Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089526.D
Acq On : 6 Feb 2015 13:49
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC0.5

Quant Time: Feb 07 03:34:16 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE020615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 07 03:25:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.42	152	33675	5.00	ng	0.00
2) Naphthalene-d8	12.33	136	129978	5.00	ng	0.00
6) Acenaphthene-d10	16.51	164	54181	5.00	ng	0.00
11) Phenanthrene-d10	19.85	188	100064	5.00	ng	0.00
16) Chrysene-d12	23.72	240	112587	5.00	ng	0.00
22) Perylene-d12	25.42	264	122592	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.69	82	4103	0.45	ng	0.00
7) 2-Fluorobiphenyl	14.97	172	7037	0.41	ng	0.00
18) Terphenyl-d14	22.36	244	7350	0.37	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	12.38	128	14678	0.46	ng	99
5) 2-Methylnaphthalene	14.04	142	8301	0.41	ng	99
8) Acenaphthylene	16.16	152	43572	0.38	ng	100
9) Acenaphthene	16.59	154	7090	0.40	ng	97
10) Fluorene	17.84	166	7702	0.39	ng	98
12) Pentachlorophenol	19.53	266	167	0.22	ng	94
13) Phenanthrene	19.89	178	12151	0.40	ng	99
14) Anthracene	19.99	178	9827	0.36	ng	100
15) Fluoranthene	21.79	202	11135	0.40	ng	100
17) Pyrene	22.11	202	11743	0.34	ng	99
19) Benzo(a)anthracene	23.71	228	47693	0.39	ng	98
20) Chrysene	23.76	228	50477	0.40	ng	98
21) Indeno(1,2,3-cd)pyrene	26.85	276	65760	0.47	ng	99
23) Benzo(b)fluoranthene	24.98	252	11414	0.42	ng	99
24) Benzo(k)fluoranthene	25.01	252	14912	0.38	ng	98
25) Benzo(a)pyrene	25.35	252	11203	0.39	ng	99
26) Dibenzo(a,h)anthracene	26.89	278	13711	0.43	ng	98
27) Benzo(g,h,i)perylene	27.28	276	56240	0.42	ng	99

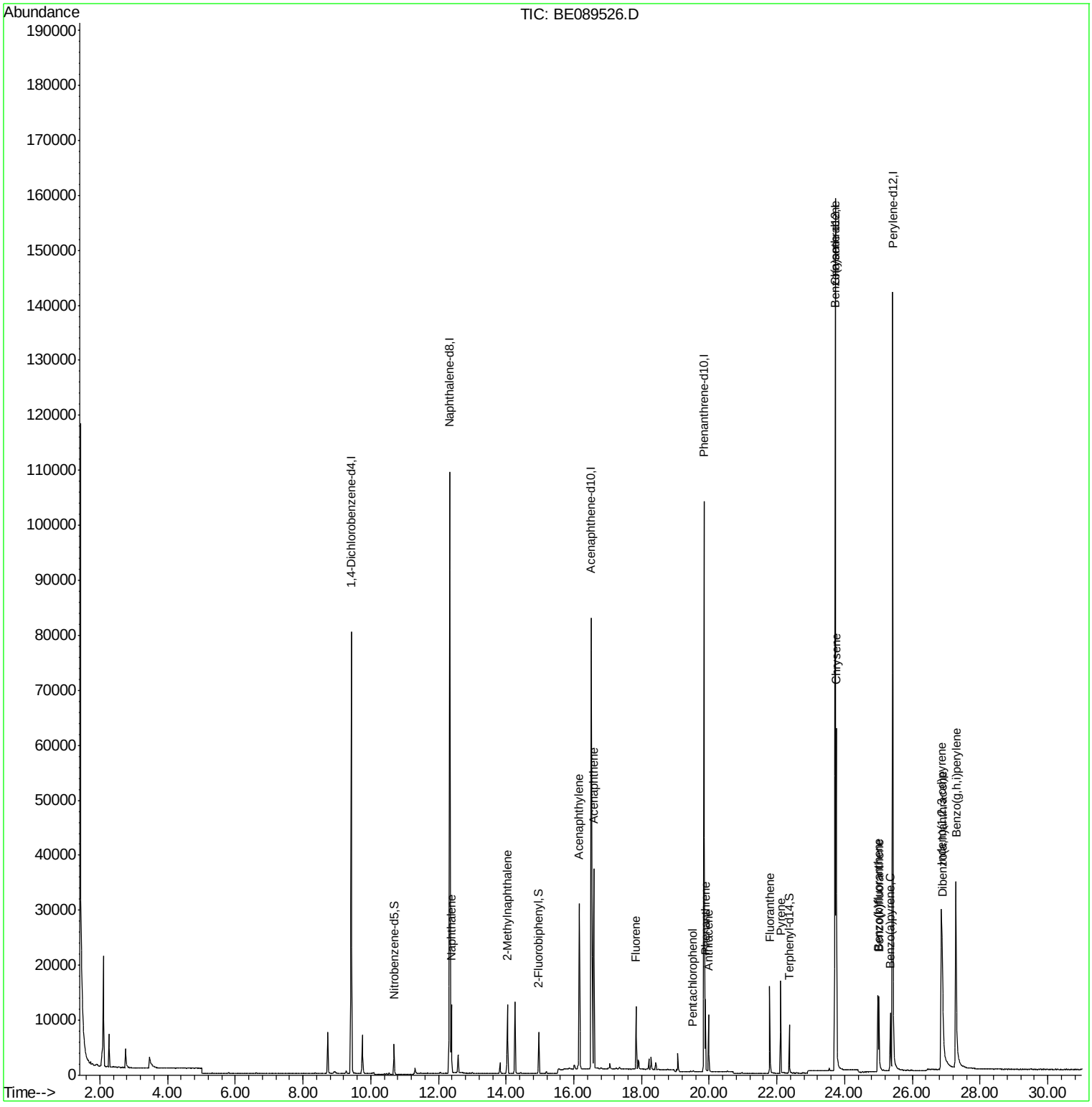
(#) = qualifier out of range (m) = manual integration (+) = signals summed

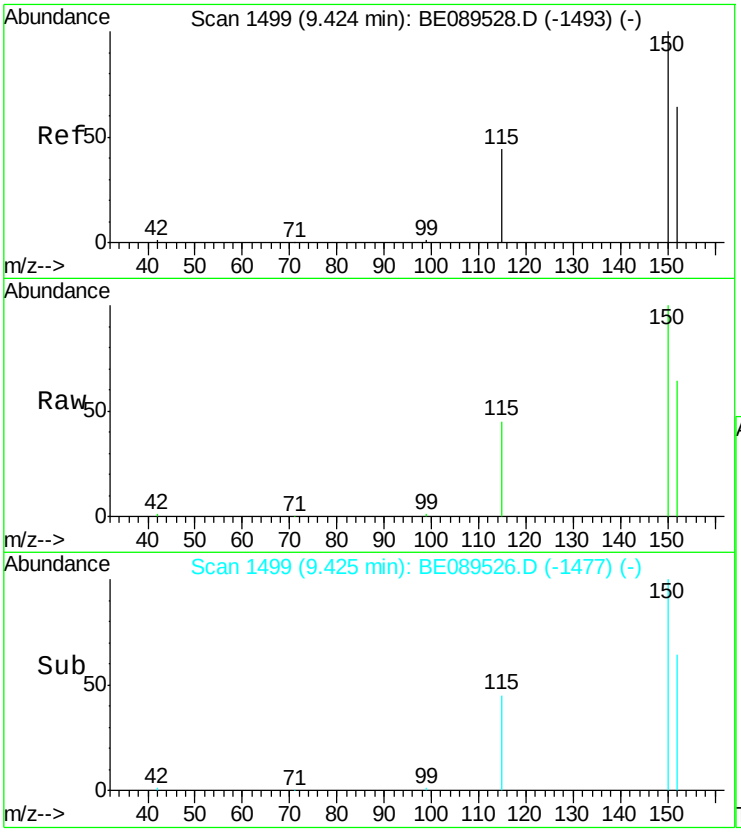
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089526.D
Acq On : 6 Feb 2015 13:49
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Quant Time: Feb 07 03:34:16 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE020615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 07 03:25:41 2015
Response via : Initial Calibration



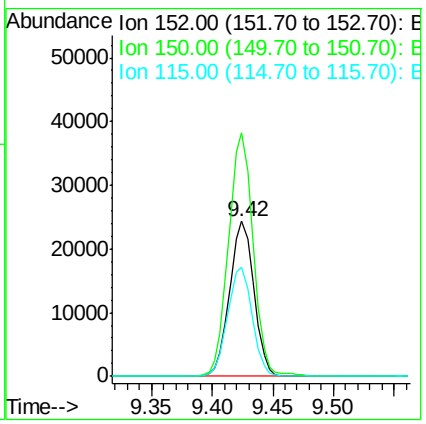


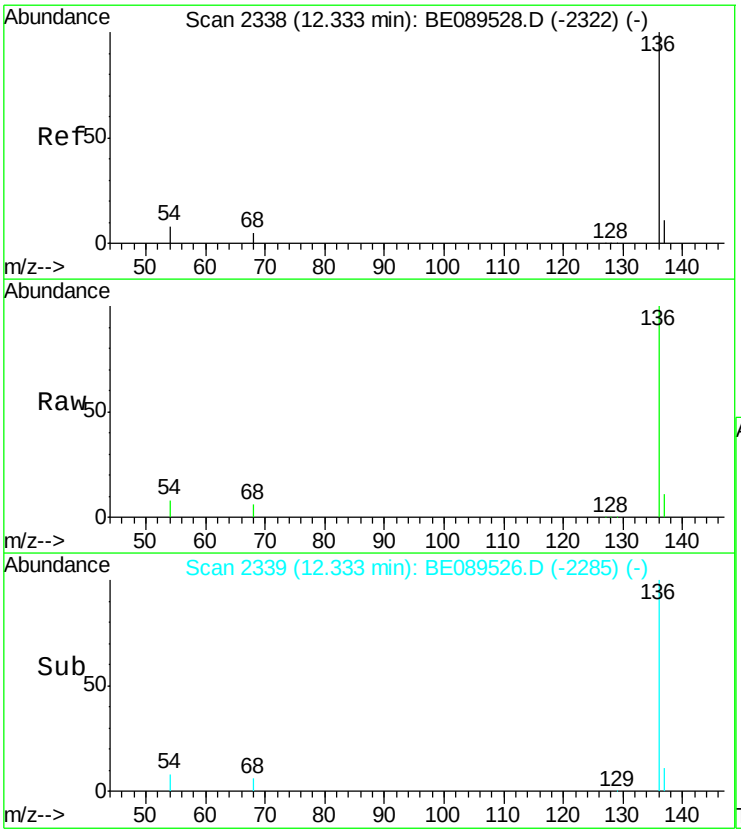
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.42 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 33675

