Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Time: Dec 21 02:24:23 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 02:19:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	21555	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	104434	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	67220	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	167317	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	216209	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	198972	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	417	1.04	ng/uL	0.00
5) Phenol-d5	6.87	99	14290	7.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	32823	33.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	41749	28.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	30150	19.16	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	27975	36.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	31735	37.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	52682	33.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	3683	1.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	204057	36.73	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	238125	37.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	8519	7.87	ng/ul	0.00
58) Fluorene-d10	15.35	176	175197	38.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	32023	33.96	ng/ul	0.00
71) Anthracene-d10	17.20	188	287098	37.71	ng/ul	0.00
79) Pyrene-d10	19.50	212	349096	36.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	373204	37.76	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.90	94	271087	141.68	ng/ul	99
11) 2-Methylphenol	8.15	108	159069	105.02	ng/ul	99
16) 4-Methylphenol	8.48	108	391188	231.70	ng/ul	94
20) Nitrobenzene	9.05	77	2402	1.37	ng/ul#	37
24) 2,4-Dimethylphenol	9.67	107	100702	52.04	ng/ul	99
28) Naphthalene	10.55	128	1600123	297.39	ng/ul	100
34) 2-Methylnaphthalene	12.16	142	153437	38.19	ng/ul	99
35) 1-Methylnaphthalene	12.38	142	166943	43.74	ng/ul	99
41) 1,1'-Biphenyl	13.17	154	38600	7.07	ng/ul	99
46) 2,6-Dinitrotoluene	13.76	165	1412	1.28	ng/ul#	34
48) Acenaphthylene	14.07	152	175910	25.44	ng/ul	99
50) Acenaphthene	14.42	153	27489	5.95	ng/ul	96
54) Dibenzofuran	14.75	168	83031	12.59	ng/ul	99
59) Fluorene	15.40	166	72929	13.78	ng/ul	99
70) Phenanthrene	17.14	178	153487	16.58	ng/ul	100
72) Anthracene	17.23	178	36943	3.91	ng/ul	99
75) Carbazole	17.50	167	101874	11.83	ng/ul	99
77) Fluoranthene	19.16	202	42276	3.97	ng/ul	99
80) Pyrene	19.53	202	39394	3.17	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9DA4

Quant Time: Dec 21 02:24:23 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
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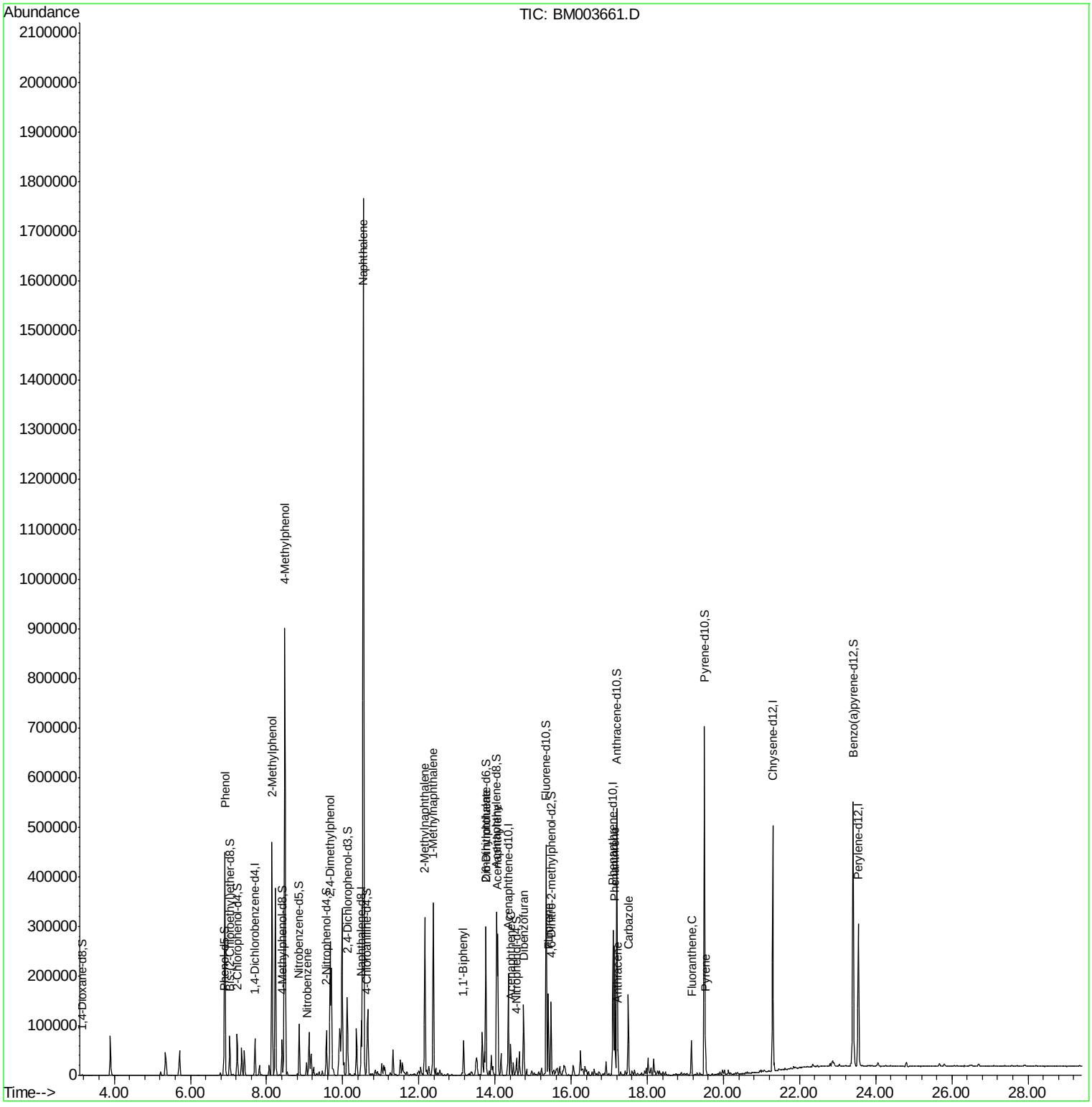
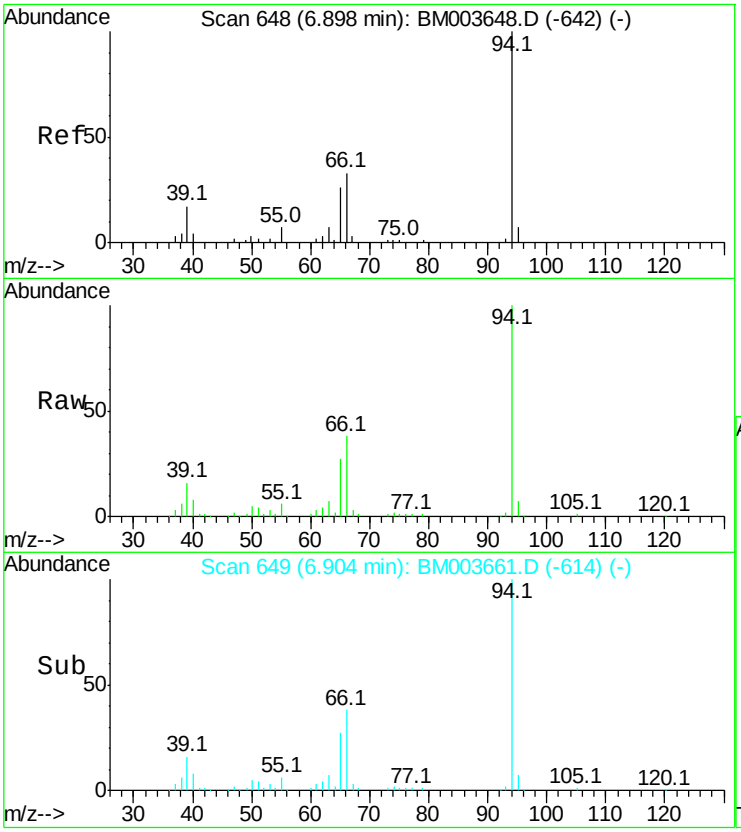
Response via : Initial Calibration



