Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
Data File : BM003163.D
Acq On : 17 Nov 2015 03:26
Operator : UM/IZ
Sample : G4323-33MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4J60MSD

Quant Time: Nov 17 04:02:17 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	124216	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	544121	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	314794	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	695954	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	754449	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	758882	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	6018	2.28	ng/uL	0.00
5) Phenol-d5	6.90	99	116855	11.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	70368	12.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	103326	12.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	75794	9.57	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	50484	15.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	53419	15.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	96387	12.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	68935	7.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	338909	14.31	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	361187	12.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	53310	13.36	ng/ul	0.00
58) Fluorene-d10	15.39	176	284852	13.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	39271	12.18	ng/ul	0.00
71) Anthracene-d10	17.23	188	374649	12.14	ng/ul	0.00
79) Pyrene-d10	19.53	212	389249	10.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	373685	10.36	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.93	94	131241	12.99	ng/ul	93
10) 2-Chlorophenol	7.30	128	109264	12.71	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	80240	13.48	ng/ul	91
33) 4-Chloro-3-methylphenol	11.82	107	104659	12.80	ng/ul	94
45) Dimethylphthalate	13.84	163	153304	6.35	ng/ul	99
50) Acenaphthene	14.46	153	272447	12.62	ng/ul	99
53) 4-Nitrophenol	14.60	109	44975	14.82	ng/ul#	71
55) 2,4-Dinitrotoluene	14.75	165	96987	17.47	ng/ul#	87
69) Pentachlorophenol	16.79	266	57468	12.48	ng/ul	98
70) Phenanthrene	17.17	178	41294	1.05	ng/ul	99
77) Fluoranthene	19.20	202	90727	2.28	ng/ul#	94
80) Pyrene	19.56	202	597271	12.10	ng/ul#	93
85) Chrysene	21.36	228	46658	1.14	ng/ul	95
88) Benzo(b)fluoranthene	22.91	252	66114	1.51	ng/ul	97

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

Quantitation Report (QT Reviewed)

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Data File : BM003163.D
Acq On : 17 Nov 2015 03:26
Operator : UM/IZ
Sample : G4323-33MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4J60MSD

Quant Time: Nov 17 04:02:17 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
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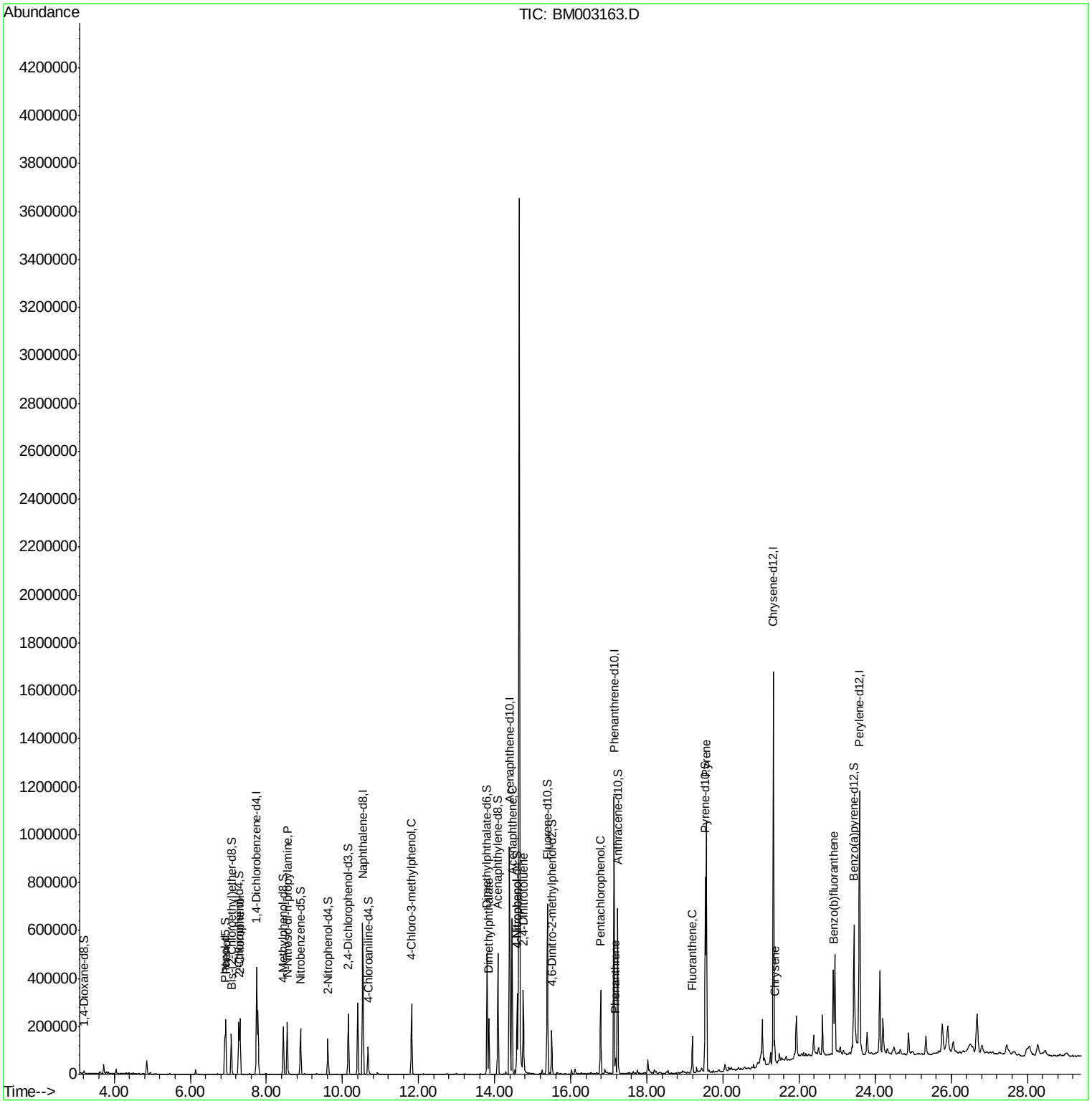
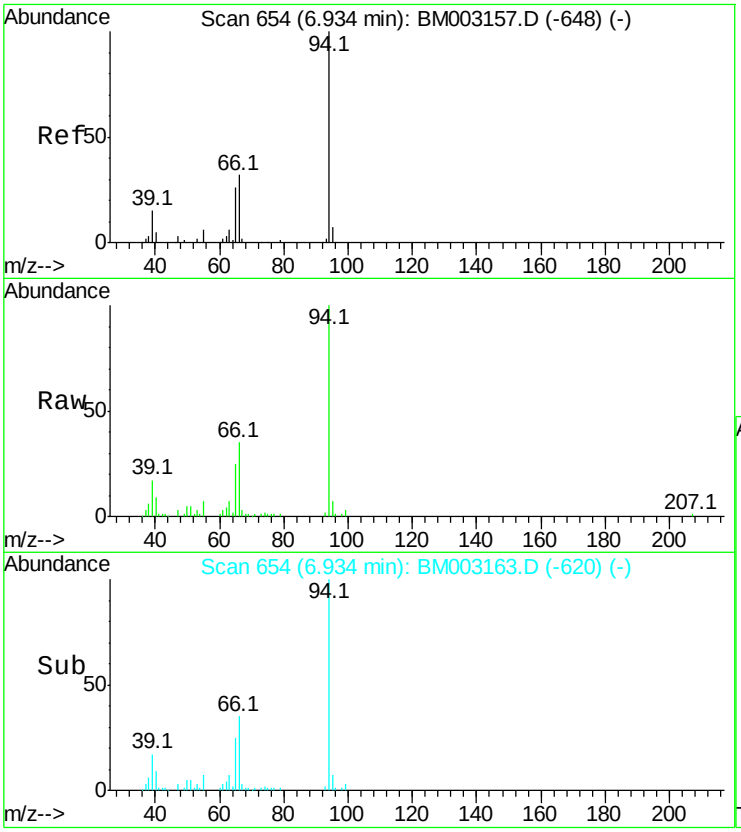


