Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022315\
Data File : BE089653.D
Acq On : 23 Feb 2015 22:51
Operator : TP/JJ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 24 03:18:01 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SIMPAH-BE022315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 24 03:06:59 2015
Response via : Initial Calibration

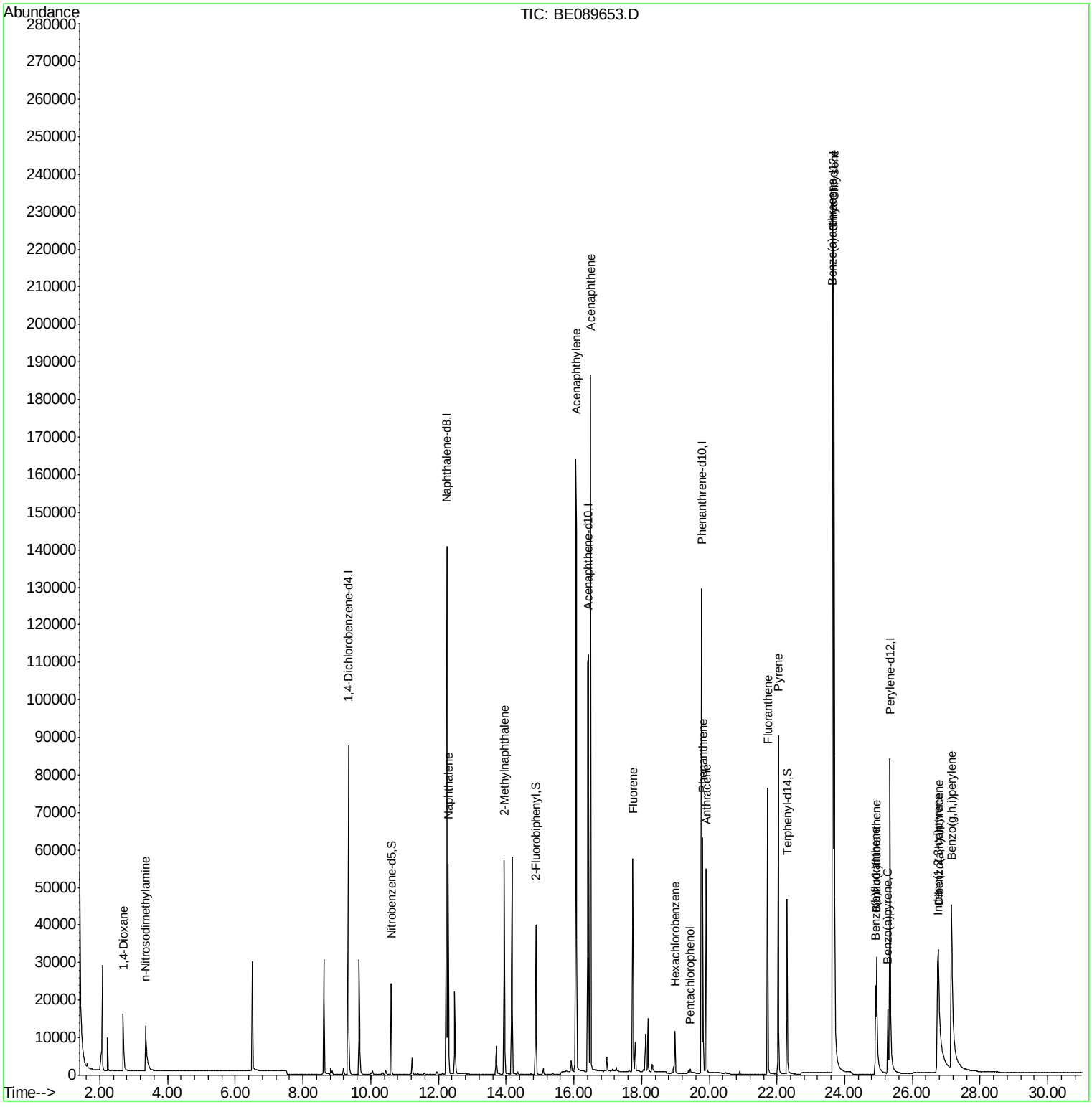
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	37405	5.00	ng		0.00
4) Naphthalene-d8	12.24	136	159784	5.00	ng		0.00
8) Acenaphthene-d10	16.43	164	74546	5.00	ng		0.00
13) Phenanthrene-d10	19.77	188	132551	5.00	ng		0.00
19) Chrysene-d12	23.66	240	109869	5.00	ng		0.00
25) Perylene-d12	25.34	264	85426	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	10.61	82	17581	2.42	ng		0.00
9) 2-Fluorobiphenyl	14.88	172	35733	1.84	ng		0.00
21) Terphenyl-d14	22.30	244	40311	2.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	10418	1.68	ng		98
3) n-Nitrosodimethylamine	3.34	42	13780	2.09	ng		100
6) Naphthalene	12.29	128	65686	1.81	ng		100
7) 2-Methylnaphthalene	13.95	142	38410	1.88	ng		97
10) Acenaphthylene	16.06	152	226702	1.84	ng		100
11) Acenaphthene	16.49	154	35525	1.80	ng		99
12) Fluorene	17.74	166	39175	1.90	ng		100
14) Hexachlorobenzene	18.99	284	7177	1.75	ng		98
15) Pentachlorophenol	19.43	266	936	0.92	ng		95
16) Phenanthrene	19.81	178	58414	1.76	ng		100
17) Anthracene	19.91	178	52816	1.97	ng		100
18) Fluoranthene	21.72	202	53415	2.22	ng		100
20) Pyrene	22.03	202	58405	1.69	ng		100
22) Benzo(a)anthracene	23.65	228	163940	2.03	ng		97
23) Chrysene	23.68	228	204427	1.72	ng		96
24) Indeno(1,2,3-cd)pyrene	26.74	276	101775	2.27	ng	#	92
26) Benzo(b)fluoranthene	24.91	252	20575	2.52	ng		98
27) Benzo(k)fluoranthene	24.94	252	49401	2.30	ng		99
28) Benzo(a)pyrene	25.27	252	22550	2.39	ng		98
29) Dibenzo(a,h)anthracene	26.77	278	19172	2.42	ng		97
30) Benzo(g,h,i)perylene	27.16	276	101860	2.08	ng		97

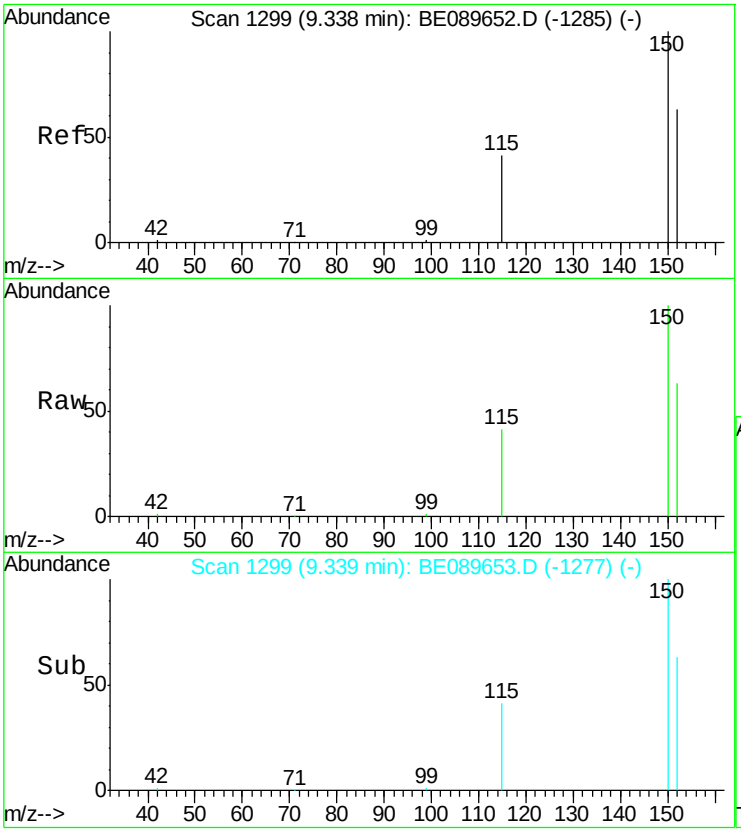
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022315\
Data File : BE089653.D
Acq On : 23 Feb 2015 22:51
Operator : TP/JJ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 24 03:18:01 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SIMPAH-BE022315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 24 03:06:59 2015
Response via : Initial Calibration

