Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021015\
Data File : BE089567.D
Acq On : 11 Feb 2015 2:56
Operator : TP/IZ
Sample : SSTDCCC001
Misc : MDL-WATER-0.1/0.2
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDCCC001

Quant Time: Feb 11 03:47:04 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 01:27:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.41	152	26594	5.00	ng	0.00
2) Naphthalene-d8	12.32	136	97235	5.00	ng	0.00
6) Acenaphthene-d10	16.50	164	38225	5.00	ng	0.00
11) Phenanthrene-d10	19.83	188	73591	5.00	ng	0.00
16) Chrysene-d12	23.71	240	90798	5.00	ng	0.00
22) Perylene-d12	25.40	264	91981	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.68	82	6035	0.97	ng	0.00
7) 2-Fluorobiphenyl	14.95	172	10236	0.99	ng	0.00
18) Terphenyl-d14	22.36	244	11351	1.00	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	12.37	128	21918	1.01	ng	100
5) 2-Methylnaphthalene	14.03	142	12144	1.01	ng	98
8) Acenaphthylene	16.15	152	64218	0.99	ng	100
9) Acenaphthene	16.58	154	10142	0.99	ng	98
10) Fluorene	17.83	166	10974	1.00	ng	98
12) Pentachlorophenol	19.51	266	354	0.92	ng	96
13) Phenanthrene	19.88	178	18008	1.00	ng	99
14) Anthracene	19.97	178	14970	0.98	ng	99
15) Fluoranthene	21.78	202	16967	0.98	ng	99
17) Pyrene	22.10	202	18752	1.03	ng	99
19) Benzo(a)anthracene	23.70	228	67514	0.89	ng	99
20) Chrysene	23.74	228	87397	1.03	ng	100
21) Indeno(1,2,3-cd)pyrene	26.84	276	65040	0.65	ng	99
23) Benzo(b)fluoranthene	25.00	252	24983	1.53	ng	99
24) Benzo(k)fluoranthene	25.00	252	24983	1.11	ng	99
25) Benzo(a)pyrene	25.34	252	11346	0.77	ng	99
26) Dibenzo(a,h)anthracene	26.87	278	12780	0.70	ng	100
27) Benzo(g,h,i)perylene	27.26	276	66227	0.87	ng	97

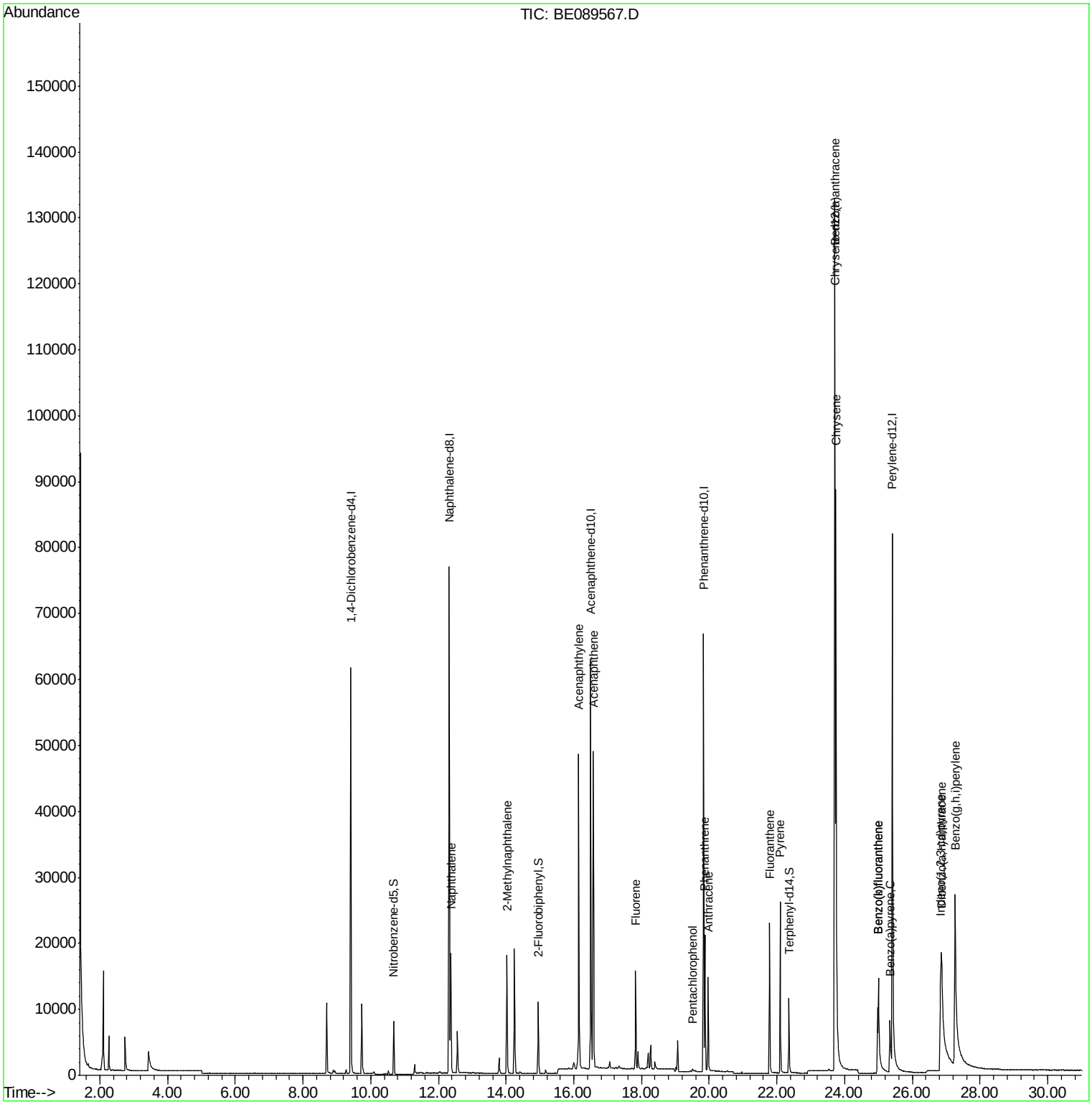
(#) = qualifier out of range (m) = manual integration (+) = signals summed

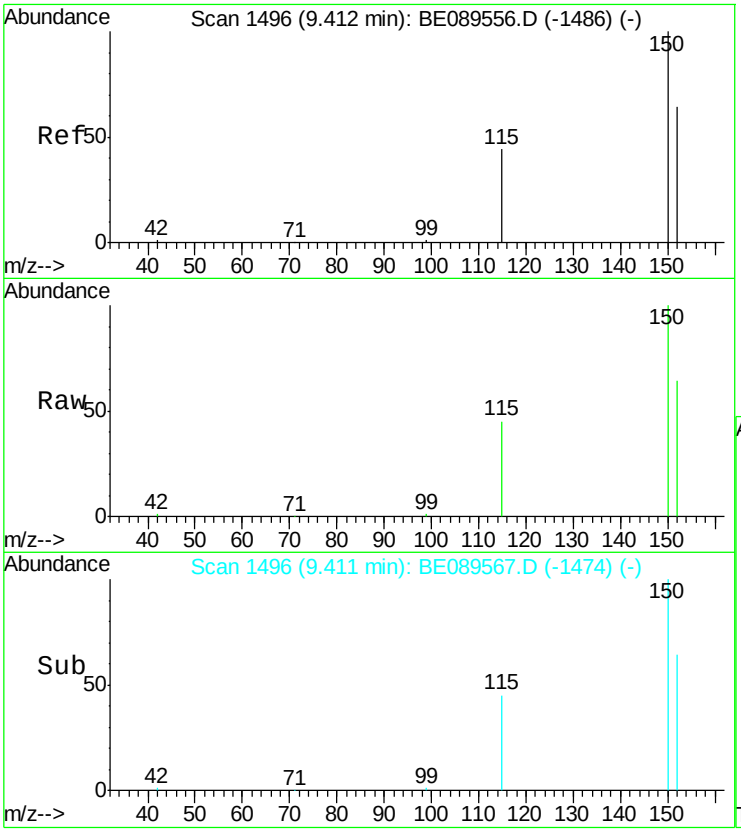
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021015\
Data File : BE089567.D
Acq On : 11 Feb 2015 2:56
Operator : TP/IZ
Sample : SSTDCCC001
Misc : MDL-WATER-0.1/0.2
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Quant Time: Feb 11 03:47:04 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 01:27:13 2015
Response via : Initial Calibration



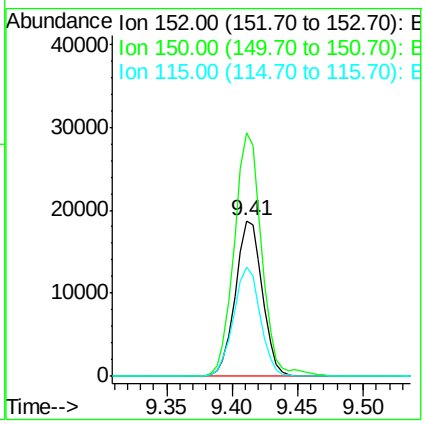


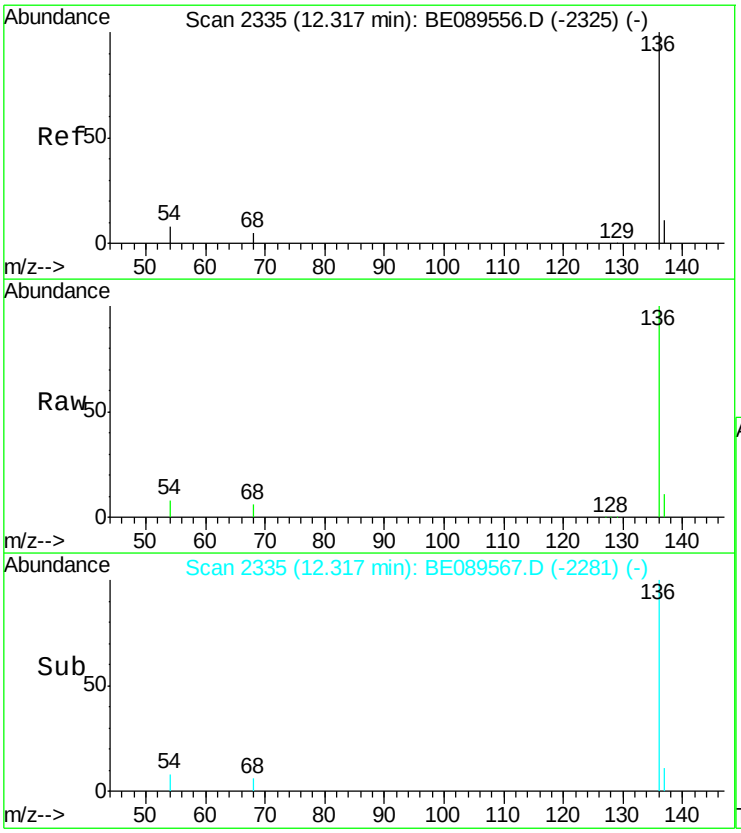
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.41 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 26594

