Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062215\
Data File : BM001774.D
Acq On : 22 Jun 2015 14:33
Operator : TP/IZ
Sample : PB84048BL
Misc : 4 TIME INT STD
ALS Vial : 6 Sample Multiplier: 4

Instrument : BNA_M
ClientSampleId : PB84048BL

Quant Time: Jun 23 04:21:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 05:05:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	62382	5.00	ng	0.00
6) Naphthalene-d8	10.44	136	223077	5.00	ng	-0.02
12) Acenaphthene-d10	14.32	164	101505	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	234662	5.00	ng	0.00
25) Chrysene-d12	21.25	240	132170	5.00	ng	0.00
32) Perylene-d12	23.47	264	127462	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	509658	139.80	ng	0.00
5) Phenol-d6	6.83	99	652151	138.95	ng	0.00
7) Nitrobenzene-d5	8.83	82	395661	90.92	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	110707	139.70	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	705305	77.77	ng	0.00
27) Terphenyl-d14	19.70	244	394407	81.00	ng	0.00
Target Compounds						Qvalue
8) Nitrobenzene	8.83	77	1317	0.28	ng	# 40
16) Acenaphthene	14.31	154	434	0.06	ng	# 10
28) Benzo(a)anthracene	21.25	228	494	0.05	ng	# 76
29) Chrysene	21.25	228	496	0.05	ng	# 70

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

Quantitation Report (Not Reviewed)

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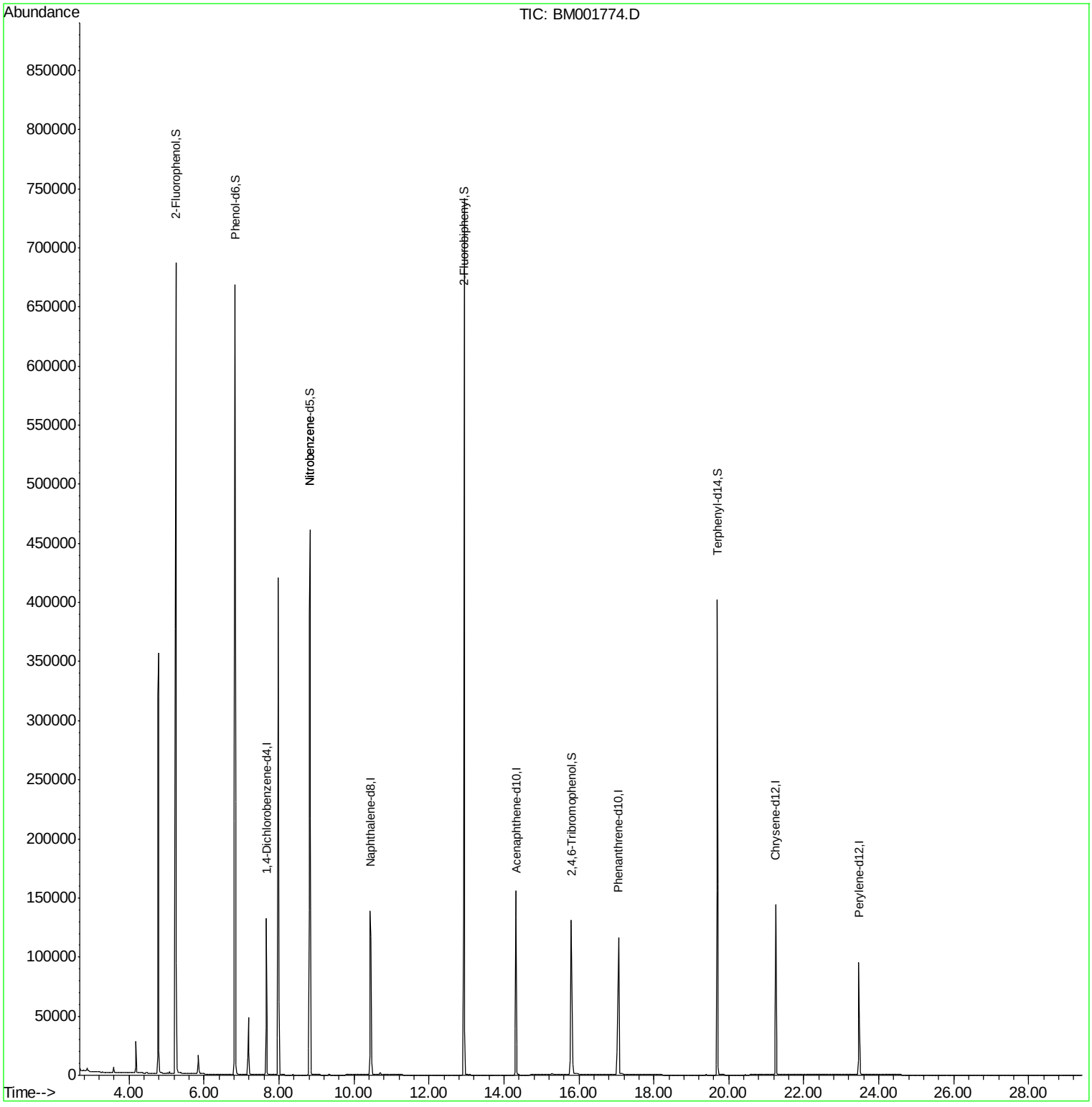
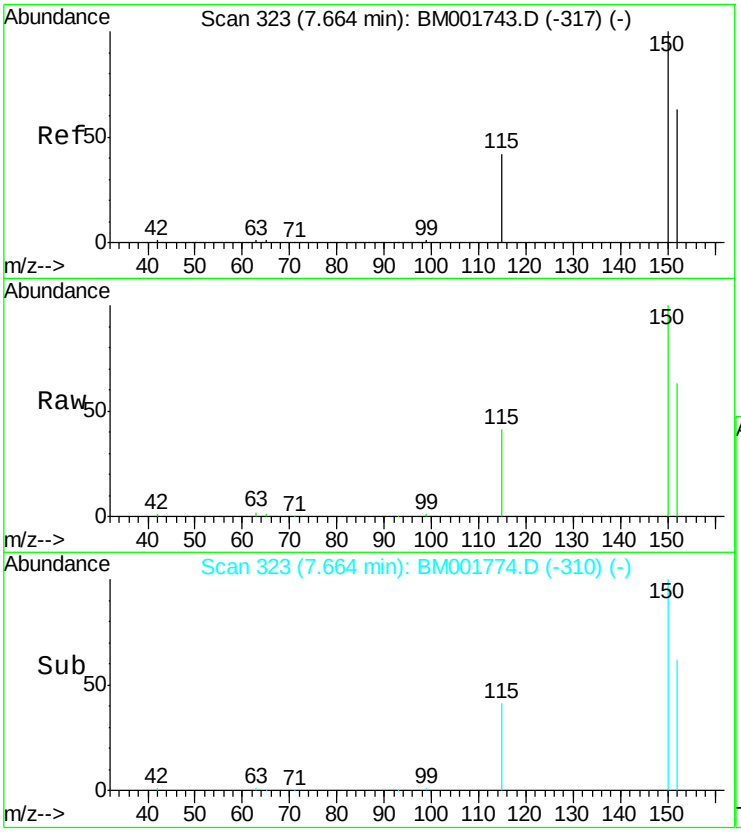


