Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040715\
Data File : BM000885.D
Acq On : 07 Apr 2015 18:13
Operator : TP/IZ
Sample : G1457-03DL2 40X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PT-BN-WPDL2

Quant Time: Apr 08 01:45:10 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM040715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 15:59:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	15765	5.00	ng	0.00
11) Naphthalene-d8	10.39	136	80448	5.00	ng	0.00
19) Acenaphthene-d10	14.26	164	43900	5.00	ng	0.00
26) Phenanthrene-d10	17.00	188	107158	5.00	ng	0.00
30) Chrysene-d12	21.19	240	79431	5.00	ng	0.00
34) Perylene-d12	23.39	264	75916	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	21742	4.11	ng	0.00
5) Phenol-d6	6.77	99	36737	3.53	ng	0.00
12) Nitrobenzene-d5	8.77	82	12295	3.06	ng	0.00
20) 2,4,6-Tribromophenol	15.77	330	4015	2.41	ng	0.02
23) 2-Fluorobiphenyl	12.87	172	44616	3.30	ng	0.00
32) Terphenyl-d14	19.65	244	34727	3.54	ng	0.00
Target Compounds						Qvalue
17) Hexachlorobutadiene	10.72	225	15821	4.32	ng	98

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

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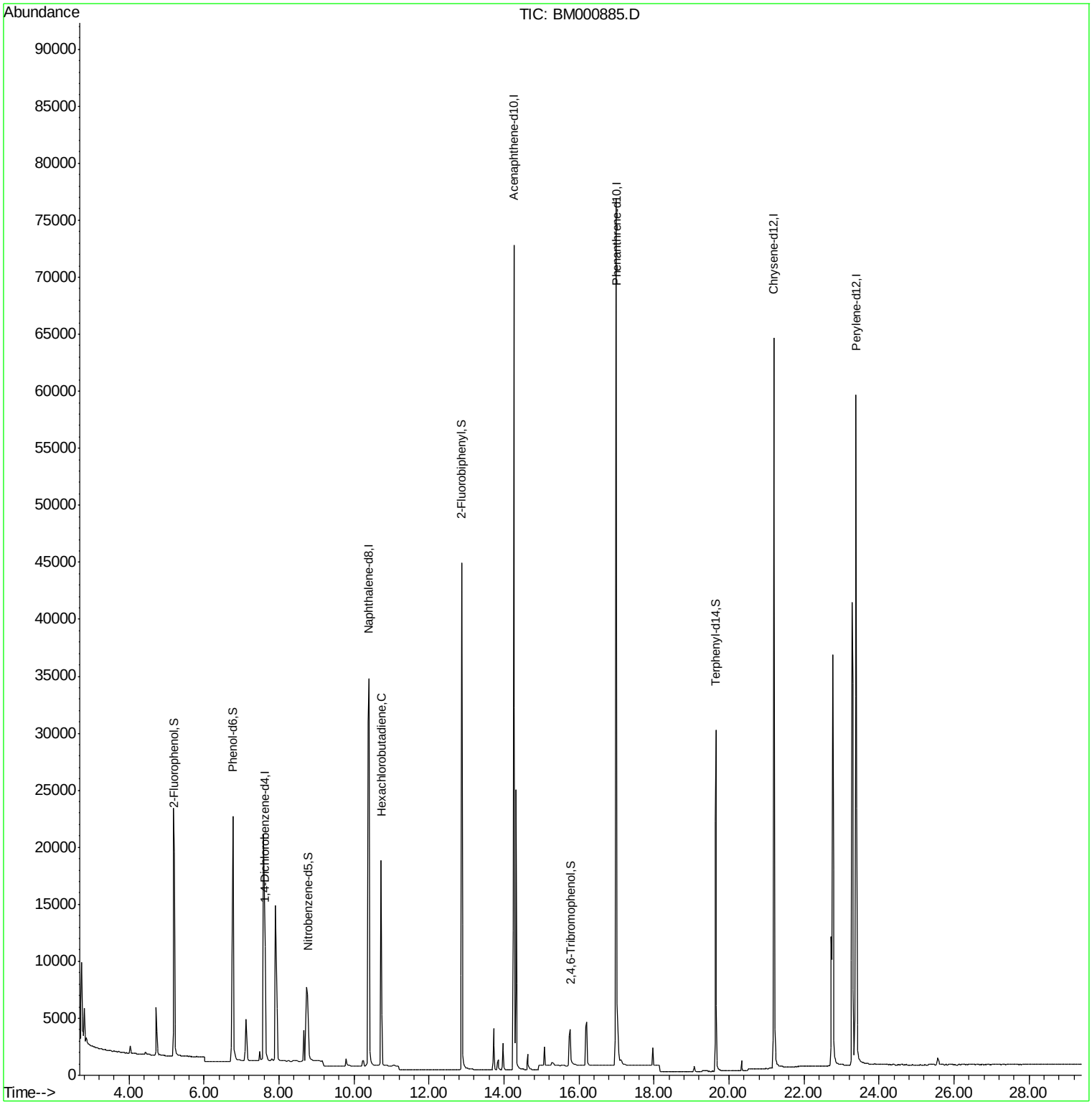
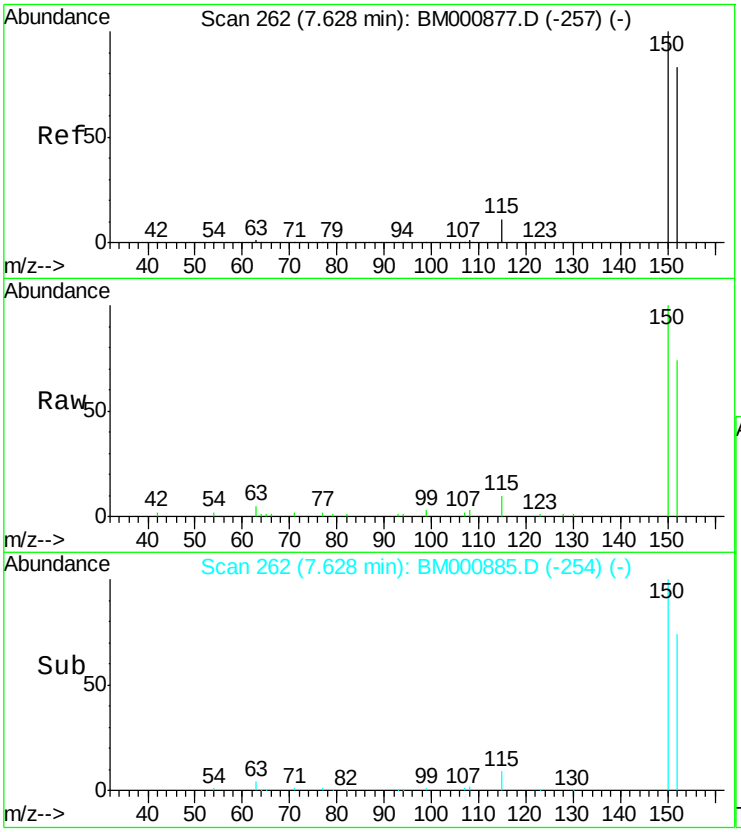


