Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089531.D
Acq On : 6 Feb 2015 17:09
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC010

Quant Time: Feb 07 03:36:12 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	33566	5.00	ng	0.00
2) Naphthalene-d8	12.33	136	124541	5.00	ng	0.00
6) Acenaphthene-d10	16.52	164	49860	5.00	ng	0.01
11) Phenanthrene-d10	19.85	188	92033	5.00	ng	0.00
16) Chrysene-d12	23.73	240	113117	5.00	ng	0.00
22) Perylene-d12	25.42	264	122242	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.69	82	92222	10.45	ng	0.00
7) 2-Fluorobiphenyl	14.97	172	131095	8.37	ng	0.00
18) Terphenyl-d14	22.37	244	149300	7.40	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	12.38	128	273694	8.97	ng	99
5) 2-Methylnaphthalene	14.04	142	161740	8.33	ng	97
8) Acenaphthylene	16.17	152	918516	8.76	ng	99
9) Acenaphthene	16.59	154	132592	8.23	ng	99
10) Fluorene	17.84	166	147744	8.15	ng	98
12) Pentachlorophenol	19.52	266	11633	16.77	ng	88
13) Phenanthrene	19.89	178	223349	8.05	ng	99
14) Anthracene	19.99	178	217475	8.66	ng	100
15) Fluoranthene	21.79	202	234899	9.15	ng	99
17) Pyrene	22.11	202	249581	7.27	ng	99
19) Benzo(a)anthracene	23.71	228	1015147	8.27	ng	95
20) Chrysene	23.75	228	996778	7.82	ng	95
21) Indeno(1,2,3-cd)pyrene	26.86	276	1456290	10.28	ng	100
23) Benzo(b)fluoranthene	24.98	252	257145	9.50	ng	99
24) Benzo(k)fluoranthene	25.01	252	310609	7.99	ng	98
25) Benzo(a)pyrene	25.35	252	270359	9.53	ng	98
26) Dibenzo(a,h)anthracene	26.89	278	314371	9.95	ng	96
27) Benzo(g,h,i)perylene	27.29	276	1208292	9.14	ng	99

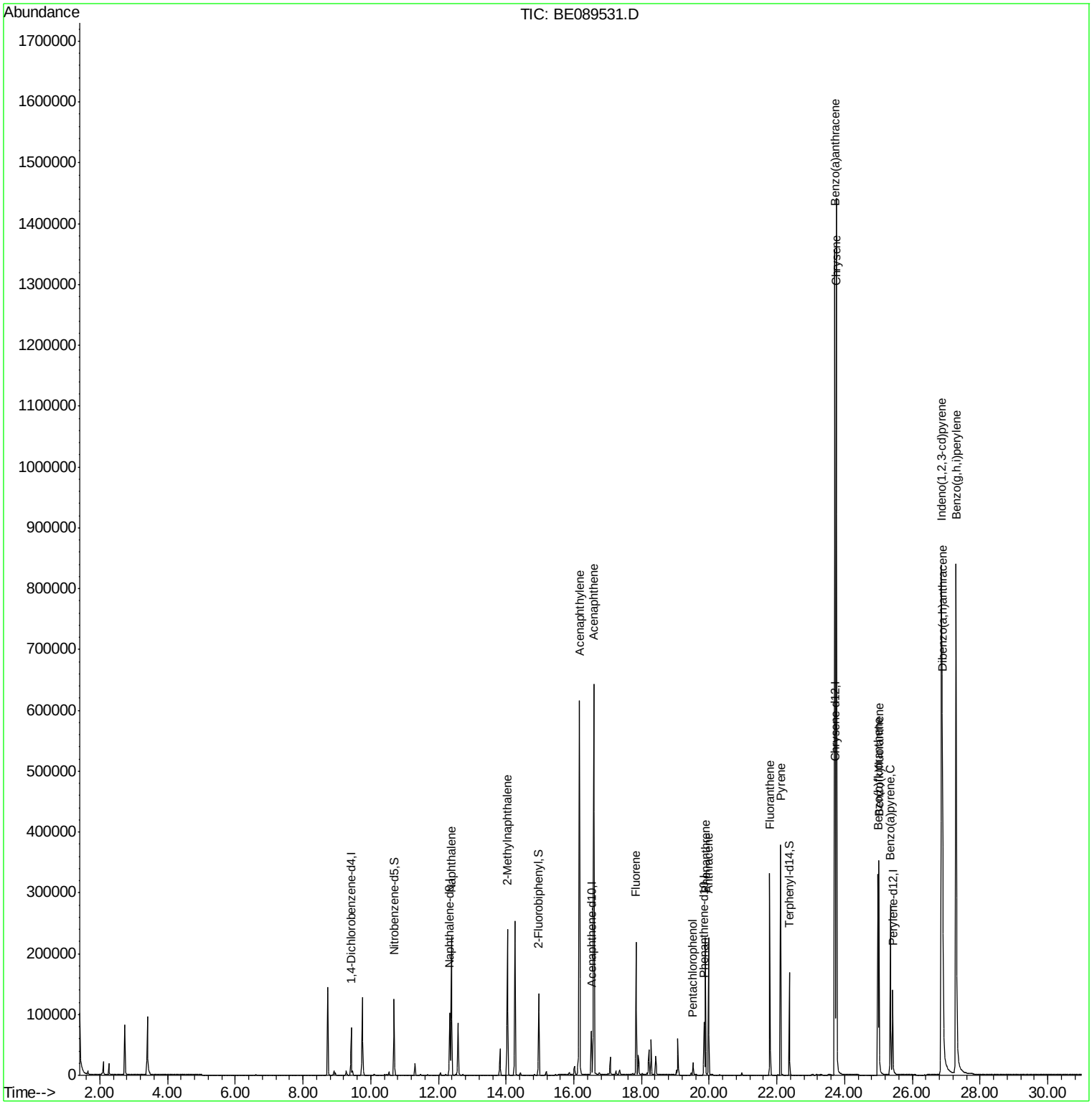
(#) = qualifier out of range (m) = manual integration (+) = signals summed

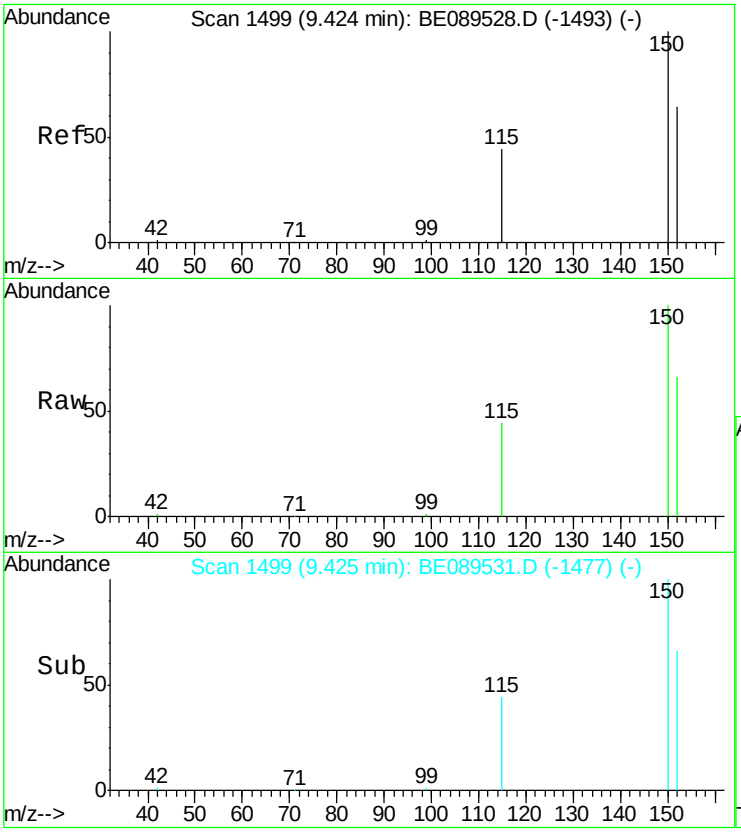
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089531.D
Acq On : 6 Feb 2015 17:09
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Quant Time: Feb 07 03:36:12 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



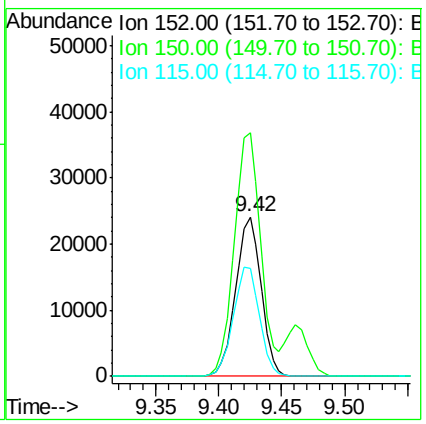


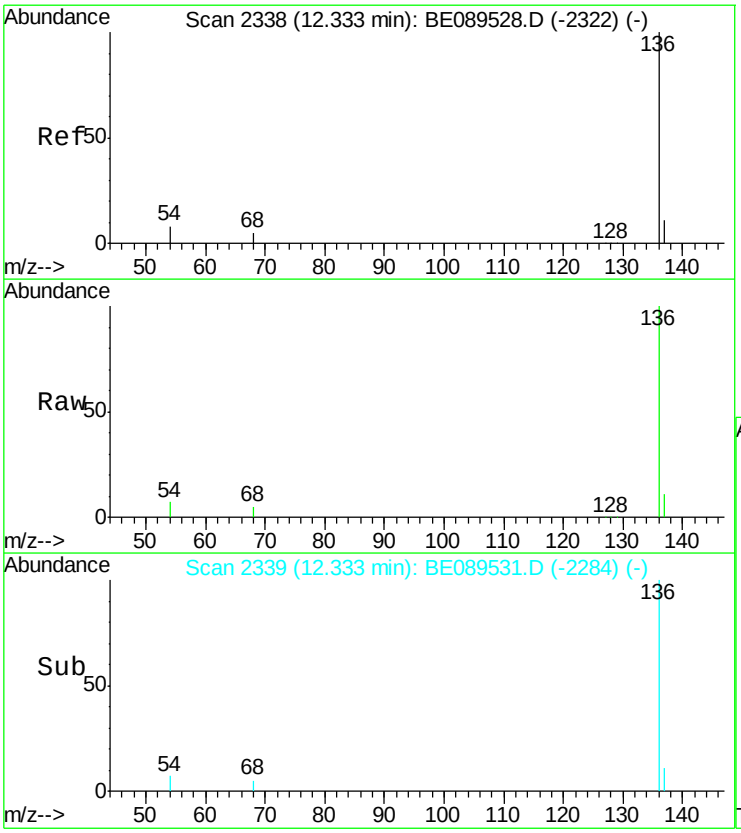
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.42 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:152 Resp: 33566

