Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061515\
Data File : BM001702.D
Acq On : 15 Jun 2015 16:44
Operator : TP/IZ
Sample : G2610-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1W48

Quant Time: Jun 16 04:00:28 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 15 19:33:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	58466	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	220670	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	132285	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	316841	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	398989	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	412290	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	2594	2.12	ng/uL	0.00
5) Phenol-d5	6.83	99	49148	10.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	82783	32.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	107214	30.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	83545	23.18	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	51451	33.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	58783	35.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	123154	34.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	9137	2.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	372099	37.93	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	462396	35.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	22298	12.32	ng/ul	0.00
57) Fluorene-d10	15.32	176	342923	37.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	69388	35.85	ng/ul	0.00
70) Anthracene-d10	17.17	188	577466	39.13	ng/ul	0.00
78) Pyrene-d10	19.46	212	675659	39.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	726767	39.99	ng/ul	0.00
Target Compounds						Qvalue
8) Bis(2-Chloroethyl)ether	7.10	93	114413	32.87	ng/ul	99
20) Nitrobenzene	8.87	77	123972	29.98	ng/ul	98
24) 2,4-Dimethylphenol	9.63	107	152402	36.05	ng/ul	96
27) 2,4-Dichlorophenol	10.10	162	129206	37.25	ng/ul	95
28) Naphthalene	10.51	128	396485	35.58	ng/ul	99
39) 2,4,5-Trichlorophenol	12.81	196	124265	39.48	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	838729	77.68	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	346922	40.98	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	59490	29.52	ng/ul	96
47) Acenaphthylene	14.05	152	528534	40.31	ng/ul	100
56) Diethylphthalate	15.15	149	546452	53.60	ng/ul	98
69) Phenanthrene	17.11	178	844970	49.18	ng/ul	99
74) Carbazole	17.47	167	673151	43.49	ng/ul	99
76) Fluoranthene	19.13	202	990871	48.22	ng/ul	98
84) Chrysene	21.30	228	1481916	67.06	ng/ul	99

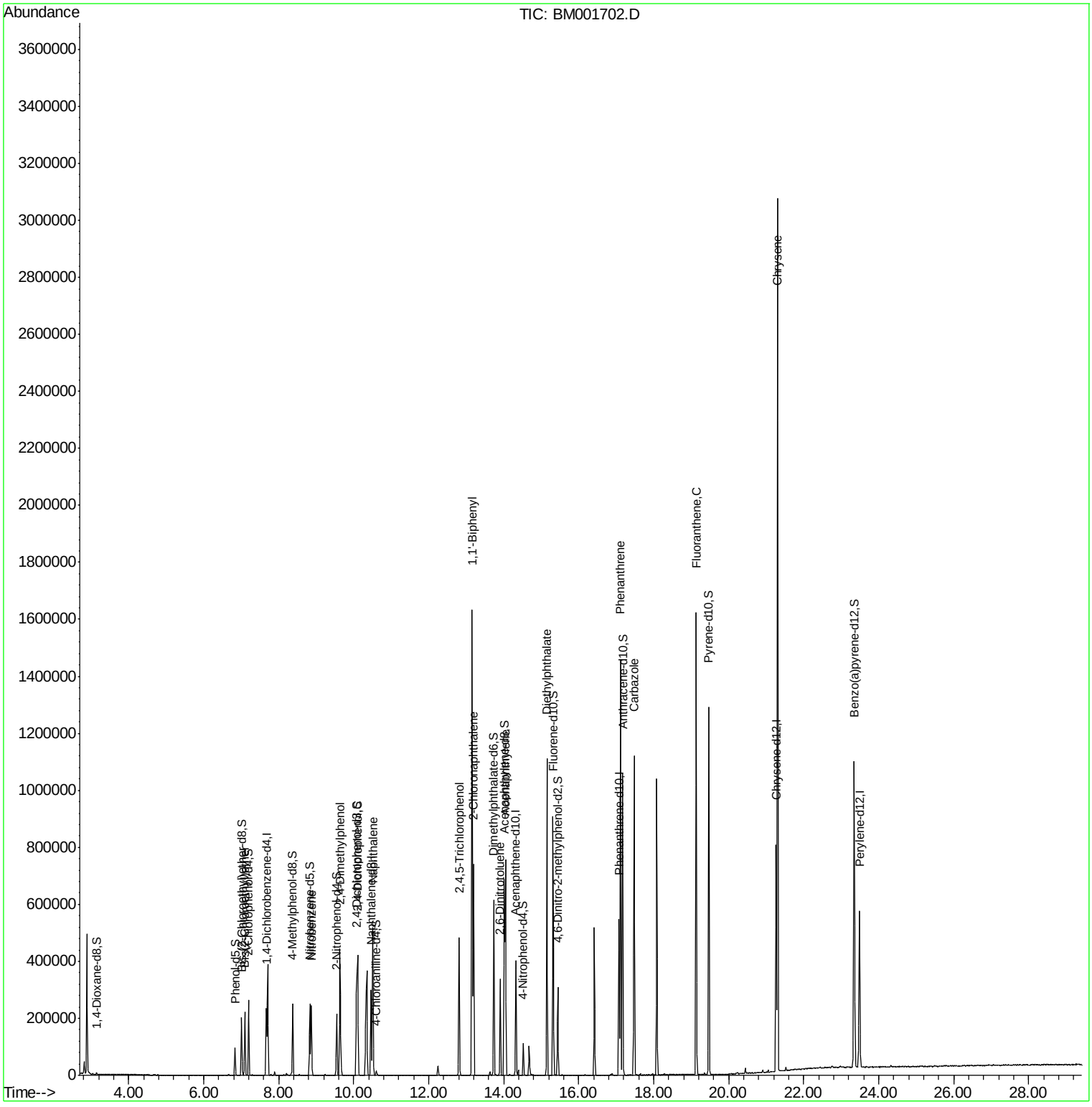
(#) = qualifier out of range (m) = manual integration (+) = signals summed

