Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022315\
Data File : BE089655.D
Acq On : 24 Feb 2015 00:08
Operator : TP/JJ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 24 03:18:31 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

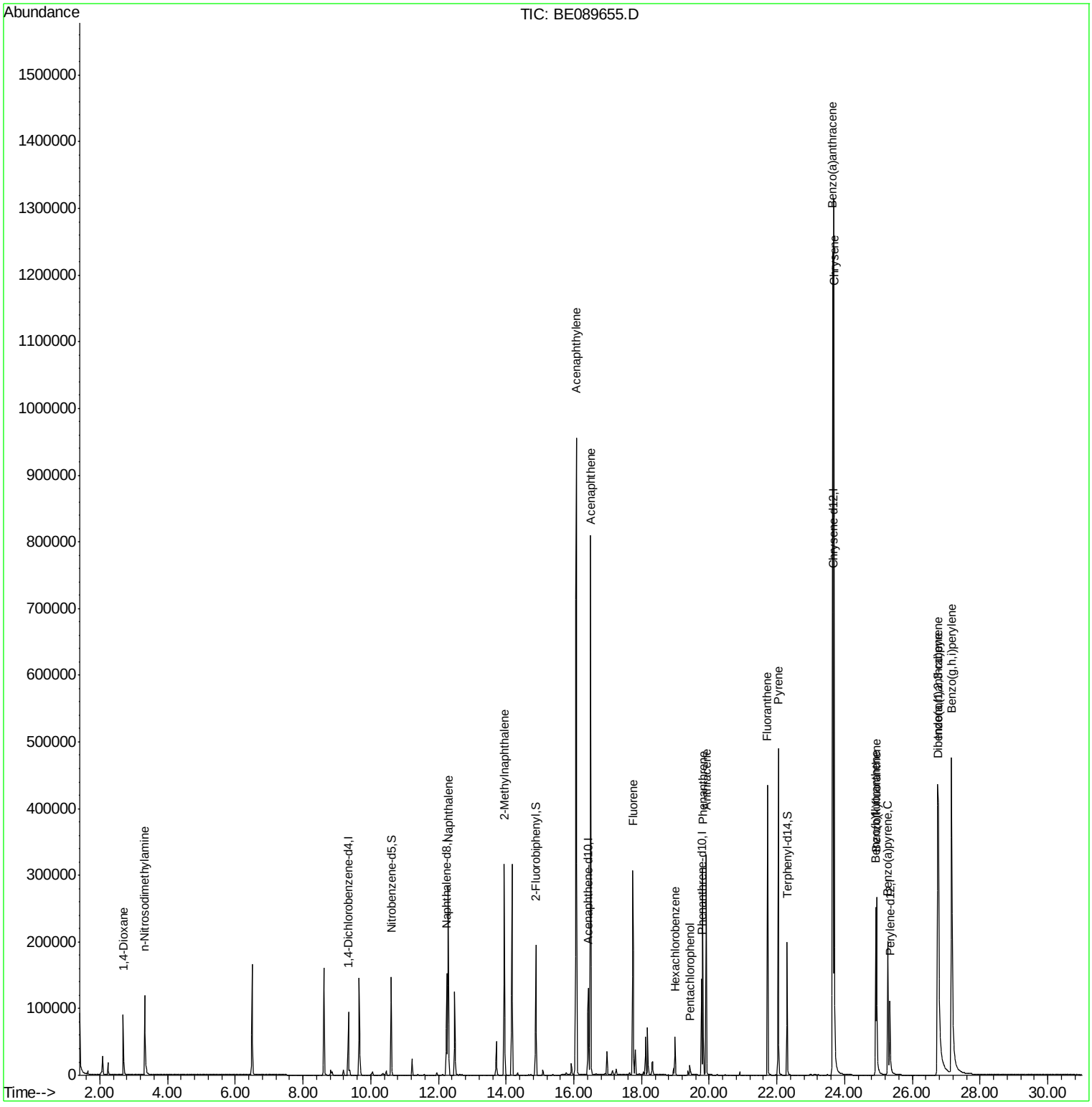
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	41514	5.00	ng		0.00
4) Naphthalene-d8	12.24	136	174554	5.00	ng		0.00
8) Acenaphthene-d10	16.42	164	77596	5.00	ng		0.00
13) Phenanthrene-d10	19.77	188	143038	5.00	ng		0.00
19) Chrysene-d12	23.66	240	126892	5.00	ng		0.00
25) Perylene-d12	25.34	264	102981	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	10.61	82	107808	13.57	ng		0.00
9) 2-Fluorobiphenyl	14.88	172	174955	8.64	ng		0.00
21) Terphenyl-d14	22.30	244	159227	7.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	50257	7.32	ng		98
3) n-Nitrosodimethylamine	3.32	42	75071	10.26	ng		96
6) Naphthalene	12.29	128	336901	8.50	ng		99
7) 2-Methylnaphthalene	13.95	142	208005	9.32	ng		98
10) Acenaphthylene	16.07	152	1241473	9.66	ng		100
11) Acenaphthene	16.50	154	181368	8.81	ng		98
12) Fluorene	17.74	166	205623	9.56	ng		99
14) Hexachlorobenzene	19.00	284	38440	8.69	ng		97
15) Pentachlorophenol	19.44	266	11077	10.10	ng		93
16) Phenanthrene	19.81	178	307308	8.57	ng		100
17) Anthracene	19.91	178	299066	10.31	ng		99
18) Fluoranthene	21.72	202	295862	11.38	ng		100
20) Pyrene	22.04	202	317327	7.96	ng		99
22) Benzo(a)anthracene	23.64	228	1034903	11.11	ng		95
23) Chrysene	23.68	228	1099334	7.99	ng		93
24) Indeno(1,2,3-cd)pyrene	26.75	276	882359	17.05	ng	#	90
26) Benzo(b)fluoranthene	24.91	252	192193	19.50	ng		97
27) Benzo(k)fluoranthene	24.94	252	284507	11.00	ng		98
28) Benzo(a)pyrene	25.27	252	192807	16.96	ng		97
29) Dibenzo(a,h)anthracene	26.78	278	173706	18.20	ng		94
30) Benzo(g,h,i)perylene	27.17	276	747294	12.64	ng		95

