Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE010715\
Data File : BE089356.D
Acq On : 8 Jan 2015 9:40
Operator : TP/IZ
Sample : PB81206BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB81206BSD

Quant Time: Jan 08 15:56:33 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BASE-BE010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 15:21:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	16508	5.00	ng	0.00
2) Naphthalene-d8	8.51	136	66546	5.00	ng	0.00
6) Acenaphthene-d10	10.66	164	33335	5.00	ng	0.00
11) Phenanthrene-d10	12.72	188	52679	5.00	ng	0.00
15) Chrysene-d12	18.07	240	30565	5.00	ng	0.00
21) Perylene-d12	21.12	264	30935	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	7.64	82	35588	7.69	ng	0.00
7) 2-Fluorobiphenyl	9.85	172	62087	6.83	ng	0.00
17) Terphenyl-d14	15.85	244	42373	7.83	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	8.54	128	100307	6.69	ng	99
5) 2-Methylnaphthalene	9.39	142	63885	6.82	ng	96
8) Acenaphthylene	10.47	152	392202	6.88	ng	98
9) Acenaphthene	10.69	154	56965	6.41	ng	83
10) Fluorene	11.34	166	64182	6.74	ng	99
12) Phenanthrene	12.75	178	358096	6.51	ng	100
13) Anthracene	12.84	178	368065	6.94	ng	99
14) Fluoranthene	14.95	202	74352	6.12	ng	99
16) Pyrene	15.40	202	75318	7.51	ng	99
18) Benzo(a)anthracene	18.04	228	214390	6.92	ng	99
19) Chrysene	18.12	228	217959	7.01	ng	99
20) Indeno(1,2,3-cd)pyrene	23.21	276	170709	5.73	ng	98
22) Benzo(b)fluoranthene	20.36	252	49356	7.31	ng	98
23) Benzo(k)fluoranthene	20.42	252	60023	7.05	ng	98
24) Benzo(a)pyrene	21.00	252	54793	8.22	ng	97
25) Dibenzo(a,h)anthracene	23.30	278	47625	7.80	ng	95
26) Benzo(g,h,i)perylene	23.79	276	222319	7.23	ng	98

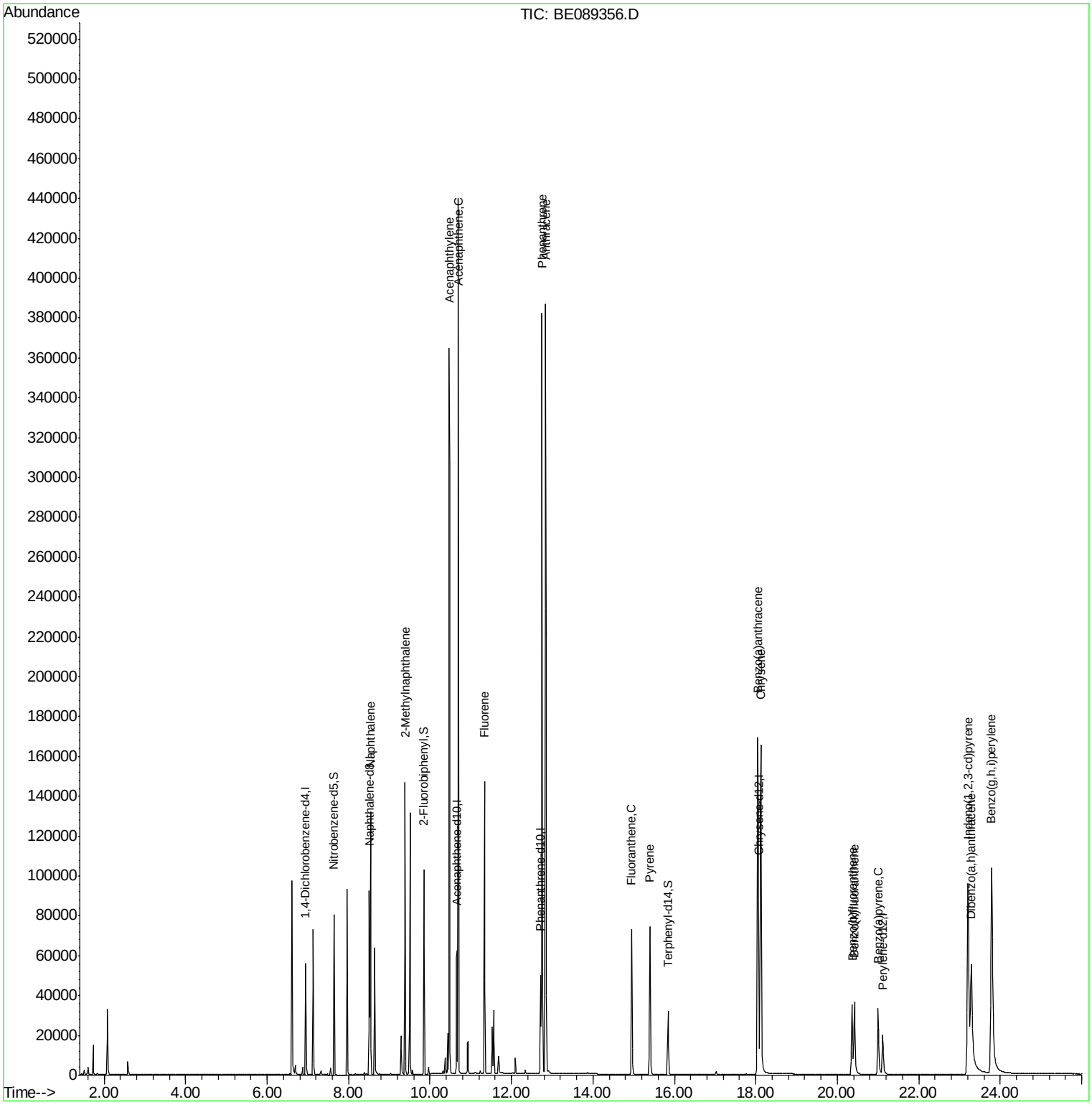
(#) = qualifier out of range (m) = manual integration (+) = signals summed

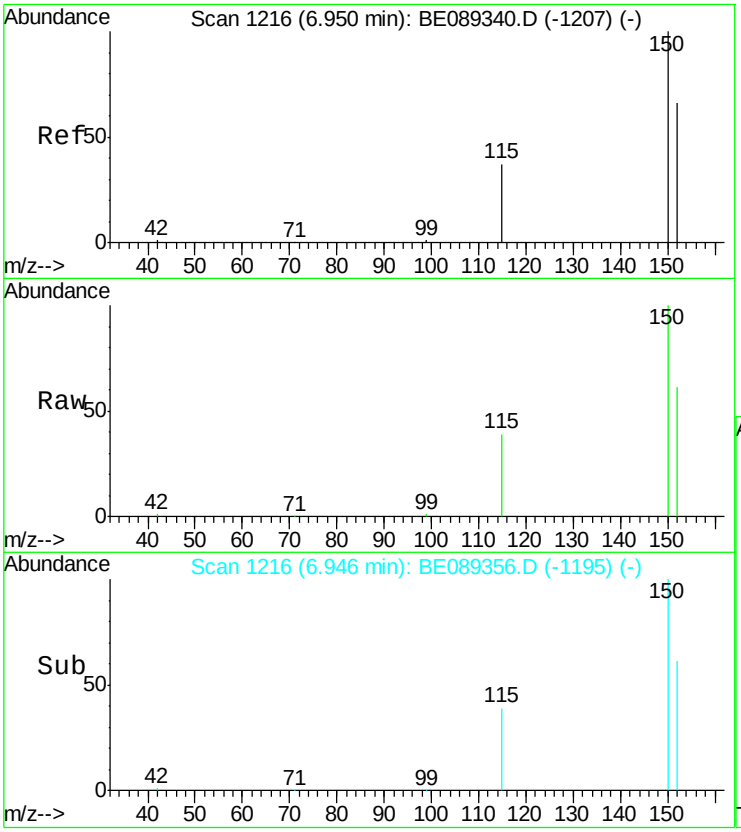
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE010715\
Data File : BE089356.D
Acq On : 8 Jan 2015 9:40
Operator : TP/IZ
Sample : PB81206BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Quant Time: Jan 08 15:56:33 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BASE-BE010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 15:21:44 2015
Response via : Initial Calibration



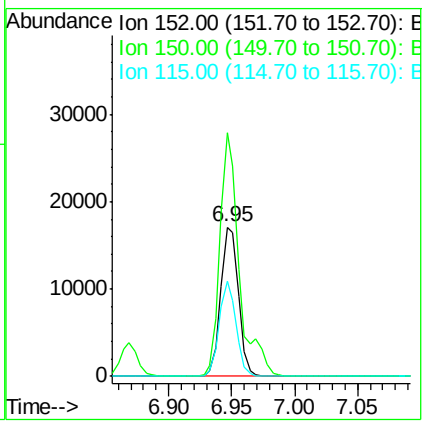


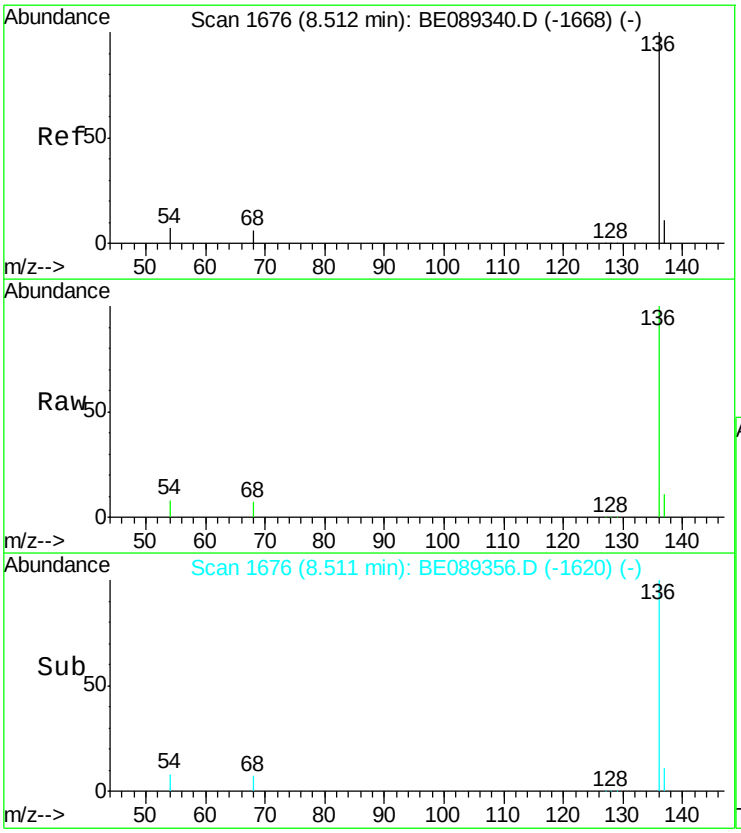
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.95 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:152 Resp: 16508

