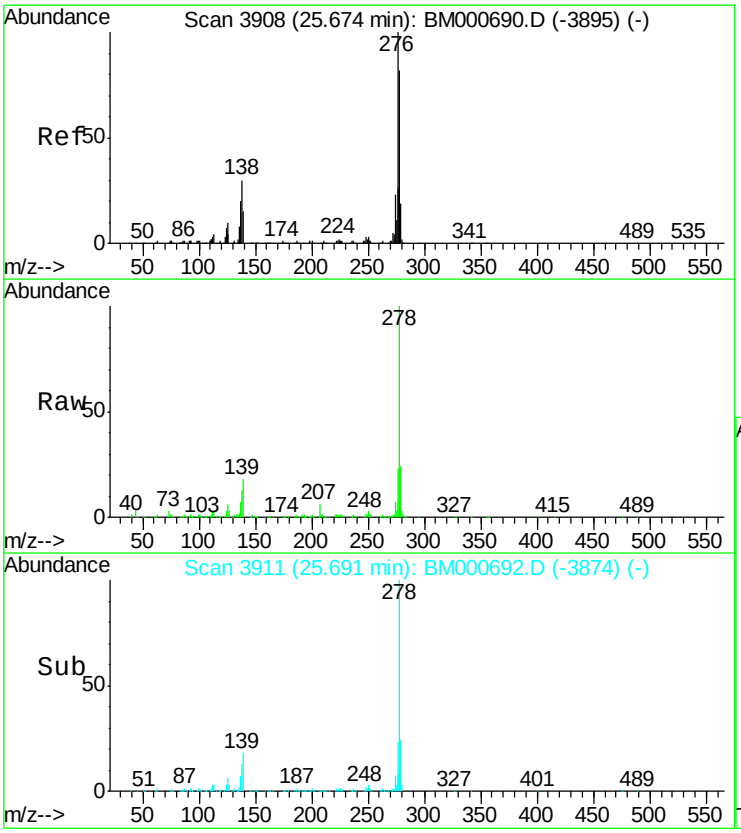
#82
Chrysene
Concen: 76.37 ng/ul
RT: 21.29 min Scan# 3163
Delta R.T. 0.01 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Instrument :
BNA_M
ClientSampleId :
X1K74

Tgt Ion:228 Resp: 3092492

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.8	34.2
229	19.8	15.7	23.5

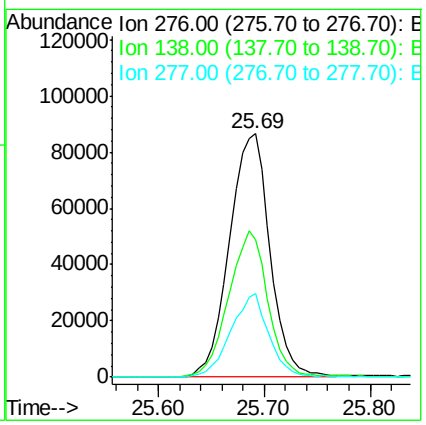


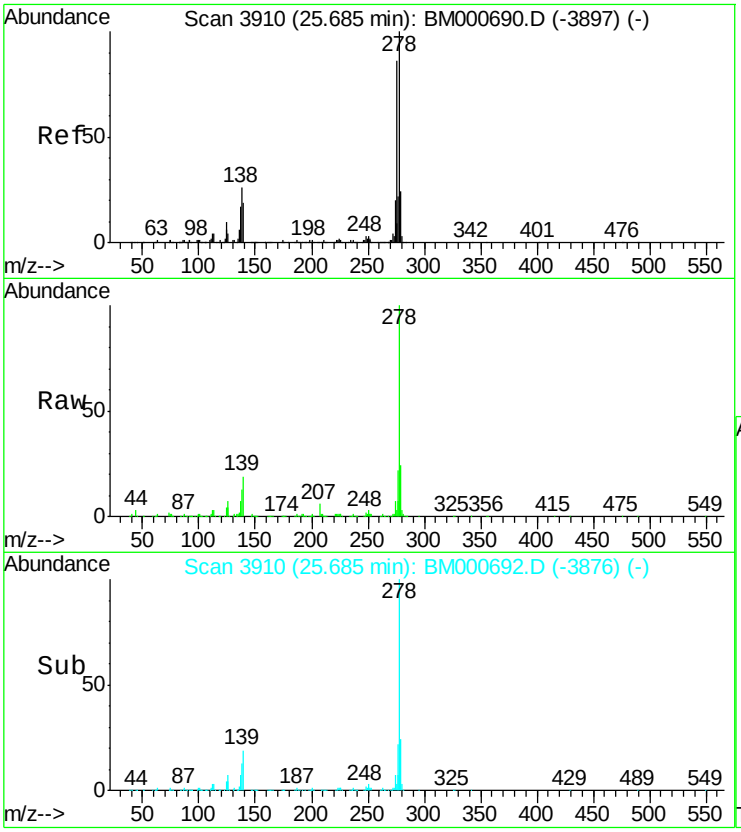


#89
Indeno(1,2,3-cd)pyrene
Concen: 5.29 ng/ul
RT: 25.69 min Scan# 3911
Delta R.T. 0.02 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Tgt Ion:276 Resp: 230120

Ion	Ratio	Lower	Upper
276	100		
138	56.5	23.9	35.9#
277	34.3	19.7	29.5#





#90
Dibenzo(a,h)anthracene
Concen: 27.76 ng/ul
RT: 25.69 min Scan# 3910
Delta R.T. -0.00 min
Lab File: BM000692.D
Acq: 11 Mar 2015 14:27

Instrument :
BNA_M
ClientSampleId :
X1K74

Tgt Ion:278 Resp: 1024141

Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.3	21.5
279	23.7	19.4	29.0