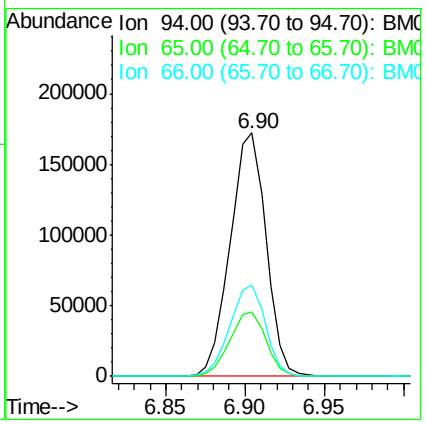


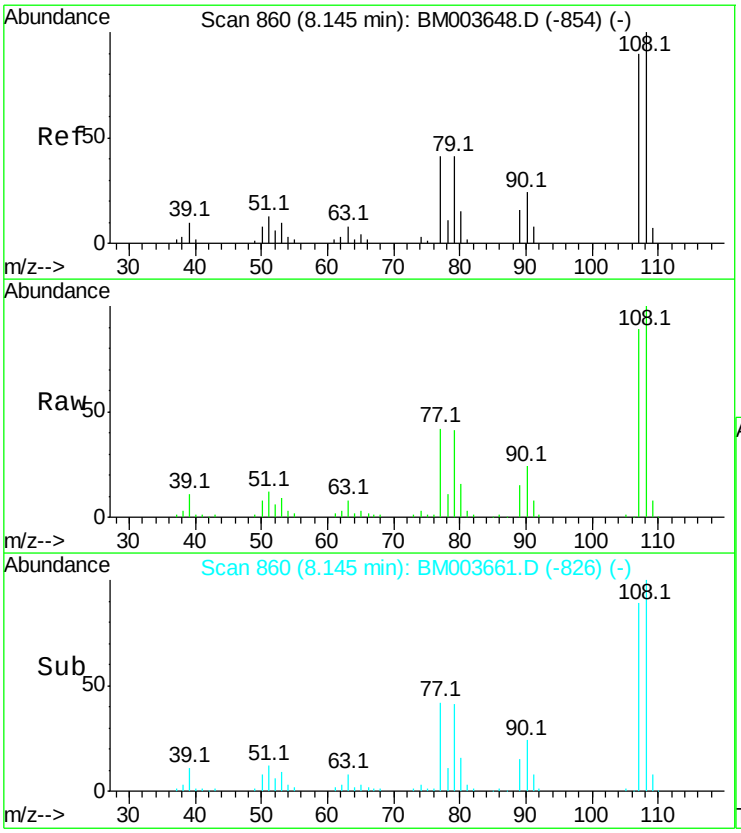
#6
Phenol
Concen: 141.68 ng/ul
RT: 6.90 min Scan# 649
Delta R.T. 0.01 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Instrument :
BNA_M
ClientSampleId :
G9DA4

Tgt Ion: 94 Resp: 271087

Ion	Ratio	Lower	Upper
94	100		
65	26.6	21.0	31.6
66	37.6	29.3	43.9

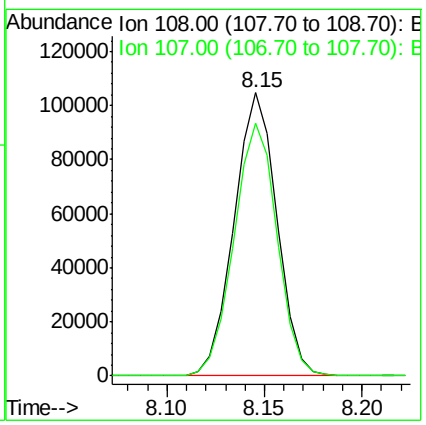


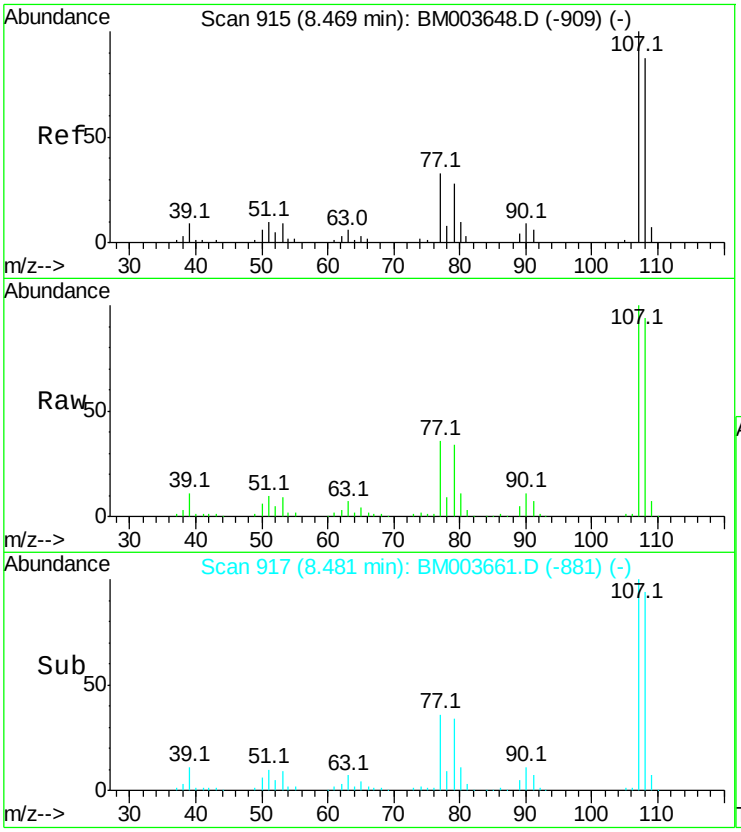


#11
2-Methylphenol
Concen: 105.02 ng/ul
RT: 8.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Tgt Ion:108 Resp: 159069

