Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
Data File : BE089833.D
Acq On : 25 Mar 2015 5:35
Operator : TP/JJ
Sample : G1575-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DUP-031715

Quant Time: Mar 25 17:20:29 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	208001	5.00	ng		0.00
4) Naphthalene-d8	10.26	136	834633	5.00	ng		0.00
8) Acenaphthene-d10	14.39	164	361631	5.00	ng		0.00
13) Phenanthrene-d10	17.93	188	619446	5.00	ng		0.00
19) Chrysene-d12	24.26	240	587282	5.00	ng		0.00
25) Perylene-d12	27.42	264	553662	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.68	82	142909	2.53	ng		0.00
9) 2-Fluorobiphenyl	12.85	172	213147	2.52	ng		0.00
21) Terphenyl-d14	21.87	244	229372	2.65	ng		0.00
Target Compounds							Qvalue
16) Phenanthrene	17.98	178	6436	0.05	ng		96
18) Fluoranthene	20.83	202	13196	0.11	ng		96
20) Pyrene	21.35	202	10953	0.07	ng	#	91
22) Benzo(a)anthracene	24.24	228	5403	0.05	ng	#	93
23) Chrysene	24.32	228	7931	0.07	ng	#	85
26) Benzo(b)fluoranthene	26.64	252	8281	0.38	ng	#	63

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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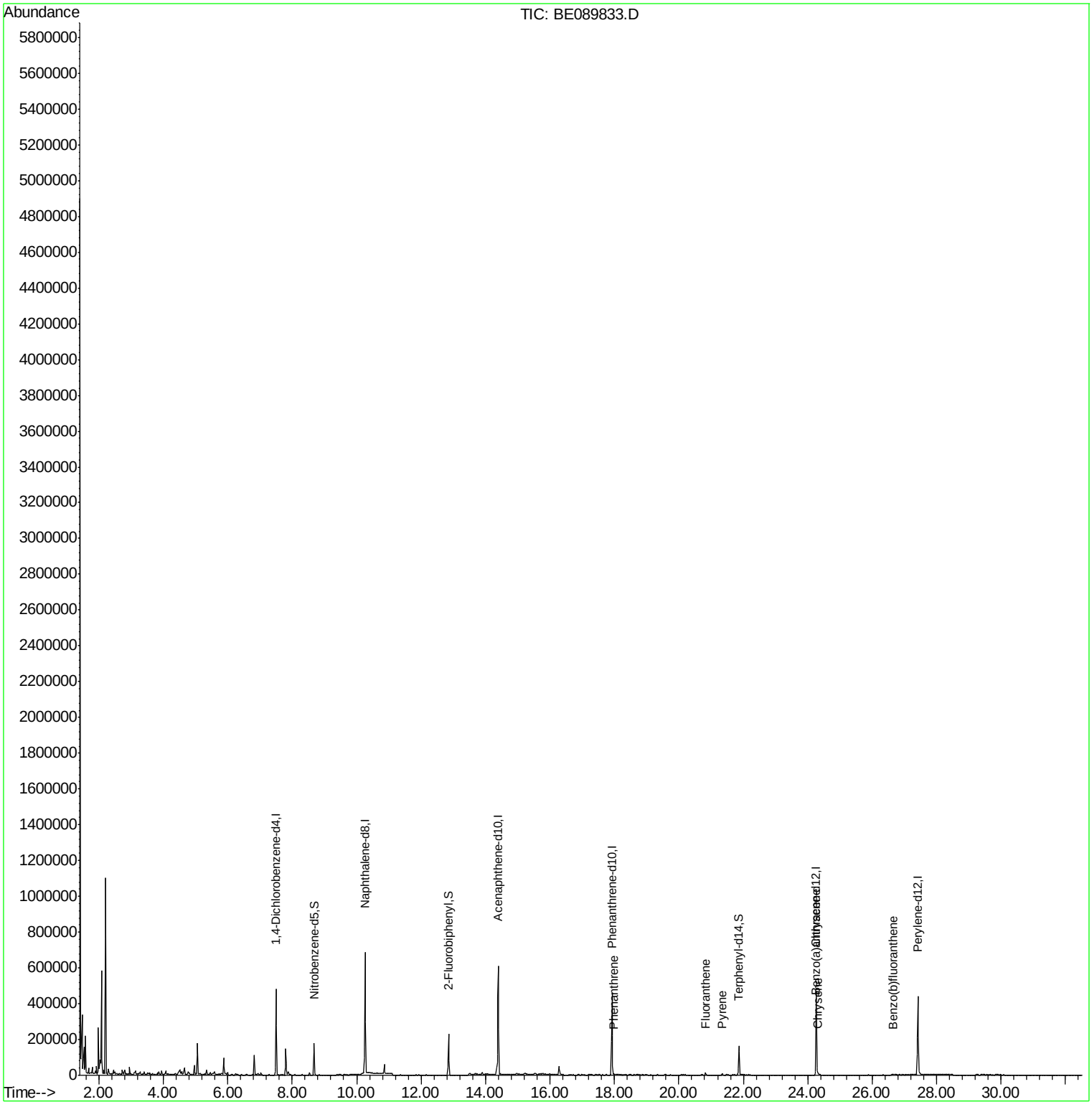
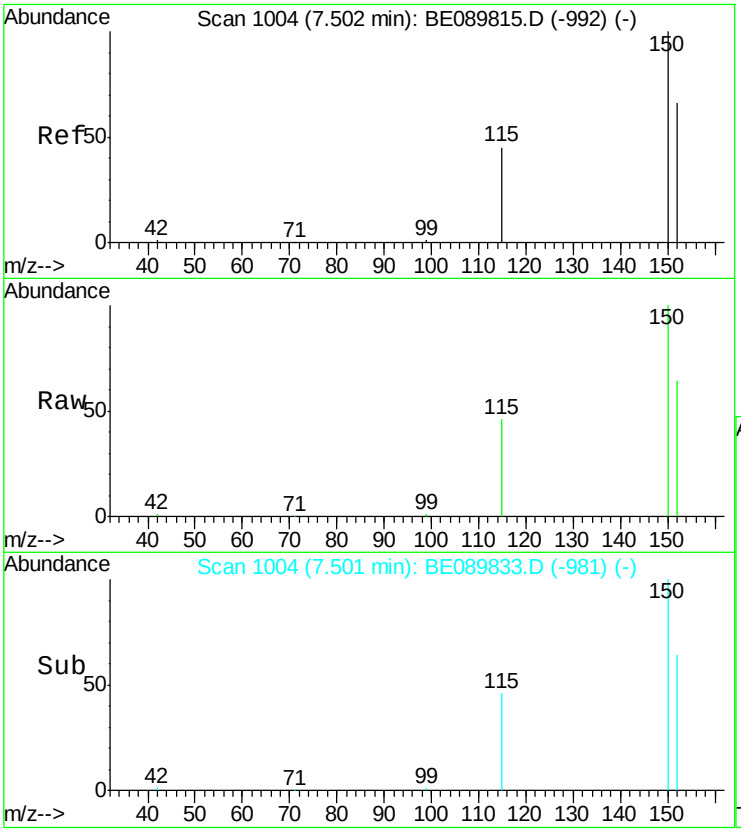


