Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020515\
Data File : BE089509.D
Acq On : 5 Feb 2015 18:55
Operator : TP/IZ
Sample : PB81495BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB81495BS

Quant Time: Feb 06 04:01:36 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

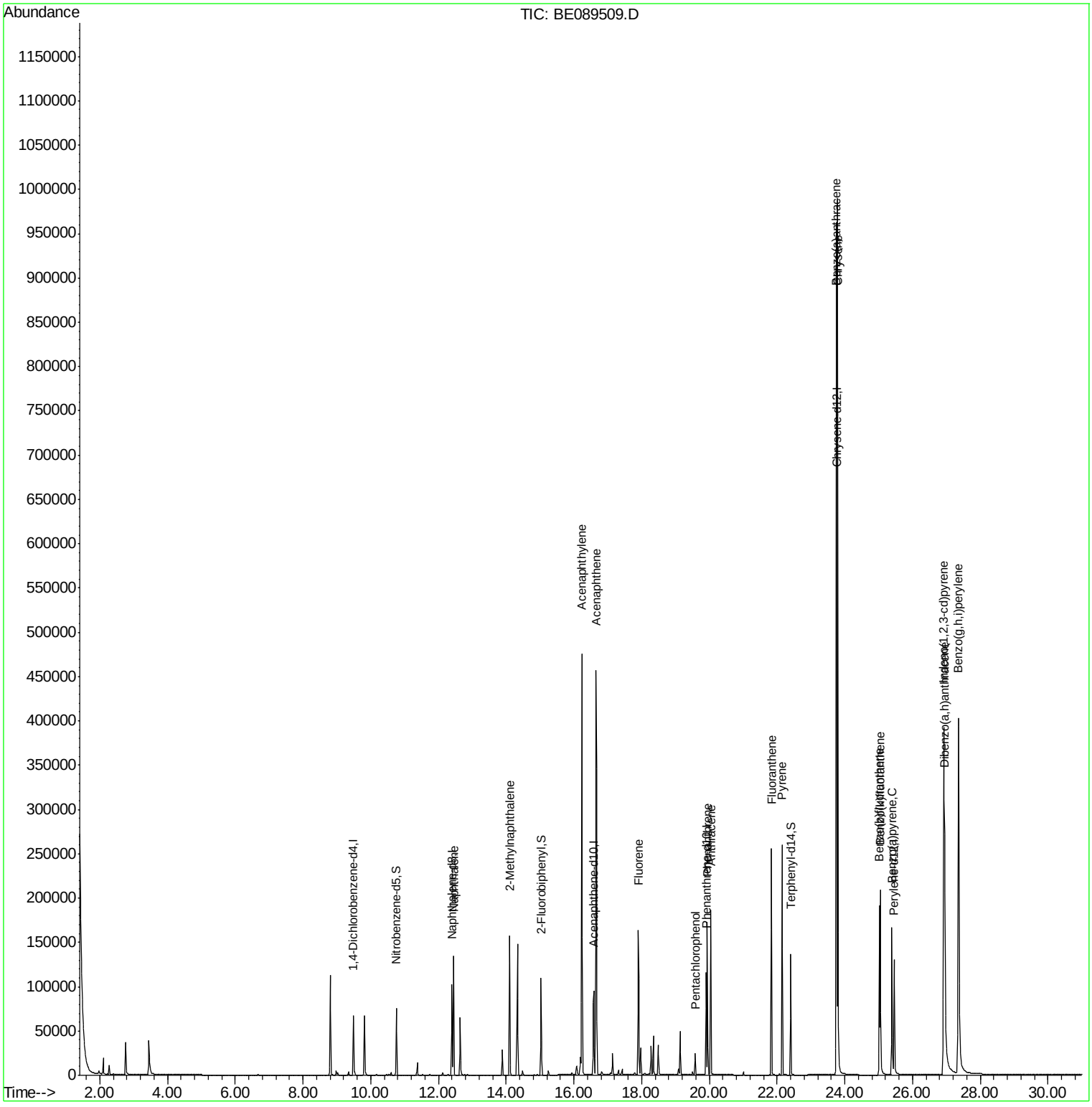
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.49	152	27059	5.00	ng	0.00
2) Naphthalene-d8	12.40	136	118419	5.00	ng	0.00
6) Acenaphthene-d10	16.59	164	58451	5.00	ng	0.00
11) Phenanthrene-d10	19.90	188	111968	5.00	ng	0.00
16) Chrysene-d12	23.76	240	120487	5.00	ng	0.00
22) Perylene-d12	25.46	264	115623	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.76	82	52736	5.84	ng	0.00
7) 2-Fluorobiphenyl	15.03	172	95926	5.21	ng	0.00
18) Terphenyl-d14	22.41	244	119165	5.68	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	12.45	128	146714	4.92	ng	99
5) 2-Methylnaphthalene	14.10	142	95583	4.89	ng	94
8) Acenaphthylene	16.24	152	616321	4.91	ng	100
9) Acenaphthene	16.65	154	91015	4.73	ng	99
10) Fluorene	17.91	166	108948	5.08	ng	99
12) Pentachlorophenol	19.58	266	13079	0.24	ng	94
13) Phenanthrene	19.94	178	168088	4.94	ng	99
14) Anthracene	20.04	178	168096	5.38	ng	100
15) Fluoranthene	21.83	202	171637	5.21	ng	99
17) Pyrene	22.15	202	184279	5.35	ng	99
19) Benzo(a)anthracene	23.75	228	687615	5.30	ng	99
20) Chrysene	23.79	228	690506	5.39	ng	99
21) Indeno(1,2,3-cd)pyrene	26.92	276	741647	4.95	ng	98
23) Benzo(b)fluoranthene	25.02	252	153282	5.07	ng	99
24) Benzo(k)fluoranthene	25.05	252	196519	5.33	ng	97
25) Benzo(a)pyrene	25.39	252	157230	5.22	ng	98
26) Dibenzo(a,h)anthracene	26.95	278	164234	5.23	ng	98
27) Benzo(g,h,i)perylene	27.36	276	626530	5.24	ng	98

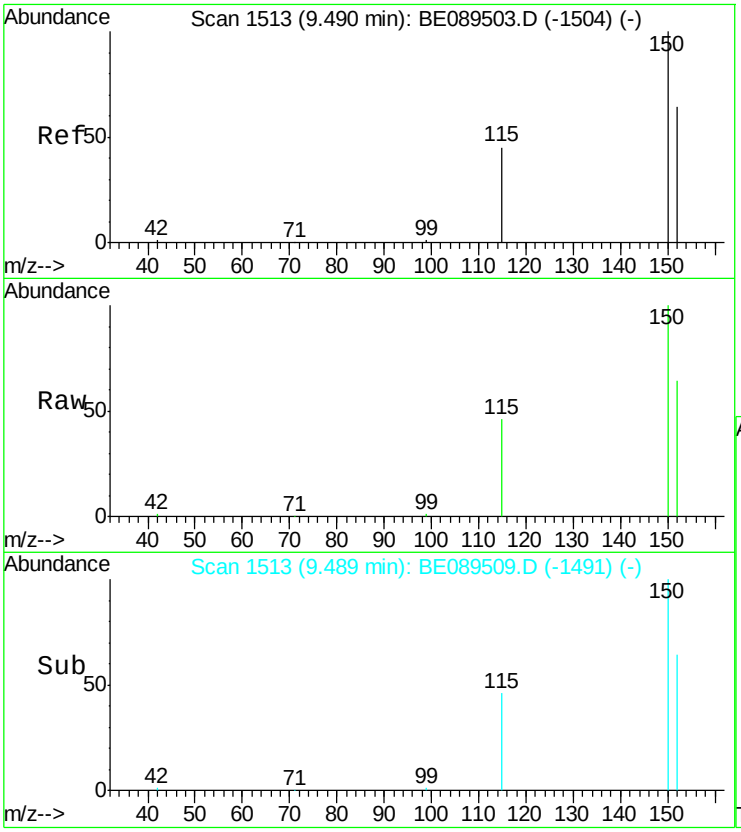
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020515\
Data File : BE089509.D
Acq On : 5 Feb 2015 18:55
Operator : TP/IZ
Sample : PB81495BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Quant Time: Feb 06 04:01:36 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



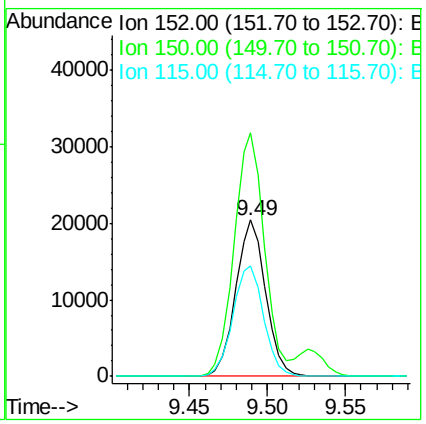


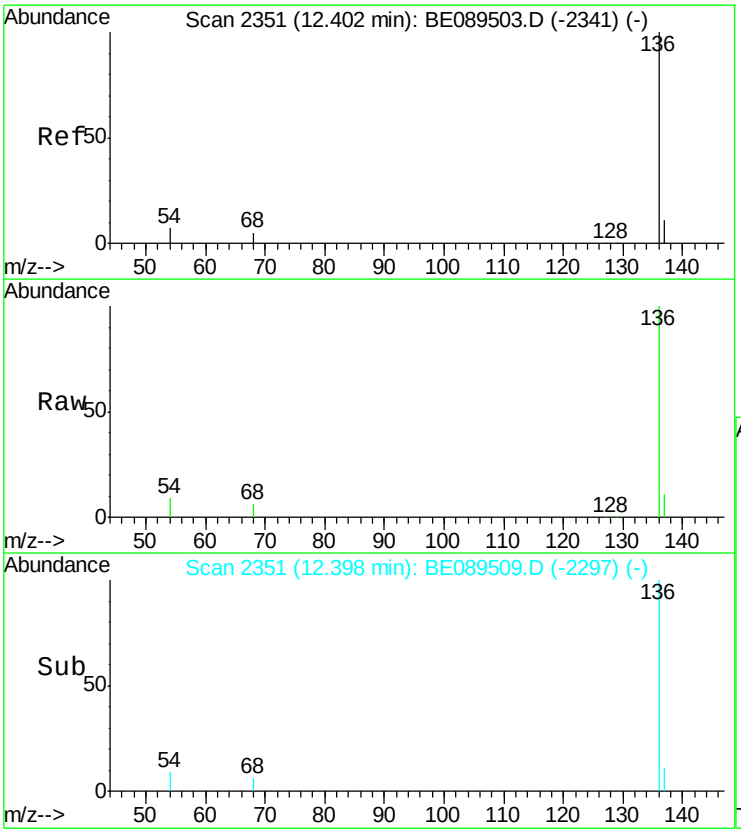
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.49 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:152 Resp: 27059

Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.0	187.6
115	71.1	56.6	85.0

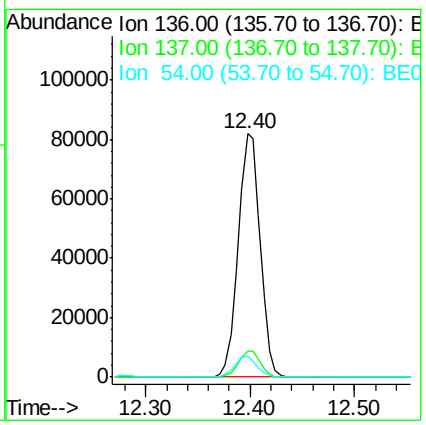


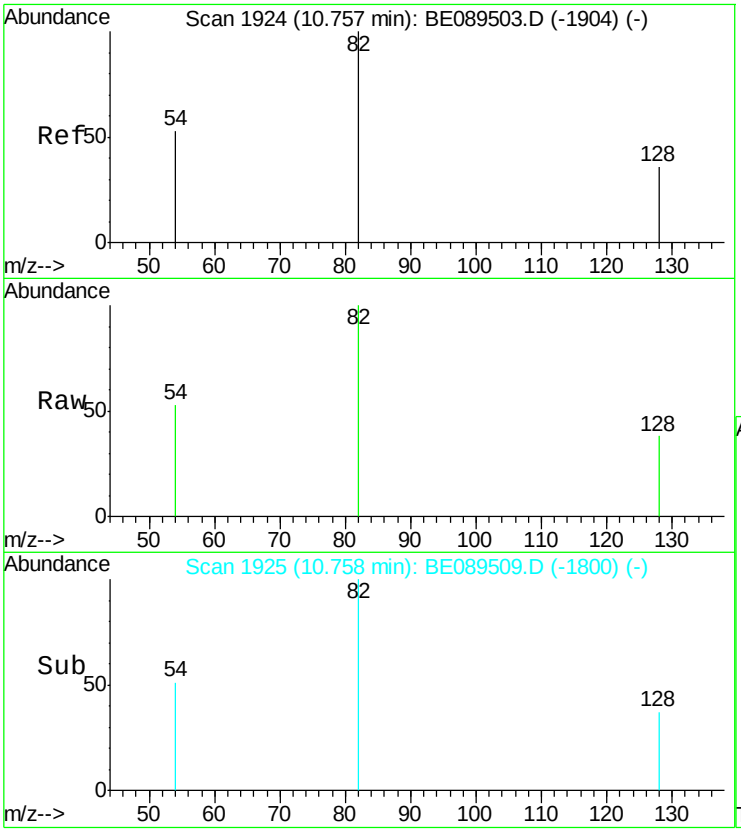


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.40 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Tgt Ion:136 Resp: 118419

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.7	6.0	9.0



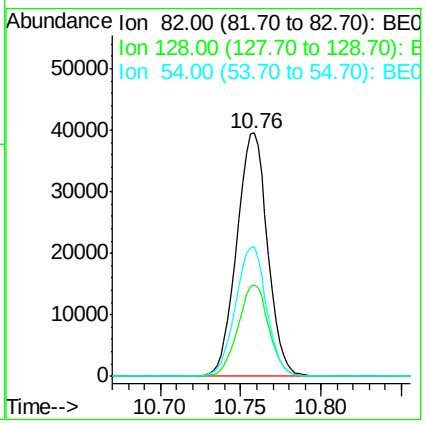


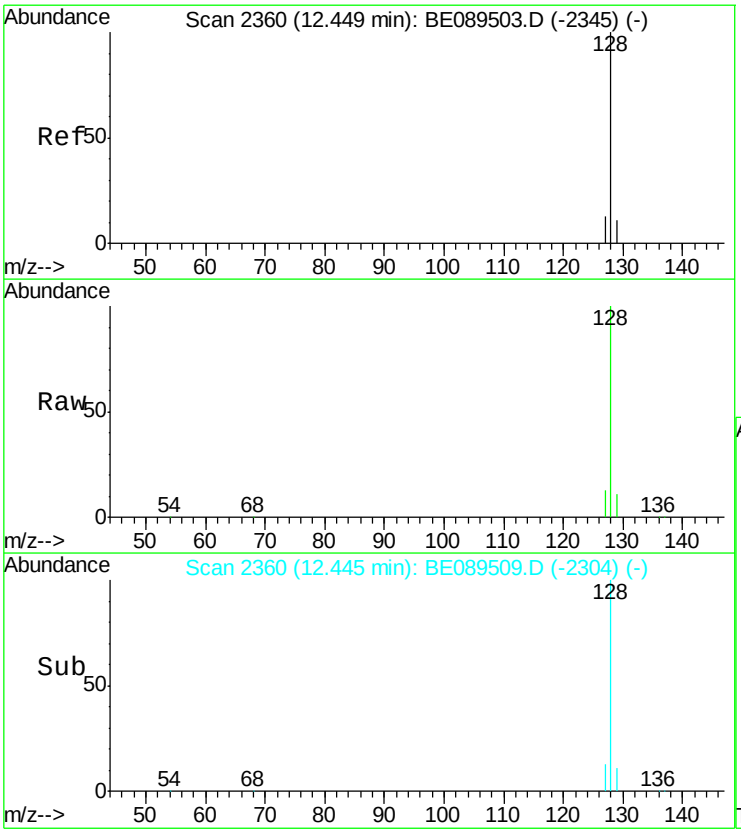
#3
Nitrobenzene-d5
Concen: 5.84 ng
RT: 10.76 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion: 82 Resp: 52736

Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.3	43.9
54	53.1	42.6	64.0

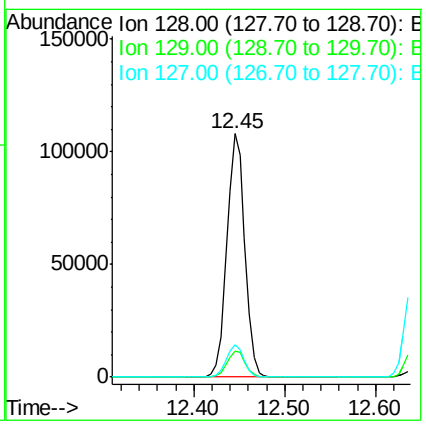


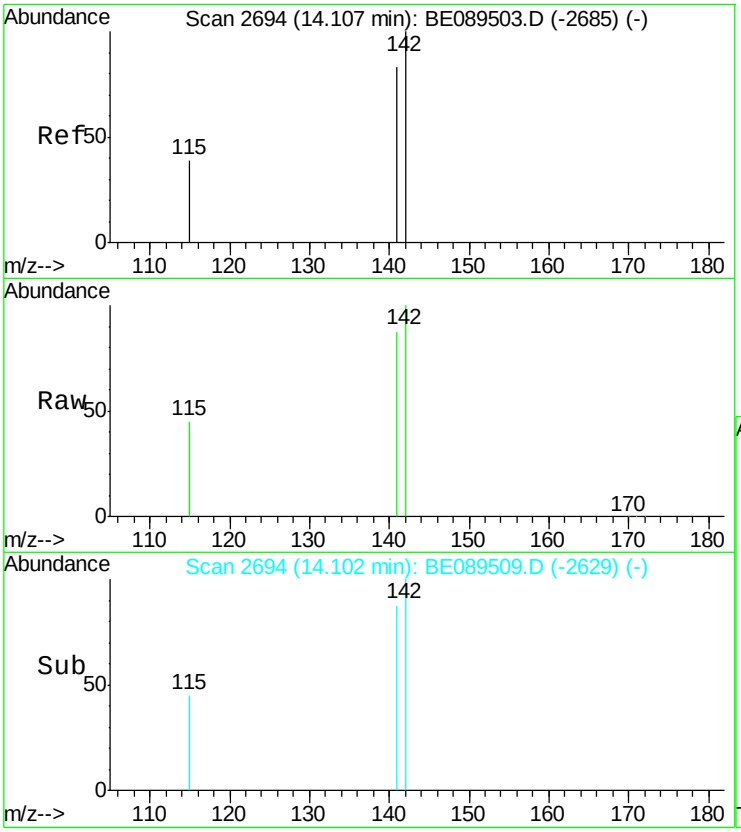


#4
Naphthalene
Concen: 4.92 ng
RT: 12.45 min Scan# 2360
Delta R.T. -0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Tgt Ion:128 Resp: 146714

