Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010715\
Data File : BE089340.D
Acq On : 7 Jan 2015 22:05
Operator : TP/IZ
Sample : SSTDICC001
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICCC001

Quant Time: Jan 08 05:28:50 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BASE-BE010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 05:21:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	17060	5.00	ng	0.00
2) Naphthalene-d8	8.51	136	65014	5.00	ng	0.00
6) Acenaphthene-d10	10.65	164	29882	5.00	ng	0.00
11) Phenanthrene-d10	12.72	188	45368	5.00	ng	0.00
15) Chrysene-d12	18.07	240	34829	5.00	ng	0.00
21) Perylene-d12	21.12	264	32358	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	7.65	82	4713	1.15	ng	0.00
7) 2-Fluorobiphenyl	9.85	172	8419	1.08	ng	0.00
17) Terphenyl-d14	15.84	244	6081	1.18	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	8.53	128	15147	1.16	ng	100
5) 2-Methylnaphthalene	9.39	142	9409	1.21	ng	100
8) Acenaphthylene	10.48	152	53092	1.25	ng	100
9) Acenaphthene	10.69	154	8035	1.22	ng	100
10) Fluorene	11.34	166	8607	1.20	ng	100
12) Phenanthrene	12.75	178	48220	1.15	ng	100
13) Anthracene	12.84	178	47322	1.23	ng	100
14) Fluoranthene	14.95	202	10780	1.19	ng	100
16) Pyrene	15.40	202	11442	1.34	ng	100
18) Benzo(a)anthracene	18.05	228	35136	1.22	ng	100
19) Chrysene	18.12	228	36781	1.23	ng	100
20) Indeno(1,2,3-cd)pyrene	23.22	276	23482	0.82	ng	100
22) Benzo(b)fluoranthene	20.37	252	7252	1.13	ng	100
23) Benzo(k)fluoranthene	20.42	252	9270	1.12	ng	100
24) Benzo(a)pyrene	21.01	252	7066	1.16	ng	100
25) Dibenzo(a,h)anthracene	23.30	278	6644	1.04	ng	100
26) Benzo(g,h,i)perylene	23.80	276	33099	1.14	ng	100

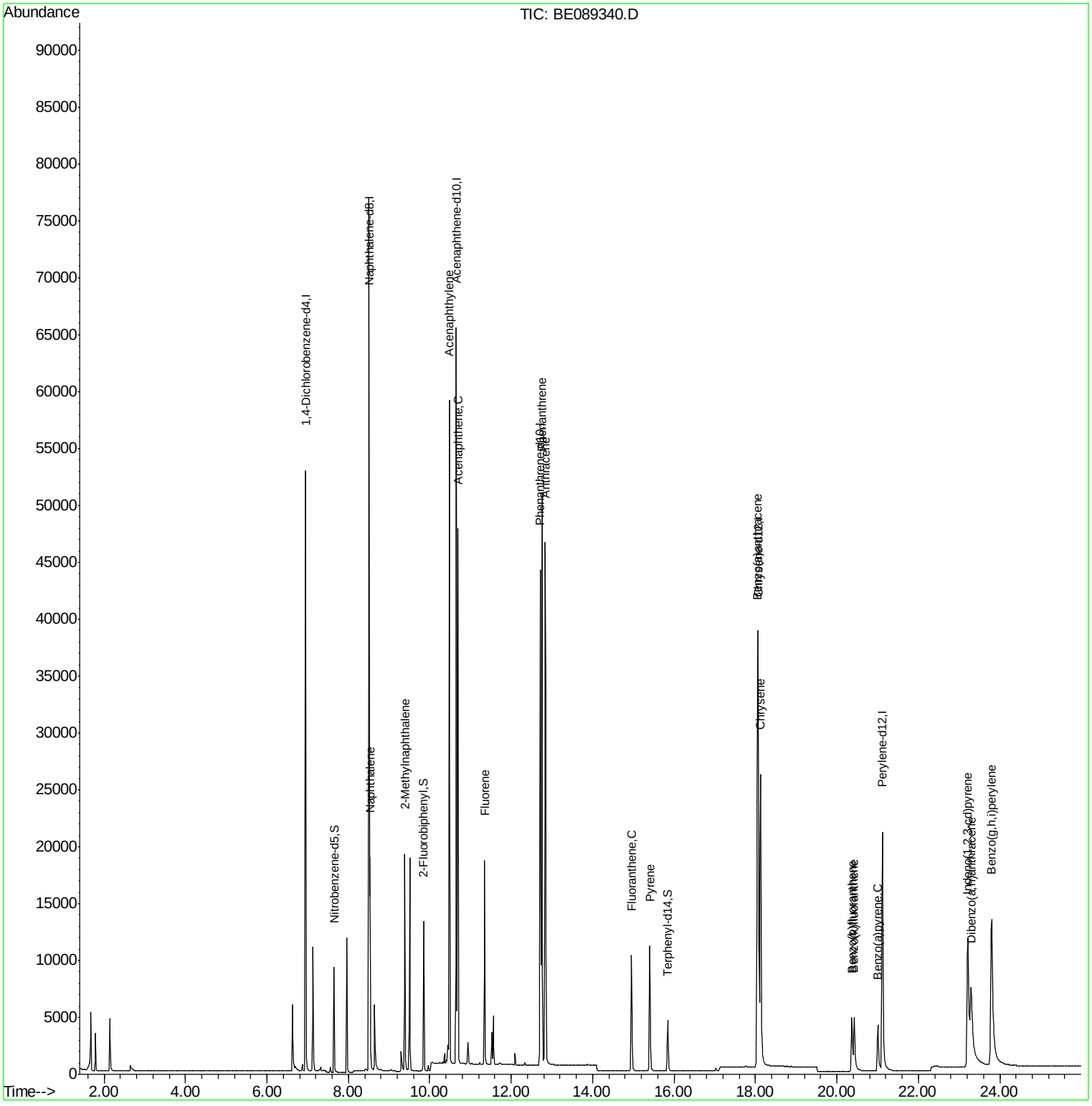
(#) = qualifier out of range (m) = manual integration (+) = signals summed

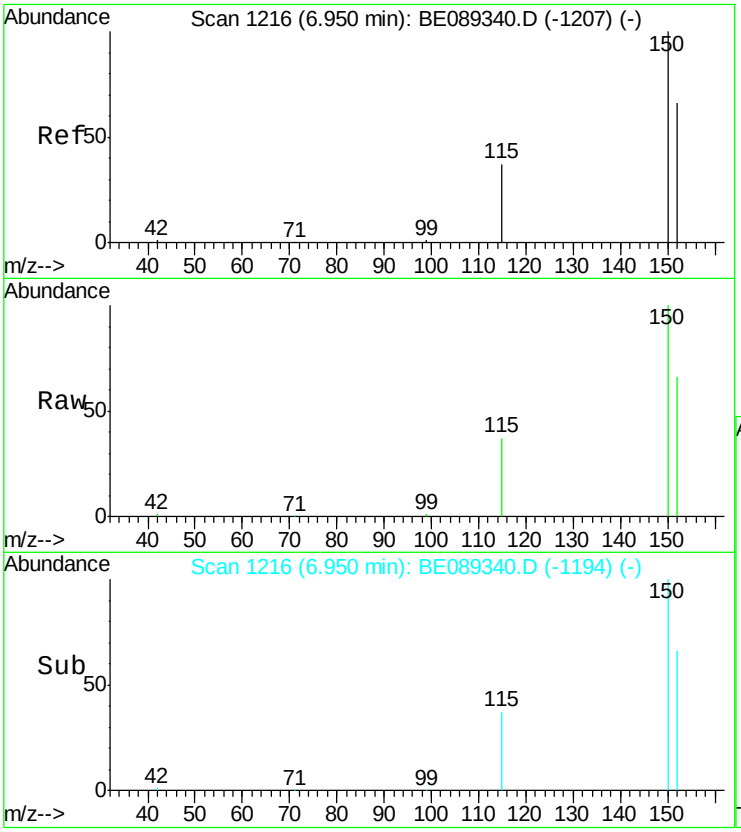
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010715\
Data File : BE089340.D
Acq On : 7 Jan 2015 22:05
Operator : TP/IZ
Sample : SSTDICC001
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Quant Time: Jan 08 05:28:50 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BASE-BE010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 05:21:18 2015
Response via : Initial Calibration



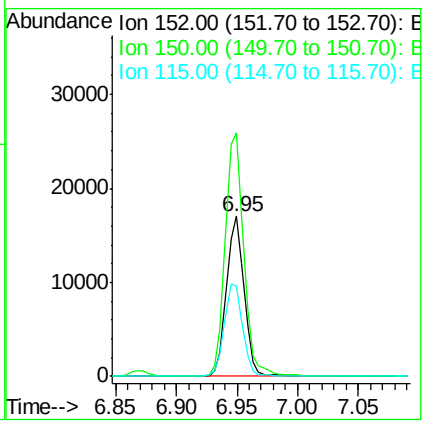


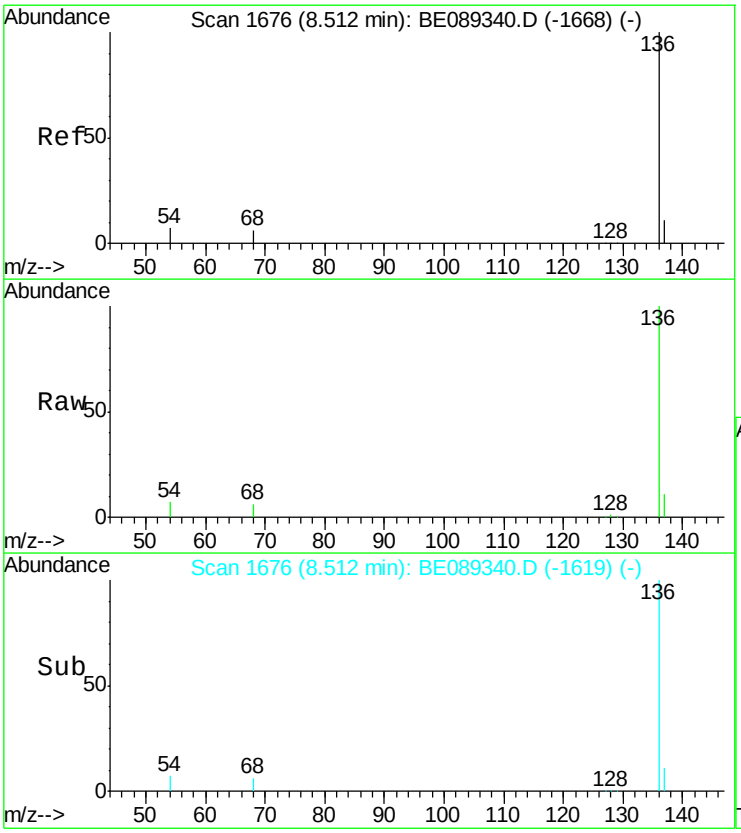
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.95 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:152 Resp: 17060