Ion	Ratio	Lower	Upper
108	100		
107	89.2	72.4	108.6



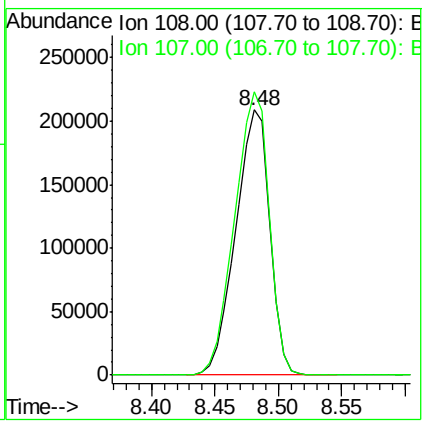


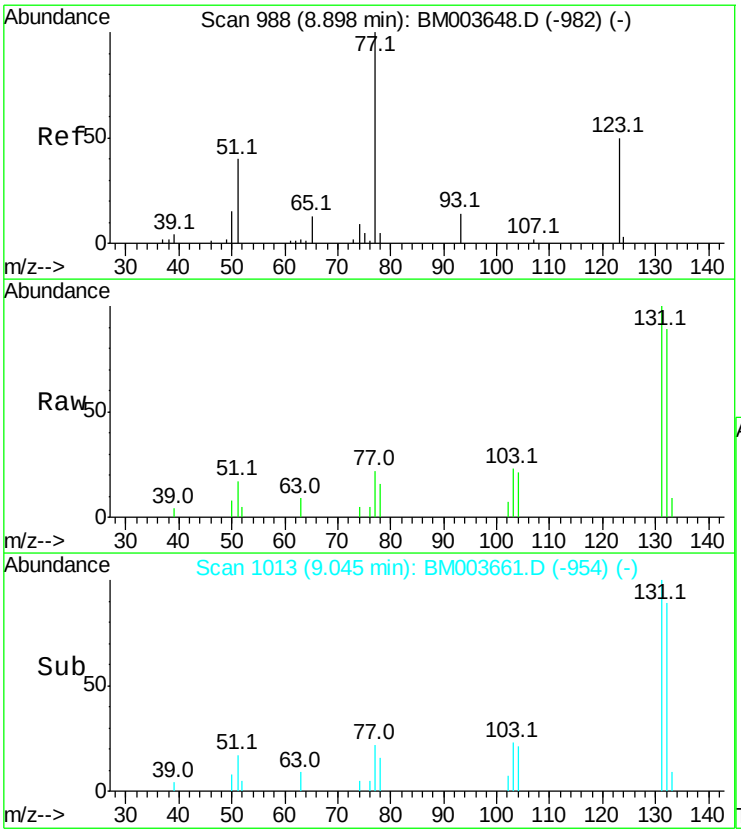
#16
4-Methylphenol
Concen: 231.70 ng/ul
RT: 8.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Instrument :
BNA_M
ClientSampleId :
G9DA4

Tgt Ion:108 Resp: 391188

Ion	Ratio	Lower	Upper
108	100		
107	106.7	90.3	135.5

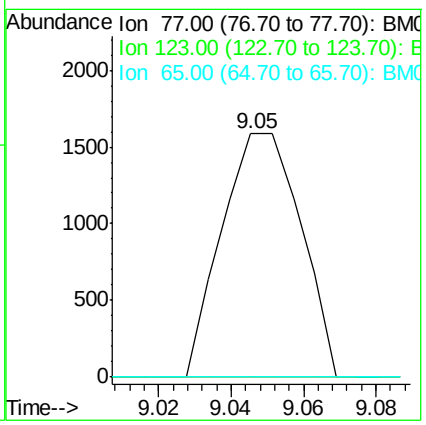


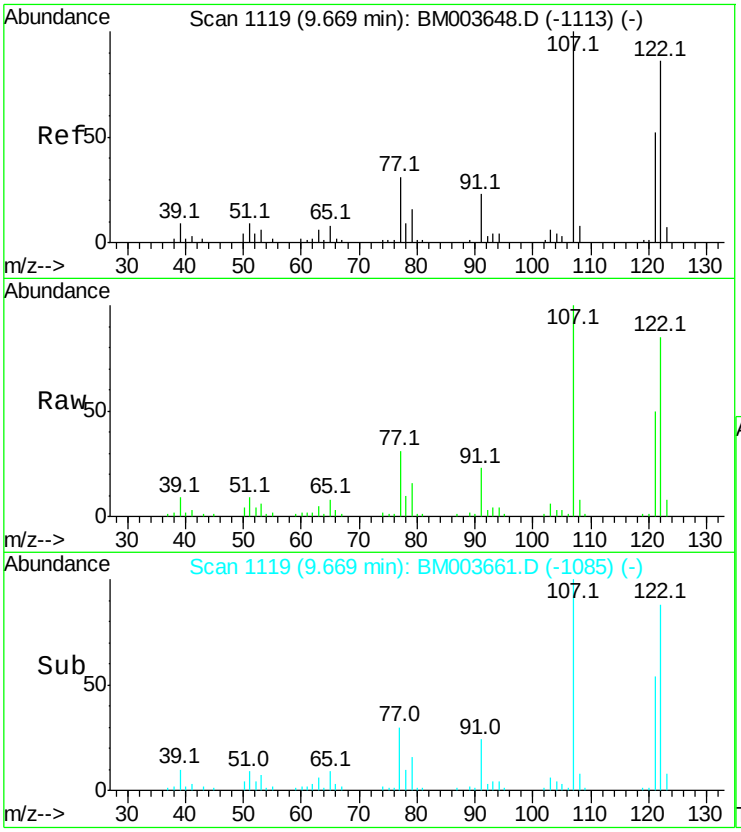


#20
Nitrobenzene
Concen: 1.37 ng/ul
RT: 9.05 min Scan# 1013
Delta R.T. 0.15 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Tgt Ion: 77 Resp: 2402

Ion	Ratio	Lower	Upper
77	100		
123	0.0	39.0	58.4#
65	0.0	10.4	15.6#



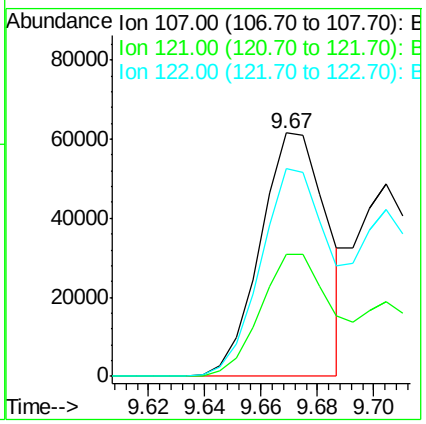


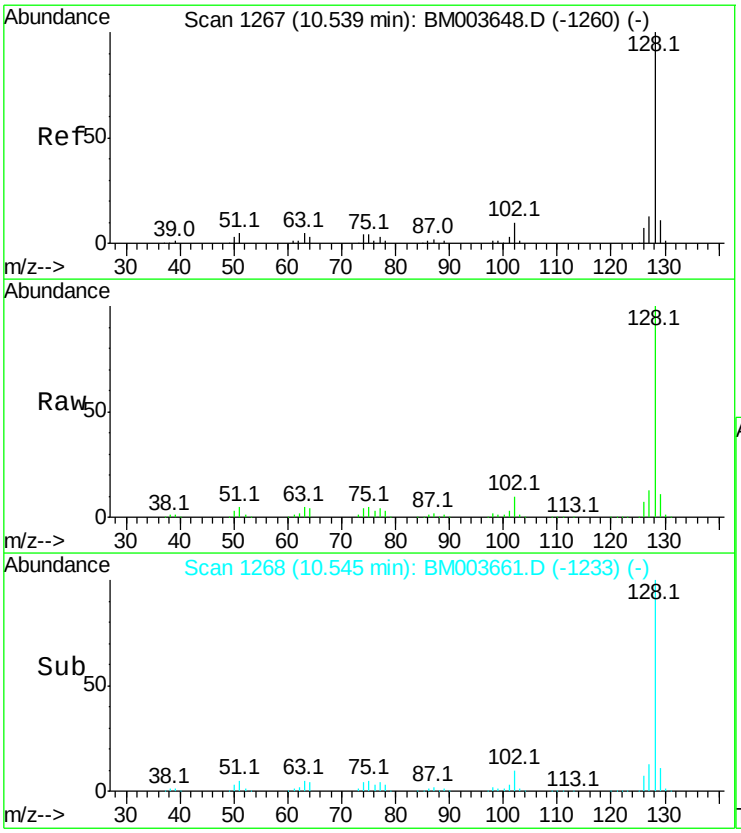
#24
2,4-Dimethylphenol
Concen: 52.04 ng/ul
RT: 9.67 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Instrument :
BNA_M
ClientSampleId :
G9DA4

