Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062215\
Data File : BM001775.D
Acq On : 22 Jun 2015 15:09
Operator : TP/IZ
Sample : PB84048TB
Misc : 4 TIME INT STD
ALS Vial : 7 Sample Multiplier: 4

Instrument : BNA_M
ClientSampleId : PB84048TB

Quant Time: Jun 23 04:21:19 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	65566	5.00	ng	0.00
6) Naphthalene-d8	10.44	136	233266	5.00	ng	-0.02
12) Acenaphthene-d10	14.32	164	106096	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	239421	5.00	ng	0.00
25) Chrysene-d12	21.25	240	139705	5.00	ng	0.00
32) Perylene-d12	23.48	264	132624	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	528557	137.95	ng	0.00
5) Phenol-d6	6.83	99	671922	136.21	ng	0.00
7) Nitrobenzene-d5	8.83	82	407980	89.65	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	116382	140.51	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	729373	76.95	ng	0.00
27) Terphenyl-d14	19.70	244	413864	80.41	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.58	42	210	0.07	ng	# 1
8) Nitrobenzene	8.83	77	1375	0.28	ng	# 39
16) Acenaphthene	14.31	154	468	0.06	ng	# 9
28) Benzo(a)anthracene	21.25	228	492	0.05	ng	# 77
29) Chrysene	21.25	228	493	0.04	ng	# 70

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062215\
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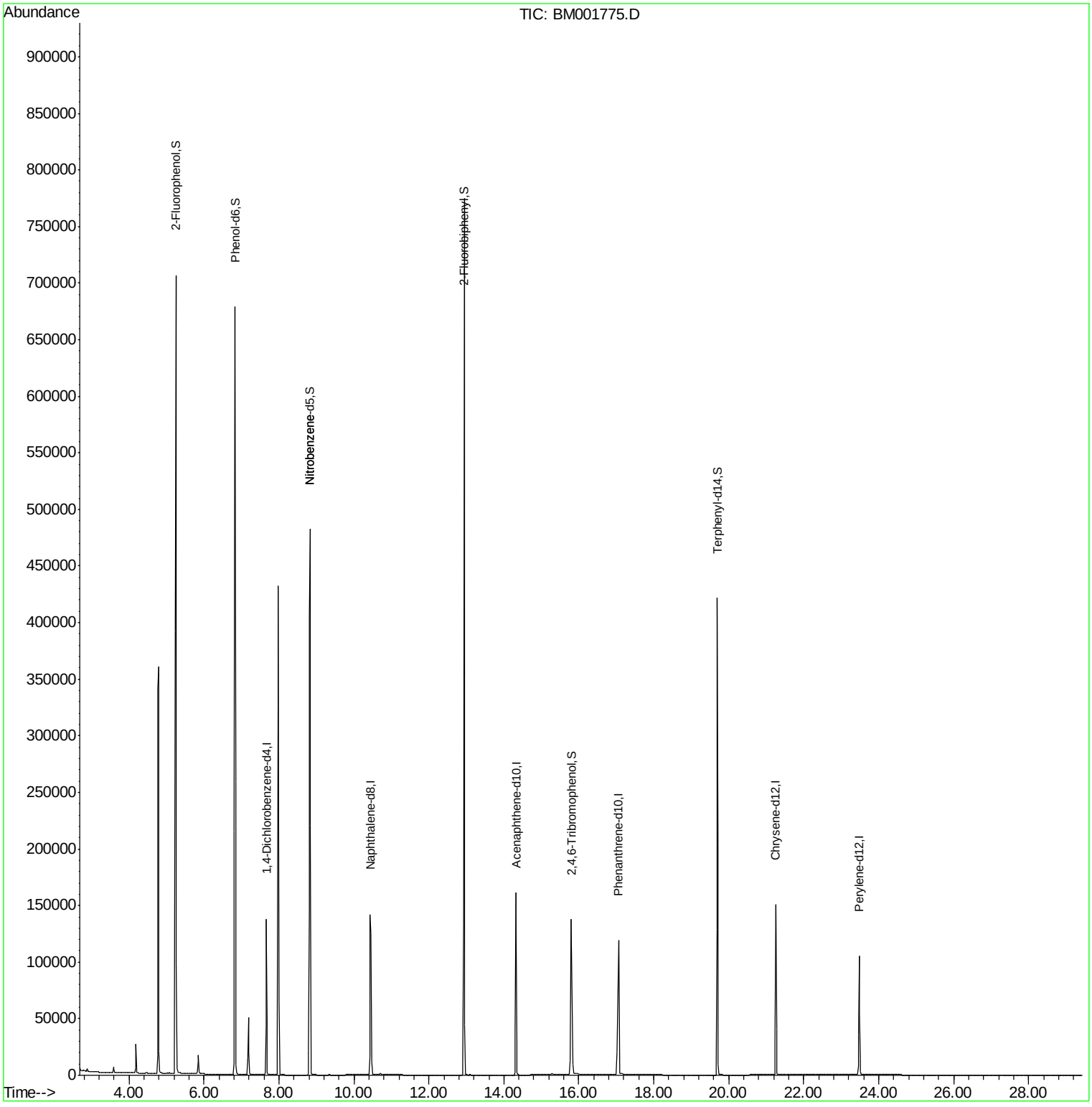
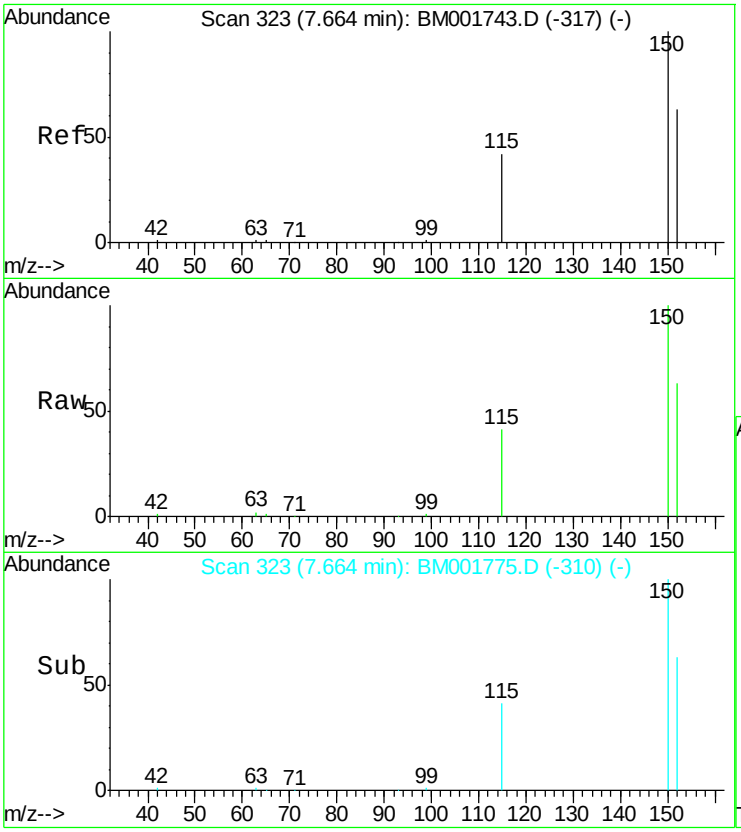


