Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032615\
Data File : BE089858.D
Acq On : 26 Mar 2015 14:05
Operator : TP/JJ
Sample : G1589-01RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-1RE

Quant Time: Mar 27 03:24:32 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	256649	5.00	ng		0.00
4) Naphthalene-d8	10.27	136	968554	5.00	ng		0.01
8) Acenaphthene-d10	14.41	164	454242	5.00	ng		0.02
13) Phenanthrene-d10	17.94	188	752503	5.00	ng		0.02
19) Chrysene-d12	24.26	240	600268	5.00	ng		0.00
25) Perylene-d12	27.42	264	561395	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.68	82	268713	3.95	ng		0.00
9) 2-Fluorobiphenyl	12.86	172	536415	5.05	ng		0.00
21) Terphenyl-d14	21.87	244	493574	5.57	ng		0.00
Target Compounds							Qvalue
7) 2-Methylnaphthalene	11.94	142	334986m	3.15	ng		
12) Fluorene	15.72	166	379602	3.15	ng	#	90
16) Phenanthrene	17.98	178	335318	2.03	ng	#	94
20) Pyrene	21.35	202	66638	0.44	ng	#	81

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

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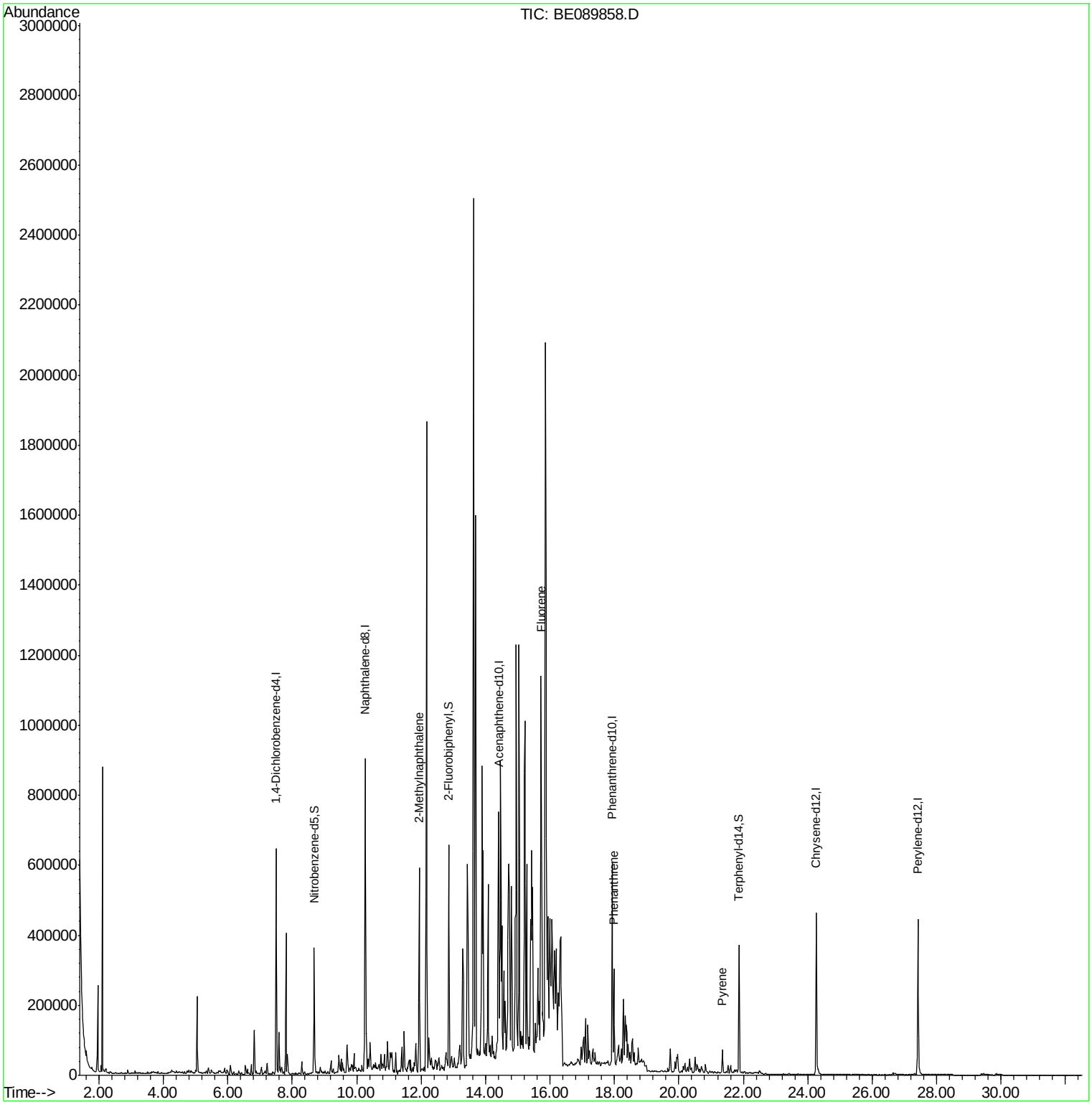
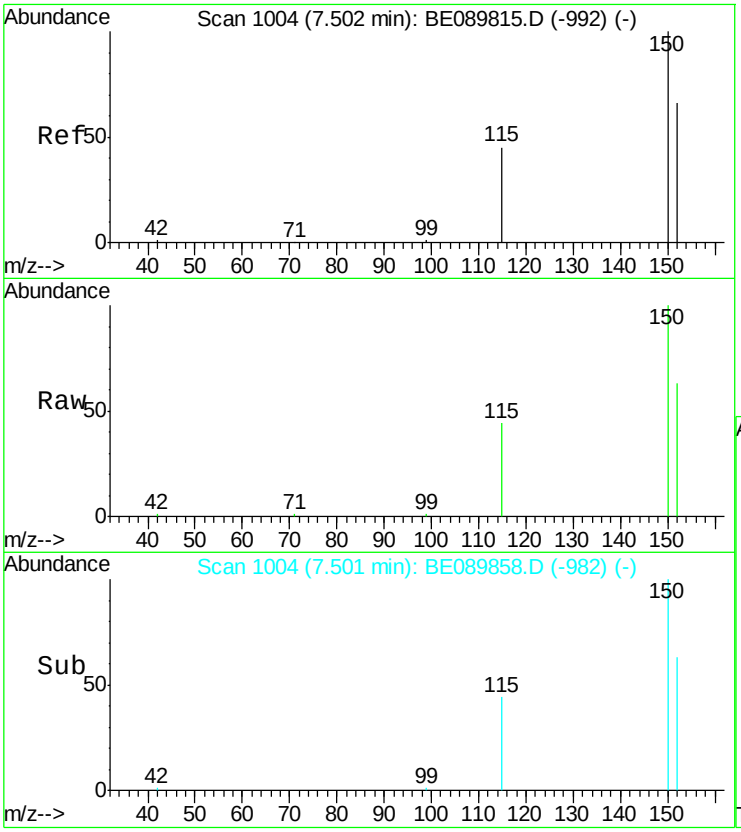