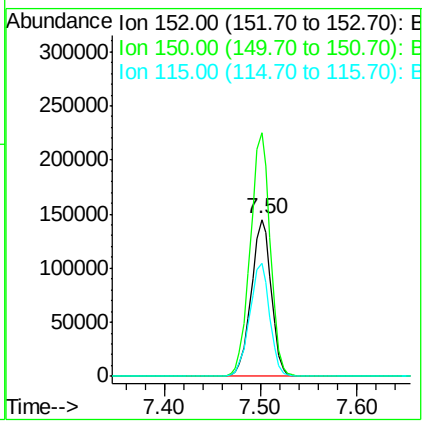


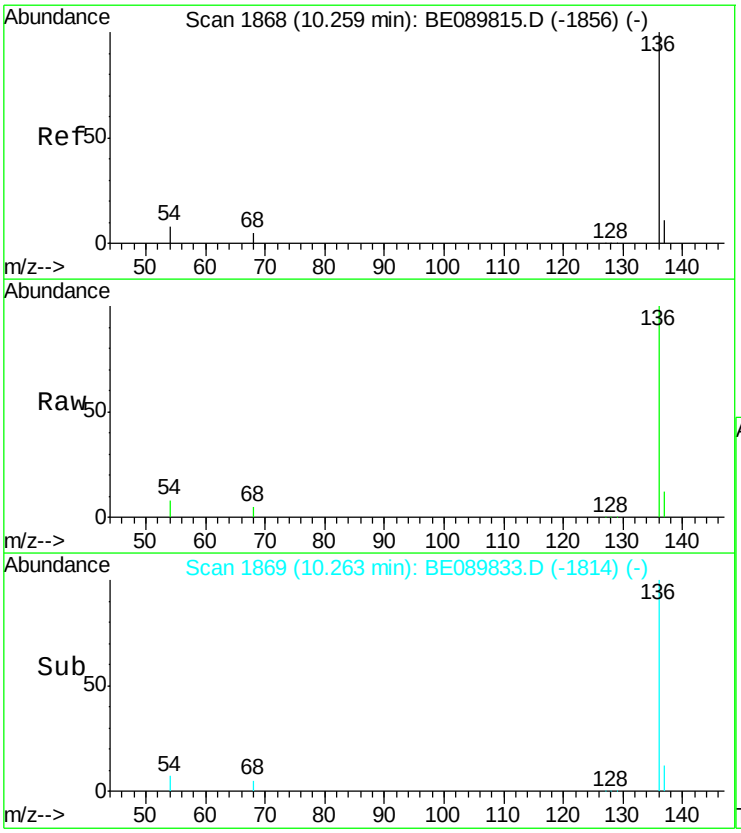
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.50 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE089833.D
Acq: 25 Mar 2015 5:35

Instrument :
BNA_E
ClientSampleId :
DUP-031715

Tgt Ion:152 Resp: 208001

Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.5	188.3
115	71.8	58.0	87.0

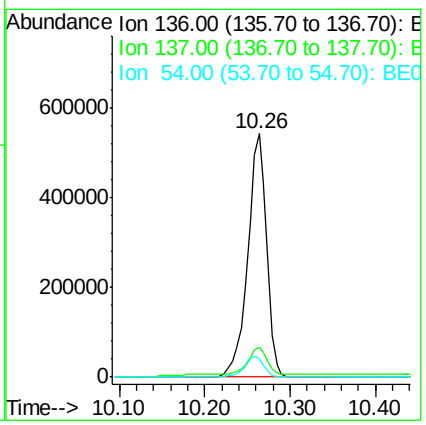


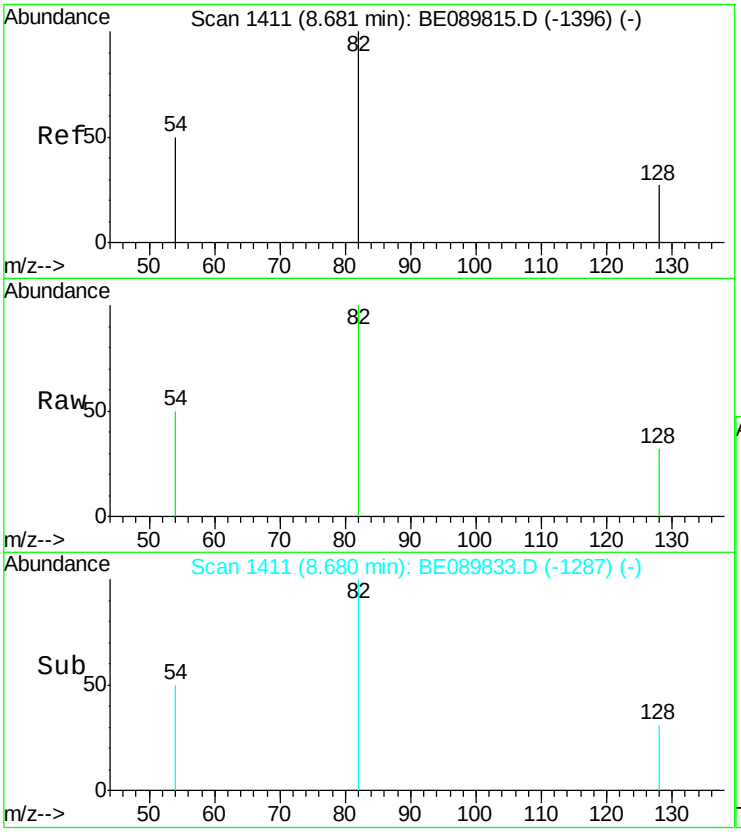


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 1869
Delta R.T. 0.01 min
Lab File: BE089833.D
Acq: 25 Mar 2015 5:35