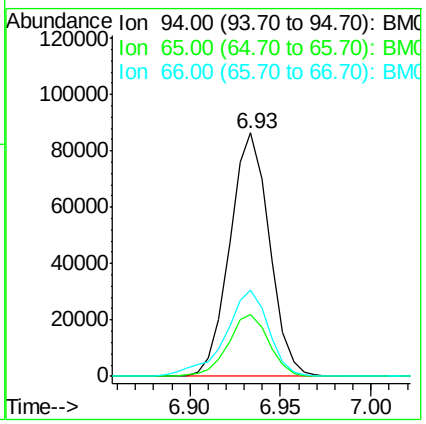


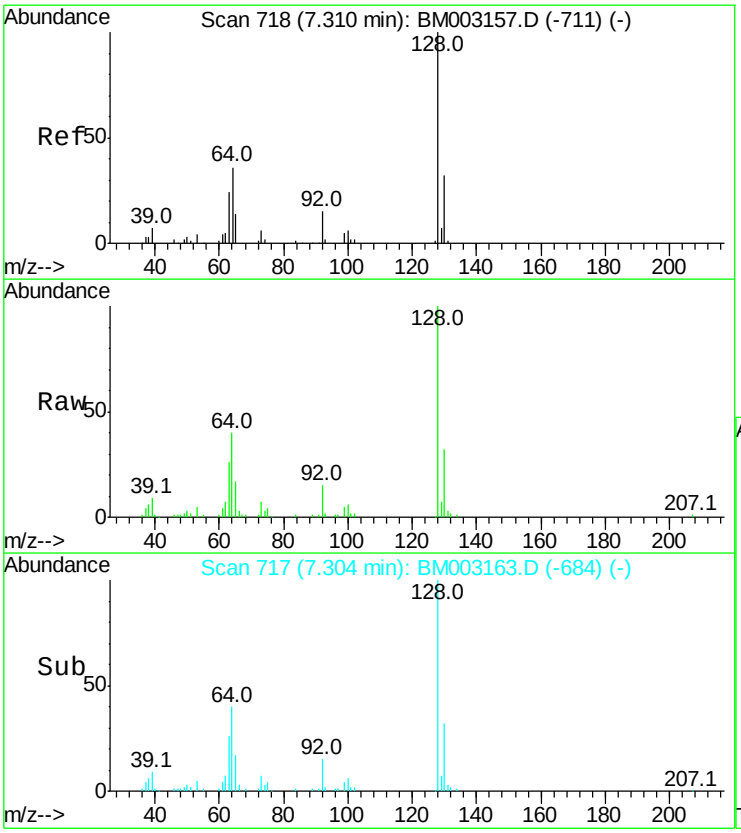
#6
Phenol
Concen: 12.99 ng/ul
RT: 6.93 min Scan# 654
Delta R.T. -0.00 min
Lab File: BM003163.D
Acq: 17 Nov 2015 03:26