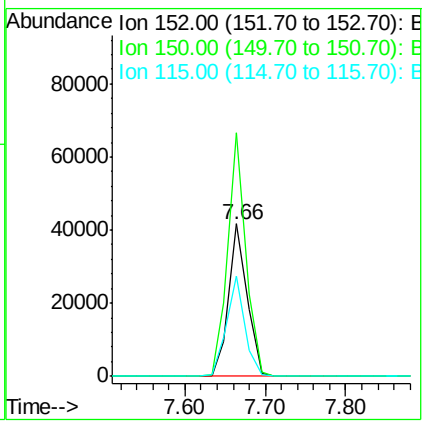


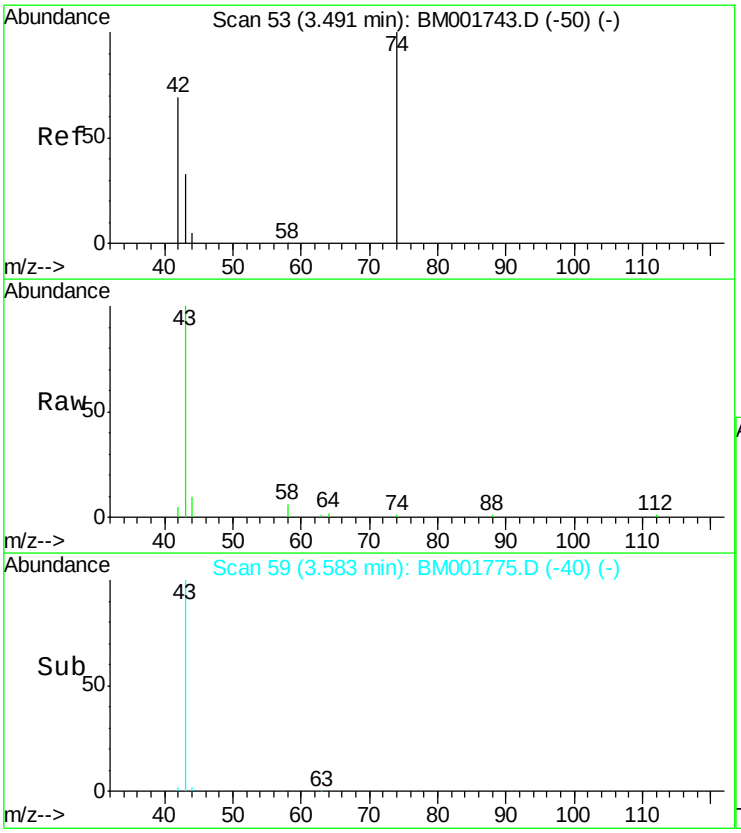
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Instrument :
BNA_M
ClientSampleId :
PB84048TB

Tgt Ion:152 Resp: 65566

Ion	Ratio	Lower	Upper
152	100		
150	159.7	127.5	191.3
115	65.5	53.2	79.8

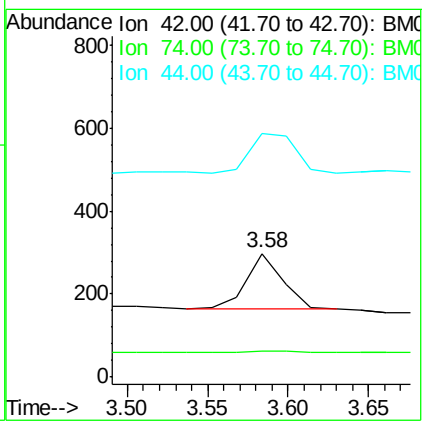


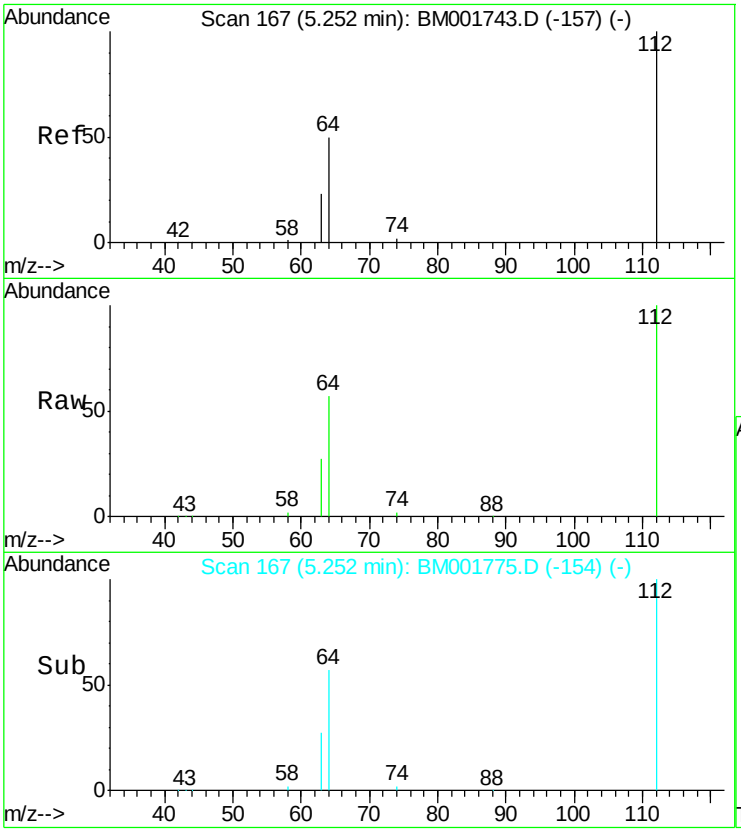


#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.58 min Scan# 59
Delta R.T. 0.09 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Tgt Ion: 42 Resp: 210