Tgt Ion:107 Resp: 100702

Ion	Ratio	Lower	Upper
107	100		
121	50.1	40.6	61.0
122	85.1	67.8	101.6

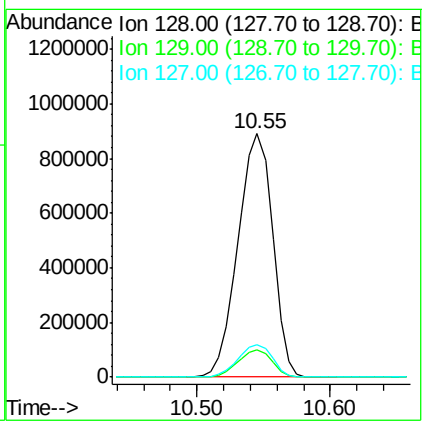


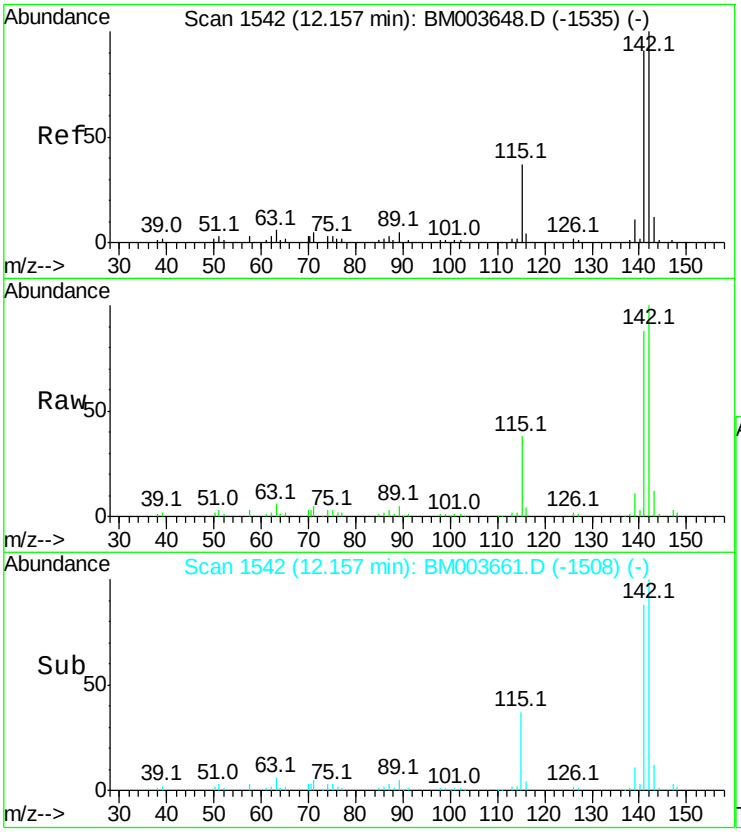


#28
Naphthalene
Concen: 297.39 ng/ul
RT: 10.55 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Tgt Ion:128 Resp: 1600123

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.5	15.7



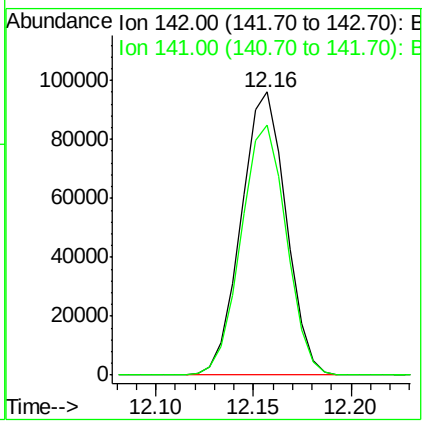


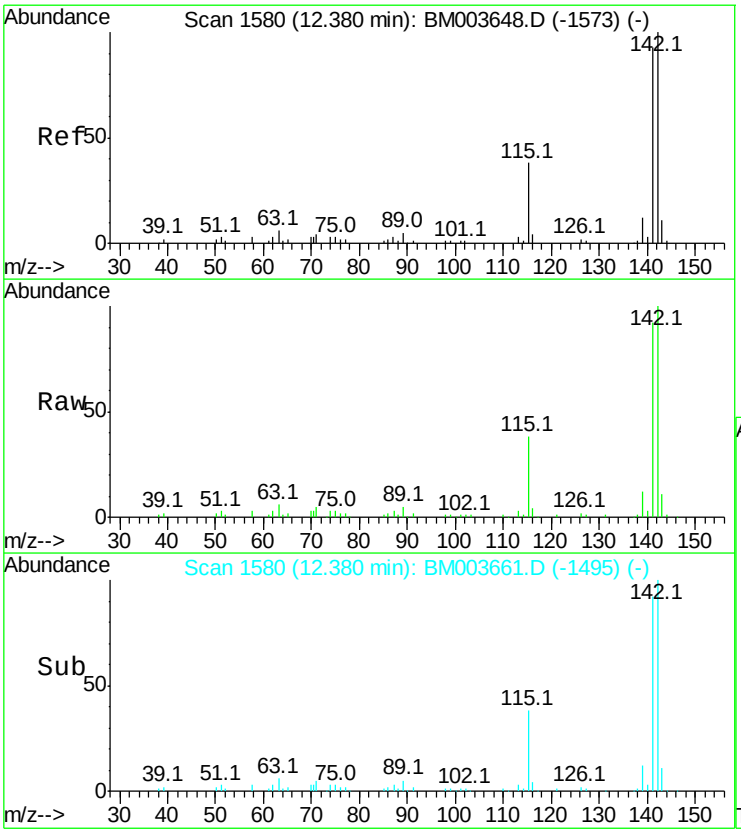
#34
2-Methylnaphthalene
Concen: 38.19 ng/ul
RT: 12.16 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Instrument :
BNA_M
ClientSampleId :
G9DA4

Tgt Ion:142 Resp: 153437

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4

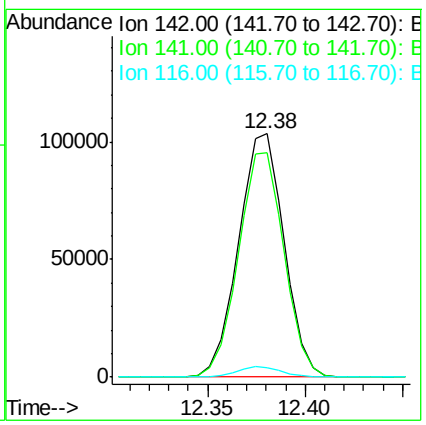


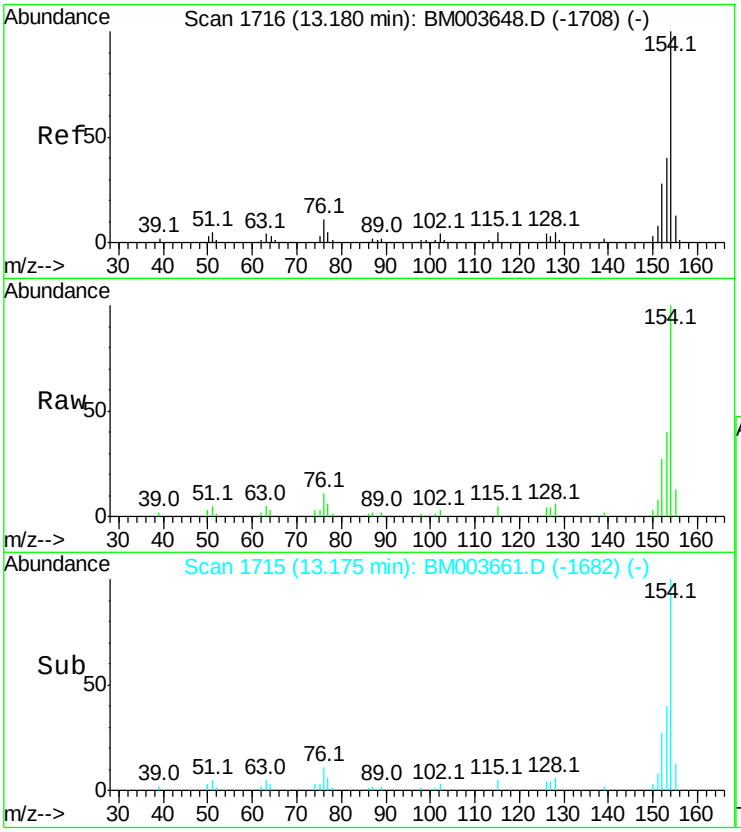


#35
1-Methylnaphthalene
Concen: 43.74 ng/ul
RT: 12.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Tgt Ion:142 Resp: 166943