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.6	188.4
115	70.2	55.8	83.6

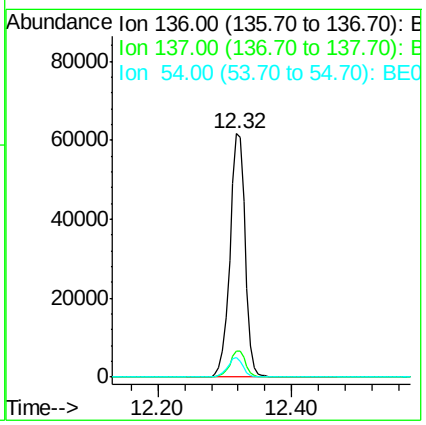


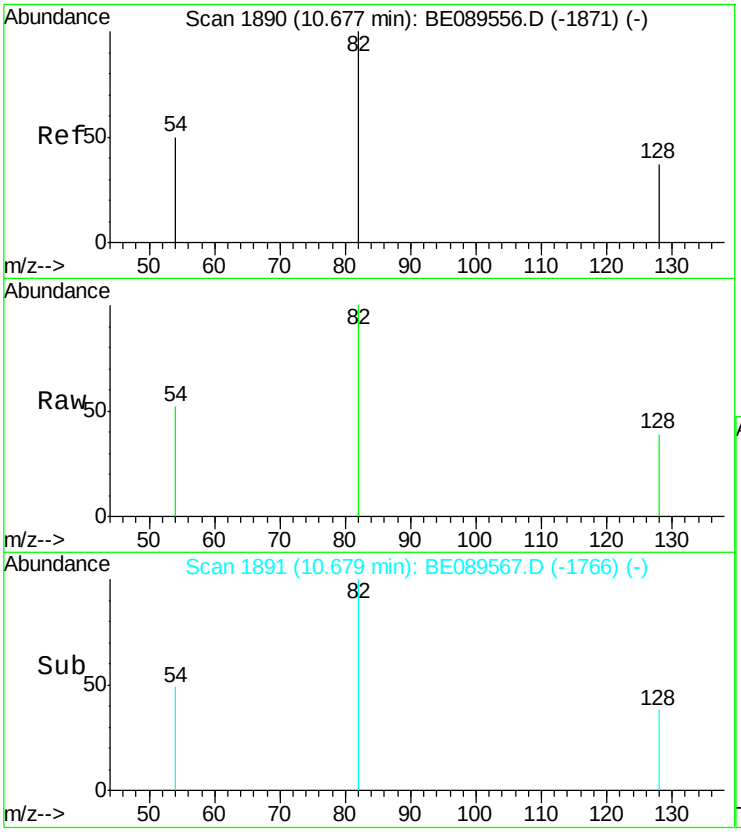


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.32 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Tgt Ion:136 Resp: 97235

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.3	6.6	9.8



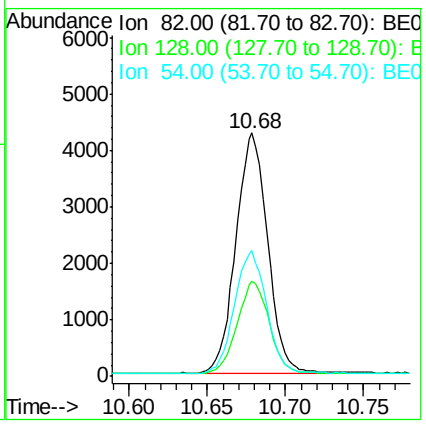


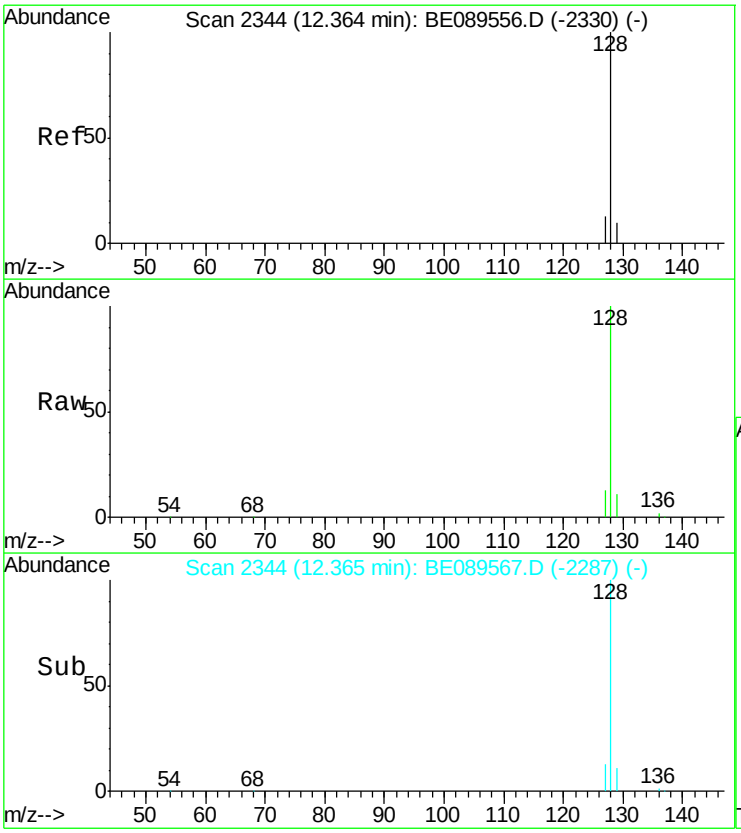
#3
Nitrobenzene-d5
Concen: 0.97 ng
RT: 10.68 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 6035

Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.4	45.6
54	51.6	40.7	61.1

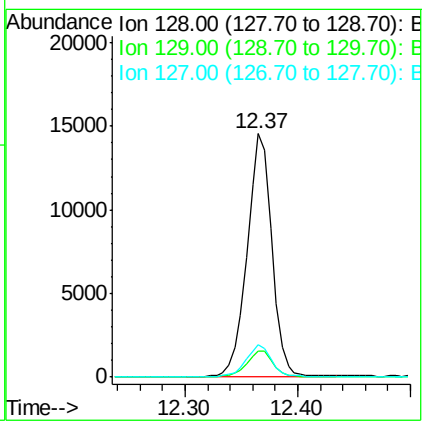


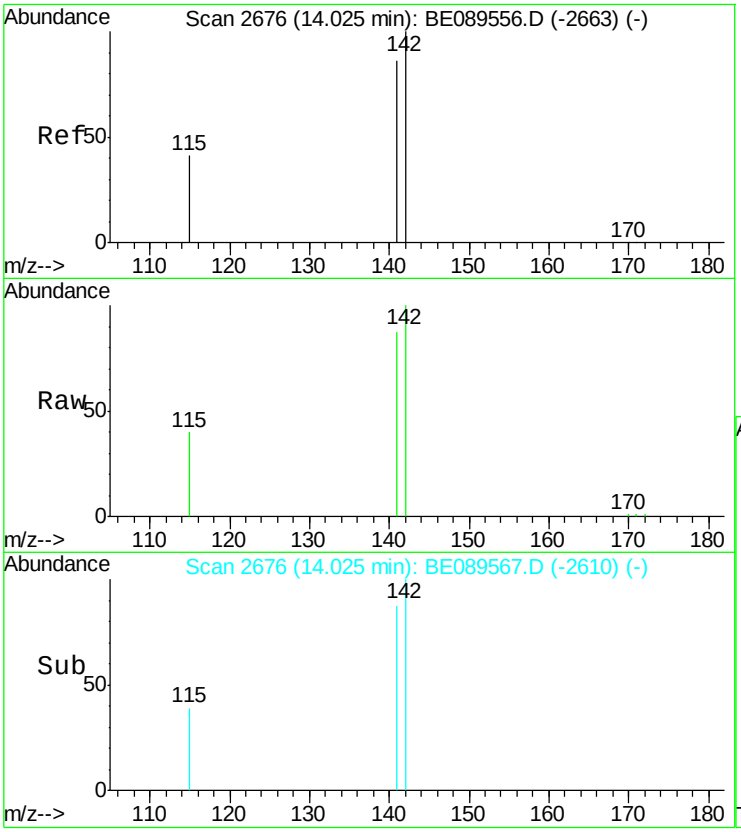


#4
Naphthalene
Concen: 1.01 ng
RT: 12.37 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Tgt Ion:128 Resp: 21918

