Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021815\
Data File : BE089614.D
Acq On : 18 Feb 2015 4:09
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC002

Quant Time: Feb 18 05:39:42 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE021815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 05:28:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	47398	5.00	ng	0.00
4) Naphthalene-d8	12.25	136	190615	5.00	ng	0.00
8) Acenaphthene-d10	16.42	164	95344	5.00	ng	0.00
13) Phenanthrene-d10	19.77	188	187397	5.00	ng	0.00
19) Chrysene-d12	23.66	240	194336	5.00	ng	0.00
25) Perylene-d12	25.34	264	163707	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	10.61	82	17660	2.07	ng	0.00
9) 2-Fluorobiphenyl	14.88	172	50629	1.71	ng	0.00
21) Terphenyl-d14	22.30	244	56534	1.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	11465	1.83	ng	100
3) n-Nitrosodimethylamine	3.34	42	11935	1.95	ng	91
6) Naphthalene	12.29	128	84372	1.79	ng	100
7) 2-Methylnaphthalene	13.95	142	53402	1.77	ng	99
10) Acenaphthylene	16.07	152	321878	1.81	ng	100
11) Acenaphthene	16.50	154	49447	1.70	ng	99
12) Fluorene	17.74	166	57998	1.78	ng	99
14) Hexachlorobenzene	19.00	284	16145	1.66	ng	99
15) Pentachlorophenol	19.44	266	2622	0.90	ng	98
16) Phenanthrene	19.82	178	90722	1.66	ng	100
17) Anthracene	19.91	178	81725	1.81	ng	100
18) Fluoranthene	21.72	202	91038	1.96	ng	100
20) Pyrene	22.04	202	99954	1.67	ng	100
22) Benzo(a)anthracene	23.65	228	355395	1.81	ng	99
23) Chrysene	23.69	228	376260	1.64	ng	99
24) Indeno(1,2,3-cd)pyrene	26.75	276	293068	1.76	ng	100
26) Benzo(b)fluoranthene	24.91	252	60272	1.87	ng	99
27) Benzo(k)fluoranthene	24.94	252	99932	1.89	ng	99
28) Benzo(a)pyrene	25.27	252	59058	1.89	ng	99
29) Dibenzo(a,h)anthracene	26.77	278	57349	1.82	ng	98
30) Benzo(g,h,i)perylene	27.17	276	260940	1.70	ng	99

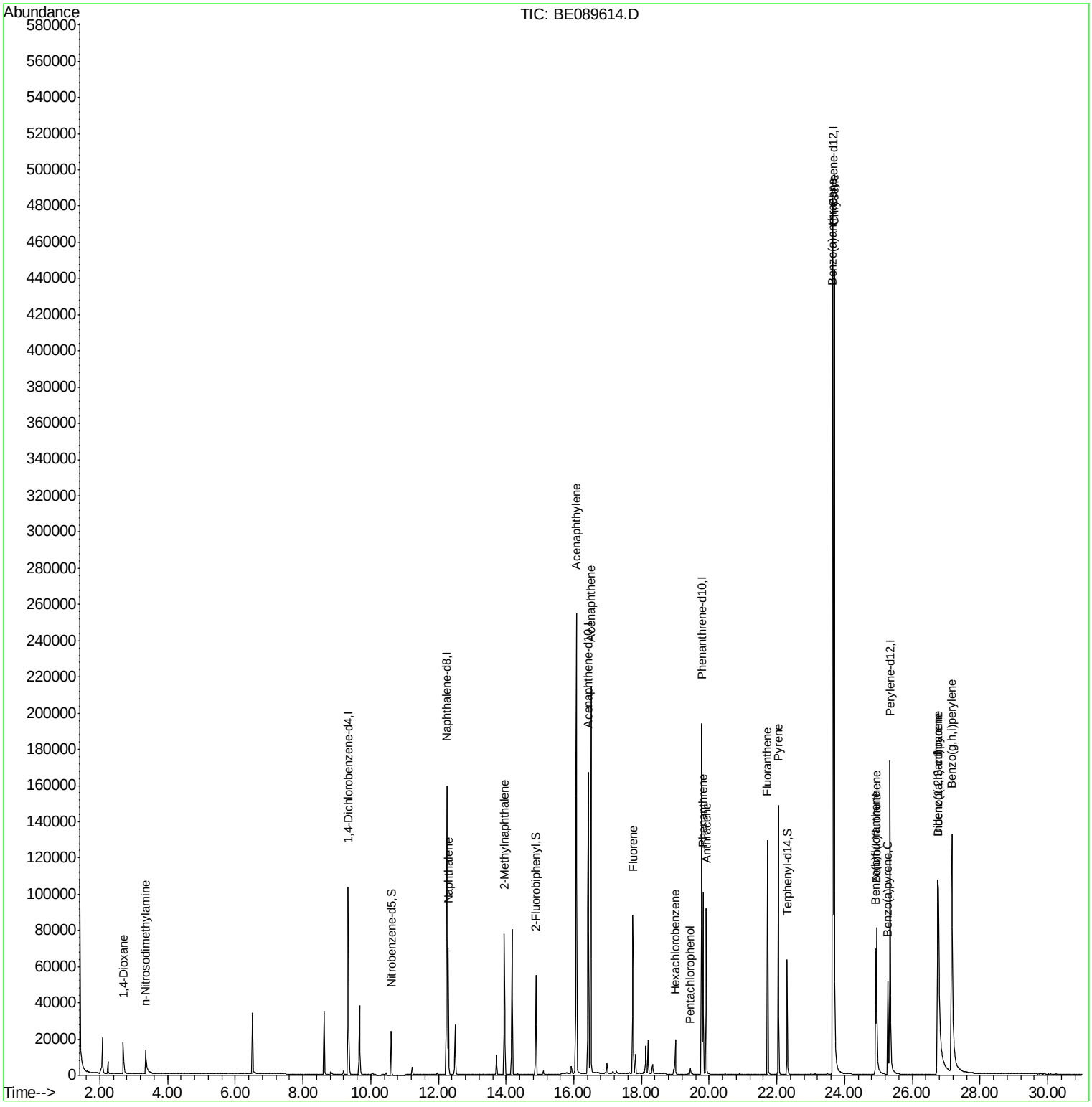
(#) = qualifier out of range (m) = manual integration (+) = signals summed

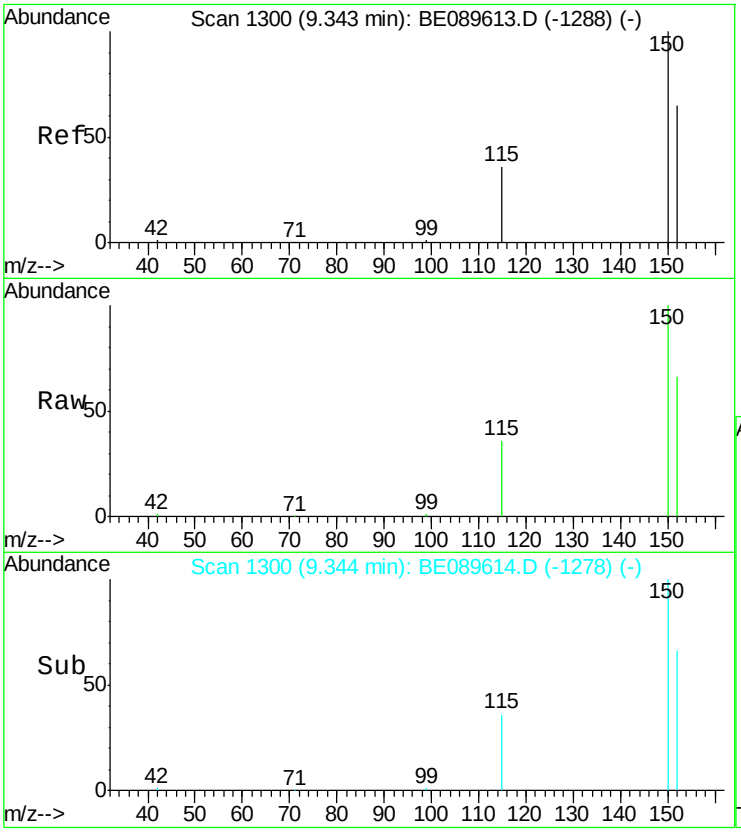
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021815\
Data File : BE089614.D
Acq On : 18 Feb 2015 4:09
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Quant Time: Feb 18 05:39:42 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE021815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 05:28:48 2015
Response via : Initial Calibration



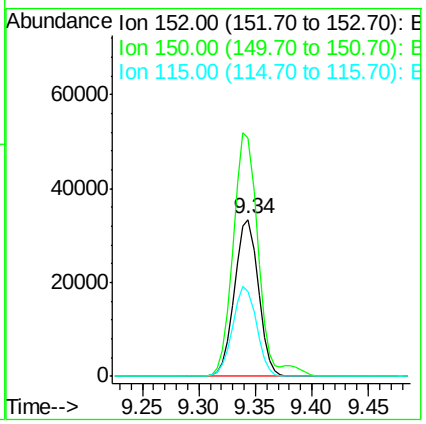


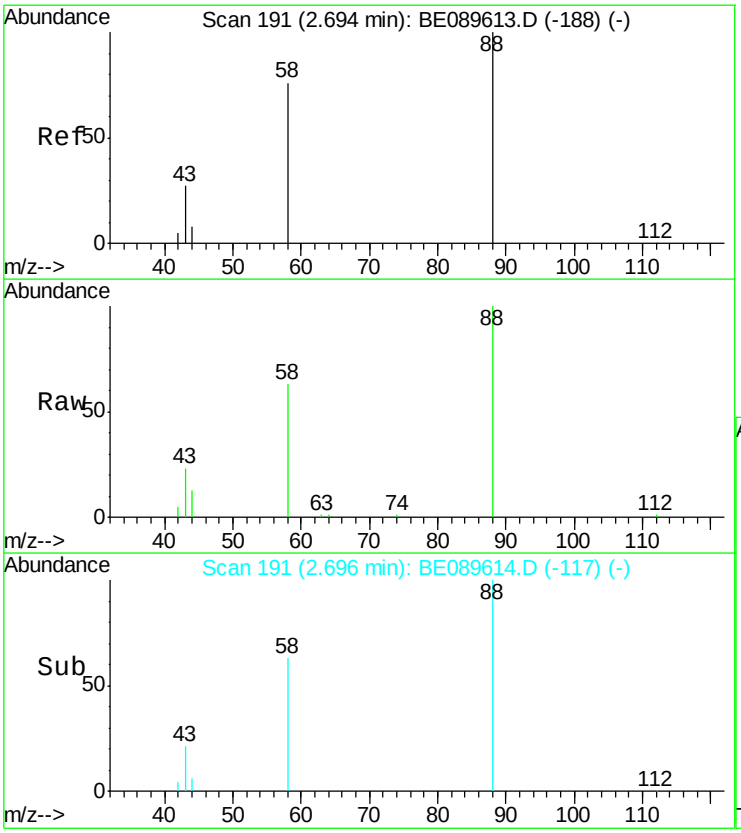
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:152 Resp: 47398

Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.4	183.6
115	54.4	44.2	66.2

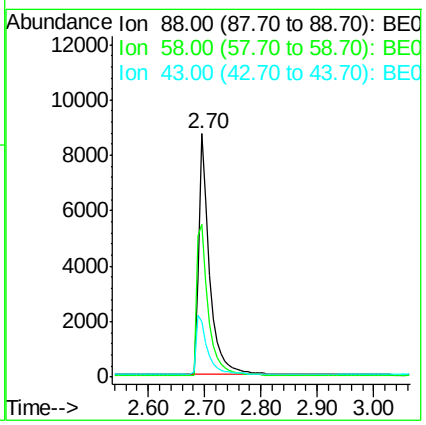


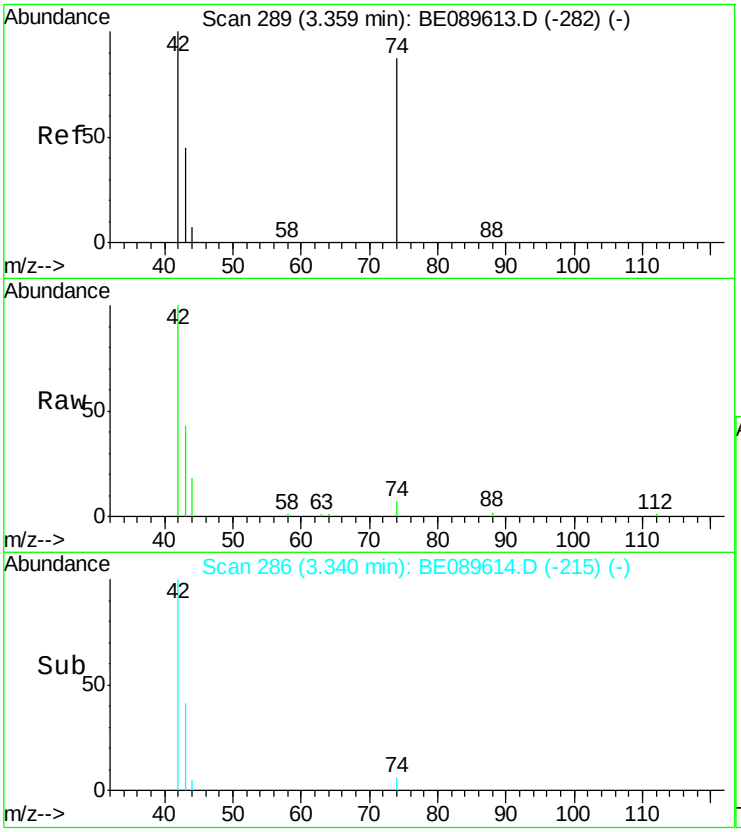


#2
1,4-Dioxane
Concen: 1.83 ng
RT: 2.70 min Scan# 191
Delta R.T. 0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Tgt Ion: 88 Resp: 11465

Ion	Ratio	Lower	Upper
88	100		
58	68.3	54.6	81.8
43	24.9	20.6	30.8



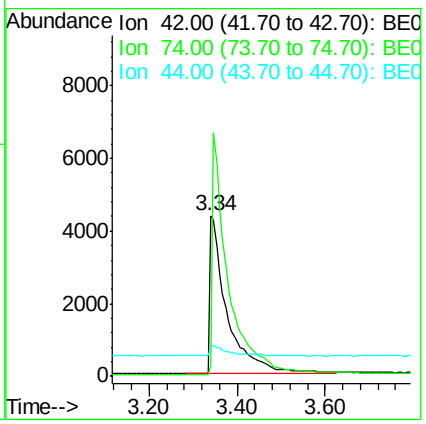


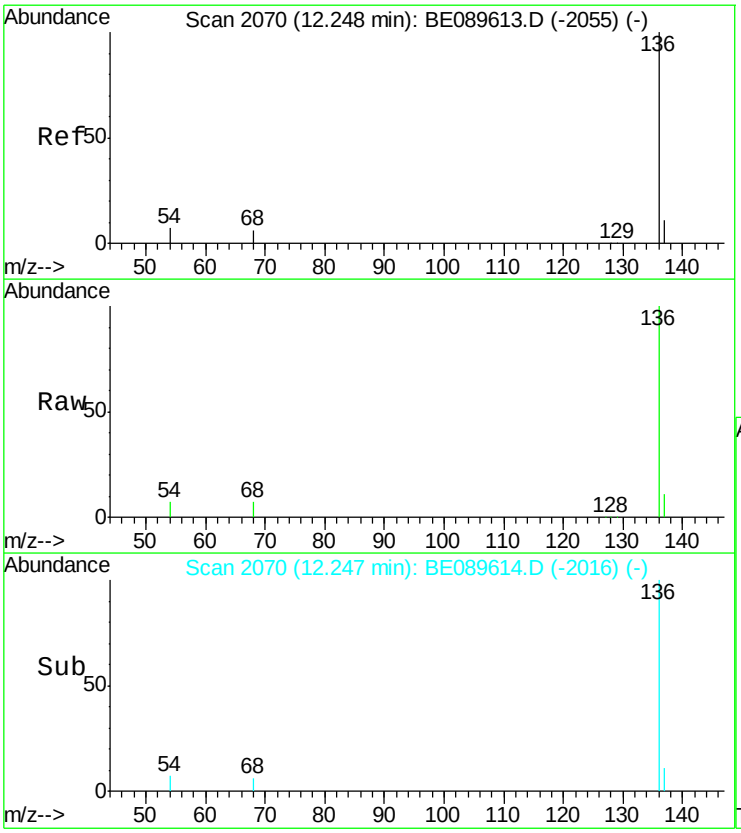
#3
n-Nitrosodimethylamine
Concen: 1.95 ng
RT: 3.34 min Scan# 286
Delta R.T. -0.02 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion: 42 Resp: 11935

Ion	Ratio	Lower	Upper
42	100		
74	139.8	121.4	182.0
44	6.7	4.5	6.7

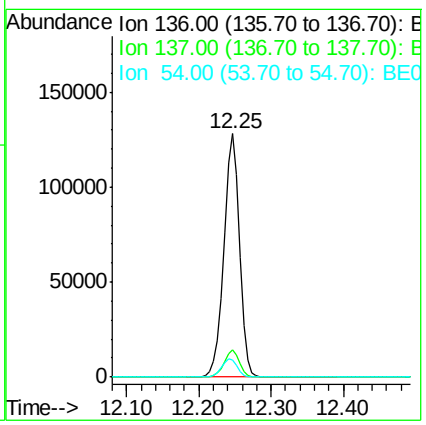


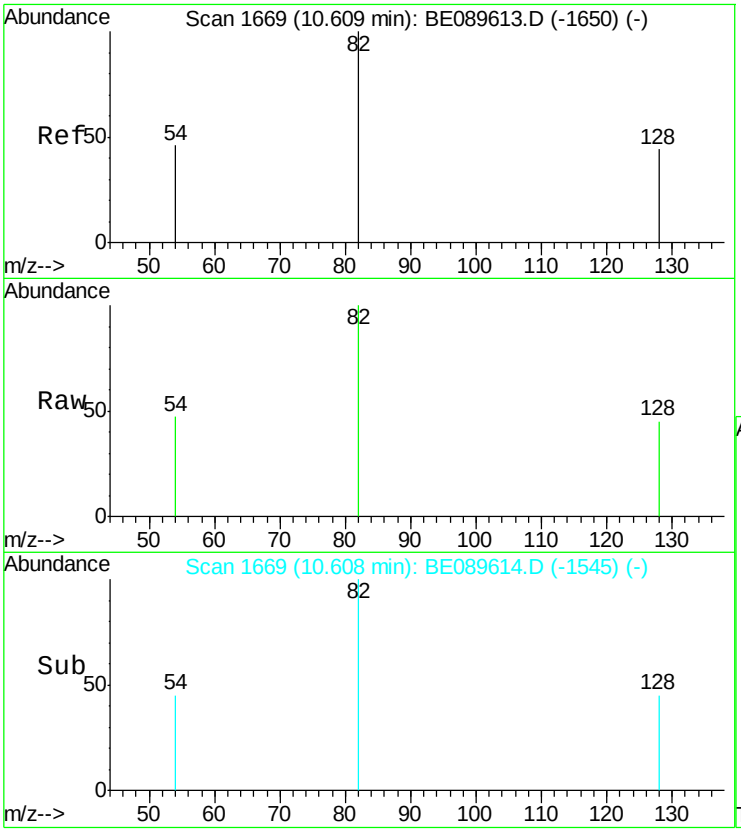


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 12.25 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Tgt Ion:136 Resp: 190615

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	5.3	7.9



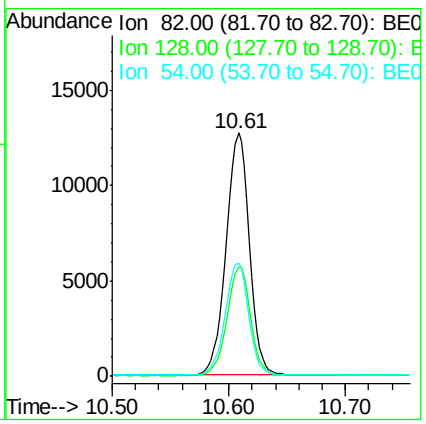


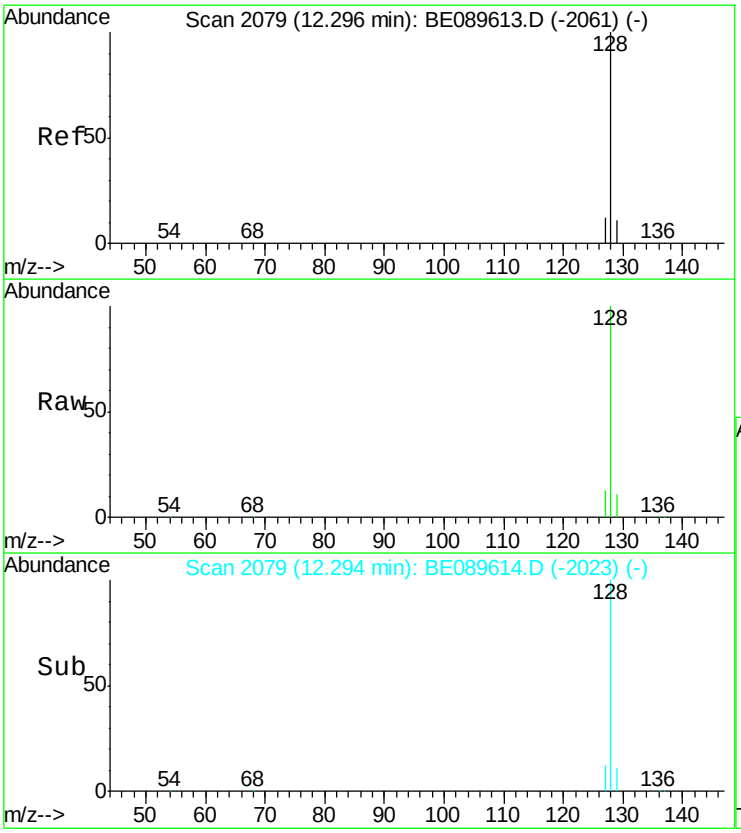
#5
Nitrobenzene-d5
Concen: 2.07 ng
RT: 10.61 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion: 82 Resp: 17660