Ion	Ratio	Lower	Upper
152	100		
150	152.5	125.7	188.5
115	67.8	55.6	83.4

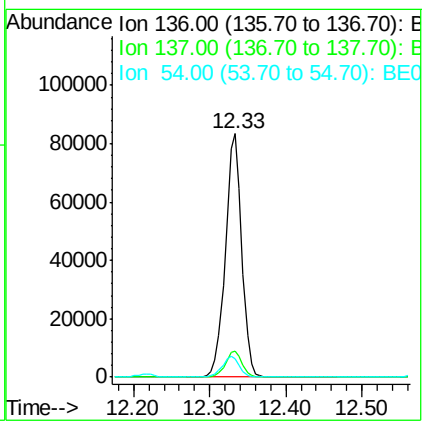


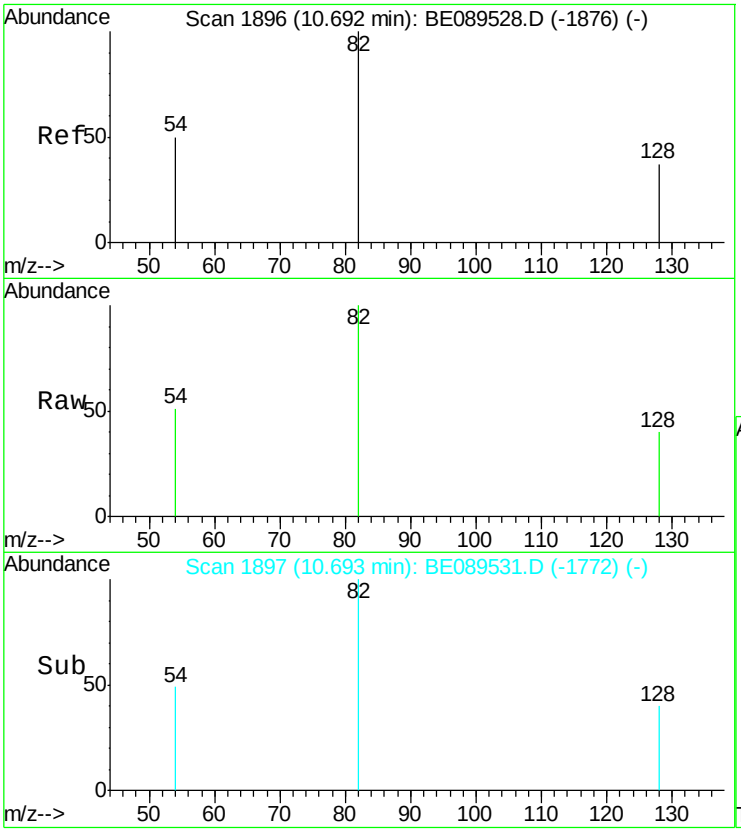


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.33 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Tgt Ion:136 Resp: 124541

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.4	6.1	9.1



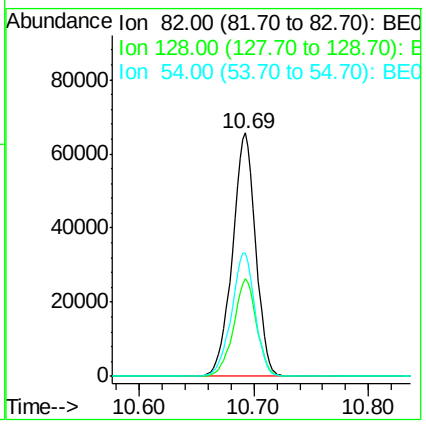


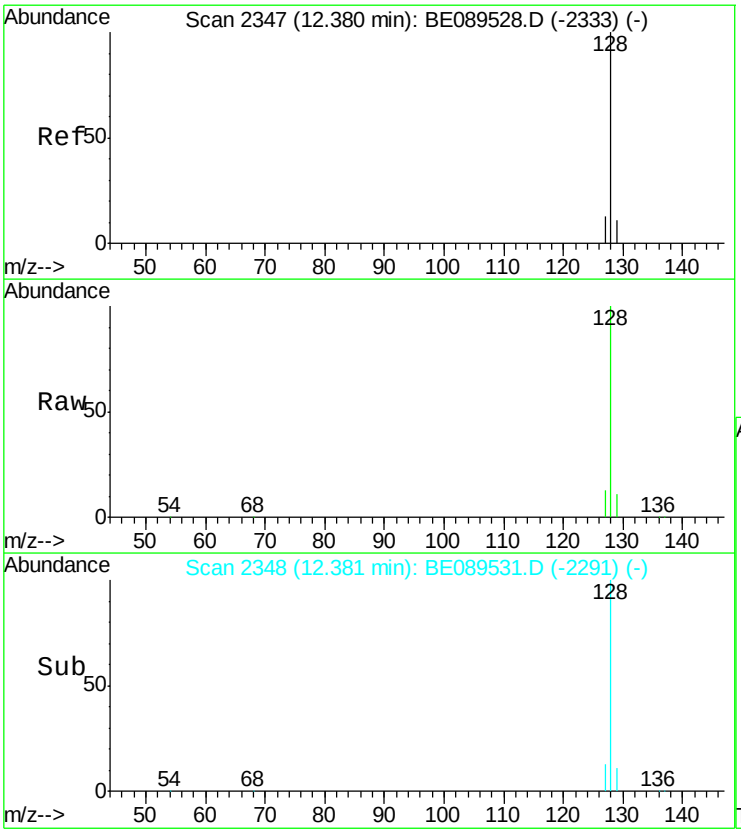
#3
Nitrobenzene-d5
Concen: 10.45 ng
RT: 10.69 min Scan# 1897
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 92222

Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.2	45.4
54	50.6	40.6	60.8

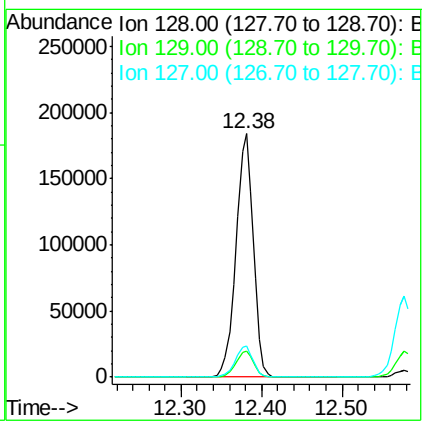


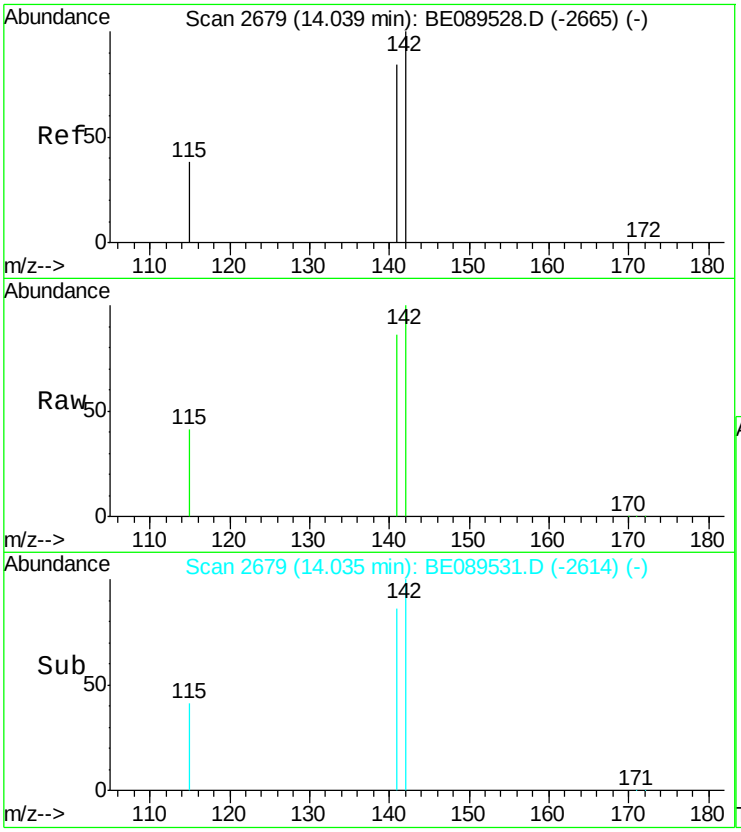


#4
Naphthalene
Concen: 8.97 ng
RT: 12.38 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Tgt Ion:128 Resp: 273694

