Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061615\
Data File : BM001708.D
Acq On : 16 Jun 2015 11:26
Operator : TP/IZ
Sample : G2610-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1W48

Quant Time: Jun 17 05:23:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 17 05:22:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	62716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	242958	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	143614	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	340933	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	412680	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	449822	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	2511	1.91	ng/uL	0.00
5) Phenol-d5	6.83	99	52031	10.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	88488	32.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	113248	29.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	91005	23.54	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	56158	33.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	65337	35.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	135401	34.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	9394	2.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	403076	37.85	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	499316	35.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	23838	12.13	ng/ul	0.00
57) Fluorene-d10	15.32	176	370731	37.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	73338	35.21	ng/ul	0.00
70) Anthracene-d10	17.17	188	616535	38.82	ng/ul	0.00
78) Pyrene-d10	19.46	212	715679	40.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	789365	39.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.89	88	3568	2.38	ng/uL#	1
8) Bis(2-Chloroethyl)ether	7.09	93	121165	32.45	ng/ul	97
20) Nitrobenzene	8.87	77	135463	29.75	ng/ul	100
24) 2,4-Dimethylphenol	9.63	107	167754	36.04	ng/ul	95
27) 2,4-Dichlorophenol	10.10	162	142858	37.41	ng/ul	95
28) Naphthalene	10.50	128	441886	36.02	ng/ul	100
38) 2,4,6-Trichlorophenol	12.80	196	134333	43.02	ng/ul	96
39) 2,4,5-Trichlorophenol	12.80	196	134333	39.31	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	921914	78.65	ng/ul	100
41) 2-Chloronaphthalene	13.19	162	378904	41.23	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	65043	29.72	ng/ul	94
47) Acenaphthylene	14.04	152	575022	40.40	ng/ul	99
56) Diethylphthalate	15.15	149	585402	52.89	ng/ul	98
69) Phenanthrene	17.11	178	909682	49.21	ng/ul	99
71) Anthracene	17.11	178	909682	47.93	ng/ul	98
74) Carbazole	17.47	167	718592	43.15	ng/ul	99
76) Fluoranthene	19.13	202	1044804	47.25	ng/ul	99
82) Benzo(a)anthracene	21.30	228	1558122	64.62	ng/ul	95
84) Chrysene	21.30	228	1558122	68.17	ng/ul	99

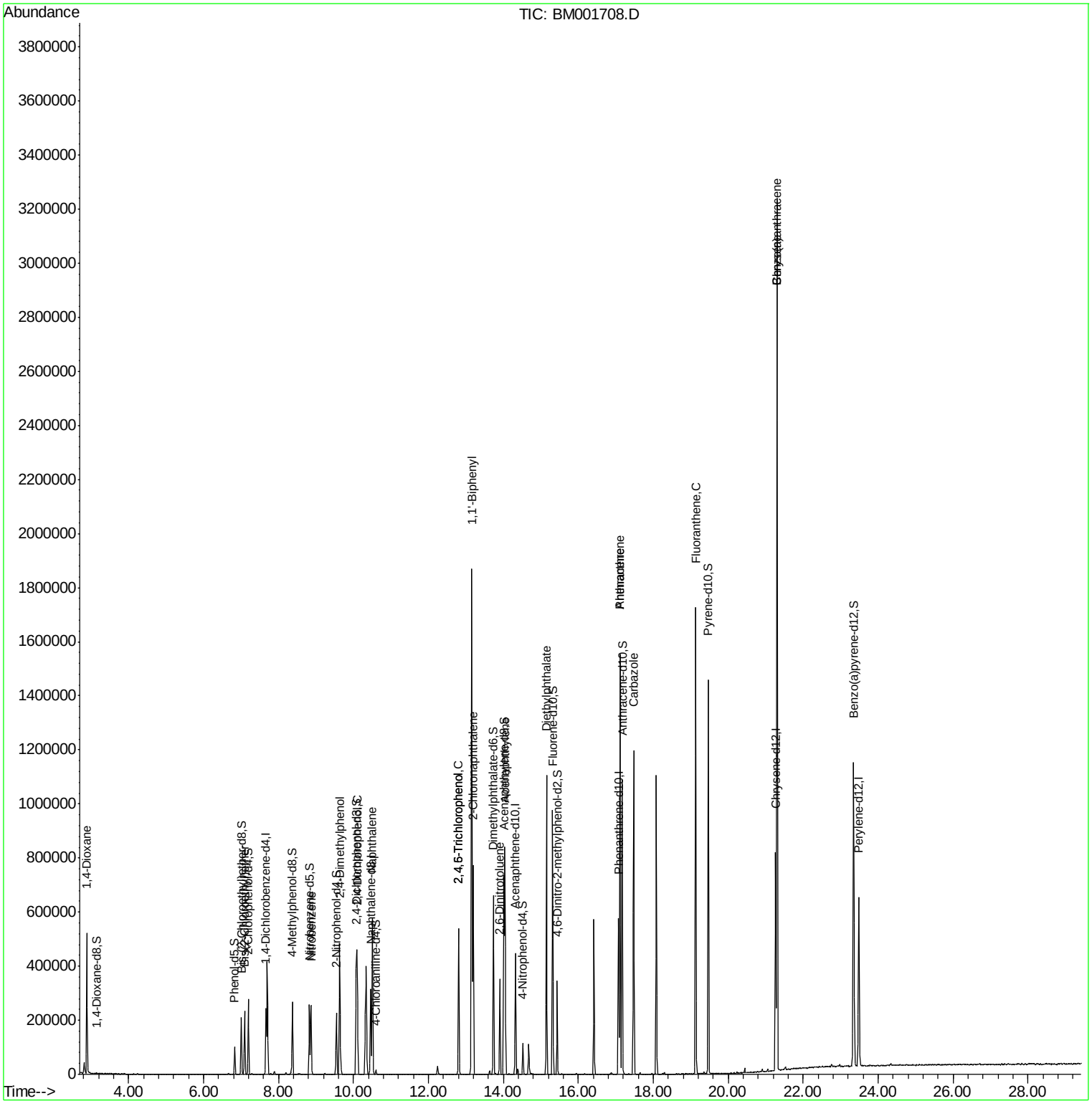
(#) = qualifier out of range (m) = manual integration (+) = signals summed

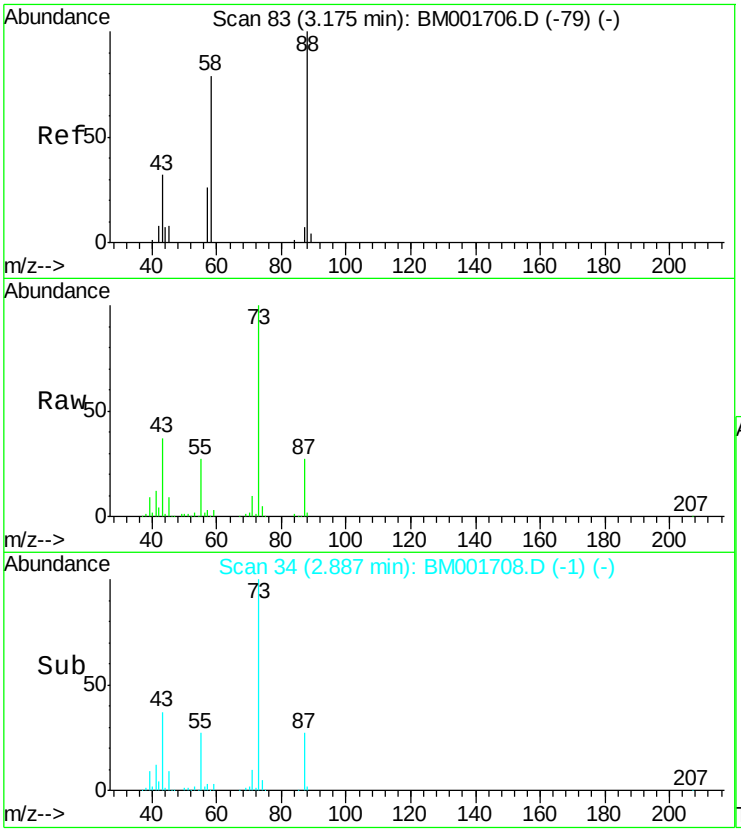
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061615\
Data File : BM001708.D
Acq On : 16 Jun 2015 11:26
Operator : TP/IZ
Sample : G2610-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1W48