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



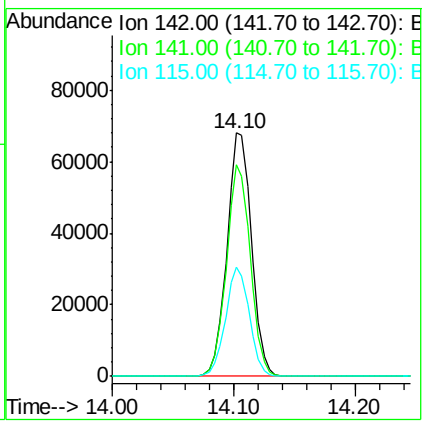


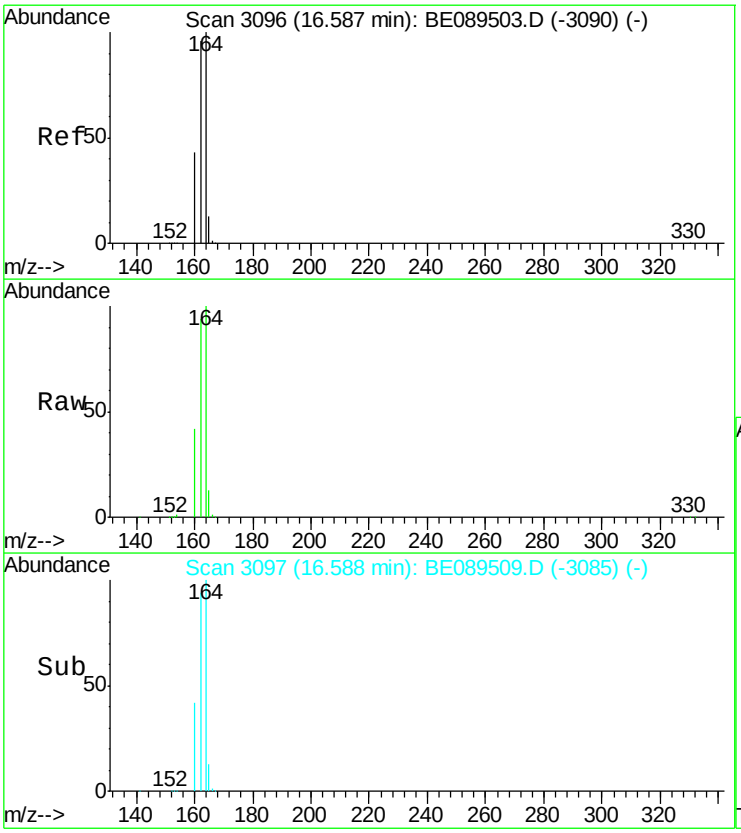
#5
2-Methylnaphthalene
Concen: 4.89 ng
RT: 14.10 min Scan# 2694
Delta R.T. -0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:142 Resp: 95583

Ion	Ratio	Lower	Upper
142	100		
141	86.8	66.3	99.5
115	45.1	31.1	46.7

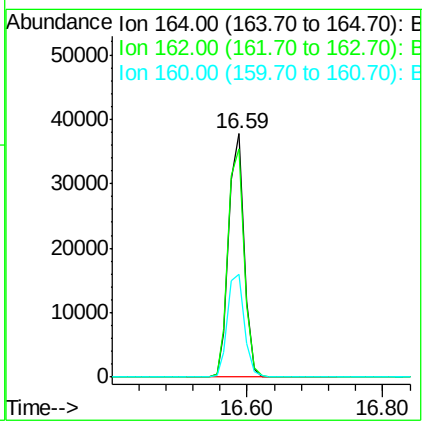


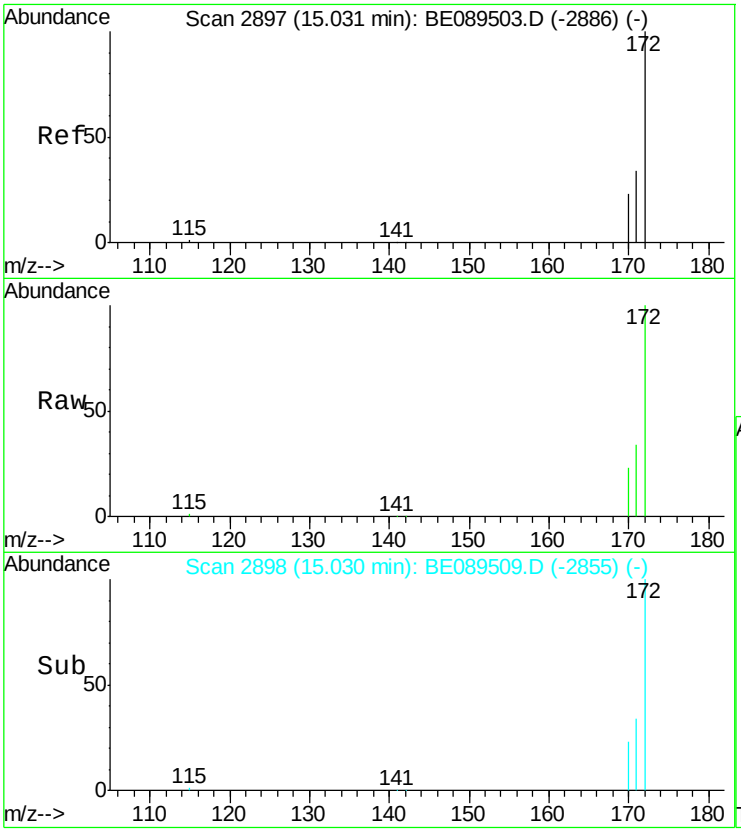


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.59 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Tgt Ion:164 Resp: 58451

Ion	Ratio	Lower	Upper
164	100		
162	93.6	76.6	115.0
160	42.2	34.6	52.0



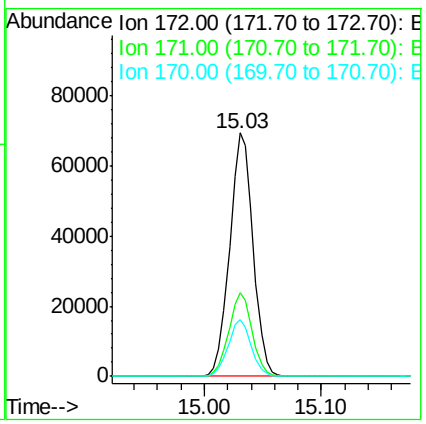


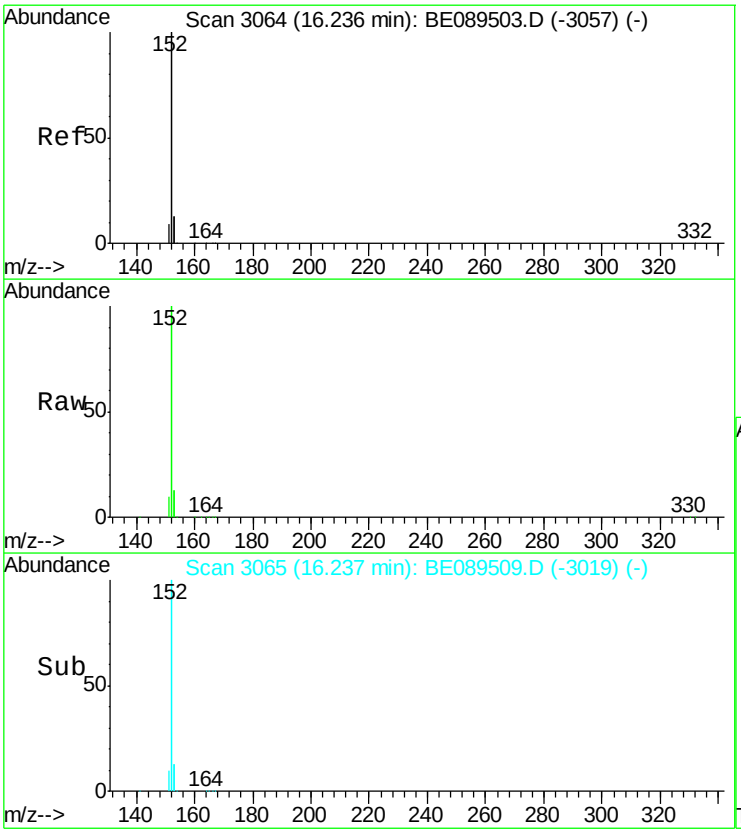
#7
2-Fluorobiphenyl
Concen: 5.21 ng
RT: 15.03 min Scan# 2898
Delta R.T. -0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:172 Resp: 95926

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.0
170	23.1	18.4	27.6

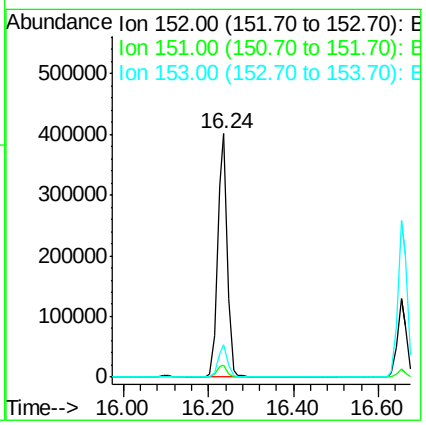


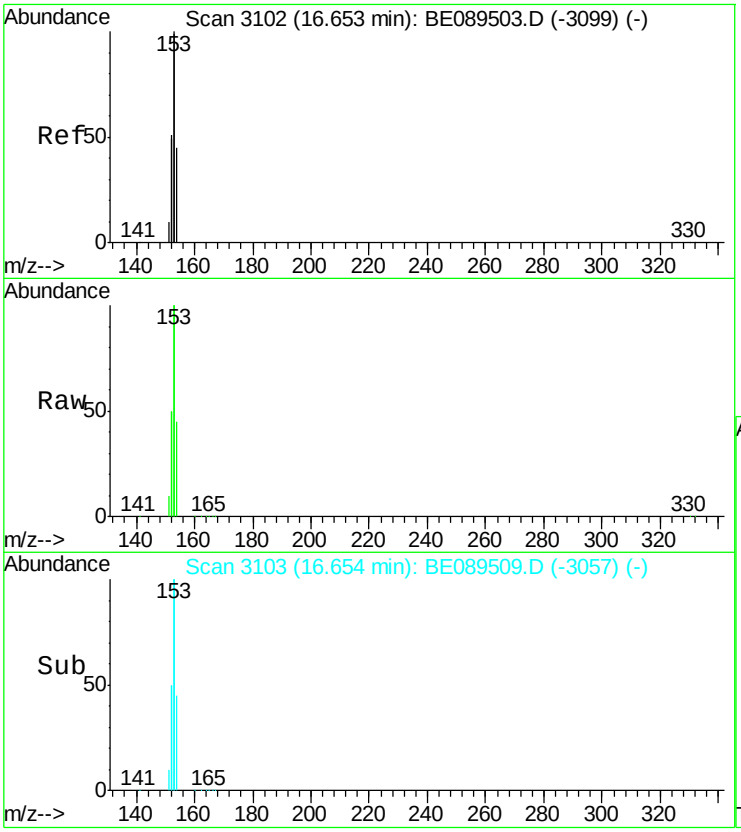


#8
Acenaphthylene
Concen: 4.91 ng
RT: 16.24 min Scan# 3065
Delta R.T. 0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Tgt Ion:152 Resp: 616321

