Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE010915\
Data File : BE089389.D
Acq On : 9 Jan 2015 20:06
Operator : TP/IZ
Sample : PB81206BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB81206BSD

Quant Time: Jan 10 00:39:52 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BASE-BE010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 10 00:23:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	21537	5.00	ng	0.00
2) Naphthalene-d8	8.49	136	84951	5.00	ng	0.00
6) Acenaphthene-d10	10.63	164	39622	5.00	ng	0.00
11) Phenanthrene-d10	12.68	188	64762	5.00	ng	0.00
15) Chrysene-d12	18.03	240	49134	5.00	ng	0.00
21) Perylene-d12	21.07	264	45119	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	7.63	82	45215	7.66	ng	0.00
7) 2-Fluorobiphenyl	9.83	172	74603	6.90	ng	0.00
17) Terphenyl-d14	15.80	244	57907	6.66	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	8.52	128	128499	6.72	ng	99
5) 2-Methylnaphthalene	9.37	142	80541	6.73	ng	99
8) Acenaphthylene	10.45	152	469755	6.93	ng	99
9) Acenaphthene	10.67	154	68813	6.51	ng	90
10) Fluorene	11.32	166	77583	6.86	ng	100
12) Phenanthrene	12.72	178	444555	6.58	ng	97
13) Anthracene	12.80	178	457920	7.02	ng	99
14) Fluoranthene	14.91	202	103746	6.95	ng	99
16) Pyrene	15.36	202	110068	6.82	ng	99
18) Benzo(a)anthracene	18.00	228	351542	7.06	ng	99
19) Chrysene	18.08	228	354687	7.10	ng	99
20) Indeno(1,2,3-cd)pyrene	23.15	276	231397	4.84	ng	98
22) Benzo(b)fluoranthene	20.32	252	76364	7.75	ng	98
23) Benzo(k)fluoranthene	20.37	252	91338	7.36	ng	98
24) Benzo(a)pyrene	20.96	252	76508	7.87	ng	97
25) Dibenzo(a,h)anthracene	23.23	278	65177	7.32	ng	95
26) Benzo(g,h,i)perylene	23.73	276	298560	6.65	ng	96

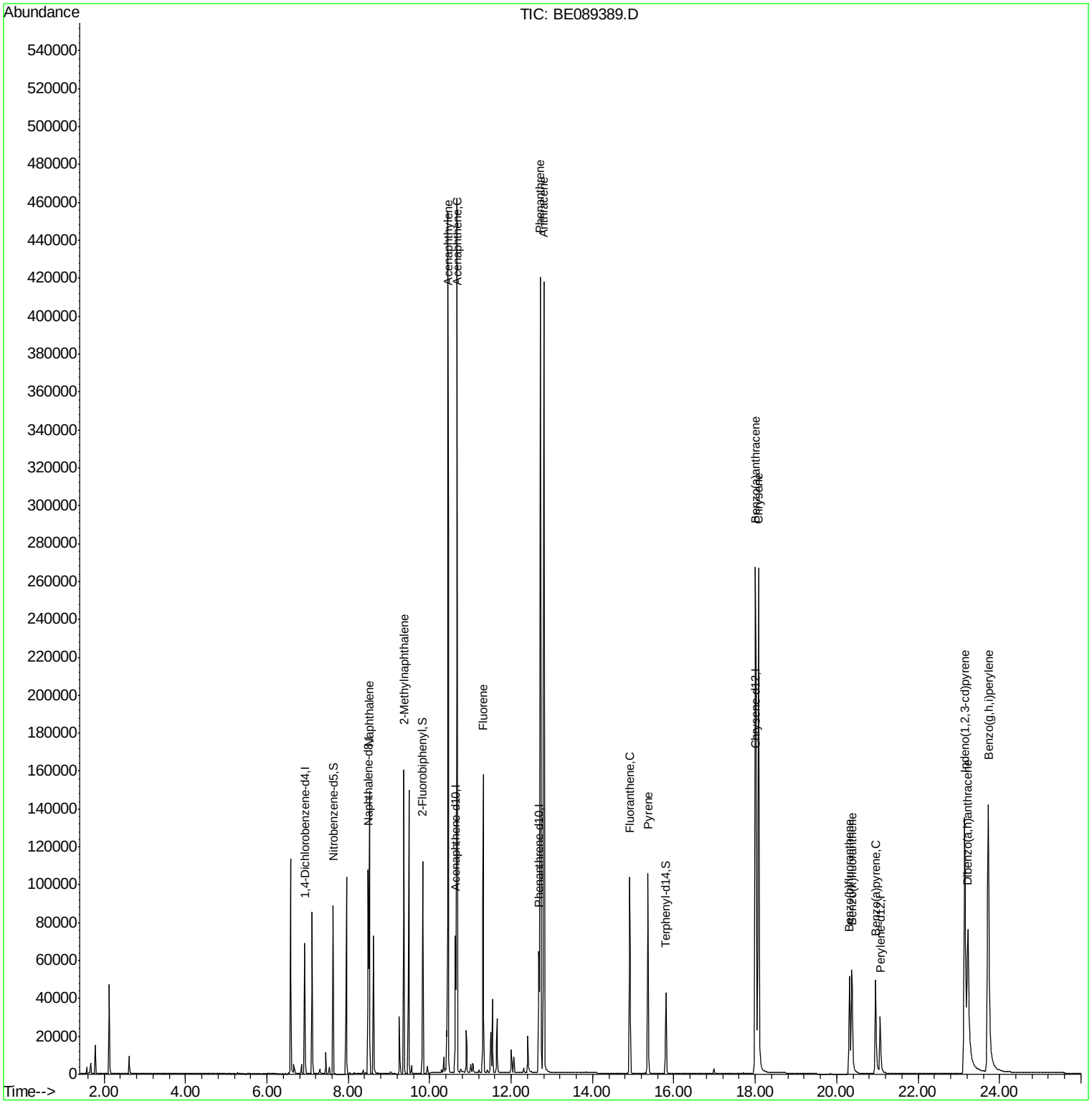
(#) = qualifier out of range (m) = manual integration (+) = signals summed

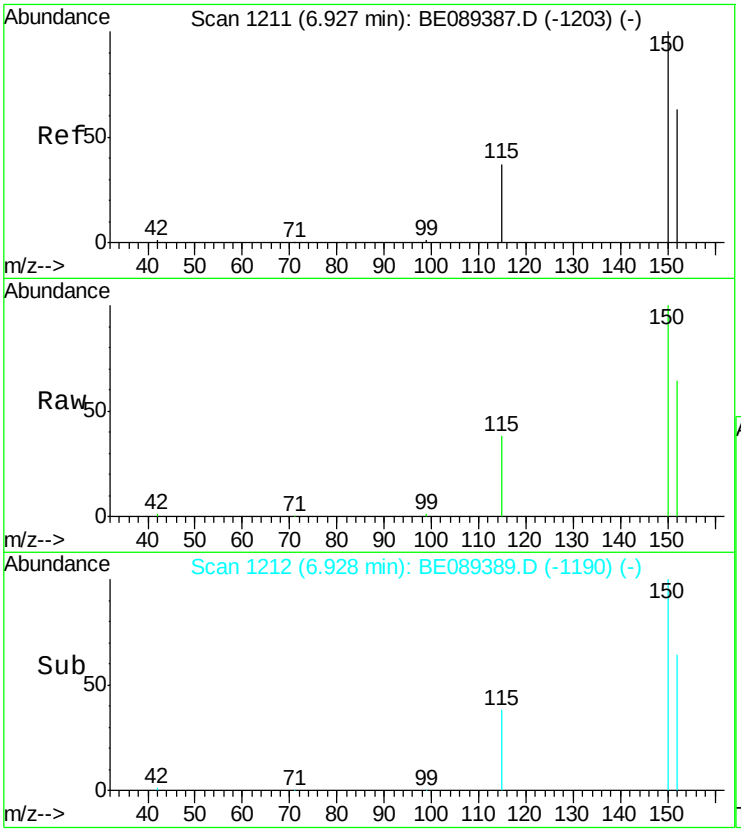
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE010915\
Data File : BE089389.D
Acq On : 9 Jan 2015 20:06
Operator : TP/IZ
Sample : PB81206BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Quant Time: Jan 10 00:39:52 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BASE-BE010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 10 00:23:37 2015
Response via : Initial Calibration



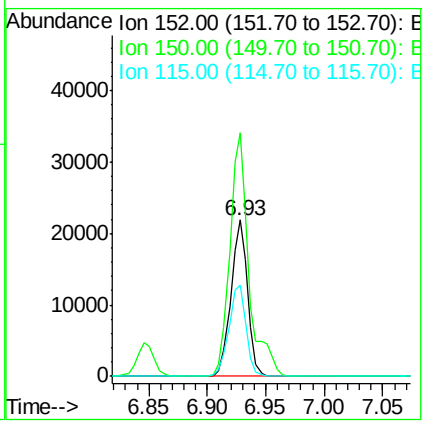


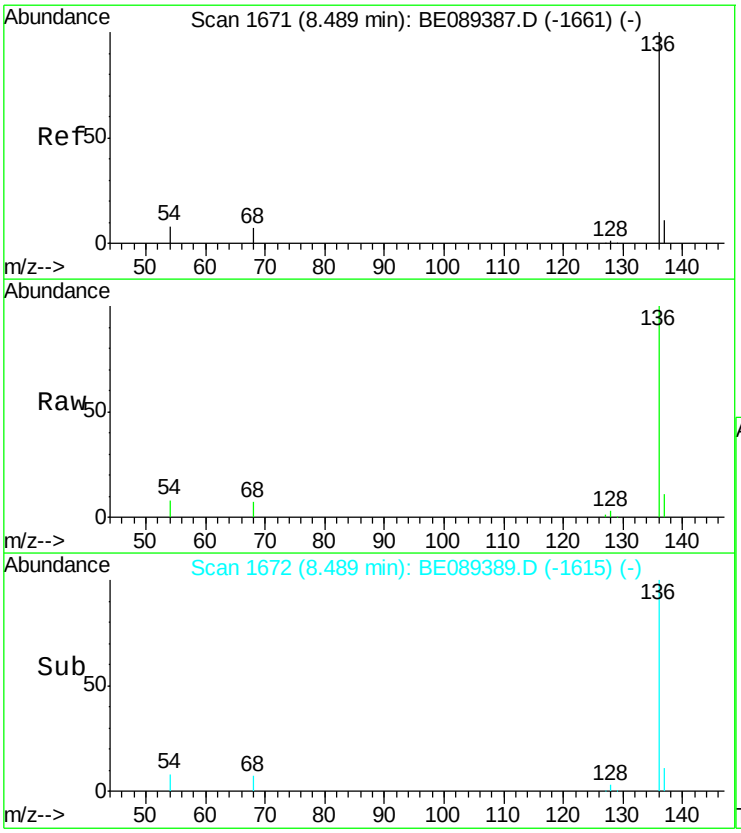
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.93 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:152 Resp: 21537

