Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062415\
Data File : BM001783.D
Acq On : 24 Jun 2015 15:43
Operator : TP/IZ
Sample : G2740-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0FA2MSD

Quant Time: Jun 25 02:02:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 25 02:00:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	70563	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	279504	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	160246	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	349286	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	381684	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	374630	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	3624	2.45	ng/uL	0.00
5) Phenol-d5	6.83	99	83531	15.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	46544	15.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	66512	15.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	48221	11.08	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	30589	15.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	33653	15.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	68817	15.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	49909	10.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	185297	15.59	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	245155	15.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	28976	13.22	ng/ul	0.00
57) Fluorene-d10	15.31	176	175004	15.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	20125	9.43	ng/ul	0.00
70) Anthracene-d10	17.16	188	256823	15.78	ng/ul	0.00
78) Pyrene-d10	19.46	212	275571	17.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	237124	14.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.88	88	10700	6.33	ng/uL#	1
6) Phenol	6.86	94	92375	16.51	ng/ul	93
10) 2-Chlorophenol	7.22	128	65940	14.86	ng/ul	98
14) Acetophenone	8.48	105	52371	7.58	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	50777	15.05	ng/ul	95
28) Naphthalene	10.50	128	19615	1.39	ng/ul	97
33) 4-Chloro-3-methylphenol	11.74	107	65336	13.97	ng/ul	93
44) Dimethylphthalate	13.77	163	58513	4.51	ng/ul	97
49) Acenaphthene	14.38	153	167828	15.81	ng/ul	99
52) 4-Nitrophenol	14.53	109	27271	12.04	ng/ul	94
54) 2,4-Dinitrotoluene	14.69	165	52400	14.56	ng/ul	100
58) Fluorene	15.37	166	13940	1.10	ng/ul	96
68) Pentachlorophenol	16.71	266	34652	12.92	ng/ul	99
69) Phenanthrene	17.10	178	133262	7.04	ng/ul	98
71) Anthracene	17.19	178	28904	1.49	ng/ul	96
76) Fluoranthene	19.13	202	153810	6.79	ng/ul	99
79) Pyrene	19.49	202	464158	21.92	ng/ul	98
82) Benzo(a)anthracene	21.24	228	62468	2.80	ng/ul	98
84) Chrysene	21.29	228	65500	3.10	ng/ul	98
87) Benzo(b)fluoranthene	22.81	252	80349	3.68	ng/ul#	93
88) Benzo(k)fluoranthene	22.81	252	22351	1.06	ng/ul#	92
90) Benzo(a)pyrene	23.38	252	55513	2.62	ng/ul#	92
91) Indeno(1,2,3-cd)pyrene	25.71	276	41902	1.67	ng/ul#	96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062415\
Data File : BM001783.D
Acq On : 24 Jun 2015 15:43
Operator : TP/IZ
Sample : G2740-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0FA2MSD

Quant Time: Jun 25 02:02:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 25 02:00:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	26.40	276	22158	1.05	ng/ul#	80

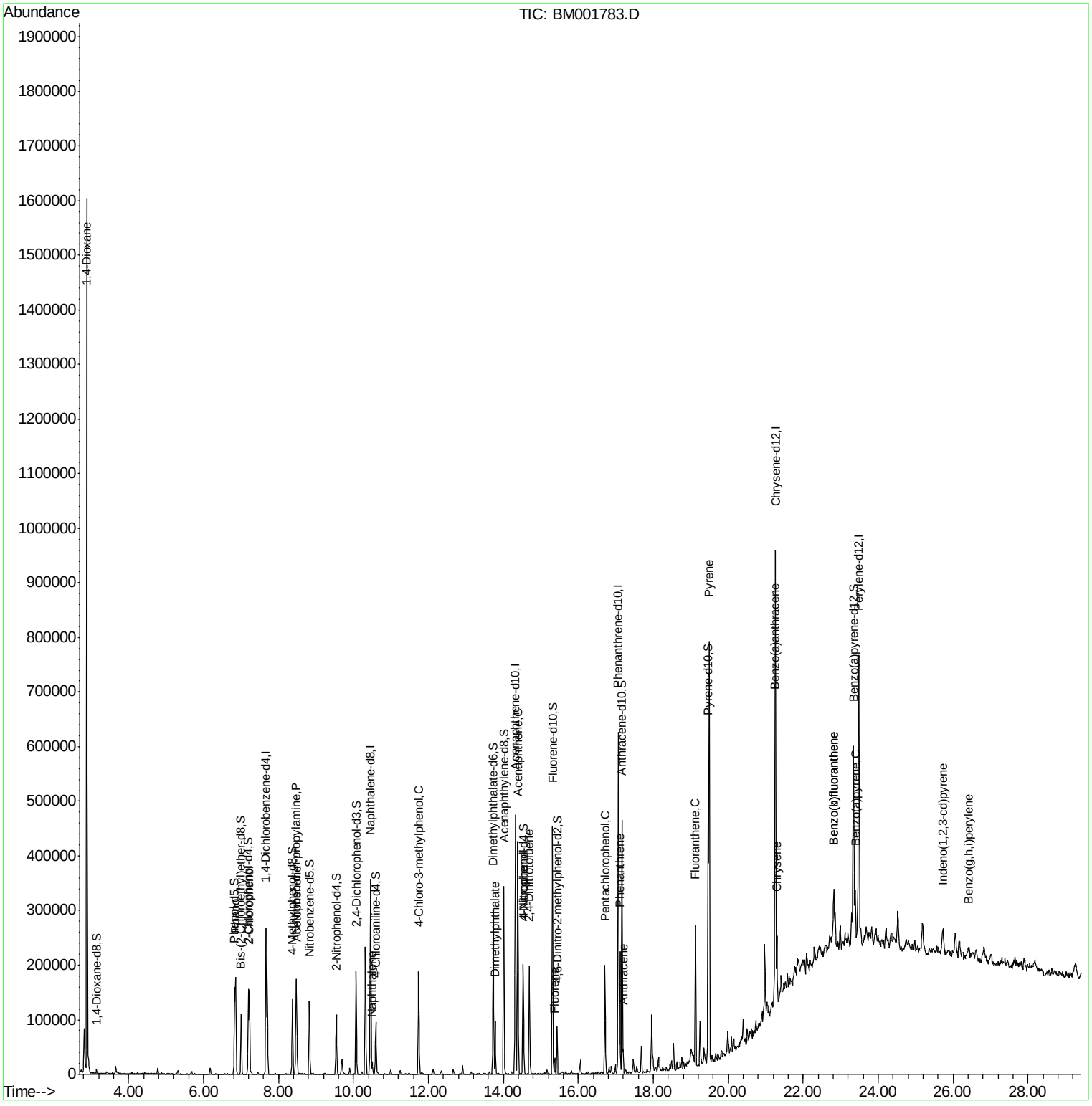
(#) = qualifier out of range (m) = manual integration (+) = signals summed

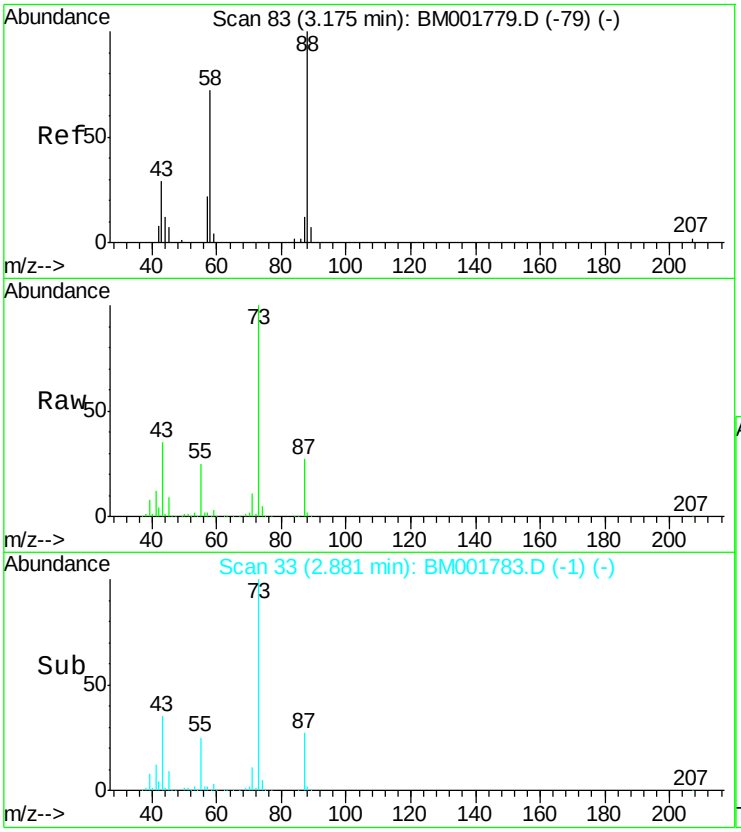
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062415\
Data File : BM001783.D
Acq On : 24 Jun 2015 15:43
Operator : TP/IZ
Sample : G2740-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Quant Time: Jun 25 02:02:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 25 02:00:48 2015
Response via : Initial Calibration



