Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021015\
Data File : BE089555.D
Acq On : 10 Feb 2015 18:26
Operator : TP/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC0.8

Quant Time: Feb 11 01:18:52 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE021015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 11 01:08:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.41	152	39394	5.00	ng	0.00
2) Naphthalene-d8	12.32	136	143251	5.00	ng	0.00
6) Acenaphthene-d10	16.50	164	55187	5.00	ng	0.00
11) Phenanthrene-d10	19.84	188	106594	5.00	ng	0.00
16) Chrysene-d12	23.71	240	135285	5.00	ng	0.00
22) Perylene-d12	25.40	264	143494	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.68	82	7036	0.82	ng	0.00
7) 2-Fluorobiphenyl	14.95	172	11402	0.85	ng	0.00
18) Terphenyl-d14	22.35	244	13272	0.73	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	12.37	128	24702	0.80	ng	99
5) 2-Methylnaphthalene	14.03	142	13632	0.76	ng	98
8) Acenaphthylene	16.15	152	72393	0.84	ng	100
9) Acenaphthene	16.58	154	11240	0.82	ng	98
10) Fluorene	17.83	166	12352	0.83	ng	99
12) Pentachlorophenol	19.51	266	434	0.15	ng	96
13) Phenanthrene	19.88	178	19916	0.83	ng	99
14) Anthracene	19.98	178	17080	0.83	ng	99
15) Fluoranthene	21.78	202	19416	0.90	ng	100
17) Pyrene	22.10	202	21516	0.75	ng	99
19) Benzo(a)anthracene	23.70	228	87114	0.82	ng	99
20) Chrysene	23.74	228	97611	0.84	ng	99
21) Indeno(1,2,3-cd)pyrene	26.84	276	101727	1.04	ng	99
23) Benzo(b)fluoranthene	24.97	252	17260	0.81	ng	99
24) Benzo(k)fluoranthene	25.00	252	28075	0.83	ng	99
25) Benzo(a)pyrene	25.33	252	17379	0.80	ng	99
26) Dibenzo(a,h)anthracene	26.86	278	21219	0.95	ng	97
27) Benzo(g,h,i)perylene	27.26	276	91174	0.91	ng	98

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021015\
Data File : BE089555.D
Acq On : 10 Feb 2015 18:26
Operator : TP/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Quant Time: Feb 11 01:18:52 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE021015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 11 01:08:43 2015
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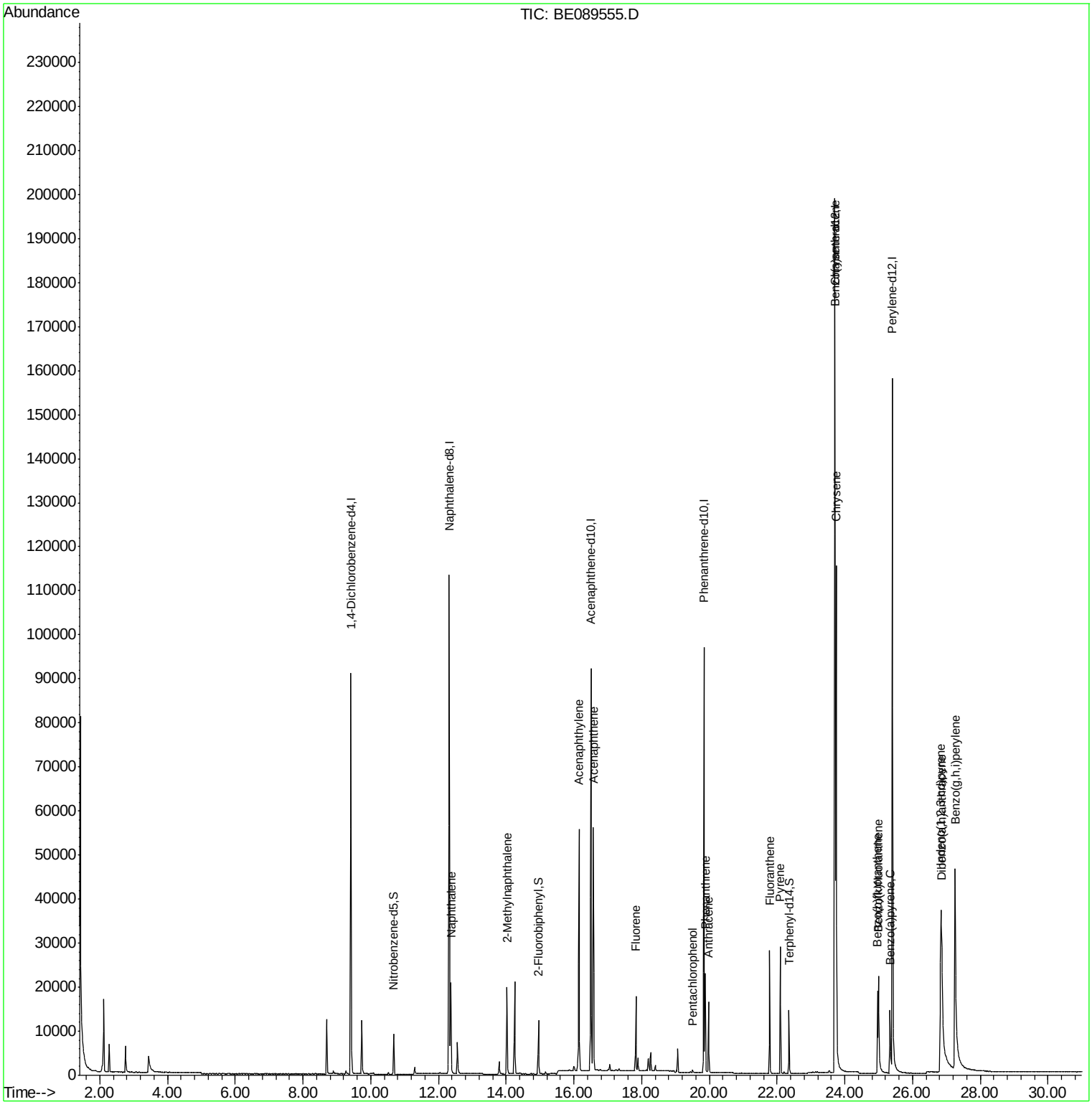
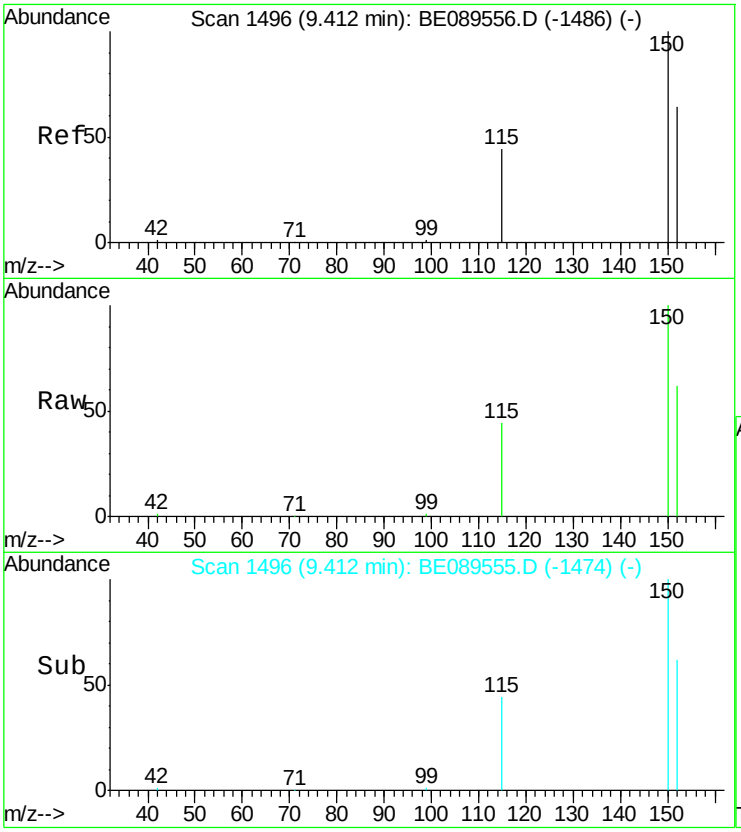


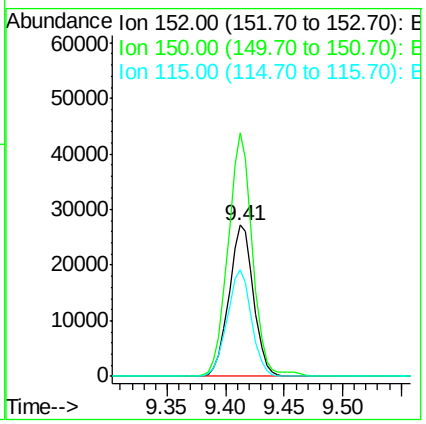


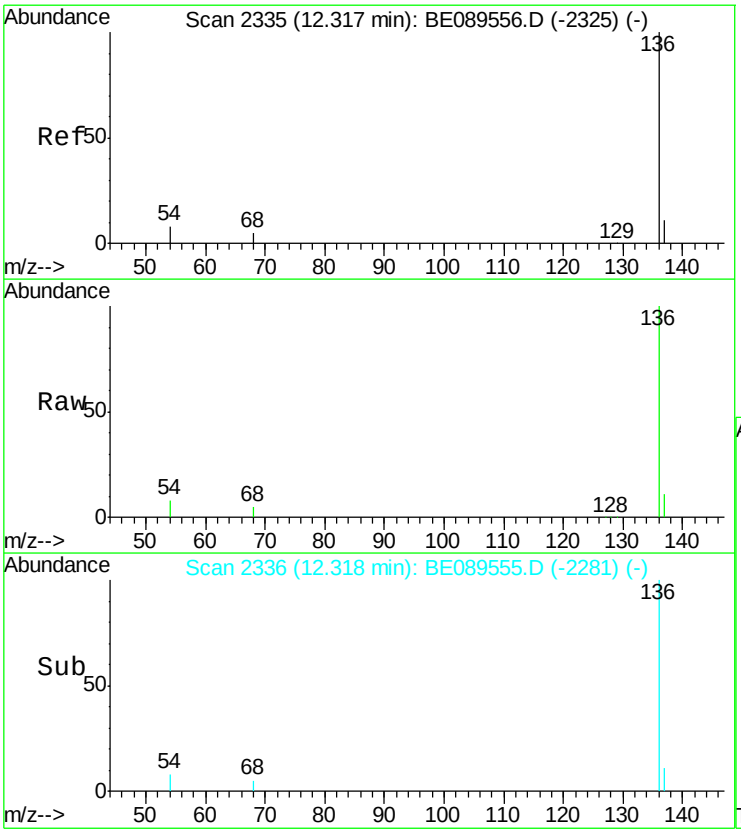
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.41 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 39394