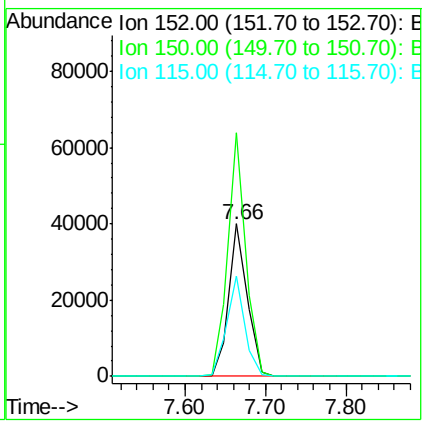


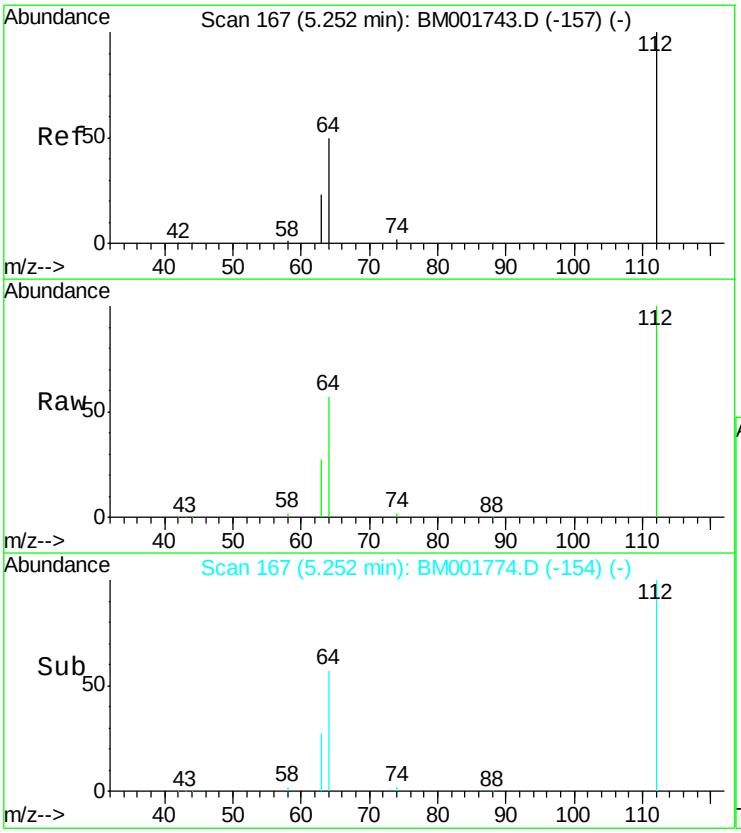
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. -0.00 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Instrument :
BNA_M
ClientSampleId :
PB84048BL

Tgt Ion:152 Resp: 62382

Ion	Ratio	Lower	Upper
152	100		
150	159.9	127.5	191.3
115	65.9	53.2	79.8

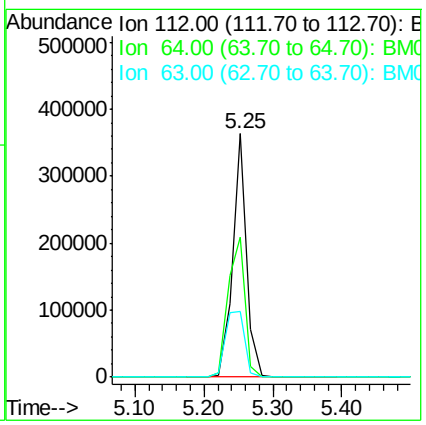


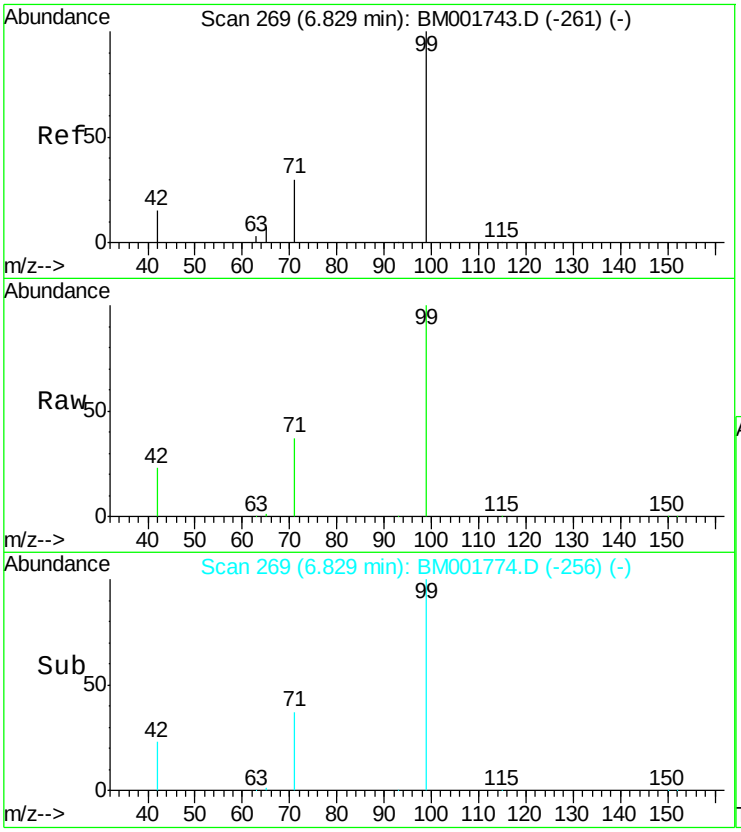


#4
2-Fluorophenol
Concen: 139.80 ng
RT: 5.25 min Scan# 167
Delta R.T. -0.00 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Tgt Ion:112 Resp: 509658

