Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
Data File : BM003162.D
Acq On : 17 Nov 2015 02:50
Operator : UM/IZ
Sample : G4323-32MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4J60MS

Quant Time: Nov 17 04:02:02 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 02:43:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	163261	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	747173	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	416420	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	839415	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	758180	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	756460	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	10857	3.13	ng/uL	0.00
5) Phenol-d5	6.90	99	216368	16.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	126630	16.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	187960	17.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	152651	14.67	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	93651	20.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	100969	21.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	179866	17.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	125610	9.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	588165	18.77	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	660363	16.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	87193	16.51	ng/ul	0.00
58) Fluorene-d10	15.39	176	461872	17.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	64203	16.52	ng/ul	0.00
71) Anthracene-d10	17.23	188	592867	15.93	ng/ul	0.00
79) Pyrene-d10	19.53	212	564526	15.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	482759	13.43	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.93	94	217090	16.34	ng/ul	93
10) 2-Chlorophenol	7.30	128	177169	15.69	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	129268	16.52	ng/ul	92
33) 4-Chloro-3-methylphenol	11.82	107	177354	15.80	ng/ul	96
45) Dimethylphthalate	13.84	163	398148	12.47	ng/ul	99
50) Acenaphthene	14.46	153	421586	14.77	ng/ul	99
53) 4-Nitrophenol	14.60	109	64253	16.01	ng/ul#	73
55) 2,4-Dinitrotoluene	14.76	165	142984	19.47	ng/ul	94
69) Pentachlorophenol	16.79	266	84689	15.25	ng/ul	97
70) Phenanthrene	17.18	178	65535	1.38	ng/ul	99
77) Fluoranthene	19.20	202	133634	2.78	ng/ul	95
80) Pyrene	19.56	202	787837	15.88	ng/ul#	94
83) Benzo(a)anthracene	21.31	228	51327	1.23	ng/ul	95
85) Chrysene	21.36	228	63241	1.54	ng/ul	98
88) Benzo(b)fluoranthene	22.91	252	84336	1.94	ng/ul	97
91) Benzo(a)pyrene	23.49	252	52676	1.28	ng/ul	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
Data File : BM003162.D
Acq On : 17 Nov 2015 02:50
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Misc :
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Instrument : BNA_M
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Quant Time: Nov 17 04:02:02 2015
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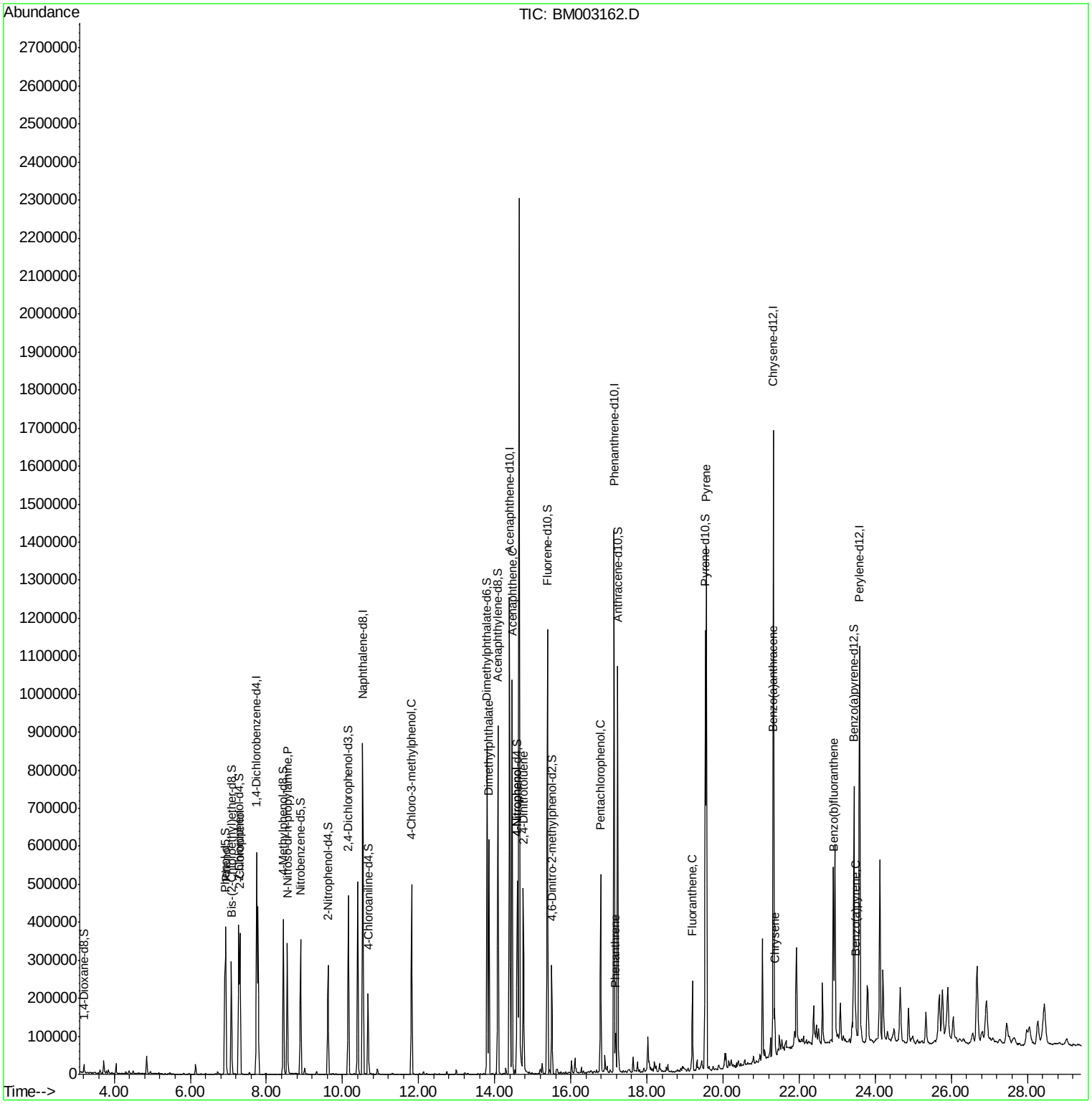
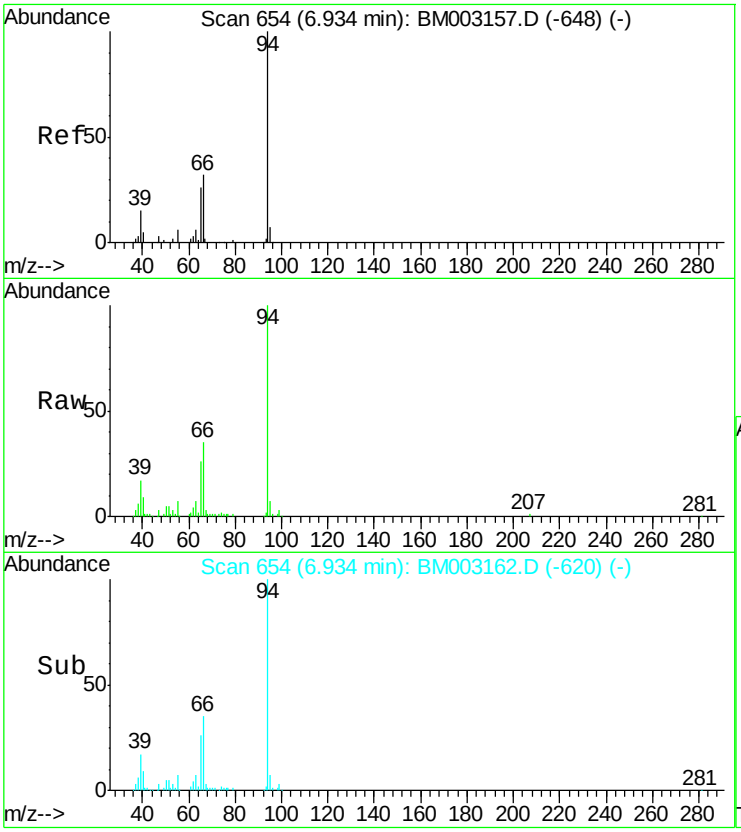
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 02:43:56 2015
Response via : Initial Calibration