Ion	Ratio	Lower	Upper
152	100		
150	160.8	125.6	188.4
115	70.9	55.8	83.6

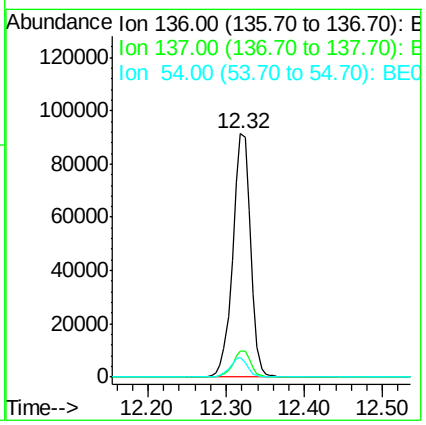


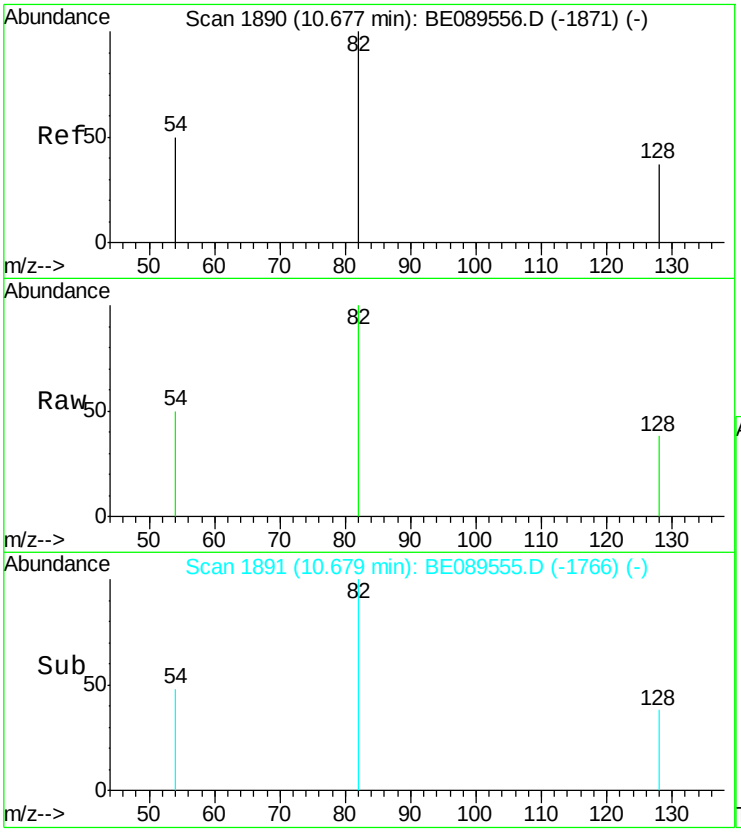


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.32 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Tgt Ion:136 Resp: 143251

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.0	6.6	9.8



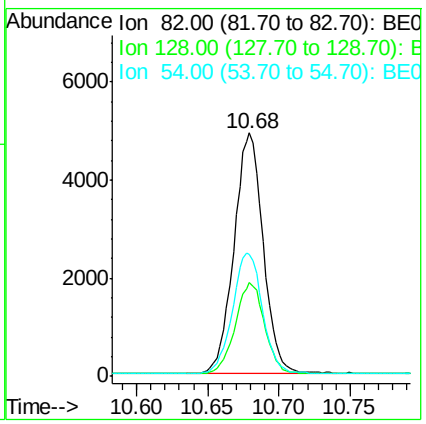


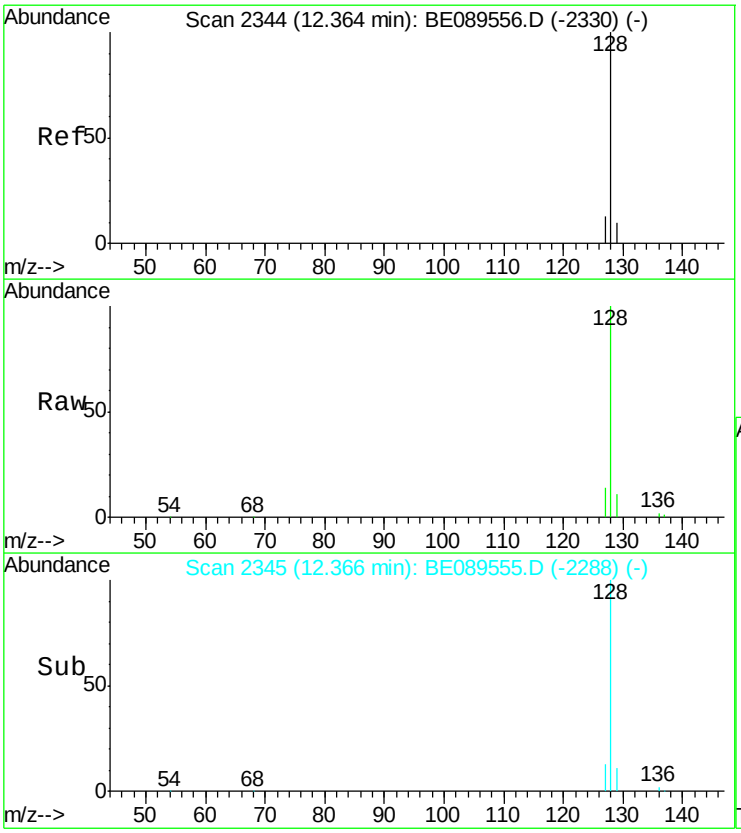
#3
Nitrobenzene-d5
Concen: 0.82 ng
RT: 10.68 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Tgt Ion: 82 Resp: 7036

Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.4	45.6
54	50.4	40.7	61.1

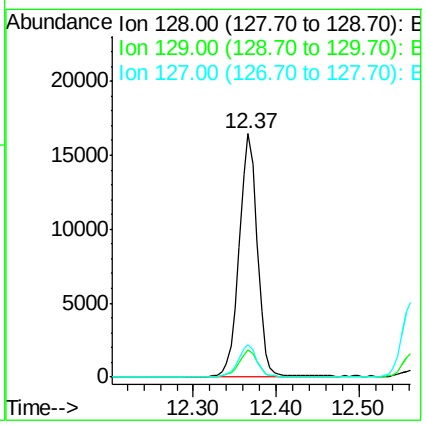


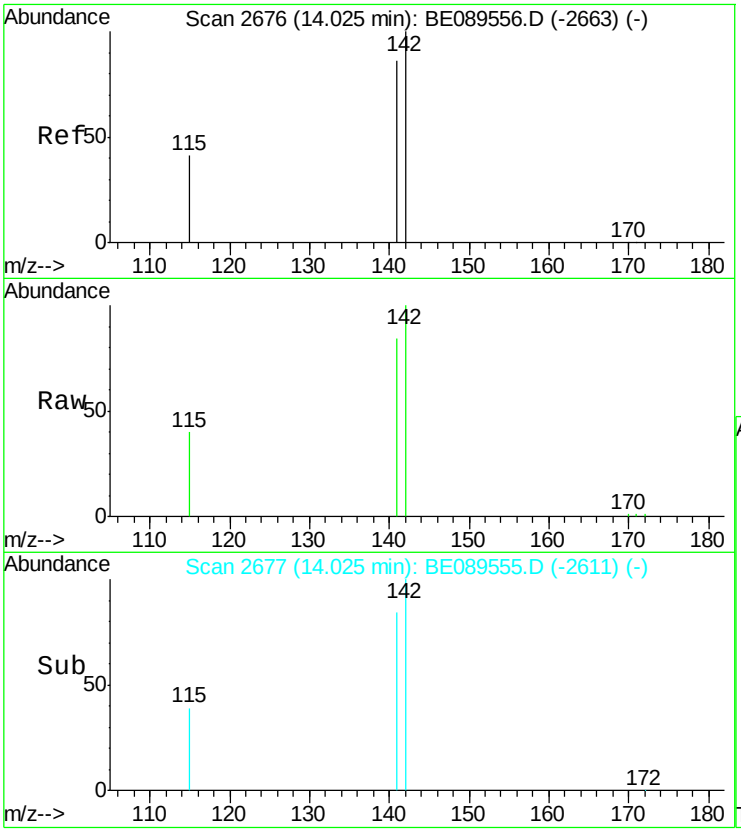


#4
Naphthalene
Concen: 0.80 ng
RT: 12.37 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Tgt Ion:128 Resp: 24702