Ion	Ratio	Lower	Upper
42	100		
74	2.9	78.6	118.0#
44	129.0	5.0	7.6#



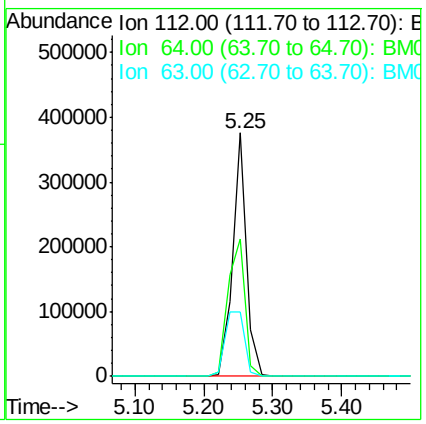


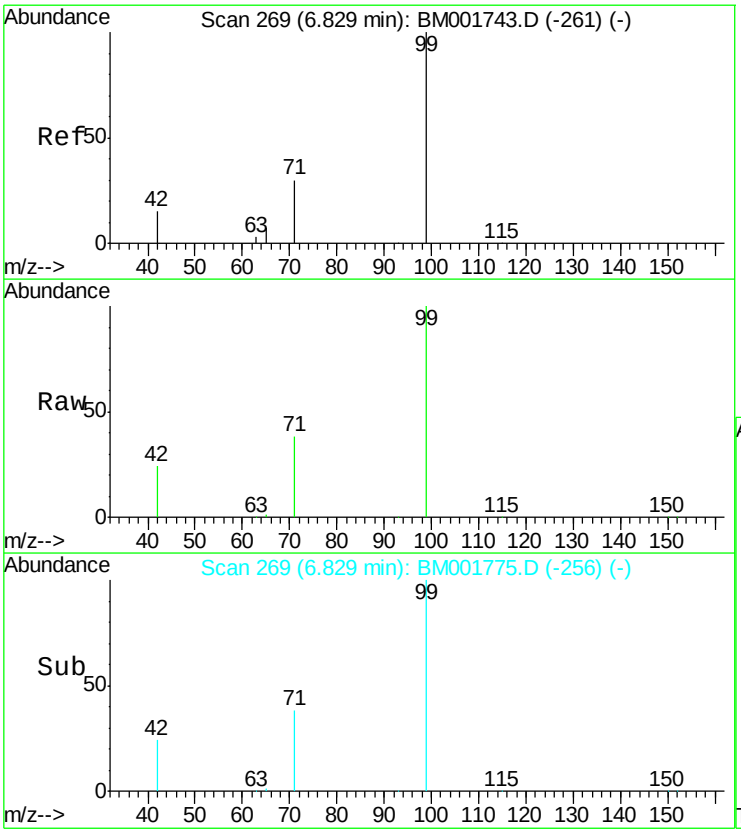
#4
2-Fluorophenol
Concen: 137.95 ng
RT: 5.25 min Scan# 167
Delta R.T. 0.00 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Instrument :
BNA_M
ClientSampleId :
PB84048TB

Tgt Ion:112 Resp: 528557

Ion	Ratio	Lower	Upper
112	100		
64	69.5	55.6	83.4
63	37.4	30.2	45.2

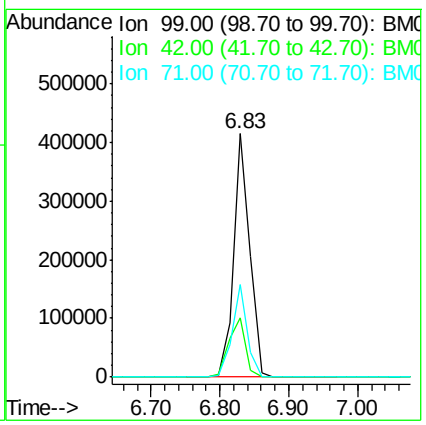


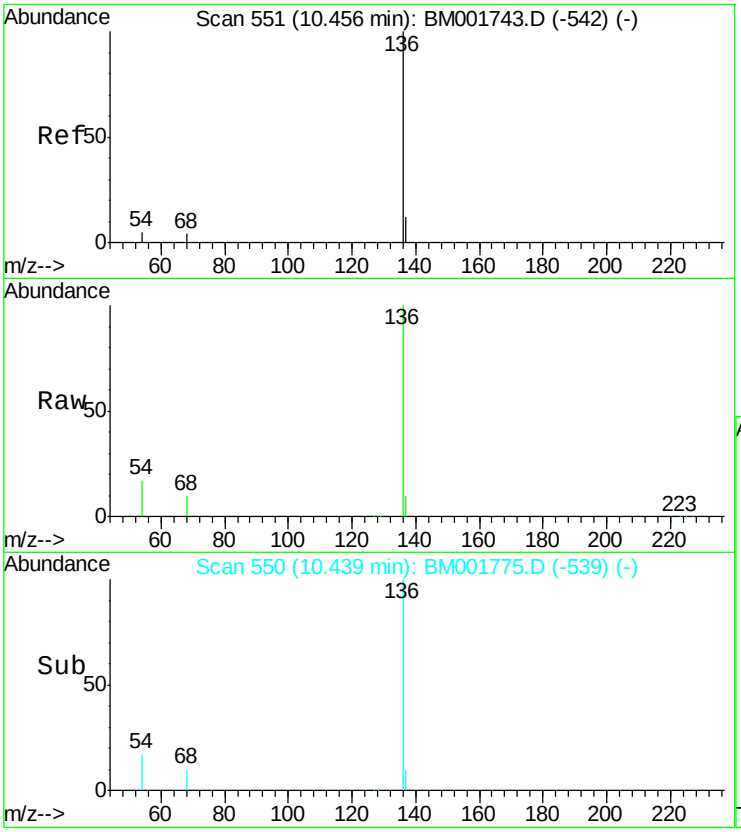


#5
Phenol-d6
Concen: 136.21 ng
RT: 6.83 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Tgt Ion: 99 Resp: 671922