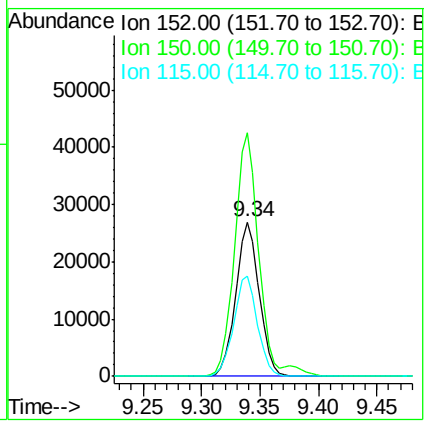


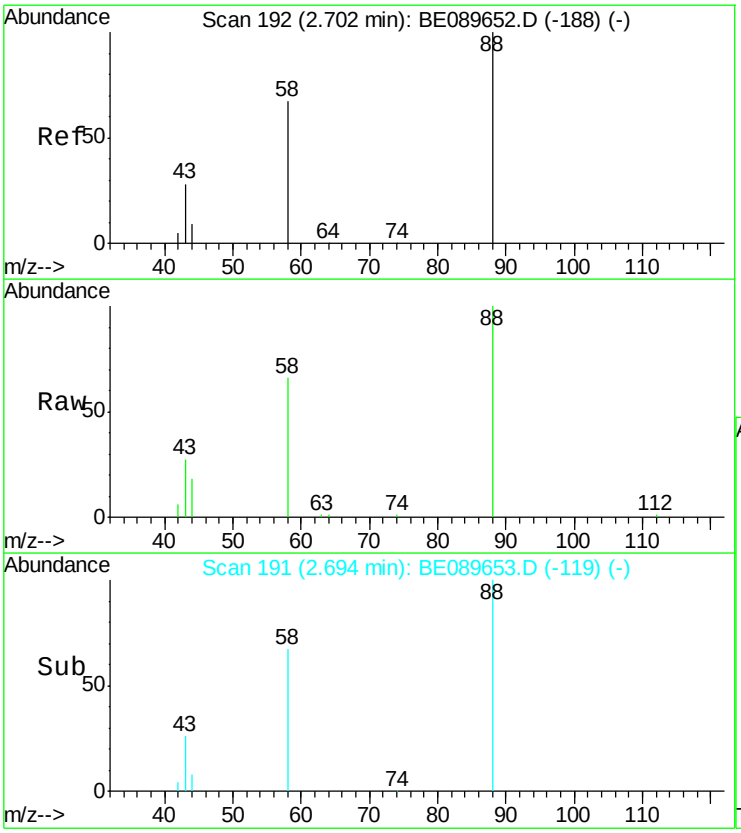


#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:152 Resp: 37405

Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.0	190.6
115	64.7	52.4	78.6

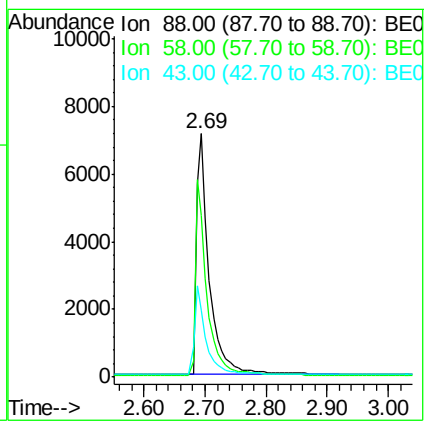


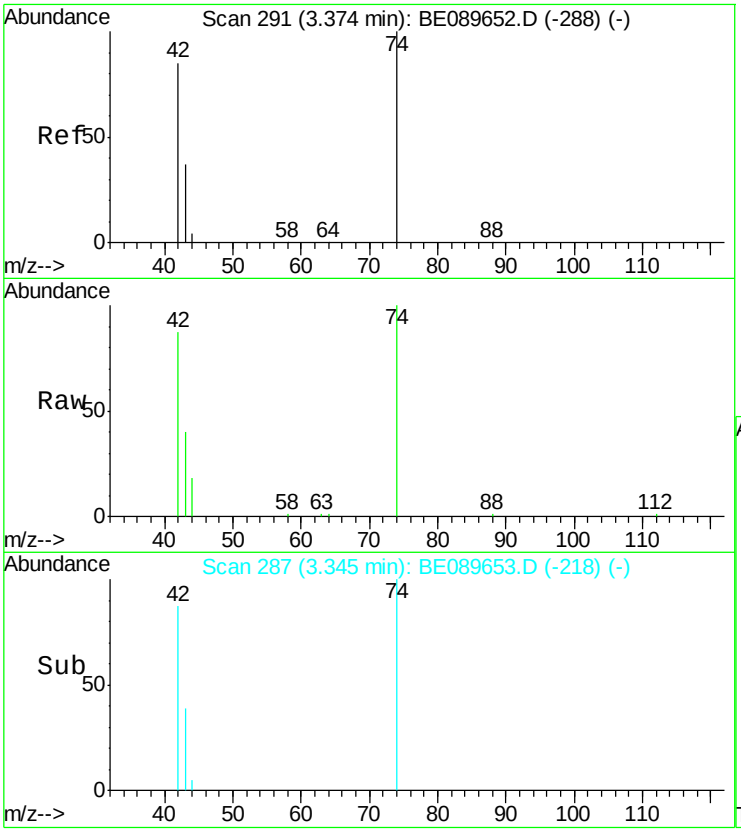


#2
1,4-Dioxane
Concen: 1.68 ng
RT: 2.69 min Scan# 191
Delta R.T. -0.01 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion: 88 Resp: 10418

Ion	Ratio	Lower	Upper
88	100		
58	75.1	61.8	92.6
43	32.9	26.4	39.6

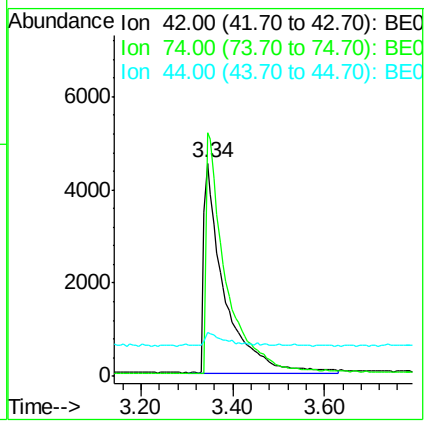


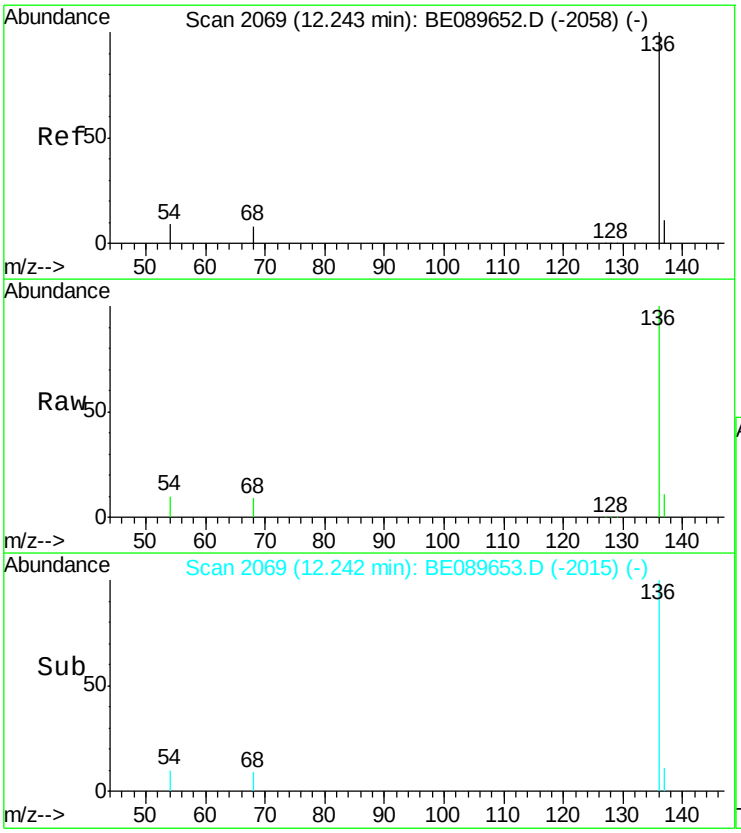


#3
n-Nitrosodimethylamine
Concen: 2.09 ng
RT: 3.34 min Scan# 287
Delta R.T. -0.03 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion: 42 Resp: 13780

Ion	Ratio	Lower	Upper
42	100		
74	115.2	92.5	138.7
44	6.0	4.9	7.3

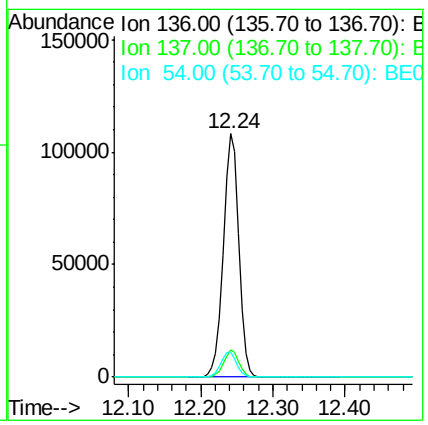


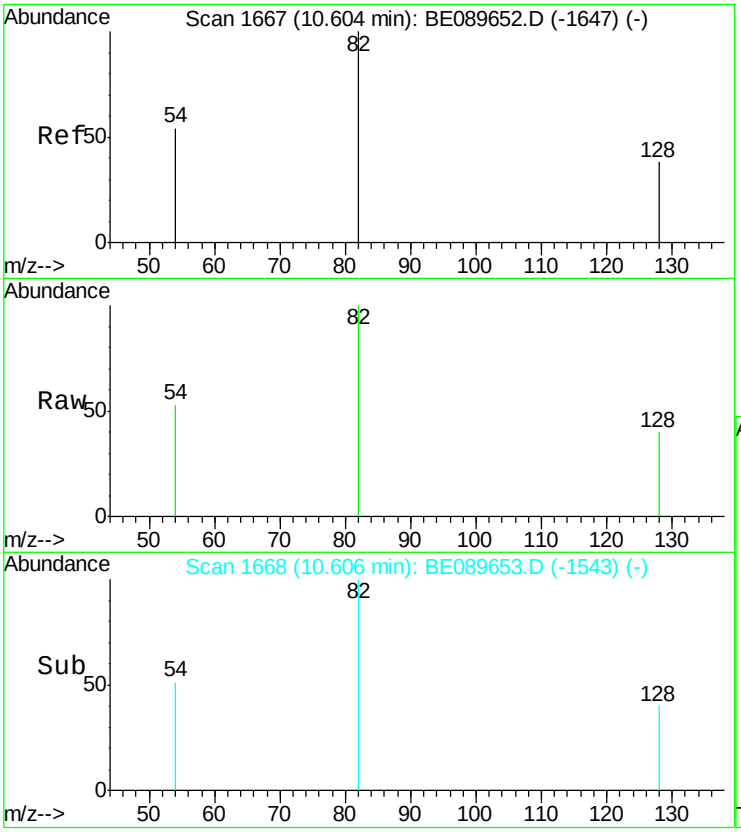


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 12.24 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:136 Resp: 159784

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.4	7.5	11.3

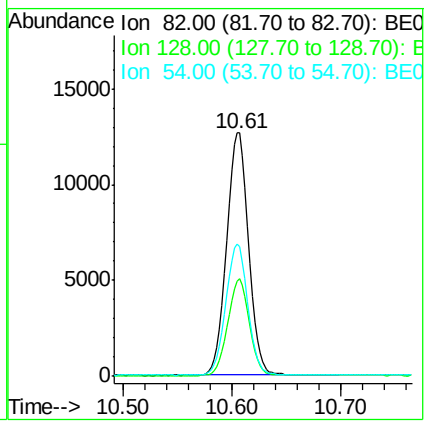


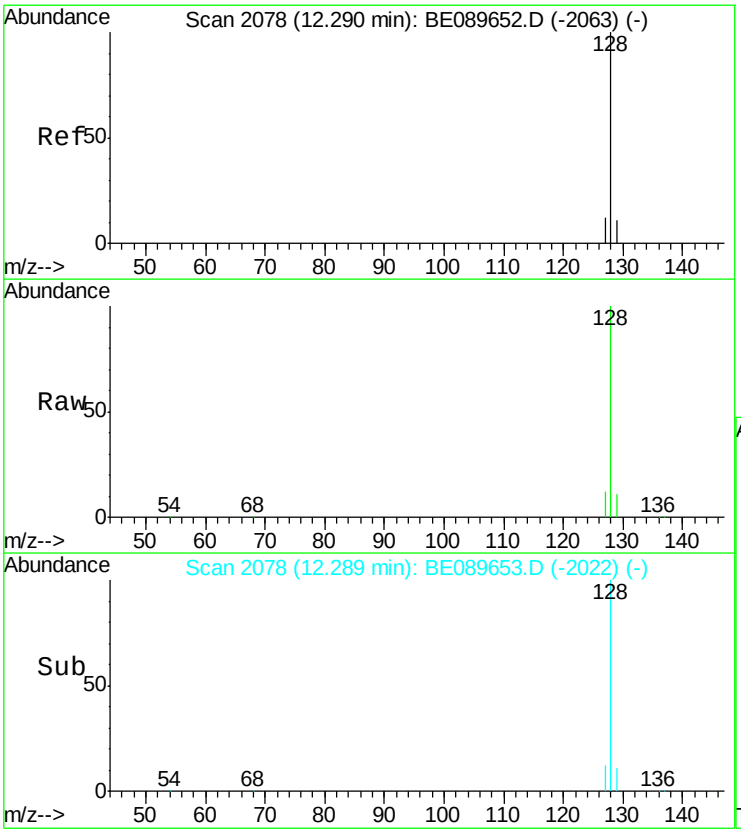


#5
Nitrobenzene-d5
Concen: 2.42 ng
RT: 10.61 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion: 82 Resp: 17581

Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.0	46.4
54	53.0	43.8	65.8

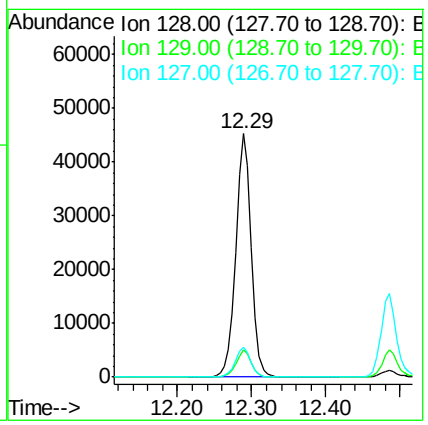


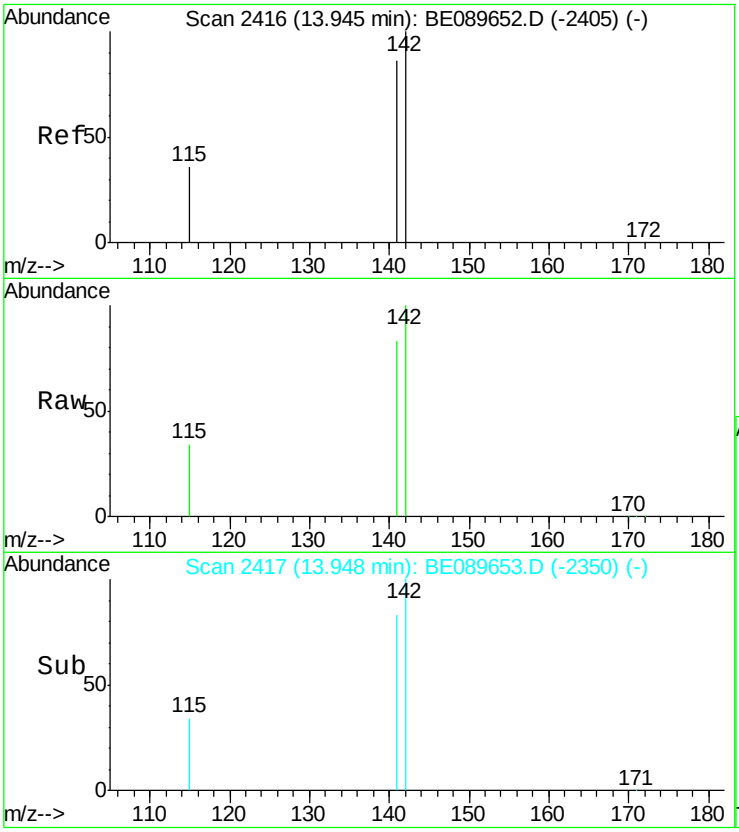


#6
Naphthalene
Concen: 1.81 ng
RT: 12.29 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:128 Resp: 65686

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.4	9.8	14.6

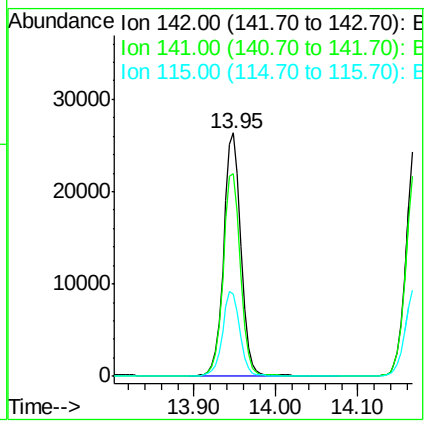


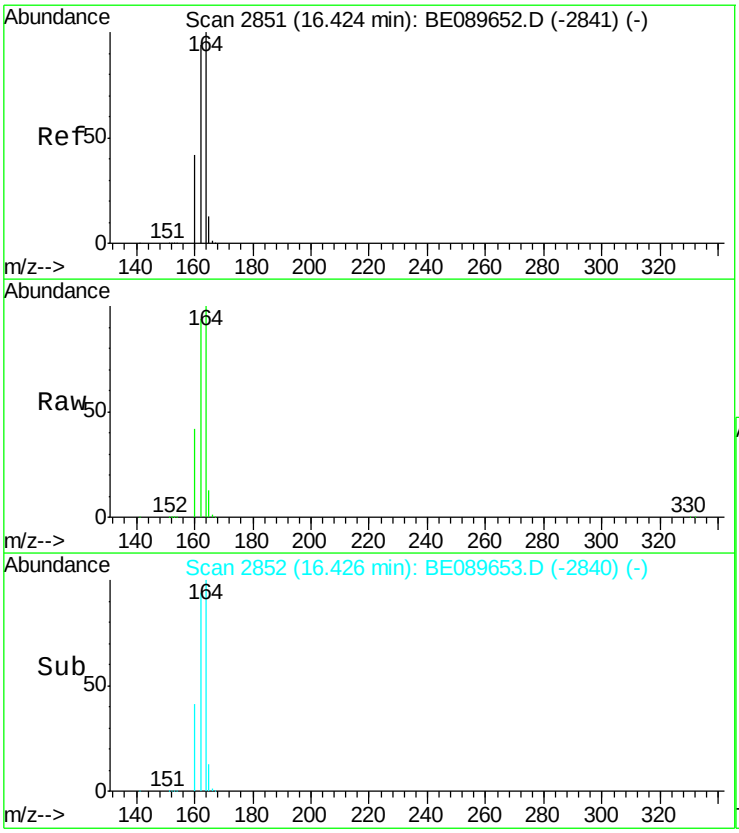


#7
2-Methylnaphthalene
Concen: 1.88 ng
RT: 13.95 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:142 Resp: 38410

Ion	Ratio	Lower	Upper
142	100		
141	83.0	68.6	103.0
115	33.9	29.0	43.6

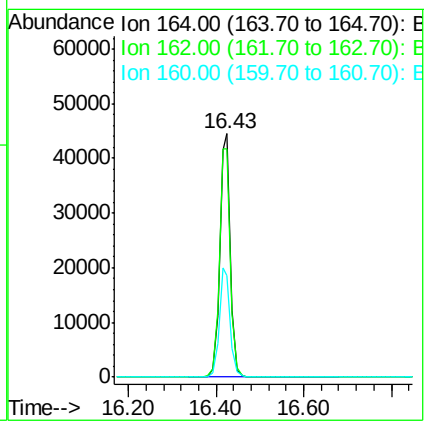


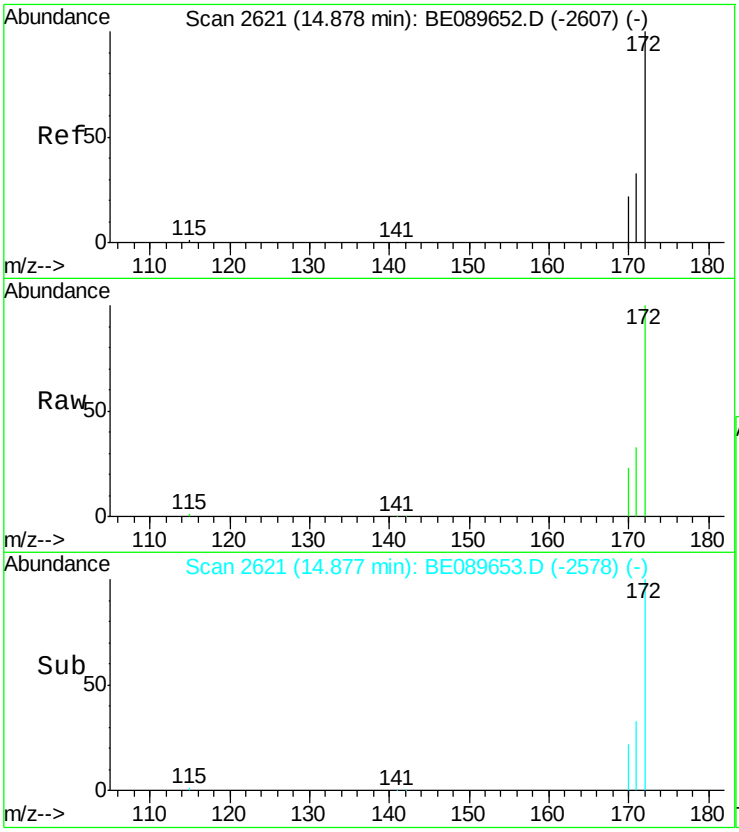


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.43 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:164 Resp: 74546

Ion	Ratio	Lower	Upper
164	100		
162	93.8	75.4	113.2
160	41.5	33.7	50.5

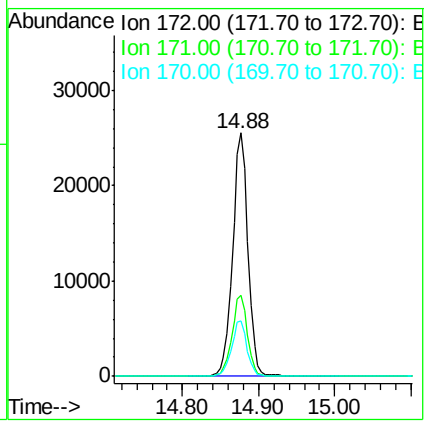


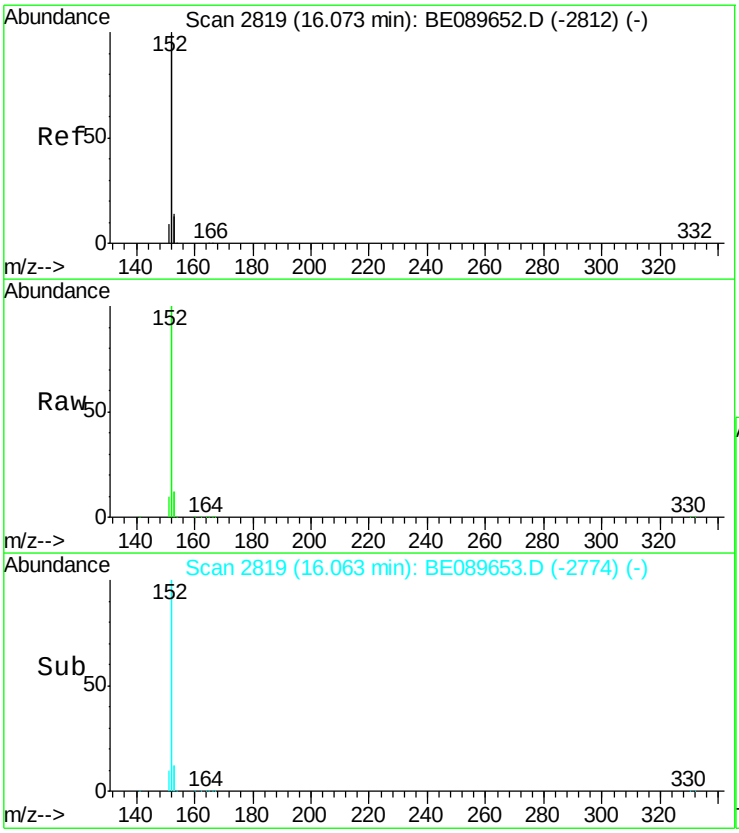


#9
2-Fluorobiphenyl
Concen: 1.84 ng
RT: 14.88 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:172 Resp: 35733