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.9	112.3
116	4.1	3.1	4.7



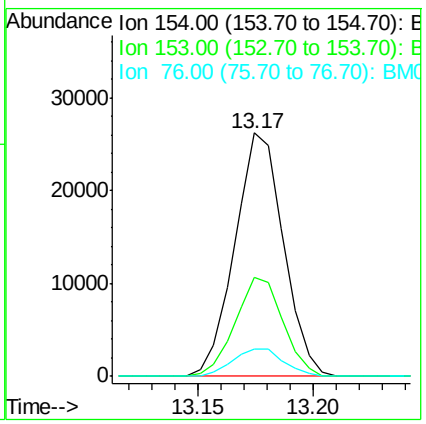


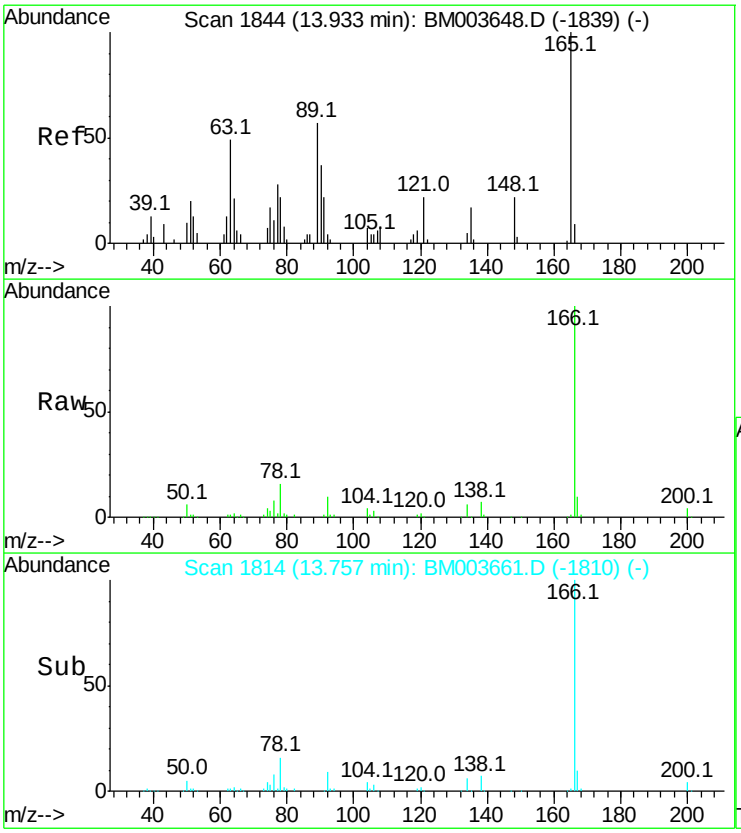
#41
1,1'-Biphenyl
Concen: 7.07 ng/ul
RT: 13.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Instrument :
BNA_M
ClientSampleId :
G9DA4

Tgt Ion:154 Resp: 38600

Ion	Ratio	Lower	Upper
154	100		
153	40.4	32.1	48.1
76	11.2	9.5	14.3

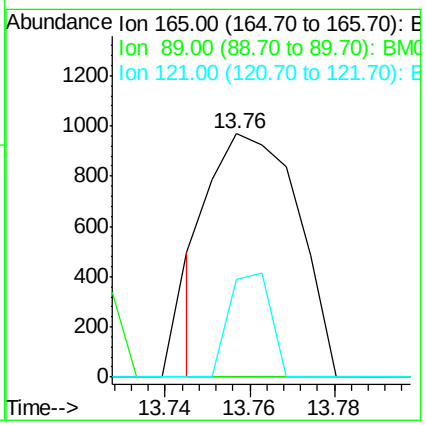


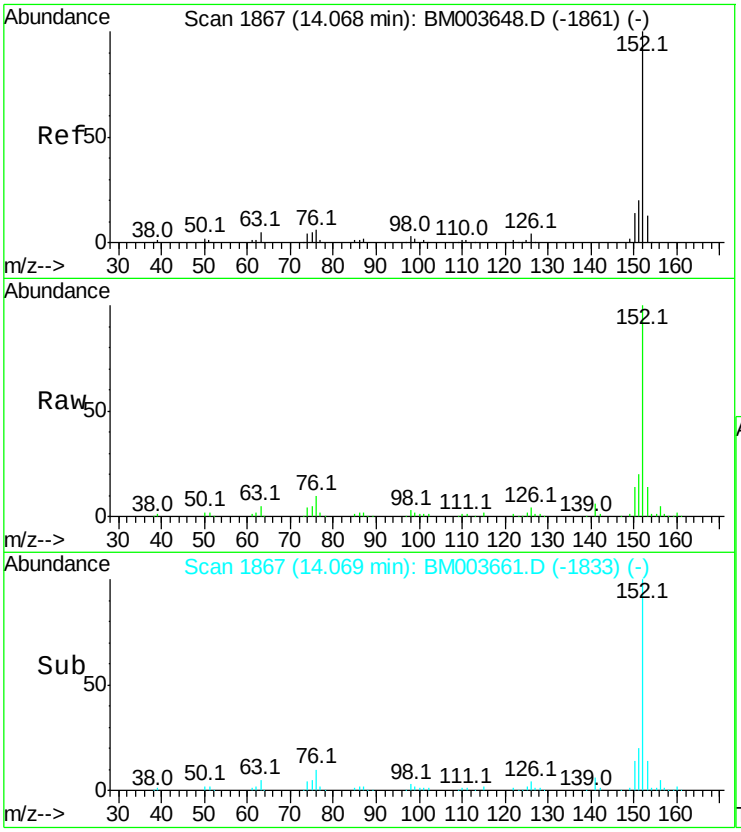


#46
2,6-Dinitrotoluene
Concen: 1.28 ng/ul
RT: 13.76 min Scan# 1814
Delta R.T. -0.18 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Tgt Ion:165 Resp: 1412