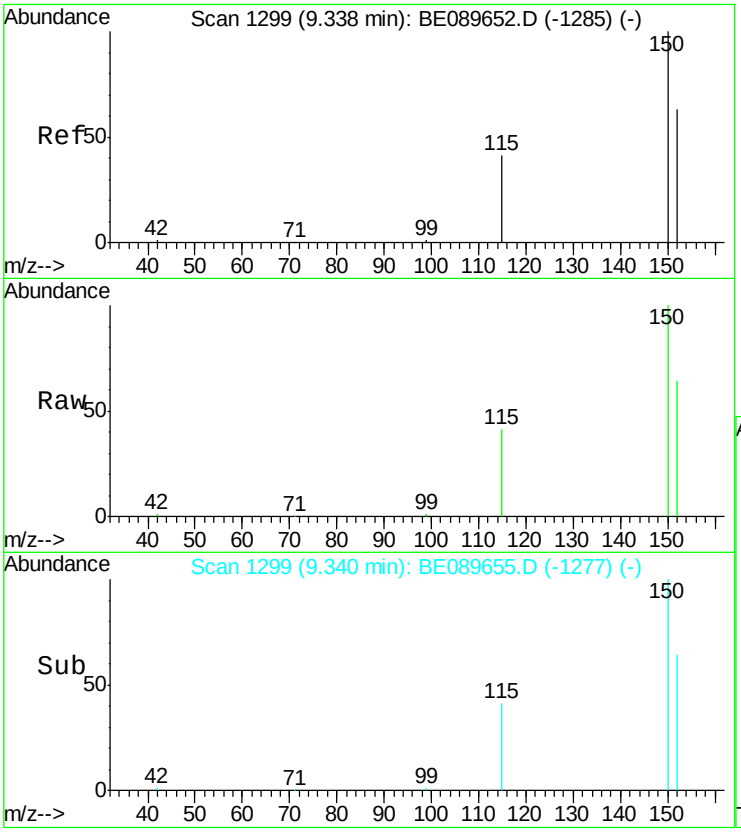
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022315\
Data File : BE089655.D
Acq On : 24 Feb 2015 00:08
Operator : TP/JJ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 24 03:18:31 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

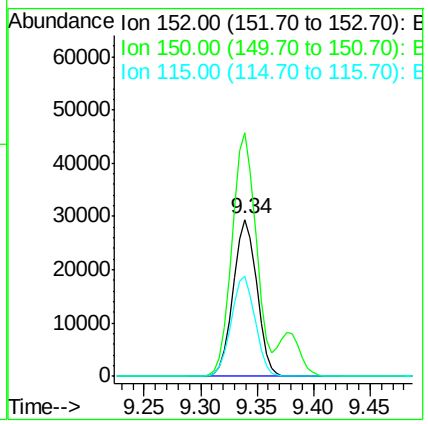


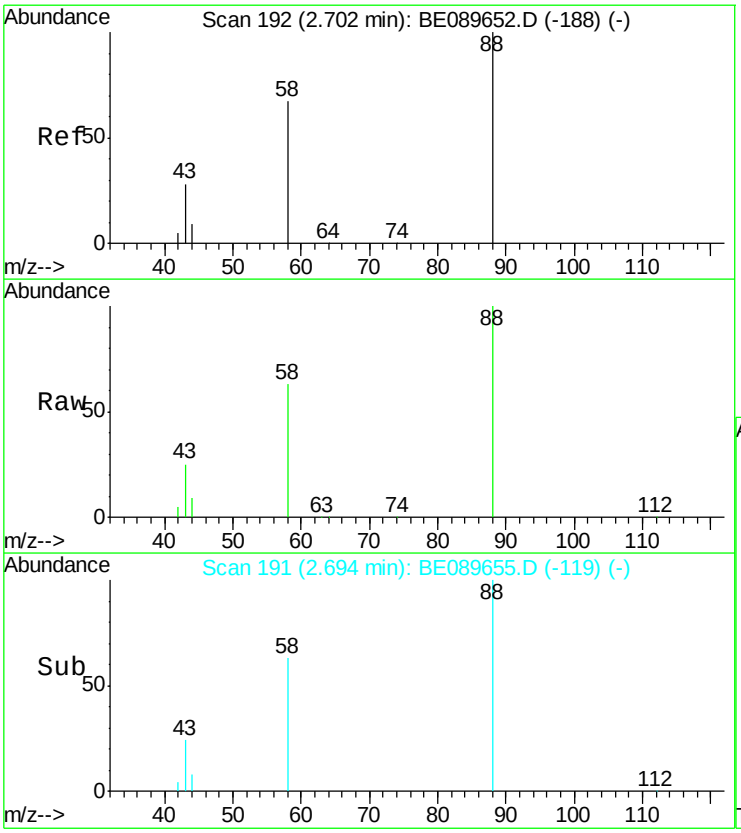


#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:152 Resp: 41514

Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.0	190.6
115	63.6	52.4	78.6

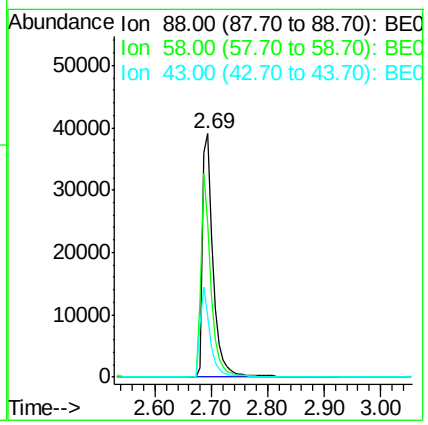


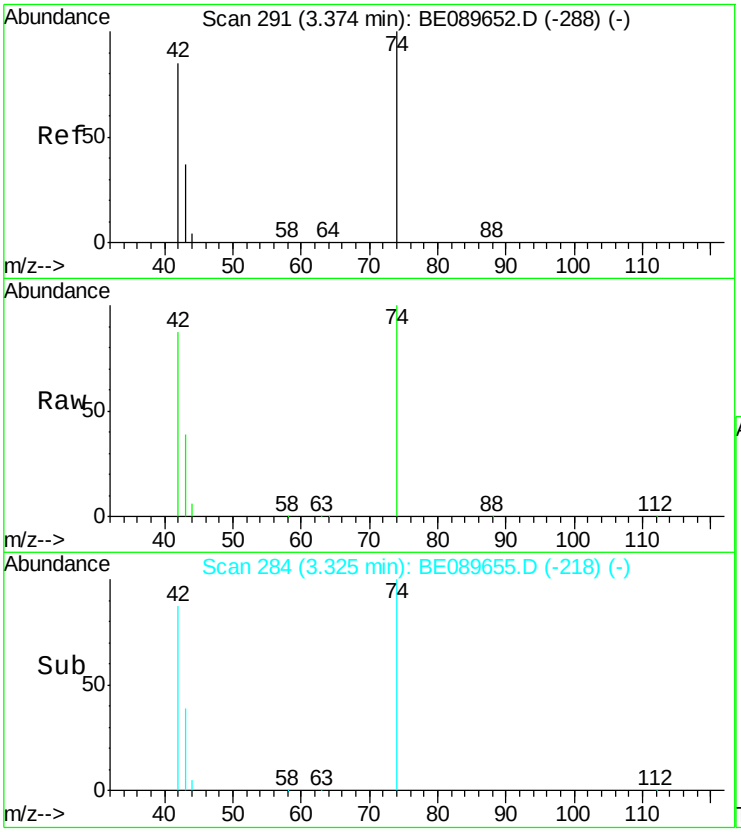


#2
1,4-Dioxane
Concen: 7.32 ng
RT: 2.69 min Scan# 191
Delta R.T. -0.01 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion: 88 Resp: 50257

