Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032515\
Data File : BE089852.D
Acq On : 26 Mar 2015 00:49
Operator : TP/JJ
Sample : G1589-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-1

Quant Time: Mar 26 11:44:55 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	11025	5.00	ng		0.00
4) Naphthalene-d8	10.26	136	44012	5.00	ng		0.00
8) Acenaphthene-d10	14.40	164	20937	5.00	ng		0.01
13) Phenanthrene-d10	17.93	188	38054	5.00	ng		0.00
19) Chrysene-d12	24.27	240	33379	5.00	ng		0.00
25) Perylene-d12	27.42	264	27985	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.68	82	19407	6.12	ng		0.00
9) 2-Fluorobiphenyl	12.85	172	43485	8.88	ng		0.00
21) Terphenyl-d14	21.87	244	50403	10.23	ng		0.00
Target Compounds							Qvalue
7) 2-Methylnaphthalene	11.94	142	26986m	5.58	ng		
12) Fluorene	15.71	166	31630	5.69	ng	#	86
16) Phenanthrene	17.97	178	29894	3.57	ng	#	95
20) Pyrene	21.35	202	5900	0.70	ng	#	81

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

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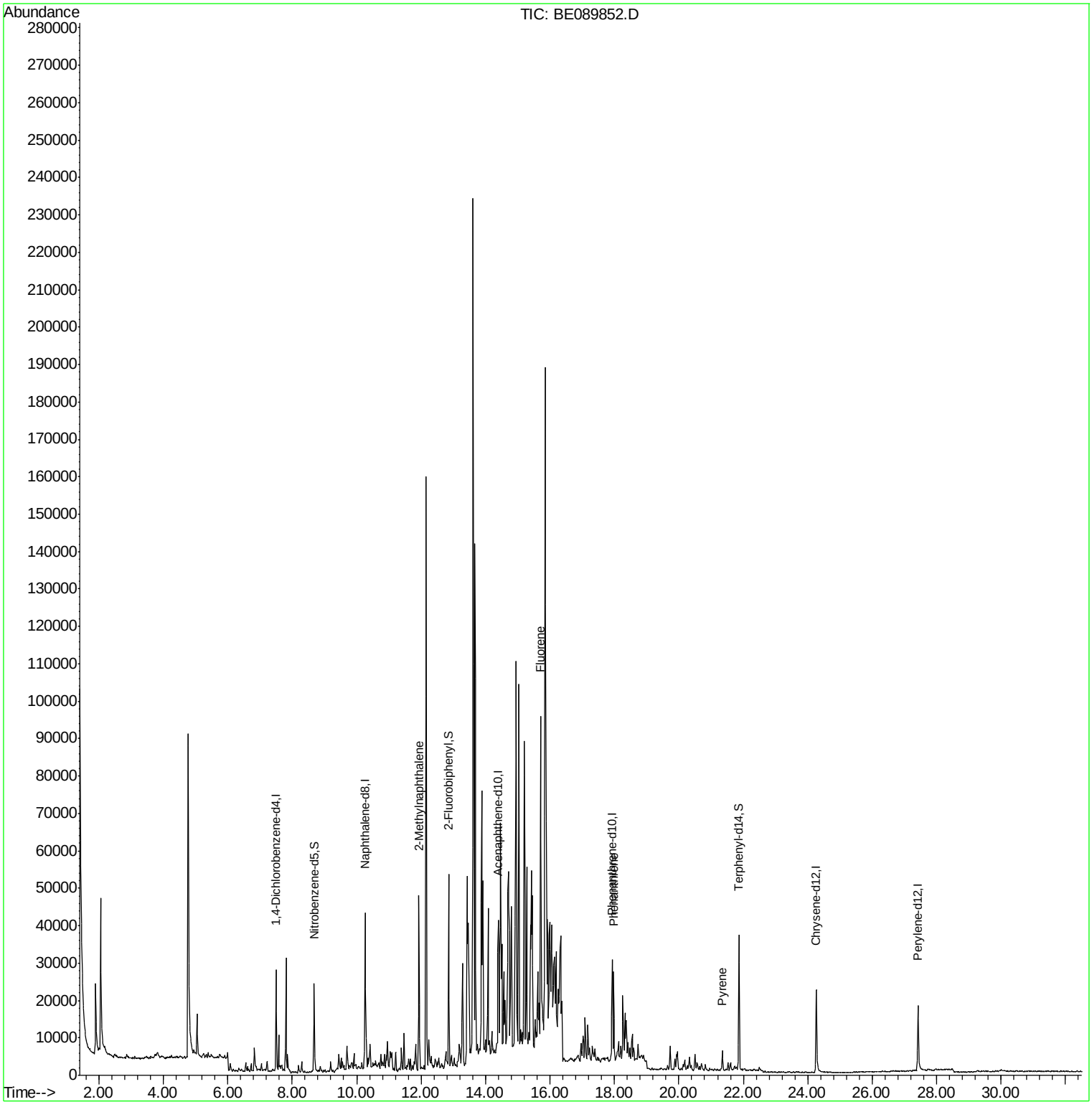
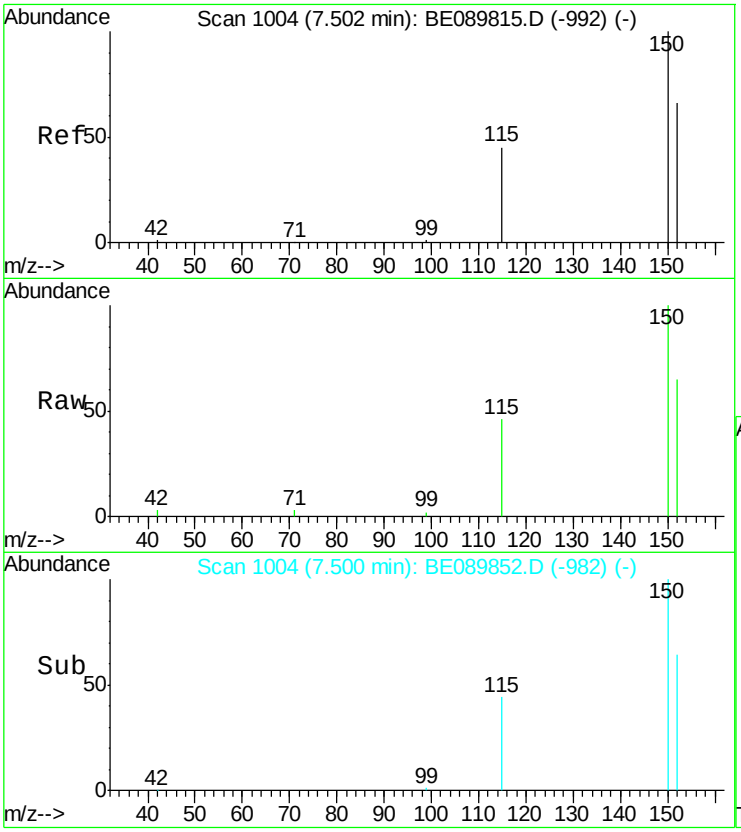