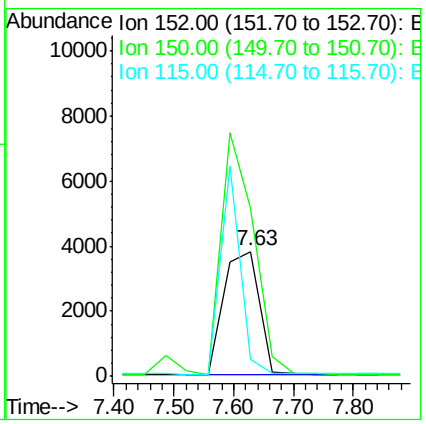


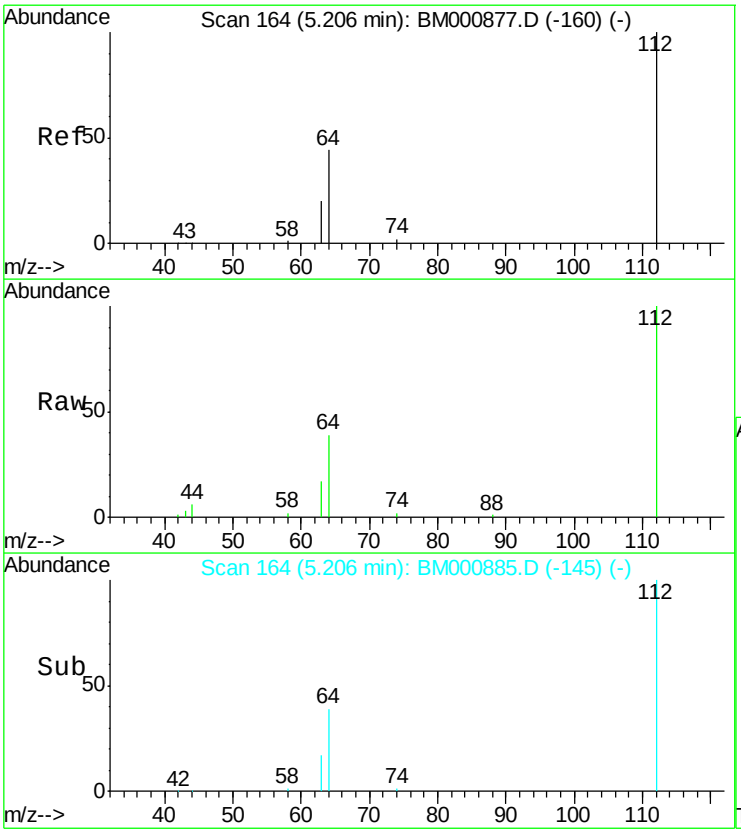
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:152 Resp: 15765