Ion	Ratio	Lower	Upper
172	100		
171	33.1	26.2	39.4
170	22.6	17.7	26.5

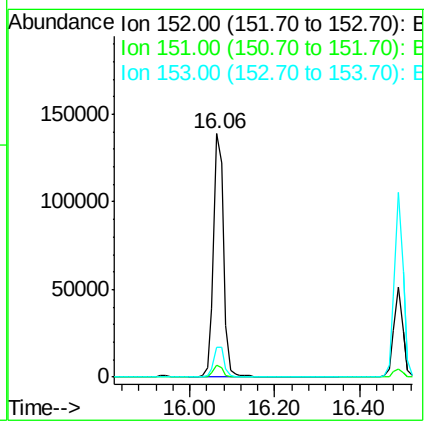


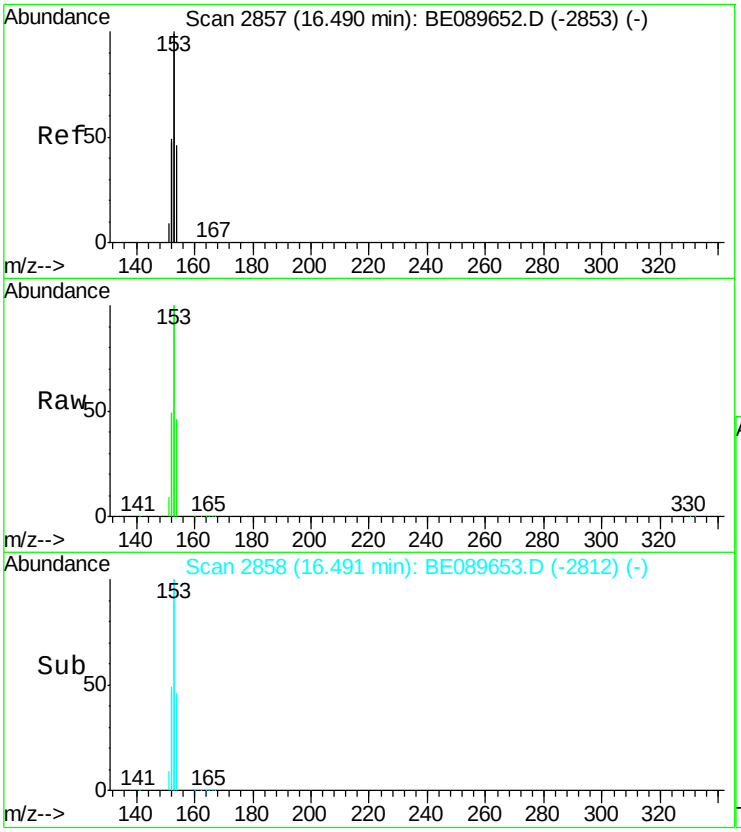


#10
Acenaphthylene
Concen: 1.84 ng
RT: 16.06 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:152 Resp: 226702

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.6
153	12.9	10.4	15.6

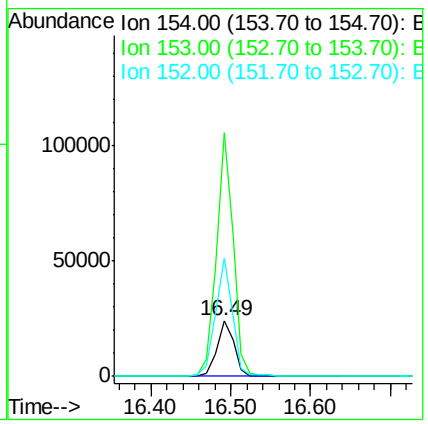


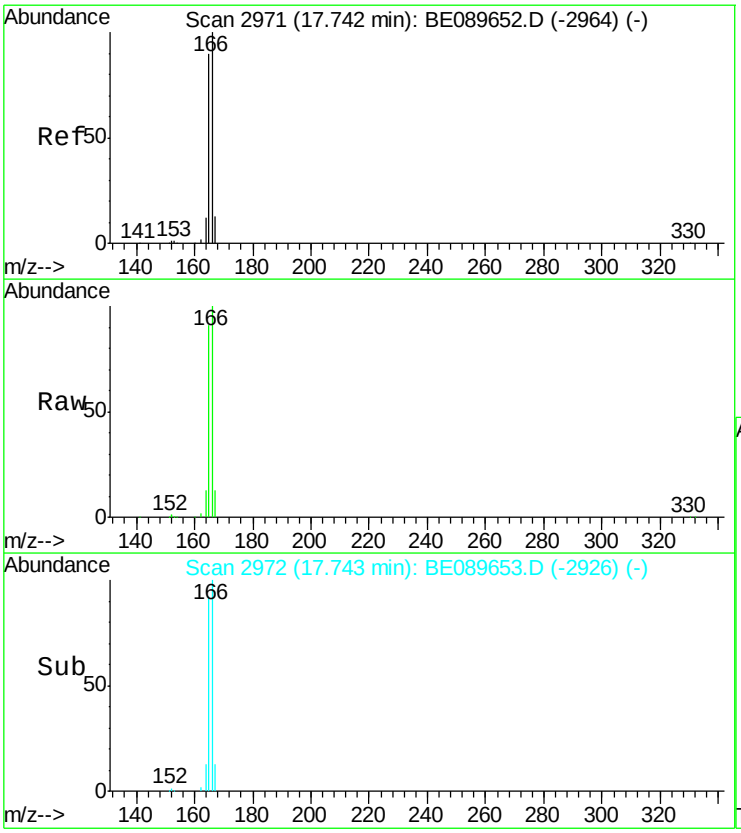


#11
Acenaphthene
Concen: 1.80 ng
RT: 16.49 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:154 Resp: 35525

Ion	Ratio	Lower	Upper
154	100		
153	429.9	343.0	514.4
152	208.5	165.8	248.8

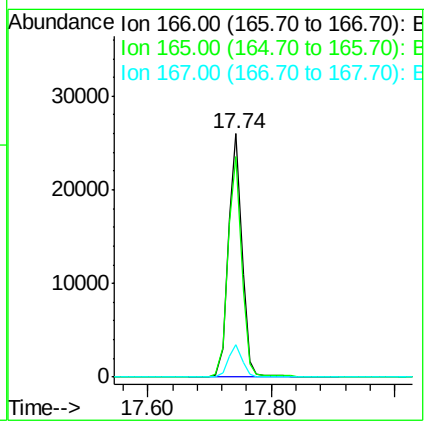


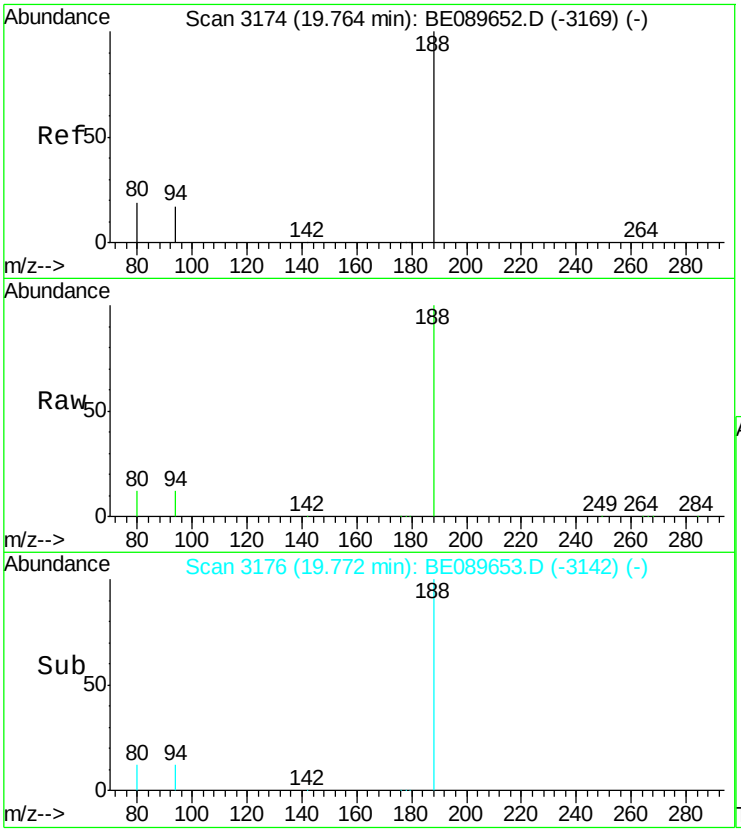


#12
Fluorene
Concen: 1.90 ng
RT: 17.74 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:166 Resp: 39175

Ion	Ratio	Lower	Upper
166	100		
165	92.0	73.6	110.4
167	13.2	10.5	15.7

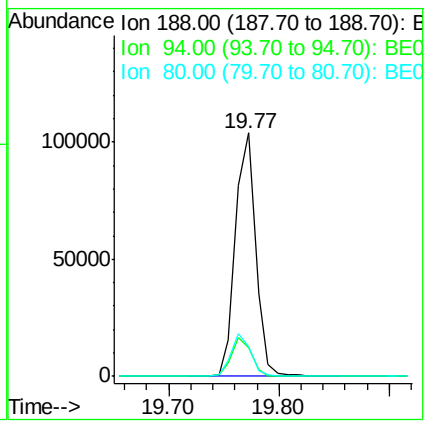


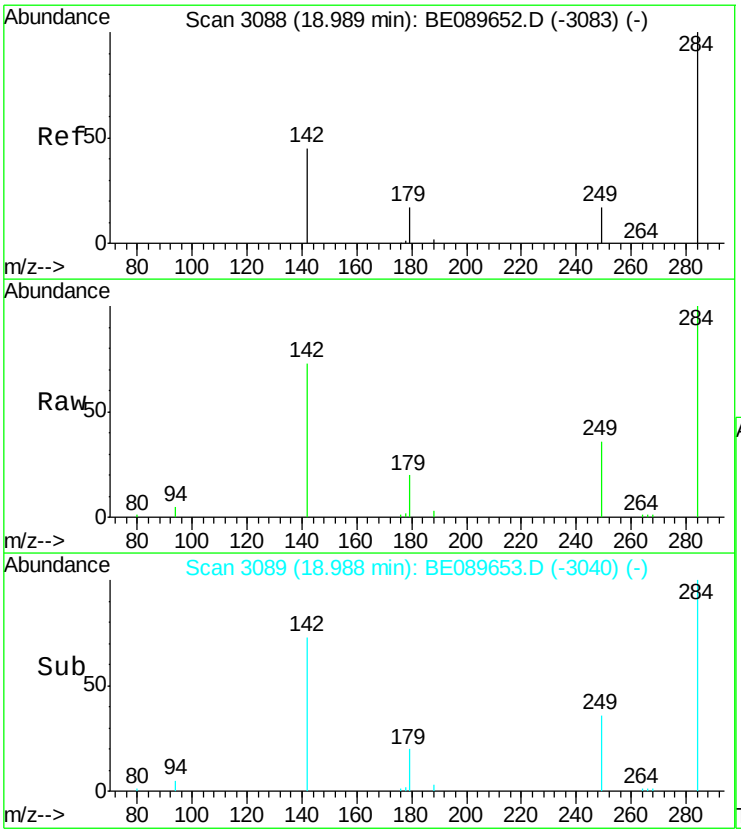


#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3176
Delta R.T. 0.01 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:188 Resp: 132551