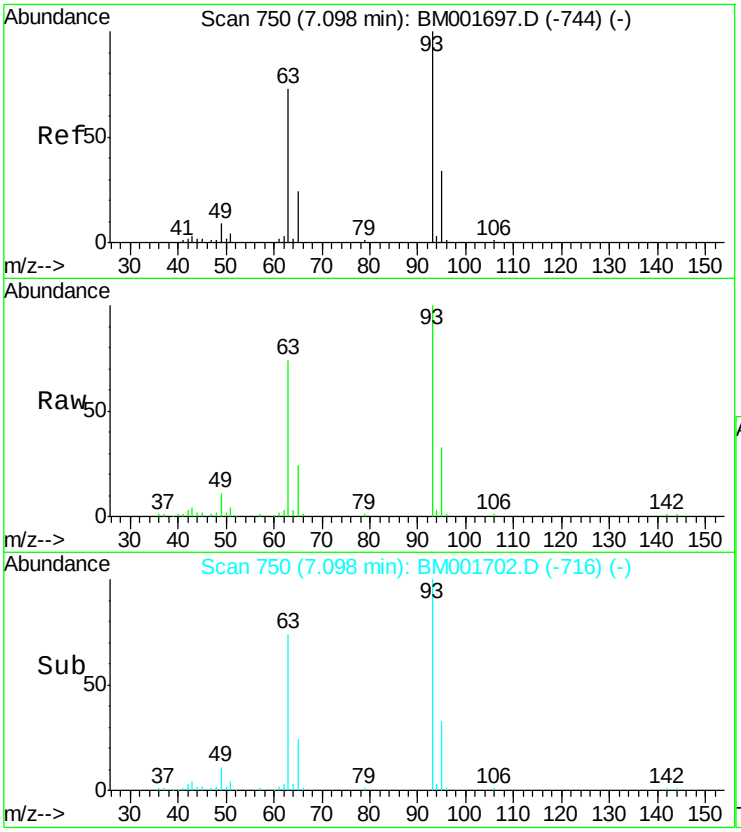
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061515\
Data File : BM001702.D
Acq On : 15 Jun 2015 16:44
Operator : TP/IZ
Sample : G2610-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1W48

Quant Time: Jun 16 04:00:28 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 15 19:33:44 2015
Response via : Initial Calibration



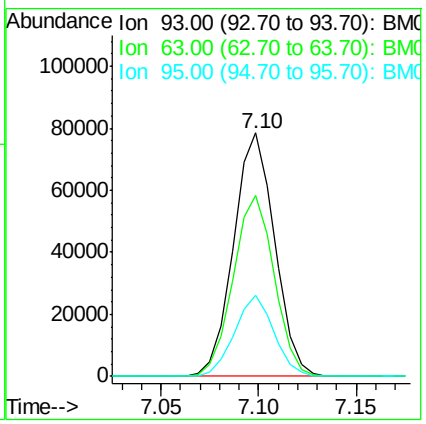


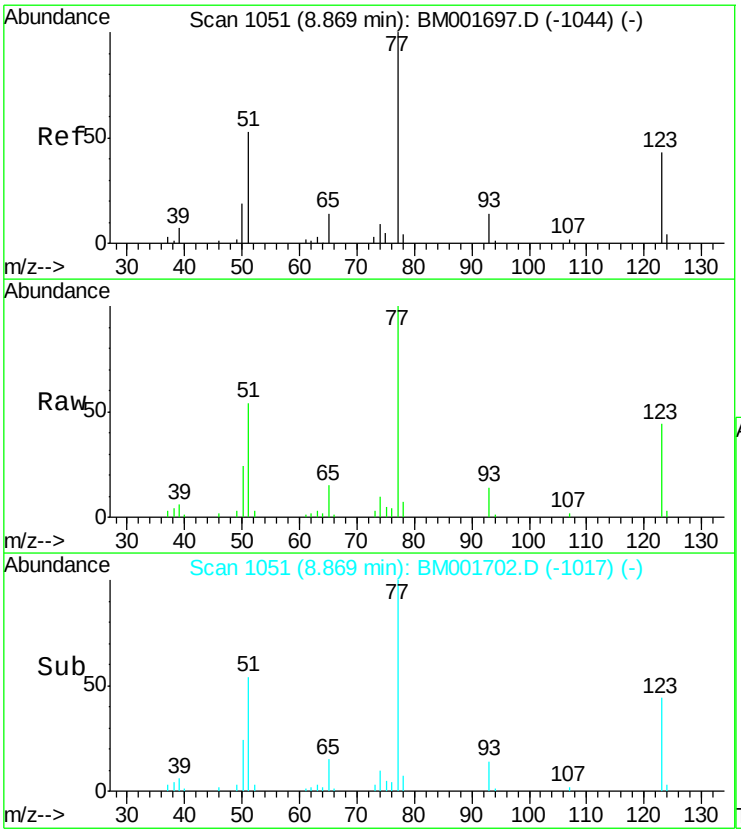
#8
Bis(2-Chloroethyl)ether
Concen: 32.87 ng/ul
RT: 7.10 min Scan# 750
Delta R.T. 0.00 min
Lab File: BM001702.D
Acq: 15 Jun 2015 16:44

