Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040115\
Data File : BM000794.D
Acq On : 01 Apr 2015 21:08
Operator : TP/IZ
Sample : PB82336BL
Misc : LOD/LOQ-SOIL-BLK
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB82336BL

Quant Time: Apr 02 02:26:56 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 04:17:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	30562	5.00	ng	0.00
4) Naphthalene-d8	10.40	136	102615	5.00	ng	0.00
8) Acenaphthene-d10	14.28	164	49491	5.00	ng	0.00
13) Phenanthrene-d10	17.01	188	112570	5.00	ng	0.00
19) Chrysene-d12	21.21	240	94757	5.00	ng	0.00
25) Perylene-d12	23.40	264	86946	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.77	82	55141	8.73	ng	0.00
9) 2-Fluorobiphenyl	12.89	172	160985	10.49	ng	0.00
21) Terphenyl-d14	19.66	244	128955	11.31	ng	0.00
Target Compounds						Qvalue

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

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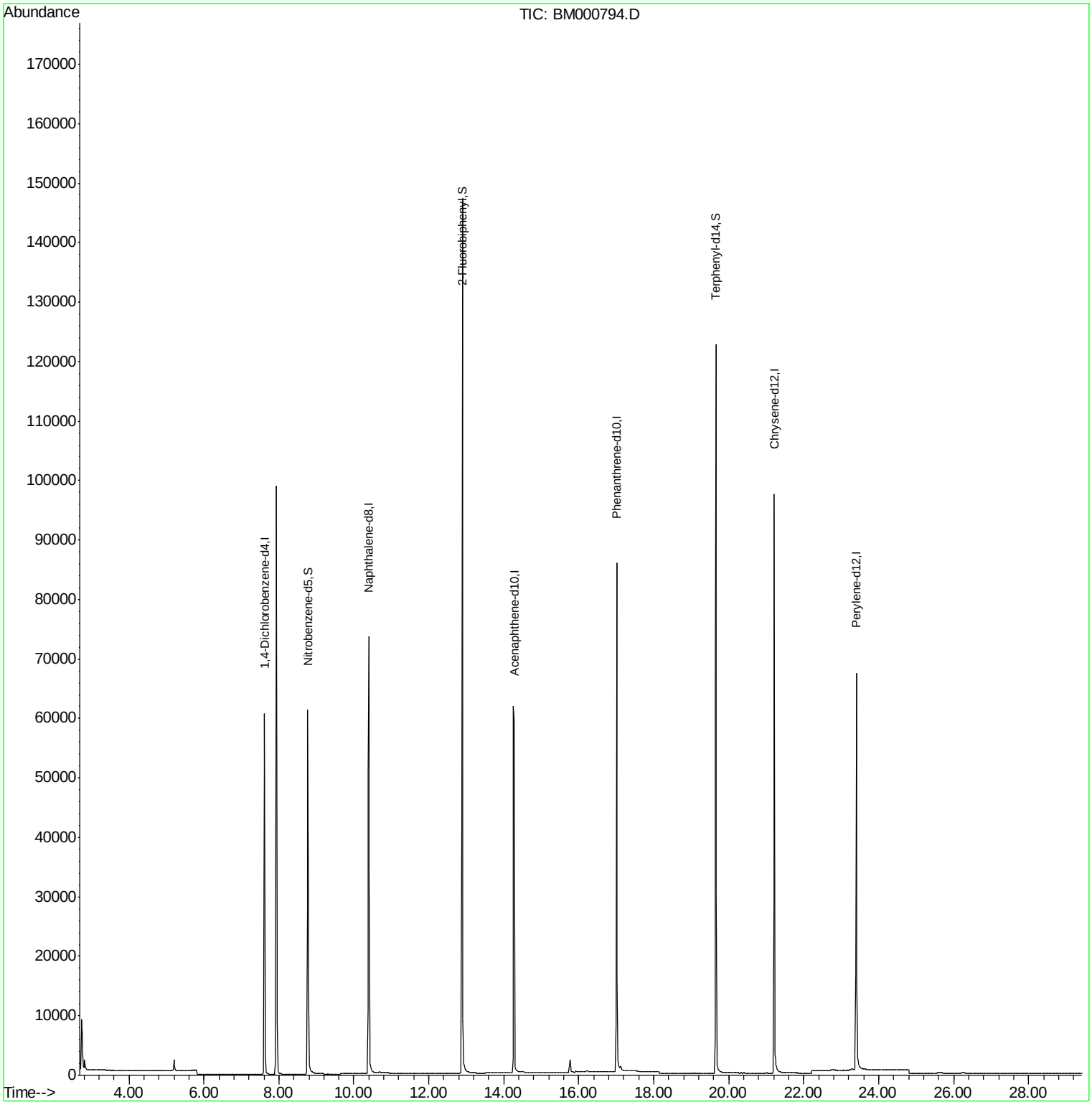
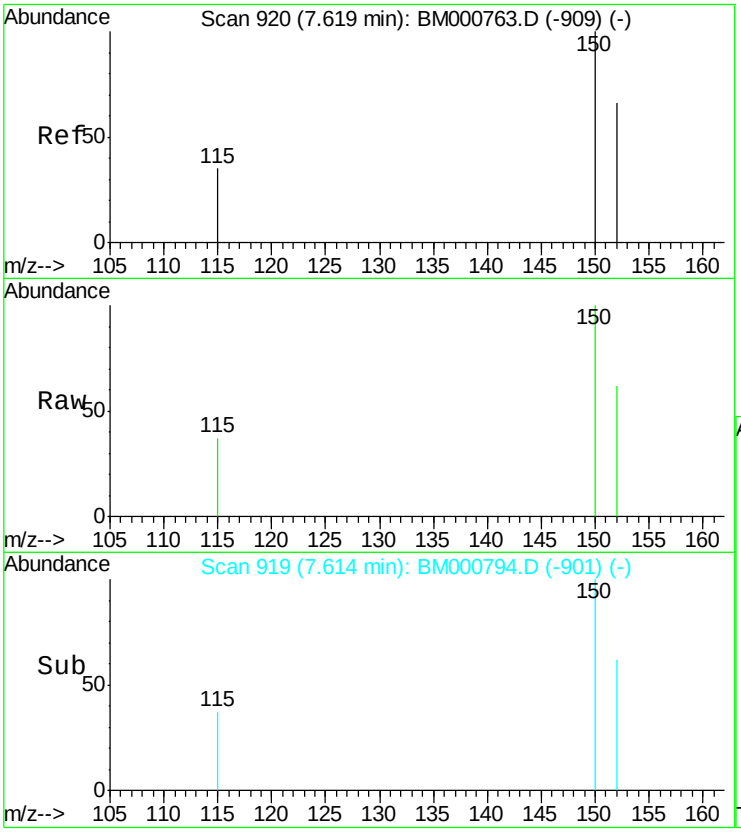