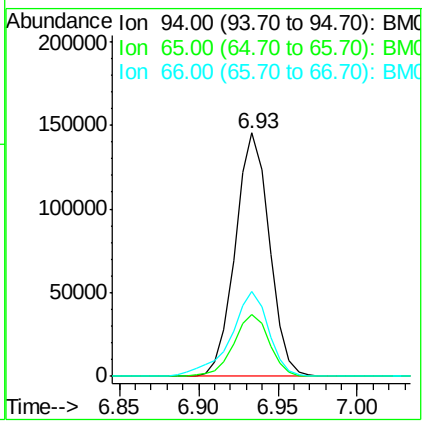


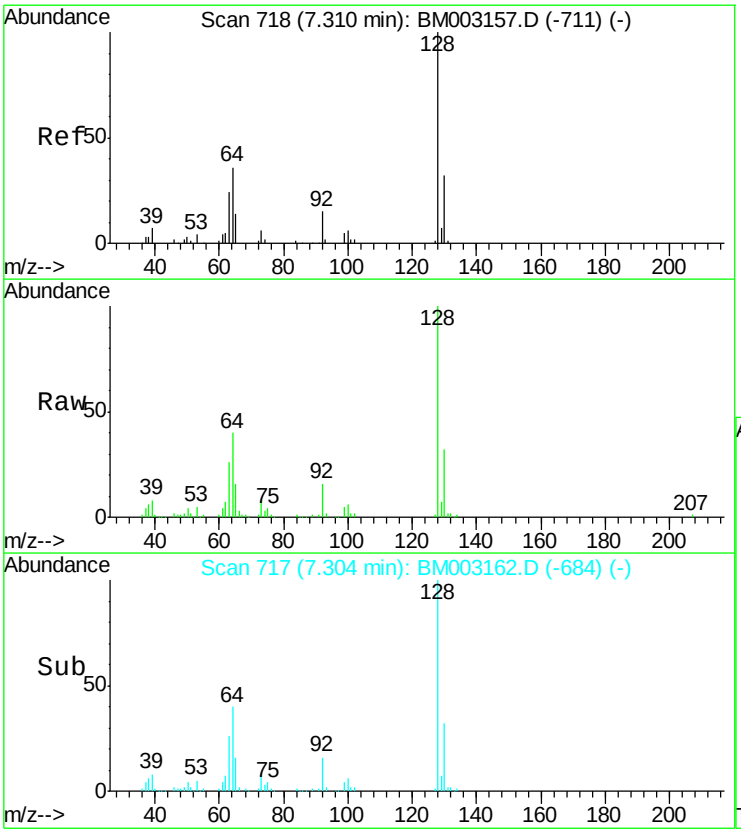
#6
Phenol
Concen: 16.34 ng/ul
RT: 6.93 min Scan# 654
Delta R.T. -0.00 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Instrument :
BNA_M
ClientSampleId :
A4J60MS

Tgt Ion: 94 Resp: 217090

Ion	Ratio	Lower	Upper
94	100		
65	25.6	18.7	28.1
66	35.1	24.2	36.2

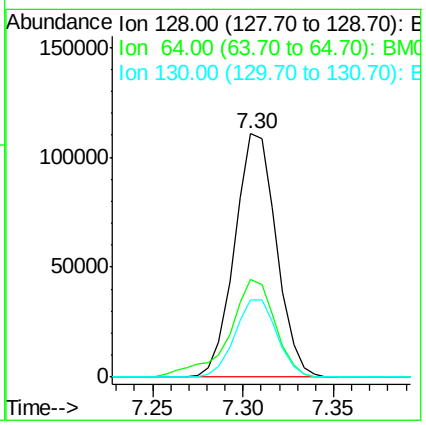


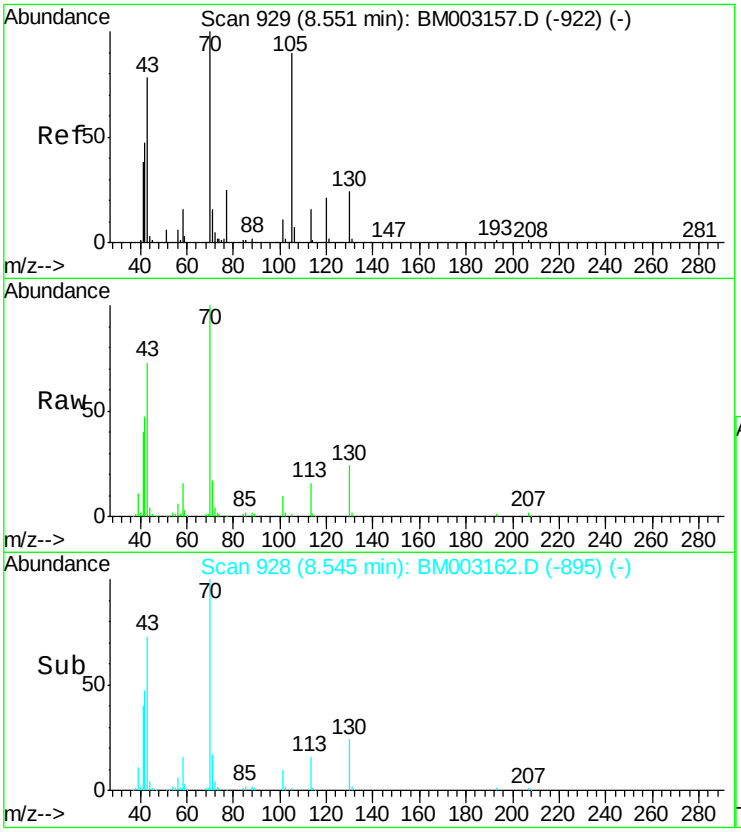


#10
2-Chlorophenol
Concen: 15.69 ng/ul
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Tgt Ion:128 Resp: 177169