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



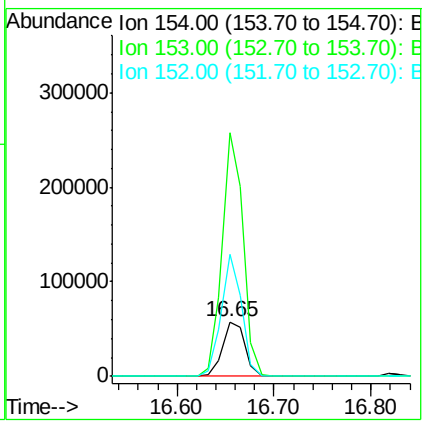


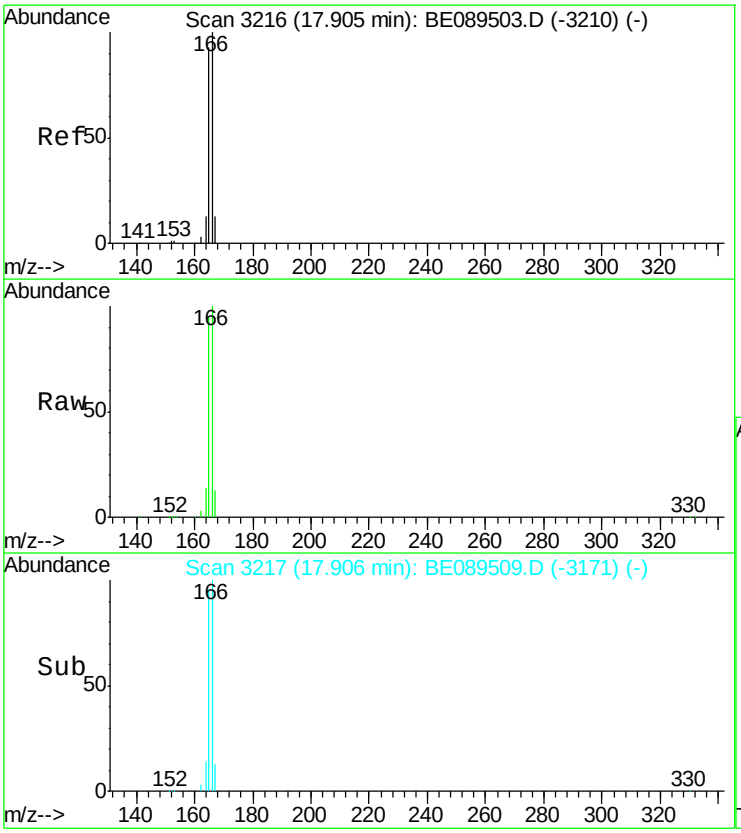
#9
Acenaphthene
Concen: 4.73 ng
RT: 16.65 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:154 Resp: 91015

Ion	Ratio	Lower	Upper
154	100		
153	426.3	341.5	512.3
152	205.5	166.6	249.8

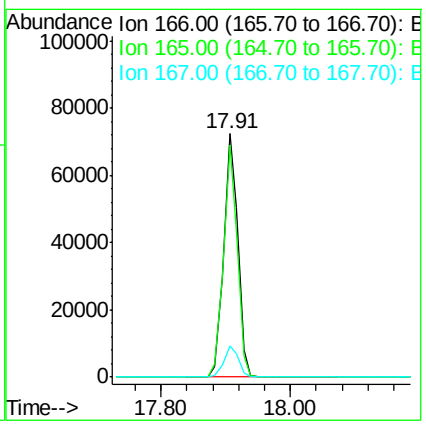


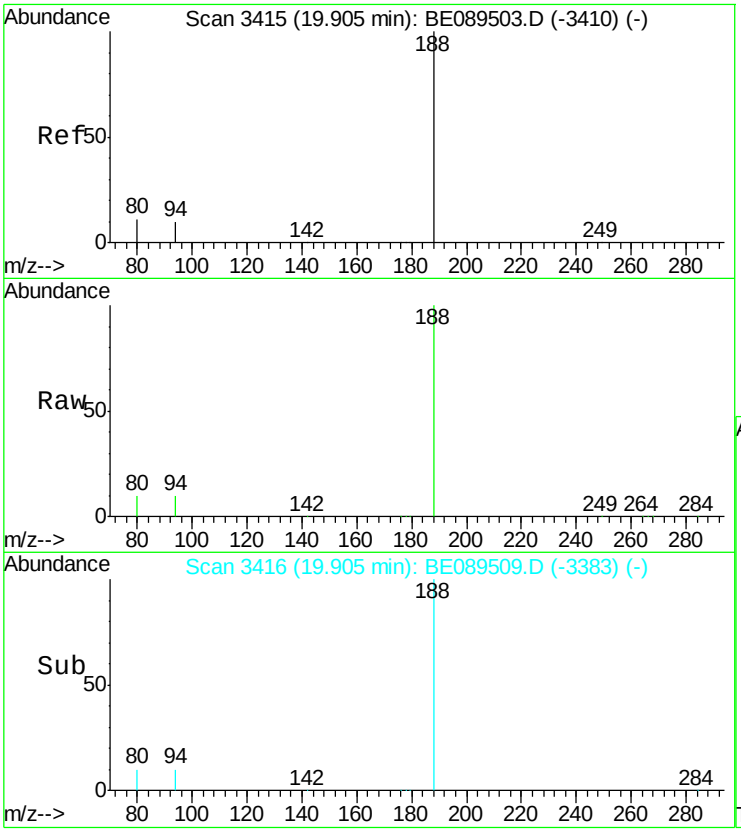


#10
Fluorene
Concen: 5.08 ng
RT: 17.91 min Scan# 3217
Delta R.T. 0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Tgt Ion:166 Resp: 108948

Ion	Ratio	Lower	Upper
166	100		
165	93.0	73.6	110.4
167	13.0	10.6	15.8



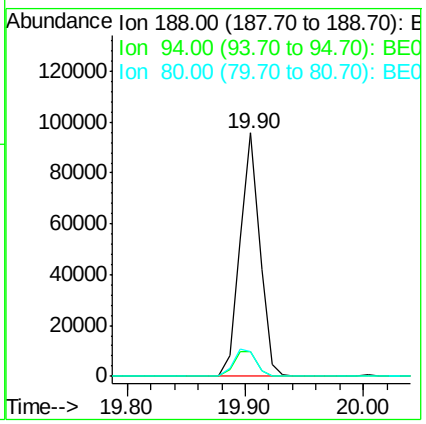


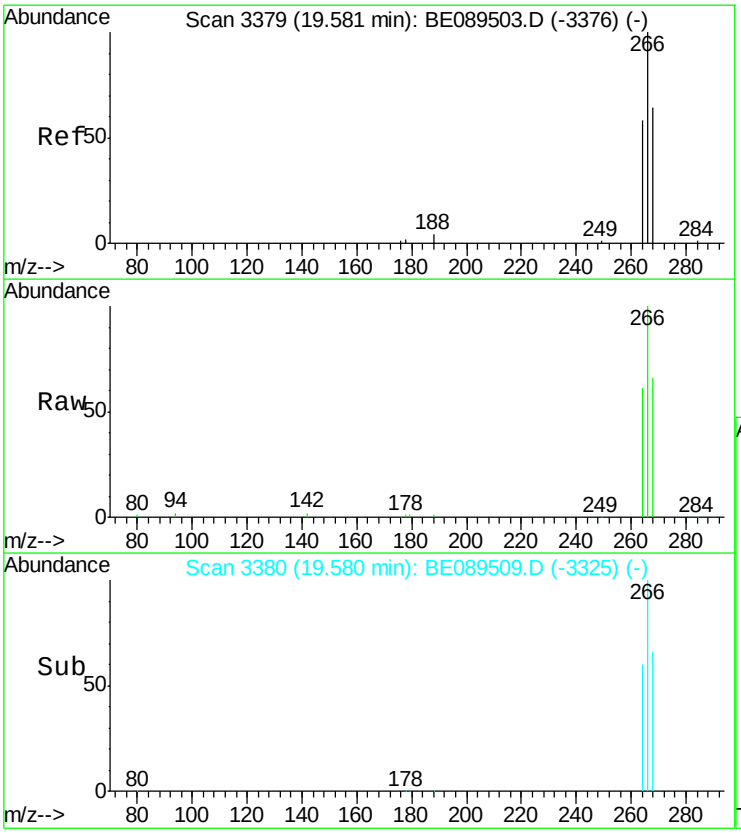
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.90 min Scan# 3416
Delta R.T. -0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:188 Resp: 111968

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.4
80	10.2	8.7	13.1

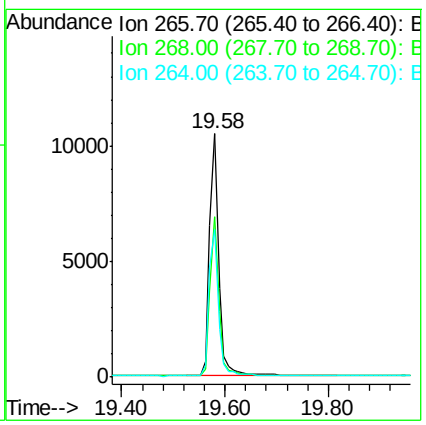


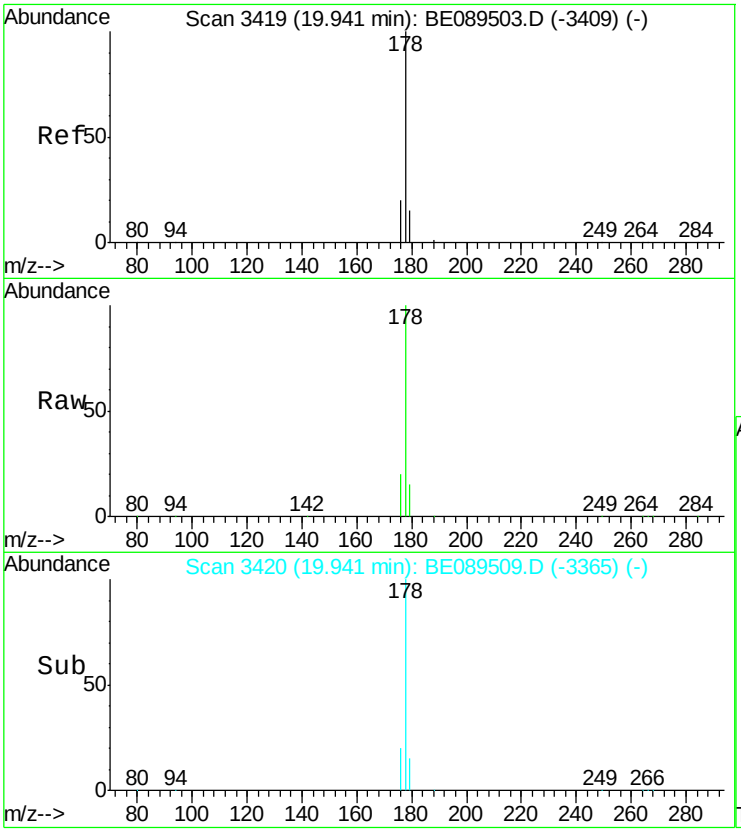


#12
Pentachlorophenol
Concen: 0.24 ng
RT: 19.58 min Scan# 3380
Delta R.T. -0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Tgt Ion:266 Resp: 13079