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	13.1	10.6	15.8



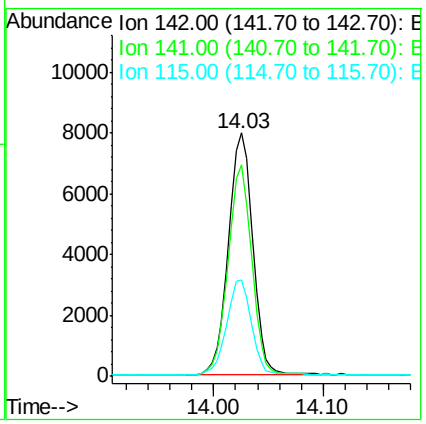


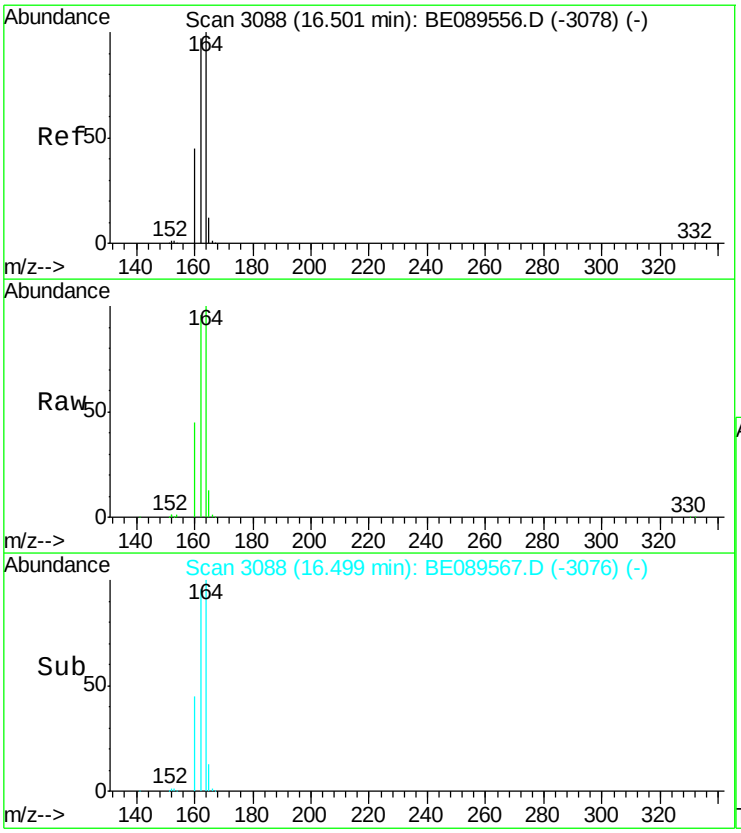
#5
2-Methylnaphthalene
Concen: 1.01 ng
RT: 14.03 min Scan# 2676
Delta R.T. 0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 12144

Ion	Ratio	Lower	Upper
142	100		
141	87.0	68.6	102.8
115	39.6	33.0	49.6

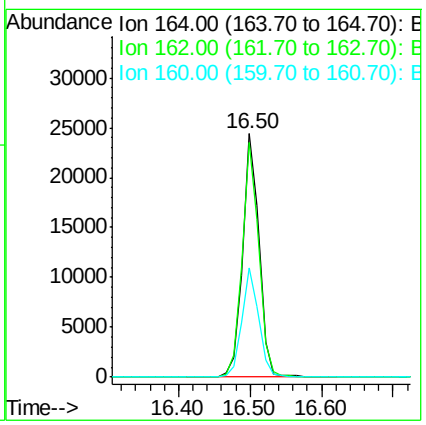


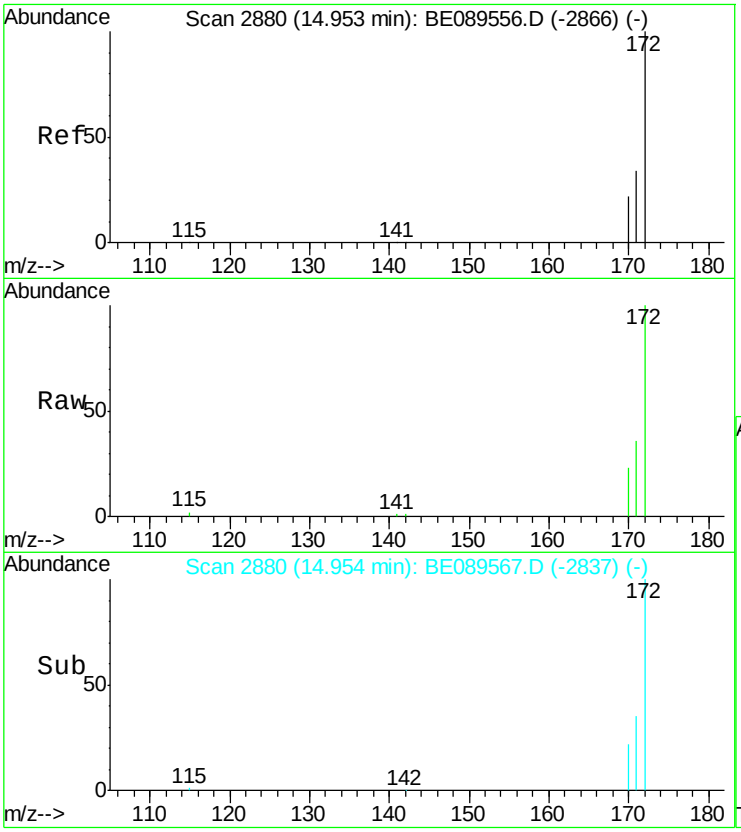


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.50 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Tgt Ion:164 Resp: 38225

Ion	Ratio	Lower	Upper
164	100		
162	96.2	77.8	116.6
160	44.9	36.2	54.2



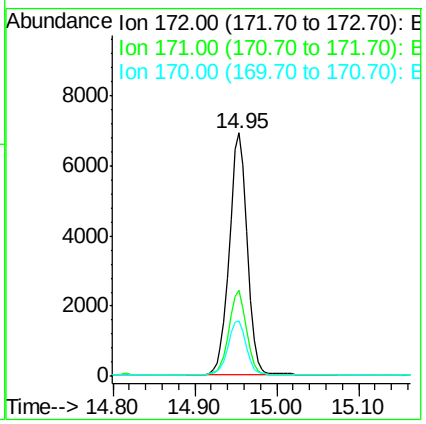


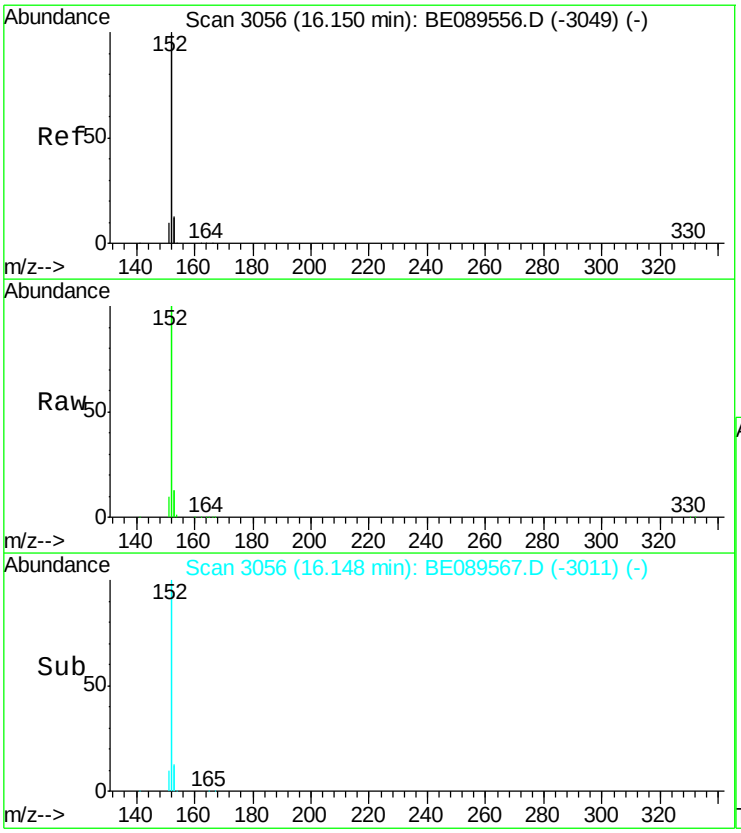
#7
2-Fluorobiphenyl
Concen: 0.99 ng
RT: 14.95 min Scan# 2880
Delta R.T. 0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:172 Resp: 10236

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.4	41.0
170	22.7	18.3	27.5

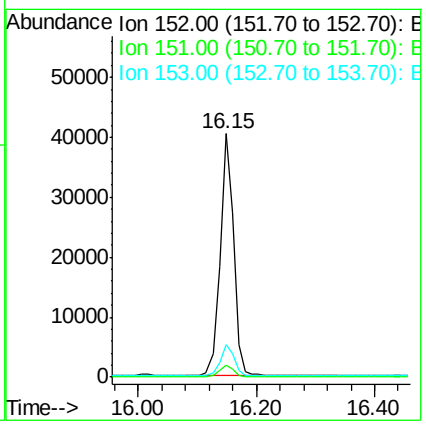


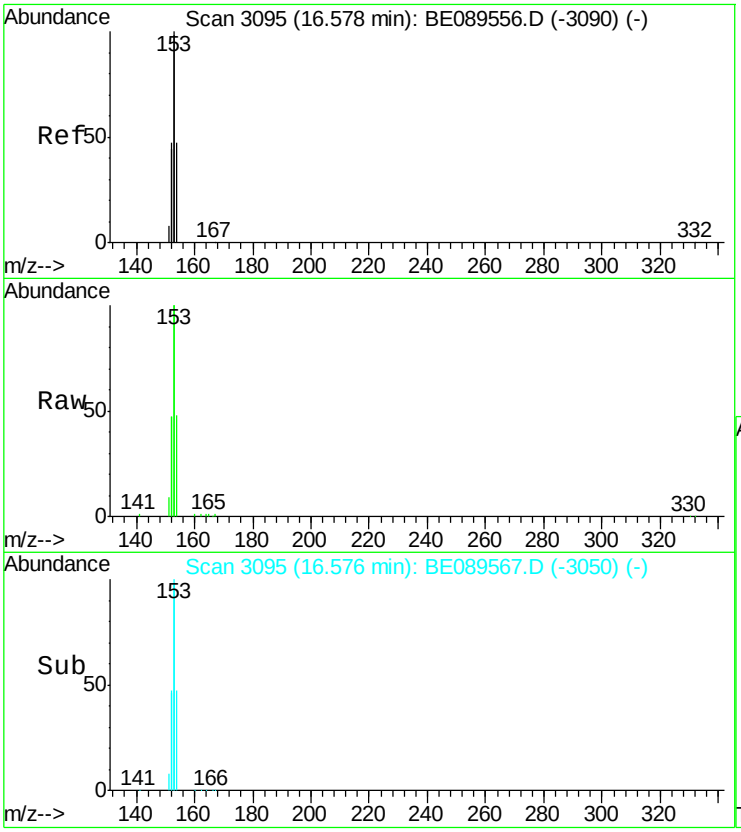


#8
Acenaphthylene
Concen: 0.99 ng
RT: 16.15 min Scan# 3056
Delta R.T. -0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Tgt Ion:152 Resp: 64218