Ion	Ratio	Lower	Upper
88	100		
58	78.6	61.8	92.6
43	34.6	26.4	39.6

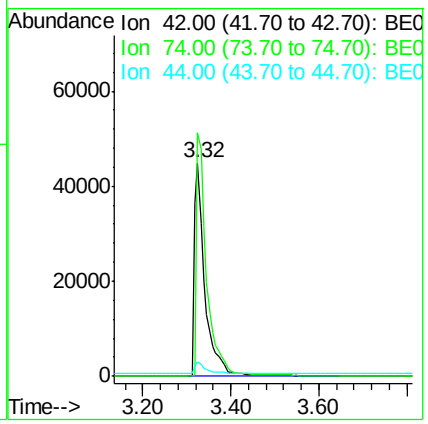


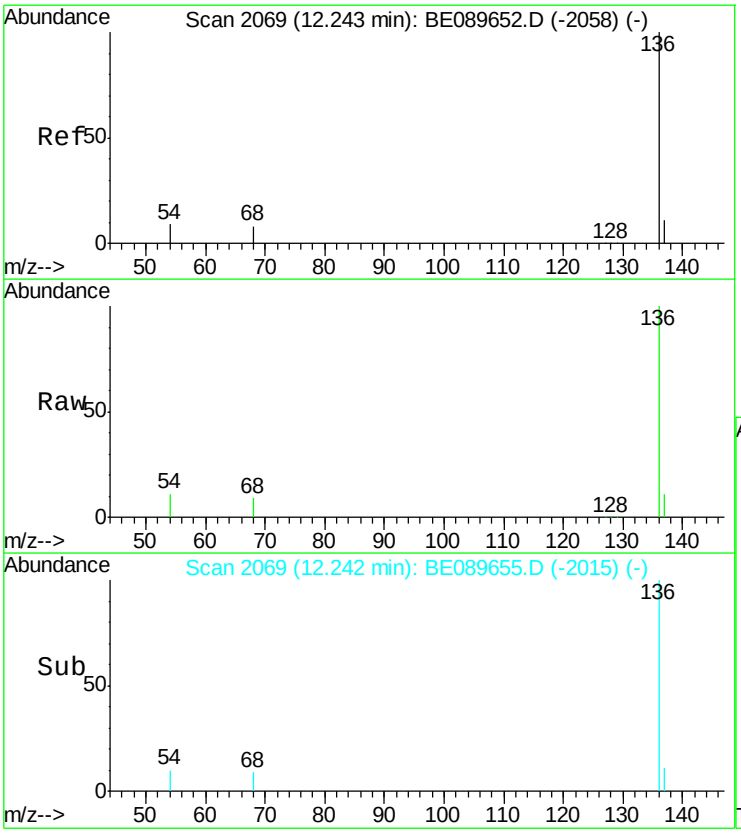


#3
n-Nitrosodimethylamine
Concen: 10.26 ng
RT: 3.32 min Scan# 284
Delta R.T. -0.05 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion: 42 Resp: 75071

Ion	Ratio	Lower	Upper
42	100		
74	110.9	92.5	138.7
44	5.6	4.9	7.3

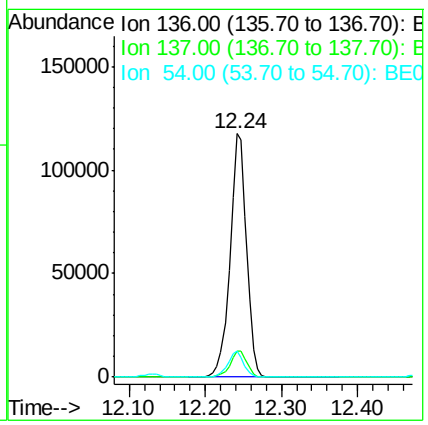


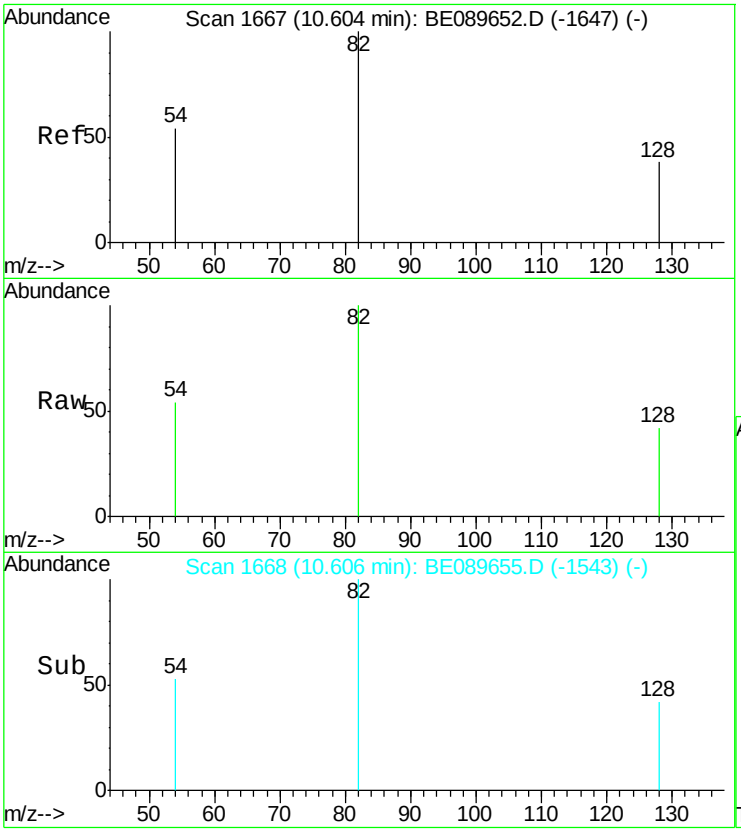


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 12.24 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:136 Resp: 174554