Instrument :
BNA_M
ClientSampleId :
A4J60MSD

Tgt Ion: 94 Resp: 131241

Ion	Ratio	Lower	Upper
94	100		
65	25.4	18.7	28.1
66	35.4	24.2	36.2

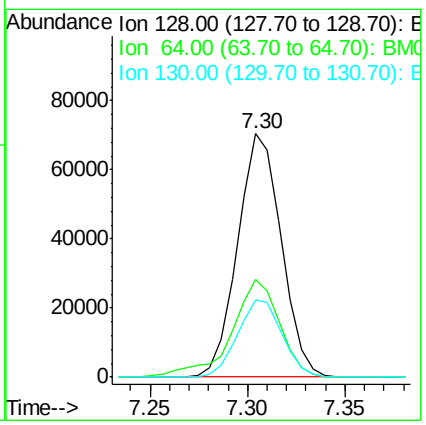


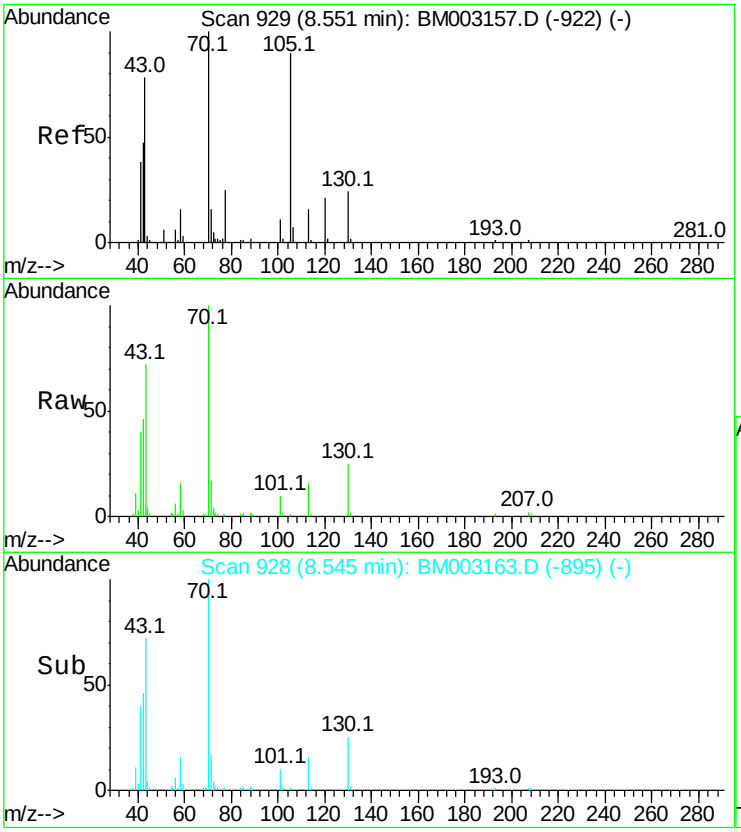


#10
2-Chlorophenol
Concen: 12.71 ng/ul
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BM003163.D
Acq: 17 Nov 2015 03:26

Tgt Ion:128 Resp: 109264

Ion	Ratio	Lower	Upper
128	100		
64	40.4	32.2	48.4
130	31.7	26.7	40.1



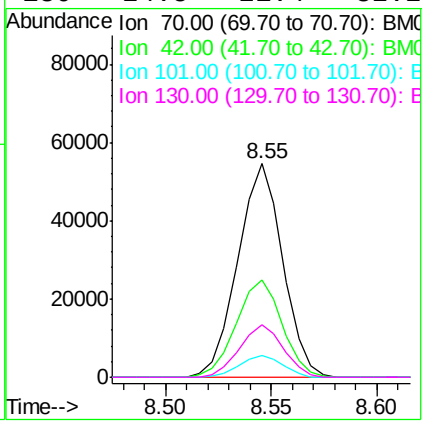


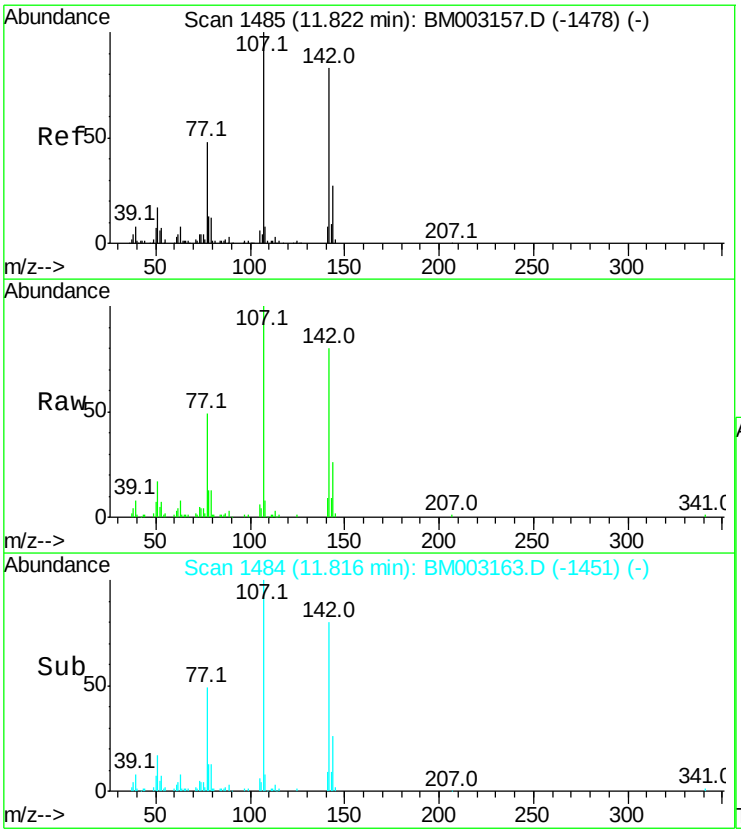
#15
N-Nitroso-di-n-propylamine
Concen: 13.48 ng/ul
RT: 8.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BM003163.D
Acq: 17 Nov 2015 03:26

Instrument :
BNA_M
ClientSampleId :
A4J60MSD

Tgt Ion: 70 Resp: 80240

Ion	Ratio	Lower	Upper
70	100		
42	45.8	43.5	65.3
101	10.3	9.0	13.4
130	24.5	21.4	32.2