Ion	Ratio	Lower	Upper
152	100		
150	155.9	121.5	182.3
115	58.7	45.2	67.8

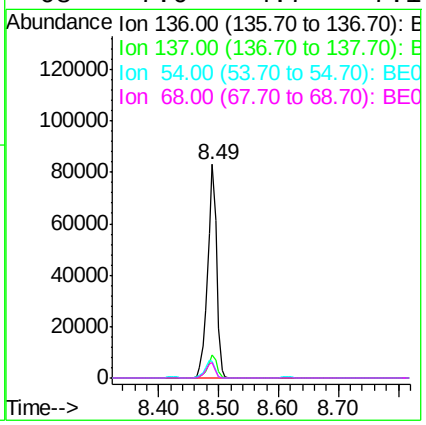


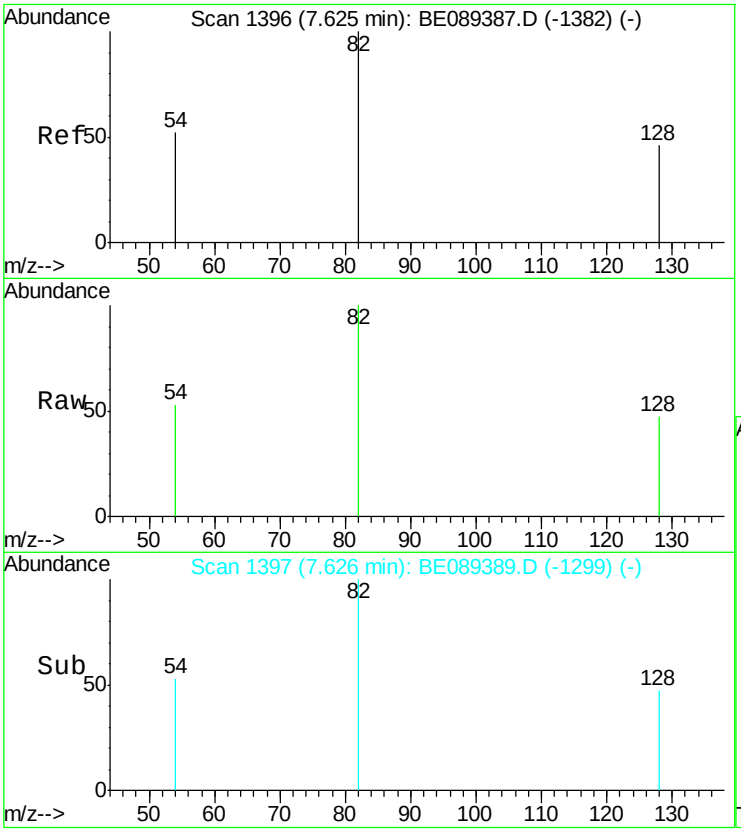


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 8.49 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Tgt Ion:136 Resp: 84951

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.1	5.4	8.0#
68	7.0	4.7	7.1



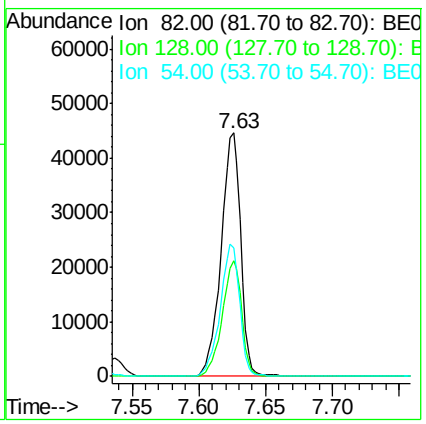


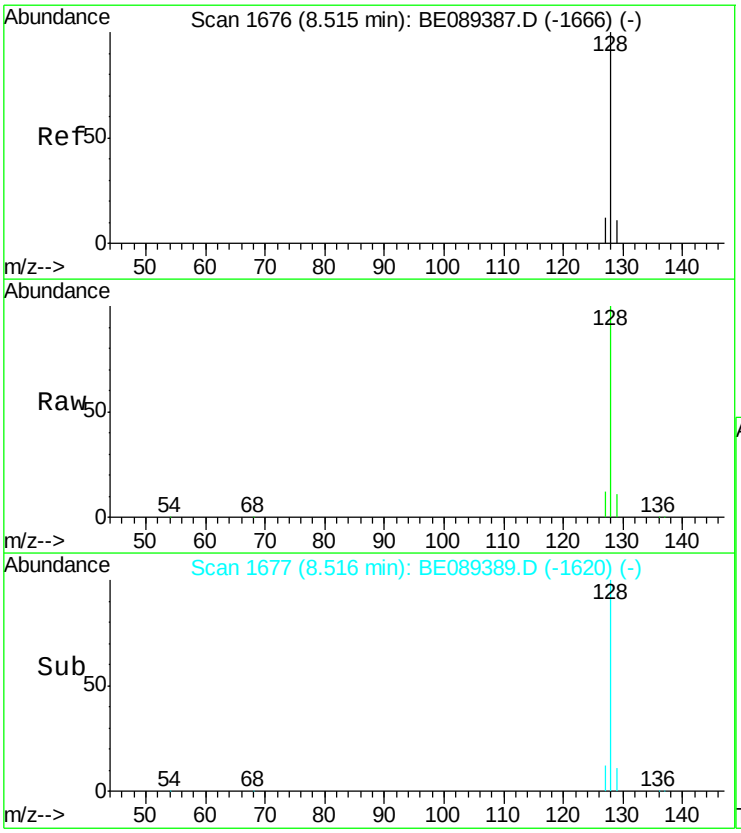
#3
Nitrobenzene-d5
Concen: 7.66 ng
RT: 7.63 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion: 82 Resp: 45215

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.5	54.7
54	52.7	43.5	65.3

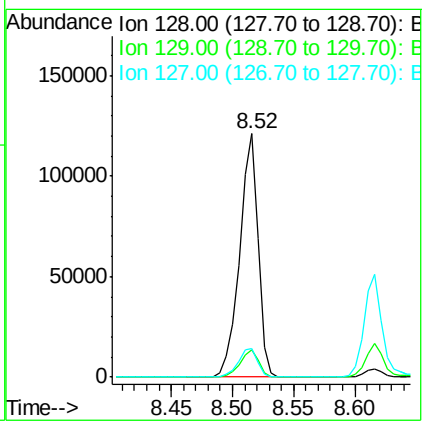


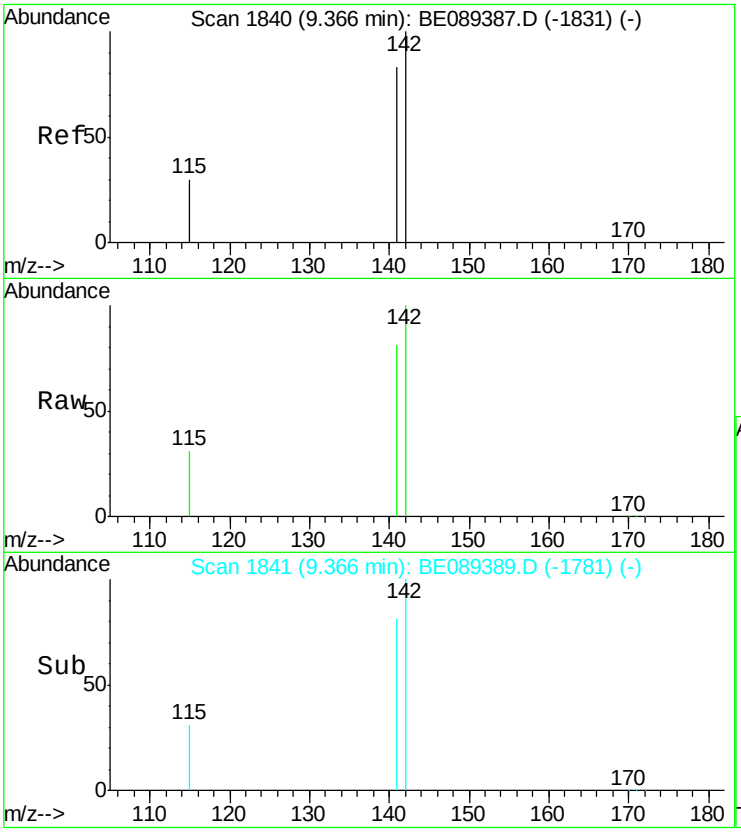


#4
Naphthalene
Concen: 6.72 ng
RT: 8.52 min Scan# 1677
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Tgt Ion:128 Resp: 128499