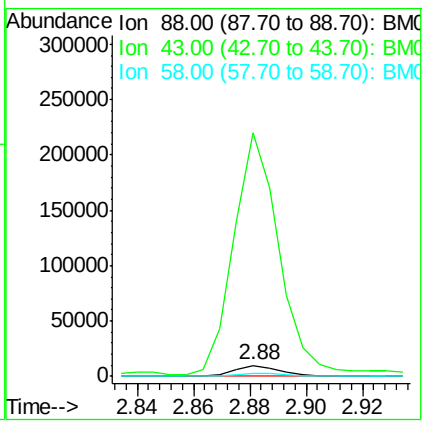


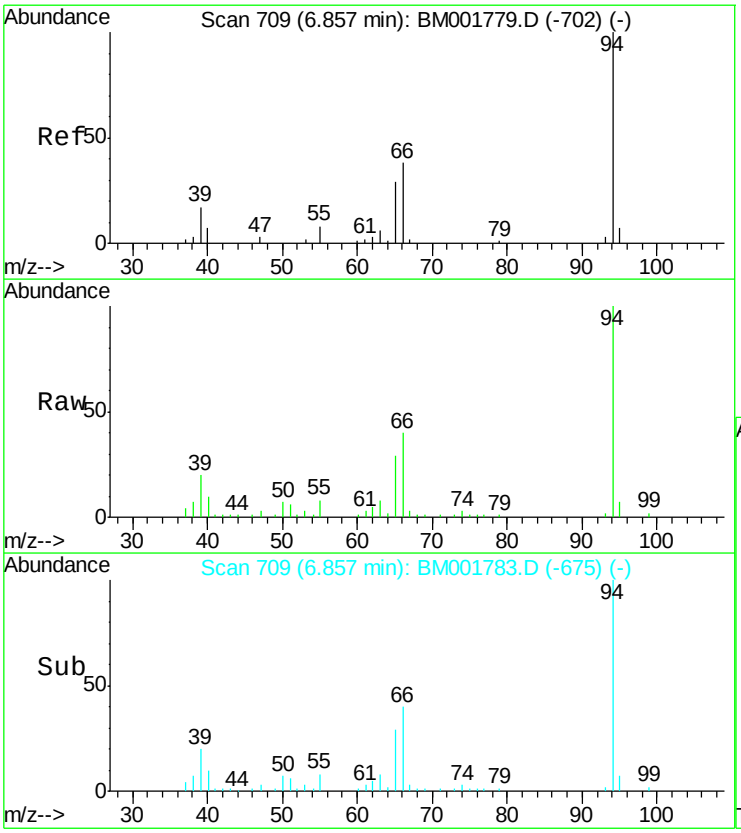
#2
1,4-Dioxane
Concen: 6.33 ng/uL
RT: 2.88 min Scan# 33
Delta R.T. -0.29 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion: 88 Resp: 10700

Ion	Ratio	Lower	Upper
88	100		
43	2310.0	24.2	36.4#
58	30.0	56.2	84.2#

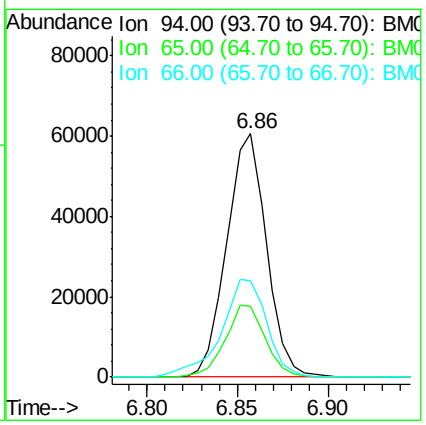


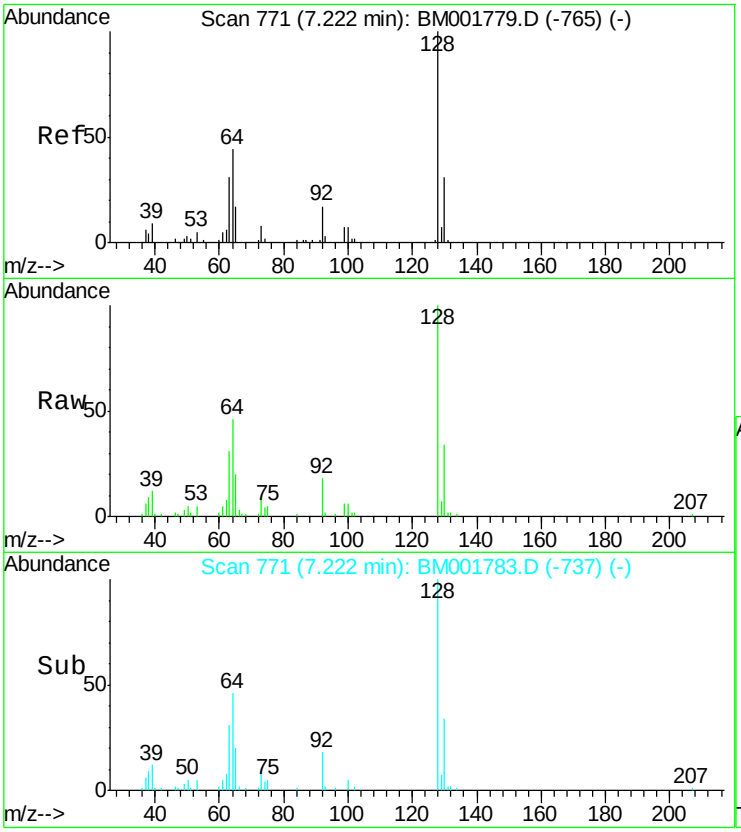


#6
Phenol
Concen: 16.51 ng/ul
RT: 6.86 min Scan# 709
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion: 94 Resp: 92375

Ion	Ratio	Lower	Upper
94	100		
65	29.3	26.1	39.1
66	39.7	35.9	53.9



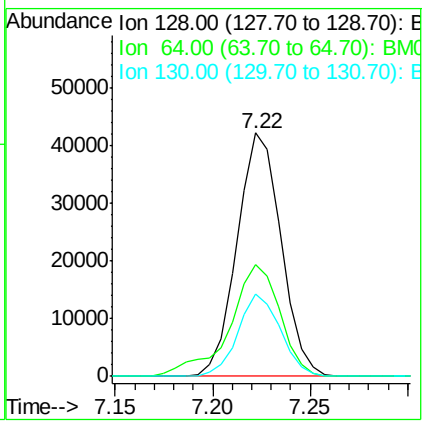


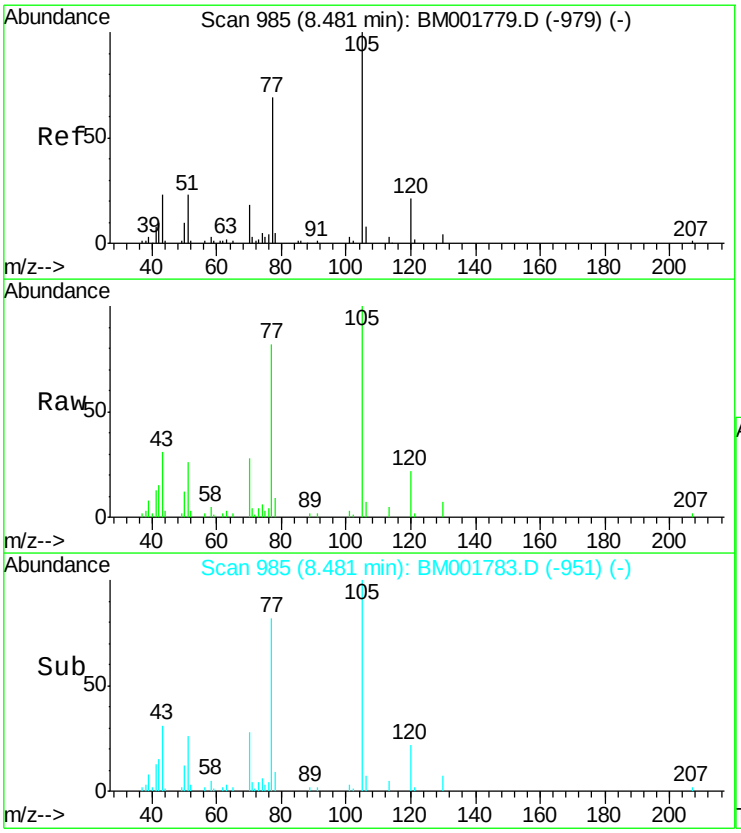
#10
2-Chlorophenol
Concen: 14.86 ng/ul
RT: 7.22 min Scan# 771
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion:128 Resp: 65940