Ion	Ratio	Lower	Upper
112	100		
64	70.1	55.6	83.4
63	37.5	30.2	45.2



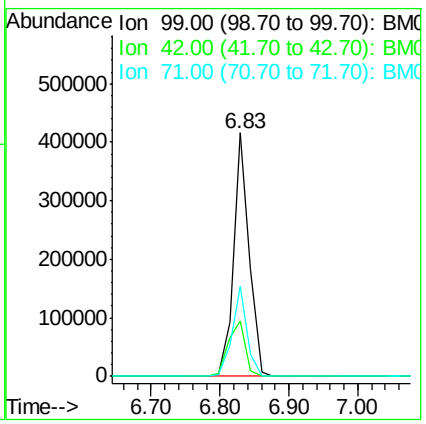


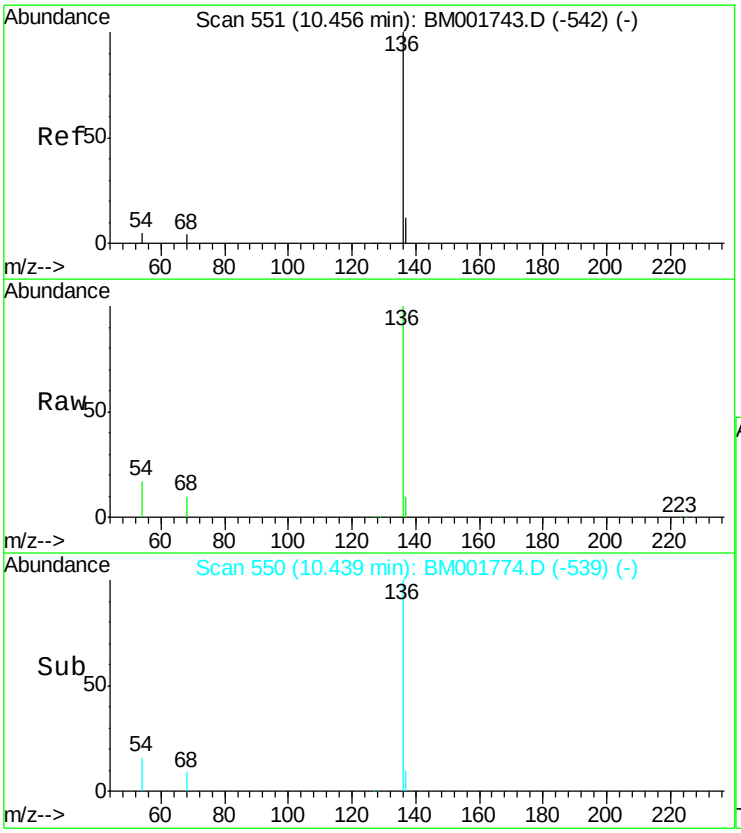
#5
Phenol-d6
Concen: 138.95 ng
RT: 6.83 min Scan# 269
Delta R.T. -0.00 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Instrument :
BNA_M
ClientSampleId :
PB84048BL

Tgt Ion: 99 Resp: 652151

Ion	Ratio	Lower	Upper
99	100		
42	25.0	21.4	32.0
71	35.4	28.3	42.5

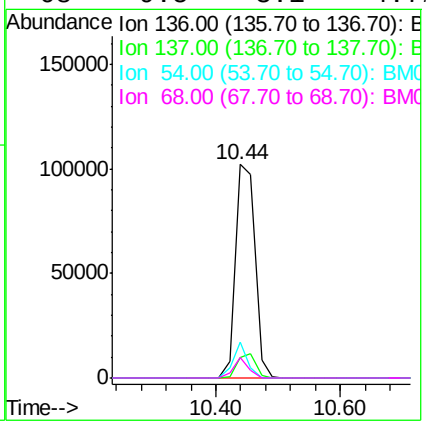


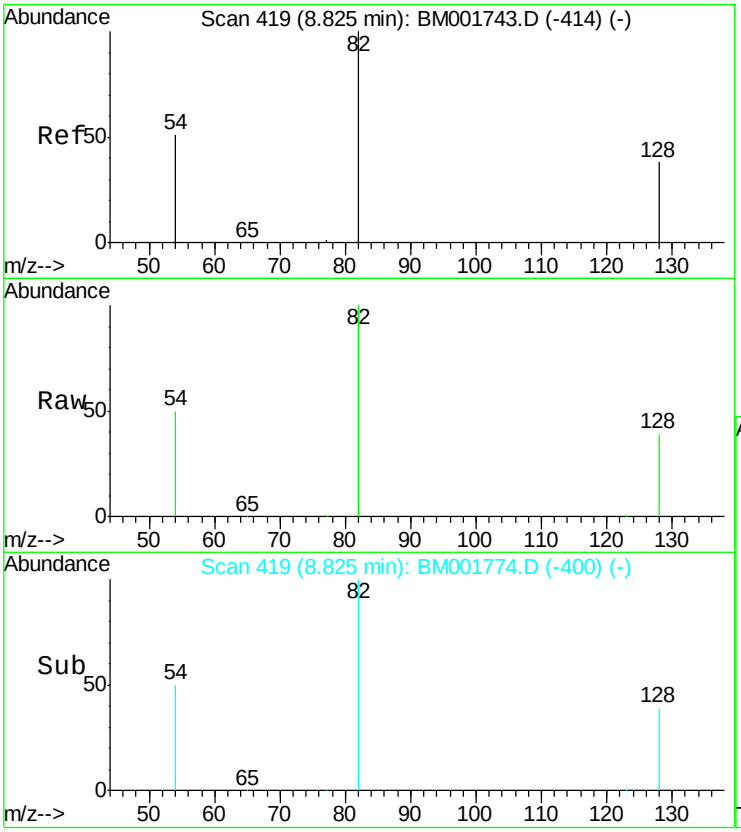


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.02 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Tgt Ion:136 Resp: 223077

Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.4	14.0
54	16.5	4.4	6.6#
68	9.5	3.1	4.7#