Quant Time: Jun 17 05:23:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 17 05:22:36 2015
Response via : Initial Calibration



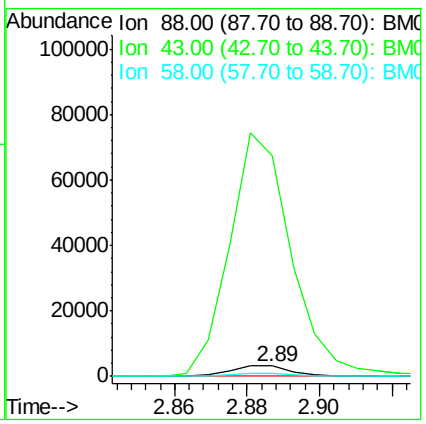


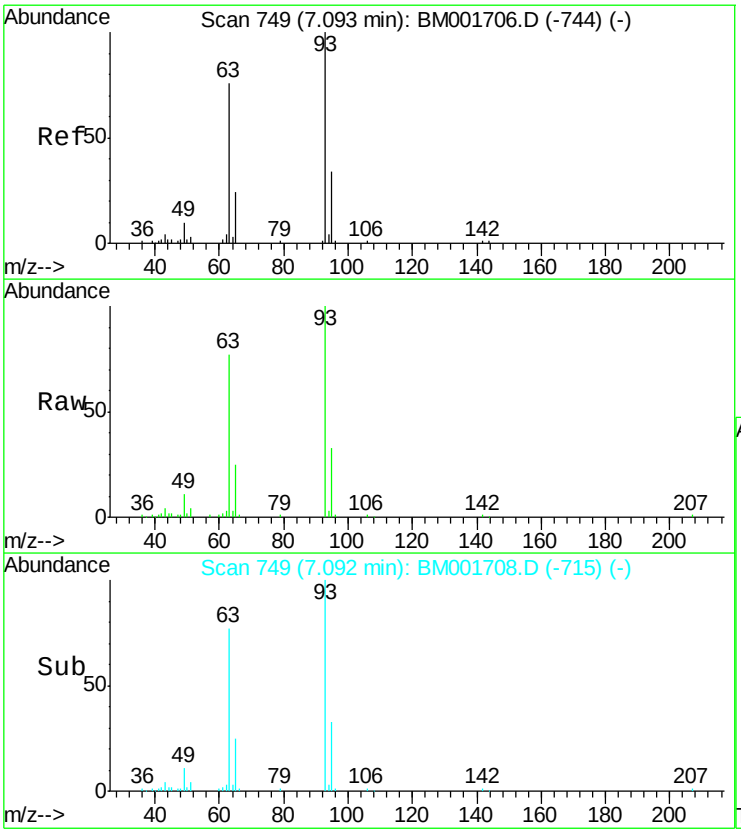
#2
1,4-Dioxane
Concen: 2.38 ng/uL
RT: 2.89 min Scan# 34
Delta R.T. -0.29 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion: 88 Resp: 3568

Ion	Ratio	Lower	Upper
88	100		
43	2474.7	24.2	36.4#
58	29.7	56.2	84.2#

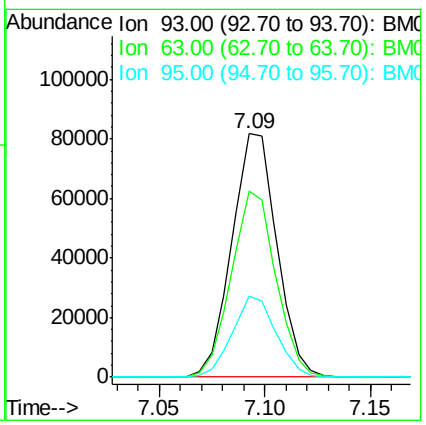


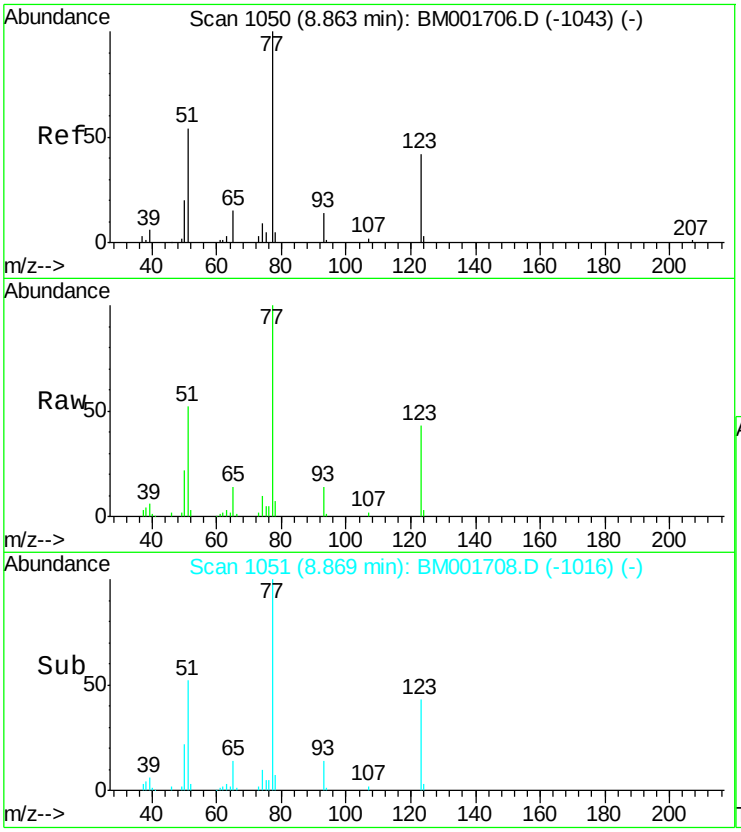


#8
Bis(2-Chloroethyl)ether
Concen: 32.45 ng/ul
RT: 7.09 min Scan# 749
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Tgt Ion: 93 Resp: 121165