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion: 93 Resp: 114413

Ion	Ratio	Lower	Upper
93	100		
63	74.2	58.7	88.1
95	33.2	27.0	40.6

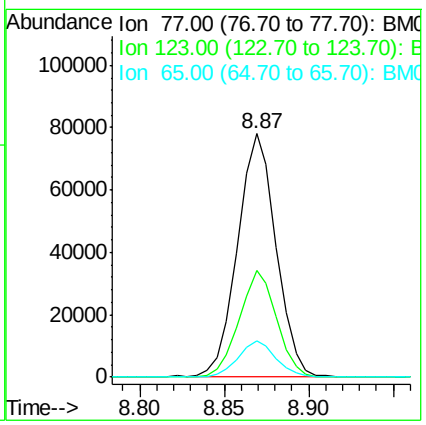


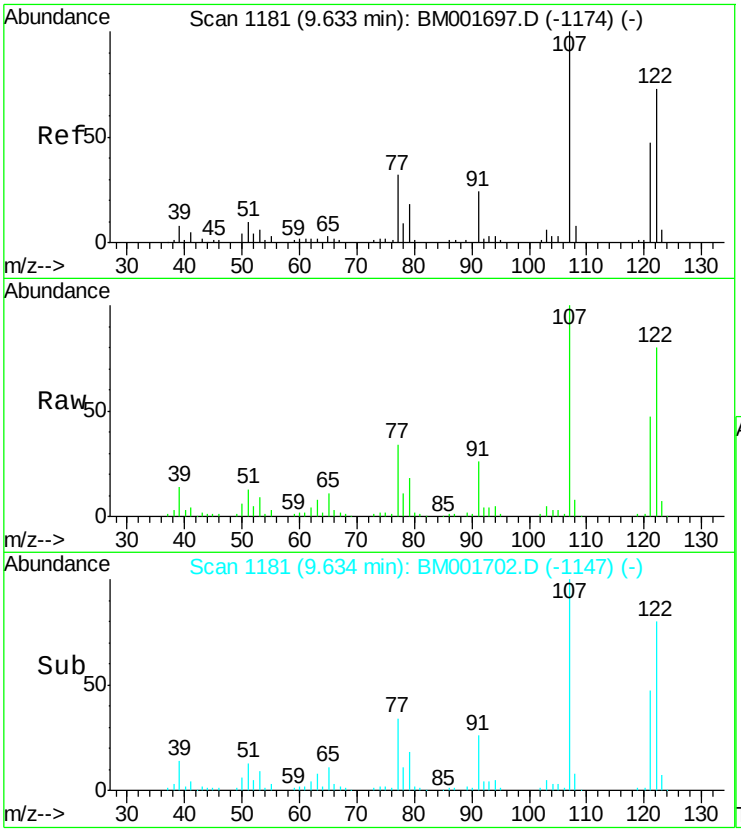


#20
Nitrobenzene
Concen: 29.98 ng/ul
RT: 8.87 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BM001702.D
Acq: 15 Jun 2015 16:44

Tgt Ion: 77 Resp: 123972

Ion	Ratio	Lower	Upper
77	100		
123	43.6	34.0	51.0
65	15.0	11.3	16.9



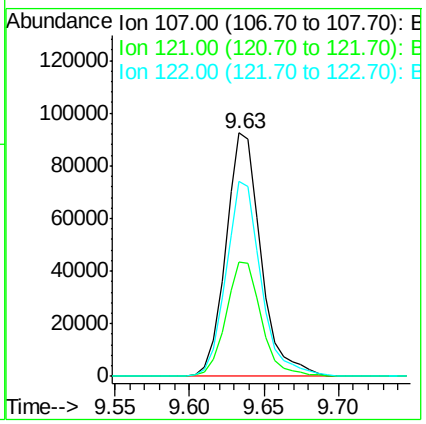


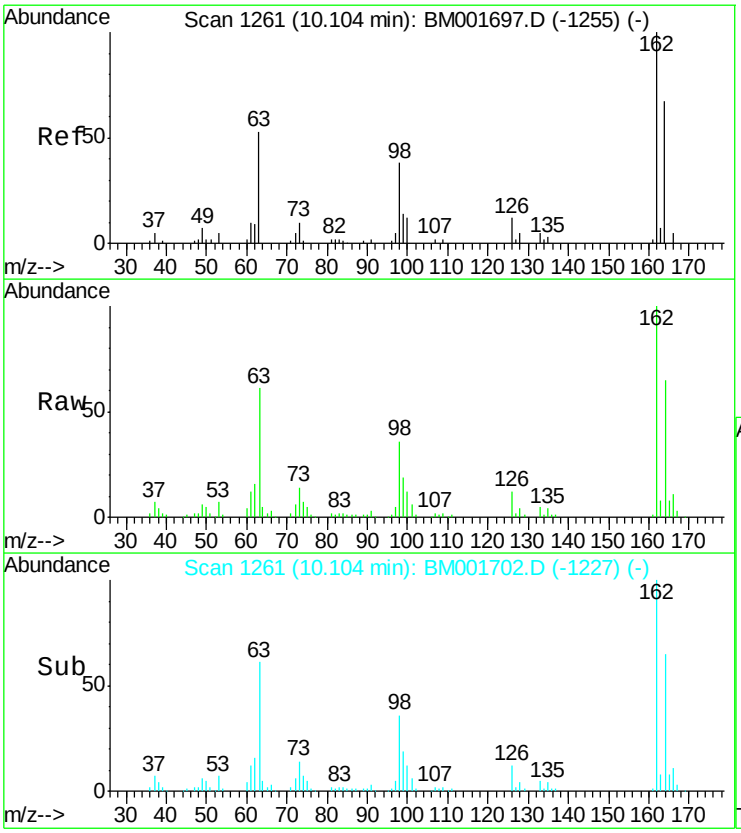
#24
2,4-Dimethylphenol
Concen: 36.05 ng/ul
RT: 9.63 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BM001702.D
Acq: 15 Jun 2015 16:44