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.7	188.5
115	70.2	55.6	83.4

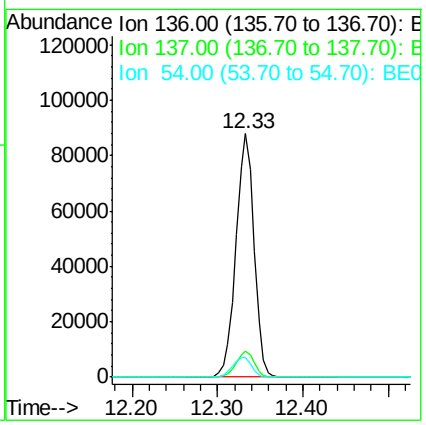


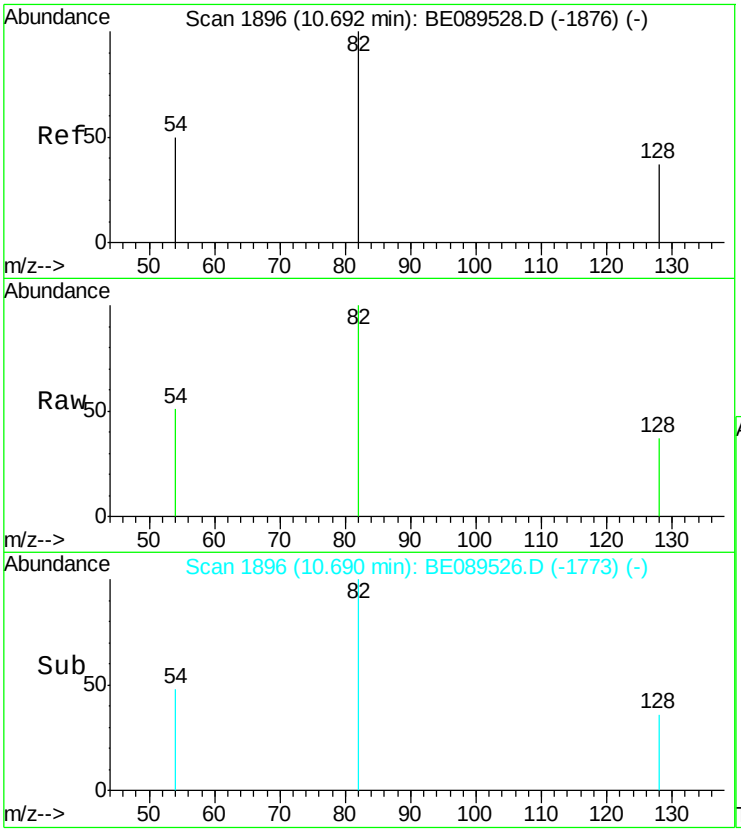


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.33 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Tgt Ion:136 Resp: 129978

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.0	6.1	9.1



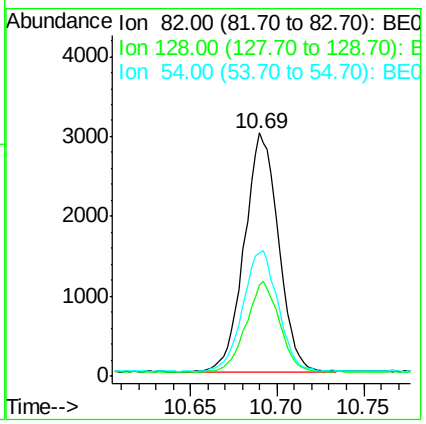


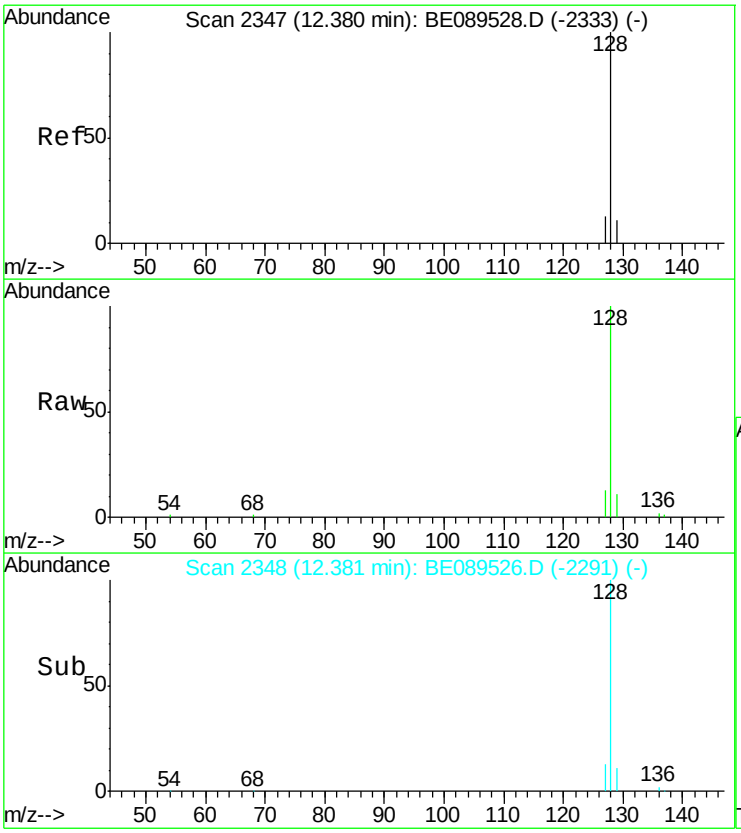
#3
Nitrobenzene-d5
Concen: 0.45 ng
RT: 10.69 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion: 82 Resp: 4103

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.2	45.4
54	50.8	40.6	60.8

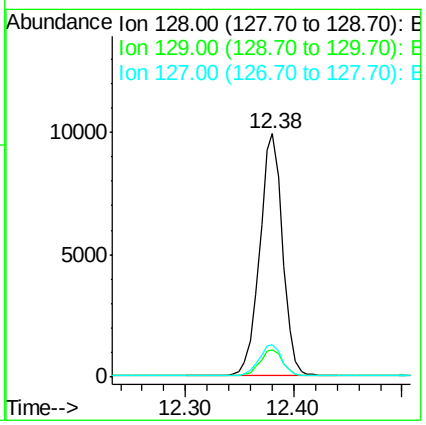


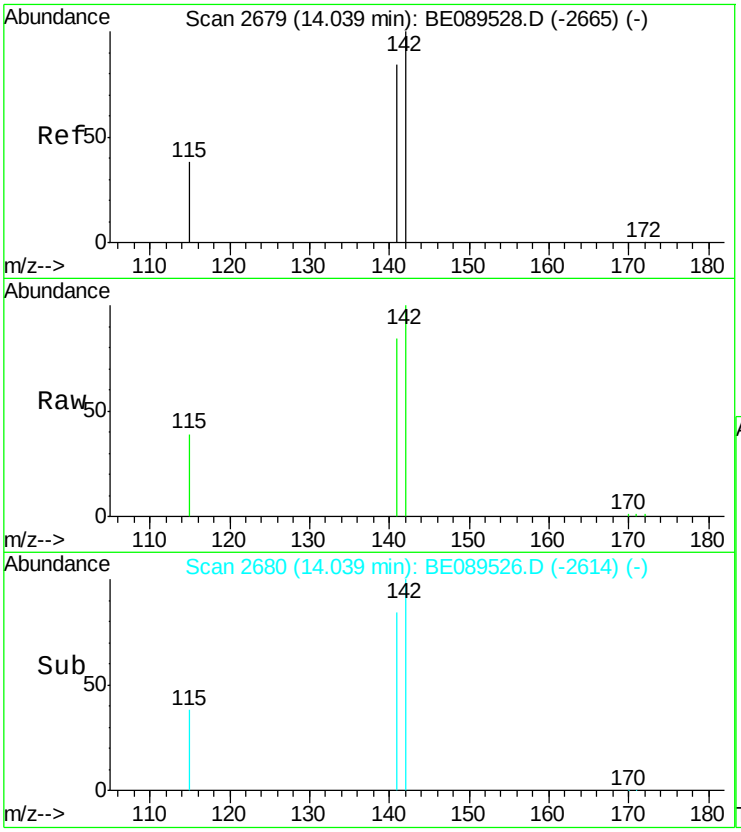


#4
Naphthalene
Concen: 0.46 ng
RT: 12.38 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Tgt Ion:128 Resp: 14678