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.5	53.3
54	46.6	37.5	56.3

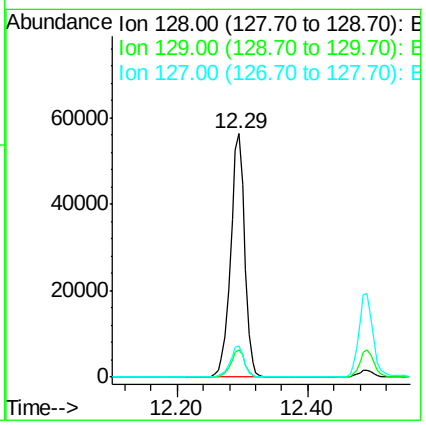


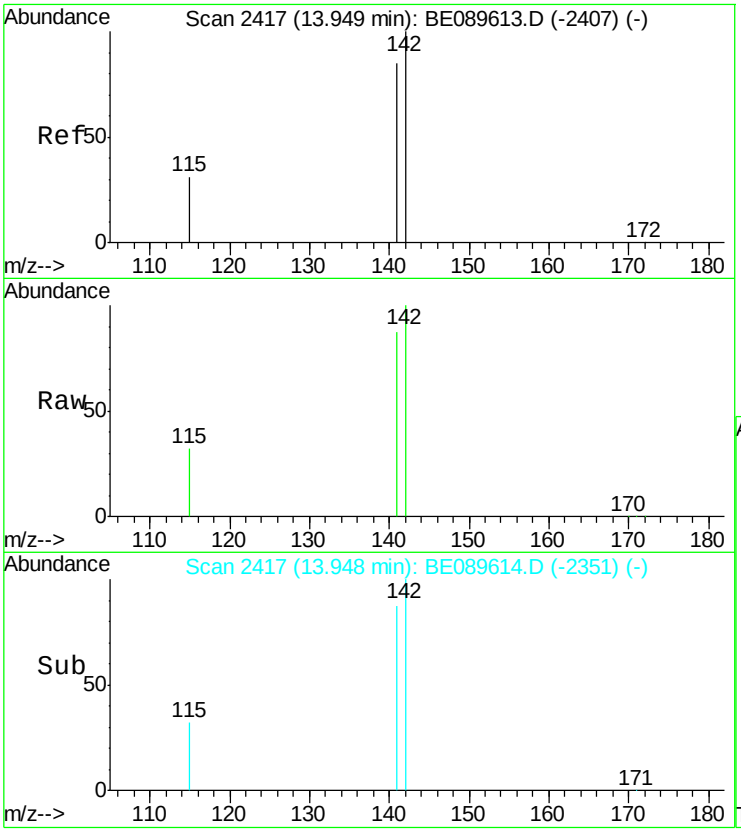


#6
Naphthalene
Concen: 1.79 ng
RT: 12.29 min Scan# 2079
Delta R.T. -0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Tgt Ion:128 Resp: 84372

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	12.6	9.8	14.8



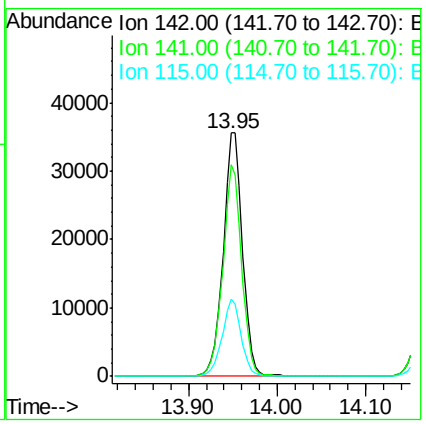


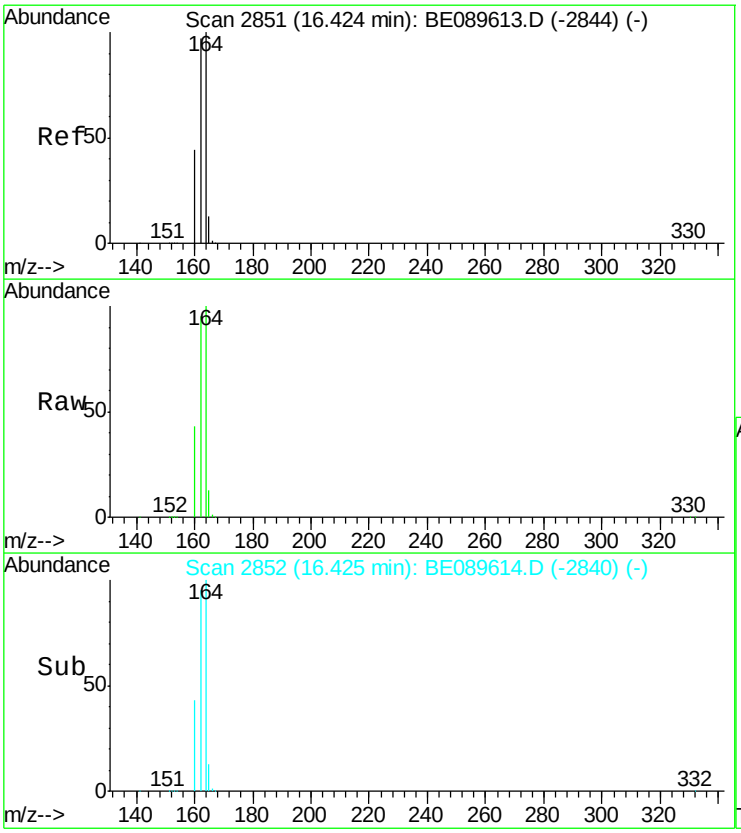
#7
2-Methylnaphthalene
Concen: 1.77 ng
RT: 13.95 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:142 Resp: 53402

Ion	Ratio	Lower	Upper
142	100		
141	86.9	68.3	102.5
115	31.7	25.1	37.7

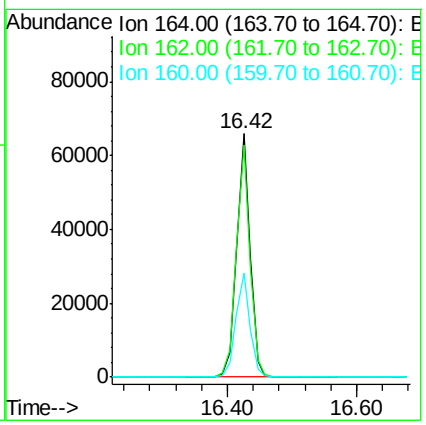


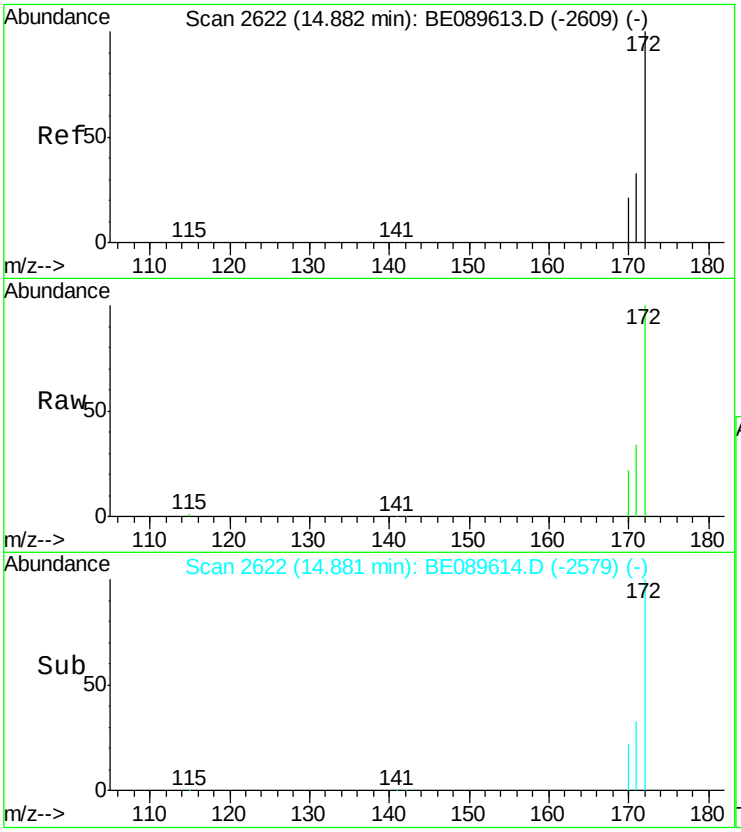


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.42 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Tgt Ion:164 Resp: 95344

Ion	Ratio	Lower	Upper
164	100		
162	95.2	77.5	116.3
160	43.0	35.5	53.3



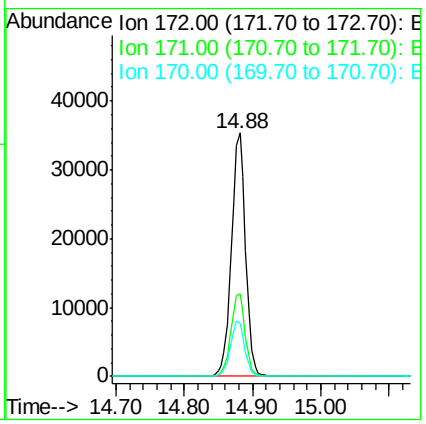


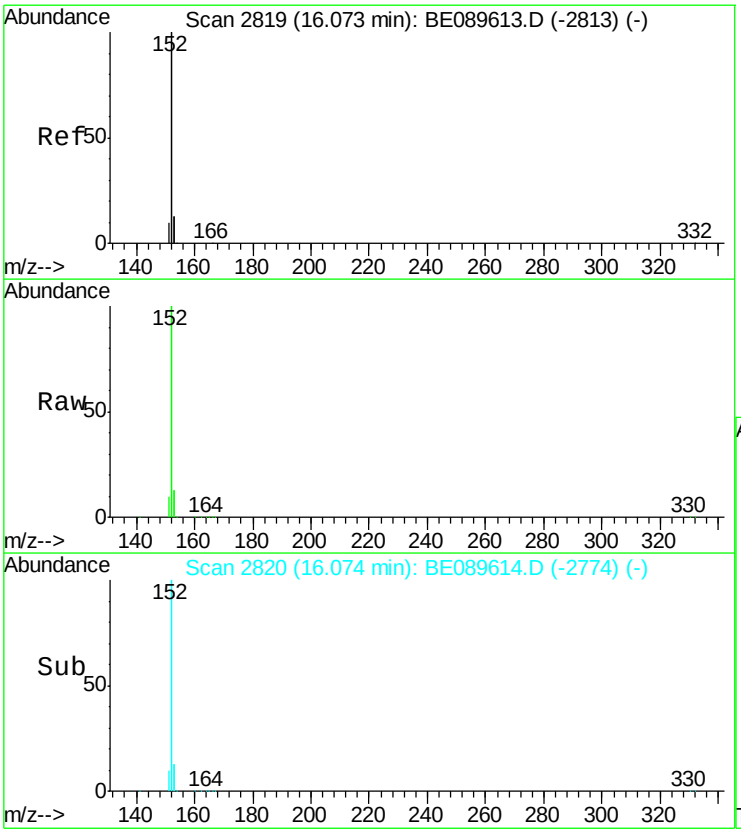
#9
2-Fluorobiphenyl
Concen: 1.71 ng
RT: 14.88 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:172 Resp: 50629

Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.9	40.3
170	21.8	17.4	26.0

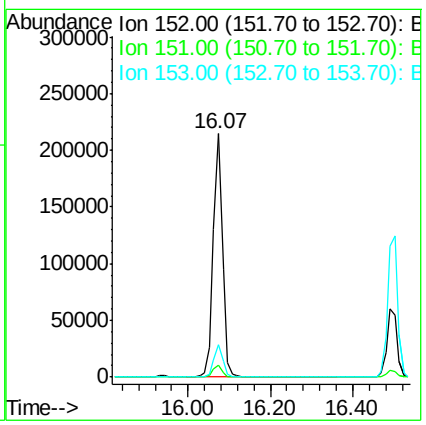


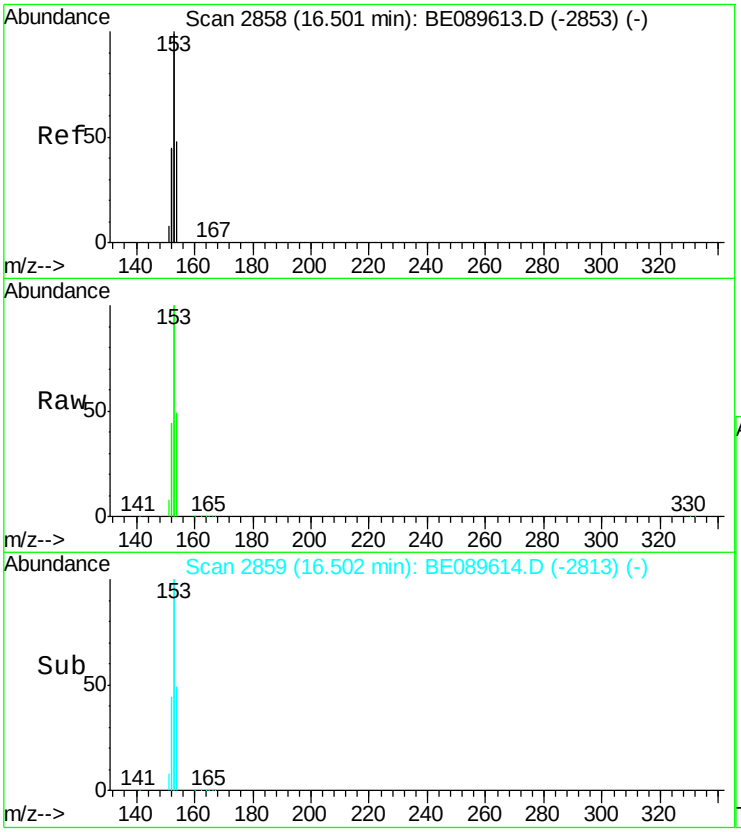


#10
Acenaphthylene
Concen: 1.81 ng
RT: 16.07 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Tgt Ion:152 Resp: 321878

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.5	15.7



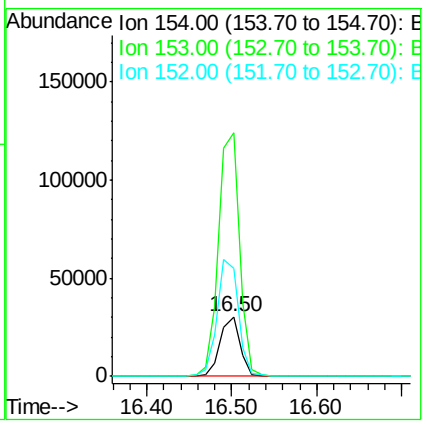


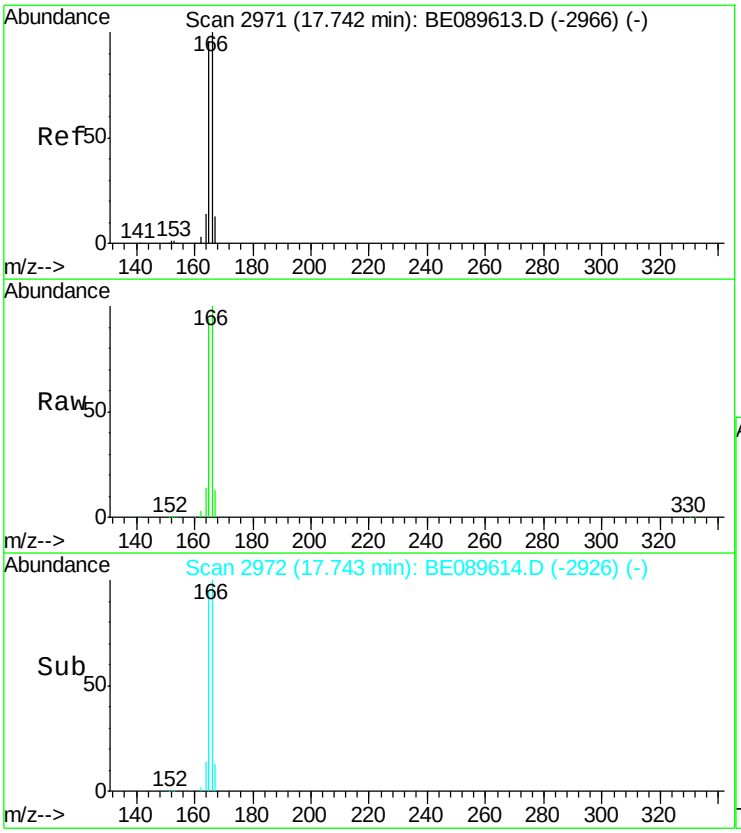
#11
Acenaphthene
Concen: 1.70 ng
RT: 16.50 min Scan# 2859
Delta R.T. 0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:154 Resp: 49447

Ion	Ratio	Lower	Upper
154	100		
153	431.2	348.9	523.3
152	207.7	166.6	249.8

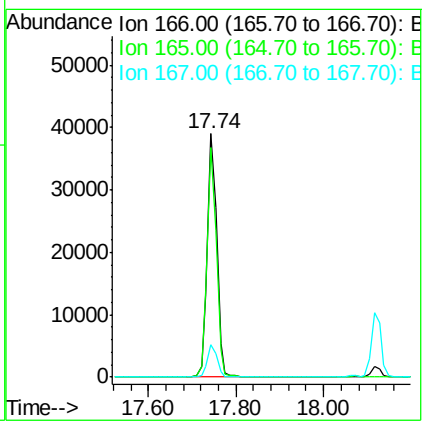


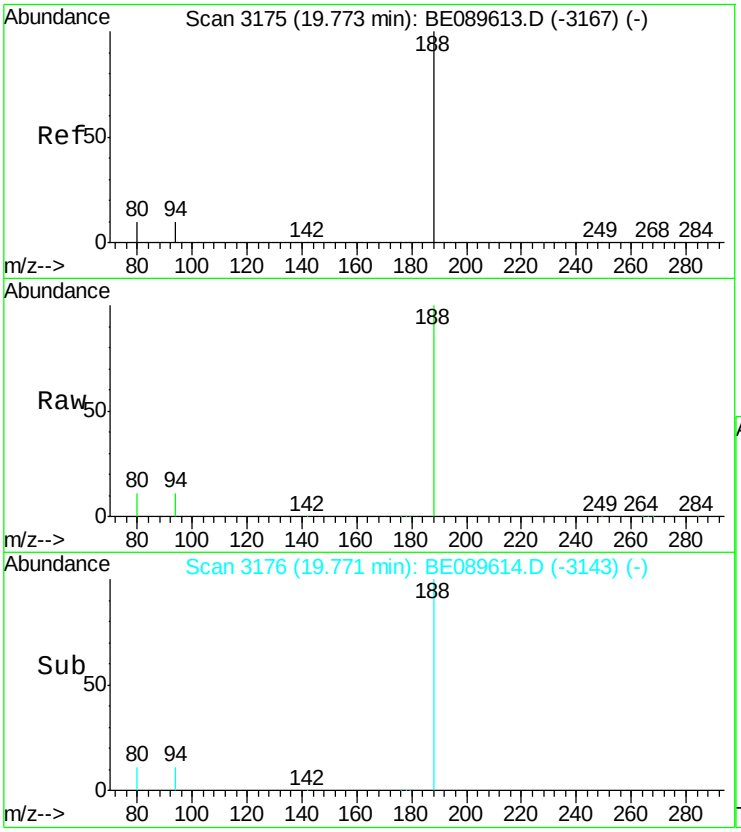


#12
Fluorene
Concen: 1.78 ng
RT: 17.74 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Tgt Ion:166 Resp: 57998

Ion	Ratio	Lower	Upper
166	100		
165	92.3	74.7	112.1
167	13.3	10.5	15.7



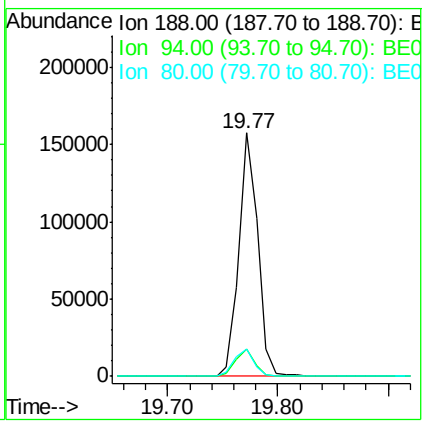


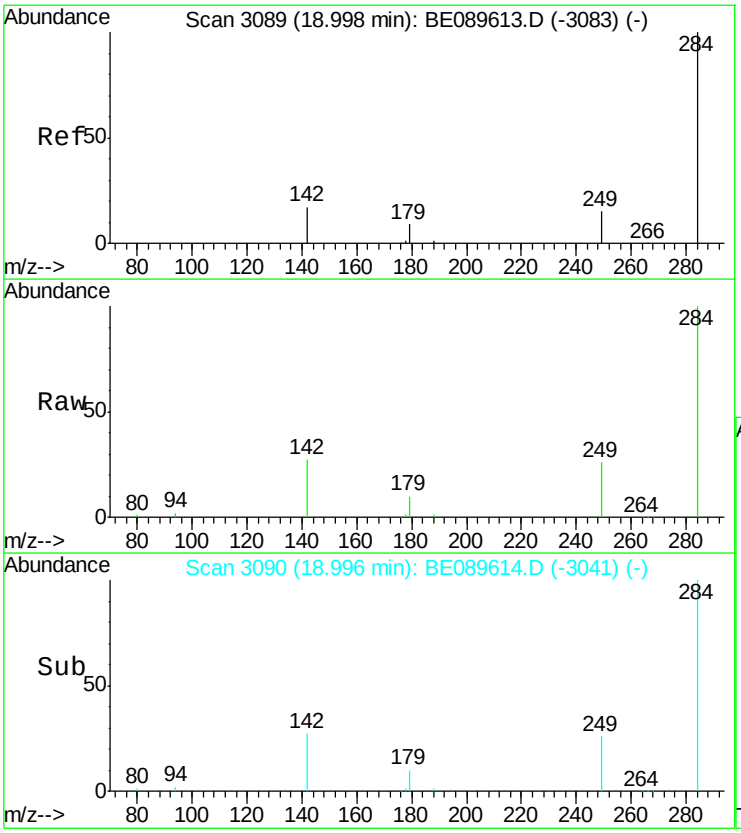
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3176
Delta R.T. -0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:188 Resp: 187397

