Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021015\
Data File : BE089554.D
Acq On : 10 Feb 2015 17:47
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC0.5

Quant Time: Feb 11 01:18:29 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	9.42	152	33622	5.00	ng	0.00
2) Naphthalene-d8	12.32	136	124058	5.00	ng	0.00
6) Acenaphthene-d10	16.50	164	49611	5.00	ng	0.00
11) Phenanthrene-d10	19.84	188	96242	5.00	ng	0.00
16) Chrysene-d12	23.71	240	119087	5.00	ng	0.00
22) Perylene-d12	25.40	264	125029	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.68	82	3707	0.50	ng	0.00
7) 2-Fluorobiphenyl	14.95	172	6515	0.54	ng	0.00
18) Terphenyl-d14	22.35	244	7872	0.49	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	12.37	128	13849	0.52	ng	98
5) 2-Methylnaphthalene	14.03	142	7654	0.49	ng	99
8) Acenaphthylene	16.15	152	40339	0.52	ng	100
9) Acenaphthene	16.58	154	6607	0.54	ng	97
10) Fluorene	17.83	166	7190	0.54	ng	97
12) Pentachlorophenol	19.51	266	249	0.10	ng	96
13) Phenanthrene	19.88	178	11790	0.54	ng	99
14) Anthracene	19.98	178	9772	0.52	ng	99
15) Fluoranthene	21.78	202	11394	0.59	ng	99
17) Pyrene	22.09	202	12160	0.48	ng	99
19) Benzo(a)anthracene	23.70	228	50111	0.53	ng	99
20) Chrysene	23.74	228	55904	0.55	ng	98
21) Indeno(1,2,3-cd)pyrene	26.84	276	51545	0.60	ng	98
23) Benzo(b)fluoranthene	24.97	252	8823	0.48	ng	99
24) Benzo(k)fluoranthene	25.00	252	15731	0.53	ng	99
25) Benzo(a)pyrene	25.33	252	9092	0.48	ng	98
26) Dibenzo(a,h)anthracene	26.86	278	10482	0.54	ng	98
27) Benzo(g,h,i)perylene	27.26	276	46694	0.53	ng	99

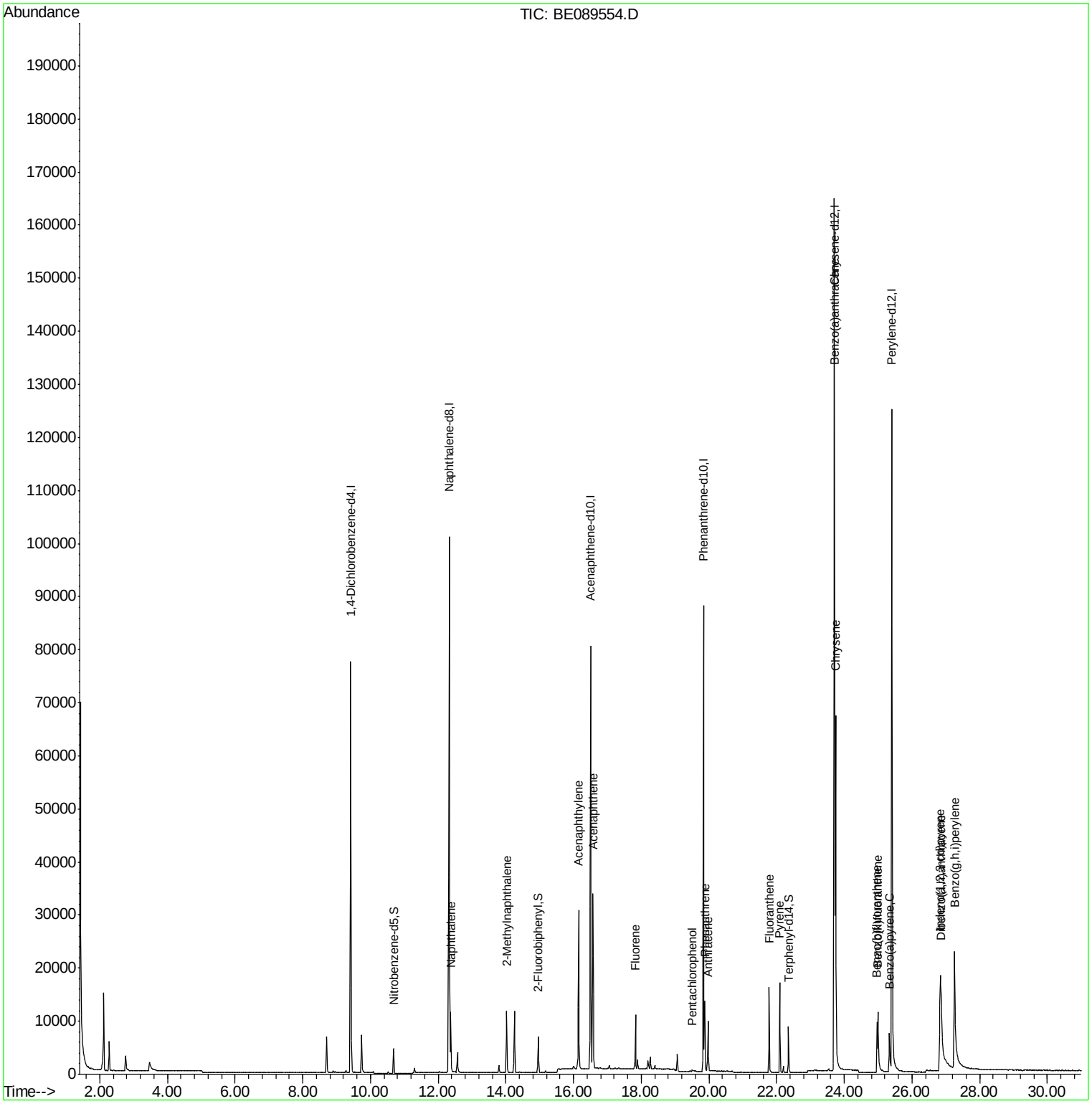
(#) = qualifier out of range (m) = manual integration (+) = signals summed

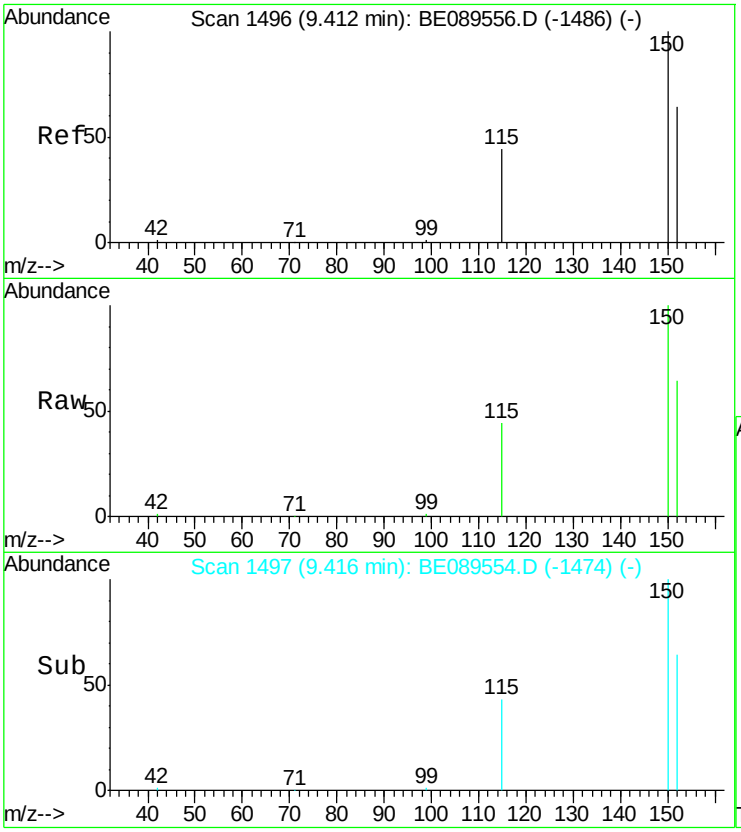
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021015\
Data File : BE089554.D
Acq On : 10 Feb 2015 17:47
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Quant Time: Feb 11 01:18:29 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



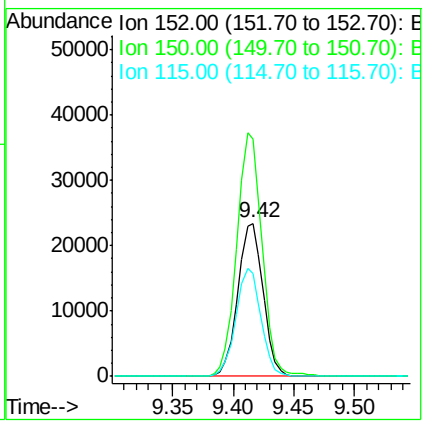


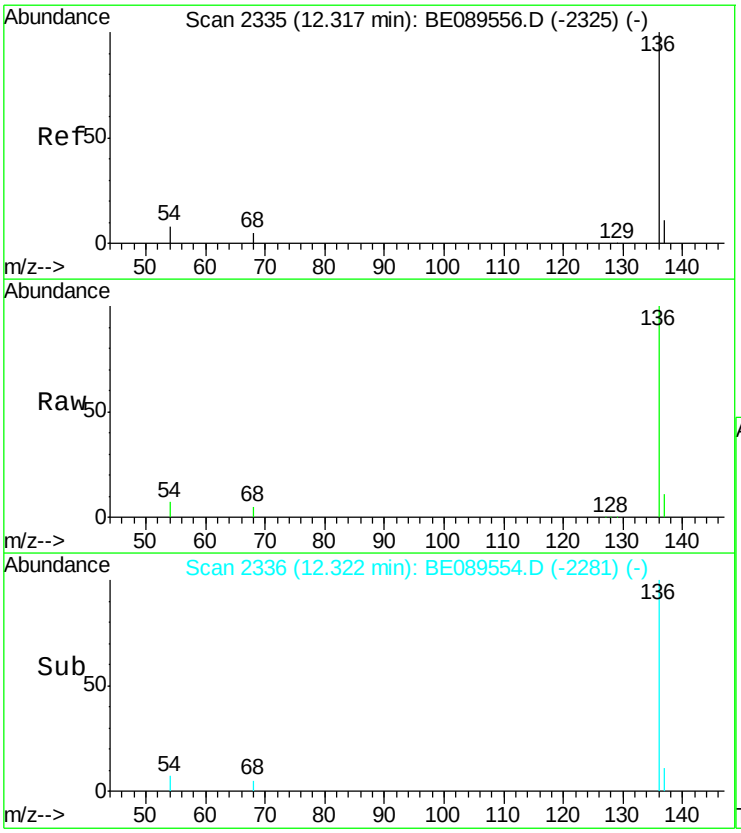
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.42 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 33622