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.7	7.5	11.3

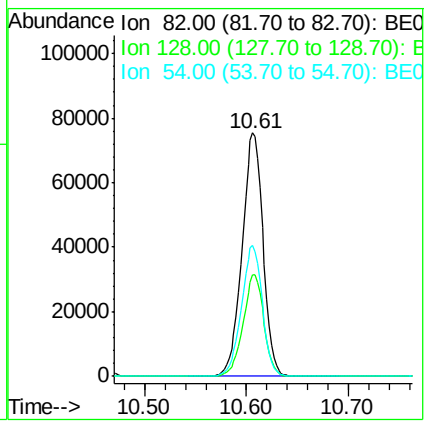


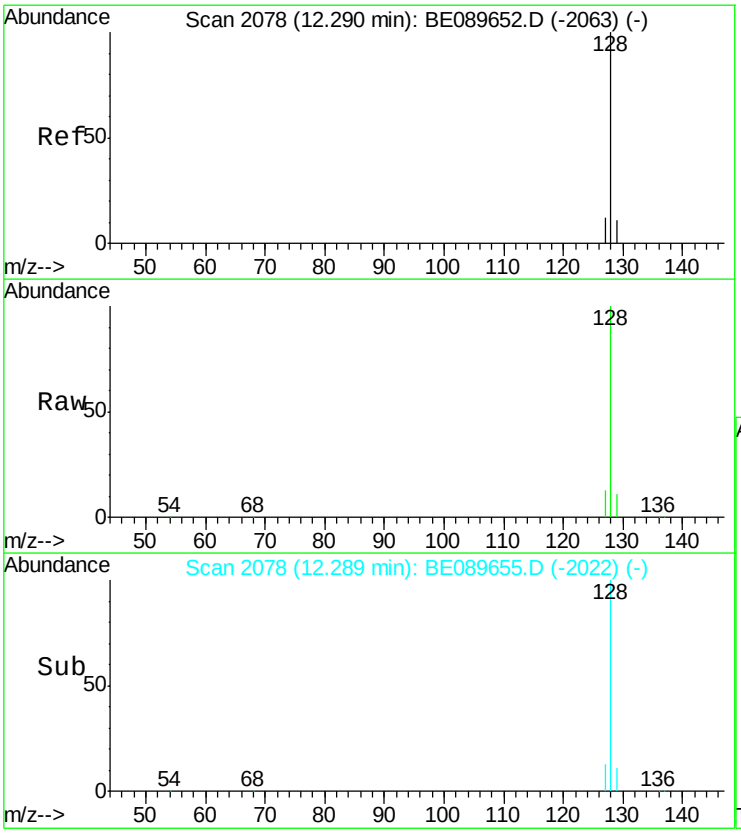


#5
Nitrobenzene-d5
Concen: 13.57 ng
RT: 10.61 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion: 82 Resp: 107808

Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.0	46.4
54	53.9	43.8	65.8

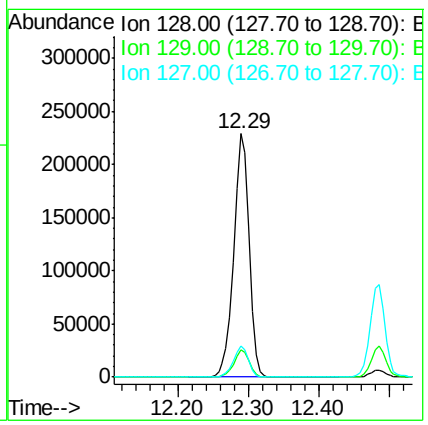


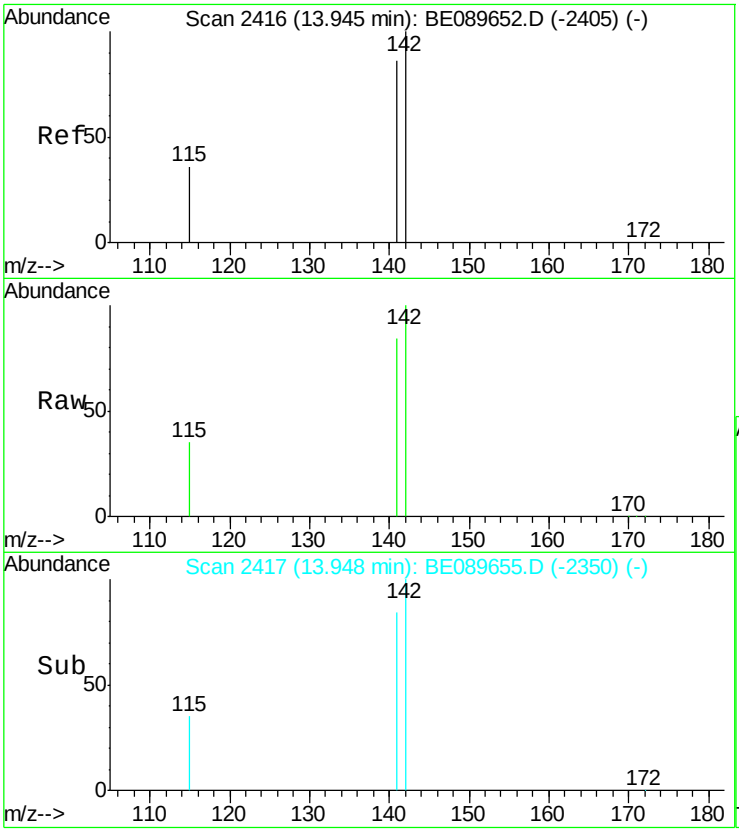


#6
Naphthalene
Concen: 8.50 ng
RT: 12.29 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:128 Resp: 336901

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.7	9.8	14.6

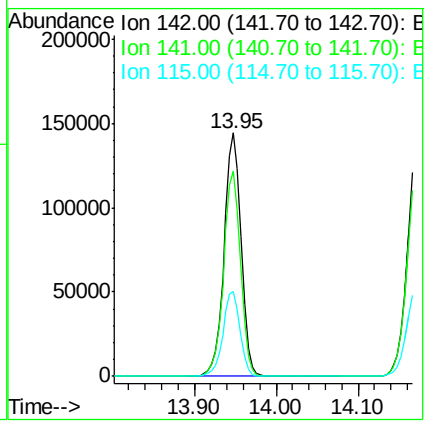


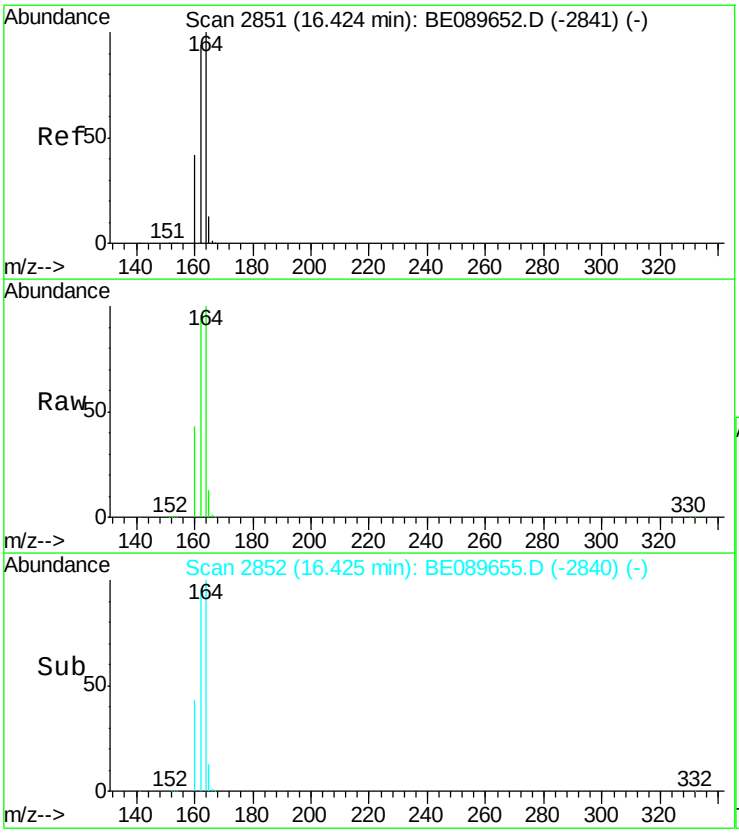


#7
2-Methylnaphthalene
Concen: 9.32 ng
RT: 13.95 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:142 Resp: 208005