Ion	Ratio	Lower	Upper
188	100		
94	11.9	13.8	20.8#
80	12.1	15.0	22.6#

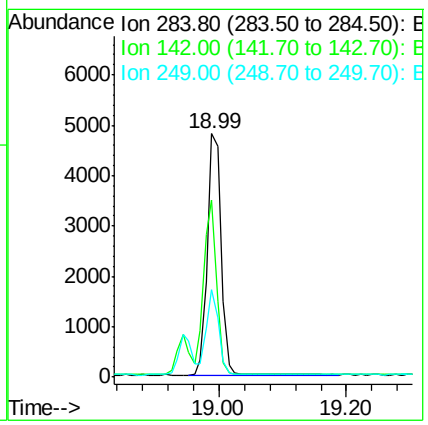


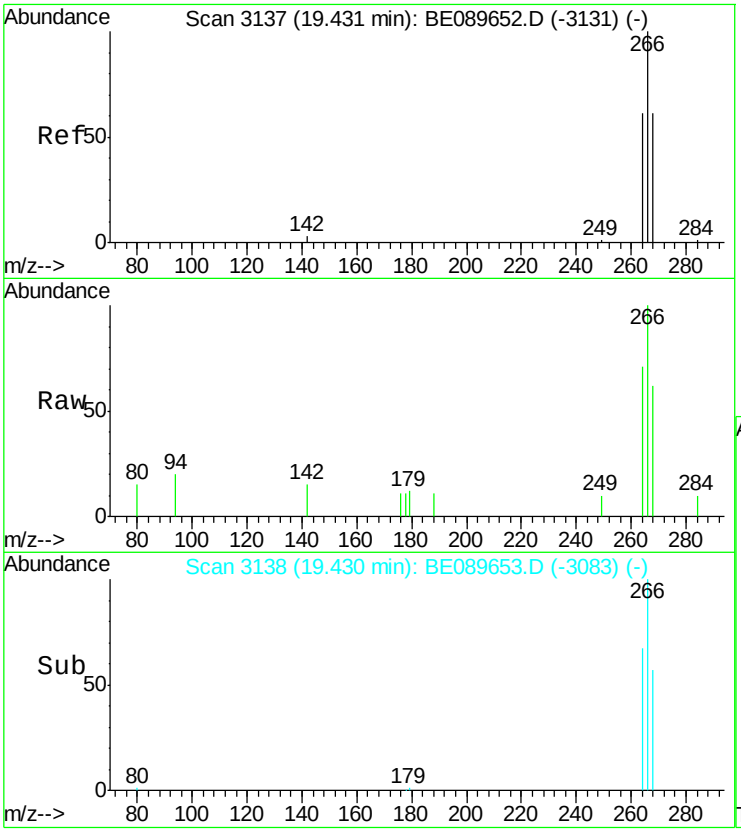


#14
Hexachlorobenzene
Concen: 1.75 ng
RT: 18.99 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:284 Resp: 7177

Ion	Ratio	Lower	Upper
284	100		
142	66.9	55.0	82.6
249	32.3	26.1	39.1

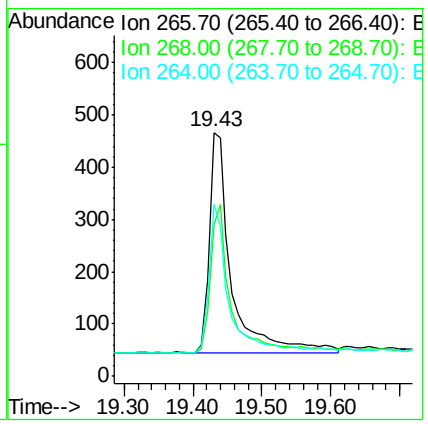


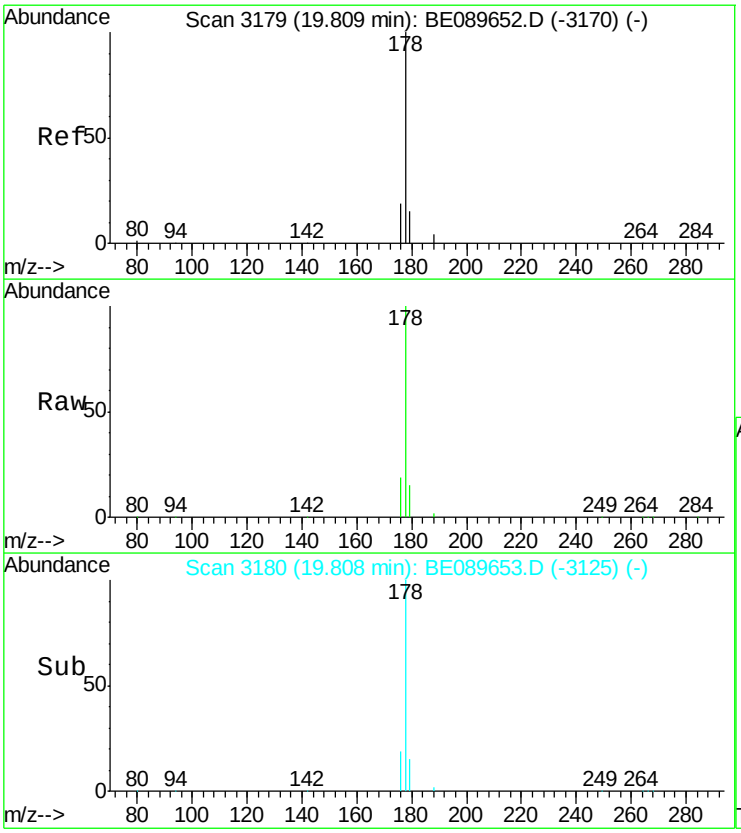


#15
Pentachlorophenol
Concen: 0.92 ng
RT: 19.43 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:266 Resp: 936

Ion	Ratio	Lower	Upper
266	100		
268	62.0	54.7	82.1
264	70.6	55.4	83.0

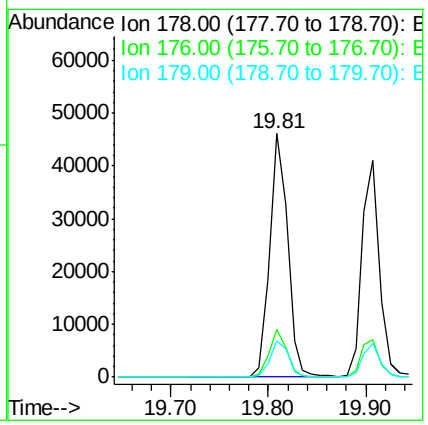


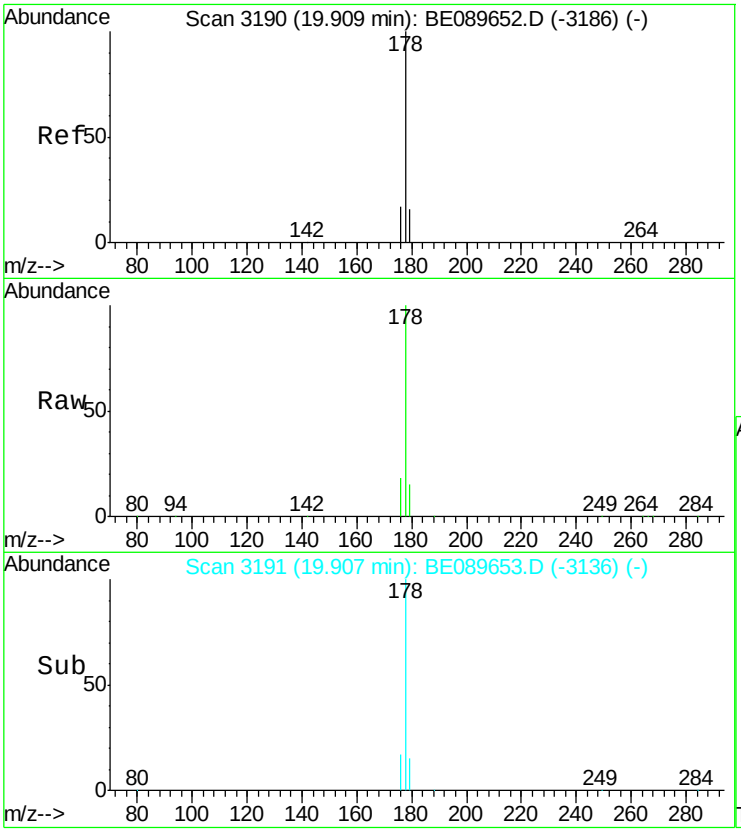


#16
Phenanthrene
Concen: 1.76 ng
RT: 19.81 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:178 Resp: 58414

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.4	12.3	18.5

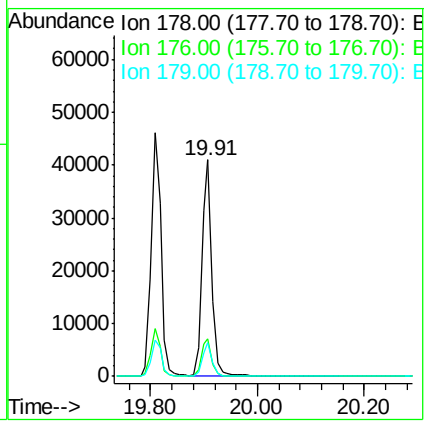


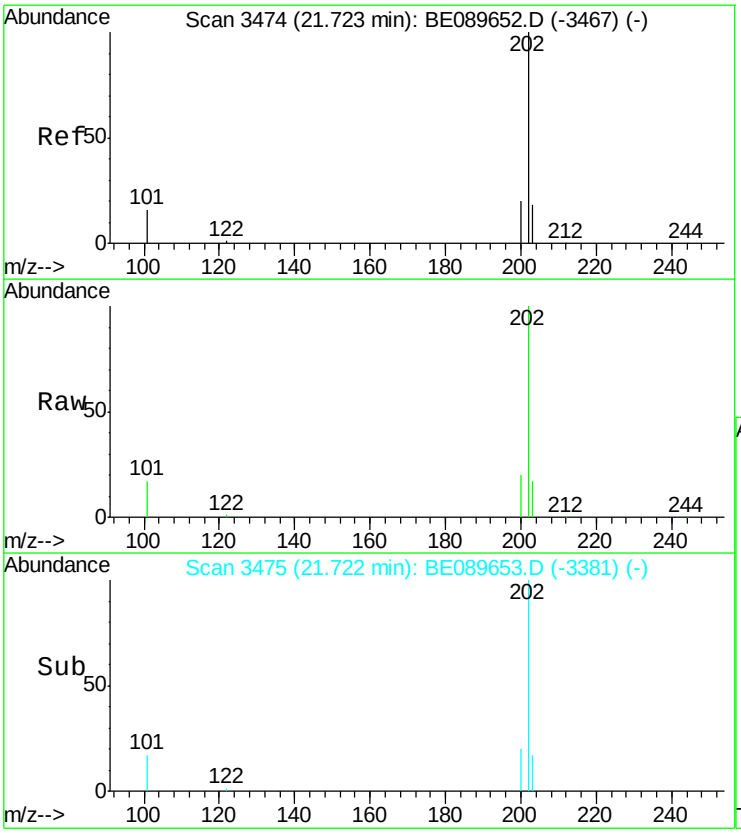


#17
Anthracene
Concen: 1.97 ng
RT: 19.91 min Scan# 3191
Delta R.T. -0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:178 Resp: 52816