Ion	Ratio	Lower	Upper
128	100		
64	39.9	32.2	48.4
130	31.9	26.7	40.1



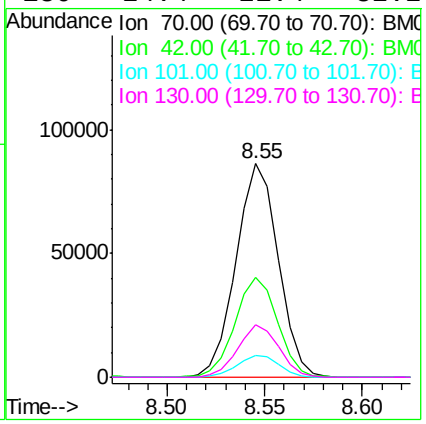


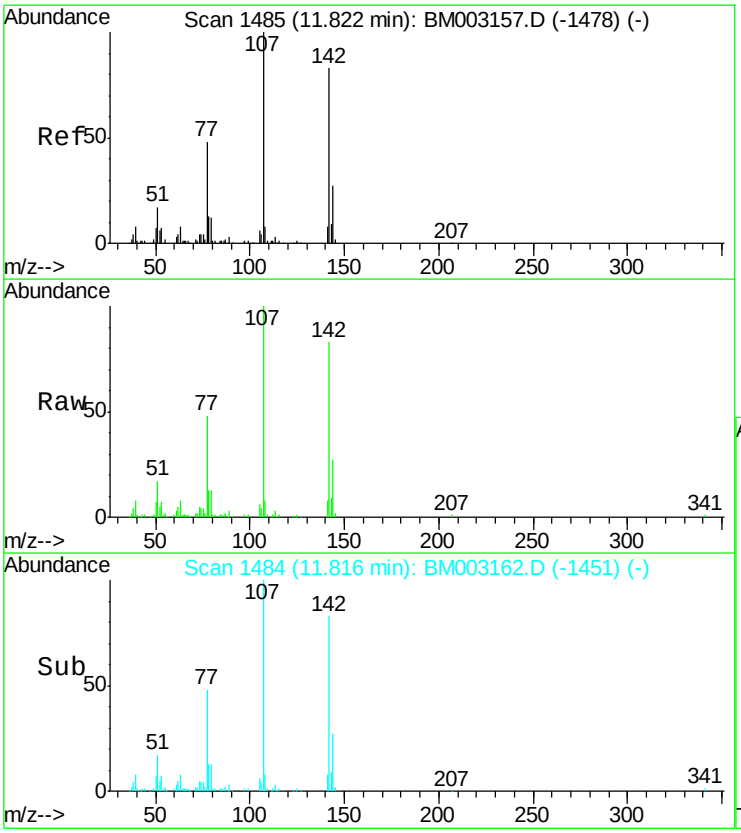
#15
N-Nitroso-di-n-propylamine
Concen: 16.52 ng/ul
RT: 8.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Instrument :
BNA_M
ClientSampleId :
A4J60MS

Tgt Ion: 70 Resp: 129268

Ion	Ratio	Lower	Upper
70	100		
42	47.0	43.5	65.3
101	10.3	9.0	13.4
130	24.4	21.4	32.2

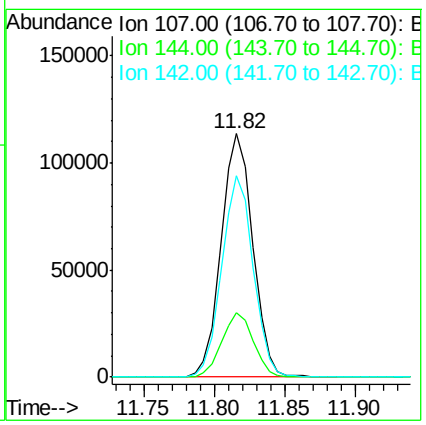


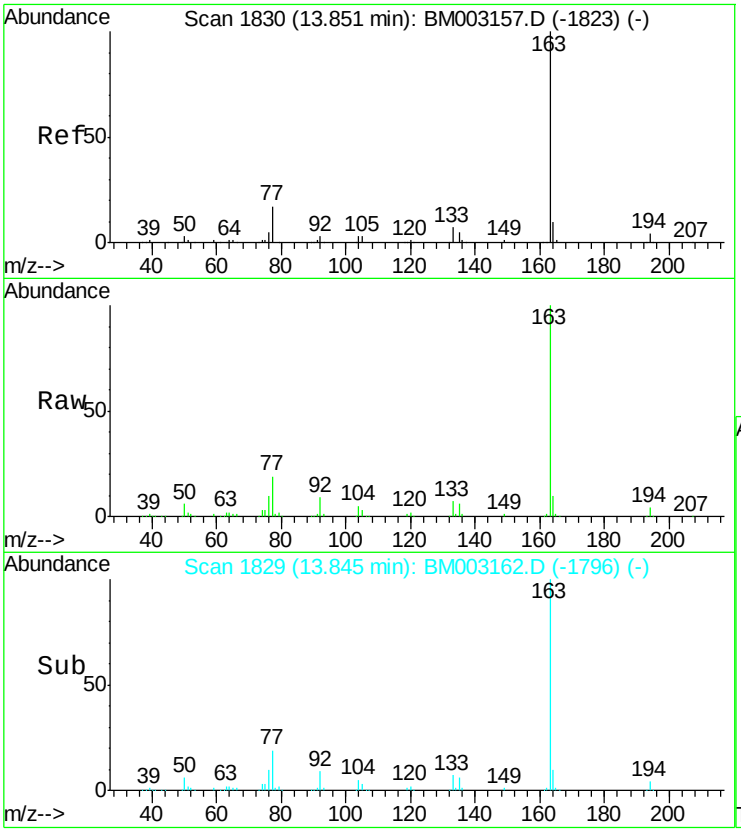


#33
4-Chloro-3-methylphenol
Concen: 15.80 ng/ul
RT: 11.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Tgt Ion:107 Resp: 177354