Ion	Ratio	Lower	Upper
128	100		
64	46.1	37.4	56.2
130	33.6	25.4	38.0

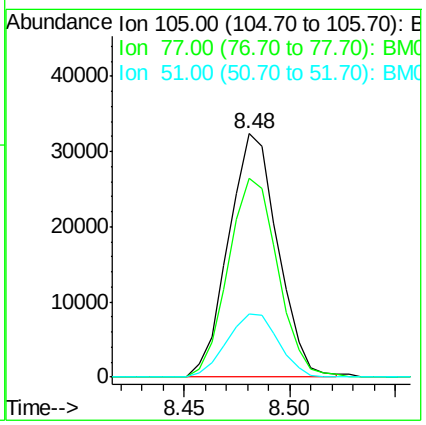


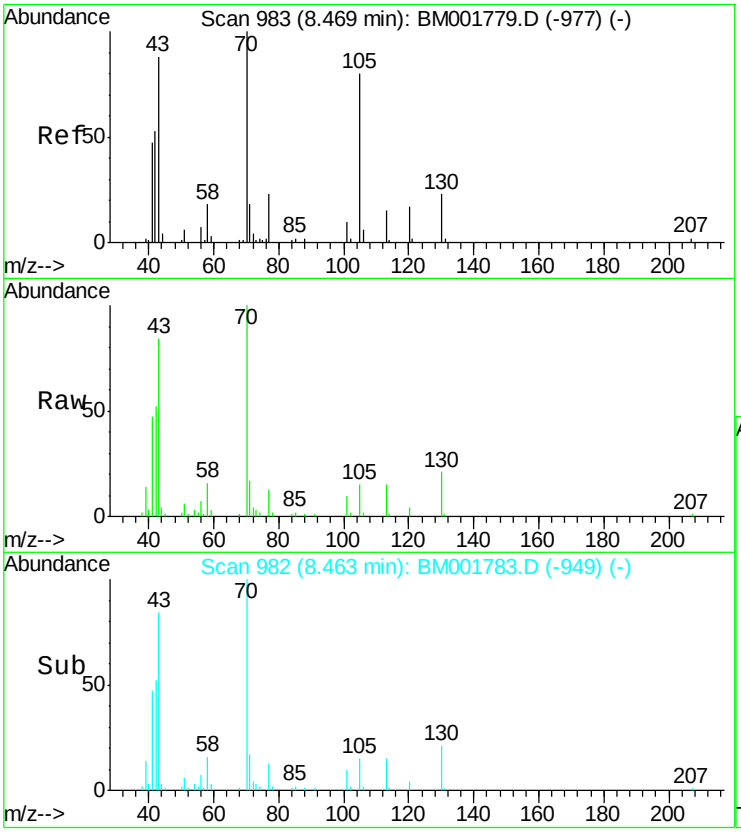


#14
Acetophenone
Concen: 7.58 ng/ul
RT: 8.48 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion:105 Resp: 52371

Ion	Ratio	Lower	Upper
105	100		
77	81.9	64.2	96.4
51	25.9	22.0	33.0



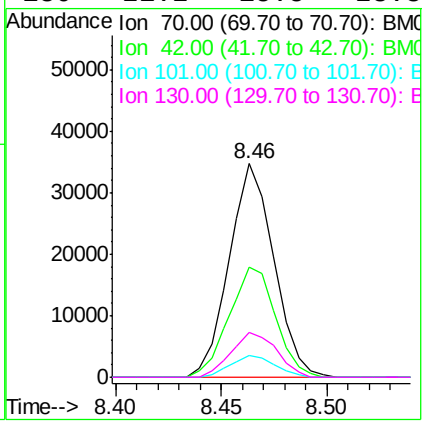


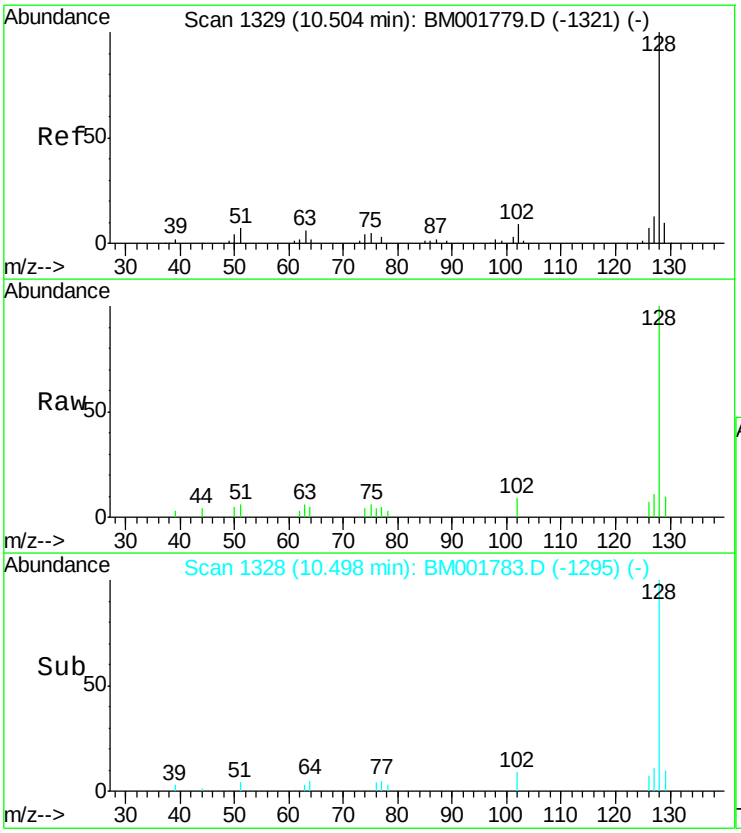
#15
N-Nitroso-di-n-propylamine
Concen: 15.05 ng/ul
RT: 8.46 min Scan# 982
Delta R.T. -0.01 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion: 70 Resp: 50777

Ion	Ratio	Lower	Upper
70	100		
42	51.8	45.2	67.8
101	10.2	7.8	11.6
130	21.2	15.5	23.3

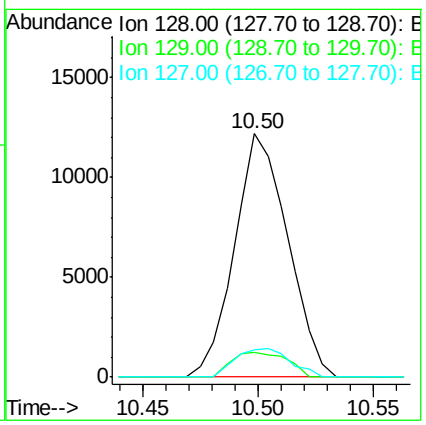


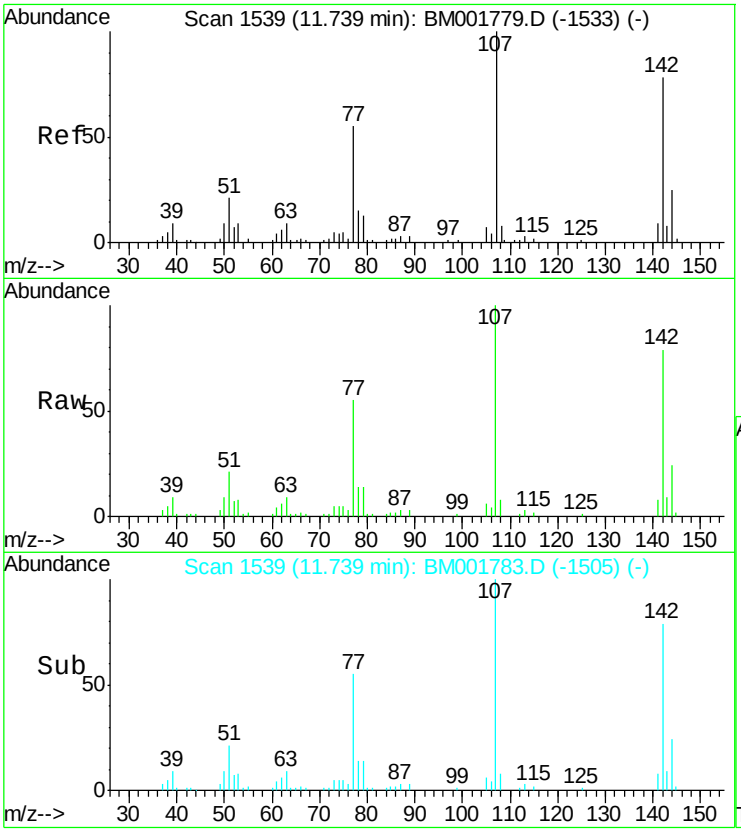


#28
Naphthalene
Concen: 1.39 ng/ul
RT: 10.50 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion:128 Resp: 19615

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.7	13.1
127	11.1	10.0	15.0



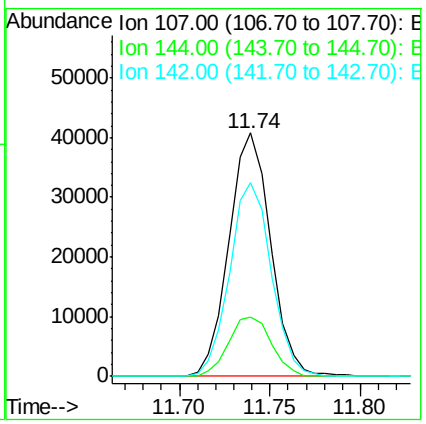


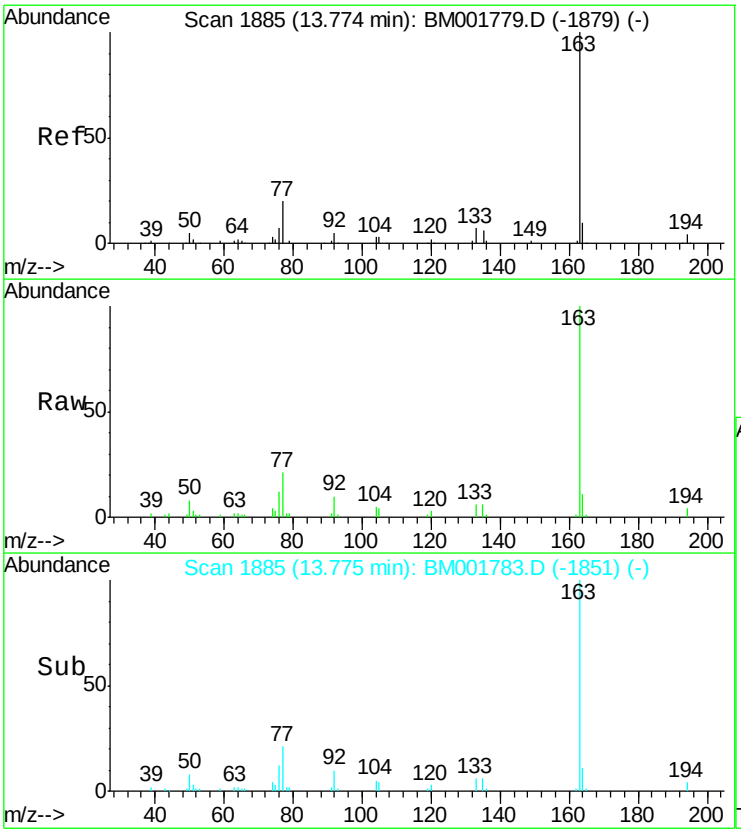
#33
4-Chloro-3-methylphenol
Concen: 13.97 ng/ul
RT: 11.74 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion:107 Resp: 65336

Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.2	30.4
142	79.3	57.7	86.5

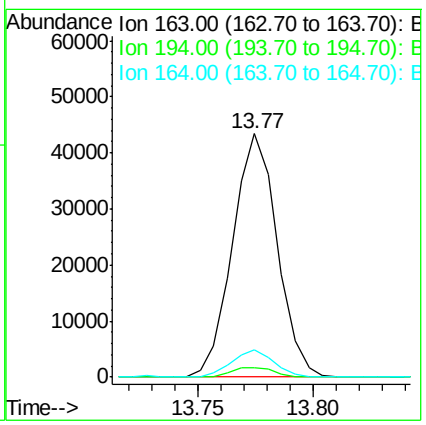


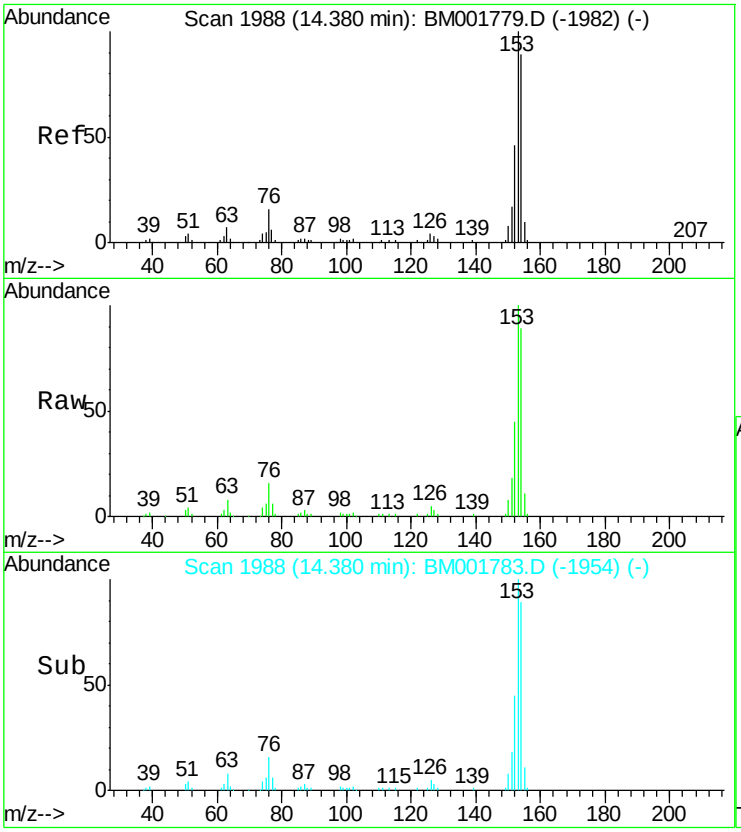


#44
Dimethylphthalate
Concen: 4.51 ng/ul
RT: 13.77 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion:163 Resp: 58513

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	11.5	8.0	12.0



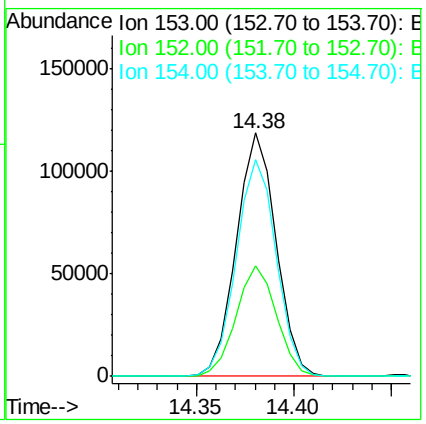


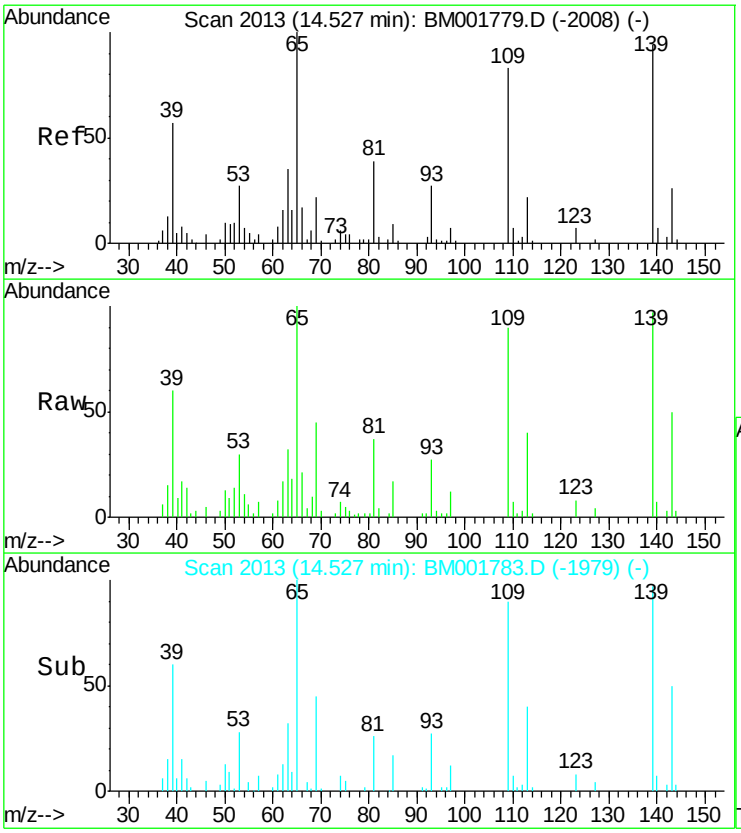
#49
Acenaphthene
Concen: 15.81 ng/ul
RT: 14.38 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion:153 Resp: 167828

Ion	Ratio	Lower	Upper
153	100		
152	45.3	36.6	55.0
154	89.1	72.6	108.8

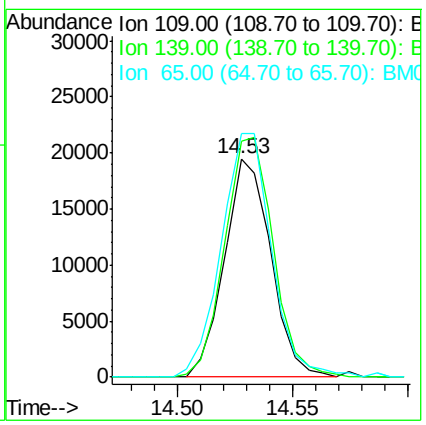


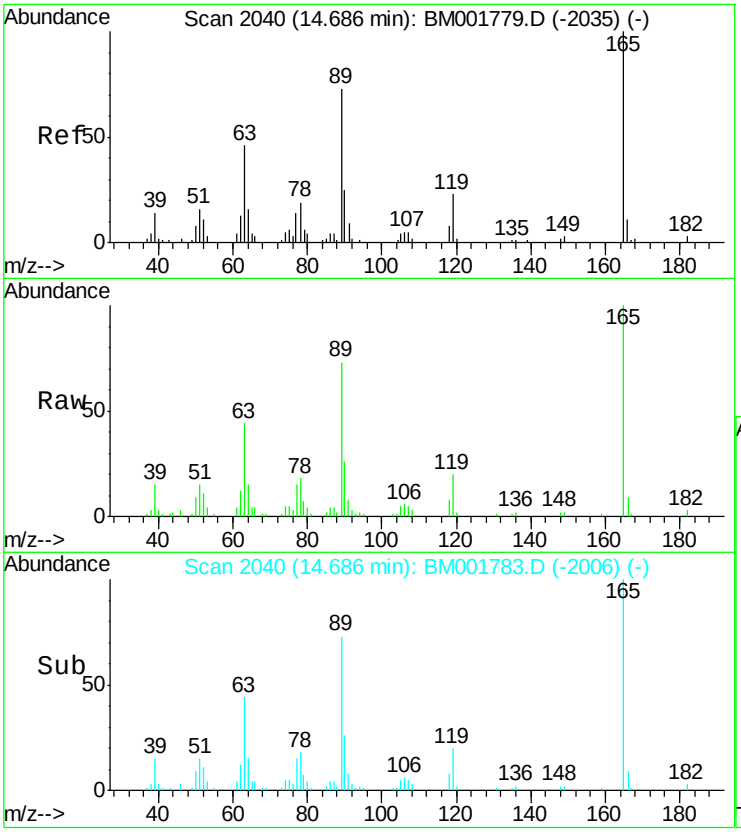


#52
4-Nitrophenol
Concen: 12.04 ng/ul
RT: 14.53 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion:109 Resp: 27271