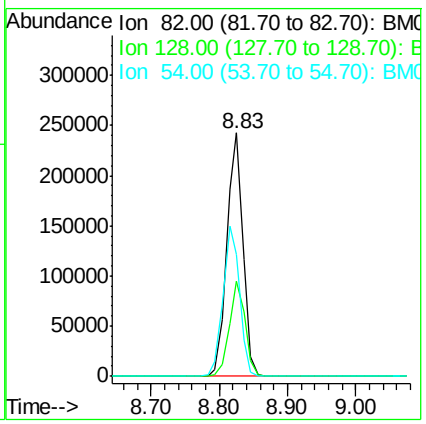


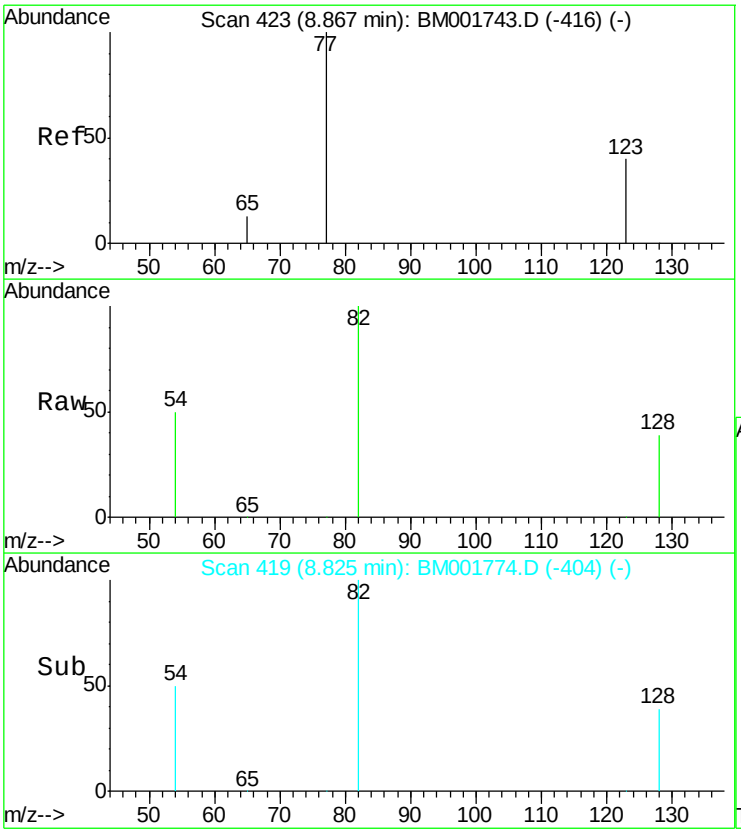
#7
Nitrobenzene-d5
Concen: 90.92 ng
RT: 8.83 min Scan# 419
Delta R.T. -0.00 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Instrument :
BNA_M
ClientSampleId :
PB84048BL

Tgt Ion: 82 Resp: 395661

Ion	Ratio	Lower	Upper
82	100		
128	39.3	31.3	46.9
54	50.3	41.9	62.9

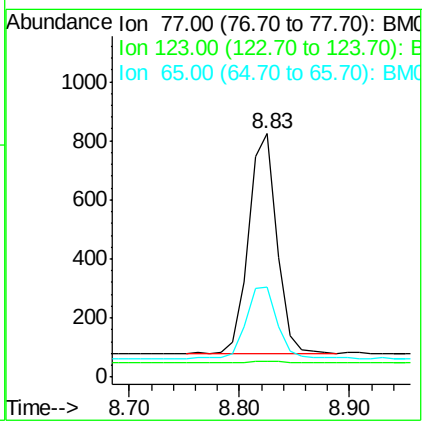


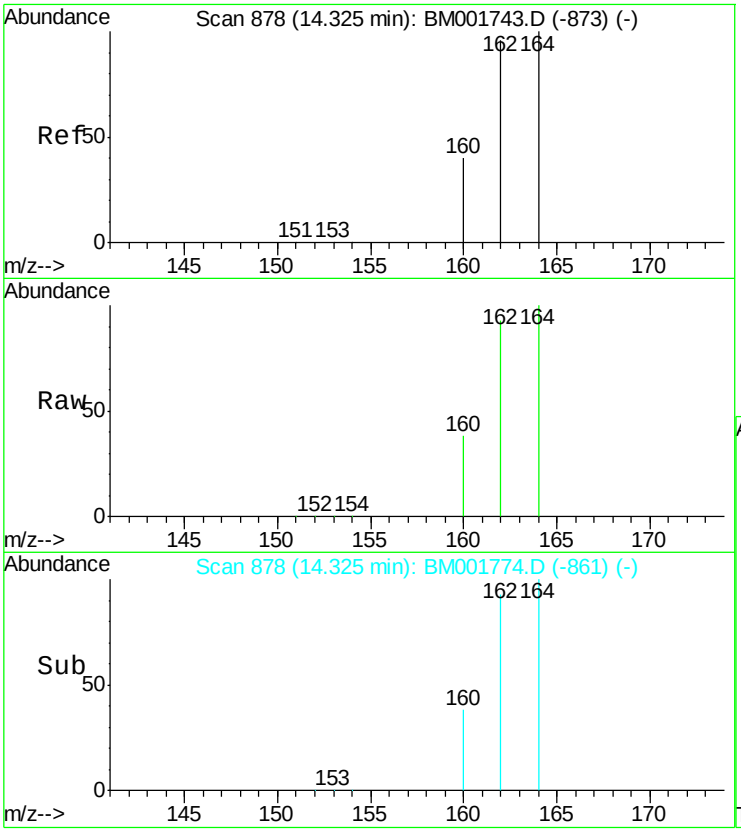


#8
Nitrobenzene
Concen: 0.28 ng
RT: 8.83 min Scan# 419
Delta R.T. -0.04 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Tgt Ion: 77 Resp: 1317