Ion	Ratio	Lower	Upper
152	100		
150	163.4	121.5	182.3
115	63.5	45.2	67.8

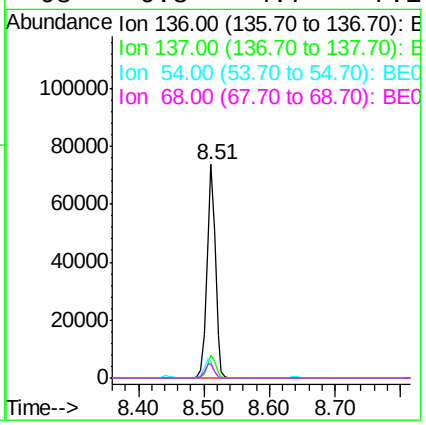


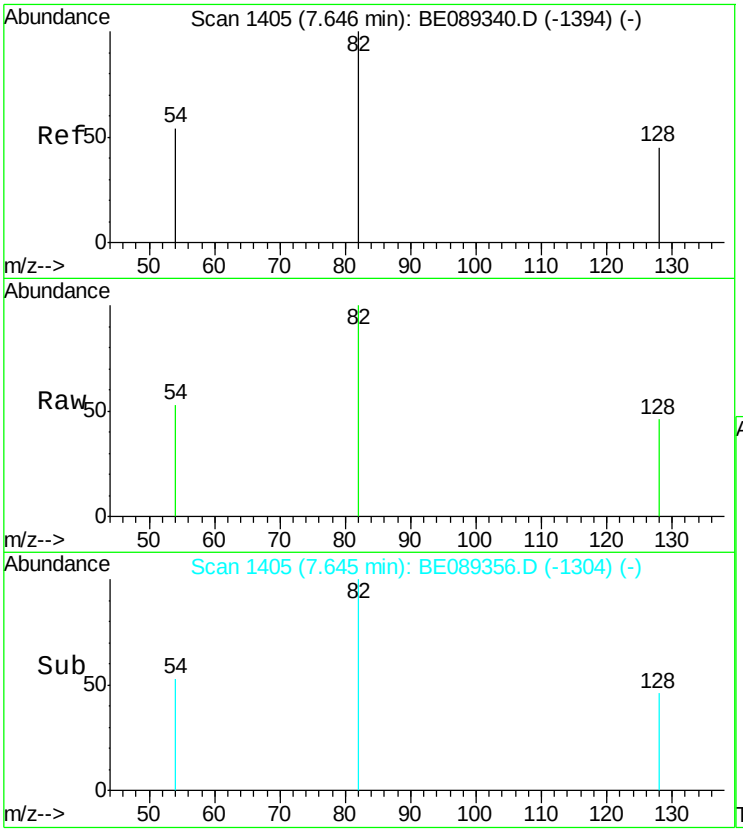


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 8.51 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Tgt Ion:136 Resp: 66546

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.7	5.4	8.0
68	6.8	4.7	7.1



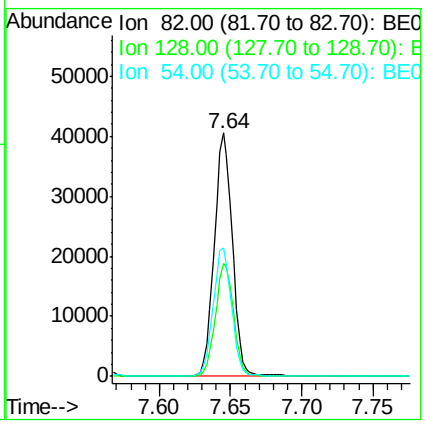


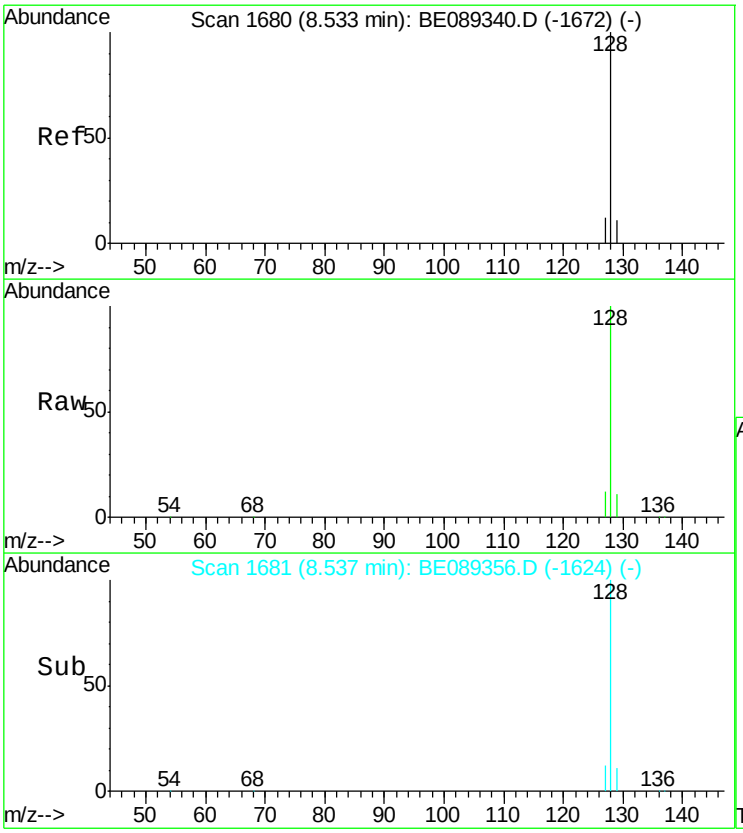
#3
Nitrobenzene-d5
Concen: 7.69 ng
RT: 7.64 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion: 82 Resp: 35588

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.5	54.7
54	52.9	43.5	65.3

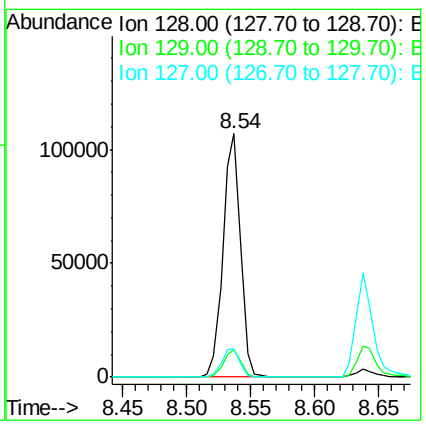


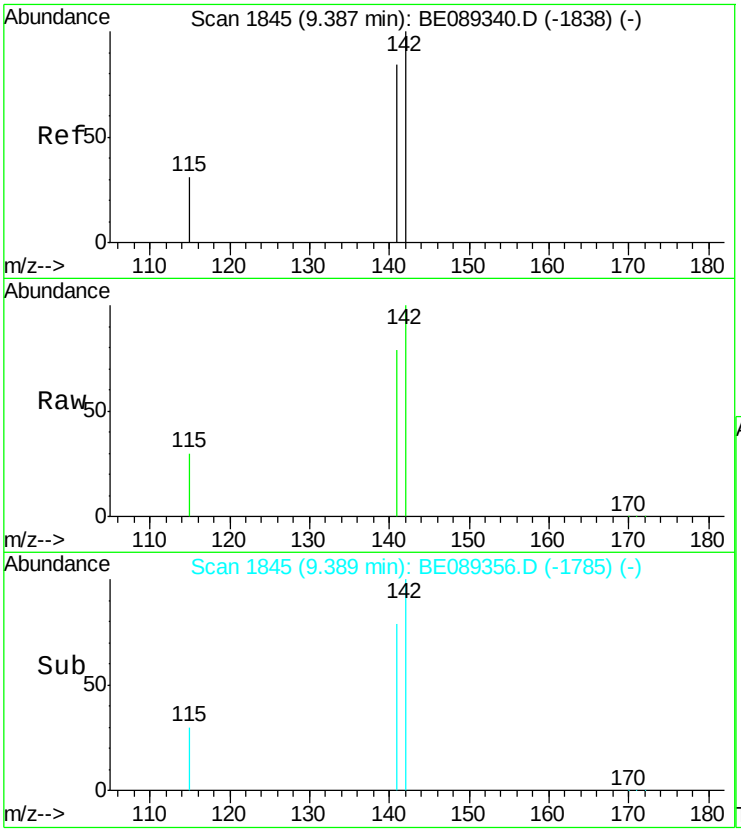


#4
Naphthalene
Concen: 6.69 ng
RT: 8.54 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Tgt Ion:128 Resp: 100307