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.6	188.4
115	67.6	55.8	83.6

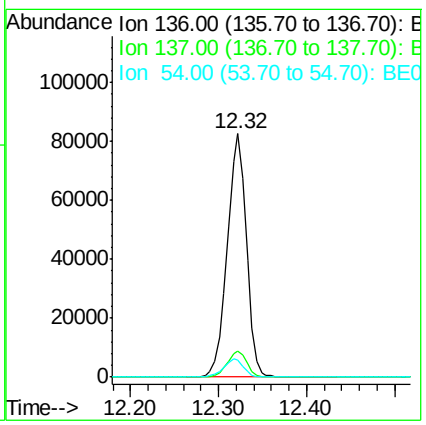


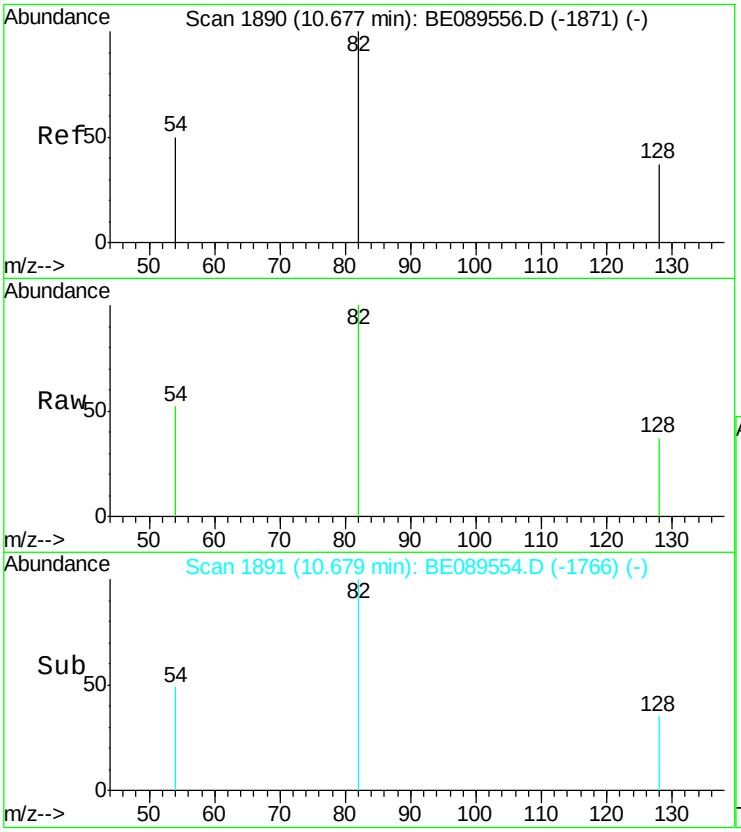


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.32 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Tgt Ion:136 Resp: 124058

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.1	6.6	9.8



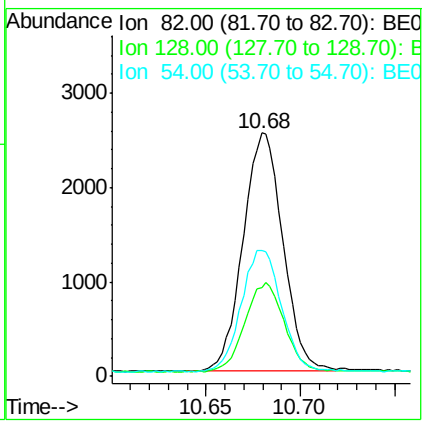


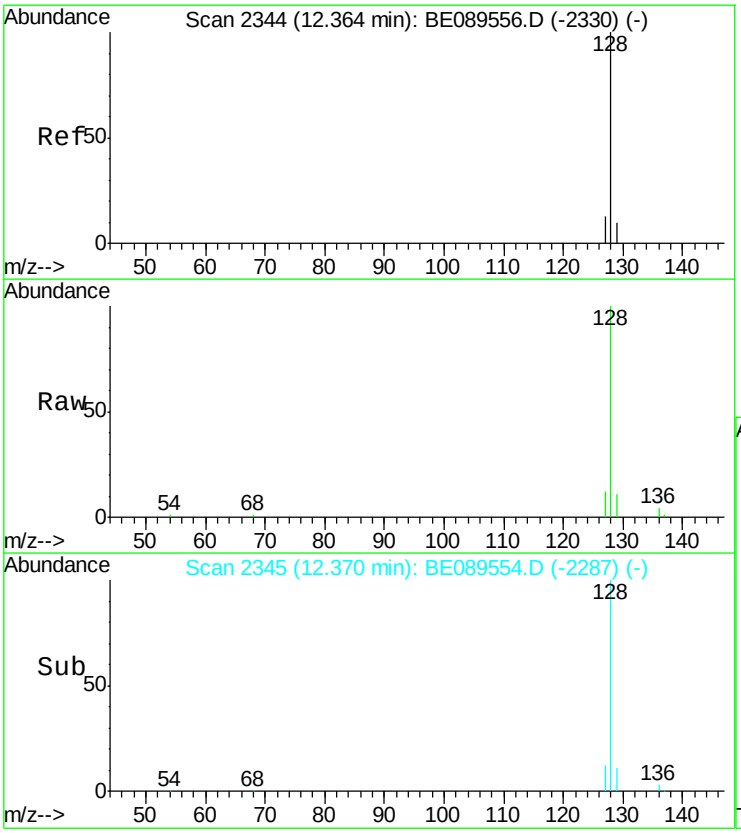
#3
Nitrobenzene-d5
Concen: 0.50 ng
RT: 10.68 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion: 82 Resp: 3707

Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.4	45.6
54	51.5	40.7	61.1

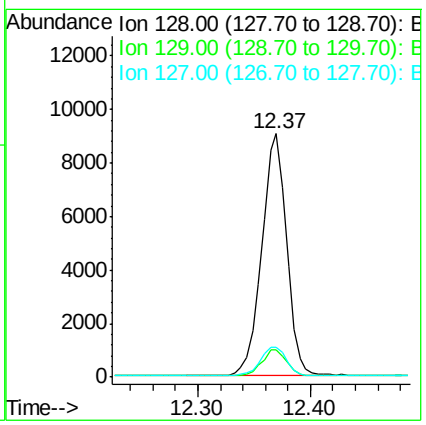


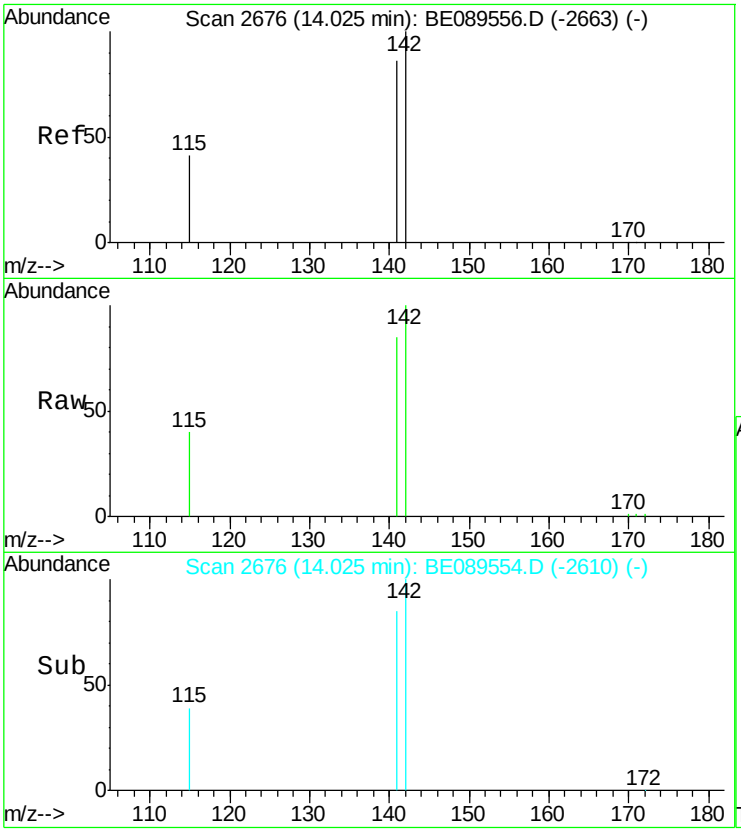


#4
Naphthalene
Concen: 0.52 ng
RT: 12.37 min Scan# 2345
Delta R.T. 0.01 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Tgt Ion:128 Resp: 13849