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	13.0	10.4	15.6



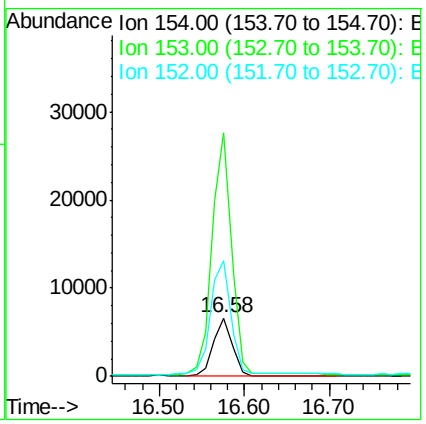


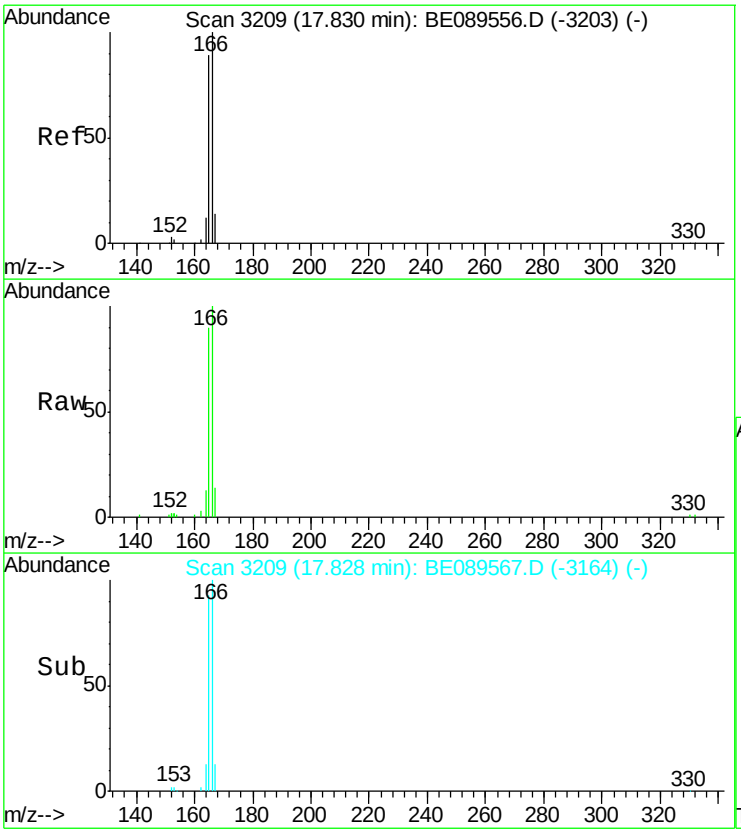
#9
Acenaphthene
Concen: 0.99 ng
RT: 16.58 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:154 Resp: 10142

Ion	Ratio	Lower	Upper
154	100		
153	433.3	349.0	523.4
152	211.8	173.0	259.4

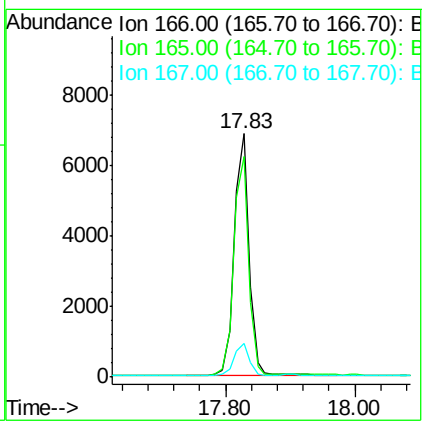


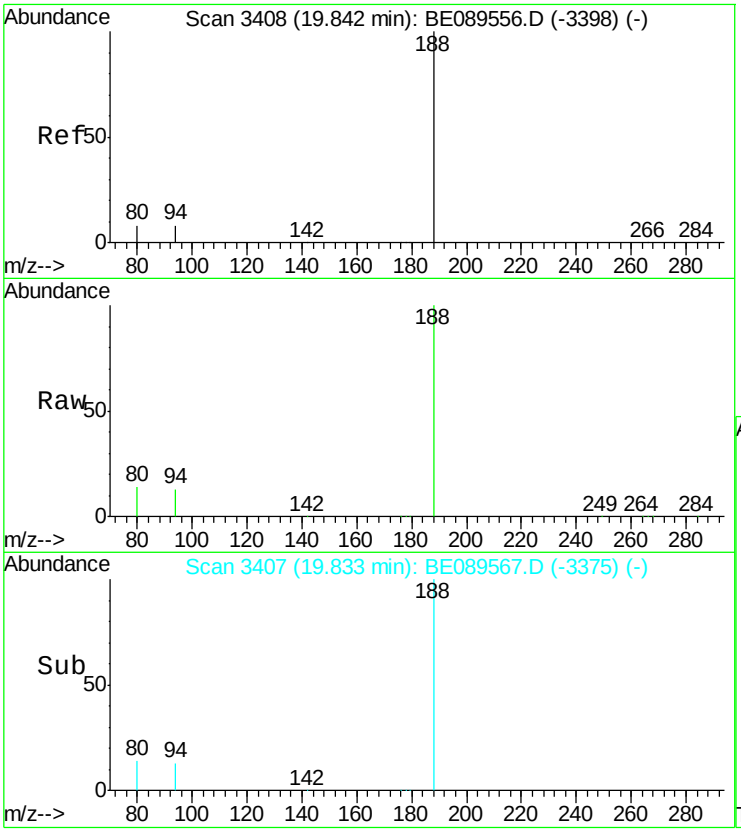


#10
Fluorene
Concen: 1.00 ng
RT: 17.83 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Tgt Ion:166 Resp: 10974

Ion	Ratio	Lower	Upper
166	100		
165	91.3	75.1	112.7
167	13.1	10.6	16.0



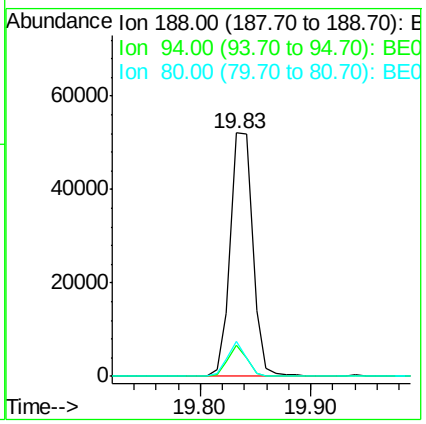


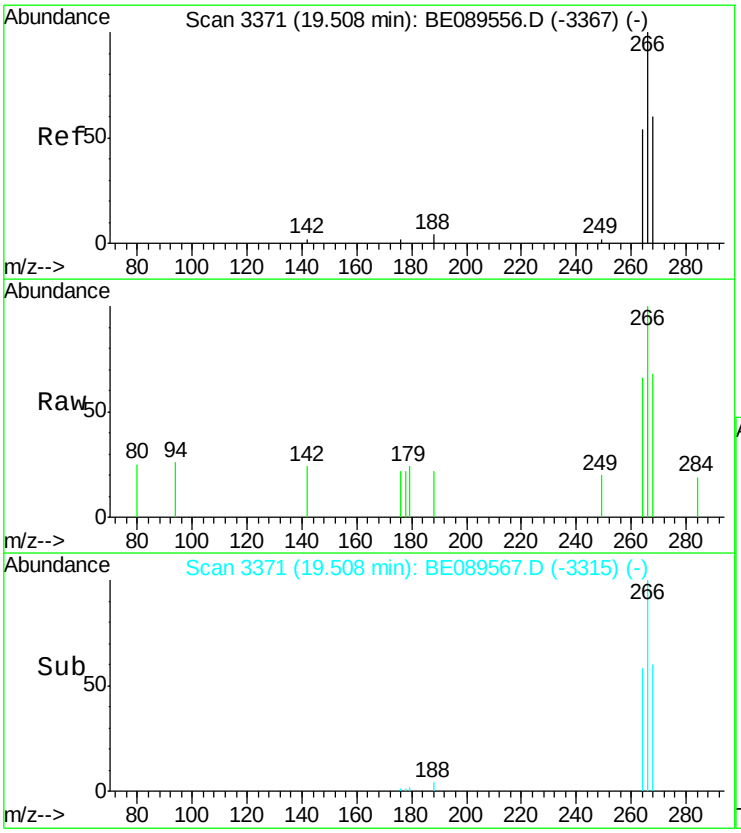
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.83 min Scan# 3407
Delta R.T. -0.01 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:188 Resp: 73591

Ion	Ratio	Lower	Upper
188	100		
94	13.0	6.2	9.2#
80	14.3	6.4	9.6#

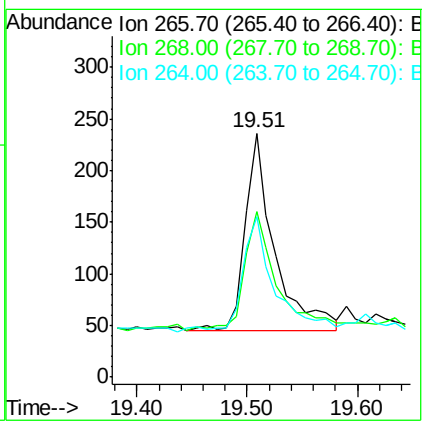


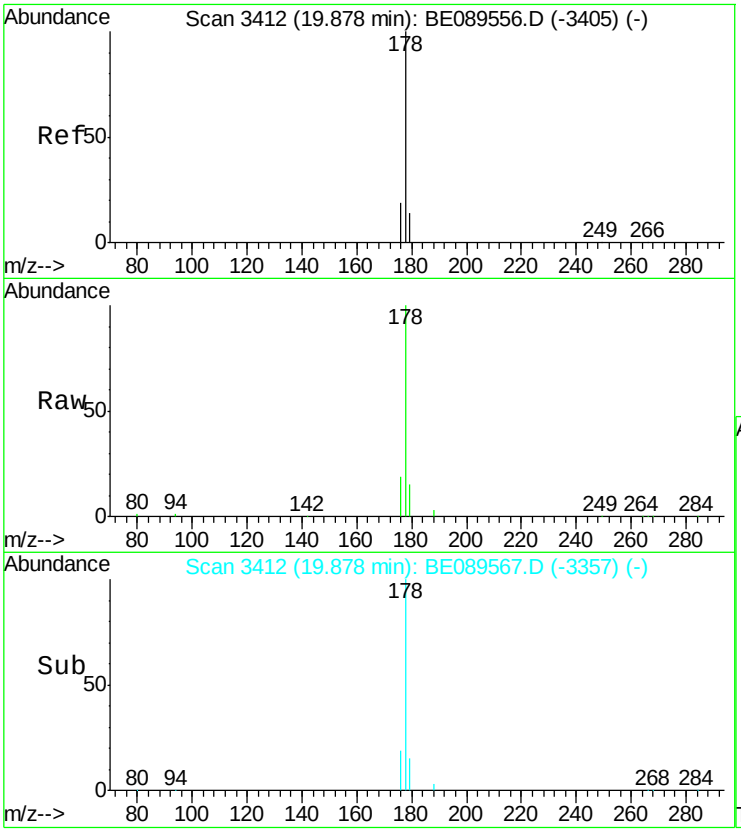


#12
Pentachlorophenol
Concen: 0.92 ng
RT: 19.51 min Scan# 3371
Delta R.T. 0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Tgt Ion:266 Resp: 354