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	11.8	10.0	15.0



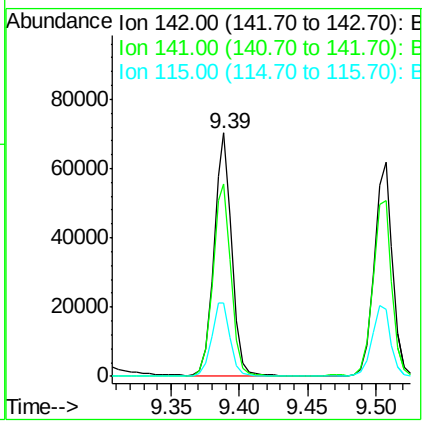


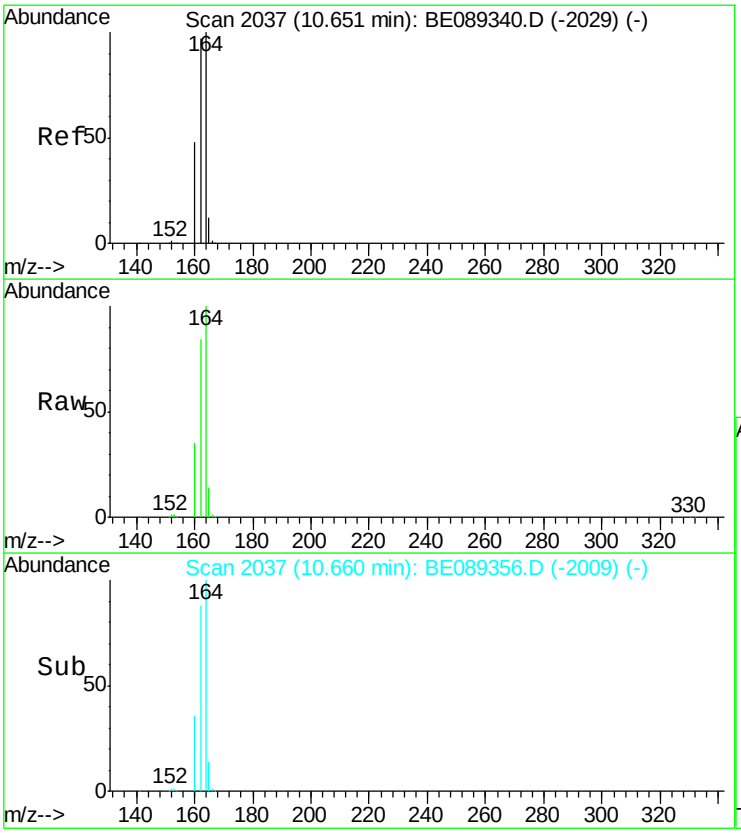
#5
2-Methylnaphthalene
Concen: 6.82 ng
RT: 9.39 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:142 Resp: 63885

Ion	Ratio	Lower	Upper
142	100		
141	79.3	66.3	99.5
115	29.9	25.2	37.8

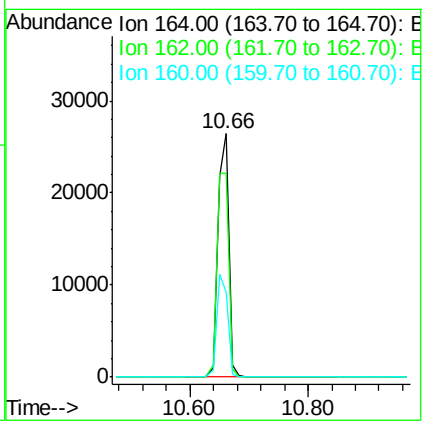


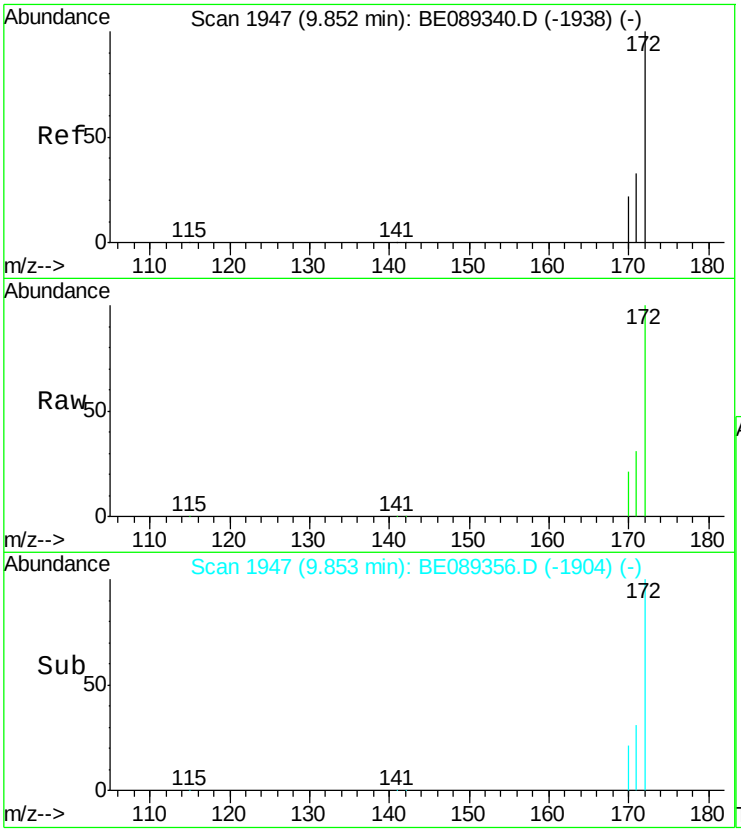


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.66 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Tgt Ion:164 Resp: 33335

Ion	Ratio	Lower	Upper
164	100		
162	84.0	77.4	116.2
160	34.7	38.2	57.4#



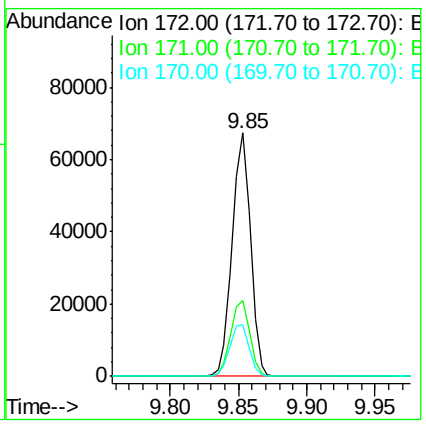


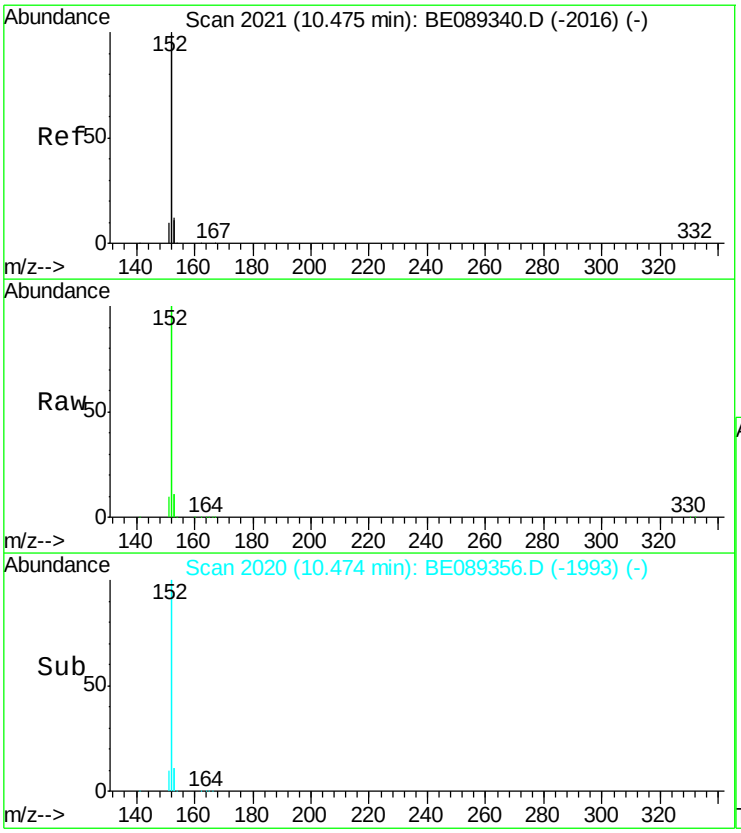
#7
2-Fluorobiphenyl
Concen: 6.83 ng
RT: 9.85 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:172 Resp: 62087

Ion	Ratio	Lower	Upper
172	100		
171	31.5	26.4	39.6
170	21.0	18.0	27.0

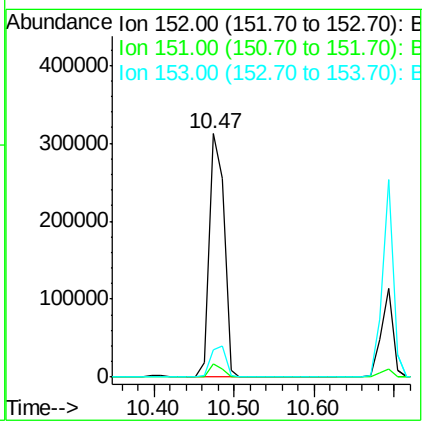


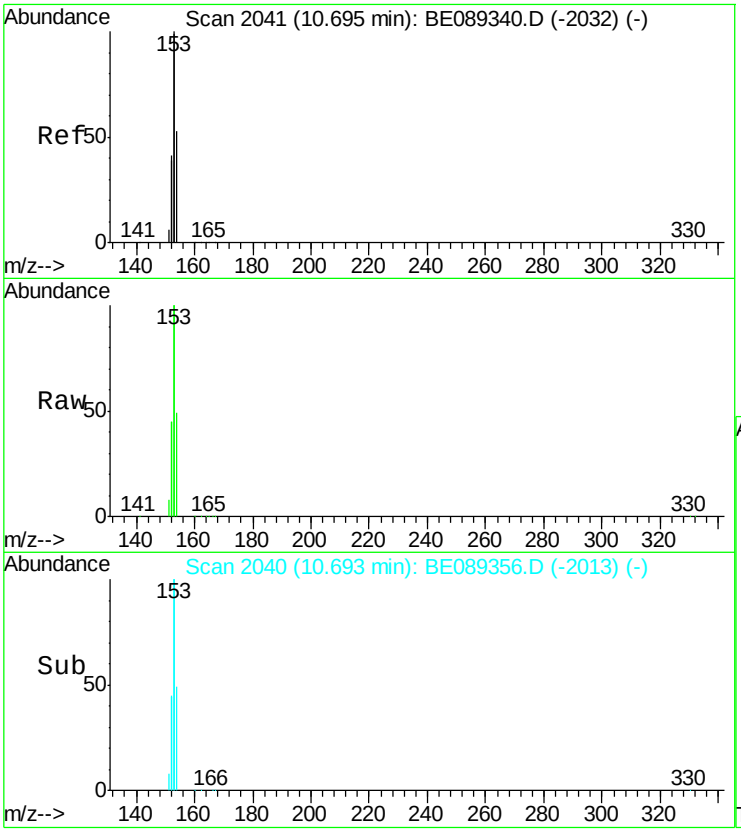


#8
Acenaphthylene
Concen: 6.88 ng
RT: 10.47 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Tgt Ion:152 Resp: 392202

