Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
Data File : BE089836.D
Acq On : 25 Mar 2015 7:37
Operator : TP/JJ
Sample : G1575-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FB-031815

Quant Time: Mar 25 17:23:43 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 16:20:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1098580	5.00	ng	0.00
4) Naphthalene-d8	10.26	136	3879816	5.00	ng	0.00
8) Acenaphthene-d10	14.40	164	1742444	5.00	ng	0.01
13) Phenanthrene-d10	17.93	188	2873957	5.00	ng	0.00
19) Chrysene-d12	24.28	240	2548431	5.00	ng	0.02
25) Perylene-d12	27.43	264	2378396	5.00	ng	0.02
System Monitoring Compounds						
5) Nitrobenzene-d5	8.71	82	8582884	29.66	ng	0.03
9) 2-Fluorobiphenyl	12.88	172	11200447	27.47	ng	0.03
21) Terphenyl-d14	21.90	244	10839468	28.83	ng	0.04
Target Compounds						Qvalue
6) Naphthalene	10.31	128	18006	0.02	ng	96

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

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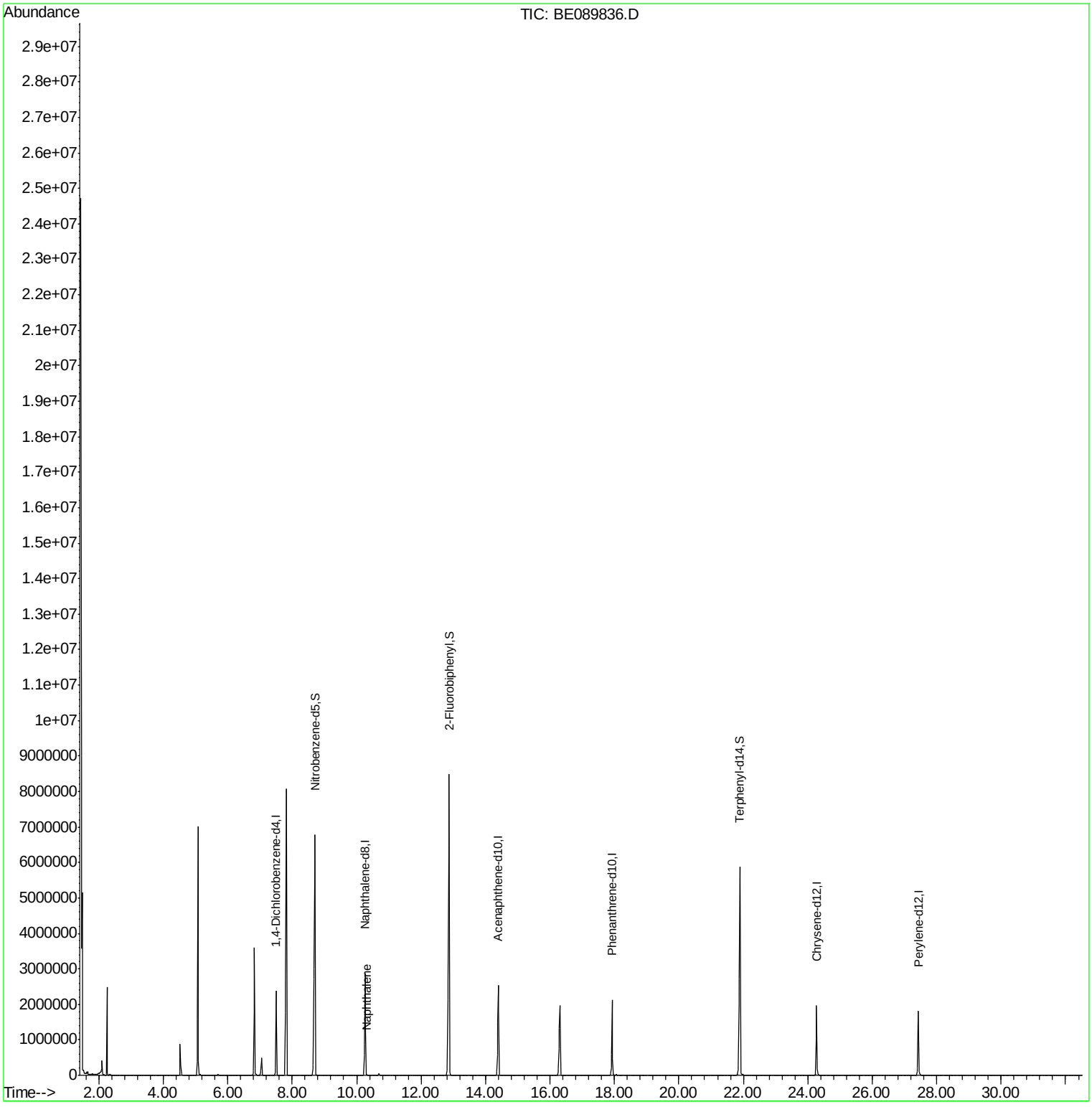
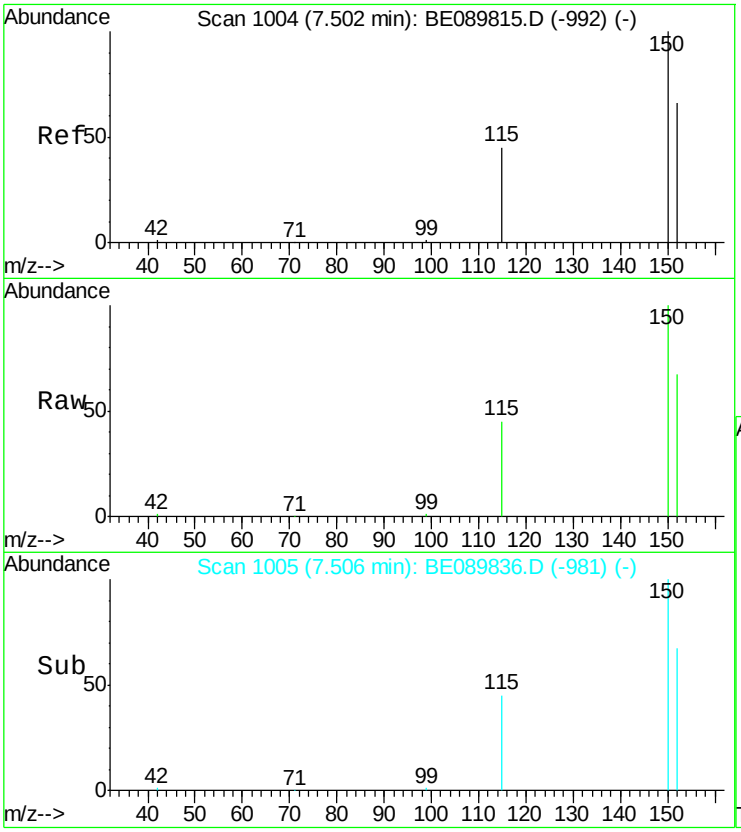