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.5	10.5	15.7



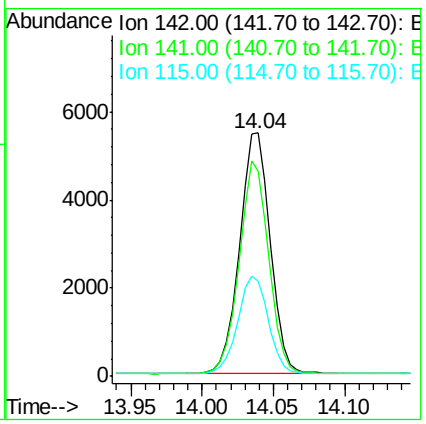


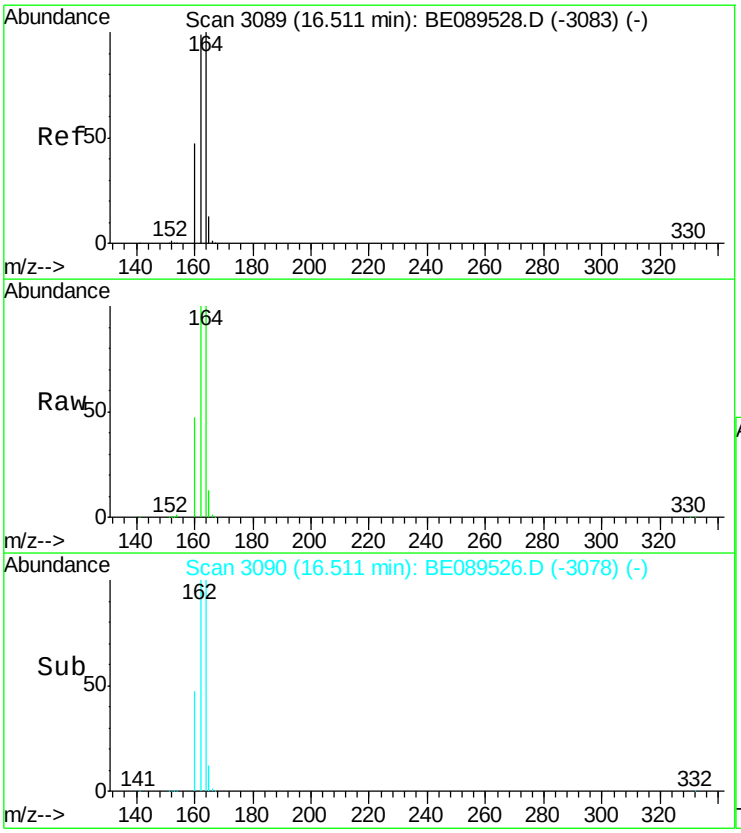
#5
2-Methylnaphthalene
Concen: 0.41 ng
RT: 14.04 min Scan# 2680
Delta R.T. -0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:142 Resp: 8301

Ion	Ratio	Lower	Upper
142	100		
141	84.4	67.0	100.6
115	39.0	30.6	45.8

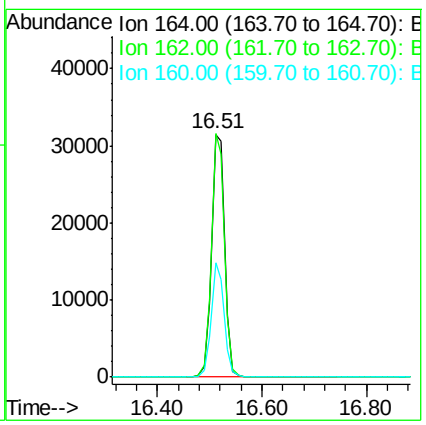


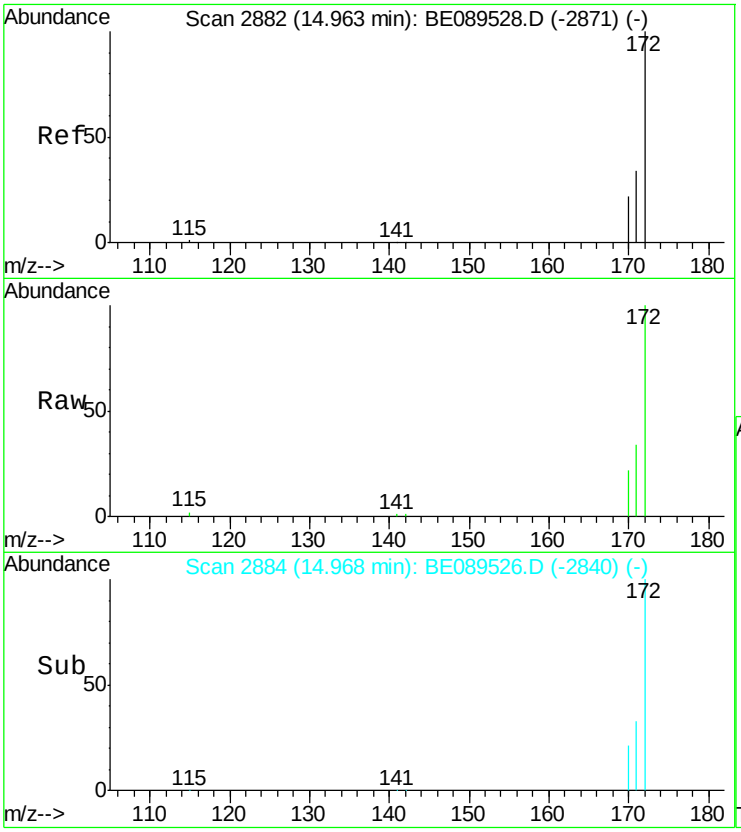


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.51 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Tgt Ion:164 Resp: 54181

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.5	119.3
160	47.1	37.6	56.4



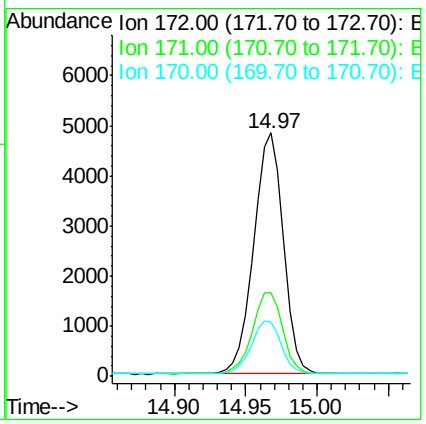


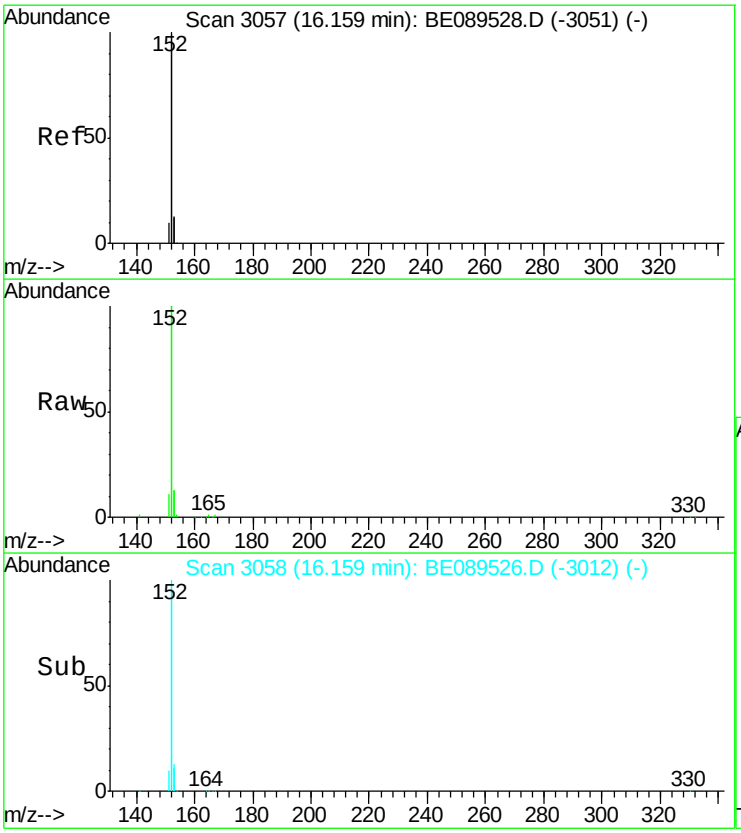
#7
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 14.97 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:172 Resp: 7037

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.7	41.5
170	22.1	18.3	27.5

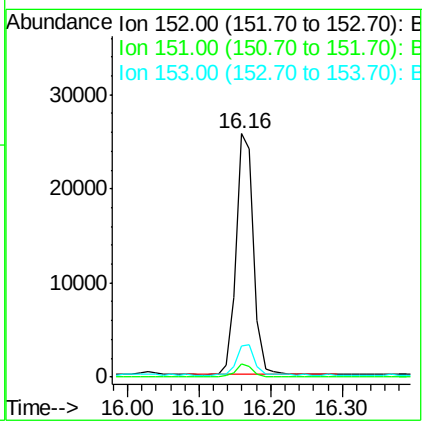


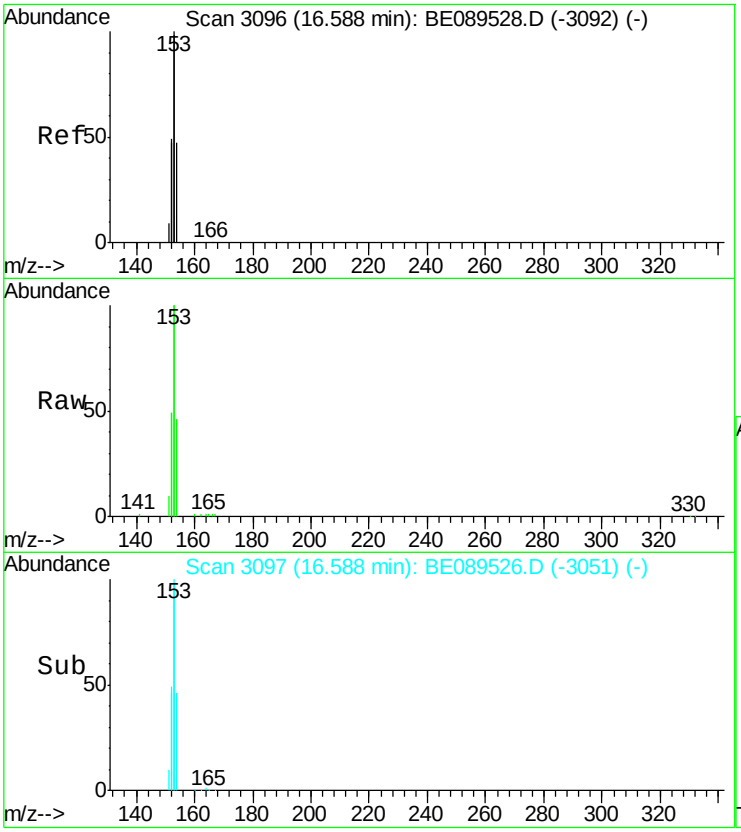


#8
Acenaphthylene
Concen: 0.38 ng
RT: 16.16 min Scan# 3058
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Tgt Ion:152 Resp: 43572