Ion	Ratio	Lower	Upper
142	100		
141	84.2	68.6	103.0
115	34.8	29.0	43.6

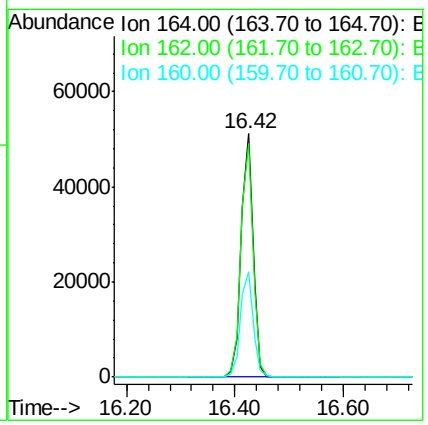


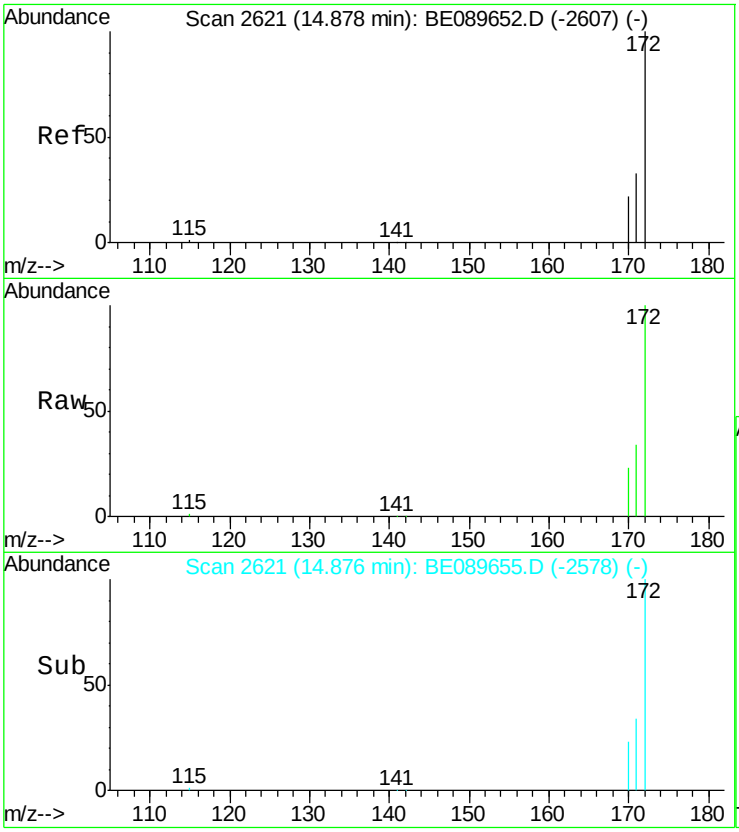


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.42 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:164 Resp: 77596

Ion	Ratio	Lower	Upper
164	100		
162	95.7	75.4	113.2
160	43.1	33.7	50.5

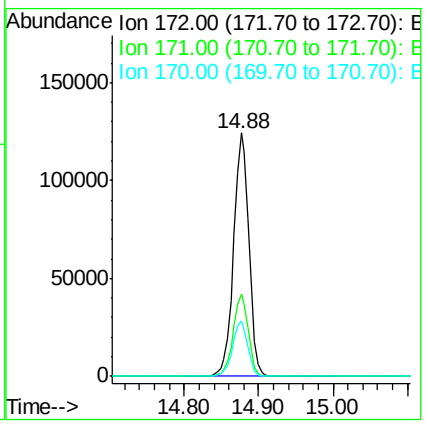


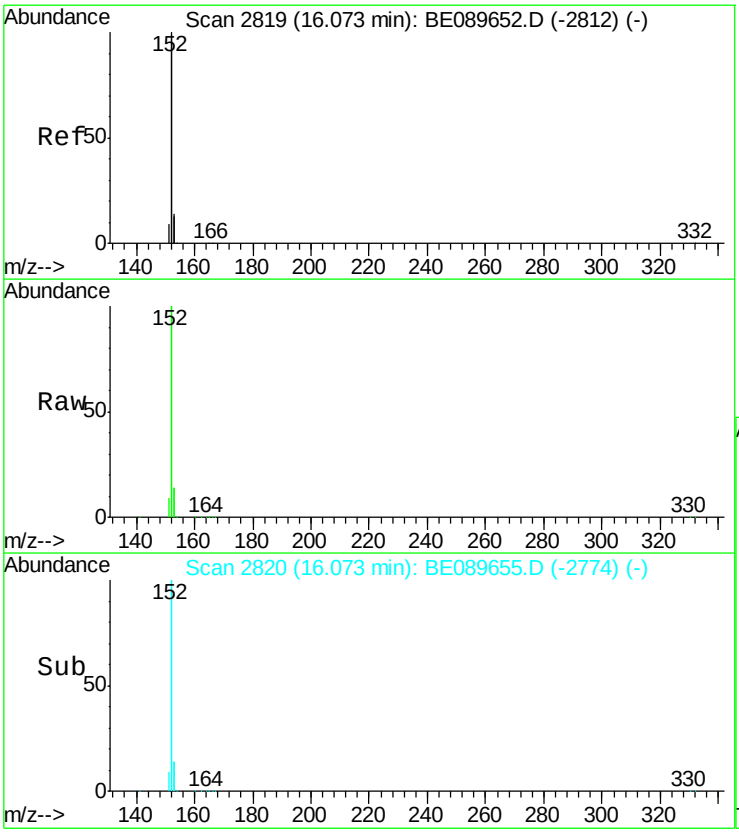


#9
2-Fluorobiphenyl
Concen: 8.64 ng
RT: 14.88 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:172 Resp: 174955