Ion	Ratio	Lower	Upper
266	100		
268	67.8	57.9	86.9
264	65.7	54.6	81.8



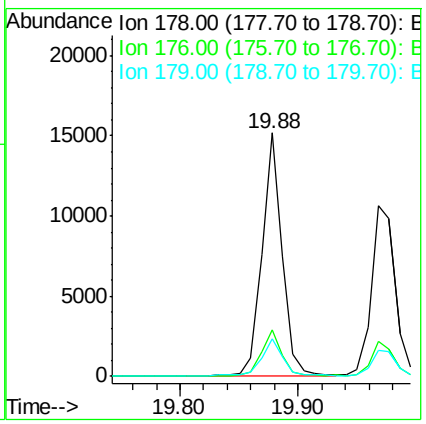


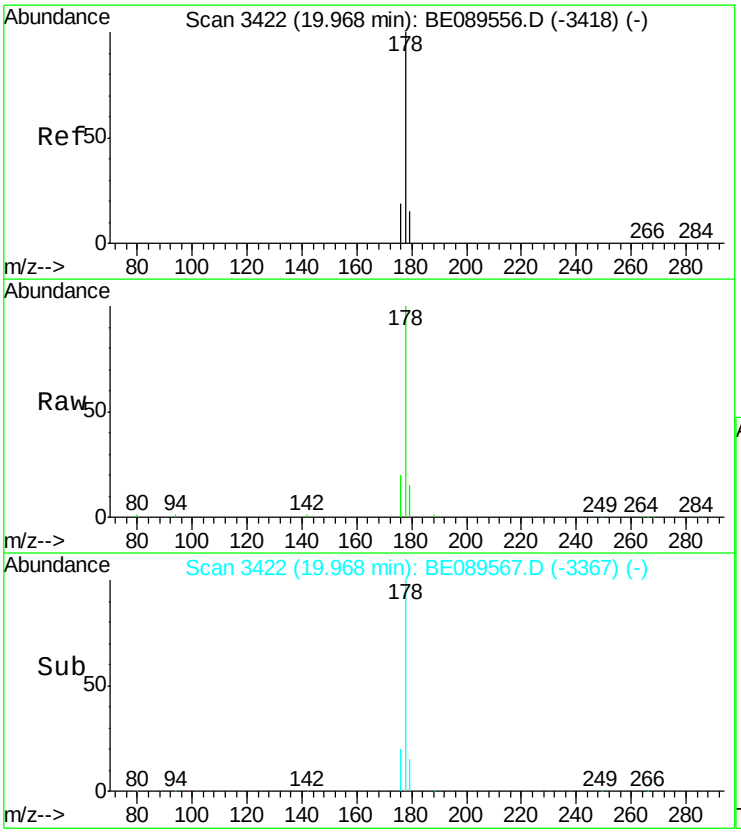
#13
Phenanthrene
Concen: 1.00 ng
RT: 19.88 min Scan# 3412
Delta R.T. -0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 18008

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.4	12.1	18.1

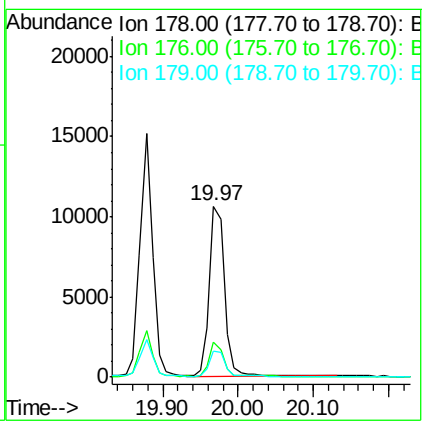


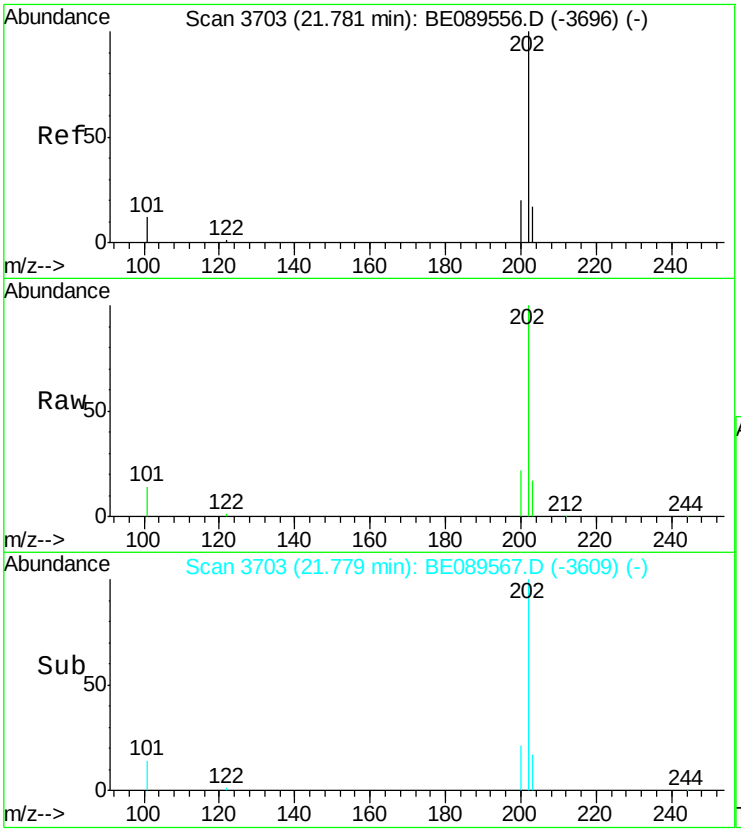


#14
Anthracene
Concen: 0.98 ng
RT: 19.97 min Scan# 3422
Delta R.T. -0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Tgt Ion:178 Resp: 14970

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.2	12.7	19.1



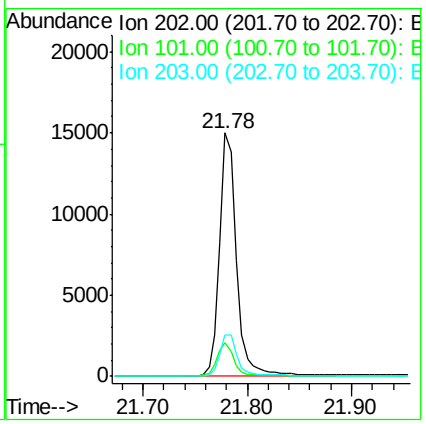


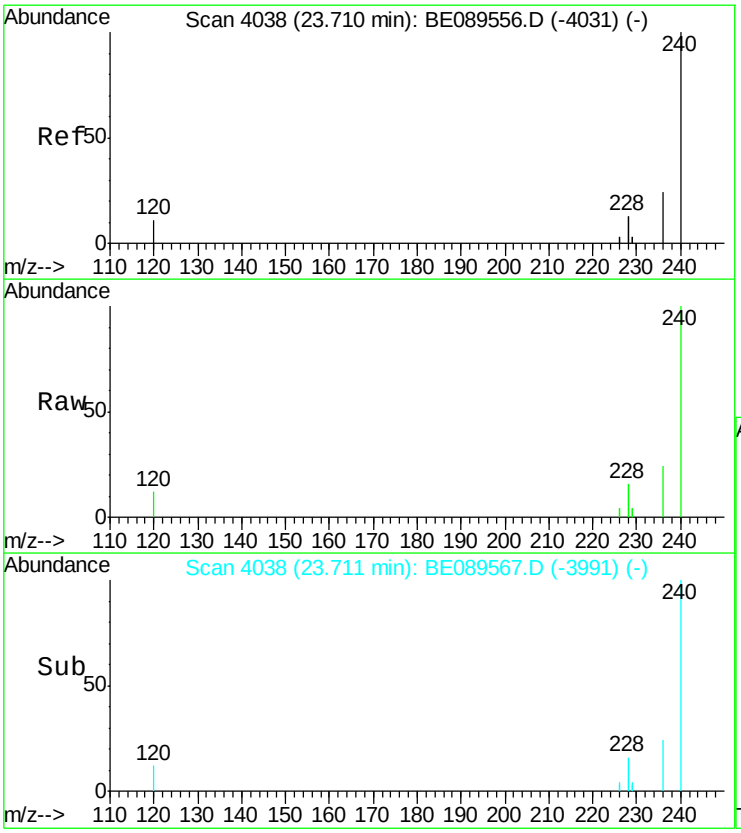
#15
Fluoranthene
Concen: 0.98 ng
RT: 21.78 min Scan# 3703
Delta R.T. -0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:202 Resp: 16967