Tgt Ion:136 Resp: 834633

Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.8	13.2
54	7.6	7.0	10.4



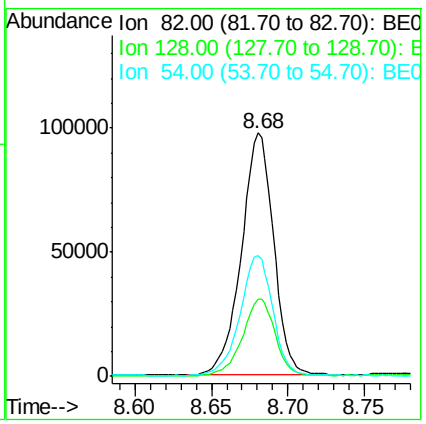


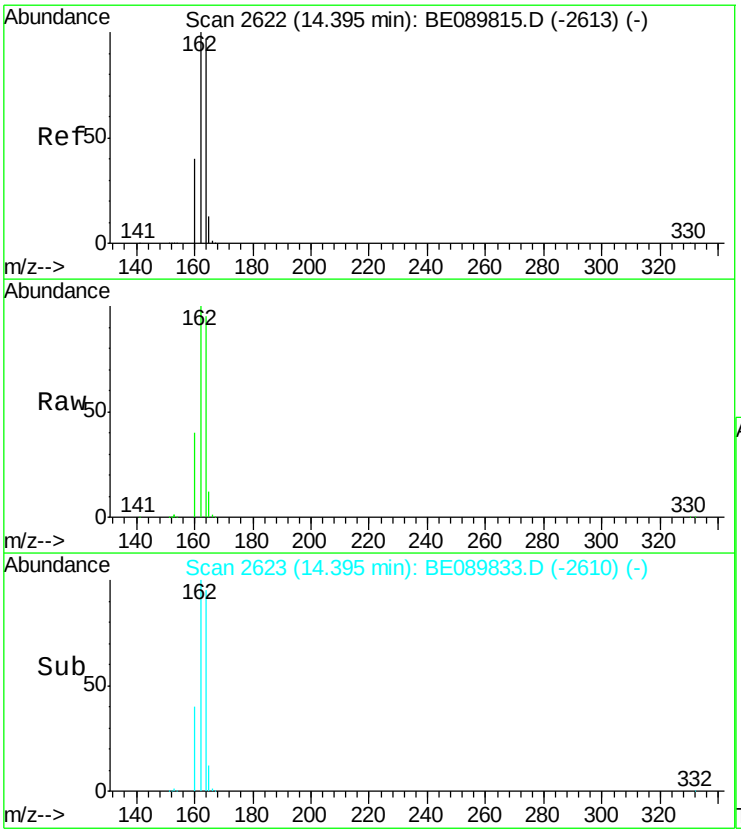
#5
Nitrobenzene-d5
Concen: 2.53 ng
RT: 8.68 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BE089833.D
Acq: 25 Mar 2015 5:35

Instrument :
BNA_E
ClientSampleId :
DUP-031715

Tgt Ion: 82 Resp: 142909

Ion	Ratio	Lower	Upper
82	100		
128	31.5	24.6	37.0
54	49.8	43.0	64.6

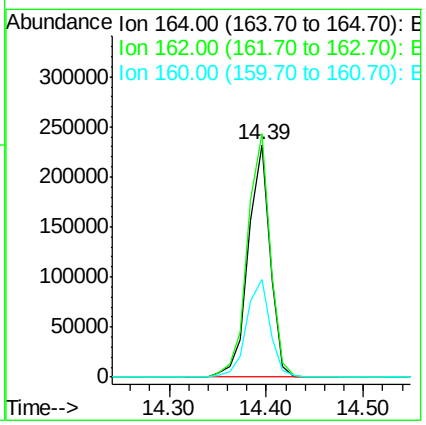


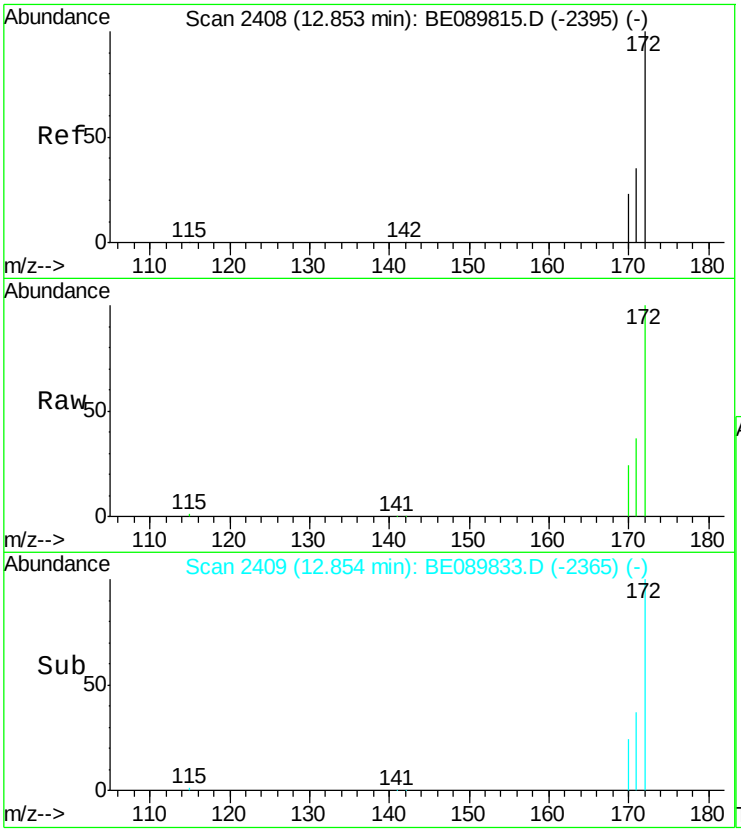


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.39 min Scan# 2623
Delta R.T. 0.01 min
Lab File: BE089833.D
Acq: 25 Mar 2015 5:35