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.2	39.4
170	22.8	17.7	26.5

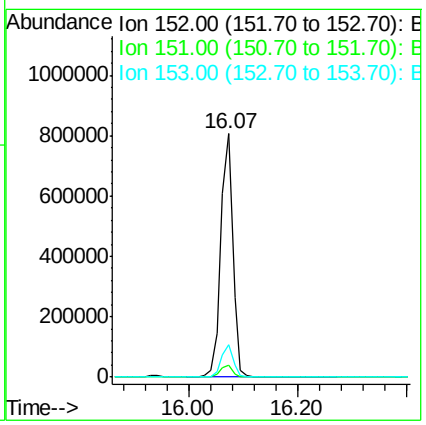


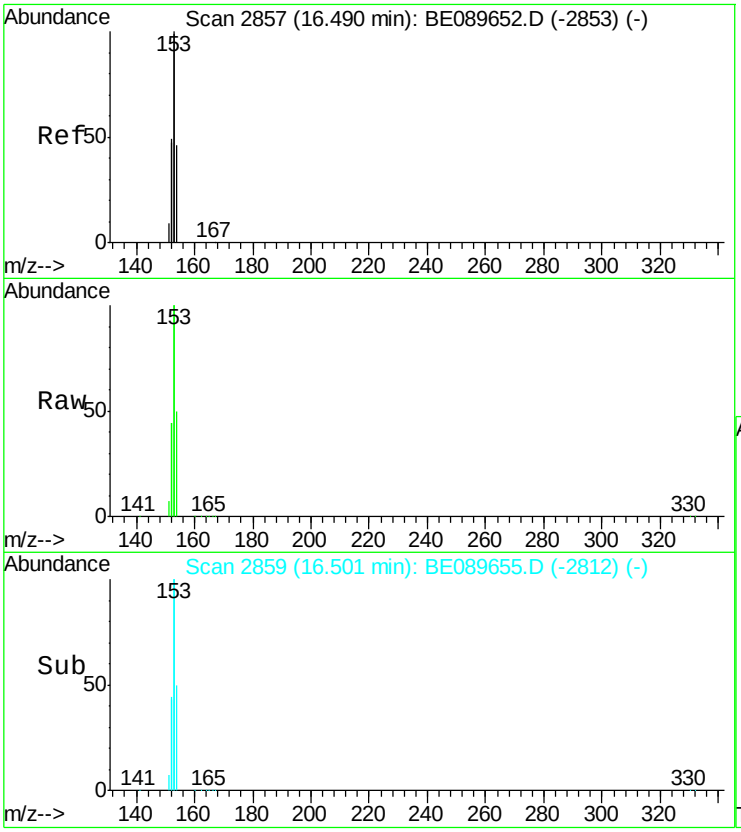


#10
Acenaphthylene
Concen: 9.66 ng
RT: 16.07 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:152 Resp: 1241473

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.6
153	13.1	10.4	15.6

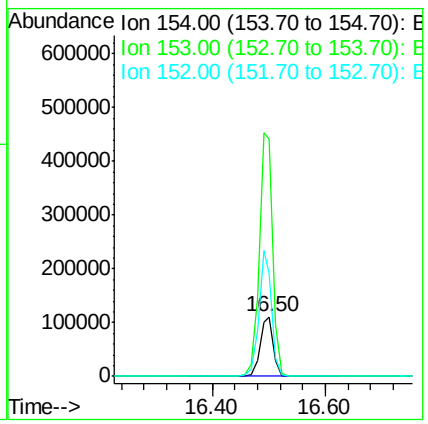


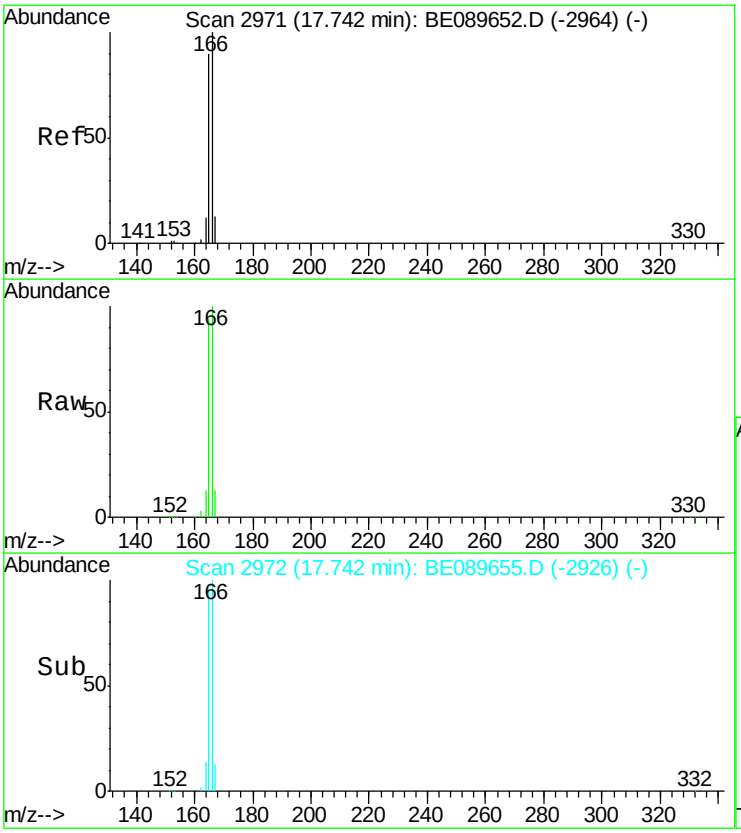


#11
Acenaphthene
Concen: 8.81 ng
RT: 16.50 min Scan# 2859
Delta R.T. 0.01 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:154 Resp: 181368