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	12.7	10.5	15.7



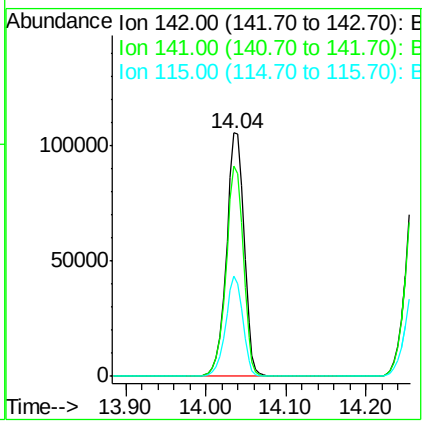


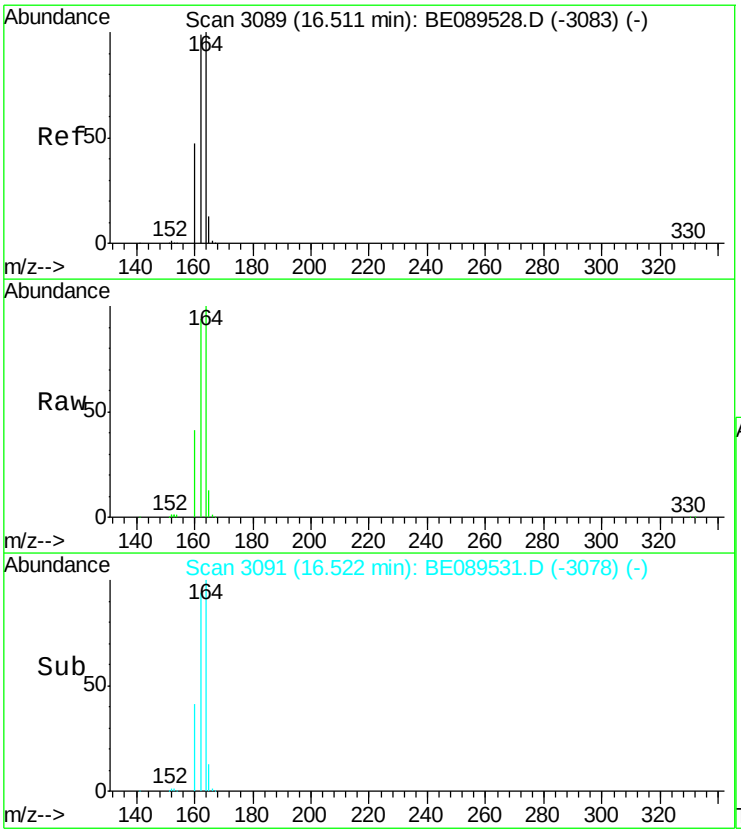
#5
2-Methylnaphthalene
Concen: 8.33 ng
RT: 14.04 min Scan# 2679
Delta R.T. -0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:142 Resp: 161740

Ion	Ratio	Lower	Upper
142	100		
141	86.3	67.0	100.6
115	41.0	30.6	45.8

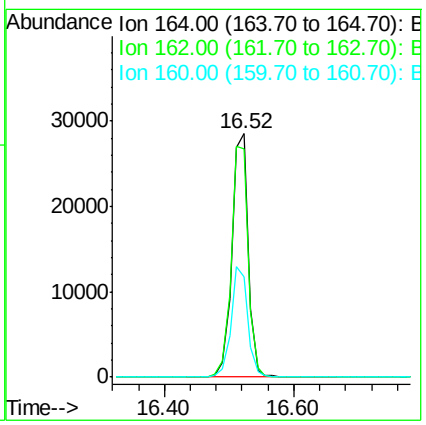


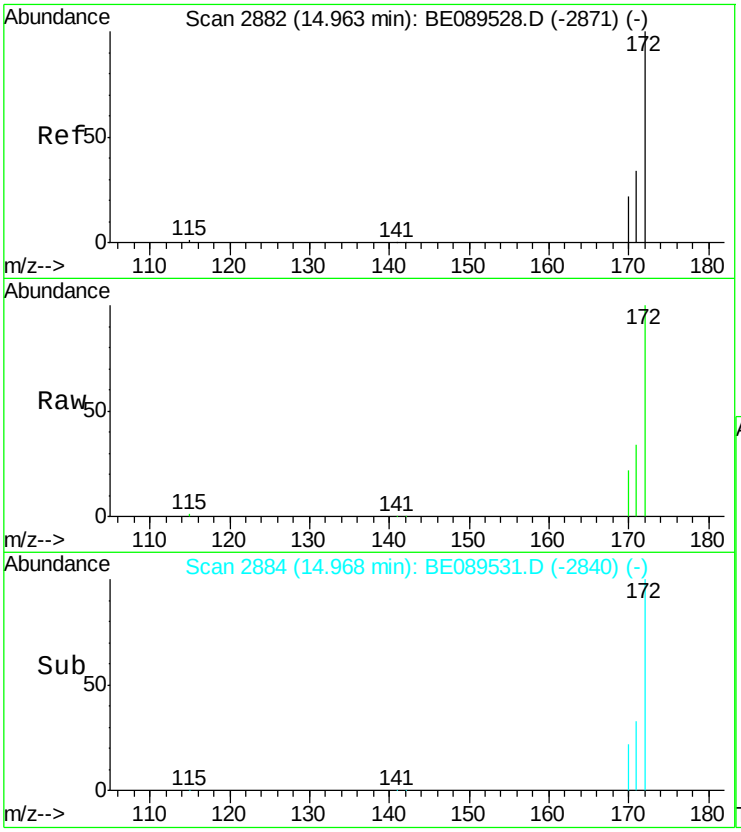


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.52 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Tgt Ion:164 Resp: 49860

Ion	Ratio	Lower	Upper
164	100		
162	93.6	79.5	119.3
160	41.3	37.6	56.4



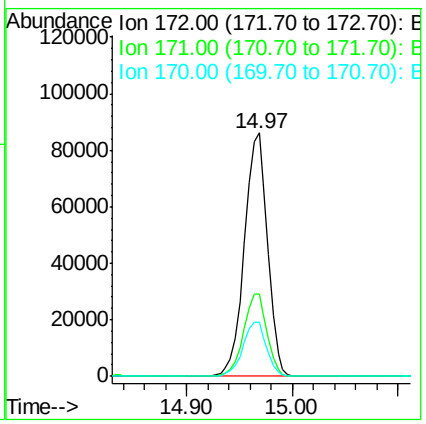


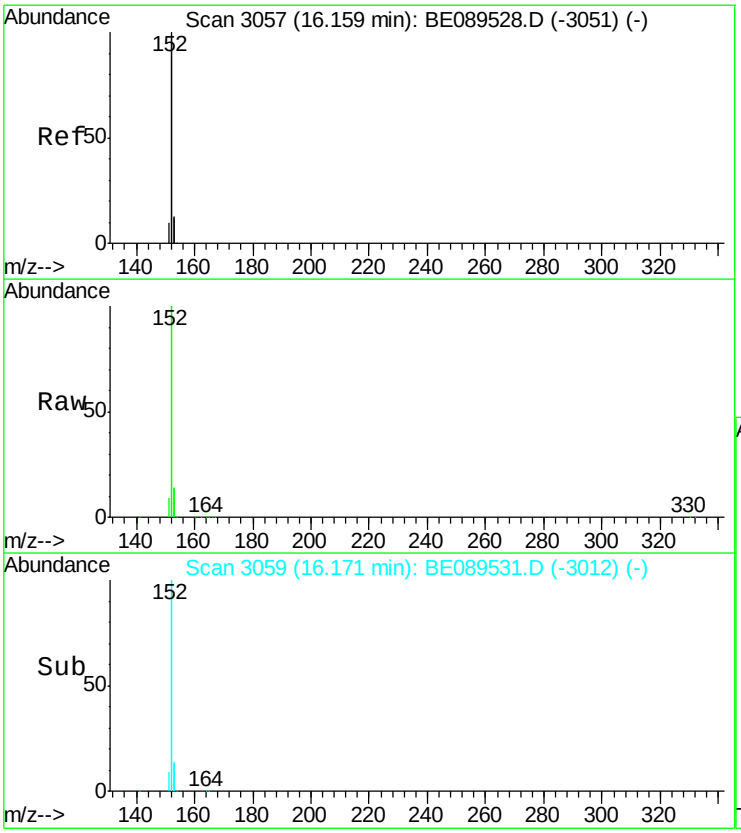
#7
2-Fluorobiphenyl
Concen: 8.37 ng
RT: 14.97 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:172 Resp: 131095

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.7	41.5
170	22.1	18.3	27.5

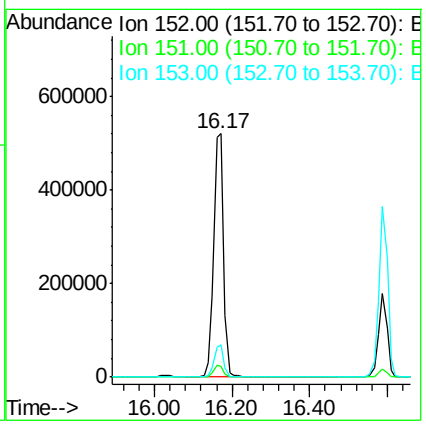


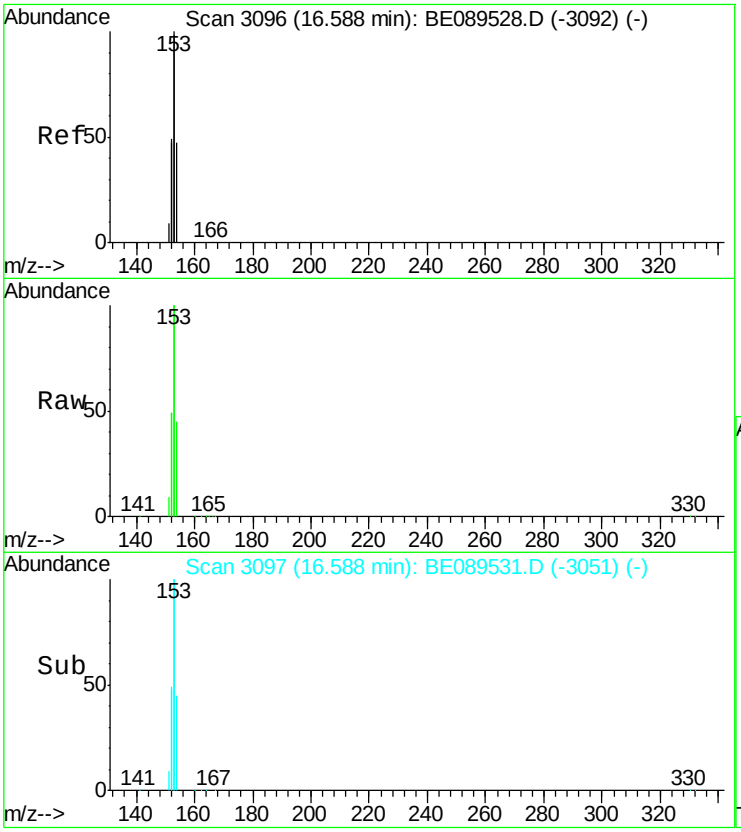


#8
Acenaphthylene
Concen: 8.76 ng
RT: 16.17 min Scan# 3059
Delta R.T. 0.01 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Tgt Ion:152 Resp: 918516