Tgt Ion:164 Resp: 361631

Ion	Ratio	Lower	Upper
164	100		
162	104.9	87.6	131.4
160	42.2	36.7	55.1



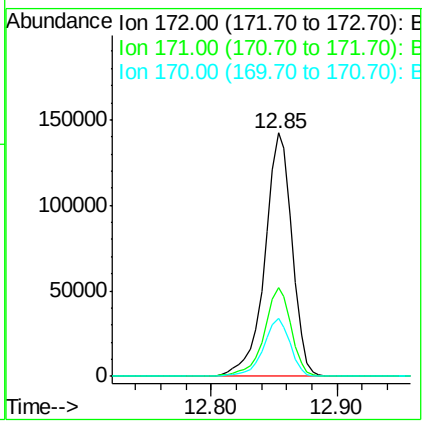


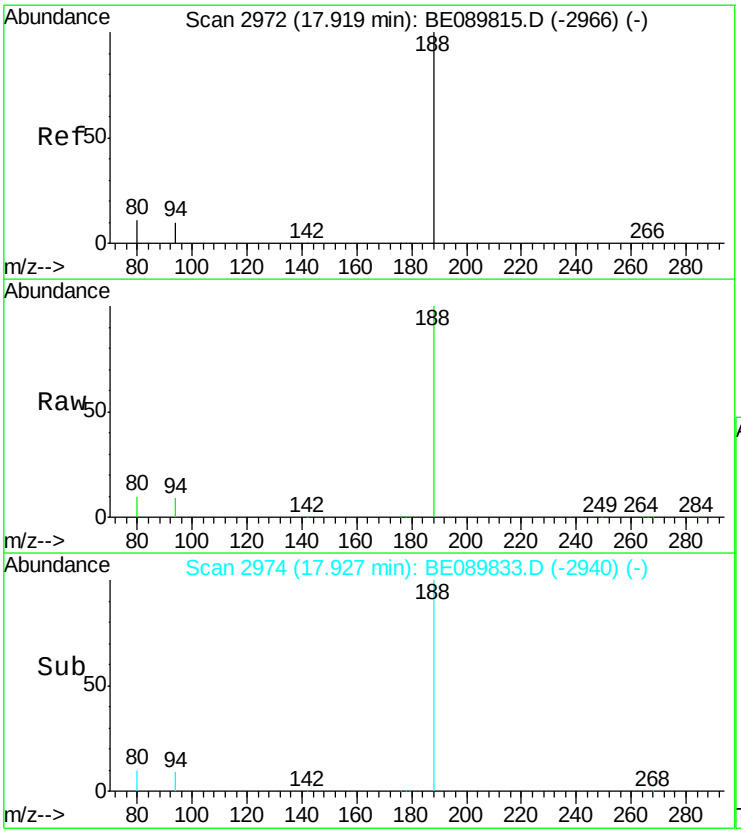
#9
2-Fluorobiphenyl
Concen: 2.52 ng
RT: 12.85 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BE089833.D
Acq: 25 Mar 2015 5:35

Instrument :
BNA_E
ClientSampleId :
DUP-031715

Tgt Ion:172 Resp: 213147

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.8	46.2
170	23.9	21.0	31.4

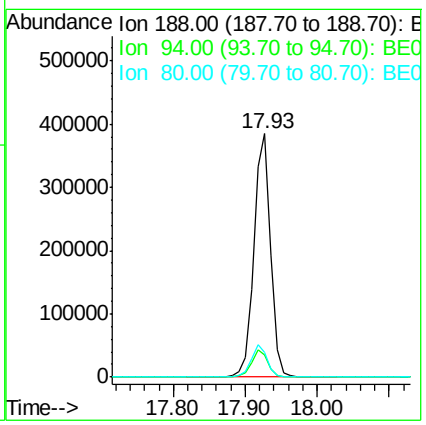


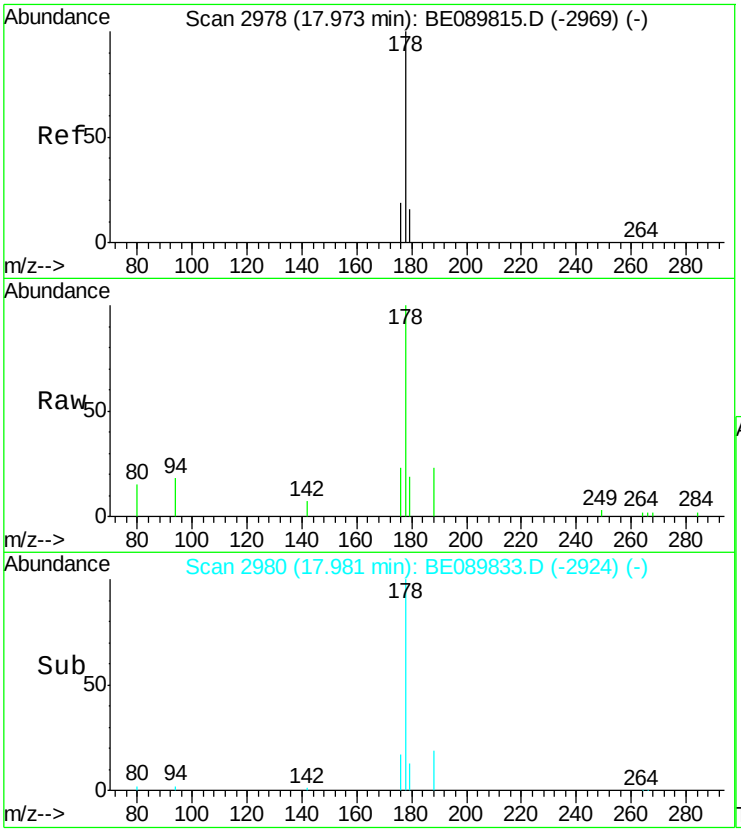


#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.93 min Scan# 2974
Delta R.T. 0.01 min
Lab File: BE089833.D
Acq: 25 Mar 2015 5:35