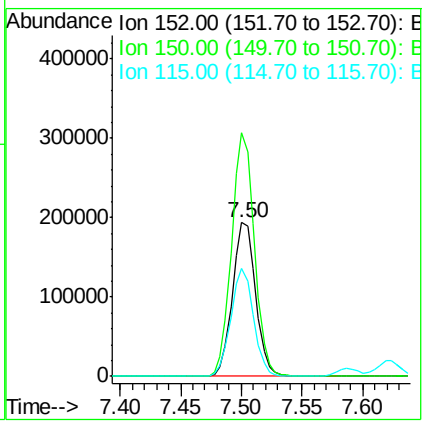


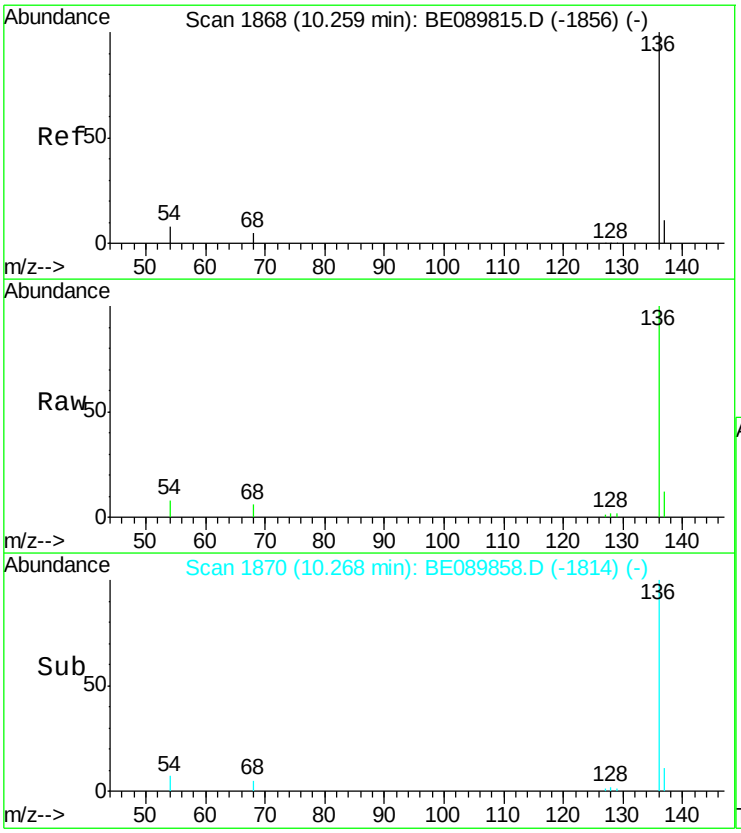
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.50 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE089858.D
Acq: 26 Mar 2015 14:05