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.2	12.4
80	11.2	8.1	12.1

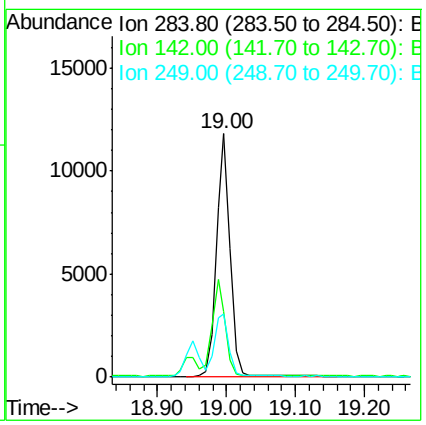


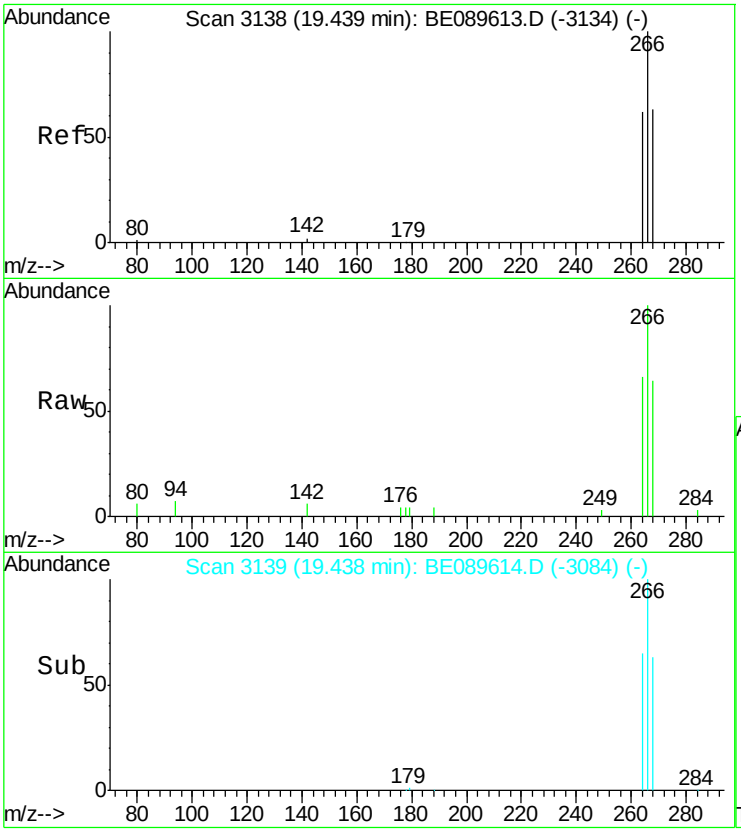


#14
Hexachlorobenzene
Concen: 1.66 ng
RT: 19.00 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Tgt Ion:284 Resp: 16145

Ion	Ratio	Lower	Upper
284	100		
142	39.3	32.3	48.5
249	27.6	22.3	33.5



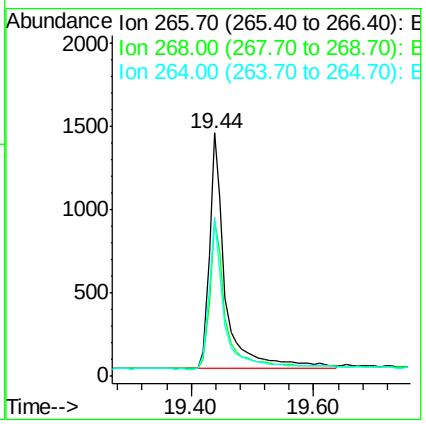


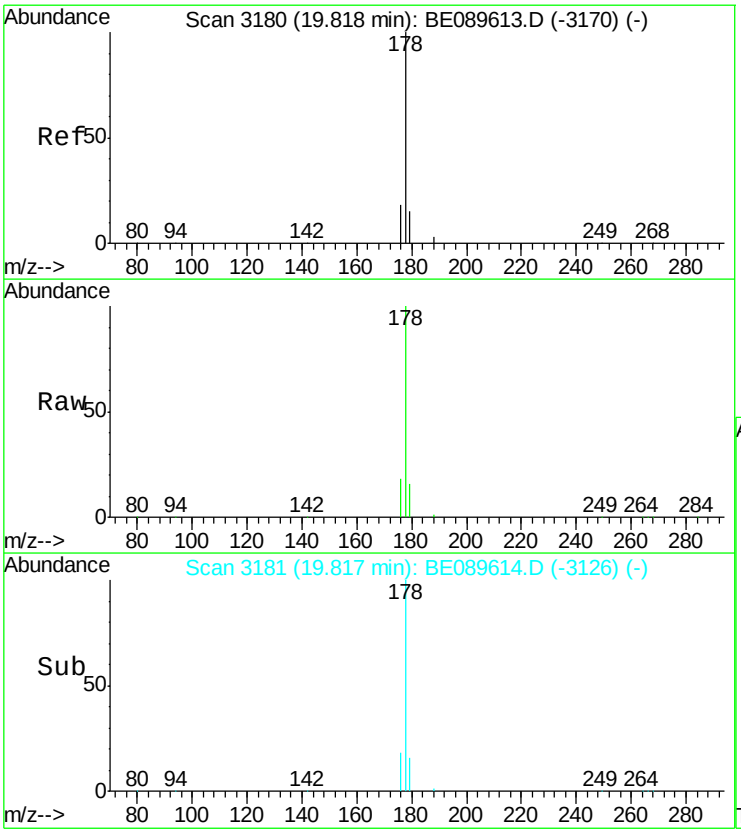
#15
Pentachlorophenol
Concen: 0.90 ng
RT: 19.44 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:266 Resp: 2622

Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.6	79.0
264	65.6	51.8	77.8

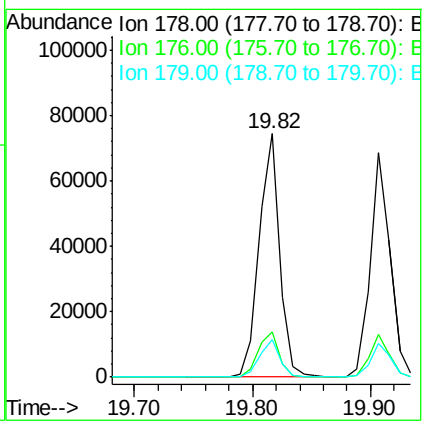


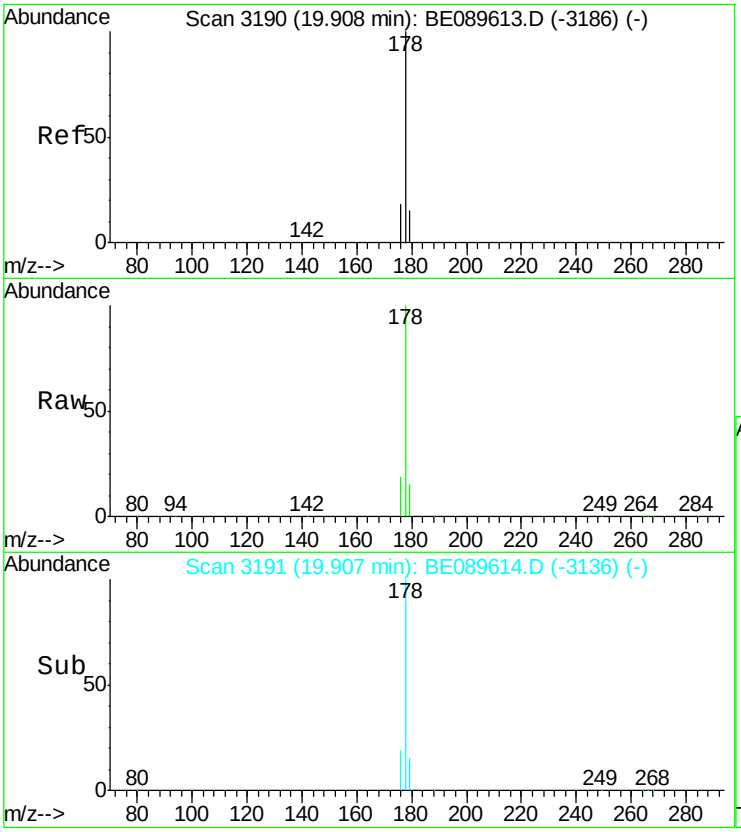


#16
Phenanthrene
Concen: 1.66 ng
RT: 19.82 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Tgt Ion:178 Resp: 90722

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.5	12.3	18.5



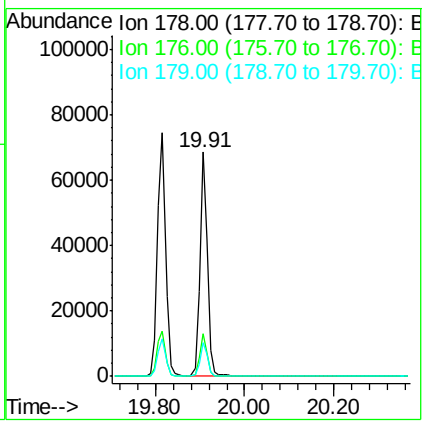


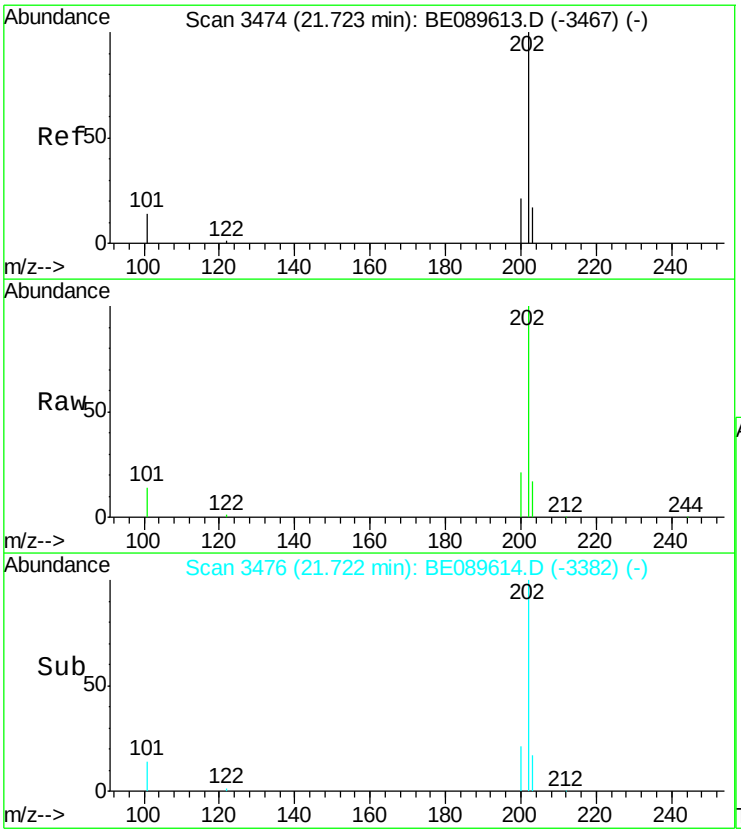
#17
Anthracene
Concen: 1.81 ng
RT: 19.91 min Scan# 3191
Delta R.T. -0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:178 Resp: 81725