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	12.9	10.6	15.8



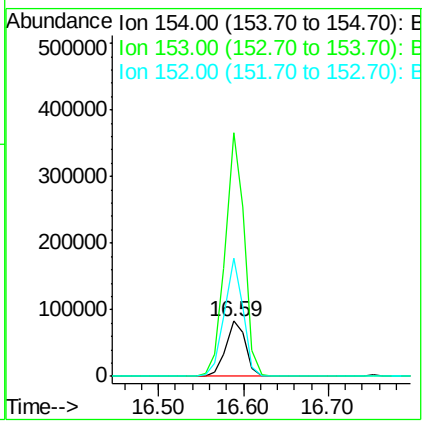


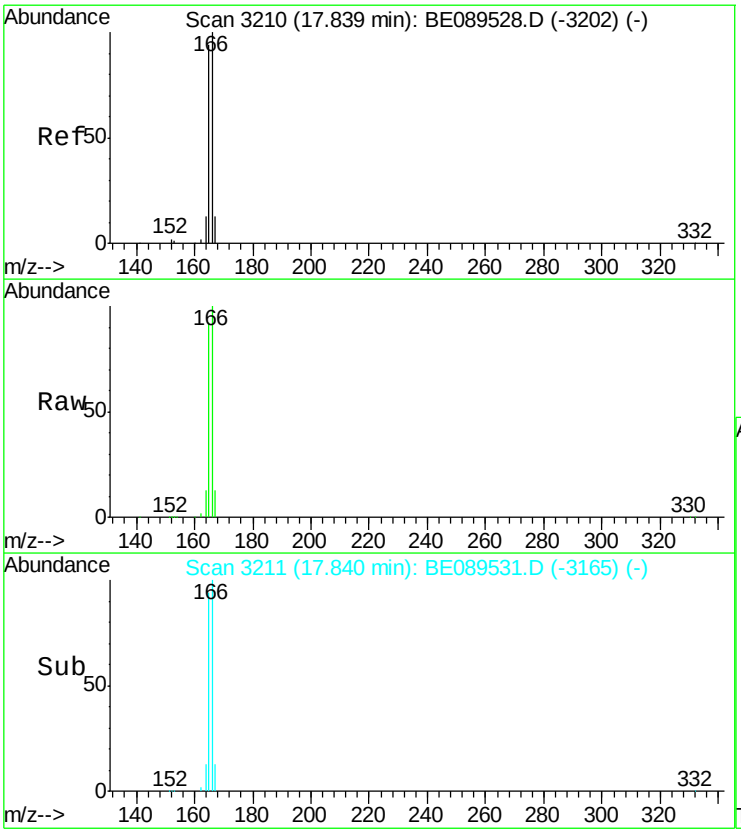
#9
Acenaphthene
Concen: 8.23 ng
RT: 16.59 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:154 Resp: 132592

Ion	Ratio	Lower	Upper
154	100		
153	429.8	340.8	511.2
152	205.4	165.5	248.3

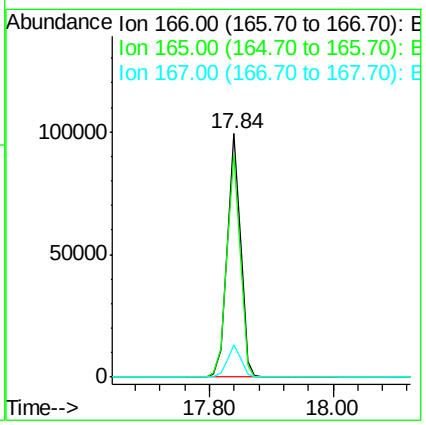


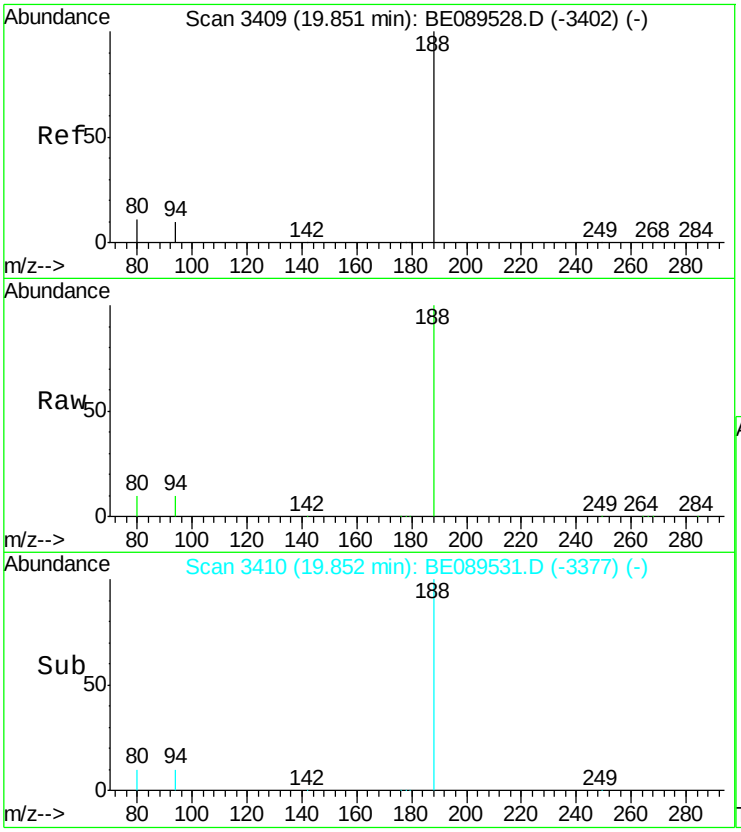


#10
Fluorene
Concen: 8.15 ng
RT: 17.84 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Tgt Ion:166 Resp: 147744

Ion	Ratio	Lower	Upper
166	100		
165	92.2	75.5	113.3
167	13.3	10.9	16.3



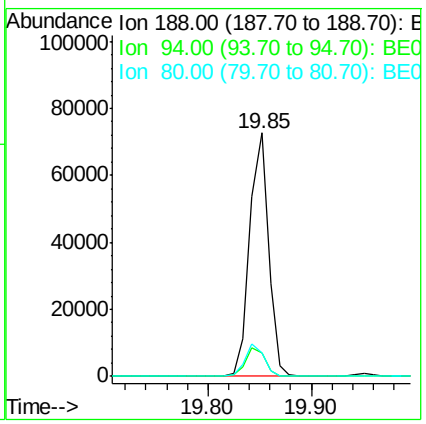


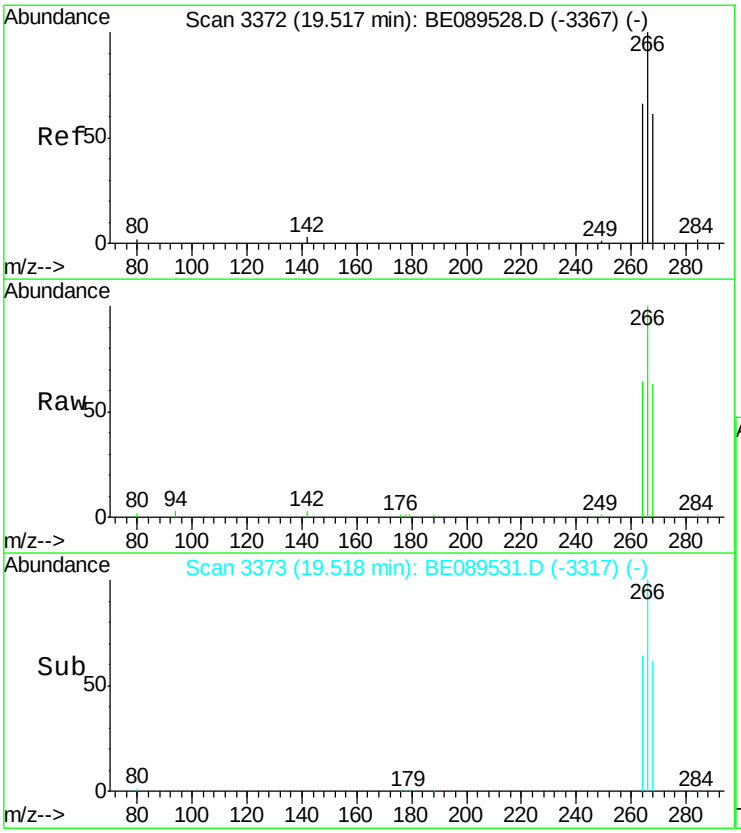
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.85 min Scan# 3410
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:188 Resp: 92033

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.4	12.6
80	9.8	8.6	12.8

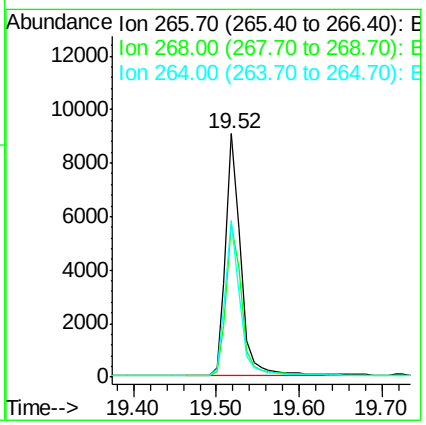


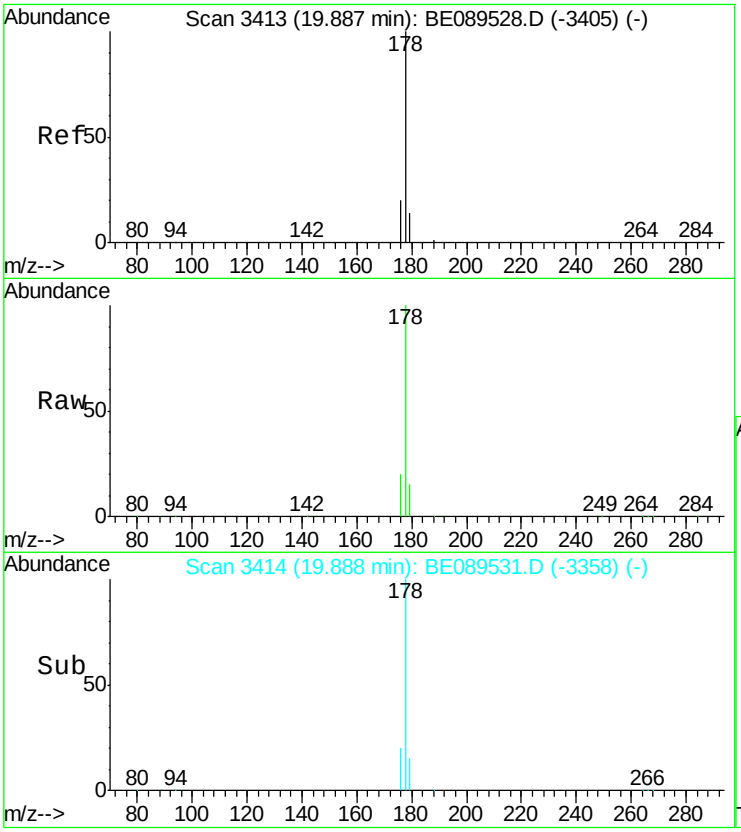


#12
Pentachlorophenol
Concen: 16.77 ng
RT: 19.52 min Scan# 3373
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Tgt Ion:266 Resp: 11633