Ion	Ratio	Lower	Upper
77	100		
123	1.3	30.1	45.1#
65	38.1	11.3	16.9#



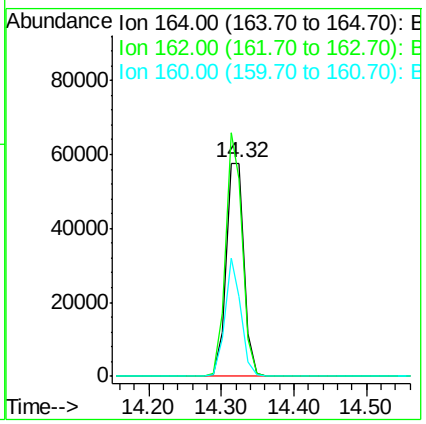


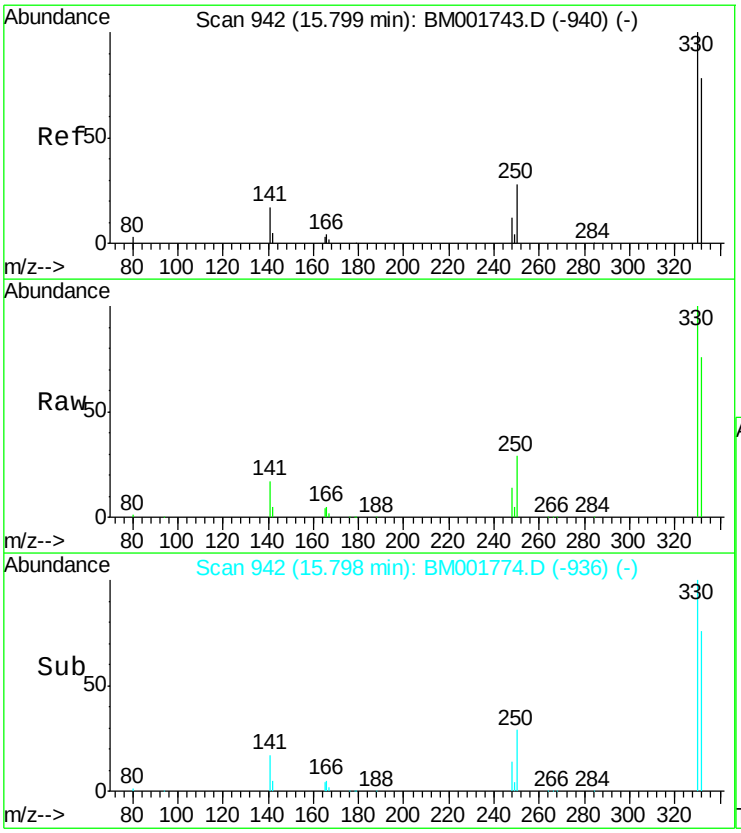
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 878
Delta R.T. -0.00 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Instrument :
BNA_M
ClientSampleId :
PB84048BL

Tgt Ion:164 Resp: 101505

Ion	Ratio	Lower	Upper
164	100		
162	92.8	76.6	114.8
160	37.6	31.8	47.8

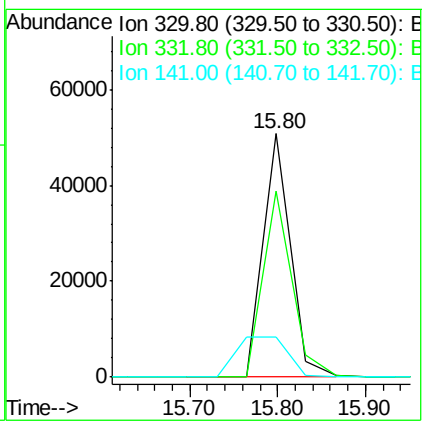


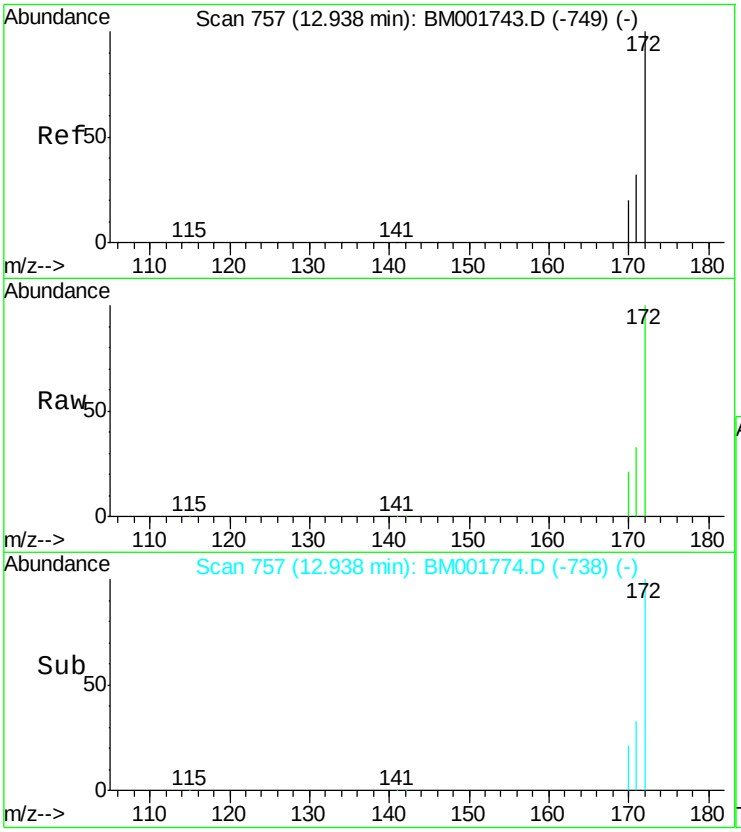


#13
2,4,6-Tribromophenol
Concen: 139.70 ng
RT: 15.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Tgt Ion:330 Resp: 110707

