Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021015\
Data File : BE089556.D
Acq On : 10 Feb 2015 19:08
Operator : TP/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICCC001

Quant Time: Feb 11 01:19:16 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	25054	5.00	ng	0.00
2) Naphthalene-d8	12.32	136	89390	5.00	ng	0.00
6) Acenaphthene-d10	16.50	164	30904	5.00	ng	0.00
11) Phenanthrene-d10	19.84	188	49646	5.00	ng	0.00
16) Chrysene-d12	23.71	240	64724	5.00	ng	0.00
22) Perylene-d12	25.40	264	76038	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.68	82	5421	1.01	ng	0.00
7) 2-Fluorobiphenyl	14.95	172	8725	1.16	ng	0.00
18) Terphenyl-d14	22.35	244	7608	0.87	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	12.36	128	19871	1.04	ng	100
5) 2-Methylnaphthalene	14.02	142	10702	0.95	ng	100
8) Acenaphthylene	16.15	152	51992	1.08	ng	100
9) Acenaphthene	16.58	154	8145	1.06	ng	100
10) Fluorene	17.83	166	8107	0.98	ng	100
12) Pentachlorophenol	19.51	266	229	0.17	ng	100
13) Phenanthrene	19.88	178	12097	1.08	ng	100
14) Anthracene	19.97	178	9811	1.02	ng	100
15) Fluoranthene	21.78	202	10876	1.09	ng	100
17) Pyrene	22.09	202	11948	0.88	ng	100
19) Benzo(a)anthracene	23.70	228	50751	0.99	ng	100
20) Chrysene	23.74	228	61046	1.10	ng	100
21) Indeno(1,2,3-cd)pyrene	26.84	276	70711	1.51	ng	100
23) Benzo(b)fluoranthene	24.97	252	10520	0.93	ng	100
24) Benzo(k)fluoranthene	25.00	252	19288	1.07	ng	100
25) Benzo(a)pyrene	25.33	252	11144	0.97	ng	100
26) Dibenzo(a,h)anthracene	26.86	278	14616	1.24	ng	100
27) Benzo(g,h,i)perylene	27.26	276	66775	1.26	ng	100

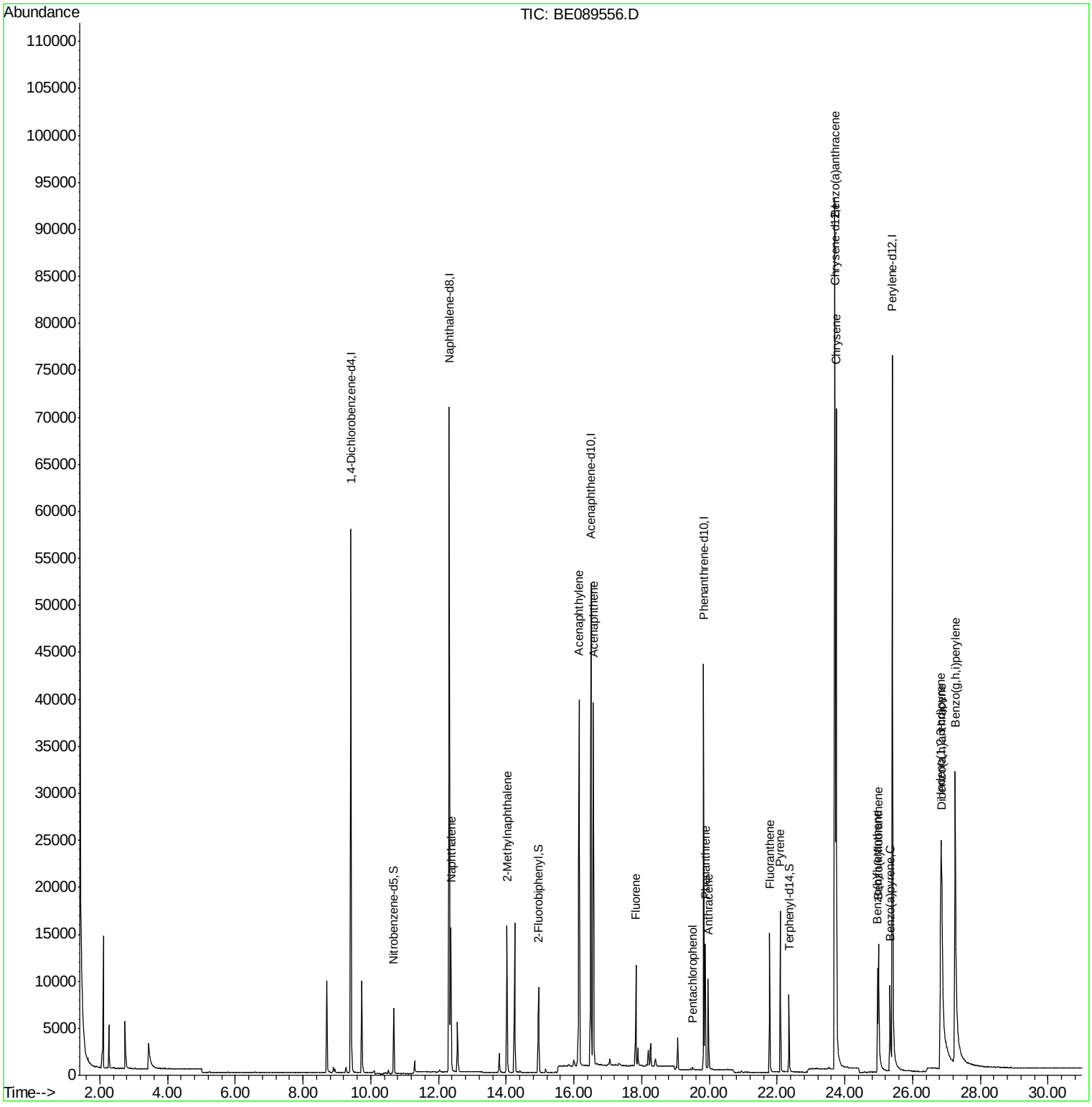
(#) = qualifier out of range (m) = manual integration (+) = signals summed

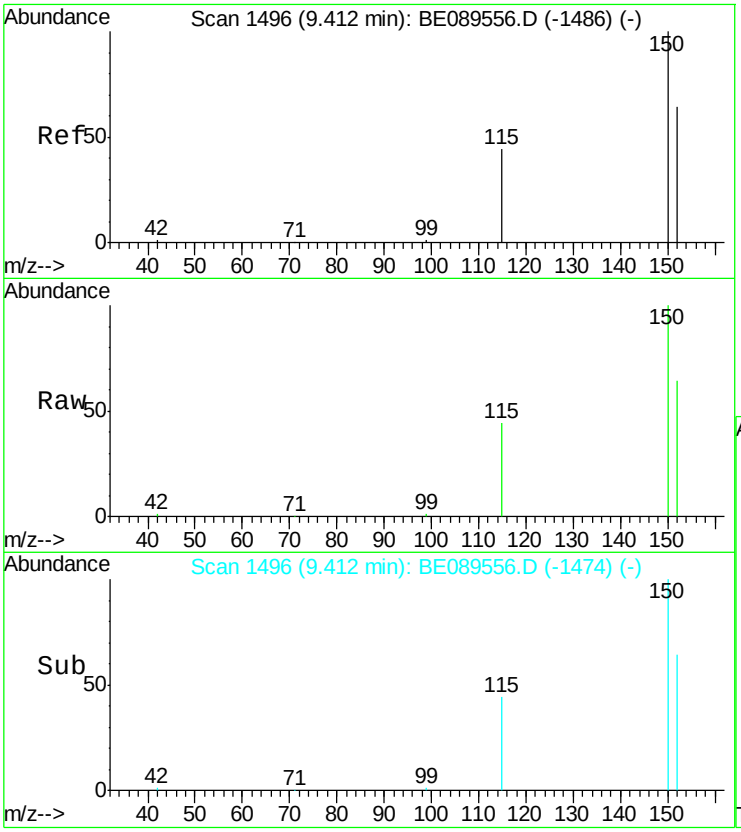
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021015\
Data File : BE089556.D
Acq On : 10 Feb 2015 19:08
Operator : TP/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Quant Time: Feb 11 01:19:16 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



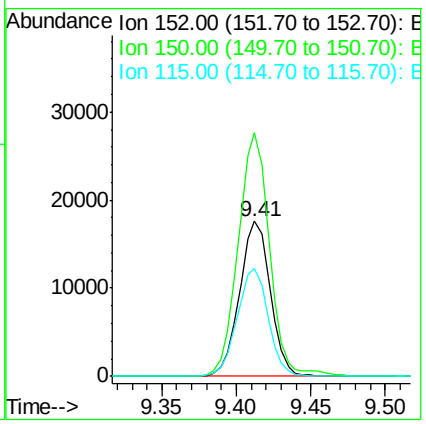


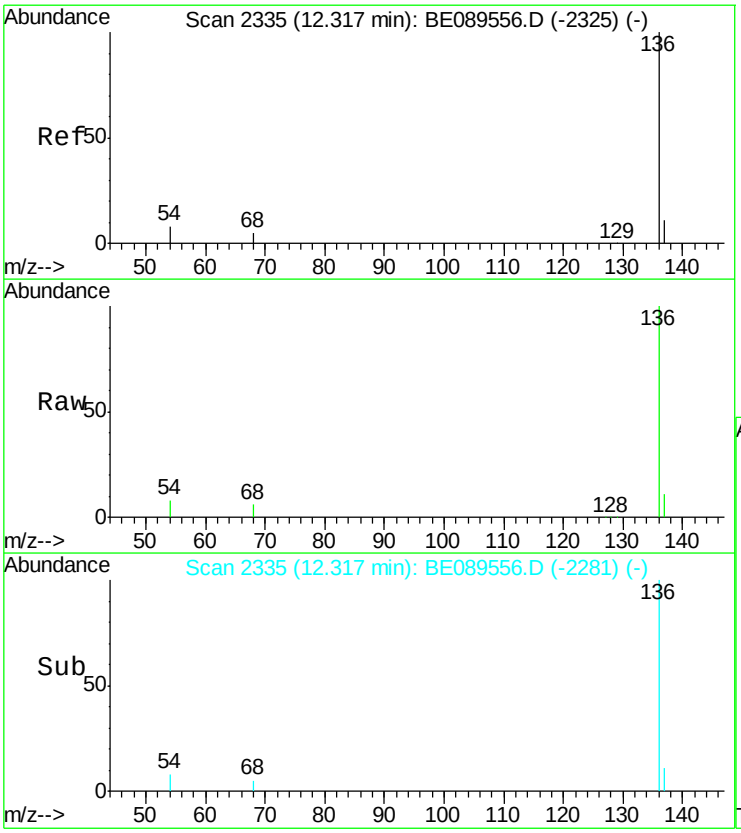
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.41 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:152 Resp: 25054

Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.6	188.4
115	69.7	55.8	83.6

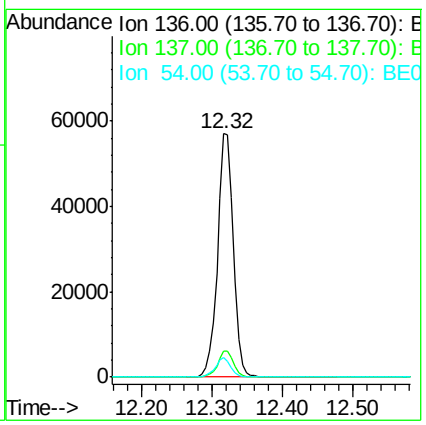


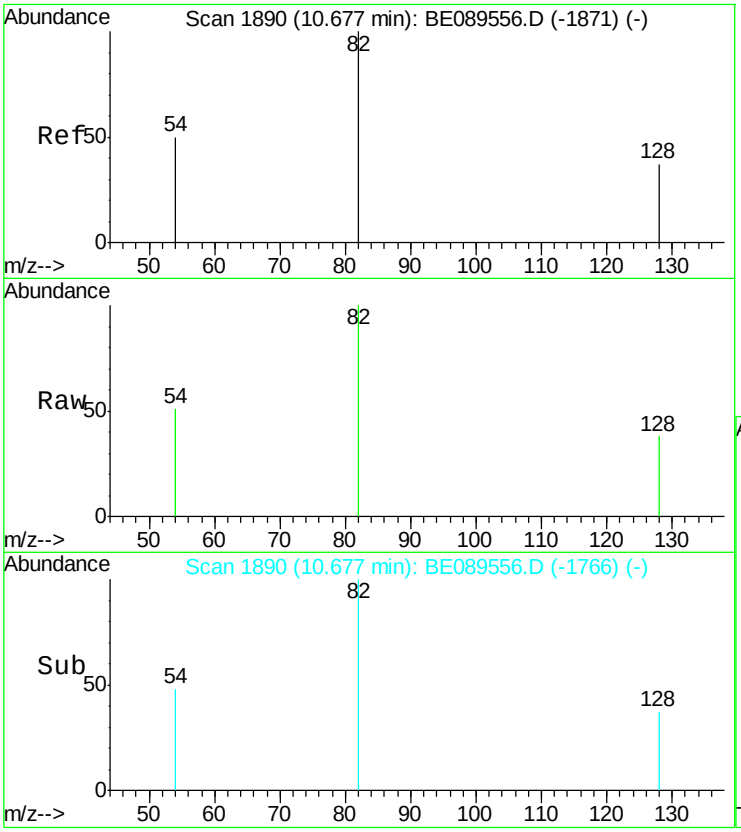


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.32 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Tgt Ion:136 Resp: 89390

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.2	6.6	9.8



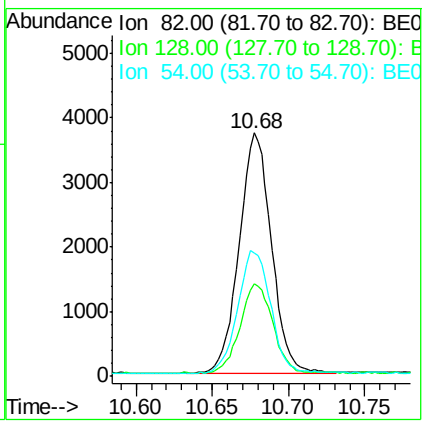


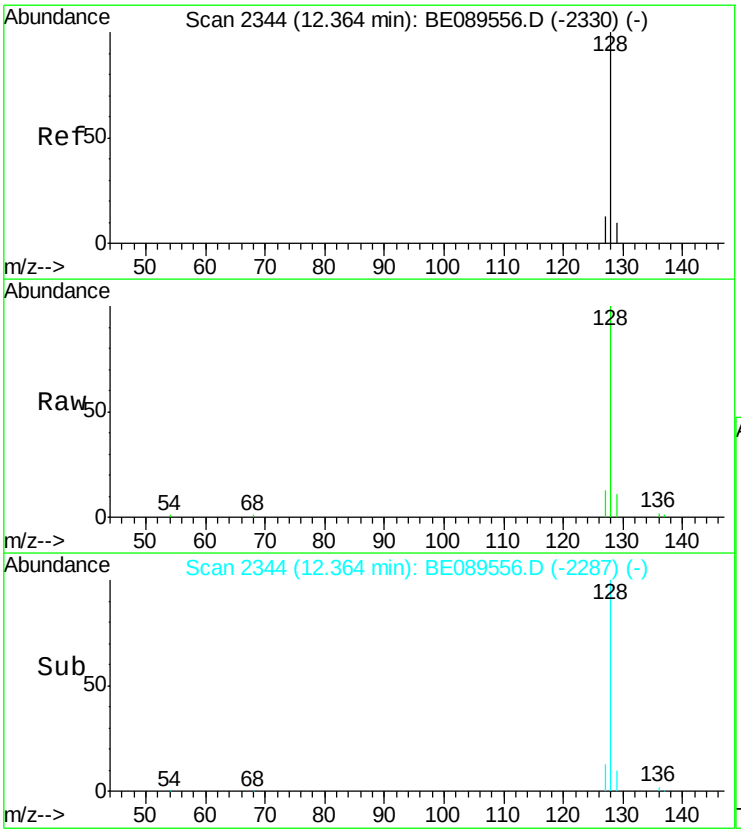
#3
Nitrobenzene-d5
Concen: 1.01 ng
RT: 10.68 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion: 82 Resp: 5421

Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.4	45.6
54	50.9	40.7	61.1

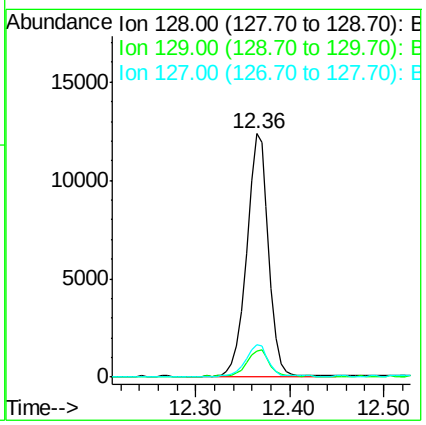


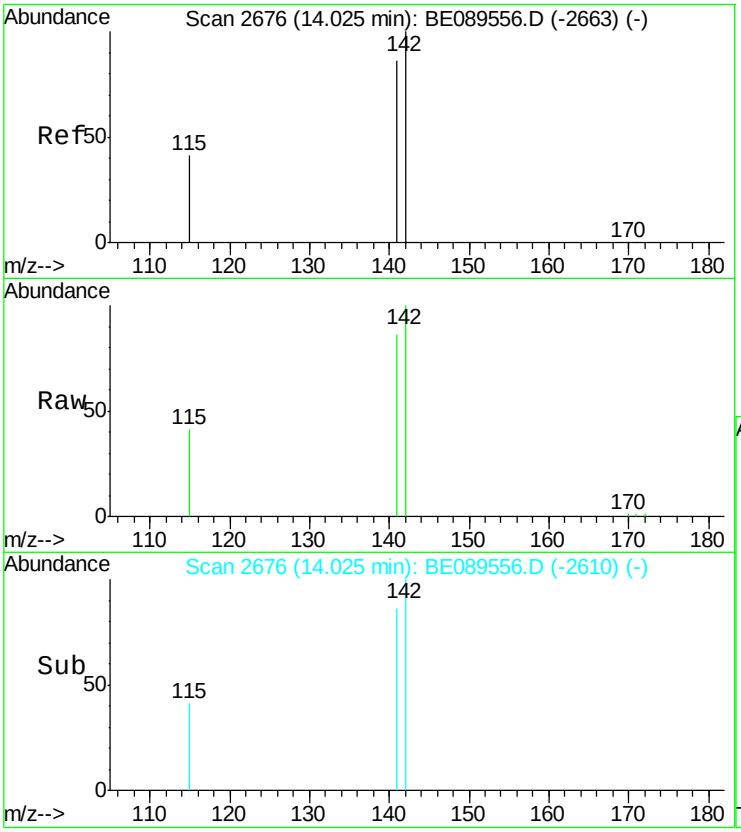


#4
Naphthalene
Concen: 1.04 ng
RT: 12.36 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Tgt Ion:128 Resp: 19871