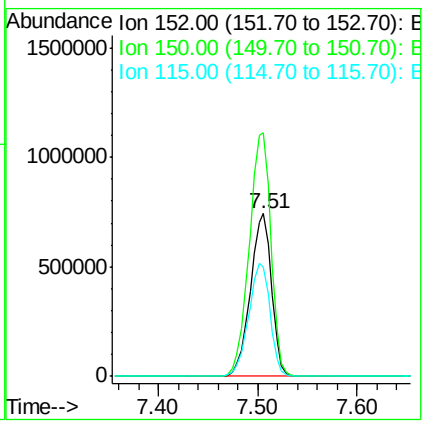


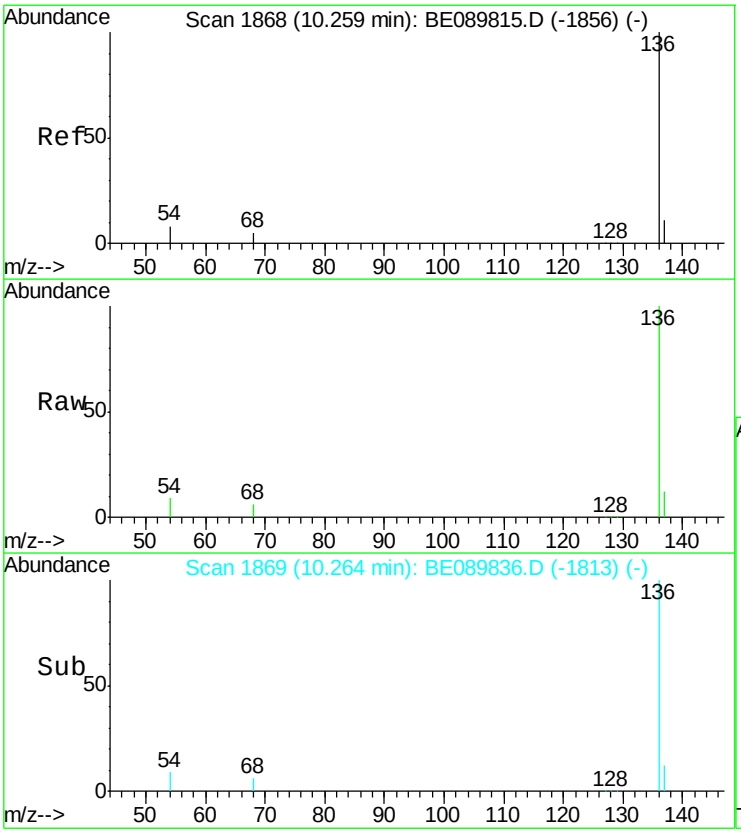
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.51 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BE089836.D
Acq: 25 Mar 2015 7:37

Instrument :
BNA_E
ClientSampleId :
FB-031815

Tgt Ion:152 Resp: 1098580

Ion	Ratio	Lower	Upper
152	100		
150	149.7	125.5	188.3
115	67.4	58.0	87.0

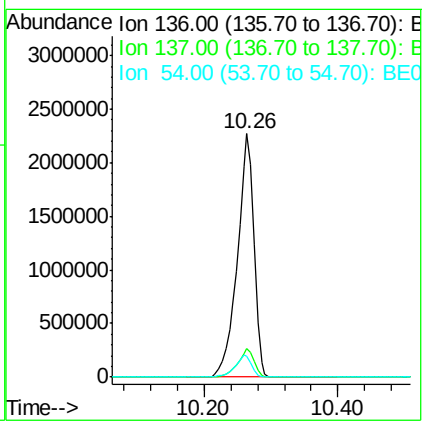


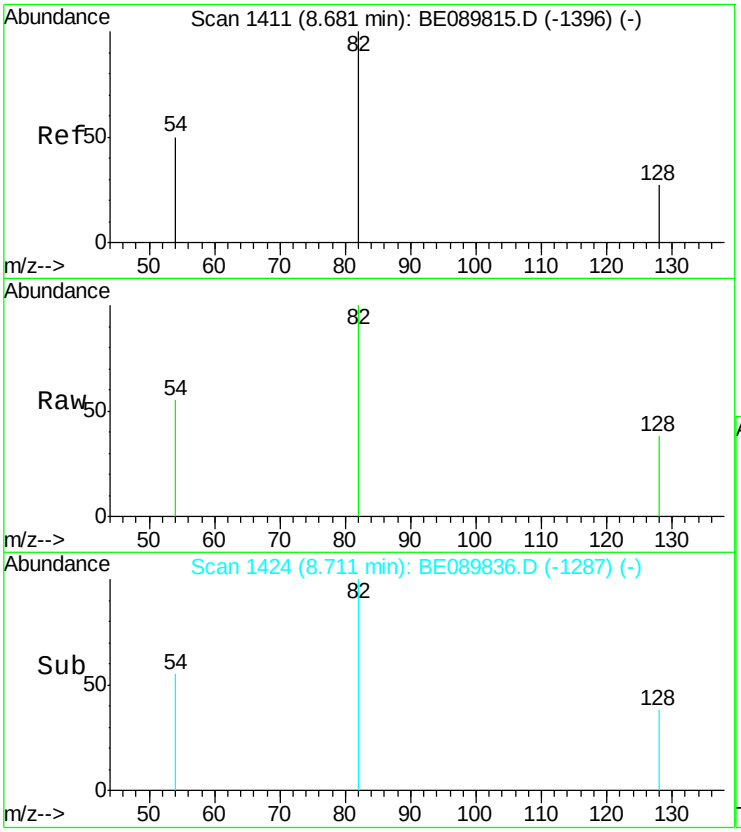


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 1869
Delta R.T. 0.01 min
Lab File: BE089836.D
Acq: 25 Mar 2015 7:37