Ion	Ratio	Lower	Upper
152	100		
151	5.2	4.1	6.1
153	11.4	9.8	14.6



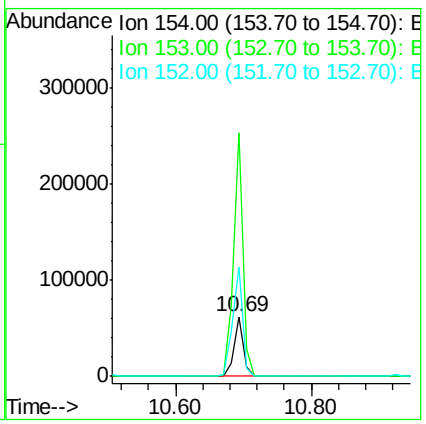


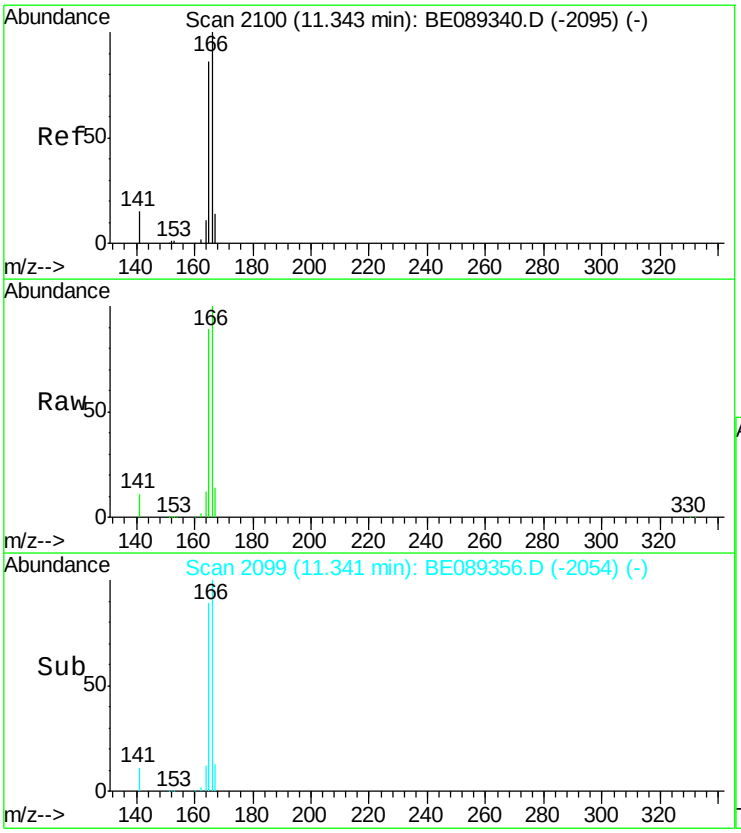
#9
Acenaphthene
Concen: 6.41 ng
RT: 10.69 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:154 Resp: 56965

Ion	Ratio	Lower	Upper
154	100		
153	408.9	300.6	450.8
152	183.5	123.3	184.9

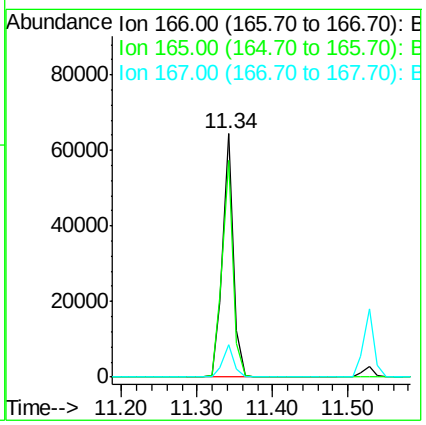


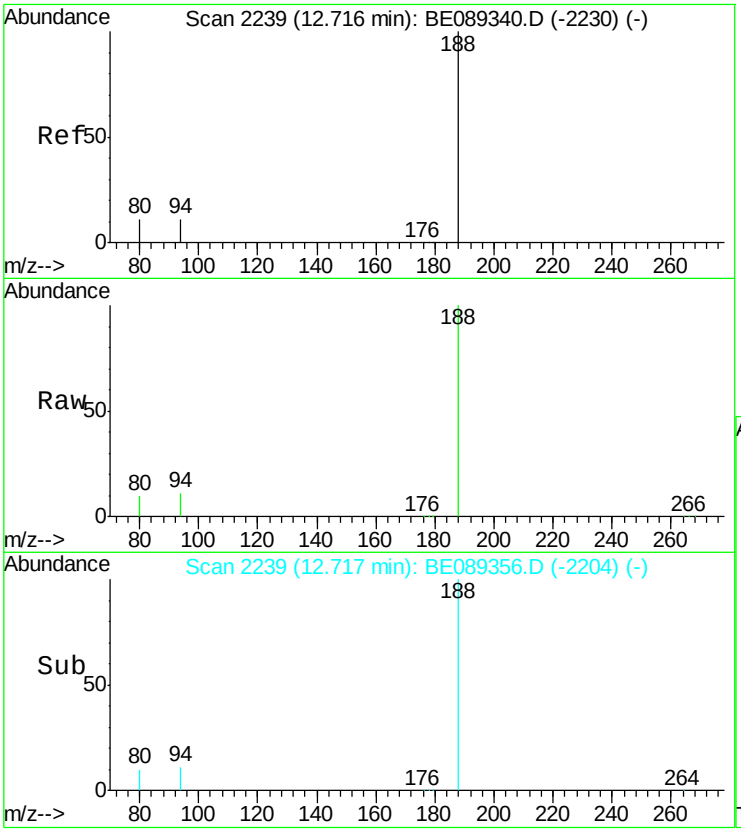


#10
Fluorene
Concen: 6.74 ng
RT: 11.34 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Tgt Ion:166 Resp: 64182

Ion	Ratio	Lower	Upper
166	100		
165	90.6	72.1	108.1
167	13.6	11.0	16.4



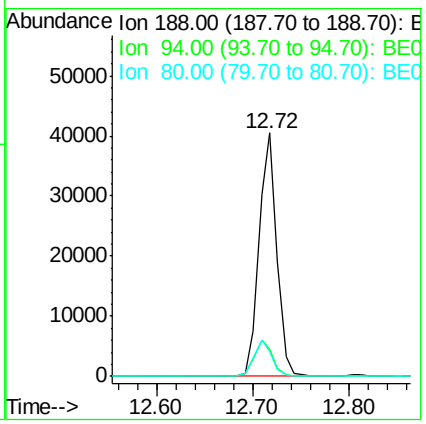


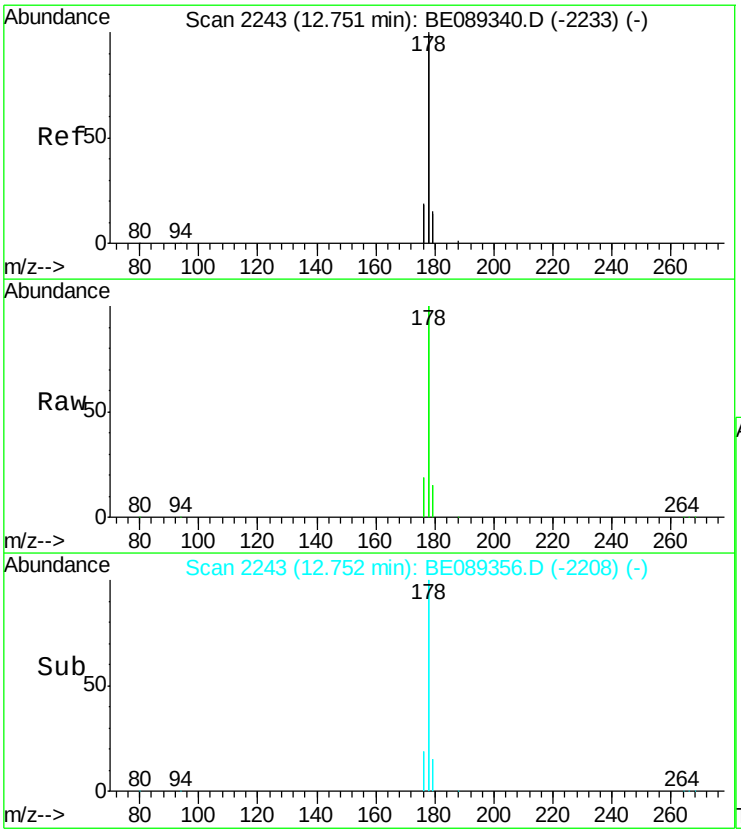
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.72 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:188 Resp: 52679