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	13.0	10.6	15.8



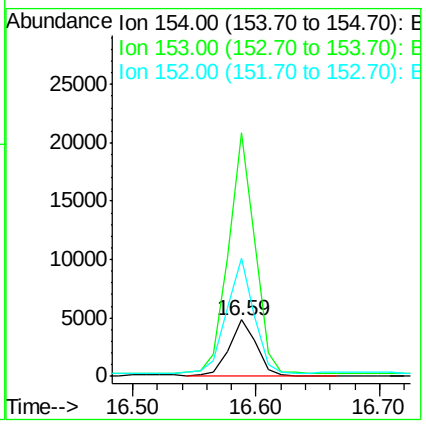


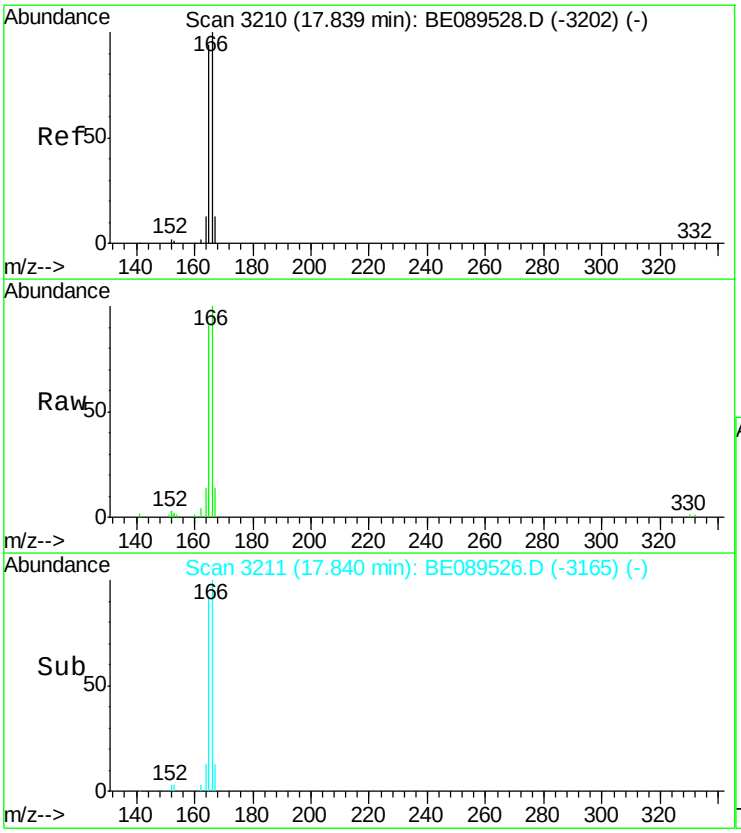
#9
Acenaphthene
Concen: 0.40 ng
RT: 16.59 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:154 Resp: 7090

Ion	Ratio	Lower	Upper
154	100		
153	434.3	340.8	511.2
152	212.3	165.5	248.3

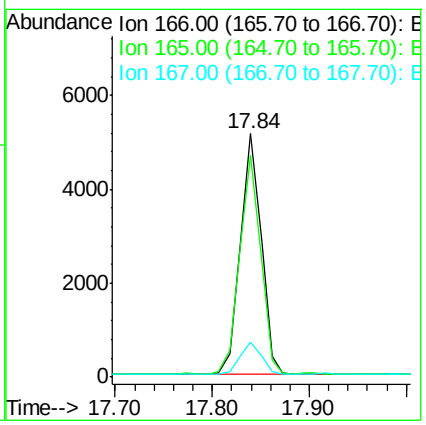


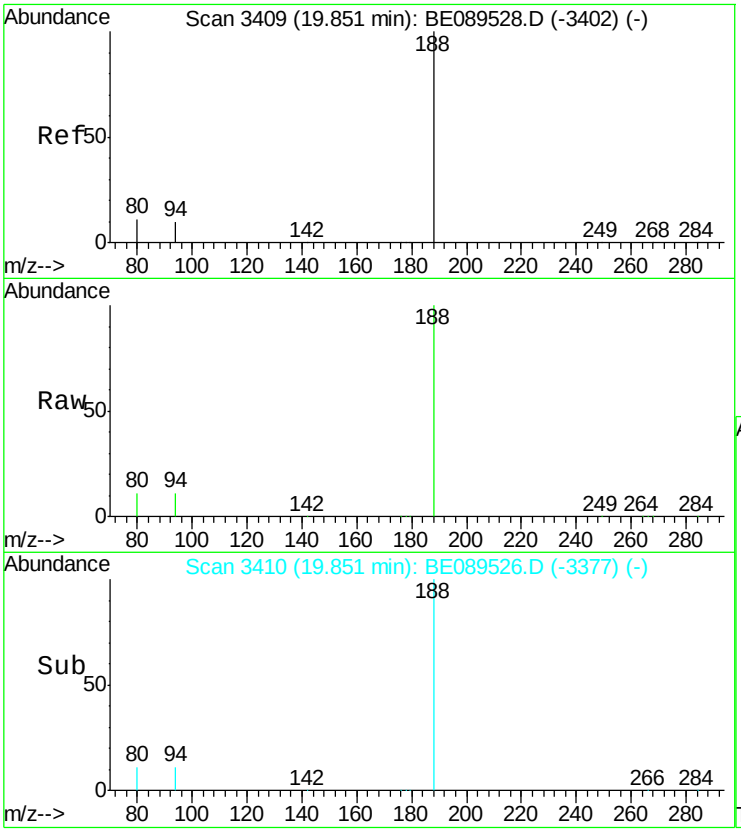


#10
Fluorene
Concen: 0.39 ng
RT: 17.84 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Tgt Ion:166 Resp: 7702

Ion	Ratio	Lower	Upper
166	100		
165	91.9	75.5	113.3
167	13.9	10.9	16.3



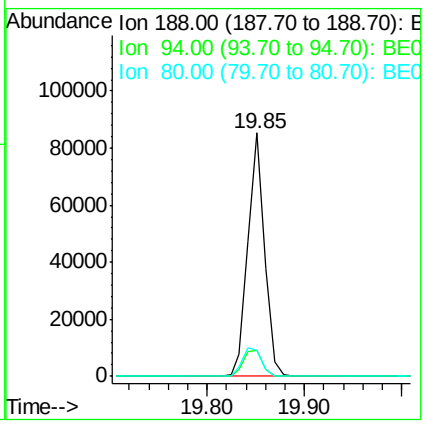


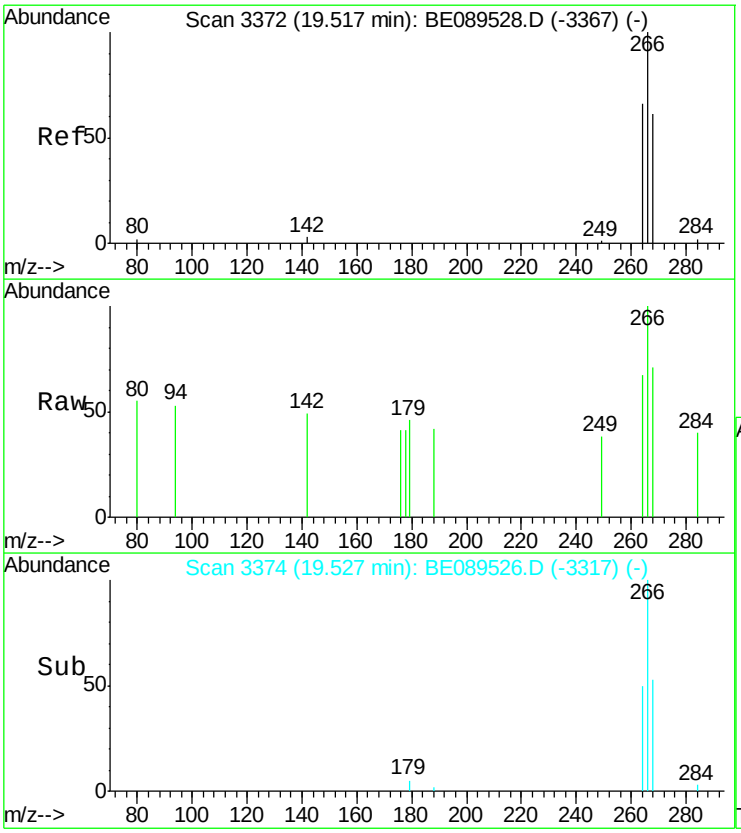
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.85 min Scan# 3410
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:188 Resp: 100064

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.4	12.6
80	10.6	8.6	12.8

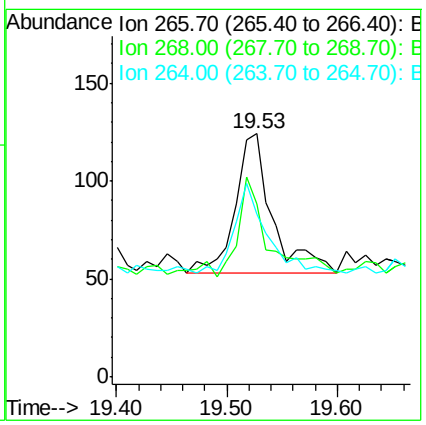


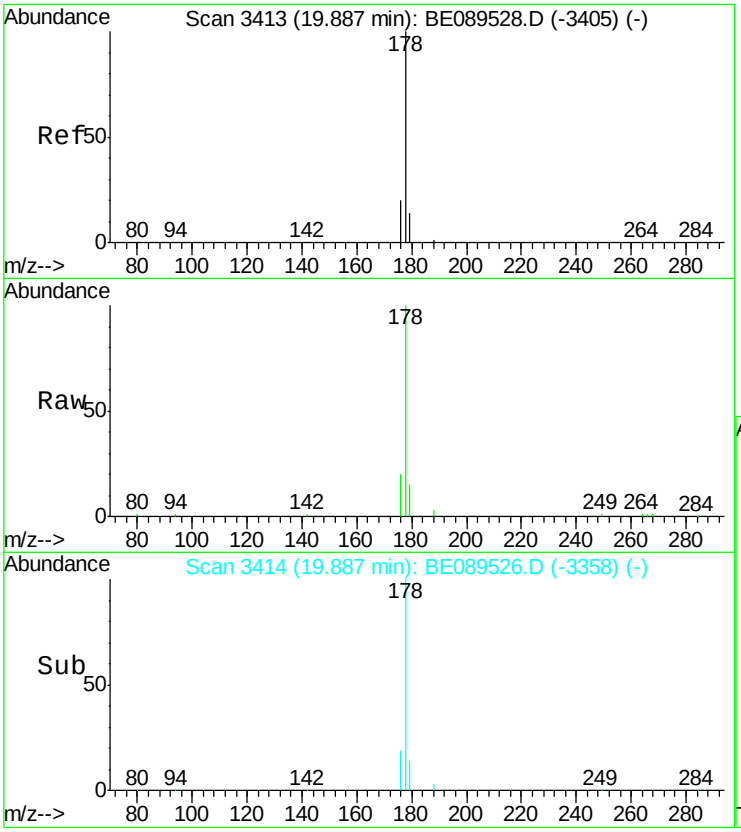


#12
Pentachlorophenol
Concen: 0.22 ng
RT: 19.53 min Scan# 3374
Delta R.T. 0.01 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Tgt Ion:266 Resp: 167