Ion	Ratio	Lower	Upper
165	100		
89	0.0	42.4	63.6#
121	40.4	16.6	24.8#



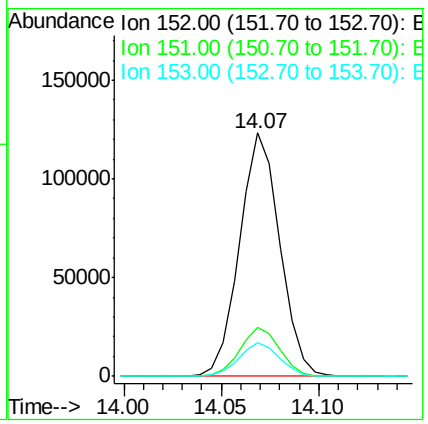


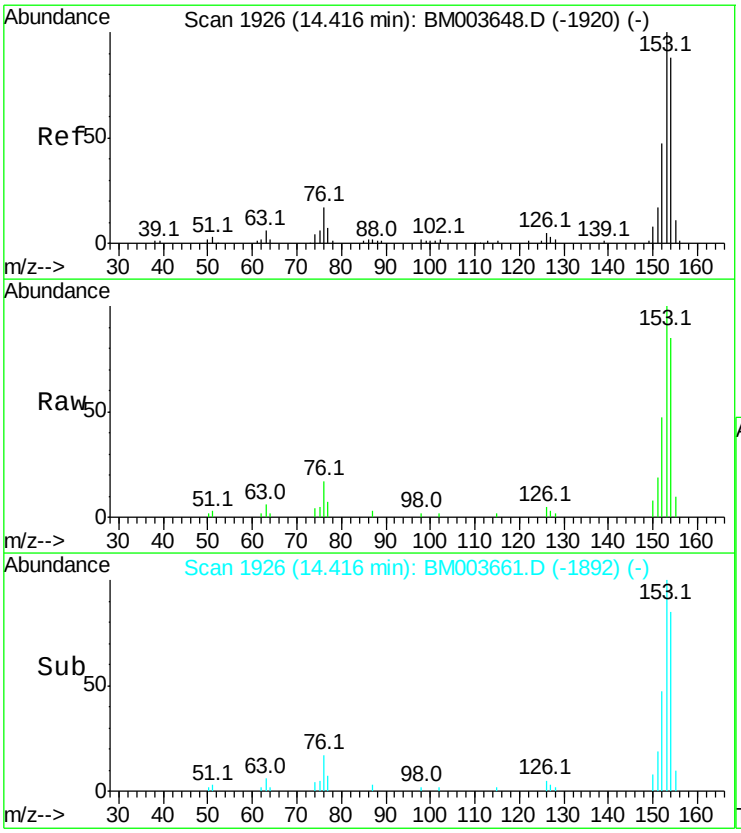
#48
Acenaphthylene
Concen: 25.44 ng/ul
RT: 14.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Instrument :
BNA_M
ClientSampleId :
G9DA4

Tgt Ion:152 Resp: 175910

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.6	10.5	15.7

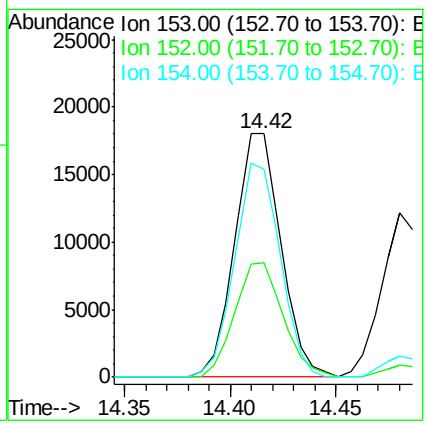


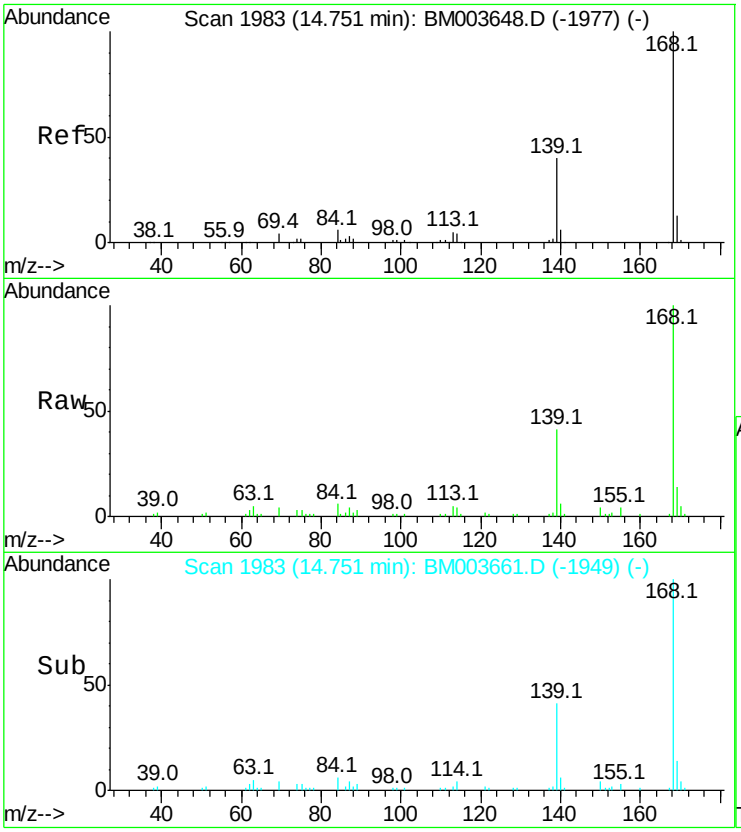


#50
Acenaphthene
Concen: 5.95 ng/ul
RT: 14.42 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Tgt Ion:153 Resp: 27489

Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.3	57.5
154	85.4	71.8	107.8



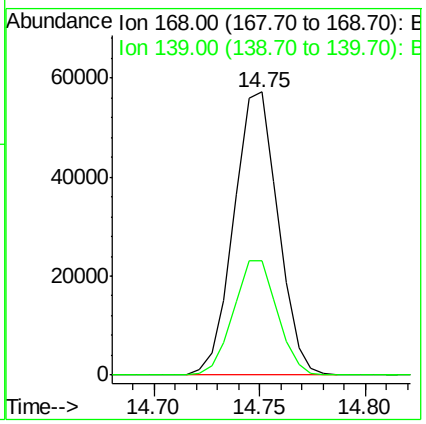


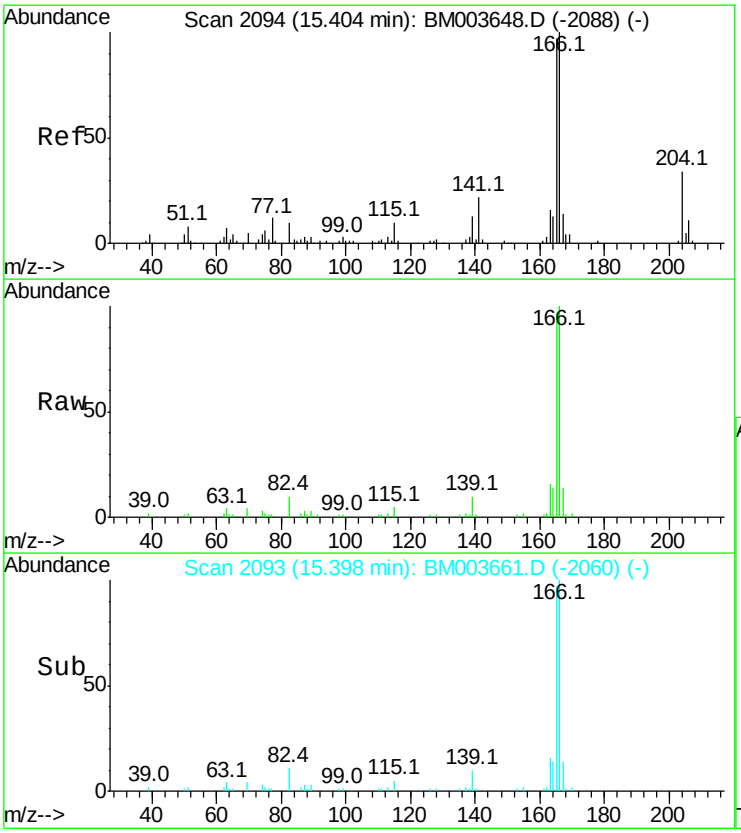
#54
Dibenzofuran
Concen: 12.59 ng/ul
RT: 14.75 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Instrument :
BNA_M
ClientSampleId :
G9DA4