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.5	10.6	15.8



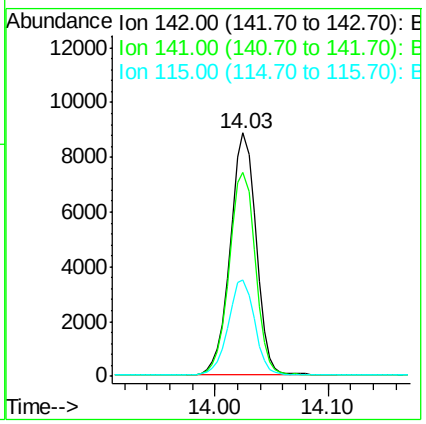


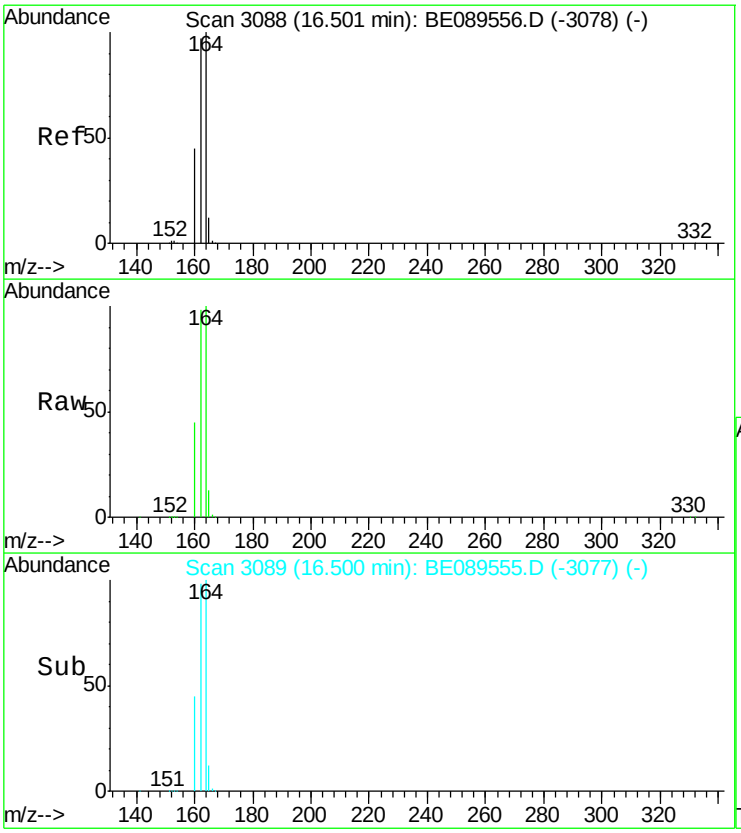
#5
2-Methylnaphthalene
Concen: 0.76 ng
RT: 14.03 min Scan# 2677
Delta R.T. 0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Tgt Ion:142 Resp: 13632

Ion	Ratio	Lower	Upper
142	100		
141	83.8	68.6	102.8
115	39.6	33.0	49.6

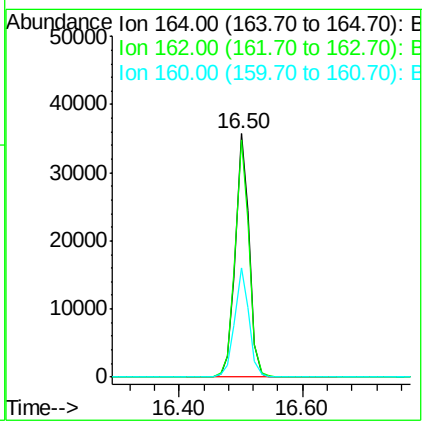


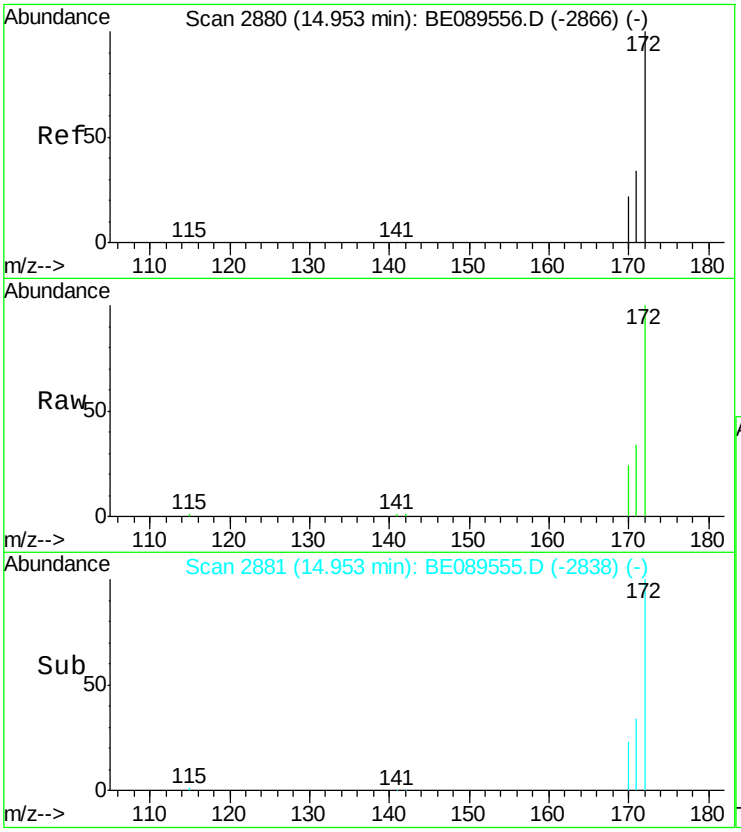


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.50 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Tgt Ion:164 Resp: 55187

Ion	Ratio	Lower	Upper
164	100		
162	97.6	77.8	116.6
160	44.7	36.2	54.2



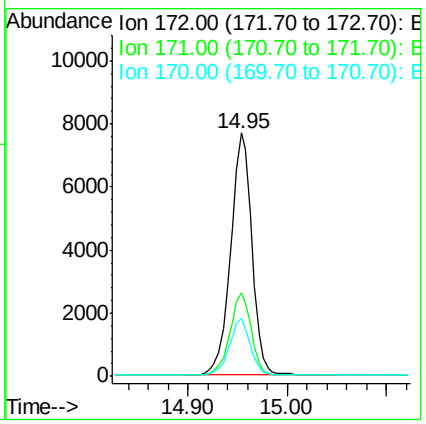


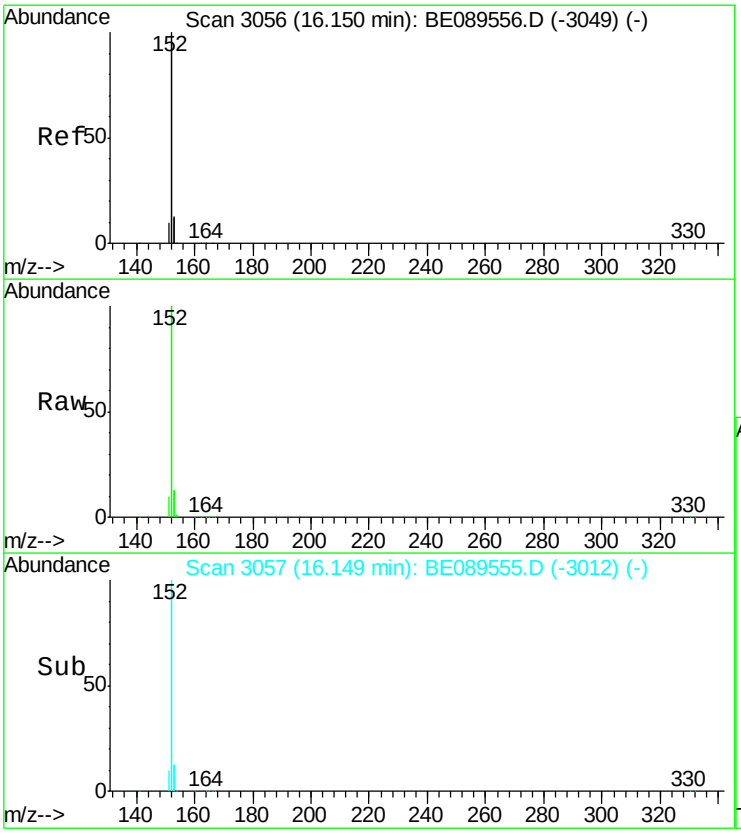
#7
2-Fluorobiphenyl
Concen: 0.85 ng
RT: 14.95 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 11402

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.0
170	23.7	18.3	27.5

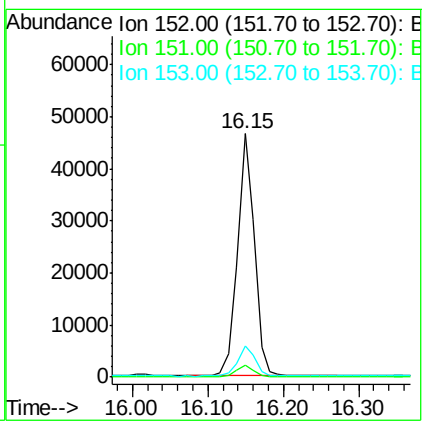


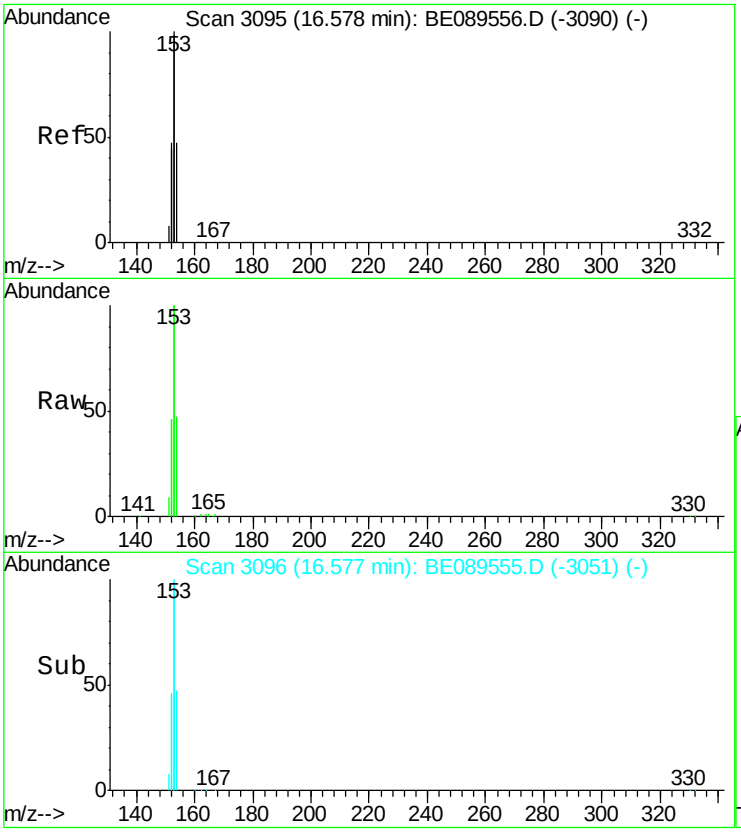


#8
Acenaphthylene
Concen: 0.84 ng
RT: 16.15 min Scan# 3057
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Tgt Ion:152 Resp: 72393