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:107 Resp: 152402

Ion	Ratio	Lower	Upper
107	100		
121	47.0	37.4	56.2
122	79.9	59.2	88.8

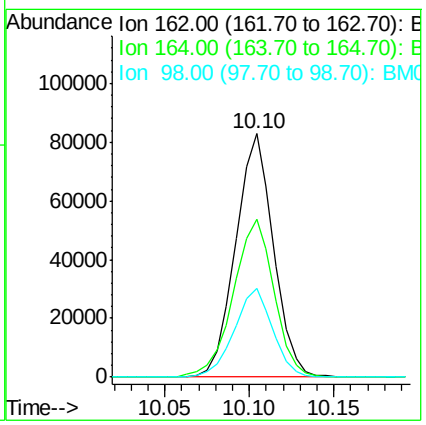


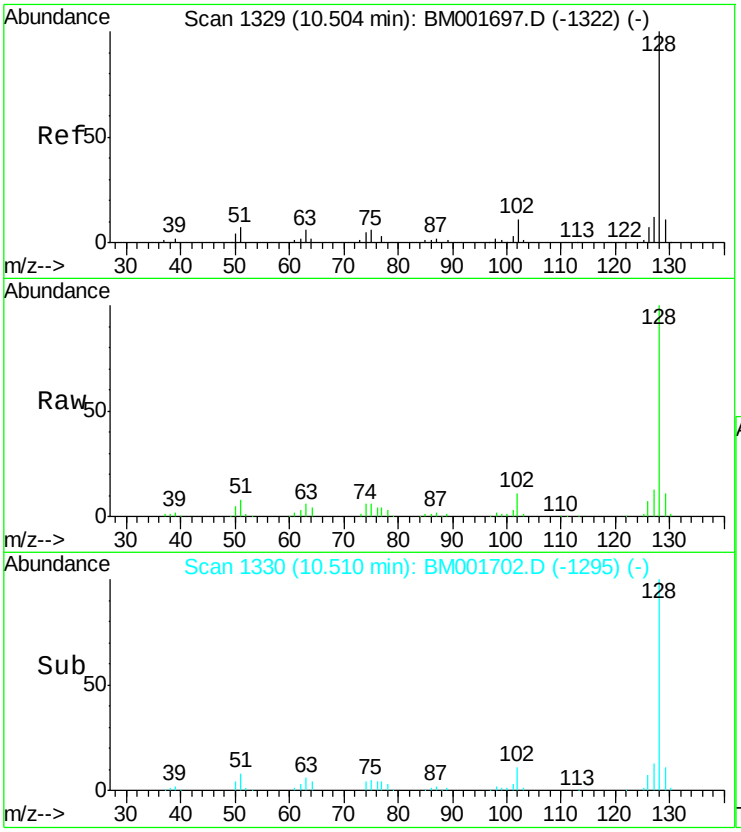


#27
2,4-Dichlorophenol
Concen: 37.25 ng/ul
RT: 10.10 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BM001702.D
Acq: 15 Jun 2015 16:44

Tgt Ion:162 Resp: 129206

Ion	Ratio	Lower	Upper
162	100		
164	64.9	55.1	82.7
98	36.2	30.8	46.2



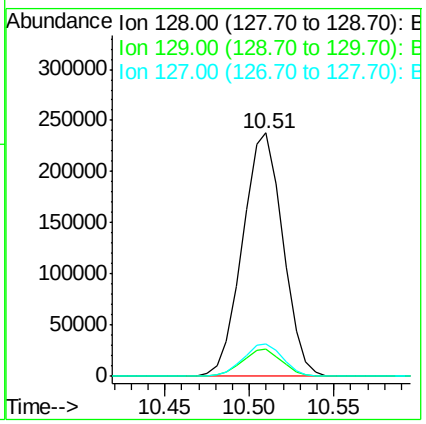


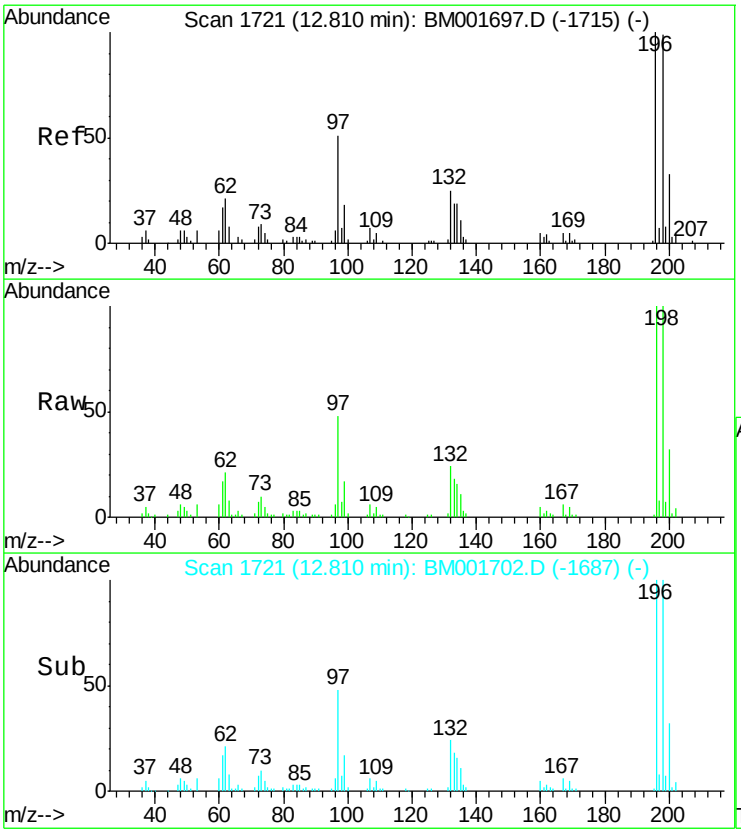
#28
Naphthalene
Concen: 35.58 ng/ul
RT: 10.51 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BM001702.D
Acq: 15 Jun 2015 16:44