Ion	Ratio	Lower	Upper
188	100		
94	11.2	11.0	12.2
80	10.1	10.1	11.1

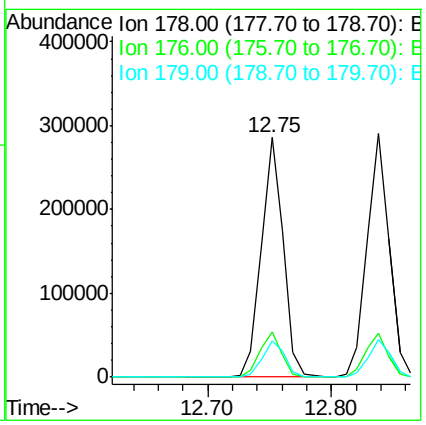


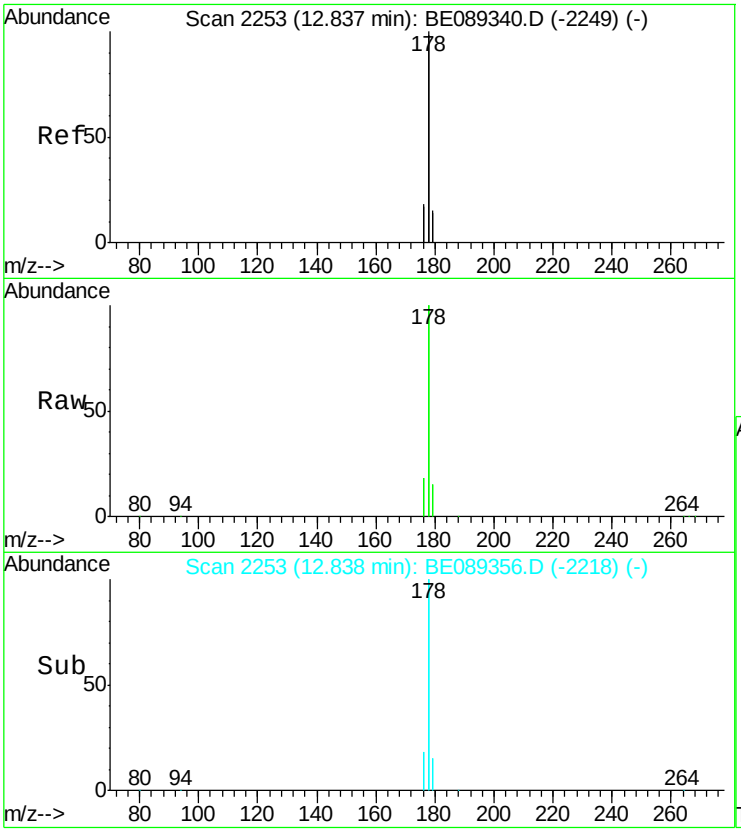


#12
Phenanthrene
Concen: 6.51 ng
RT: 12.75 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Tgt Ion:178 Resp: 358096

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.1	12.2	18.2



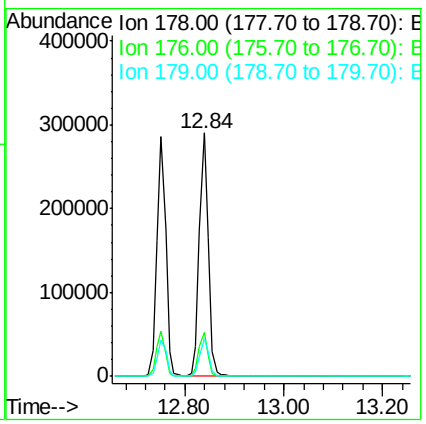


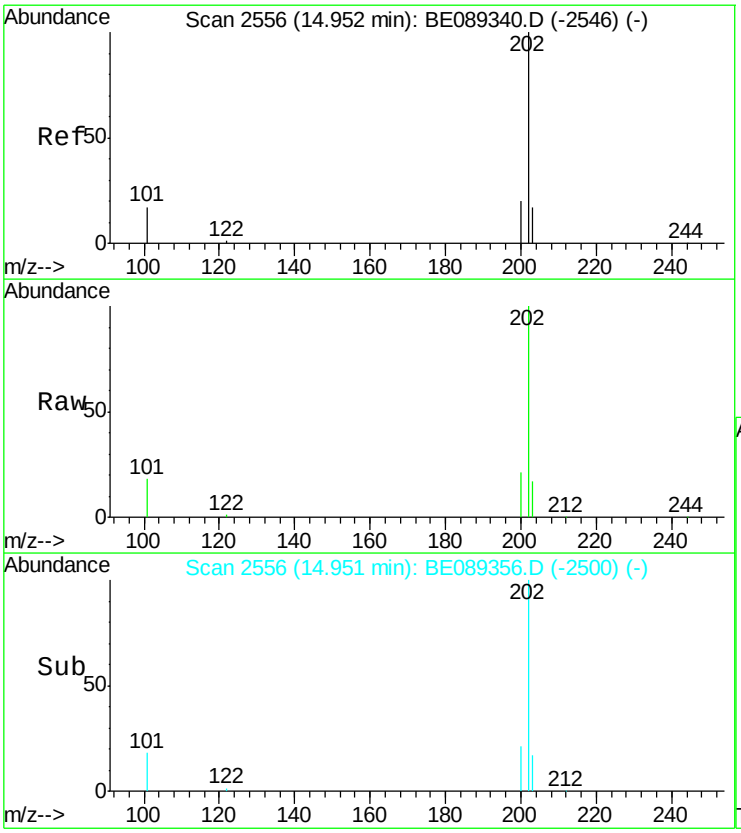
#13
Anthracene
Concen: 6.94 ng
RT: 12.84 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:178 Resp: 368065

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.7	22.1
179	15.2	12.0	18.0

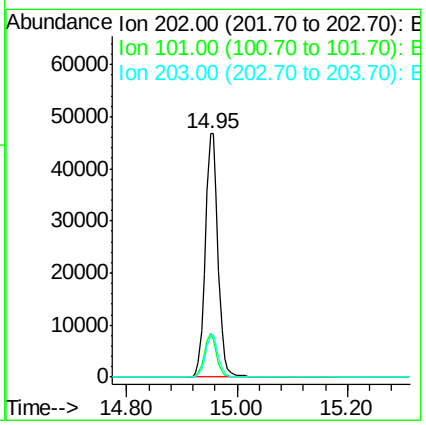


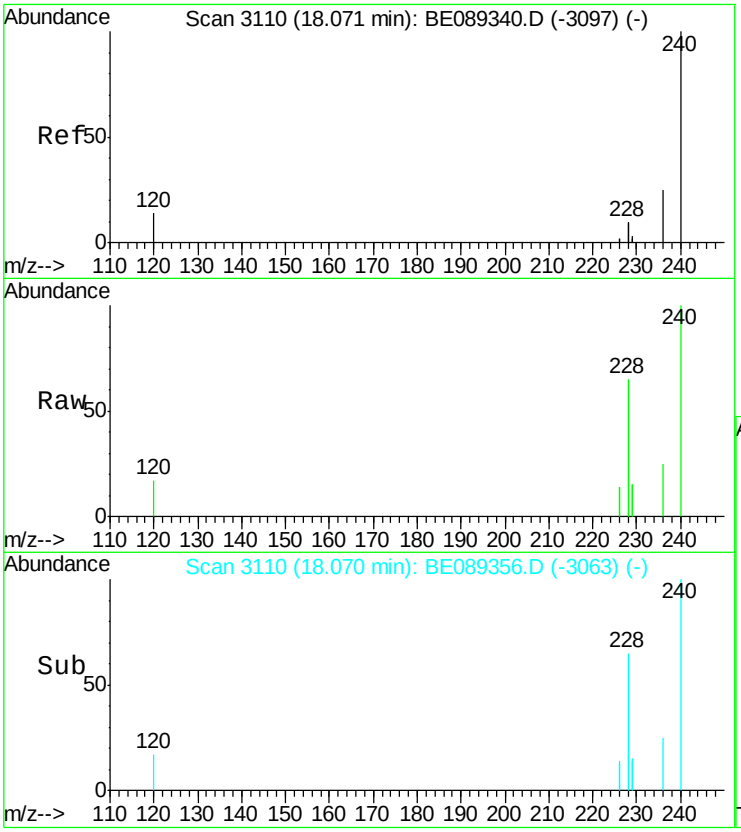


#14
Fluoranthene
Concen: 6.12 ng
RT: 14.95 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Tgt Ion:202 Resp: 74352

Ion	Ratio	Lower	Upper
202	100		
101	17.9	0.0	37.9
203	17.1	0.0	37.5



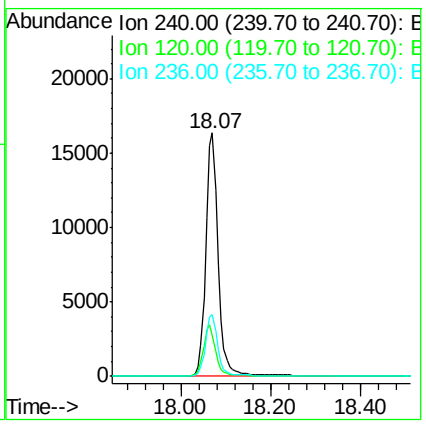


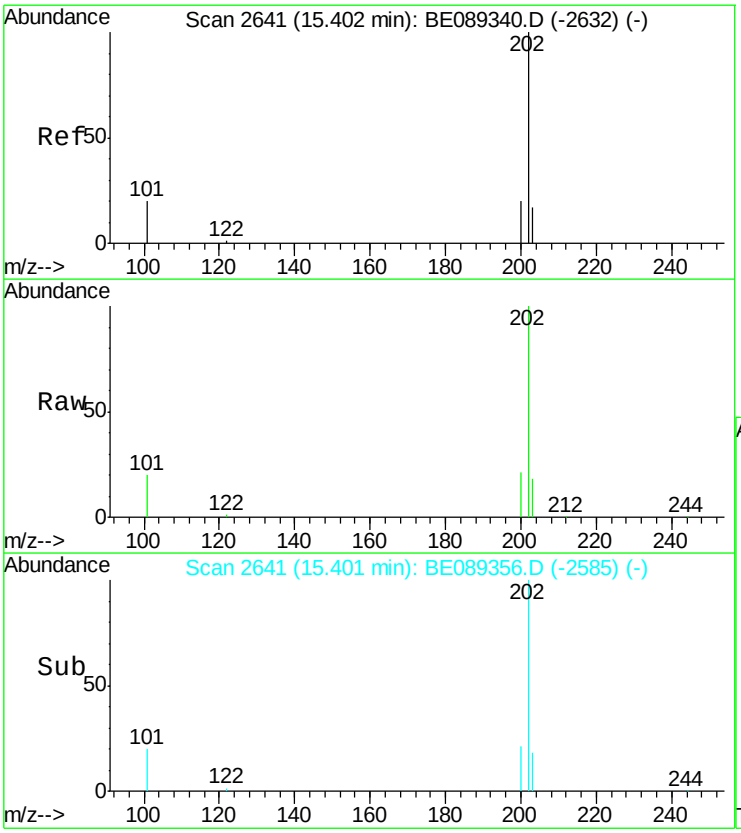
#15
Chrysene-d12
Concen: 5.00 ng
RT: 18.07 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:240 Resp: 30565