Tgt Ion:188 Resp: 619446

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.3	10.0	15.0



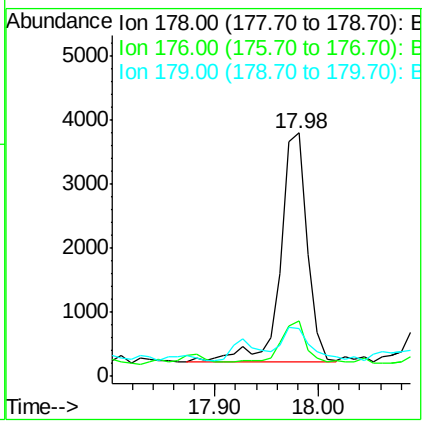


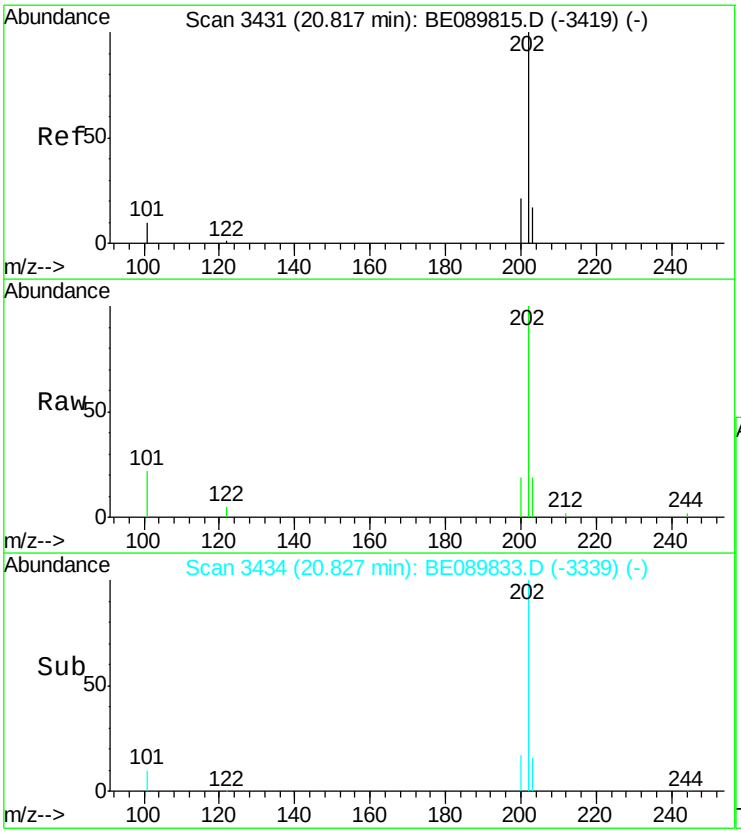
#16
Phenanthrene
Concen: 0.05 ng
RT: 17.98 min Scan# 2980
Delta R.T. 0.01 min
Lab File: BE089833.D
Acq: 25 Mar 2015 5:35

Instrument :
BNA_E
ClientSampleId :
DUP-031715

Tgt Ion:178 Resp: 6436

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.4	23.0
179	13.8	12.2	18.4

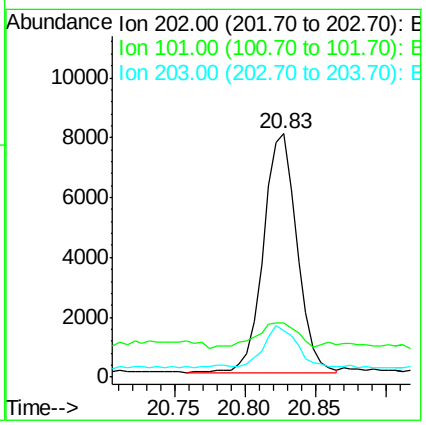


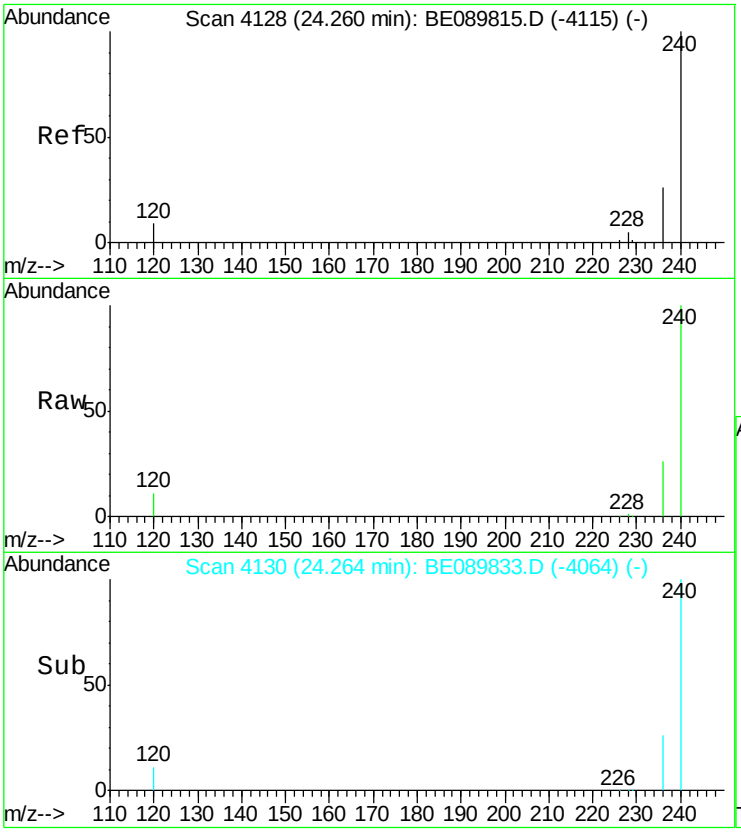


#18
Fluoranthene
Concen: 0.11 ng
RT: 20.83 min Scan# 3434
Delta R.T. 0.01 min
Lab File: BE089833.D
Acq: 25 Mar 2015 5:35

