Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020515\
Data File : BE089514.D
Acq On : 5 Feb 2015 22:09
Operator : TP/IZ
Sample : PB81591BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB81591BSD

Quant Time: Feb 06 04:12:42 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE020515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 06 03:21:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.49	152	27863	5.00	ng	0.00
2) Naphthalene-d8	12.40	136	115715	5.00	ng	0.00
6) Acenaphthene-d10	16.59	164	54569	5.00	ng	0.00
11) Phenanthrene-d10	19.90	188	104473	5.00	ng	0.00
16) Chrysene-d12	23.76	240	116856	5.00	ng	0.00
22) Perylene-d12	25.46	264	117520	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.76	82	61109	6.92	ng	0.00
7) 2-Fluorobiphenyl	15.03	172	112604	6.55	ng	0.00
18) Terphenyl-d14	22.40	244	148447	7.30	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	12.44	128	148522	5.10	ng	99
5) 2-Methylnaphthalene	14.10	142	98721	5.17	ng	95
8) Acenaphthylene	16.24	152	643105	5.49	ng	100
9) Acenaphthene	16.65	154	94899	5.28	ng	100
10) Fluorene	17.91	166	115363	5.95	ng	98
12) Pentachlorophenol	19.58	266	15990	0.32	ng	94
13) Phenanthrene	19.94	178	180896	5.70	ng	99
14) Anthracene	20.04	178	181731	6.48	ng	100
15) Fluoranthene	21.83	202	187707	6.42	ng	99
17) Pyrene	22.15	202	201624	6.04	ng	99
19) Benzo(a)anthracene	23.75	228	774339	6.41	ng	98
20) Chrysene	23.79	228	771492	6.46	ng	99
21) Indeno(1,2,3-cd)pyrene	26.93	276	920201	6.96	ng	97
23) Benzo(b)fluoranthene	25.02	252	181077	6.11	ng	99
24) Benzo(k)fluoranthene	25.05	252	224184	5.98	ng	96
25) Benzo(a)pyrene	25.39	252	194686	6.64	ng	98
26) Dibenzo(a,h)anthracene	26.95	278	204525	6.76	ng	97
27) Benzo(g,h,i)perylene	27.36	276	784821	6.82	ng	95

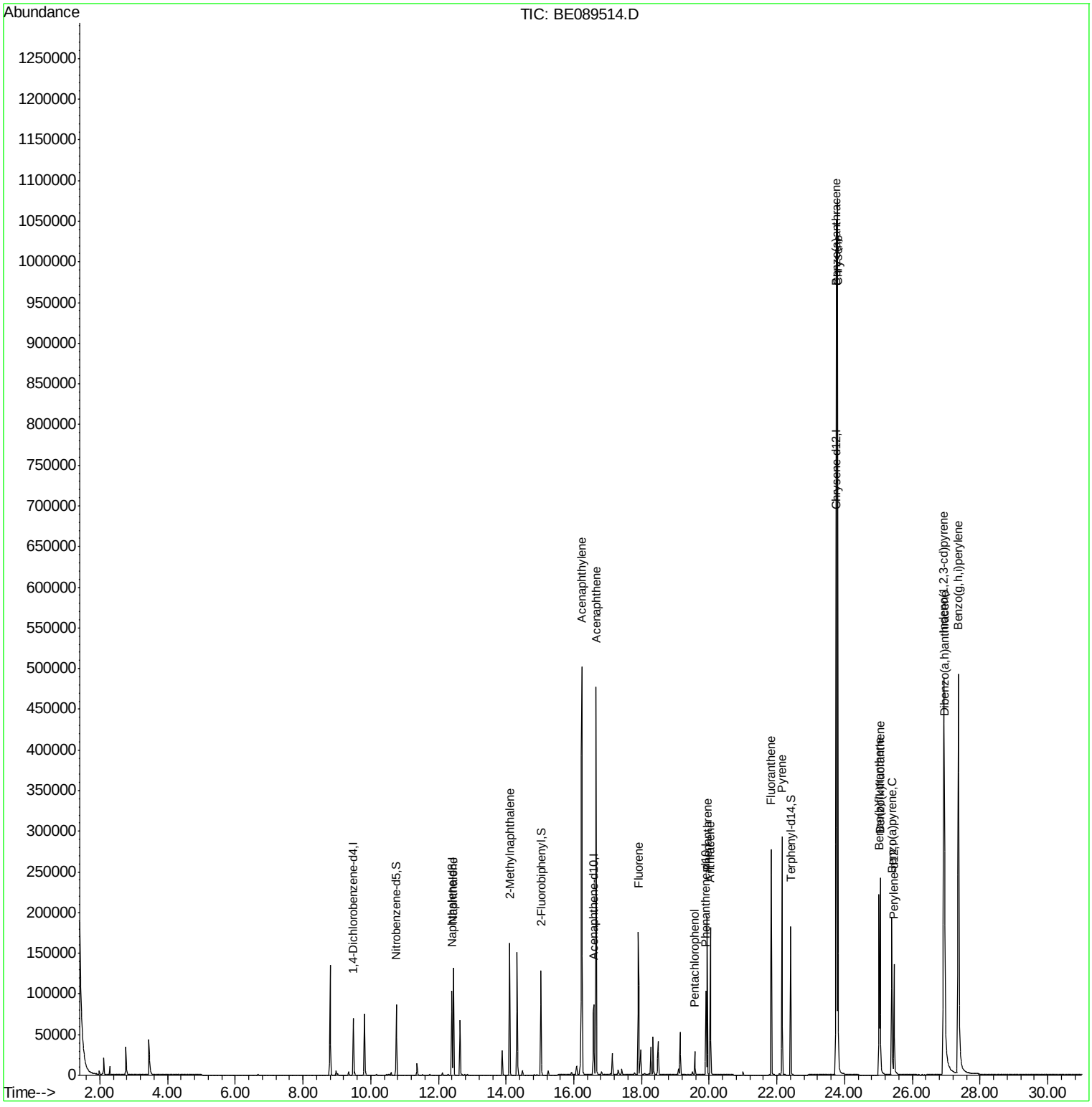
(#) = qualifier out of range (m) = manual integration (+) = signals summed

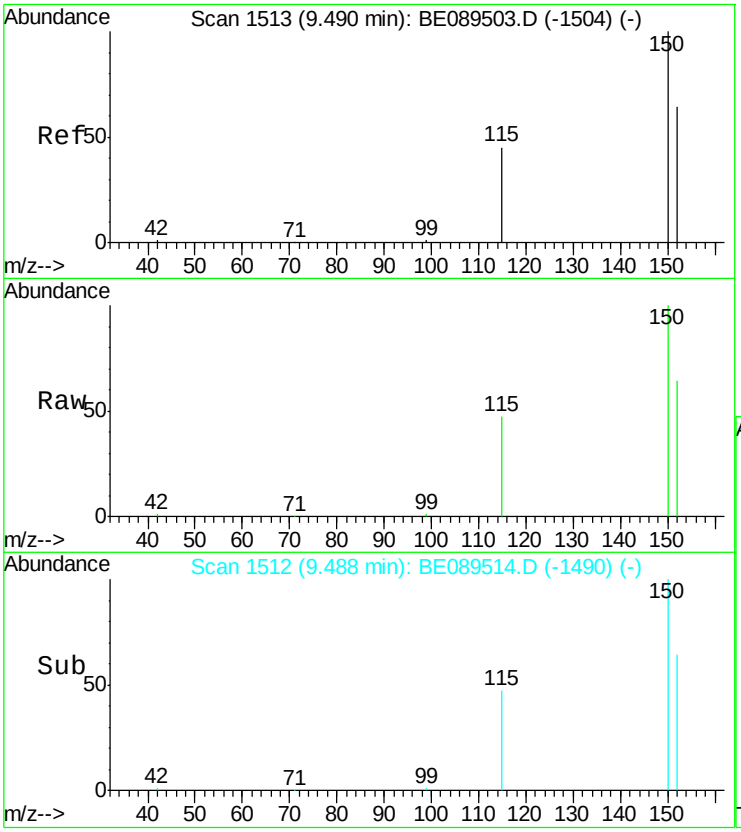
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020515\
Data File : BE089514.D
Acq On : 5 Feb 2015 22:09
Operator : TP/IZ
Sample : PB81591BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB81591BSD

Quant Time: Feb 06 04:12:42 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE020515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 06 03:21:38 2015
Response via : Initial Calibration



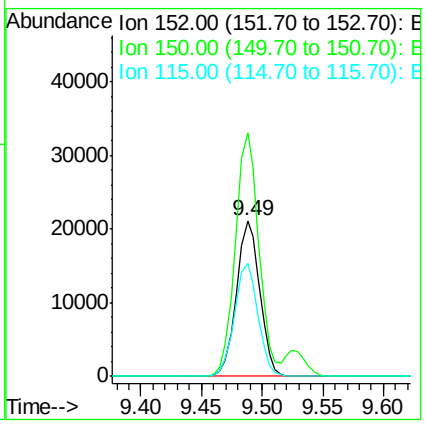


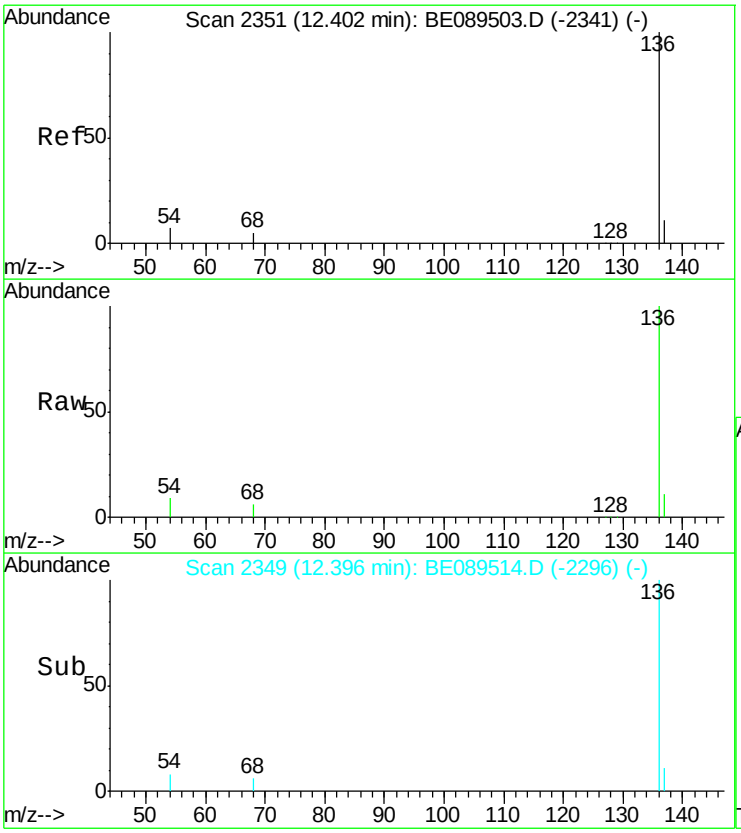
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.49 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Instrument :
BNA_E
ClientSampleId :
PB81591BSD