Ion	Ratio	Lower	Upper
93	100		
63	76.6	58.7	88.1
95	33.2	27.0	40.6



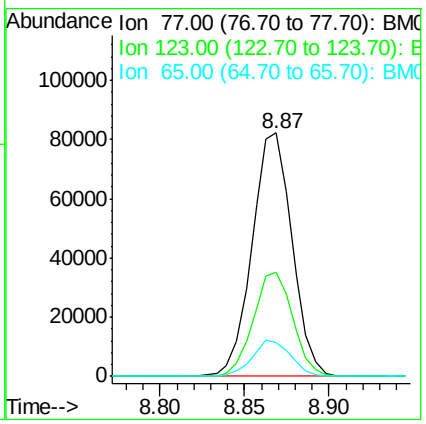


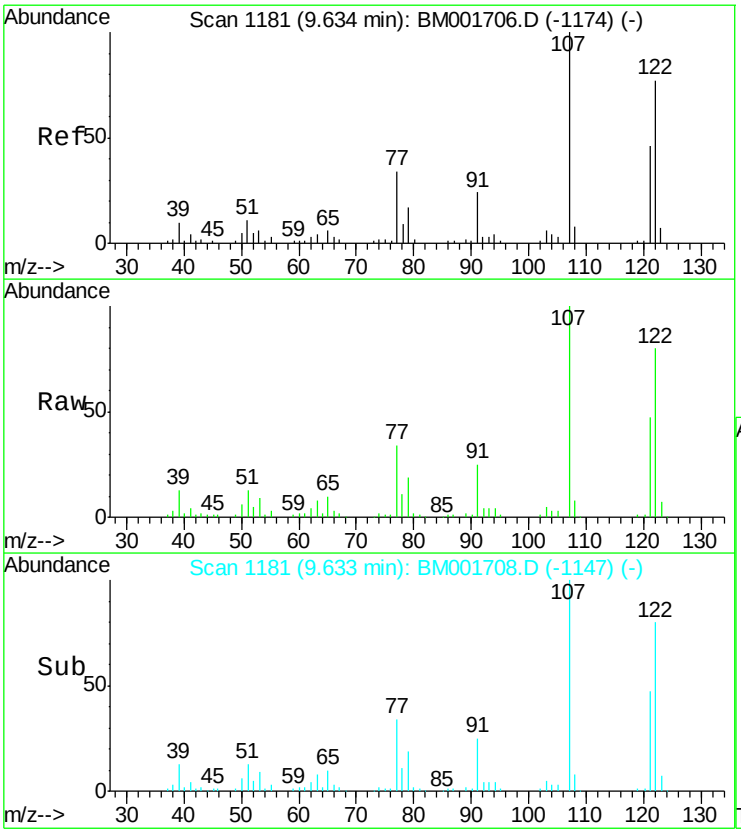
#20
Nitrobenzene
Concen: 29.75 ng/ul
RT: 8.87 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion: 77 Resp: 135463

Ion	Ratio	Lower	Upper
77	100		
123	42.7	34.0	51.0
65	14.0	11.3	16.9

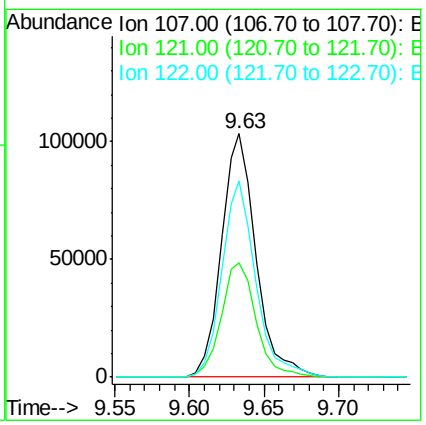


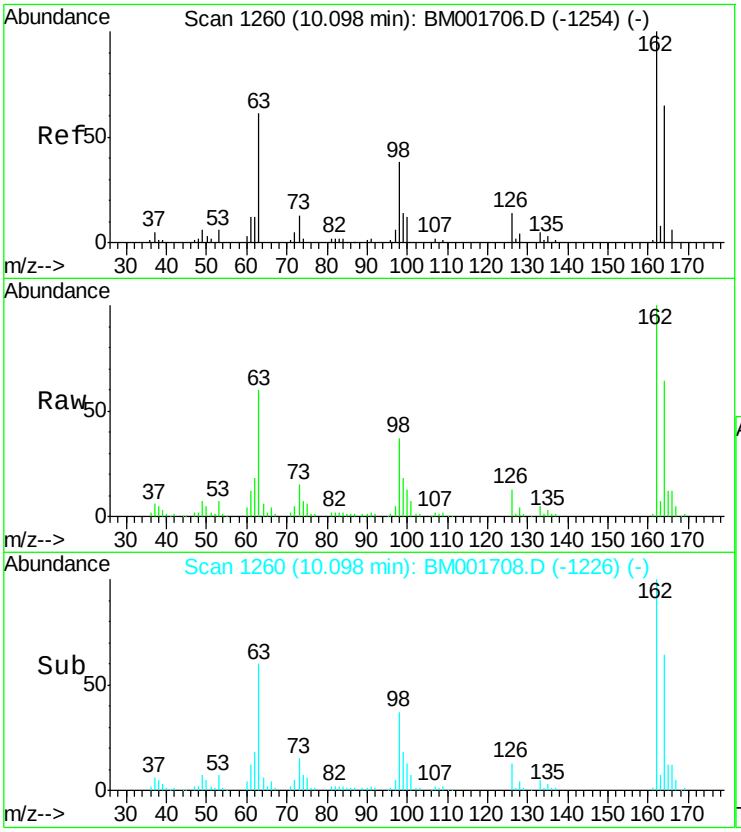


#24
2,4-Dimethylphenol
Concen: 36.04 ng/ul
RT: 9.63 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Tgt Ion:107 Resp: 167754

Ion	Ratio	Lower	Upper
107	100		
121	46.8	37.4	56.2
122	80.5	59.2	88.8



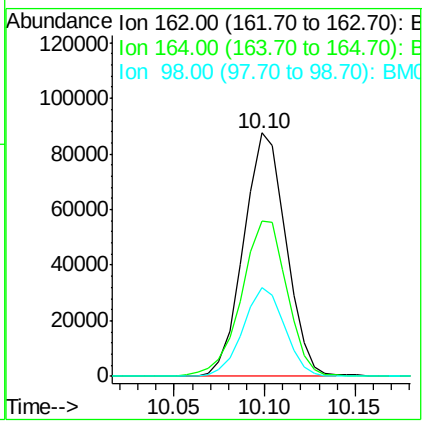


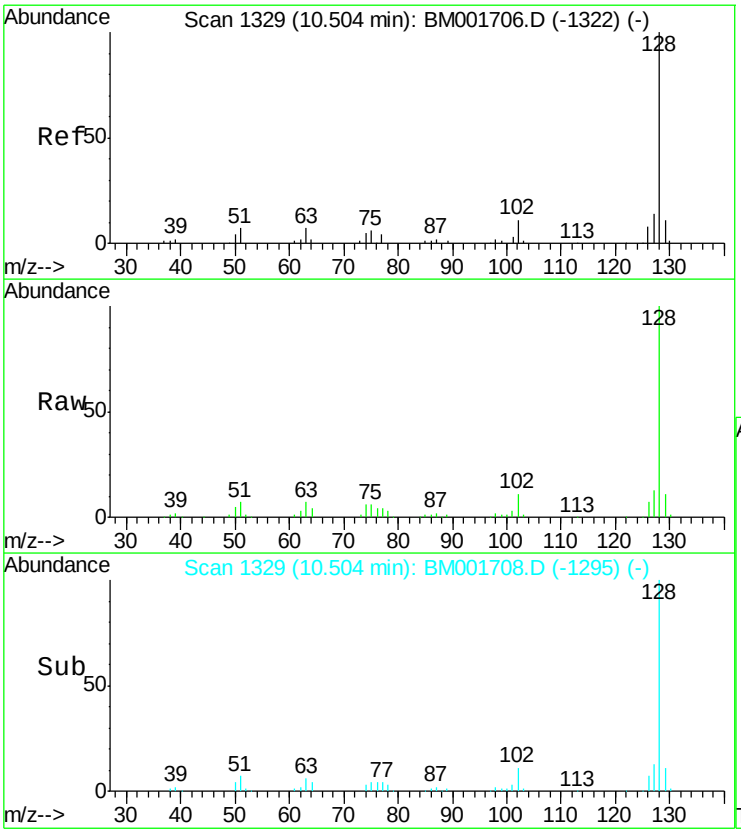
#27
2,4-Dichlorophenol
Concen: 37.41 ng/ul
RT: 10.10 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:162 Resp: 142858