Tgt Ion:202 Resp: 13196

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.2	12.2
203	16.7	14.2	21.4



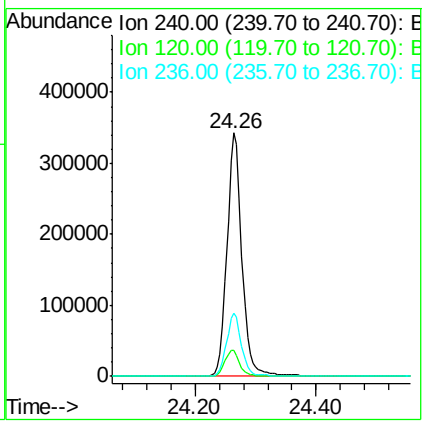


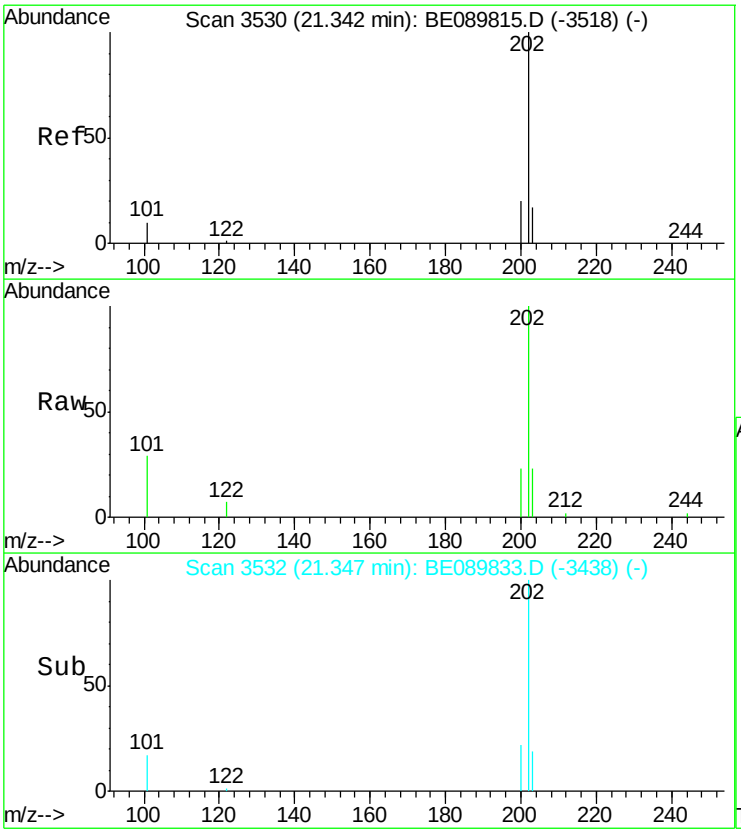
#19
Chrysene-d12
Concen: 5.00 ng
RT: 24.26 min Scan# 4130
Delta R.T. 0.00 min
Lab File: BE089833.D
Acq: 25 Mar 2015 5:35

Instrument :
BNA_E
ClientSampleId :
DUP-031715

Tgt Ion:240 Resp: 587282

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.5	11.3
236	26.2	20.5	30.7

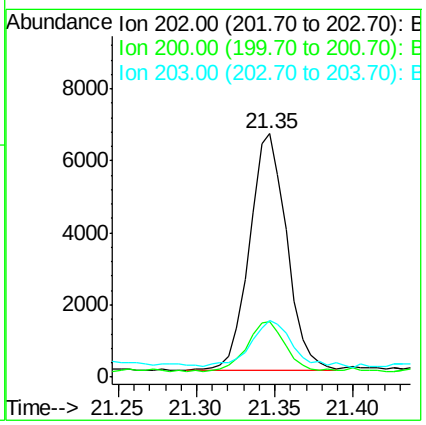


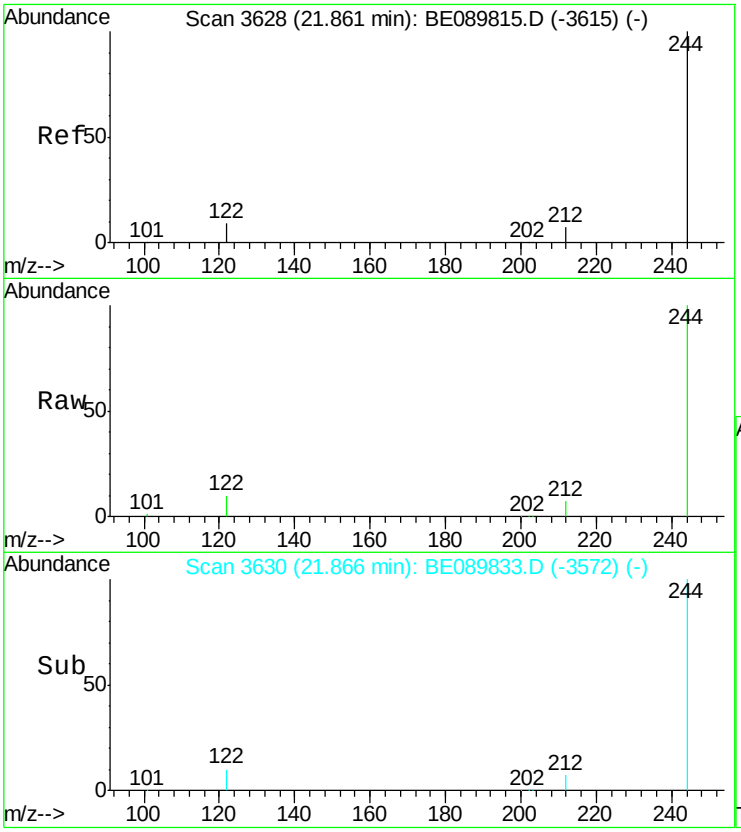


#20
Pyrene
Concen: 0.07 ng
RT: 21.35 min Scan# 3532
Delta R.T. -0.00 min
Lab File: BE089833.D
Acq: 25 Mar 2015 5:35