Ion	Ratio	Lower	Upper
152	100		
150	135.1	96.5	144.7
115	14.2	11.9	17.9

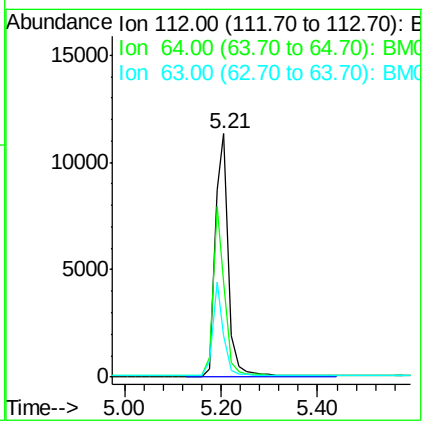


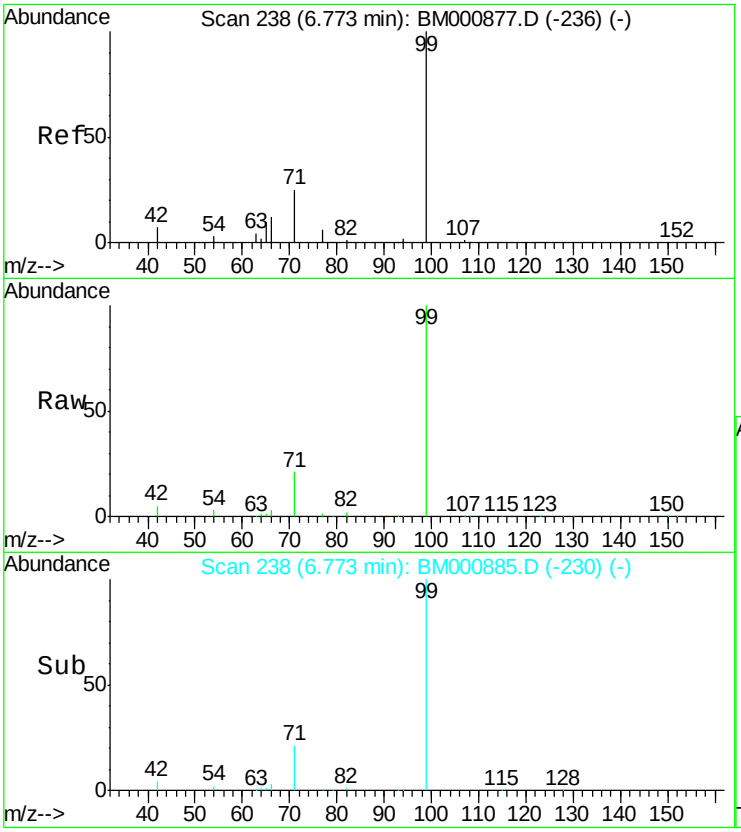


#4
2-Fluorophenol
Concen: 4.11 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:112 Resp: 21742

Ion	Ratio	Lower	Upper
112	100		
64	39.0	35.7	53.5
63	17.0	17.0	25.4



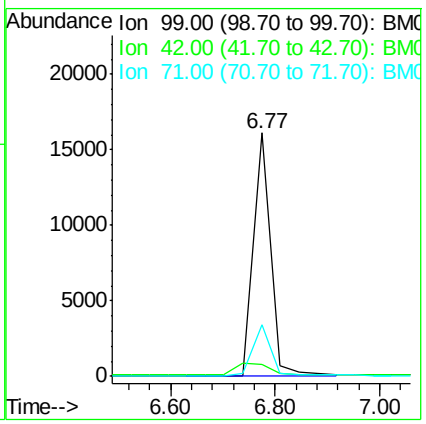


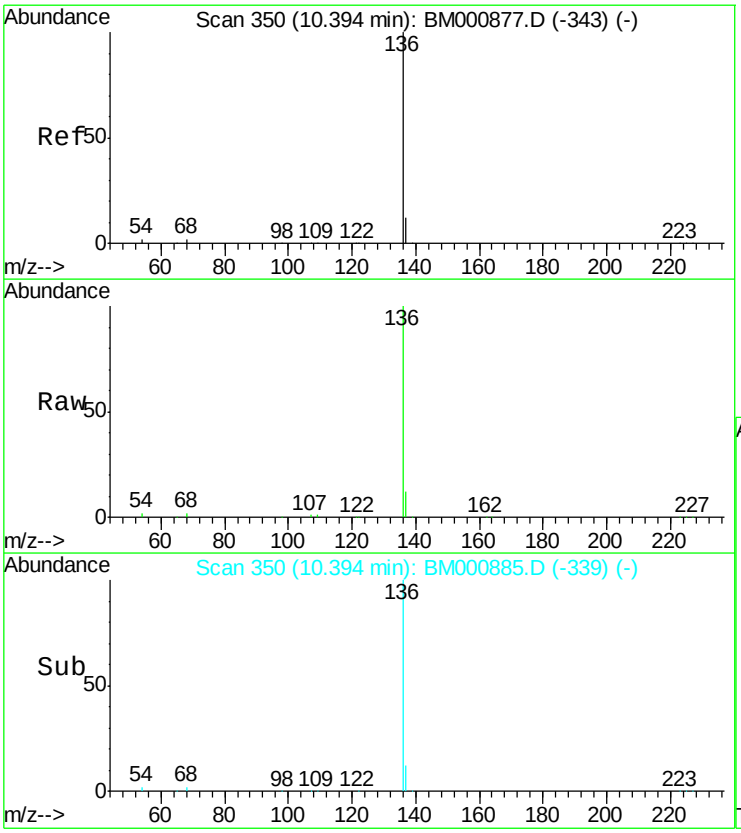
#5
Phenol-d6
Concen: 3.53 ng
RT: 6.77 min Scan# 238
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion: 99 Resp: 36737