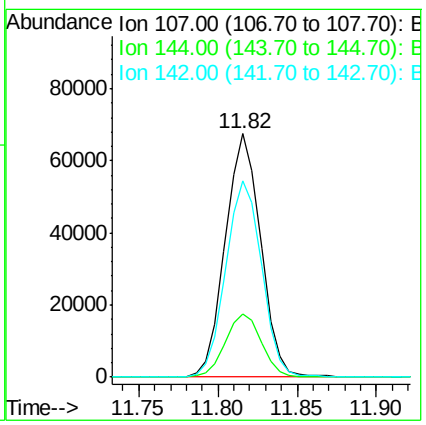


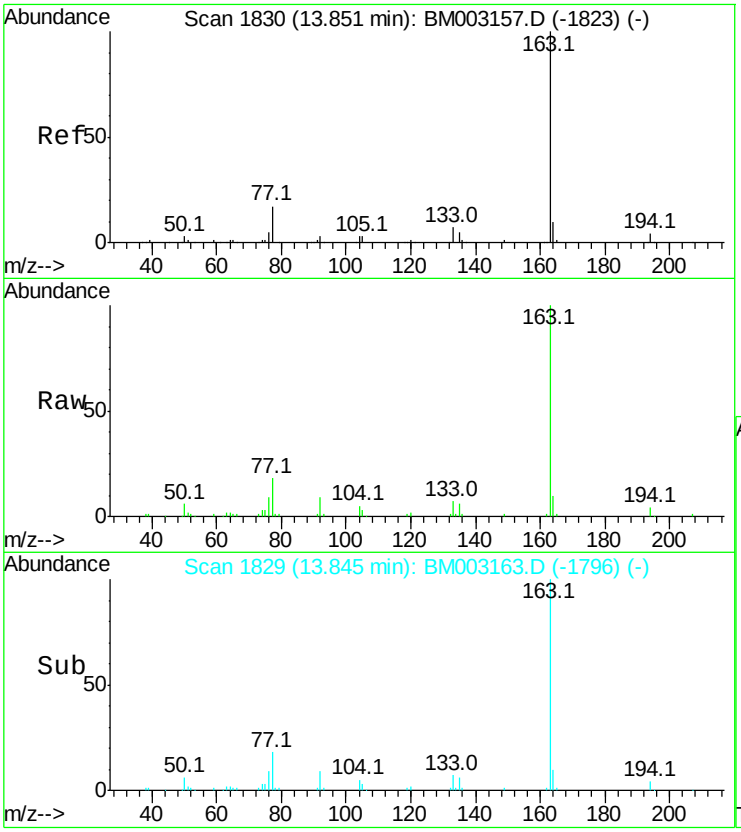


#33
4-Chloro-3-methylphenol
Concen: 12.80 ng/ul
RT: 11.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BM003163.D
Acq: 17 Nov 2015 03:26

Tgt Ion:107 Resp: 104659

Ion	Ratio	Lower	Upper
107	100		
144	26.2	22.8	34.2
142	80.4	69.5	104.3



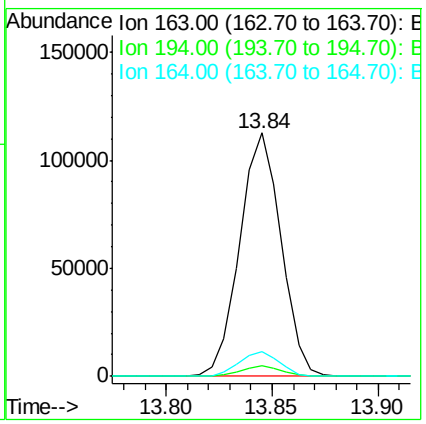


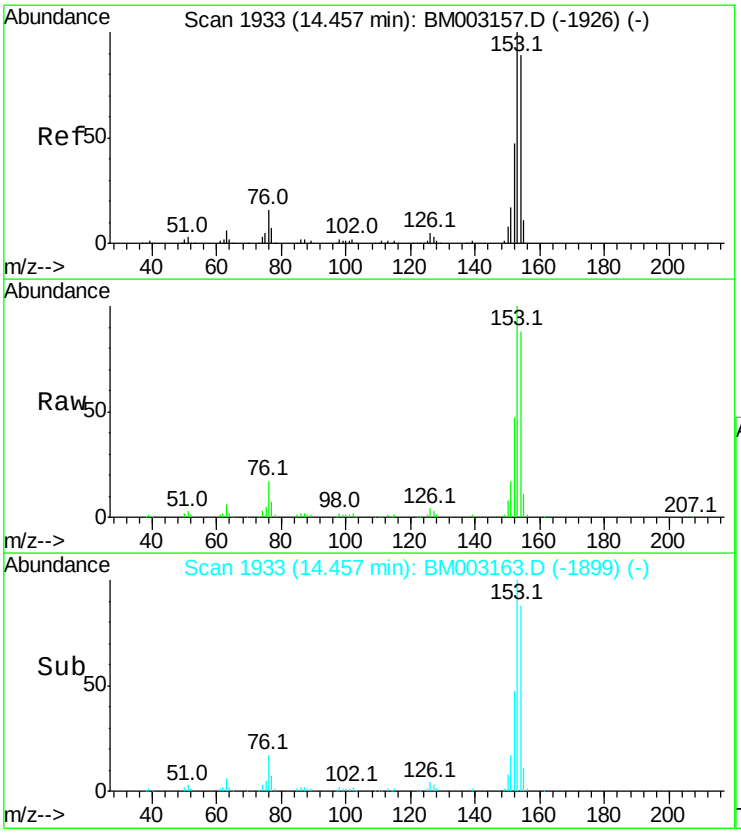
#45
Dimethylphthalate
Concen: 6.35 ng/ul
RT: 13.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BM003163.D
Acq: 17 Nov 2015 03:26