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.5	12.7
127	12.2	10.6	15.8



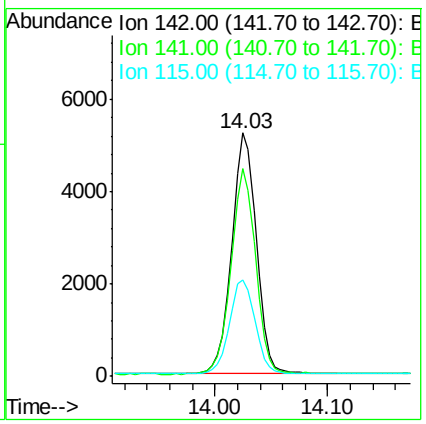


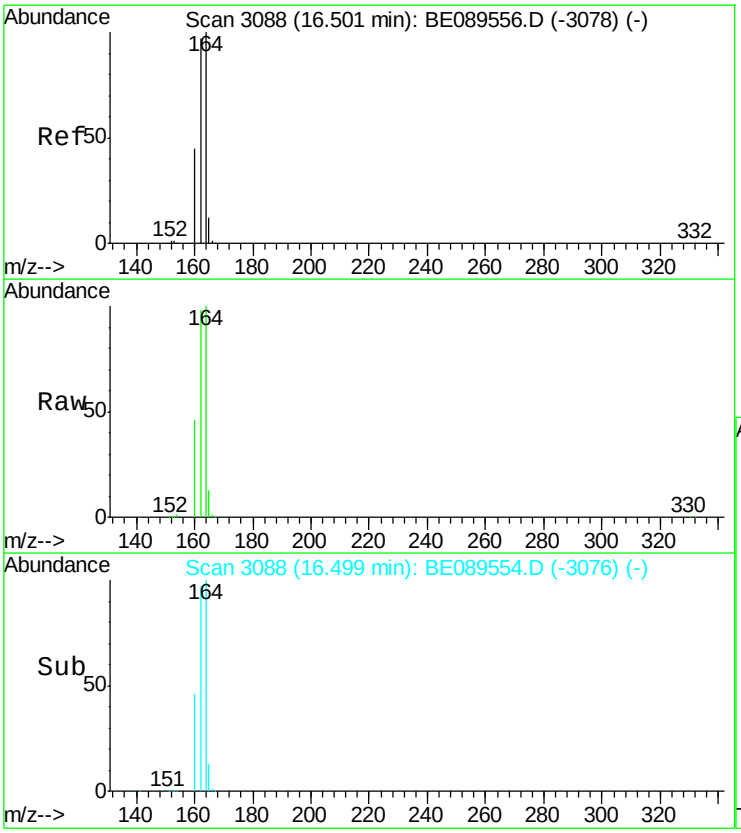
#5
2-Methylnaphthalene
Concen: 0.49 ng
RT: 14.03 min Scan# 2676
Delta R.T. 0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:142 Resp: 7654

Ion	Ratio	Lower	Upper
142	100		
141	85.1	68.6	102.8
115	39.6	33.0	49.6

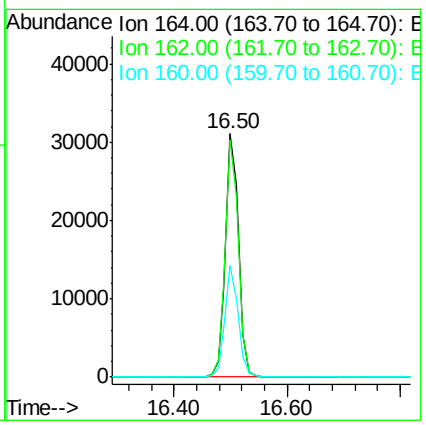


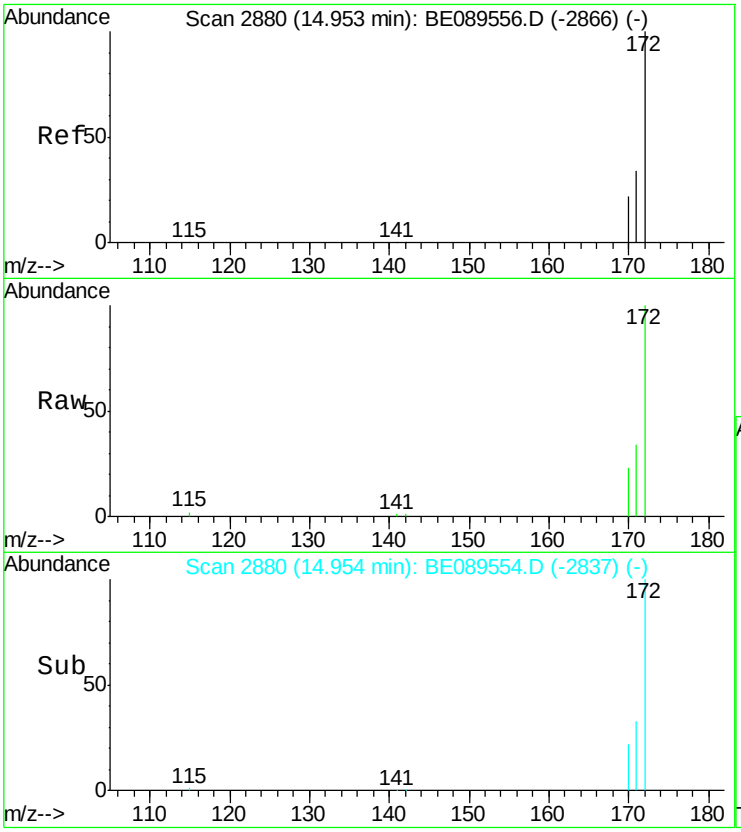


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.50 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Tgt Ion:164 Resp: 49611

Ion	Ratio	Lower	Upper
164	100		
162	97.5	77.8	116.6
160	45.7	36.2	54.2



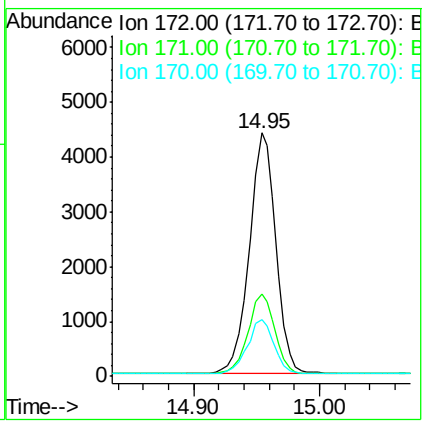


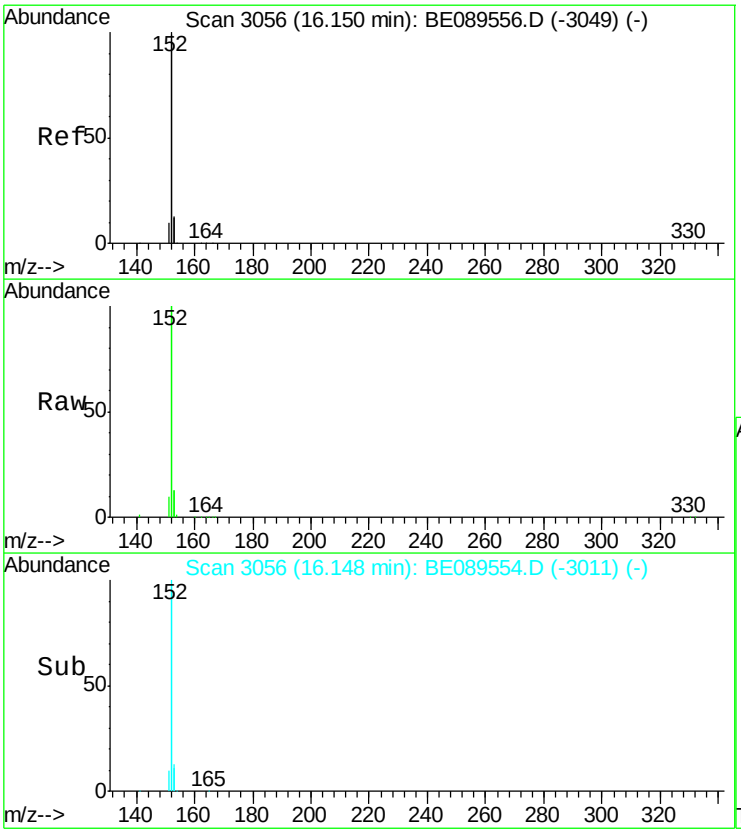
#7
2-Fluorobiphenyl
Concen: 0.54 ng
RT: 14.95 min Scan# 2880
Delta R.T. 0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:172 Resp: 6515

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.4	41.0
170	23.1	18.3	27.5

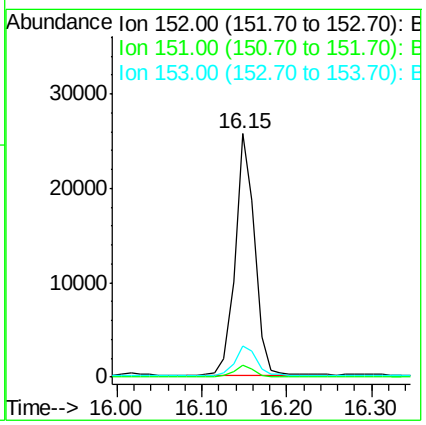


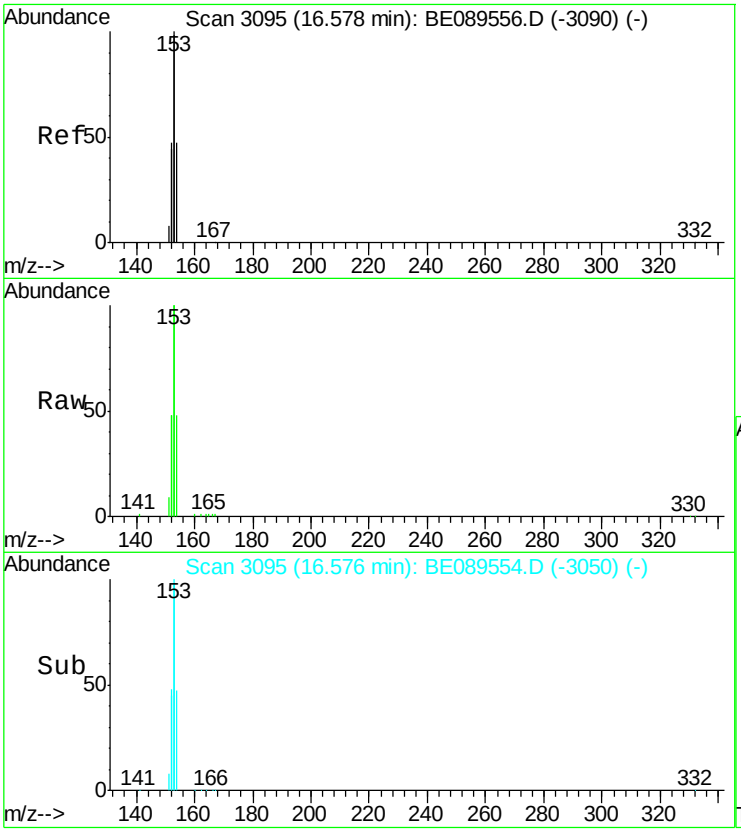


#8
Acenaphthylene
Concen: 0.52 ng
RT: 16.15 min Scan# 3056
Delta R.T. -0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Tgt Ion:152 Resp: 40339