Ion	Ratio	Lower	Upper
109	100		
139	107.9	81.7	122.5
65	111.3	94.3	141.5



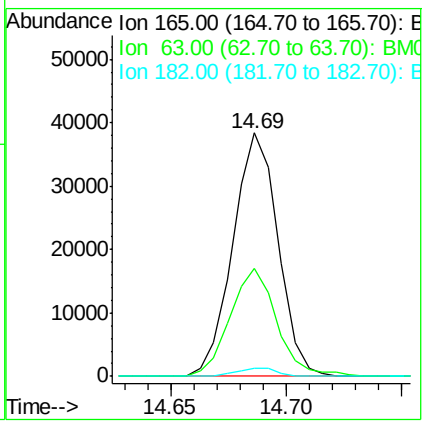


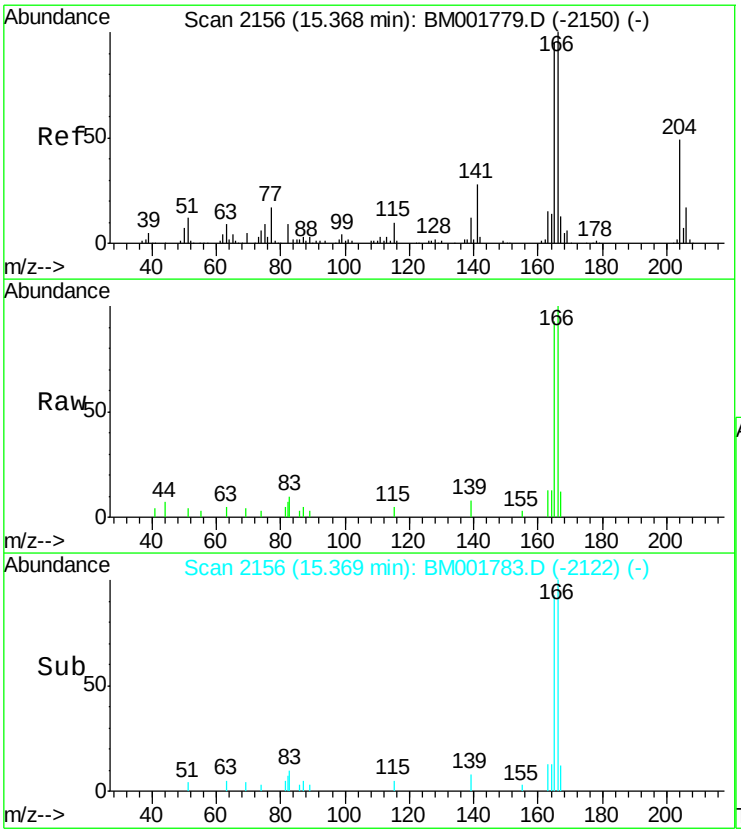
#54
2,4-Dinitrotoluene
Concen: 14.56 ng/ul
RT: 14.69 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion:165 Resp: 52400

Ion	Ratio	Lower	Upper
165	100		
63	44.3	35.4	53.2
182	3.1	2.1	3.1

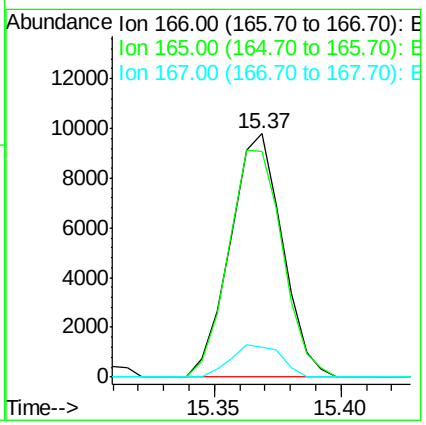


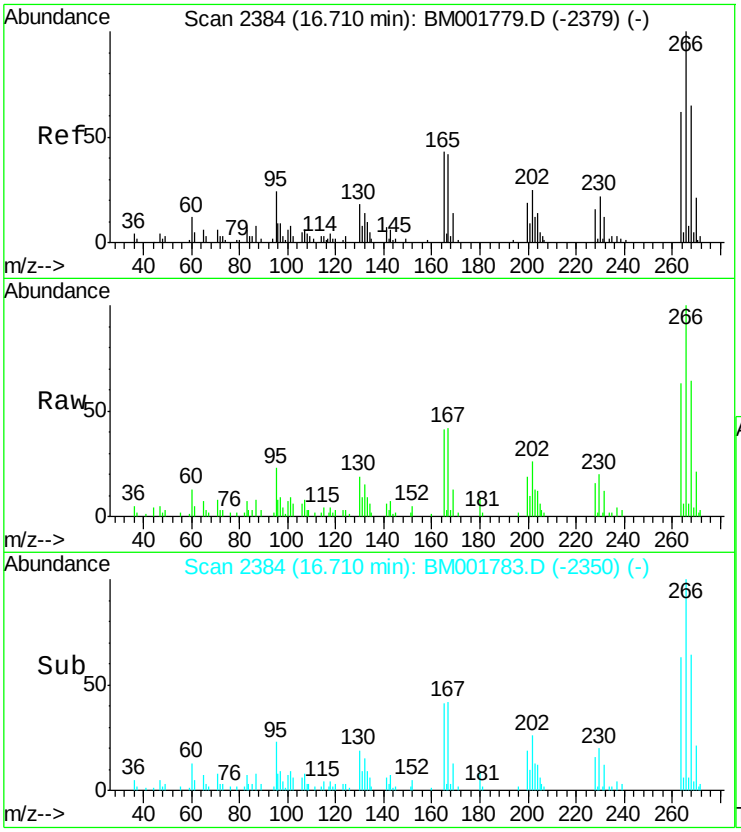


#58
Fluorene
Concen: 1.10 ng/ul
RT: 15.37 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion:166 Resp: 13940

Ion	Ratio	Lower	Upper
166	100		
165	92.6	77.4	116.2
167	12.5	11.3	16.9



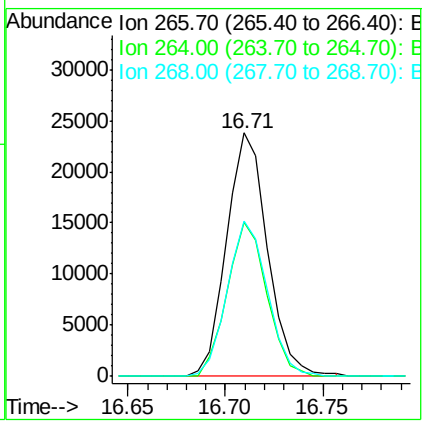


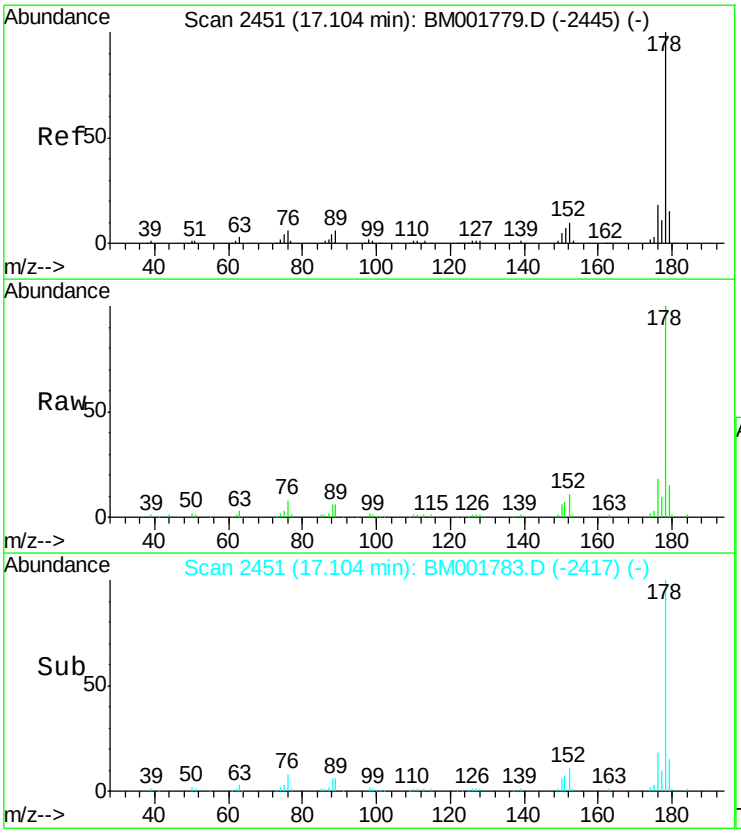
#68
Pentachlorophenol
Concen: 12.92 ng/ul
RT: 16.71 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion:266 Resp: 34652