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.4	15.6
203	17.3	13.6	20.4

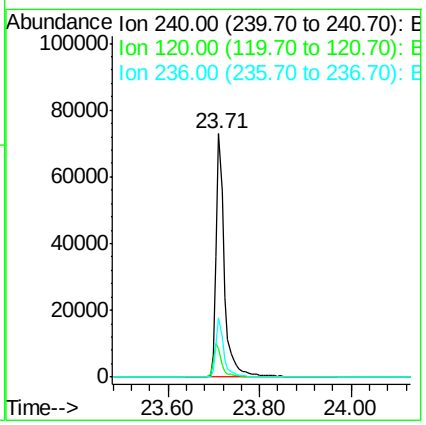


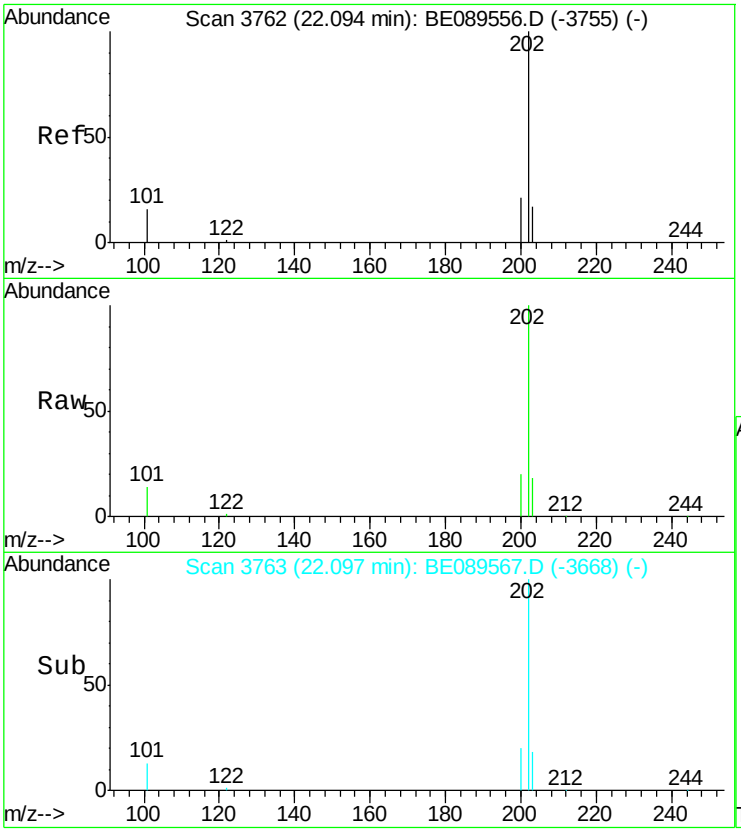


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 4038
Delta R.T. 0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Tgt Ion:240 Resp: 90798

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



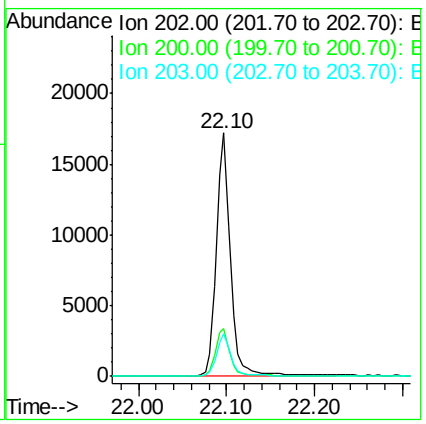


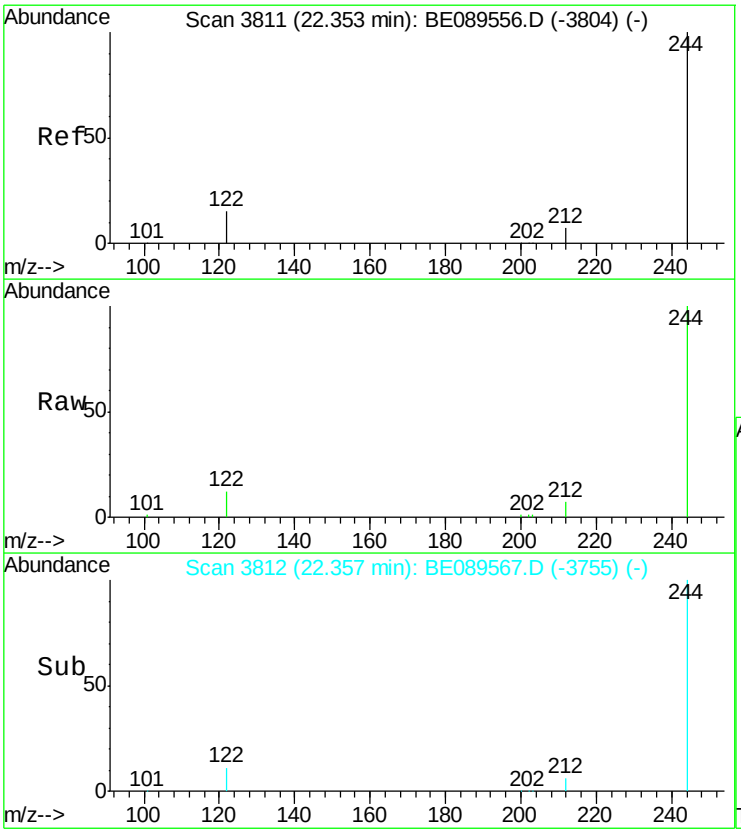
#17
Pyrene
Concen: 1.03 ng
RT: 22.10 min Scan# 3763
Delta R.T. 0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:202 Resp: 18752

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	24.8
203	17.2	14.2	21.2

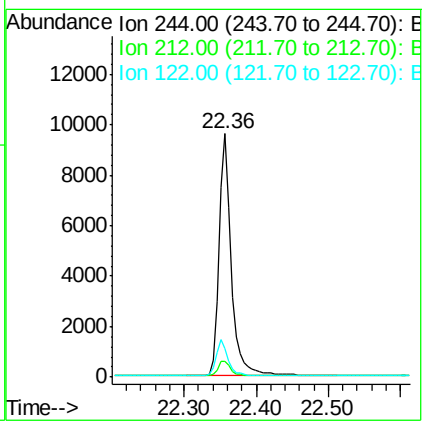


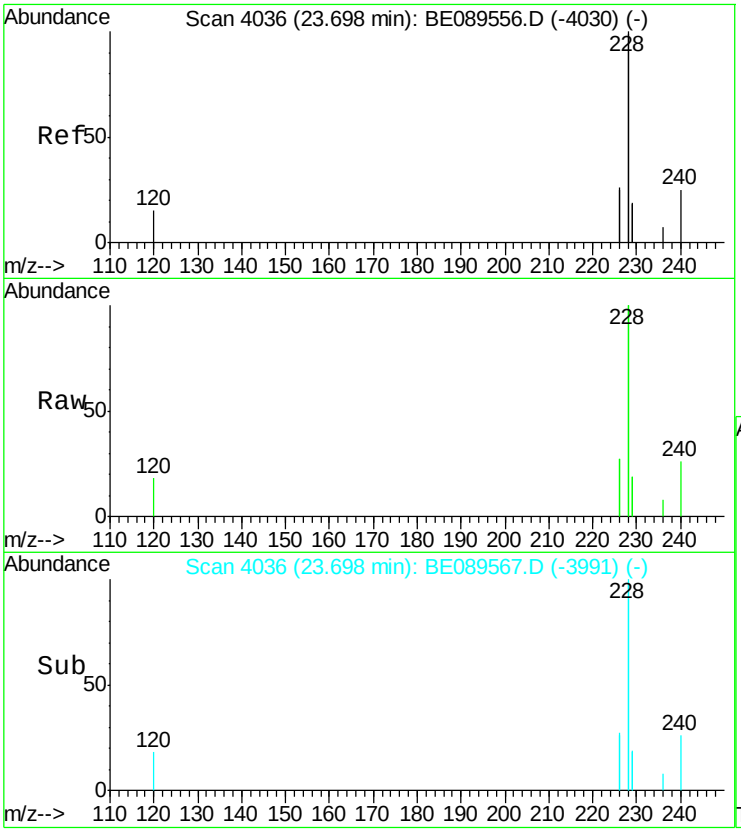


#18
Terphenyl-d14
Concen: 1.00 ng
RT: 22.36 min Scan# 3812
Delta R.T. 0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Tgt Ion:244 Resp: 11351

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	11.7	12.2	18.2#



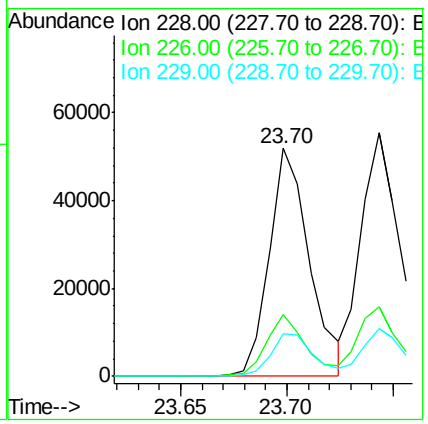


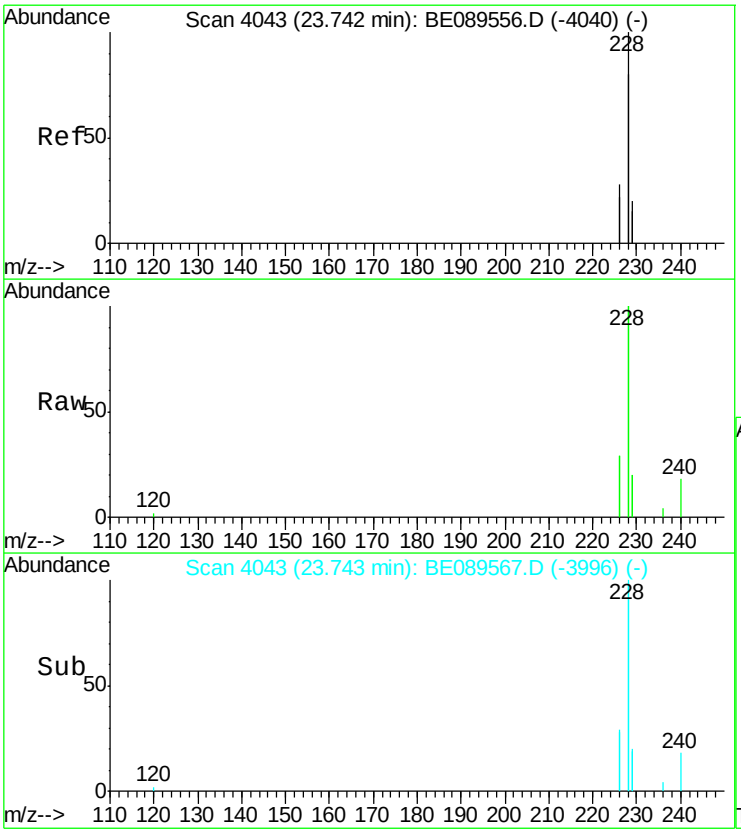
#19
Benzo(a)anthracene
Concen: 0.89 ng
RT: 23.70 min Scan# 4036
Delta R.T. 0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 67514