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:128 Resp: 396485

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.1	10.0	15.0

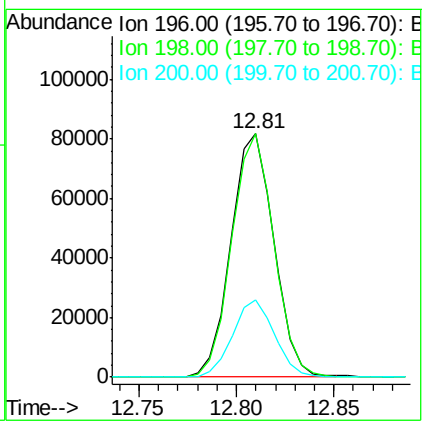


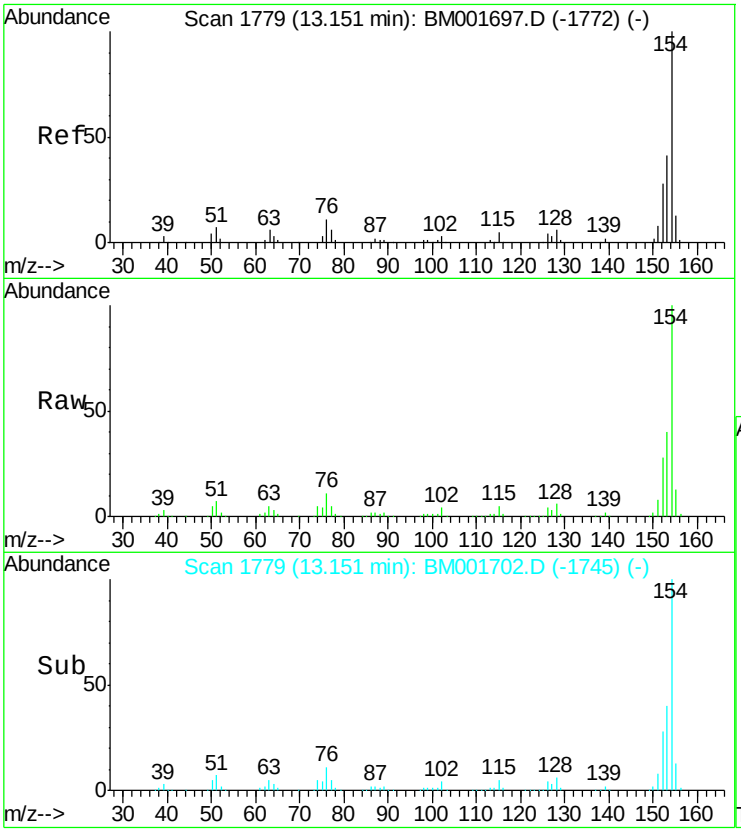


#39
2,4,5-Trichlorophenol
Concen: 39.48 ng/ul
RT: 12.81 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BM001702.D
Acq: 15 Jun 2015 16:44

Tgt Ion:196 Resp: 124265

Ion	Ratio	Lower	Upper
196	100		
198	100.1	79.0	118.4
200	31.8	26.2	39.4



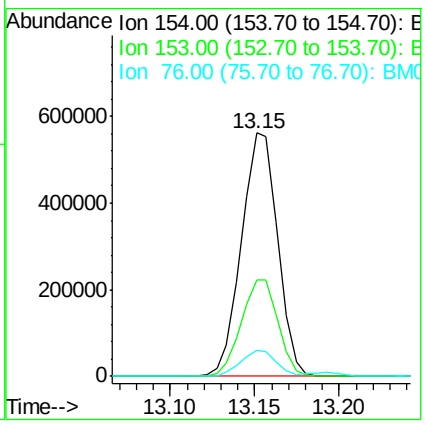


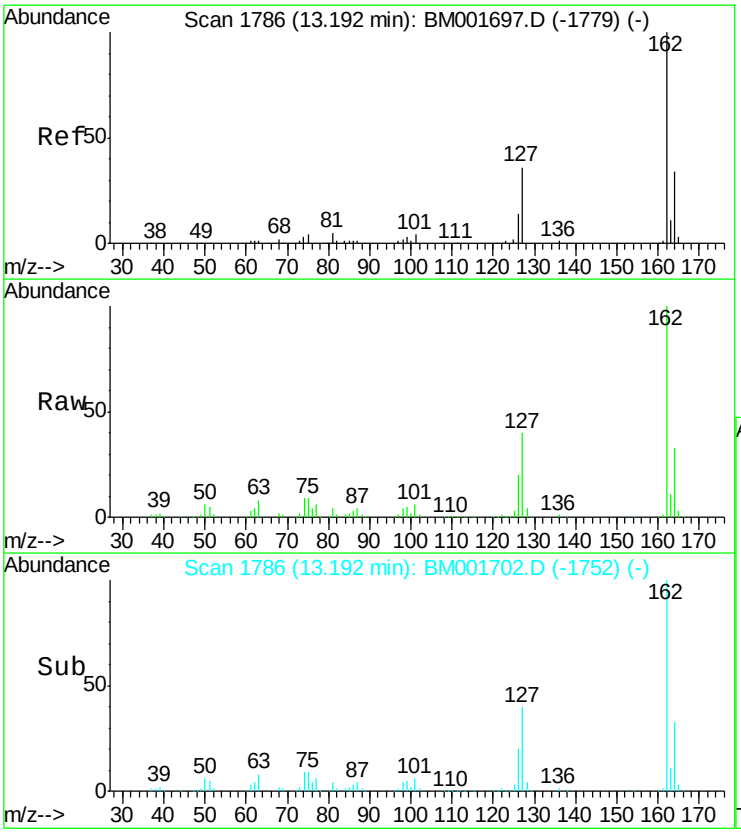
#40
1,1'-Biphenyl
Concen: 77.68 ng/ul
RT: 13.15 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BM001702.D
Acq: 15 Jun 2015 16:44

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:154 Resp: 838729

Ion	Ratio	Lower	Upper
154	100		
153	39.8	32.5	48.7
76	10.6	9.0	13.6

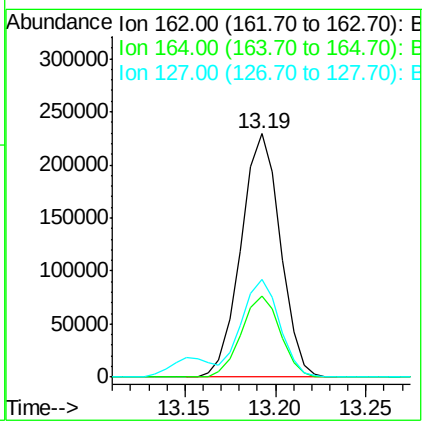


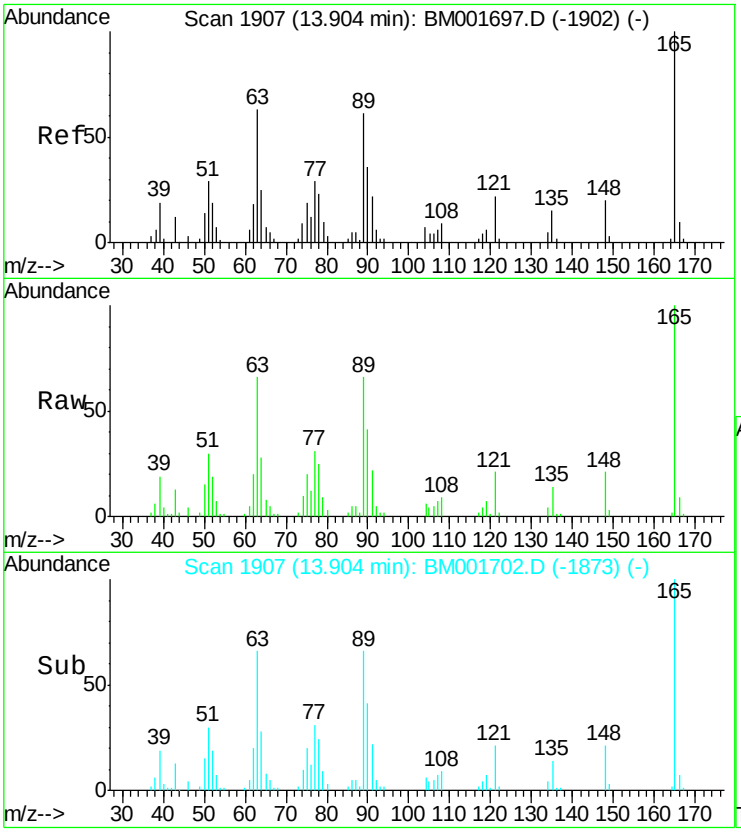


#41
2-Chloronaphthalene
Concen: 40.98 ng/ul
RT: 13.19 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BM001702.D
Acq: 15 Jun 2015 16:44