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.3	12.3	18.5

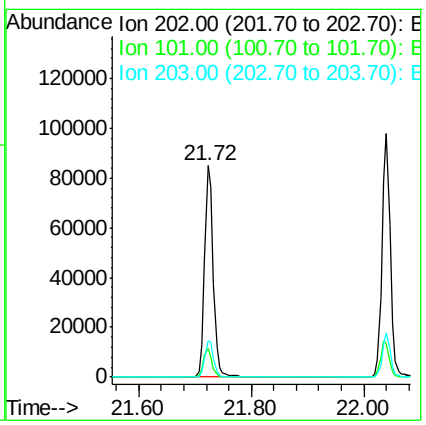


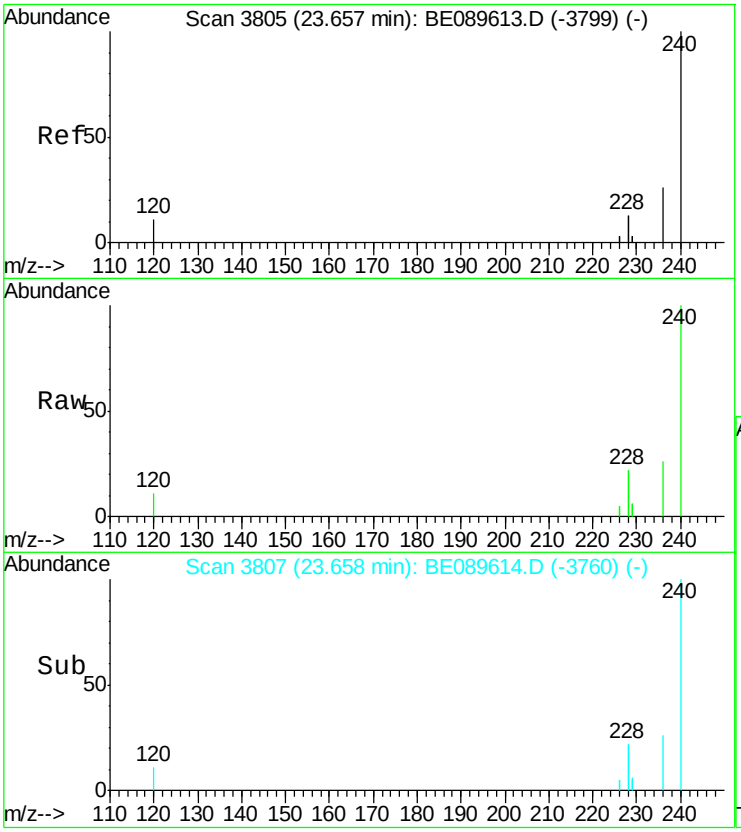


#18
Fluoranthene
Concen: 1.96 ng
RT: 21.72 min Scan# 3476
Delta R.T. -0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Tgt Ion:202 Resp: 91038

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.4	15.6
203	17.4	13.9	20.9



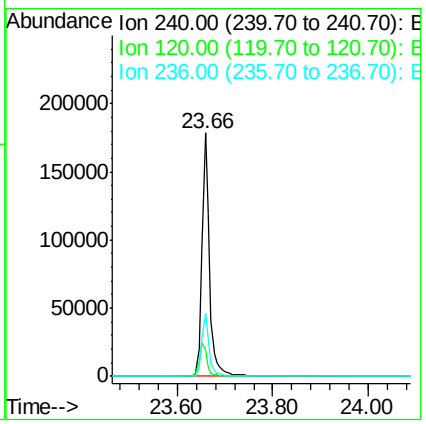


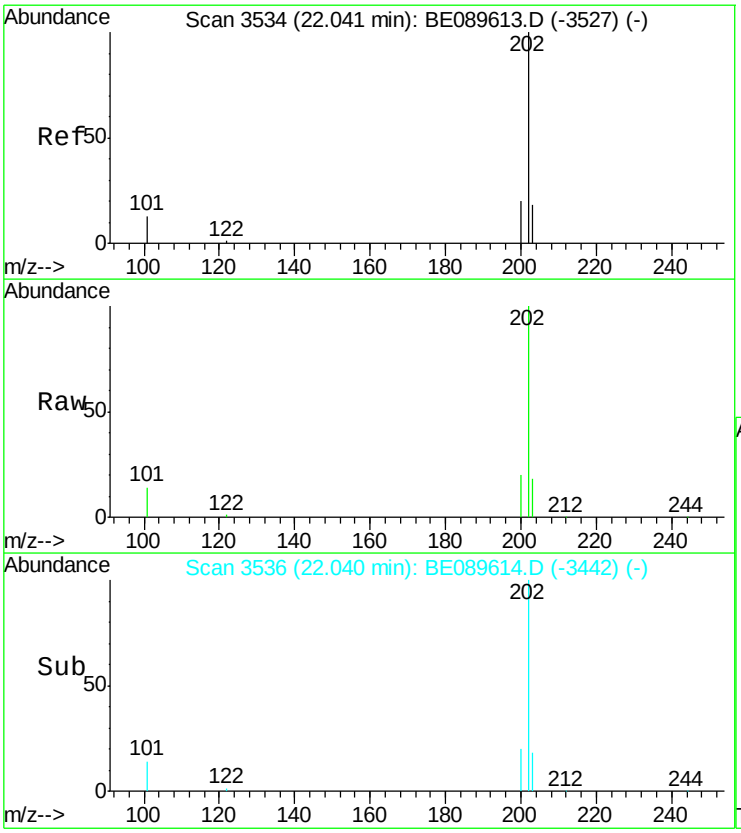
#19
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:240 Resp: 194336

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.4
236	26.2	21.0	31.6

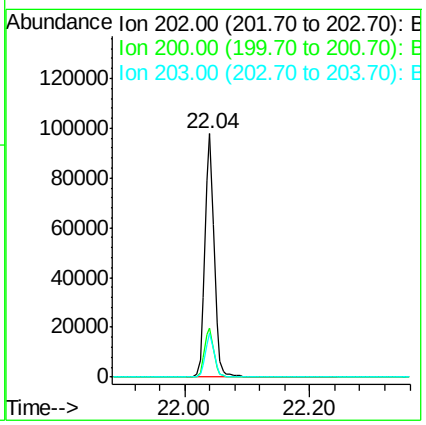


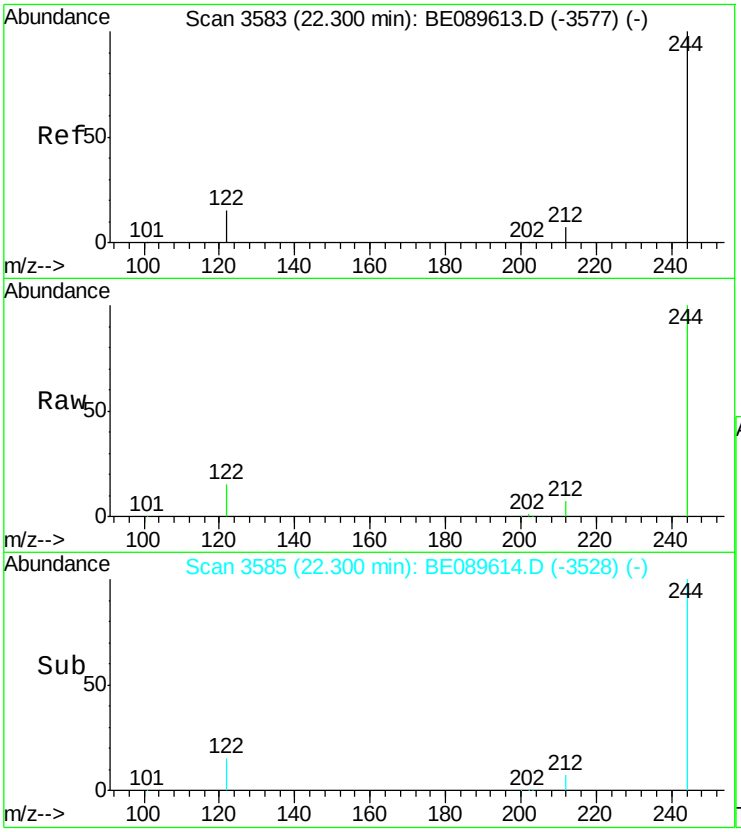


#20
Pyrene
Concen: 1.67 ng
RT: 22.04 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Tgt Ion:202 Resp: 99954

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.6	13.8	20.8



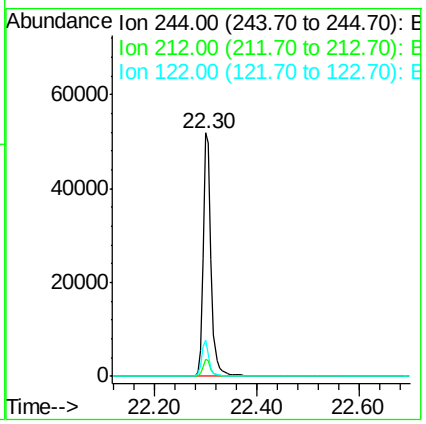


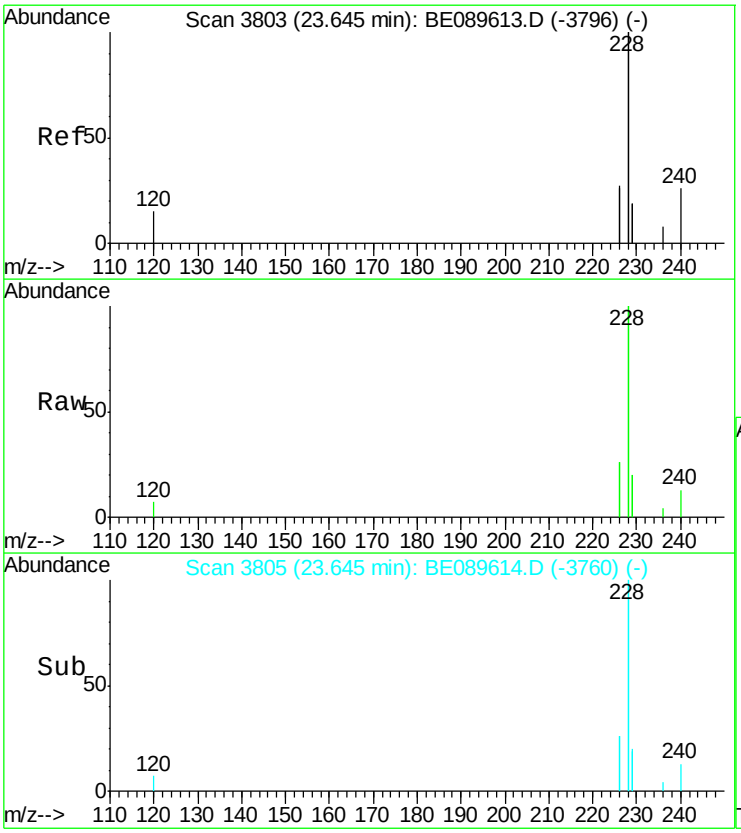
#21
Terphenyl-d14
Concen: 1.60 ng
RT: 22.30 min Scan# 3585
Delta R.T. -0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:244 Resp: 56534