Tgt Ion:152 Resp: 27863

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.0	187.6
115	73.0	56.6	85.0

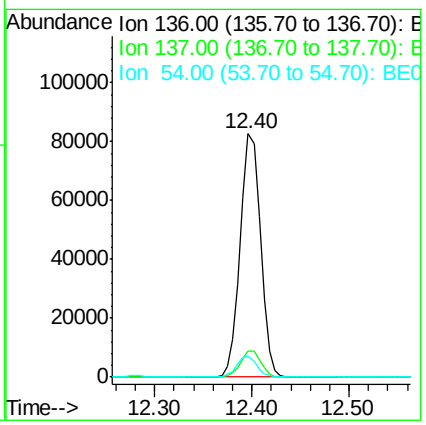


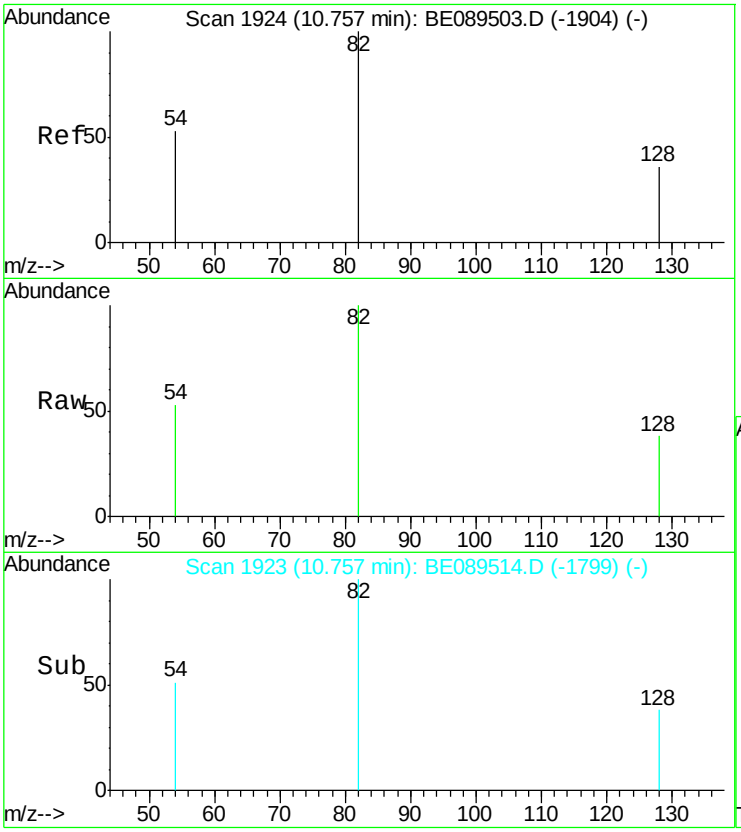


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.40 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Tgt Ion:136 Resp: 115715

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.5	6.0	9.0



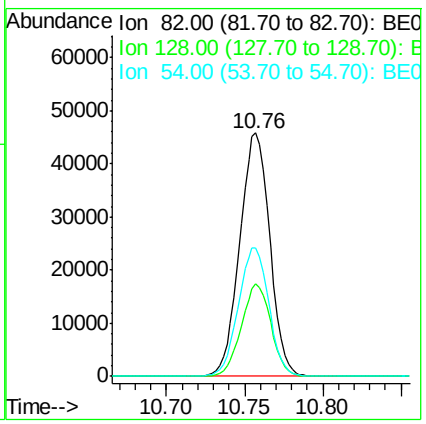


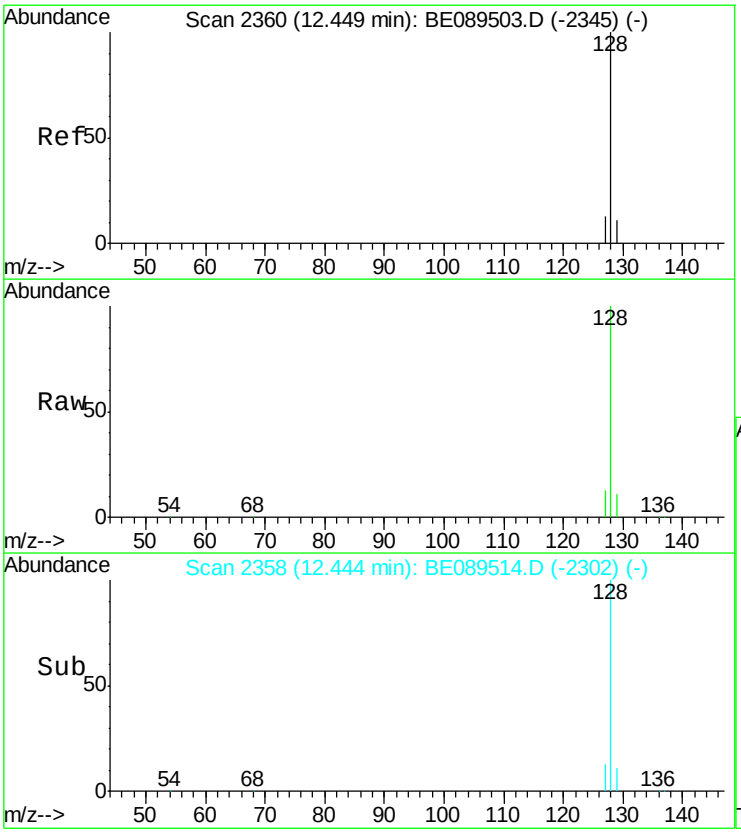
#3
Nitrobenzene-d5
Concen: 6.92 ng
RT: 10.76 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Instrument :
BNA_E
ClientSampleId :
PB81591BSD

Tgt Ion: 82 Resp: 61109

Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.3	43.9
54	52.6	42.6	64.0

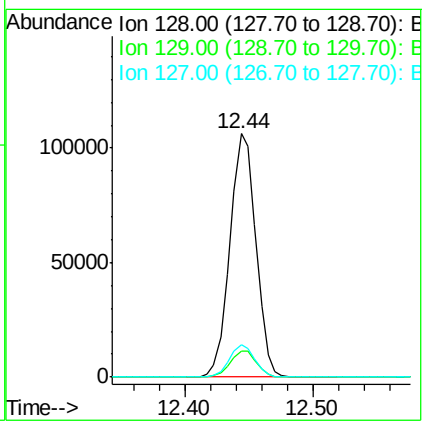


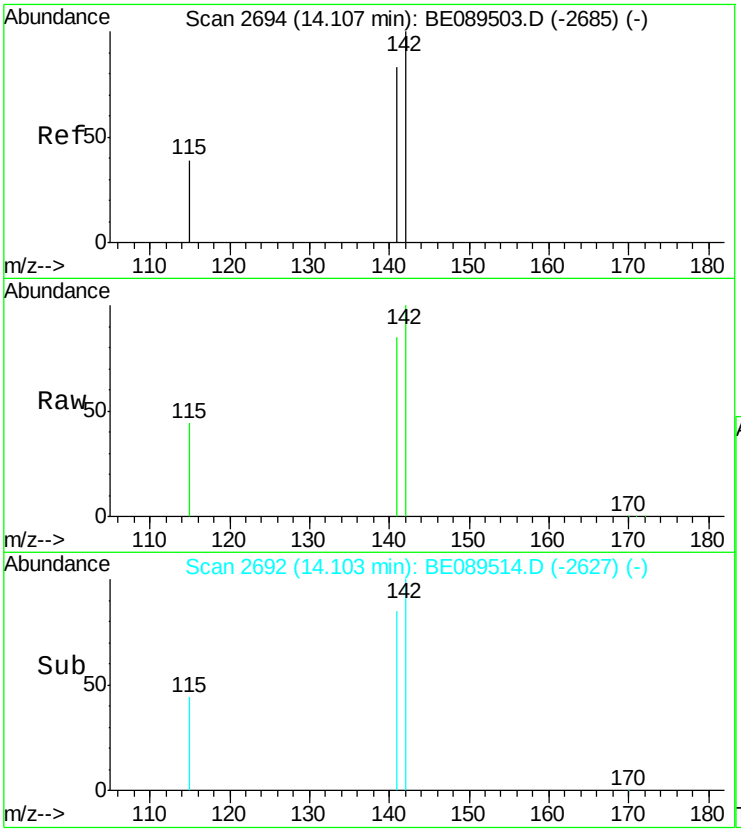


#4
Naphthalene
Concen: 5.10 ng
RT: 12.44 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Tgt Ion:128 Resp: 148522