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.5	12.7
127	13.2	10.6	15.8



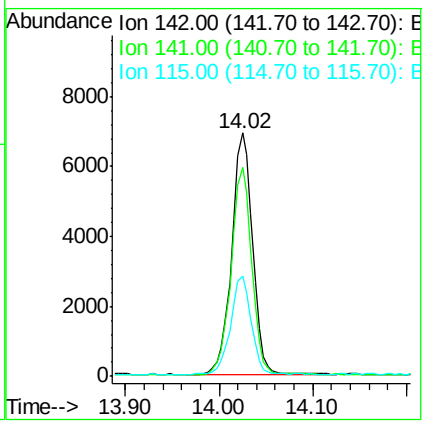


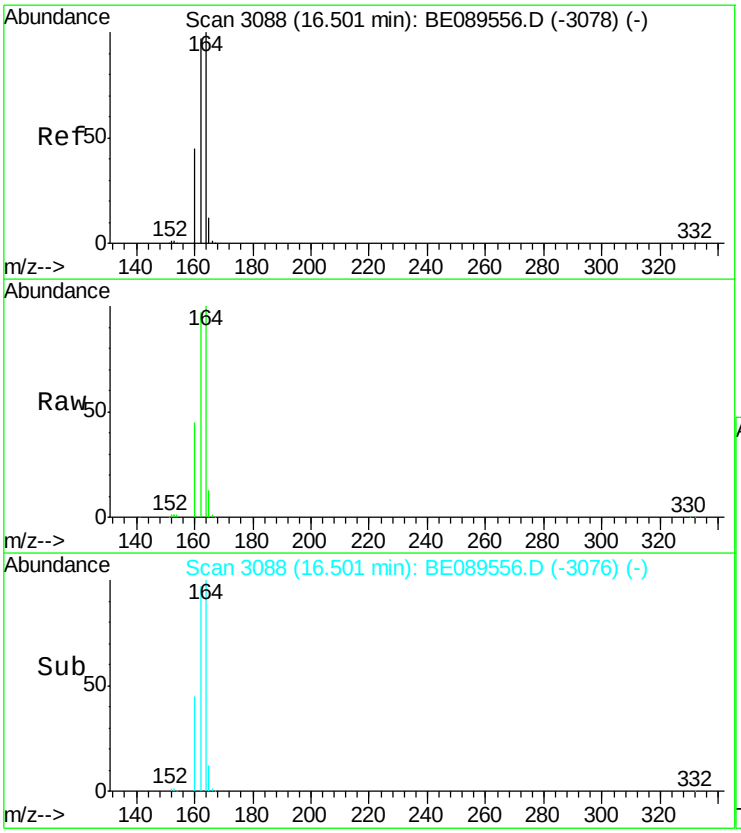
#5
2-Methylnaphthalene
Concen: 0.95 ng
RT: 14.02 min Scan# 2676
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:142 Resp: 10702

Ion	Ratio	Lower	Upper
142	100		
141	85.7	68.6	102.8
115	41.3	33.0	49.6

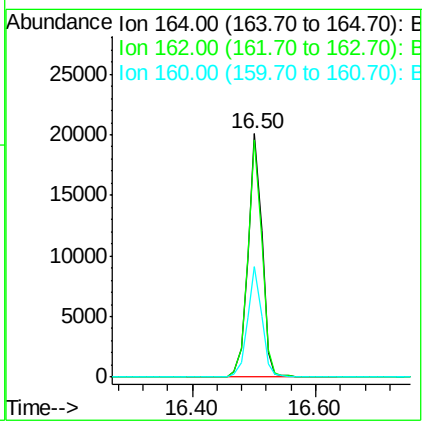


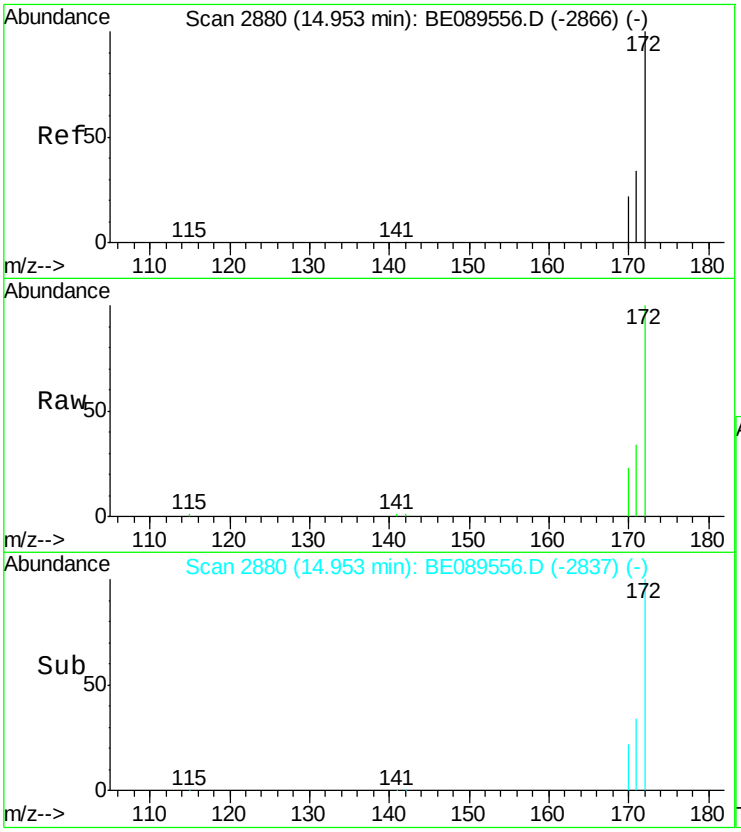


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.50 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Tgt Ion:164 Resp: 30904

Ion	Ratio	Lower	Upper
164	100		
162	97.2	77.8	116.6
160	45.2	36.2	54.2



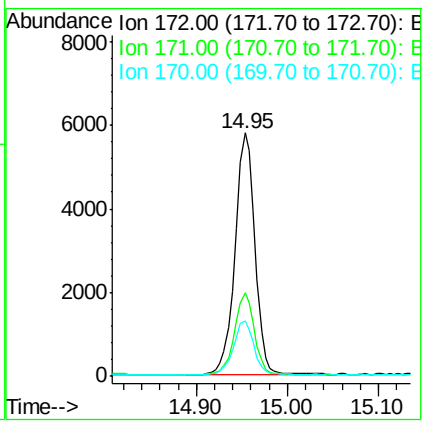


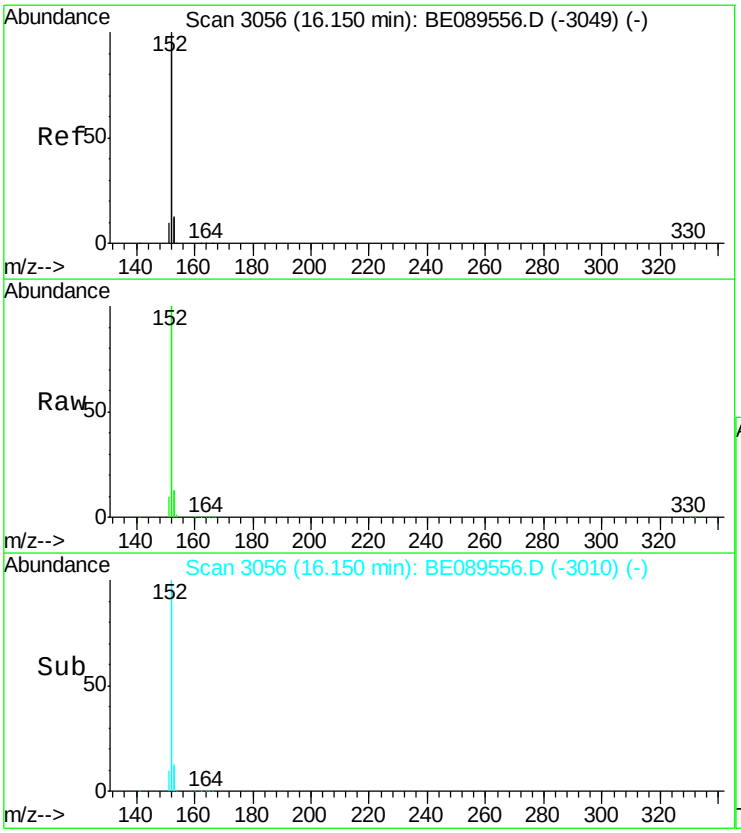
#7
2-Fluorobiphenyl
Concen: 1.16 ng
RT: 14.95 min Scan# 2880
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:172 Resp: 8725

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	22.9	18.3	27.5

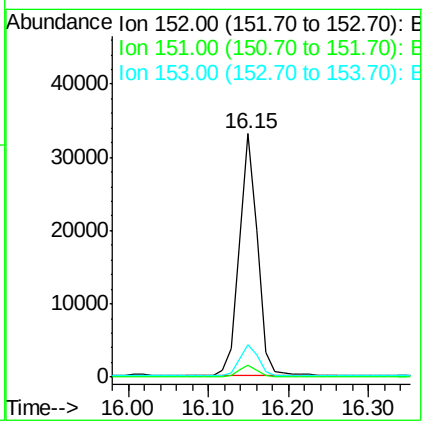


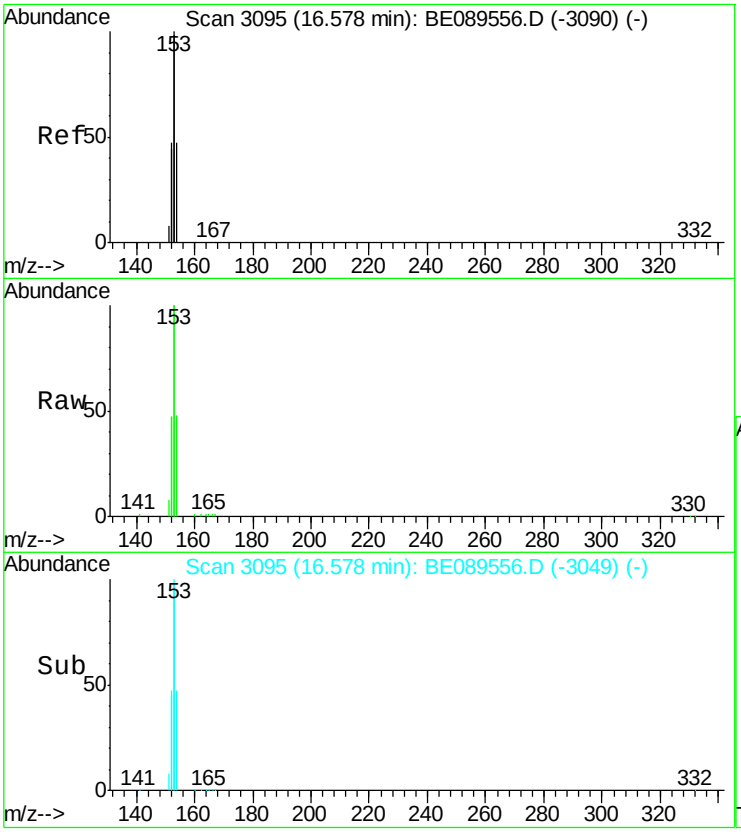


#8
Acenaphthylene
Concen: 1.08 ng
RT: 16.15 min Scan# 3056
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Tgt Ion:152 Resp: 51992