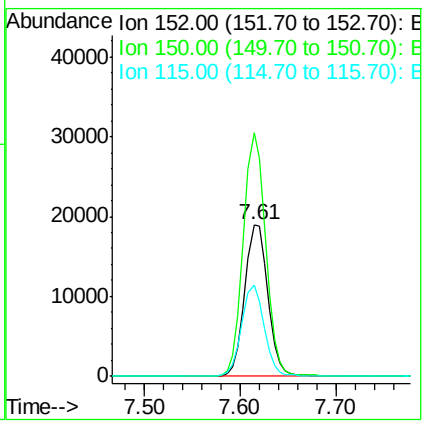


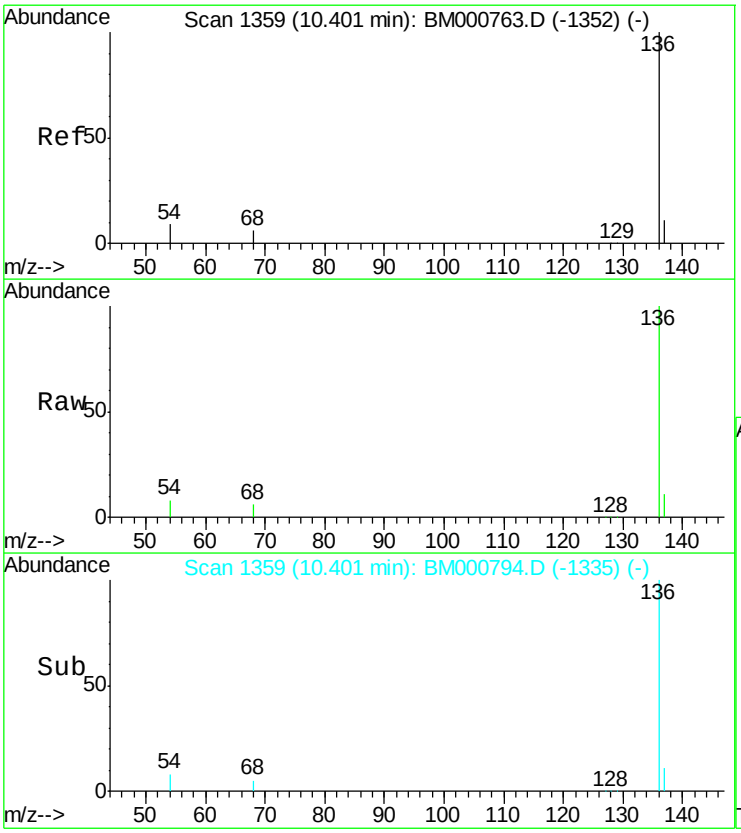
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM000794.D
Acq: 01 Apr 2015 21:08