Ion	Ratio	Lower	Upper
240	100		
120	16.8	11.8	17.6
236	25.4	20.0	30.0

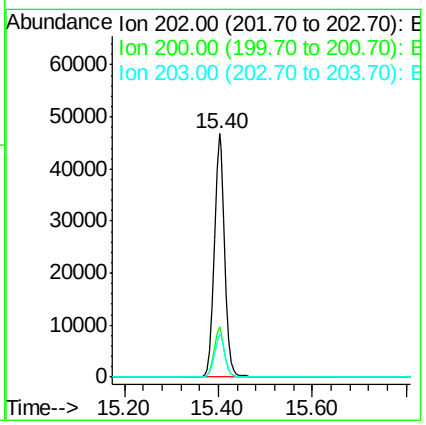


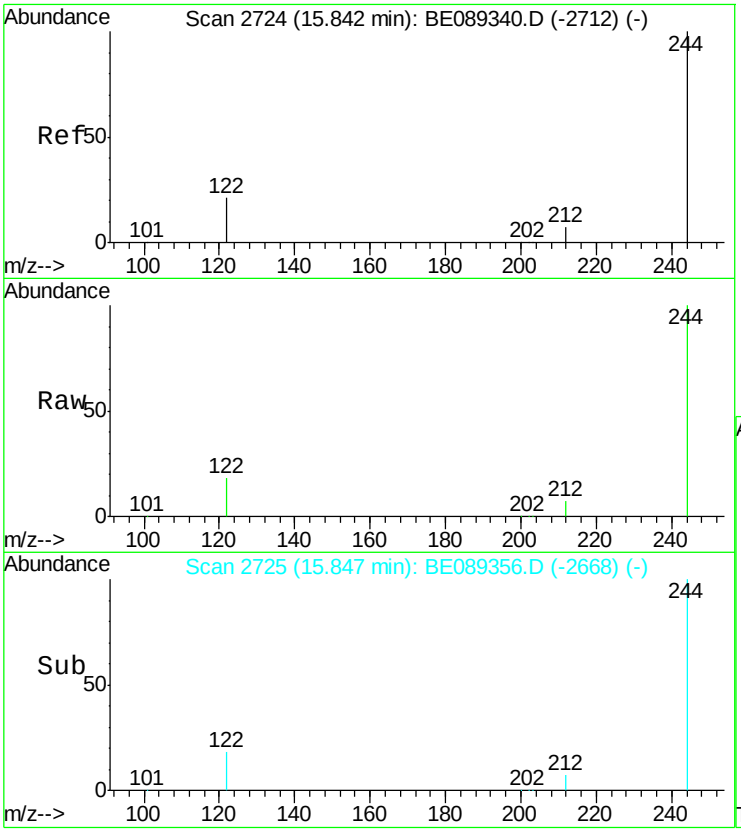


#16
Pyrene
Concen: 7.51 ng
RT: 15.40 min Scan# 2641
Delta R.T. -0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Tgt Ion:202 Resp: 75318

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	17.8	14.0	21.0



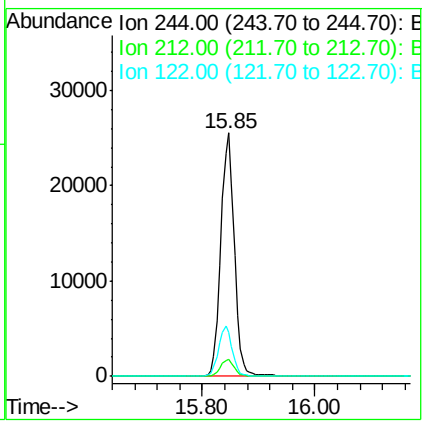


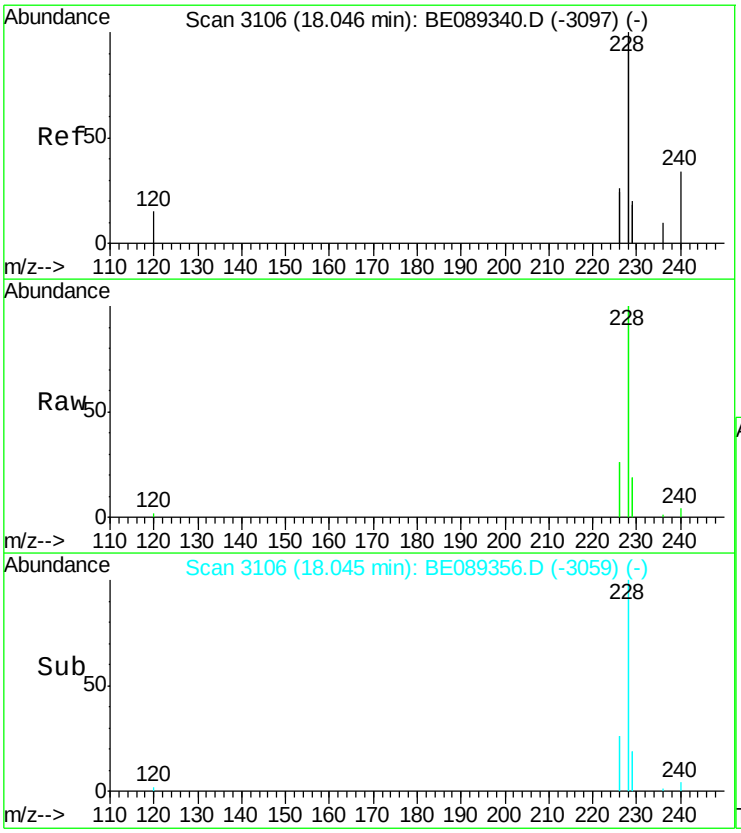
#17
Terphenyl-d14
Concen: 7.83 ng
RT: 15.85 min Scan# 2725
Delta R.T. 0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:244 Resp: 42373

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	18.1	17.7	26.5

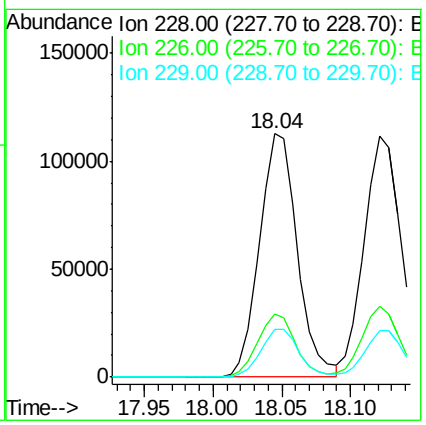


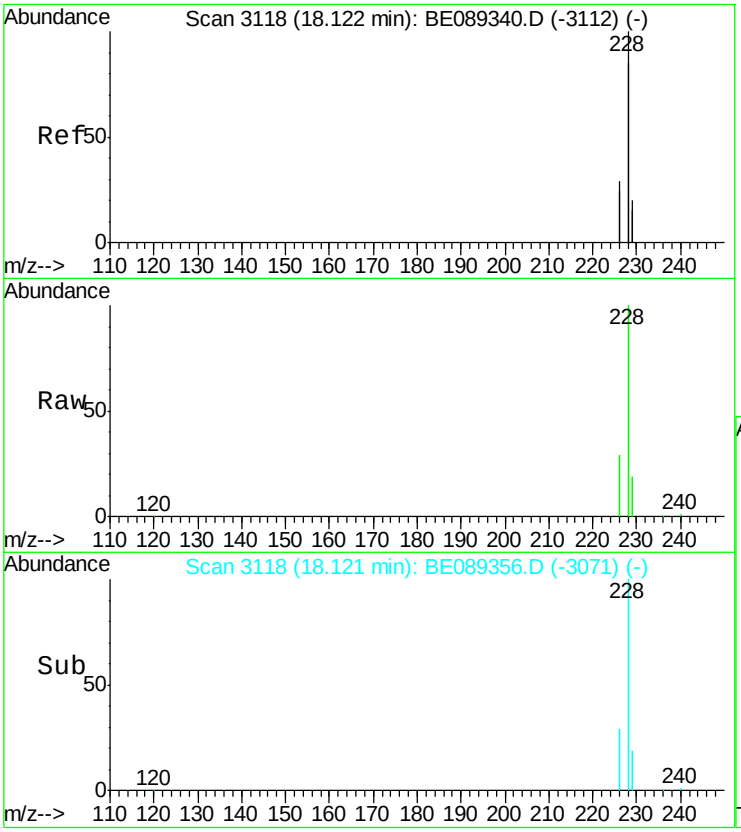


#18
Benzo(a)anthracene
Concen: 6.92 ng
RT: 18.04 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Tgt Ion:228 Resp: 214390