Ion	Ratio	Lower	Upper
266	100		
268	62.6	57.9	86.9
264	64.3	60.2	90.4



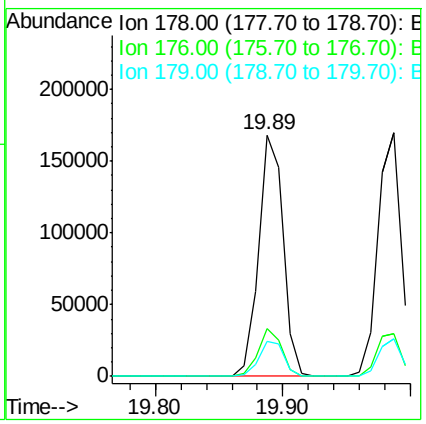


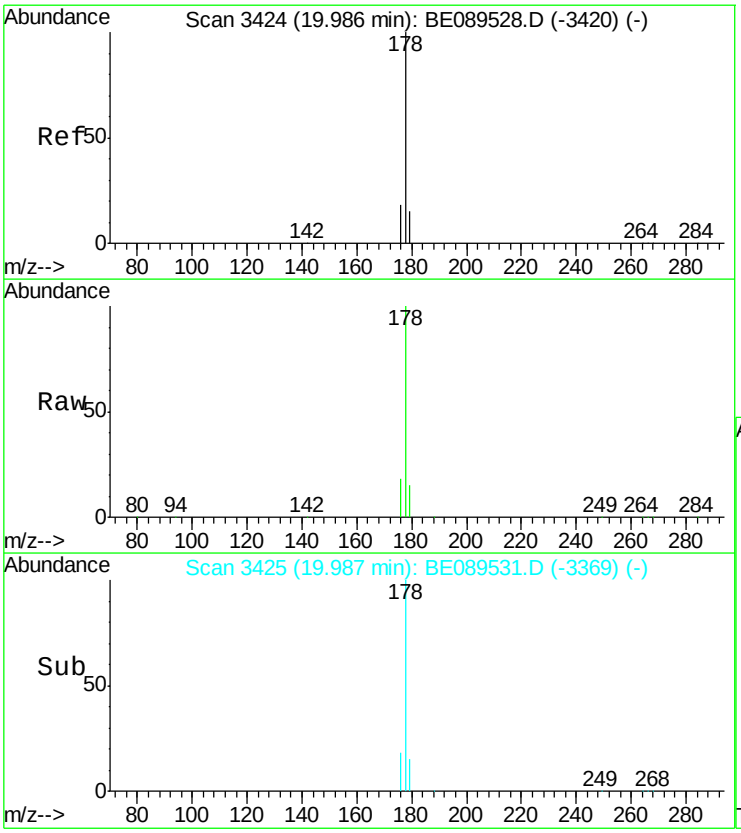
#13
Phenanthrene
Concen: 8.05 ng
RT: 19.89 min Scan# 3414
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:178 Resp: 223349

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.2	12.2	18.2

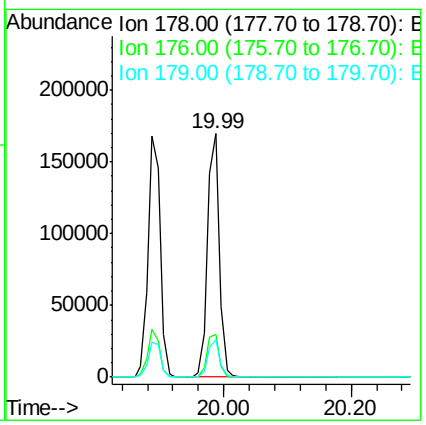


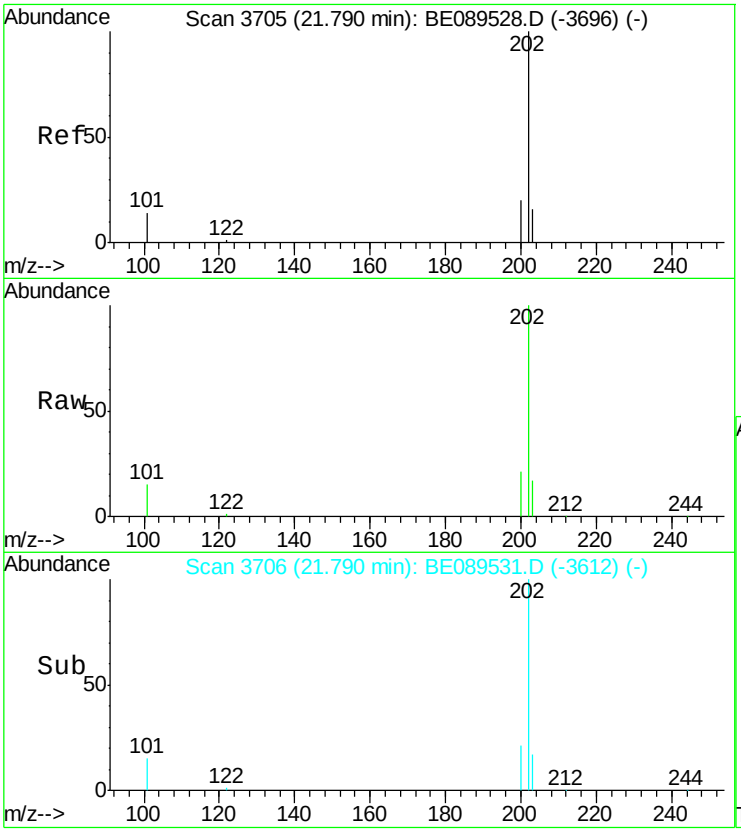


#14
Anthracene
Concen: 8.66 ng
RT: 19.99 min Scan# 3425
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Tgt Ion:178 Resp: 217475

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



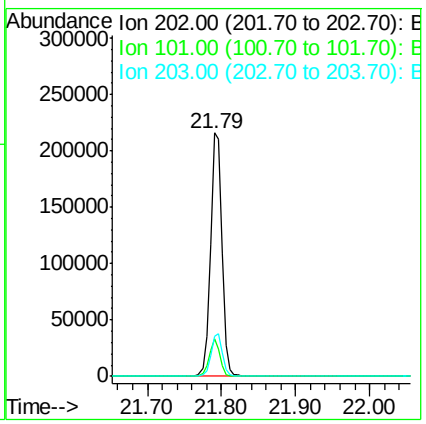


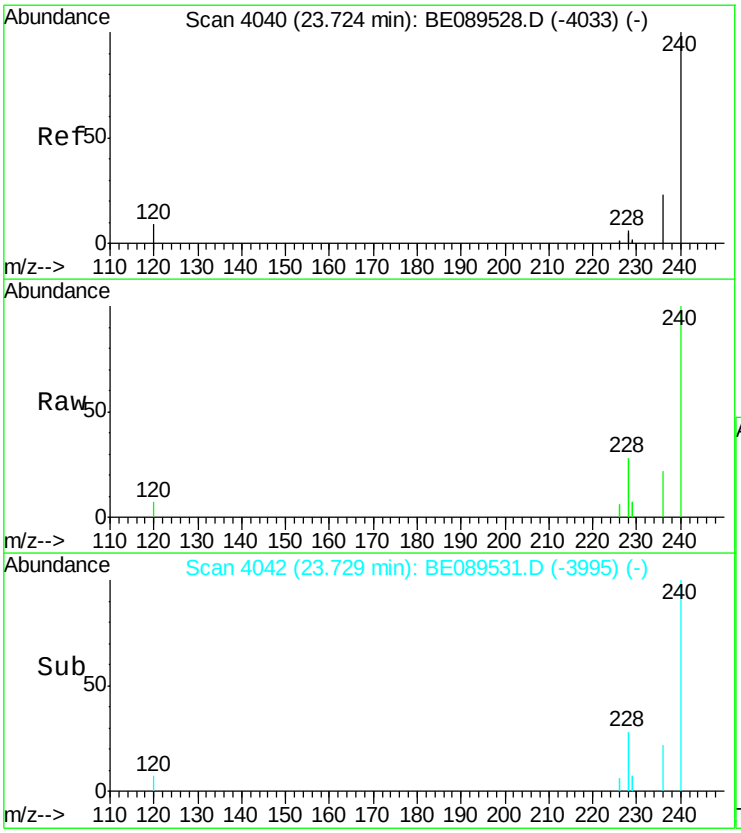
#15
Fluoranthene
Concen: 9.15 ng
RT: 21.79 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:202 Resp: 234899