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:152 Resp: 30562

Ion	Ratio	Lower	Upper
152	100		
150	160.4	120.8	181.2
115	59.9	42.7	64.1

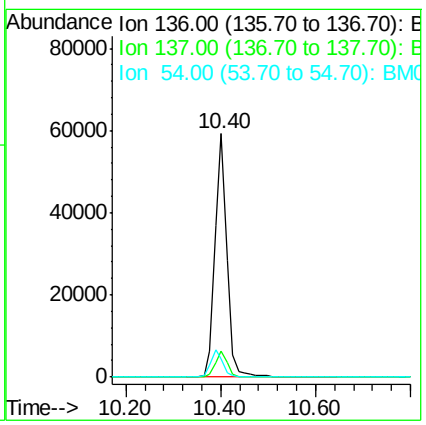


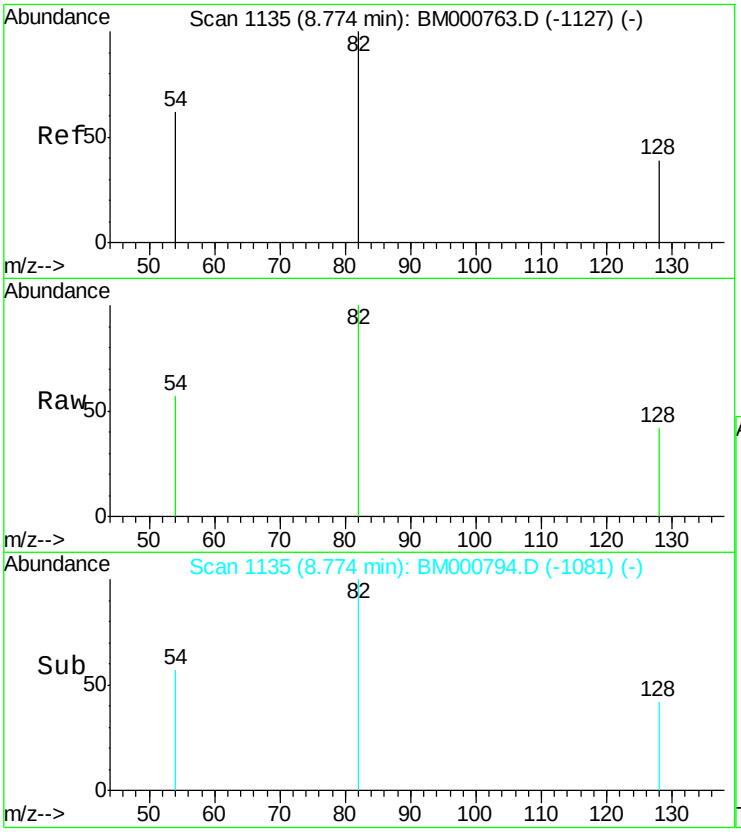


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.40 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BM000794.D
Acq: 01 Apr 2015 21:08