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.3	21.5
179	15.1	12.1	18.1

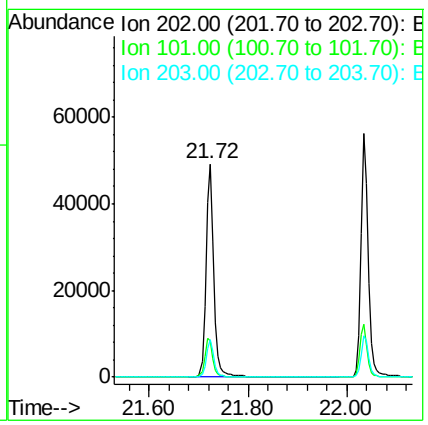


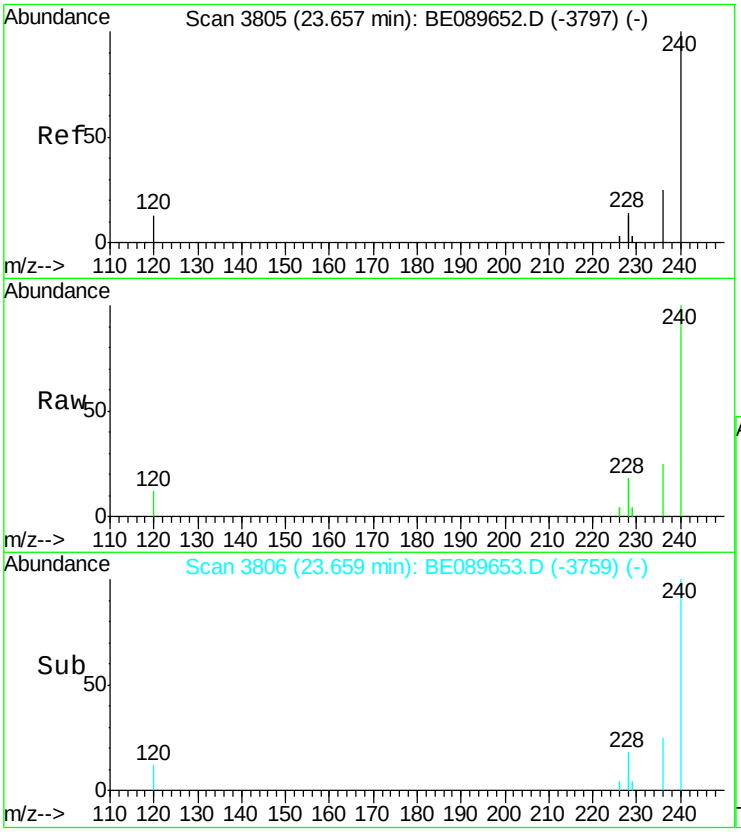


#18
Fluoranthene
Concen: 2.22 ng
RT: 21.72 min Scan# 3475
Delta R.T. -0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:202 Resp: 53415

Ion	Ratio	Lower	Upper
202	100		
101	18.4	14.9	22.3
203	17.0	13.7	20.5

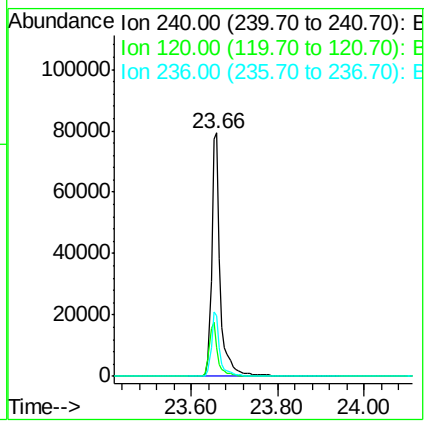


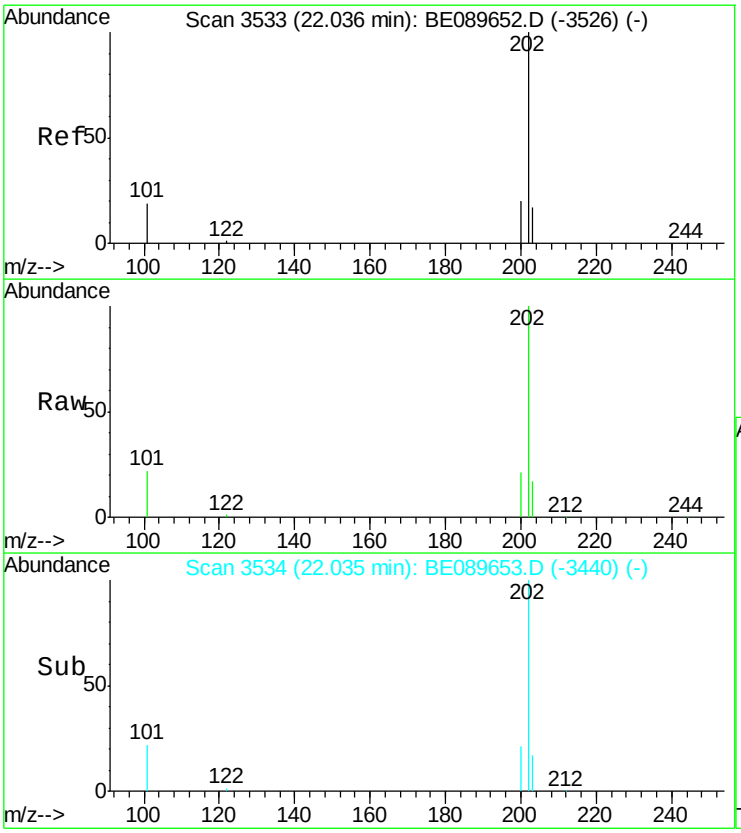


#19
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3806
Delta R.T. 0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:240 Resp: 109869

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.6	15.8
236	24.8	20.3	30.5

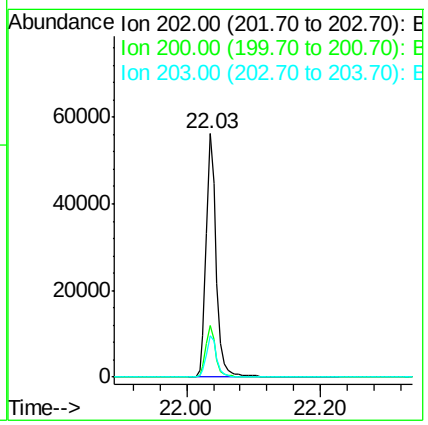


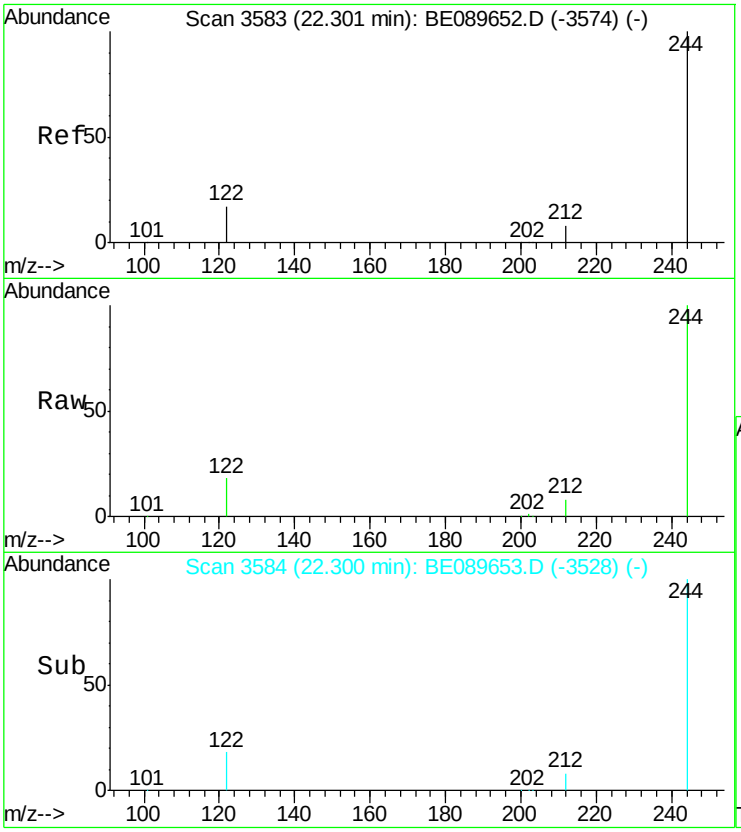


#20
Pyrene
Concen: 1.69 ng
RT: 22.03 min Scan# 3534
Delta R.T. -0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:202 Resp: 58405

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.3	13.8	20.6

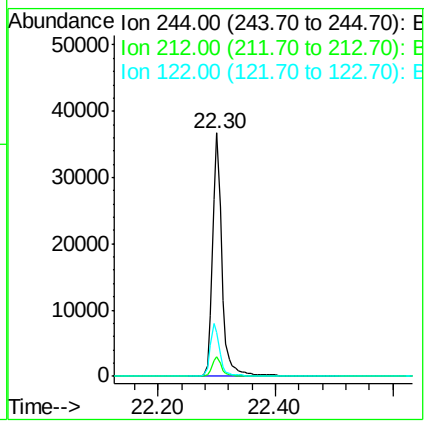


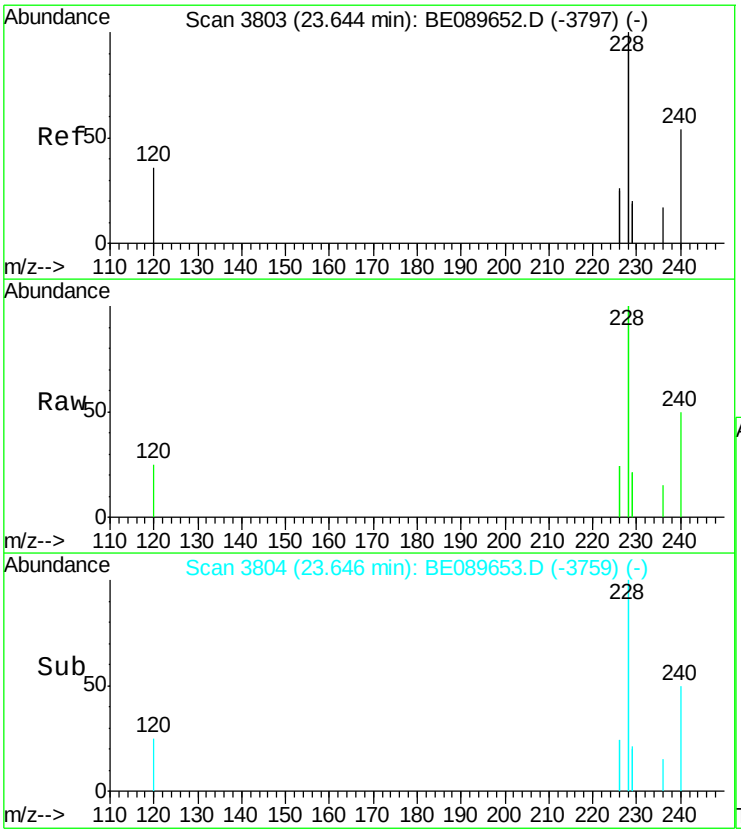


#21
Terphenyl-d14
Concen: 2.28 ng
RT: 22.30 min Scan# 3584
Delta R.T. -0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:244 Resp: 40311