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	12.9	10.4	15.6



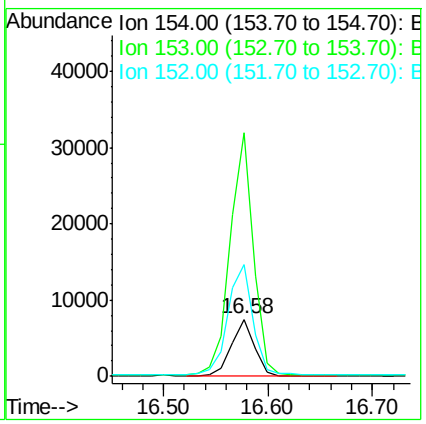


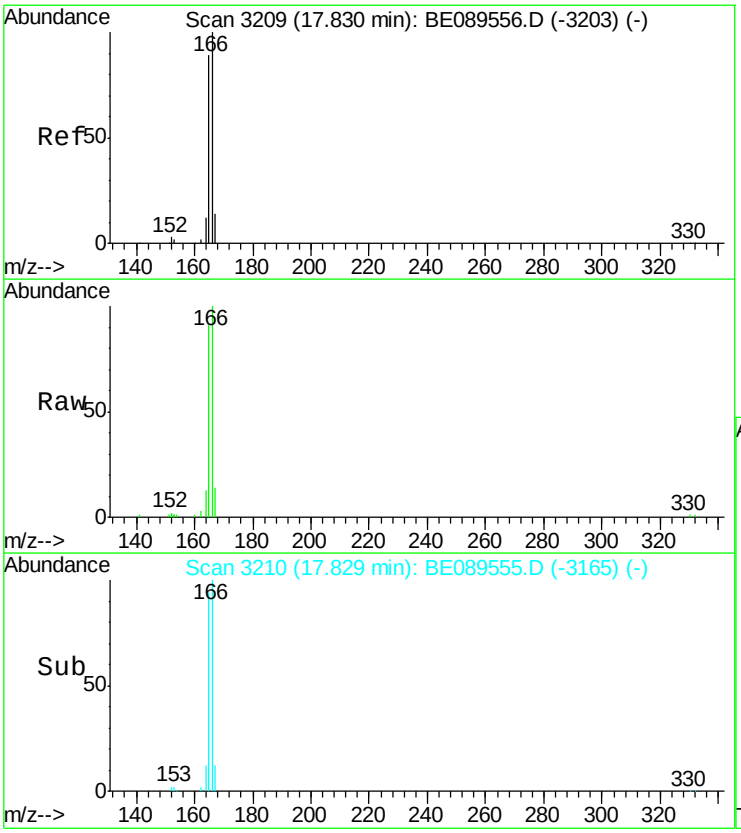
#9
Acenaphthene
Concen: 0.82 ng
RT: 16.58 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 11240

Ion	Ratio	Lower	Upper
154	100		
153	433.3	349.0	523.4
152	210.3	173.0	259.4

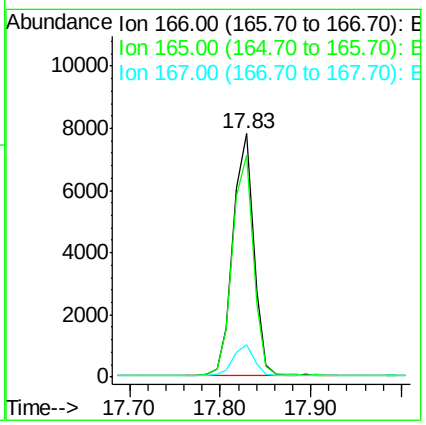


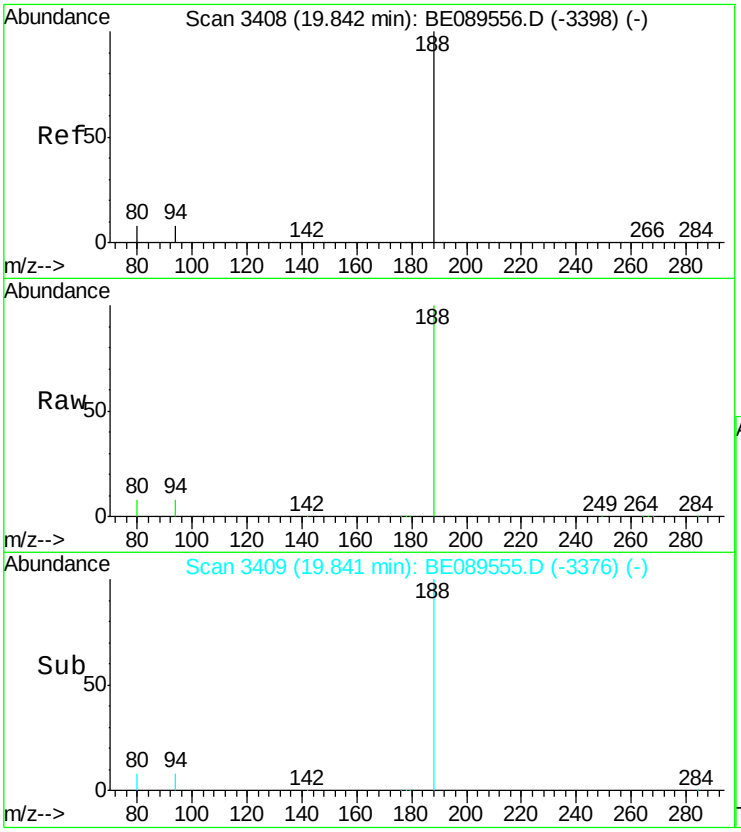


#10
Fluorene
Concen: 0.83 ng
RT: 17.83 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Tgt Ion:166 Resp: 12352

Ion	Ratio	Lower	Upper
166	100		
165	92.3	75.1	112.7
167	13.2	10.6	16.0



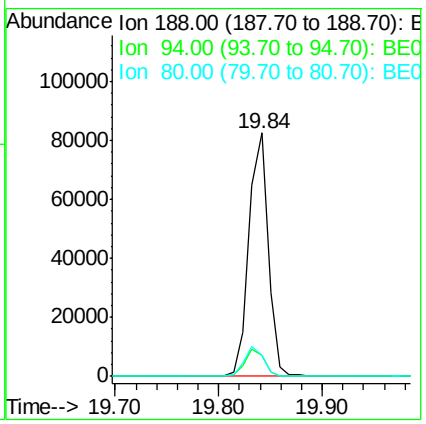


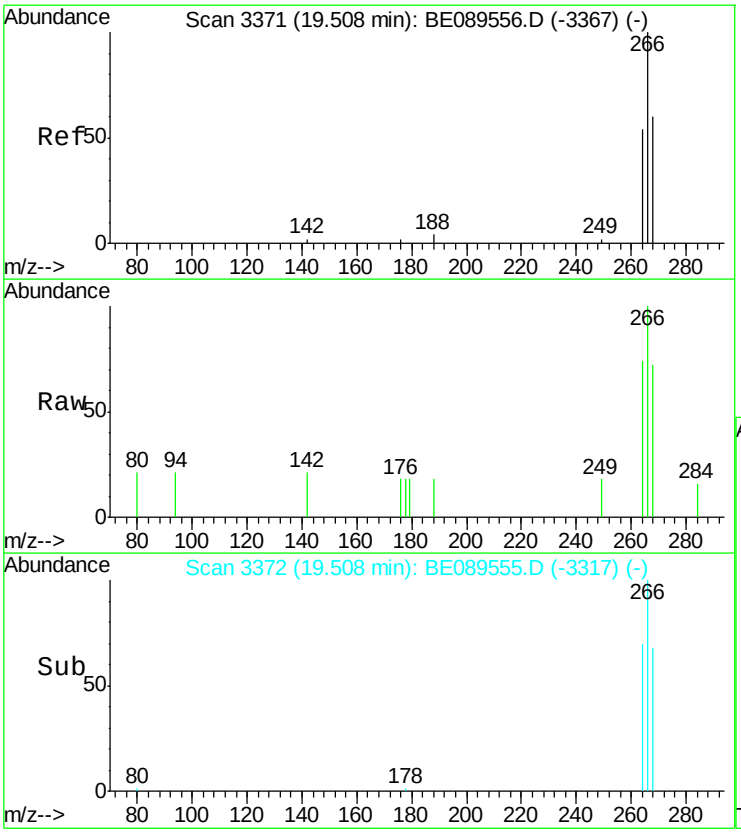
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.84 min Scan# 3409
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 106594

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.2	9.2
80	8.5	6.4	9.6

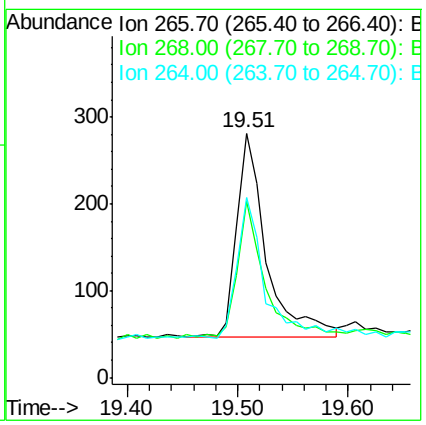


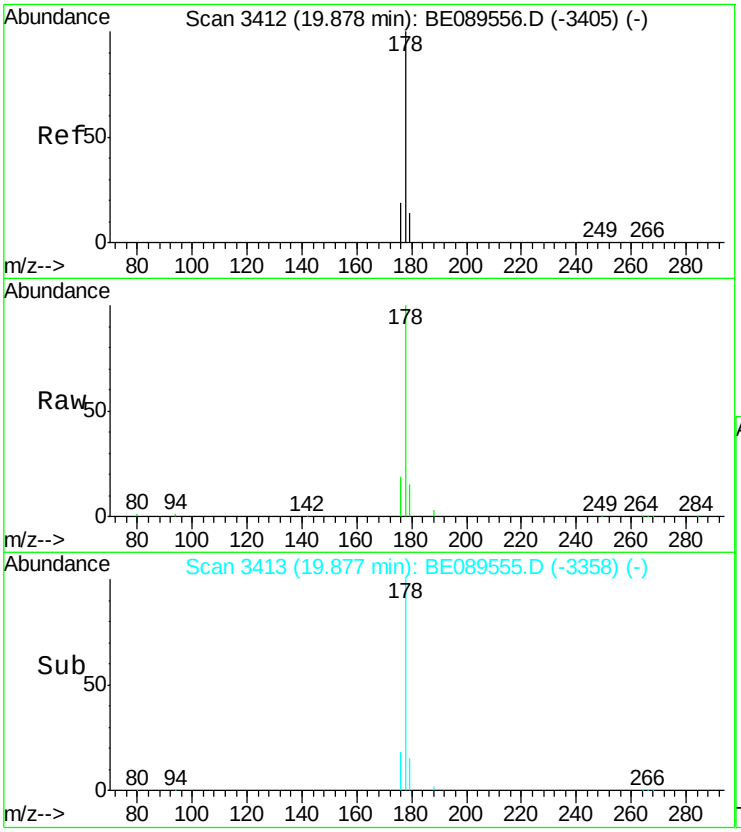


#12
Pentachlorophenol
Concen: 0.15 ng
RT: 19.51 min Scan# 3372
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Tgt Ion:266 Resp: 434