Ion	Ratio	Lower	Upper
266	100		
268	71.0	57.9	86.9
264	66.9	60.2	90.4



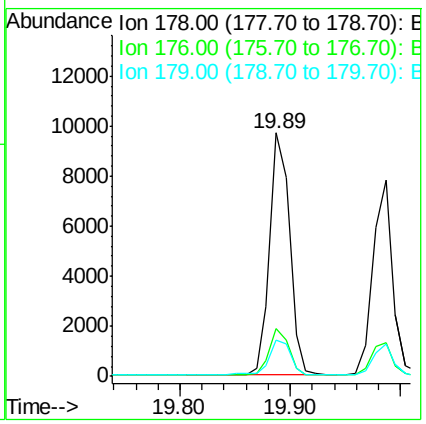


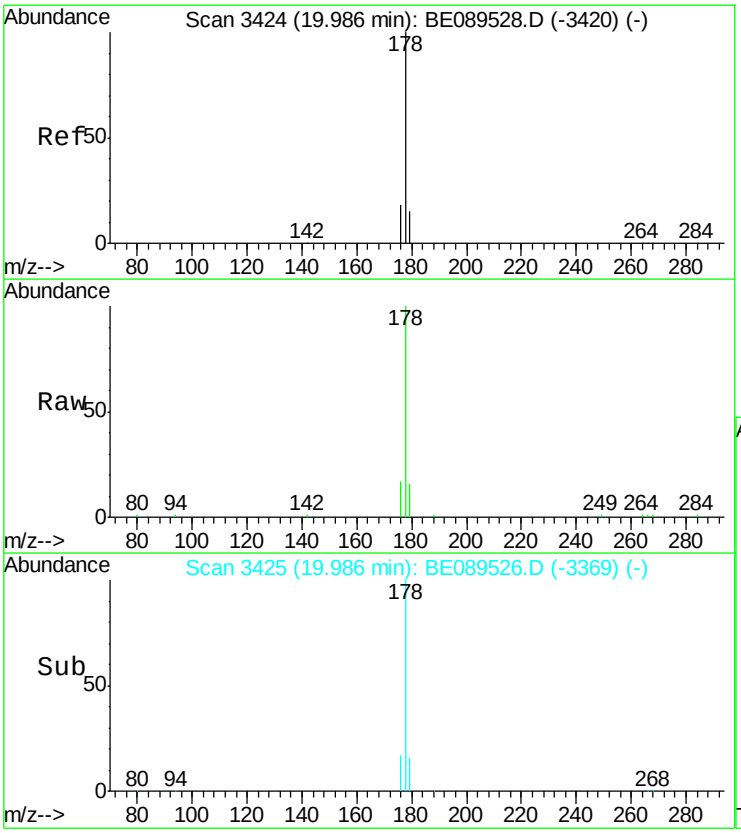
#13
Phenanthrene
Concen: 0.40 ng
RT: 19.89 min Scan# 3414
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:178 Resp: 12151

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.4	12.2	18.2

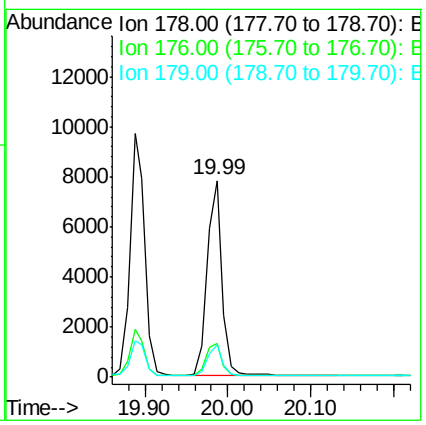


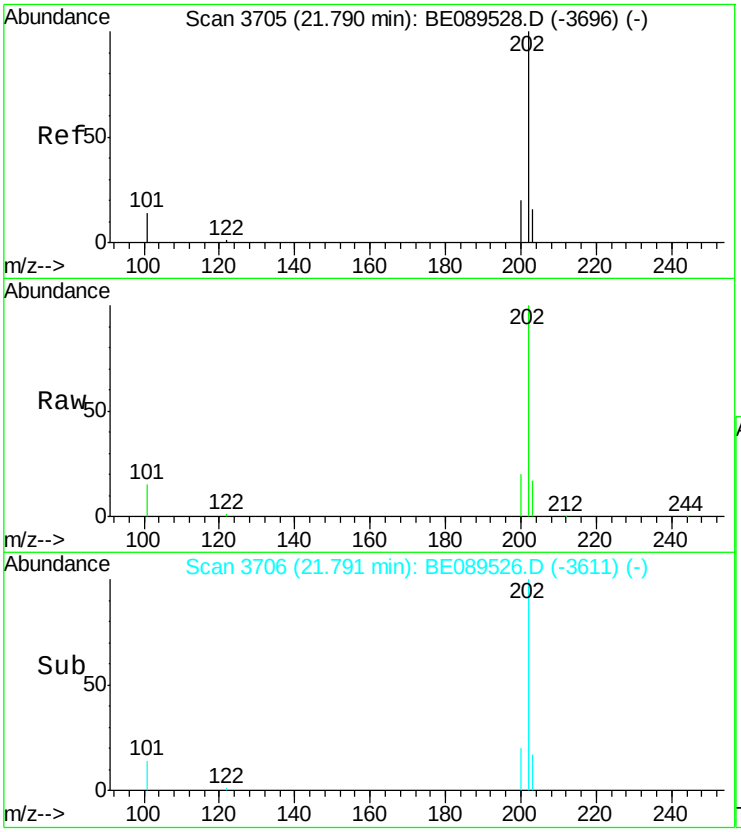


#14
Anthracene
Concen: 0.36 ng
RT: 19.99 min Scan# 3425
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Tgt Ion:178 Resp: 9827

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.5	21.7
179	15.2	12.2	18.2



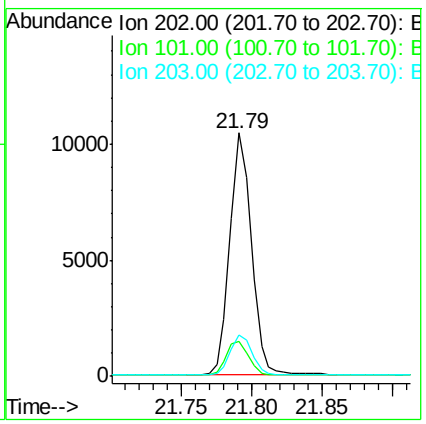


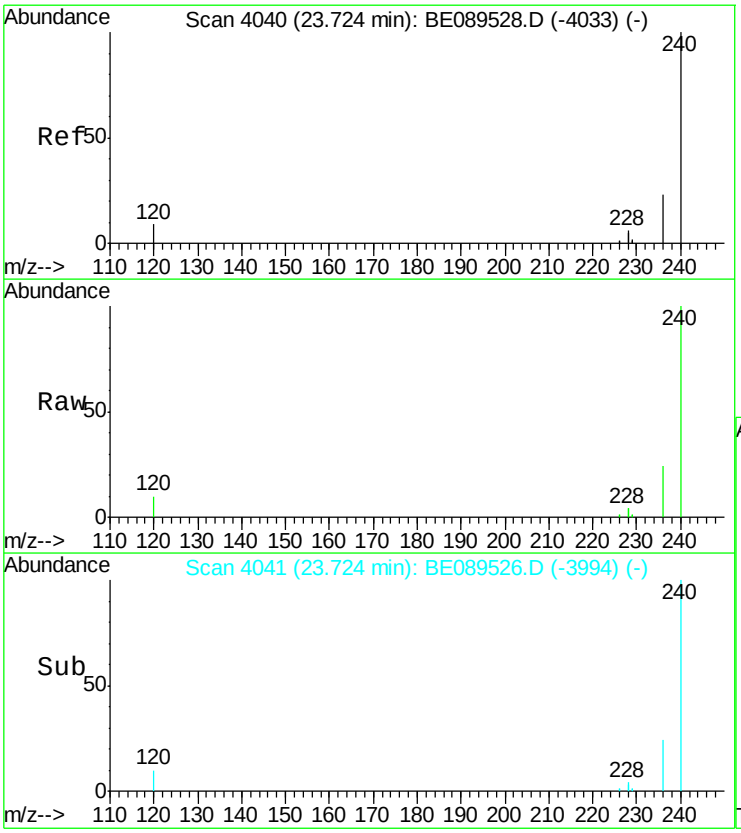
#15
Fluoranthene
Concen: 0.40 ng
RT: 21.79 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:202 Resp: 11135