Tgt Ion:168 Resp: 83031

Ion	Ratio	Lower	Upper
168	100		
139	40.6	32.2	48.2

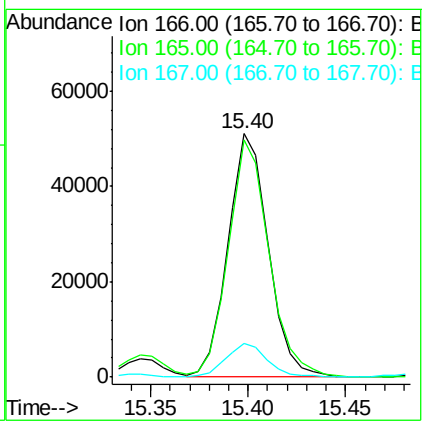


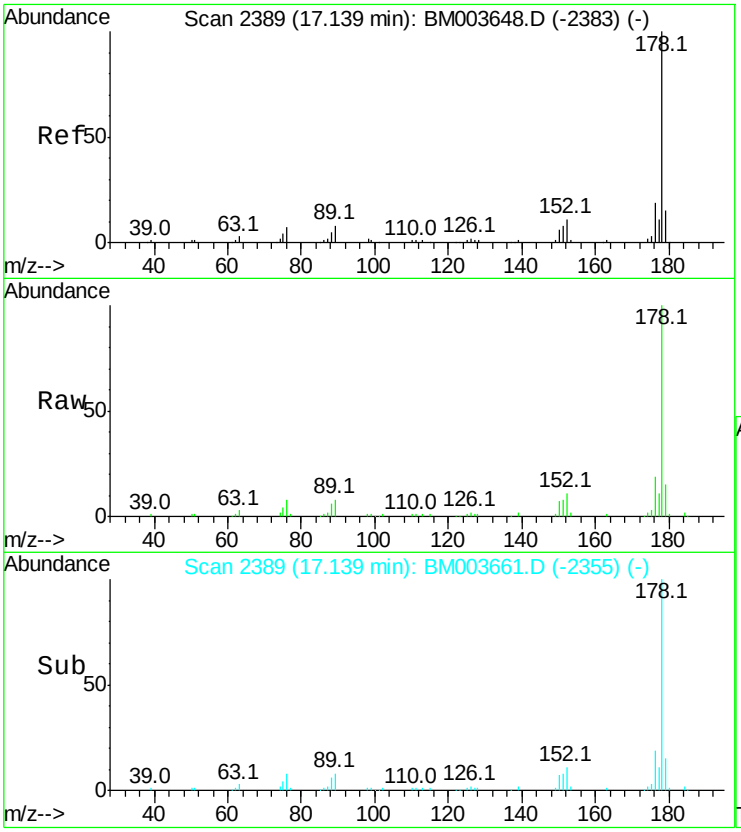


#59
Fluorene
Concen: 13.78 ng/ul
RT: 15.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Tgt Ion:166 Resp: 72929

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.5	117.7
167	13.6	10.7	16.1



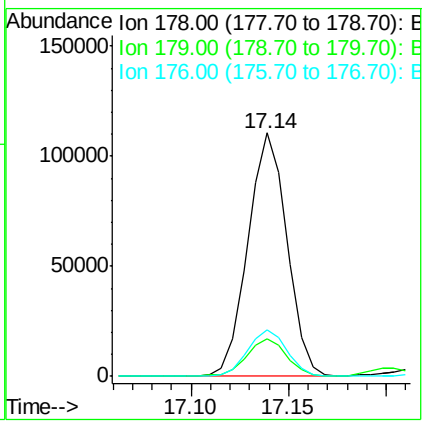


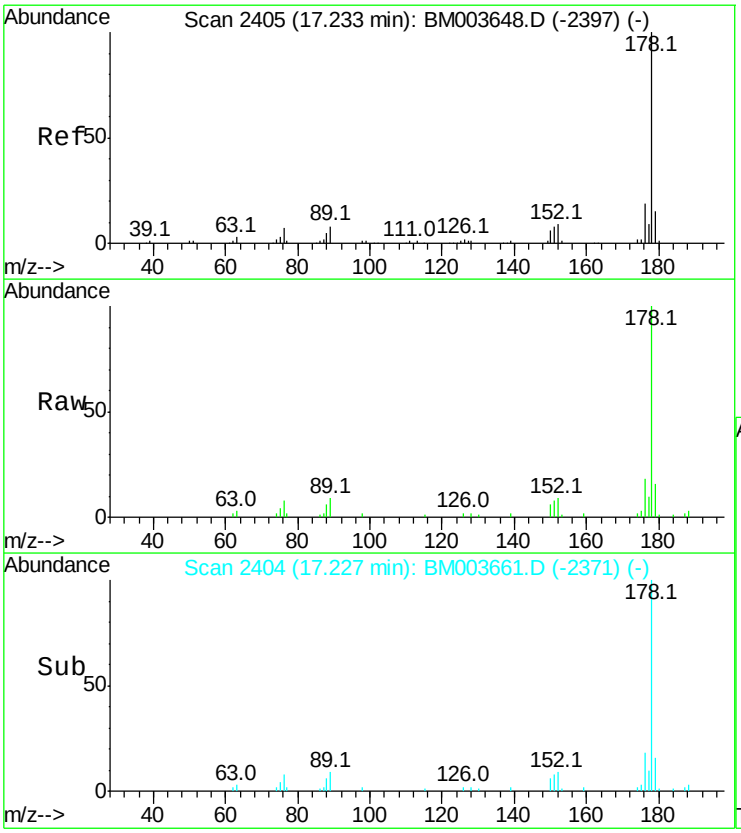
#70
Phenanthrene
Concen: 16.58 ng/ul
RT: 17.14 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Instrument :
BNA_M
ClientSampleId :
G9DA4