Ion	Ratio	Lower	Upper
99	100		
42	25.5	21.4	32.0
71	35.5	28.3	42.5



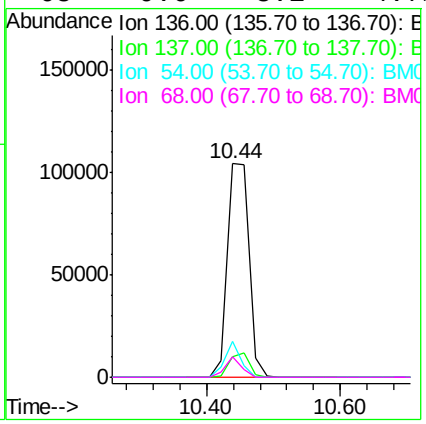


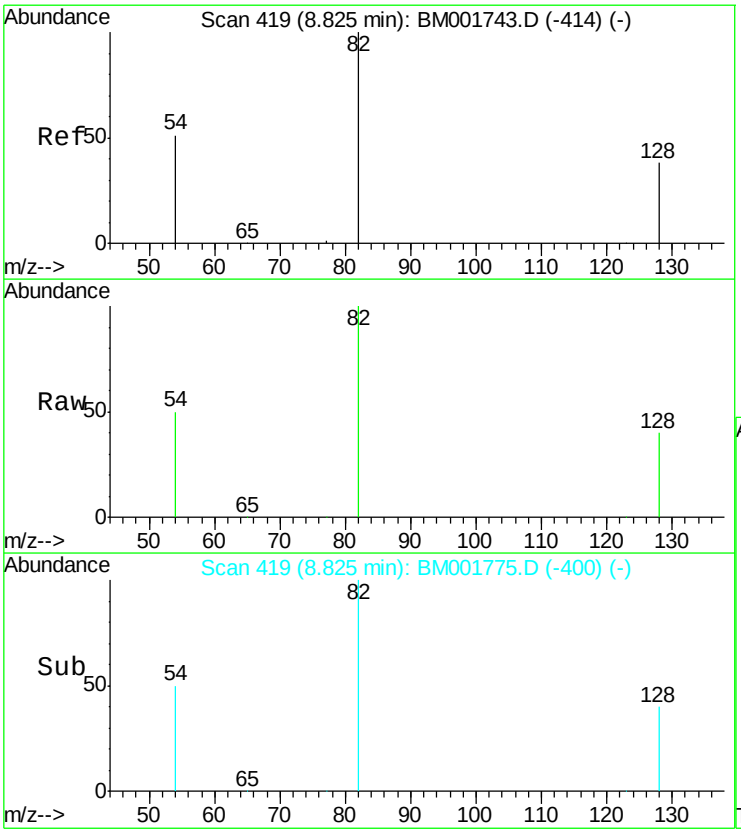
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.02 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Instrument :
BNA_M
ClientSampleId :
PB84048TB

Tgt Ion:136 Resp: 233266

Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.4	14.0
54	16.7	4.4	6.6#
68	9.6	3.1	4.7#

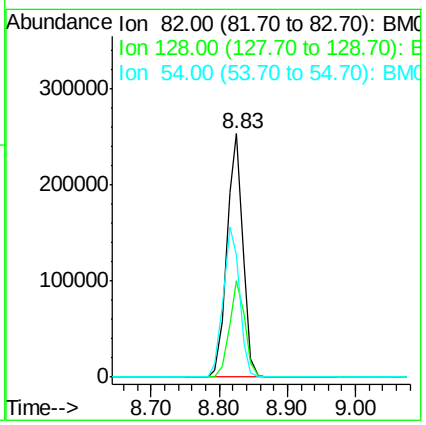


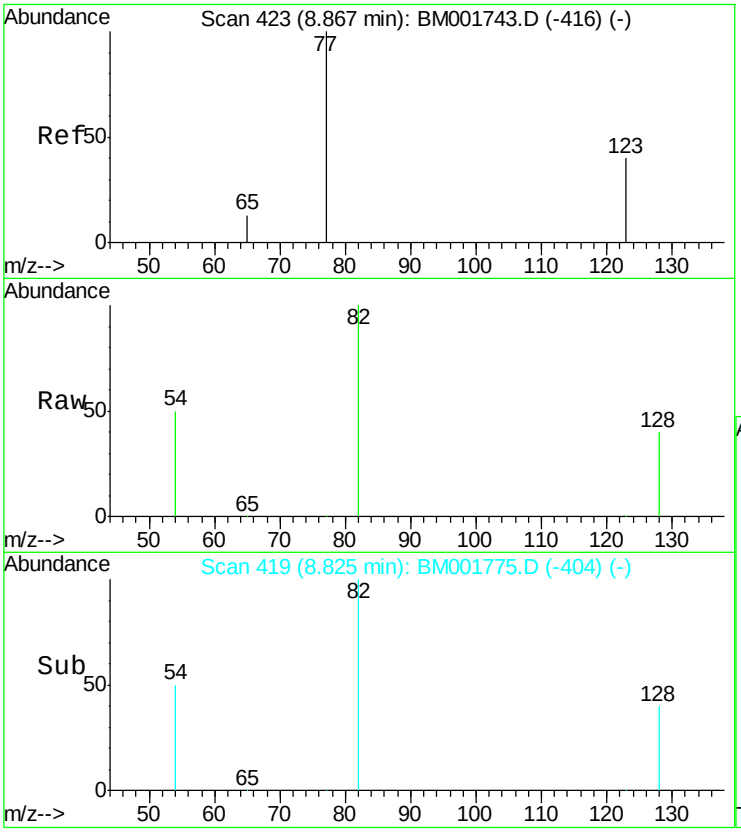


#7
Nitrobenzene-d5
Concen: 89.65 ng
RT: 8.83 min Scan# 419
Delta R.T. 0.00 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Tgt Ion: 82 Resp: 407980

Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.3	46.9
54	50.2	41.9	62.9



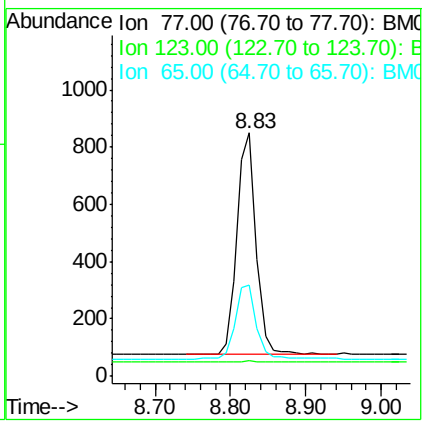


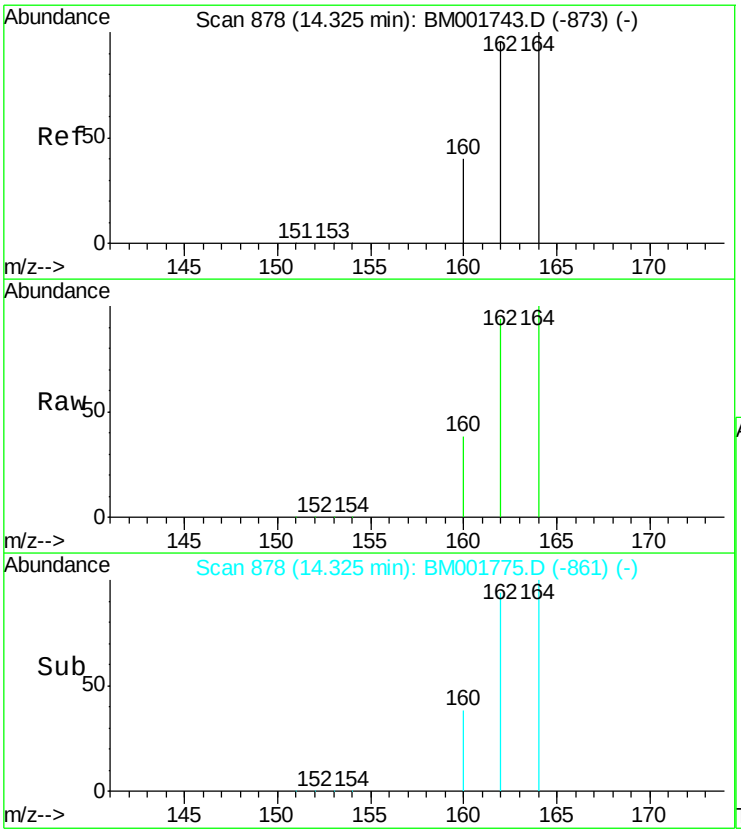
#8
Nitrobenzene
Concen: 0.28 ng
RT: 8.83 min Scan# 419
Delta R.T. -0.04 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Instrument :
BNA_M
ClientSampleId :
PB84048TB