Ion	Ratio	Lower	Upper
107	100		
144	26.6	22.8	34.2
142	82.5	69.5	104.3



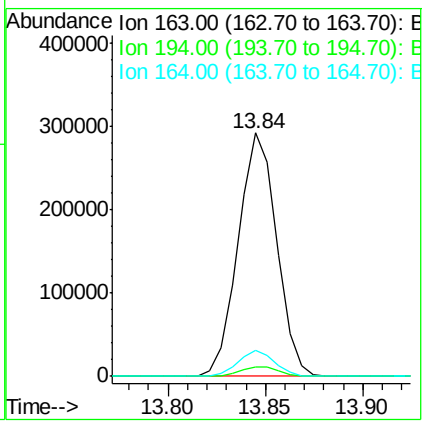


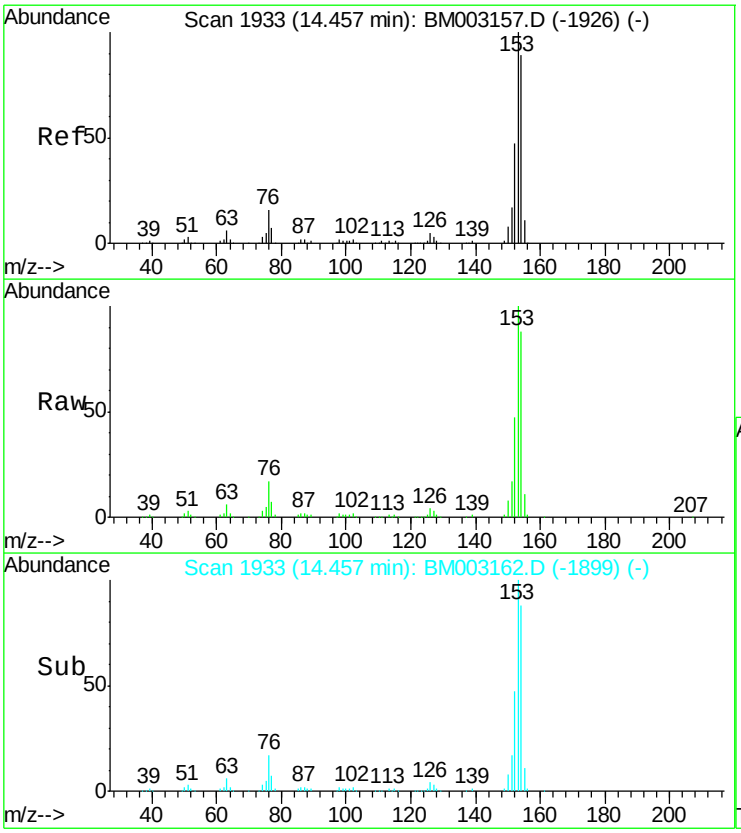
#45
Dimethylphthalate
Concen: 12.47 ng/ul
RT: 13.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Instrument :
BNA_M
ClientSampleId :
A4J60MS

Tgt Ion:163 Resp: 398148

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.4	7.8	11.8

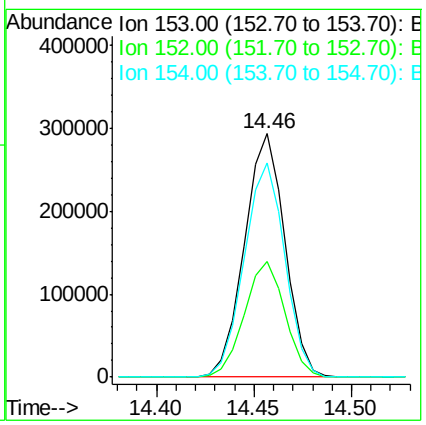


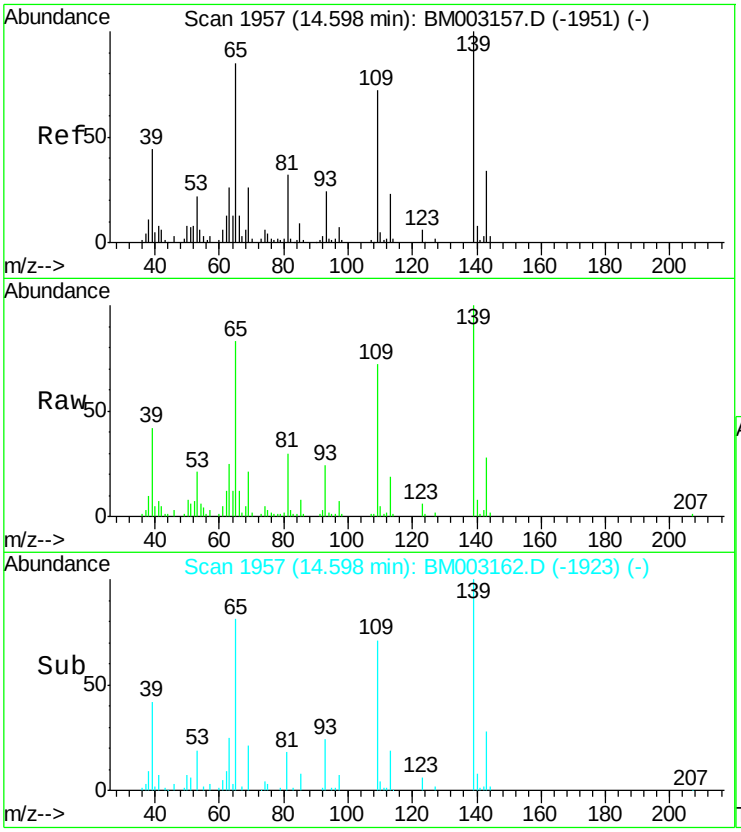


#50
Acenaphthene
Concen: 14.77 ng/ul
RT: 14.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Tgt Ion:153 Resp: 421586

Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.0	55.6
154	88.1	71.0	106.4



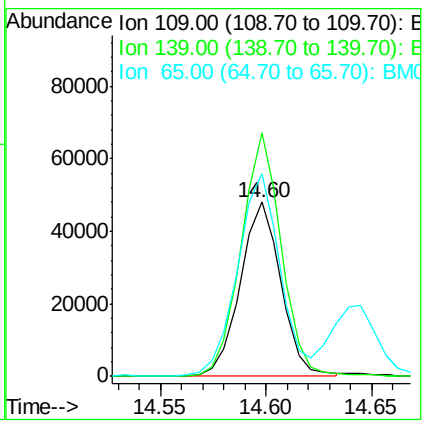


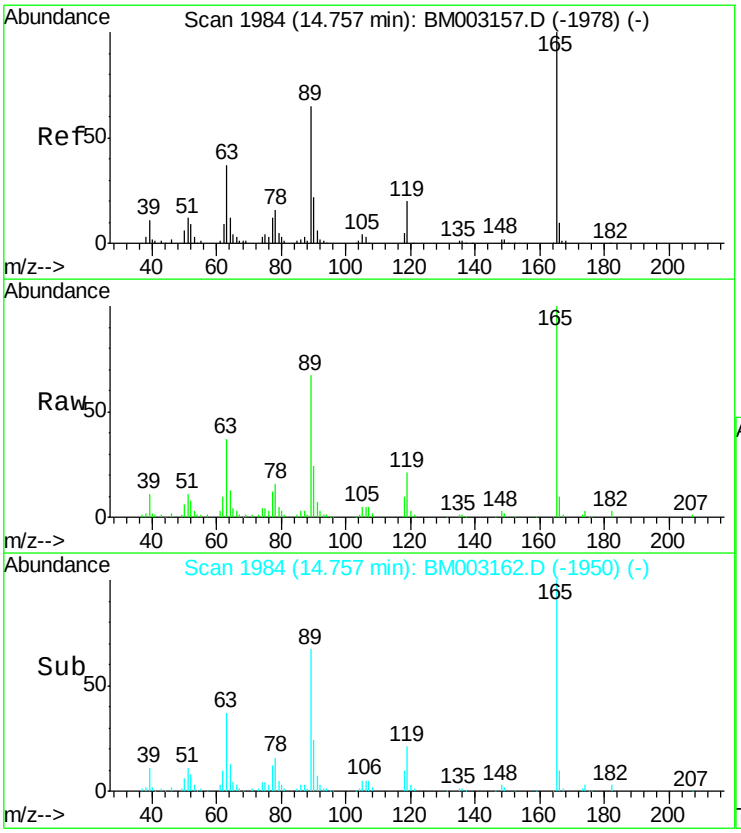
#53
4-Nitrophenol
Concen: 16.01 ng/ul
RT: 14.60 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Instrument :
BNA_M
ClientSampleId :
A4J60MS

Tgt Ion:109 Resp: 64253

Ion	Ratio	Lower	Upper
109	100		
139	139.8	150.3	225.5#
65	116.1	110.4	165.6

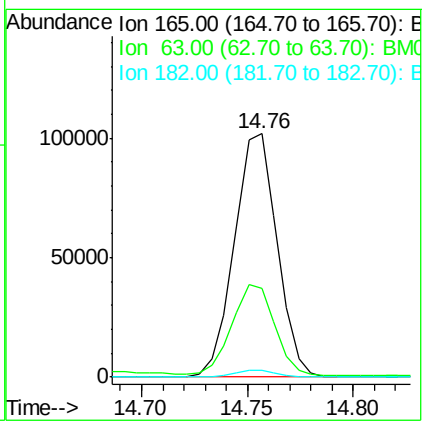


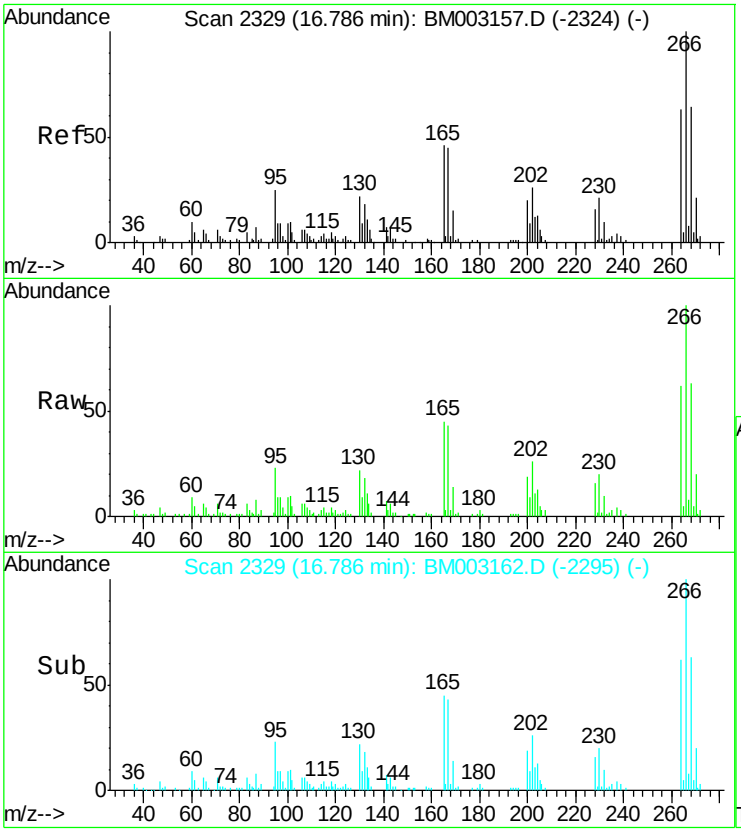


#55
2,4-Dinitrotoluene
Concen: 19.47 ng/ul
RT: 14.76 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Tgt Ion:165 Resp: 142984