Tgt Ion:136 Resp: 3879816

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.8	13.2
54	8.7	7.0	10.4



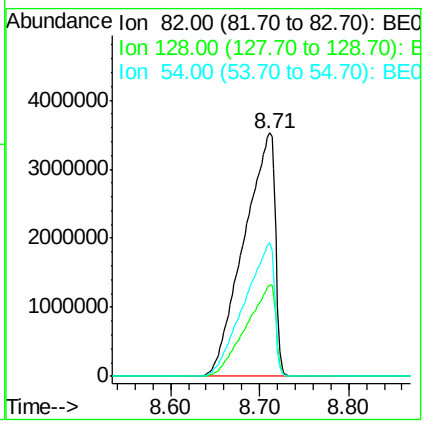


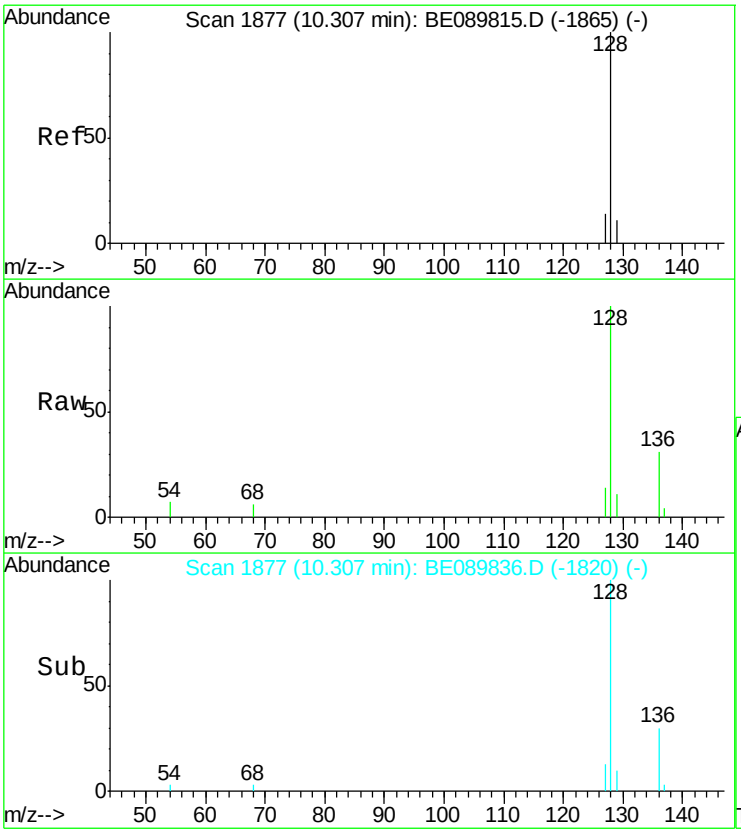
#5
Nitrobenzene-d5
Concen: 29.66 ng
RT: 8.71 min Scan# 1424
Delta R.T. 0.03 min
Lab File: BE089836.D
Acq: 25 Mar 2015 7:37