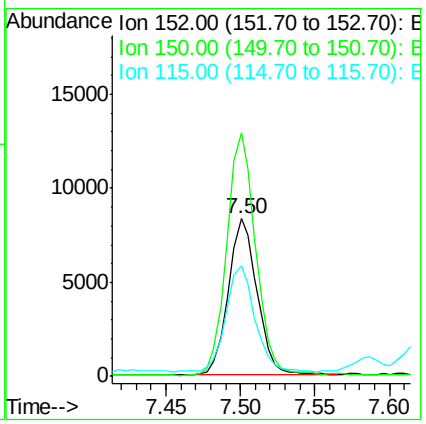


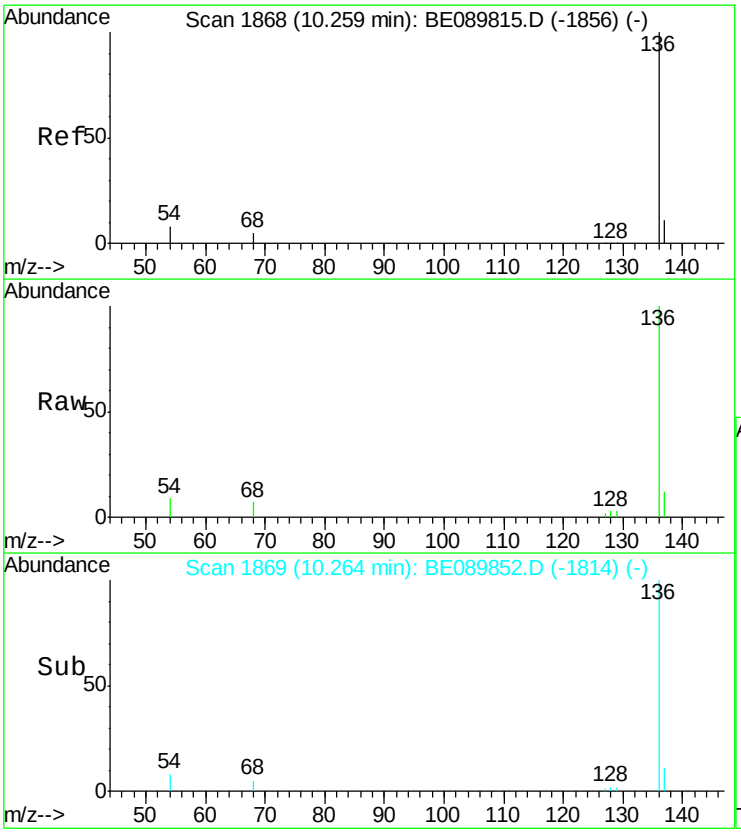
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.50 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE089852.D
Acq: 26 Mar 2015 00:49