Ion	Ratio	Lower	Upper
165	100		
63	36.6	26.2	39.2
182	2.8	2.2	3.4



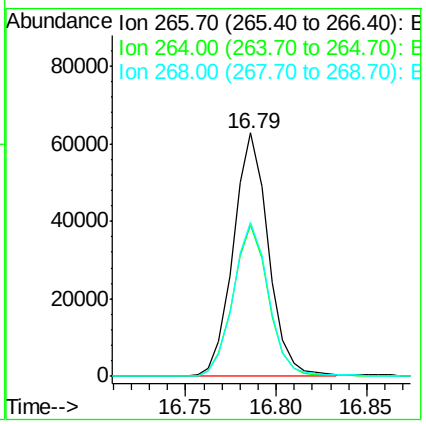


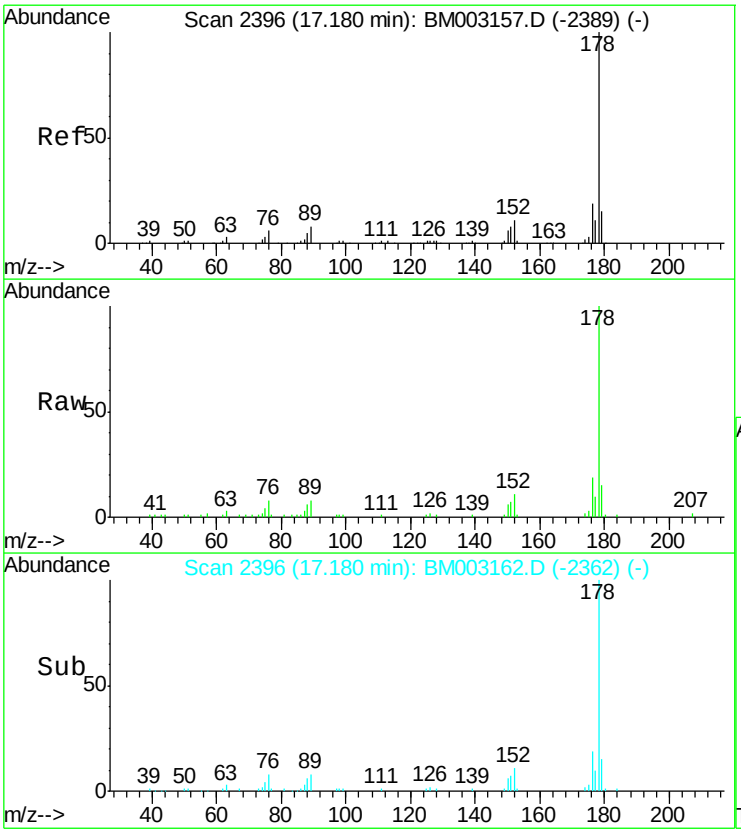
#69
Pentachlorophenol
Concen: 15.25 ng/ul
RT: 16.79 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Instrument :
BNA_M
ClientSampleId :
A4J60MS

Tgt Ion:266 Resp: 84689

Ion	Ratio	Lower	Upper
266	100		
264	62.1	52.0	78.0
268	63.4	49.7	74.5

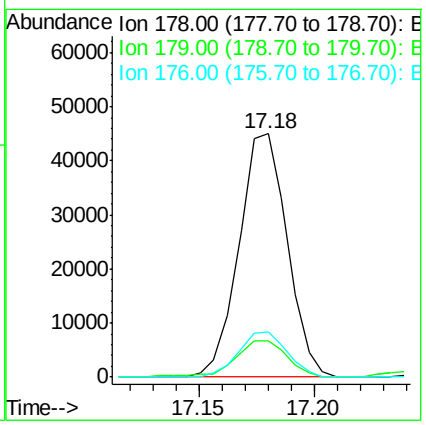


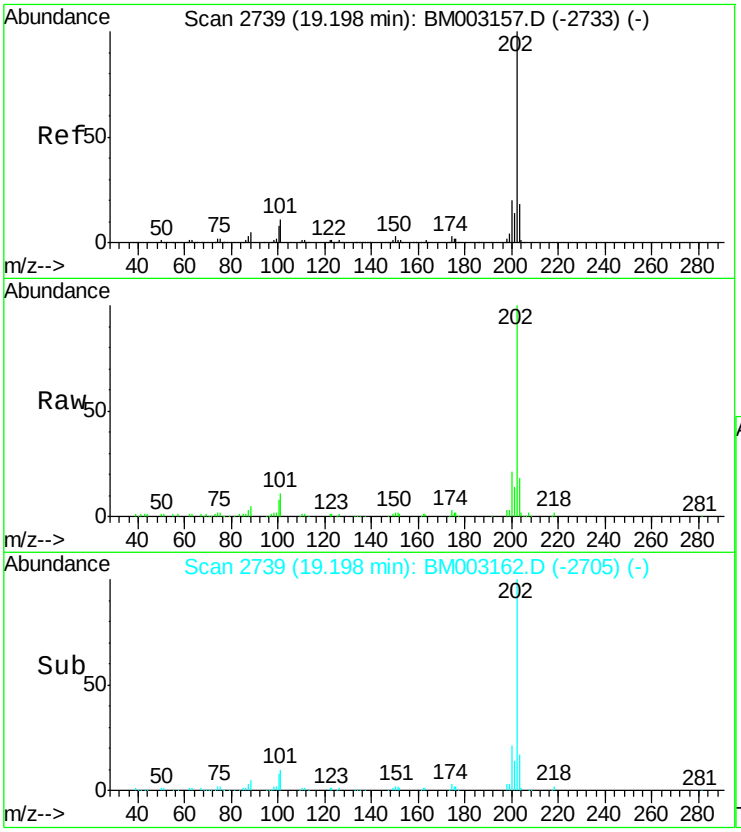


#70
Phenanthrene
Concen: 1.38 ng/ul
RT: 17.18 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Tgt Ion:178 Resp: 65535