Instrument :
BNA_E
ClientSampleId :
FB-031815

Tgt Ion: 82 Resp: 8582884

Ion	Ratio	Lower	Upper
82	100		
128	37.6	24.6	37.0#
54	54.8	43.0	64.6

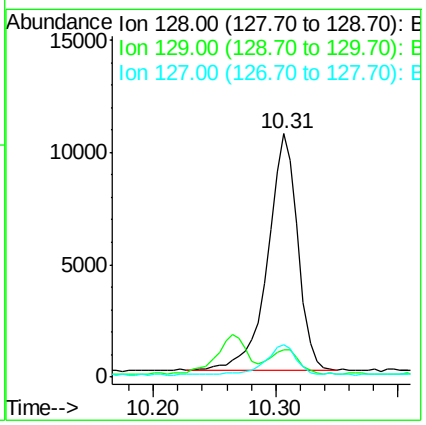


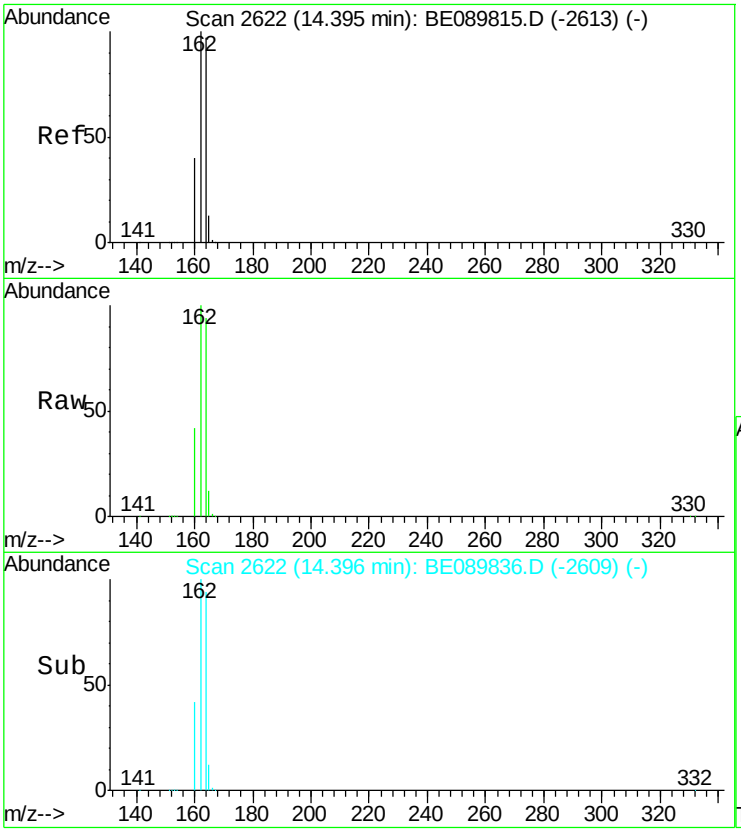


#6
Naphthalene
Concen: 0.02 ng
RT: 10.31 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BE089836.D
Acq: 25 Mar 2015 7:37

Tgt Ion:128 Resp: 18006

Ion	Ratio	Lower	Upper
128	100		
129	11.4	10.0	15.0
127	13.5	12.5	18.7



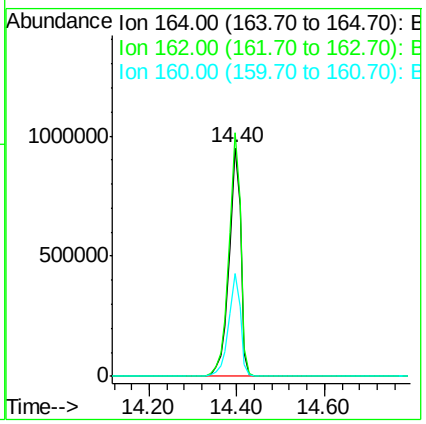


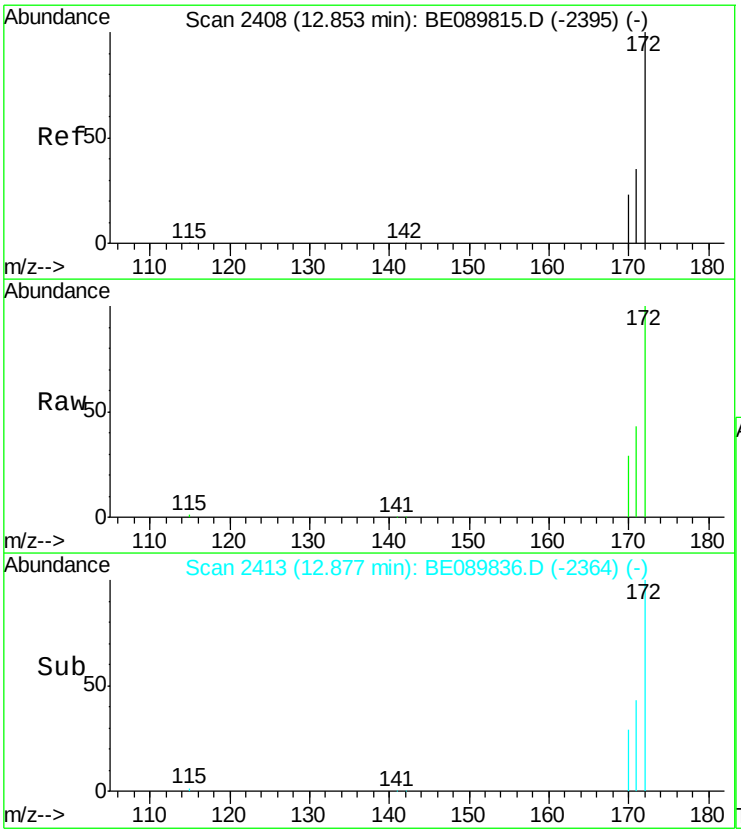
#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 2622
Delta R.T. 0.01 min
Lab File: BE089836.D
Acq: 25 Mar 2015 7:37