Tgt Ion:202 Resp: 10953

Ion	Ratio	Lower	Upper
202	100		
200	21.8	15.9	23.9
203	23.3	13.6	20.4#



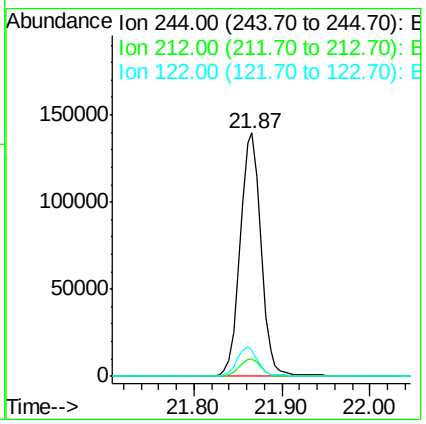


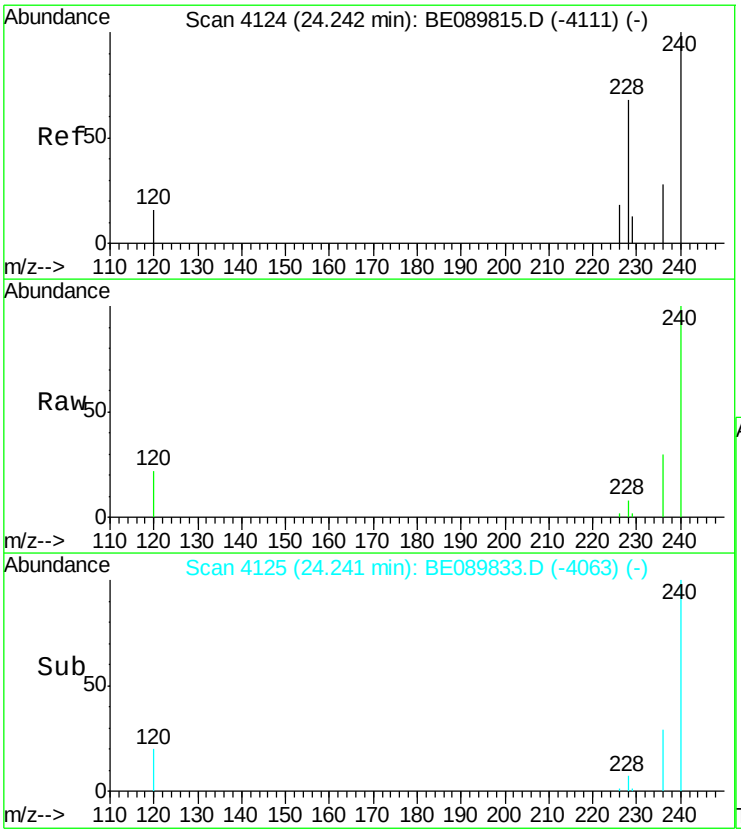
#21
Terphenyl-d14
Concen: 2.65 ng
RT: 21.87 min Scan# 3630
Delta R.T. 0.01 min
Lab File: BE089833.D
Acq: 25 Mar 2015 5:35

Instrument :
BNA_E
ClientSampleId :
DUP-031715

Tgt Ion:244 Resp: 229372

Ion	Ratio	Lower	Upper
244	100		
212	7.0	7.3	10.9#
122	10.4	10.5	15.7#

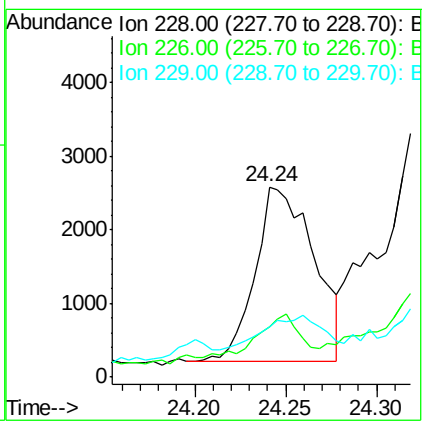


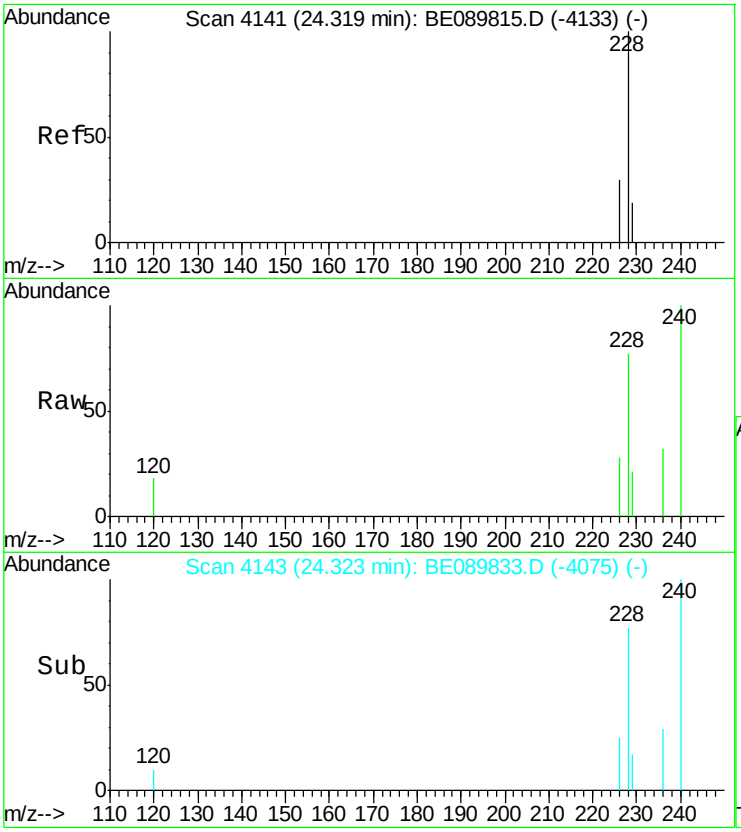


#22
Benzo(a)anthracene
Concen: 0.05 ng
RT: 24.24 min Scan# 4125
Delta R.T. -0.01 min
Lab File: BE089833.D
Acq: 25 Mar 2015 5:35