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	18.8	14.7	22.1



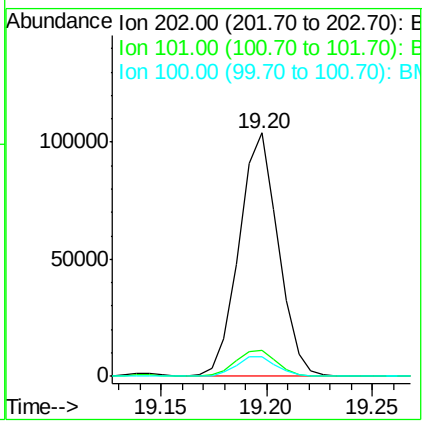


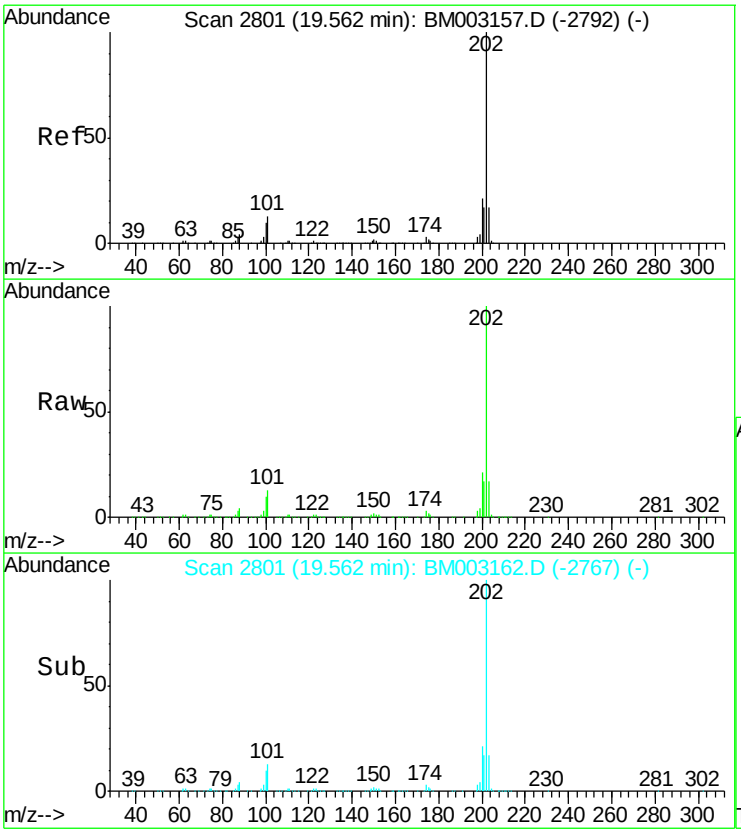
#77
Fluoranthene
Concen: 2.78 ng/ul
RT: 19.20 min Scan# 2739
Delta R.T. -0.00 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Instrument :
BNA_M
ClientSampleId :
A4J60MS

Tgt Ion:202 Resp: 133634

Ion	Ratio	Lower	Upper
202	100		
101	10.5	10.4	15.6
100	8.2	7.8	11.6

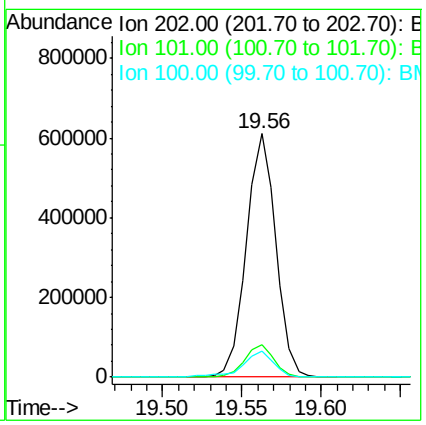


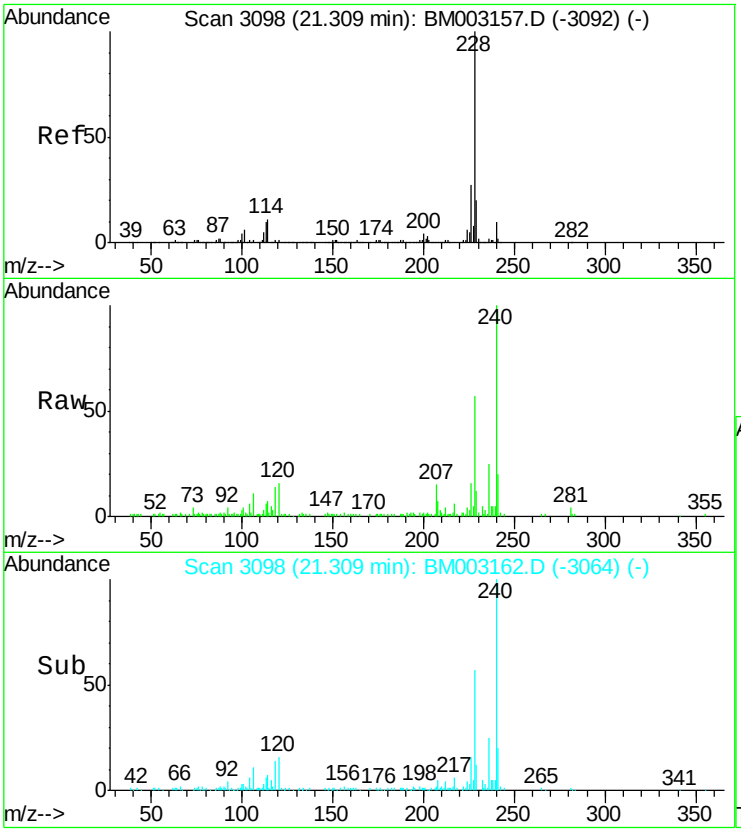


#80
Pyrene
Concen: 15.88 ng/ul
RT: 19.56 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Tgt Ion:202 Resp: 787837

Ion	Ratio	Lower	Upper
202	100		
101	13.2	12.6	18.8
100	10.5	10.6	15.8#



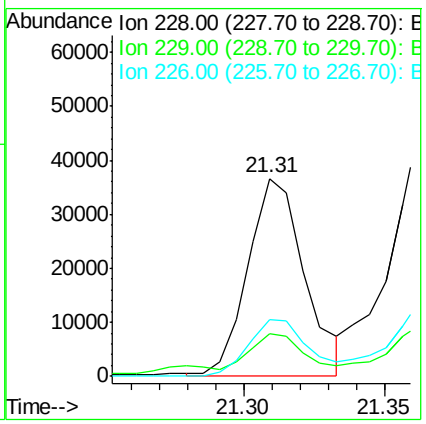


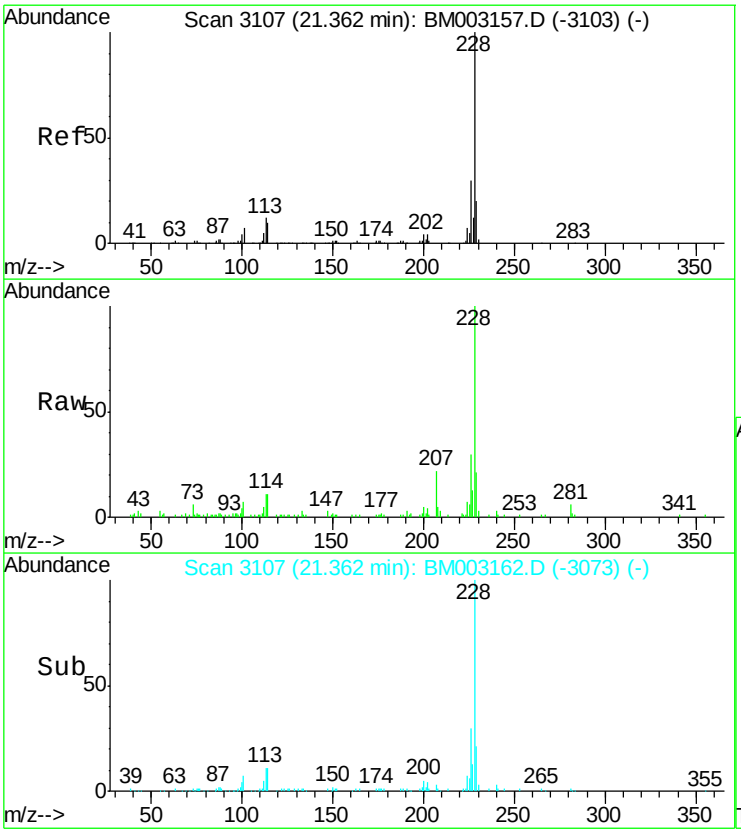
#83
Benzo(a)anthracene
Concen: 1.23 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Instrument :
BNA_M
ClientSampleId :
A4J60MS