Ion	Ratio	Lower	Upper
330	100		
332	80.4	65.8	98.8
141	31.5	0.0	0.0#



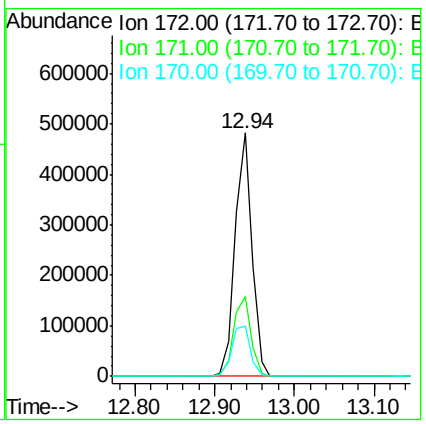


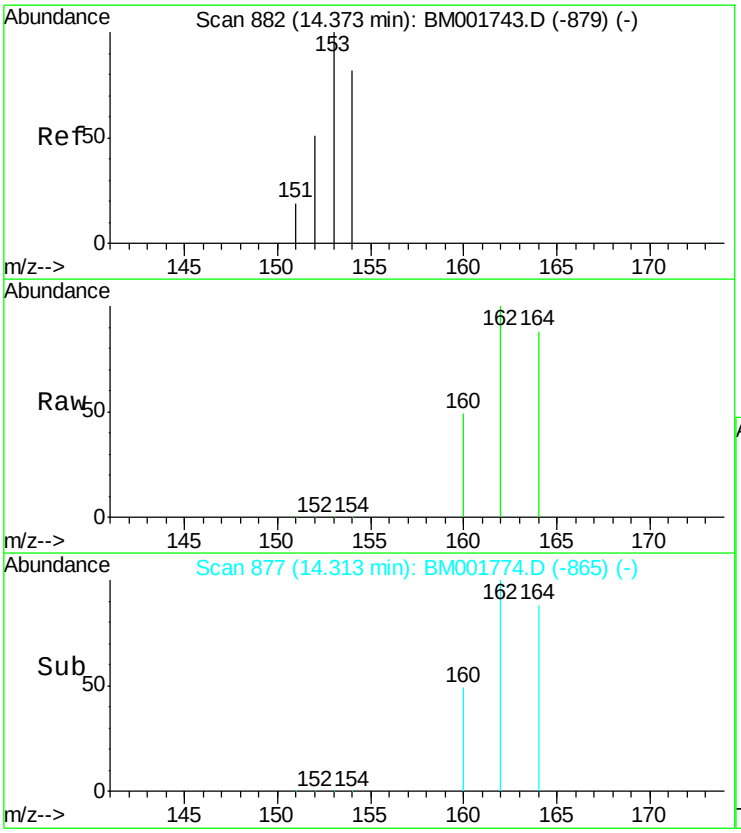
#14
2-Fluorobiphenyl
Concen: 77.77 ng
RT: 12.94 min Scan# 757
Delta R.T. -0.00 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Instrument :
BNA_M
ClientSampleId :
PB84048BL

Tgt Ion:172 Resp: 705305

Ion	Ratio	Lower	Upper
172	100		
171	32.8	26.2	39.2
170	20.6	16.6	24.8

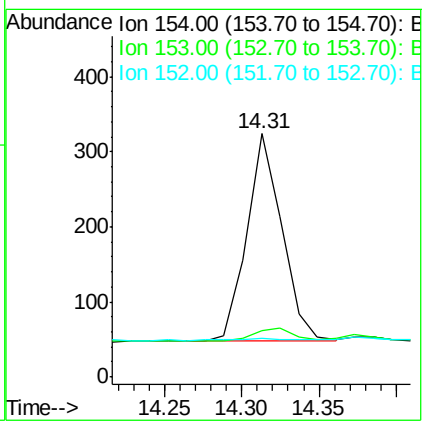


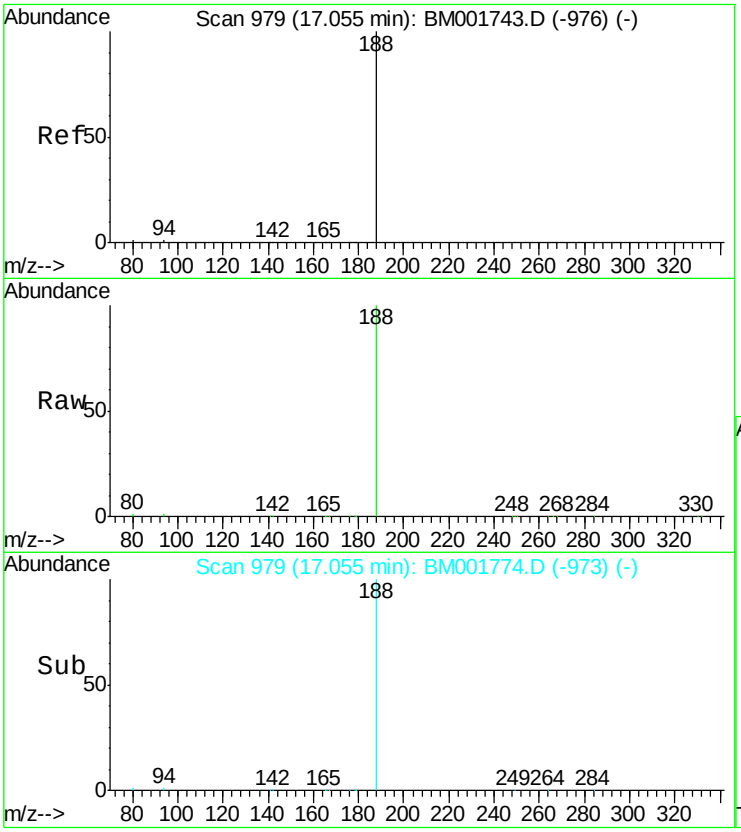


#16
Acenaphthene
Concen: 0.06 ng
RT: 14.31 min Scan# 877
Delta R.T. -0.06 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Tgt Ion:154 Resp: 434

Ion	Ratio	Lower	Upper
154	100		
153	6.9	90.0	135.0#
152	1.8	44.2	66.4#



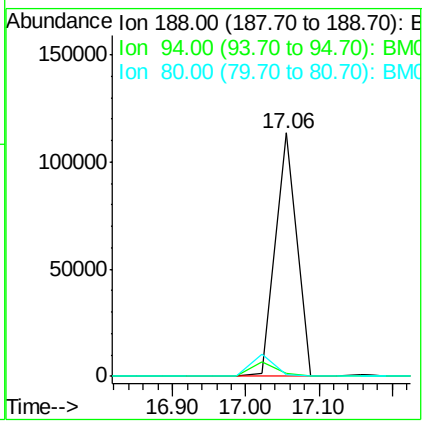


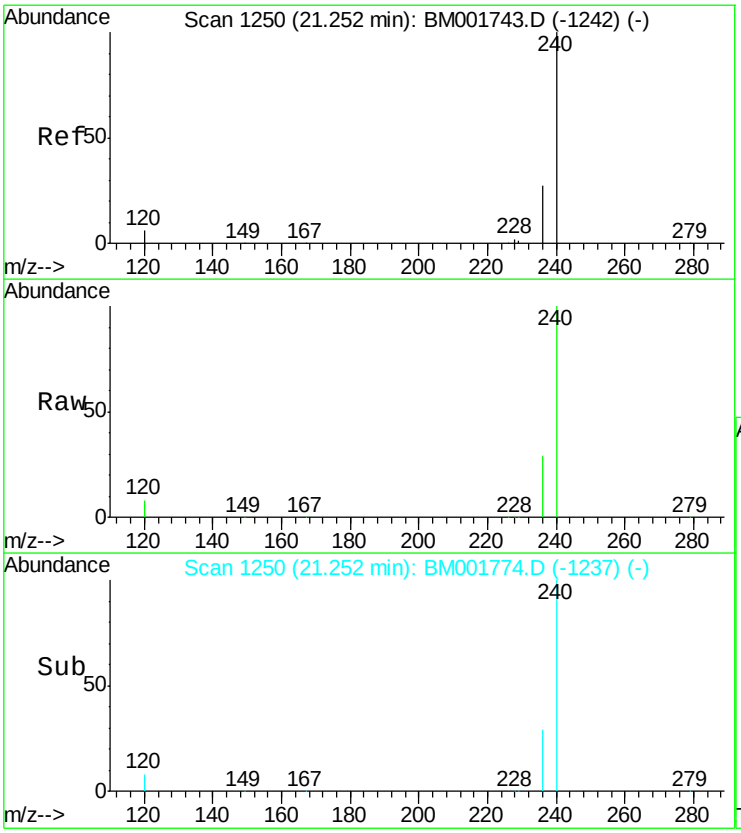
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Instrument :
BNA_M
ClientSampleId :
PB84048BL