Tgt Ion:136 Resp: 102615

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.8	7.0	10.6



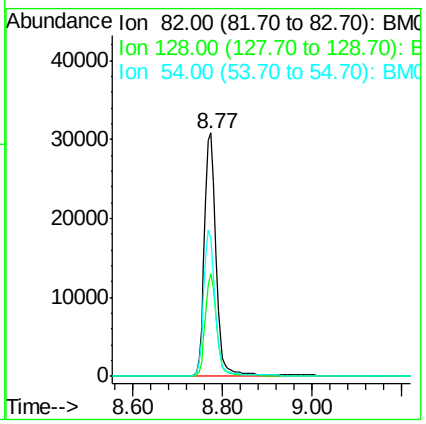


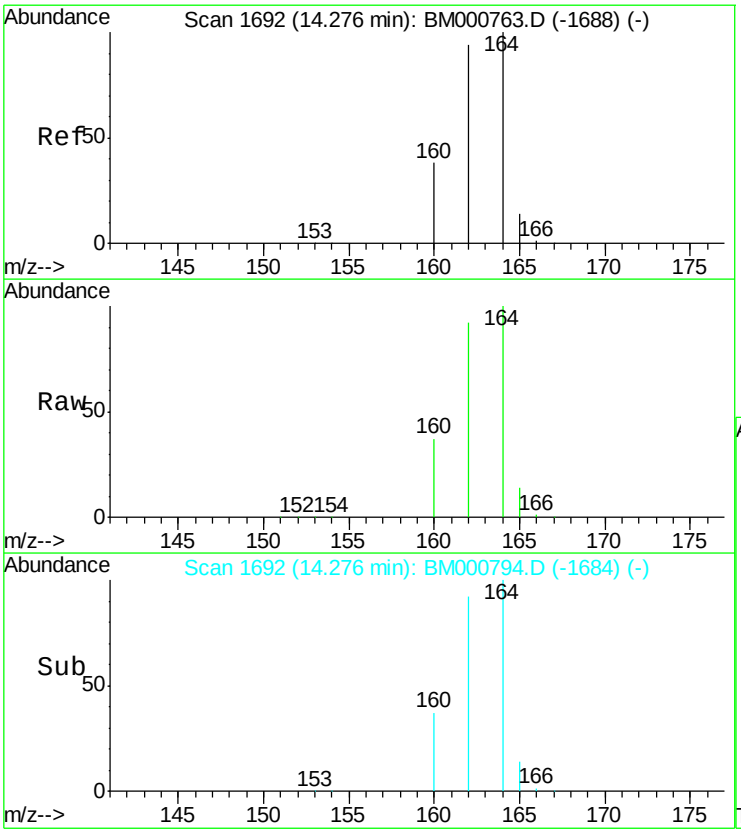
#5
Nitrobenzene-d5
Concen: 8.73 ng
RT: 8.77 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BM000794.D
Acq: 01 Apr 2015 21:08