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.0	10.0	15.0



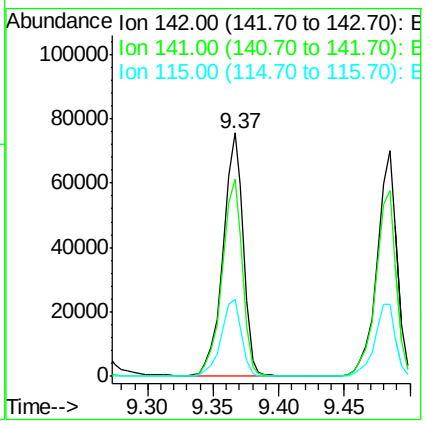


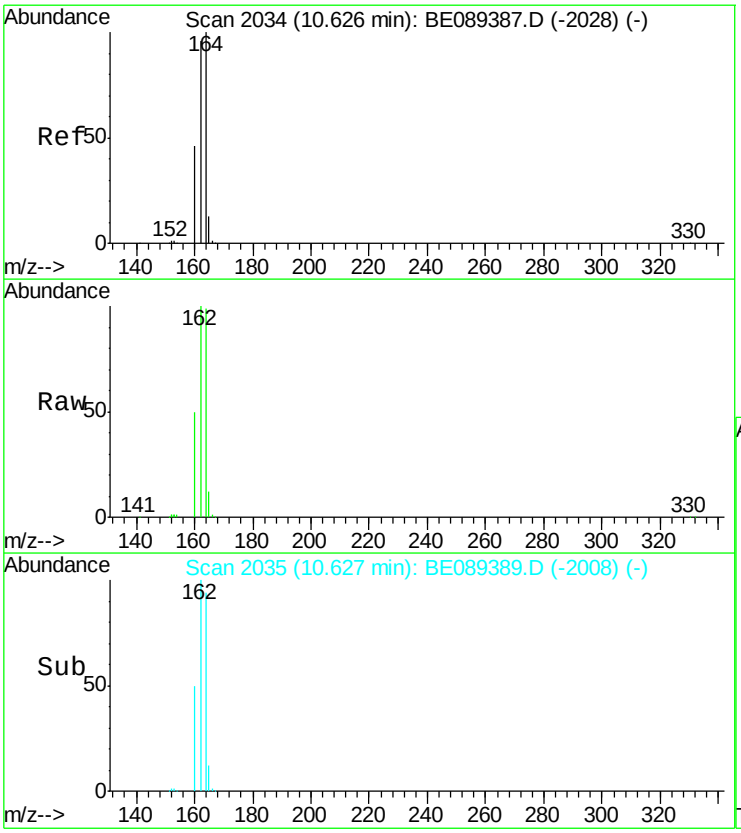
#5
2-Methylnaphthalene
Concen: 6.73 ng
RT: 9.37 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:142 Resp: 80541

Ion	Ratio	Lower	Upper
142	100		
141	81.2	66.3	99.5
115	31.5	25.2	37.8

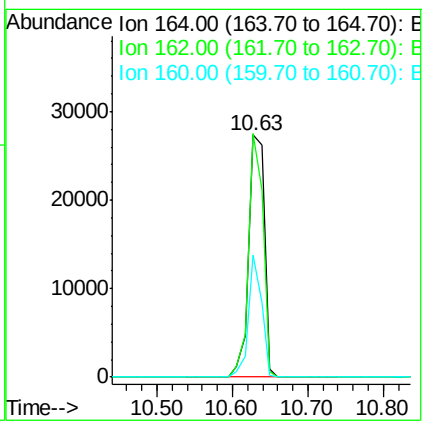


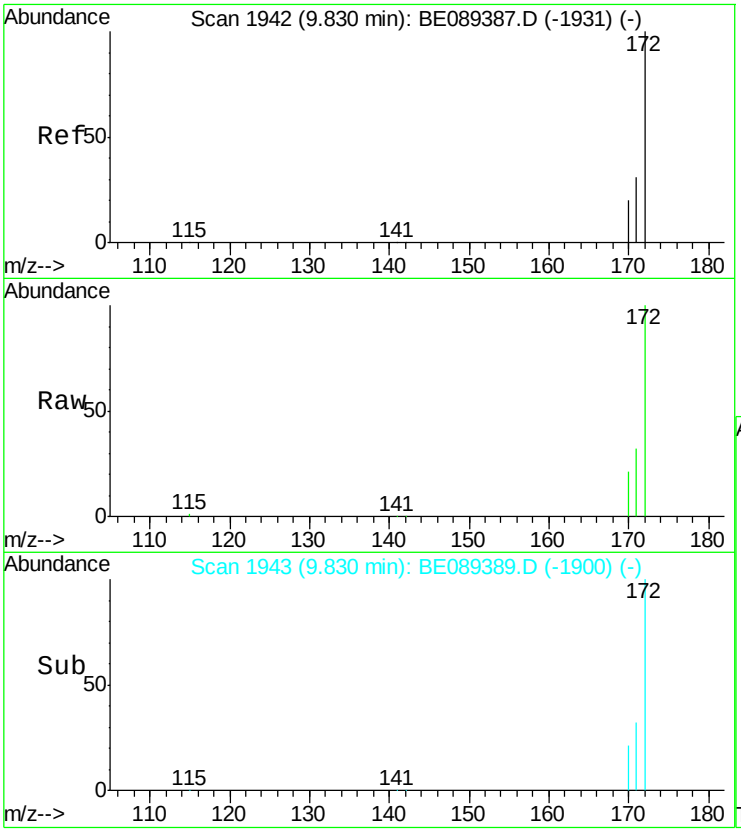


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Tgt Ion:164 Resp: 39622

Ion	Ratio	Lower	Upper
164	100		
162	100.6	77.4	116.2
160	50.5	38.2	57.4



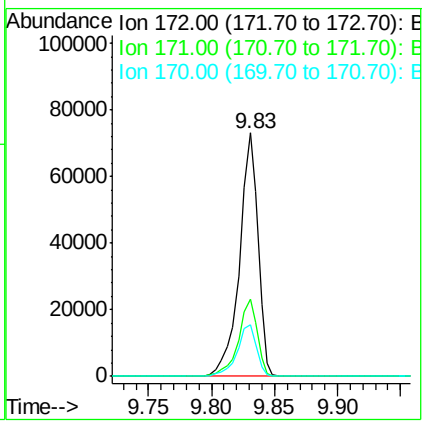


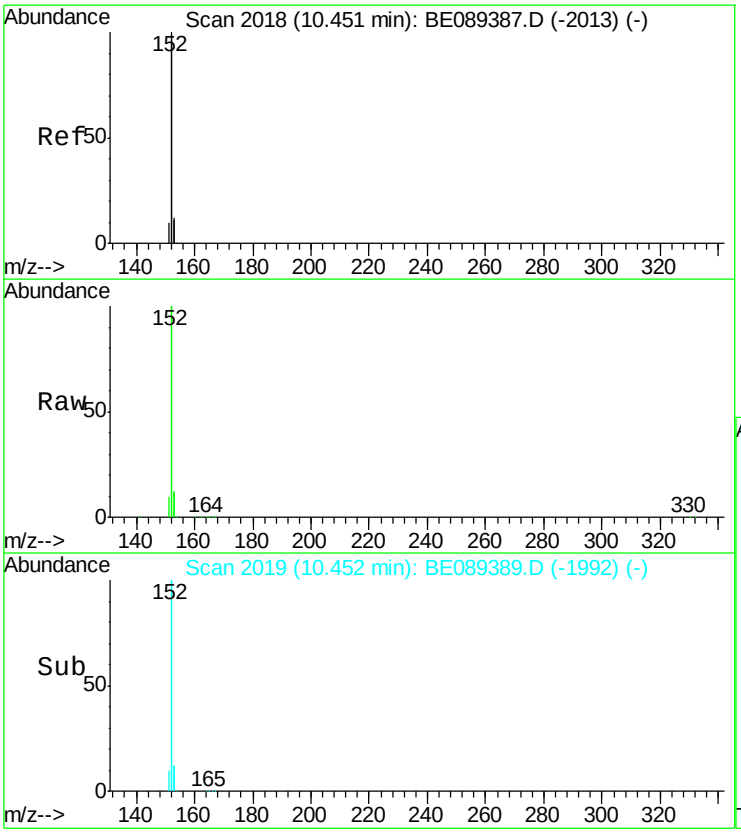
#7
2-Fluorobiphenyl
Concen: 6.90 ng
RT: 9.83 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:172 Resp: 74603

Ion	Ratio	Lower	Upper
172	100		
171	31.8	26.4	39.6
170	21.4	18.0	27.0

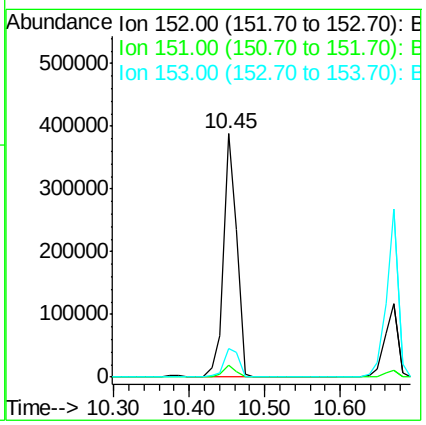


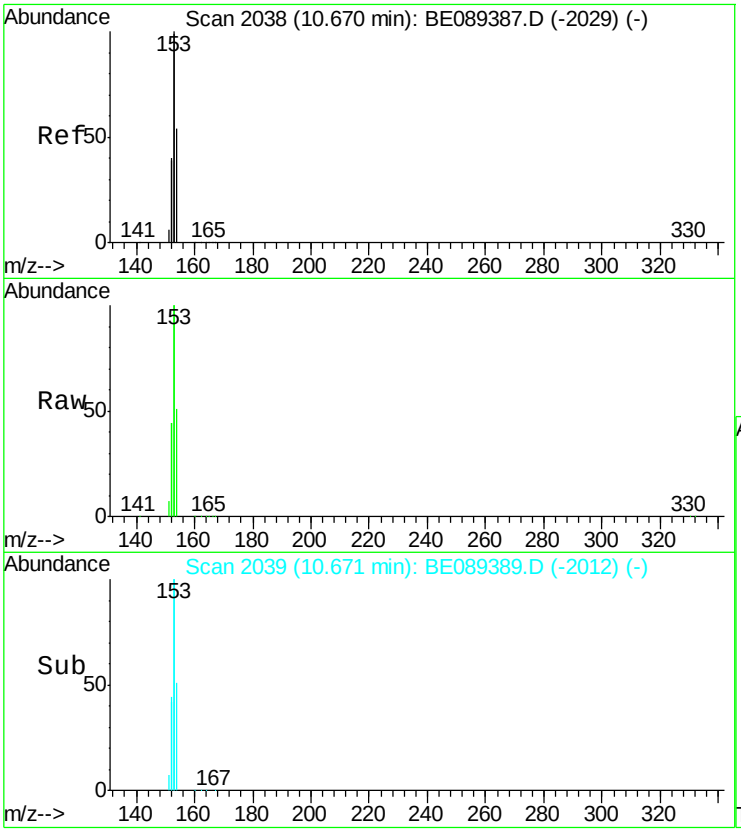


#8
Acenaphthylene
Concen: 6.93 ng
RT: 10.45 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Tgt Ion:152 Resp: 469755