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.6	17.4
203	17.2	13.6	20.4

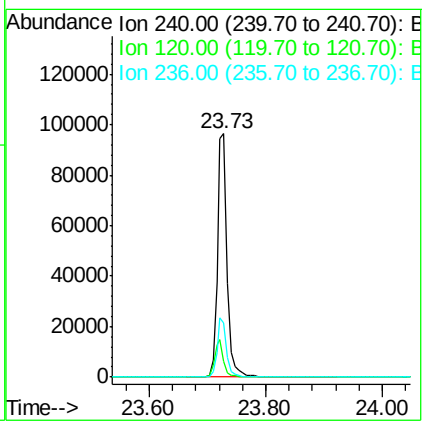


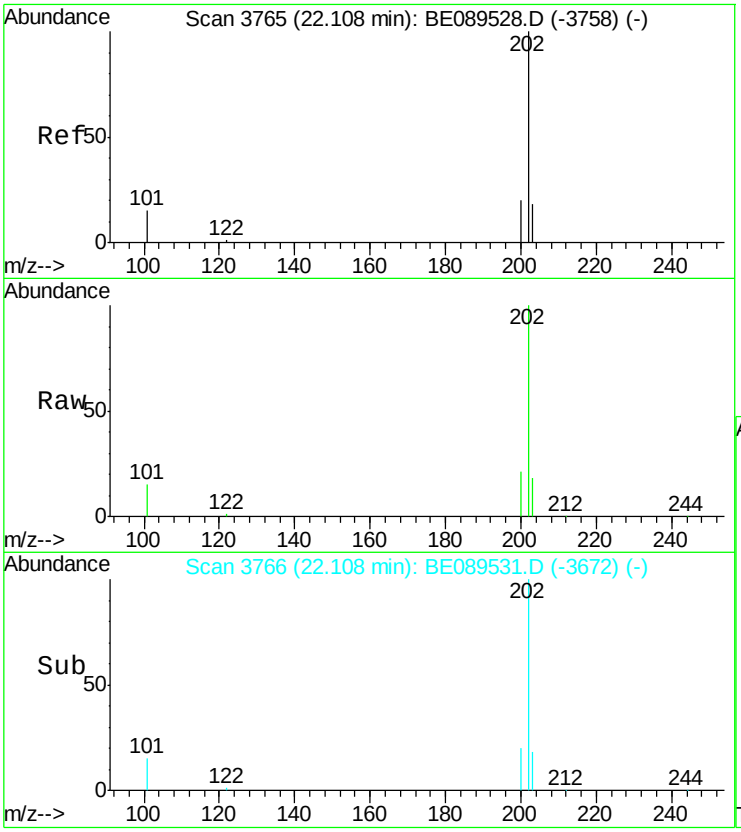


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 4042
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Tgt Ion:240 Resp: 113117

Ion	Ratio	Lower	Upper
240	100		
120	6.7	7.2	10.8#
236	22.1	18.5	27.7



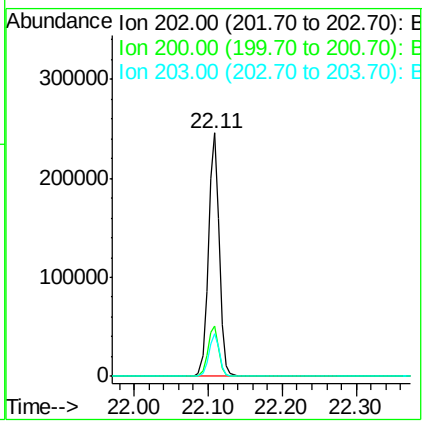


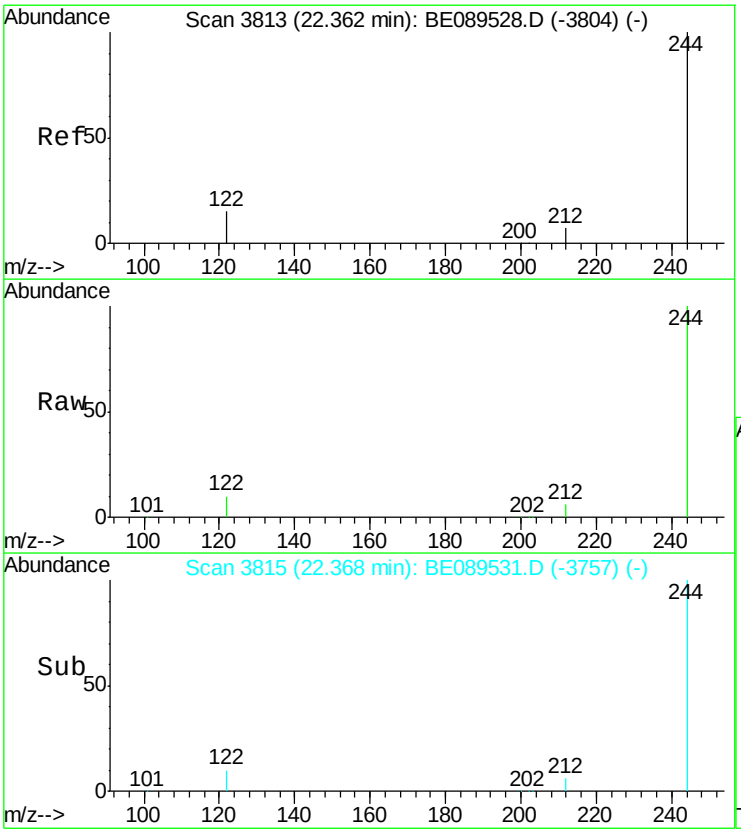
#17
Pyrene
Concen: 7.27 ng
RT: 22.11 min Scan# 3766
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:202 Resp: 249581

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	17.4	13.5	20.3

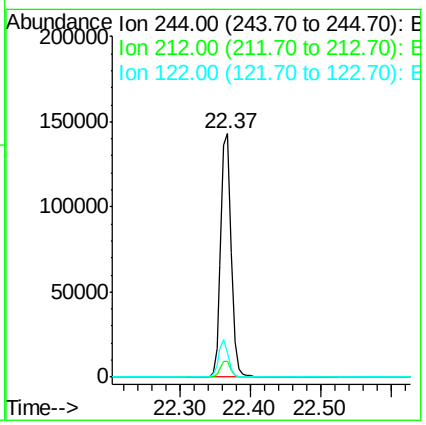


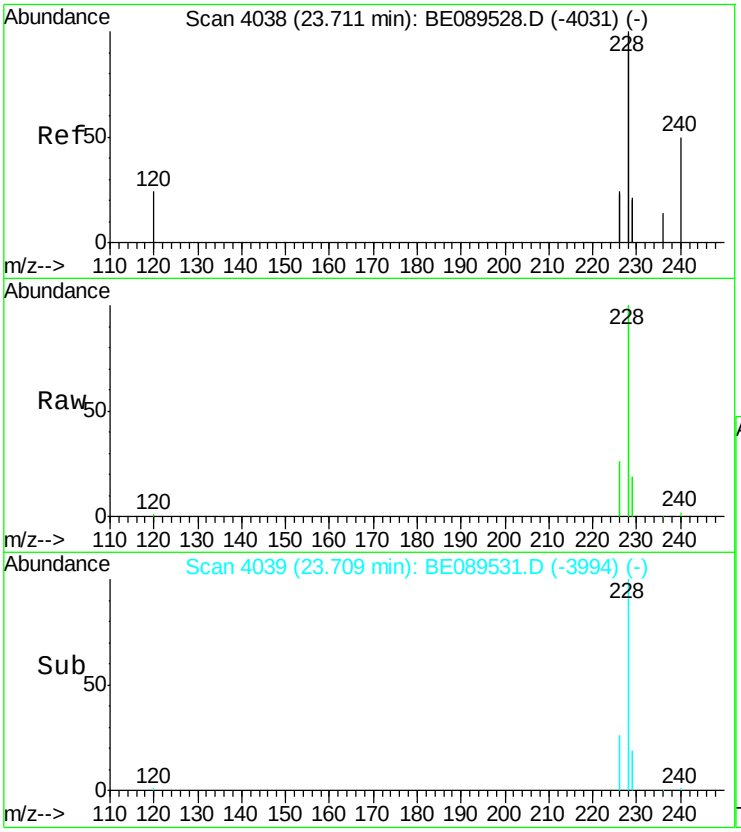


#18
Terphenyl-d14
Concen: 7.40 ng
RT: 22.37 min Scan# 3815
Delta R.T. 0.01 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Tgt Ion:244 Resp: 149300

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	10.4	12.6	19.0#



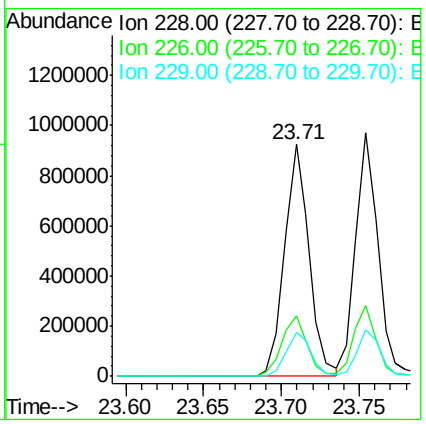


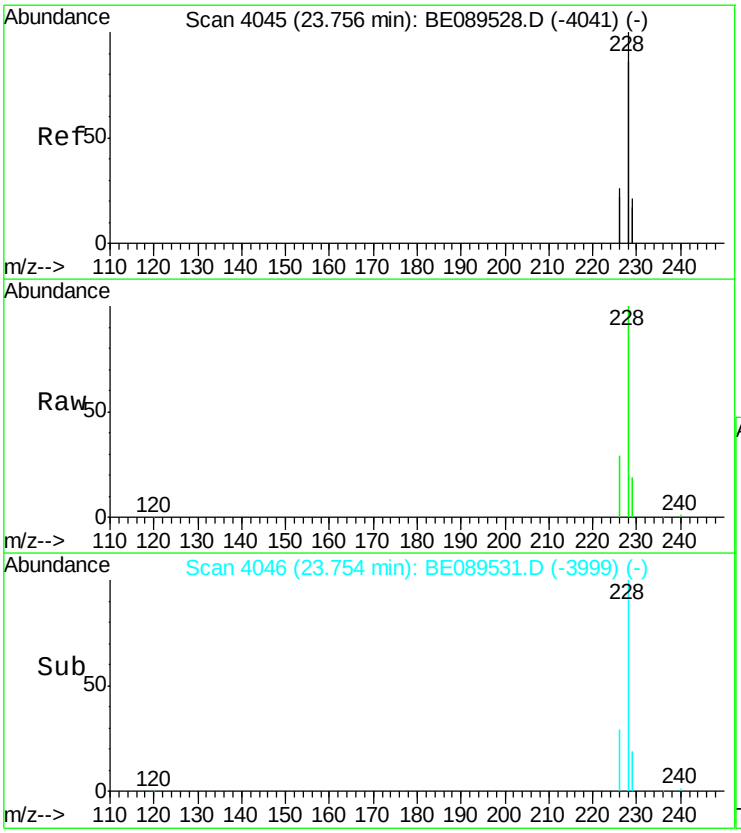
#19
Benzo(a)anthracene
Concen: 8.27 ng
RT: 23.71 min Scan# 4039
Delta R.T. -0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1015147