Instrument :
BNA_E
ClientSampleId :
FB-031815

Tgt Ion:164 Resp: 1742444

Ion	Ratio	Lower	Upper
164	100		
162	106.6	87.6	131.4
160	45.0	36.7	55.1

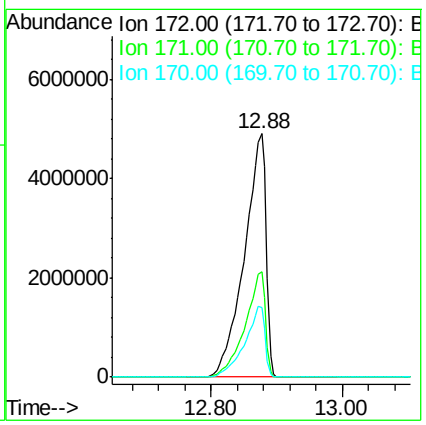


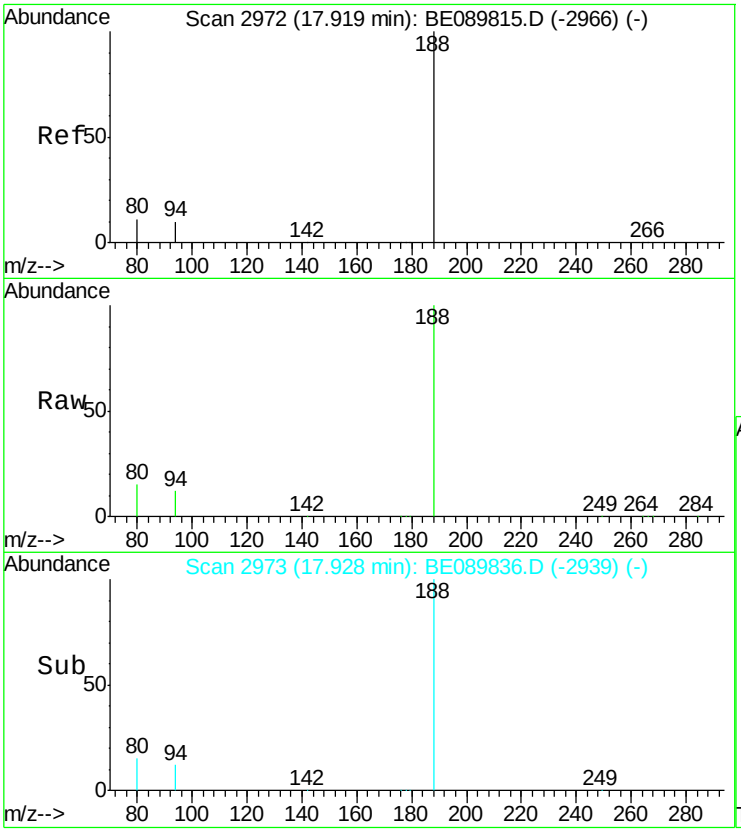


#9
2-Fluorobiphenyl
Concen: 27.47 ng
RT: 12.88 min Scan# 2413
Delta R.T. 0.03 min
Lab File: BE089836.D
Acq: 25 Mar 2015 7:37