Ion	Ratio	Lower	Upper
152	100		
151	5.1	4.1	6.1
153	11.9	9.8	14.6



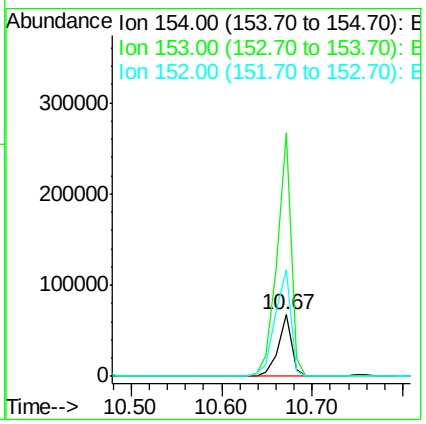


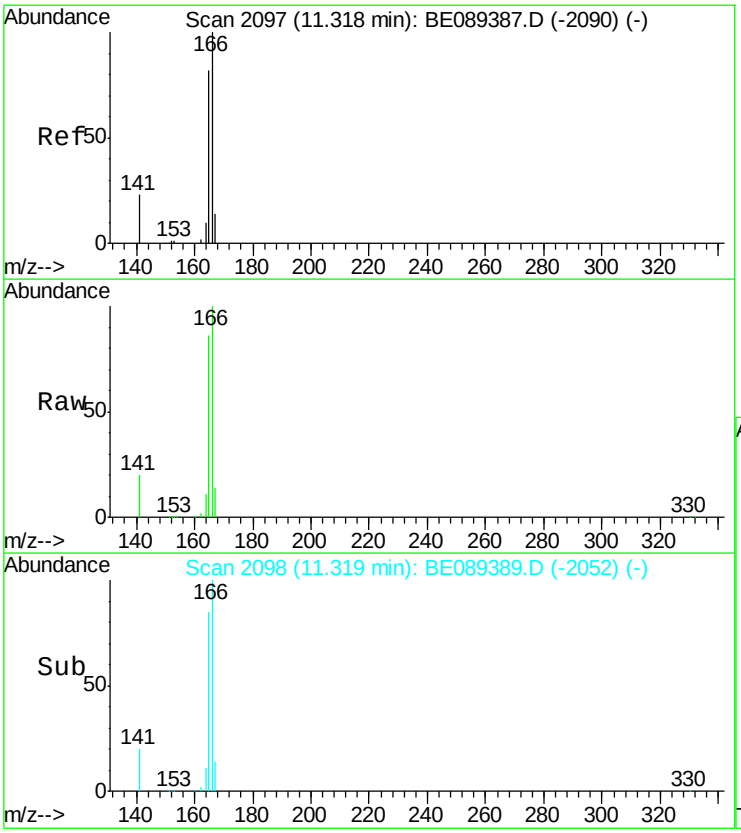
#9
Acenaphthene
Concen: 6.51 ng
RT: 10.67 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:154 Resp: 68813

Ion	Ratio	Lower	Upper
154	100		
153	394.9	300.6	450.8
152	172.8	123.3	184.9

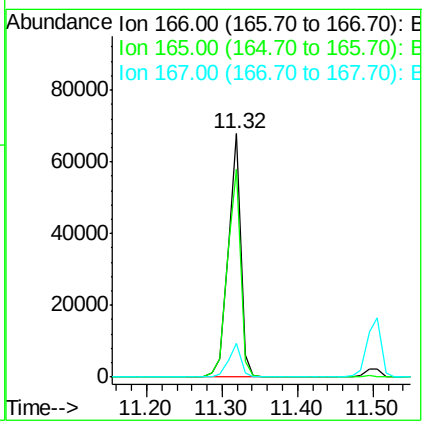


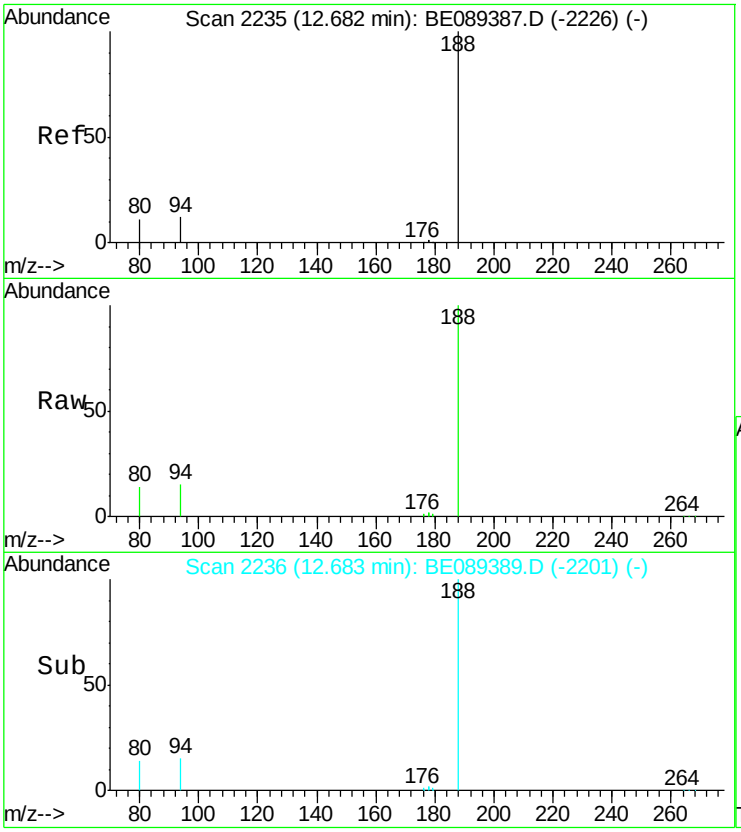


#10
Fluorene
Concen: 6.86 ng
RT: 11.32 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Tgt Ion:166 Resp: 77583

Ion	Ratio	Lower	Upper
166	100		
165	90.2	72.1	108.1
167	13.6	11.0	16.4



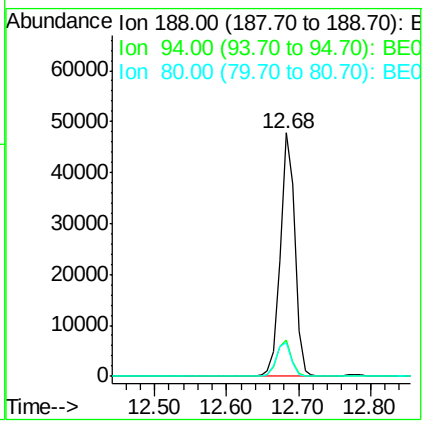


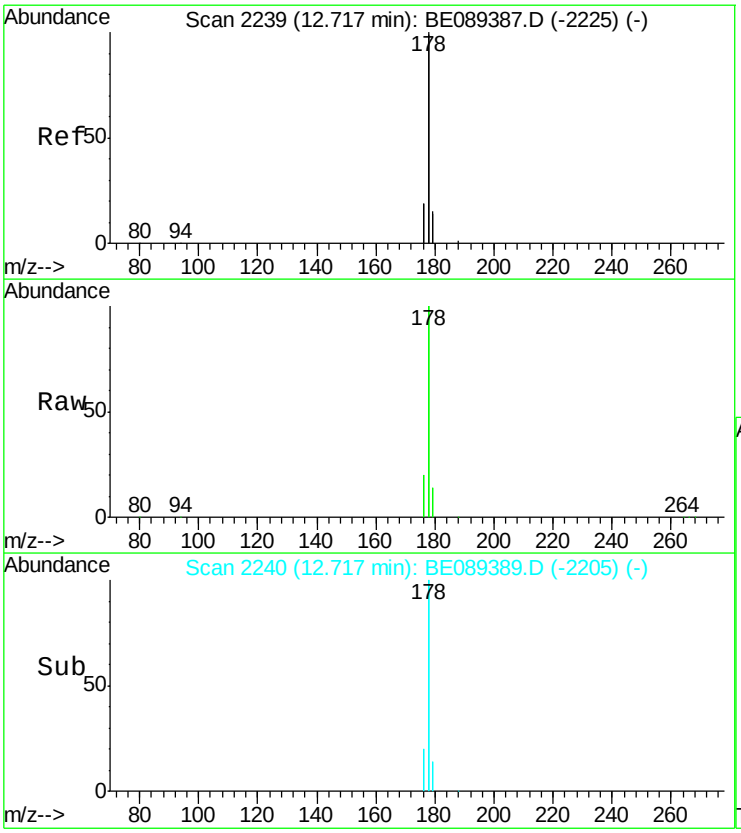
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.68 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:188 Resp: 64762