Ion	Ratio	Lower	Upper
154	100		
153	424.8	343.0	514.4
152	204.6	165.8	248.8

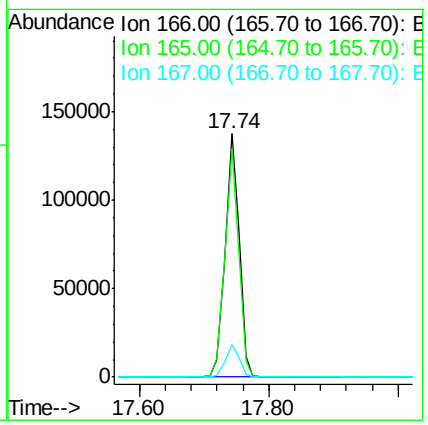


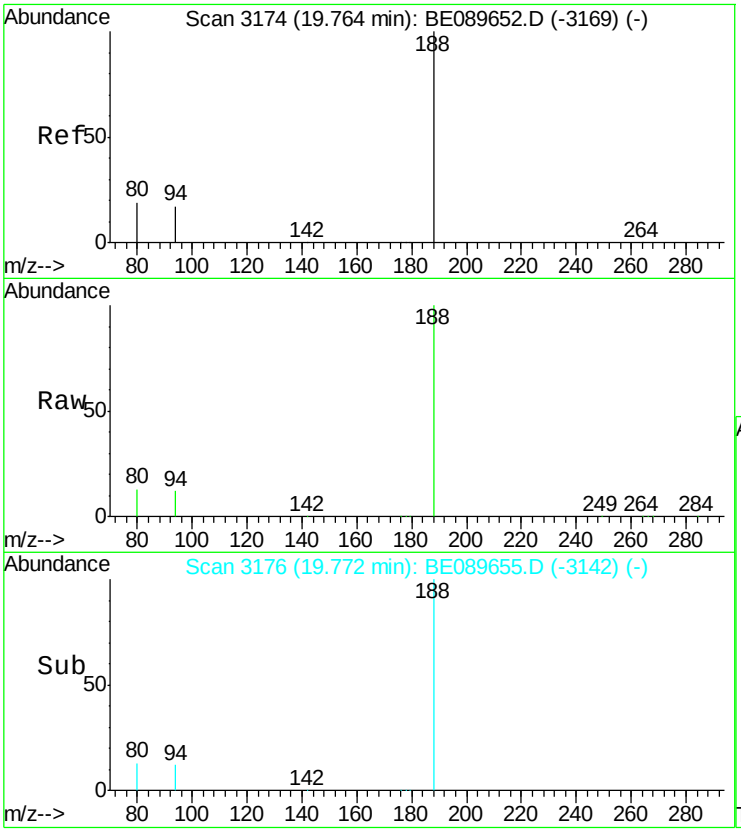


#12
Fluorene
Concen: 9.56 ng
RT: 17.74 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:166 Resp: 205623

Ion	Ratio	Lower	Upper
166	100		
165	92.7	73.6	110.4
167	13.3	10.5	15.7

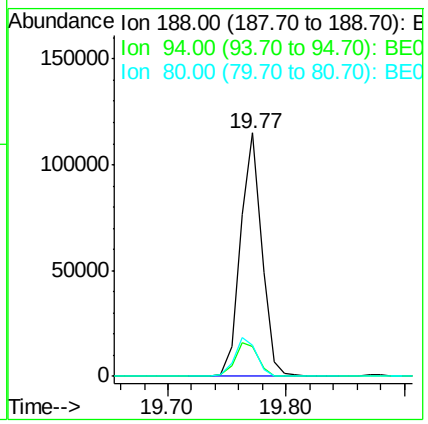


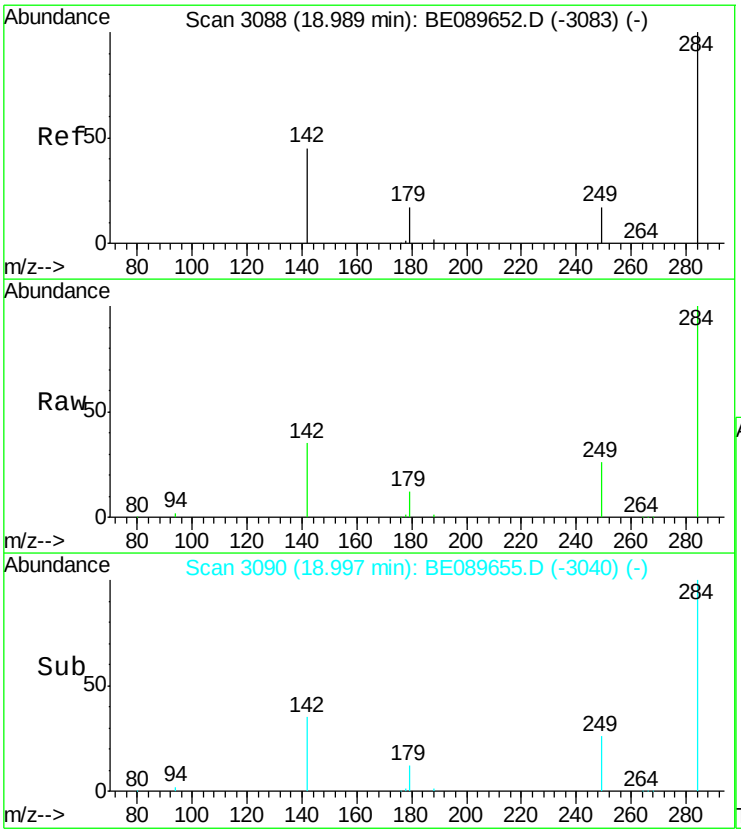


#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3176
Delta R.T. 0.01 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:188 Resp: 143038

Ion	Ratio	Lower	Upper
188	100		
94	12.4	13.8	20.8#
80	12.7	15.0	22.6#

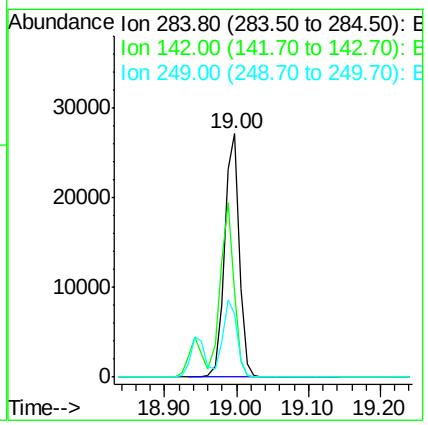


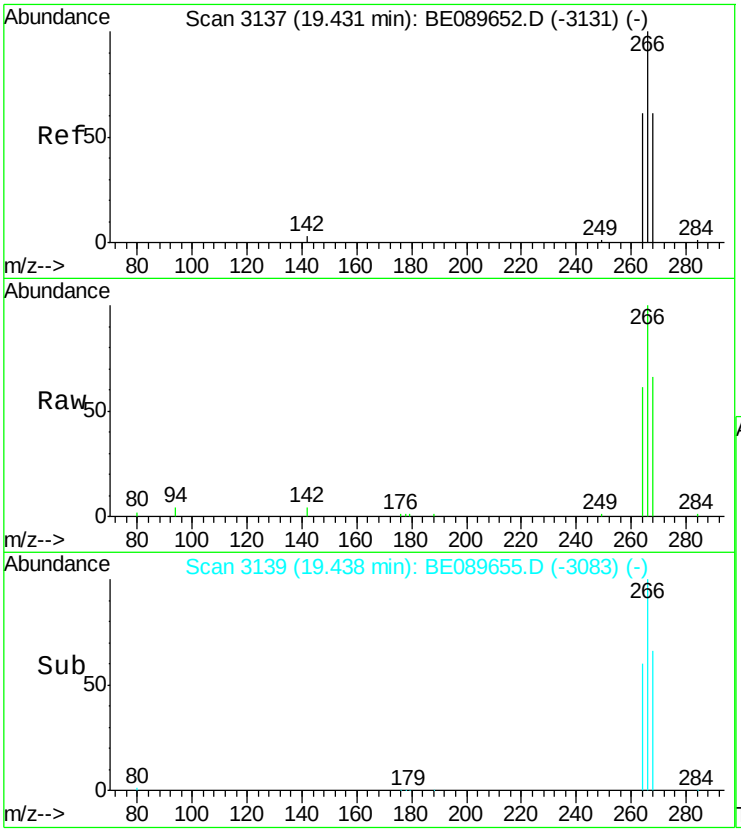


#14
Hexachlorobenzene
Concen: 8.69 ng
RT: 19.00 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:284 Resp: 38440