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 11025

Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.5	188.3
115	70.6	58.0	87.0

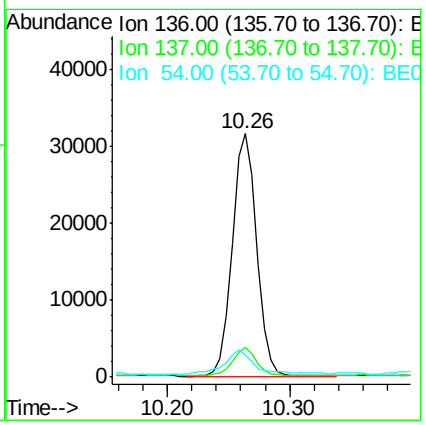


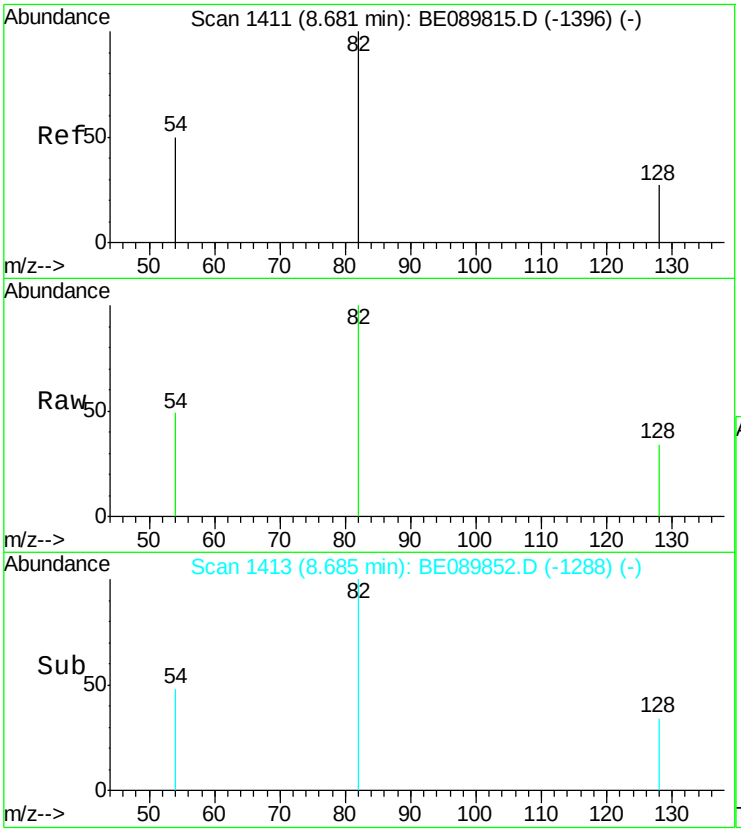


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 1869
Delta R.T. 0.01 min
Lab File: BE089852.D
Acq: 26 Mar 2015 00:49

Tgt Ion:136 Resp: 44012

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.8	13.2
54	9.3	7.0	10.4



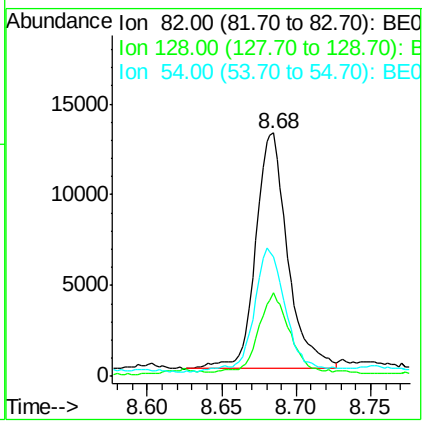


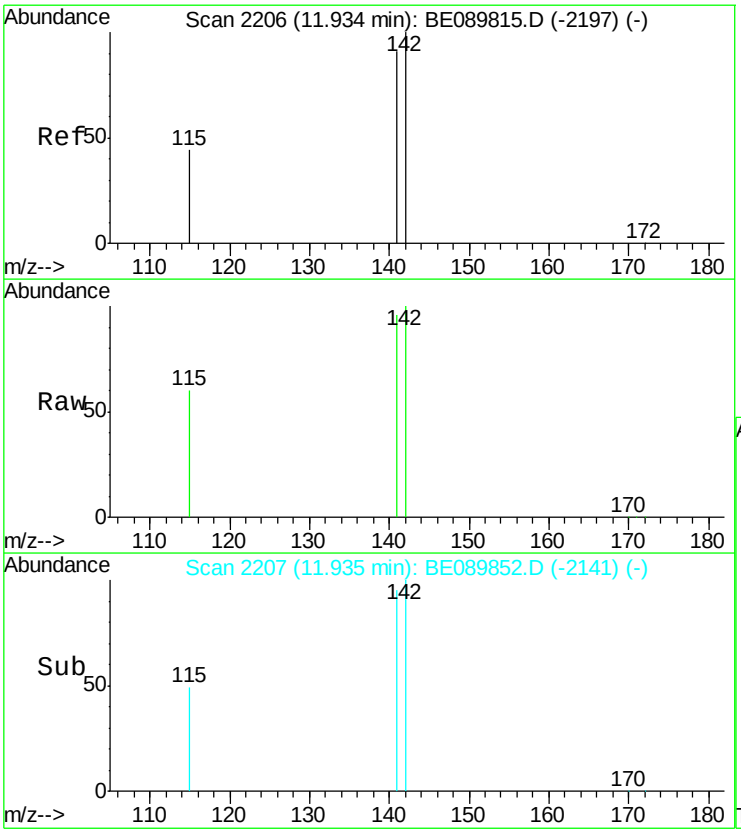
#5
Nitrobenzene-d5
Concen: 6.12 ng
RT: 8.68 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BE089852.D
Acq: 26 Mar 2015 00:49