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion: 82 Resp: 55141

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.2	48.2
54	57.0	50.2	75.4

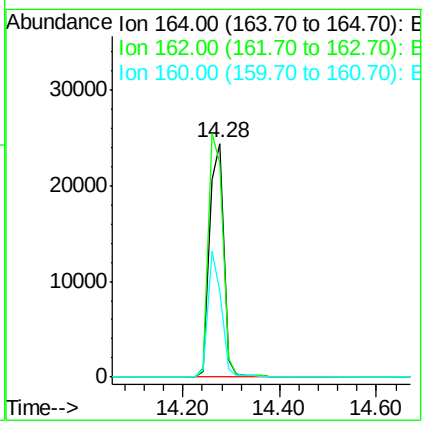


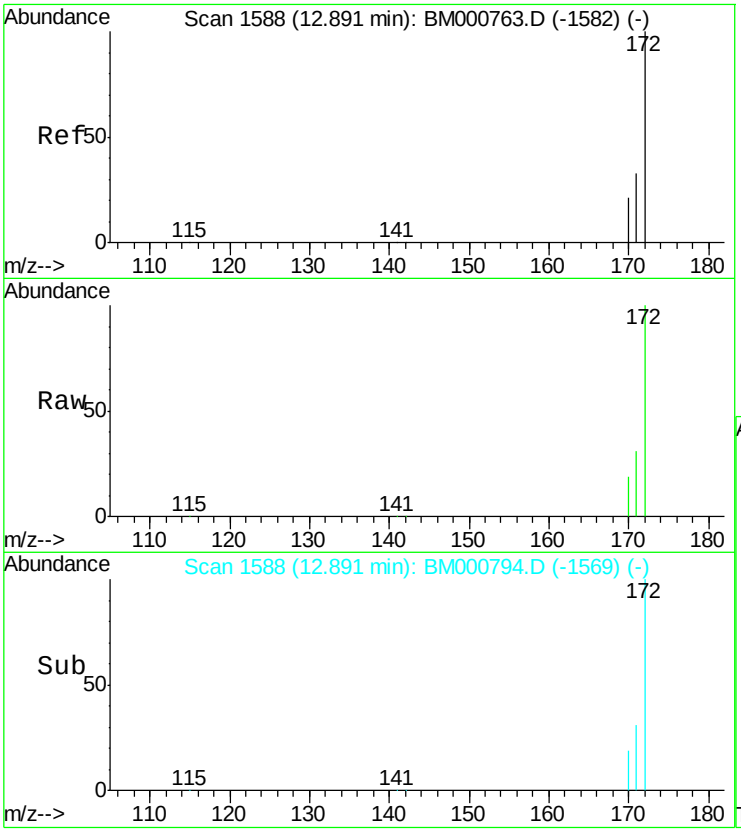


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BM000794.D
Acq: 01 Apr 2015 21:08

Tgt Ion:164 Resp: 49491

Ion	Ratio	Lower	Upper
164	100		
162	91.5	75.4	113.2
160	36.7	30.8	46.2



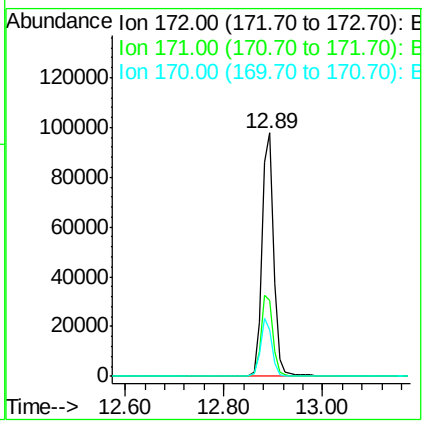


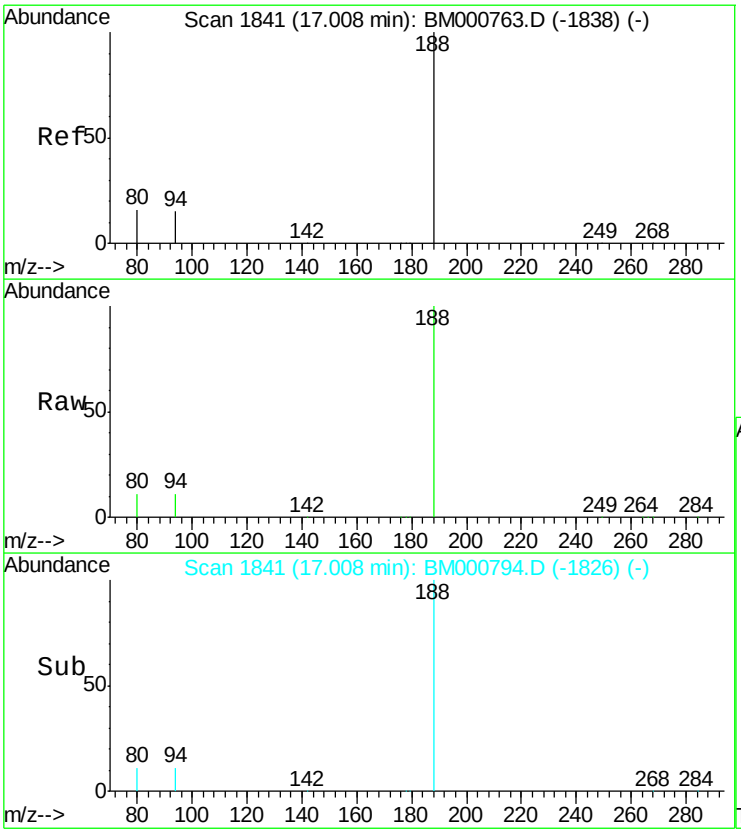
#9
2-Fluorobiphenyl
Concen: 10.49 ng
RT: 12.89 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BM000794.D
Acq: 01 Apr 2015 21:08