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion:152 Resp: 256649

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.5	188.3
115	70.5	58.0	87.0

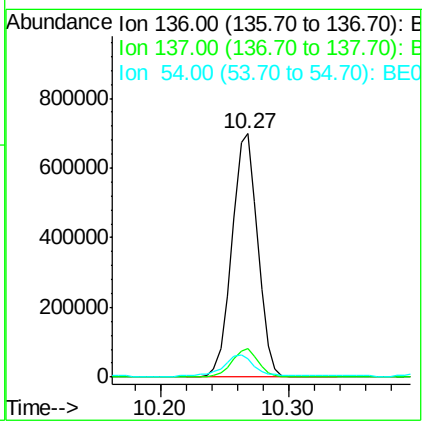


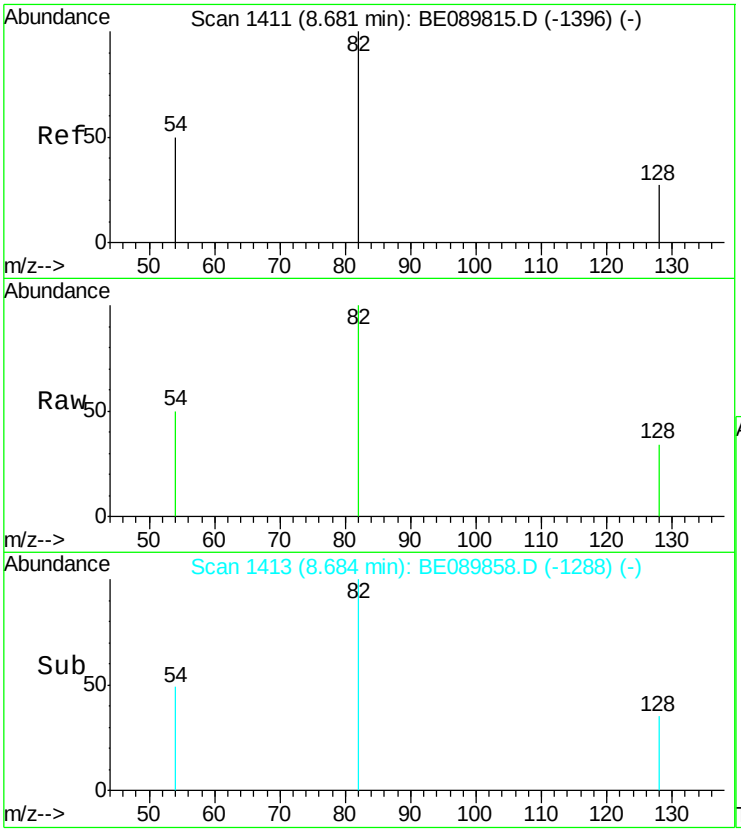


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.27 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BE089858.D
Acq: 26 Mar 2015 14:05

Tgt Ion:136 Resp: 968554

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	7.6	7.0	10.4



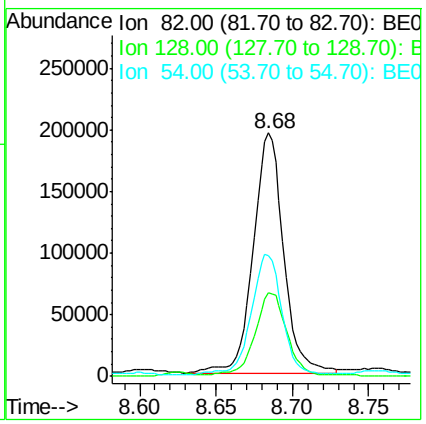


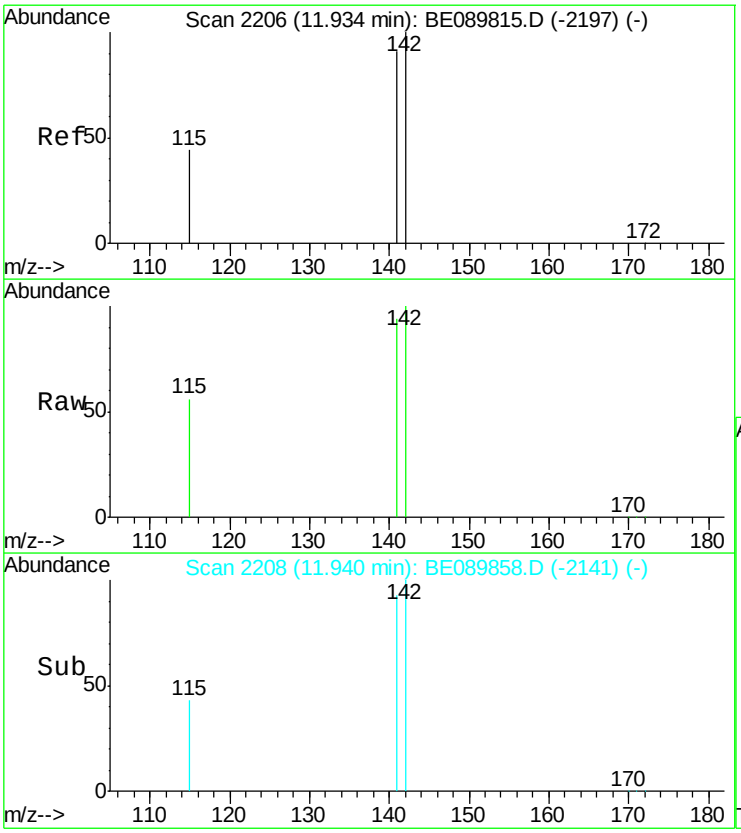
#5
Nitrobenzene-d5
Concen: 3.95 ng
RT: 8.68 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BE089858.D
Acq: 26 Mar 2015 14:05