Ion	Ratio	Lower	Upper
99	100		
42	4.9	7.5	11.3#
71	21.4	21.3	31.9

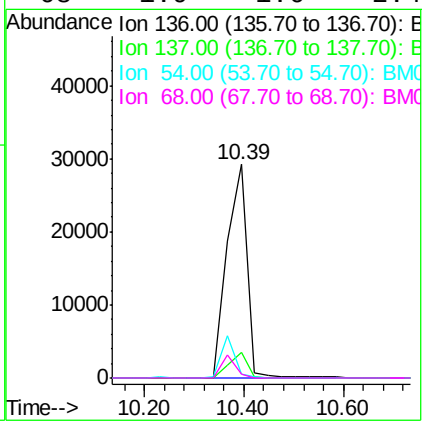


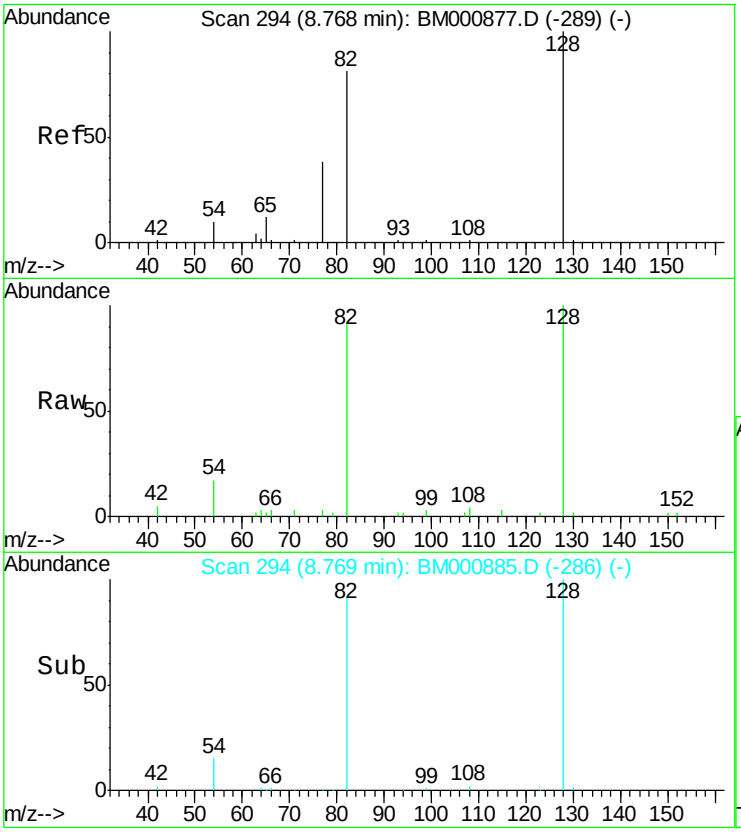


#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 350
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:136 Resp: 80448

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	1.8	1.5	2.3
68	1.9	1.6	2.4



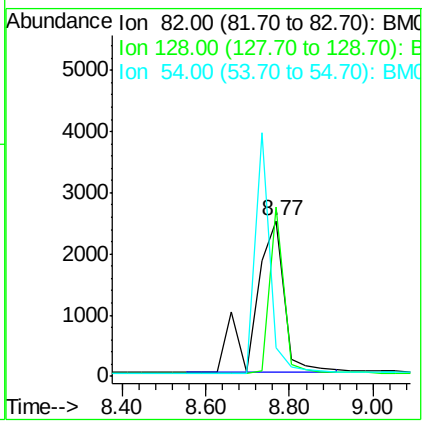


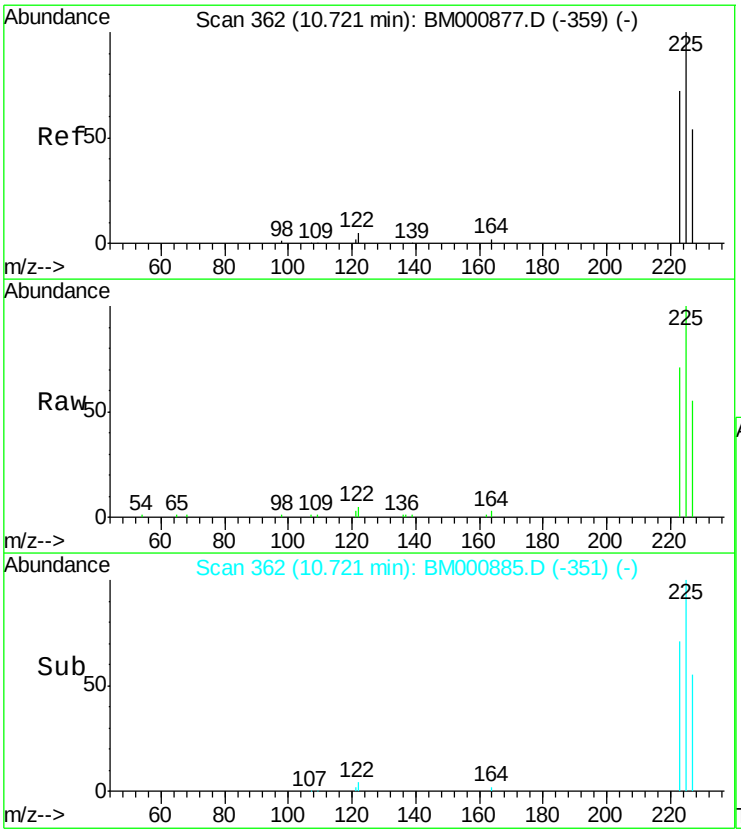
#12
Nitrobenzene-d5
Concen: 3.06 ng
RT: 8.77 min Scan# 294
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion: 82 Resp: 12295