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:172 Resp: 160985

Ion	Ratio	Lower	Upper
172	100		
171	31.4	26.6	39.8
170	18.8	17.1	25.7

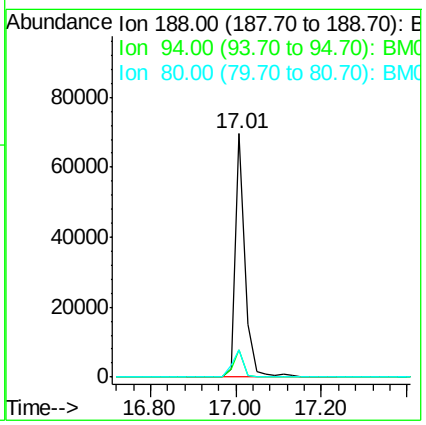


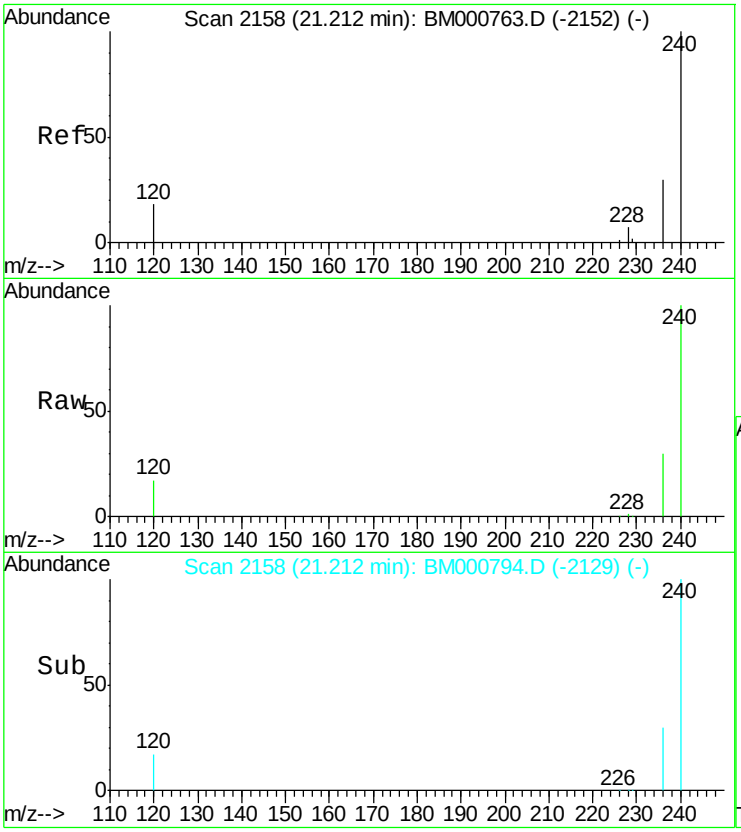


#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BM000794.D
Acq: 01 Apr 2015 21:08