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.2	10.3	15.5



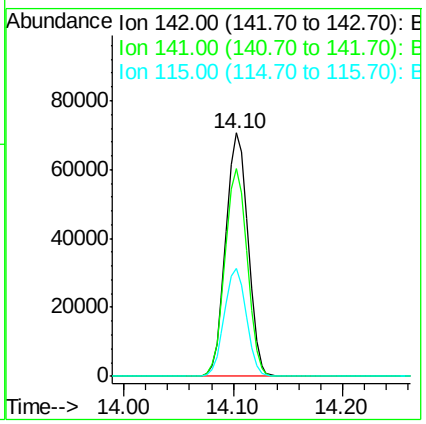


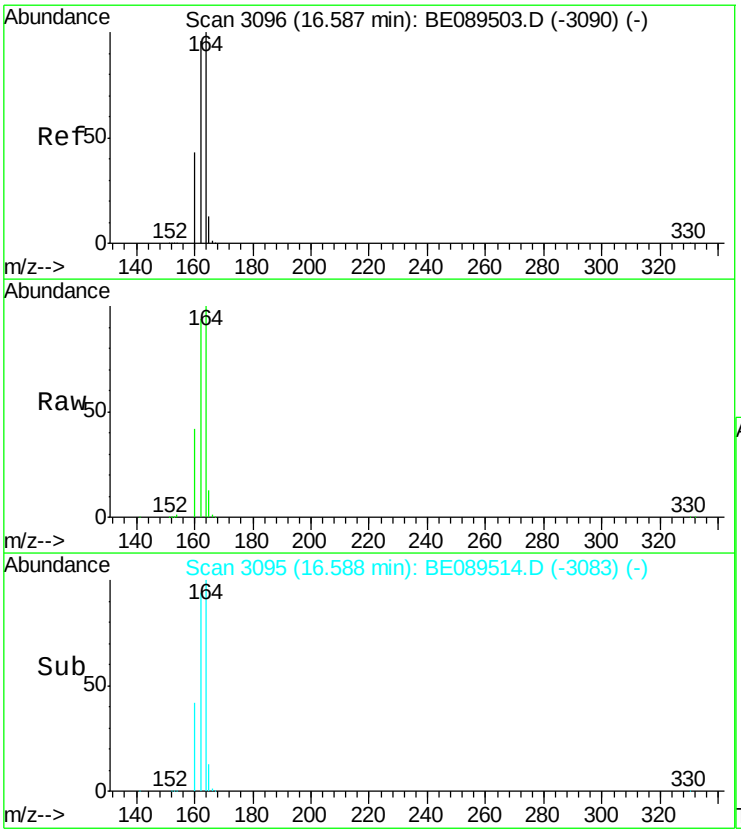
#5
2-Methylnaphthalene
Concen: 5.17 ng
RT: 14.10 min Scan# 2692
Delta R.T. -0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Instrument :
BNA_E
ClientSampleId :
PB81591BSD

Tgt Ion:142 Resp: 98721

Ion	Ratio	Lower	Upper
142	100		
141	85.4	66.3	99.5
115	44.3	31.1	46.7

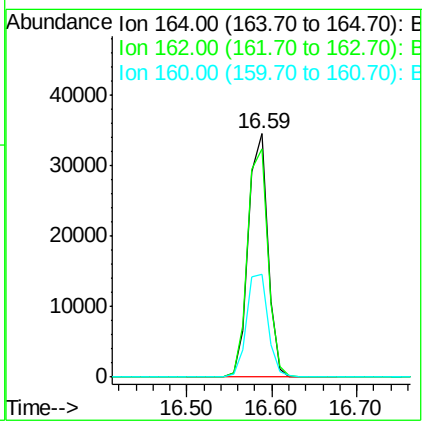


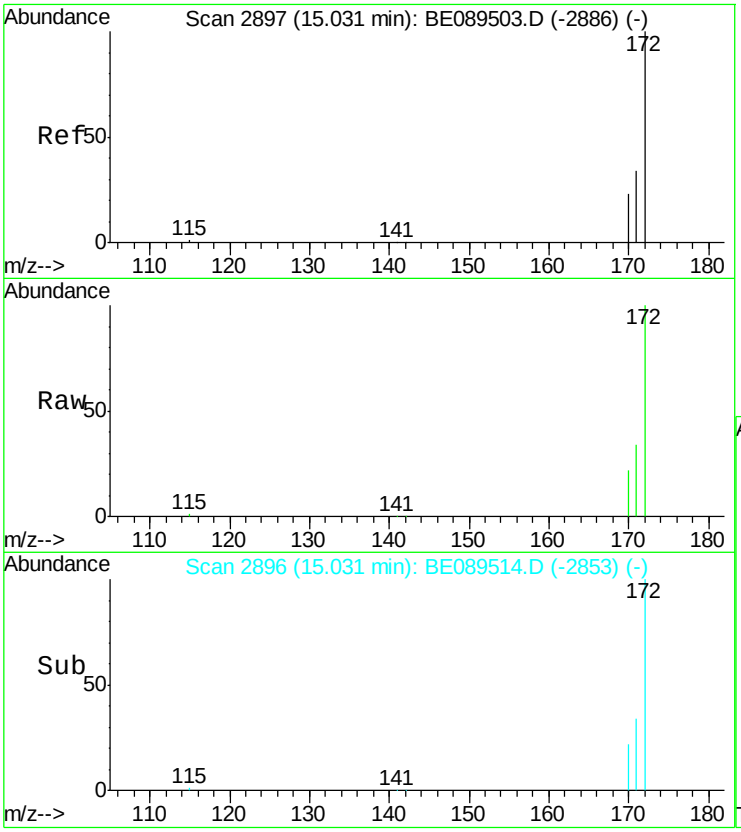


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.59 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Tgt Ion:164 Resp: 54569

Ion	Ratio	Lower	Upper
164	100		
162	93.6	76.6	115.0
160	42.1	34.6	52.0



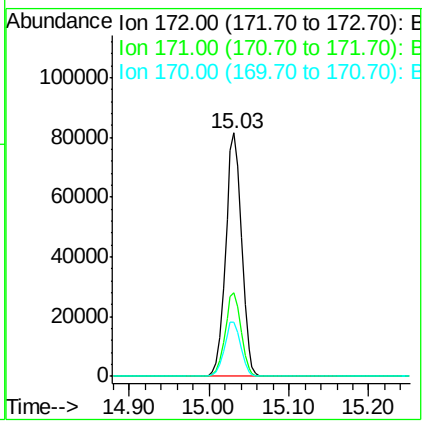


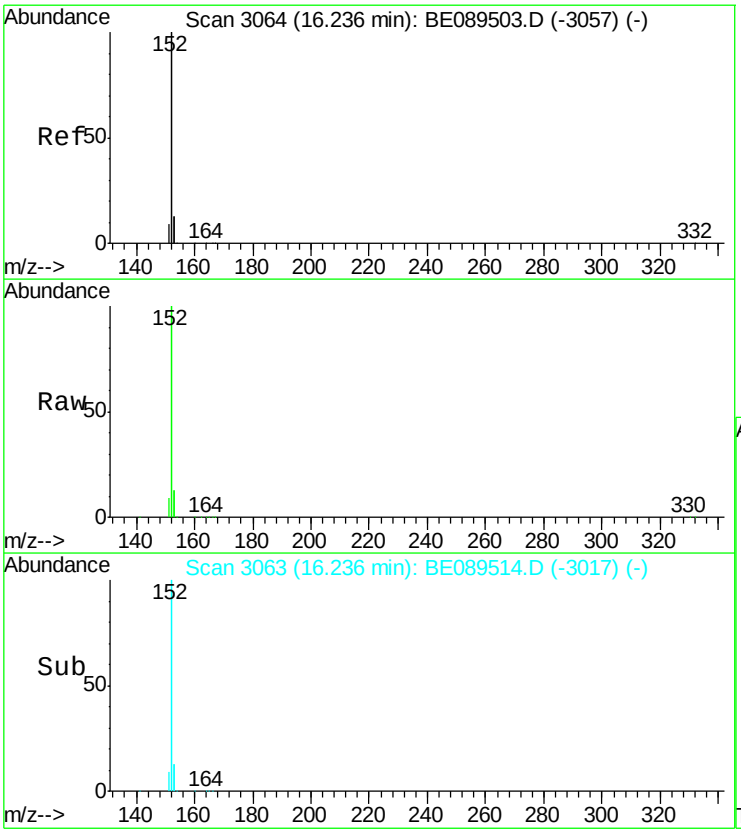
#7
2-Fluorobiphenyl
Concen: 6.55 ng
RT: 15.03 min Scan# 2896
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Instrument :
BNA_E
ClientSampleId :
PB81591BSD

Tgt Ion:172 Resp: 112604

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	22.2	18.4	27.6

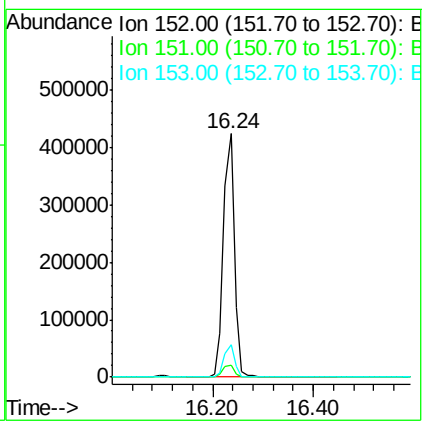


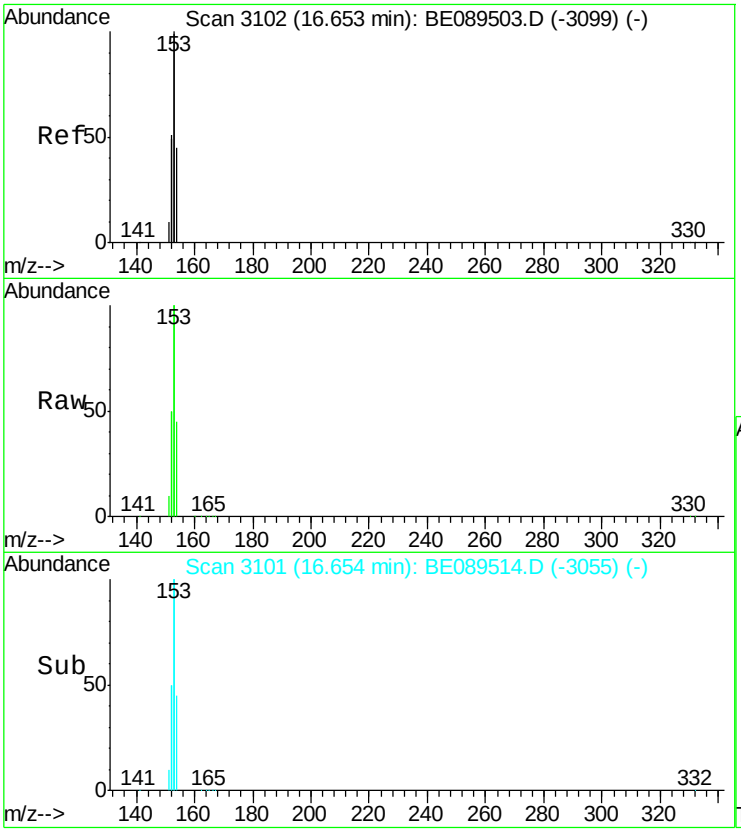


#8
Acenaphthylene
Concen: 5.49 ng
RT: 16.24 min Scan# 3063
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Tgt Ion:152 Resp: 643105