Ion	Ratio	Lower	Upper
162	100		
164	63.9	55.1	82.7
98	36.6	30.8	46.2

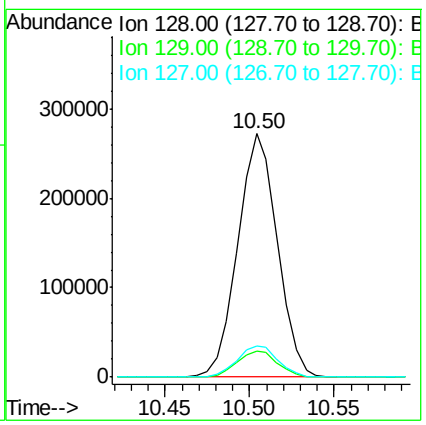


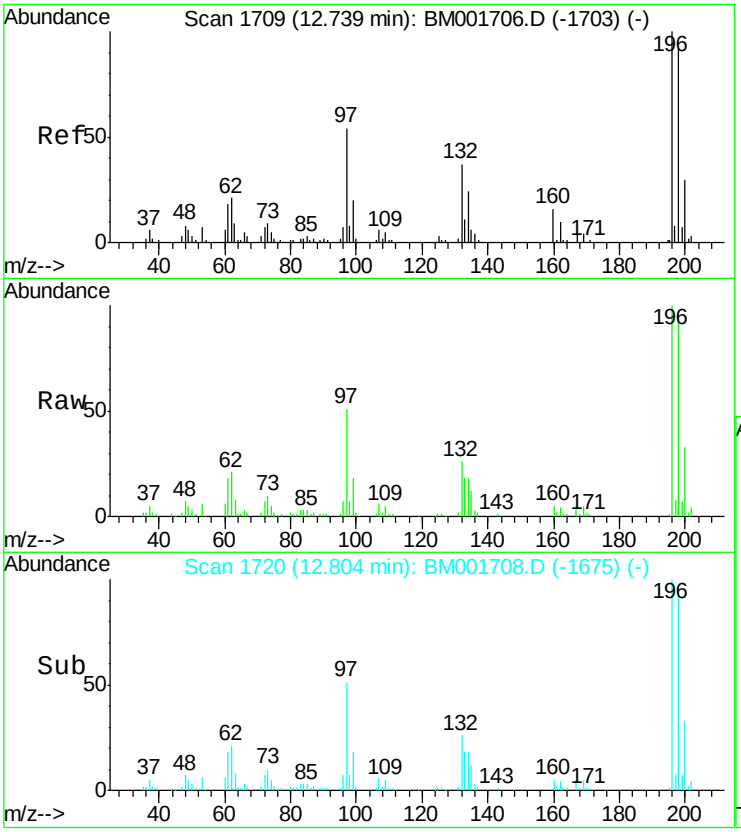


#28
Naphthalene
Concen: 36.02 ng/ul
RT: 10.50 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Tgt Ion:128 Resp: 441886

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.6	10.0	15.0



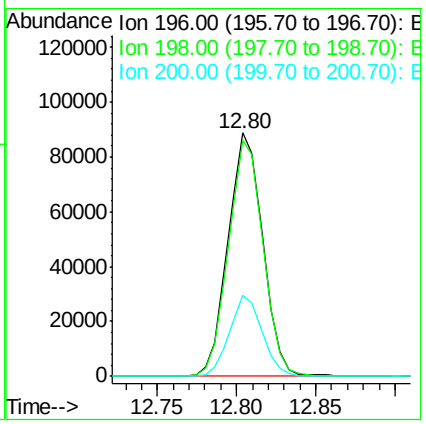


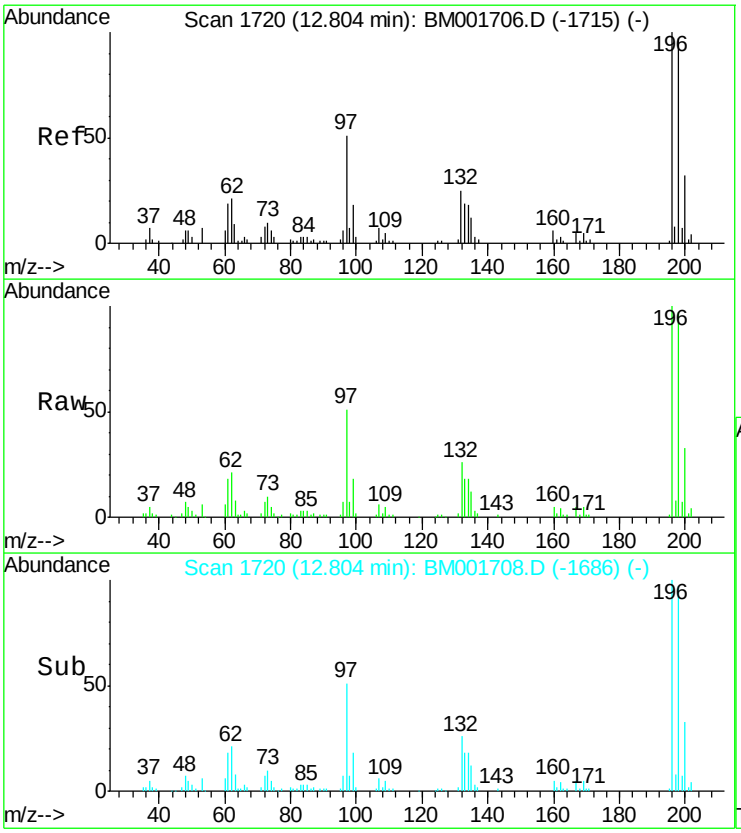
#38
2,4,6-Trichlorophenol
Concen: 43.02 ng/ul
RT: 12.80 min Scan# 1720
Delta R.T. 0.06 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:196 Resp: 134333

Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.4	111.6
200	33.2	25.0	37.4

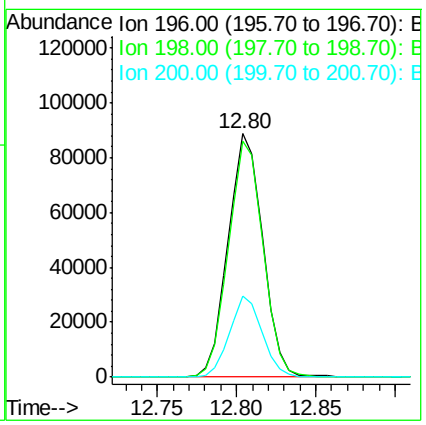


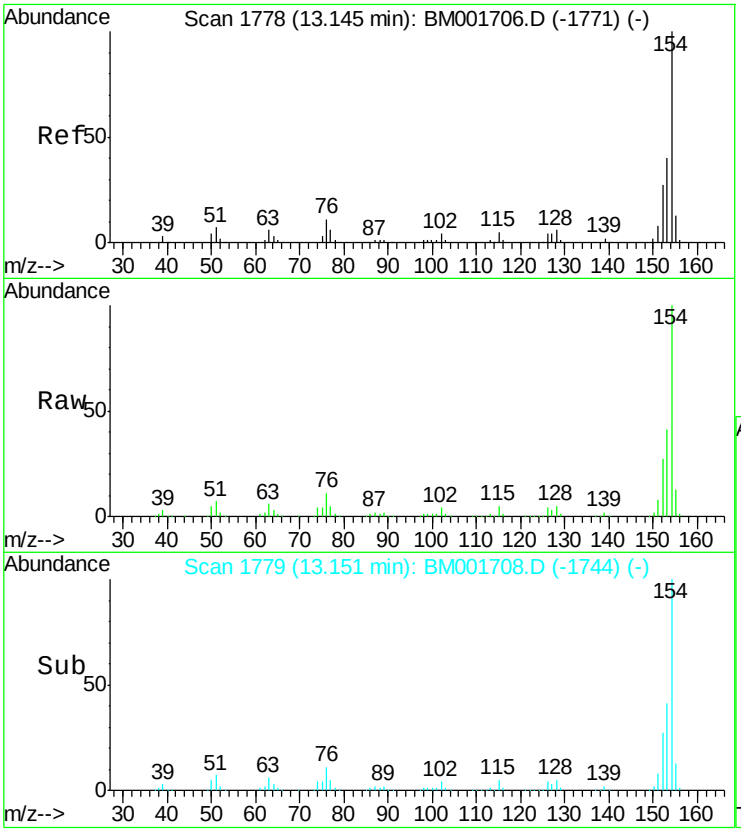


#39
2,4,5-Trichlorophenol
Concen: 39.31 ng/ul
RT: 12.80 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Tgt Ion:196 Resp: 134333

Ion	Ratio	Lower	Upper
196	100		
198	96.8	79.0	118.4
200	33.2	26.2	39.4



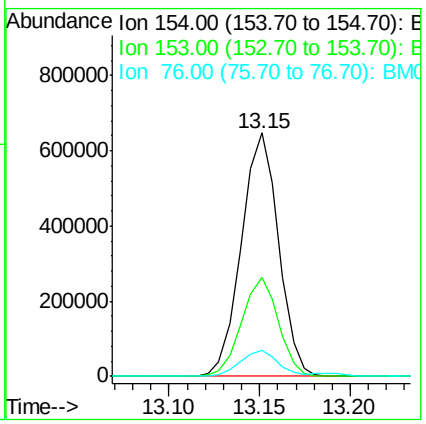


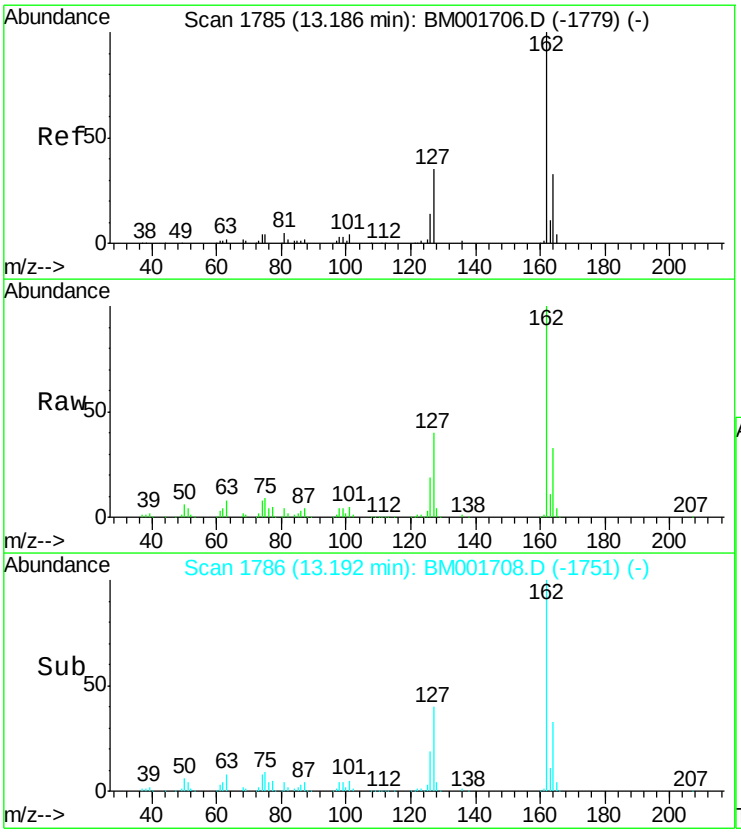
#40
1,1'-Biphenyl
Concen: 78.65 ng/ul
RT: 13.15 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:154 Resp: 921914

Ion	Ratio	Lower	Upper
154	100		
153	40.7	32.5	48.7
76	10.8	9.0	13.6

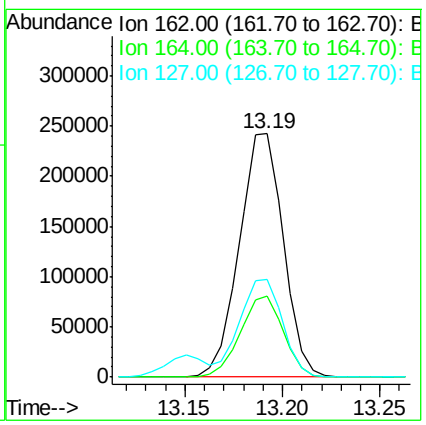


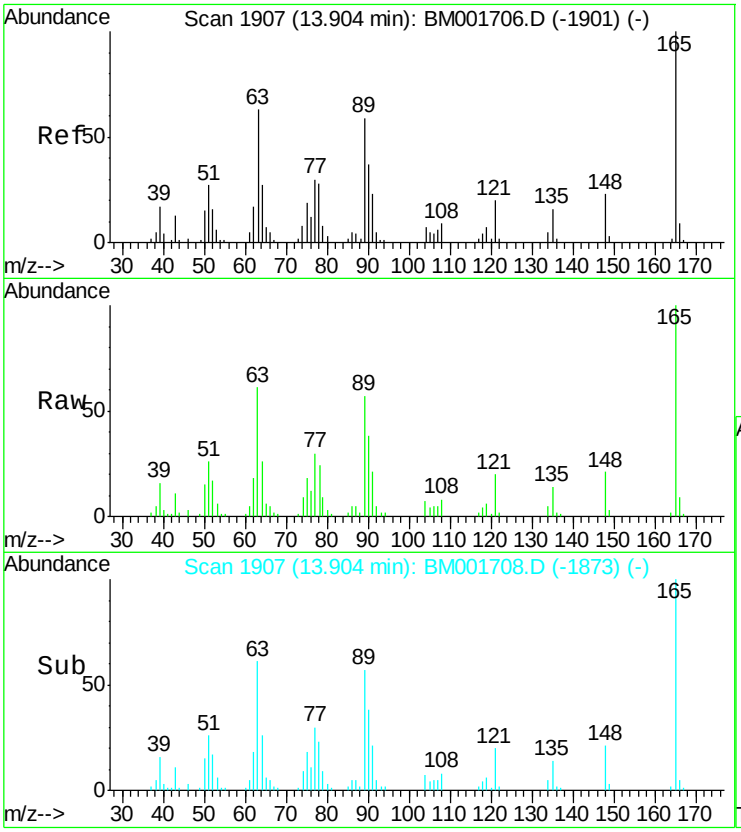


#41
2-Chloronaphthalene
Concen: 41.23 ng/ul
RT: 13.19 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Tgt Ion:162 Resp: 378904