Tgt Ion:228 Resp: 5403

Ion	Ratio	Lower	Upper
228	100		
226	26.2	19.8	29.8
229	26.1	16.3	24.5#



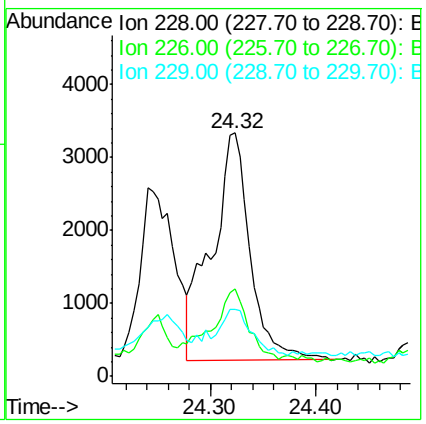


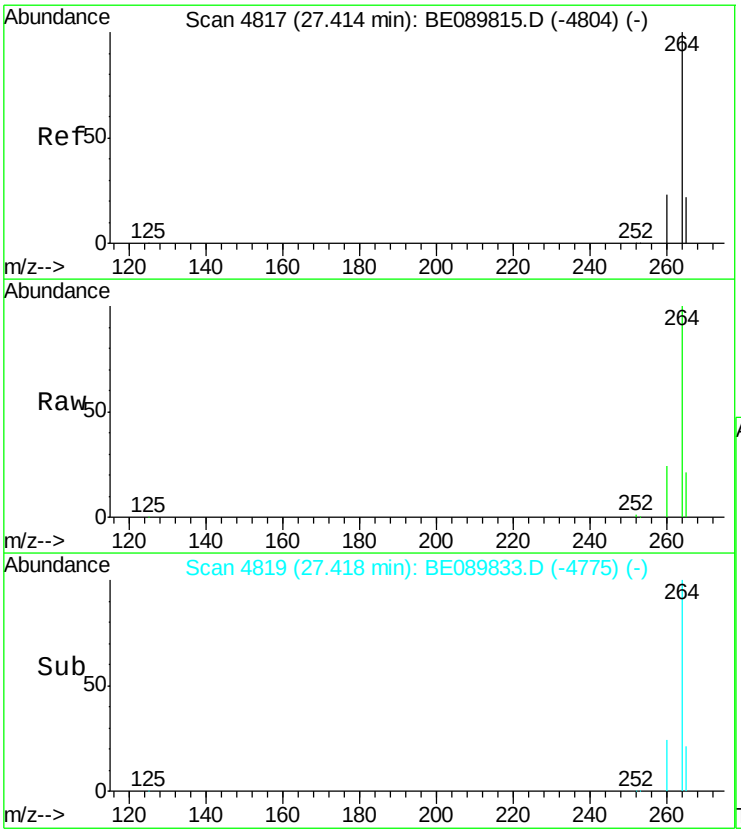
#23
Chrysene
Concen: 0.07 ng
RT: 24.32 min Scan# 4143
Delta R.T. 0.01 min
Lab File: BE089833.D
Acq: 25 Mar 2015 5:35

Instrument :
BNA_E
ClientSampleId :
DUP-031715

Tgt Ion:228 Resp: 7931

Ion	Ratio	Lower	Upper
228	100		
226	36.0	23.0	34.4#
229	27.7	15.8	23.6#

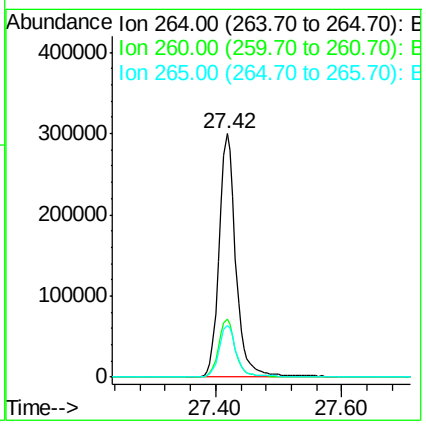


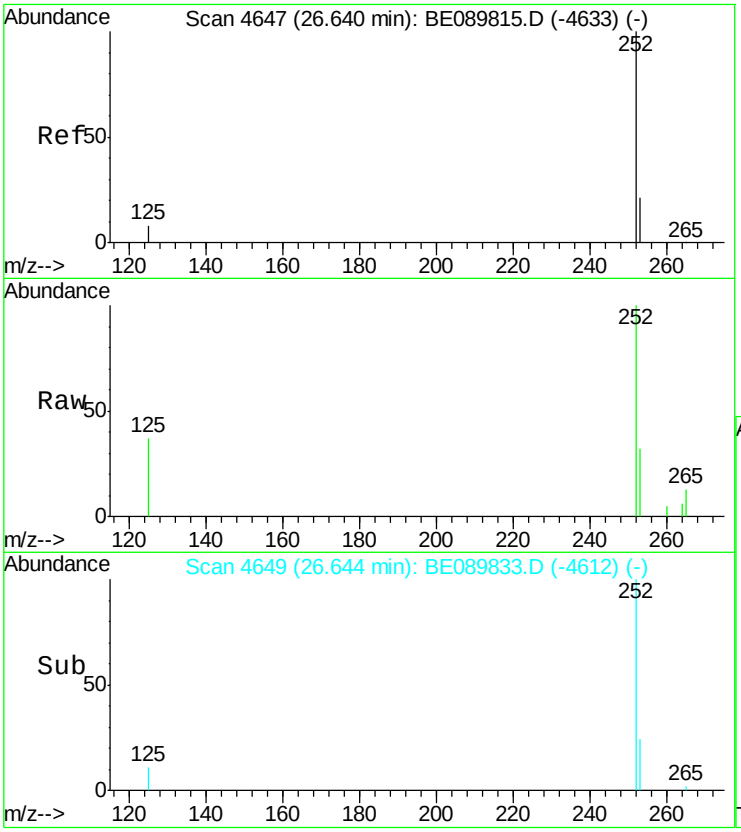


#25
Perylene-d12
Concen: 5.00 ng
RT: 27.42 min Scan# 4819
Delta R.T. 0.00 min
Lab File: BE089833.D
Acq: 25 Mar 2015 5:35

Tgt Ion:264 Resp: 553662

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





#26
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 26.64 min Scan# 4649
Delta R.T. 0.01 min
Lab File: BE089833.D
Acq: 25 Mar 2015 5:35

Instrument :
BNA_E
ClientSampleId :
DUP-031715

Tgt Ion:252 Resp: 8281

Ion	Ratio	Lower	Upper
252	100		
253	32.3	17.8	26.6#
125	36.8	8.7	13.1#