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	14.7	11.8	17.8

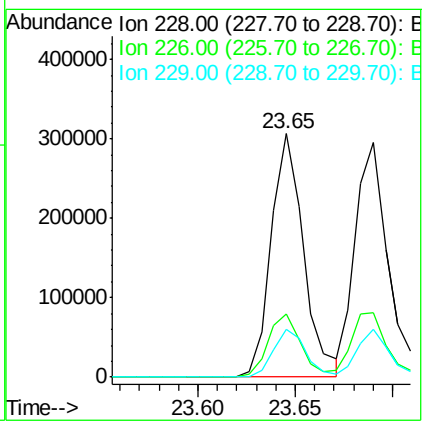


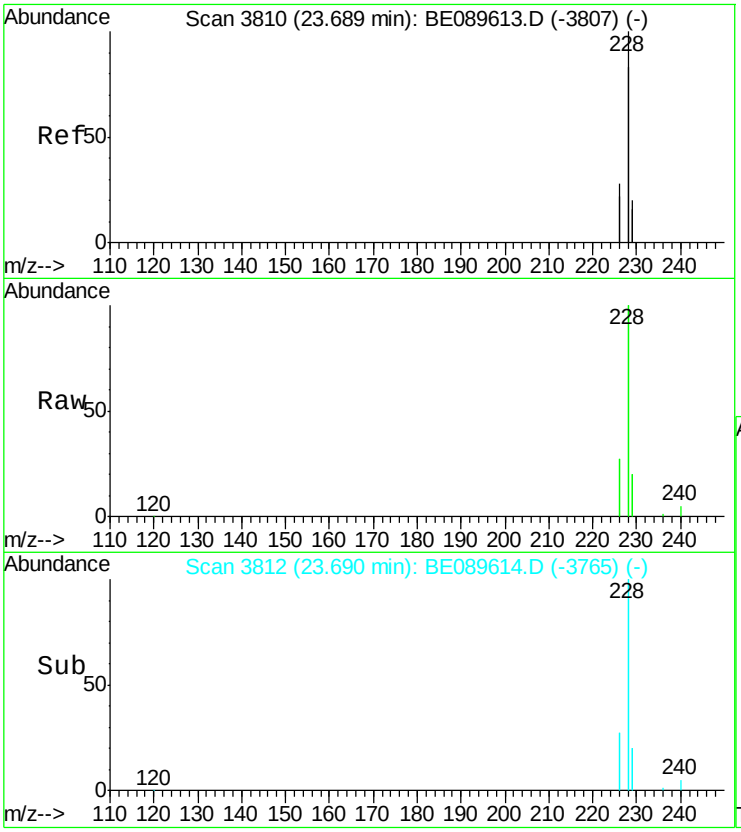


#22
Benzo(a)anthracene
Concen: 1.81 ng
RT: 23.65 min Scan# 3805
Delta R.T. 0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Tgt Ion:228 Resp: 355395

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.2	31.8
229	19.5	15.2	22.8



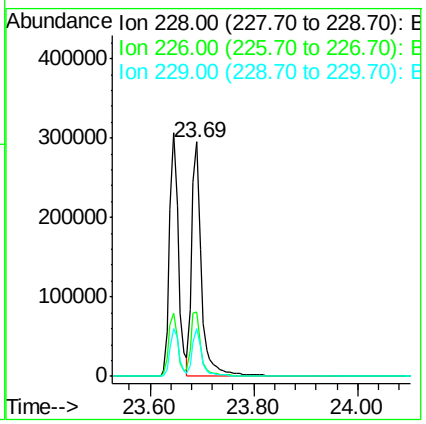


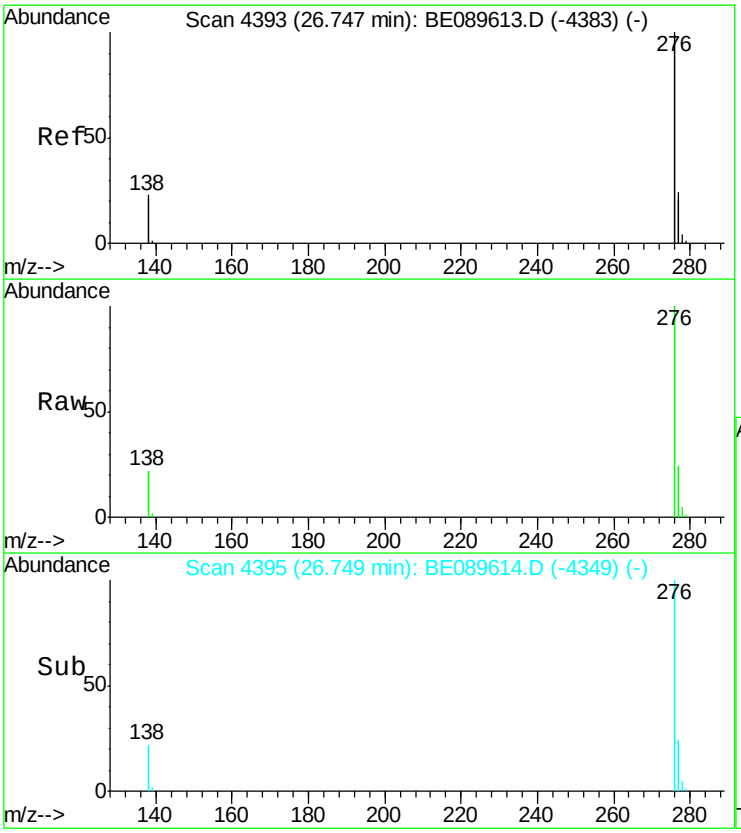
#23
Chrysene
Concen: 1.64 ng
RT: 23.69 min Scan# 3812
Delta R.T. 0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:228 Resp: 376260

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.4
229	20.3	16.0	24.0

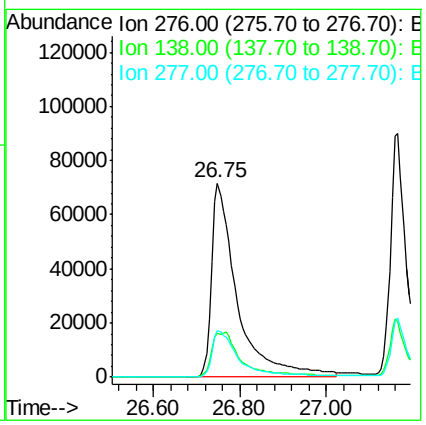


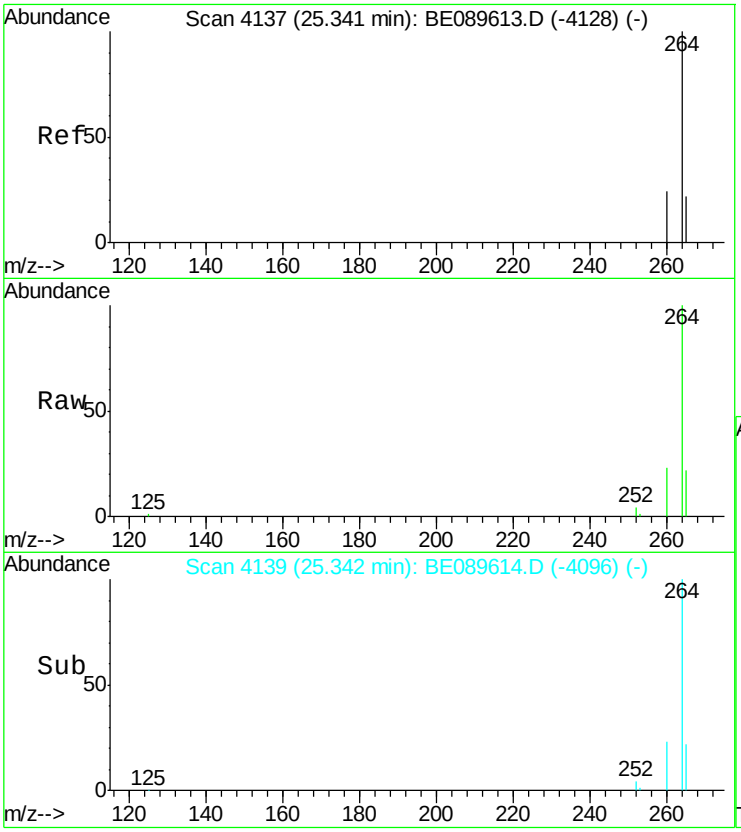


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.76 ng
RT: 26.75 min Scan# 4395
Delta R.T. 0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Tgt Ion:276 Resp: 293068

Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.4	32.2
277	24.9	19.9	29.9



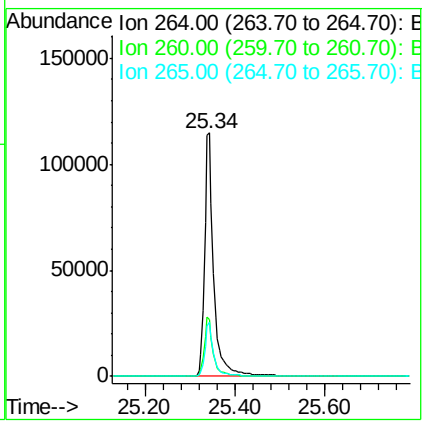


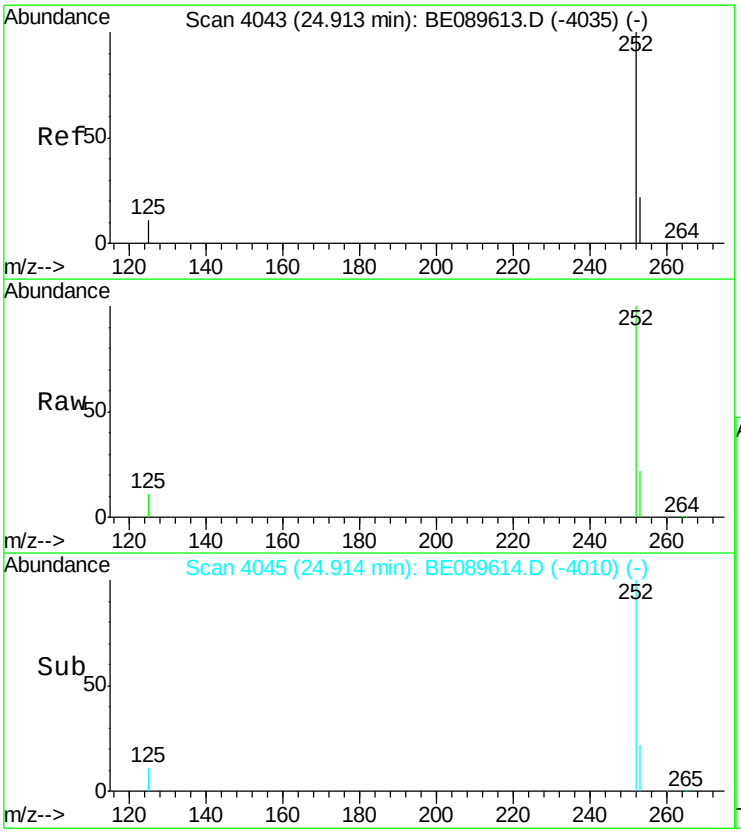
#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4139
Delta R.T. 0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:264 Resp: 163707