Ion	Ratio	Lower	Upper
162	100		
164	33.2	27.2	40.8
127	40.0	32.6	49.0



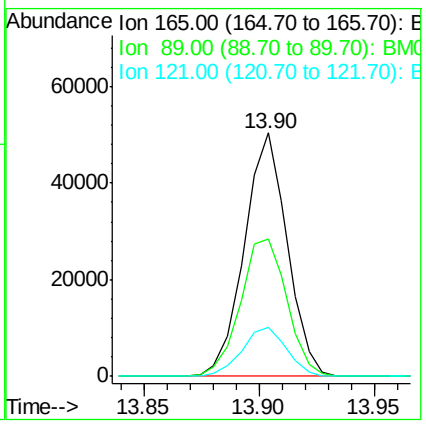


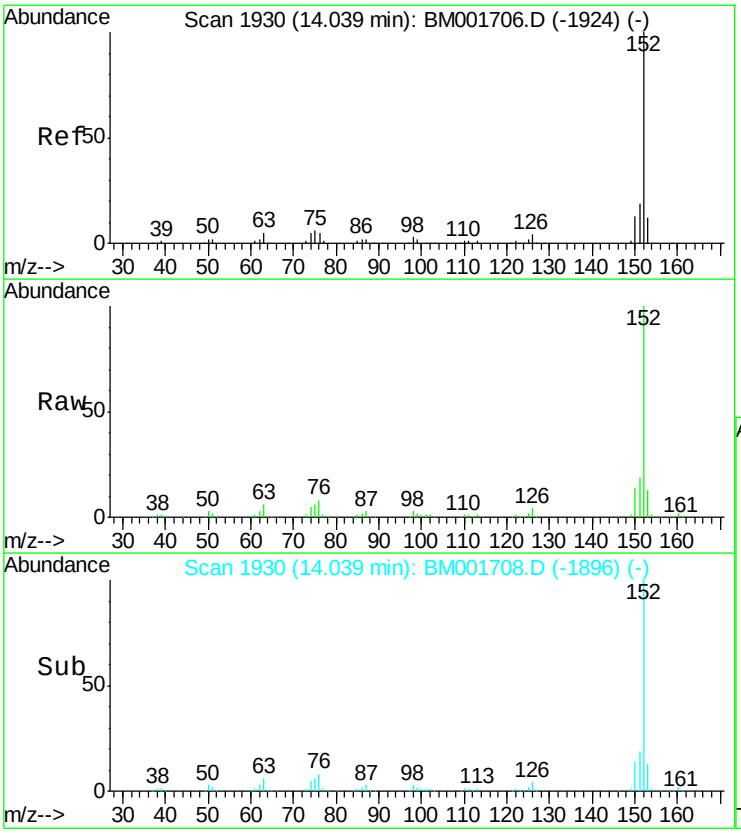
#45
2,6-Dinitrotoluene
Concen: 29.72 ng/ul
RT: 13.90 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:165 Resp: 65043

Ion	Ratio	Lower	Upper
165	100		
89	56.7	49.1	73.7
121	20.1	17.4	26.2

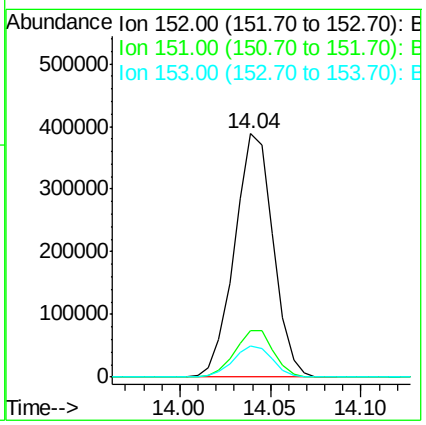


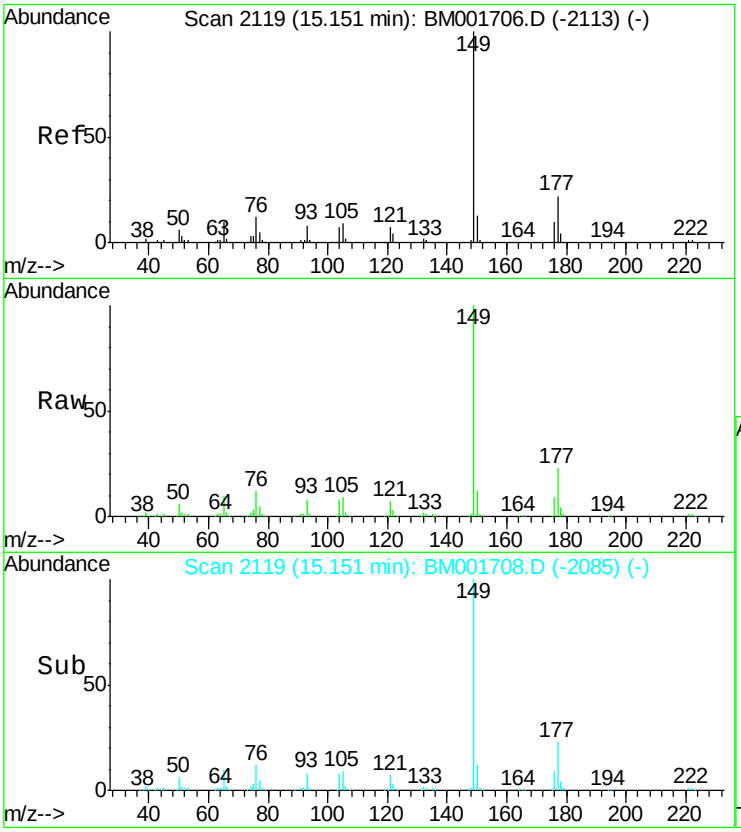


#47
Acenaphthylene
Concen: 40.40 ng/ul
RT: 14.04 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Tgt Ion:152 Resp: 575022

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	12.8	10.0	15.0



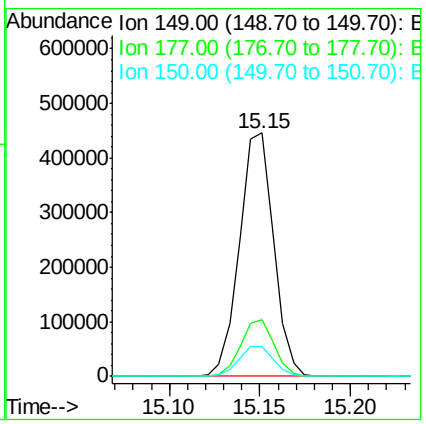


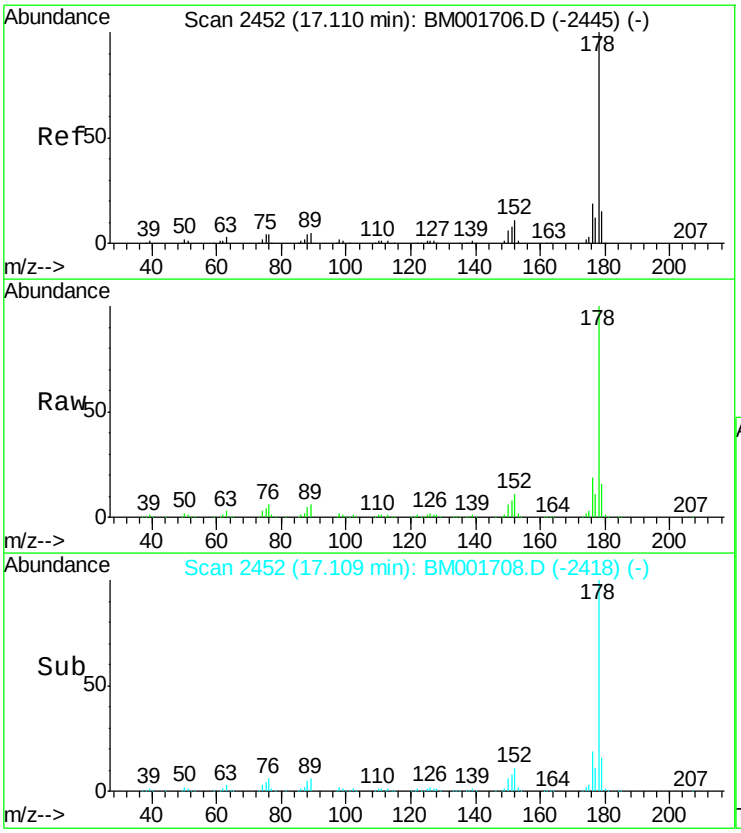
#56
Diethylphthalate
Concen: 52.89 ng/ul
RT: 15.15 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:149 Resp: 585402