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 19407

Ion	Ratio	Lower	Upper
82	100		
128	34.3	24.6	37.0
54	49.0	43.0	64.6

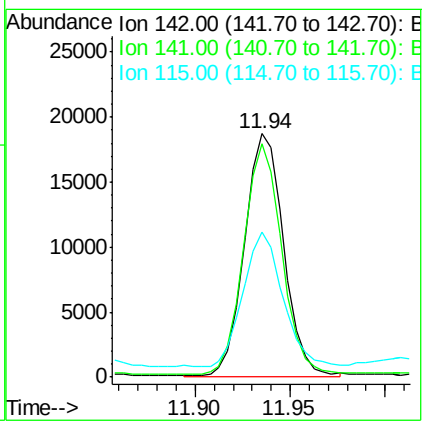


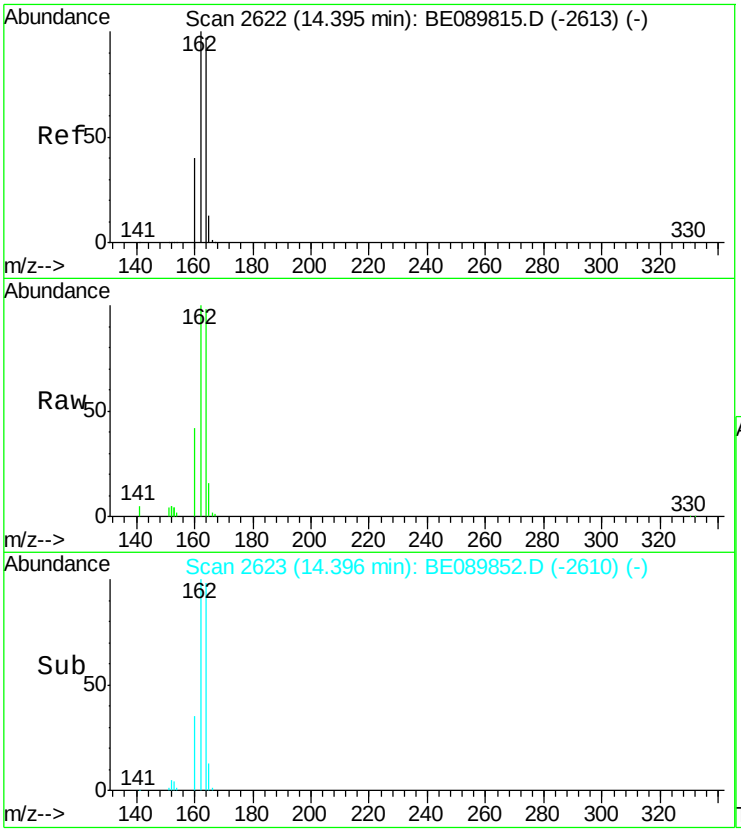


#7
2-Methylnaphthalene
Concen: 5.58 ng m
RT: 11.94 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE089852.D
Acq: 26 Mar 2015 00:49

Tgt Ion:142 Resp: 26986

Ion	Ratio	Lower	Upper
142	100		
141	95.6	72.8	109.2
115	59.8	32.9	49.3#



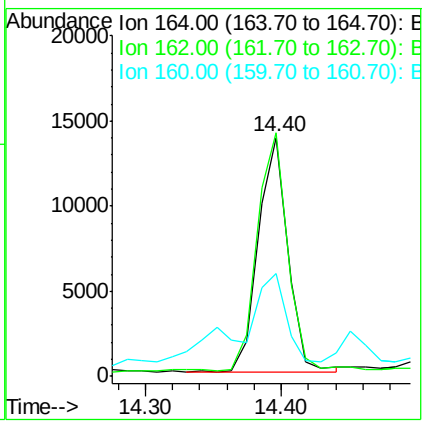


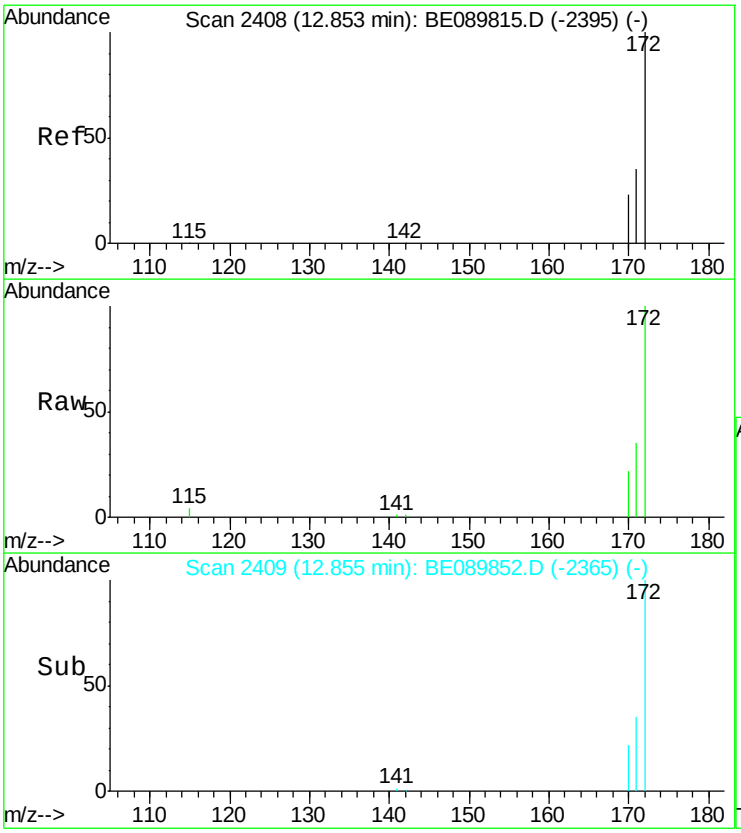
#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 2623
Delta R.T. 0.01 min
Lab File: BE089852.D
Acq: 26 Mar 2015 00:49