Tgt Ion:178 Resp: 153487

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	19.2	15.6	23.4

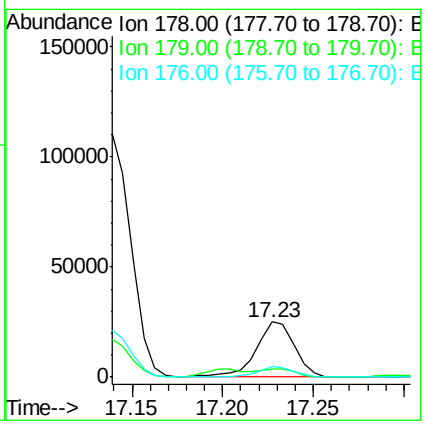


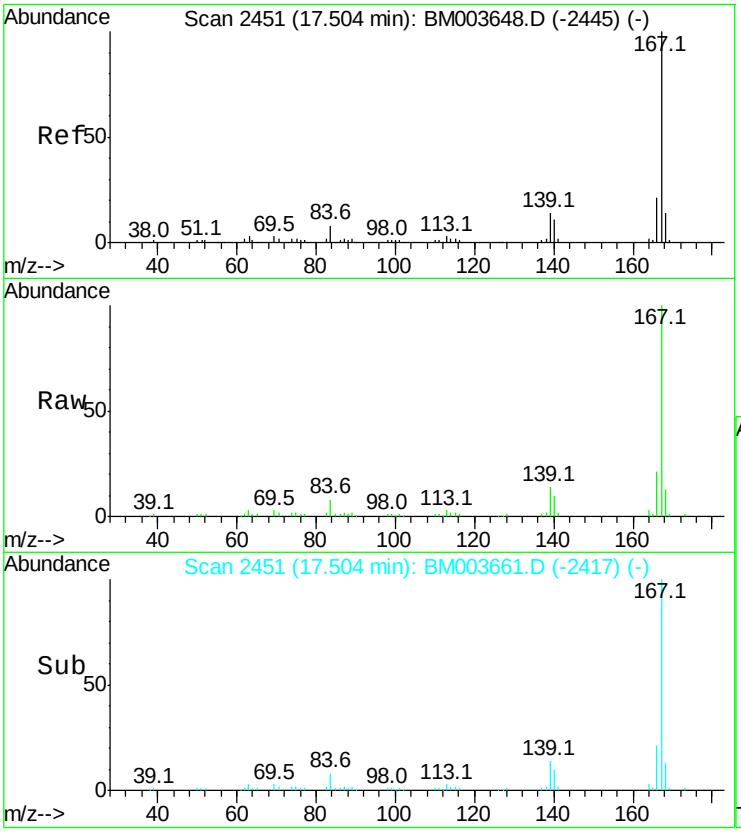


#72
Anthracene
Concen: 3.91 ng/ul
RT: 17.23 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Tgt Ion:178 Resp: 36943

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.3	14.8	22.2



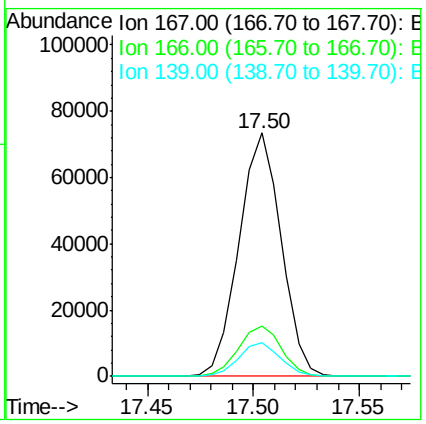


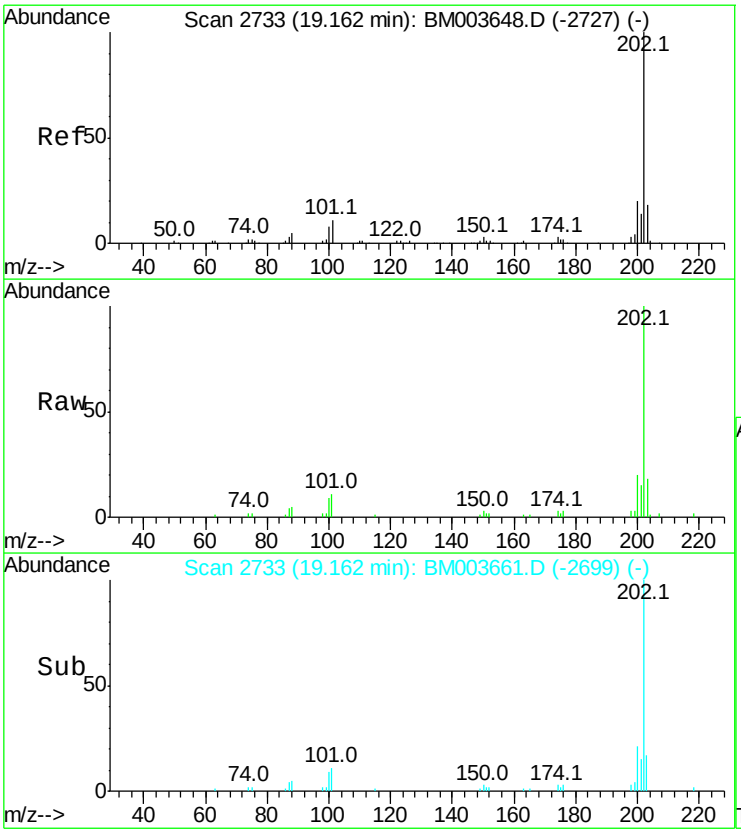
#75
Carbazole
Concen: 11.83 ng/ul
RT: 17.50 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Instrument :
BNA_M
ClientSampleId :
G9DA4

Tgt Ion:167 Resp: 101874

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	13.8	11.0	16.4

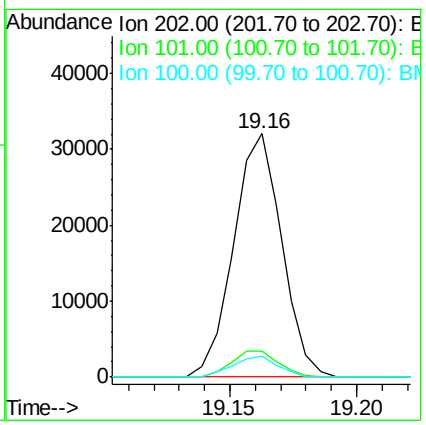


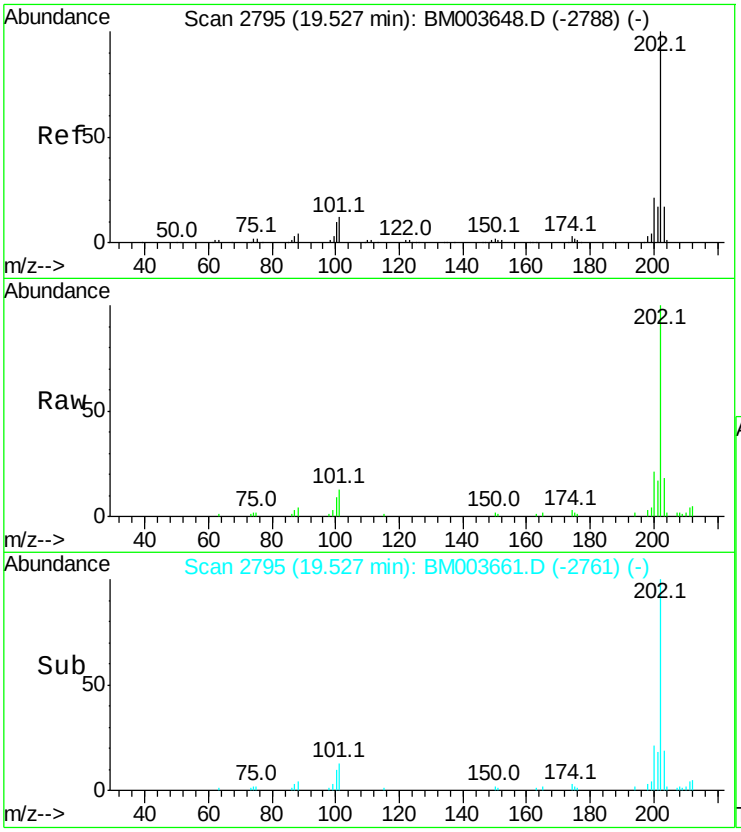


#77
Fluoranthene
Concen: 3.97 ng/ul
RT: 19.16 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Tgt Ion:202 Resp: 42276

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.8	13.2
100	8.6	6.6	9.8





#80
Pyrene
Concen: 3.17 ng/ul
RT: 19.53 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BM003661.D
Acq: 20 Dec 2015 19:04

Instrument :
BNA_M
ClientSampleId :
G9DA4

Tgt Ion:202 Resp: 39394

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.2	15.2
100	9.3	8.5	12.7