Instrument :
BNA_M
ClientSampleId :
A4J60MSD

Tgt Ion:163 Resp: 153304

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.1	7.8	11.8

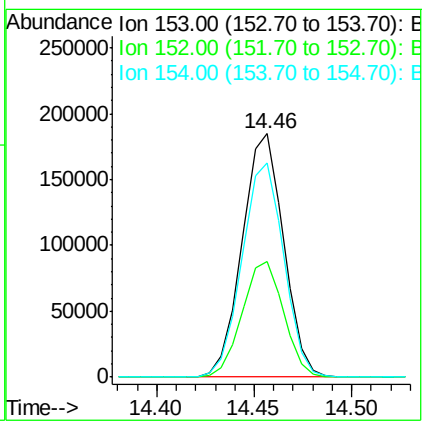


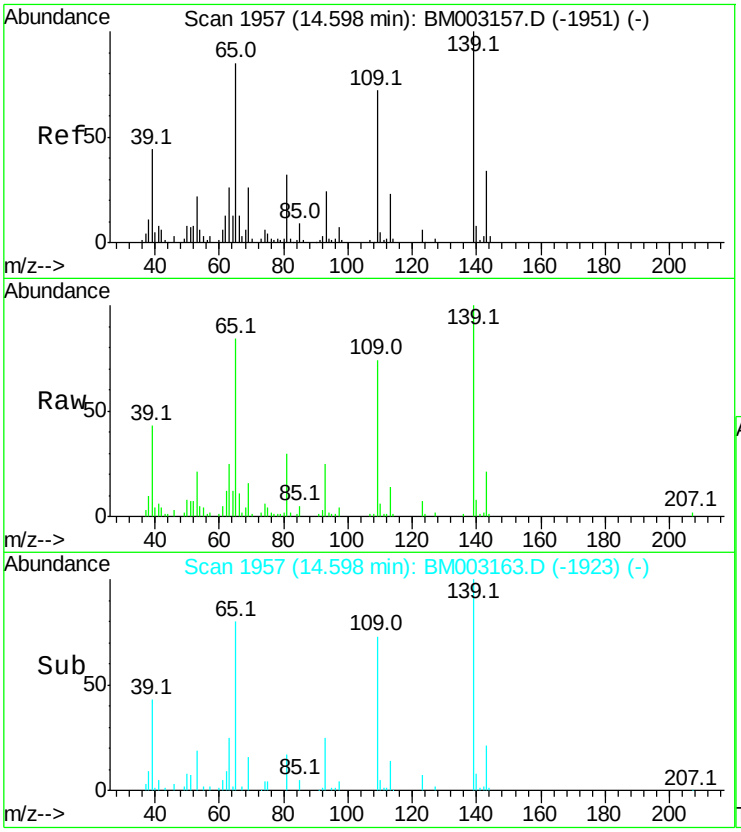


#50
Acenaphthene
Concen: 12.62 ng/ul
RT: 14.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BM003163.D
Acq: 17 Nov 2015 03:26

Tgt Ion:153 Resp: 272447

Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.0	55.6
154	87.8	71.0	106.4



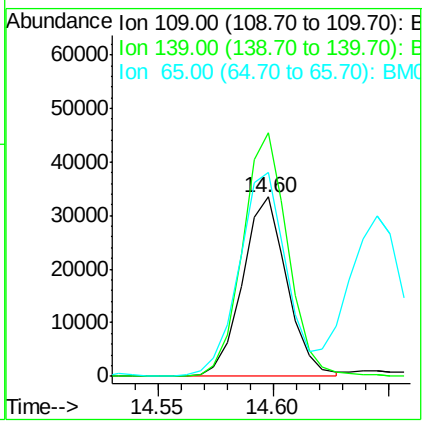


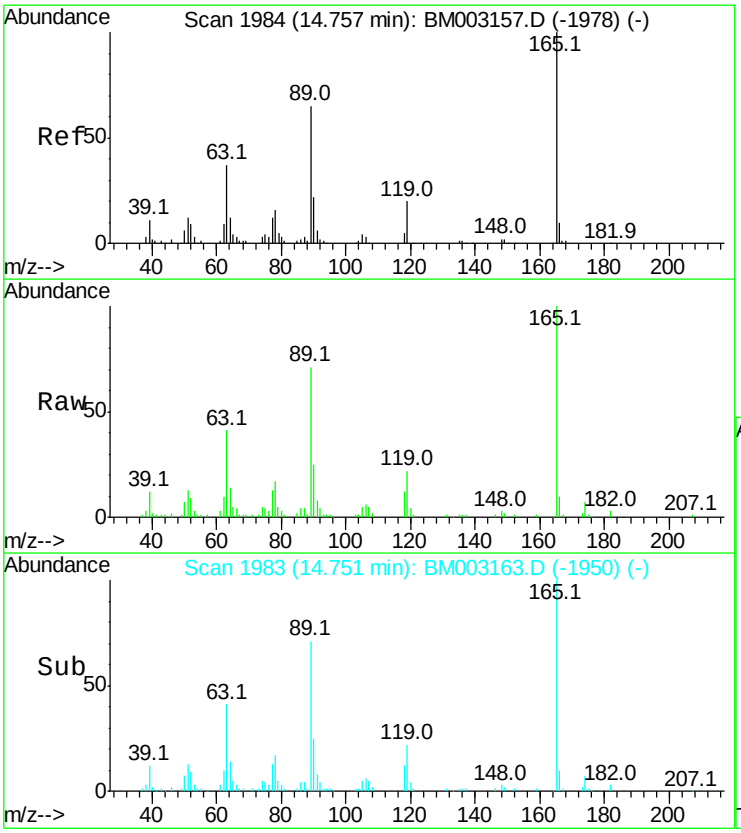
#53
4-Nitrophenol
Concen: 14.82 ng/ul
RT: 14.60 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BM003163.D
Acq: 17 Nov 2015 03:26