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.9	10.4	15.6



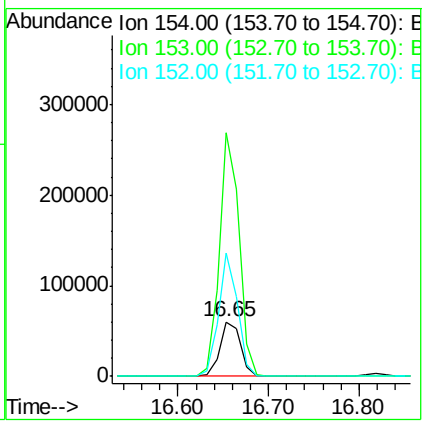


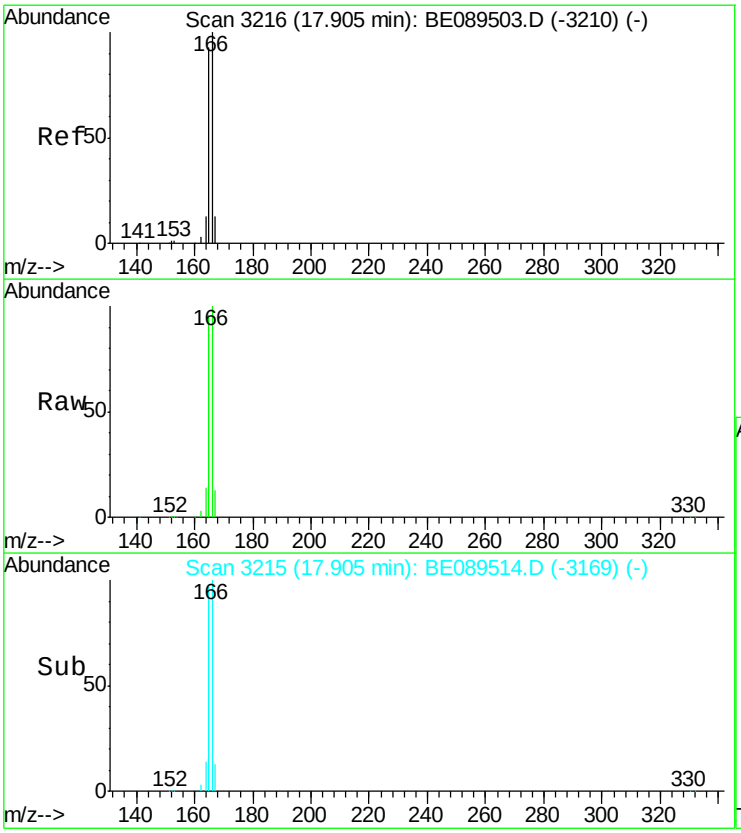
#9
Acenaphthene
Concen: 5.28 ng
RT: 16.65 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Instrument :
BNA_E
ClientSampleId :
PB81591BSD

Tgt Ion:154 Resp: 94899

Ion	Ratio	Lower	Upper
154	100		
153	428.0	341.5	512.3
152	207.9	166.6	249.8

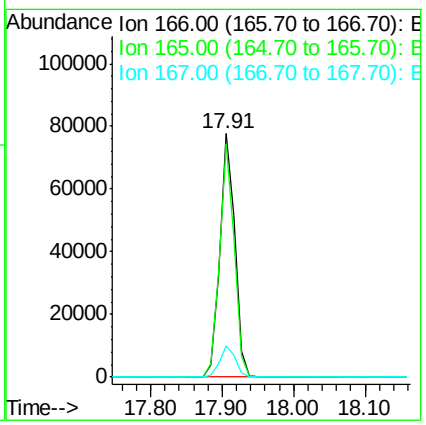


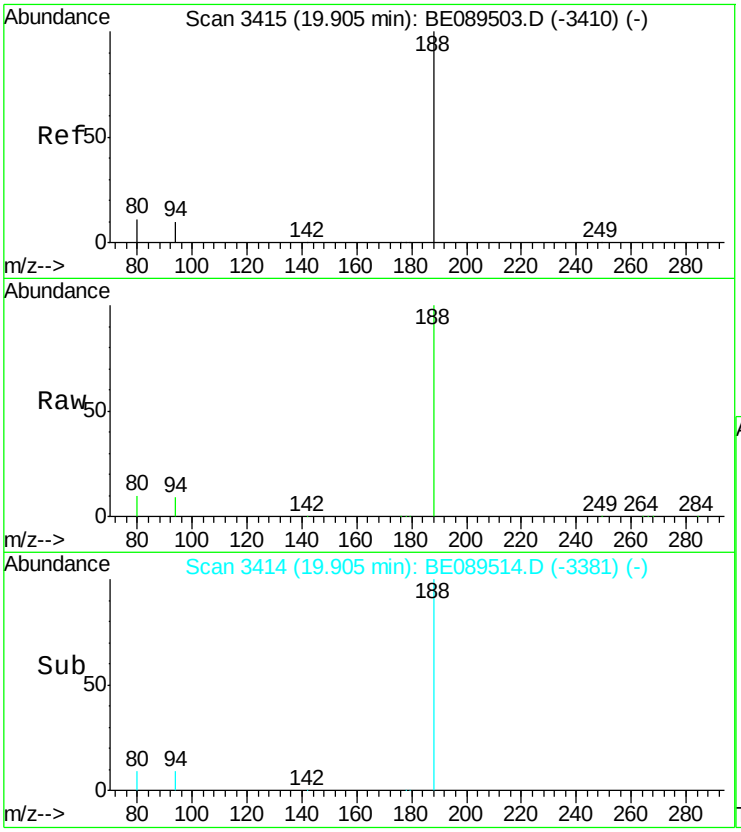


#10
Fluorene
Concen: 5.95 ng
RT: 17.91 min Scan# 3215
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Tgt Ion:166 Resp: 115363

Ion	Ratio	Lower	Upper
166	100		
165	93.8	73.6	110.4
167	13.1	10.6	15.8



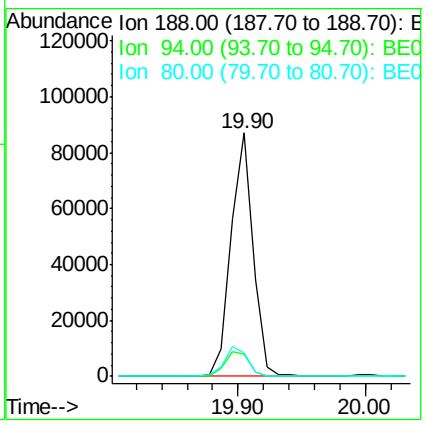


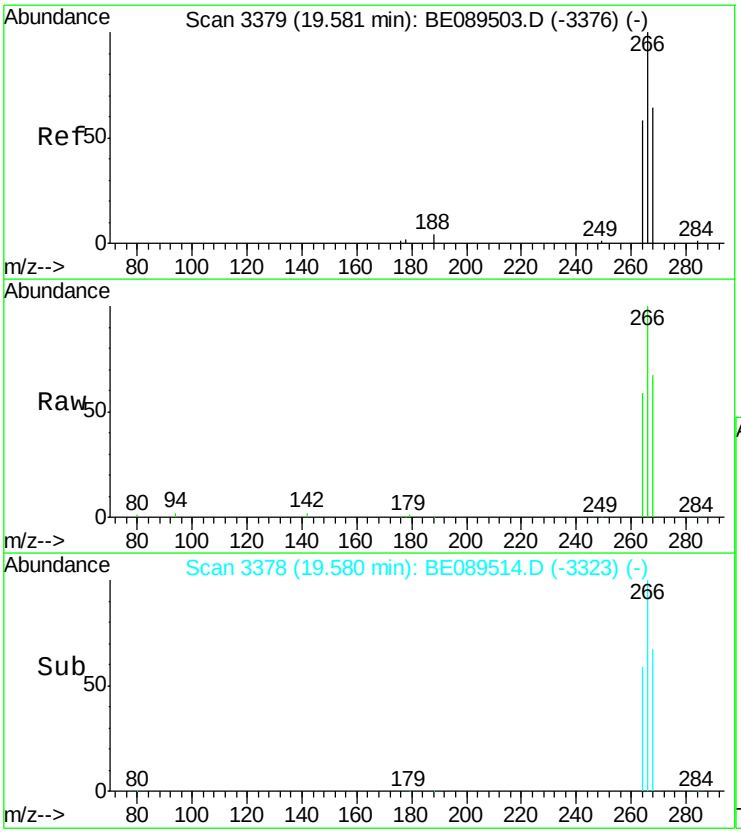
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.90 min Scan# 3414
Delta R.T. -0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Instrument :
BNA_E
ClientSampleId :
PB81591BSD

Tgt Ion:188 Resp: 104473

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.4
80	9.6	8.7	13.1

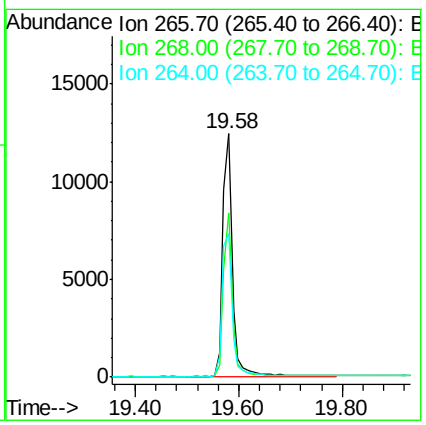


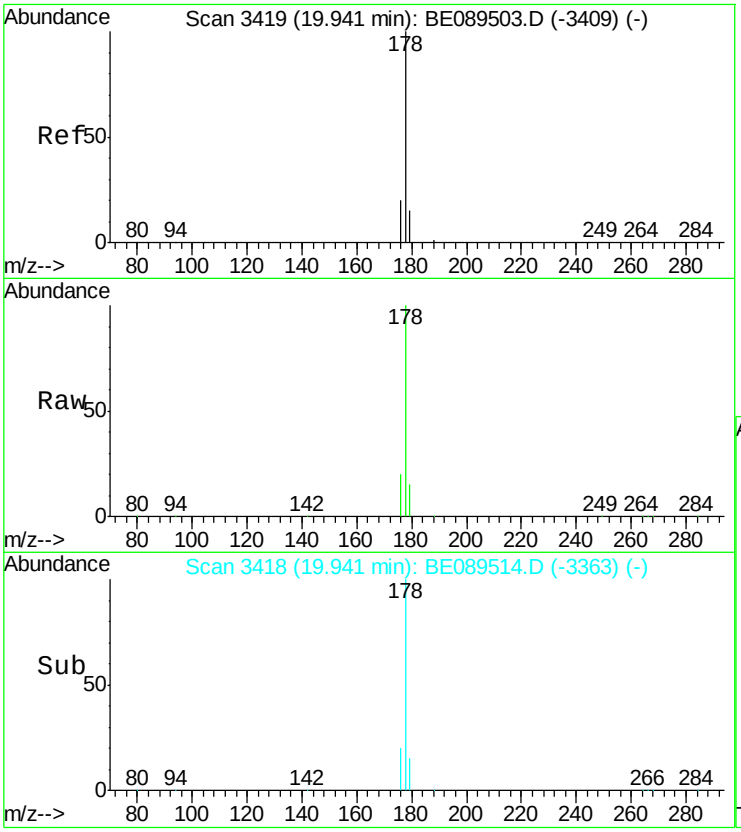


#12
Pentachlorophenol
Concen: 0.32 ng
RT: 19.58 min Scan# 3378
Delta R.T. -0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Tgt Ion:266 Resp: 15990