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.1	10.4	15.6



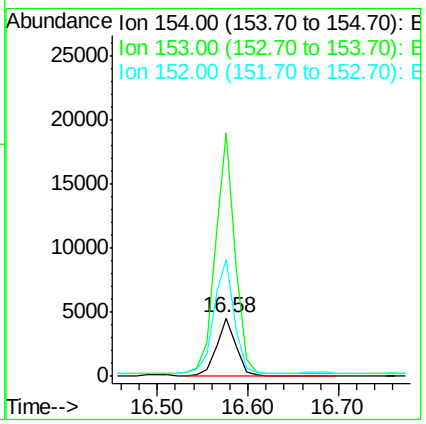


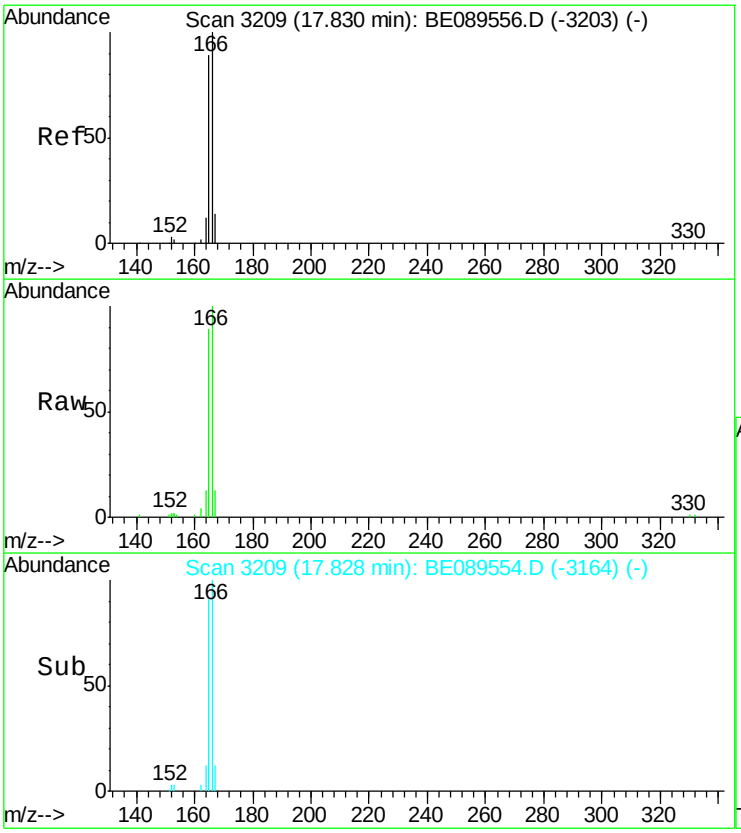
#9
Acenaphthene
Concen: 0.54 ng
RT: 16.58 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:154 Resp: 6607

Ion	Ratio	Lower	Upper
154	100		
153	429.8	349.0	523.4
152	211.4	173.0	259.4

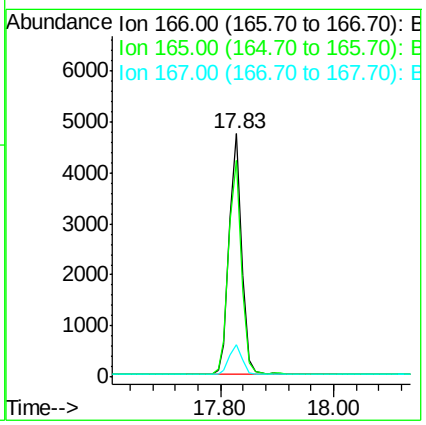


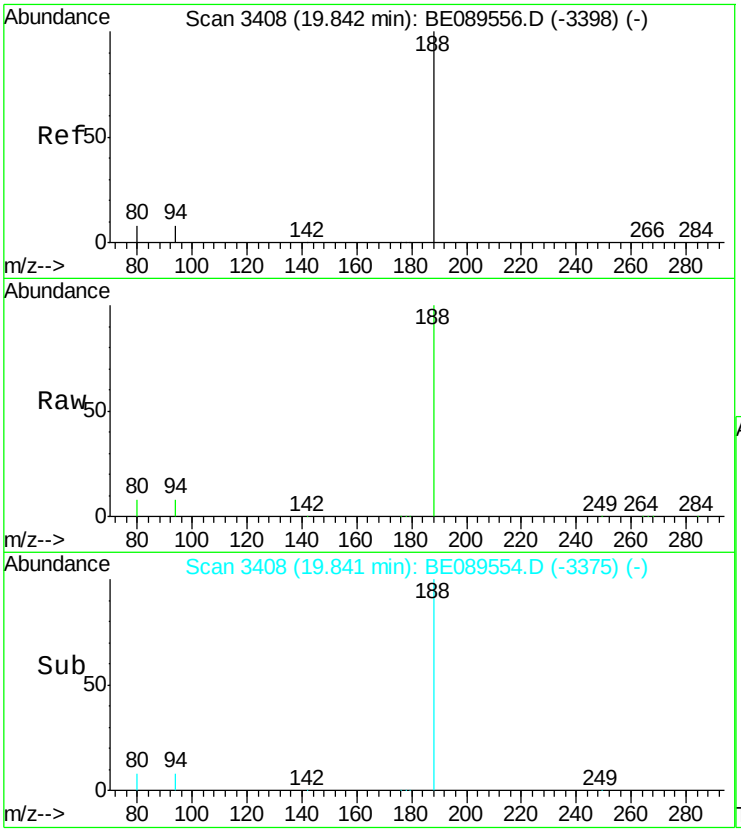


#10
Fluorene
Concen: 0.54 ng
RT: 17.83 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Tgt Ion:166 Resp: 7190

Ion	Ratio	Lower	Upper
166	100		
165	90.6	75.1	112.7
167	13.6	10.6	16.0



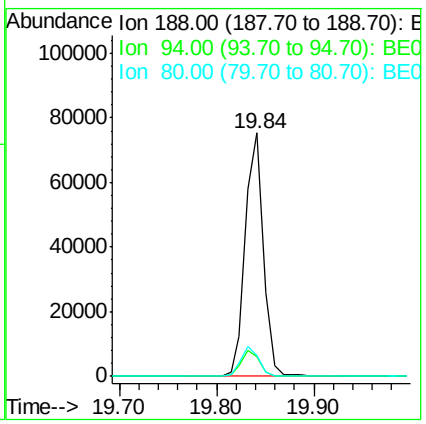


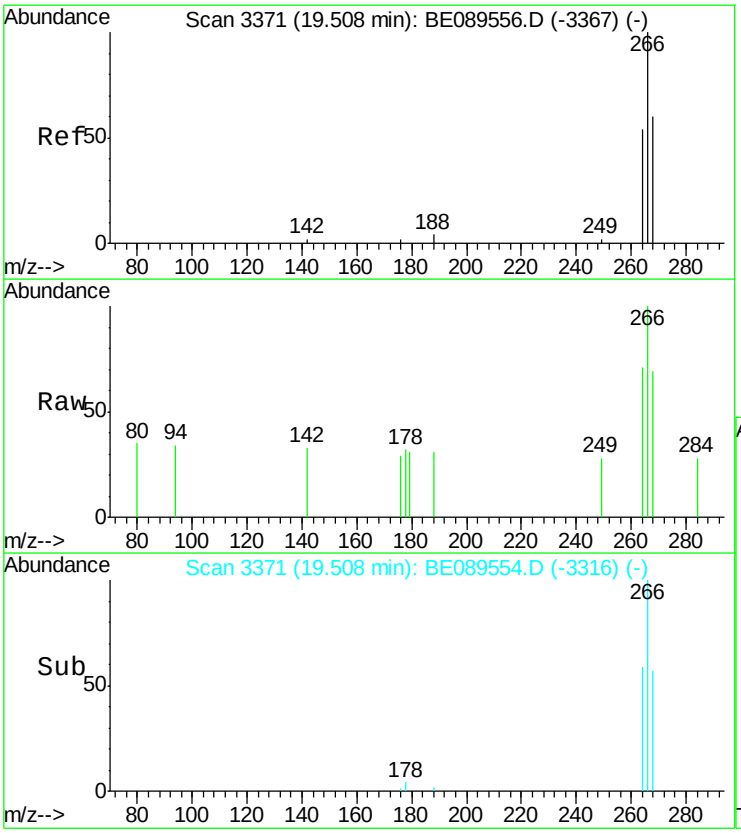
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.84 min Scan# 3408
Delta R.T. -0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:188 Resp: 96242

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.2
80	8.4	6.4	9.6

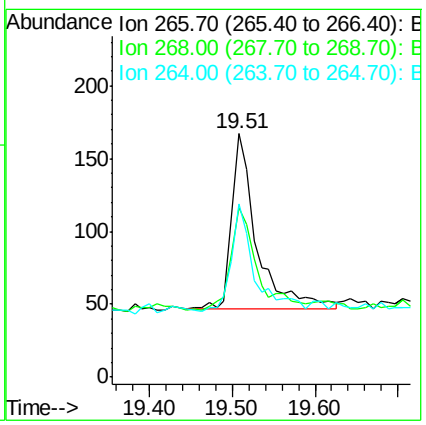


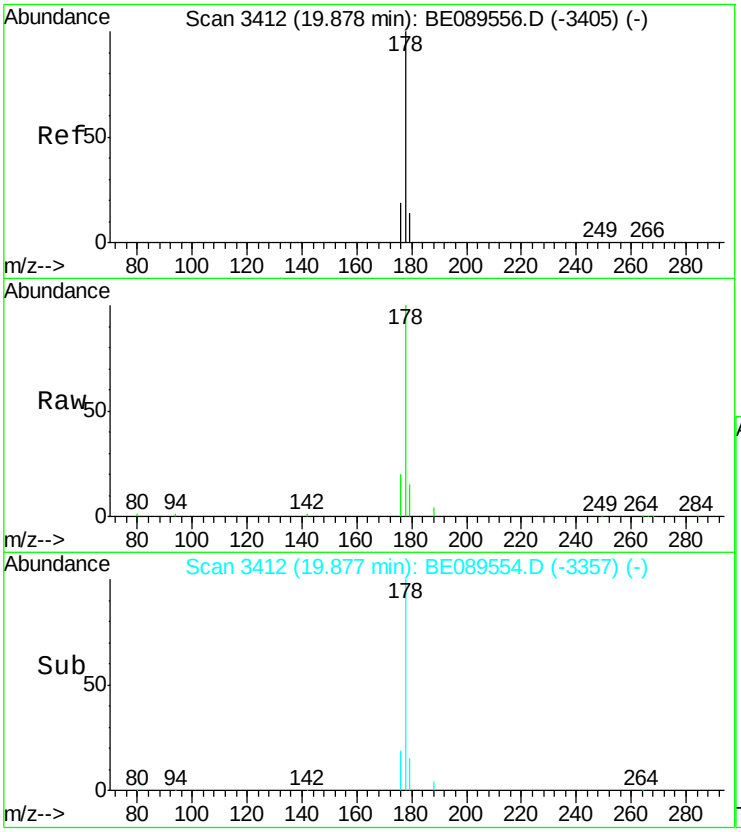


#12
Pentachlorophenol
Concen: 0.10 ng
RT: 19.51 min Scan# 3371
Delta R.T. -0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Tgt Ion:266 Resp: 249