Ion	Ratio	Lower	Upper
266	100		
268	72.2	57.9	86.9
264	74.0	54.6	81.8



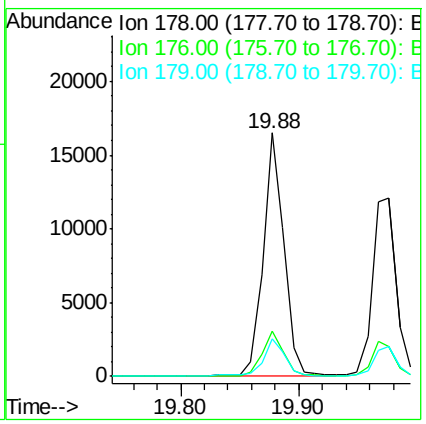


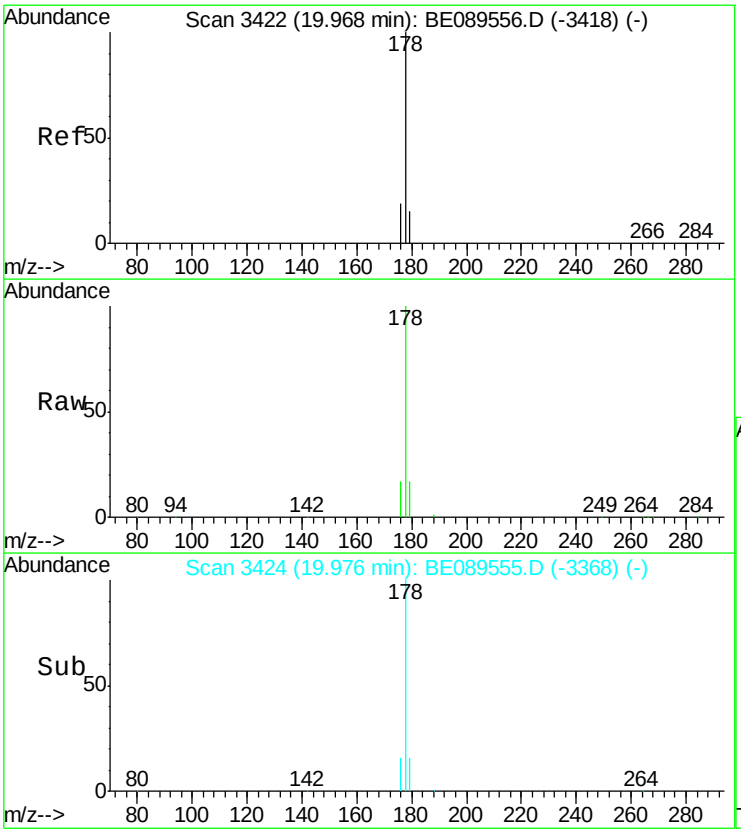
#13
Phenanthrene
Concen: 0.83 ng
RT: 19.88 min Scan# 3413
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 19916

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.7	12.1	18.1

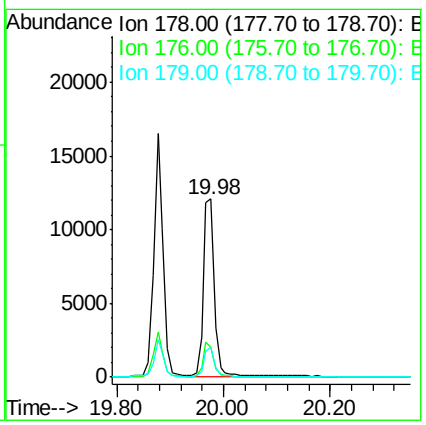


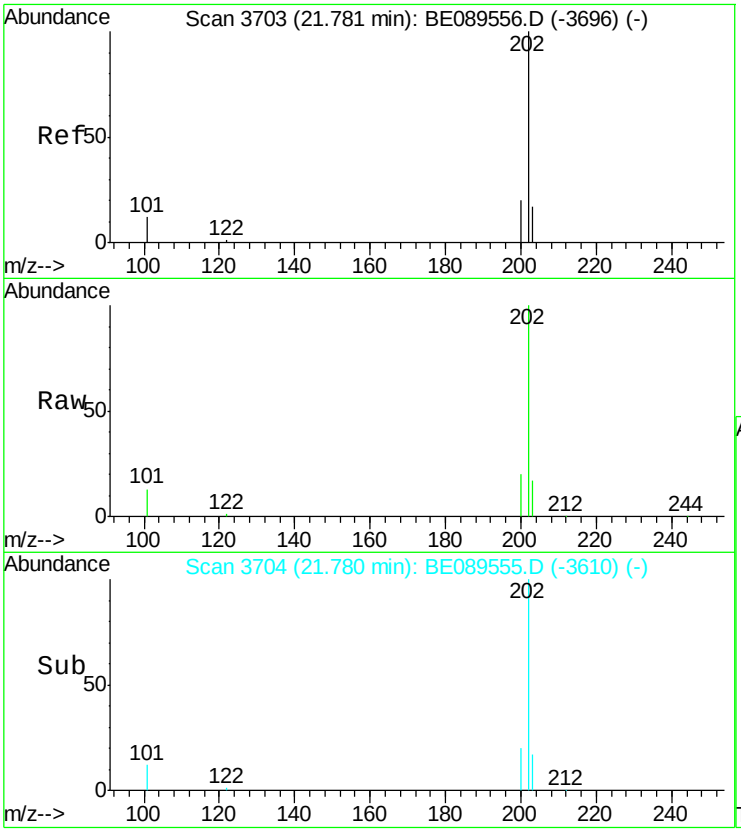


#14
Anthracene
Concen: 0.83 ng
RT: 19.98 min Scan# 3424
Delta R.T. 0.01 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Tgt Ion:178 Resp: 17080

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	21.8
179	15.6	12.7	19.1



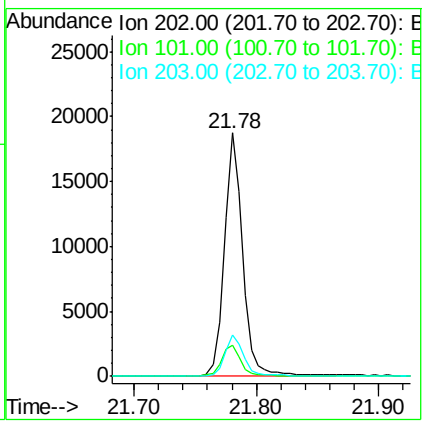


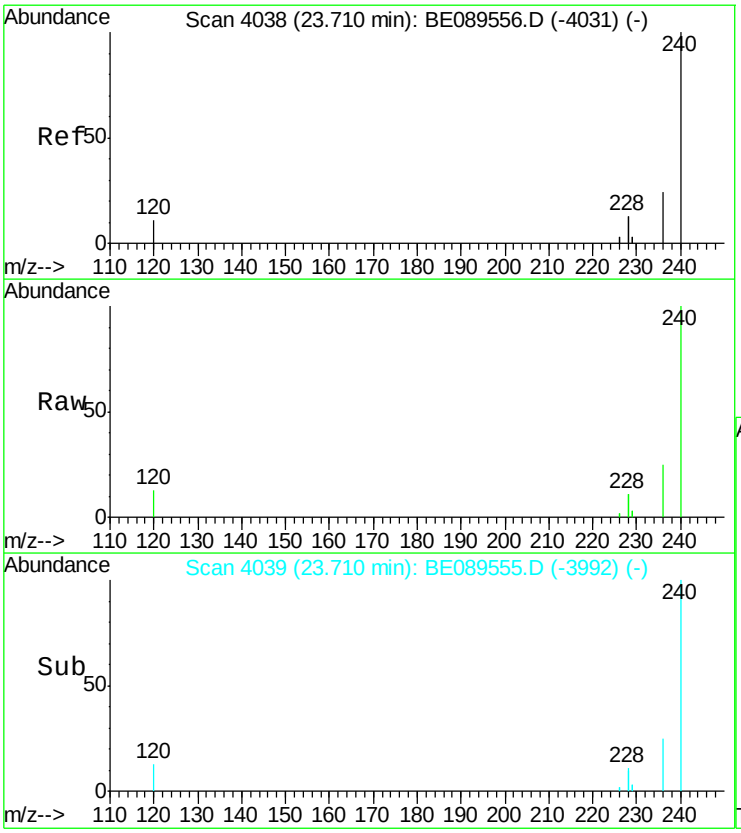
#15
Fluoranthene
Concen: 0.90 ng
RT: 21.78 min Scan# 3704
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 19416