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion:164 Resp: 20937

Ion	Ratio	Lower	Upper
164	100		
162	102.0	87.6	131.4
160	43.4	36.7	55.1

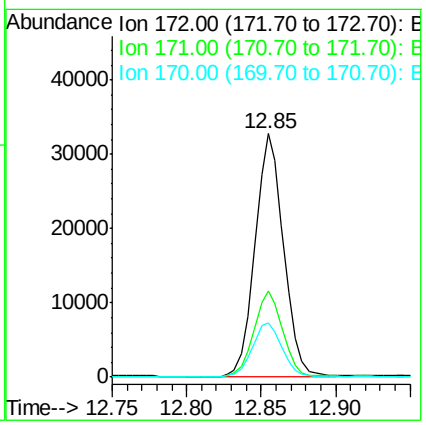


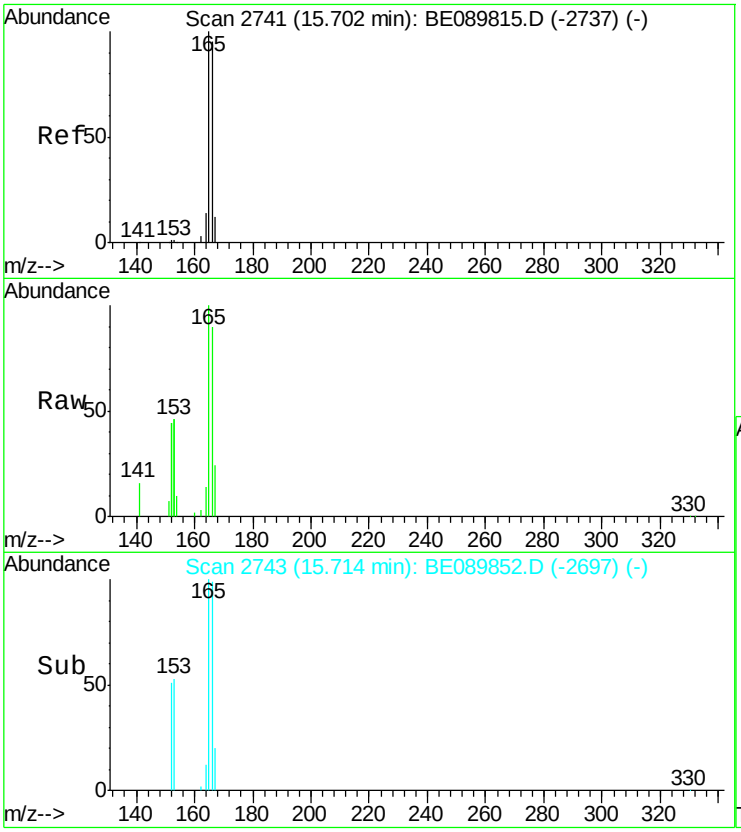


#9
2-Fluorobiphenyl
Concen: 8.88 ng
RT: 12.85 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BE089852.D
Acq: 26 Mar 2015 00:49

Tgt Ion:172 Resp: 43485

Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.8	46.2
170	22.4	21.0	31.4



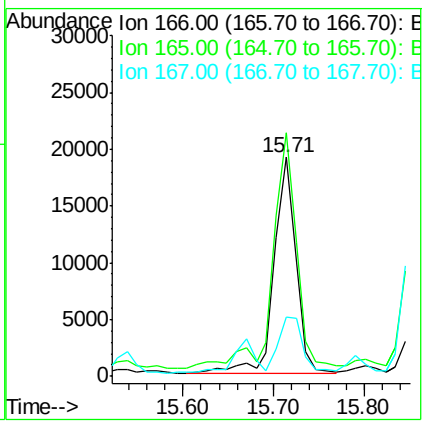


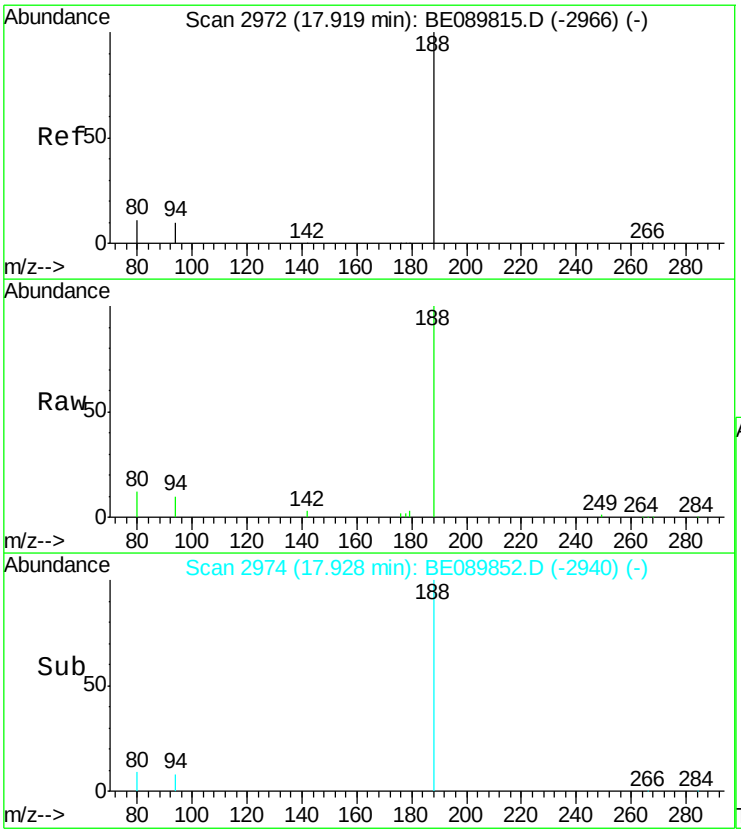
#12
Fluorene
Concen: 5.69 ng
RT: 15.71 min Scan# 2743
Delta R.T. 0.00 min
Lab File: BE089852.D
Acq: 26 Mar 2015 00:49