Ion	Ratio	Lower	Upper
266	100		
268	66.0	56.7	85.1
264	60.6	51.9	77.9



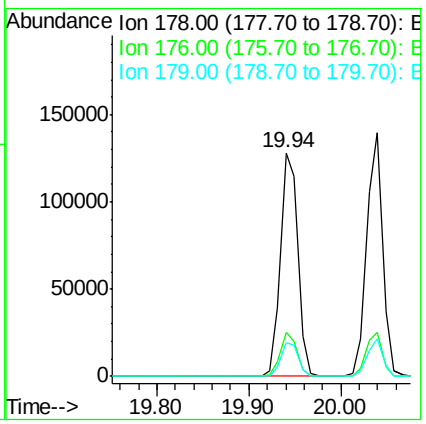


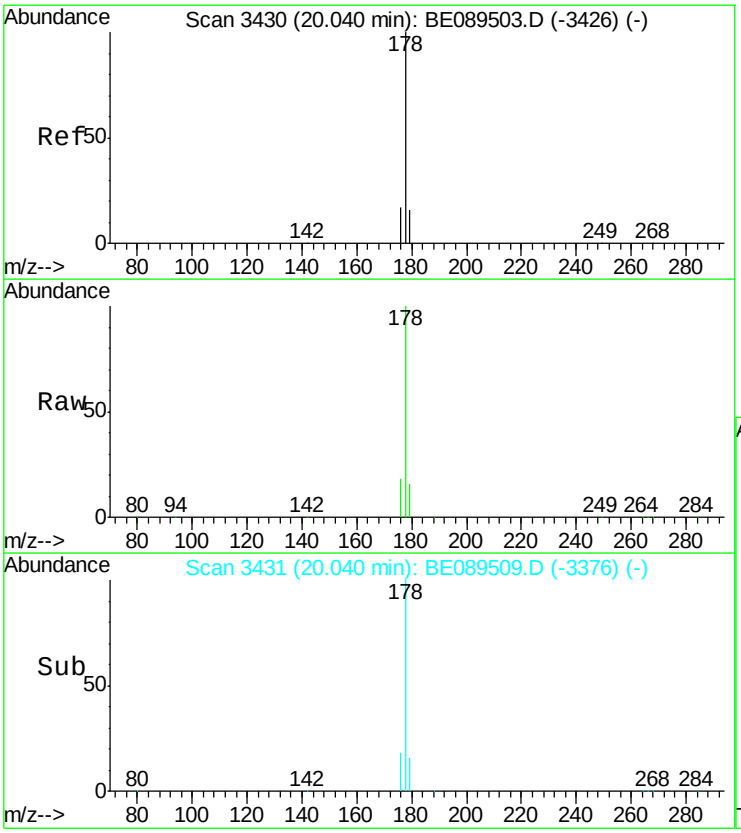
#13
Phenanthrene
Concen: 4.94 ng
RT: 19.94 min Scan# 3420
Delta R.T. -0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:178 Resp: 168088

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.2	12.4	18.6

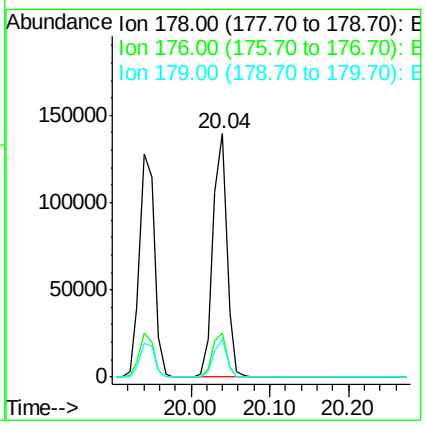


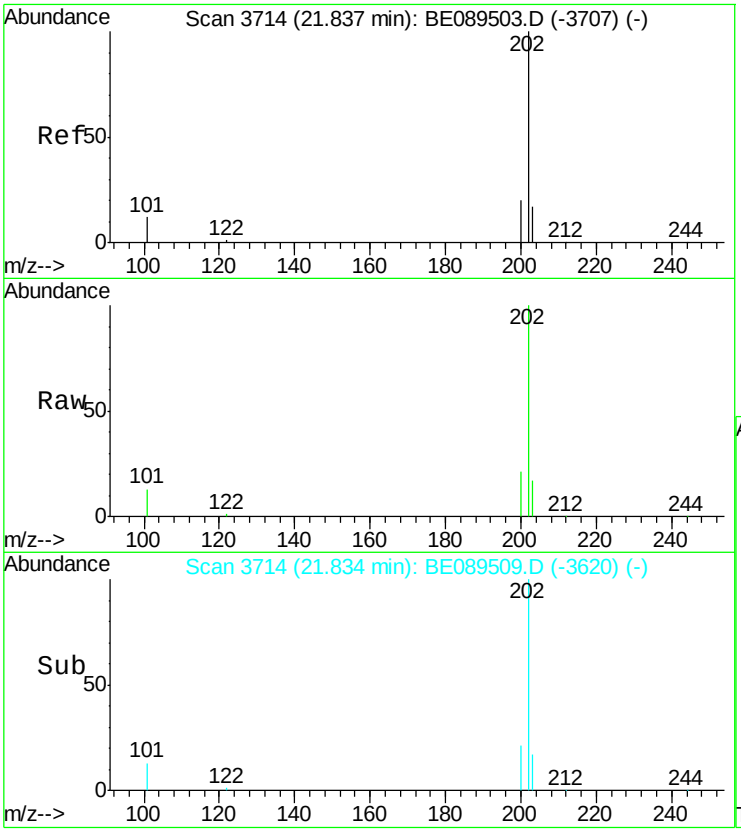


#14
Anthracene
Concen: 5.38 ng
RT: 20.04 min Scan# 3431
Delta R.T. -0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Tgt Ion:178 Resp: 168096

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



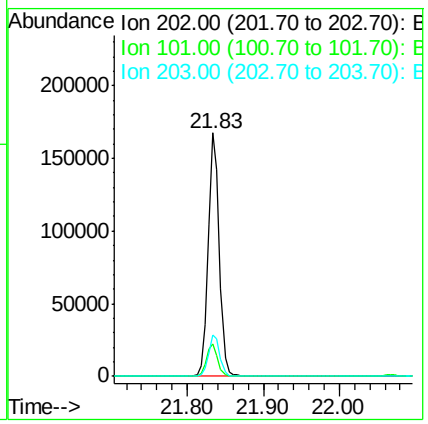


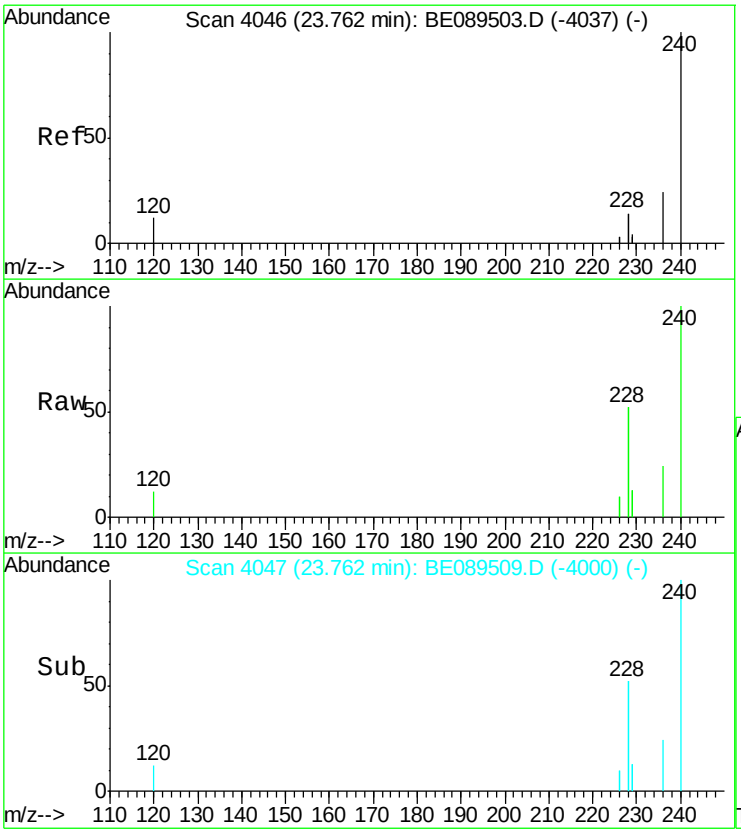
#15
Fluoranthene
Concen: 5.21 ng
RT: 21.83 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:202 Resp: 171637