Ion	Ratio	Lower	Upper
152	100		
150	151.9	121.5	182.3
115	56.5	45.2	67.8

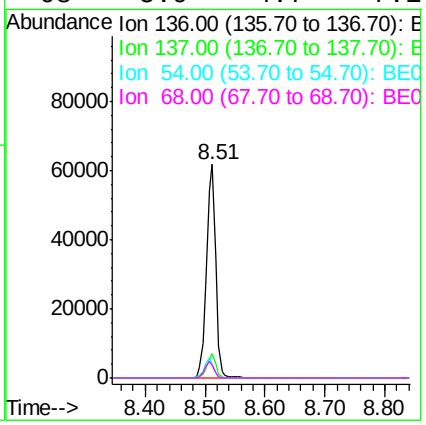


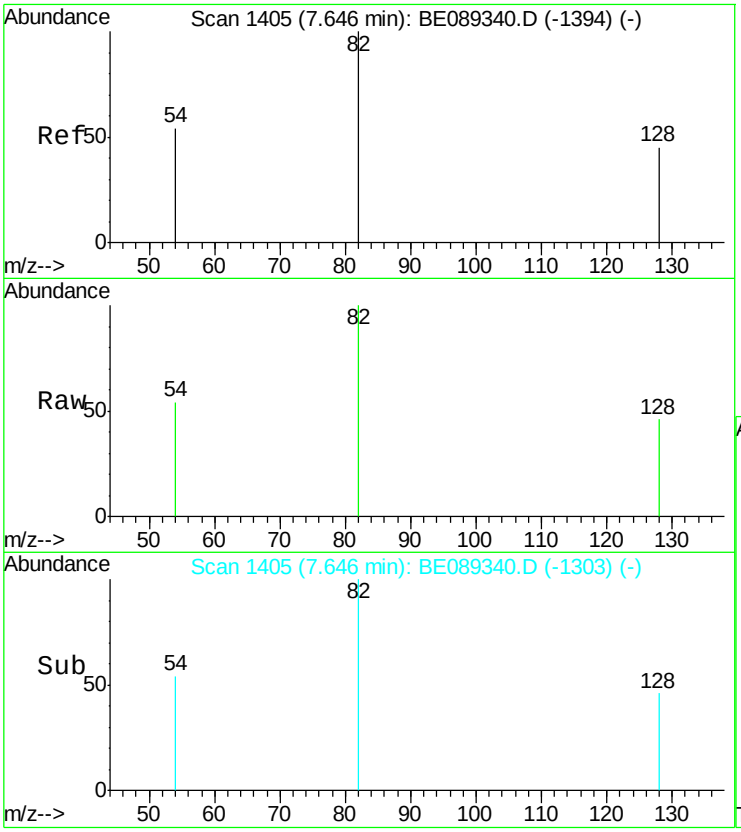


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 8.51 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Tgt Ion:136 Resp: 65014

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.7	5.4	8.0
68	5.9	4.7	7.1



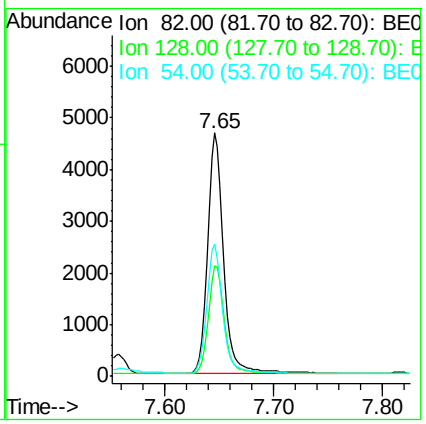


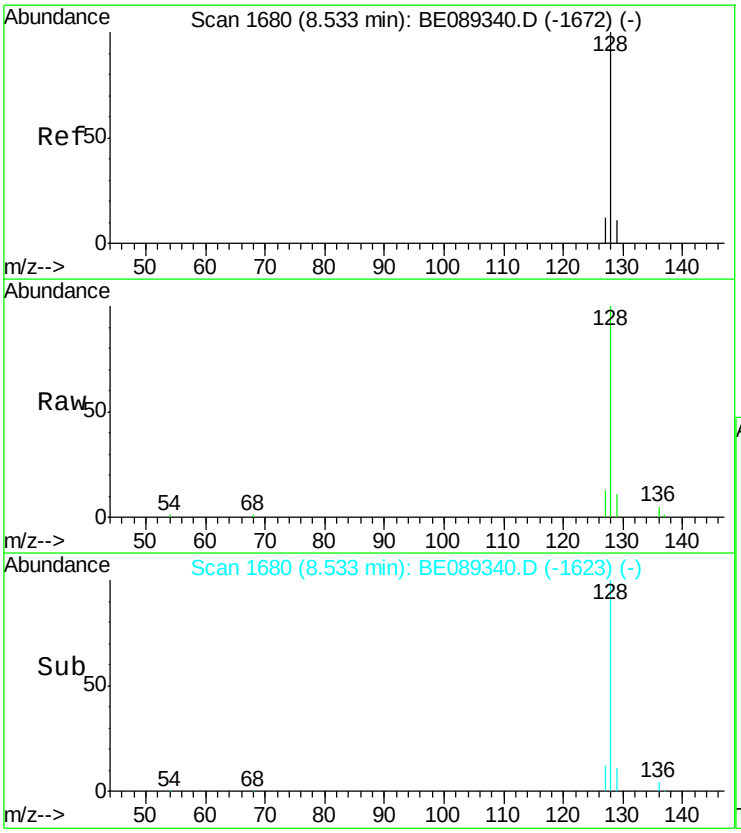
#3
Nitrobenzene-d5
Concen: 1.15 ng
RT: 7.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion: 82 Resp: 4713

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	54.4	43.5	65.3

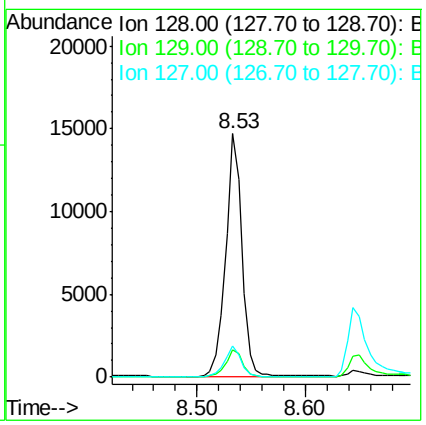


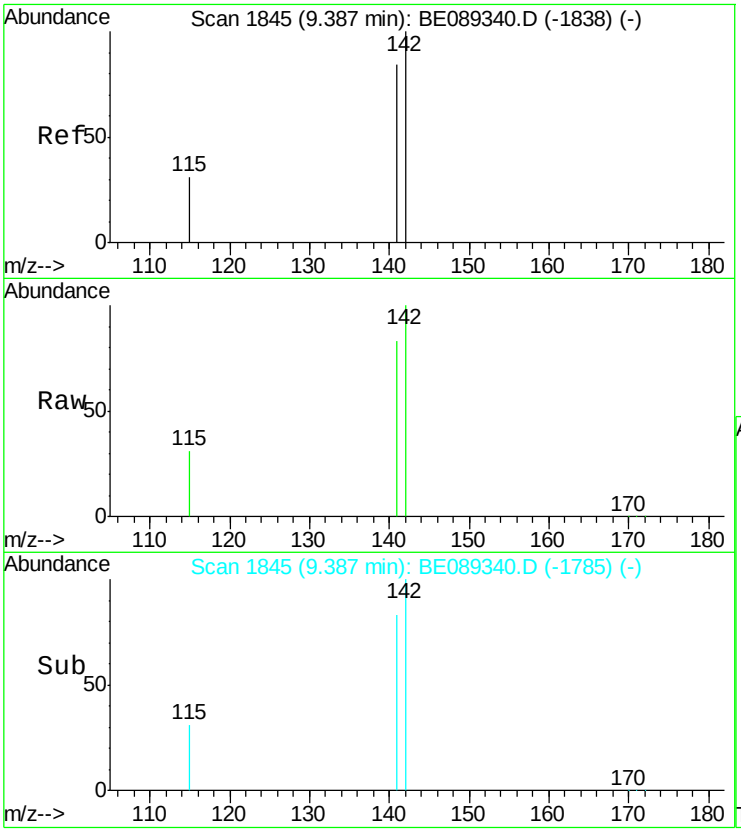


#4
Naphthalene
Concen: 1.16 ng
RT: 8.53 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Tgt Ion:128 Resp: 15147