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion:166 Resp: 31630

Ion	Ratio	Lower	Upper
166	100		
165	118.9	85.1	127.7
167	26.2	12.2	18.4#

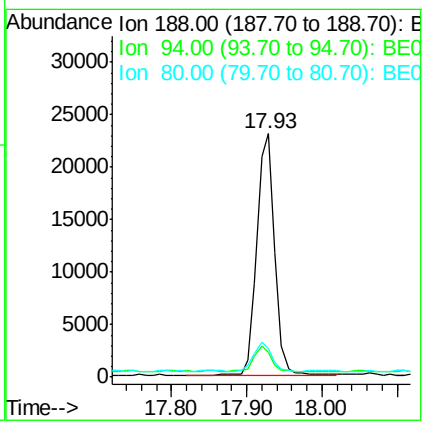


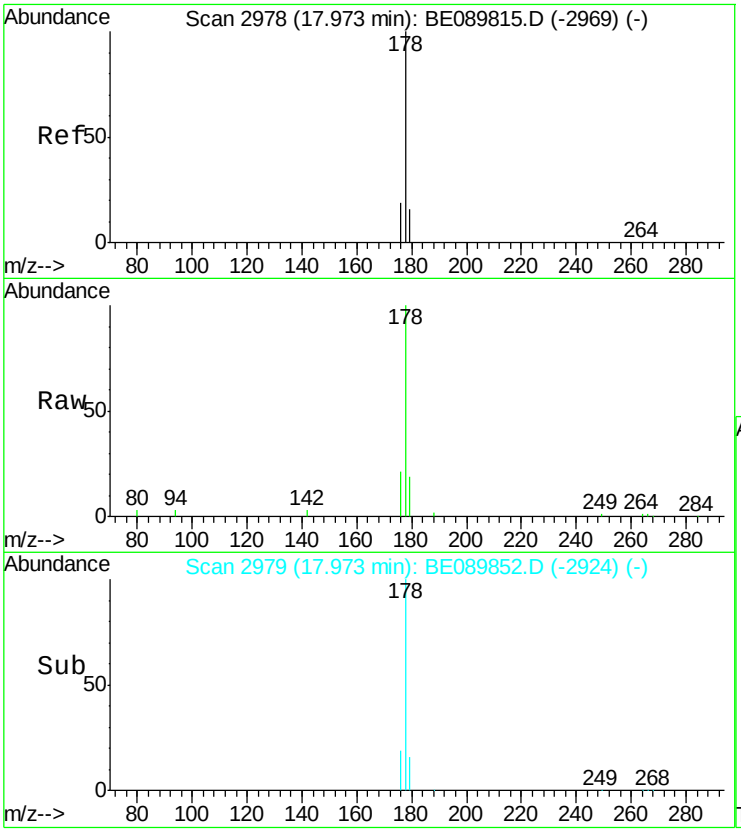


#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.93 min Scan# 2974
Delta R.T. 0.01 min
Lab File: BE089852.D
Acq: 26 Mar 2015 00:49