Ion	Ratio	Lower	Upper
228	100		
226	26.3	19.0	28.4
229	19.1	16.8	25.2

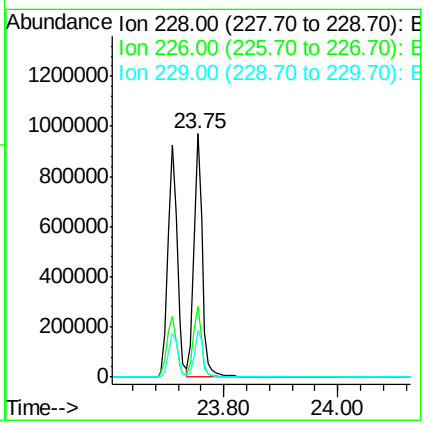


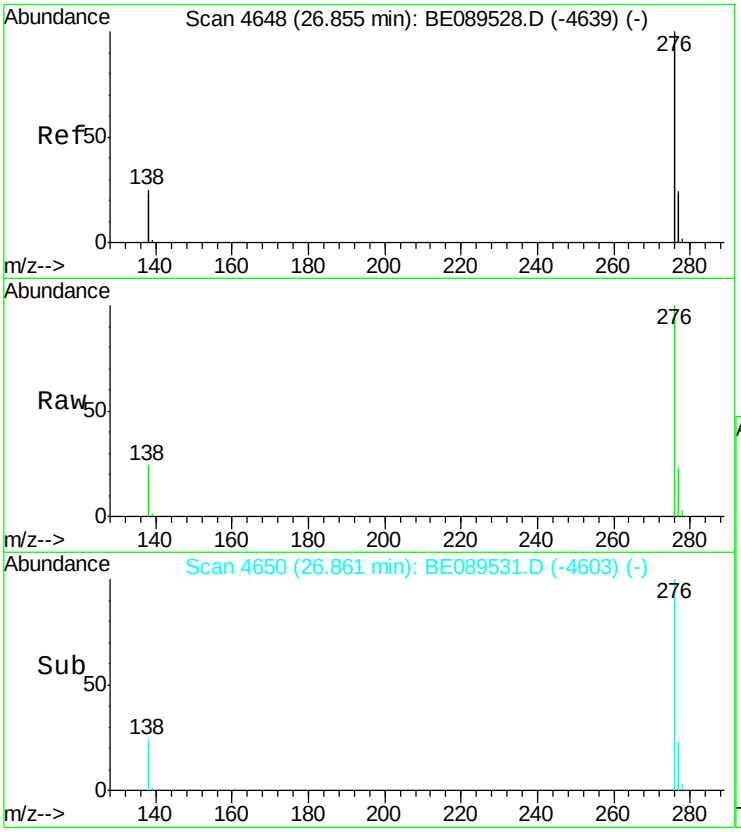


#20
Chrysene
Concen: 7.82 ng
RT: 23.75 min Scan# 4046
Delta R.T. -0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Tgt Ion:228 Resp: 996778

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.0	31.4
229	18.9	16.7	25.1



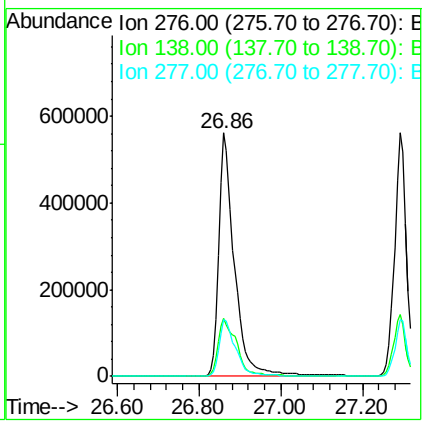


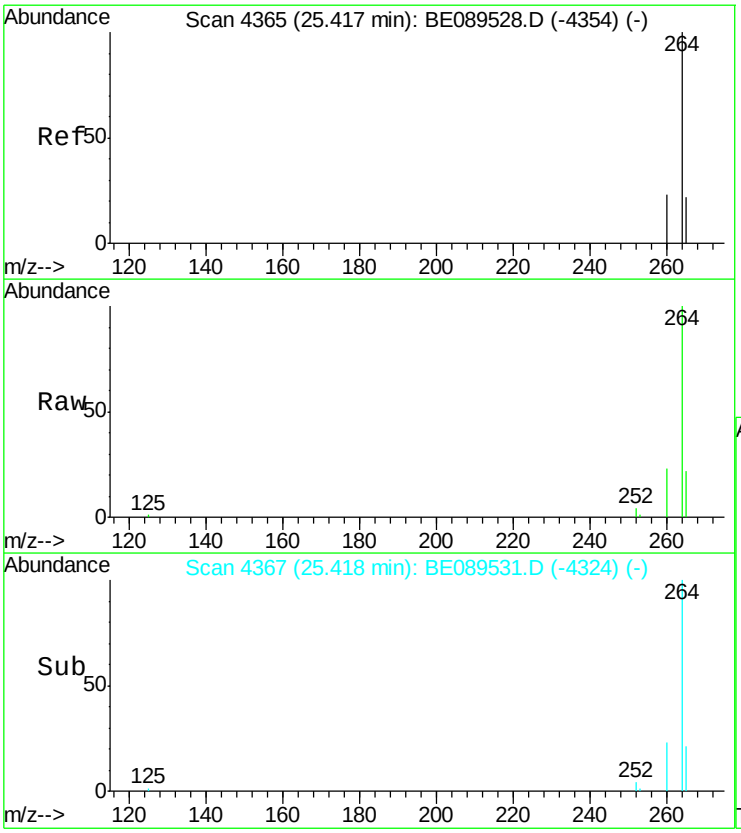
#21
Indeno(1,2,3-cd)pyrene
Concen: 10.28 ng
RT: 26.86 min Scan# 4650
Delta R.T. 0.01 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:276 Resp: 1456290

Ion	Ratio	Lower	Upper
276	100		
138	28.9	23.0	34.4
277	25.2	19.9	29.9

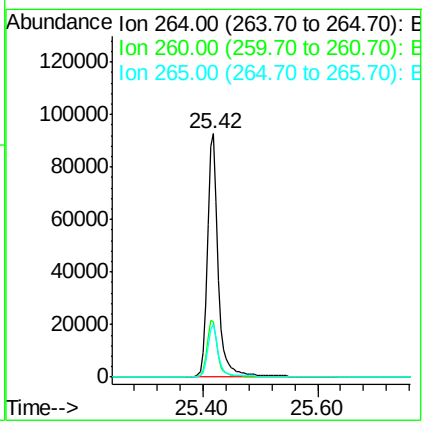


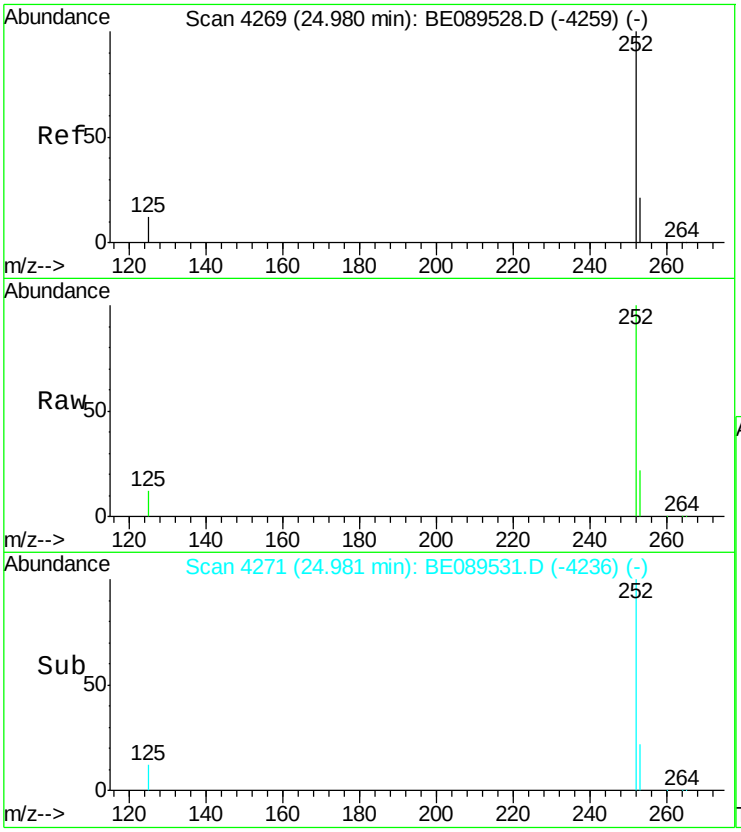


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.42 min Scan# 4367
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Tgt Ion:264 Resp: 122242

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.6	17.5	26.3



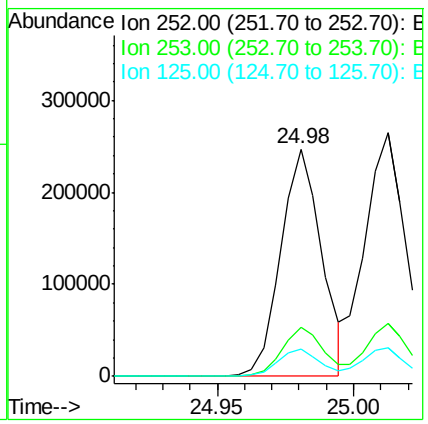


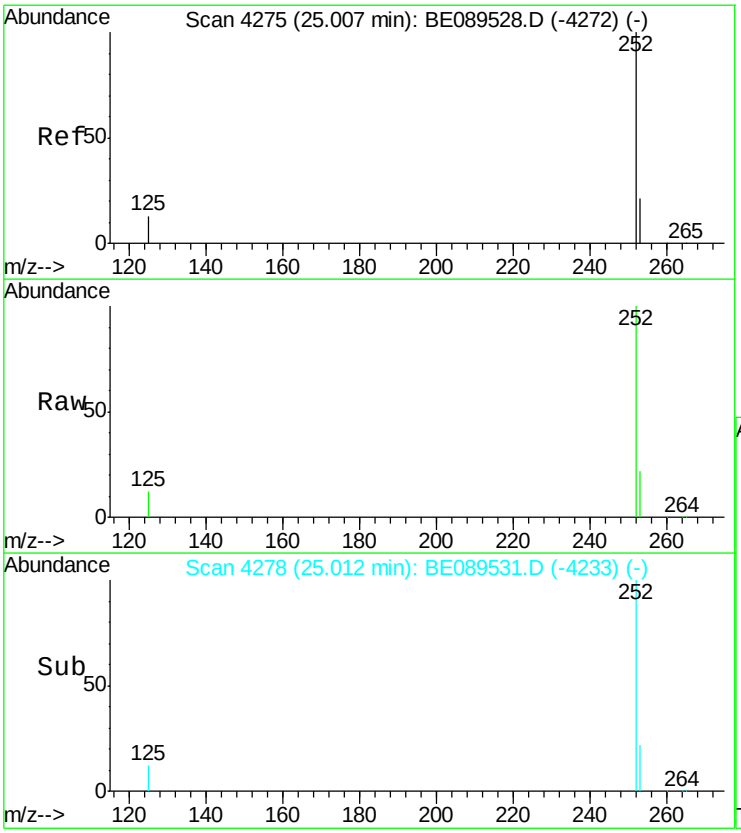
#23
Benzo(b)fluoranthene
Concen: 9.50 ng
RT: 24.98 min Scan# 4271
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:252 Resp: 257145