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion: 82 Resp: 268713

Ion	Ratio	Lower	Upper
82	100		
128	34.5	24.6	37.0
54	49.8	43.0	64.6

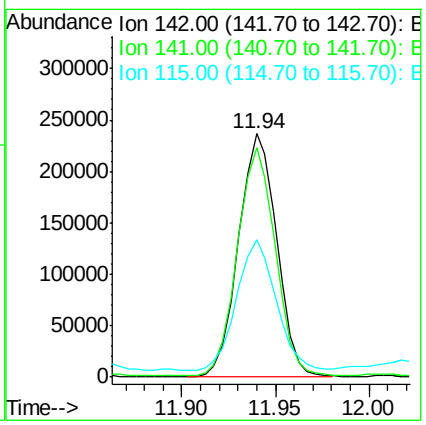


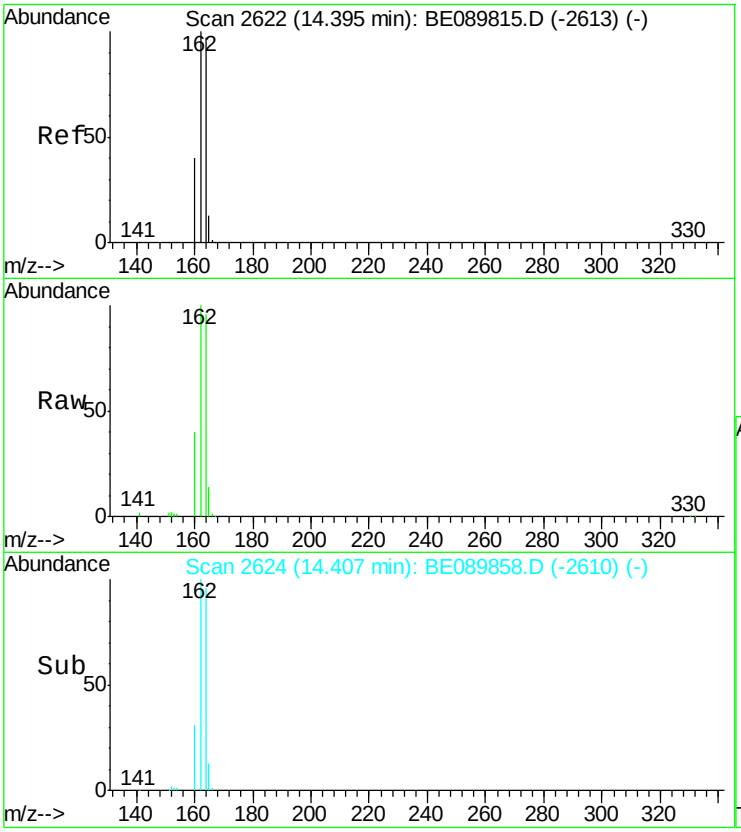


#7
2-Methylnaphthalene
Concen: 3.15 ng m
RT: 11.94 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089858.D
Acq: 26 Mar 2015 14:05

Tgt Ion:142 Resp: 334986

Ion	Ratio	Lower	Upper
142	100		
141	94.1	72.8	109.2
115	56.3	32.9	49.3#



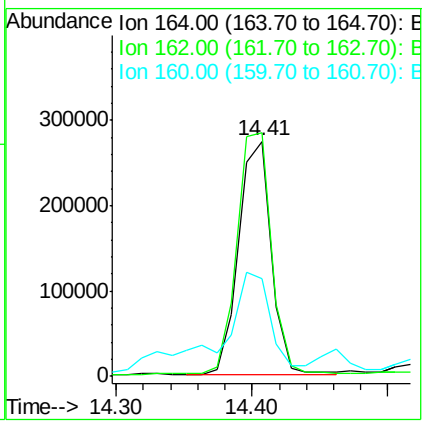


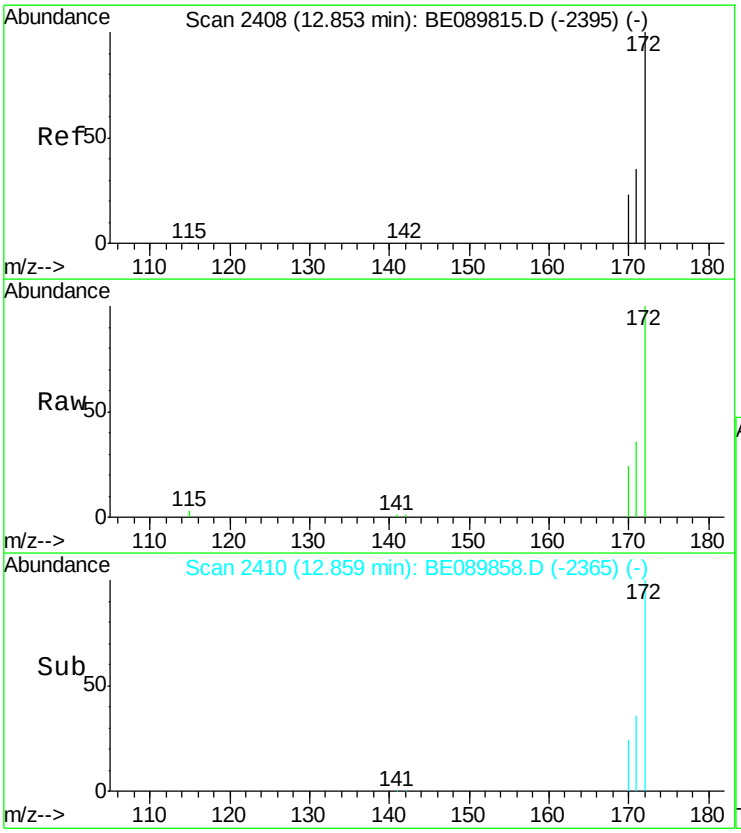
#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 2624
Delta R.T. 0.02 min
Lab File: BE089858.D
Acq: 26 Mar 2015 14:05