Ion	Ratio	Lower	Upper
82	100		
128	108.8	96.2	144.2
54	18.4	15.0	22.6

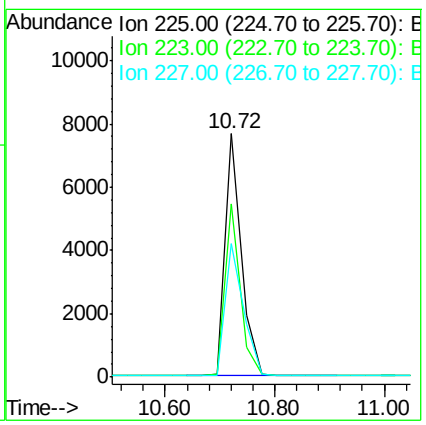


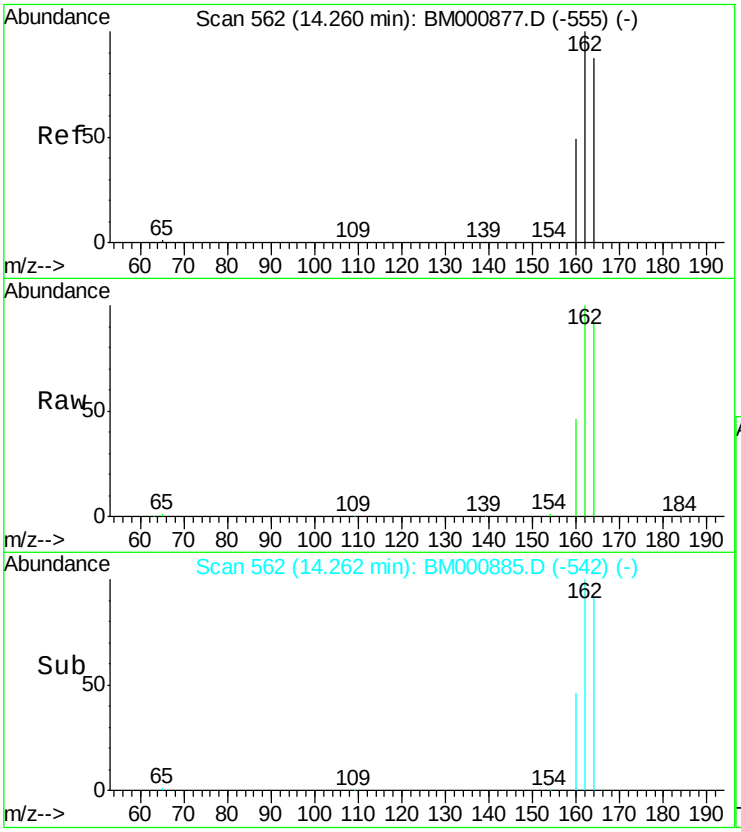


#17
Hexachlorobutadiene
Concen: 4.32 ng
RT: 10.72 min Scan# 362
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:225 Resp: 15821

Ion	Ratio	Lower	Upper
225	100		
223	71.2	58.3	87.5
227	54.9	44.5	66.7



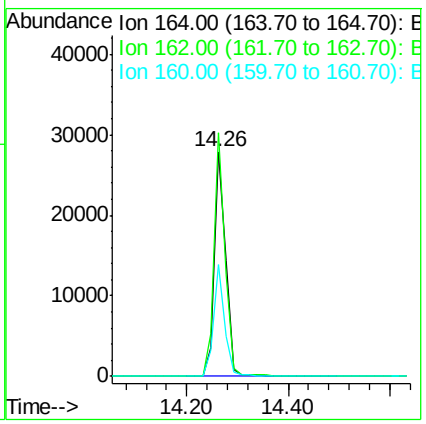


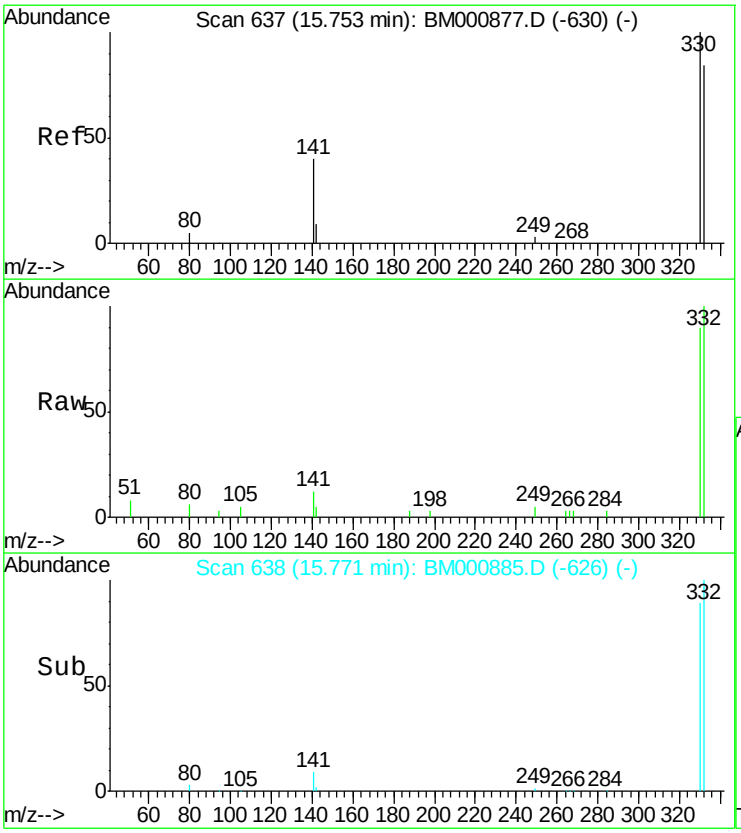
#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:164 Resp: 43900