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.0	31.4
229	18.8	15.2	22.8

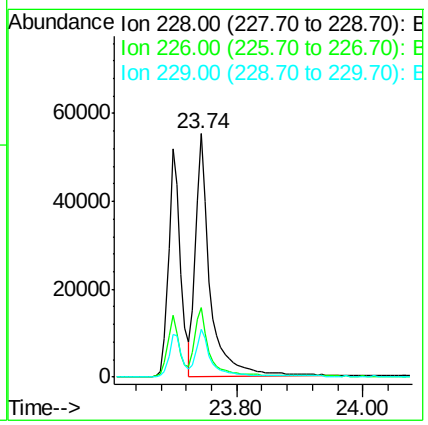


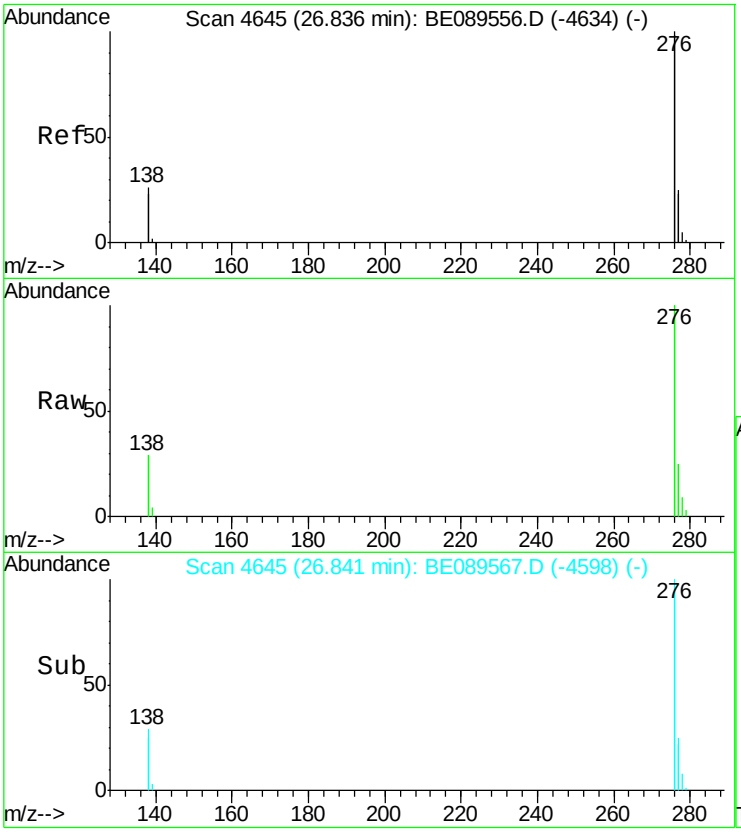


#20
Chrysene
Concen: 1.03 ng
RT: 23.74 min Scan# 4043
Delta R.T. 0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Tgt Ion:228 Resp: 87397

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	19.6	15.6	23.4



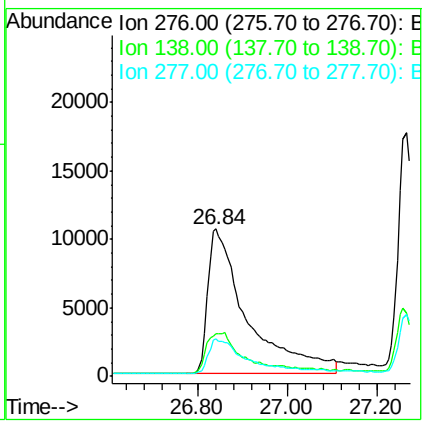


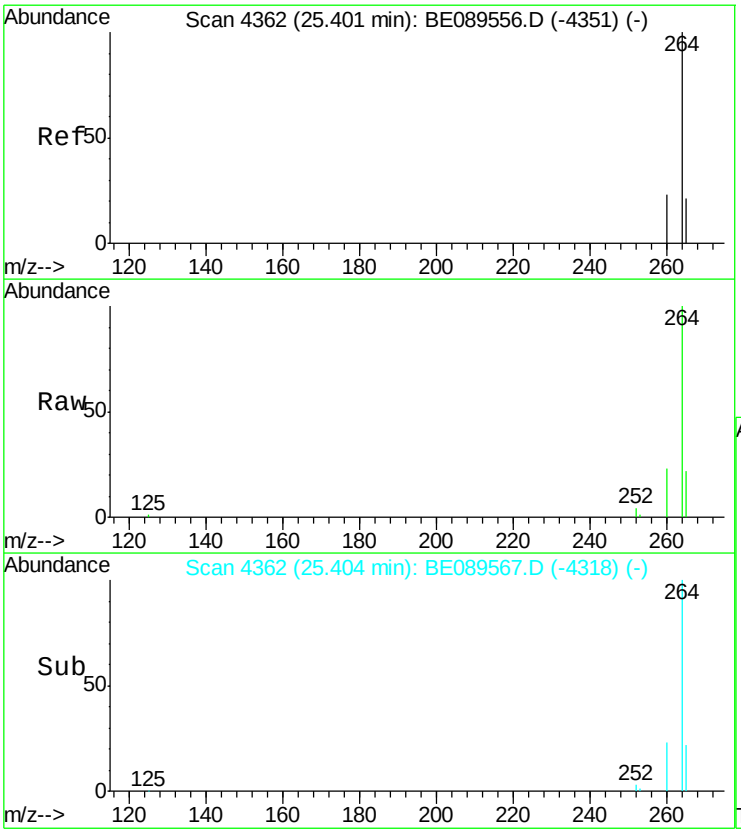
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.65 ng
RT: 26.84 min Scan# 4645
Delta R.T. 0.01 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 65040

Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.2	30.4
277	25.1	19.6	29.4

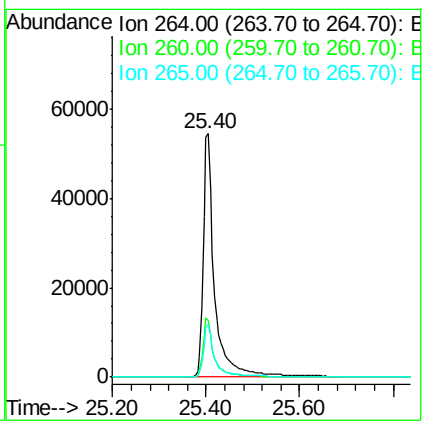


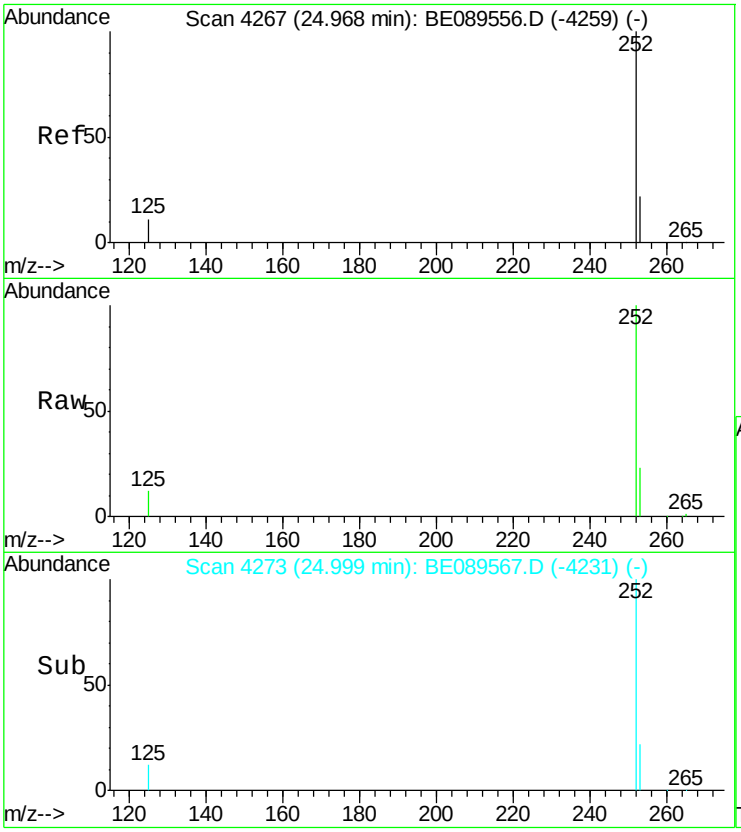


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.40 min Scan# 4362
Delta R.T. 0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Tgt Ion:264 Resp: 91981

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.8	16.8	25.2



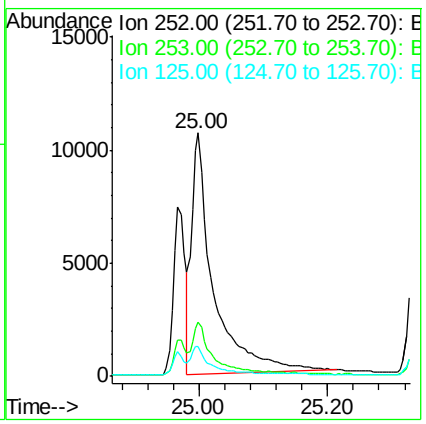


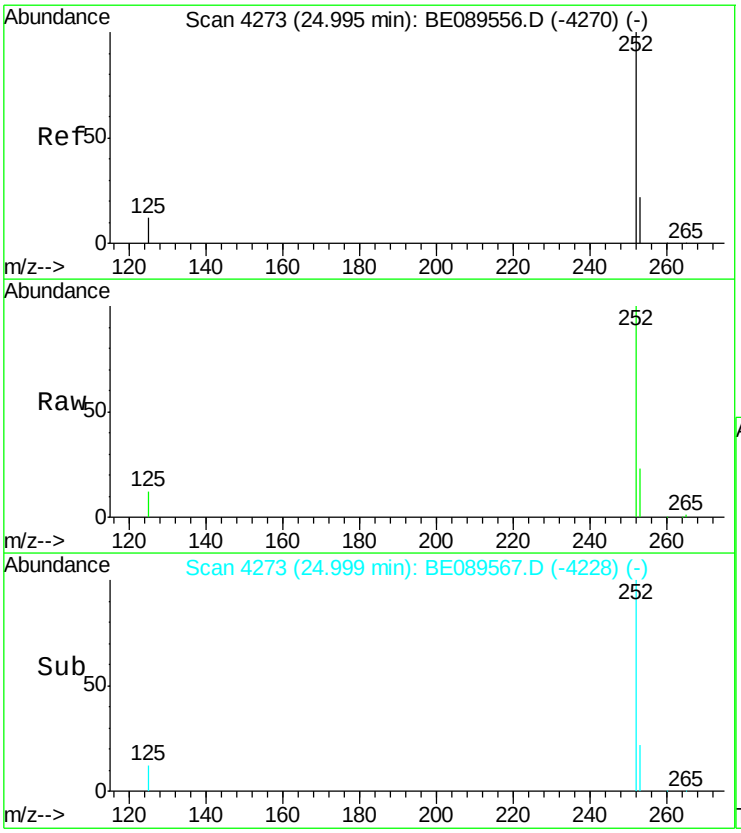
#23
Benzo(b)fluoranthene
Concen: 1.53 ng
RT: 25.00 min Scan# 4273
Delta R.T. 0.03 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 24983