Tgt Ion: 77 Resp: 1375

Ion	Ratio	Lower	Upper
77	100		
123	0.8	30.1	45.1#
65	38.6	11.3	16.9#

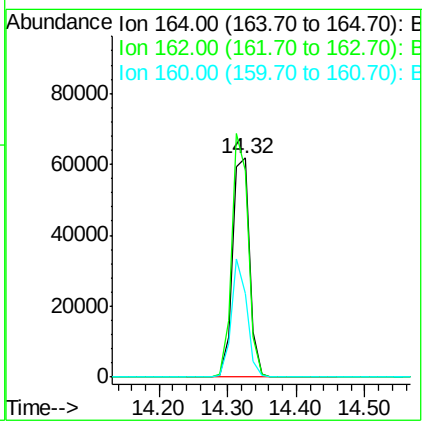


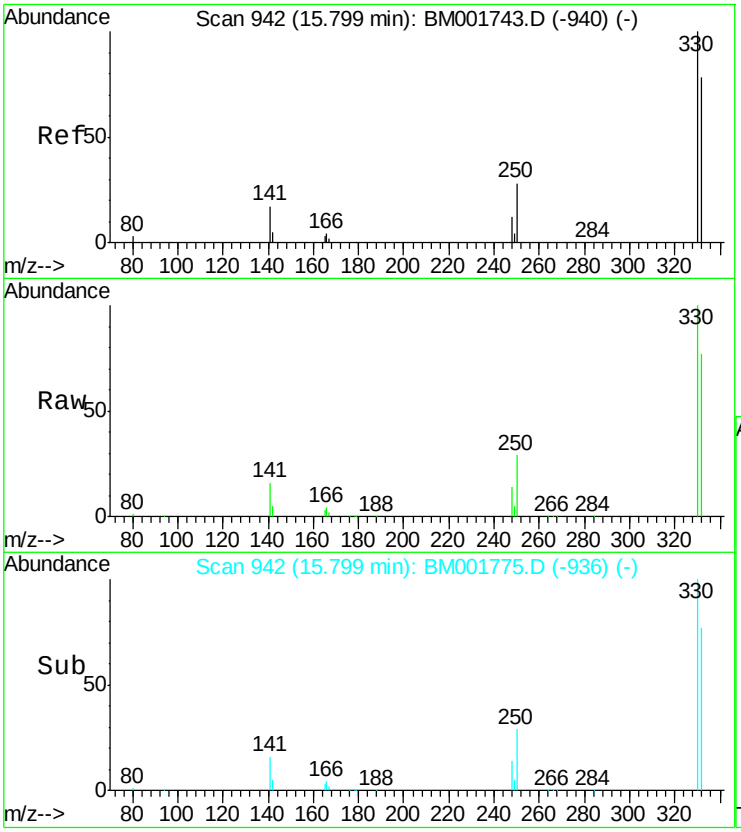


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Tgt Ion:164 Resp: 106096

Ion	Ratio	Lower	Upper
164	100		
162	94.2	76.6	114.8
160	38.0	31.8	47.8



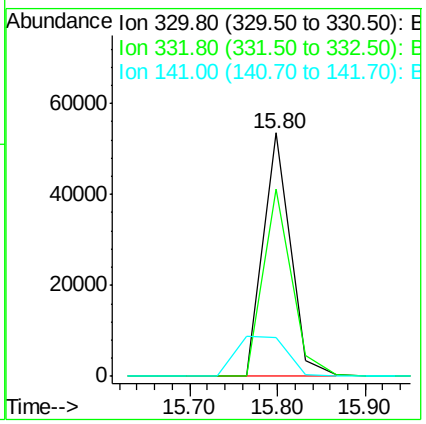


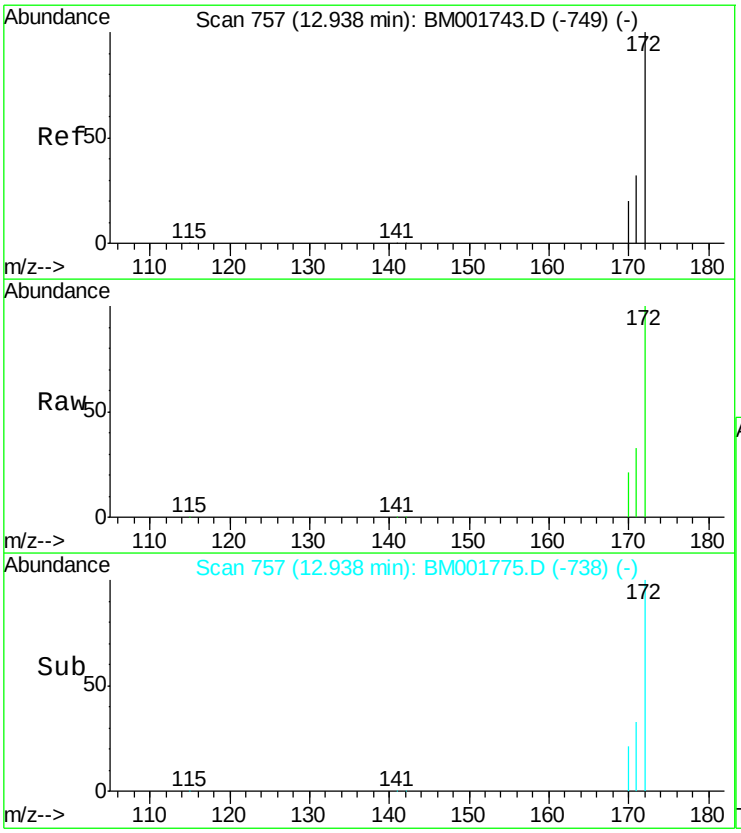
#13
2,4,6-Tribromophenol
Concen: 140.51 ng
RT: 15.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Instrument :
BNA_M
ClientSampleId :
PB84048TB