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6



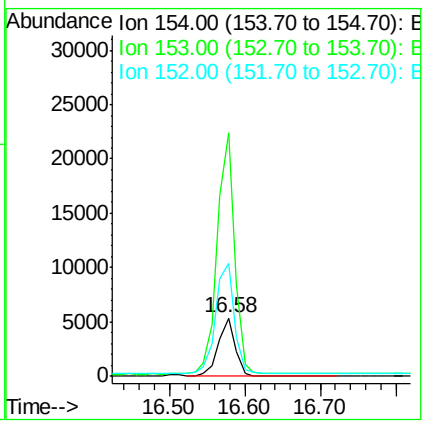


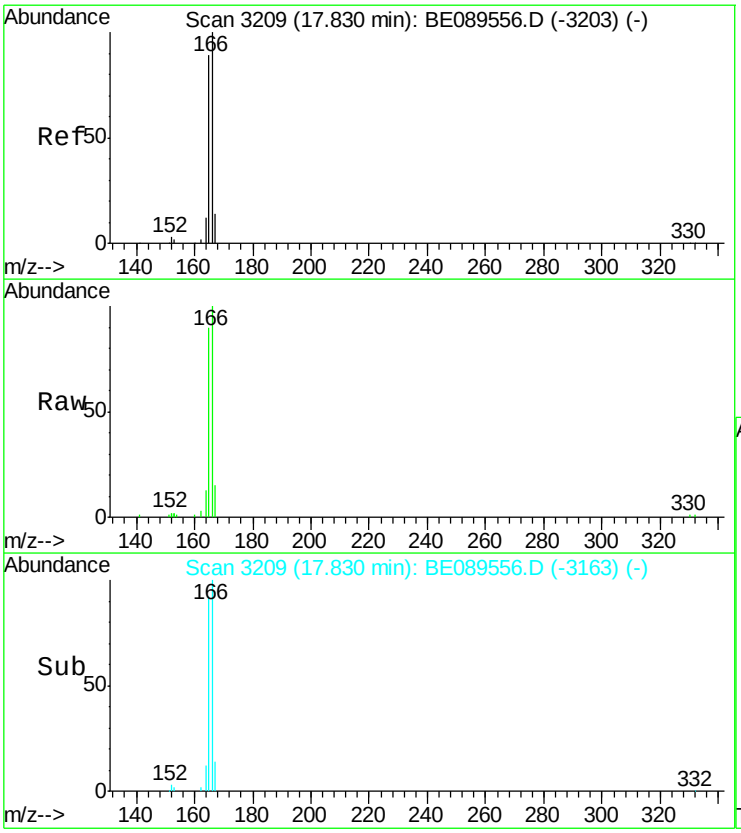
#9
Acenaphthene
Concen: 1.06 ng
RT: 16.58 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:154 Resp: 8145

Ion	Ratio	Lower	Upper
154	100		
153	436.2	349.0	523.4
152	216.2	173.0	259.4

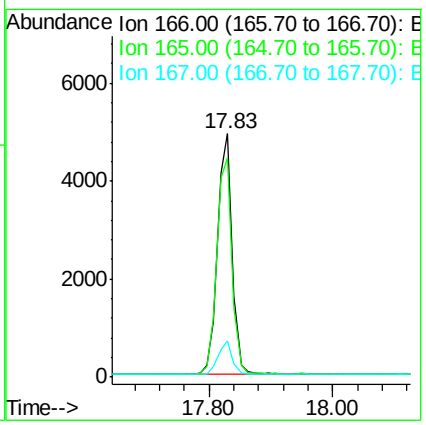


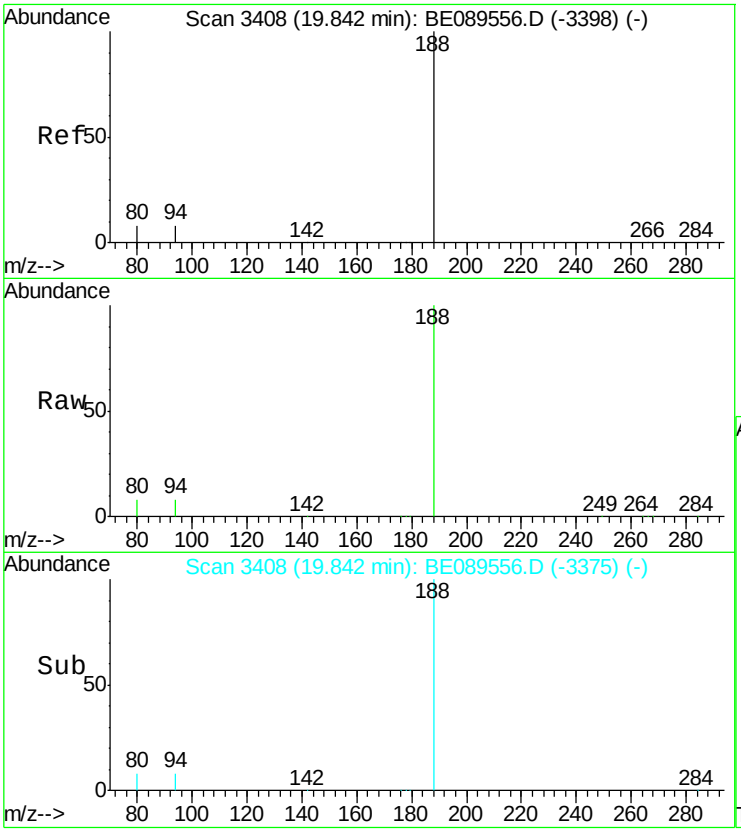


#10
Fluorene
Concen: 0.98 ng
RT: 17.83 min Scan# 3209
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Tgt Ion:166 Resp: 8107

Ion	Ratio	Lower	Upper
166	100		
165	93.9	75.1	112.7
167	13.3	10.6	16.0



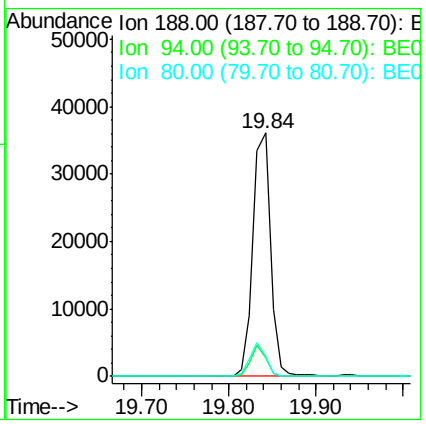


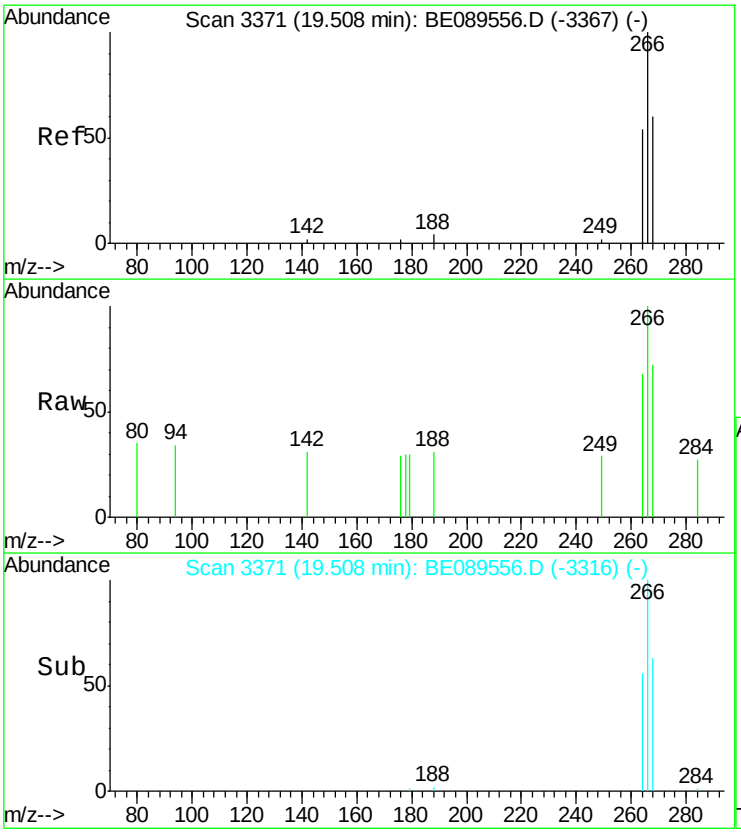
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.84 min Scan# 3408
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:188 Resp: 49646

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.2
80	8.0	6.4	9.6

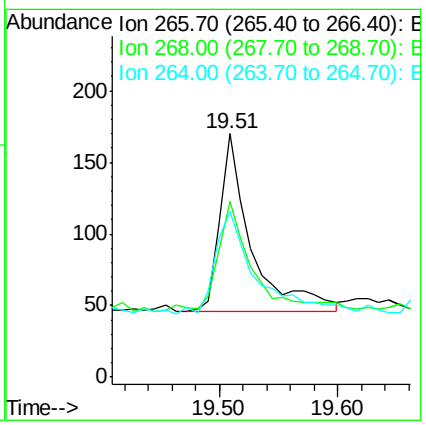


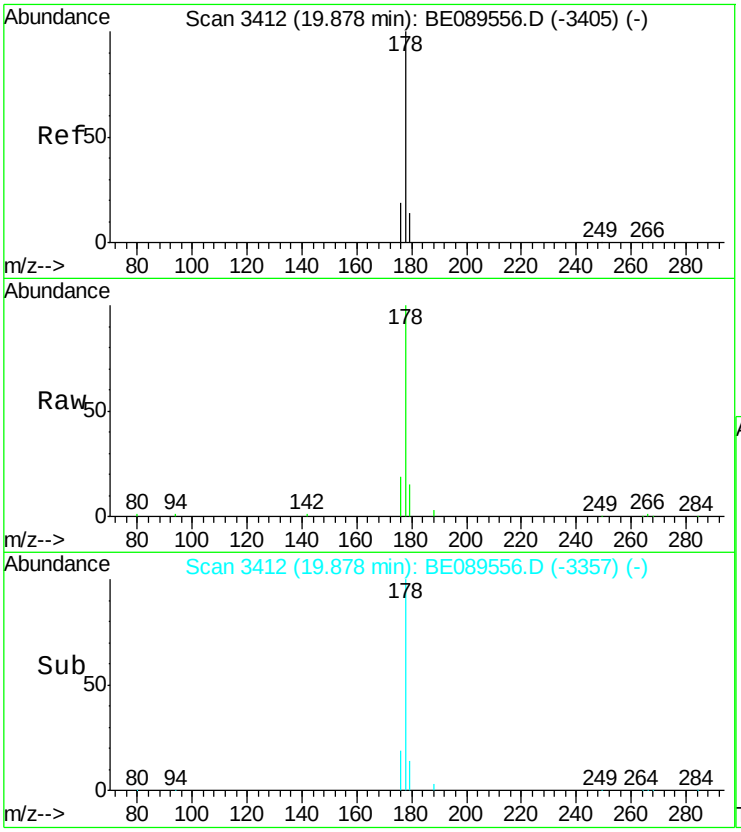


#12
Pentachlorophenol
Concen: 0.17 ng
RT: 19.51 min Scan# 3371
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Tgt Ion:266 Resp: 229