Tgt Ion:162 Resp: 346922

Ion	Ratio	Lower	Upper
162	100		
164	33.1	27.2	40.8
127	40.0	32.6	49.0



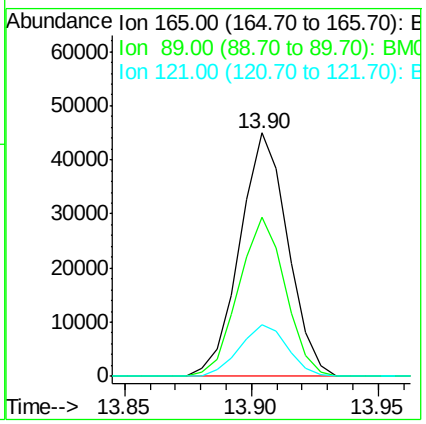


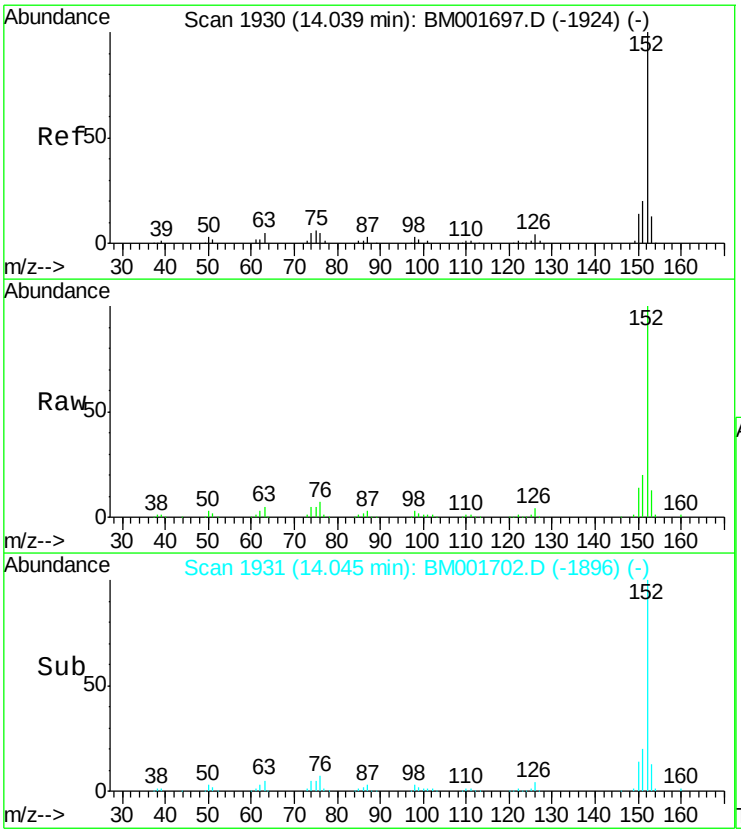
#45
2,6-Dinitrotoluene
Concen: 29.52 ng/ul
RT: 13.90 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BM001702.D
Acq: 15 Jun 2015 16:44

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:165 Resp: 59490

Ion	Ratio	Lower	Upper
165	100		
89	65.6	49.1	73.7
121	21.2	17.4	26.2

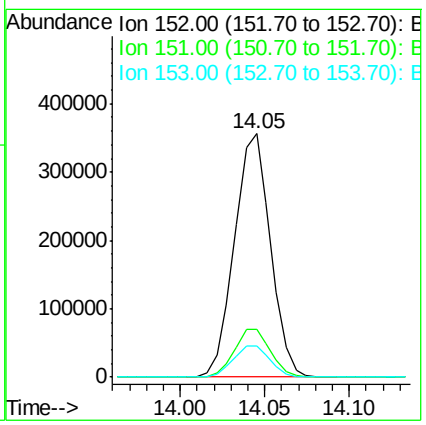


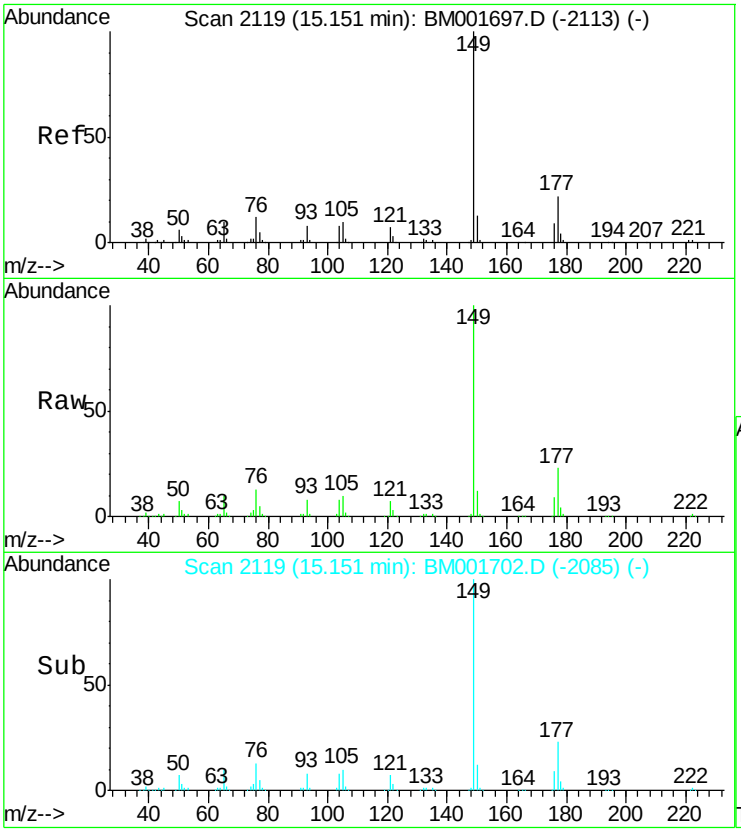


#47
Acenaphthylene
Concen: 40.31 ng/ul
RT: 14.05 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BM001702.D
Acq: 15 Jun 2015 16:44