Ion	Ratio	Lower	Upper
266	100		
268	67.4	56.7	85.1
264	58.9	51.9	77.9



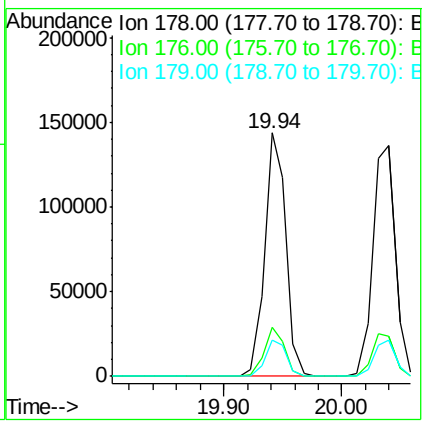


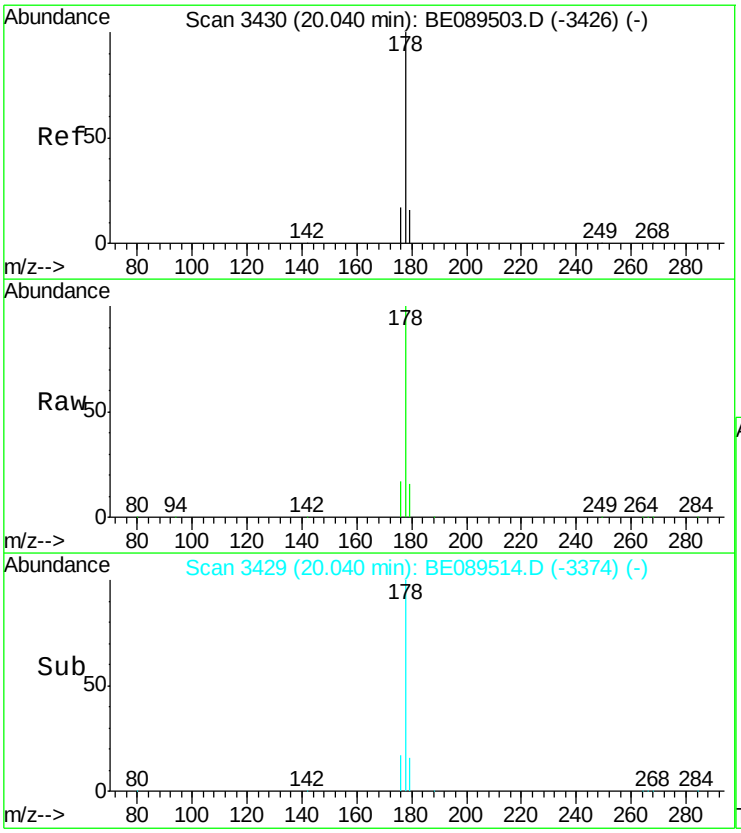
#13
Phenanthrene
Concen: 5.70 ng
RT: 19.94 min Scan# 3418
Delta R.T. -0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Instrument :
BNA_E
ClientSampleId :
PB81591BSD

Tgt Ion:178 Resp: 180896

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.1	12.4	18.6

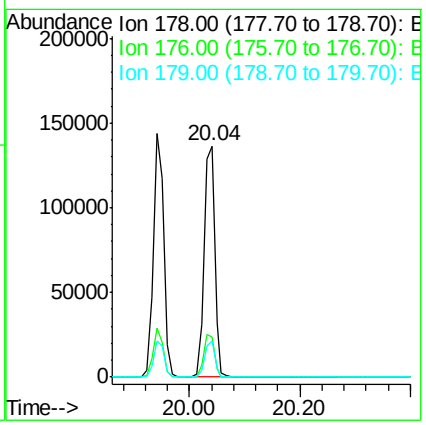


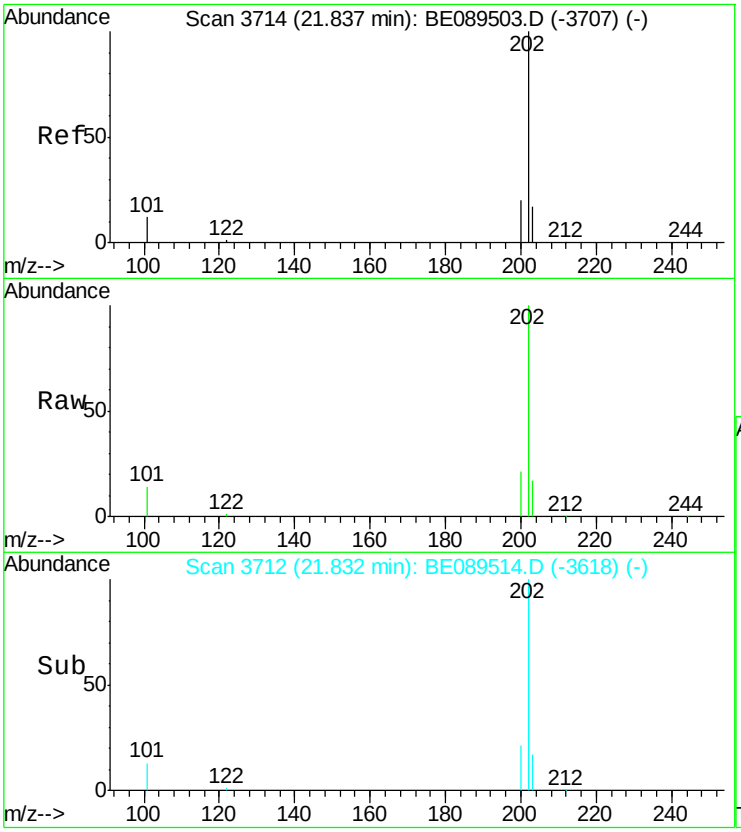


#14
Anthracene
Concen: 6.48 ng
RT: 20.04 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Tgt Ion:178 Resp: 181731

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.0	12.1	18.1



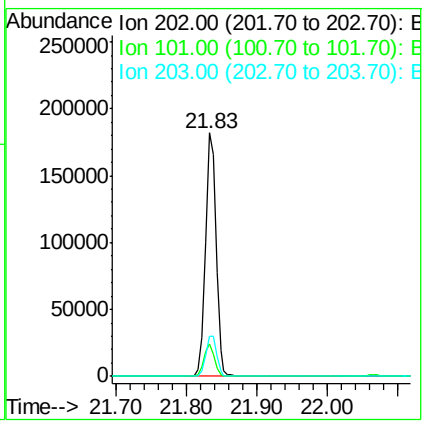


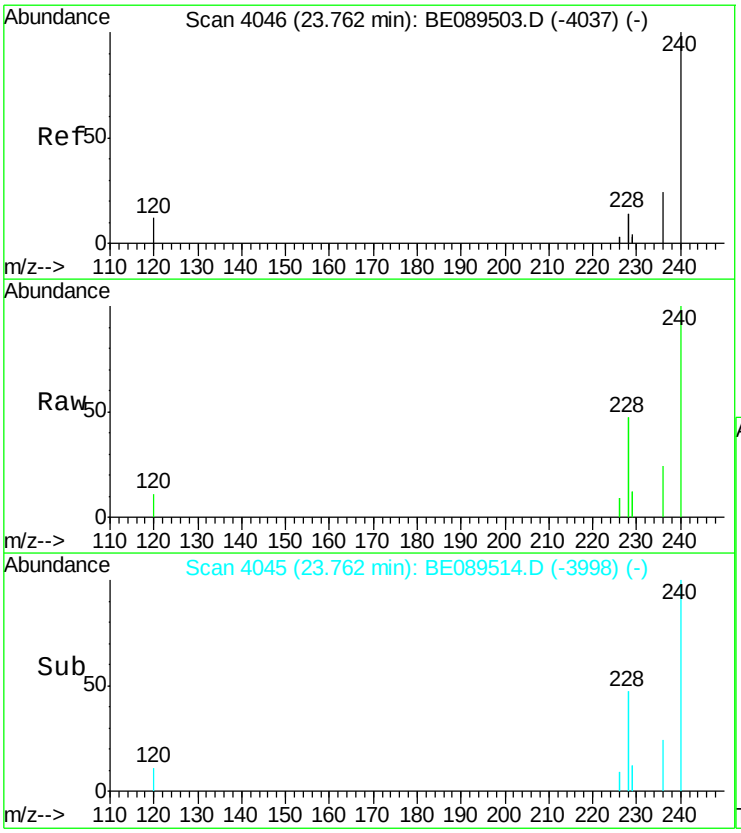
#15
Fluoranthene
Concen: 6.42 ng
RT: 21.83 min Scan# 3712
Delta R.T. -0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Instrument :
BNA_E
ClientSampleId :
PB81591BSD