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.6	17.4
203	17.3	13.6	20.4

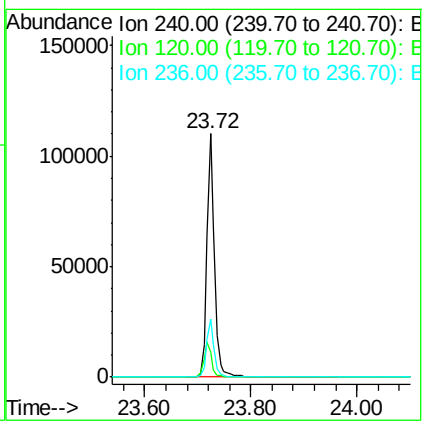


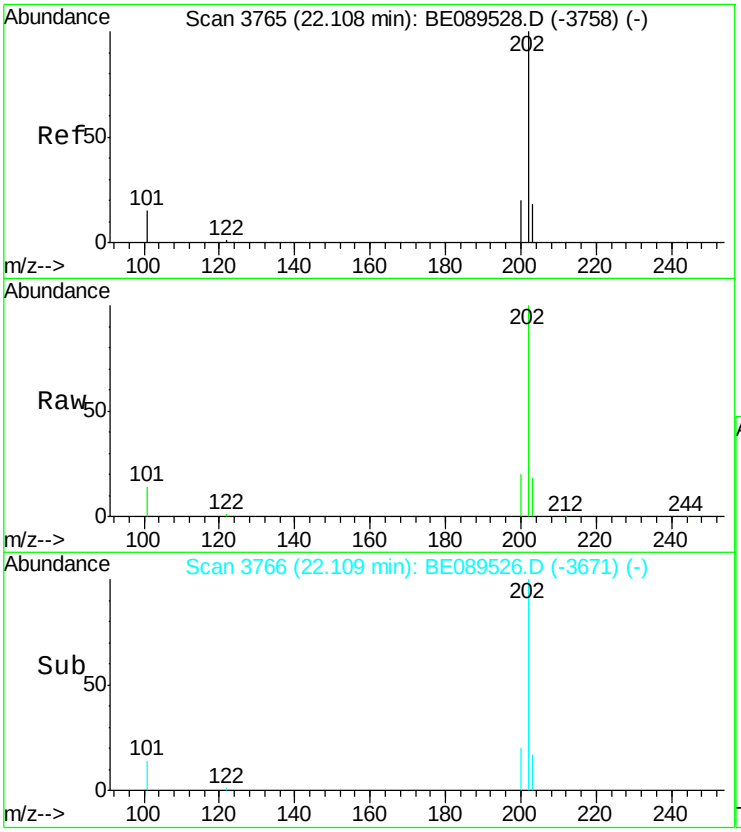


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.72 min Scan# 4041
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Tgt Ion:240 Resp: 112587

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.2	10.8
236	23.8	18.5	27.7



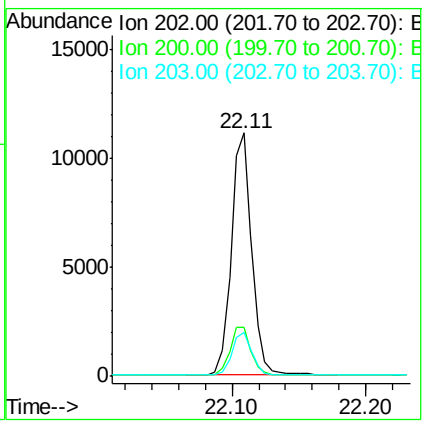


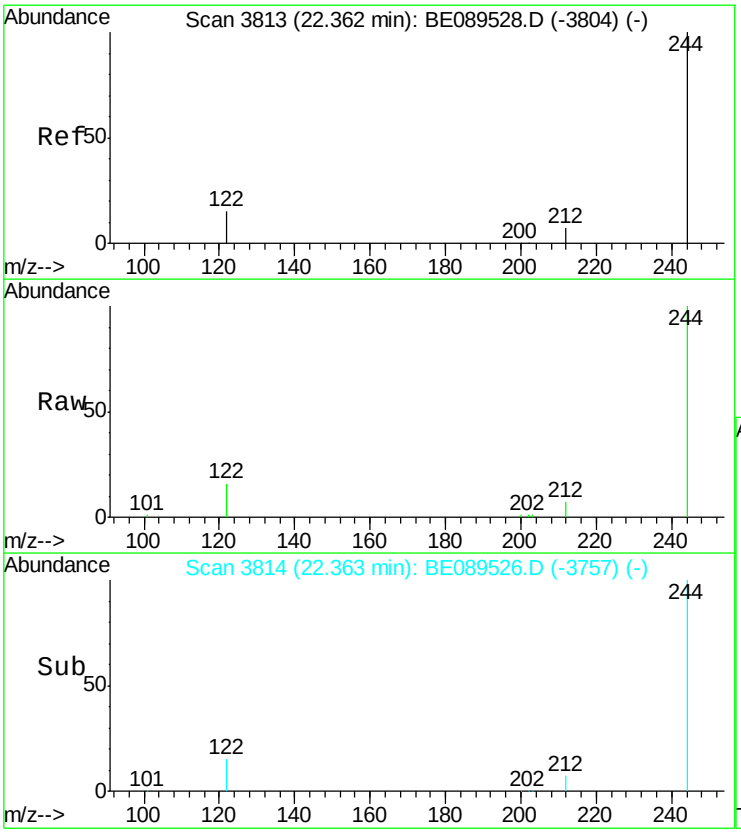
#17
Pyrene
Concen: 0.34 ng
RT: 22.11 min Scan# 3766
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:202 Resp: 11743

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.5	13.5	20.3

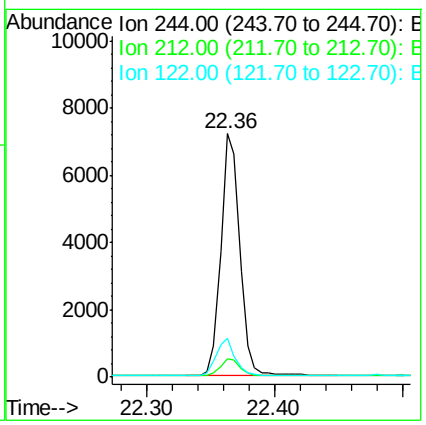


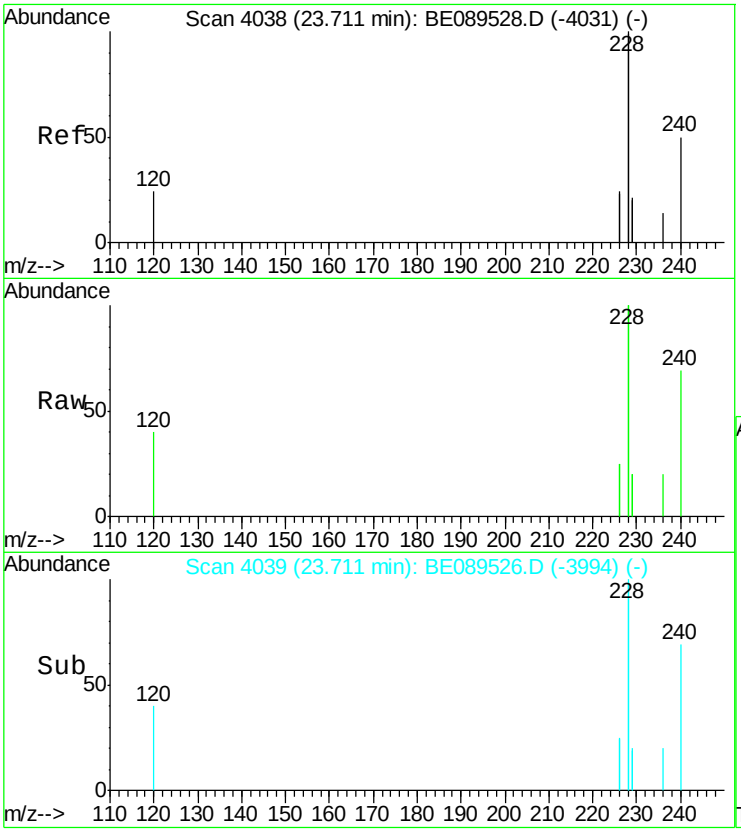


#18
Terphenyl-d14
Concen: 0.37 ng
RT: 22.36 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Tgt Ion:244 Resp: 7350

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	15.9	12.6	19.0



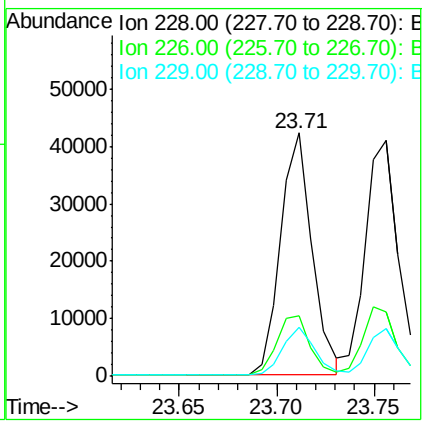


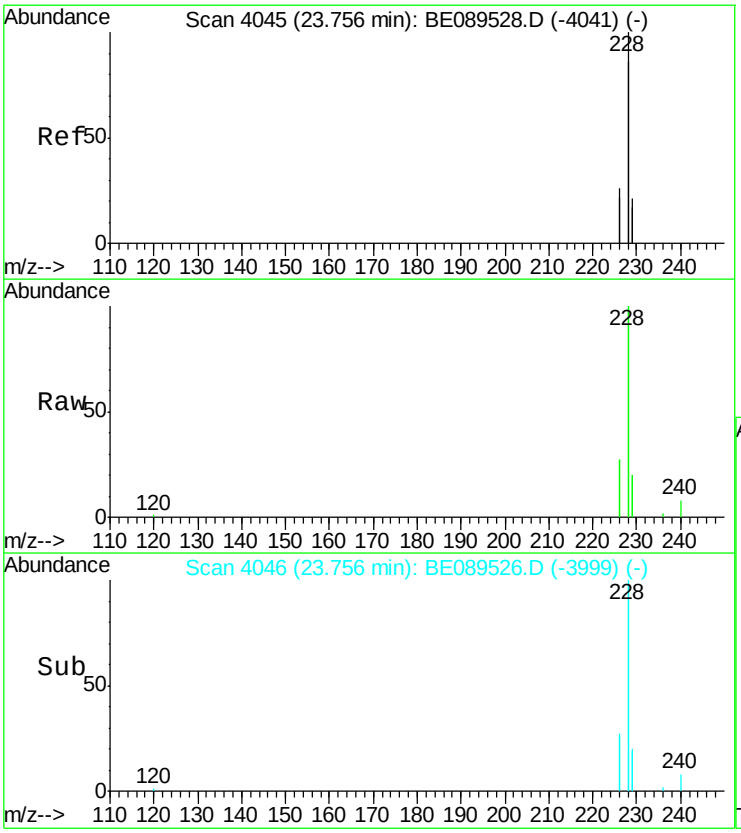
#19
Benzo(a)anthracene
Concen: 0.39 ng
RT: 23.71 min Scan# 4039
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 47693