Ion	Ratio	Lower	Upper
188	100		
94	14.9	11.0	12.2#
80	14.0	10.1	11.1#

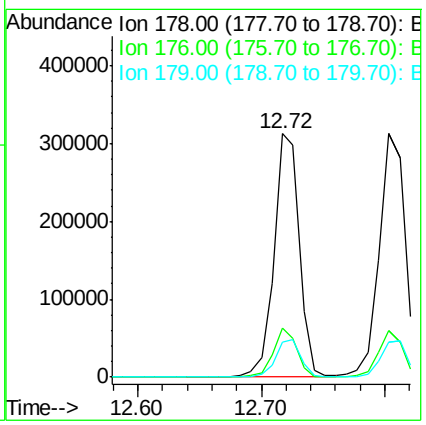


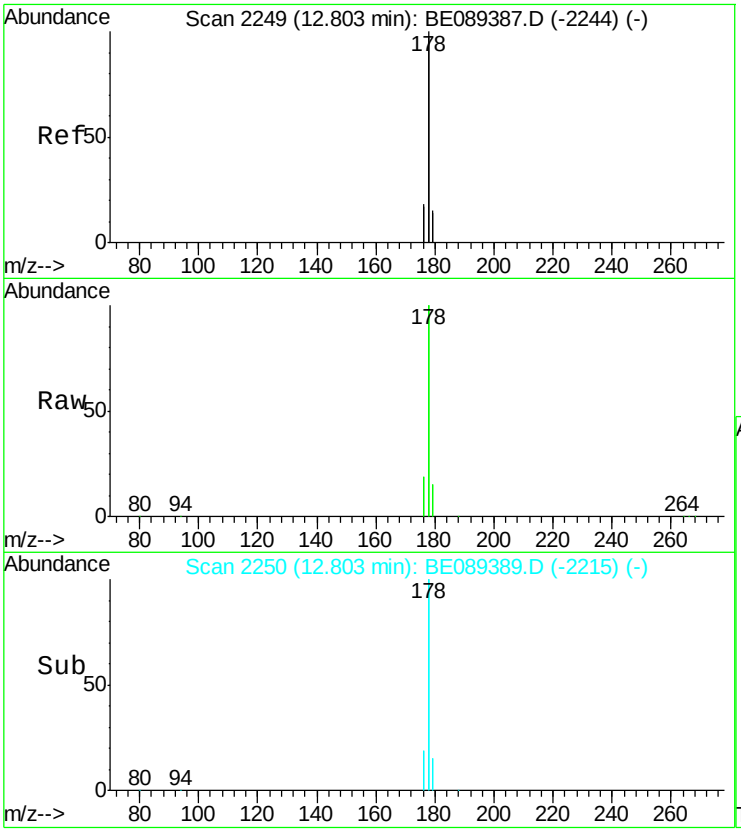


#12
Phenanthrene
Concen: 6.58 ng
RT: 12.72 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Tgt Ion:178 Resp: 444555

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	14.2	12.2	18.2



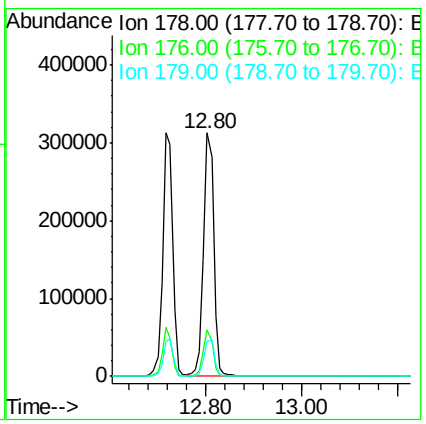


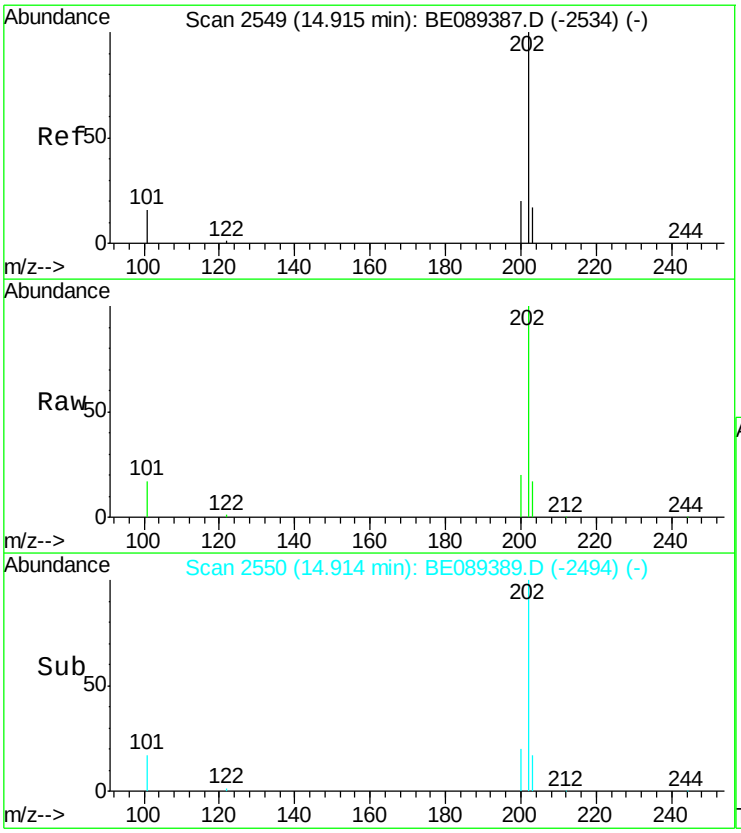
#13
Anthracene
Concen: 7.02 ng
RT: 12.80 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:178 Resp: 457920

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.7	22.1
179	14.6	12.0	18.0

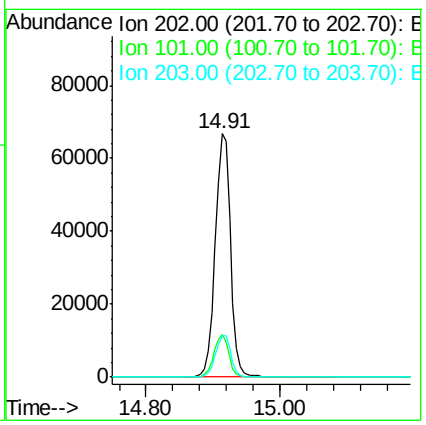


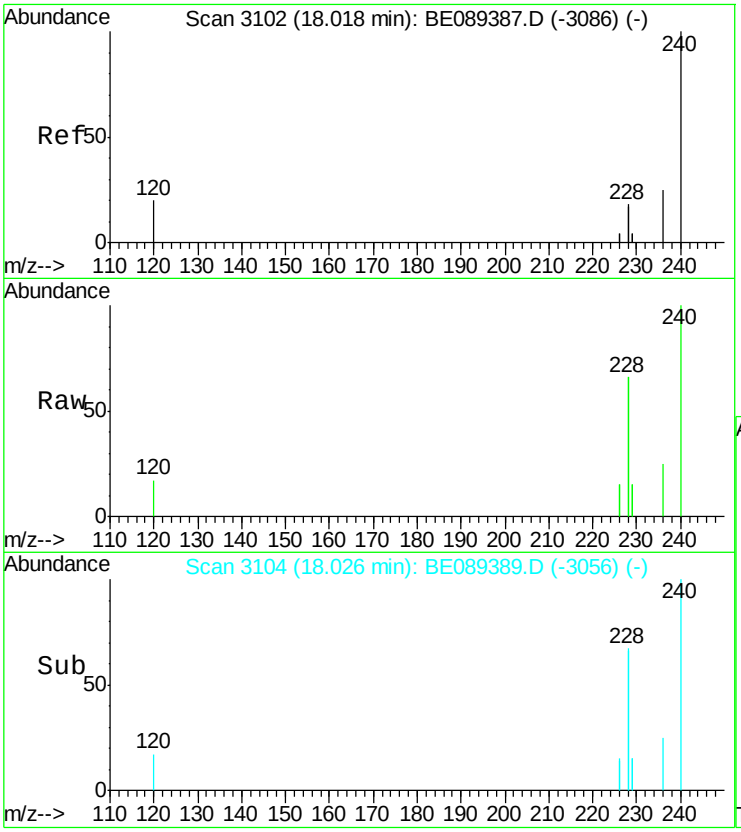


#14
Fluoranthene
Concen: 6.95 ng
RT: 14.91 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Tgt Ion:202 Resp: 103746

Ion	Ratio	Lower	Upper
202	100		
101	17.3	0.0	37.9
203	17.2	0.0	37.5



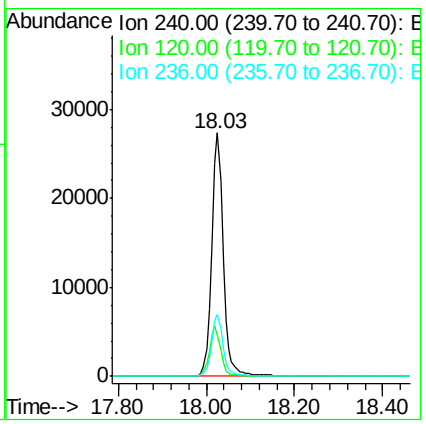


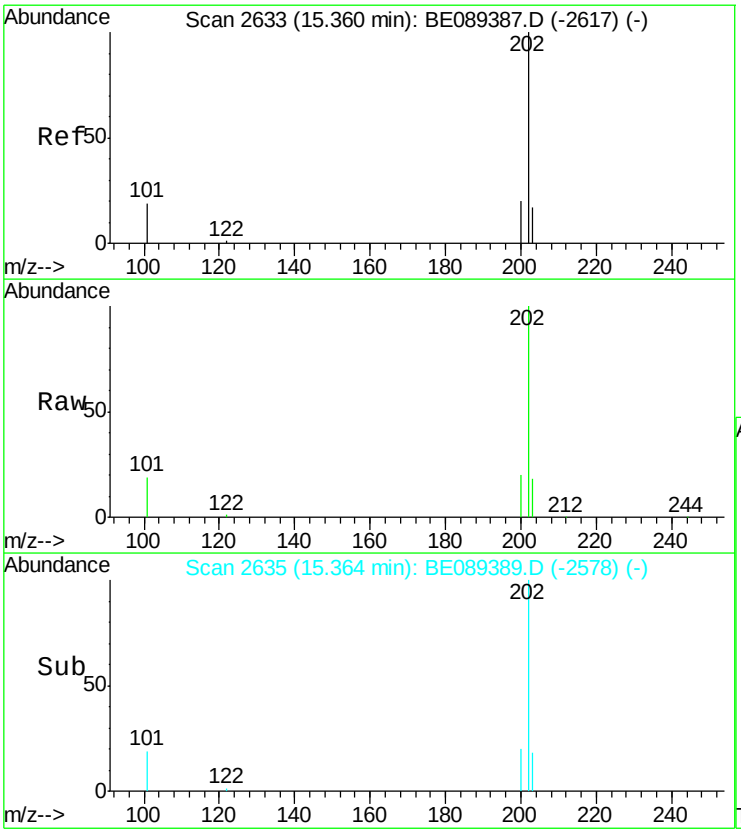
#15
Chrysene-d12
Concen: 5.00 ng
RT: 18.03 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:240 Resp: 49134