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.0	31.6
229	19.4	16.0	24.0



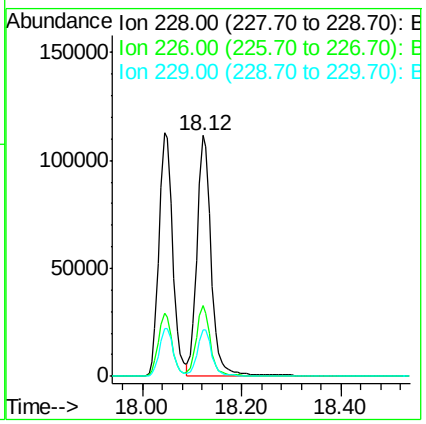


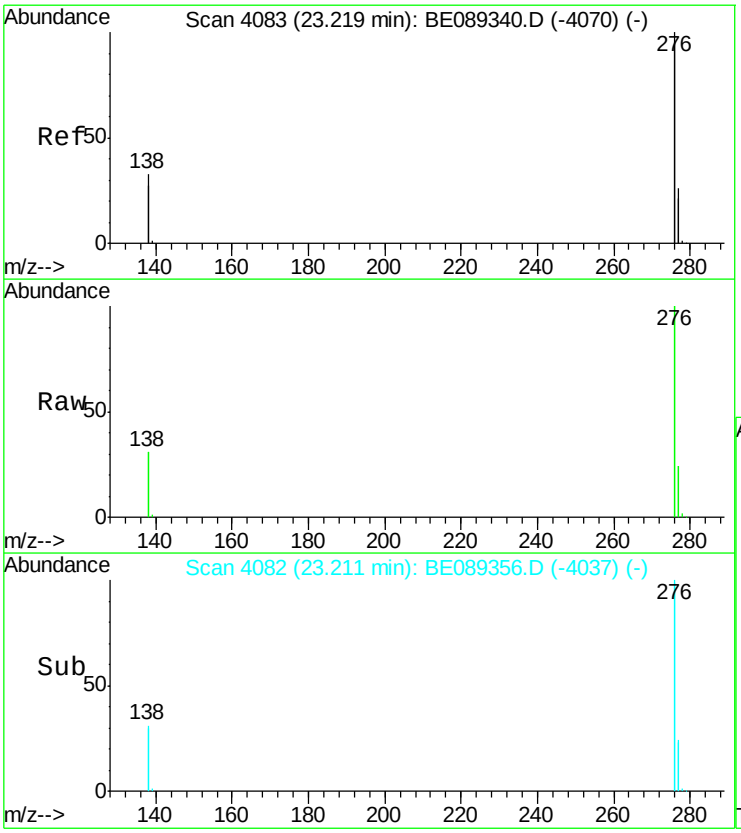
#19
Chrysene
Concen: 7.01 ng
RT: 18.12 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:228 Resp: 217959

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.5	35.3
229	19.3	16.1	24.1

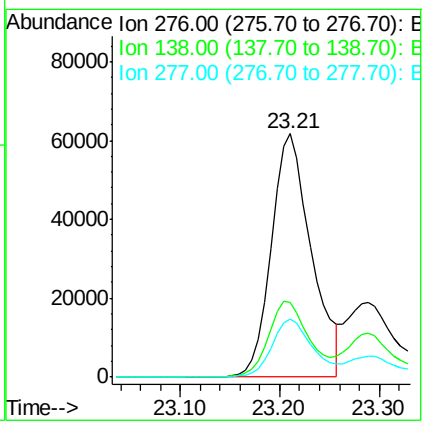


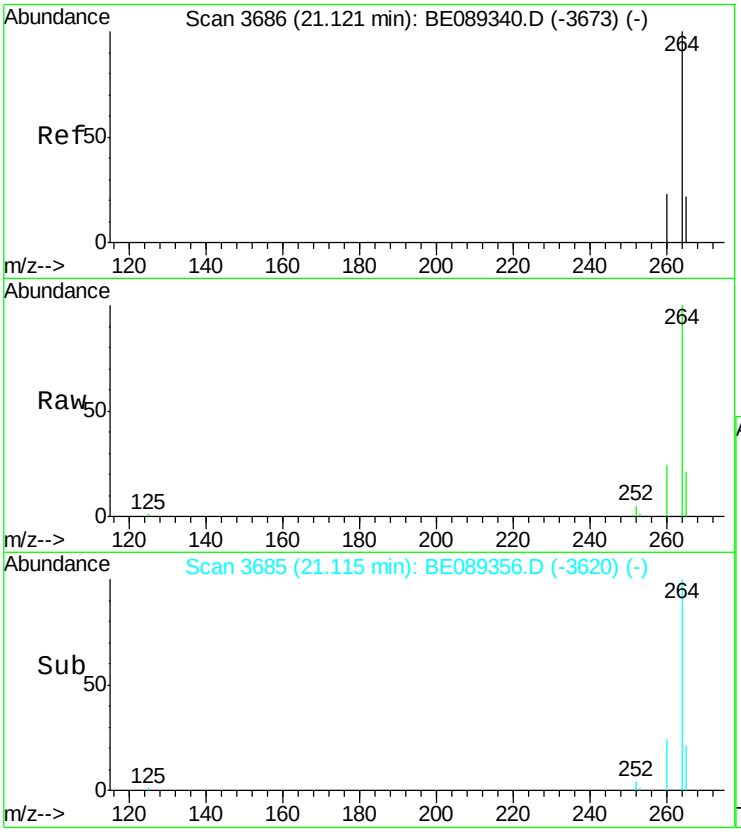


#20
Indeno(1,2,3-cd)pyrene
Concen: 5.73 ng
RT: 23.21 min Scan# 4082
Delta R.T. -0.01 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Tgt Ion:276 Resp: 170709

Ion	Ratio	Lower	Upper
276	100		
138	31.0	23.8	35.8
277	23.7	18.2	27.4



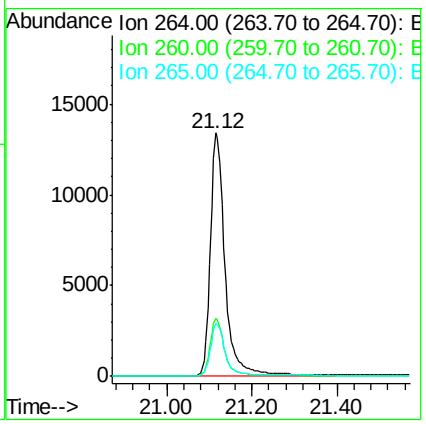


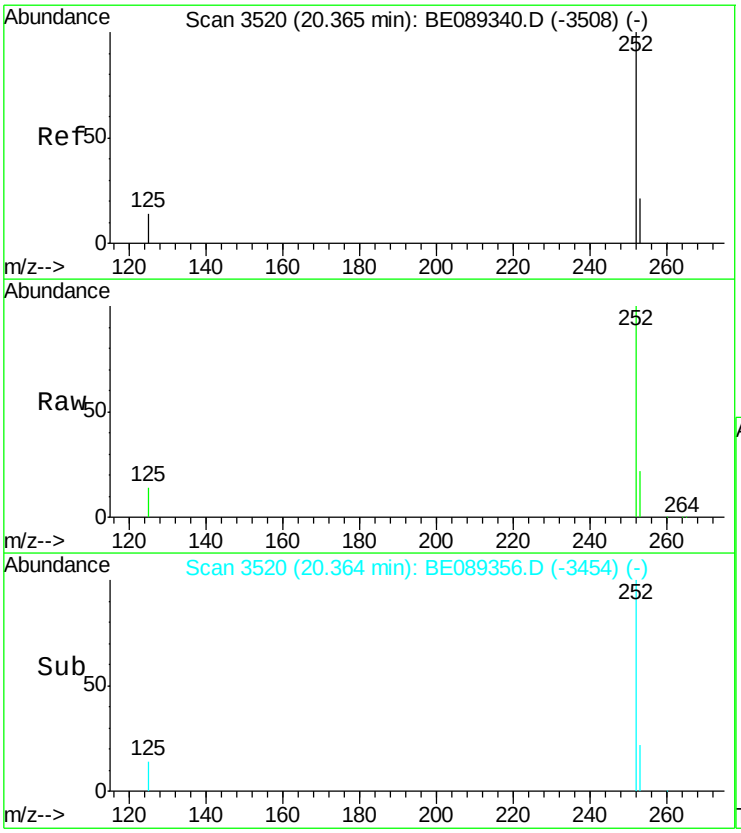
#21
Perylene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:264 Resp: 30935

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.5	17.4	26.2

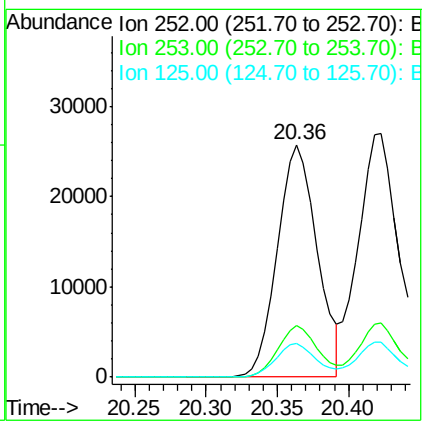


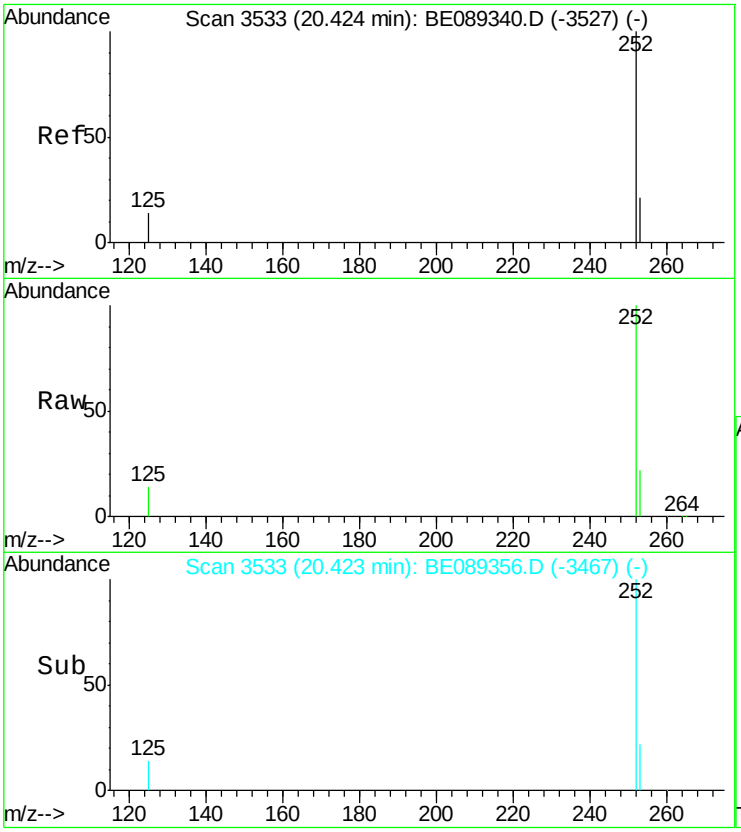


#22
Benzo(b)fluoranthene
Concen: 7.31 ng
RT: 20.36 min Scan# 3520
Delta R.T. -0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Tgt Ion:252 Resp: 49356

