Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032515\
Data File : BE089849.D
Acq On : 25 Mar 2015 22:50
Operator : TP/JJ
Sample : G1575-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-14

Quant Time: Mar 26 06:53:02 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	7.50	152	225462	5.00	ng		0.00
4) Naphthalene-d8	10.26	136	891247	5.00	ng		0.00
8) Acenaphthene-d10	14.40	164	378626	5.00	ng		0.01
13) Phenanthrene-d10	17.93	188	628286	5.00	ng		0.00
19) Chrysene-d12	24.27	240	565307	5.00	ng		0.00
25) Perylene-d12	27.42	264	529688	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.68	82	493939	7.62	ng		0.00
9) 2-Fluorobiphenyl	12.86	172	747270	8.43	ng		0.00
21) Terphenyl-d14	21.87	244	722123	8.66	ng		0.01
Target Compounds							Qvalue
6) Naphthalene	10.31	128	11096	0.06	ng		95
16) Phenanthrene	17.98	178	3111	0.02	ng	#	90
18) Fluoranthene	20.83	202	5727	0.05	ng	#	94
20) Pyrene	21.35	202	5052	0.04	ng	#	94

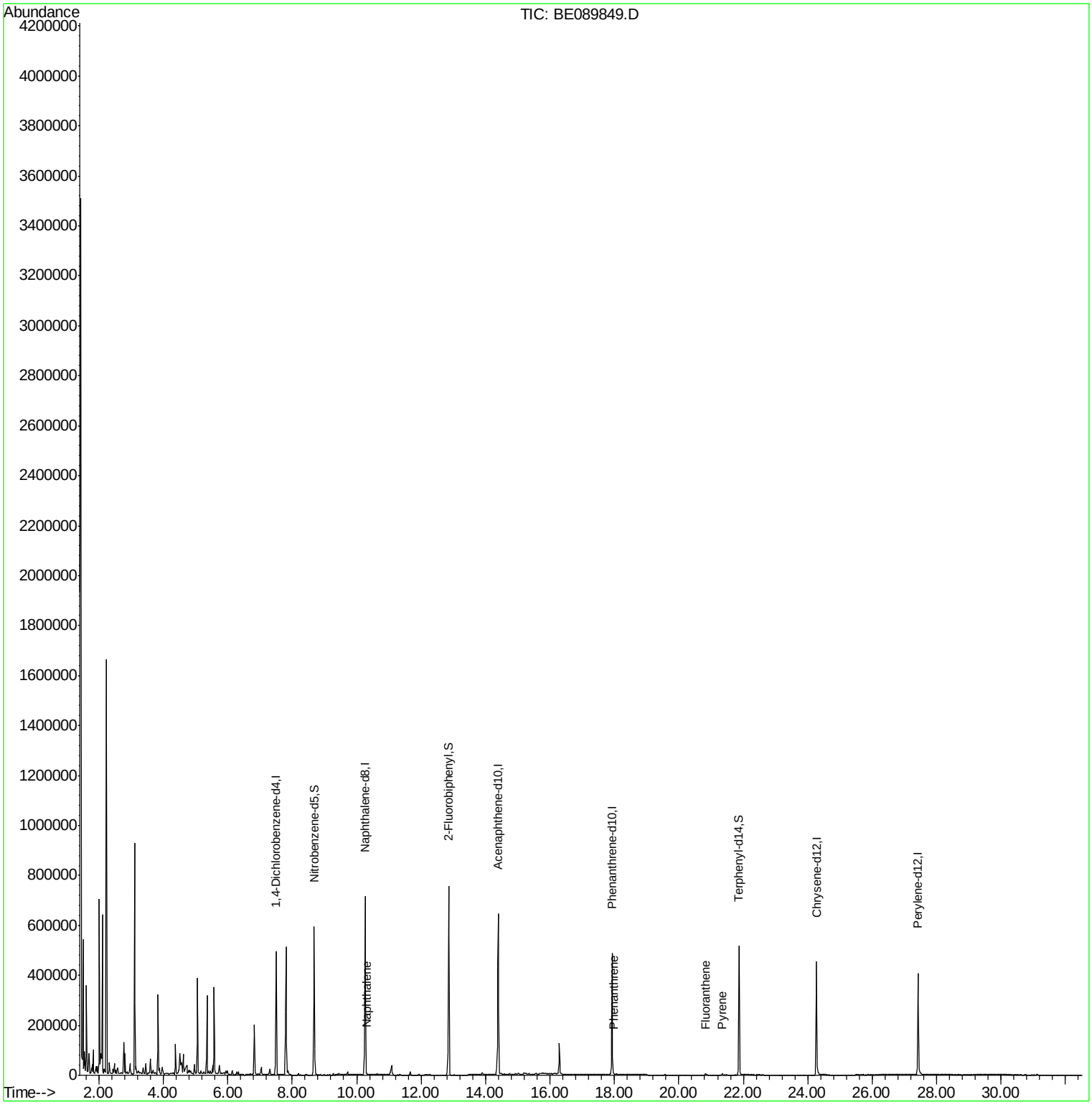
(#) = qualifier out of range (m) = manual integration (+) = signals summed