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.3	16.9
203	17.3	13.8	20.6

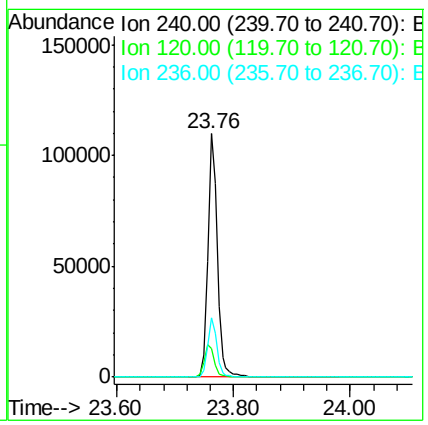


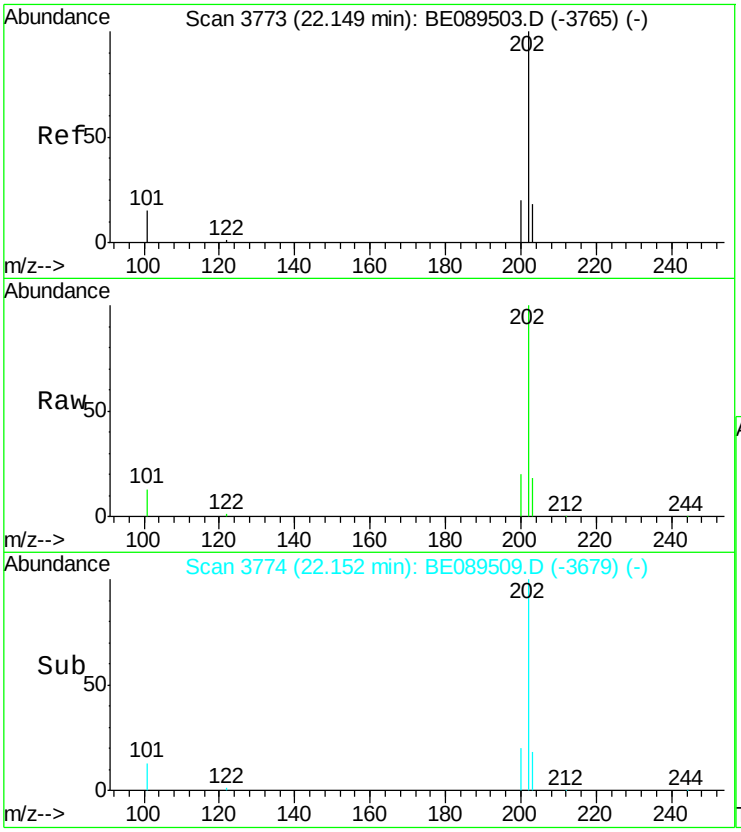


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 4047
Delta R.T. -0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Tgt Ion:240 Resp: 120487

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.6	14.4
236	24.5	19.4	29.2



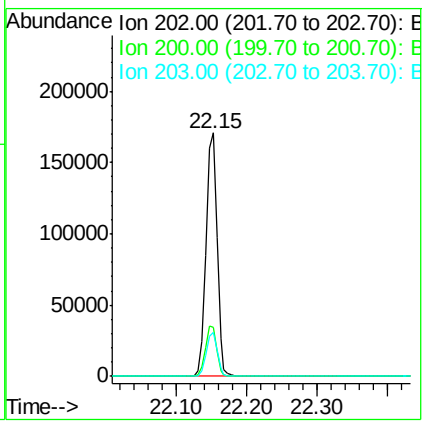


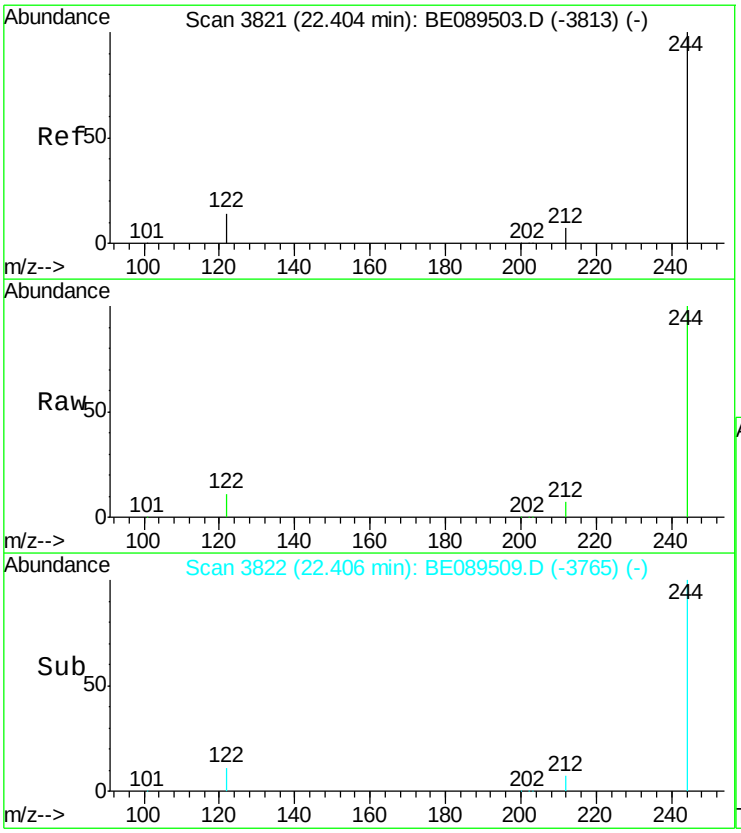
#17
Pyrene
Concen: 5.35 ng
RT: 22.15 min Scan# 3774
Delta R.T. 0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:202 Resp: 184279

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.5	24.7
203	17.8	14.0	21.0

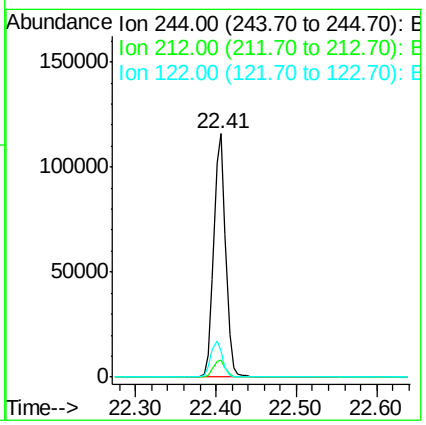


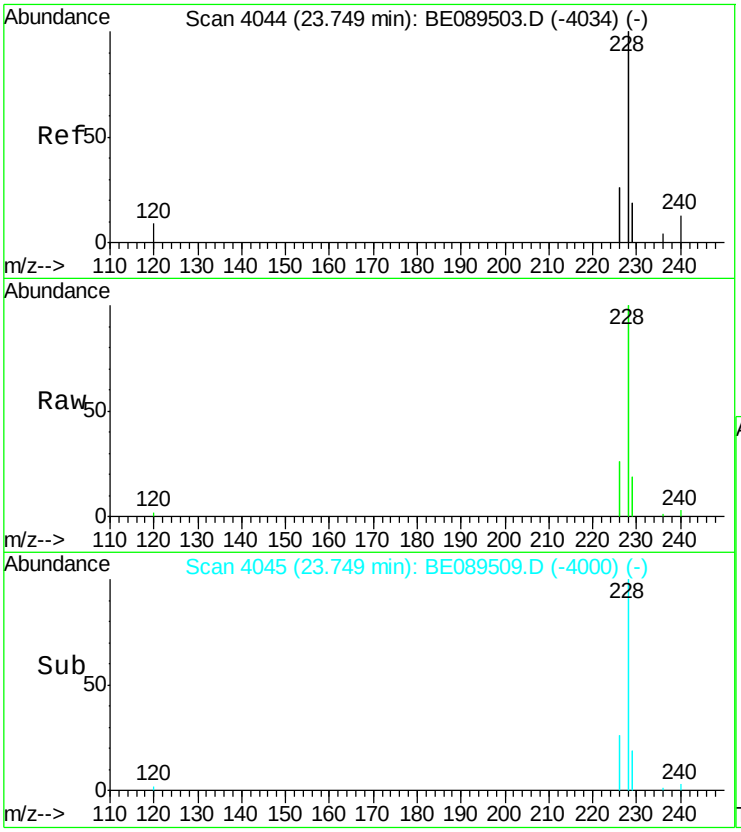


#18
Terphenyl-d14
Concen: 5.68 ng
RT: 22.41 min Scan# 3822
Delta R.T. 0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Tgt Ion:244 Resp: 119165

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	10.8	11.1	16.7#



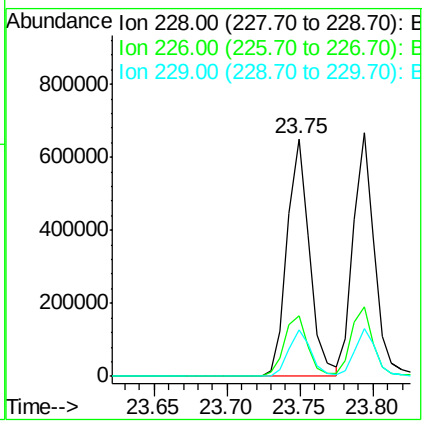


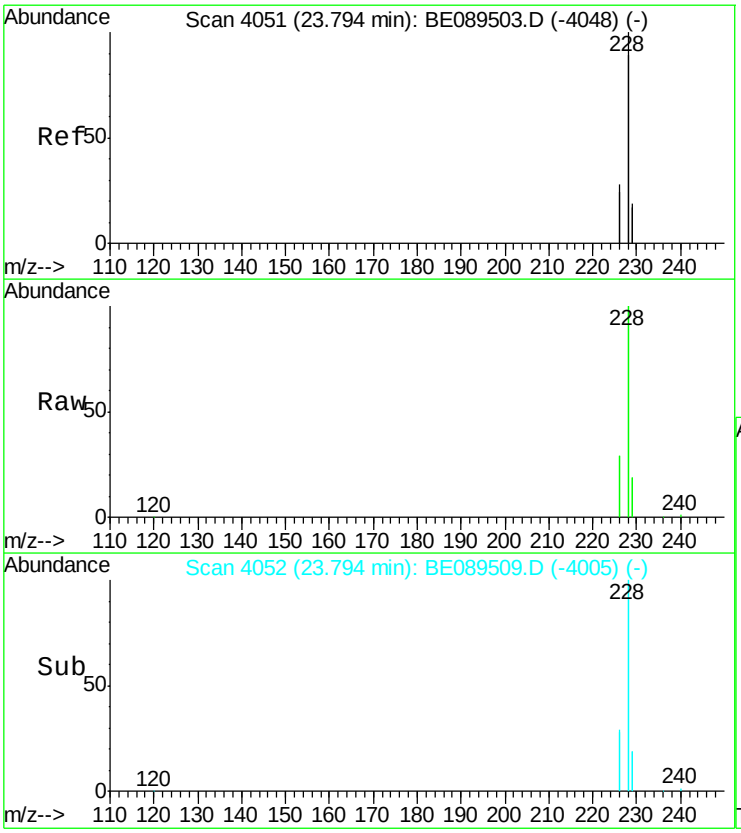
#19
Benzo(a)anthracene
Concen: 5.30 ng
RT: 23.75 min Scan# 4045
Delta R.T. 0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:228 Resp: 687615

Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.0	31.6
229	19.5	15.5	23.3

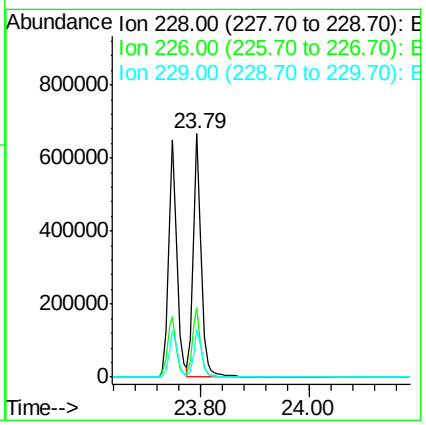


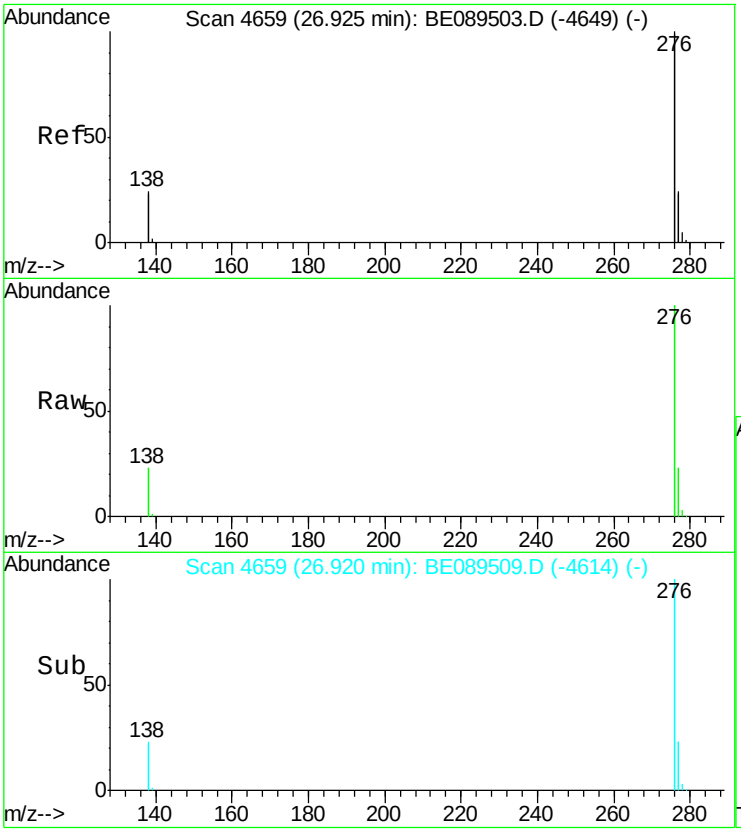


#20
Chrysene
Concen: 5.39 ng
RT: 23.79 min Scan# 4052
Delta R.T. 0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Tgt Ion:228 Resp: 690506

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	19.4	15.4	23.0



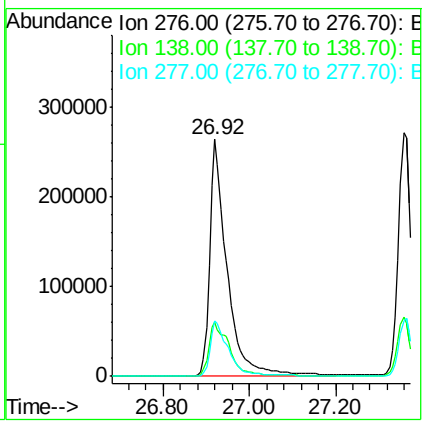


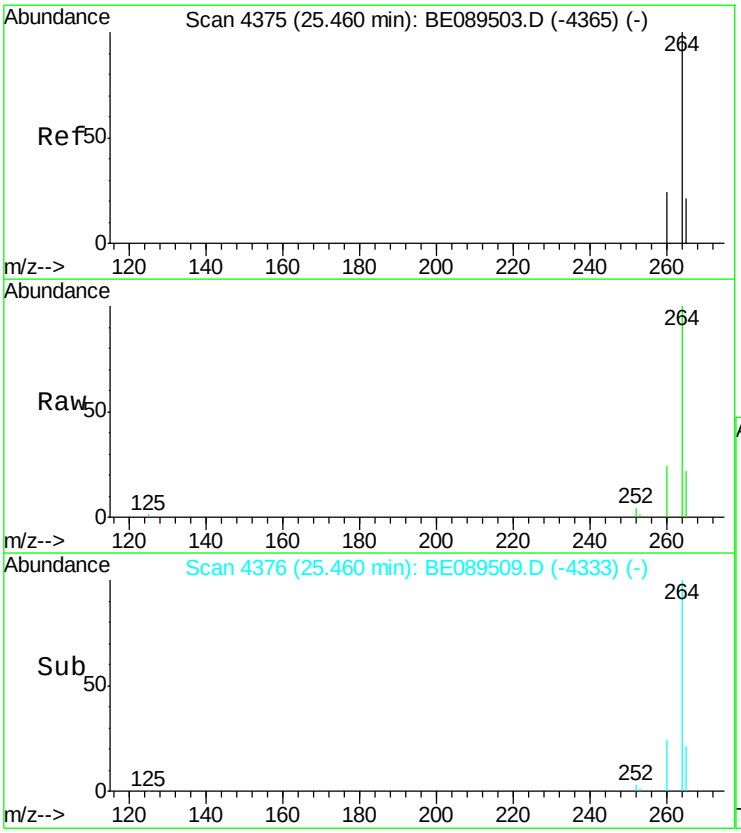
#21
Indeno(1,2,3-cd)pyrene
Concen: 4.95 ng
RT: 26.92 min Scan# 4659
Delta R.T. -0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:276 Resp: 741647

Ion	Ratio	Lower	Upper
276	100		
138	27.4	23.2	34.8
277	25.2	19.8	29.6

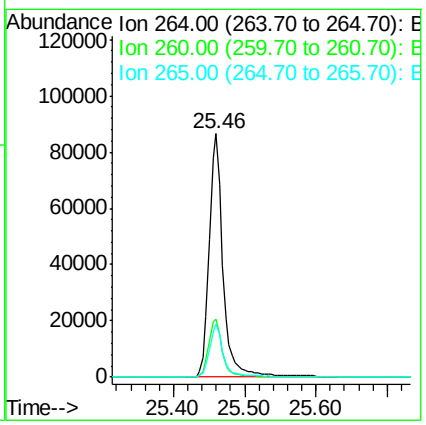


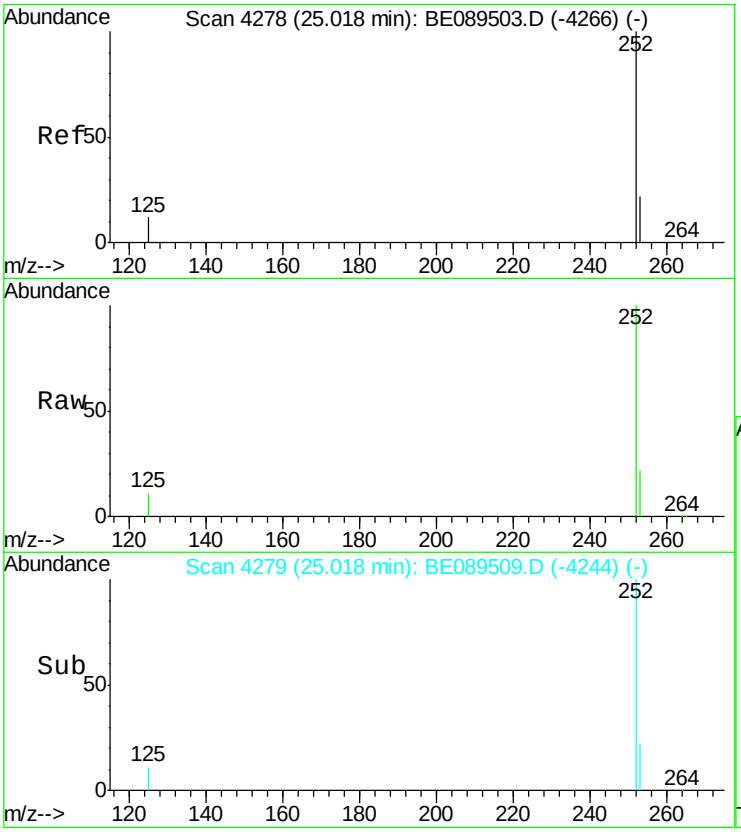


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.46 min Scan# 4376
Delta R.T. -0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Tgt Ion:264 Resp: 115623

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.6	17.0	25.6



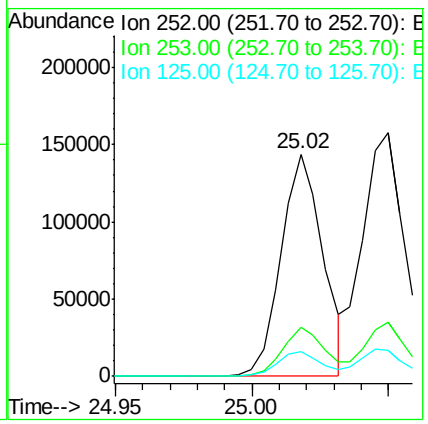


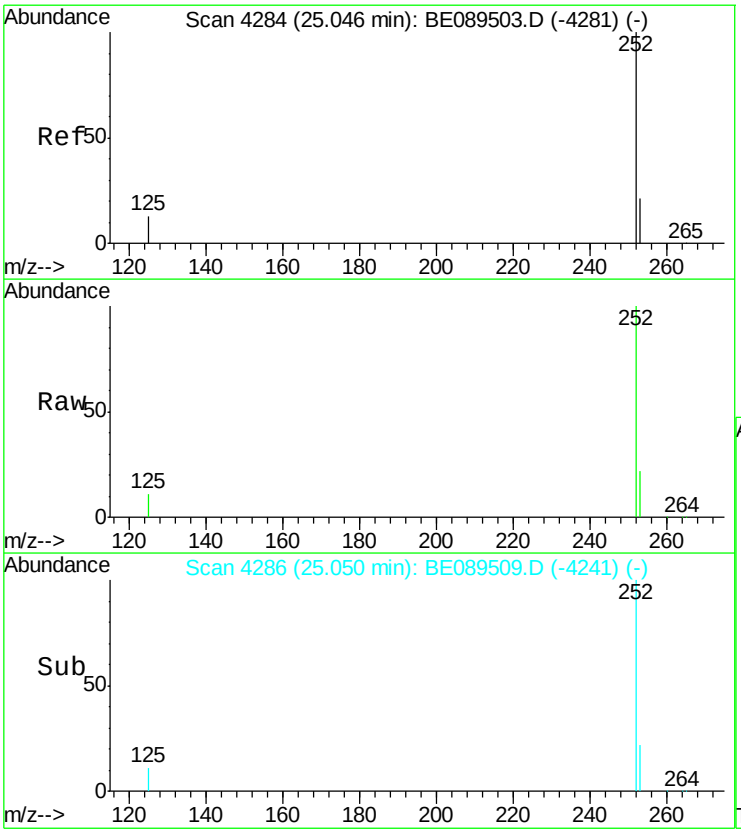
#23
Benzo(b)fluoranthene
Concen: 5.07 ng
RT: 25.02 min Scan# 4279
Delta R.T. -0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:252 Resp: 153282