Ion	Ratio	Lower	Upper
164	100		
162	108.2	91.8	137.6
160	49.9	44.6	67.0

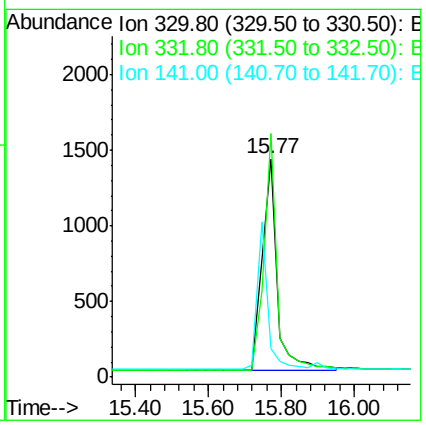


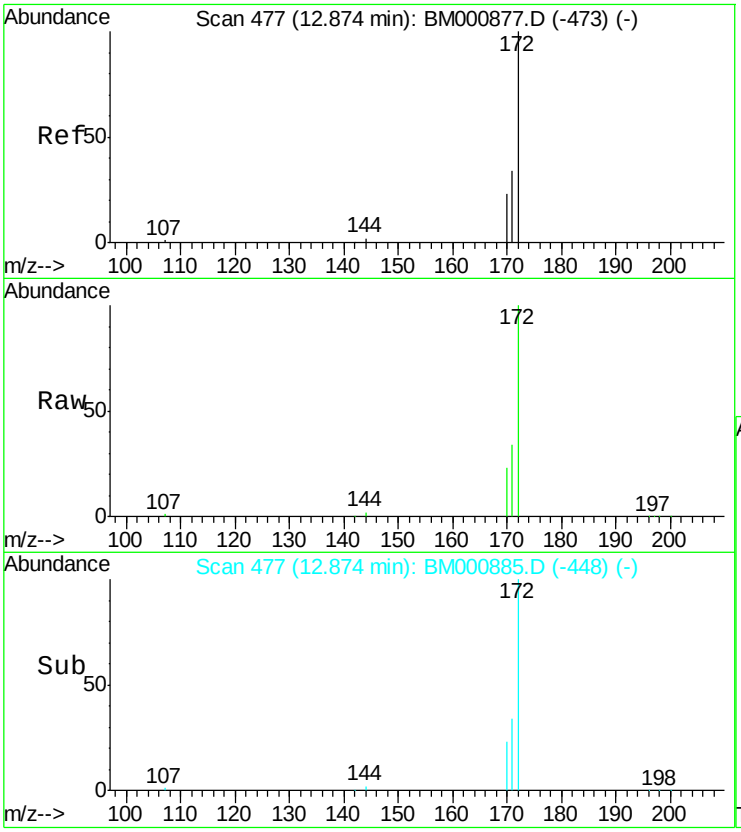


#20
2,4,6-Tribromophenol
Concen: 2.41 ng
RT: 15.77 min Scan# 638
Delta R.T. 0.02 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:330 Resp: 4015