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.5	10.0	15.0



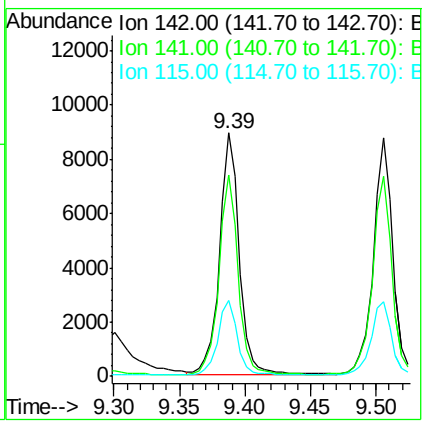


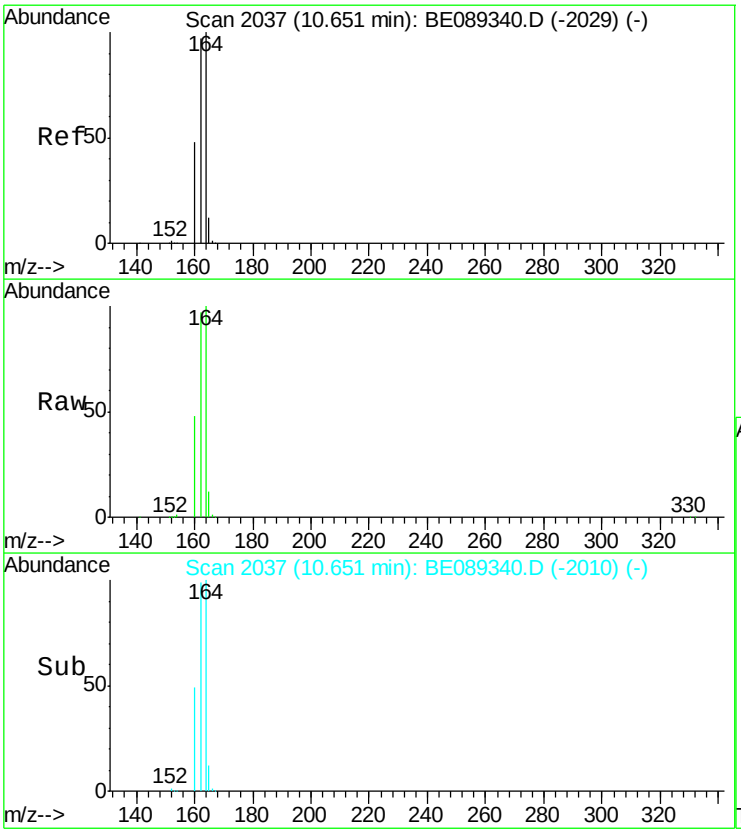
#5
2-Methylnaphthalene
Concen: 1.21 ng
RT: 9.39 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:142 Resp: 9409

Ion	Ratio	Lower	Upper
142	100		
141	82.9	66.3	99.5
115	31.5	25.2	37.8

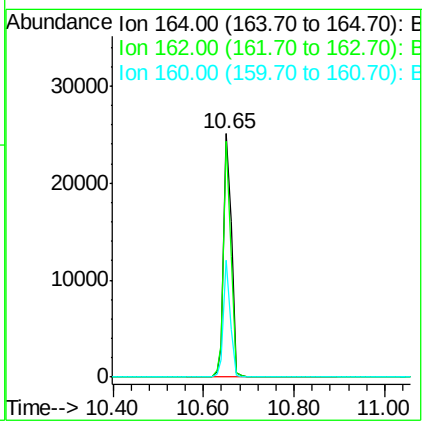


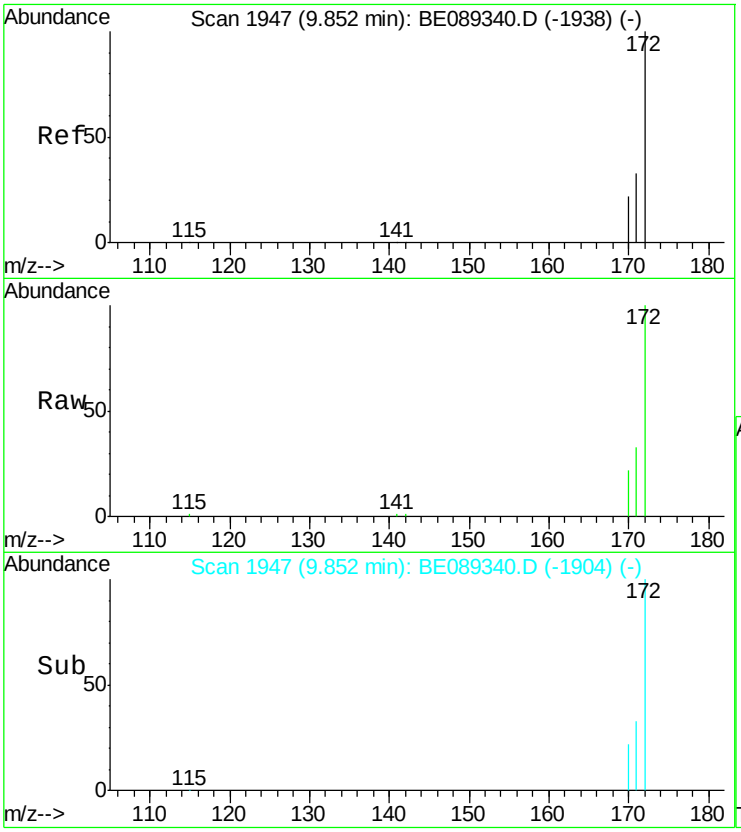


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.65 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Tgt Ion:164 Resp: 29882

Ion	Ratio	Lower	Upper
164	100		
162	96.8	77.4	116.2
160	47.8	38.2	57.4



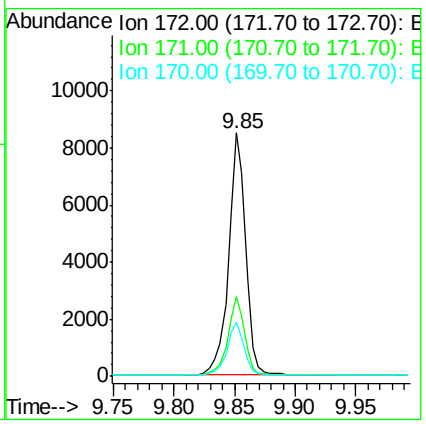


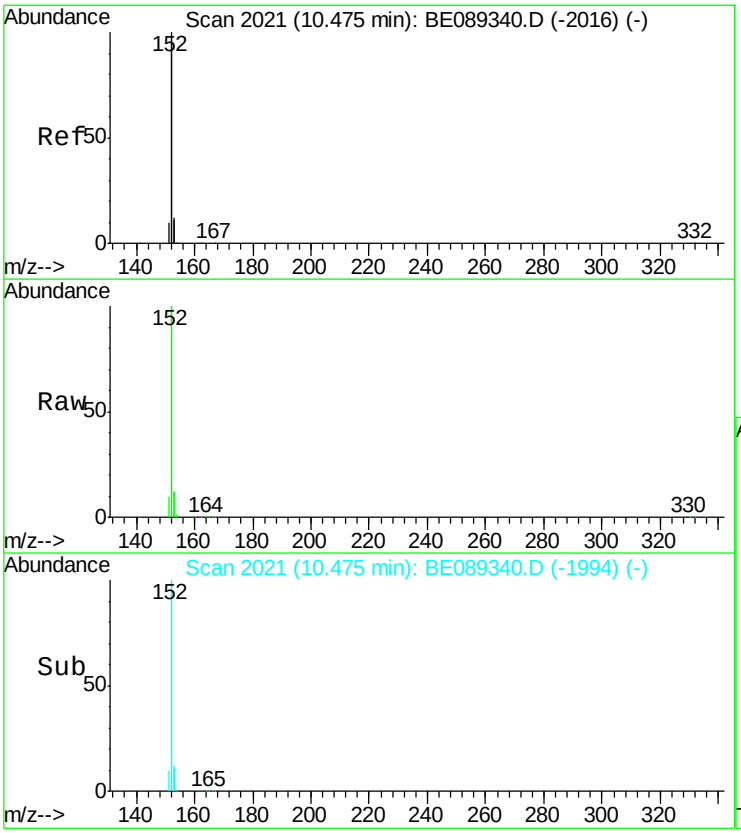
#7
2-Fluorobiphenyl
Concen: 1.08 ng
RT: 9.85 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:172 Resp: 8419

Ion	Ratio	Lower	Upper
172	100		
171	33.0	26.4	39.6
170	22.5	18.0	27.0

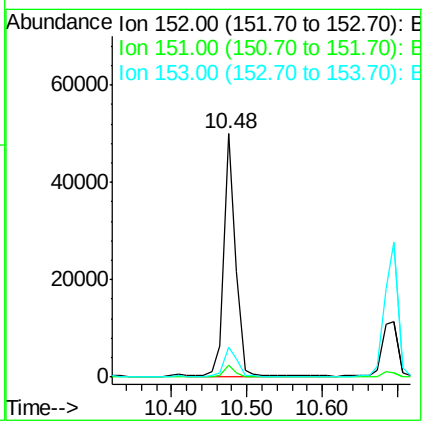


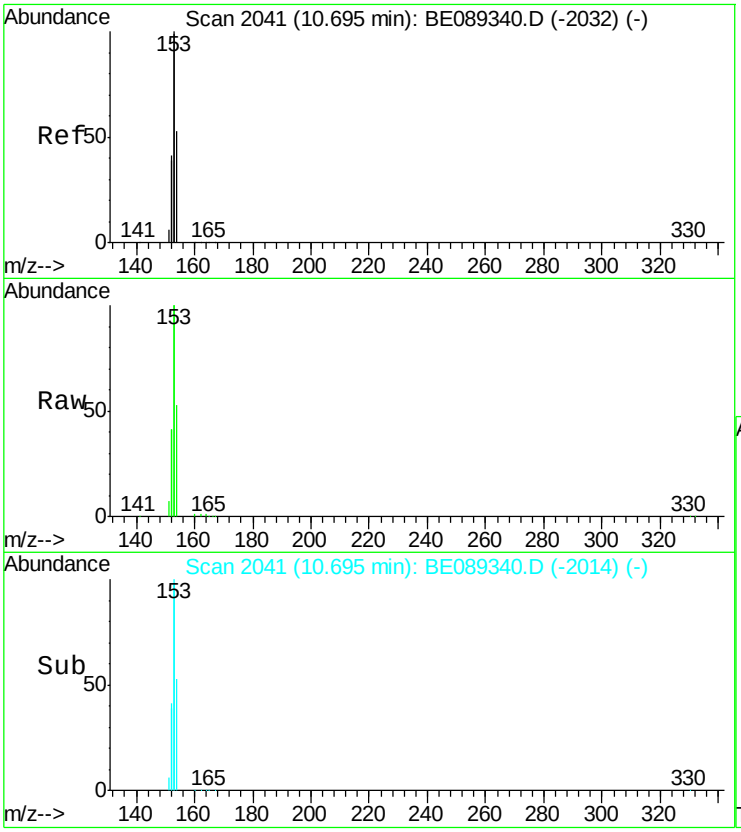


#8
Acenaphthylene
Concen: 1.25 ng
RT: 10.48 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Tgt Ion:152 Resp: 53092