Ion	Ratio	Lower	Upper
266	100		
268	69.5	57.9	86.9
264	71.3	54.6	81.8



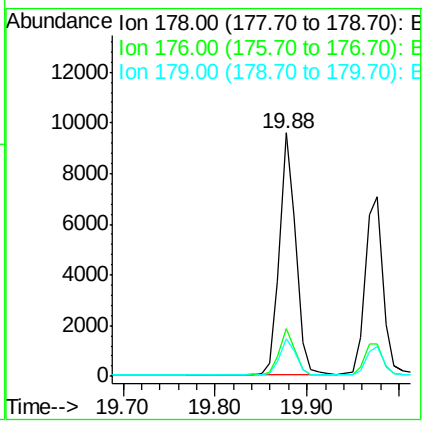


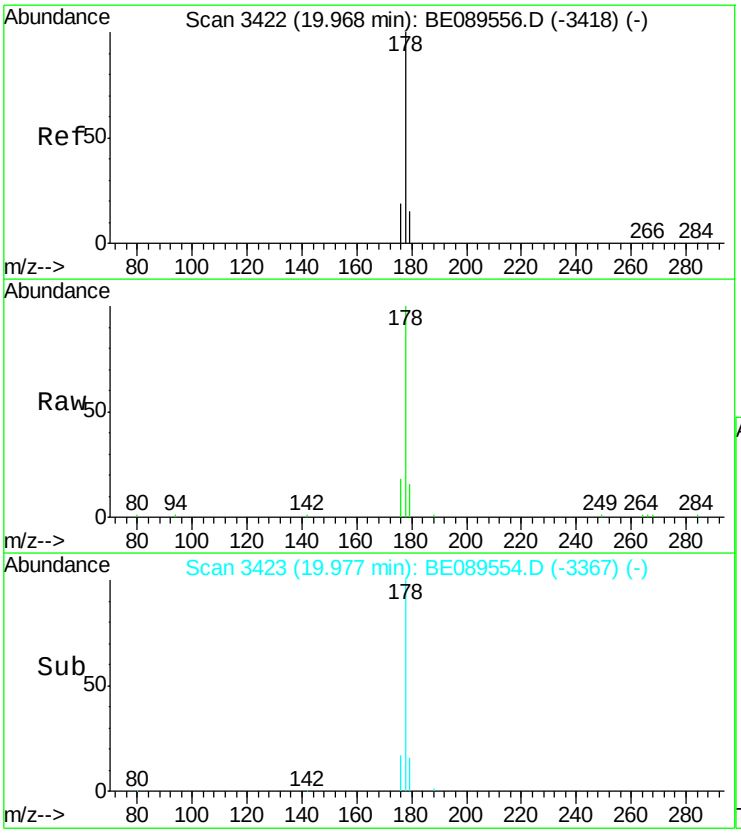
#13
Phenanthrene
Concen: 0.54 ng
RT: 19.88 min Scan# 3412
Delta R.T. -0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:178 Resp: 11790

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.5	12.1	18.1

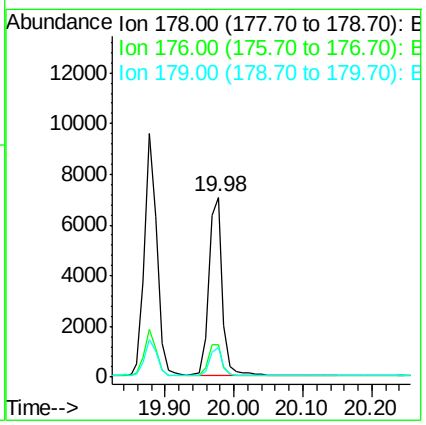


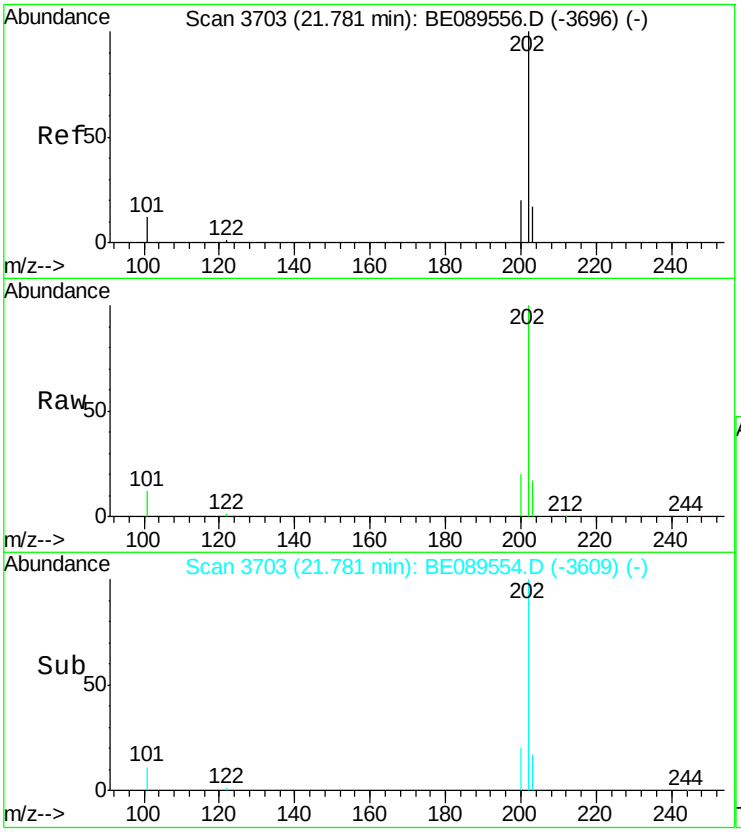


#14
Anthracene
Concen: 0.52 ng
RT: 19.98 min Scan# 3423
Delta R.T. 0.01 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Tgt Ion:178 Resp: 9772

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.4	12.7	19.1



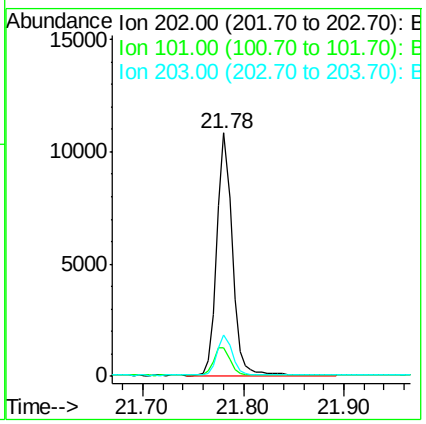


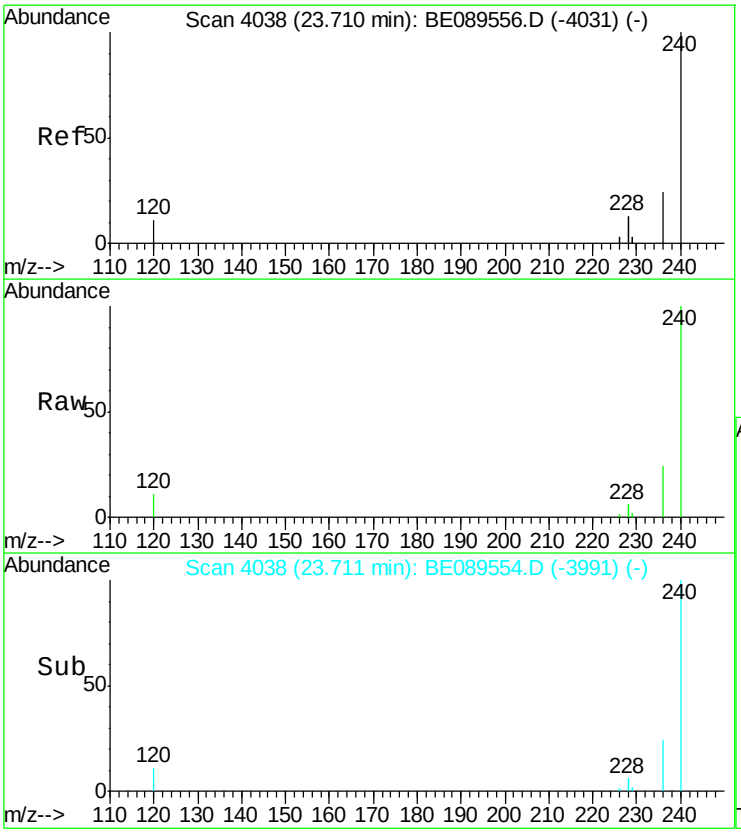
#15
Fluoranthene
Concen: 0.59 ng
RT: 21.78 min Scan# 3703
Delta R.T. -0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:202 Resp: 11394