Ion	Ratio	Lower	Upper
266	100		
268	72.4	57.9	86.9
264	68.2	54.6	81.8



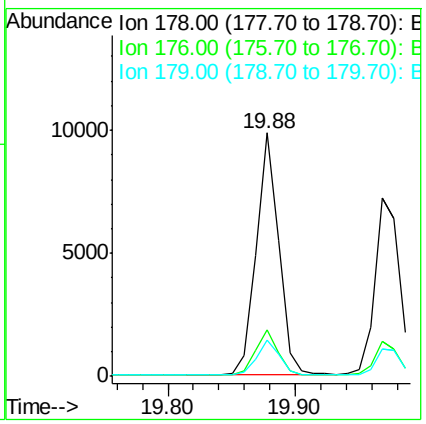


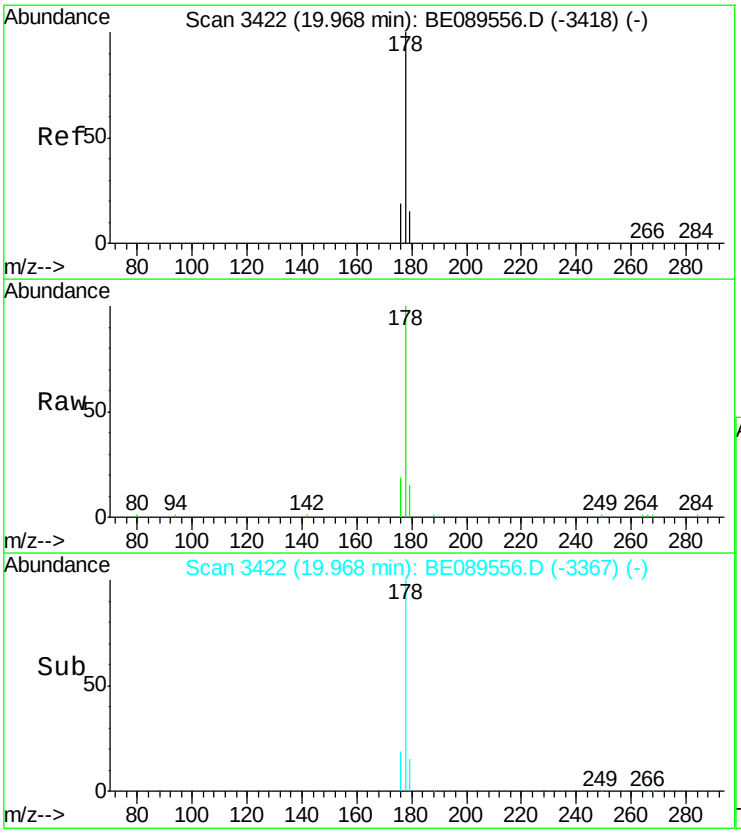
#13
Phenanthrene
Concen: 1.08 ng
RT: 19.88 min Scan# 3412
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:178 Resp: 12097

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.1	12.1	18.1

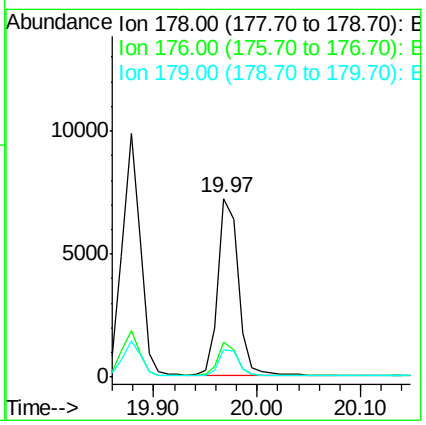


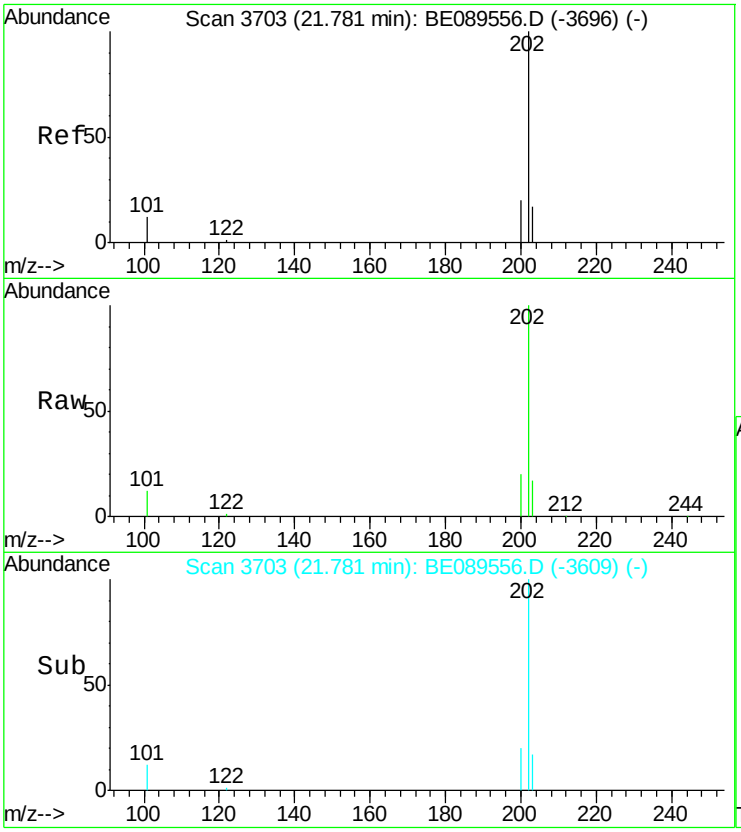


#14
Anthracene
Concen: 1.02 ng
RT: 19.97 min Scan# 3422
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Tgt Ion:178 Resp: 9811

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.9	12.7	19.1



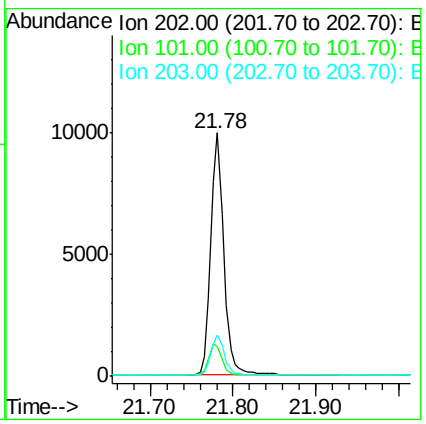


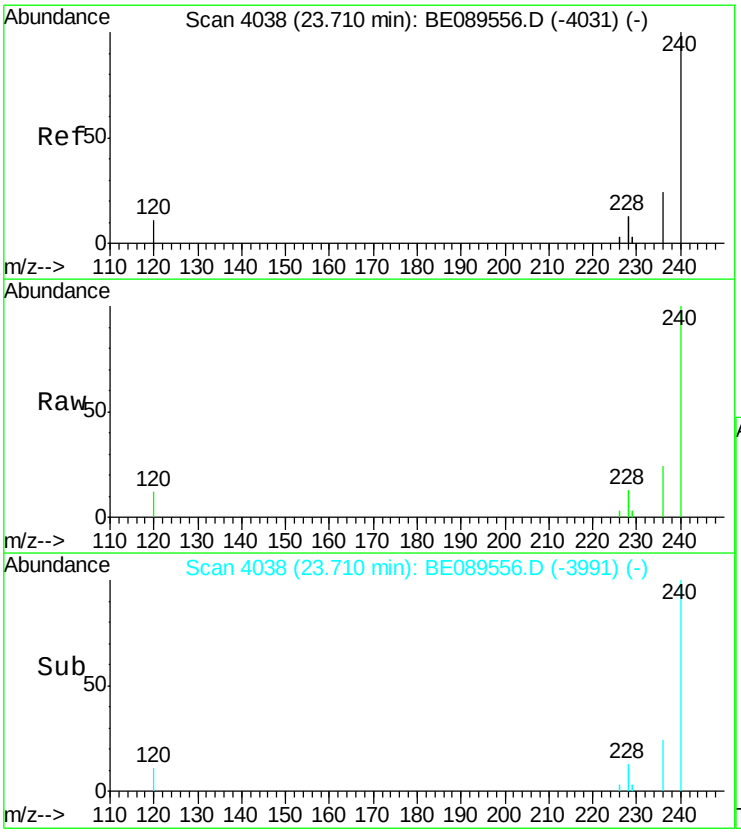
#15
Fluoranthene
Concen: 1.09 ng
RT: 21.78 min Scan# 3703
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:202 Resp: 10876