Tgt Ion:188 Resp: 112570

Ion	Ratio	Lower	Upper
188	100		
94	11.3	12.0	18.0#
80	11.5	12.8	19.2#



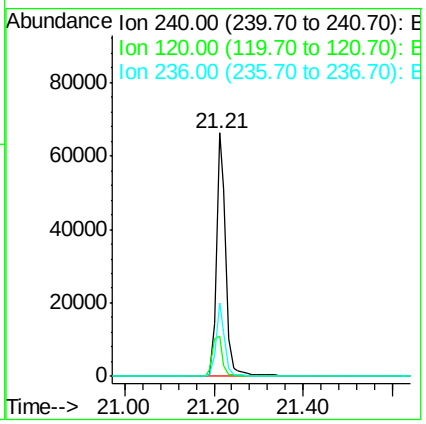


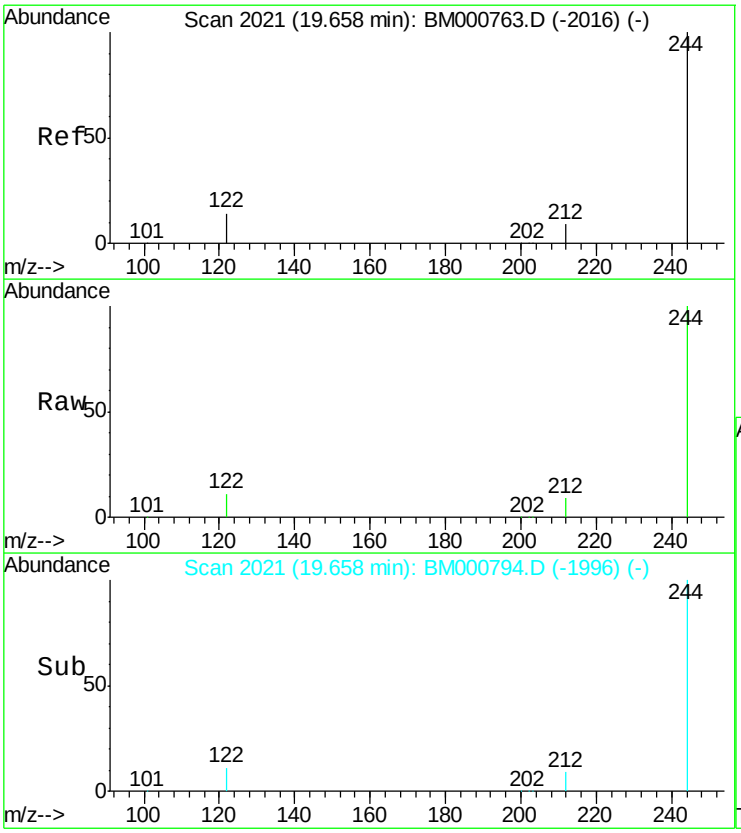
#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BM000794.D
Acq: 01 Apr 2015 21:08

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:240 Resp: 94757

Ion	Ratio	Lower	Upper
240	100		
120	16.7	14.9	22.3
236	30.0	24.2	36.4

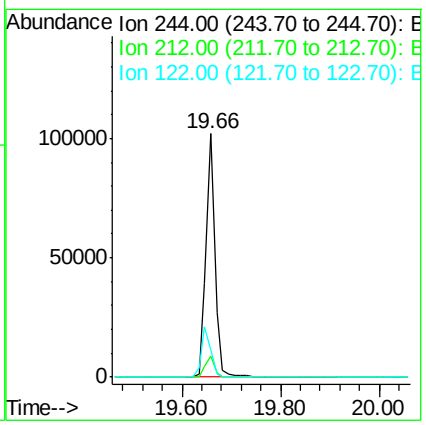


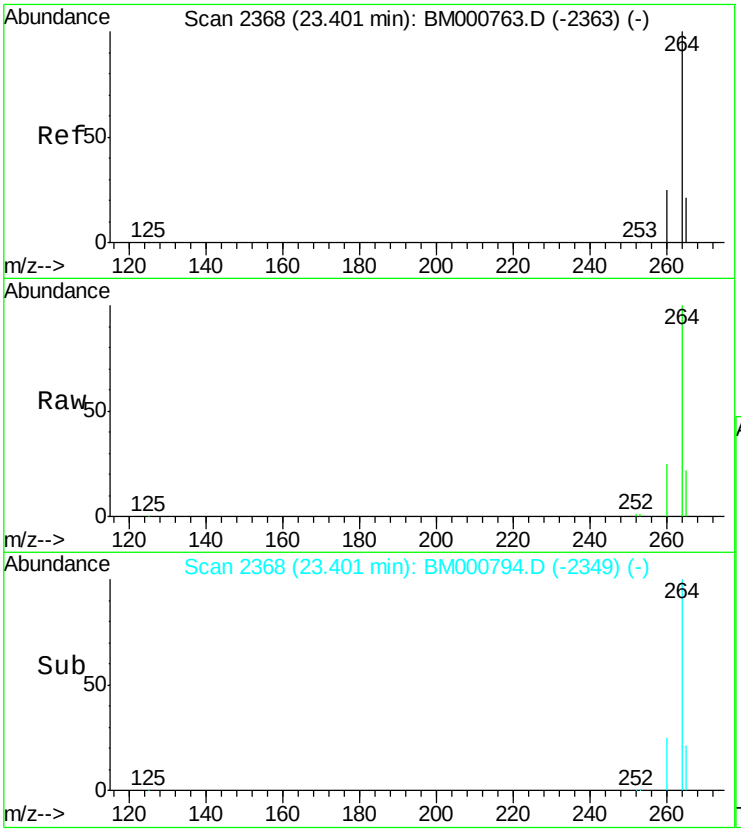


#21
Terphenyl-d14
Concen: 11.31 ng
RT: 19.66 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BM000794.D
Acq: 01 Apr 2015 21:08

Tgt Ion:244 Resp: 128955

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.8	11.6
122	11.0	11.8	17.8#





#25
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BM000794.D
Acq: 01 Apr 2015 21:08

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tgt Ion:264 Resp: 86946

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.6	17.4	26.0