Tgt Ion:330 Resp: 116382

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

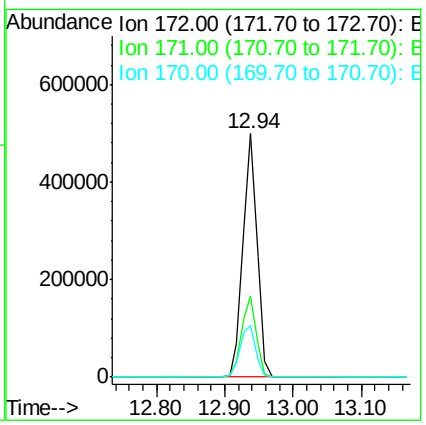


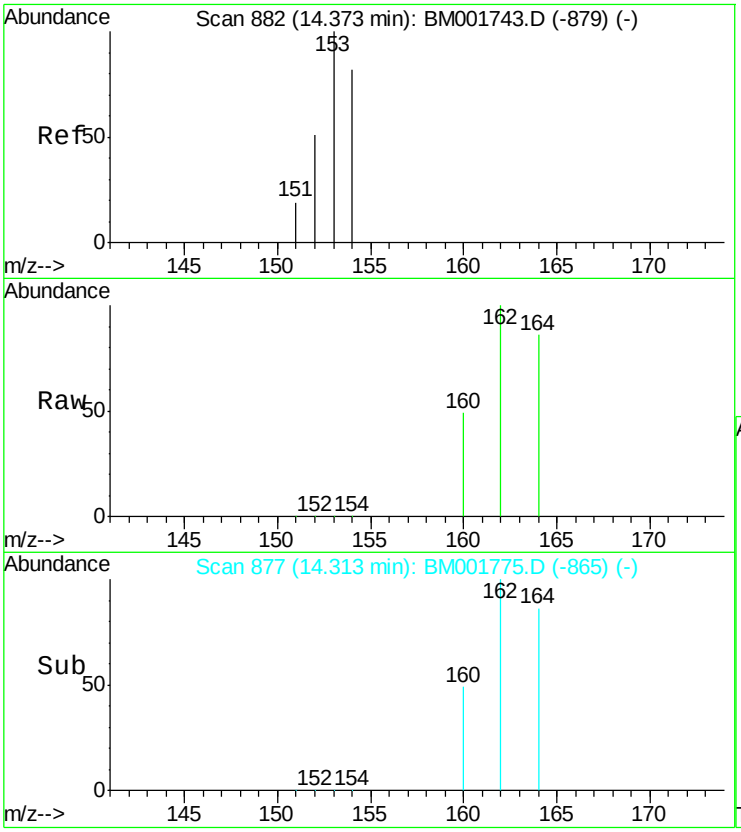


#14
2-Fluorobiphenyl
Concen: 76.95 ng
RT: 12.94 min Scan# 757
Delta R.T. 0.00 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Tgt Ion:172 Resp: 729373

Ion	Ratio	Lower	Upper
172	100		
171	33.3	26.2	39.2
170	21.4	16.6	24.8



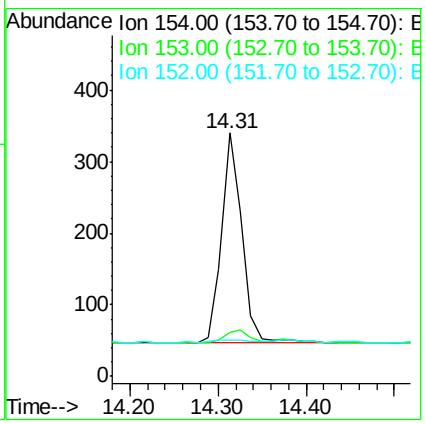


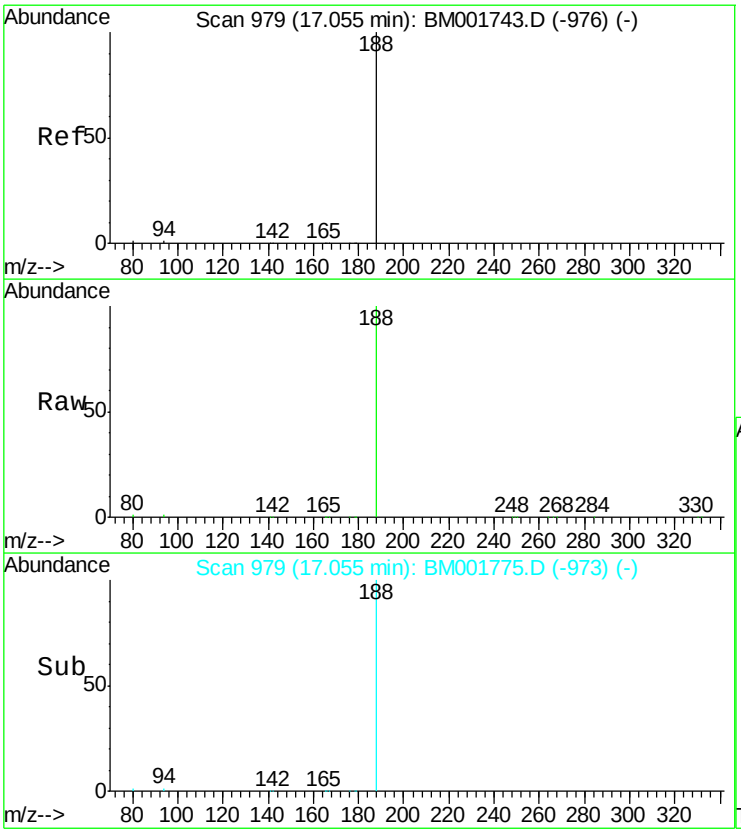
#16
Acenaphthene
Concen: 0.06 ng
RT: 14.31 min Scan# 877
Delta R.T. -0.06 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Instrument :
BNA_M
ClientSampleId :
PB84048TB