Ion	Ratio	Lower	Upper
152	100		
151	5.1	4.1	6.1
153	12.2	9.8	14.6



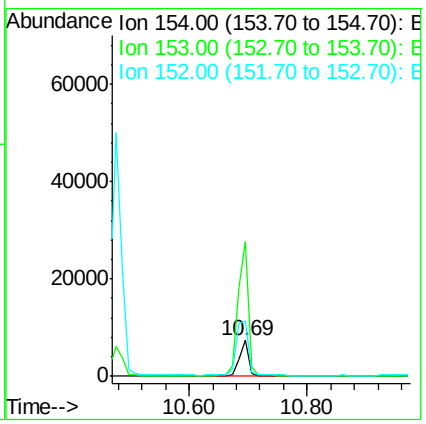


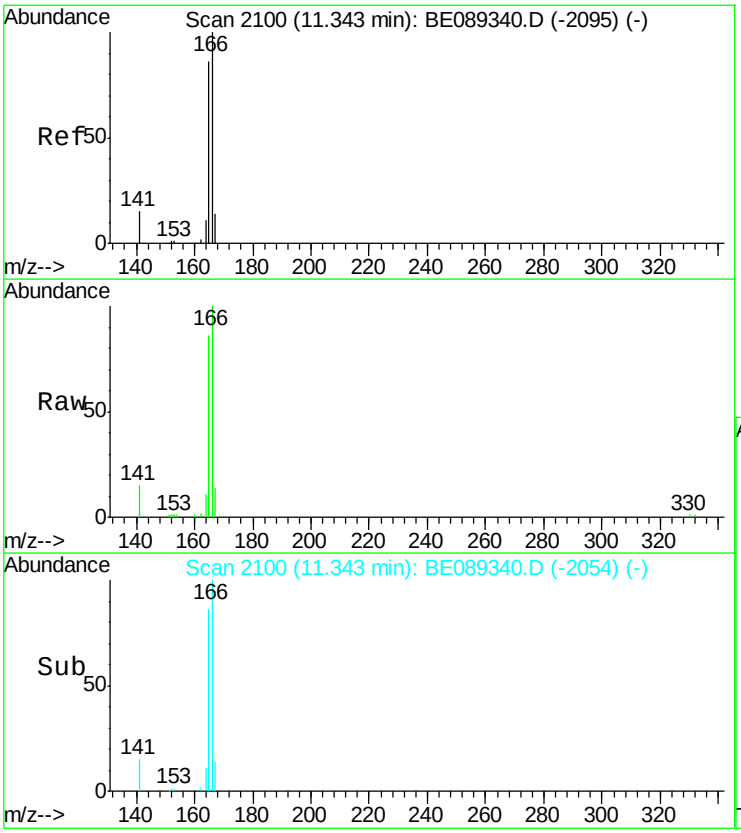
#9
Acenaphthene
Concen: 1.22 ng
RT: 10.69 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:154 Resp: 8035

Ion	Ratio	Lower	Upper
154	100		
153	375.7	300.6	450.8
152	154.1	123.3	184.9

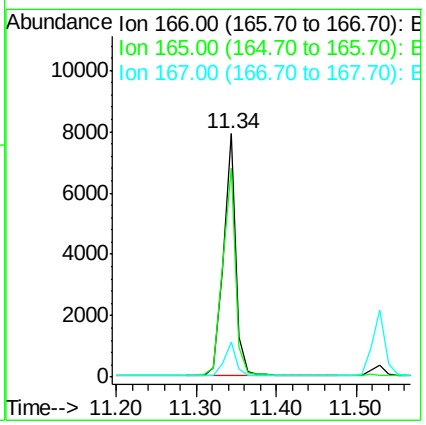


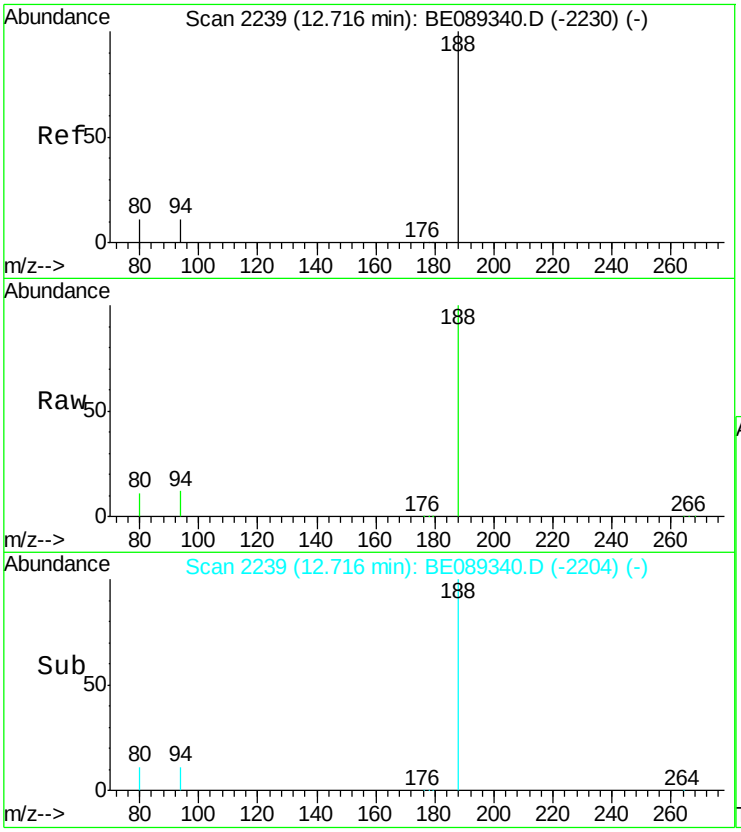


#10
Fluorene
Concen: 1.20 ng
RT: 11.34 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Tgt Ion:166 Resp: 8607

Ion	Ratio	Lower	Upper
166	100		
165	90.1	72.1	108.1
167	13.7	11.0	16.4



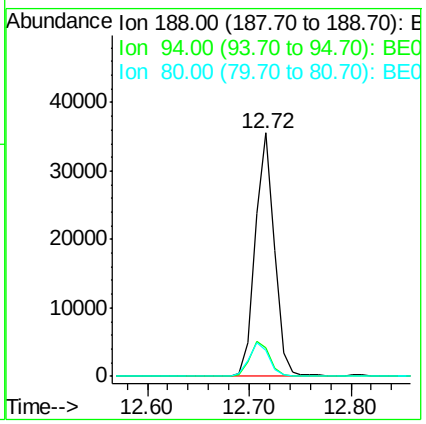


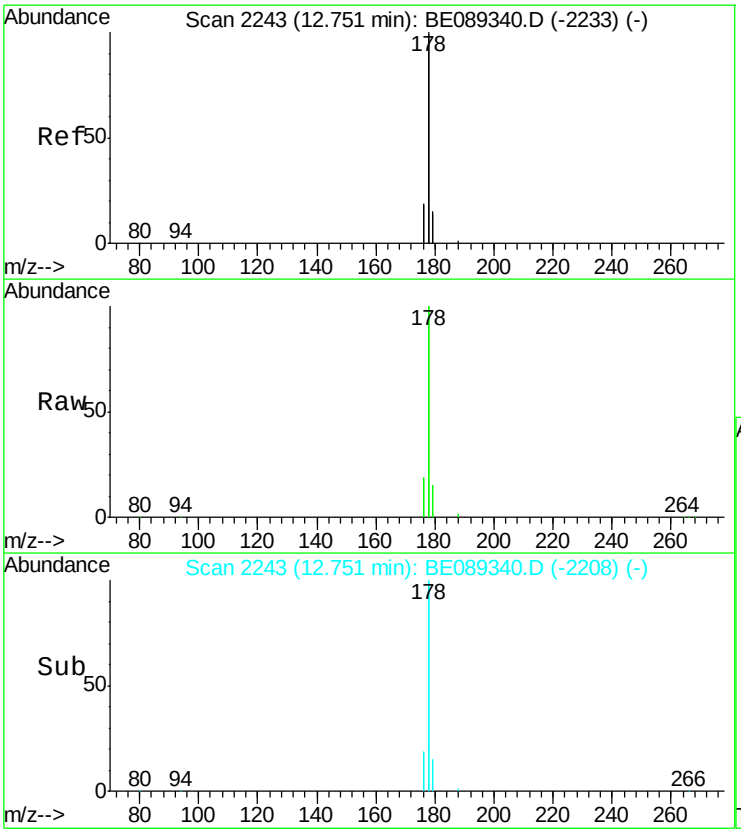
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.72 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:188 Resp: 45368