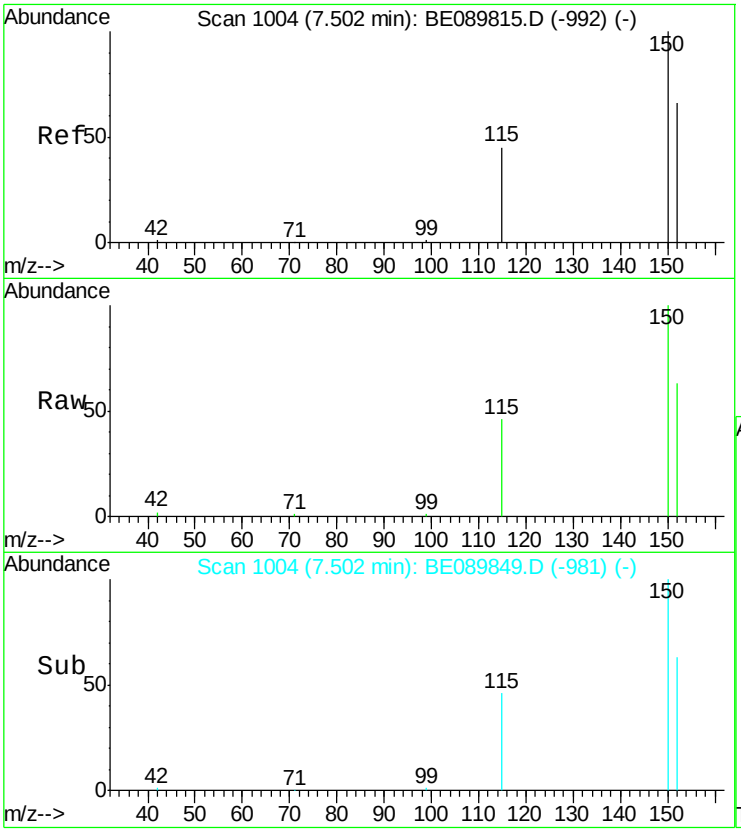
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032515\
Data File : BE089849.D
Acq On : 25 Mar 2015 22:50
Operator : TP/JJ
Sample : G1575-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW-14

Quant Time: Mar 26 06:53:02 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



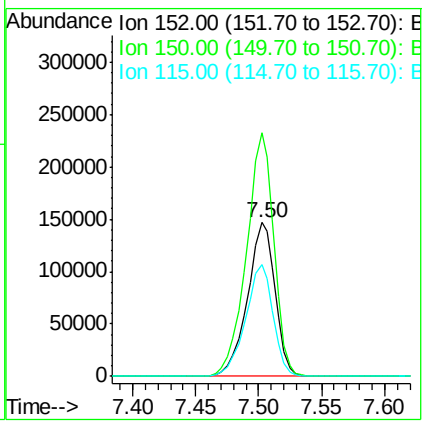


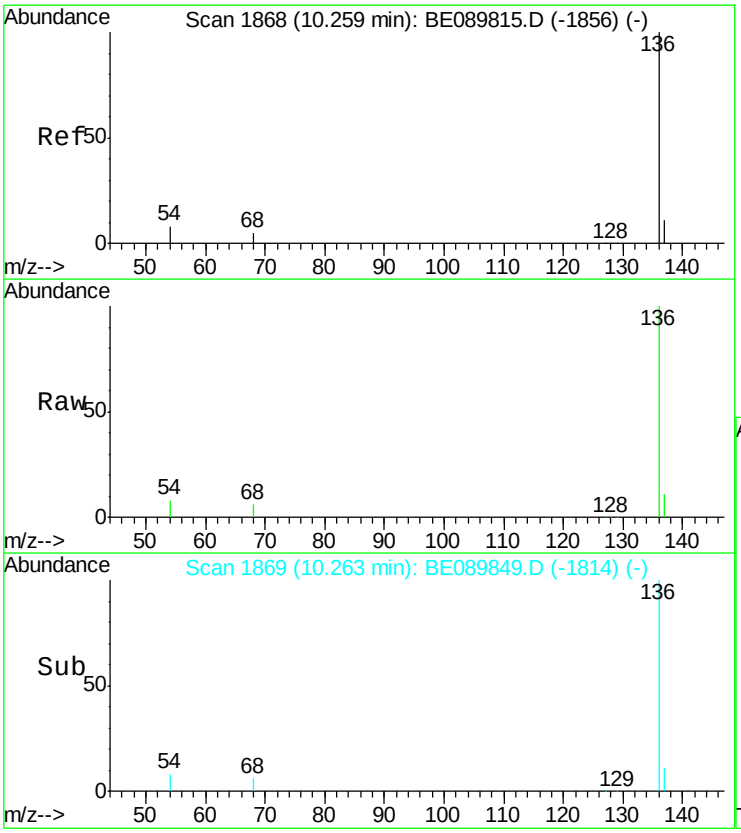
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.50 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE089849.D
Acq: 25 Mar 2015 22:50