Tgt Ion:152 Resp: 528534

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	12.5	10.0	15.0



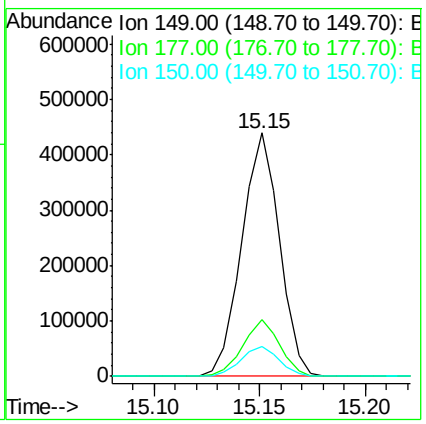


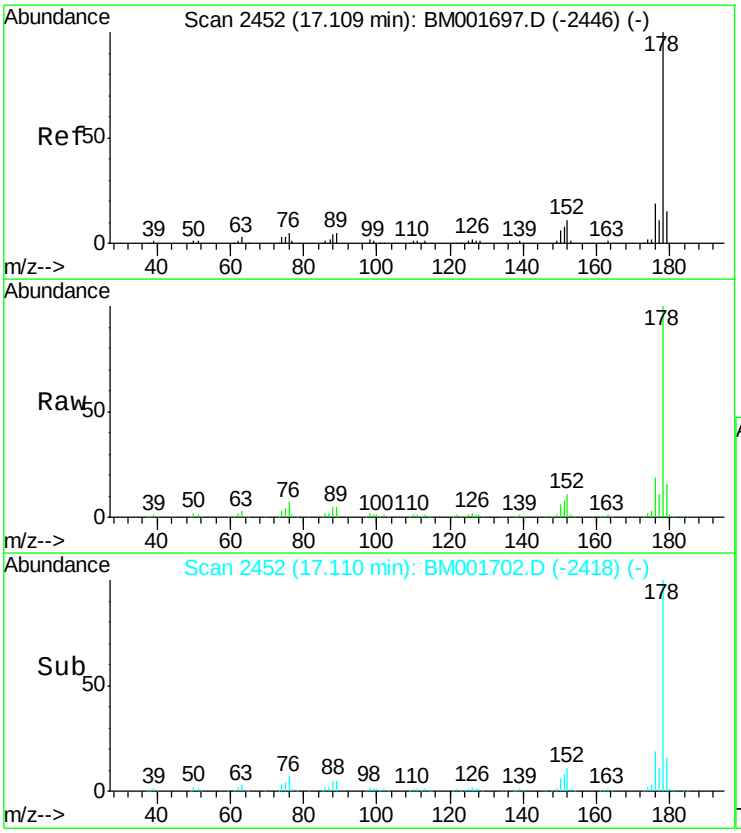
#56
Diethylphthalate
Concen: 53.60 ng/ul
RT: 15.15 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BM001702.D
Acq: 15 Jun 2015 16:44

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:149 Resp: 546452

Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.3	25.9
150	12.4	10.1	15.1

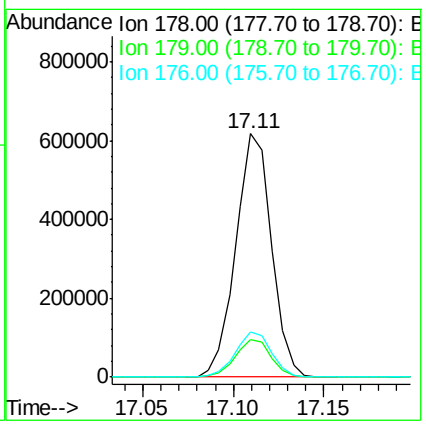


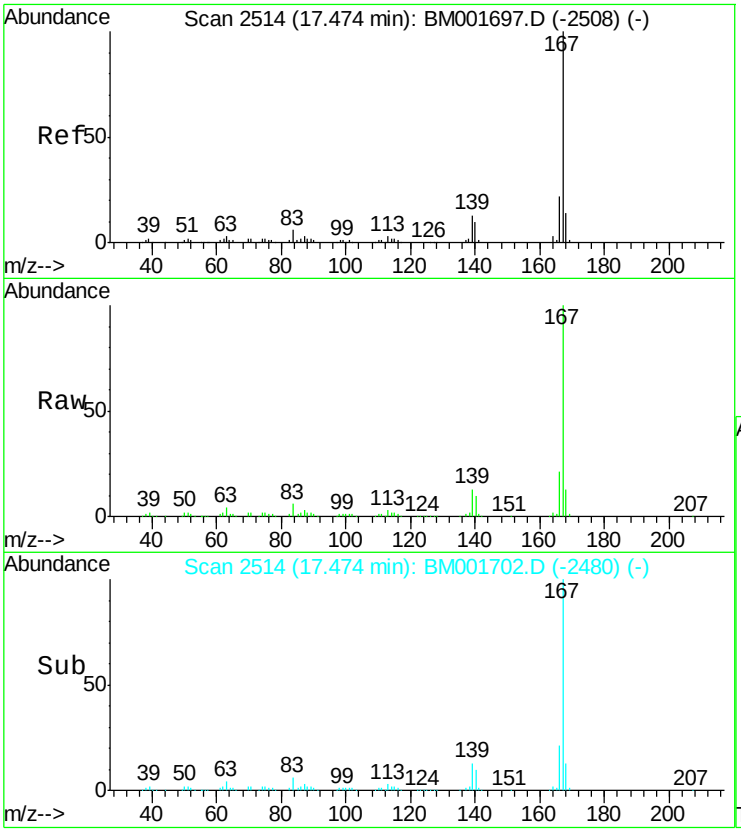


#69
Phenanthrene
Concen: 49.18 ng/ul
RT: 17.11 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BM001702.D
Acq: 15 Jun 2015 16:44