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.8	76.2
268	63.8	52.0	78.0

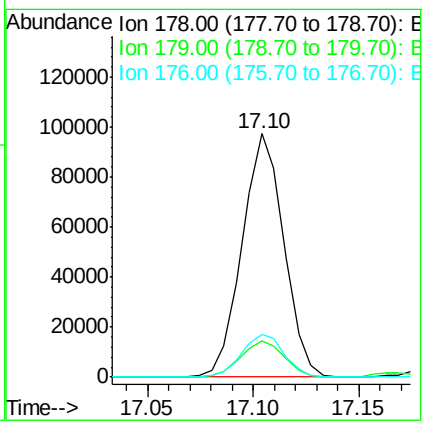


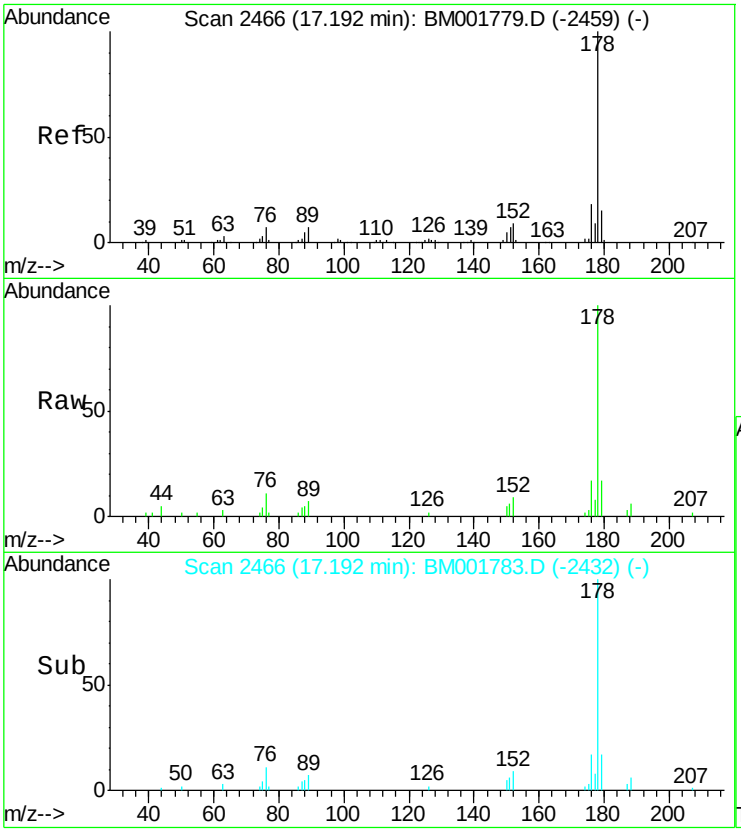


#69
Phenanthrene
Concen: 7.04 ng/ul
RT: 17.10 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion:178 Resp: 133262

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.9	17.9
176	17.8	15.2	22.8



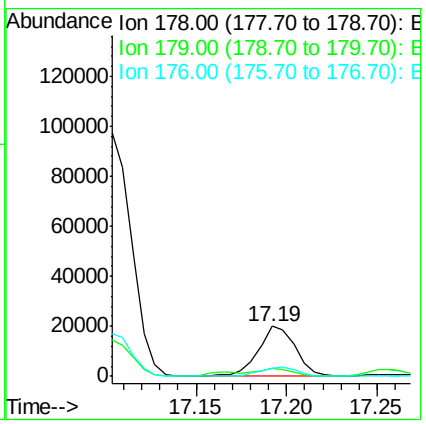


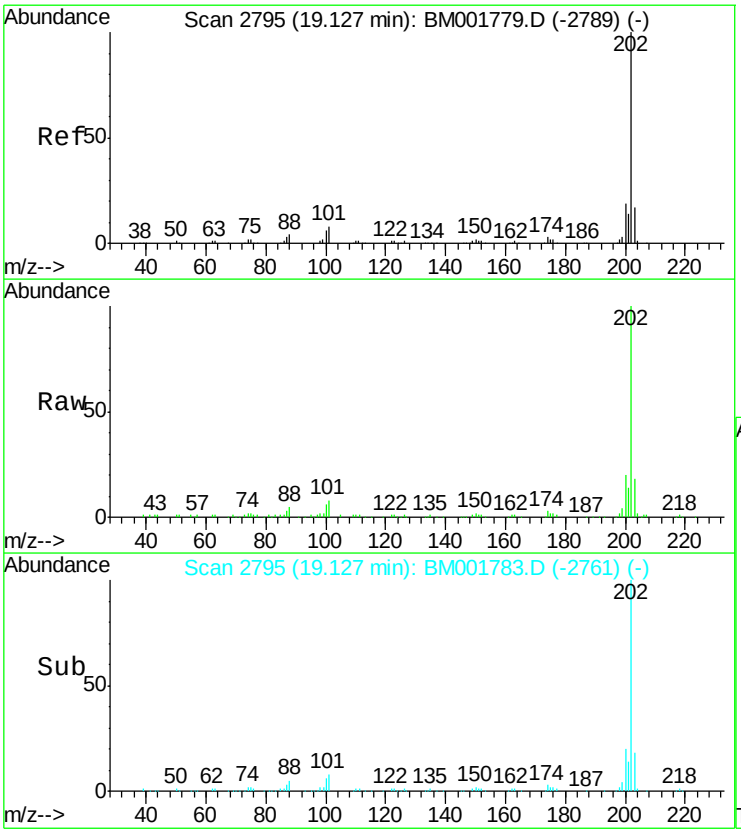
#71
Anthracene
Concen: 1.49 ng/ul
RT: 17.19 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion:178 Resp: 28904

Ion	Ratio	Lower	Upper
178	100		
179	17.0	11.8	17.8
176	17.1	14.4	21.6

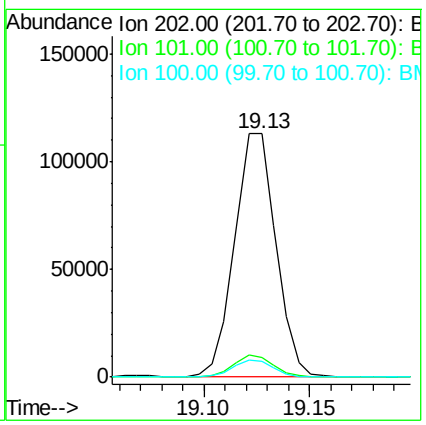


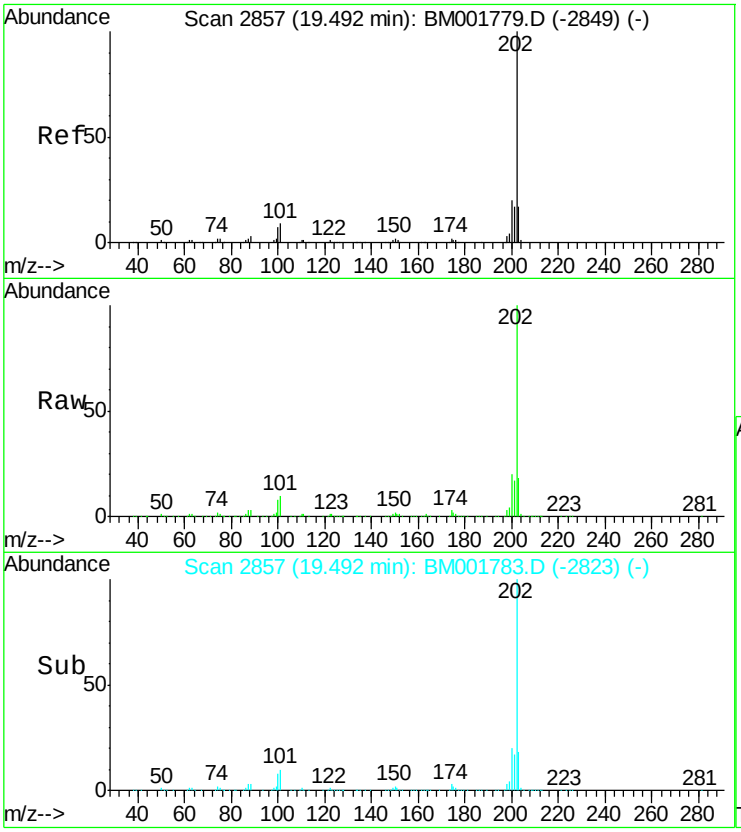


#76
Fluoranthene
Concen: 6.79 ng/ul
RT: 19.13 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion:202 Resp: 153810

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.1	9.1
100	6.3	4.8	7.2



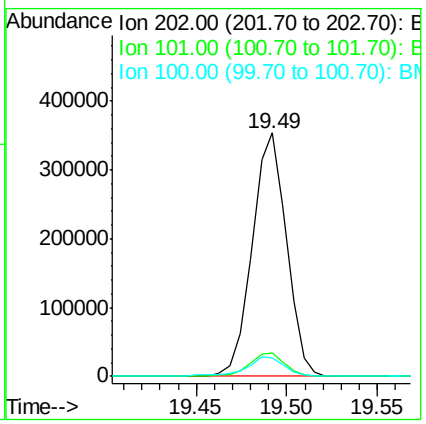


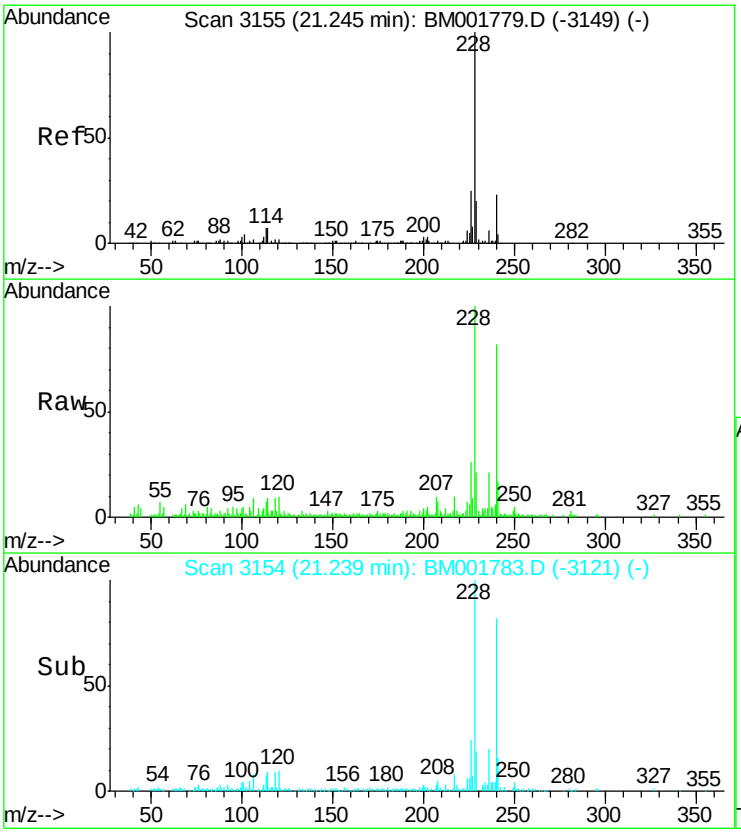
#79
Pyrene
Concen: 21.92 ng/ul
RT: 19.49 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion:202 Resp: 464158