Tgt Ion:188 Resp: 38054

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.7	10.0	15.0



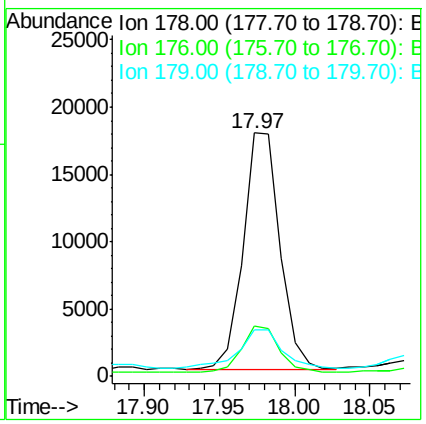


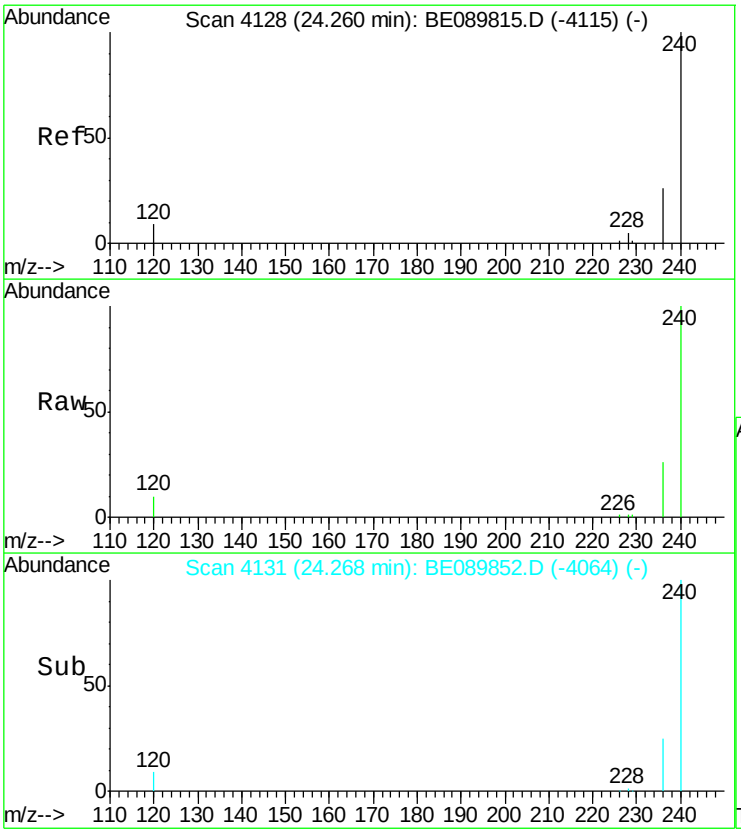
#16
Phenanthrene
Concen: 3.57 ng
RT: 17.97 min Scan# 2979
Delta R.T. 0.00 min
Lab File: BE089852.D
Acq: 26 Mar 2015 00:49

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion:178 Resp: 29894

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.0
179	18.8	12.2	18.4#

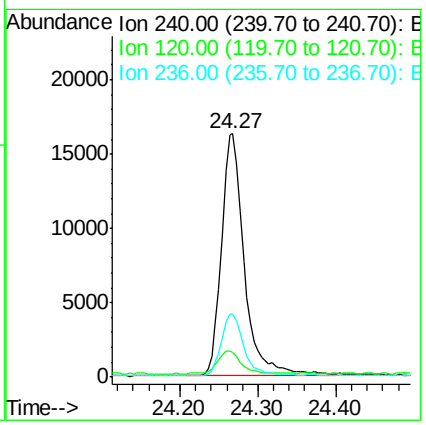


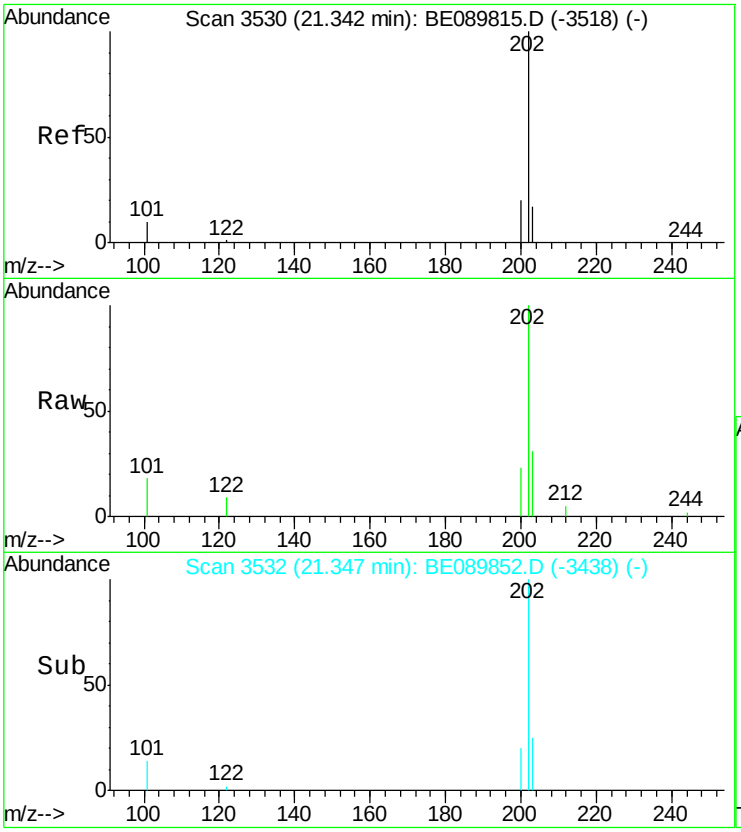


#19
Chrysene-d12
Concen: 5.00 ng
RT: 24.27 min Scan# 4131
Delta R.T. 0.01 min
Lab File: BE089852.D
Acq: 26 Mar 2015 00:49