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	11.9	10.4	15.6

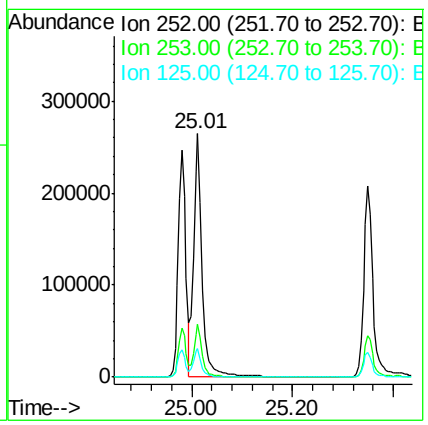


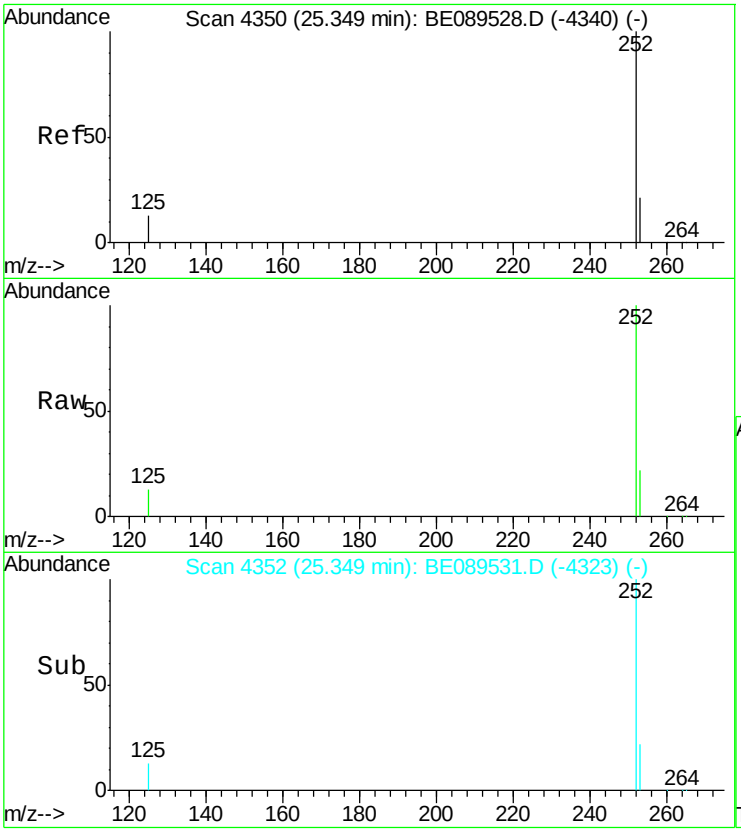


#24
Benzo(k)fluoranthene
Concen: 7.99 ng
RT: 25.01 min Scan# 4278
Delta R.T. 0.01 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Tgt Ion:252 Resp: 310609

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.7	10.6	15.8



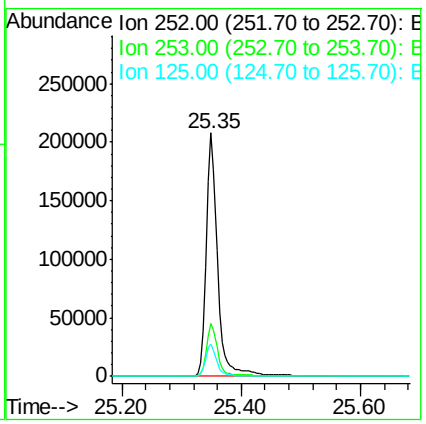


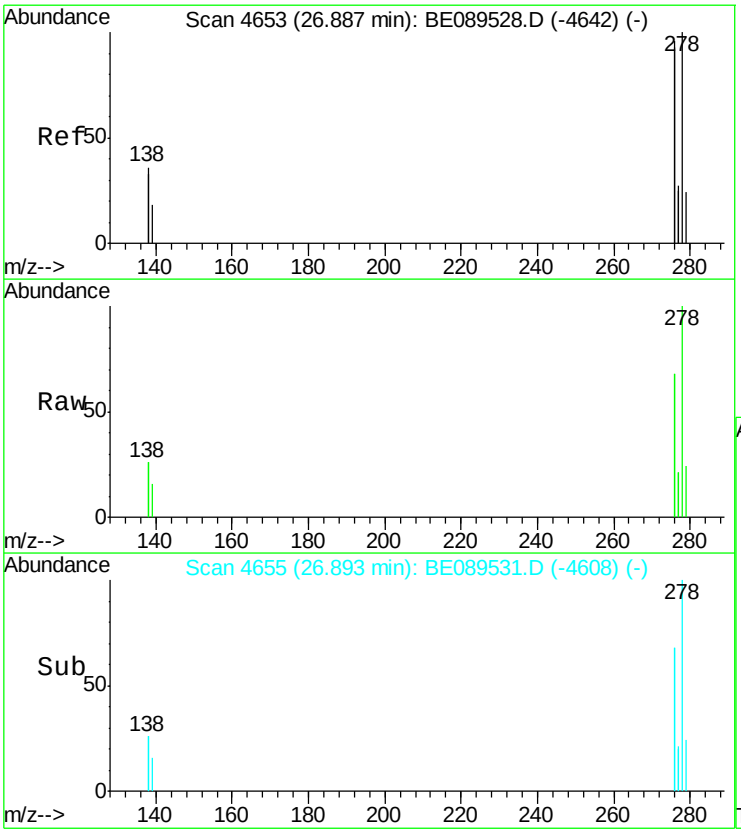
#25
Benzo(a)pyrene
Concen: 9.53 ng
RT: 25.35 min Scan# 4352
Delta R.T. 0.00 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:252 Resp: 270359

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	13.2	11.4	17.2

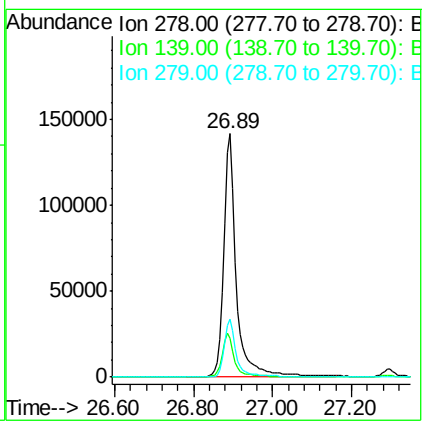


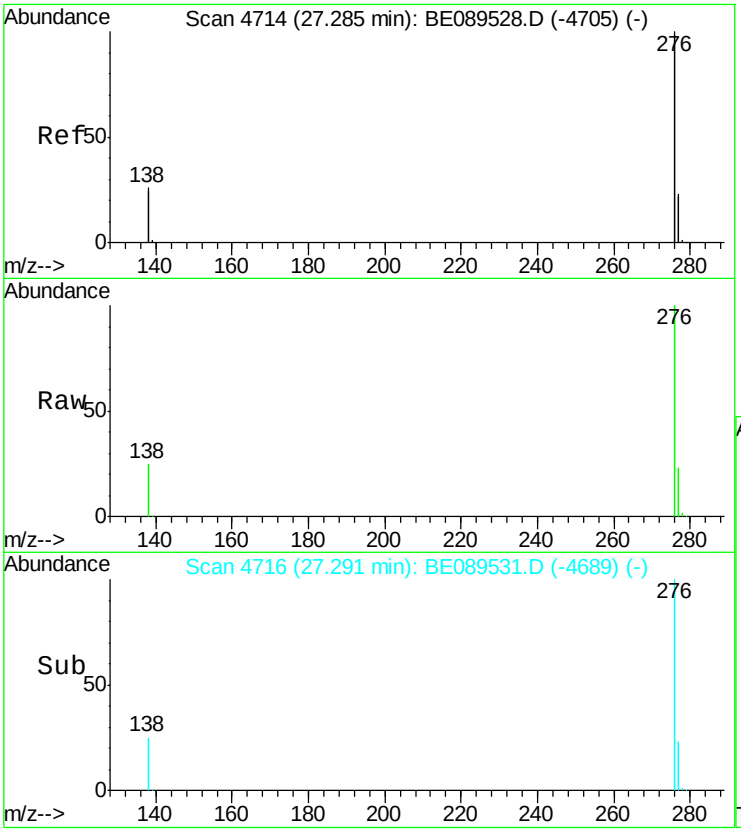


#26
Dibenzo(a,h)anthracene
Concen: 9.95 ng
RT: 26.89 min Scan# 4655
Delta R.T. 0.01 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Tgt Ion:278 Resp: 314371

Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.7	23.5
279	23.9	19.5	29.3





#27
Benzo(g,h,i)perylene
Concen: 9.14 ng
RT: 27.29 min Scan# 4716
Delta R.T. 0.01 min
Lab File: BE089531.D
Acq: 6 Feb 2015 17:09

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:276 Resp: 1208292

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	27.8
138	25.5	20.9	31.3