Ion	Ratio	Lower	Upper
228	100		
226	24.7	19.0	28.4
229	20.1	16.8	25.2

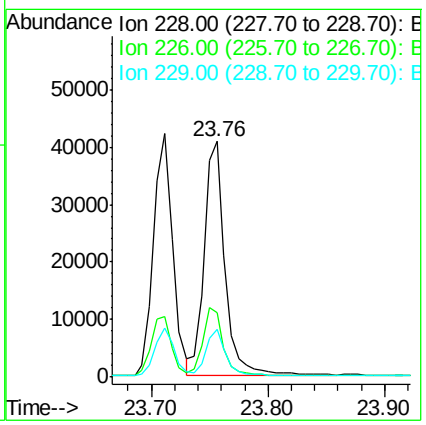


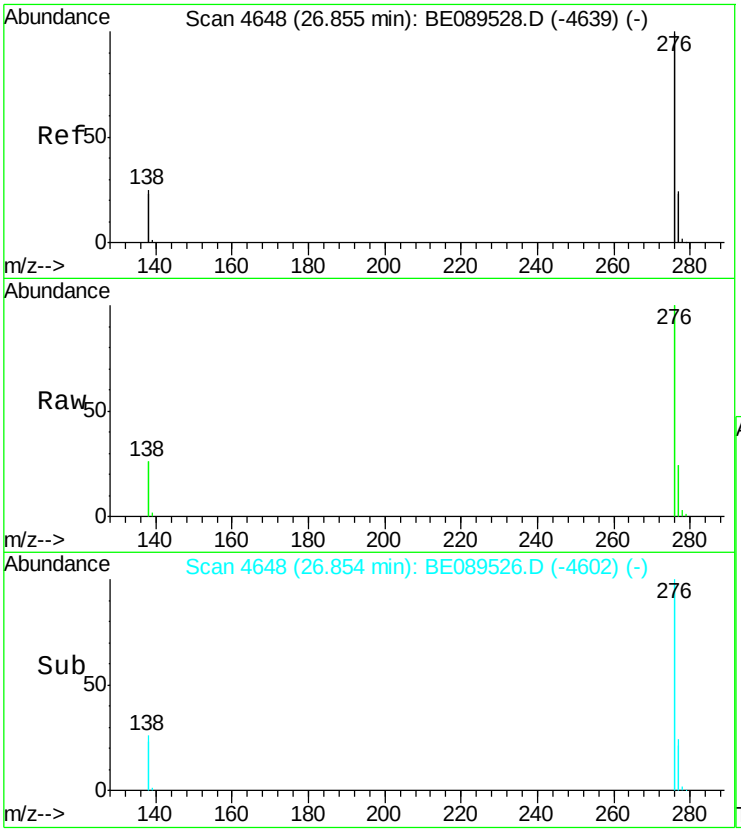


#20
Chrysene
Concen: 0.40 ng
RT: 23.76 min Scan# 4046
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Tgt Ion:228 Resp: 50477

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.0	31.4
229	20.5	16.7	25.1



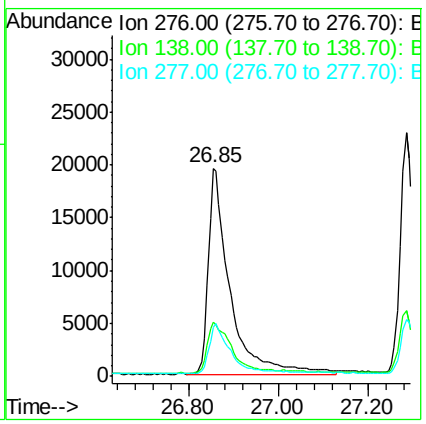


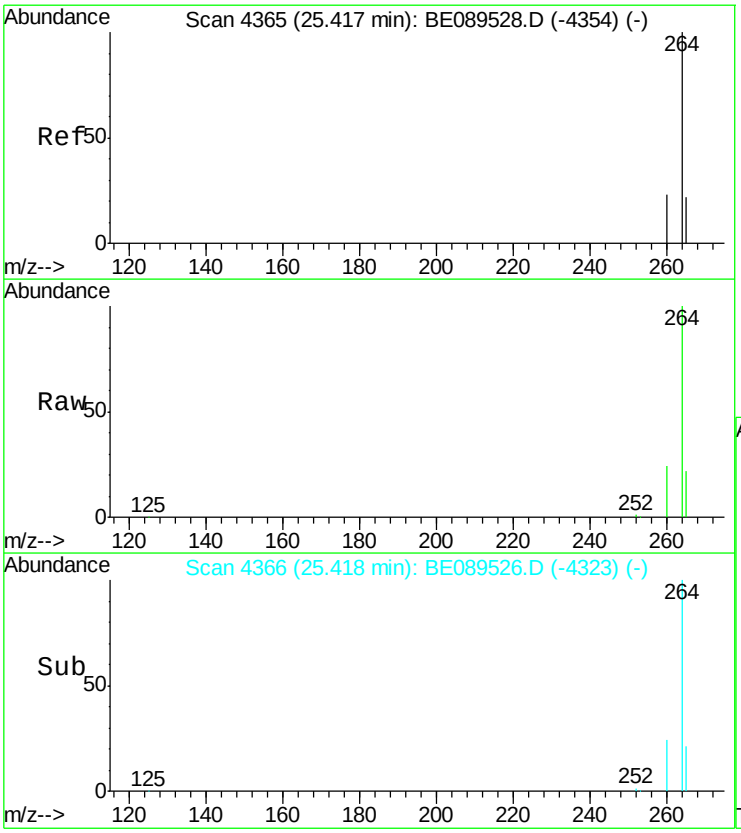
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.47 ng
RT: 26.85 min Scan# 4648
Delta R.T. -0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:276 Resp: 65760

Ion	Ratio	Lower	Upper
276	100		
138	27.5	23.0	34.4
277	25.0	19.9	29.9

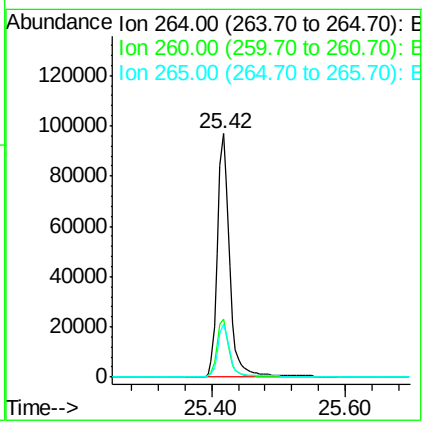


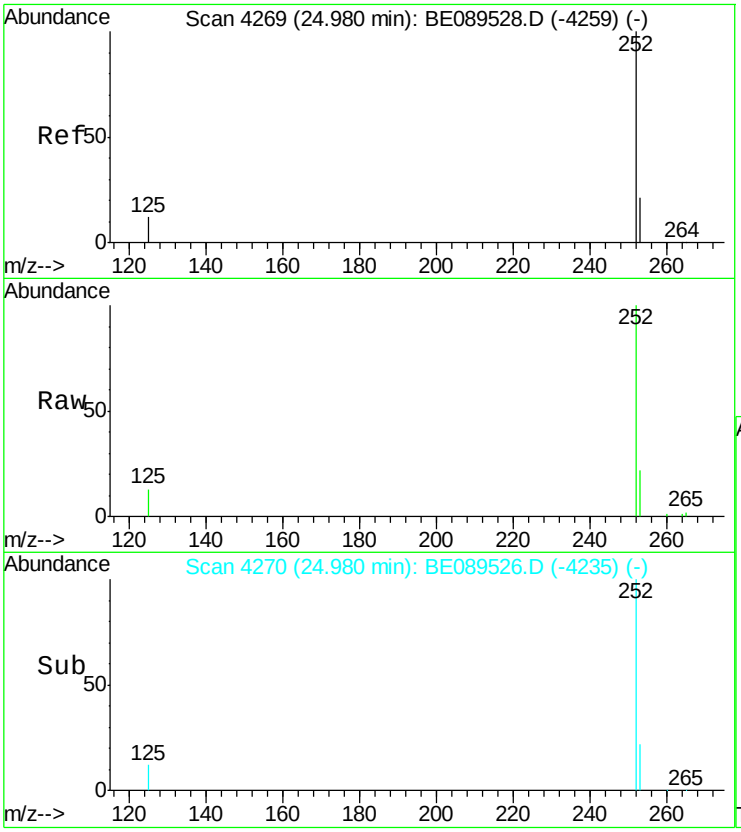


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.42 min Scan# 4366
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Tgt Ion:264 Resp: 122592

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.5	17.5	26.3



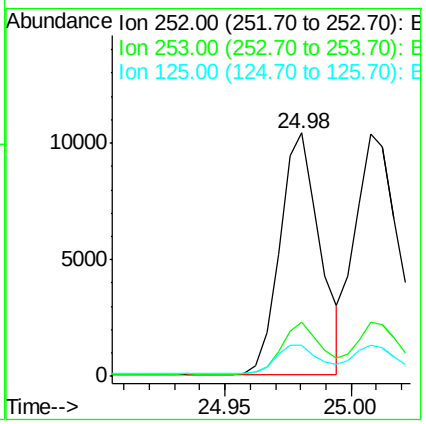


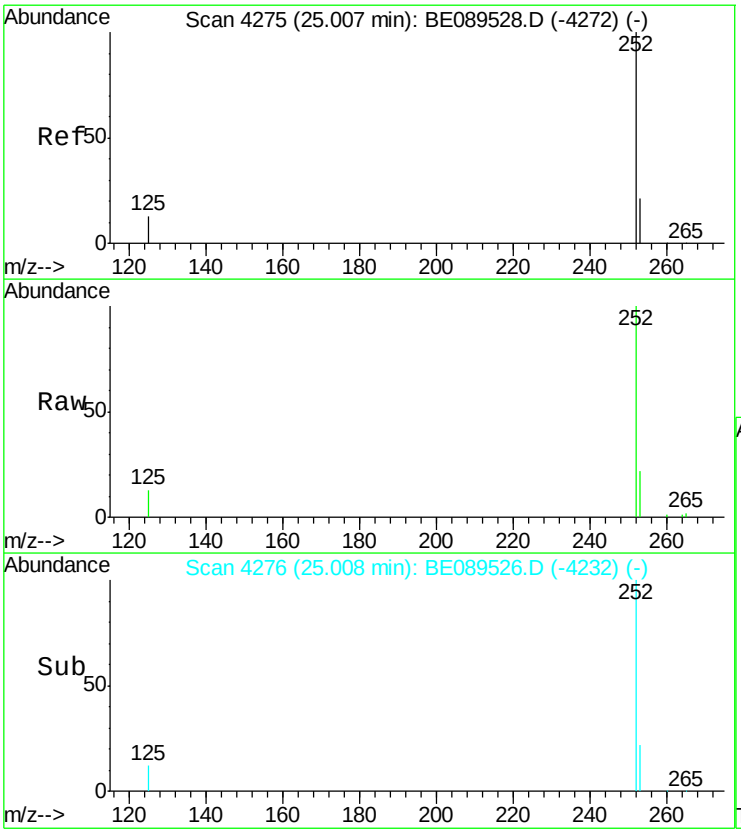
#23
Benzo(b)fluoranthene
Concen: 0.42 ng
RT: 24.98 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 11414