Ion	Ratio	Lower	Upper
188	100		
94	11.6	11.0	12.2
80	10.6	10.1	11.1

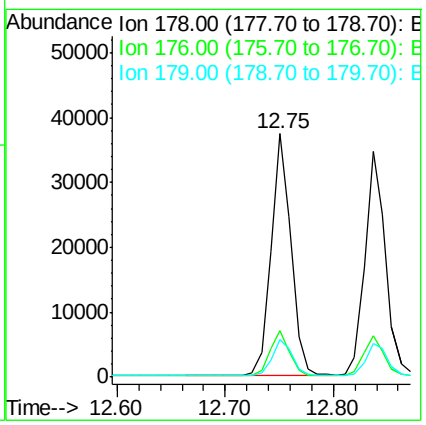


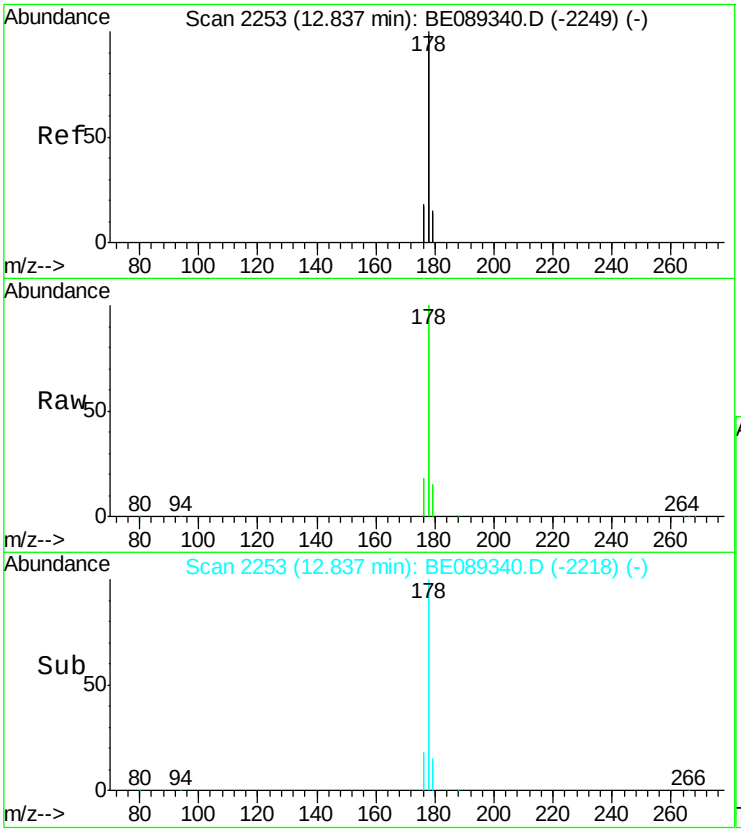


#12
Phenanthrene
Concen: 1.15 ng
RT: 12.75 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Tgt Ion:178 Resp: 48220

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.2	12.2	18.2



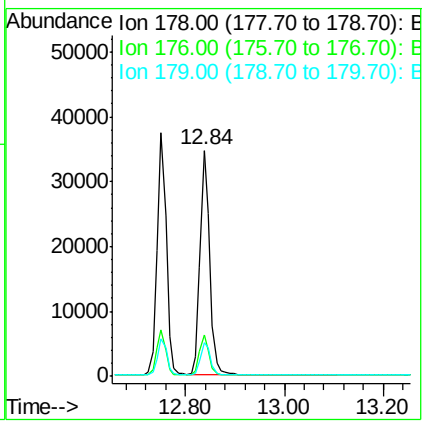


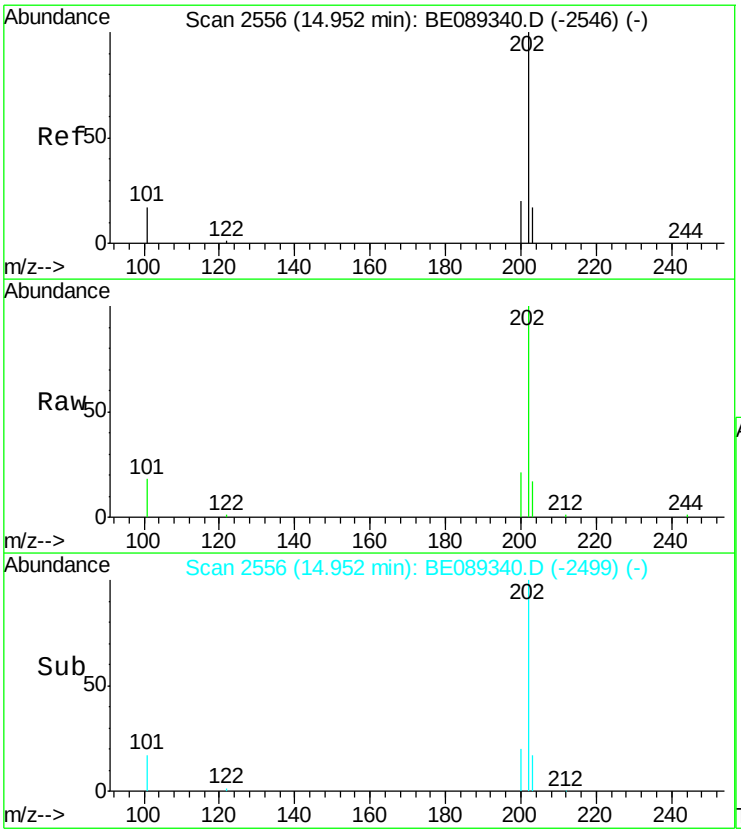
#13
Anthracene
Concen: 1.23 ng
RT: 12.84 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:178 Resp: 47322

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.0	12.0	18.0

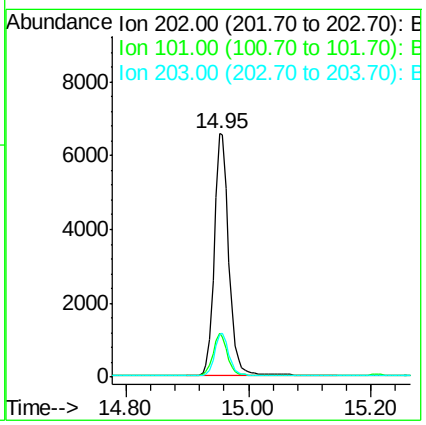


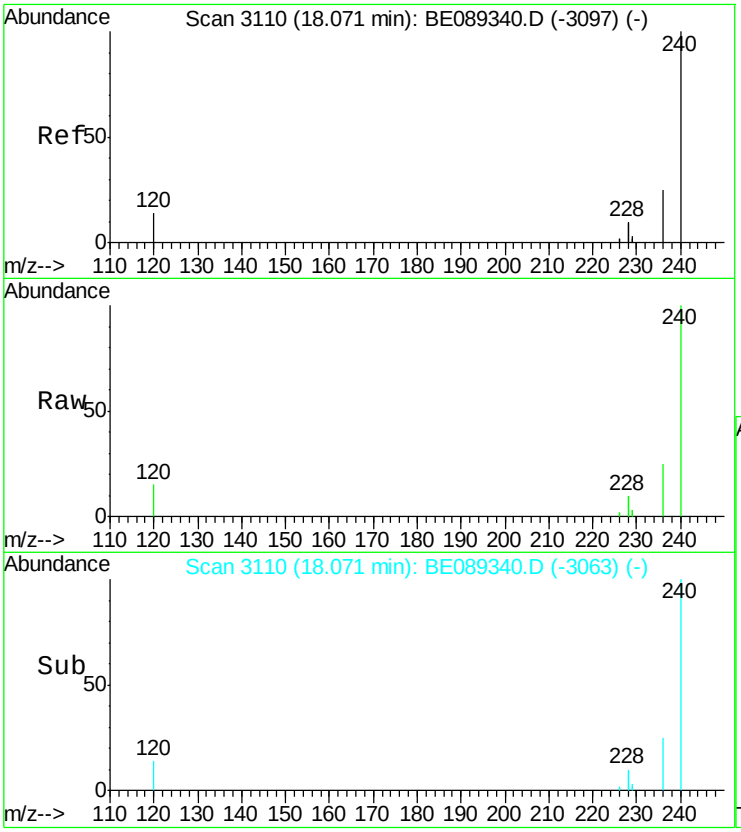


#14
Fluoranthene
Concen: 1.19 ng
RT: 14.95 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Tgt Ion:202 Resp: 10780

Ion	Ratio	Lower	Upper
202	100		
101	17.9	0.0	37.9
203	17.5	0.0	37.5



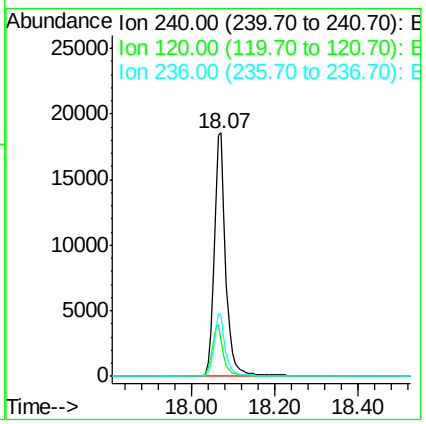


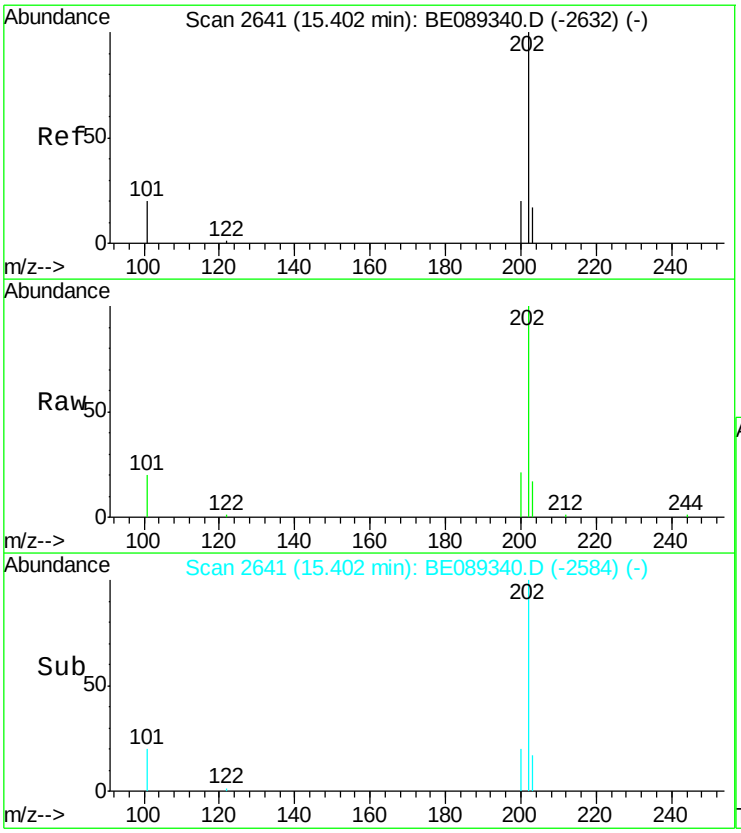
#15
Chrysene-d12
Concen: 5.00 ng
RT: 18.07 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:240 Resp: 34829