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.4	15.6
203	16.7	13.6	20.4

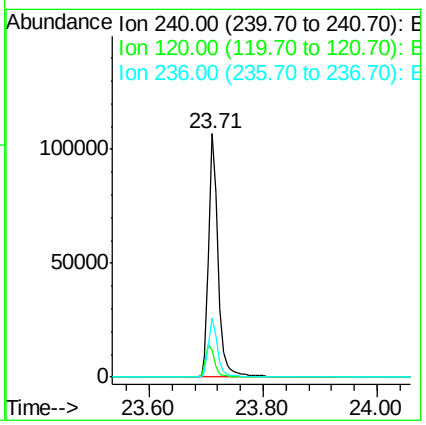


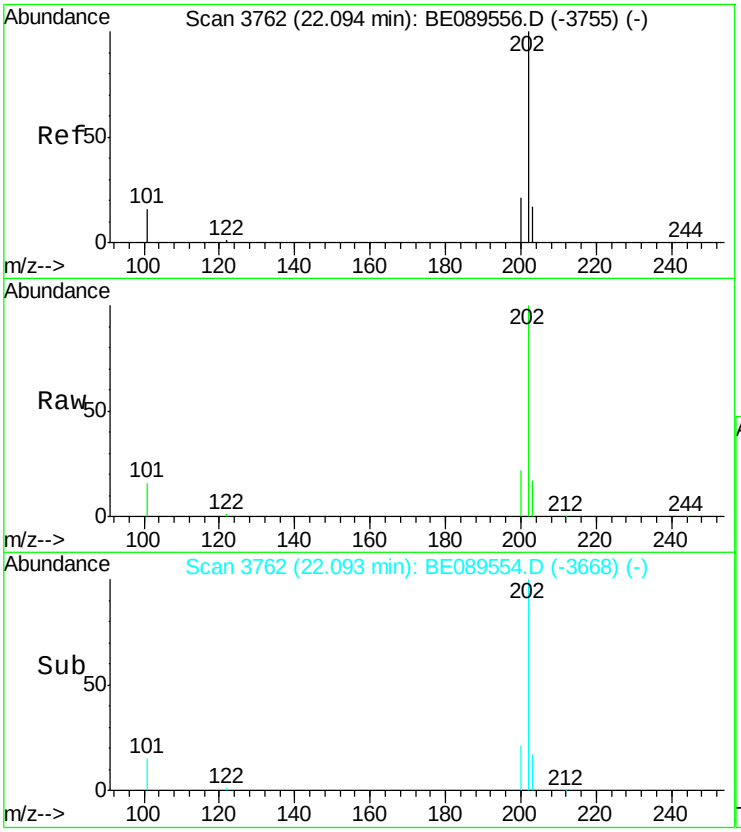


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 4038
Delta R.T. 0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Tgt Ion:240 Resp: 119087

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.3	13.9
236	24.5	19.3	28.9



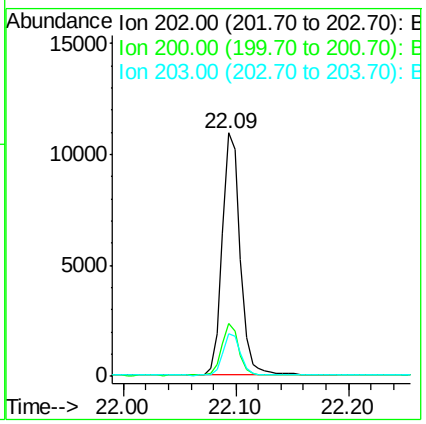


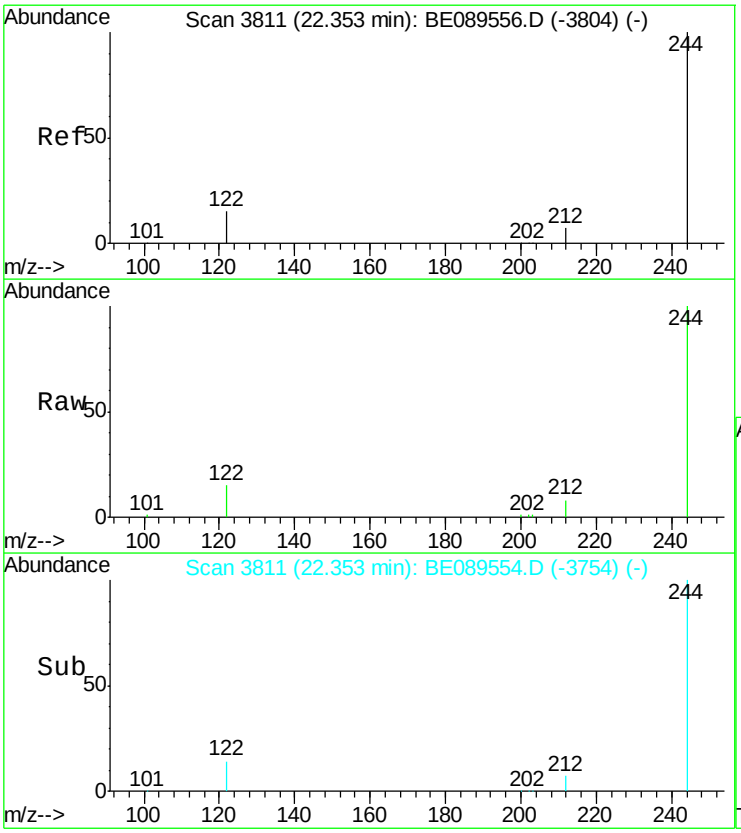
#17
Pyrene
Concen: 0.48 ng
RT: 22.09 min Scan# 3762
Delta R.T. -0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:202 Resp: 12160

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.1	14.2	21.2

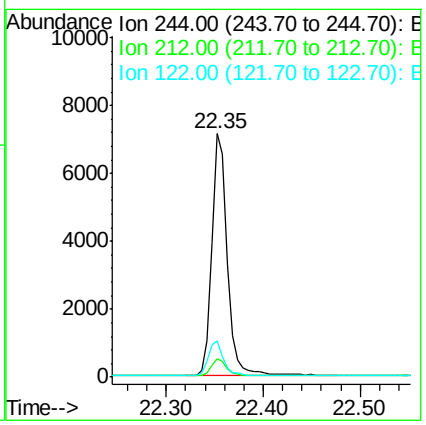


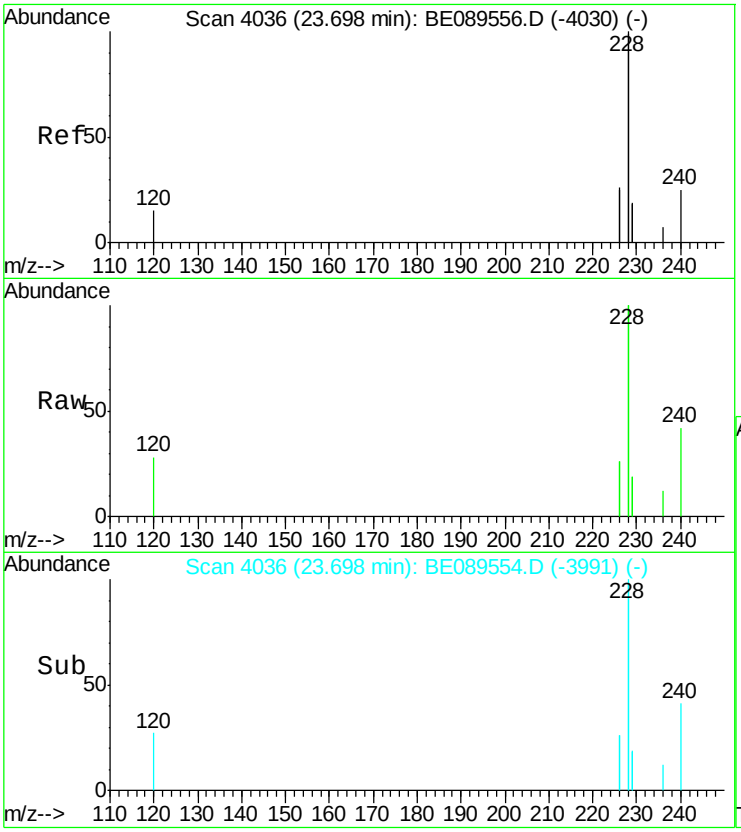


#18
Terphenyl-d14
Concen: 0.49 ng
RT: 22.35 min Scan# 3811
Delta R.T. -0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Tgt Ion:244 Resp: 7872

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	14.6	12.2	18.2



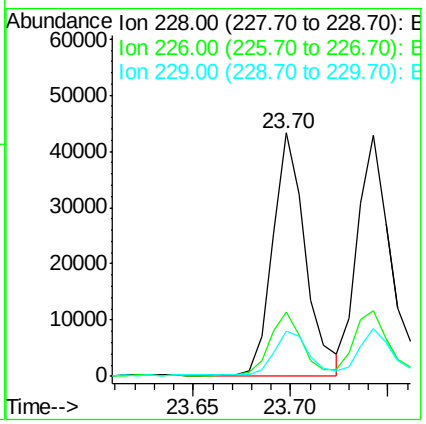


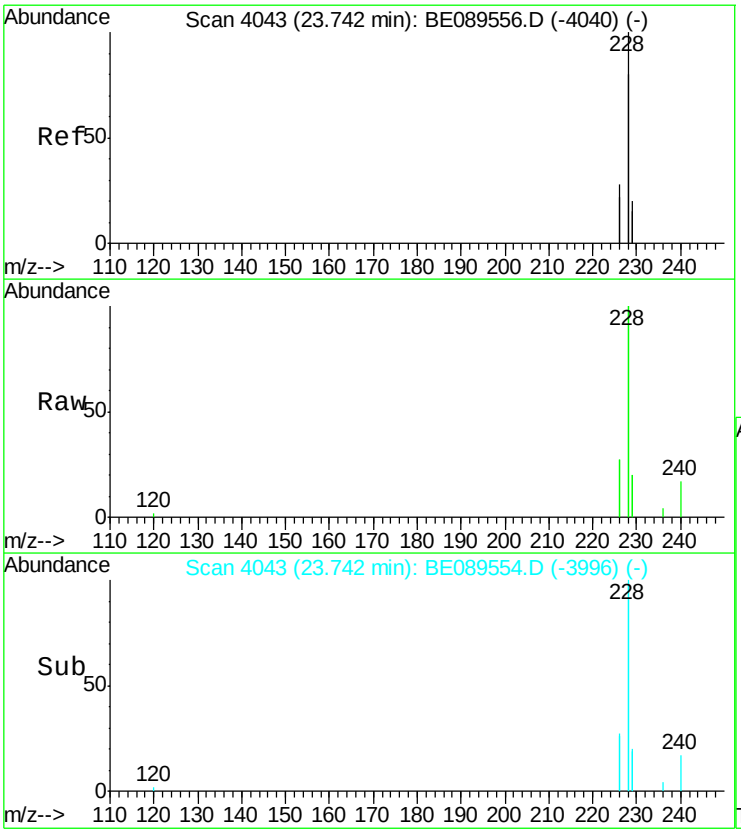
#19
Benzo(a)anthracene
Concen: 0.53 ng
RT: 23.70 min Scan# 4036
Delta R.T. 0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 50111