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion:164 Resp: 454242

Ion	Ratio	Lower	Upper
164	100		
162	103.6	87.6	131.4
160	41.6	36.7	55.1

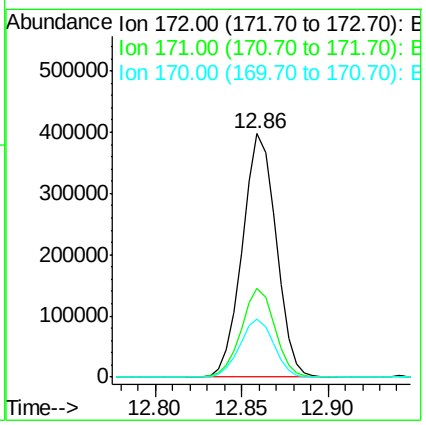


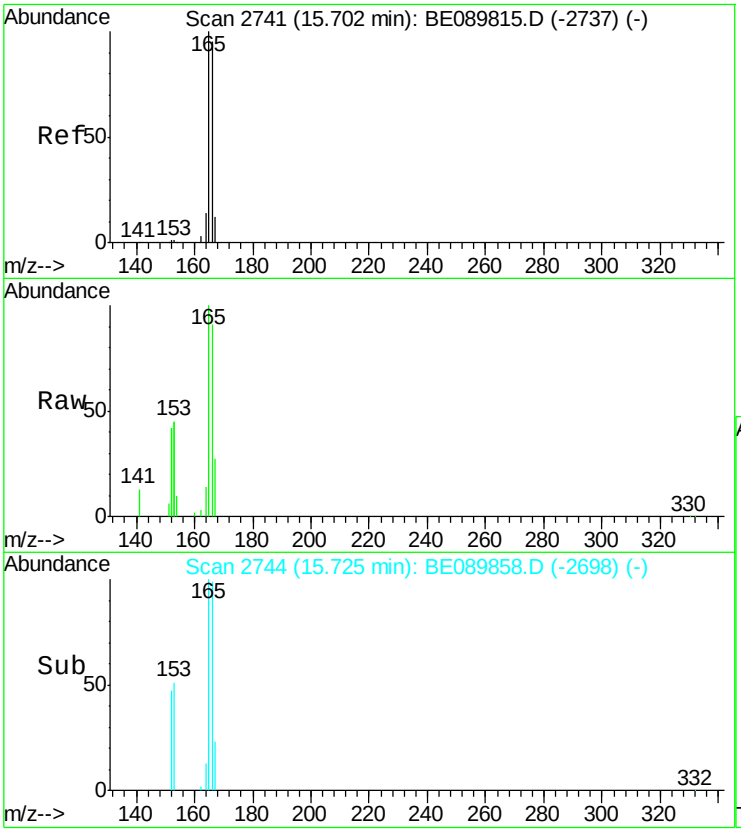


#9
2-Fluorobiphenyl
Concen: 5.05 ng
RT: 12.86 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BE089858.D
Acq: 26 Mar 2015 14:05

Tgt Ion:172 Resp: 536415

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.8	46.2
170	24.0	21.0	31.4



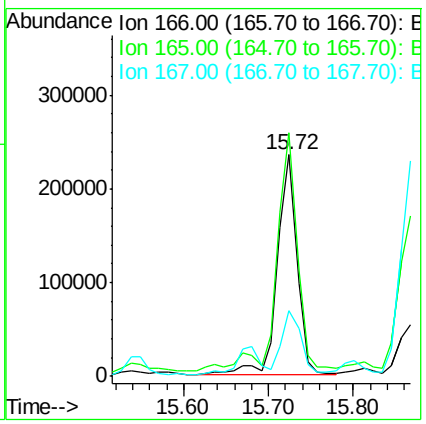


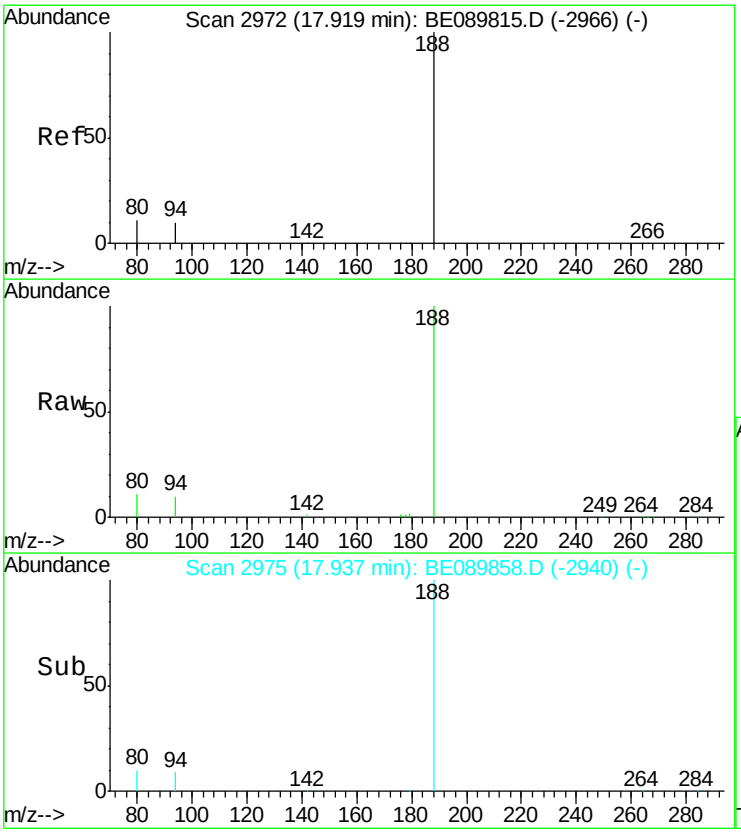
#12
Fluorene
Concen: 3.15 ng
RT: 15.72 min Scan# 2744
Delta R.T. 0.01 min
Lab File: BE089858.D
Acq: 26 Mar 2015 14:05