Ion	Ratio	Lower	Upper
240	100		
120	14.7	11.8	17.6
236	25.0	20.0	30.0

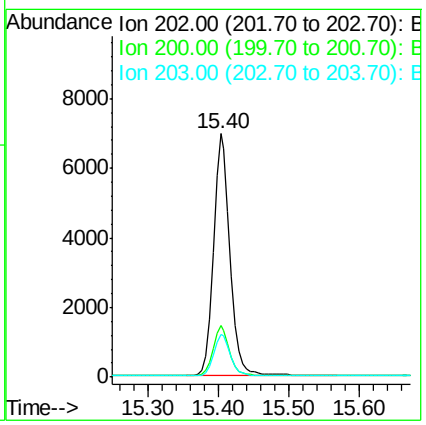


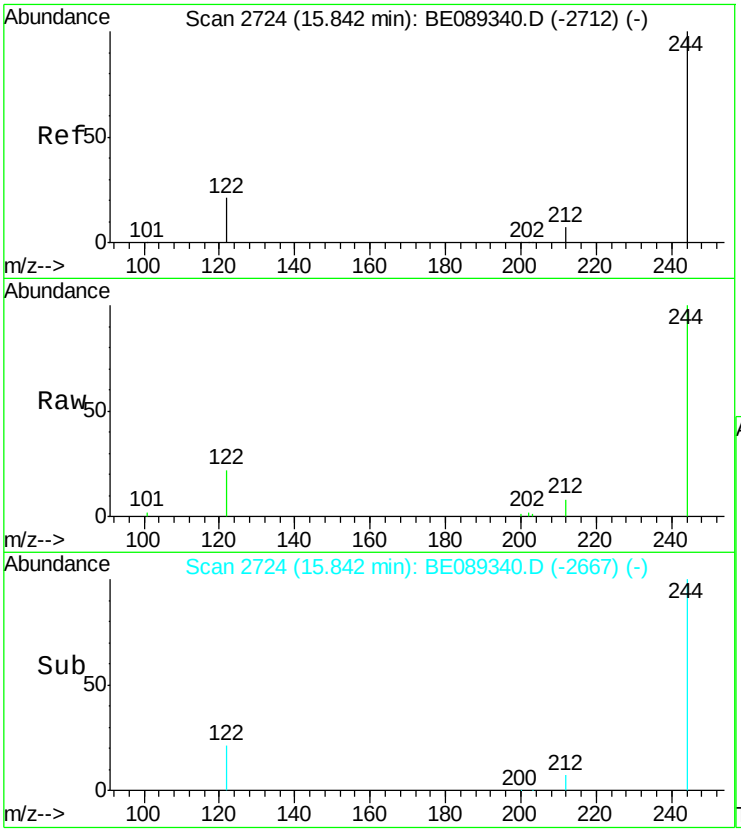


#16
Pyrene
Concen: 1.34 ng
RT: 15.40 min Scan# 2641
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Tgt Ion:202 Resp: 11442

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.5	14.0	21.0



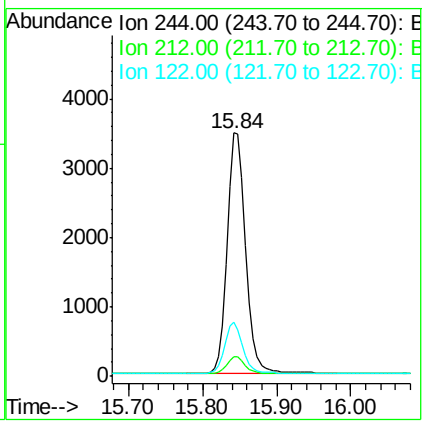


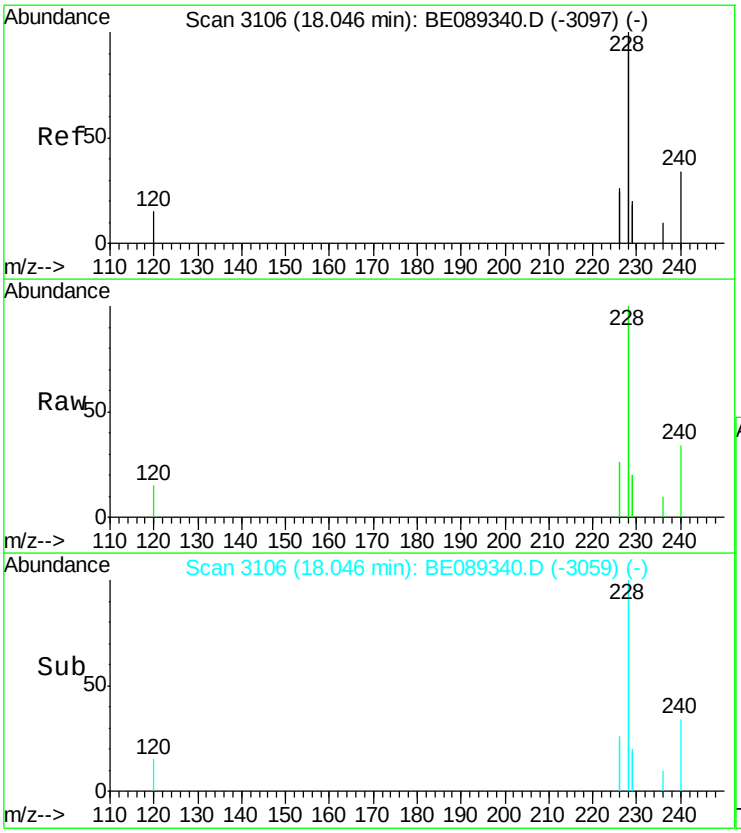
#17
Terphenyl-d14
Concen: 1.18 ng
RT: 15.84 min Scan# 2724
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:244 Resp: 6081

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	22.1	17.7	26.5

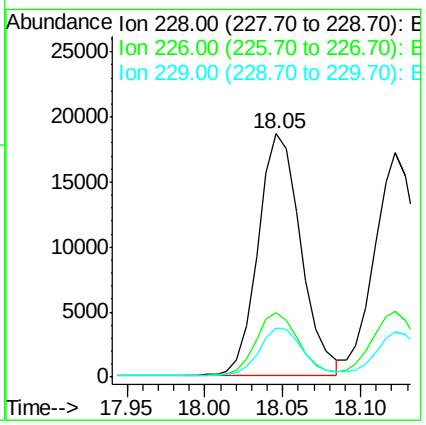


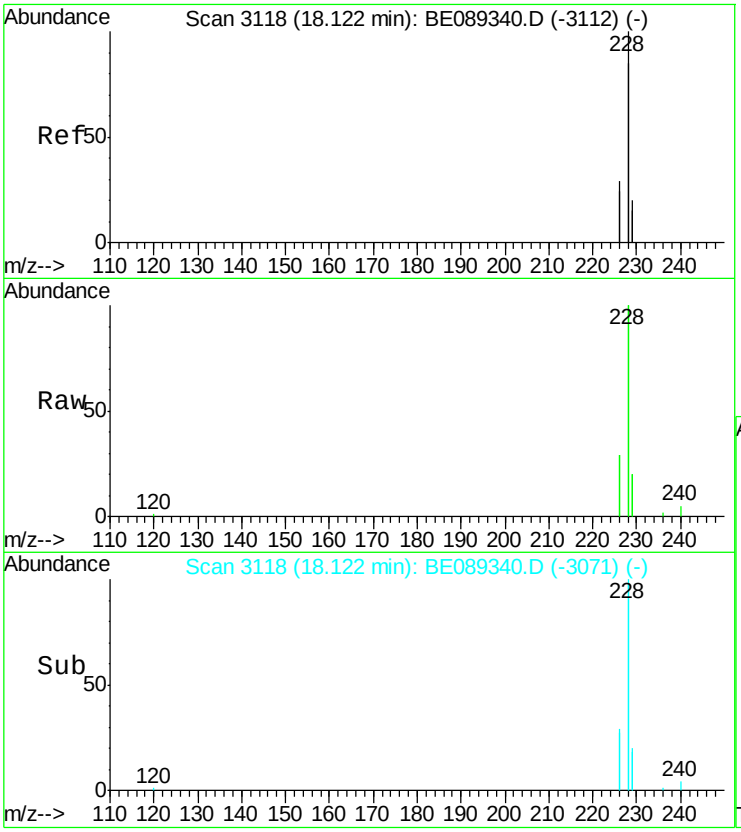


#18
Benzo(a)anthracene
Concen: 1.22 ng
RT: 18.05 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Tgt Ion:228 Resp: 35136