Instrument :
BNA_E
ClientSampleId :
MW-14

Tgt Ion:152 Resp: 225462

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.5	188.3
115	73.2	58.0	87.0

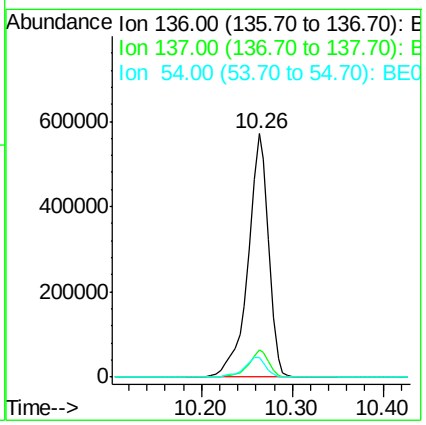


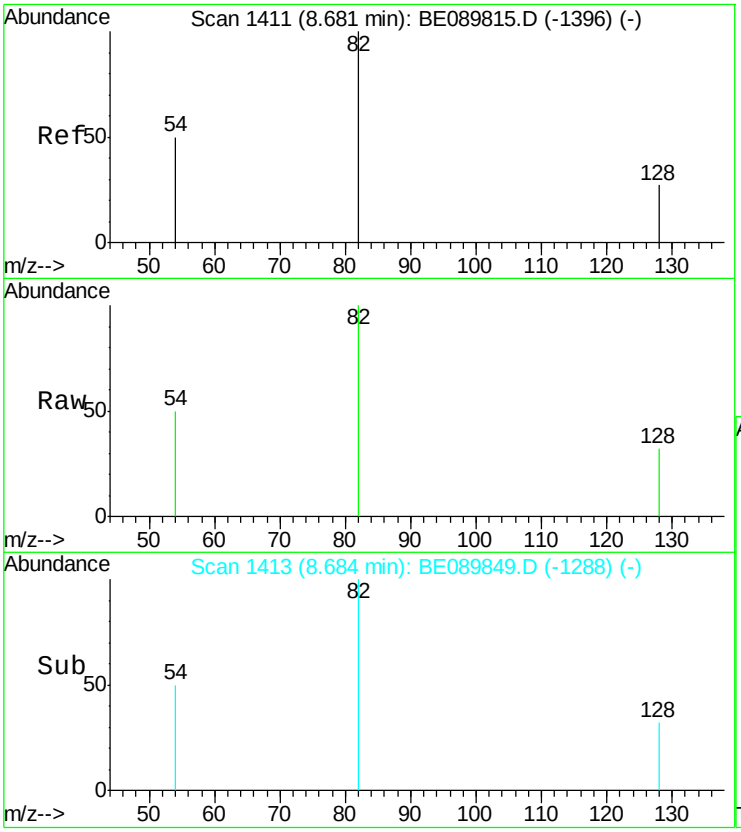


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 1869
Delta R.T. 0.01 min
Lab File: BE089849.D
Acq: 25 Mar 2015 22:50

Tgt Ion:136 Resp: 891247

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.3	7.0	10.4



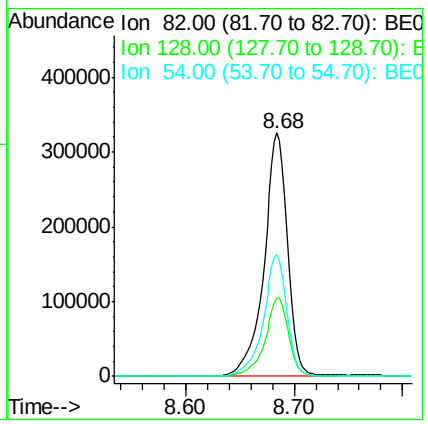


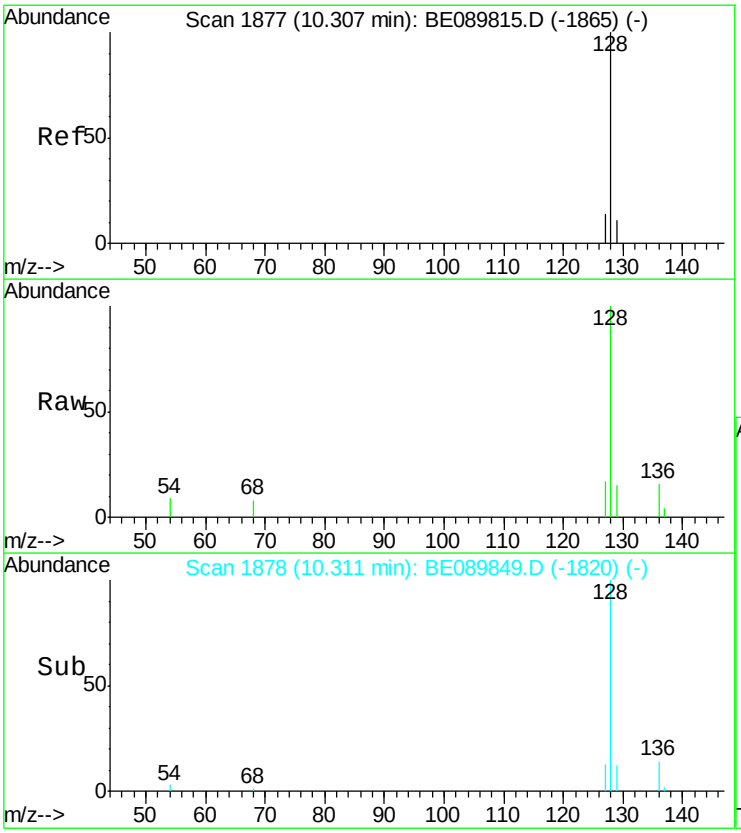
#5
Nitrobenzene-d5
Concen: 7.62 ng
RT: 8.68 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BE089849.D
Acq: 25 Mar 2015 22:50