Ion	Ratio	Lower	Upper
240	100		
120	17.0	11.8	17.6
236	25.3	20.0	30.0

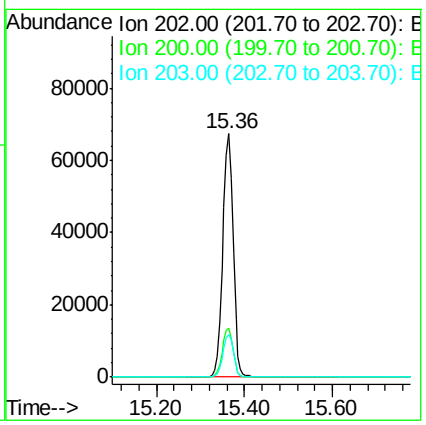


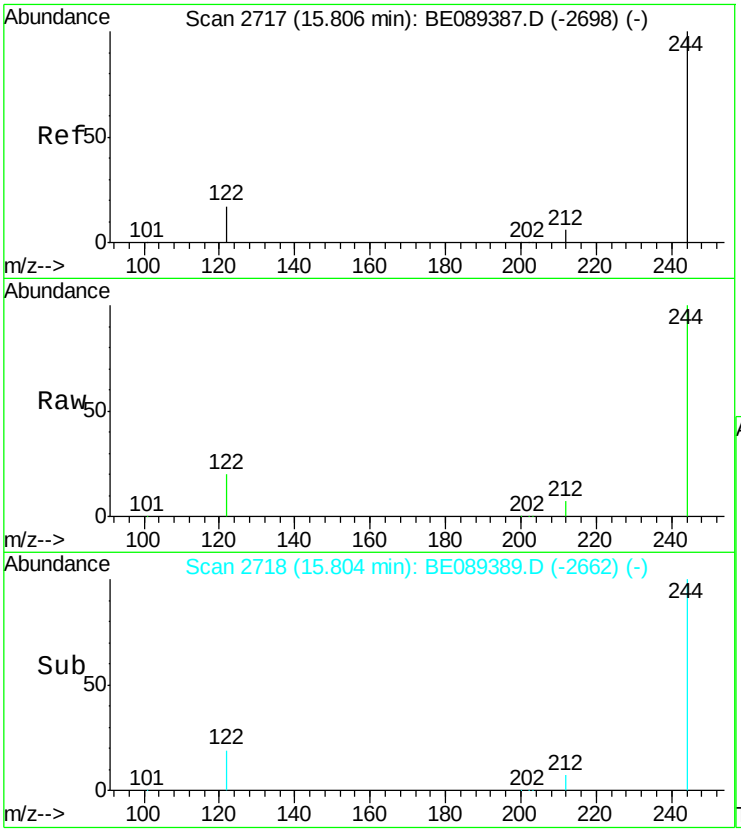


#16
Pyrene
Concen: 6.82 ng
RT: 15.36 min Scan# 2635
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Tgt Ion:202 Resp: 110068

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.8	25.2
203	17.7	14.0	21.0



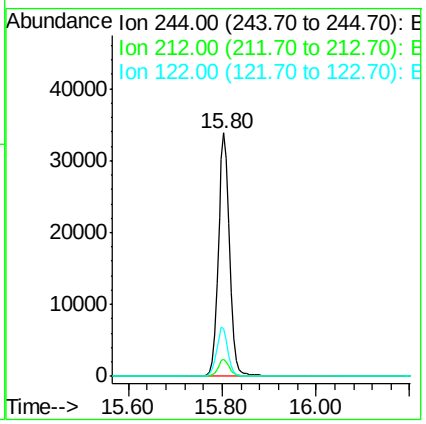


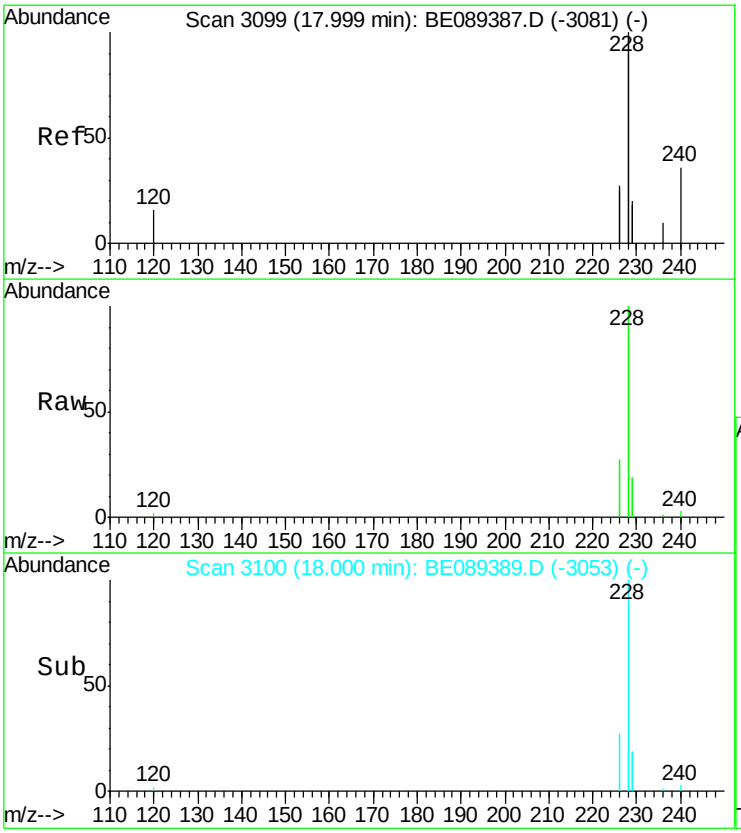
#17
Terphenyl-d14
Concen: 6.66 ng
RT: 15.80 min Scan# 2718
Delta R.T. -0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:244 Resp: 57907

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.3	9.5
122	19.5	17.7	26.5

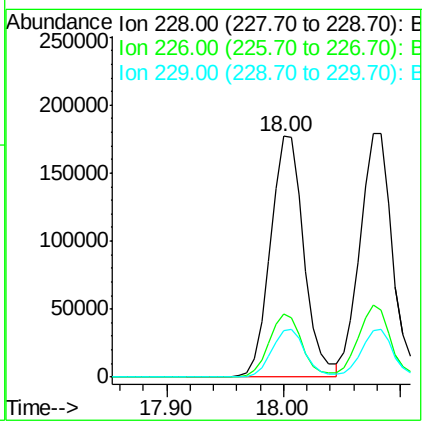


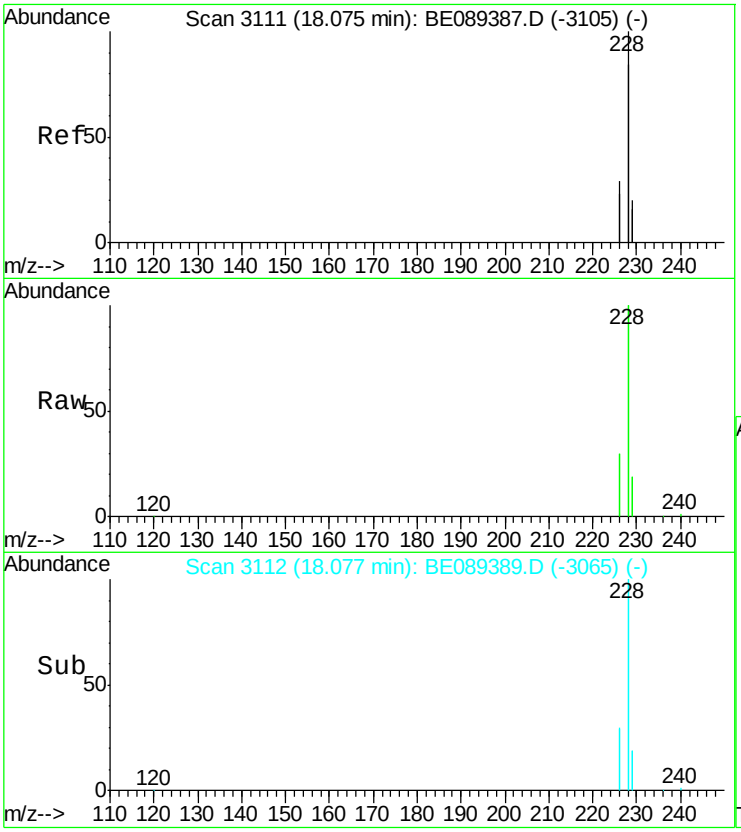


#18
Benzo(a)anthracene
Concen: 7.06 ng
RT: 18.00 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Tgt Ion:228 Resp: 351542