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

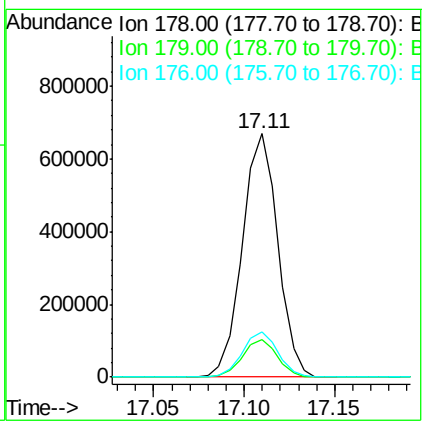


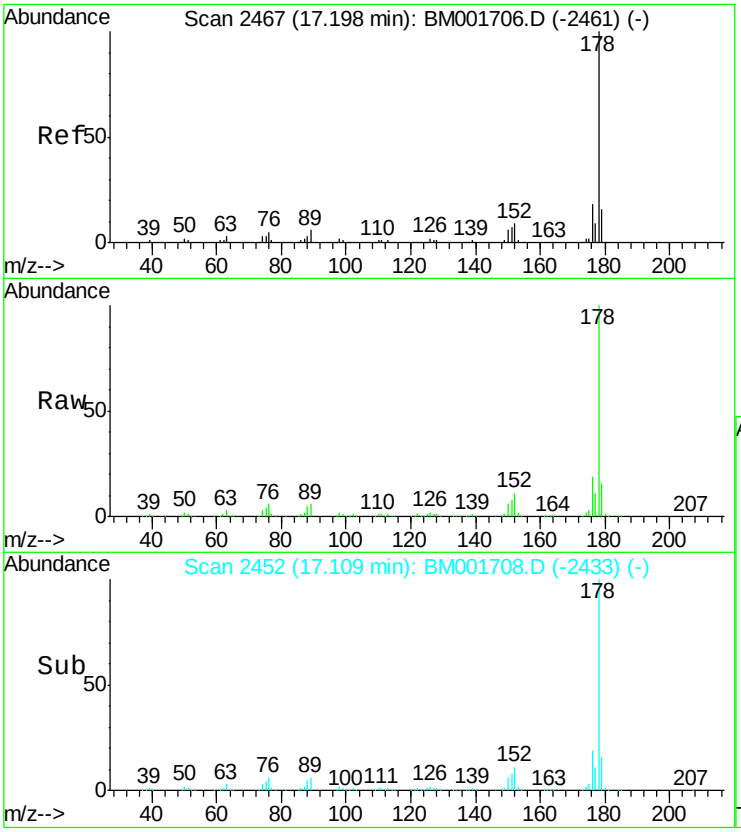


#69
Phenanthrene
Concen: 49.21 ng/ul
RT: 17.11 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Tgt Ion:178 Resp: 909682

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.9	17.9
176	18.6	15.2	22.8



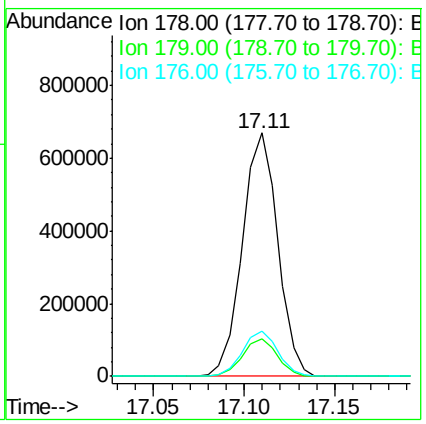


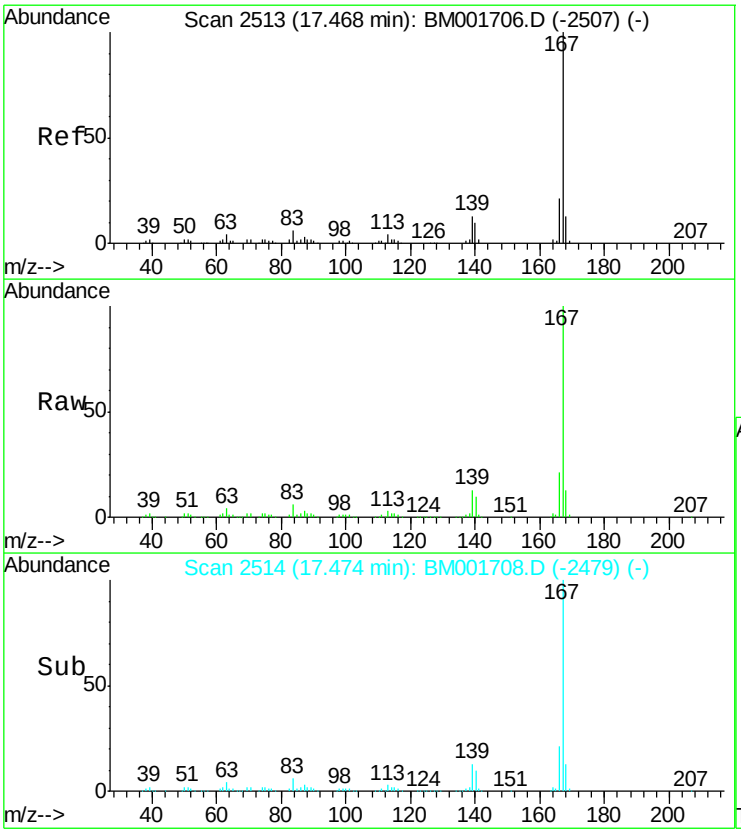
#71
Anthracene
Concen: 47.93 ng/ul
RT: 17.11 min Scan# 2452
Delta R.T. -0.09 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:178 Resp: 909682