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.0	31.4
229	18.5	15.2	22.8

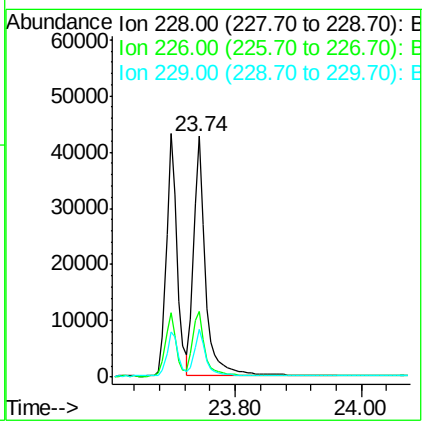


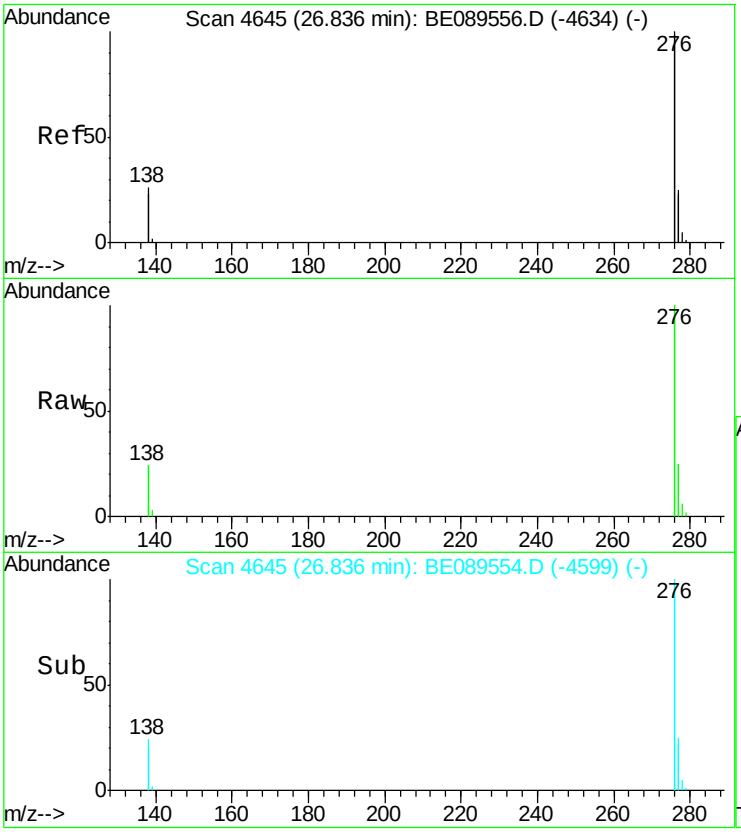


#20
Chrysene
Concen: 0.55 ng
RT: 23.74 min Scan# 4043
Delta R.T. 0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Tgt Ion:228 Resp: 55904

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	34.0
229	19.8	15.6	23.4



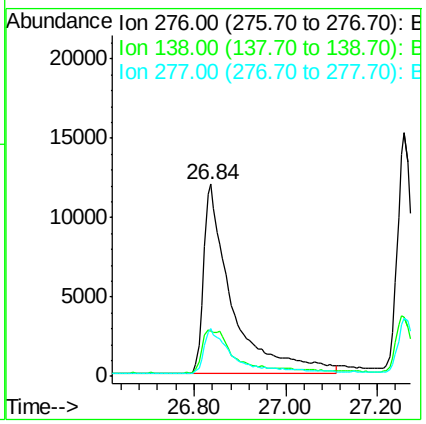


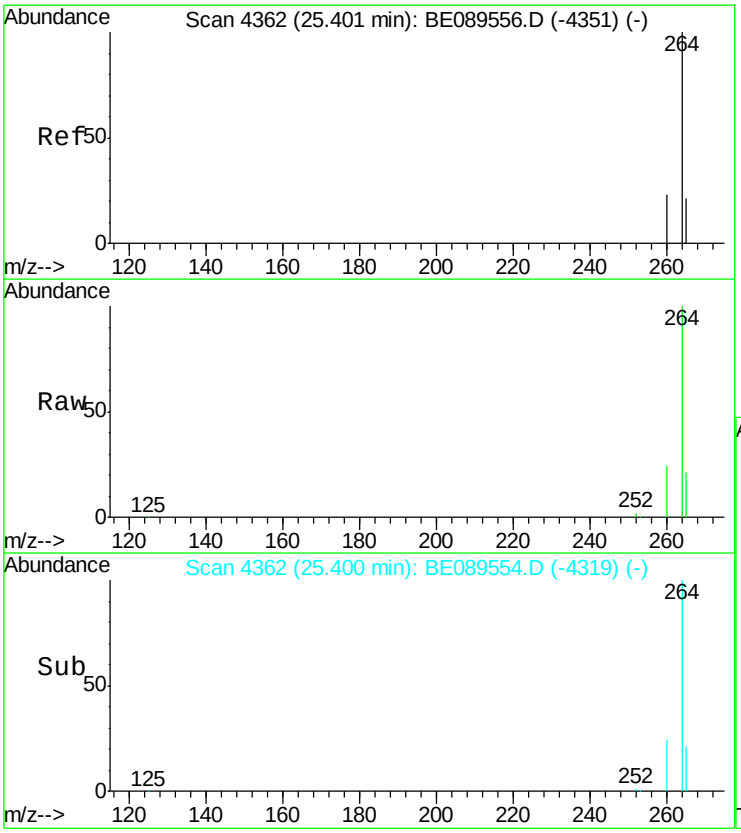
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.60 ng
RT: 26.84 min Scan# 4645
Delta R.T. 0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:276 Resp: 51545

Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.2	30.4
277	22.9	19.6	29.4

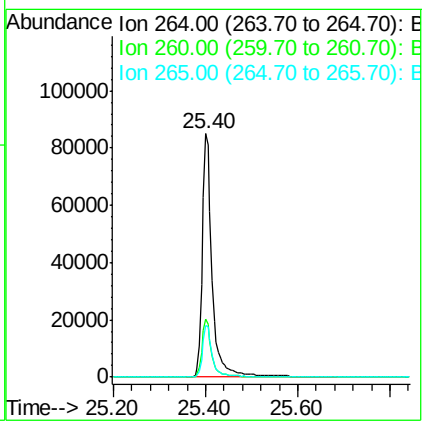


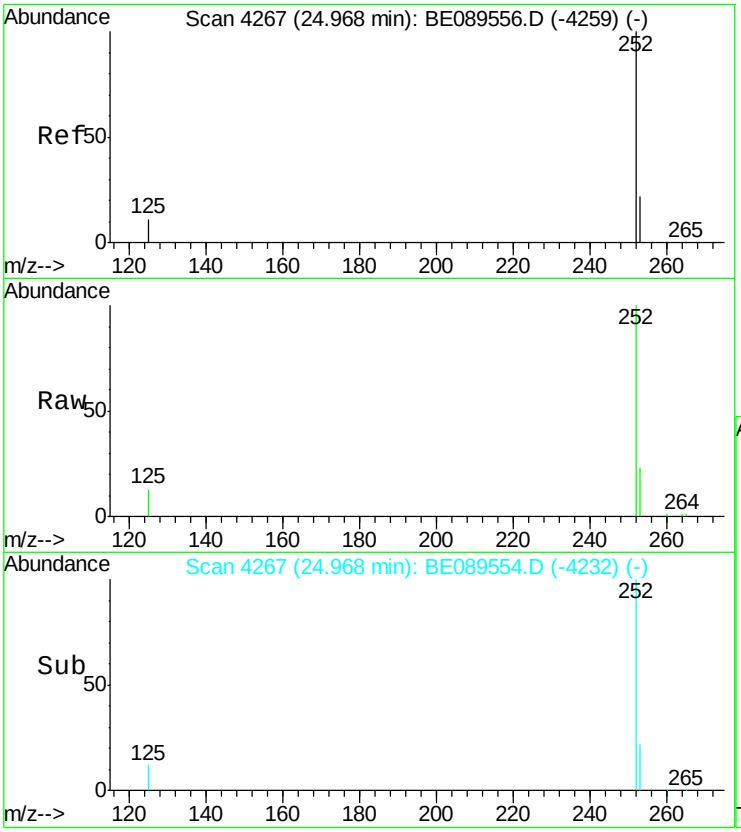


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.40 min Scan# 4362
Delta R.T. -0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Tgt Ion:264 Resp: 125029

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.0	16.8	25.2



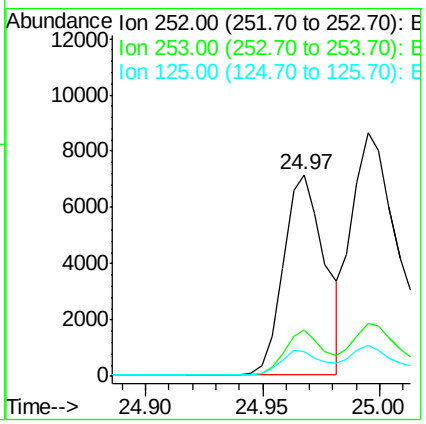


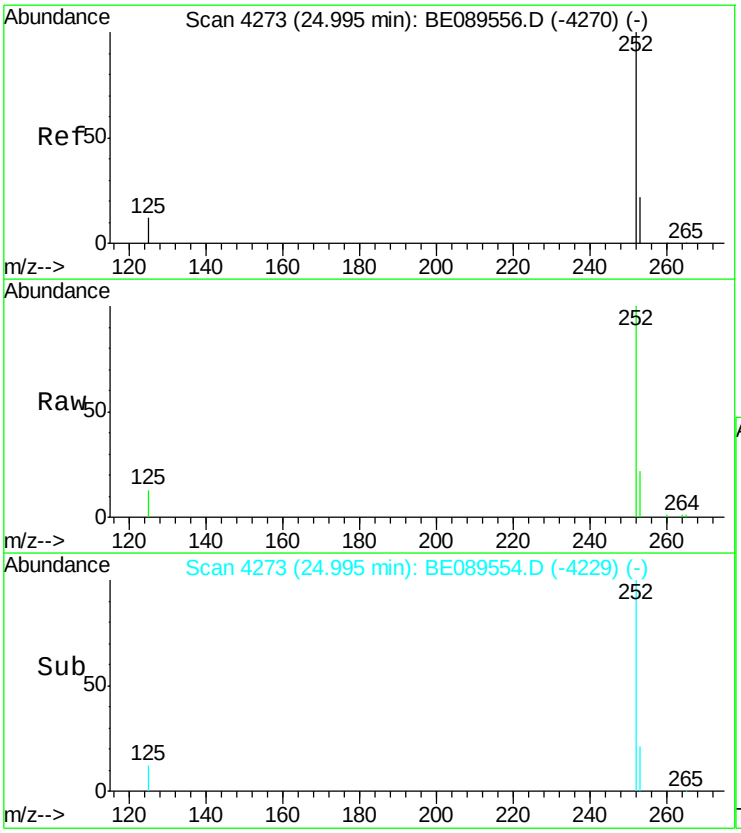
#23
Benzo(b)fluoranthene
Concen: 0.48 ng
RT: 24.97 min Scan# 4267
Delta R.T. -0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 8823