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.0	31.6
229	20.0	16.0	24.0



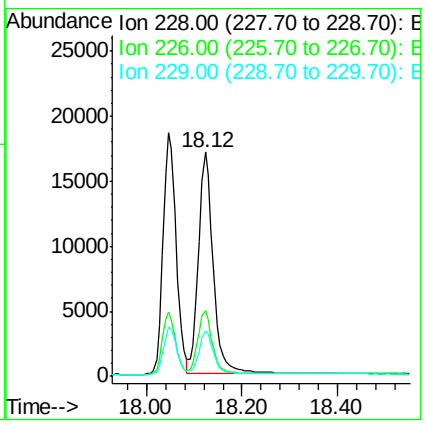


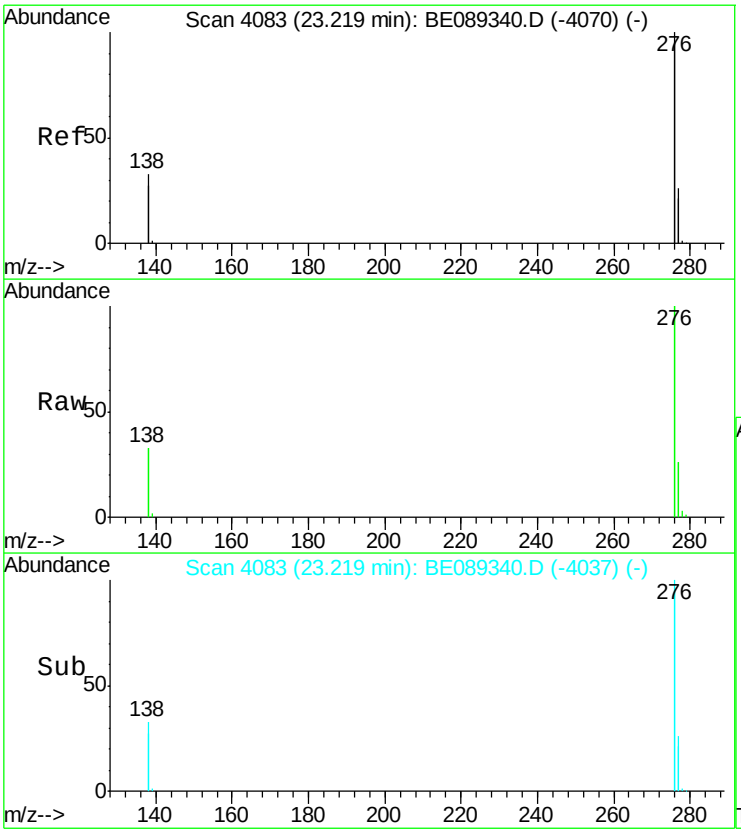
#19
Chrysene
Concen: 1.23 ng
RT: 18.12 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:228 Resp: 36781

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.5	35.3
229	20.1	16.1	24.1

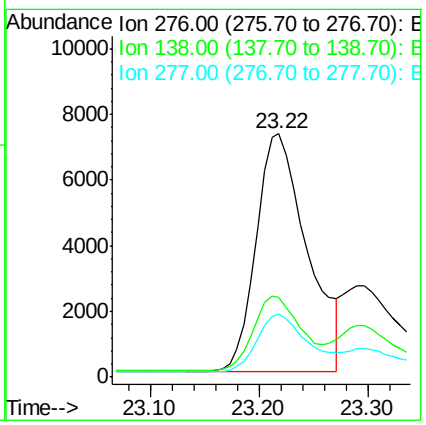


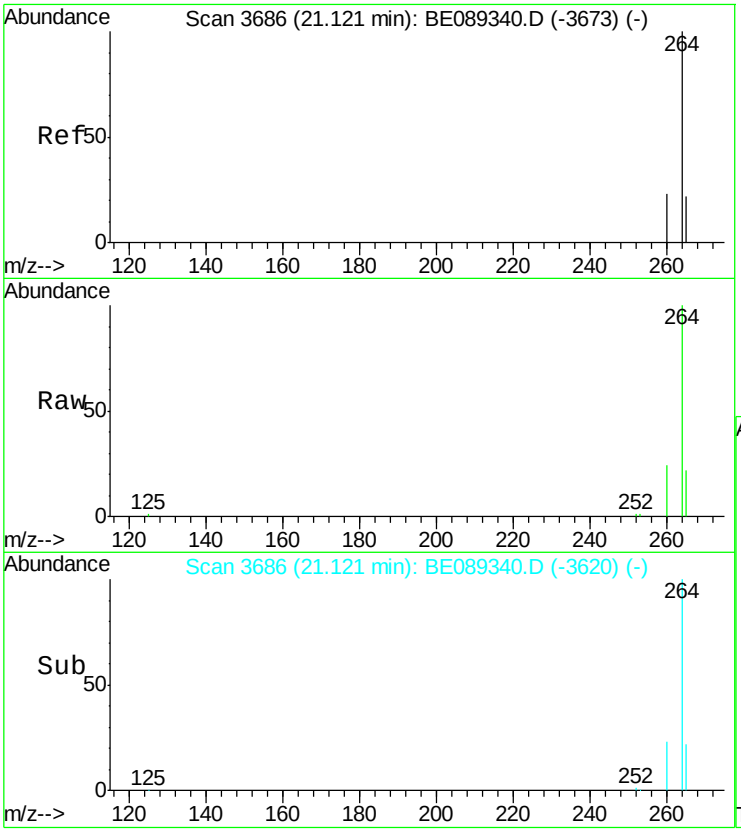


#20
Indeno(1,2,3-cd)pyrene
Concen: 0.82 ng
RT: 23.22 min Scan# 4083
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Tgt Ion:276 Resp: 23482

Ion	Ratio	Lower	Upper
276	100		
138	29.8	23.8	35.8
277	22.8	18.2	27.4



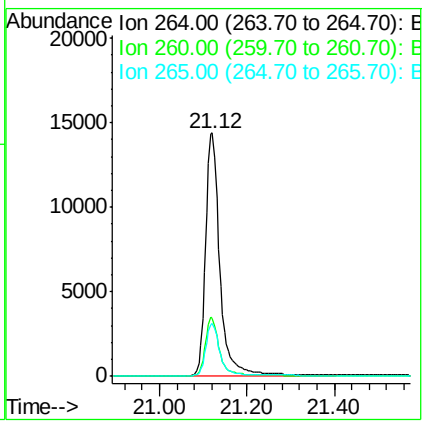


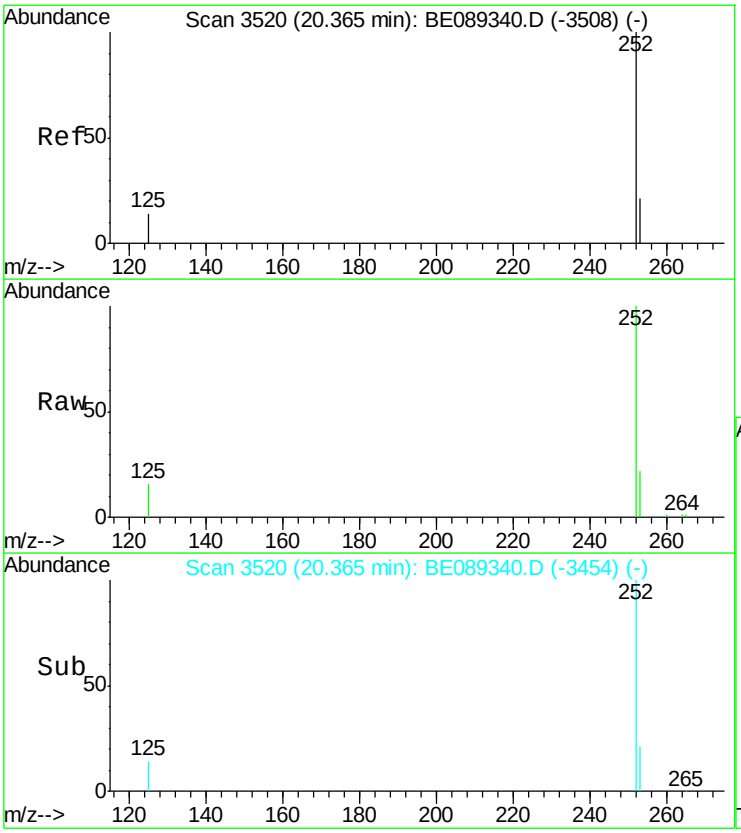
#21
Perylene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 3686
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:264 Resp: 32358

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.8	17.4	26.2

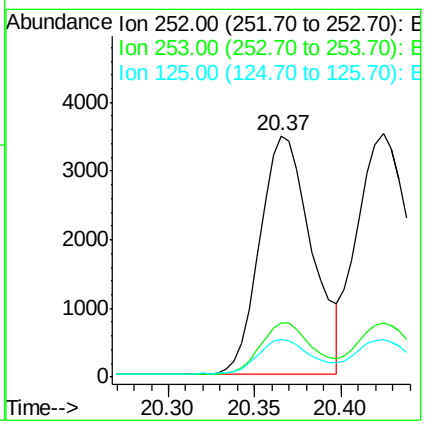


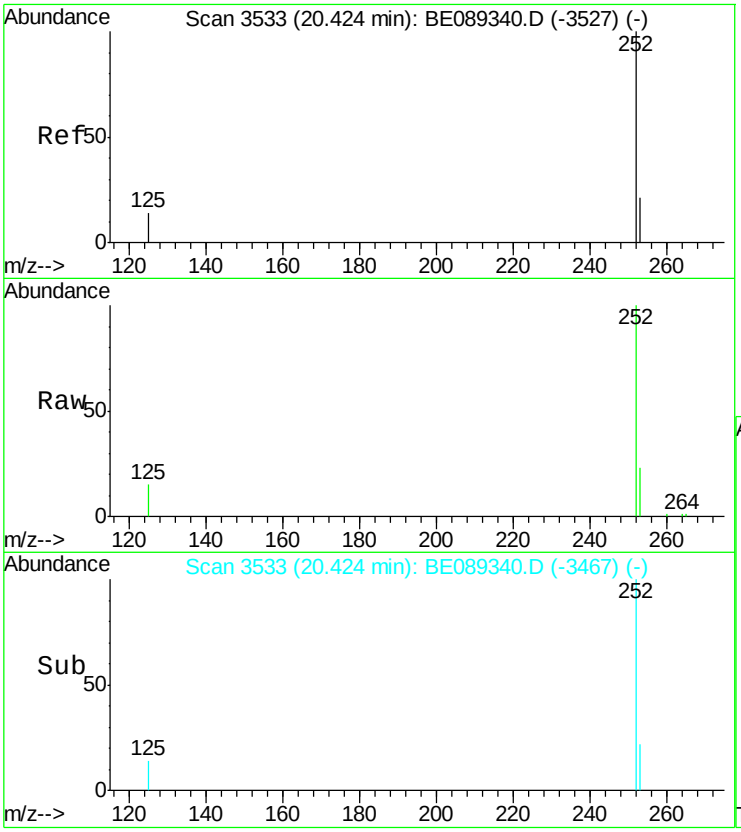


#22
Benzo(b)fluoranthene
Concen: 1.13 ng
RT: 20.37 min Scan# 3520
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Tgt Ion:252 Resp: 7252