Instrument :
BNA_M
ClientSampleId :
A4J60MSD

Tgt Ion:109 Resp: 44975

Ion	Ratio	Lower	Upper
109	100		
139	135.6	150.3	225.5#
65	113.9	110.4	165.6

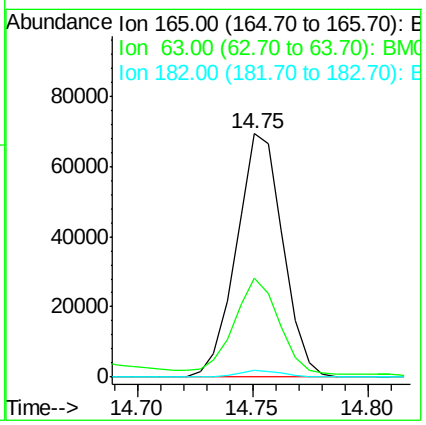


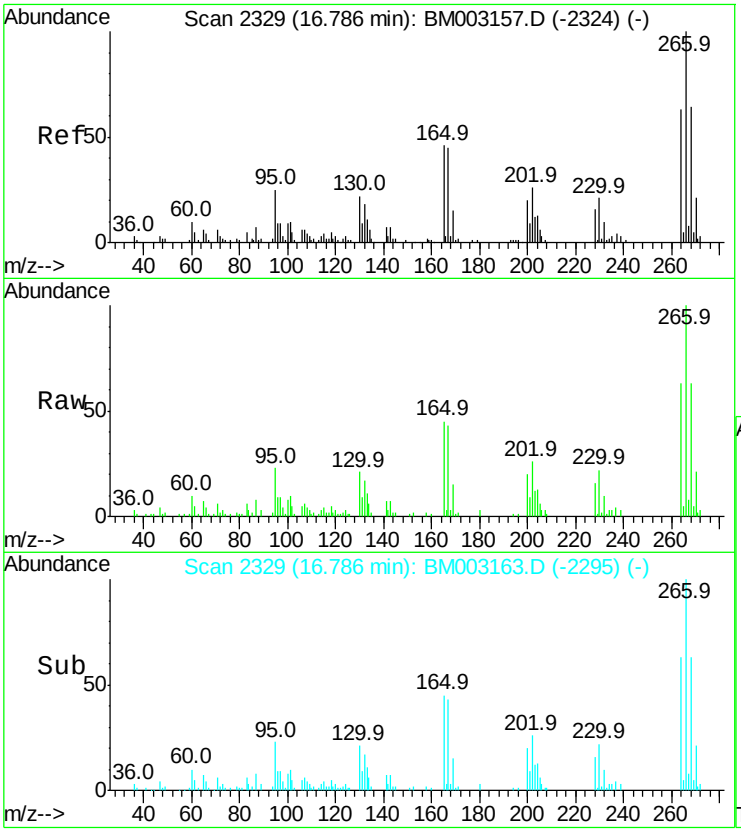


#55
2,4-Dinitrotoluene
Concen: 17.47 ng/ul
RT: 14.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM003163.D
Acq: 17 Nov 2015 03:26

Tgt Ion:165 Resp: 96987

Ion	Ratio	Lower	Upper
165	100		
63	40.9	26.2	39.2#
182	2.6	2.2	3.4



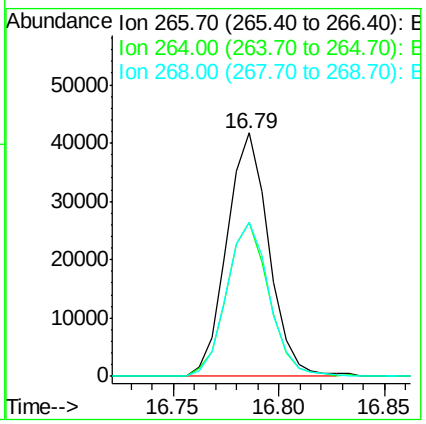


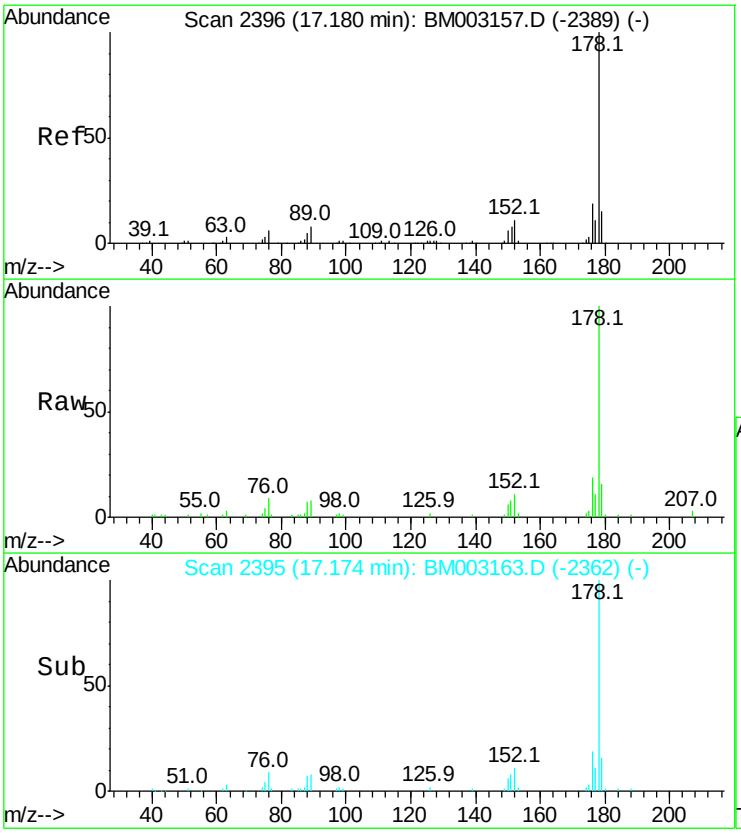
#69
Pentachlorophenol
Concen: 12.48 ng/ul
RT: 16.79 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BM003163.D
Acq: 17 Nov 2015 03:26