Tgt Ion:202 Resp: 187707

Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.3	16.9
203	17.2	13.8	20.6

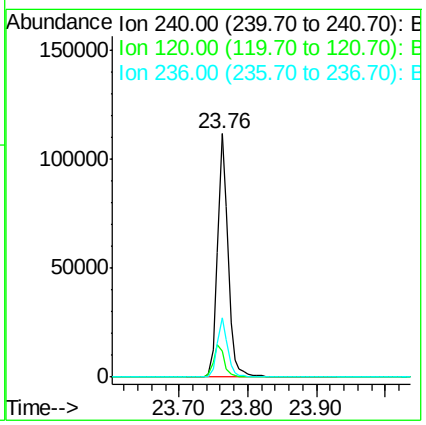


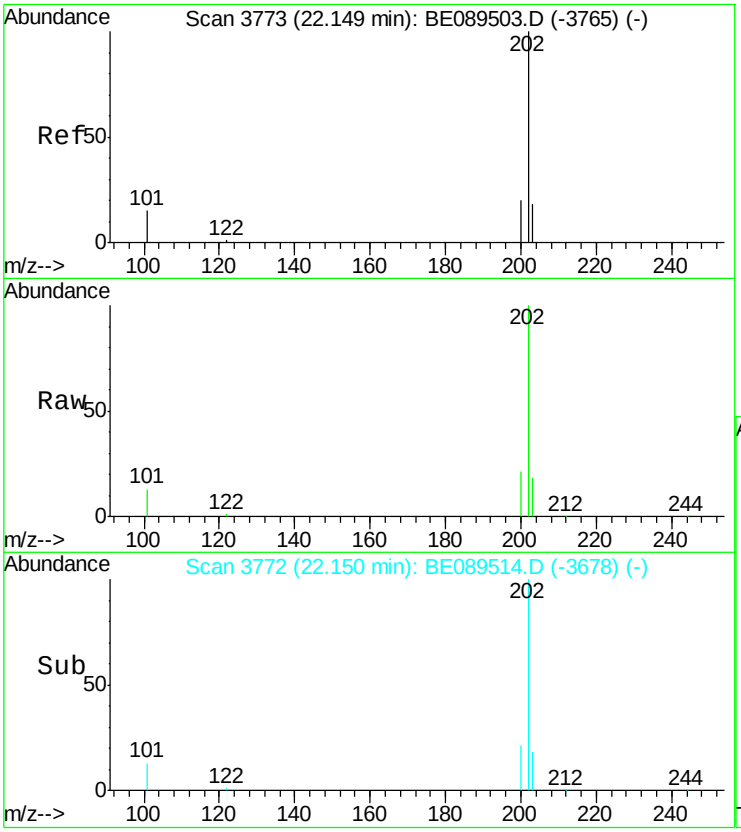


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 4045
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Tgt Ion:240 Resp: 116856

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.6	14.4
236	24.2	19.4	29.2



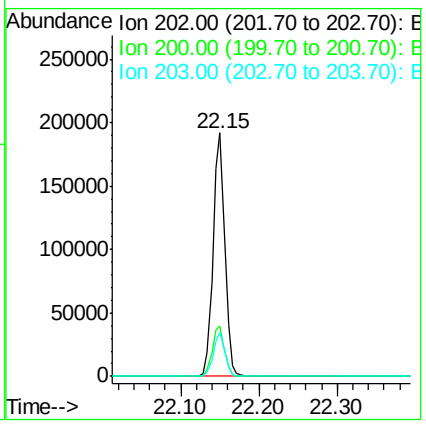


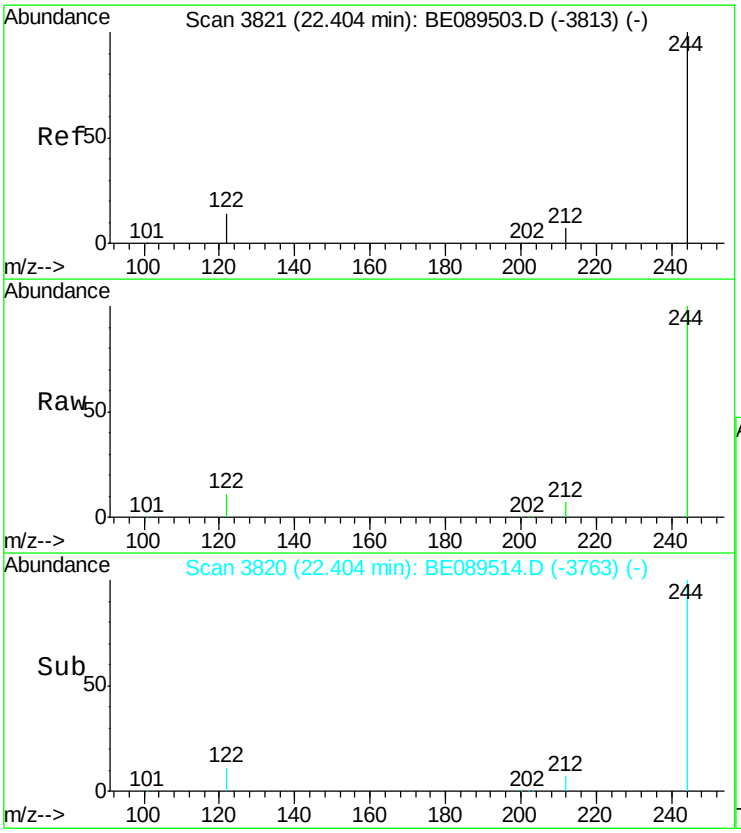
#17
Pyrene
Concen: 6.04 ng
RT: 22.15 min Scan# 3772
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Instrument :
BNA_E
ClientSampleId :
PB81591BSD

Tgt Ion:202 Resp: 201624

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.5	24.7
203	17.9	14.0	21.0

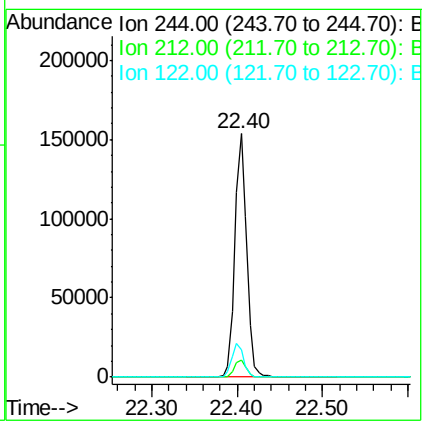


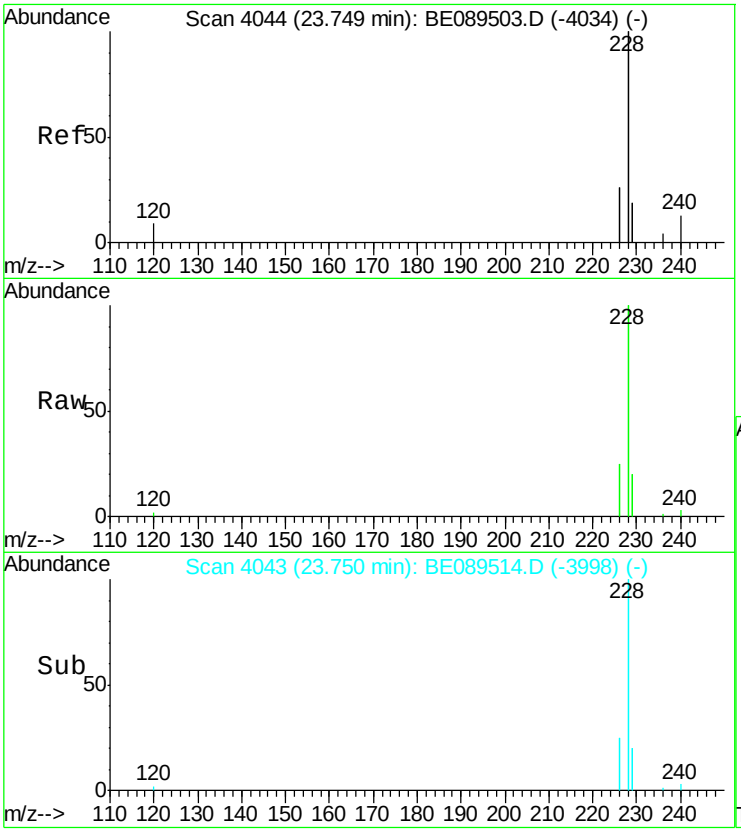


#18
Terphenyl-d14
Concen: 7.30 ng
RT: 22.40 min Scan# 3820
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Tgt Ion:244 Resp: 148447

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	11.4	11.1	16.7



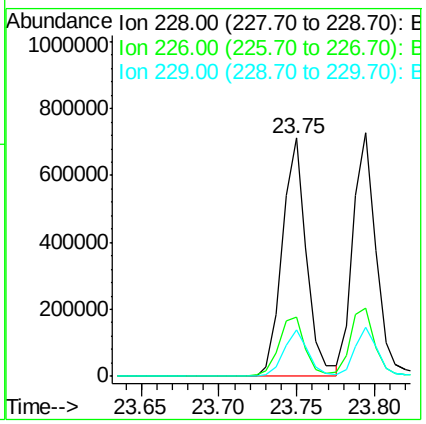


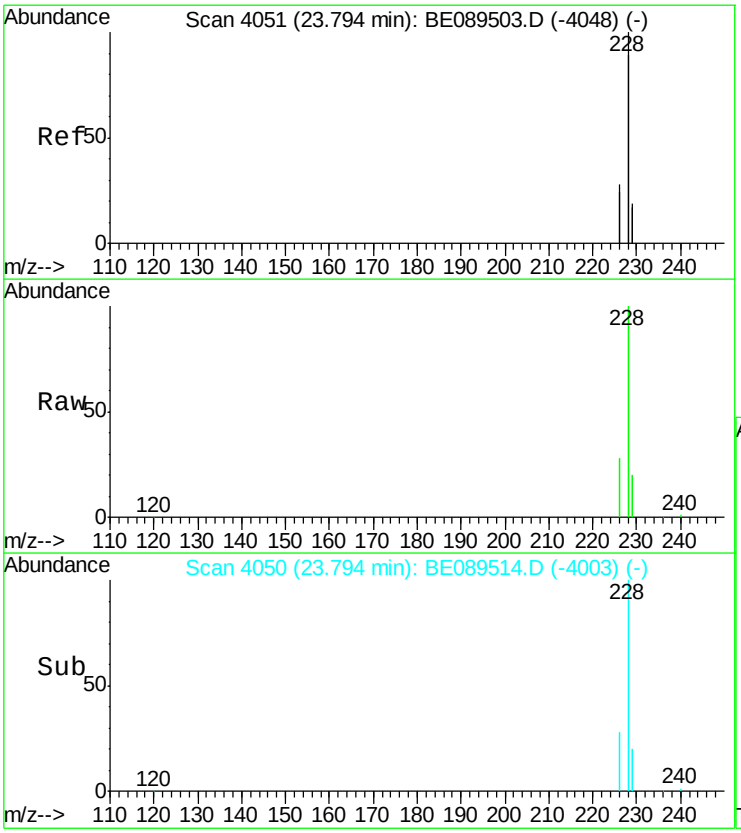
#19
Benzo(a)anthracene
Concen: 6.41 ng
RT: 23.75 min Scan# 4043
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Instrument :
BNA_E
ClientSampleId :
PB81591BSD