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	11.3	9.6	14.4

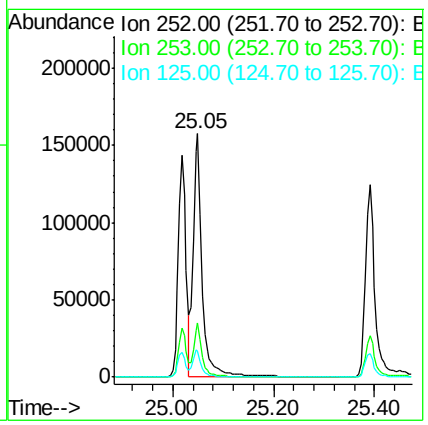


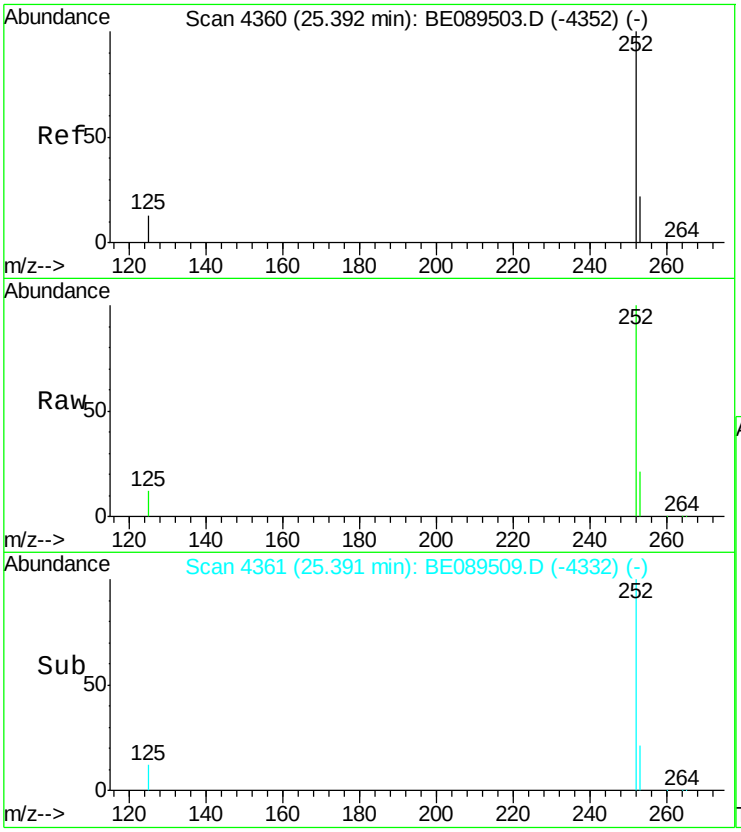


#24
Benzo(k)fluoranthene
Concen: 5.33 ng
RT: 25.05 min Scan# 4286
Delta R.T. 0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Tgt Ion:252 Resp: 196519

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	10.7	10.2	15.4



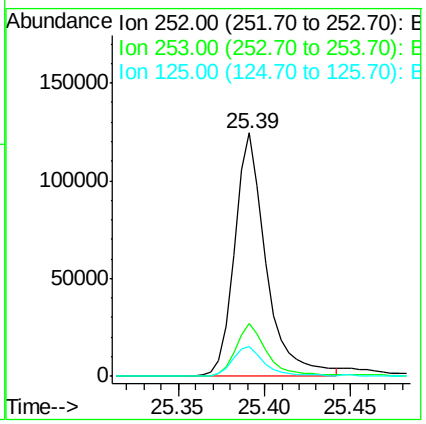


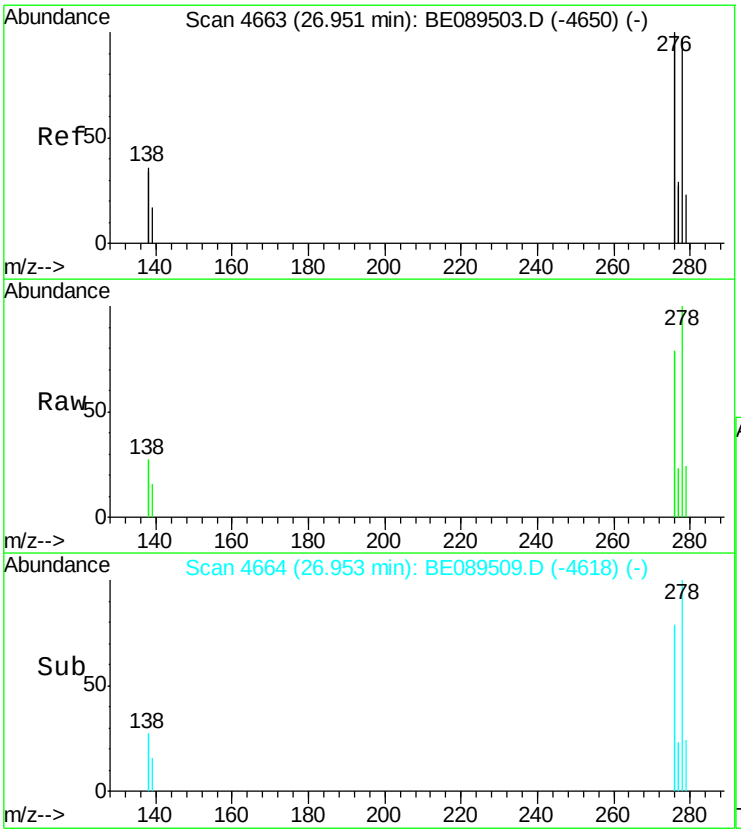
#25
Benzo(a)pyrene
Concen: 5.22 ng
RT: 25.39 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:252 Resp: 157230

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	12.2	10.7	16.1

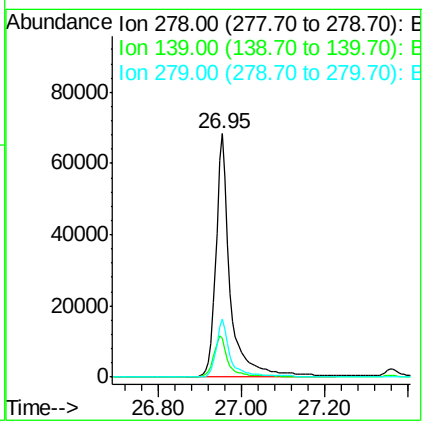


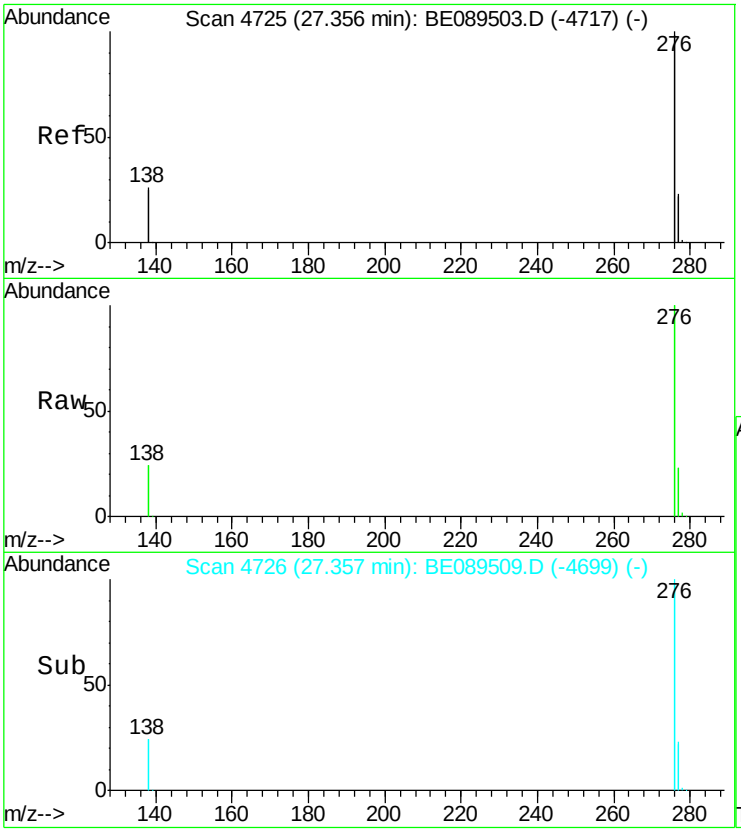


#26
Dibenzo(a,h)anthracene
Concen: 5.23 ng
RT: 26.95 min Scan# 4664
Delta R.T. 0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Tgt Ion:278 Resp: 164234

Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.6	22.0
279	23.8	19.0	28.4





#27
Benzo(g,h,i)perylene
Concen: 5.24 ng
RT: 27.36 min Scan# 4726
Delta R.T. 0.00 min
Lab File: BE089509.D
Acq: 5 Feb 2015 18:55

Instrument :
BNA_E
ClientSampleId :
PB81495BS

Tgt Ion:276 Resp: 626530

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	24.4	20.8	31.2