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.4	15.6
203	17.0	13.6	20.4

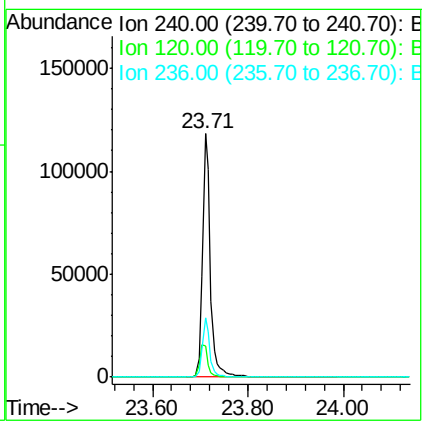


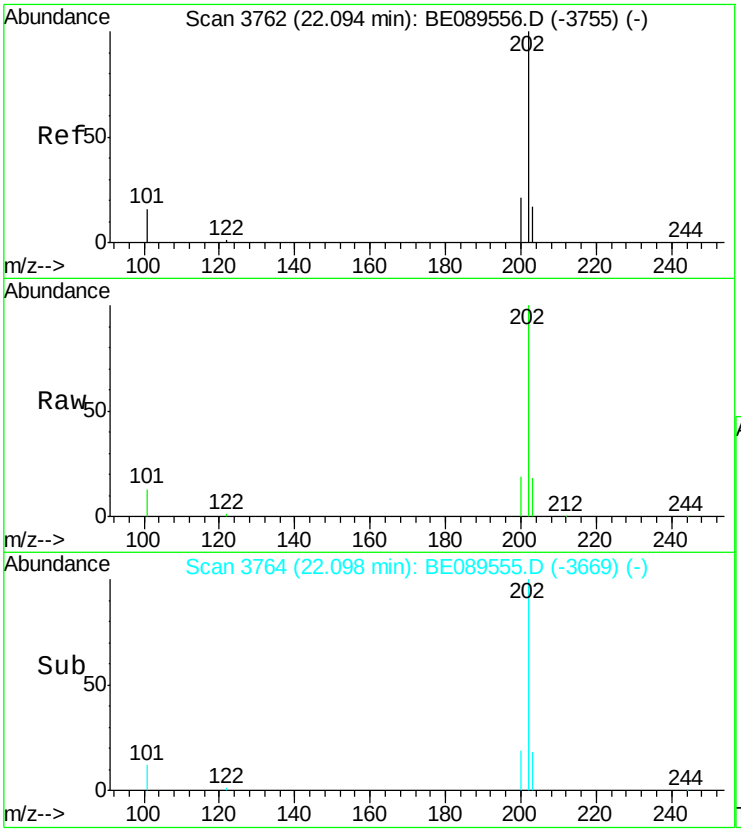


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 4039
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Tgt Ion:240 Resp: 135285

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.3	13.9
236	24.6	19.3	28.9



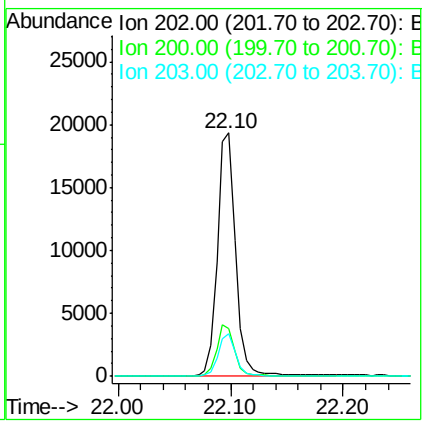


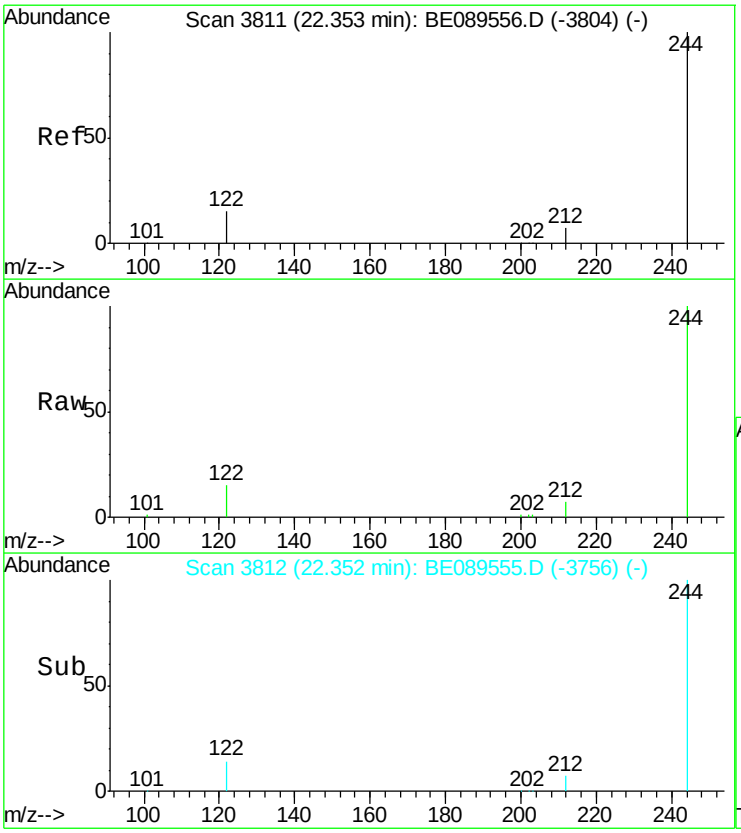
#17
Pyrene
Concen: 0.75 ng
RT: 22.10 min Scan# 3764
Delta R.T. 0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 21516

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	16.8	14.2	21.2

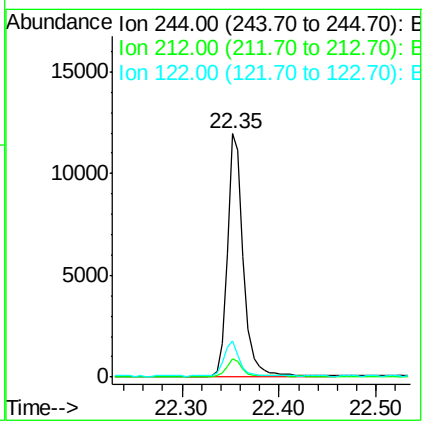


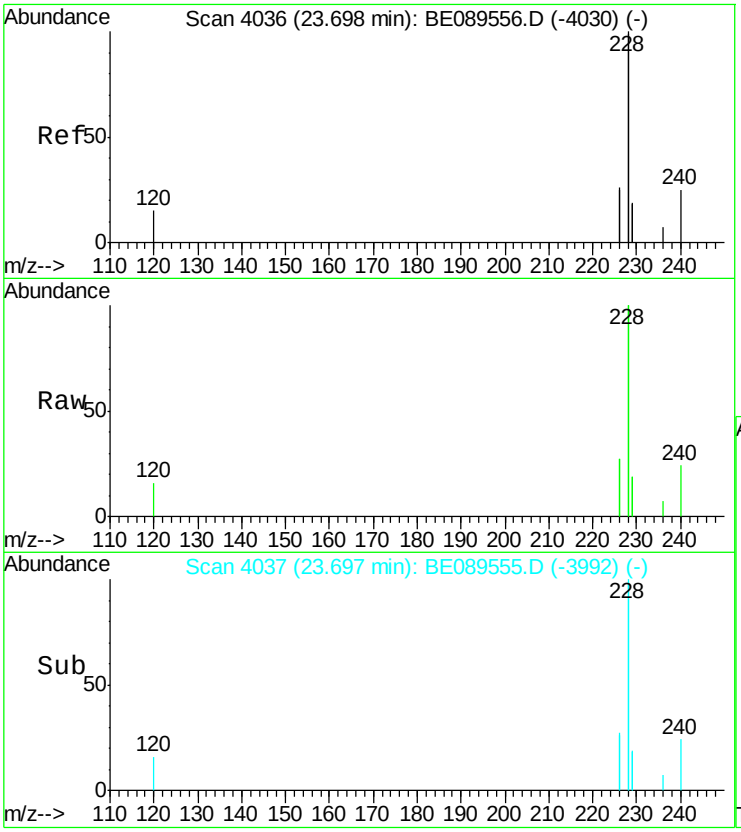


#18
Terphenyl-d14
Concen: 0.73 ng
RT: 22.35 min Scan# 3812
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Tgt Ion:244 Resp: 13272

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	14.7	12.2	18.2



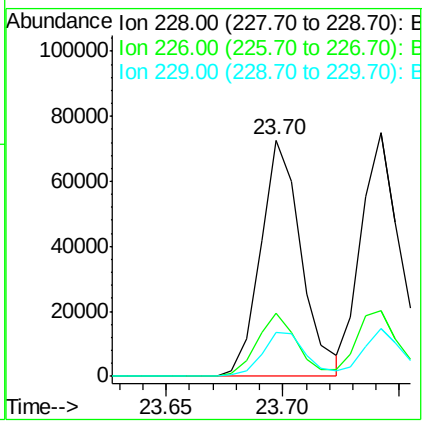


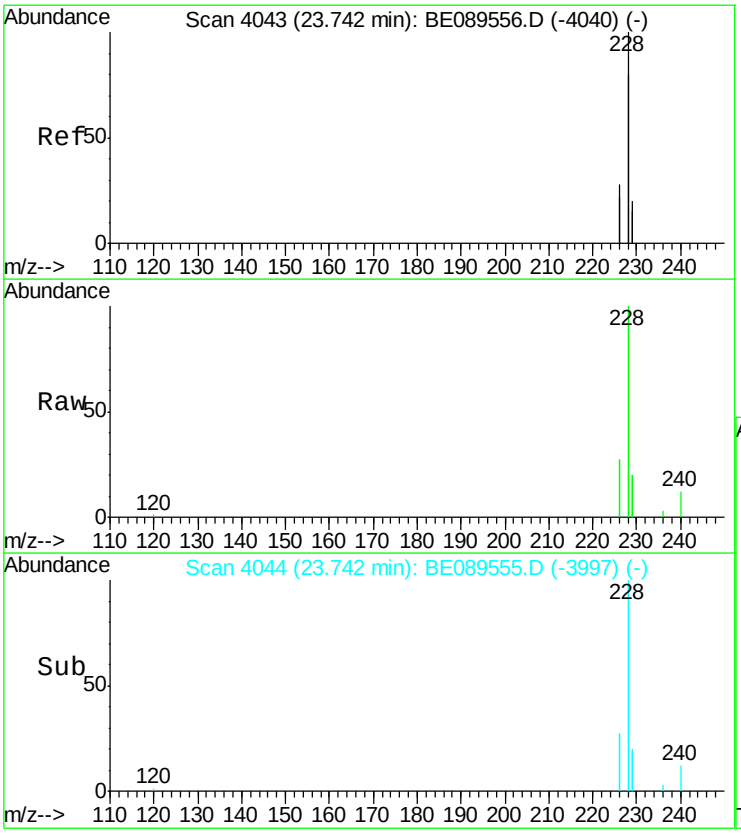
#19
Benzo(a)anthracene
Concen: 0.82 ng
RT: 23.70 min Scan# 4037
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 87114