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	12.8	10.4	15.6

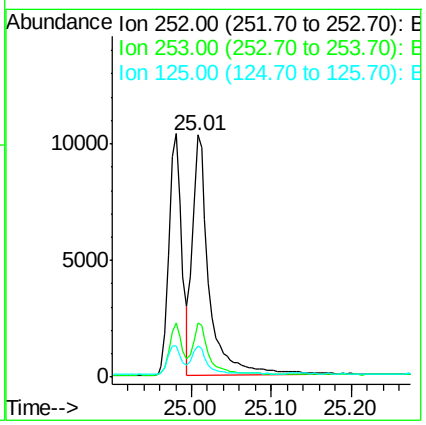


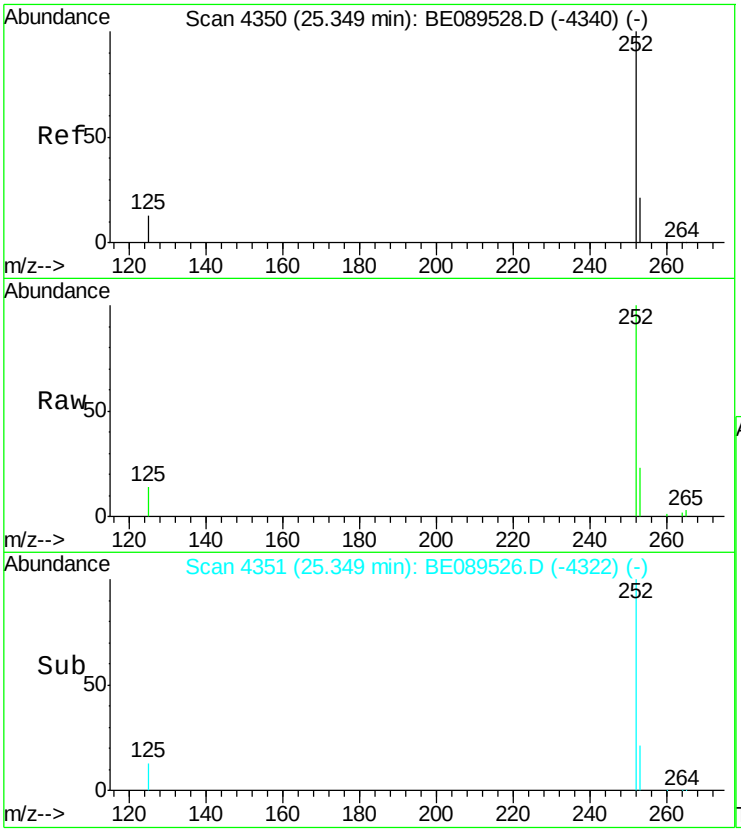


#24
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 25.01 min Scan# 4276
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Tgt Ion:252 Resp: 14912

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	12.7	10.6	15.8



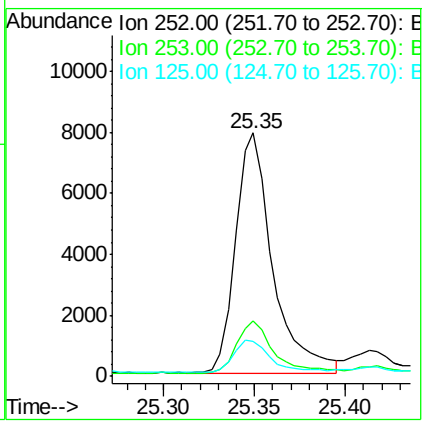


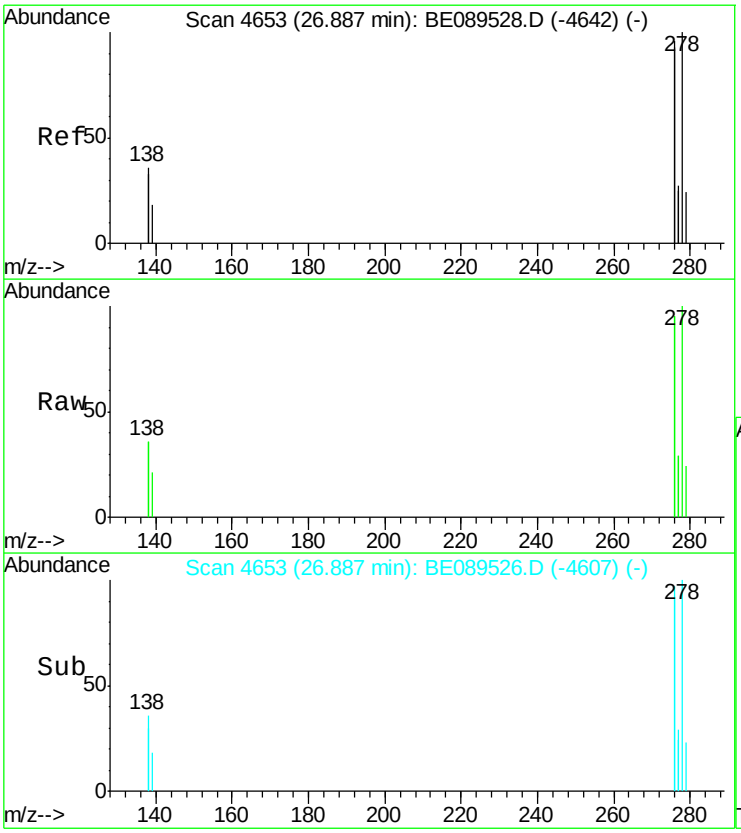
#25
Benzo(a)pyrene
Concen: 0.39 ng
RT: 25.35 min Scan# 4351
Delta R.T. 0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 11203

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	14.2	11.4	17.2

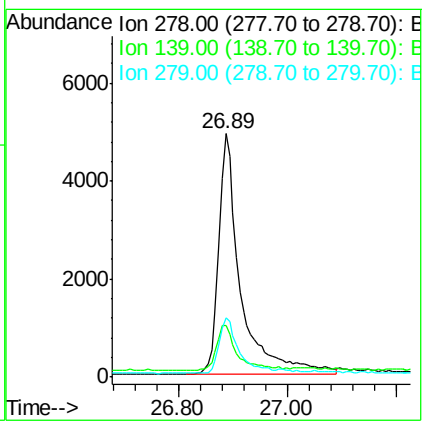


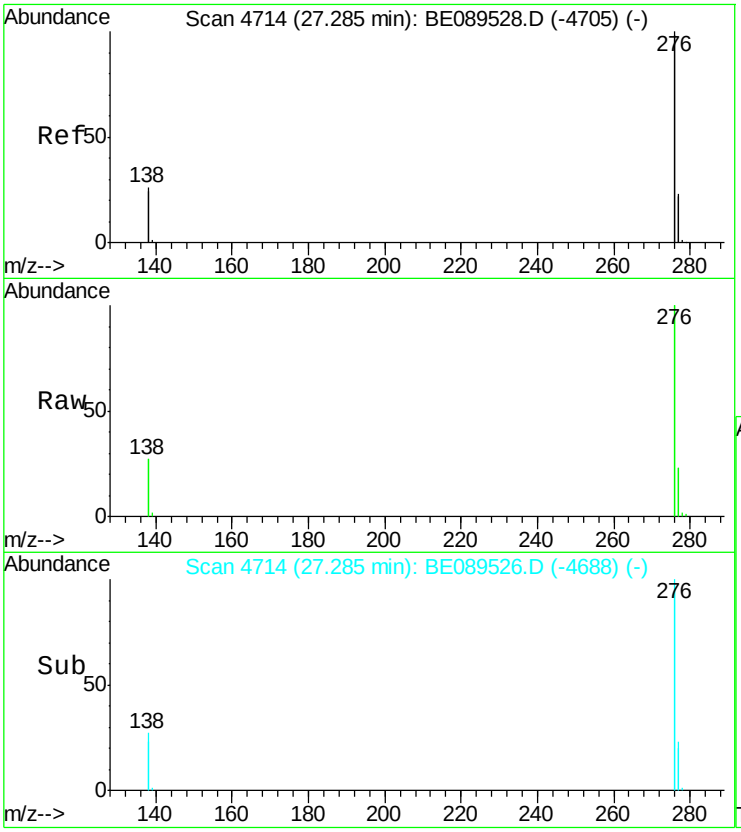


#26
Dibenzo(a,h)anthracene
Concen: 0.43 ng
RT: 26.89 min Scan# 4653
Delta R.T. -0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Tgt Ion:278 Resp: 13711

Ion	Ratio	Lower	Upper
278	100		
139	21.0	15.7	23.5
279	24.2	19.5	29.3





#27
Benzo(g,h,i)perylene
Concen: 0.42 ng
RT: 27.28 min Scan# 4714
Delta R.T. -0.00 min
Lab File: BE089526.D
Acq: 6 Feb 2015 13:49

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:276 Resp: 56240

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	27.8
138	26.9	20.9	31.3