Tgt Ion:154 Resp: 468

Ion	Ratio	Lower	Upper
154	100		
153	6.4	90.0	135.0#
152	1.7	44.2	66.4#

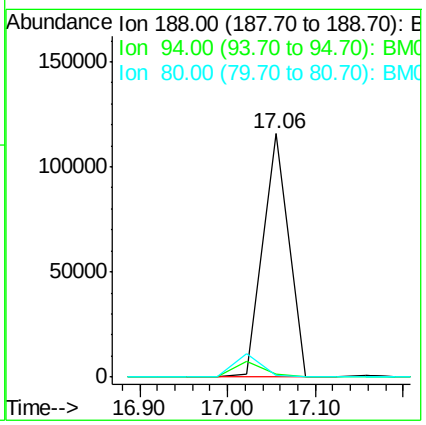


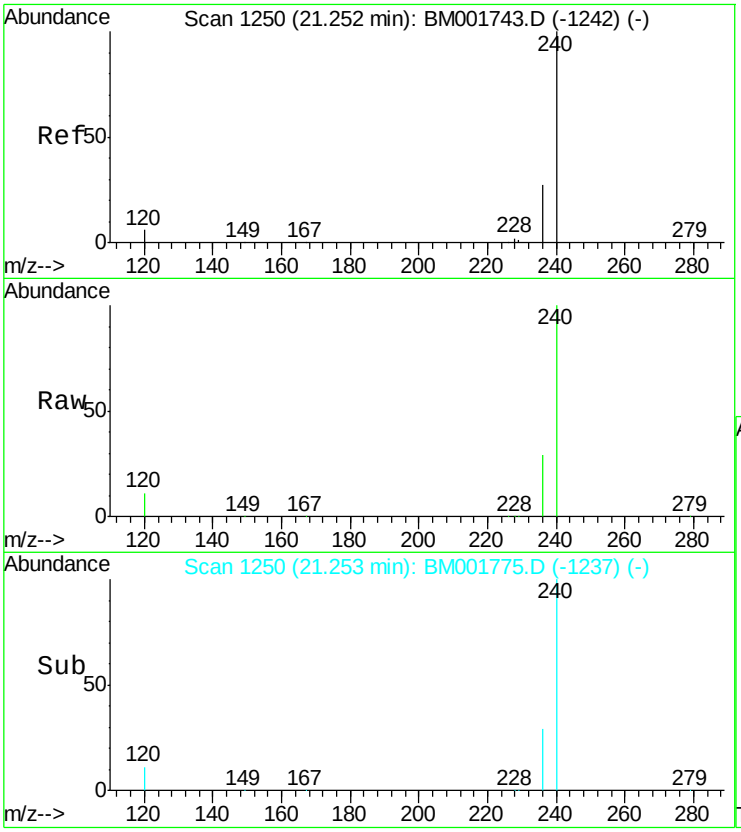


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Tgt Ion:188 Resp: 239421

Ion	Ratio	Lower	Upper
188	100		
94	1.1	1.3	1.9#
80	0.9	1.0	1.6#



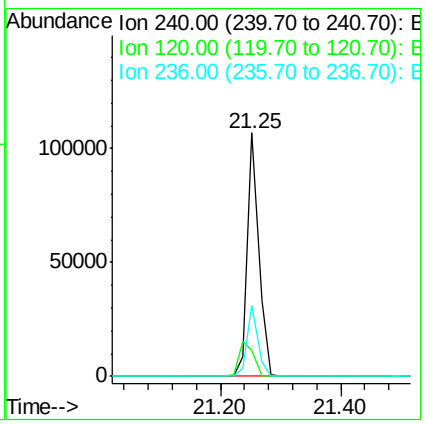


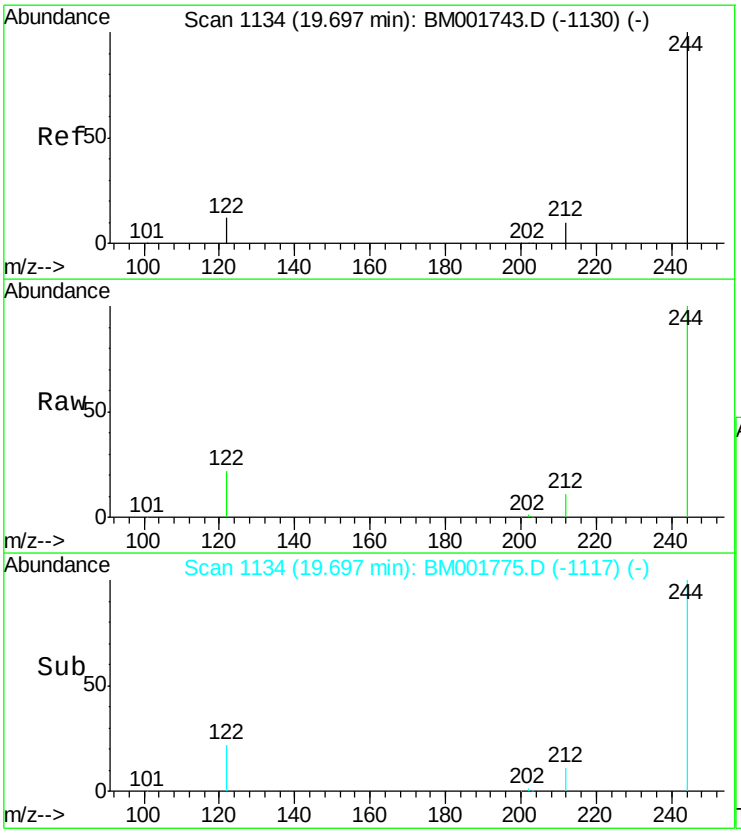
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Instrument :
BNA_M
ClientSampleId :
PB84048TB

Tgt Ion:240 Resp: 139705

Ion	Ratio	Lower	Upper
240	100		
120	10.9	4.7	7.1#
236	29.1	21.6	32.4

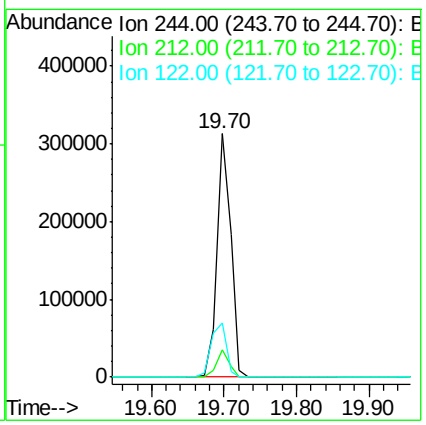


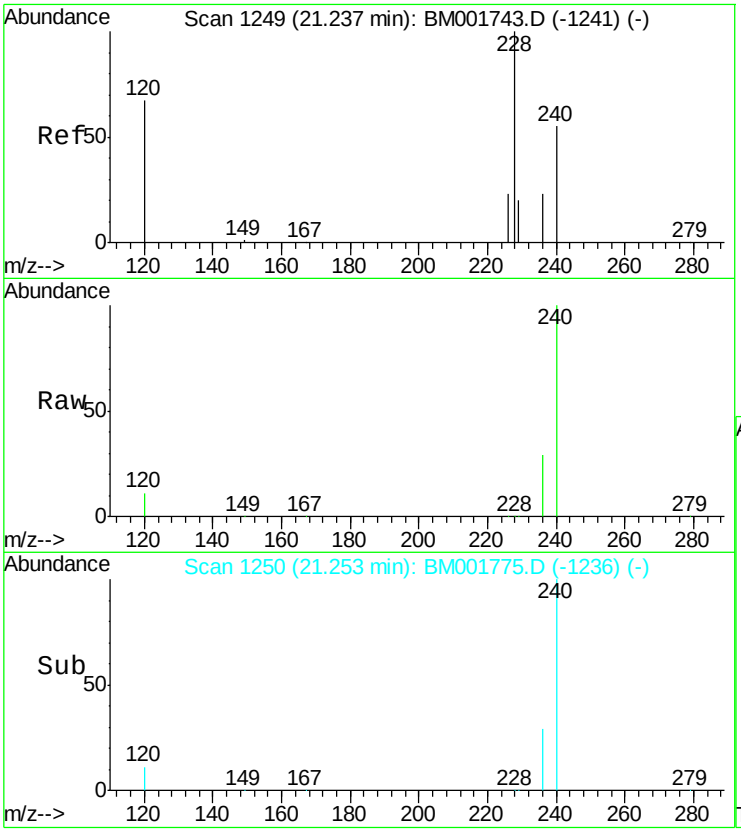


#27
Terphenyl-d14
Concen: 80.41 ng
RT: 19.70 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Tgt Ion:244 Resp: 413864