Instrument :
BNA_E
ClientSampleId :
MW-14

Tgt Ion: 82 Resp: 493939

Ion	Ratio	Lower	Upper
82	100		
128	32.4	24.6	37.0
54	50.0	43.0	64.6

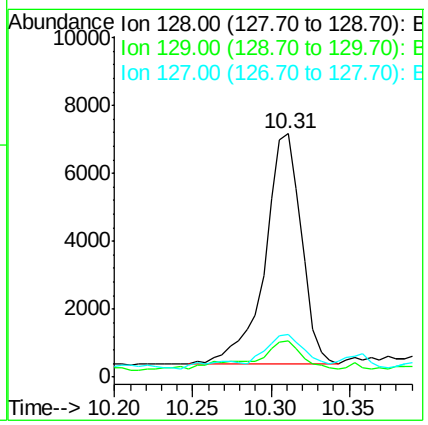


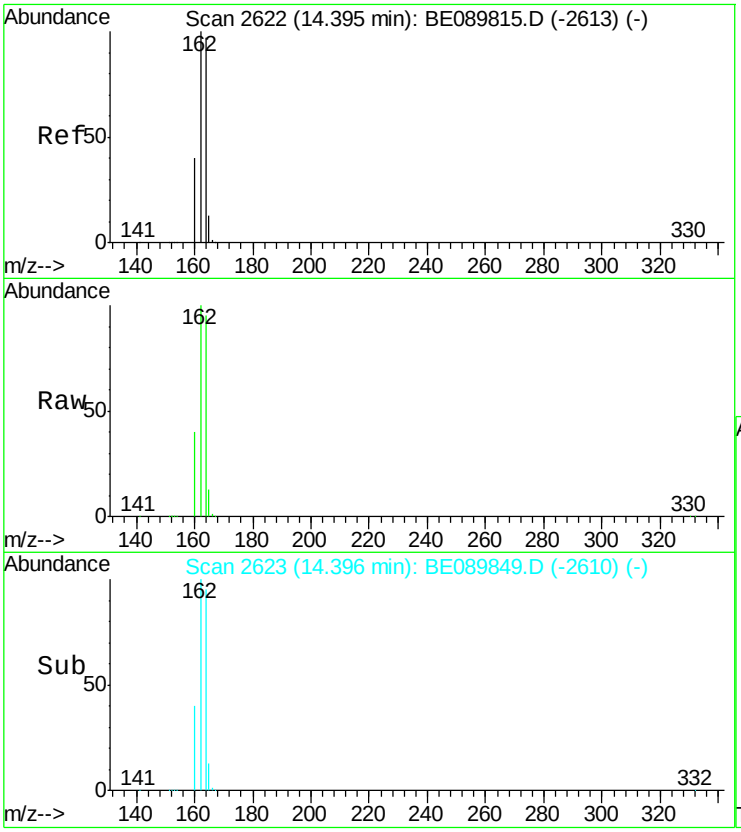


#6
Naphthalene
Concen: 0.06 ng
RT: 10.31 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BE089849.D
Acq: 25 Mar 2015 22:50

Tgt Ion:128 Resp: 11096

Ion	Ratio	Lower	Upper
128	100		
129	14.7	10.0	15.0
127	17.3	12.5	18.7



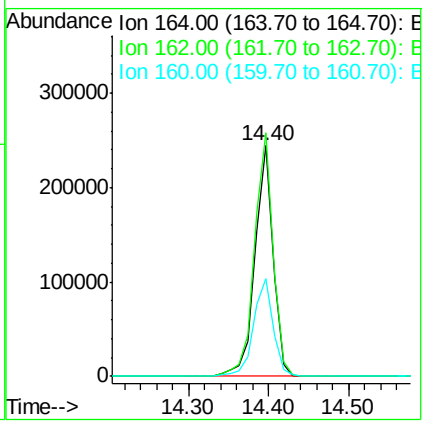


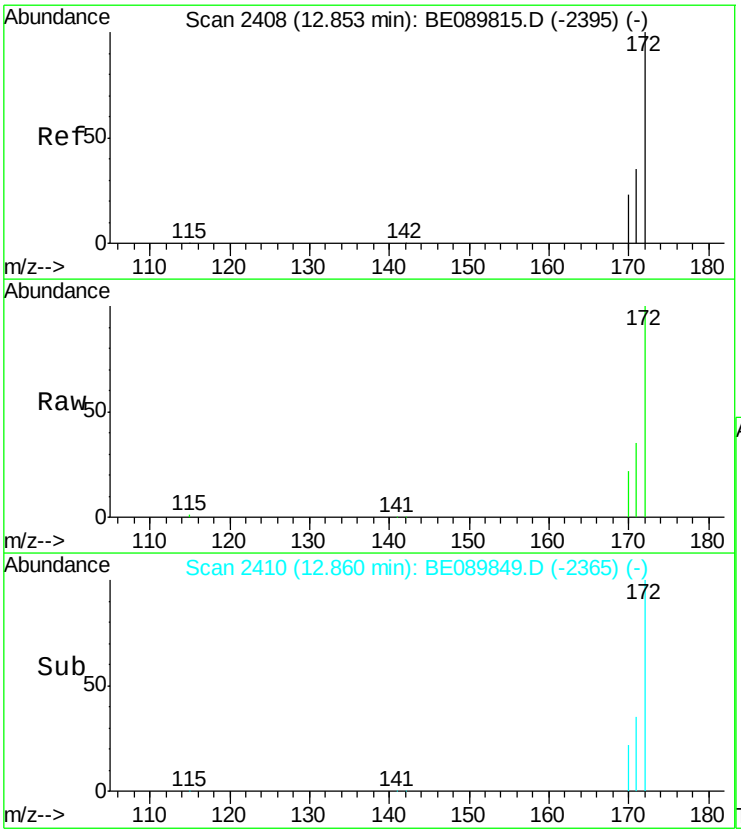
#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 2623
Delta R.T. 0.01 min
Lab File: BE089849.D
Acq: 25 Mar 2015 22:50