Instrument :
BNA_M
ClientSampleId :
A4J60MSD

Tgt Ion:266 Resp: 57468

Ion	Ratio	Lower	Upper
266	100		
264	63.4	52.0	78.0
268	63.2	49.7	74.5

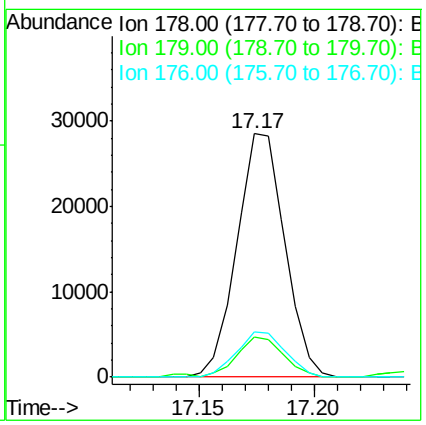


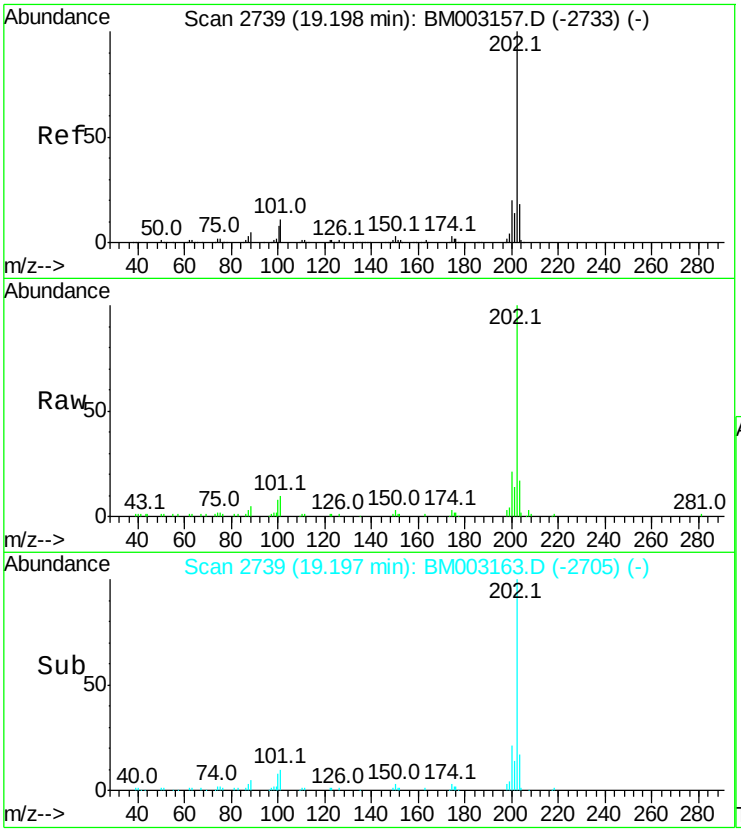


#70
Phenanthrene
Concen: 1.05 ng/ul
RT: 17.17 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM003163.D
Acq: 17 Nov 2015 03:26

Tgt Ion:178 Resp: 41294

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.4
176	18.6	14.7	22.1



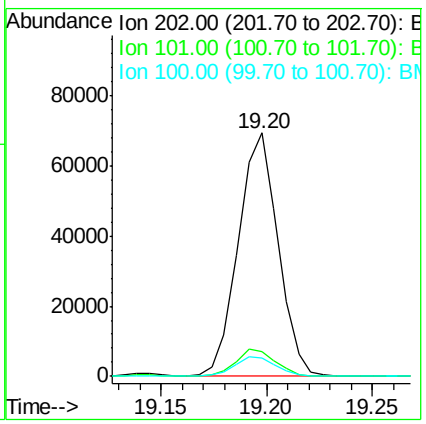


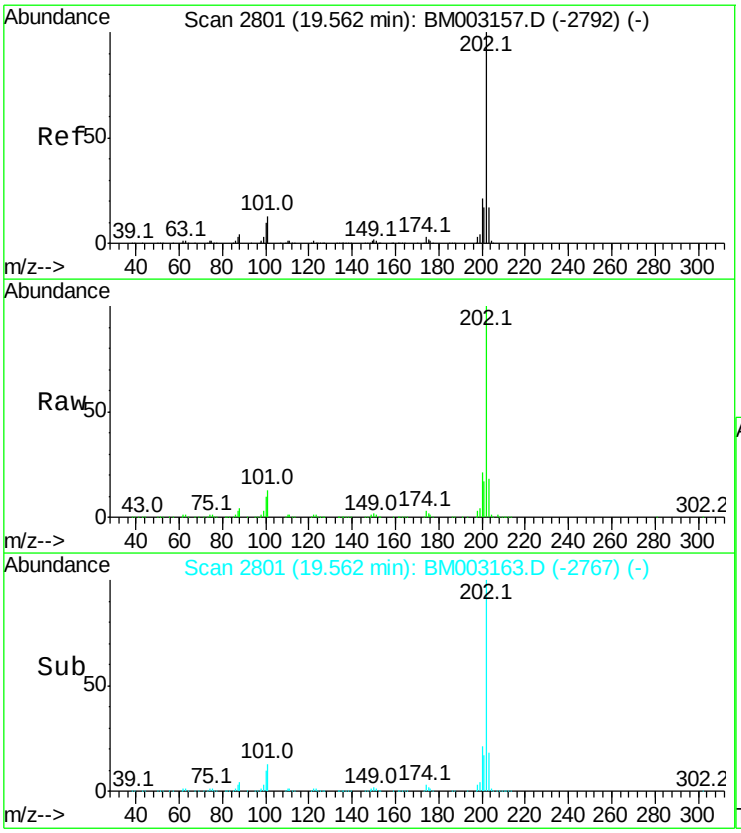
#77
Fluoranthene
Concen: 2.28 ng/ul
RT: 19.20 min Scan# 2739
Delta R.T. -0.00 min
Lab File: BM003163.D
Acq: 17 Nov 2015 03:26