Ion	Ratio	Lower	Upper
330	100		
332	98.1	72.6	109.0
141	0.0	29.8	44.6#



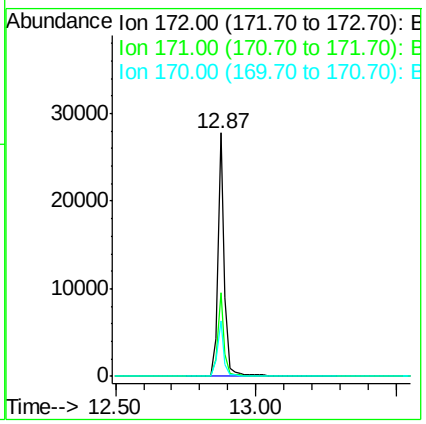


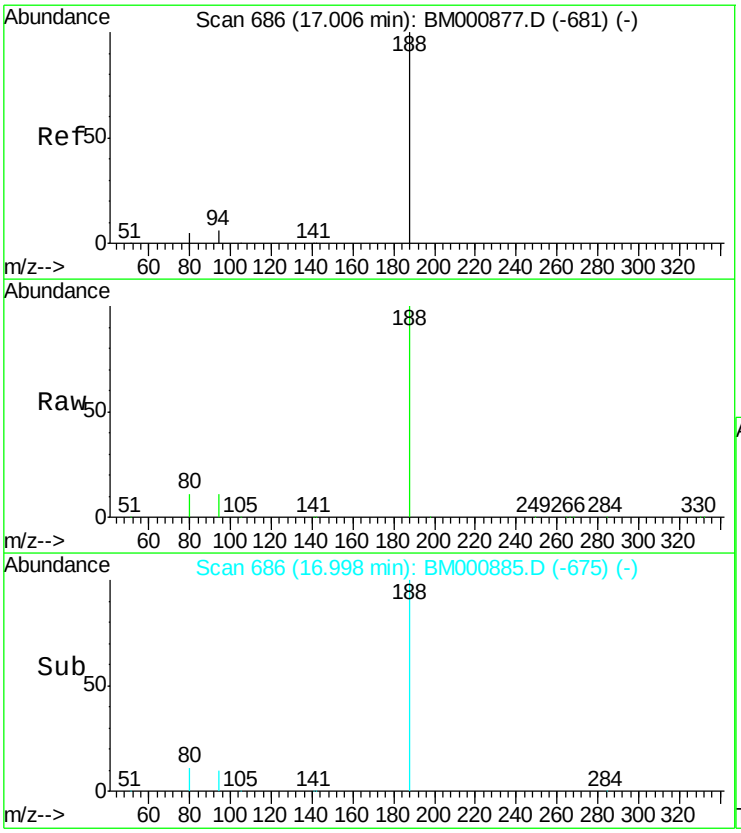
#23
2-Fluorobiphenyl
Concen: 3.30 ng
RT: 12.87 min Scan# 477
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:172 Resp: 44616

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.8
170	22.7	19.0	28.6

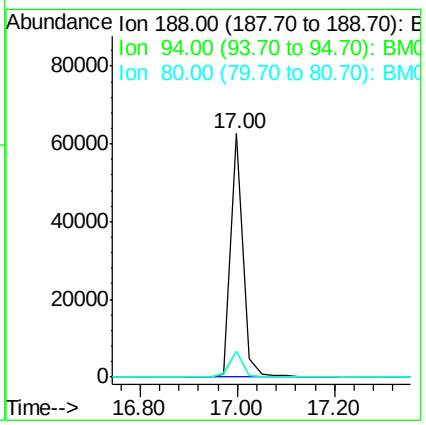


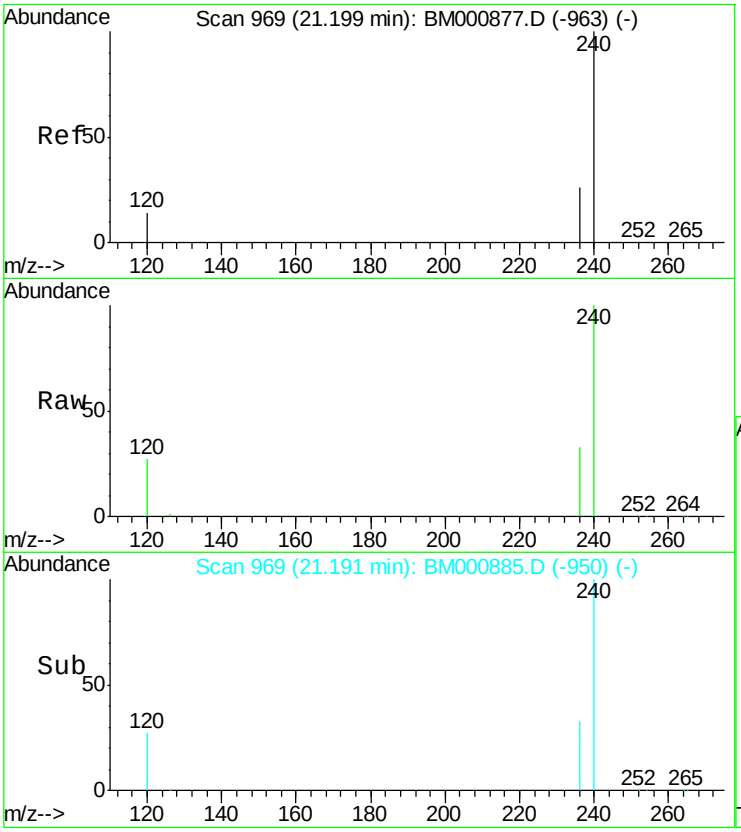


#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.01 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:188 Resp: 107158