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.4	15.6
203	17.0	13.6	20.4

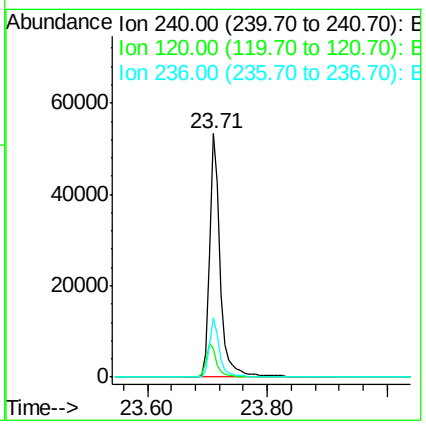


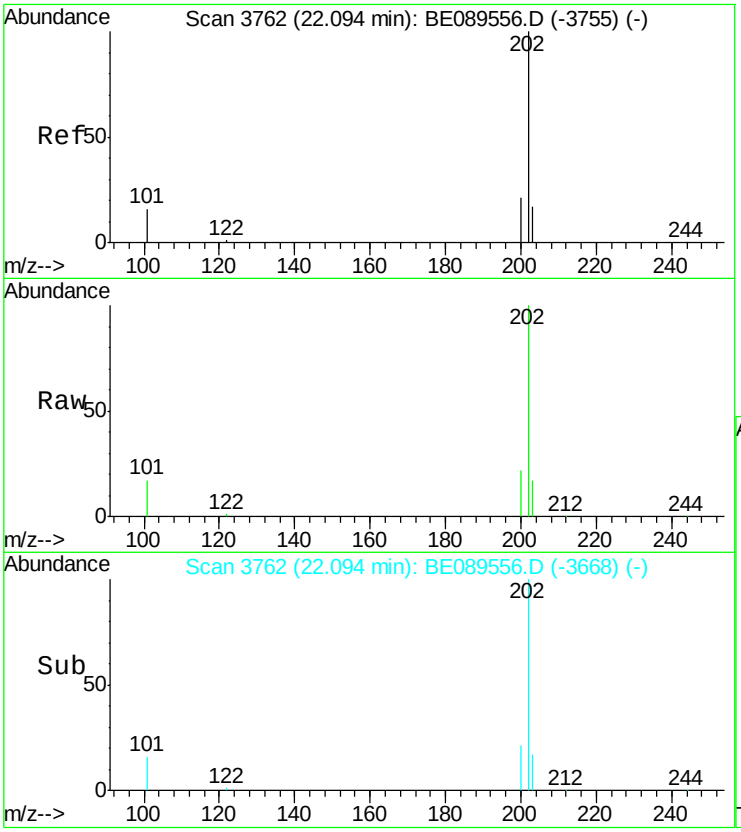


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 4038
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Tgt Ion:240 Resp: 64724

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.3	13.9
236	24.1	19.3	28.9



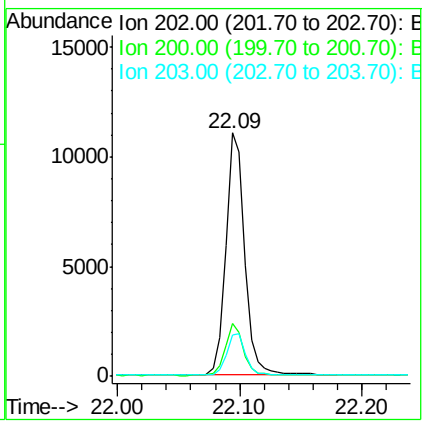


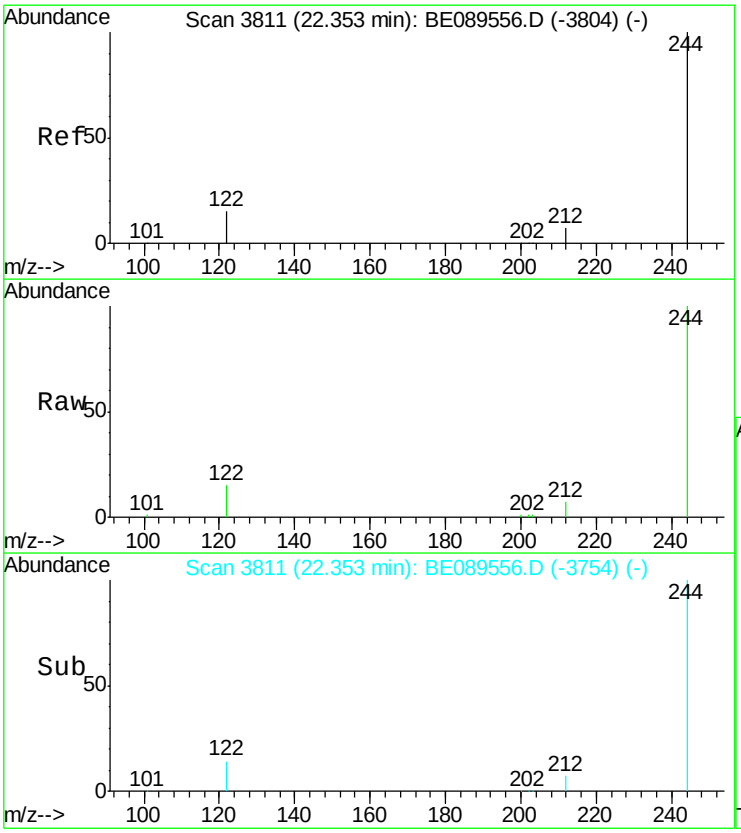
#17
Pyrene
Concen: 0.88 ng
RT: 22.09 min Scan# 3762
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:202 Resp: 11948

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.7	14.2	21.2

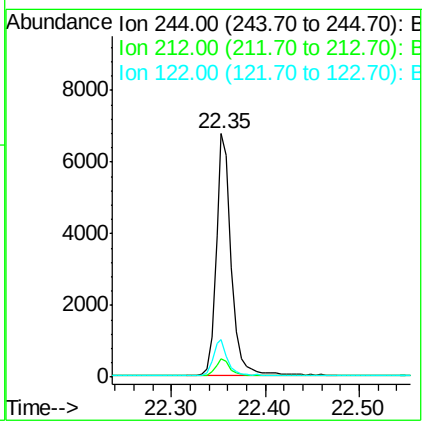


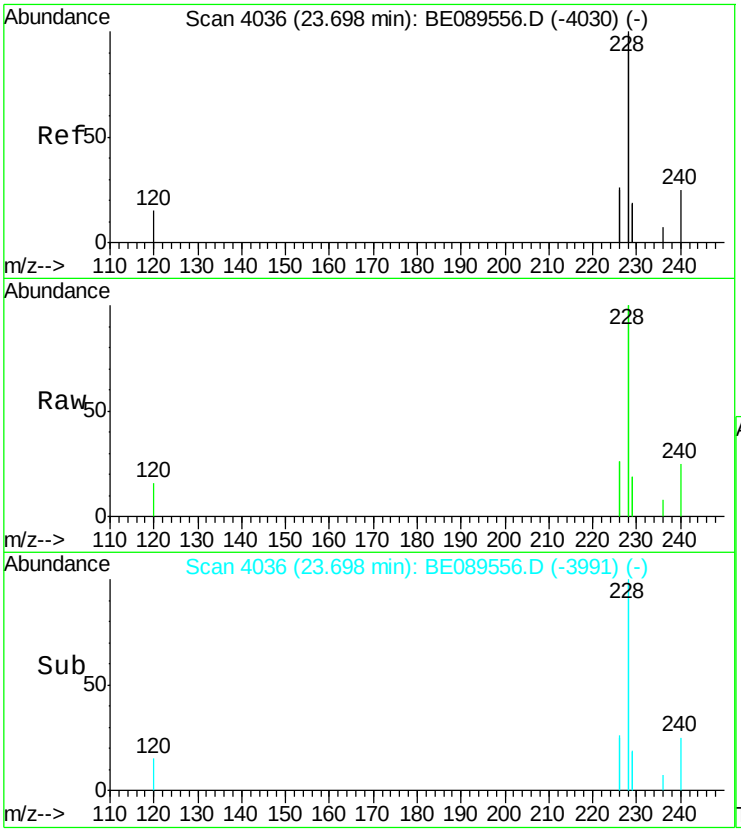


#18
Terphenyl-d14
Concen: 0.87 ng
RT: 22.35 min Scan# 3811
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Tgt Ion:244 Resp: 7608

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	15.2	12.2	18.2



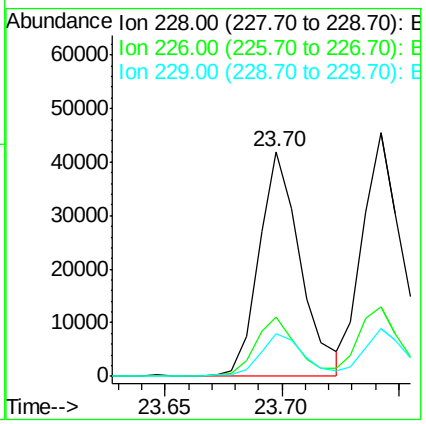


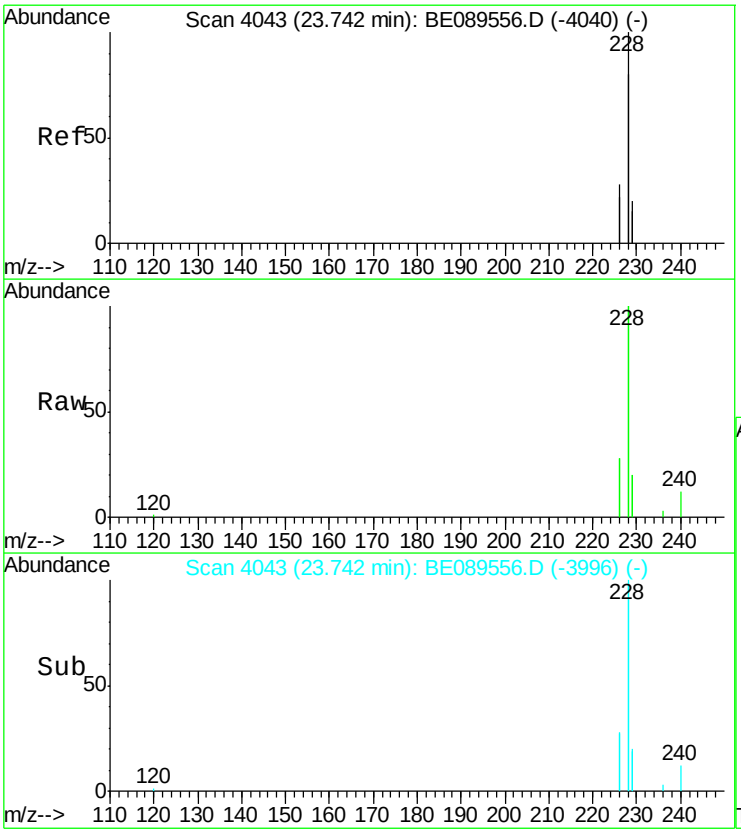
#19
Benzo(a)anthracene
Concen: 0.99 ng
RT: 23.70 min Scan# 4036
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:228 Resp: 50751