Ion	Ratio	Lower	Upper
244	100		
212	11.2	8.6	13.0
122	22.4	10.6	15.8#



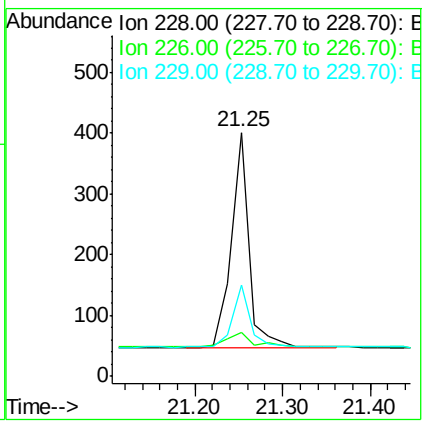


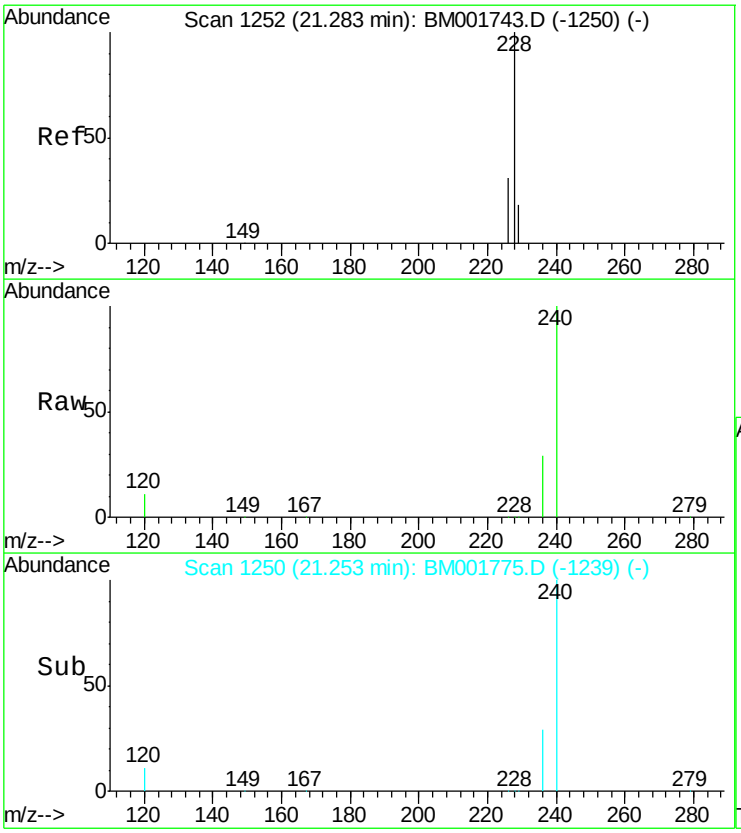
#28
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.02 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Instrument :
BNA_M
ClientSampleId :
PB84048TB

Tgt Ion:228 Resp: 492

Ion	Ratio	Lower	Upper
228	100		
226	18.2	18.9	28.3#
229	37.7	16.6	25.0#

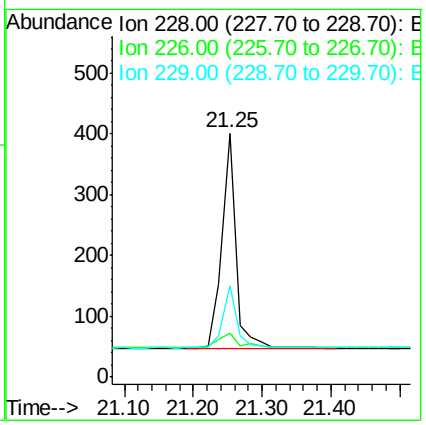


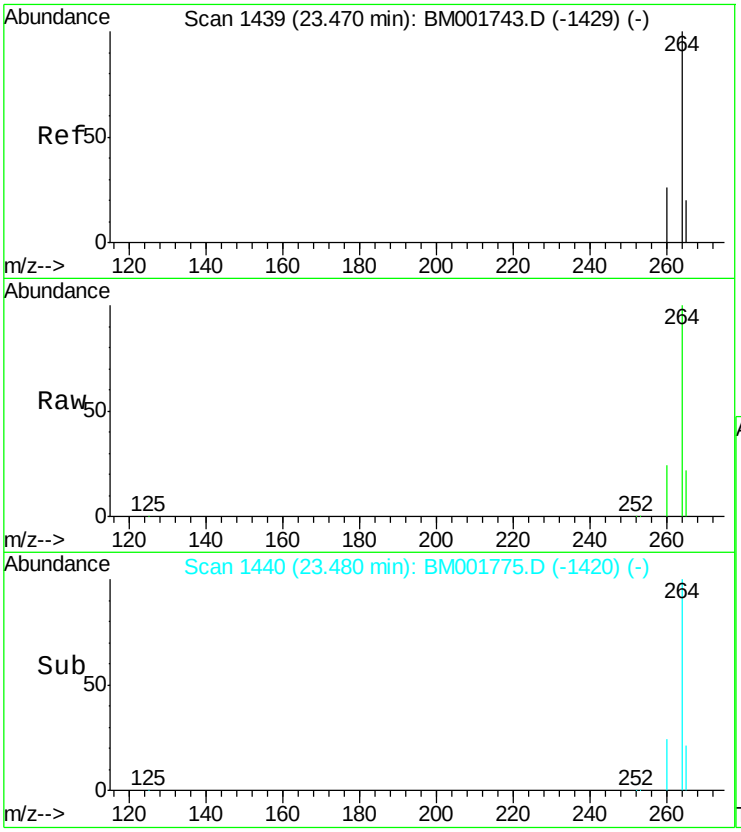


#29
Chrysene
Concen: 0.04 ng
RT: 21.25 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Tgt Ion:228 Resp: 493

Ion	Ratio	Lower	Upper
228	100		
226	18.2	24.3	36.5#
229	37.7	15.0	22.6#





#32
Perylene-d12
Concen: 5.00 ng
RT: 23.48 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Instrument :
BNA_M
ClientSampleId :
PB84048TB

Tgt Ion:264 Resp: 132624

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.8	31.2
265	21.6	16.8	25.2