Ion	Ratio	Lower	Upper
202	100		
101	9.8	6.9	10.3
100	7.8	6.2	9.2

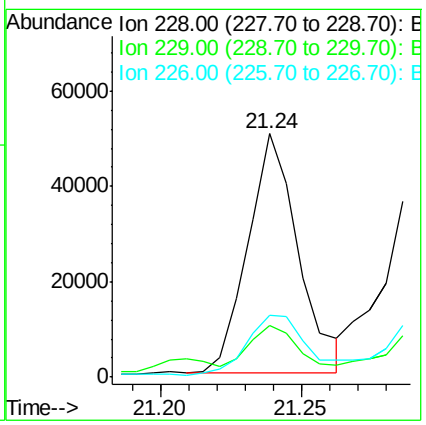


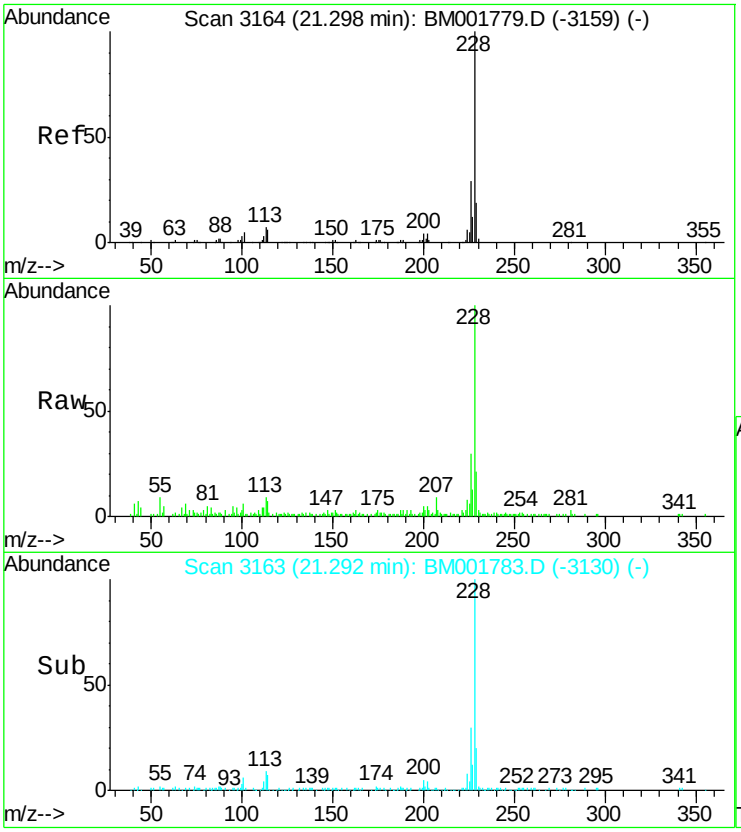


#82
Benzo(a)anthracene
Concen: 2.80 ng/ul
RT: 21.24 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion:228 Resp: 62468

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.0
226	25.6	20.6	30.8



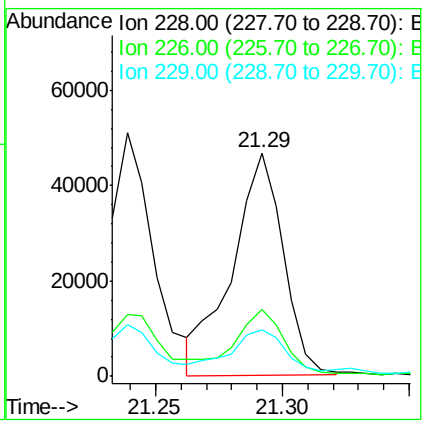


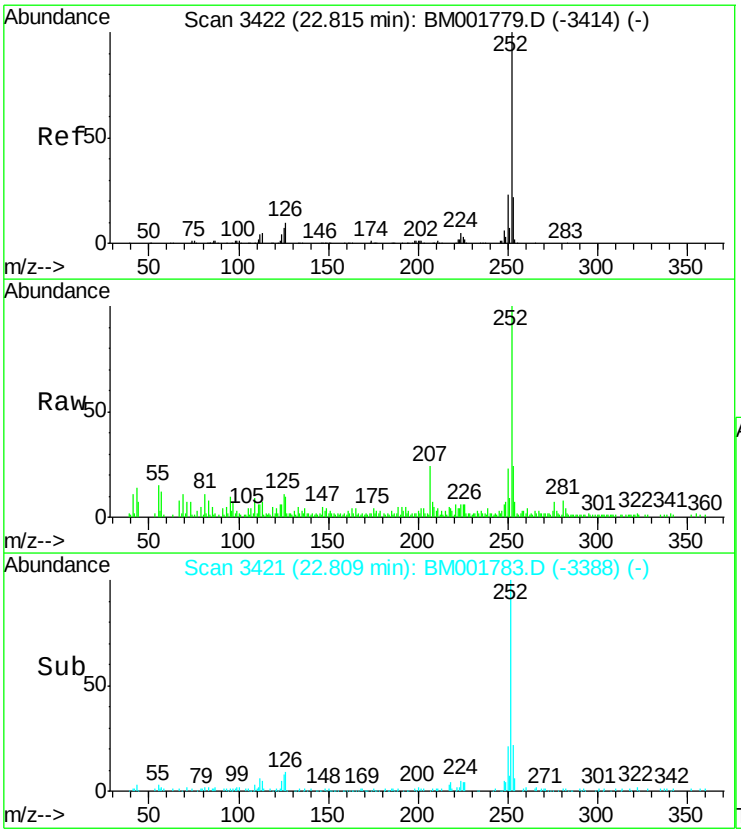
#84
Chrysene
Concen: 3.10 ng/ul
RT: 21.29 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion:228 Resp: 65500

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.4
229	20.7	15.4	23.2

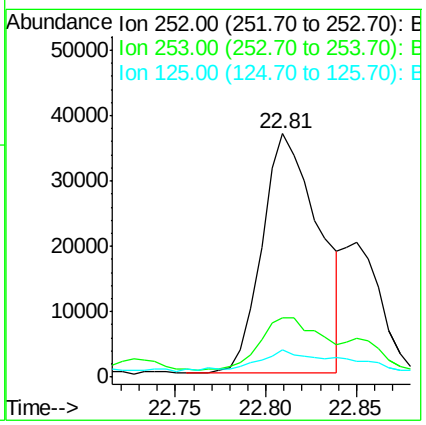


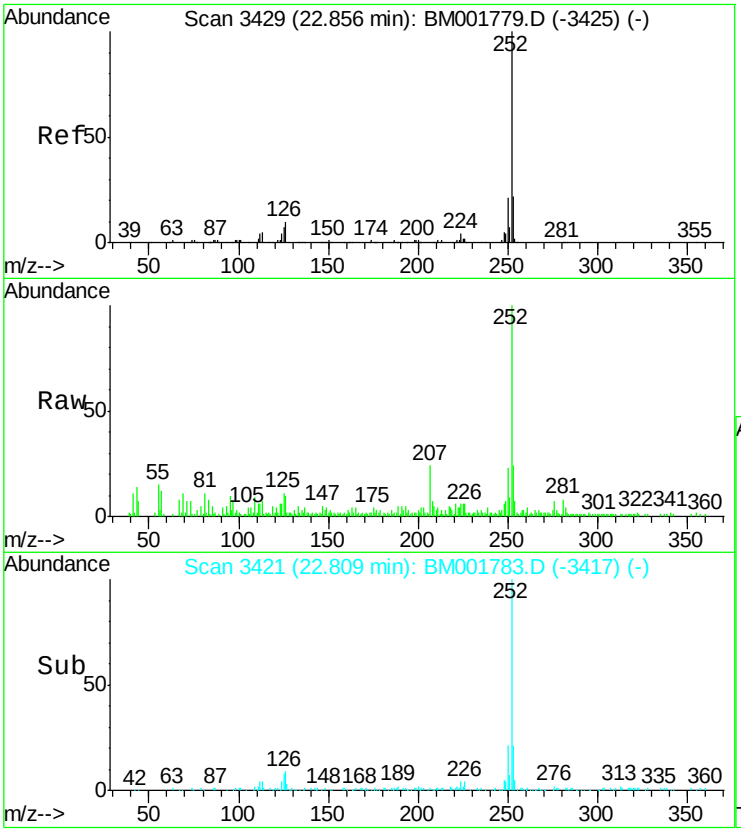


#87
Benzo(b)fluoranthene
Concen: 3.68 ng/ul
RT: 22.81 min Scan# 3421
Delta R.T. -0.01 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion:252 Resp: 80349