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	15.7	12.6	18.8



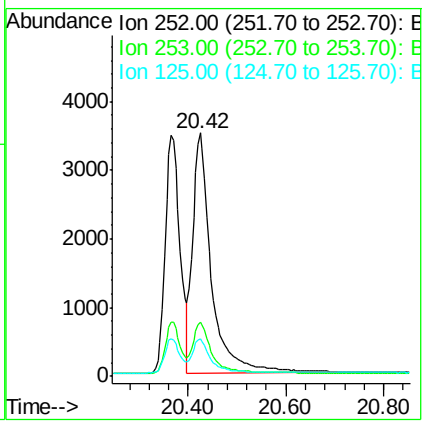


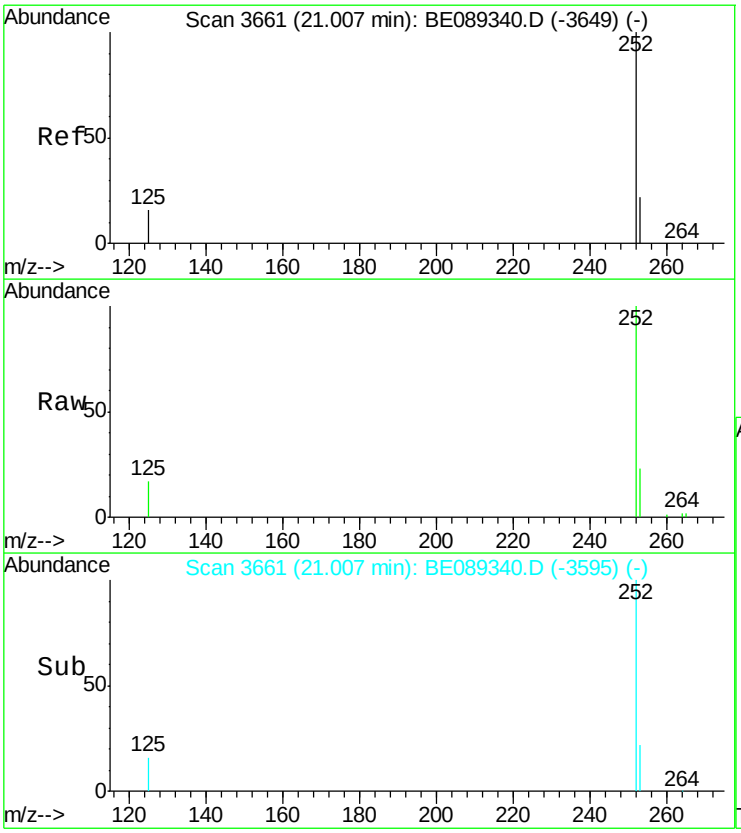
#23
Benzo(k)fluoranthene
Concen: 1.12 ng
RT: 20.42 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 9270

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	15.5	12.4	18.6

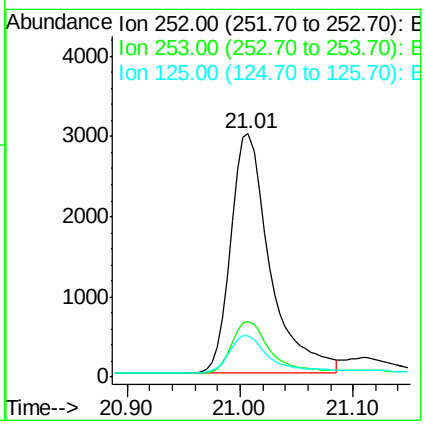


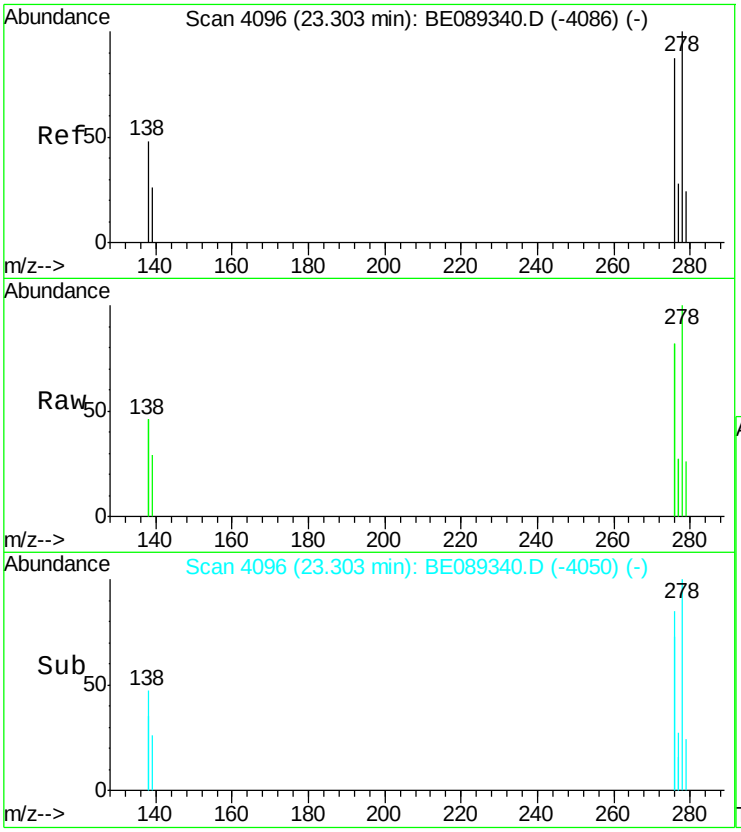


#24
Benzo(a)pyrene
Concen: 1.16 ng
RT: 21.01 min Scan# 3661
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Tgt Ion:252 Resp: 7066

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	17.3	13.8	20.8



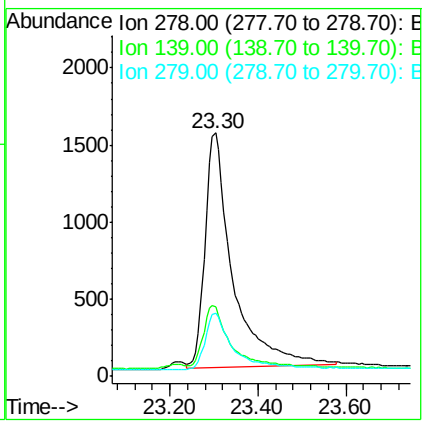


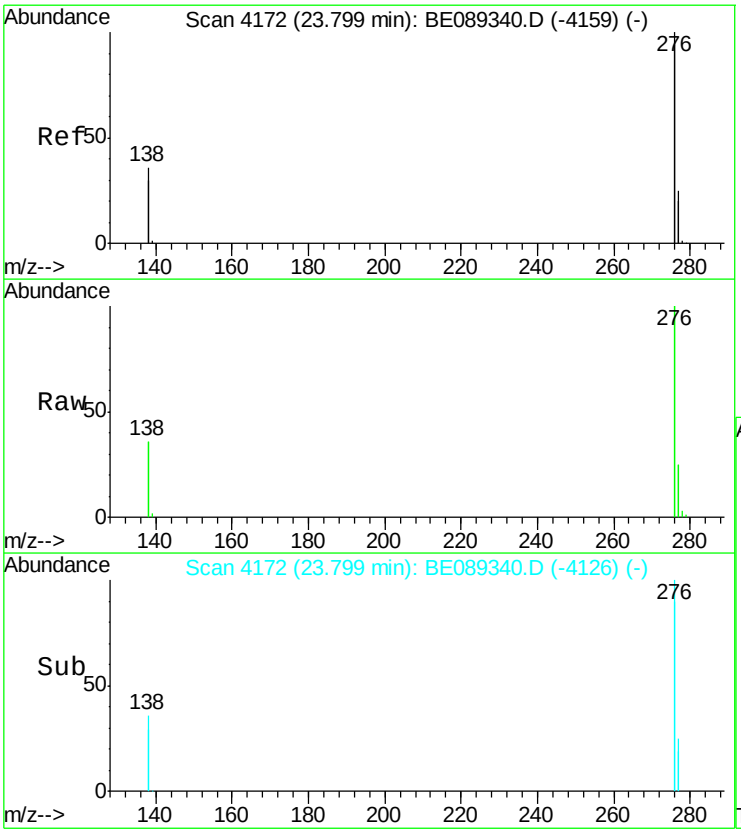
#25
Dibenzo(a,h)anthracene
Concen: 1.04 ng
RT: 23.30 min Scan# 4096
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:278 Resp: 6644

Ion	Ratio	Lower	Upper
278	100		
139	28.6	22.9	34.3
279	26.0	20.8	31.2





#26
Benzo(g,h,i)perylene
Concen: 1.14 ng
RT: 23.80 min Scan# 4172
Delta R.T. 0.00 min
Lab File: BE089340.D
Acq: 7 Jan 2015 22:05

Tgt Ion:276 Resp: 33099

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.0	30.0
138	35.6	28.5	42.7