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.2	17.4	26.0

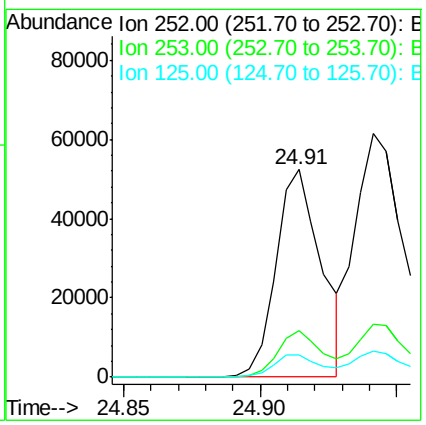


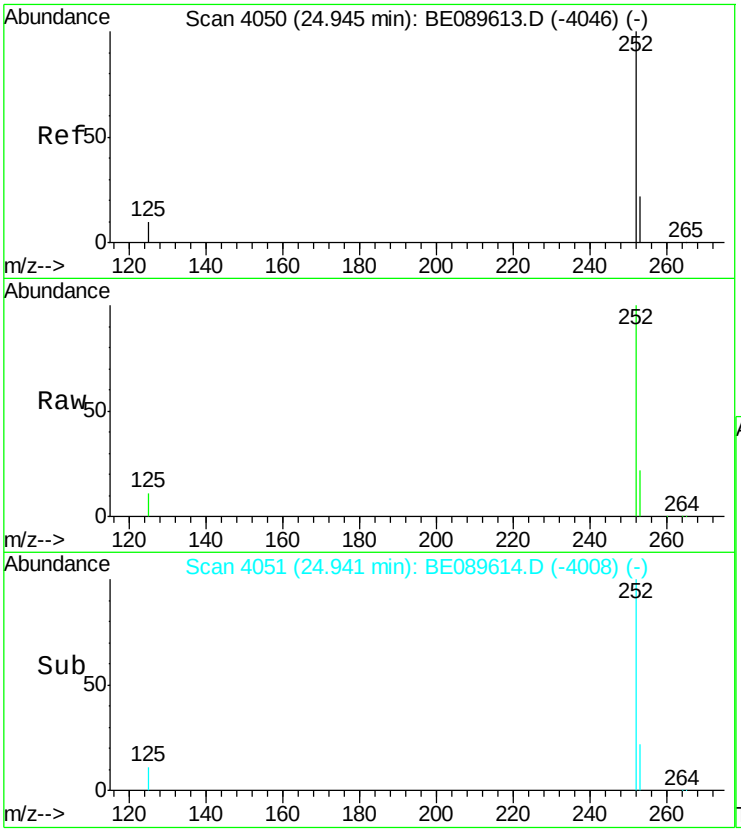


#26
Benzo(b)fluoranthene
Concen: 1.87 ng
RT: 24.91 min Scan# 4045
Delta R.T. 0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Tgt Ion:252 Resp: 60272

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.6	8.8	13.2



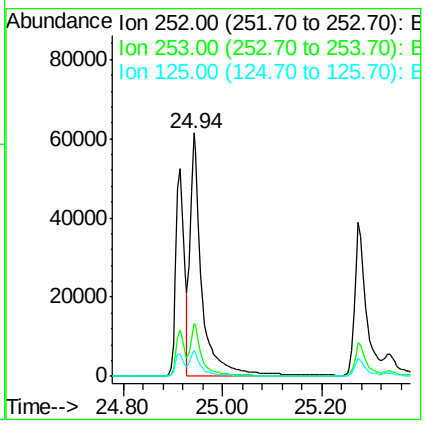


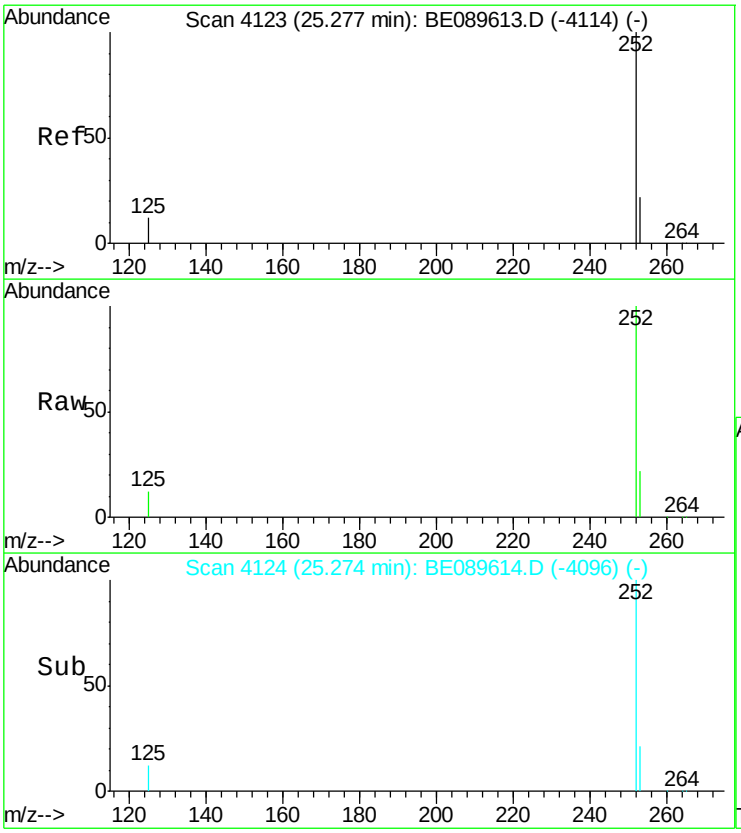
#27
Benzo(k)fluoranthene
Concen: 1.89 ng
RT: 24.94 min Scan# 4051
Delta R.T. -0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:252 Resp: 99932

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	10.9	8.8	13.2

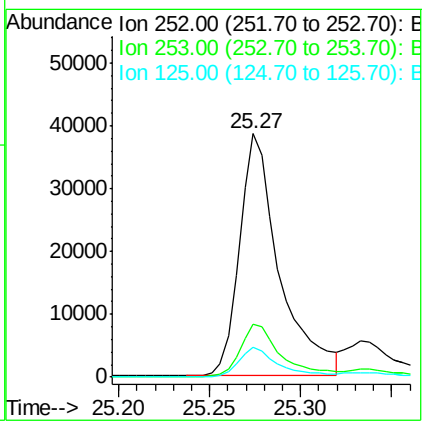


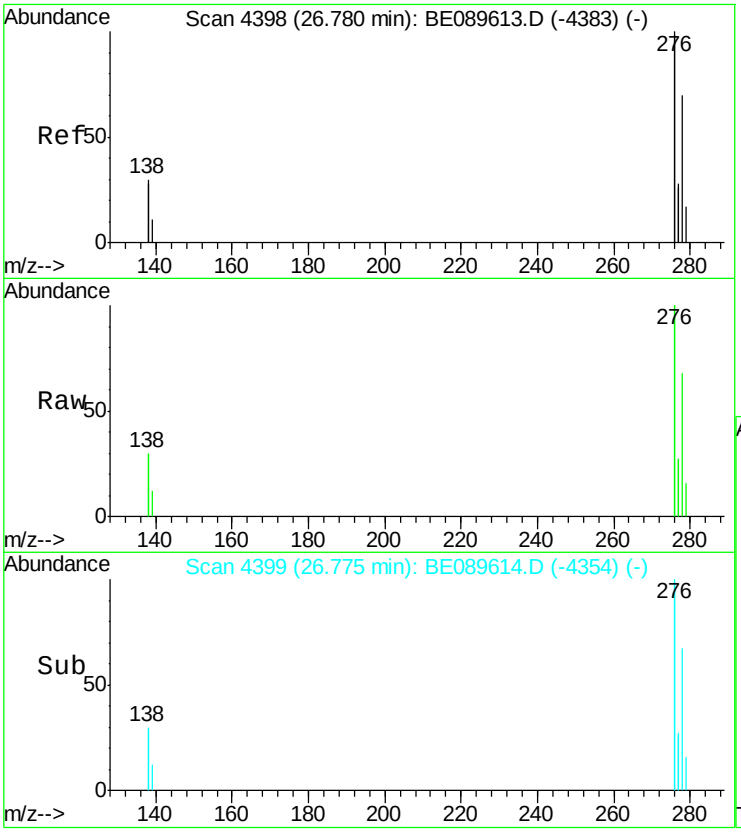


#28
Benzo(a)pyrene
Concen: 1.89 ng
RT: 25.27 min Scan# 4124
Delta R.T. -0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Tgt Ion:252 Resp: 59058

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	12.0	9.6	14.4



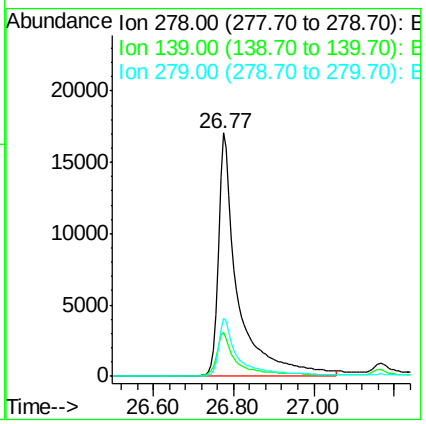


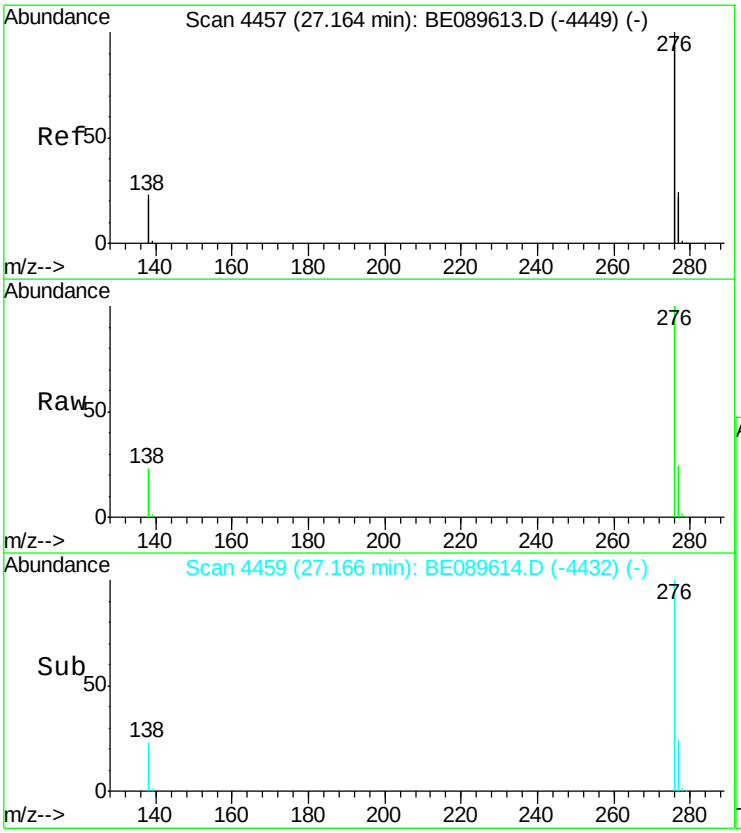
#29
Dibenzo(a,h)anthracene
Concen: 1.82 ng
RT: 26.77 min Scan# 4399
Delta R.T. -0.01 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:278 Resp: 57349

Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.7	20.5
279	23.9	19.7	29.5





#30
Benzo(g,h,i)perylene
Concen: 1.70 ng
RT: 27.17 min Scan# 4459
Delta R.T. 0.00 min
Lab File: BE089614.D
Acq: 18 Feb 2015 4:09

Tgt Ion:276 Resp: 260940

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	22.6	18.7	28.1