Instrument :
BNA_E
ClientSampleId :
MW-14

Tgt Ion:164 Resp: 378626

Ion	Ratio	Lower	Upper
164	100		
162	105.5	87.6	131.4
160	42.3	36.7	55.1

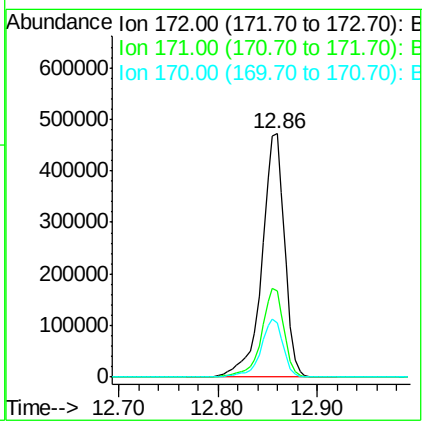


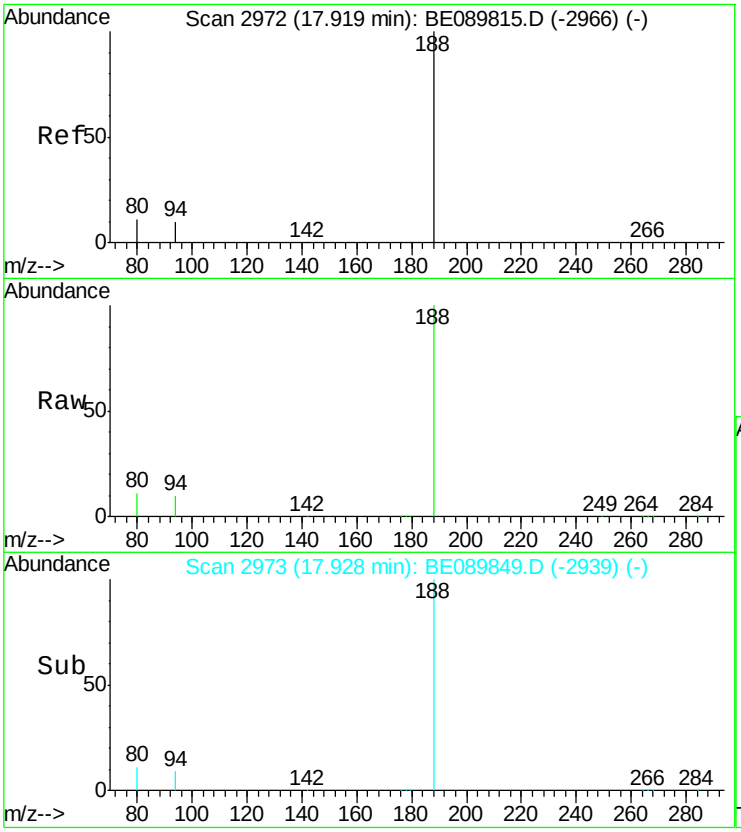


#9
2-Fluorobiphenyl
Concen: 8.43 ng
RT: 12.86 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BE089849.D
Acq: 25 Mar 2015 22:50

Tgt Ion:172 Resp: 747270

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.8	46.2
170	22.3	21.0	31.4



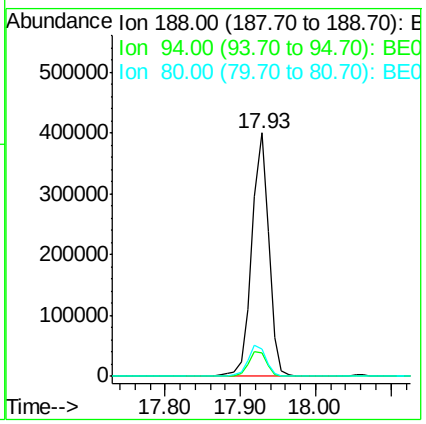


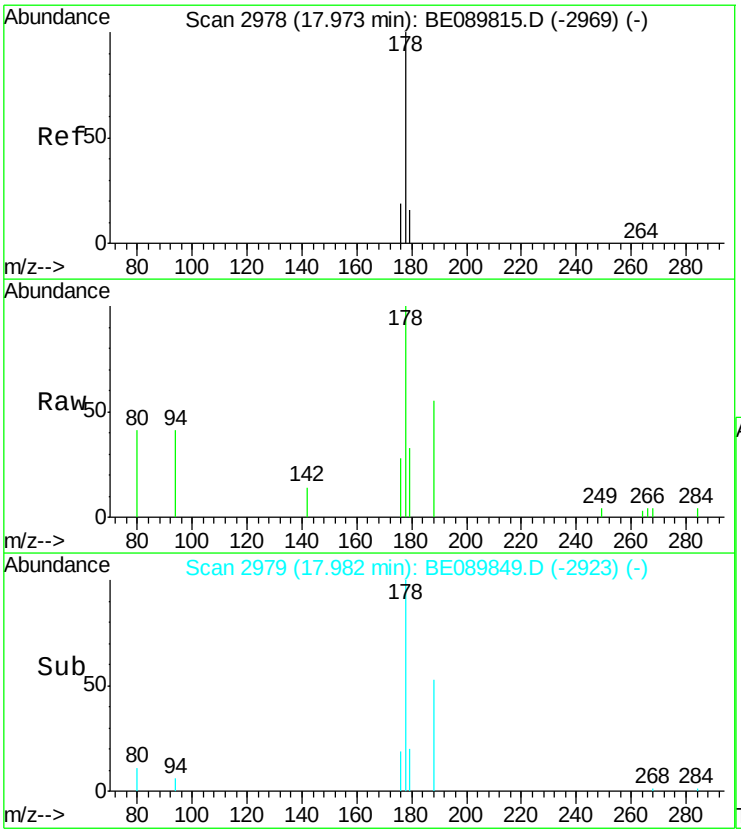
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.93 min Scan# 2973
Delta R.T. 0.01 min
Lab File: BE089849.D
Acq: 25 Mar 2015 22:50