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.0	31.4
229	18.6	15.2	22.8

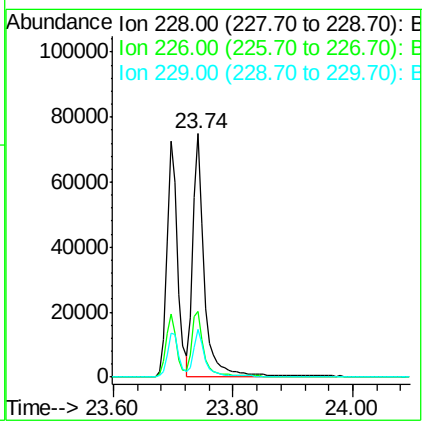


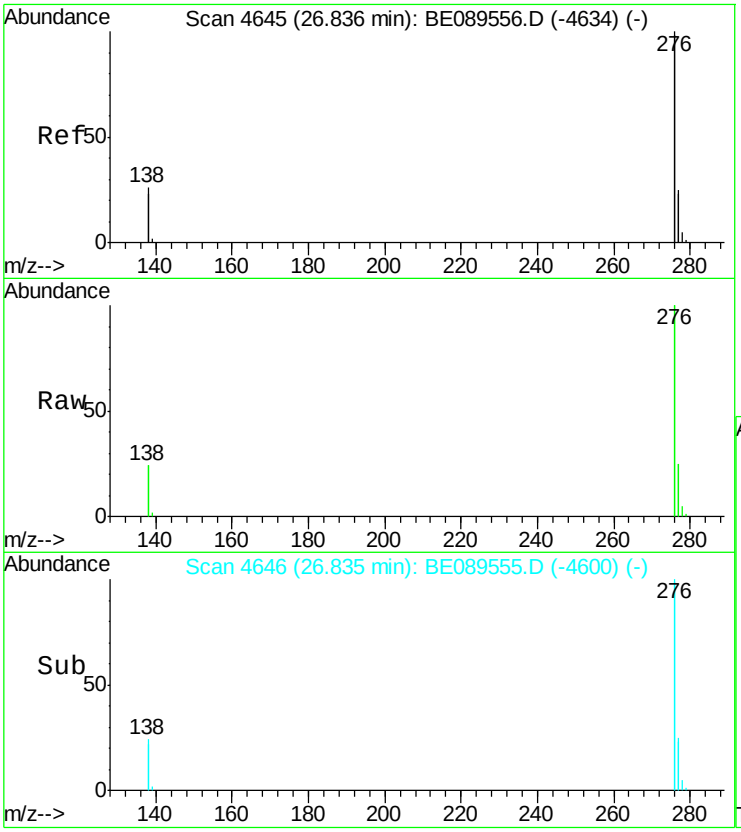


#20
Chrysene
Concen: 0.84 ng
RT: 23.74 min Scan# 4044
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Tgt Ion:228 Resp: 97611

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	34.0
229	19.5	15.6	23.4



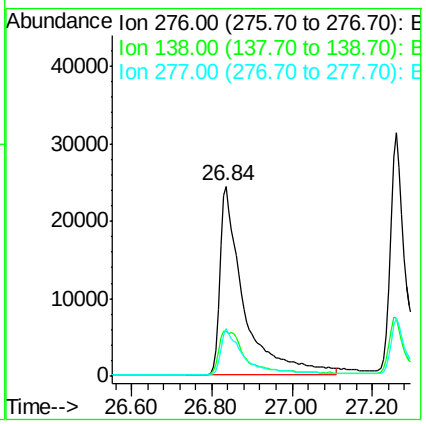


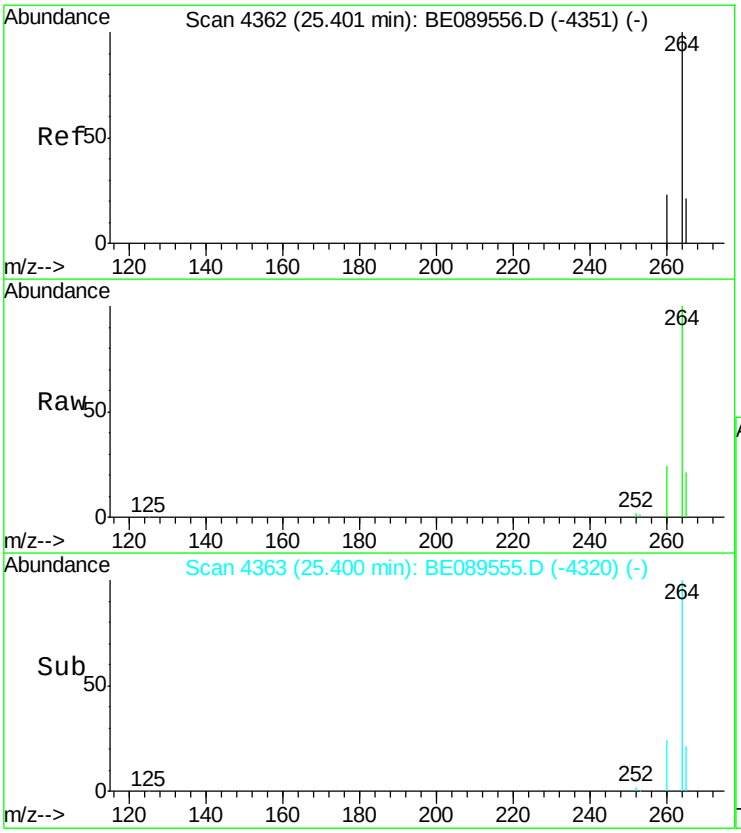
#21
Indeno(1,2,3-cd)pyrene
Concen: 1.04 ng
RT: 26.84 min Scan# 4646
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 101727

Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.2	30.4
277	23.5	19.6	29.4

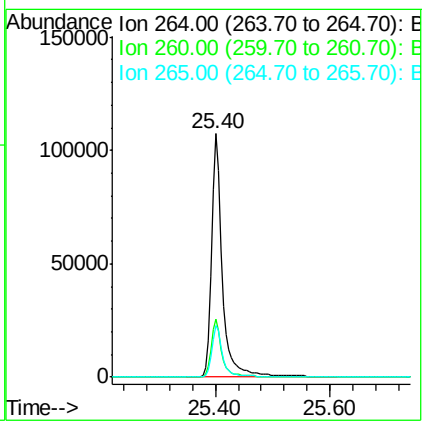


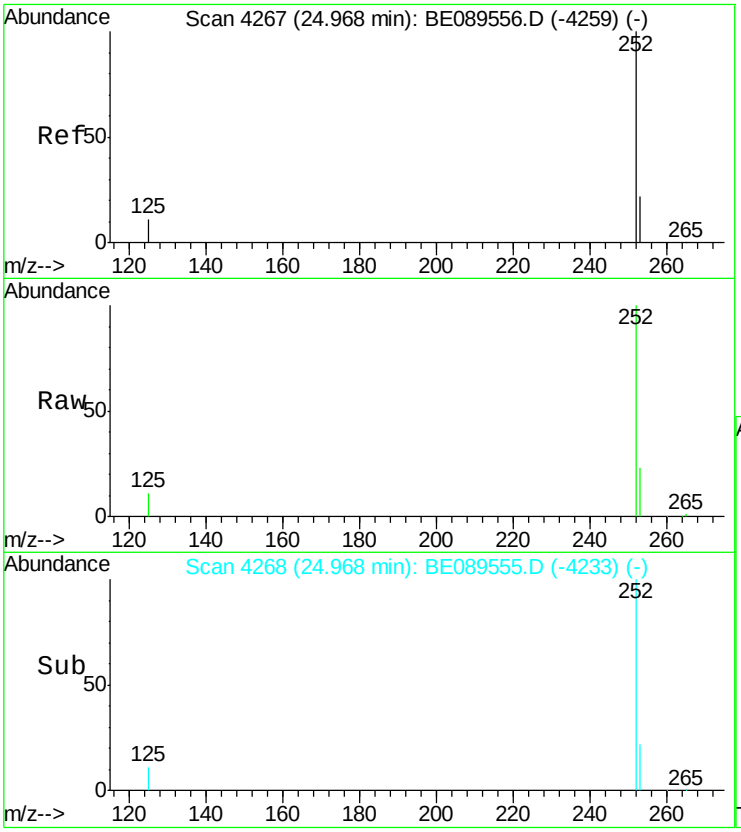


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.40 min Scan# 4363
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Tgt Ion:264 Resp: 143494

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.0	16.8	25.2



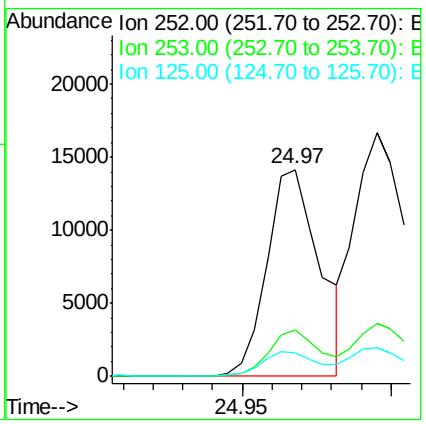


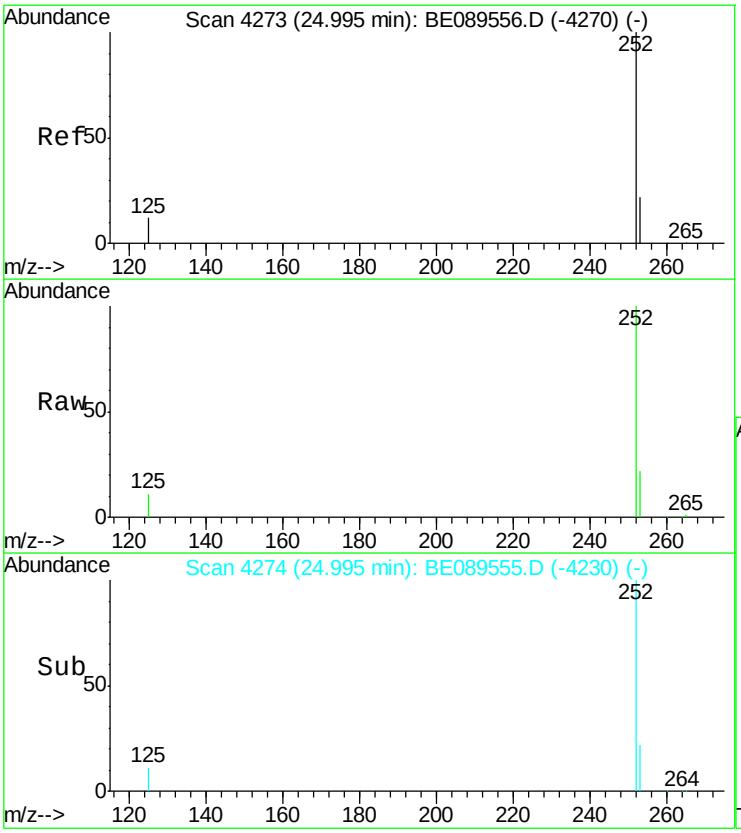
#23
Benzo(b)fluoranthene
Concen: 0.81 ng
RT: 24.97 min Scan# 4268
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 17260