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	10.0
122	18.1	13.7	20.5

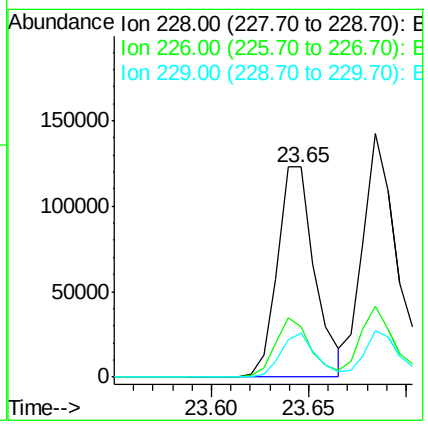


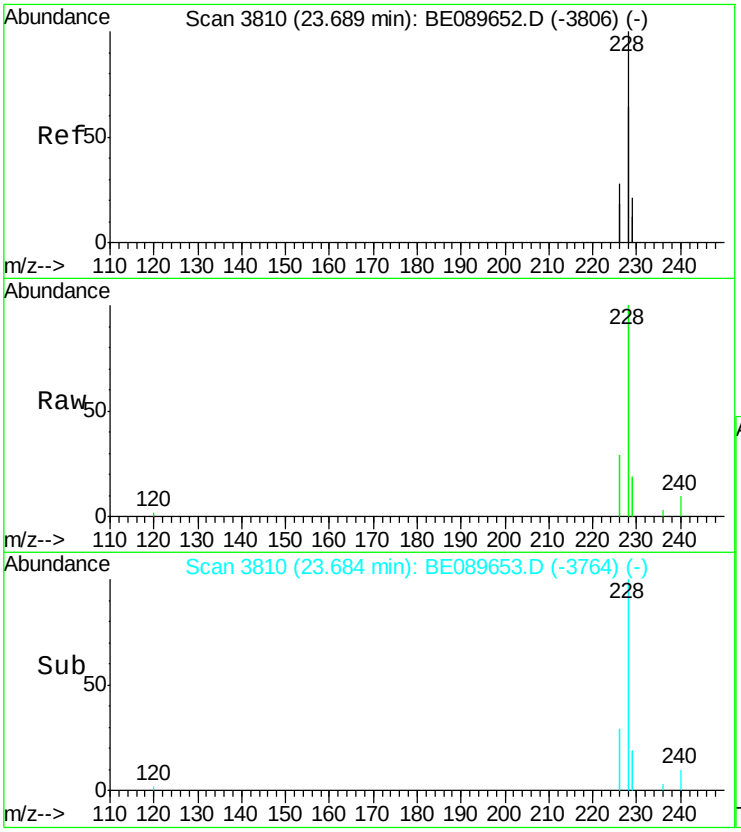


#22
Benzo(a)anthracene
Concen: 2.03 ng
RT: 23.65 min Scan# 3804
Delta R.T. 0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:228 Resp: 163940

Ion	Ratio	Lower	Upper
228	100		
226	24.2	20.9	31.3
229	20.6	15.8	23.6

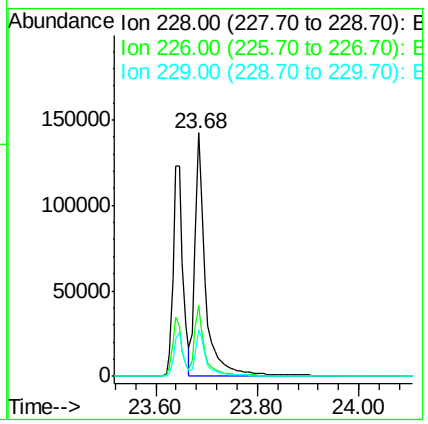


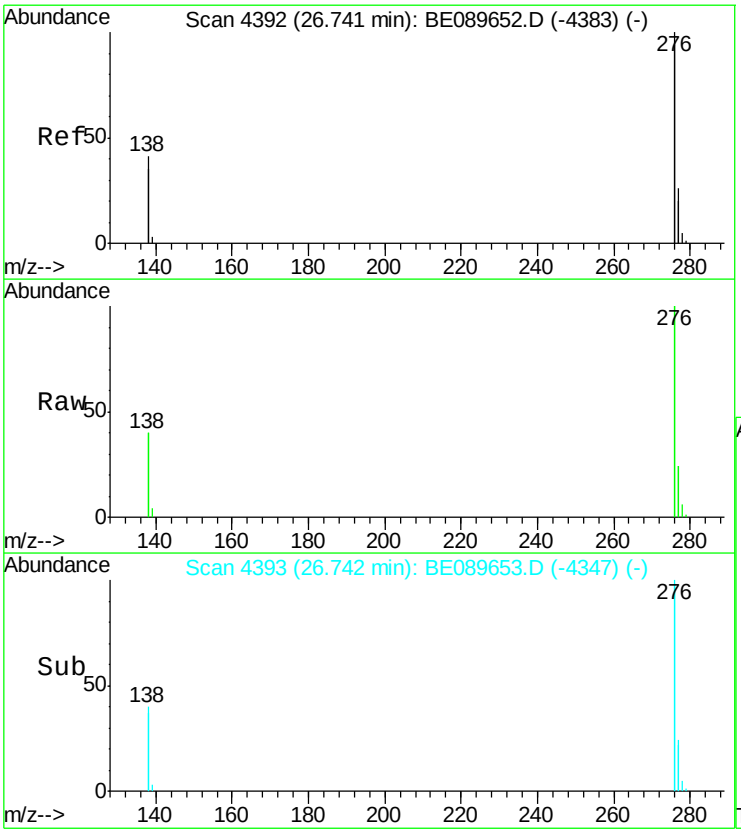


#23
Chrysene
Concen: 1.72 ng
RT: 23.68 min Scan# 3810
Delta R.T. -0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:228 Resp: 204427

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.0	33.0
229	18.9	16.6	24.8

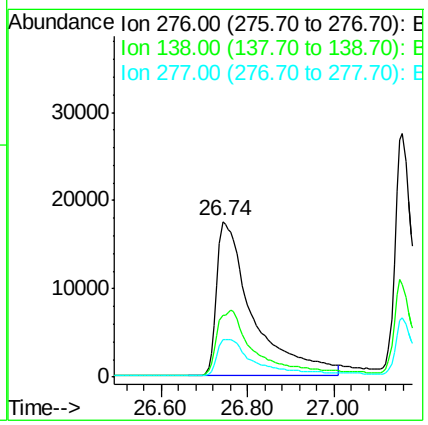


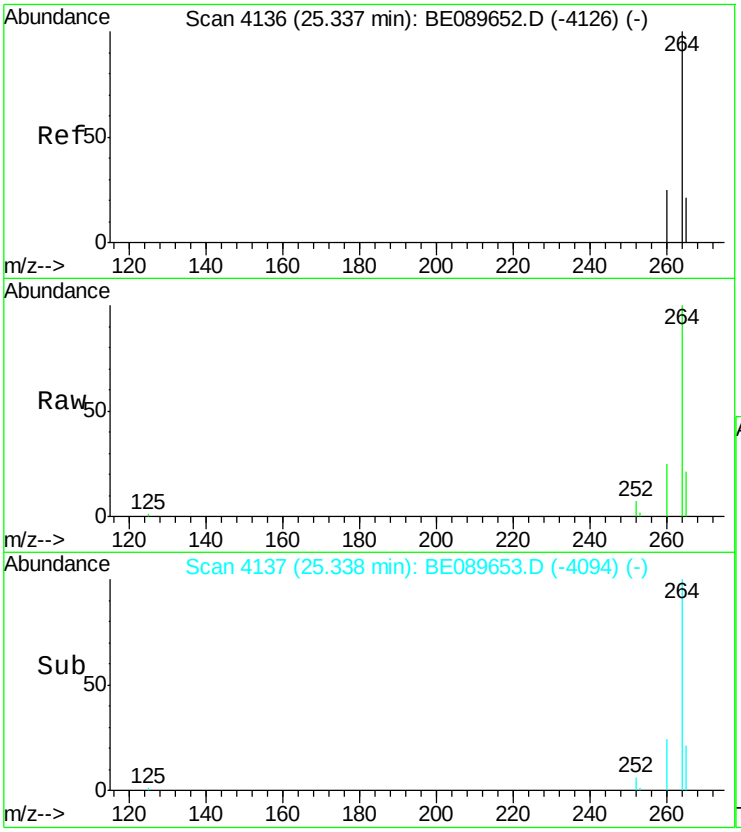


#24
Indeno(1,2,3-cd)pyrene
Concen: 2.27 ng
RT: 26.74 min Scan# 4393
Delta R.T. 0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:276 Resp: 101775

Ion	Ratio	Lower	Upper
276	100		
138	44.1	36.2	54.4
277	25.0	5.4	8.2#

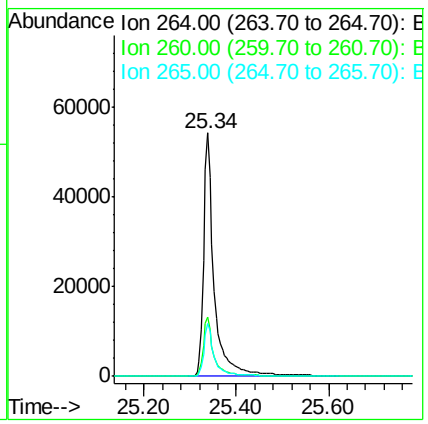


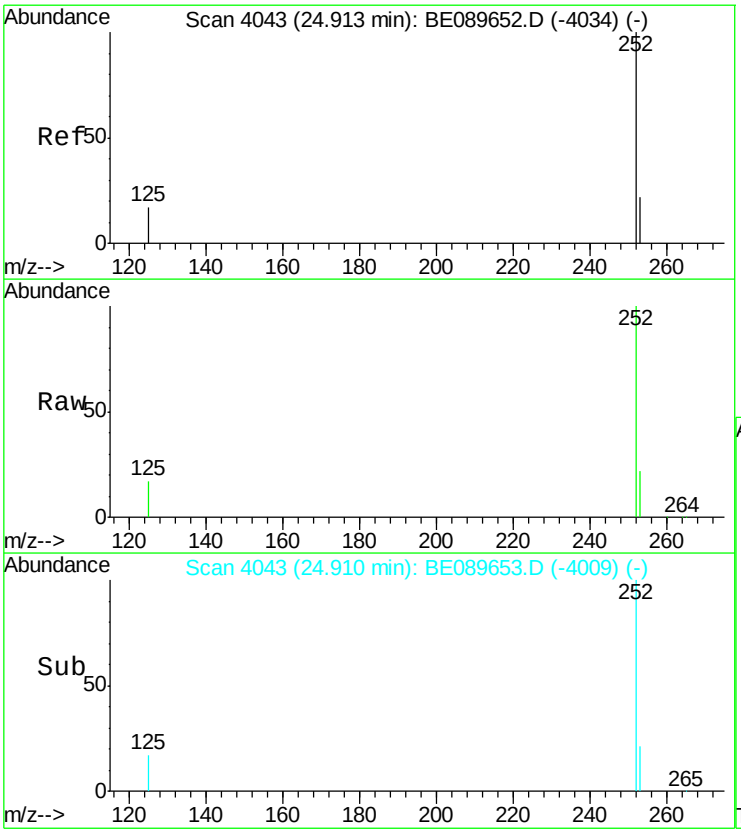


#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4137
Delta R.T. 0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:264 Resp: 85426