Tgt Ion:228 Resp: 51327

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.6	23.4
226	28.8	21.0	31.6

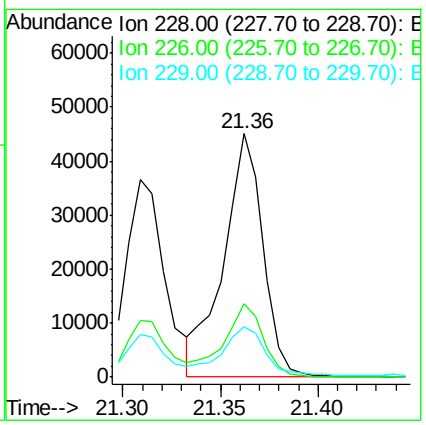


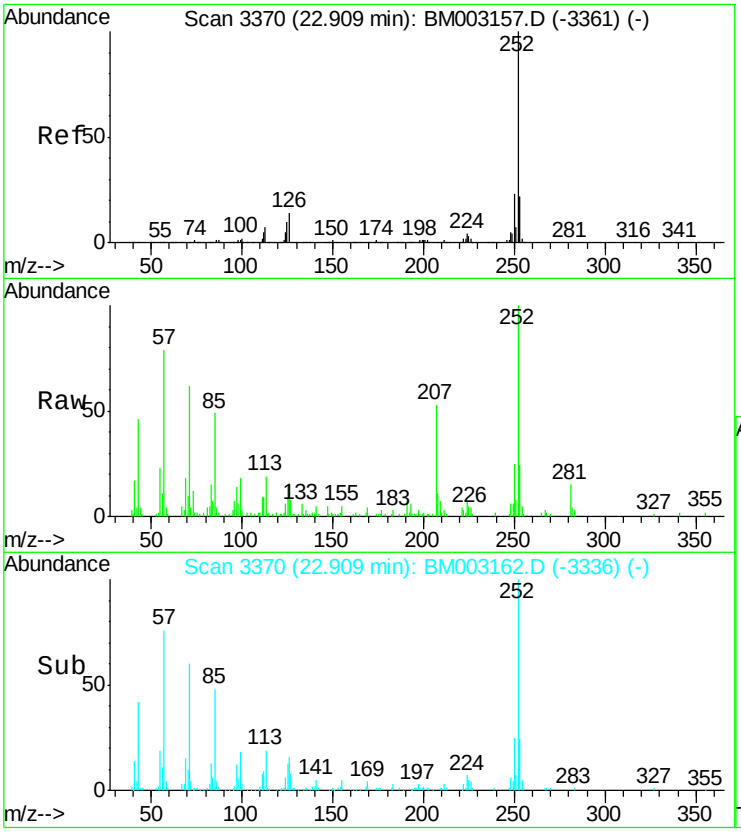


#85
Chrysene
Concen: 1.54 ng/ul
RT: 21.36 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Tgt Ion:228 Resp: 63241

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	20.6	15.8	23.6



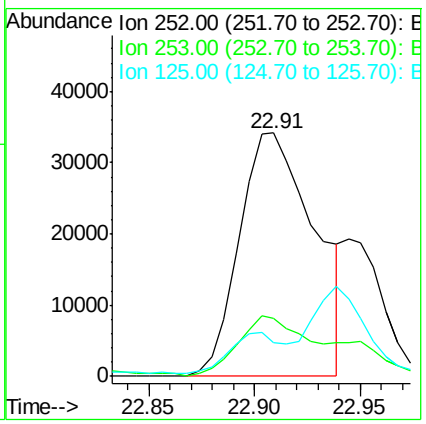


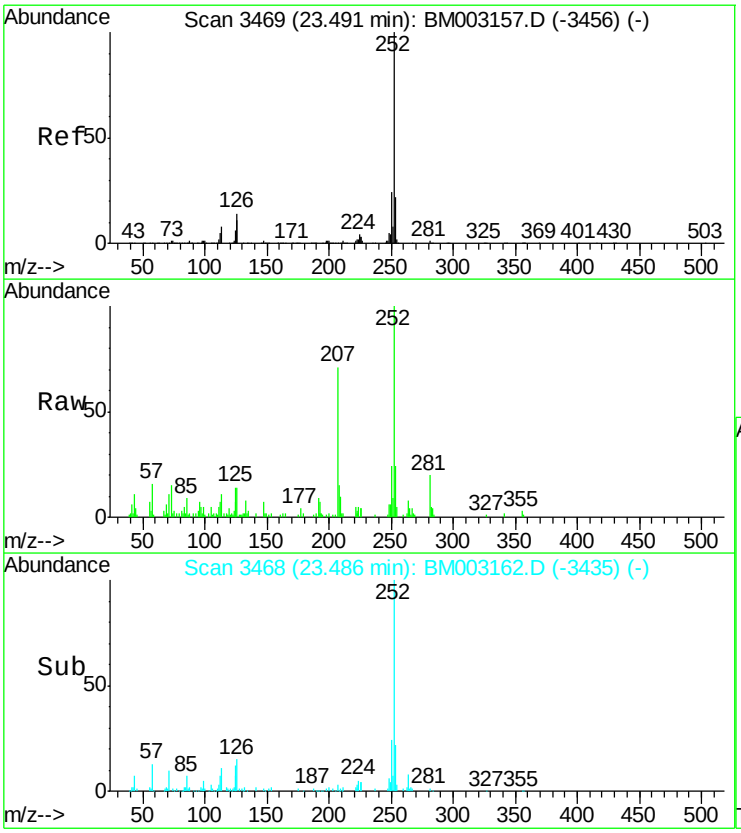
#88
Benzo(b)fluoranthene
Concen: 1.94 ng/ul
RT: 22.91 min Scan# 3370
Delta R.T. -0.00 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Instrument :
BNA_M
ClientSampleId :
A4J60MS

Tgt Ion:252 Resp: 84336

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	14.1	10.7	16.1





#91
Benzo(a)pyrene
Concen: 1.28 ng/ul
RT: 23.49 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM003162.D
Acq: 17 Nov 2015 02:50

Tgt Ion:252 Resp: 52676

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	13.5	11.9	17.9