Tgt Ion:188 Resp: 234662

Ion	Ratio	Lower	Upper
188	100		
94	1.0	1.3	1.9#
80	0.8	1.0	1.6#

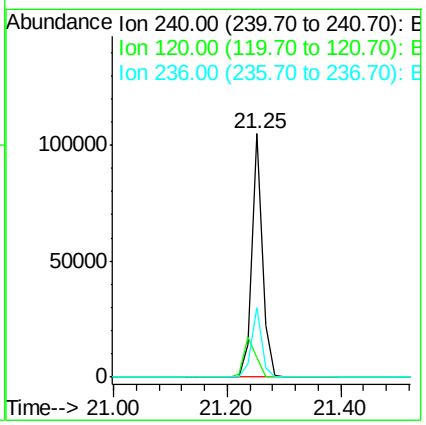


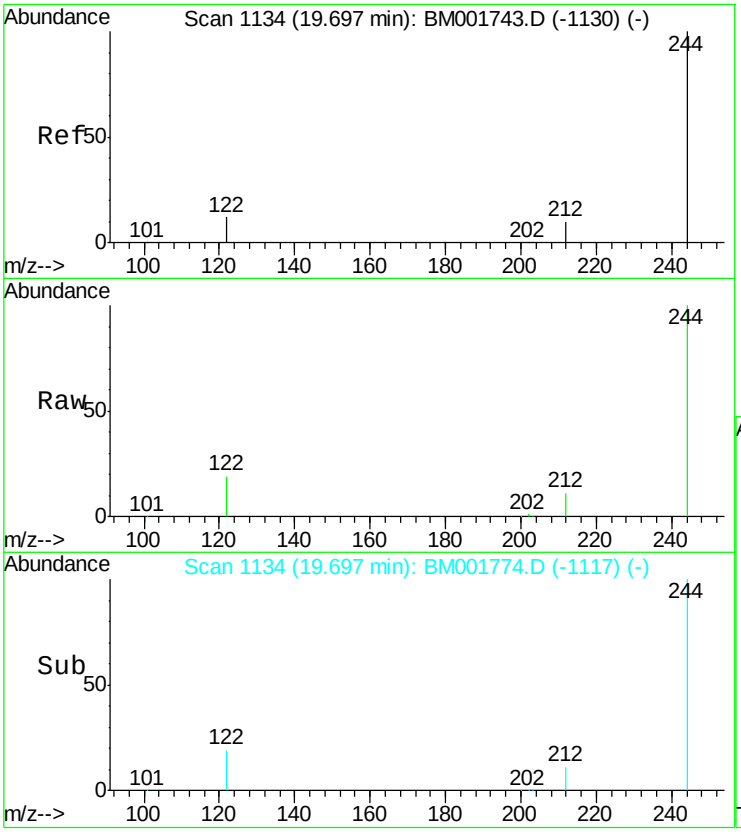


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Tgt Ion:240 Resp: 132170

Ion	Ratio	Lower	Upper
240	100		
120	8.3	4.7	7.1#
236	28.6	21.6	32.4



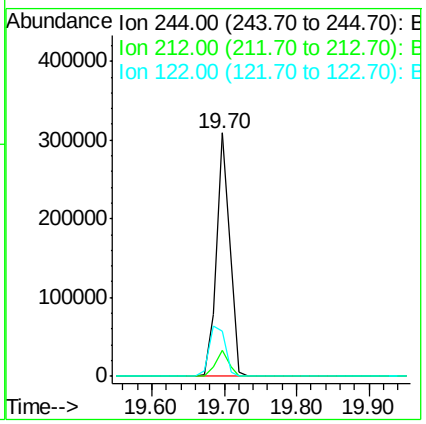


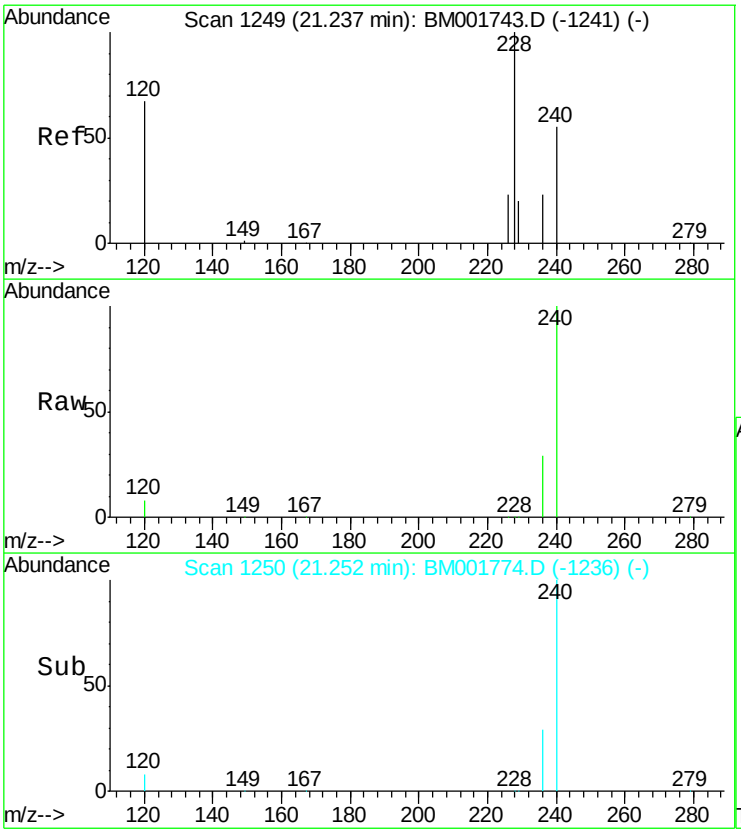
#27
Terphenyl-d14
Concen: 81.00 ng
RT: 19.70 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Instrument :
BNA_M
ClientSampleId :
PB84048BL