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.0	31.4
229	19.0	15.2	22.8

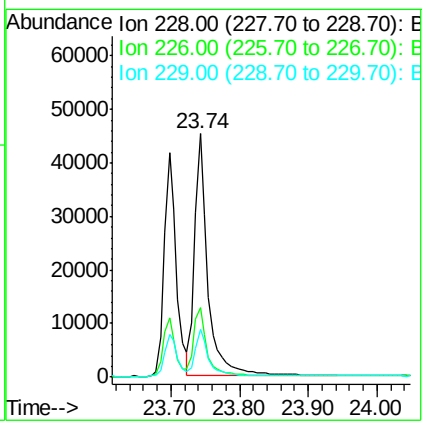


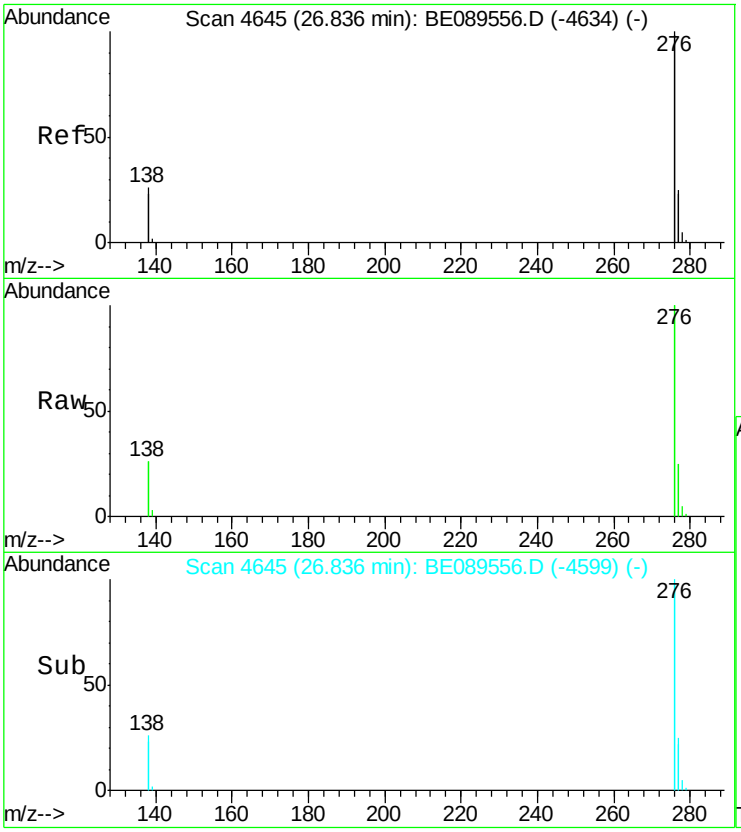


#20
Chrysene
Concen: 1.10 ng
RT: 23.74 min Scan# 4043
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Tgt Ion:228 Resp: 61046

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	34.0
229	19.5	15.6	23.4



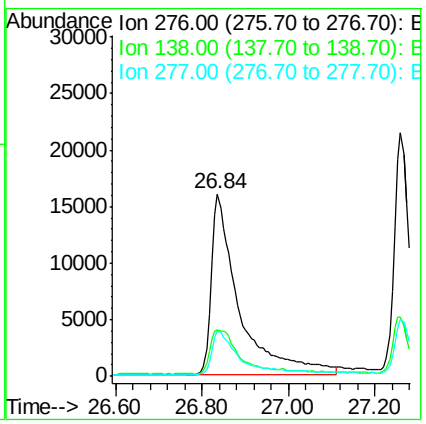


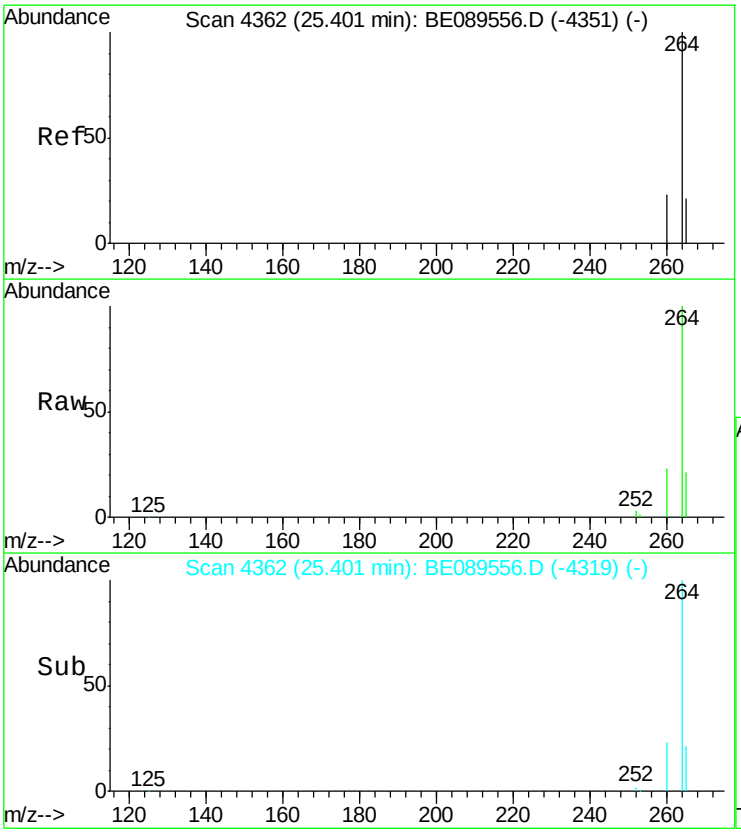
#21
Indeno(1,2,3-cd)pyrene
Concen: 1.51 ng
RT: 26.84 min Scan# 4645
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:276 Resp: 70711

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.4
277	24.5	19.6	29.4

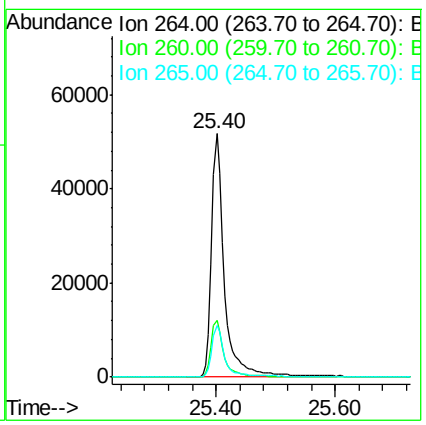


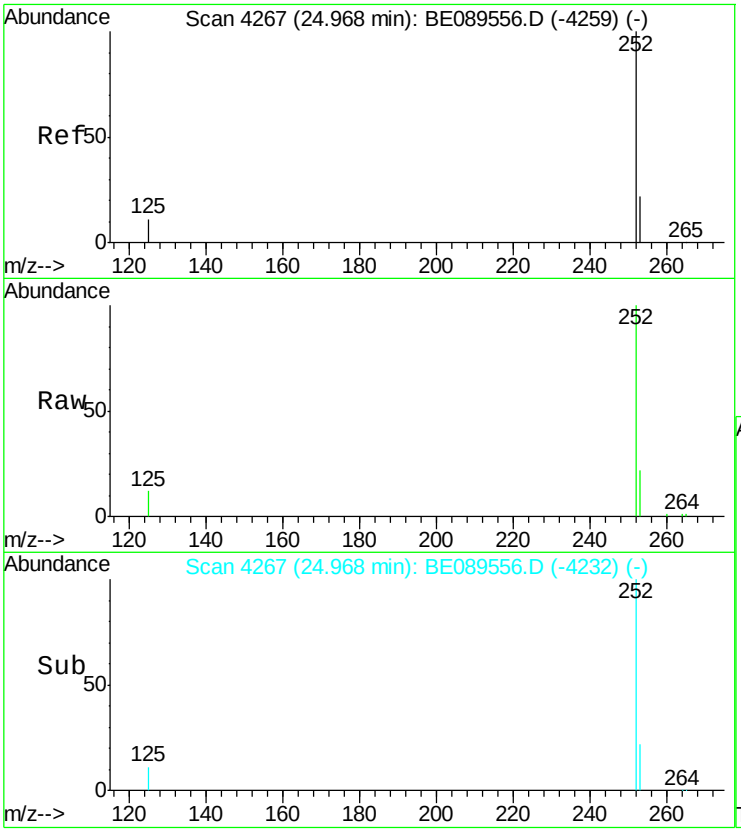


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.40 min Scan# 4362
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Tgt Ion:264 Resp: 76038

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.0	16.8	25.2



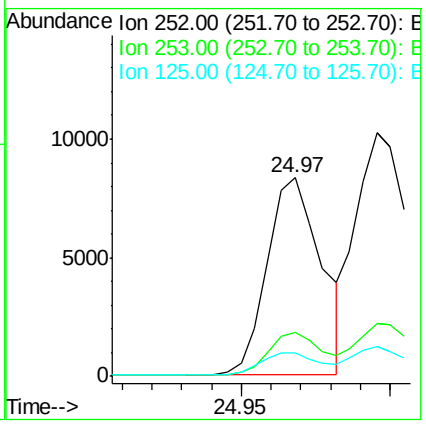


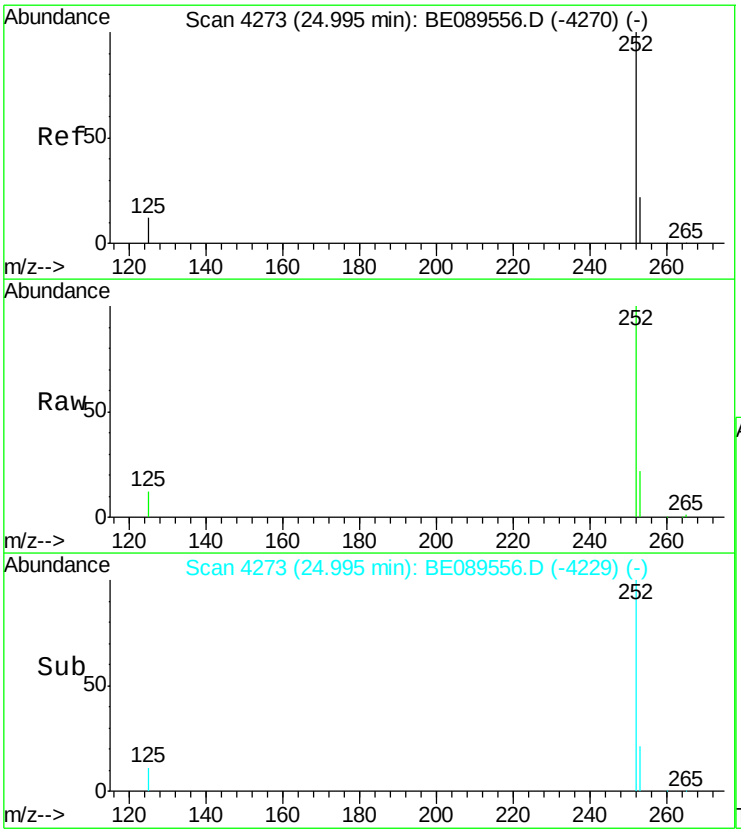
#23
Benzo(b)fluoranthene
Concen: 0.93 ng
RT: 24.97 min Scan# 4267
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 10520