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion:166 Resp: 379602

Ion	Ratio	Lower	Upper
166	100		
165	114.4	85.1	127.7
167	25.1	12.2	18.4#

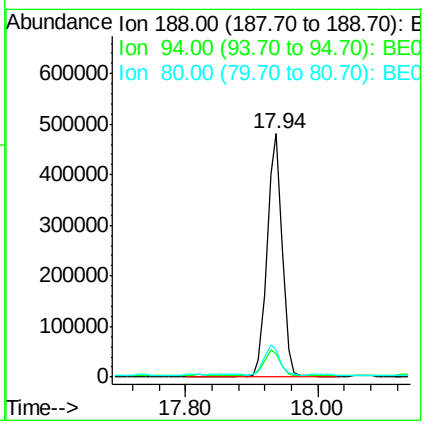


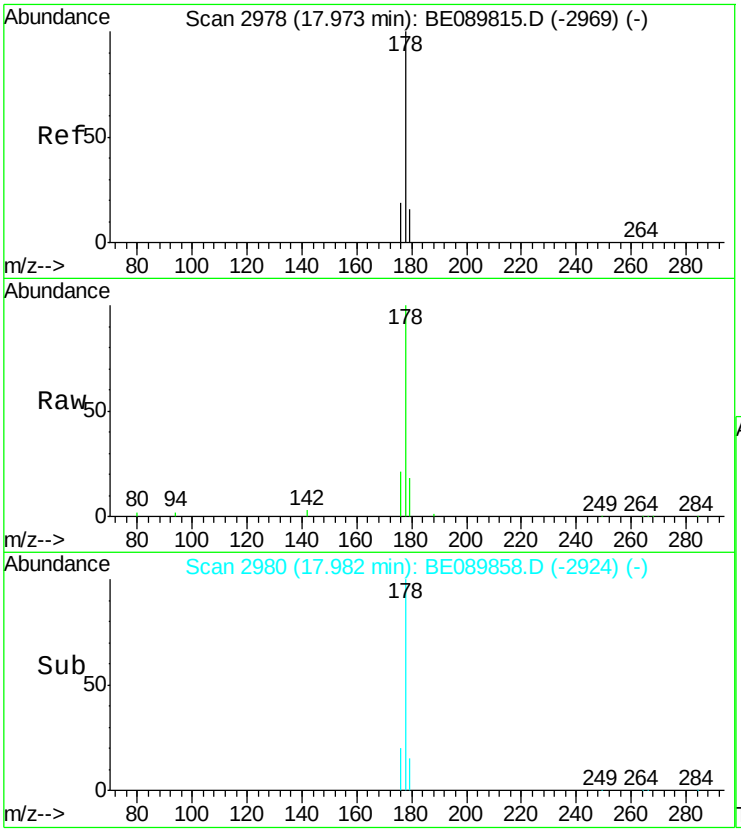


#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.94 min Scan# 2975
Delta R.T. 0.02 min
Lab File: BE089858.D
Acq: 26 Mar 2015 14:05