Tgt Ion:244 Resp: 394407

Ion	Ratio	Lower	Upper
244	100		
212	10.6	8.6	13.0
122	18.6	10.6	15.8#

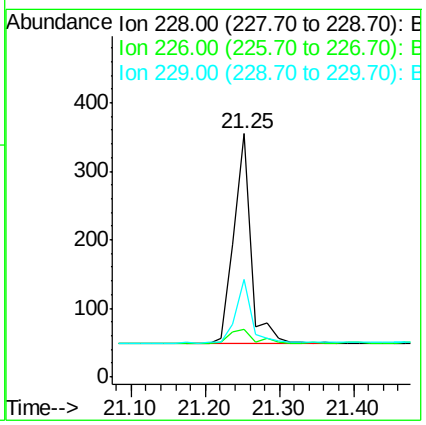


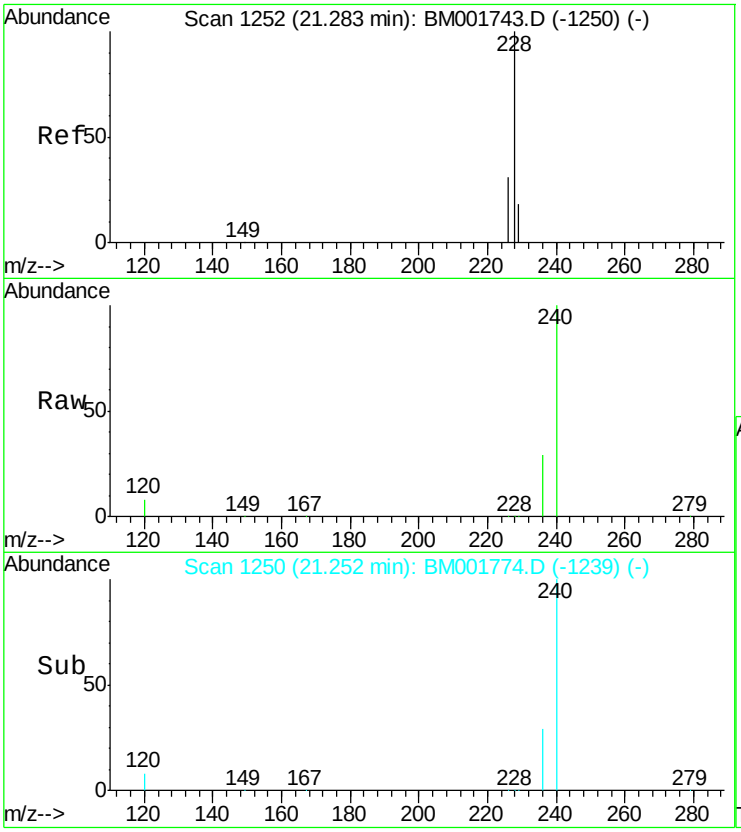


#28
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.02 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Tgt Ion:228 Resp: 494

Ion	Ratio	Lower	Upper
228	100		
226	19.7	18.9	28.3
229	40.3	16.6	25.0#



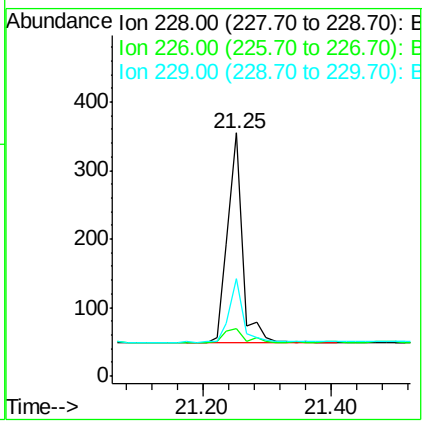


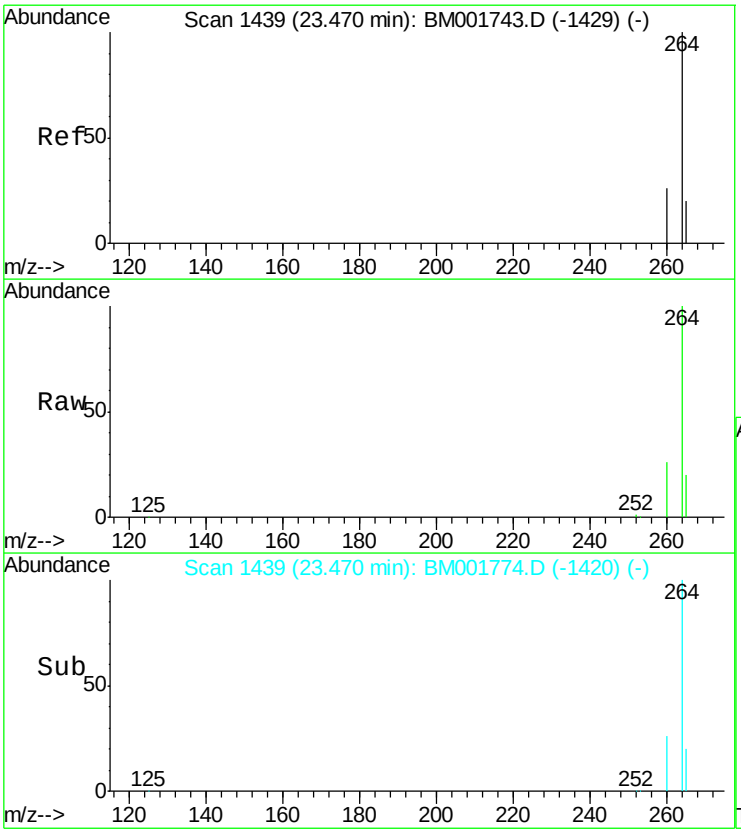
#29
Chrysene
Concen: 0.05 ng
RT: 21.25 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Instrument :
BNA_M
ClientSampleId :
PB84048BL

Tgt Ion:228 Resp: 496

Ion	Ratio	Lower	Upper
228	100		
226	19.7	24.3	36.5#
229	40.3	15.0	22.6#





#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BM001774.D
Acq: 22 Jun 2015 14:33

Tgt Ion:264 Resp: 127462

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.8	31.2
265	19.9	16.8	25.2