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	14.4	12.6	18.8



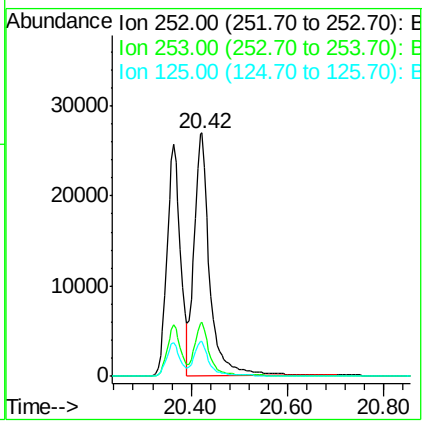


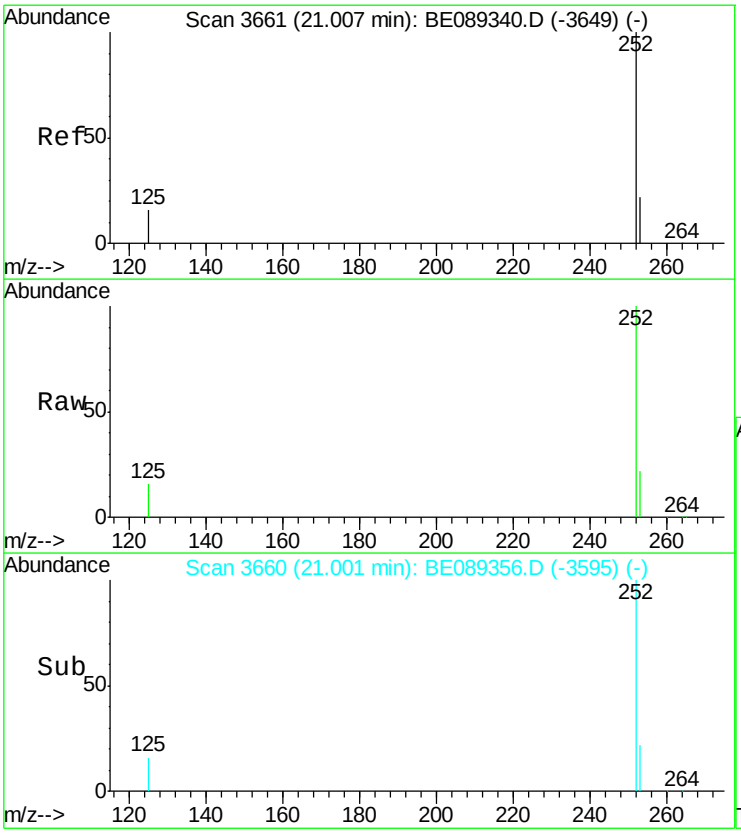
#23
Benzo(k)fluoranthene
Concen: 7.05 ng
RT: 20.42 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:252 Resp: 60023

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	14.2	12.4	18.6

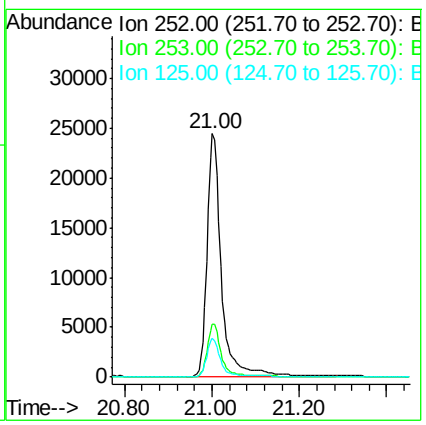


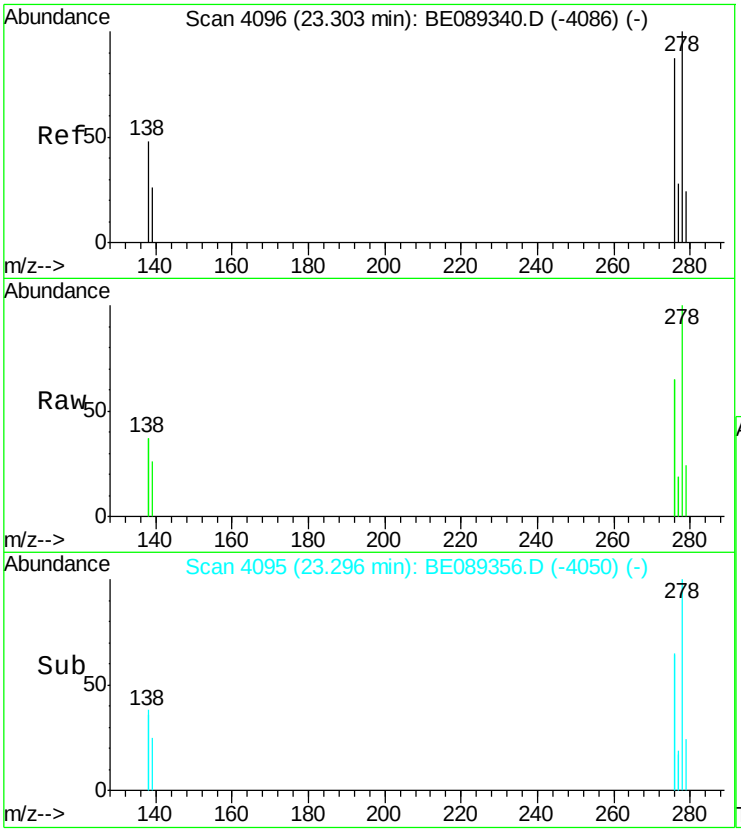


#24
Benzo(a)pyrene
Concen: 8.22 ng
RT: 21.00 min Scan# 3660
Delta R.T. -0.01 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Tgt Ion:252 Resp: 54793

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	15.8	13.8	20.8



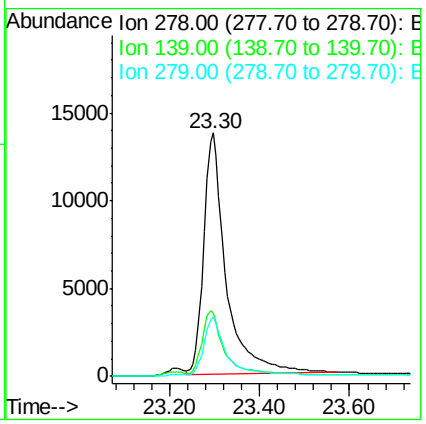


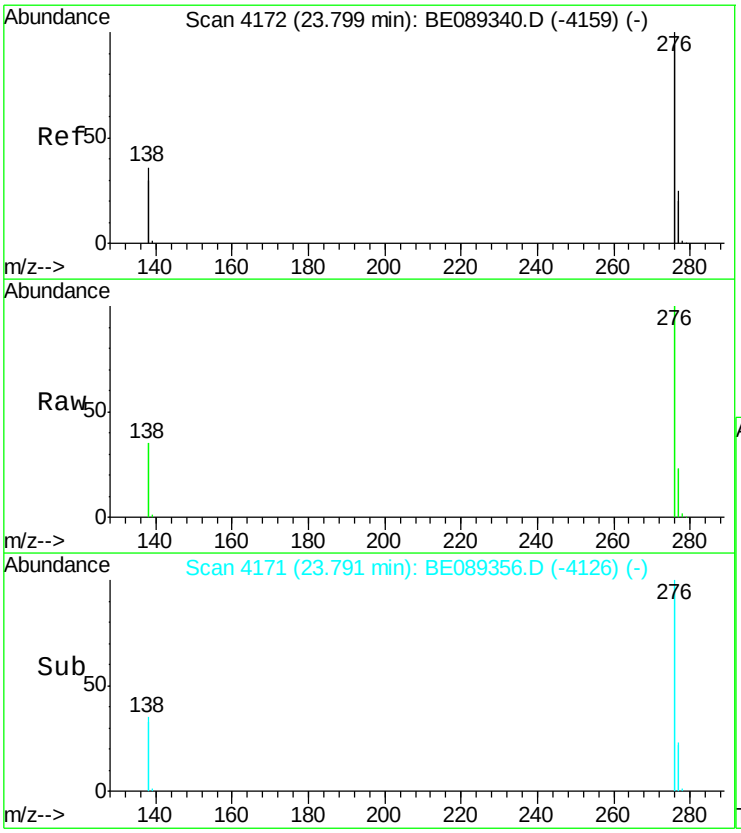
#25
Dibenzo(a,h)anthracene
Concen: 7.80 ng
RT: 23.30 min Scan# 4095
Delta R.T. -0.01 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Instrument :
BNA_E
ClientSampleId :
PB81206BSD

Tgt Ion:278 Resp: 47625

Ion	Ratio	Lower	Upper
278	100		
139	25.7	22.9	34.3
279	24.2	20.8	31.2





#26
Benzo(g,h,i)perylene
Concen: 7.23 ng
RT: 23.79 min Scan# 4171
Delta R.T. -0.01 min
Lab File: BE089356.D
Acq: 8 Jan 2015 9:40

Tgt Ion:276 Resp: 222319

Ion	Ratio	Lower	Upper
276	100		
277	23.5	20.0	30.0
138	34.7	28.5	42.7