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	12.5	9.3	13.9

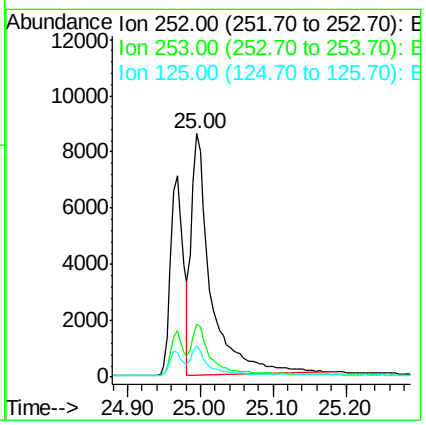


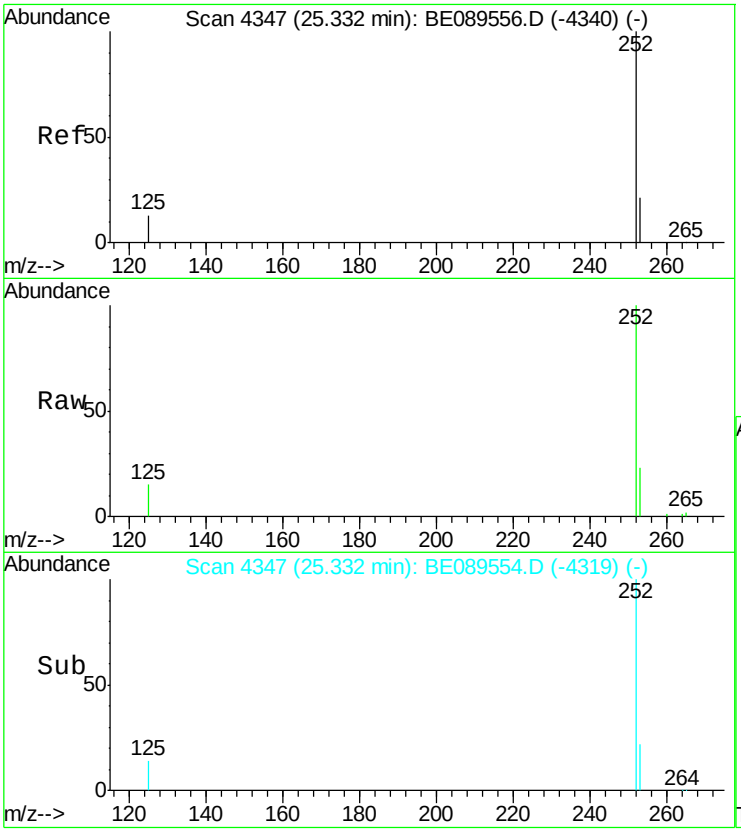


#24
Benzo(k)fluoranthene
Concen: 0.53 ng
RT: 25.00 min Scan# 4273
Delta R.T. -0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Tgt Ion:252 Resp: 15731

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	12.6	9.6	14.4



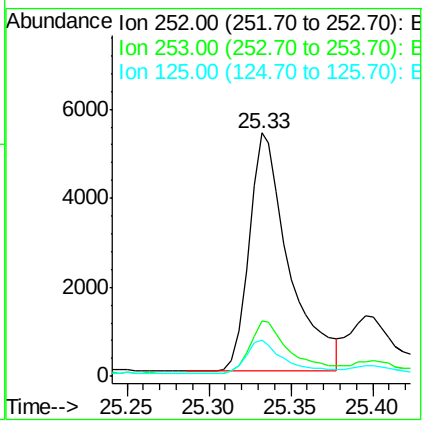


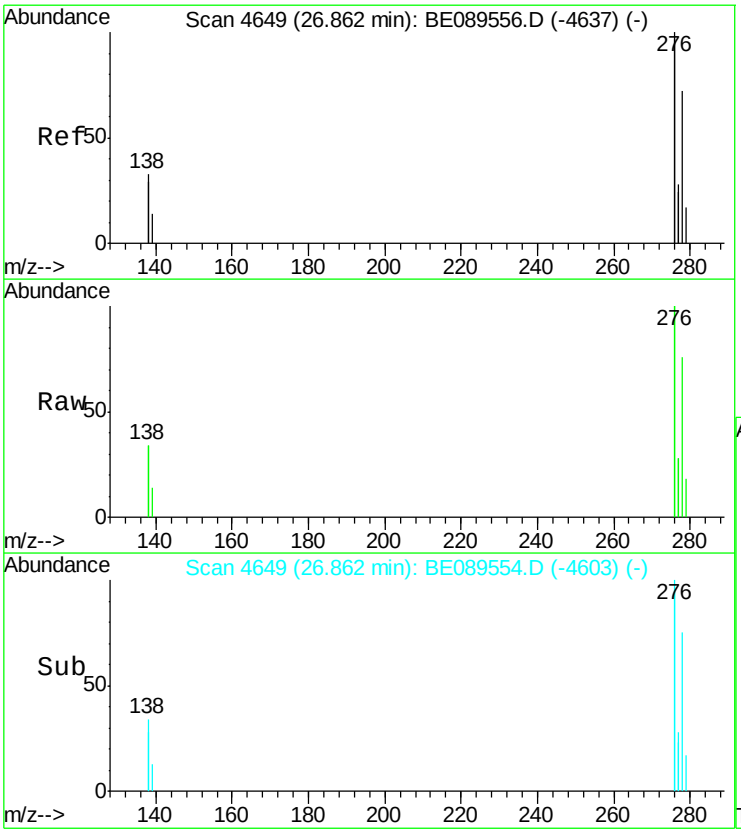
#25
Benzo(a)pyrene
Concen: 0.48 ng
RT: 25.33 min Scan# 4347
Delta R.T. -0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 9092

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	14.7	11.1	16.7

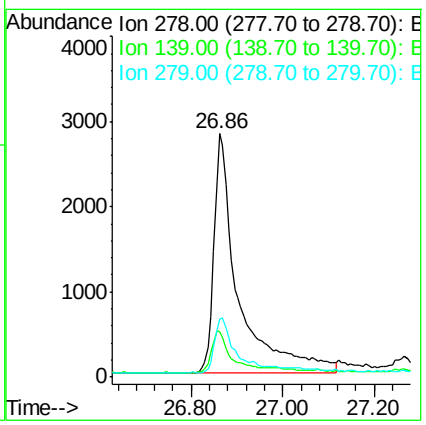


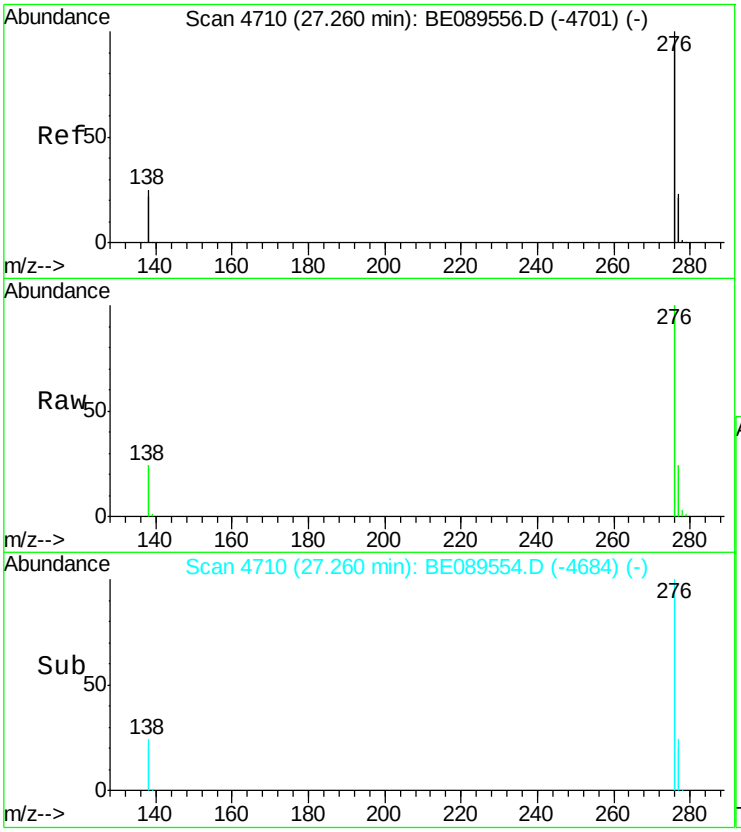


#26
Dibenzo(a,h)anthracene
Concen: 0.54 ng
RT: 26.86 min Scan# 4649
Delta R.T. 0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Tgt Ion:278 Resp: 10482

Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.1	24.1
279	23.9	19.6	29.4





#27
Benzo(g,h,i)perylene
Concen: 0.53 ng
RT: 27.26 min Scan# 4710
Delta R.T. 0.00 min
Lab File: BE089554.D
Acq: 10 Feb 2015 17:47

Instrument :
BNA_E
LabSampleId :
SSTDICC0.5

Tgt Ion:276 Resp: 46694

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	24.4	19.7	29.5