Tgt Ion:188 Resp: 752503

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.2	10.0	15.0



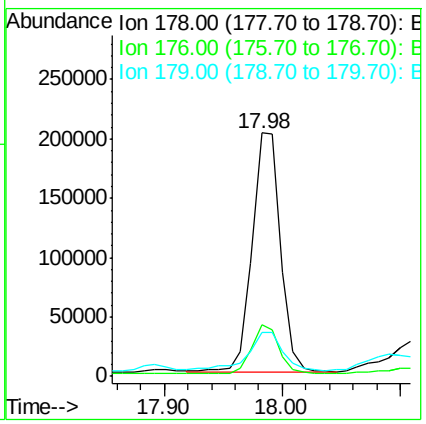


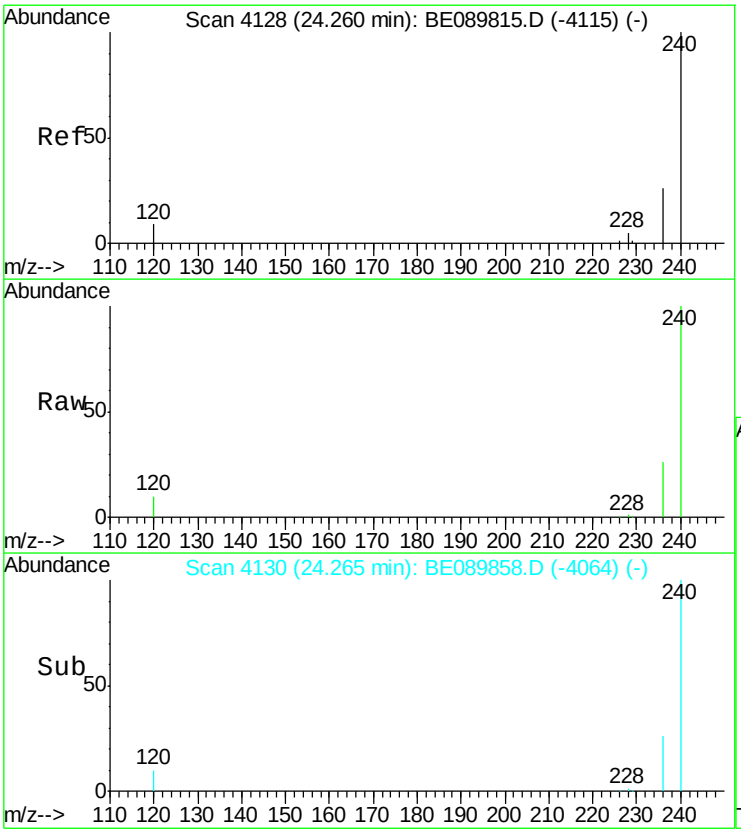
#16
Phenanthrene
Concen: 2.03 ng
RT: 17.98 min Scan# 2980
Delta R.T. 0.01 min
Lab File: BE089858.D
Acq: 26 Mar 2015 14:05

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion:178 Resp: 335318

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.0
179	19.9	12.2	18.4#

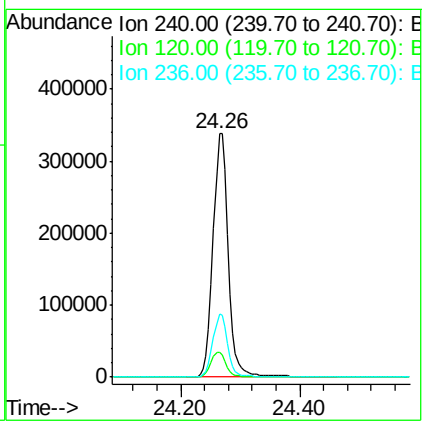


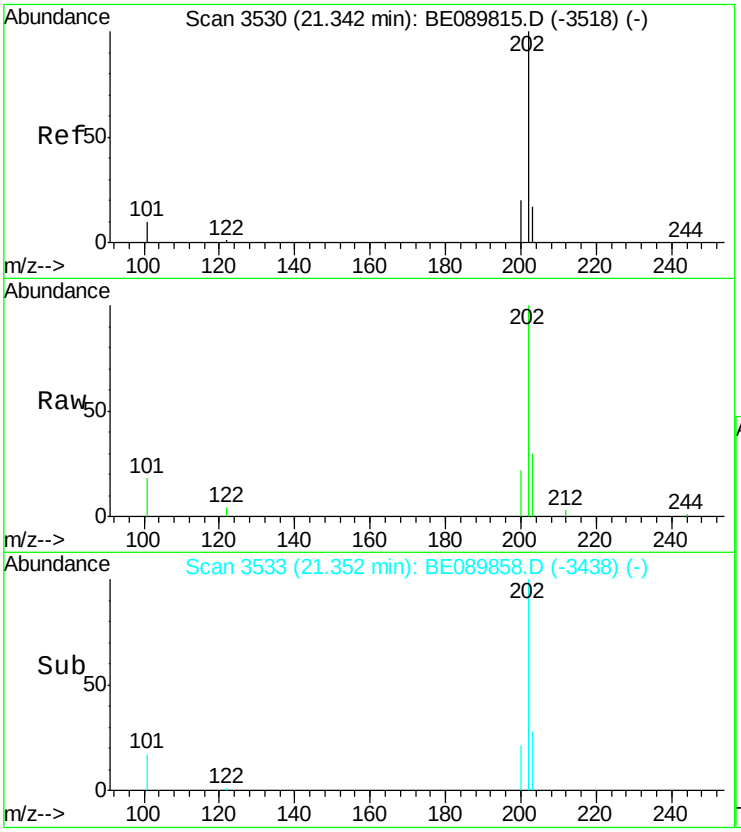


#19
Chrysene-d12
Concen: 5.00 ng
RT: 24.26 min Scan# 4130
Delta R.T. 0.00 min
Lab File: BE089858.D
Acq: 26 Mar 2015 14:05