Instrument :
BNA_M
ClientSampleId :
A4J60MSD

Tgt Ion:202 Resp: 90727

Ion	Ratio	Lower	Upper
202	100		
101	10.2	10.4	15.6#
100	7.8	7.8	11.6

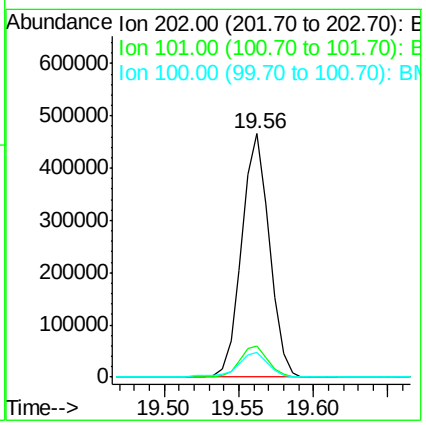


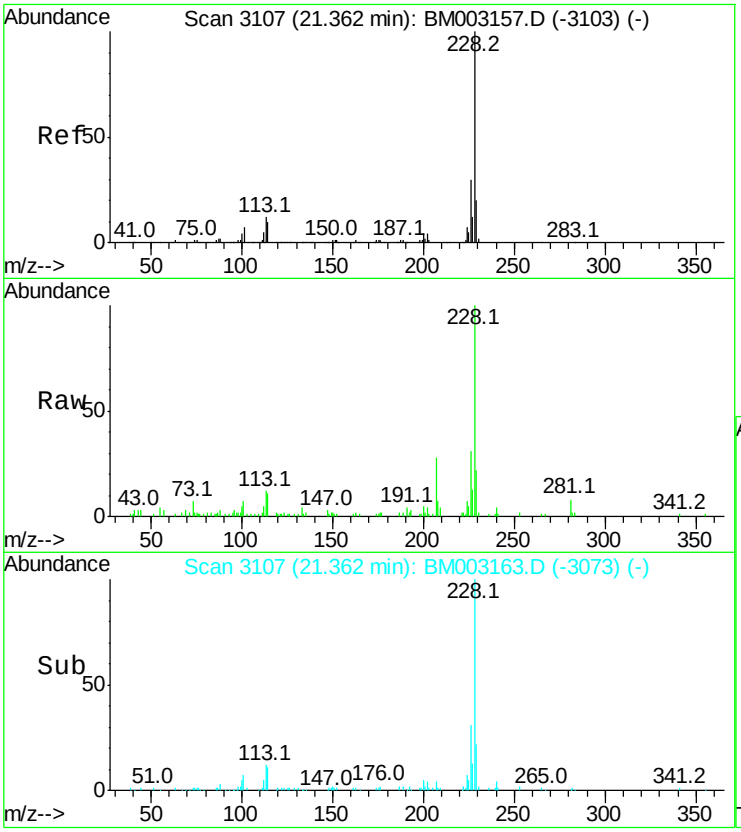


#80
Pyrene
Concen: 12.10 ng/ul
RT: 19.56 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BM003163.D
Acq: 17 Nov 2015 03:26

Tgt Ion:202 Resp: 597271

Ion	Ratio	Lower	Upper
202	100		
101	13.0	12.6	18.8
100	10.2	10.6	15.8#



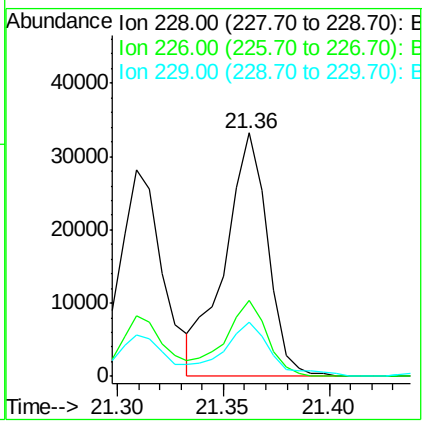


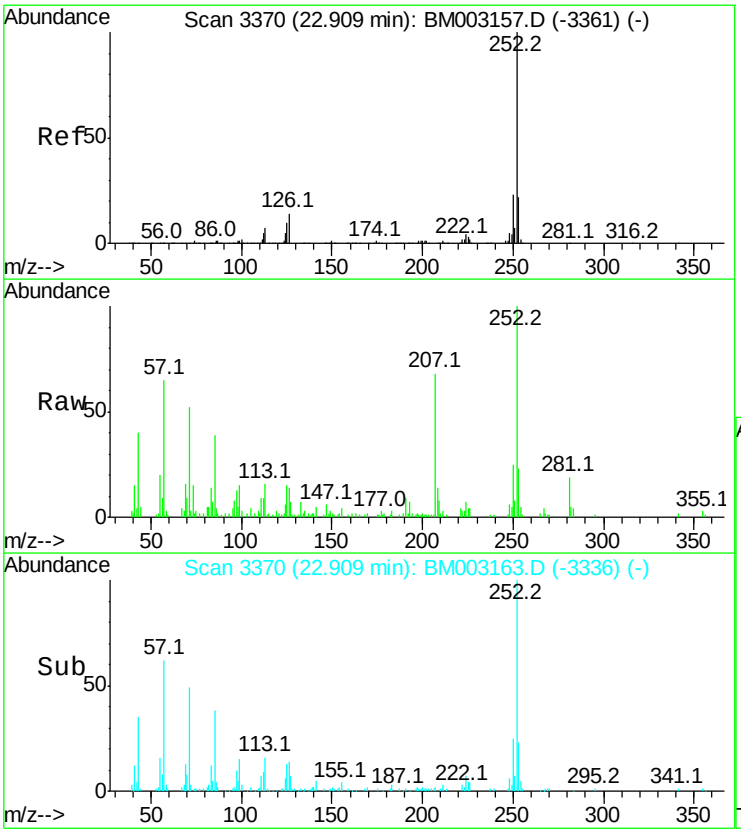
#85
Chrysene
Concen: 1.14 ng/ul
RT: 21.36 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BM003163.D
Acq: 17 Nov 2015 03:26

Instrument :
BNA_M
ClientSampleId :
A4J60MSD

Tgt Ion:228 Resp: 46658

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.3	34.9
229	22.0	15.8	23.6





#88
Benzo(b)fluoranthene
Concen: 1.51 ng/ul
RT: 22.91 min Scan# 3370
Delta R.T. -0.00 min
Lab File: BM003163.D
Acq: 17 Nov 2015 03:26

Tgt Ion:252 Resp: 66114

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	14.6	10.7	16.1