Tgt Ion:172 Resp:11200447

Ion	Ratio	Lower	Upper
172	100		
171	43.4	30.8	46.2
170	28.7	21.0	31.4



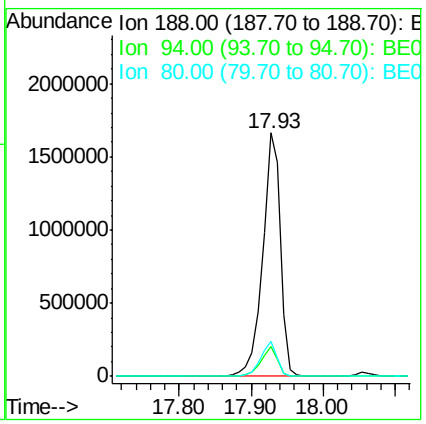


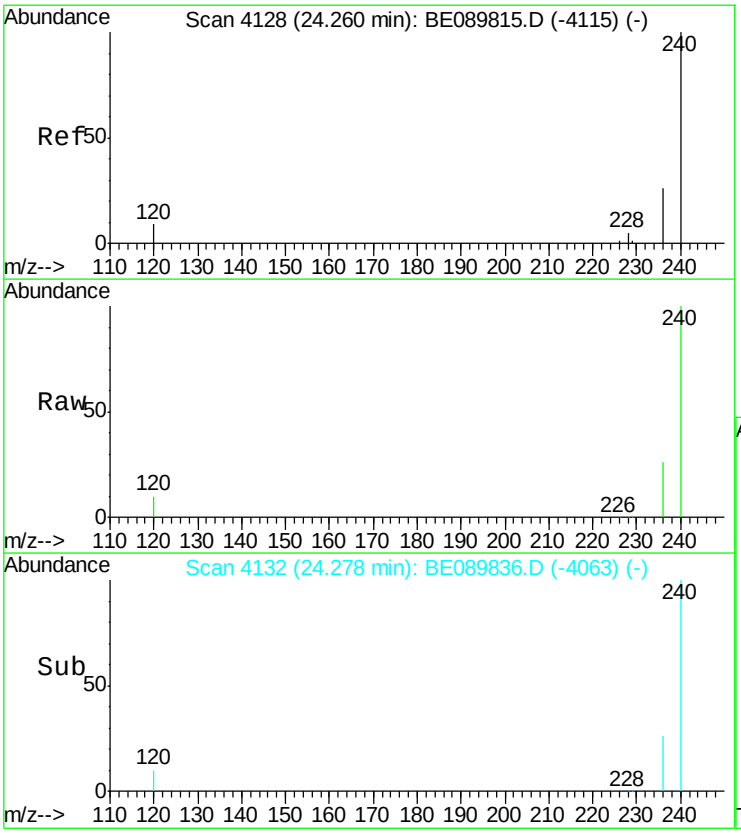
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.93 min Scan# 2973
Delta R.T. 0.01 min
Lab File: BE089836.D
Acq: 25 Mar 2015 7:37