Instrument :
BNA_E
ClientSampleId :
MW-14

Tgt Ion:188 Resp: 628286

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	11.4	10.0	15.0

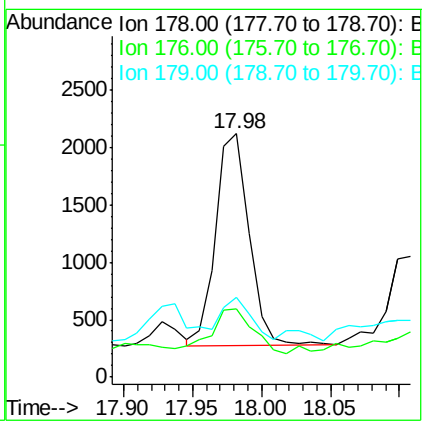


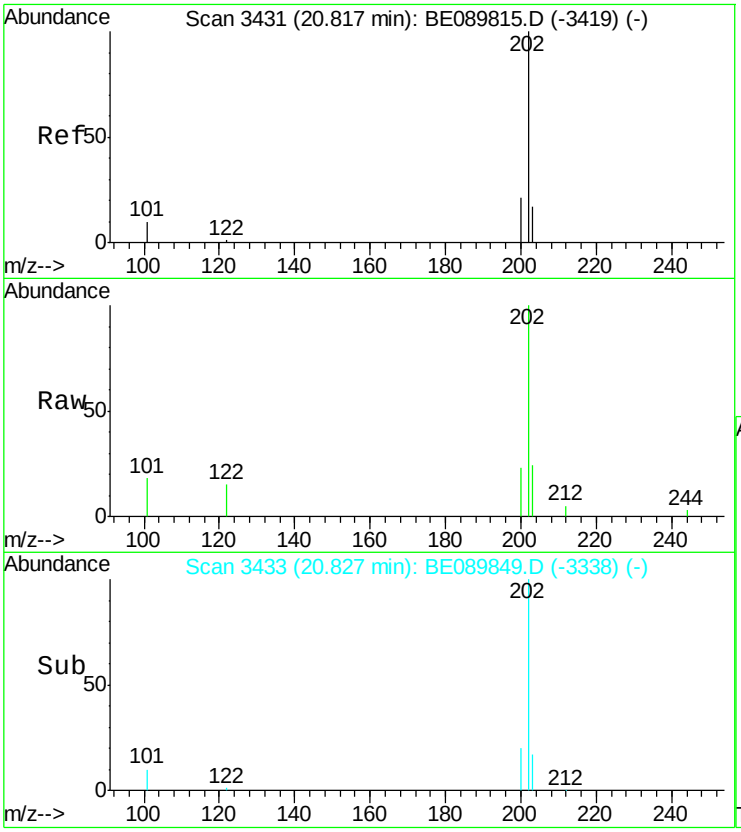


#16
Phenanthrene
Concen: 0.02 ng
RT: 17.98 min Scan# 2979
Delta R.T. 0.01 min
Lab File: BE089849.D
Acq: 25 Mar 2015 22:50