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.0	31.6
229	19.1	16.0	24.0



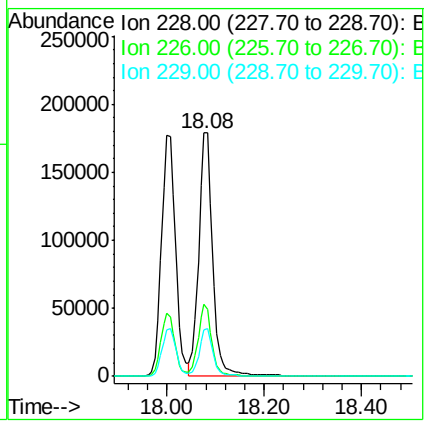


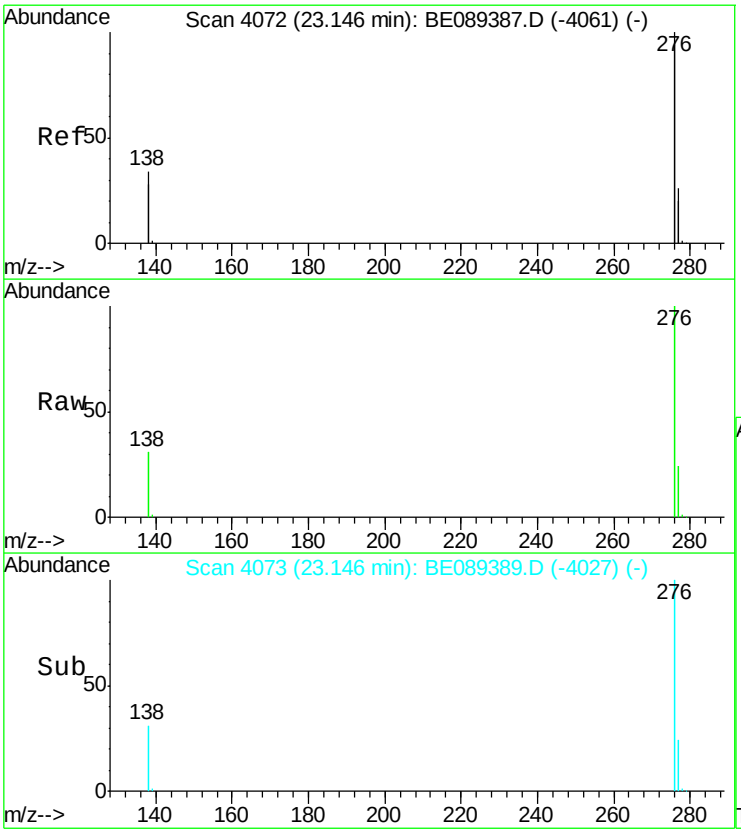
#19
Chrysene
Concen: 7.10 ng
RT: 18.08 min Scan# 3112
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:228 Resp: 354687

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.5	35.3
229	19.1	16.1	24.1

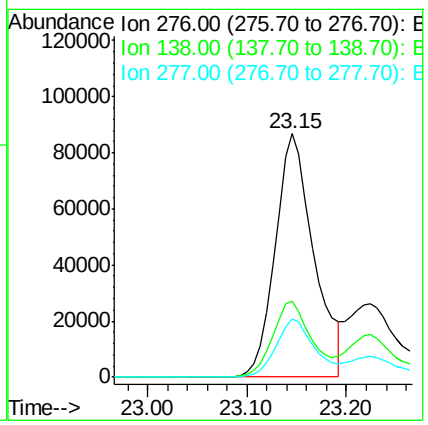


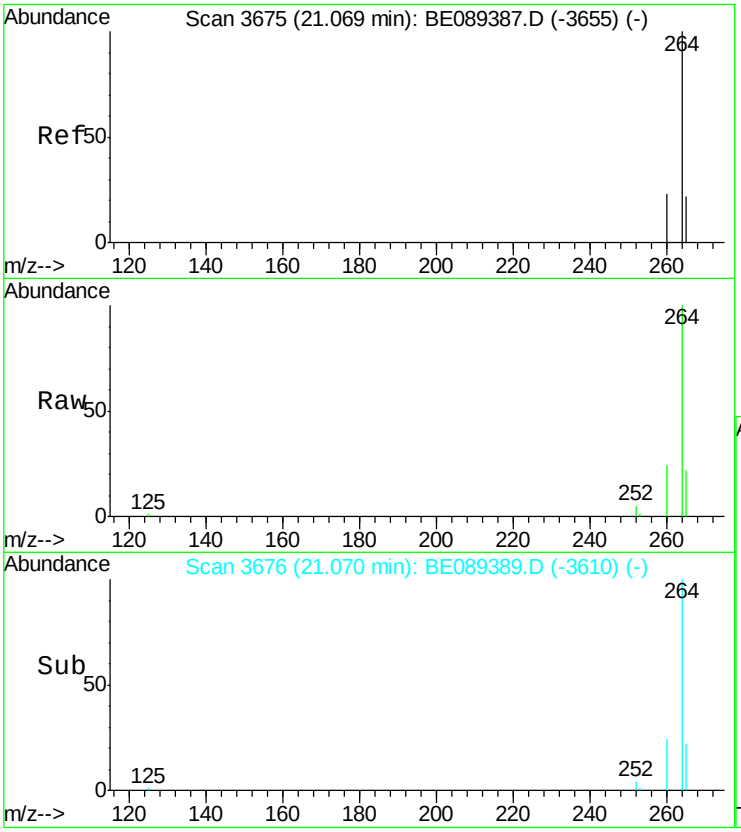


#20
Indeno(1,2,3-cd)pyrene
Concen: 4.84 ng
RT: 23.15 min Scan# 4073
Delta R.T. -0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Tgt Ion:276 Resp: 231397

Ion	Ratio	Lower	Upper
276	100		
138	30.8	23.8	35.8
277	23.7	18.2	27.4



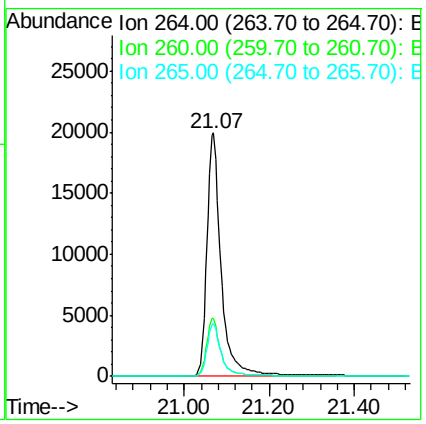


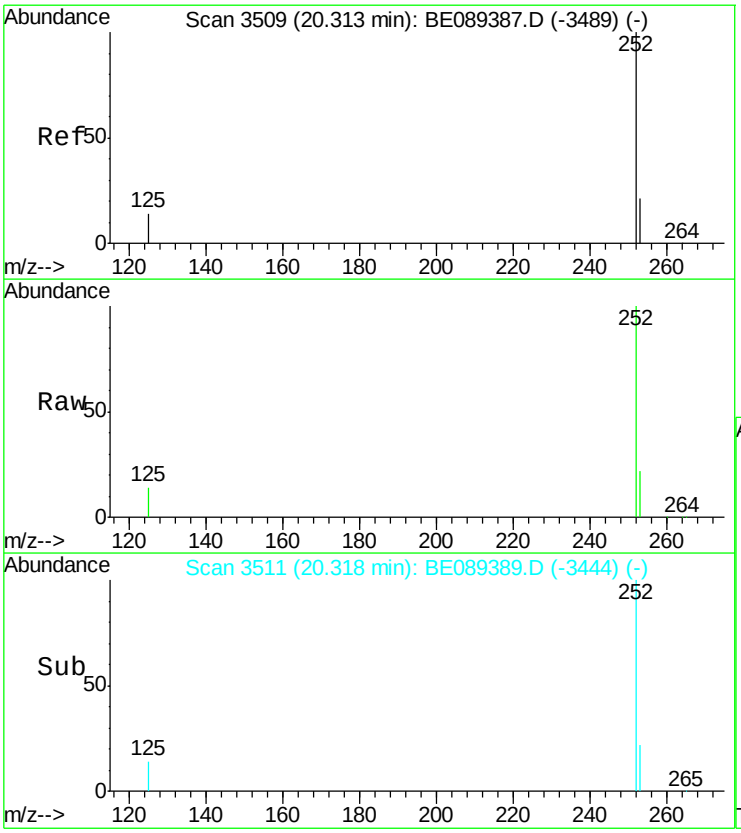
#21
Perylene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 3676
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:264 Resp: 45119

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.8	17.4	26.2

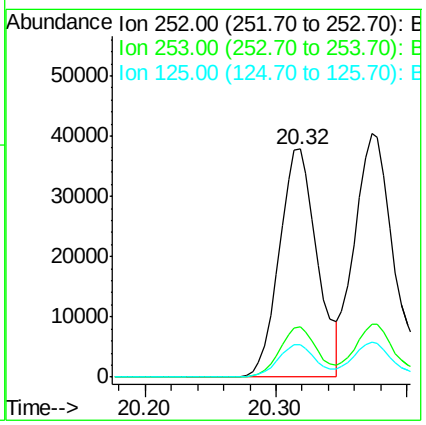


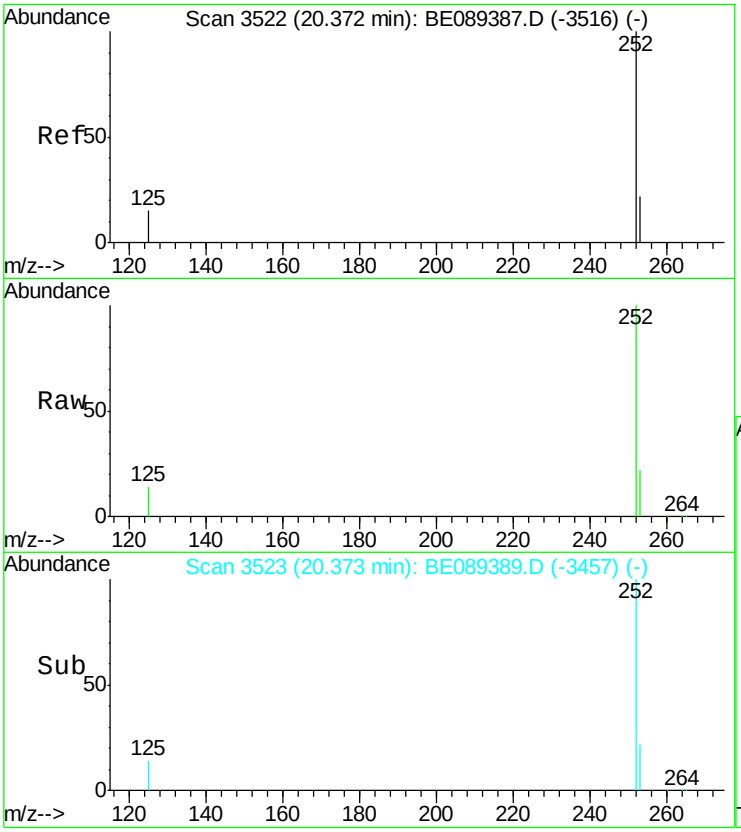


#22
Benzo(b)fluoranthene
Concen: 7.75 ng
RT: 20.32 min Scan# 3511
Delta R.T. 0.01 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Tgt Ion:252 Resp: 76364