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	21.5	16.8	25.2

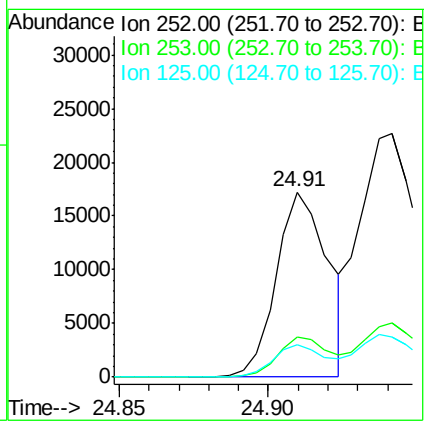


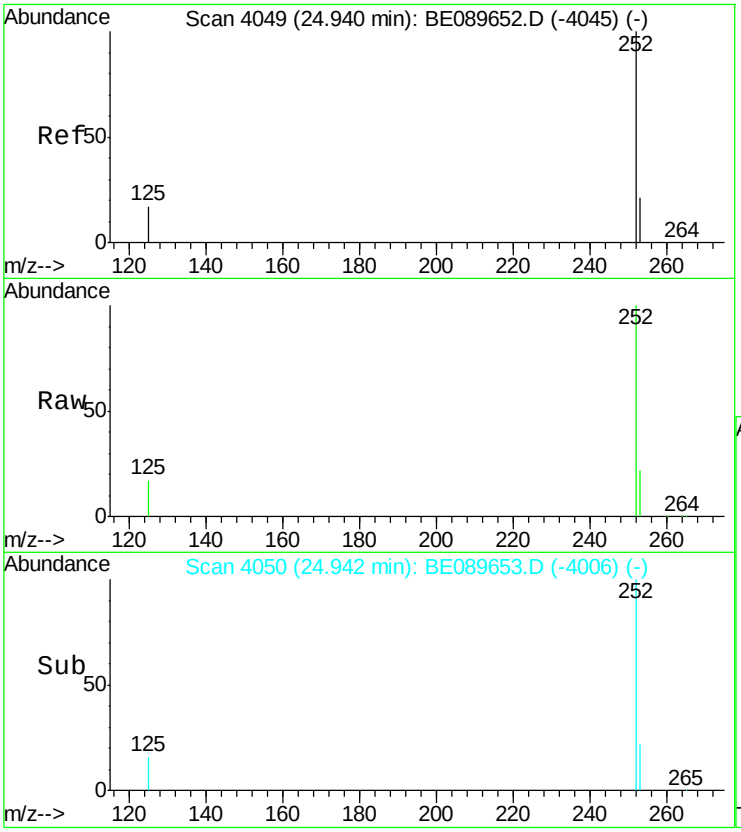


#26
Benzo(b)fluoranthene
Concen: 2.52 ng
RT: 24.91 min Scan# 4043
Delta R.T. -0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:252 Resp: 20575

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.3	27.5
125	17.4	14.6	22.0

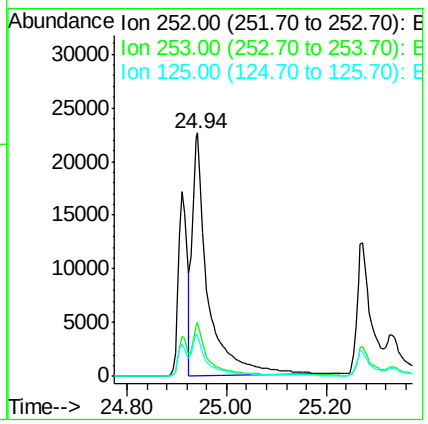


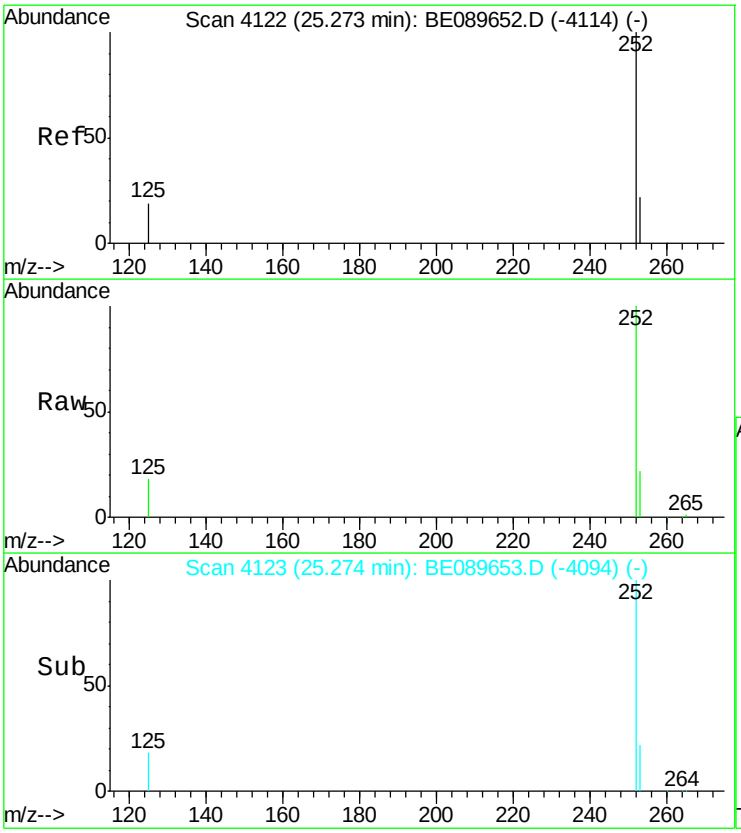


#27
Benzo(k)fluoranthene
Concen: 2.30 ng
RT: 24.94 min Scan# 4050
Delta R.T. 0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:252 Resp: 49401

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	16.5	14.3	21.5

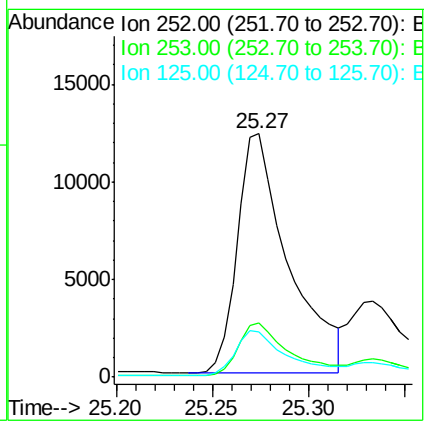


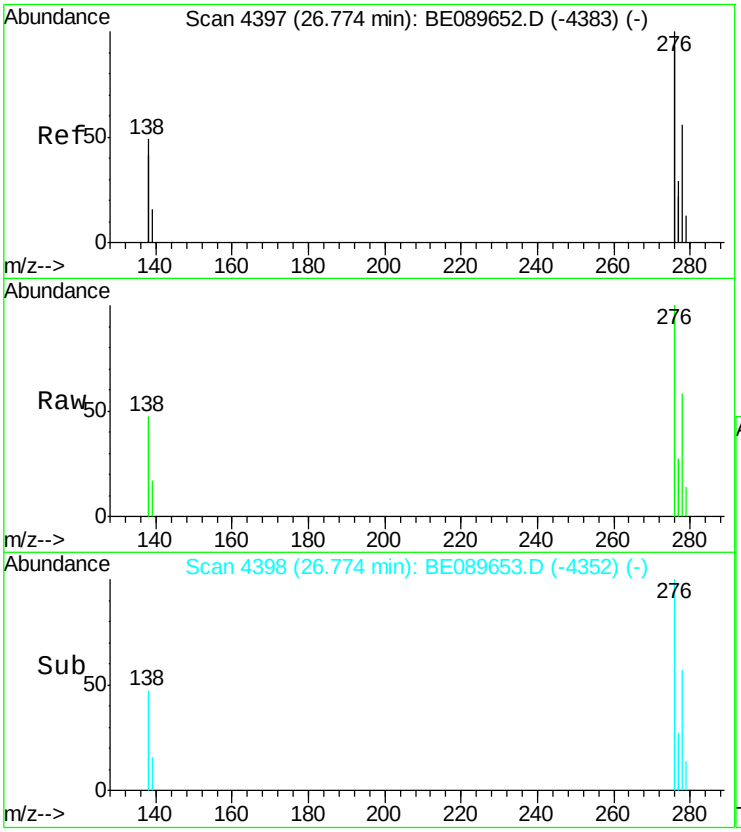


#28
Benzo(a)pyrene
Concen: 2.39 ng
RT: 25.27 min Scan# 4123
Delta R.T. 0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:252 Resp: 22550

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	18.4	15.9	23.9

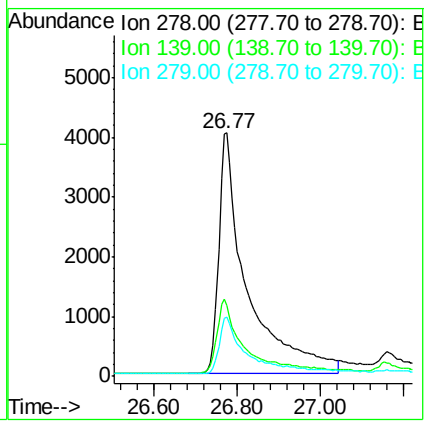


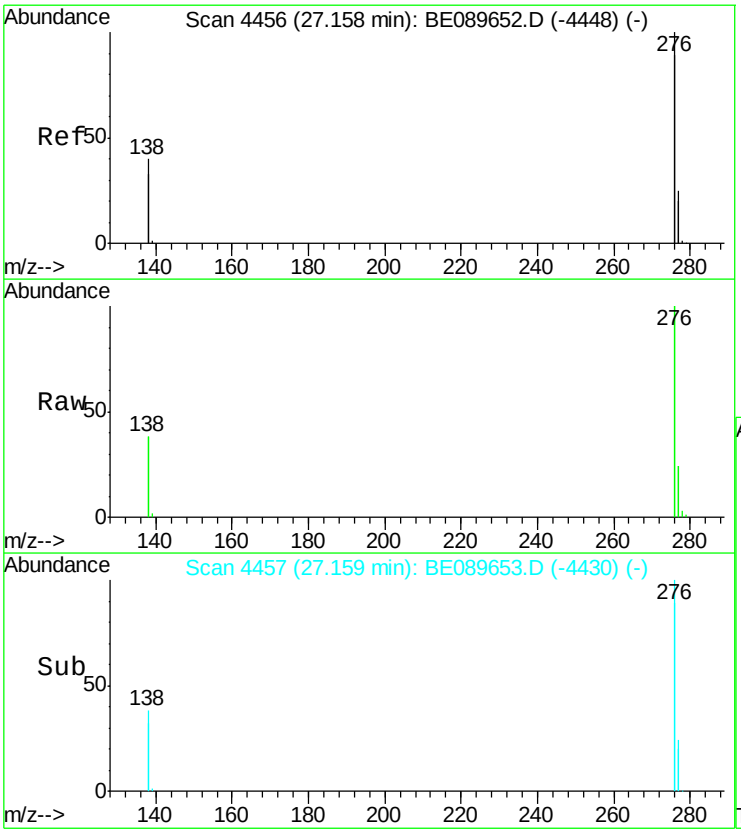


#29
Dibenzo(a,h)anthracene
Concen: 2.42 ng
RT: 26.77 min Scan# 4398
Delta R.T. 0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:278 Resp: 19172

Ion	Ratio	Lower	Upper
278	100		
139	28.9	25.4	38.2
279	24.4	20.0	30.0





#30
Benzo(g,h,i)perylene
Concen: 2.08 ng
RT: 27.16 min Scan# 4457
Delta R.T. 0.00 min
Lab File: BE089653.D
Acq: 23 Feb 2015 22:51

Tgt Ion:276 Resp: 101860

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.2	30.2
138	38.1	32.4	48.6