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	11.3	5.3	7.9#



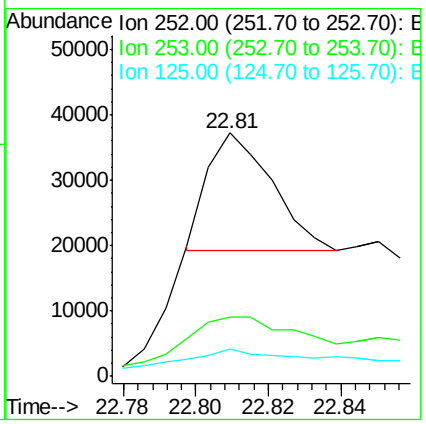


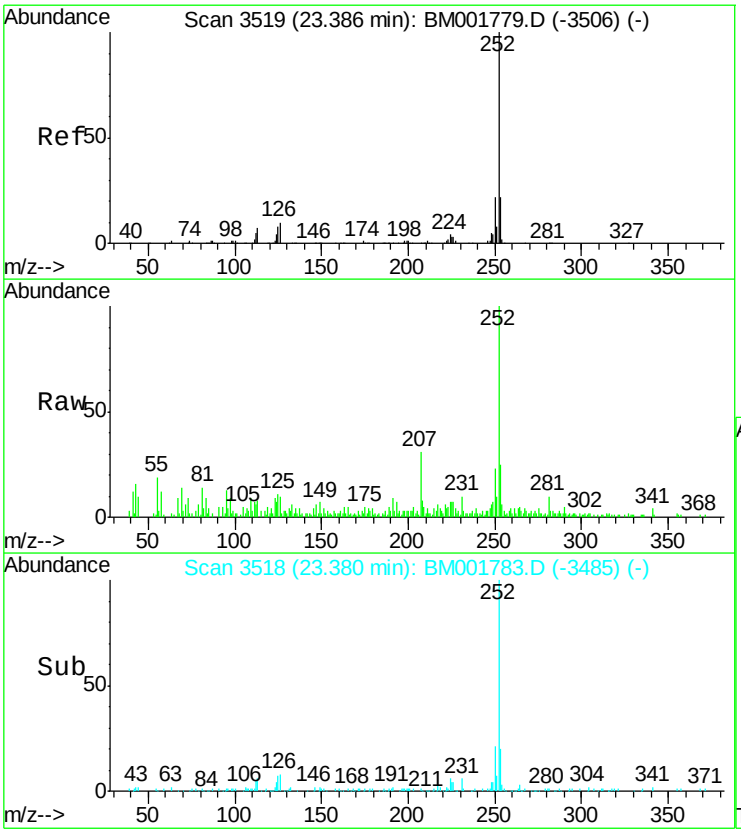
#88
Benzo(k)fluoranthene
Concen: 1.06 ng/ul
RT: 22.81 min Scan# 3421
Delta R.T. -0.05 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion:252 Resp: 22351

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	11.3	5.3	7.9#

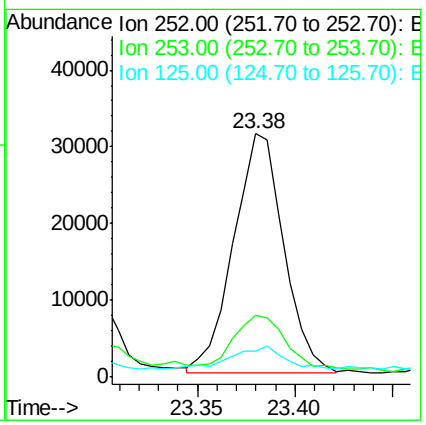


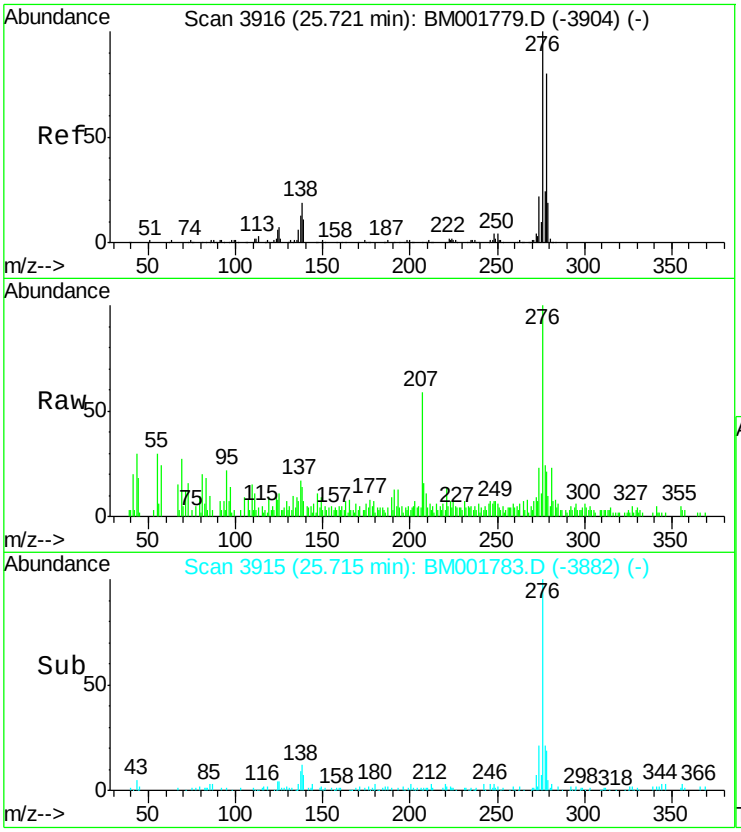


#90
Benzo(a)pyrene
Concen: 2.62 ng/ul
RT: 23.38 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion:252 Resp: 55513

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.0
125	10.9	6.0	9.0#



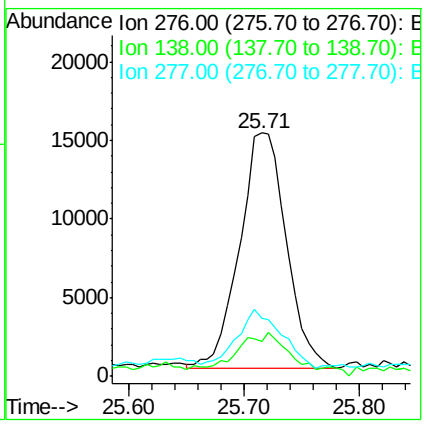


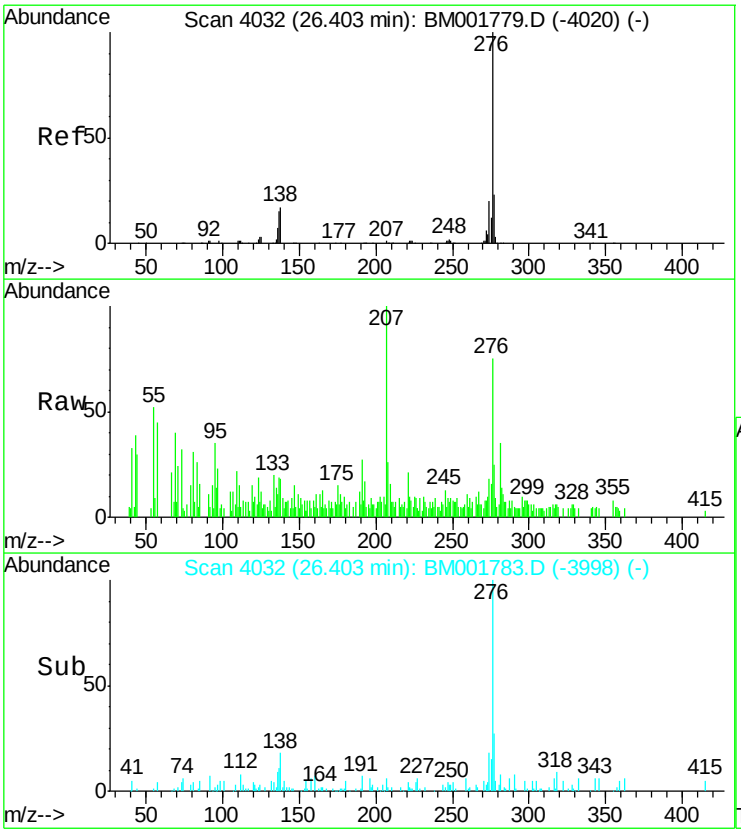
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.67 ng/ul
RT: 25.71 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion:276 Resp: 41902

Ion	Ratio	Lower	Upper
276	100		
138	14.5	14.7	22.1#
277	24.1	19.7	29.5





#93
Benzo(g,h,i)perylene
Concen: 1.05 ng/ul
RT: 26.40 min Scan# 4032
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion:276 Resp: 22158

Ion	Ratio	Lower	Upper
276	100		
138	23.9	12.6	19.0#
277	33.3	18.7	28.1#