Ion	Ratio	Lower	Upper
188	100		
94	10.5	4.9	7.3#
80	10.7	4.4	6.6#



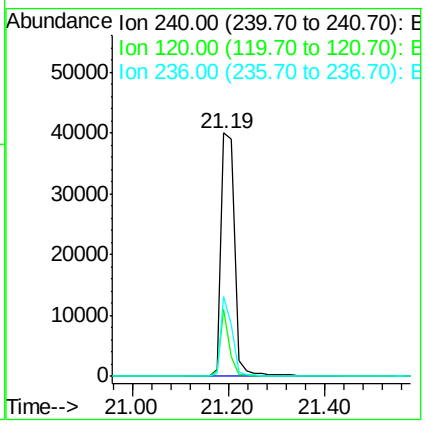


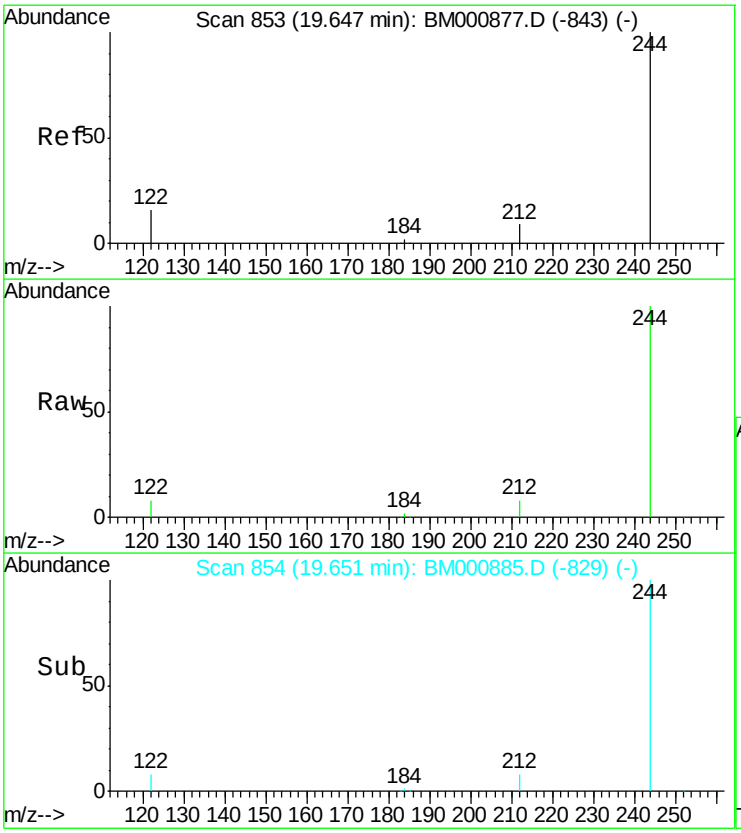
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.19 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:240 Resp: 79431

Ion	Ratio	Lower	Upper
240	100		
120	27.3	11.1	16.7#
236	32.7	20.9	31.3#

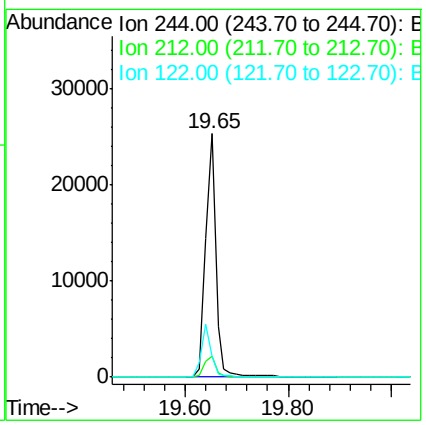


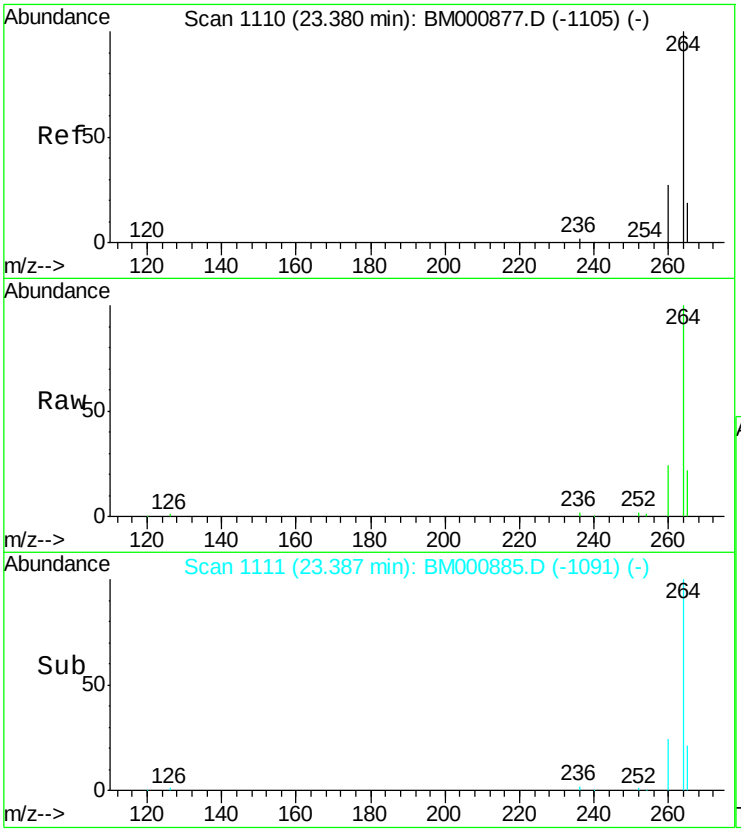


#32
Terphenyl-d14
Concen: 3.54 ng
RT: 19.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Tgt Ion:244 Resp: 34727

Ion	Ratio	Lower	Upper
244	100		
212	8.5	8.1	12.1
122	8.5	13.6	20.4#





#34
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BM000885.D
Acq: 07 Apr 2015 18:13

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL2

Tgt Ion:264 Resp: 75916

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.6	32.4
265	21.9	16.1	24.1