Tgt Ion:178 Resp: 844970

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.9	17.9
176	18.6	15.2	22.8



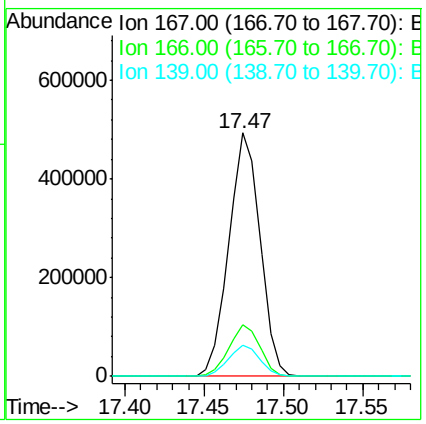


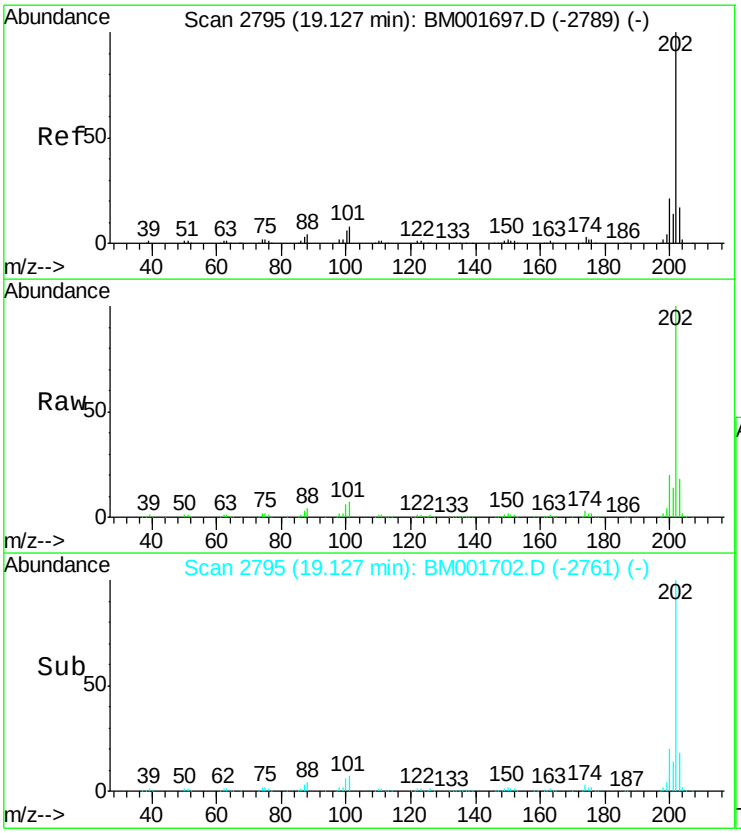
#74
Carbazole
Concen: 43.49 ng/ul
RT: 17.47 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BM001702.D
Acq: 15 Jun 2015 16:44

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:167 Resp: 673151

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.2
139	13.0	10.1	15.1

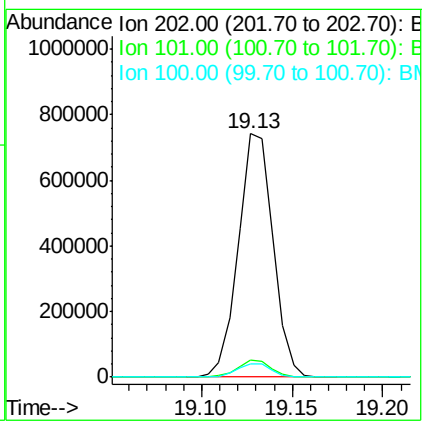


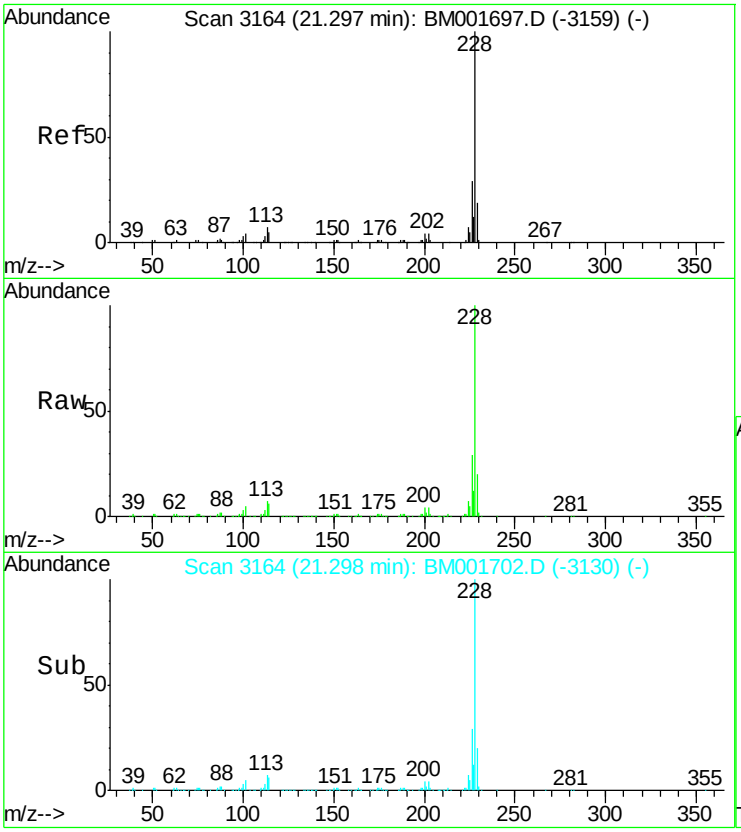


#76
Fluoranthene
Concen: 48.22 ng/ul
RT: 19.13 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BM001702.D
Acq: 15 Jun 2015 16:44

Tgt Ion:202 Resp: 990871

Ion	Ratio	Lower	Upper
202	100		
101	6.8	6.1	9.1
100	5.6	4.8	7.2





#84
Chrysene
Concen: 67.06 ng/ul
RT: 21.30 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM001702.D
Acq: 15 Jun 2015 16:44

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:228 Resp: 1481916

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	19.9	15.4	23.2