Tgt Ion:228 Resp: 774339

Ion	Ratio	Lower	Upper
228	100		
226	25.1	21.0	31.6
229	19.8	15.5	23.3

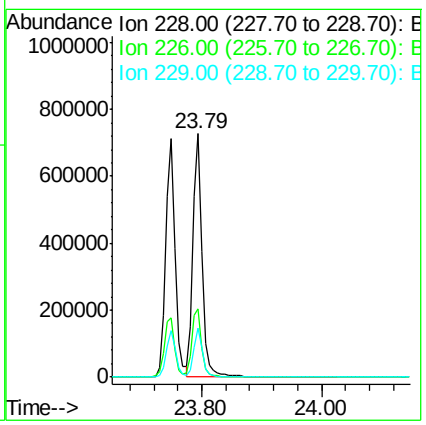


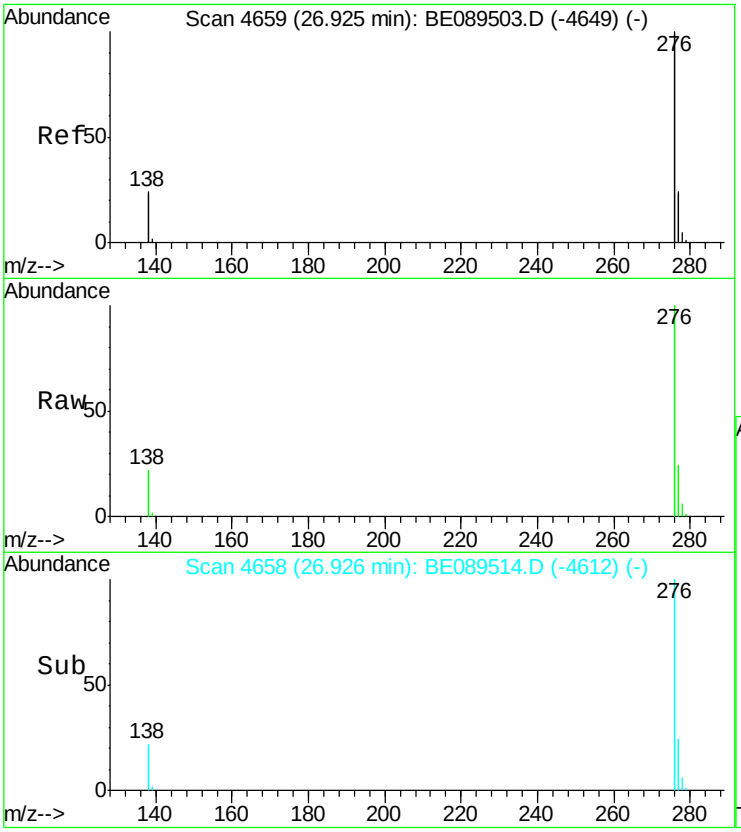


#20
Chrysene
Concen: 6.46 ng
RT: 23.79 min Scan# 4050
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Tgt Ion:228 Resp: 771492

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	19.9	15.4	23.0



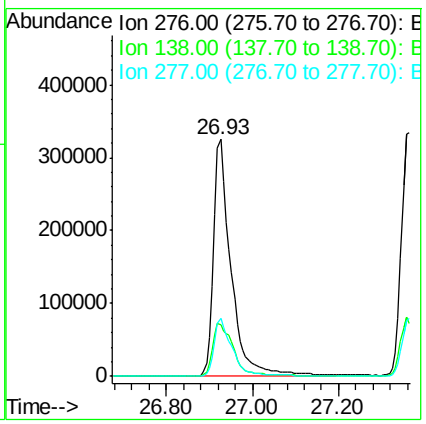


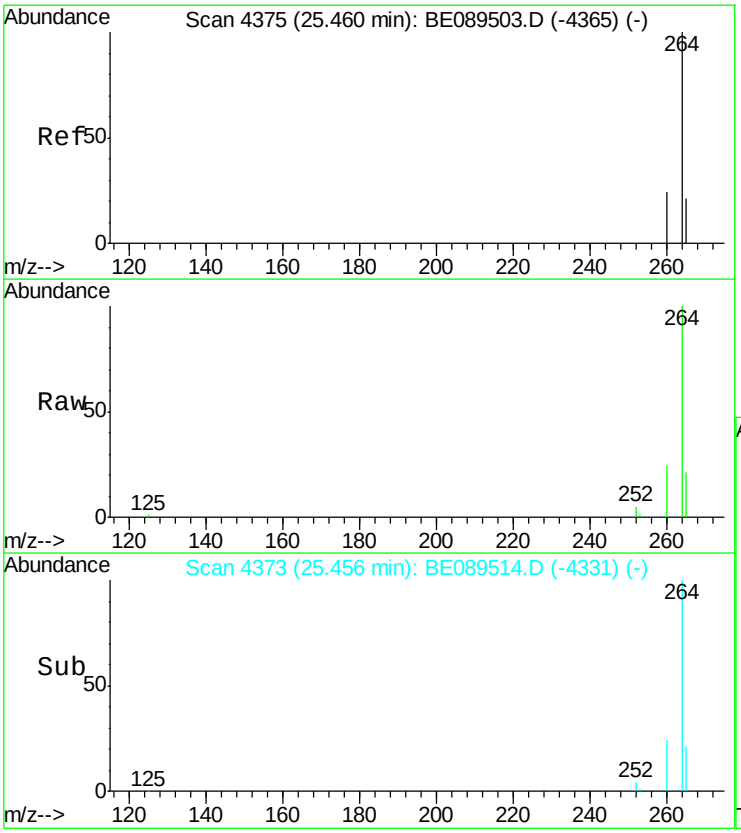
#21
Indeno(1,2,3-cd)pyrene
Concen: 6.96 ng
RT: 26.93 min Scan# 4658
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Instrument :
BNA_E
ClientSampleId :
PB81591BSD

Tgt Ion:276 Resp: 920201

Ion	Ratio	Lower	Upper
276	100		
138	26.8	23.2	34.8
277	25.3	19.8	29.6

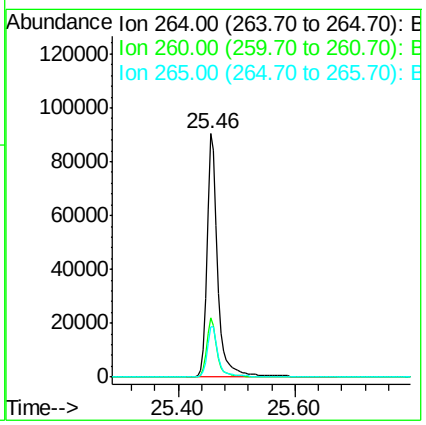


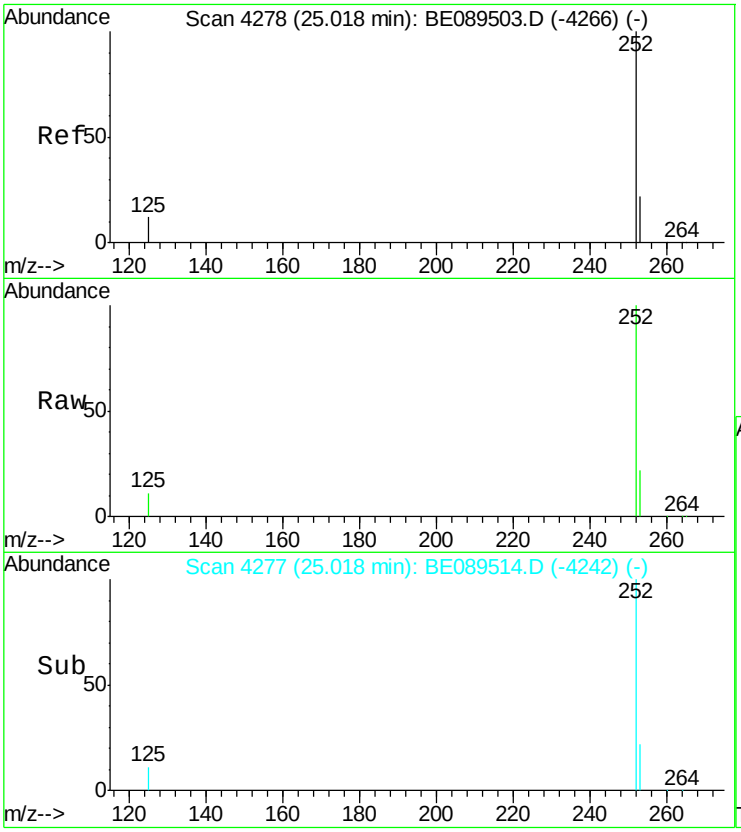


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.46 min Scan# 4373
Delta R.T. -0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Tgt Ion:264 Resp: 117520

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	20.8	17.0	25.6



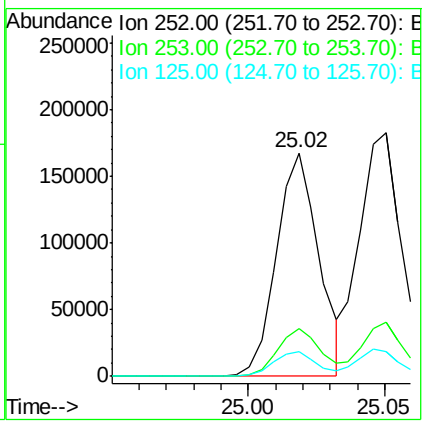


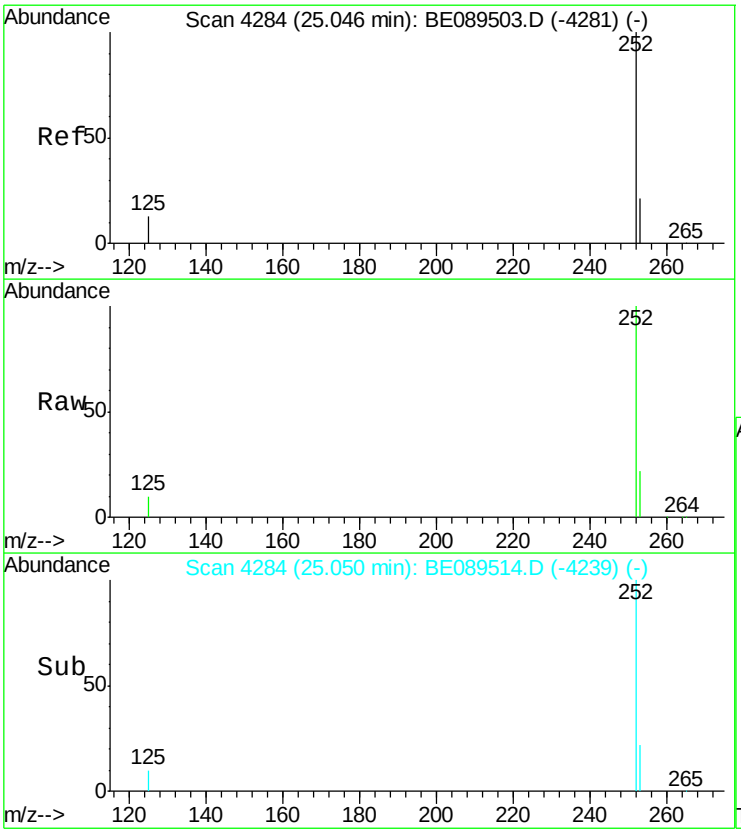
#23
Benzo(b)fluoranthene
Concen: 6.11 ng
RT: 25.02 min Scan# 4277
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Instrument :
BNA_E
ClientSampleId :
PB81591BSD