Tgt Ion:240 Resp: 33379

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.5	11.3
236	25.8	20.5	30.7



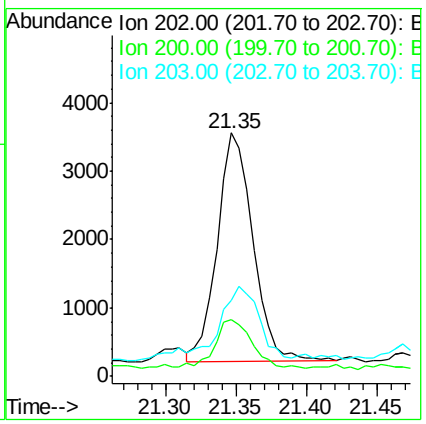


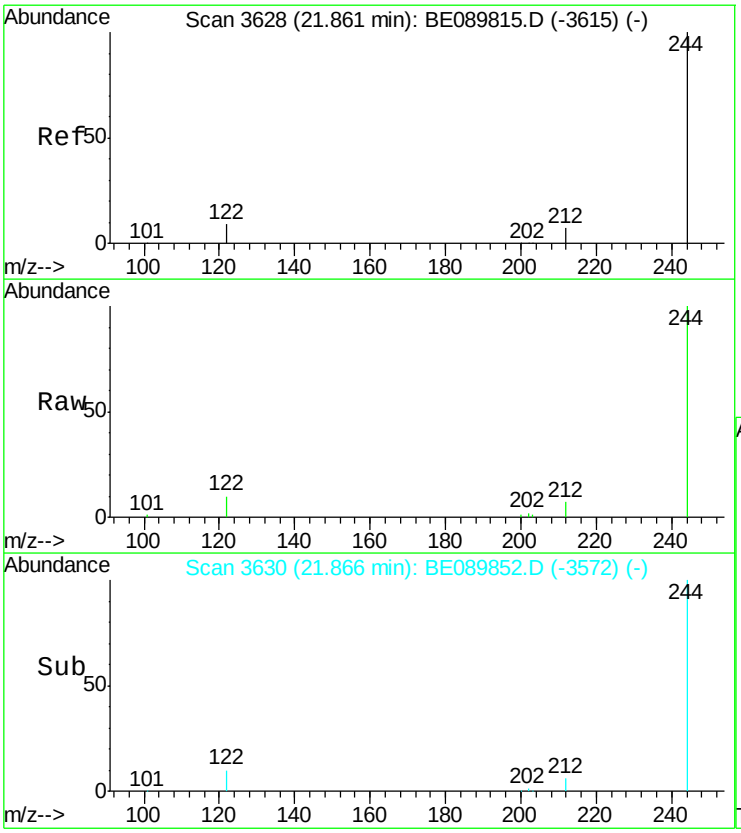
#20
Pyrene
Concen: 0.70 ng
RT: 21.35 min Scan# 3532
Delta R.T. 0.00 min
Lab File: BE089852.D
Acq: 26 Mar 2015 00:49

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion:202 Resp: 5900

Ion	Ratio	Lower	Upper
202	100		
200	21.5	15.9	23.9
203	33.3	13.6	20.4#

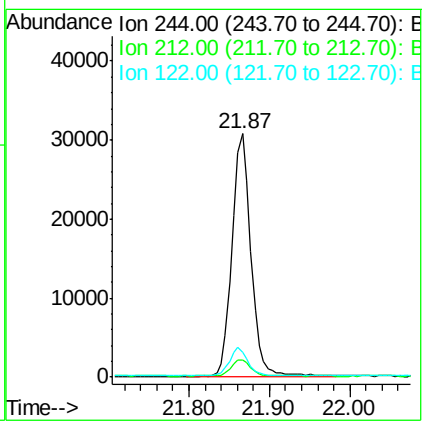


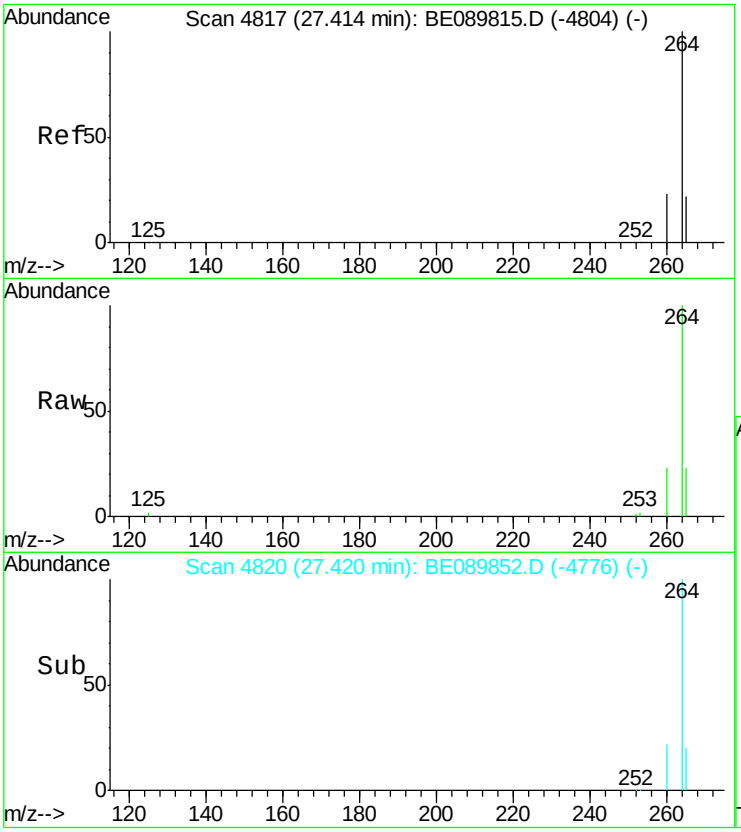


#21
Terphenyl-d14
Concen: 10.23 ng
RT: 21.87 min Scan# 3630
Delta R.T. 0.01 min
Lab File: BE089852.D
Acq: 26 Mar 2015 00:49

Tgt Ion:244 Resp: 50403

Ion	Ratio	Lower	Upper
244	100		
212	6.8	7.3	10.9#
122	10.2	10.5	15.7#





#25
Perylene-d12
Concen: 5.00 ng
RT: 27.42 min Scan# 4820
Delta R.T. 0.01 min
Lab File: BE089852.D
Acq: 26 Mar 2015 00:49

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion:264 Resp: 27985

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	23.4	17.3	25.9