Tgt Ion:178 Resp: 3111

Ion	Ratio	Lower	Upper
178	100		
176	26.1	15.4	23.0#
179	16.5	12.2	18.4



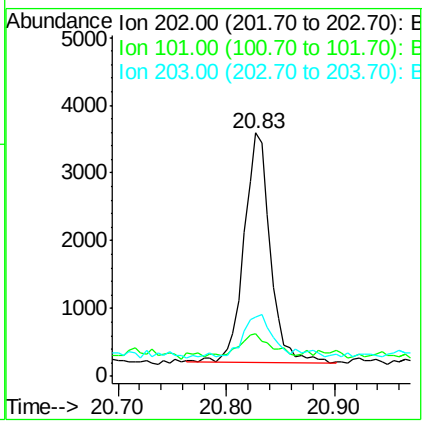


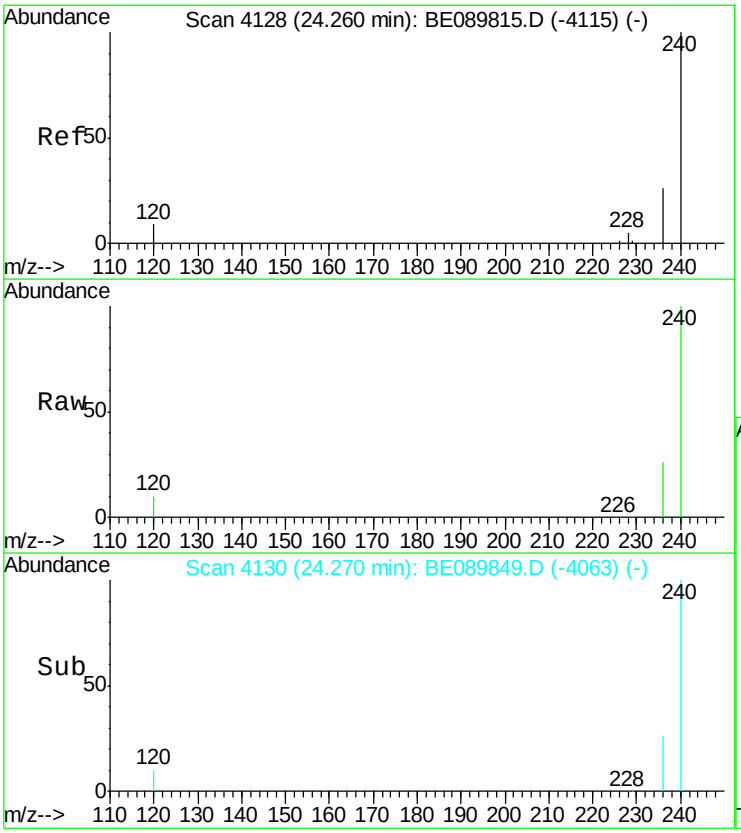
#18
Fluoranthene
Concen: 0.05 ng
RT: 20.83 min Scan# 3433
Delta R.T. 0.01 min
Lab File: BE089849.D
Acq: 25 Mar 2015 22:50

Instrument :
BNA_E
ClientSampleId :
MW-14

Tgt Ion:202 Resp: 5727

Ion	Ratio	Lower	Upper
202	100		
101	14.2	8.2	12.2#
203	19.1	14.2	21.4

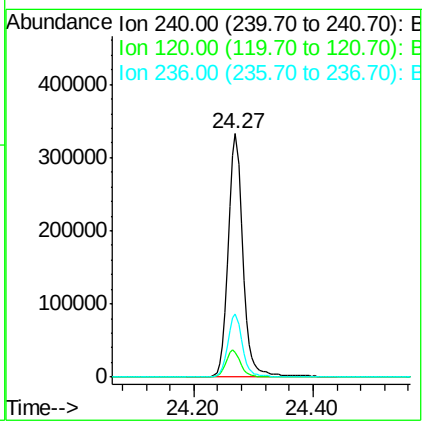


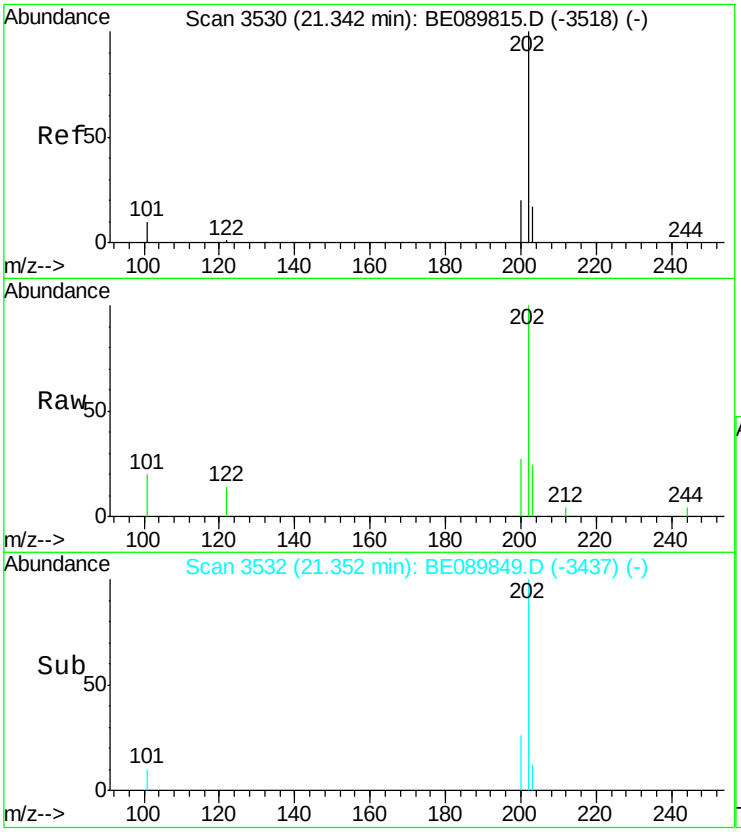


#19
Chrysene-d12
Concen: 5.00 ng
RT: 24.27 min Scan# 4130
Delta R.T. 0.01 min
Lab File: BE089849.D
Acq: 25 Mar 2015 22:50