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.1	9.3	13.9

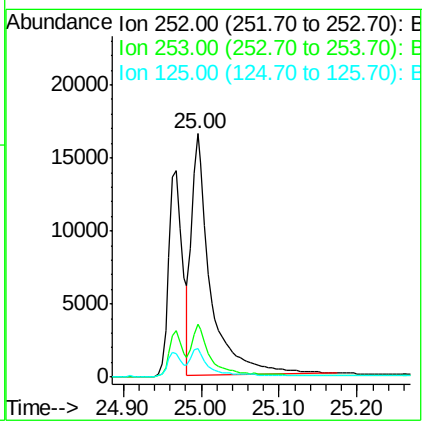


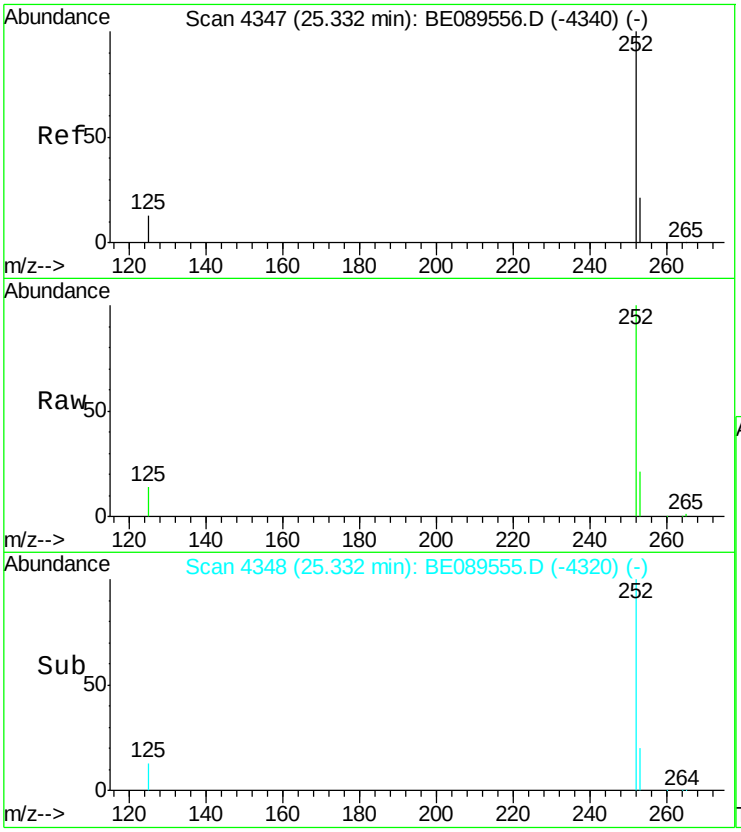


#24
Benzo(k)fluoranthene
Concen: 0.83 ng
RT: 25.00 min Scan# 4274
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Tgt Ion:252 Resp: 28075

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.5	9.6	14.4



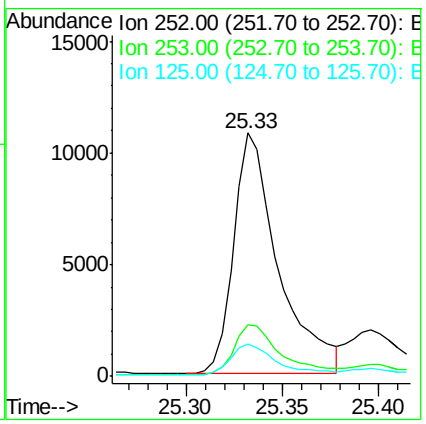


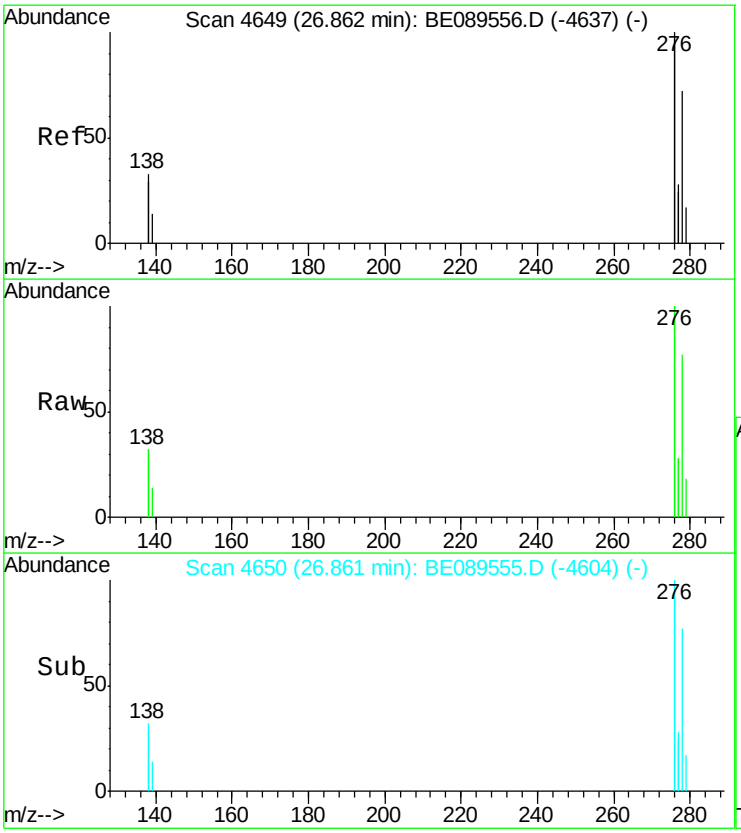
#25
Benzo(a)pyrene
Concen: 0.80 ng
RT: 25.33 min Scan# 4348
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 17379

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.4	26.0
125	13.5	11.1	16.7

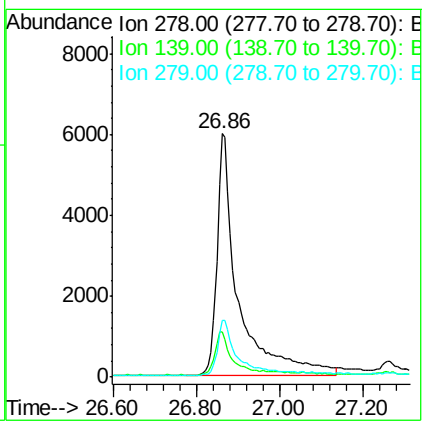


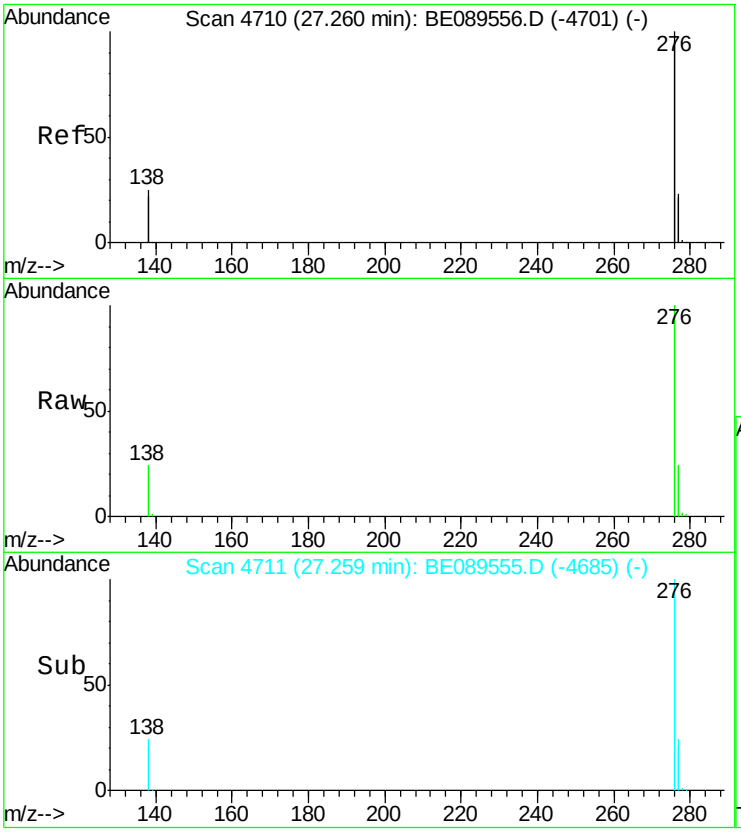


#26
Dibenzo(a,h)anthracene
Concen: 0.95 ng
RT: 26.86 min Scan# 4650
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Tgt Ion:278 Resp: 21219

Ion	Ratio	Lower	Upper
278	100		
139	18.6	16.1	24.1
279	23.3	19.6	29.4





#27
Benzo(g,h,i)perylene
Concen: 0.91 ng
RT: 27.26 min Scan# 4711
Delta R.T. -0.00 min
Lab File: BE089555.D
Acq: 10 Feb 2015 18:26

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 91174

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	23.7	19.7	29.5