Tgt Ion:240 Resp: 600268

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.5	11.3
236	25.8	20.5	30.7



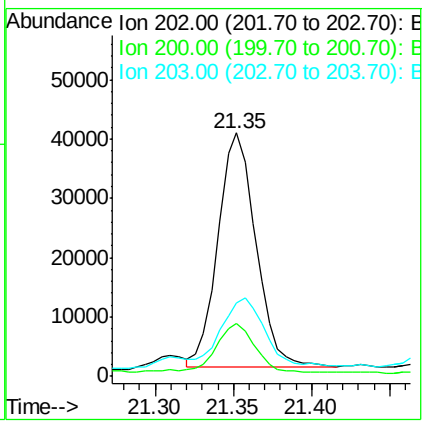


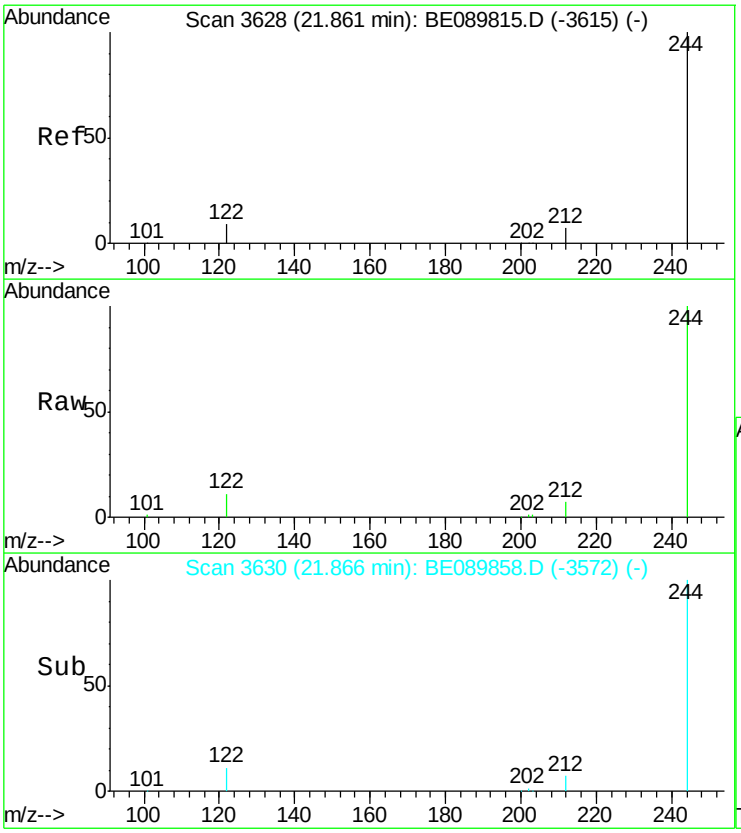
#20
Pyrene
Concen: 0.44 ng
RT: 21.35 min Scan# 3533
Delta R.T. 0.01 min
Lab File: BE089858.D
Acq: 26 Mar 2015 14:05

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion:202 Resp: 66638

Ion	Ratio	Lower	Upper
202	100		
200	21.7	15.9	23.9
203	32.5	13.6	20.4#

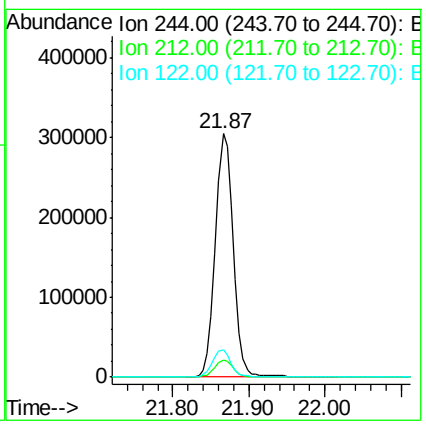


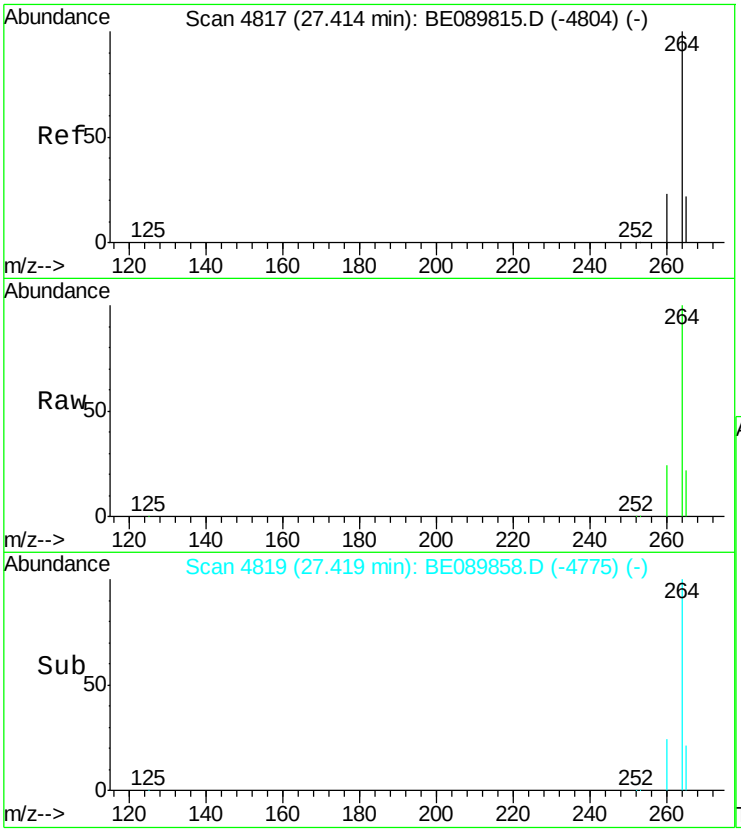


#21
Terphenyl-d14
Concen: 5.57 ng
RT: 21.87 min Scan# 3630
Delta R.T. 0.01 min
Lab File: BE089858.D
Acq: 26 Mar 2015 14:05

Tgt Ion:244 Resp: 493574

Ion	Ratio	Lower	Upper
244	100		
212	7.2	7.3	10.9#
122	11.2	10.5	15.7





#25
Perylene-d12
Concen: 5.00 ng
RT: 27.42 min Scan# 4819
Delta R.T. 0.00 min
Lab File: BE089858.D
Acq: 26 Mar 2015 14:05

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion:264 Resp: 561395

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	21.5	17.3	25.9