Tgt Ion:240 Resp: 565307

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.5	11.3
236	26.1	20.5	30.7



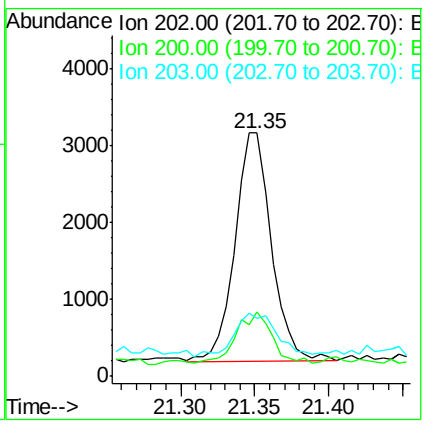


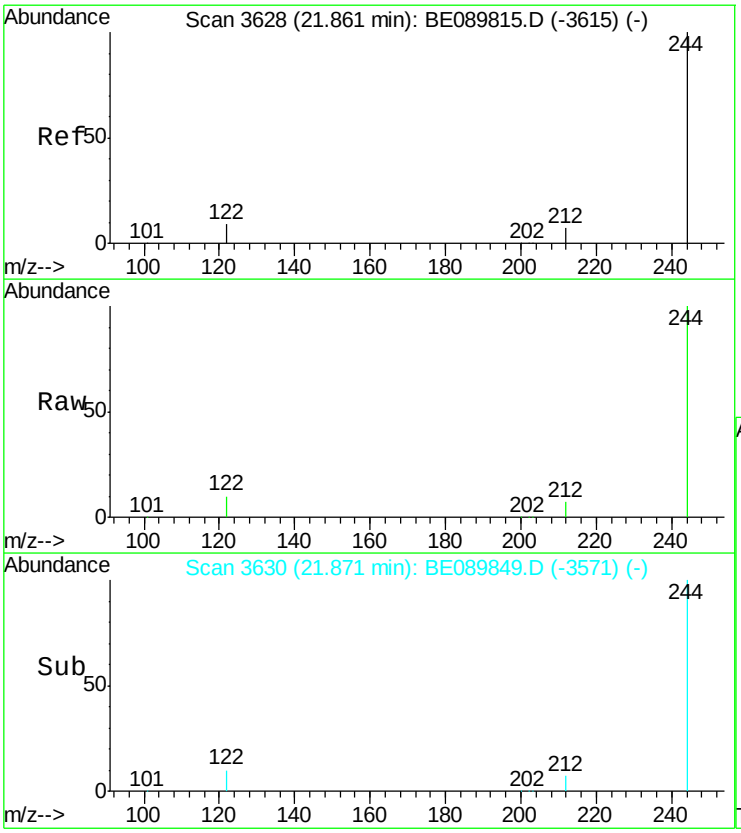
#20
Pyrene
Concen: 0.04 ng
RT: 21.35 min Scan# 3532
Delta R.T. 0.01 min
Lab File: BE089849.D
Acq: 25 Mar 2015 22:50

Instrument :
BNA_E
ClientSampleId :
MW-14

Tgt Ion:202 Resp: 5052

Ion	Ratio	Lower	Upper
202	100		
200	21.2	15.9	23.9
203	21.6	13.6	20.4#

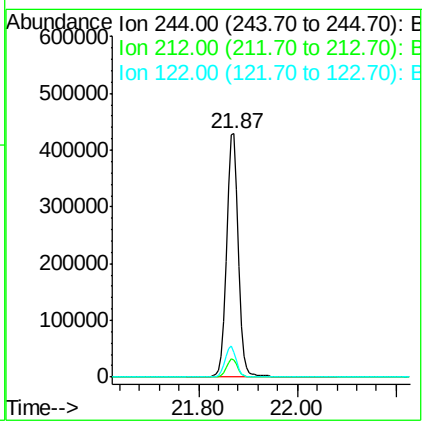


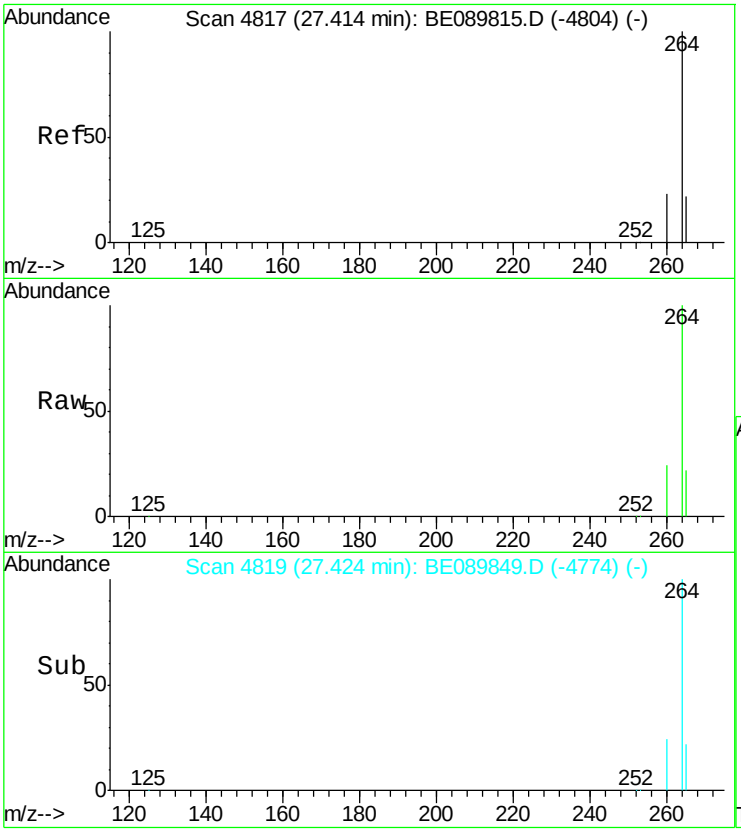


#21
Terphenyl-d14
Concen: 8.66 ng
RT: 21.87 min Scan# 3630
Delta R.T. 0.01 min
Lab File: BE089849.D
Acq: 25 Mar 2015 22:50

Tgt Ion:244 Resp: 722123

Ion	Ratio	Lower	Upper
244	100		
212	7.1	7.3	10.9#
122	10.4	10.5	15.7#





#25
Perylene-d12
Concen: 5.00 ng
RT: 27.42 min Scan# 4819
Delta R.T. 0.01 min
Lab File: BE089849.D
Acq: 25 Mar 2015 22:50

Instrument :
BNA_E
ClientSampleId :
MW-14

Tgt Ion:264 Resp: 529688

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	21.7	17.3	25.9