Tgt Ion:252 Resp: 181077

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	10.9	9.6	14.4

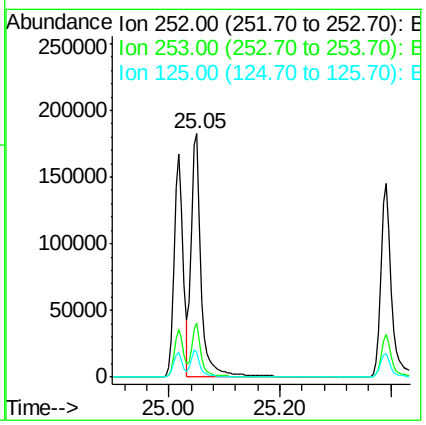


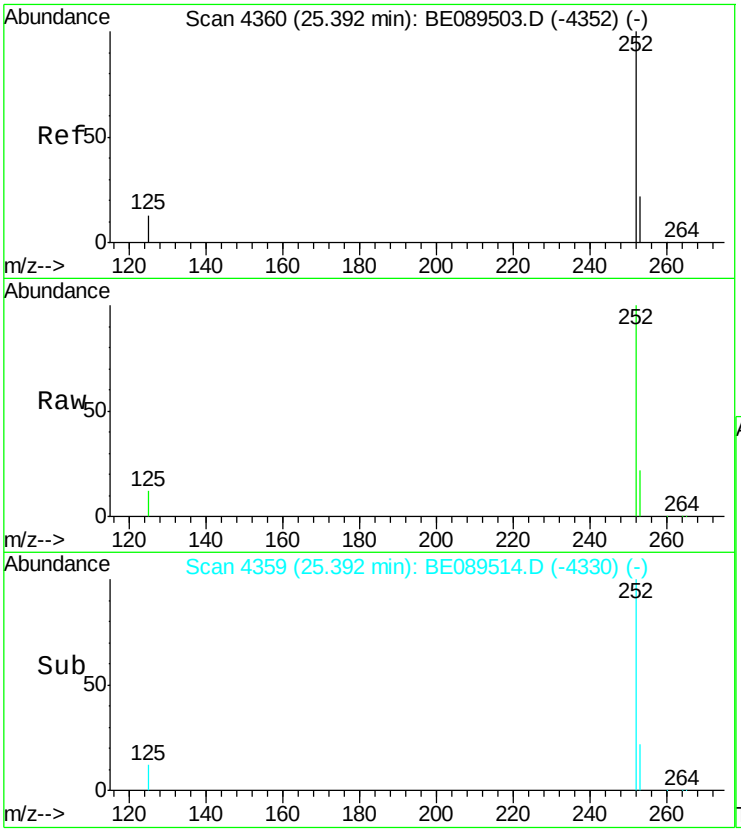


#24
Benzo(k)fluoranthene
Concen: 5.98 ng
RT: 25.05 min Scan# 4284
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Tgt Ion:252 Resp: 224184

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.4	10.2	15.4



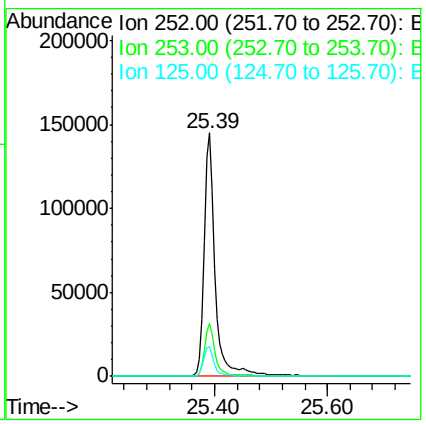


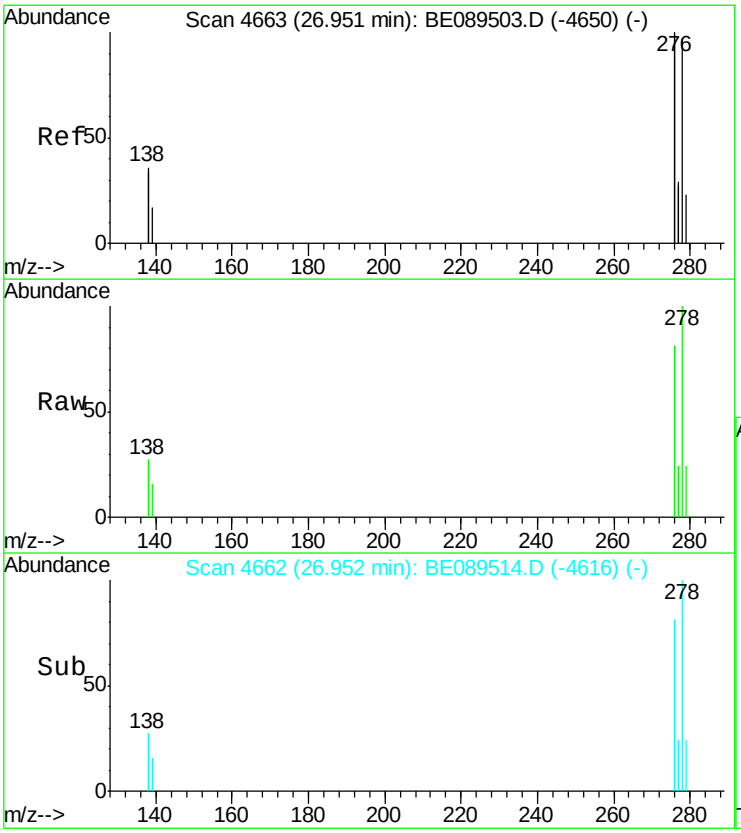
#25
Benzo(a)pyrene
Concen: 6.64 ng
RT: 25.39 min Scan# 4359
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Instrument :
BNA_E
ClientSampleId :
PB81591BSD

Tgt Ion:252 Resp: 194686

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	12.0	10.7	16.1

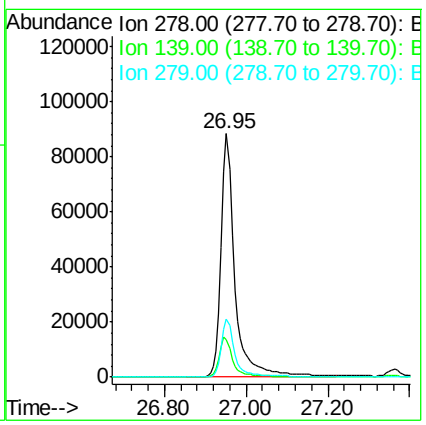


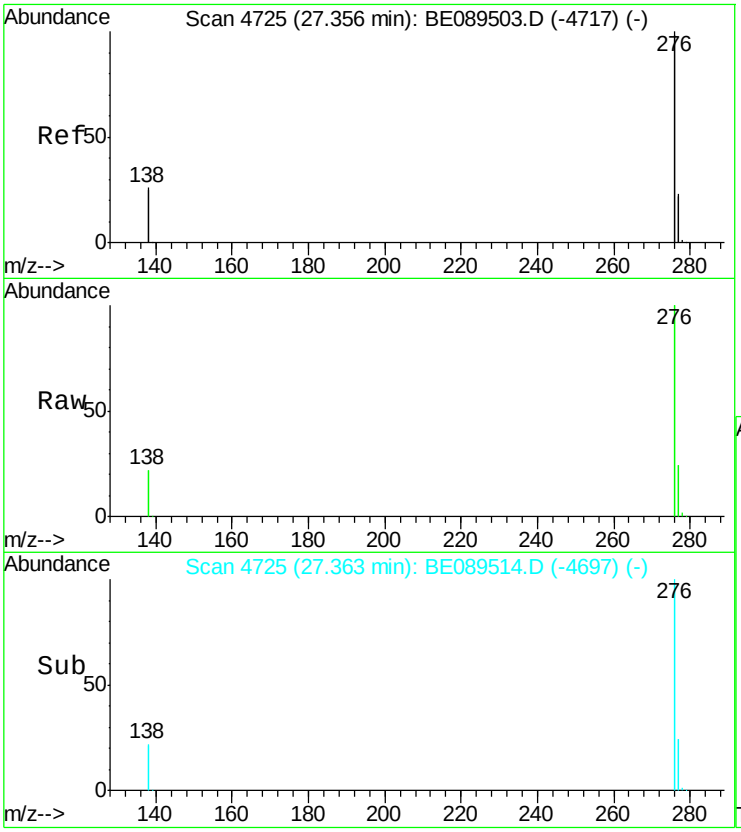


#26
Dibenzo(a,h)anthracene
Concen: 6.76 ng
RT: 26.95 min Scan# 4662
Delta R.T. 0.00 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Tgt Ion:278 Resp: 204525

Ion	Ratio	Lower	Upper
278	100		
139	15.7	14.6	22.0
279	23.8	19.0	28.4





#27
Benzo(g,h,i)perylene
Concen: 6.82 ng
RT: 27.36 min Scan# 4725
Delta R.T. 0.01 min
Lab File: BE089514.D
Acq: 5 Feb 2015 22:09

Instrument :
BNA_E
ClientSampleId :
PB81591BSD

Tgt Ion:276 Resp: 784821

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	21.8	20.8	31.2