Instrument :
BNA_E
ClientSampleId :
FB-031815

Tgt Ion:188 Resp: 2873957

Ion	Ratio	Lower	Upper
188	100		
94	12.3	8.5	12.7
80	14.6	10.0	15.0

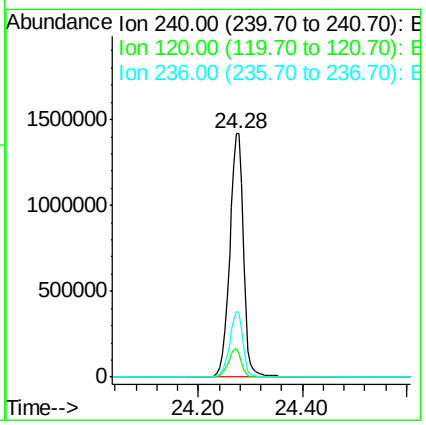


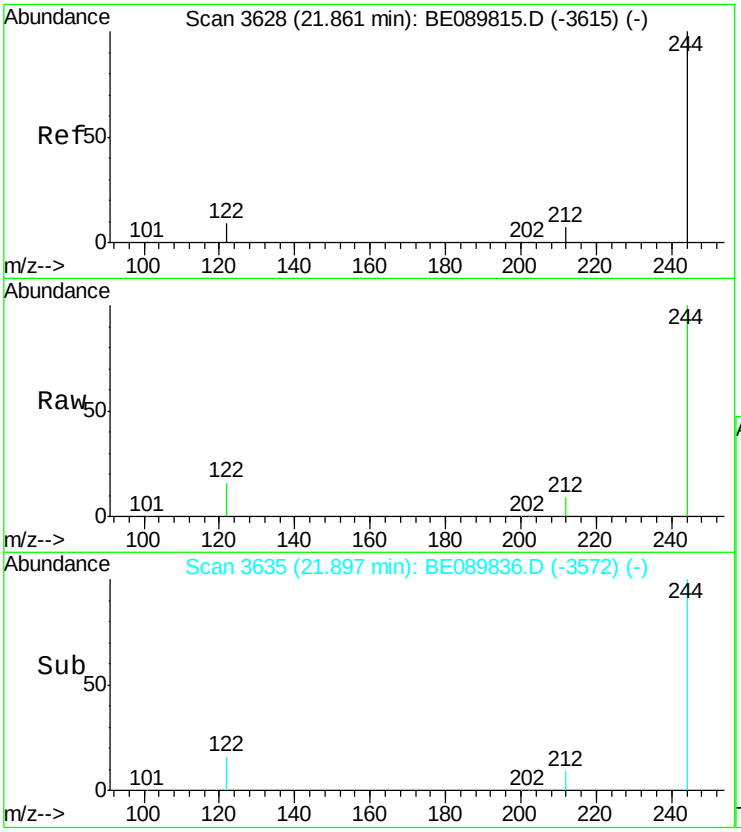


#19
Chrysene-d12
Concen: 5.00 ng
RT: 24.28 min Scan# 4132
Delta R.T. 0.02 min
Lab File: BE089836.D
Acq: 25 Mar 2015 7:37

Tgt Ion:240 Resp: 2548431

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.5	11.3
236	26.5	20.5	30.7



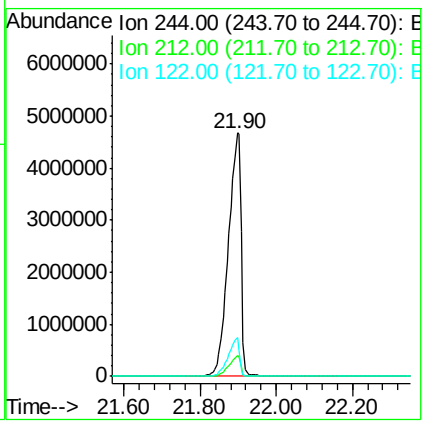


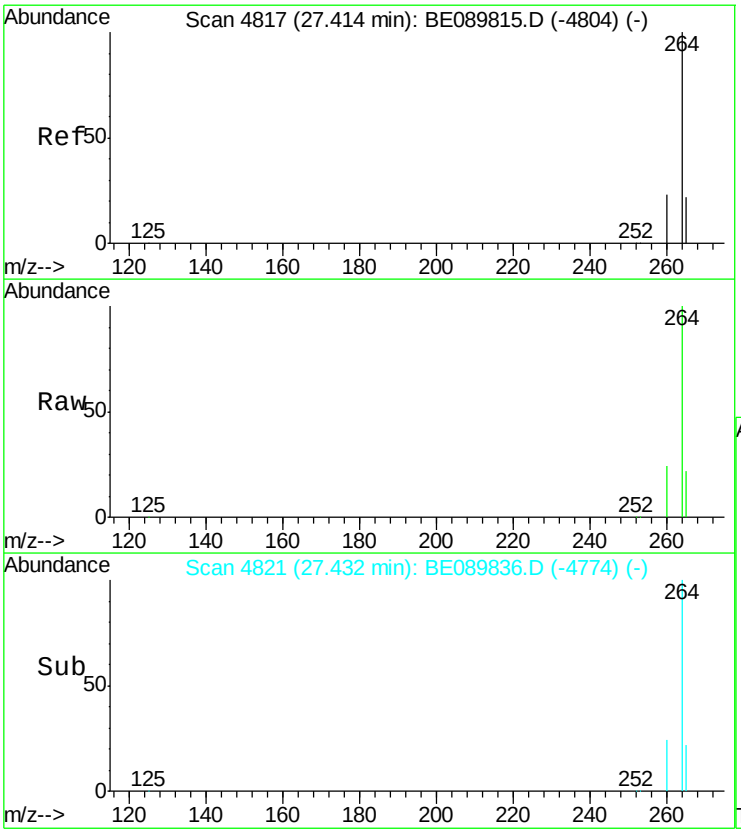
#21
Terphenyl-d14
Concen: 28.83 ng
RT: 21.90 min Scan# 3635
Delta R.T. 0.04 min
Lab File: BE089836.D
Acq: 25 Mar 2015 7:37

Instrument :
BNA_E
ClientSampleId :
FB-031815

Tgt Ion:244 Resp:10839468

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.3	10.9
122	15.9	10.5	15.7#





#25
Perylene-d12
Concen: 5.00 ng
RT: 27.43 min Scan# 4821
Delta R.T. 0.02 min
Lab File: BE089836.D
Acq: 25 Mar 2015 7:37

Tgt Ion:264 Resp: 2378396

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.2
265	22.3	17.3	25.9