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	12.4	9.3	13.9

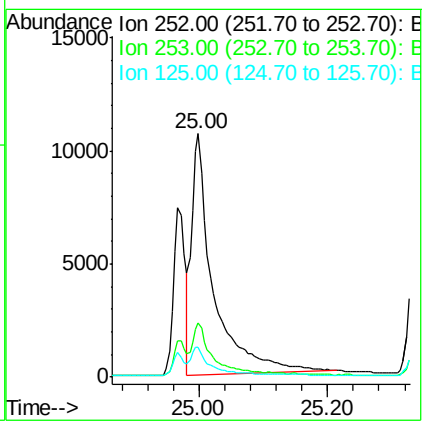


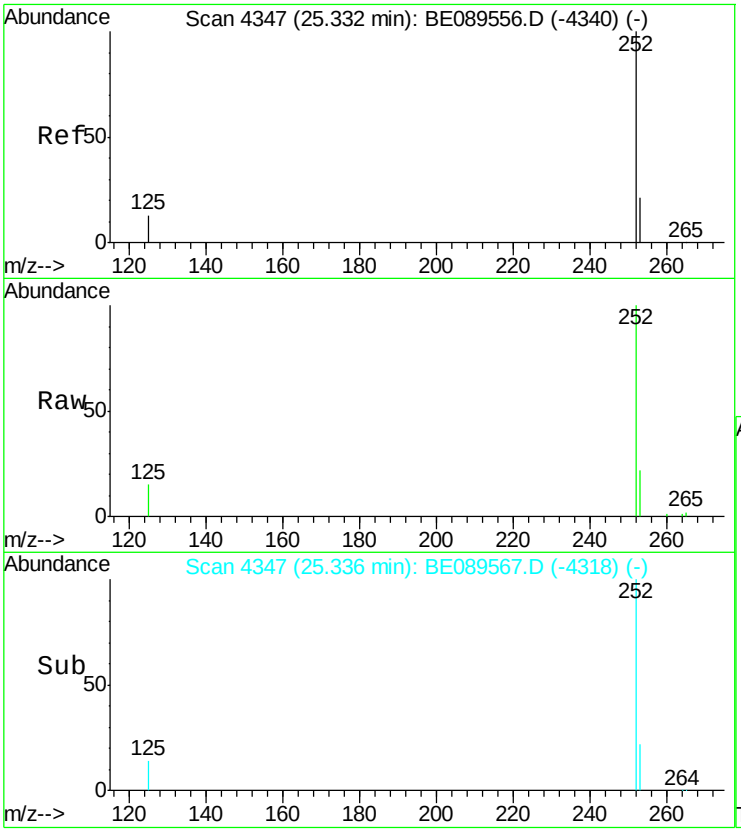


#24
Benzo(k)fluoranthene
Concen: 1.11 ng
RT: 25.00 min Scan# 4273
Delta R.T. 0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Tgt Ion:252 Resp: 24983

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.4	9.6	14.4



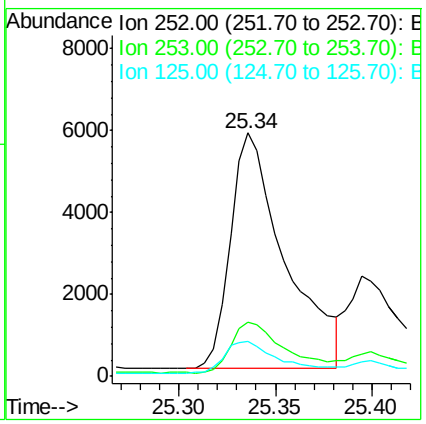


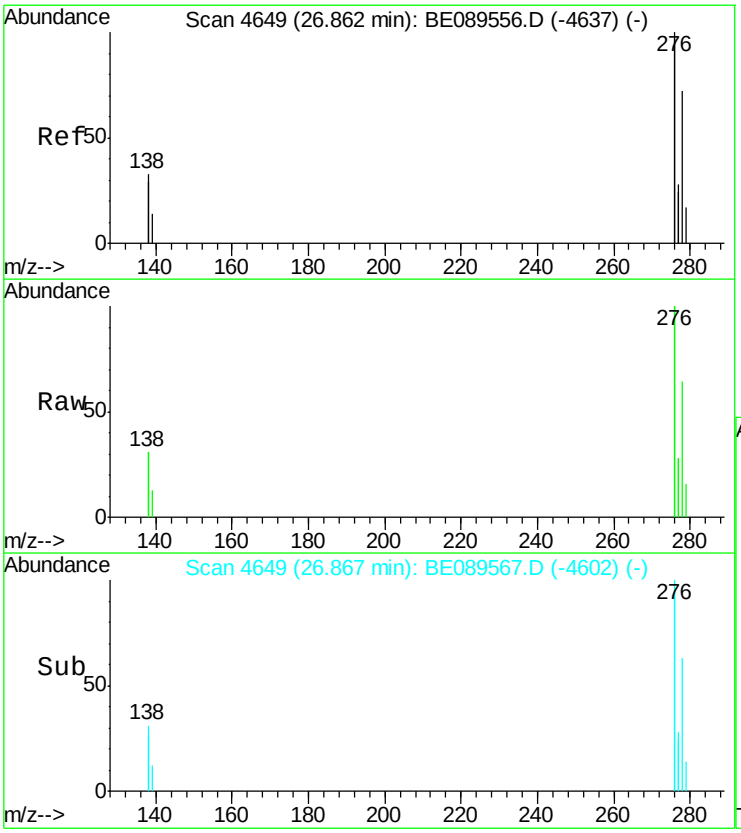
#25
Benzo(a)pyrene
Concen: 0.77 ng
RT: 25.34 min Scan# 4347
Delta R.T. 0.00 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 11346

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	14.5	11.1	16.7

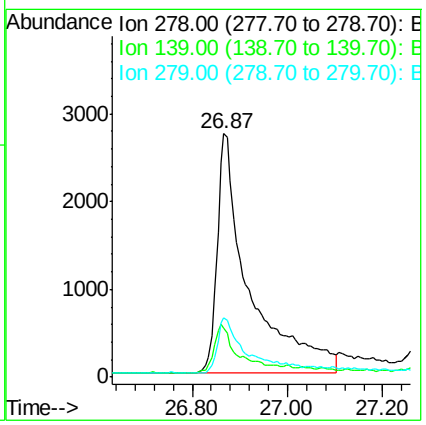


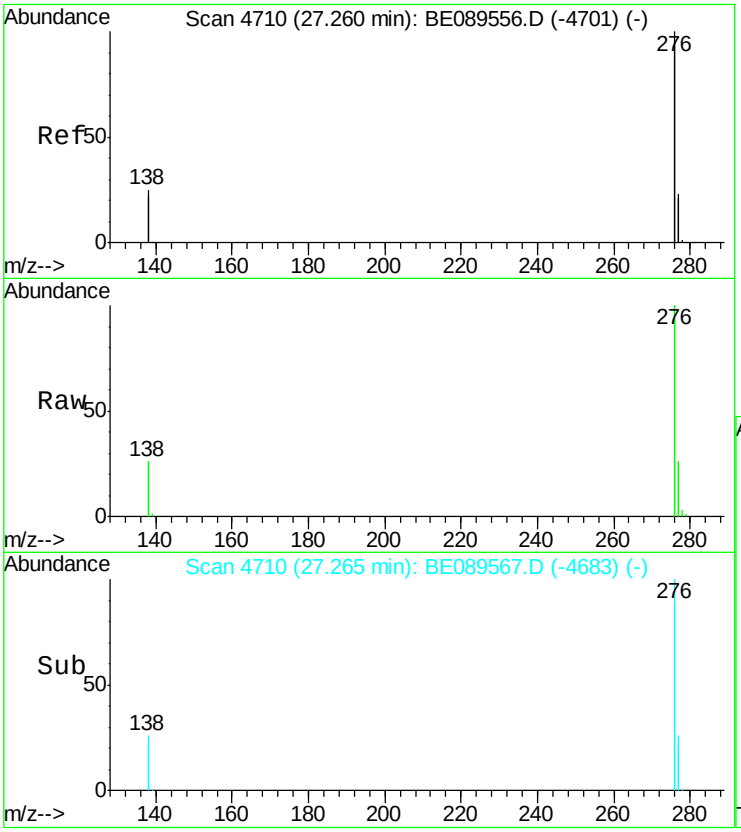


#26
Dibenzo(a,h)anthracene
Concen: 0.70 ng
RT: 26.87 min Scan# 4649
Delta R.T. 0.01 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Tgt Ion:278 Resp: 12780

Ion	Ratio	Lower	Upper
278	100		
139	20.1	16.1	24.1
279	24.4	19.6	29.4





#27
Benzo(g,h,i)perylene
Concen: 0.87 ng
RT: 27.26 min Scan# 4710
Delta R.T. 0.01 min
Lab File: BE089567.D
Acq: 11 Feb 2015 2:56

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 66227

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.7	28.1
138	25.9	19.7	29.5