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	18.6	14.4	21.6

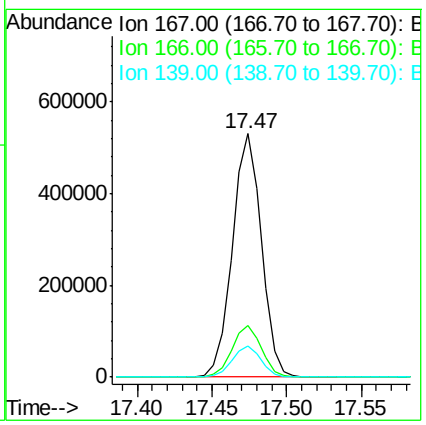


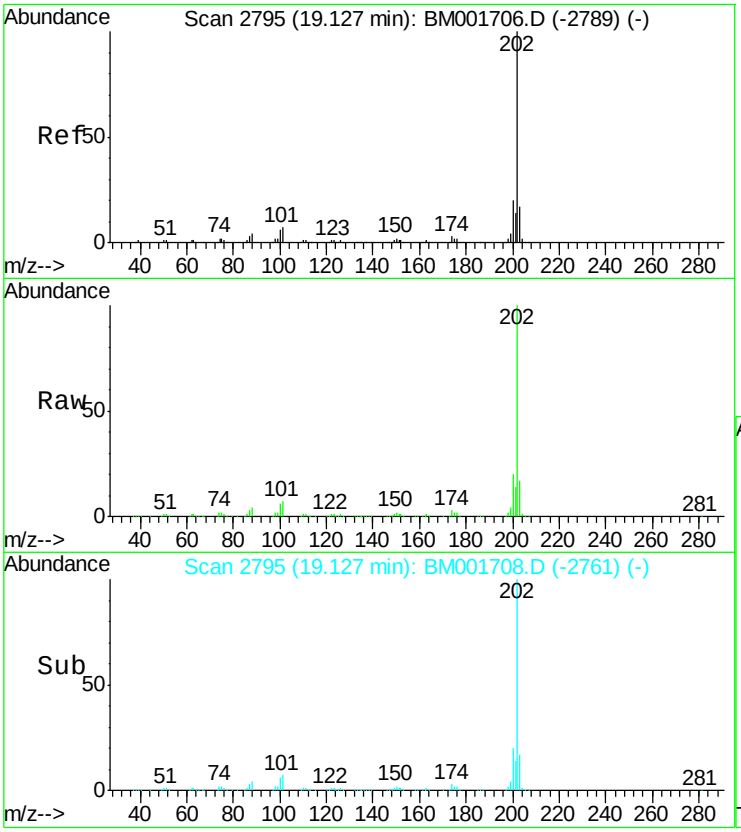


#74
Carbazole
Concen: 43.15 ng/ul
RT: 17.47 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Tgt Ion:167 Resp: 718592

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.2
139	13.0	10.1	15.1



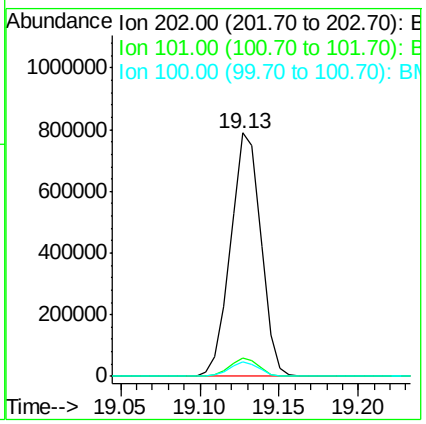


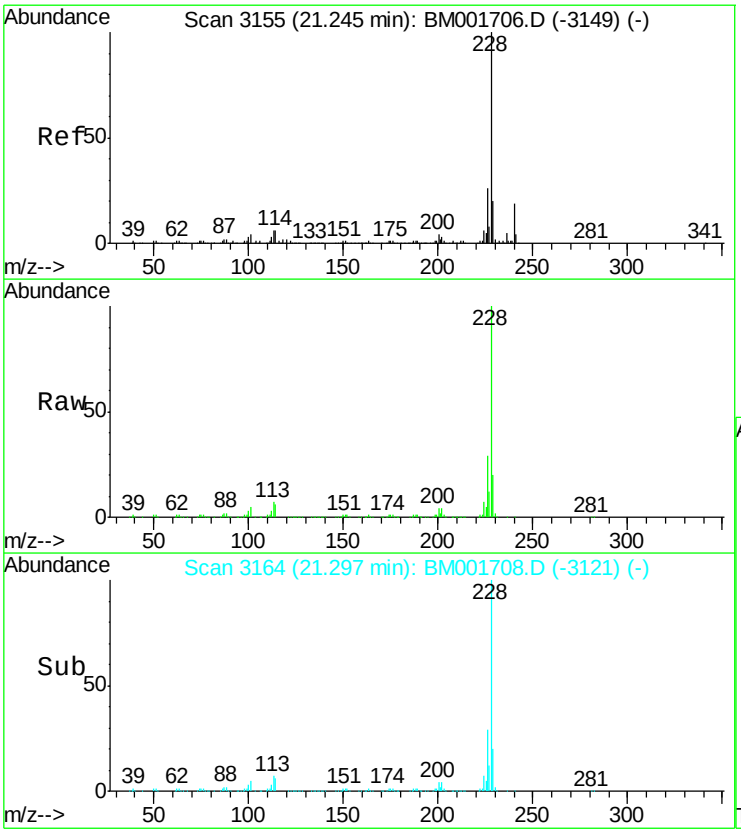
#76
Fluoranthene
Concen: 47.25 ng/ul
RT: 19.13 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:202 Resp: 1044804

Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.1	9.1
100	5.7	4.8	7.2

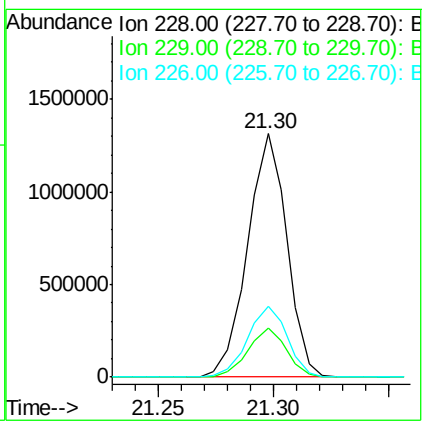


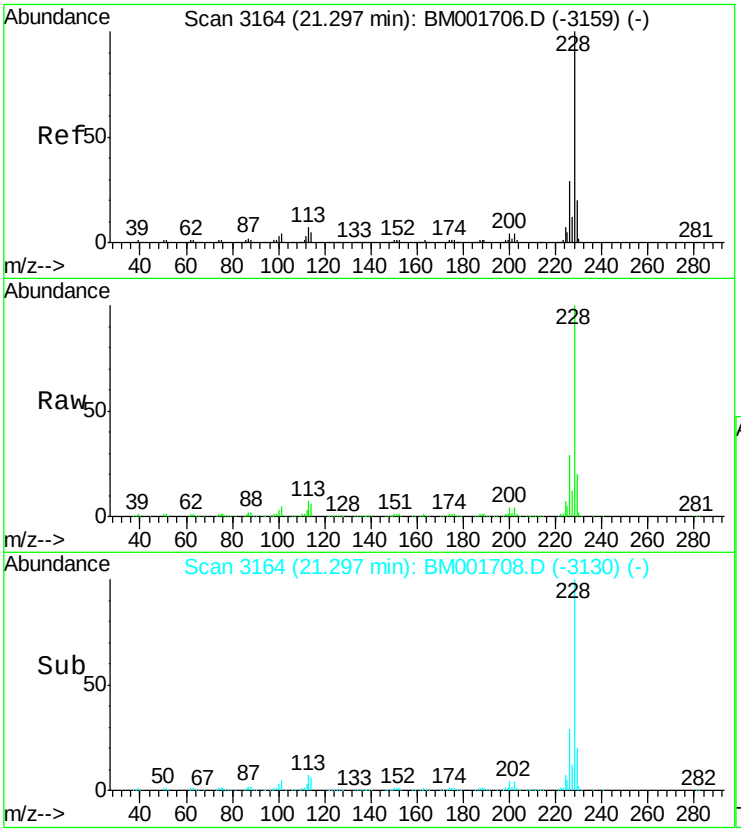


#82
Benzo(a)anthracene
Concen: 64.62 ng/ul
RT: 21.30 min Scan# 3164
Delta R.T. 0.05 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Tgt Ion:228 Resp: 1558122

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.4	23.0
226	29.3	20.6	30.8





#84
Chrysene
Concen: 68.17 ng/ul
RT: 21.30 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BM001708.D
Acq: 16 Jun 2015 11:26

Instrument :
BNA_M
ClientSampleId :
X1W48

Tgt Ion:228 Resp: 1558122

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.4
229	19.9	15.4	23.2