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.6	9.3	13.9

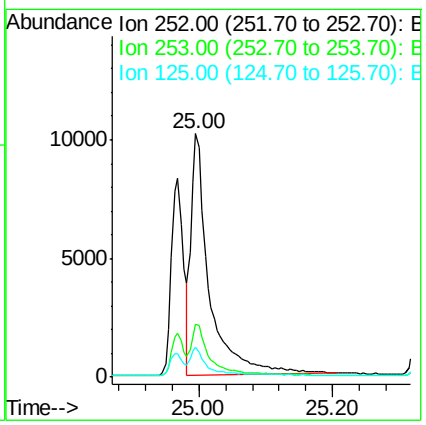


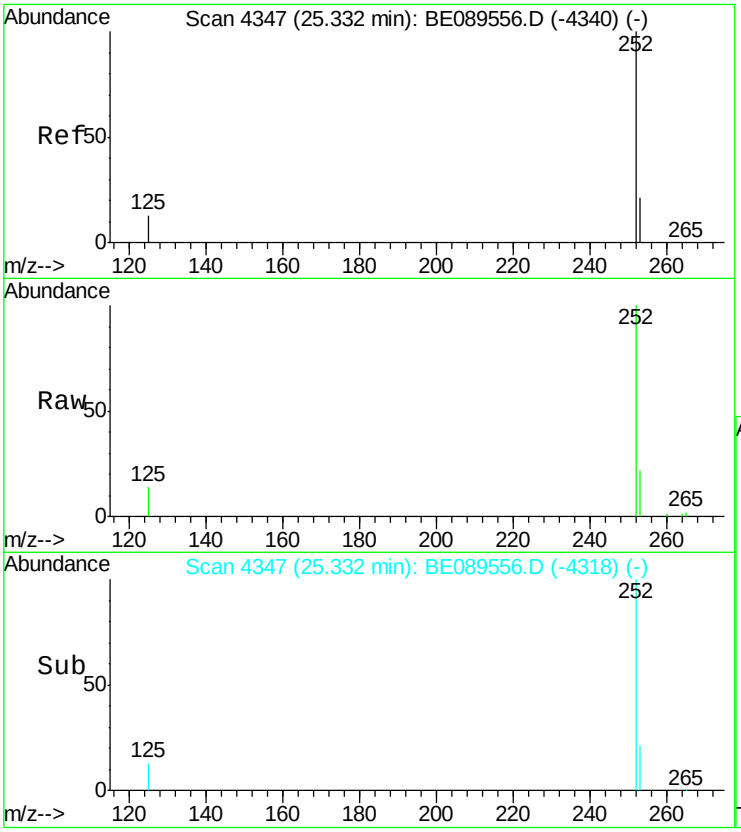


#24
Benzo(k)fluoranthene
Concen: 1.07 ng
RT: 25.00 min Scan# 4273
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Tgt Ion:252 Resp: 19288

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	12.0	9.6	14.4



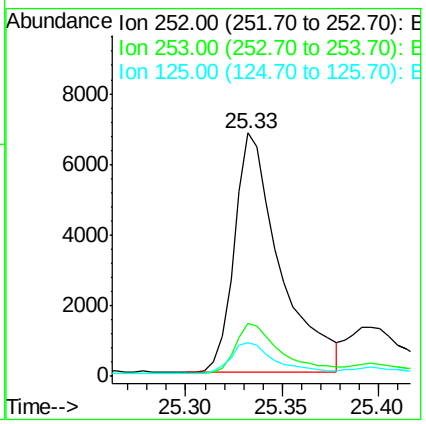


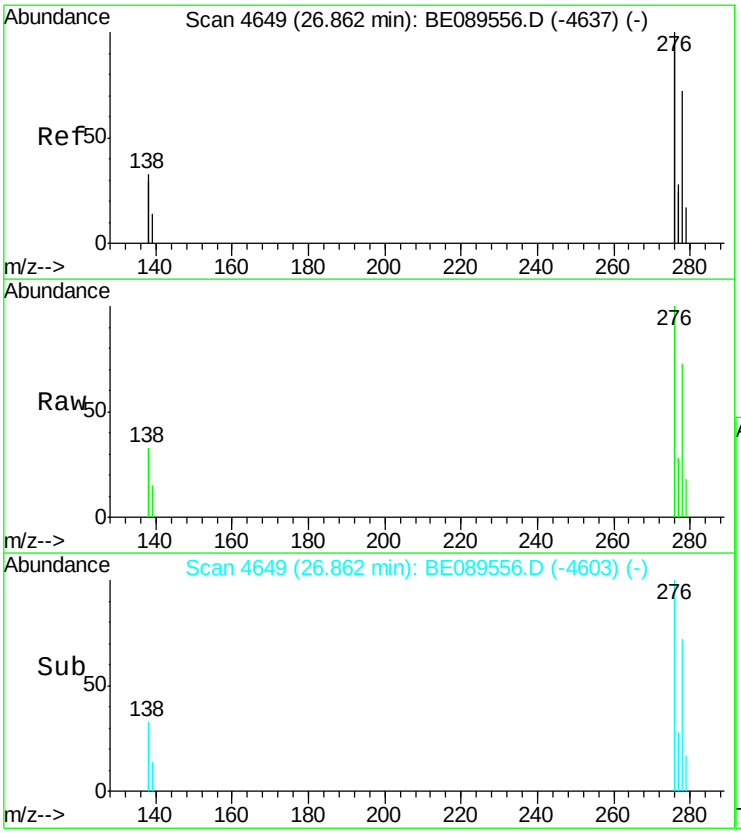
#25
Benzo(a)pyrene
Concen: 0.97 ng
RT: 25.33 min Scan# 4347
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 11144

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	13.9	11.1	16.7

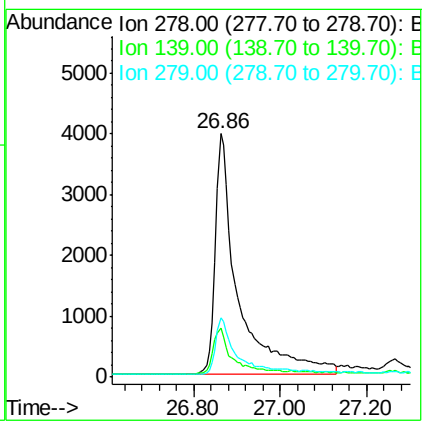


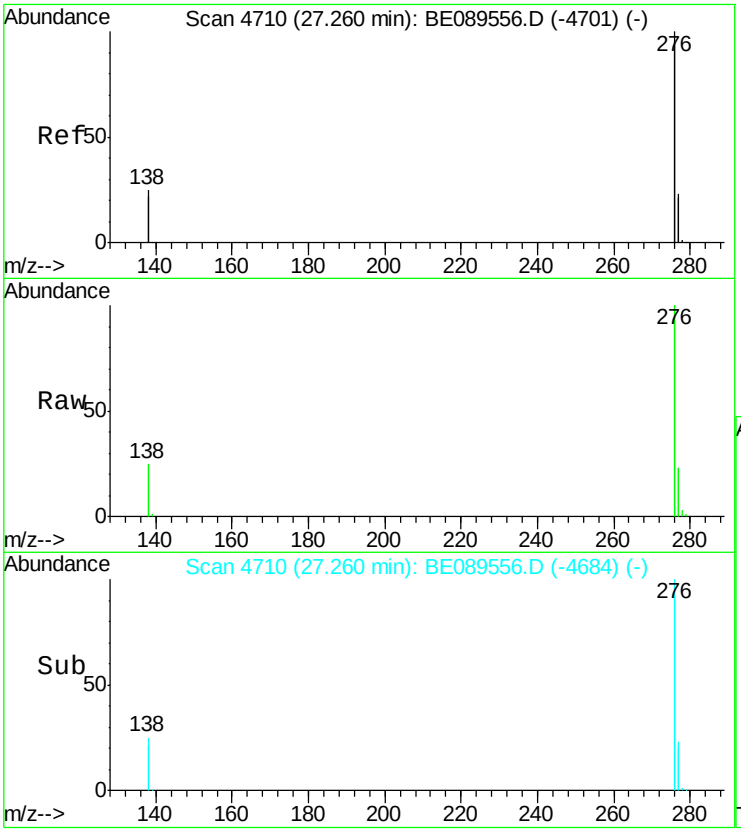


#26
Dibenzo(a,h)anthracene
Concen: 1.24 ng
RT: 26.86 min Scan# 4649
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Tgt Ion:278 Resp: 14616

Ion	Ratio	Lower	Upper
278	100		
139	20.1	16.1	24.1
279	24.5	19.6	29.4





#27
Benzo(g,h,i)perylene
Concen: 1.26 ng
RT: 27.26 min Scan# 4710
Delta R.T. 0.00 min
Lab File: BE089556.D
Acq: 10 Feb 2015 19:08

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:276 Resp: 66775

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	24.6	19.7	29.5