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	14.2	12.6	18.8



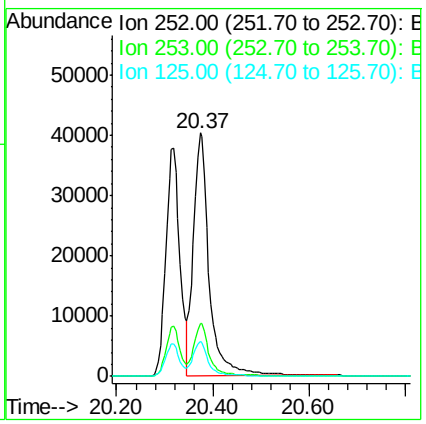


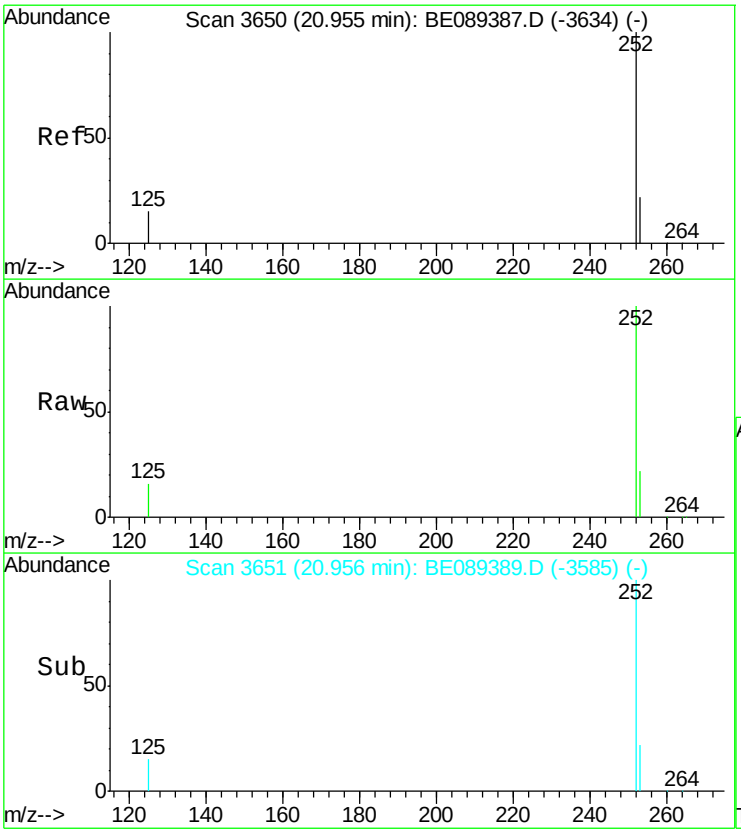
#23
Benzo(k)fluoranthene
Concen: 7.36 ng
RT: 20.37 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:252 Resp: 91338

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	14.3	12.4	18.6

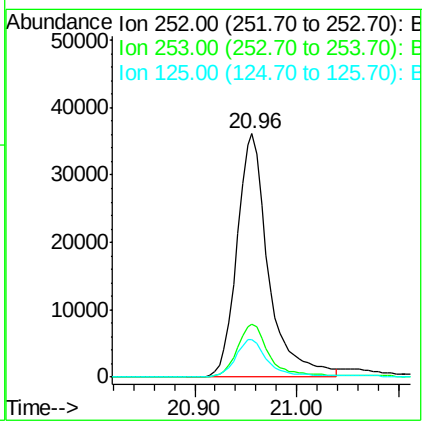


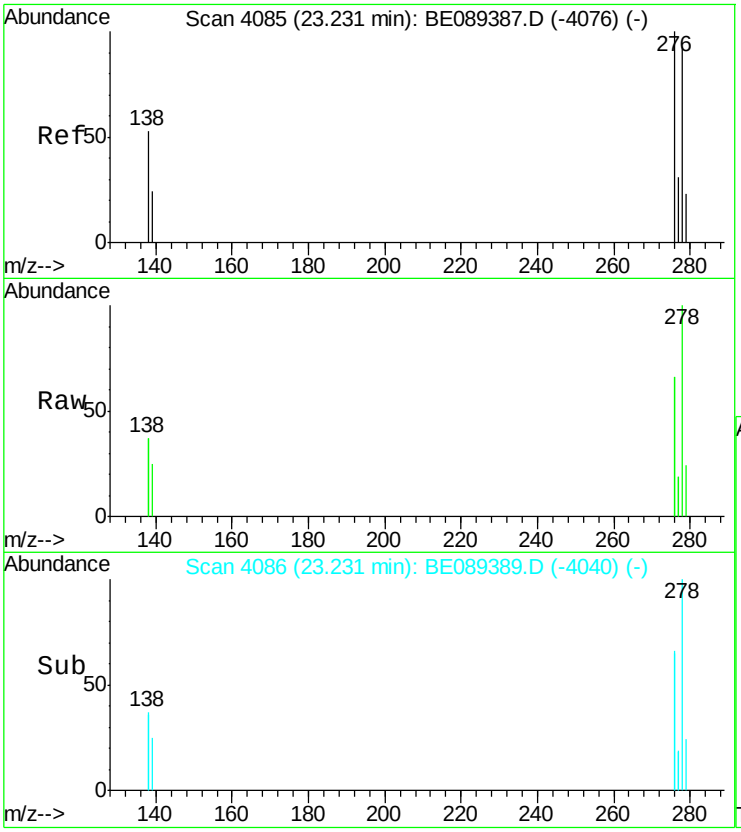


#24
Benzo(a)pyrene
Concen: 7.87 ng
RT: 20.96 min Scan# 3651
Delta R.T. 0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Tgt Ion:252 Resp: 76508

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	15.6	13.8	20.8



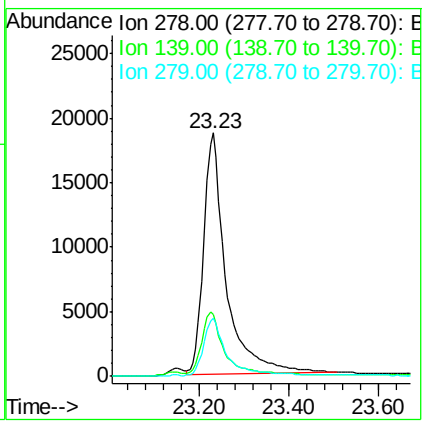


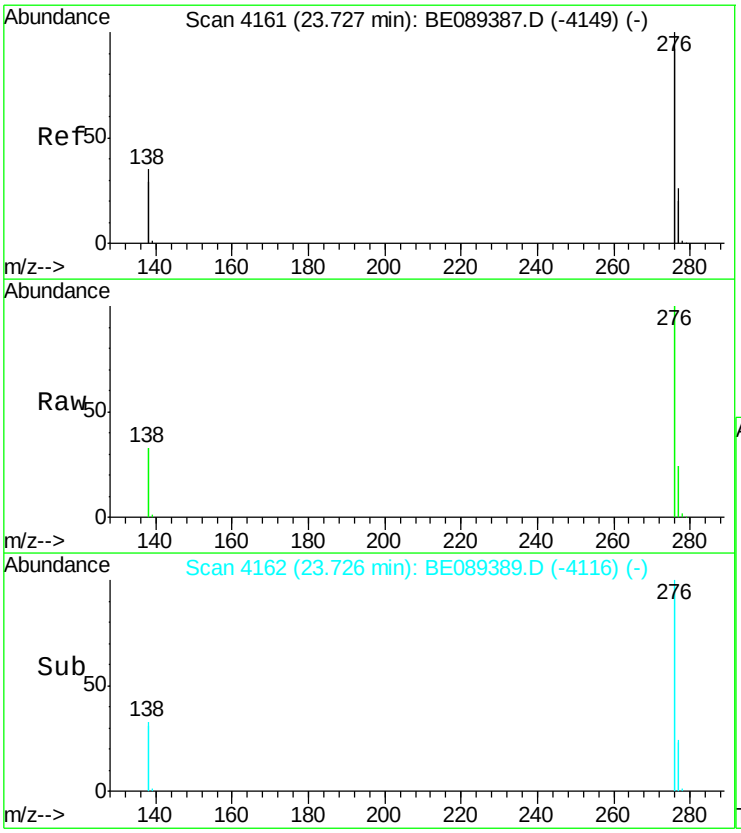
#25
Dibenzo(a,h)anthracene
Concen: 7.32 ng
RT: 23.23 min Scan# 4086
Delta R.T. -0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:278 Resp: 65177

Ion	Ratio	Lower	Upper
278	100		
139	25.4	22.9	34.3
279	24.0	20.8	31.2





#26
Benzo(g,h,i)perylene
Concen: 6.65 ng
RT: 23.73 min Scan# 4162
Delta R.T. -0.00 min
Lab File: BE089389.D
Acq: 9 Jan 2015 20:06

Tgt Ion:276 Resp: 298560

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.0	30.0
138	33.0	28.5	42.7