Ion	Ratio	Lower	Upper
284	100		
142	66.4	55.0	82.6
249	30.3	26.1	39.1

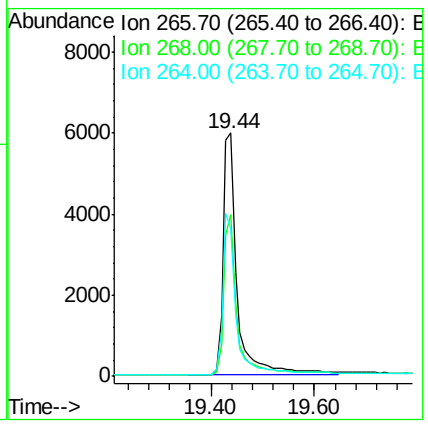


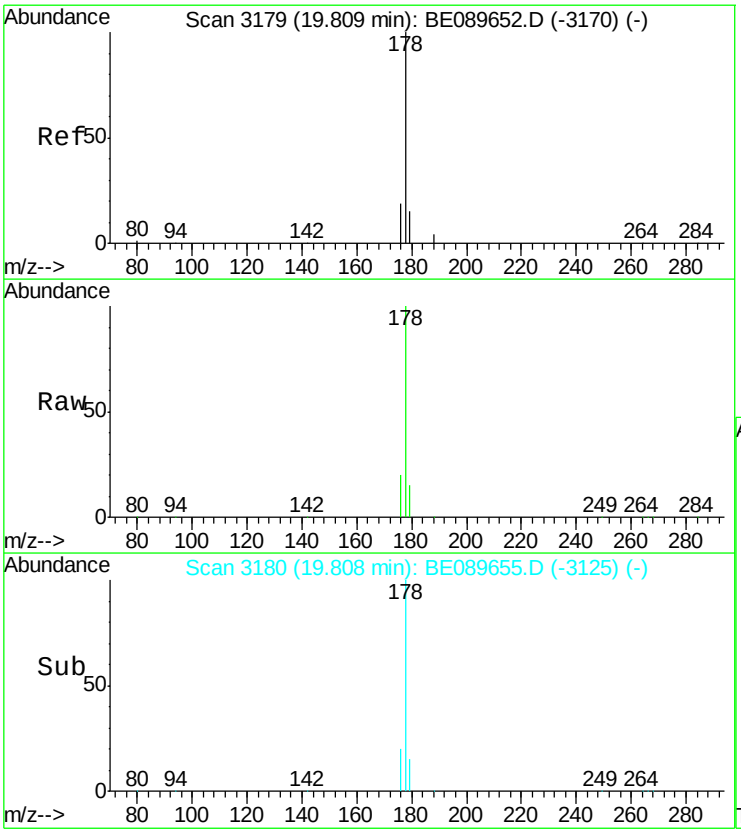


#15
Pentachlorophenol
Concen: 10.10 ng
RT: 19.44 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:266 Resp: 11077

Ion	Ratio	Lower	Upper
266	100		
268	66.2	54.7	82.1
264	60.7	55.4	83.0

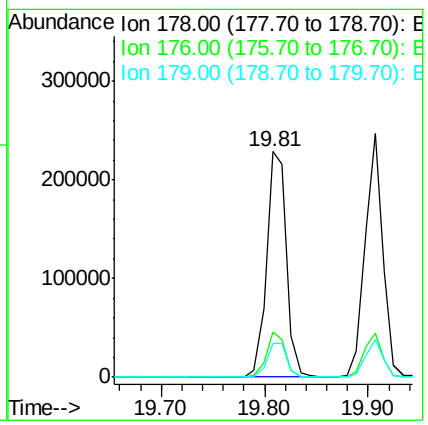


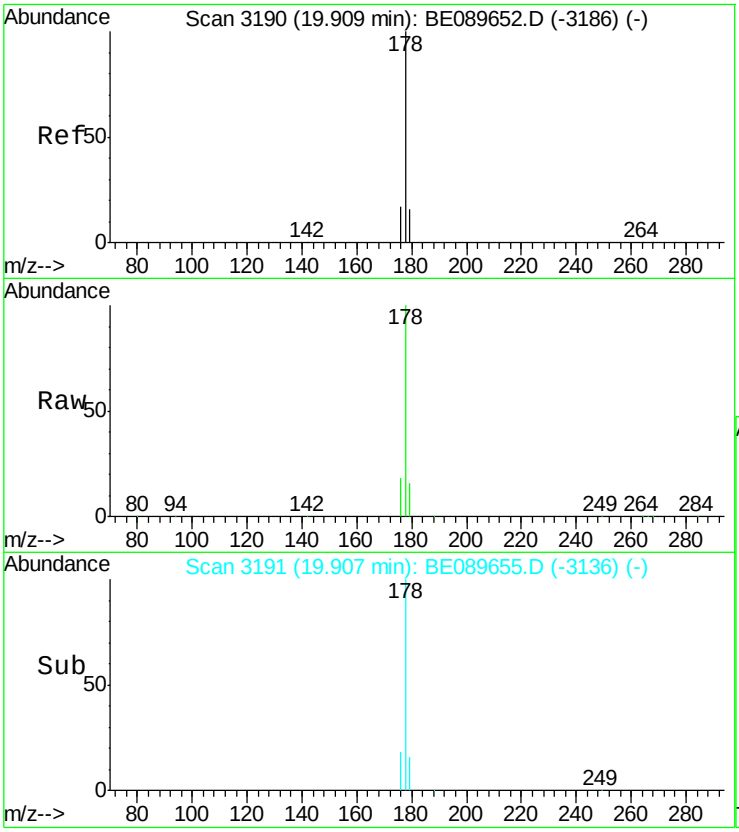


#16
Phenanthrene
Concen: 8.57 ng
RT: 19.81 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:178 Resp: 307308

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.3	18.5

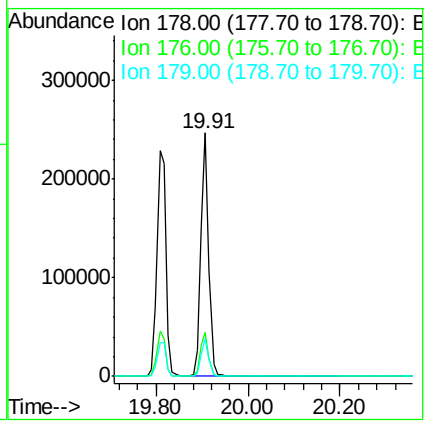


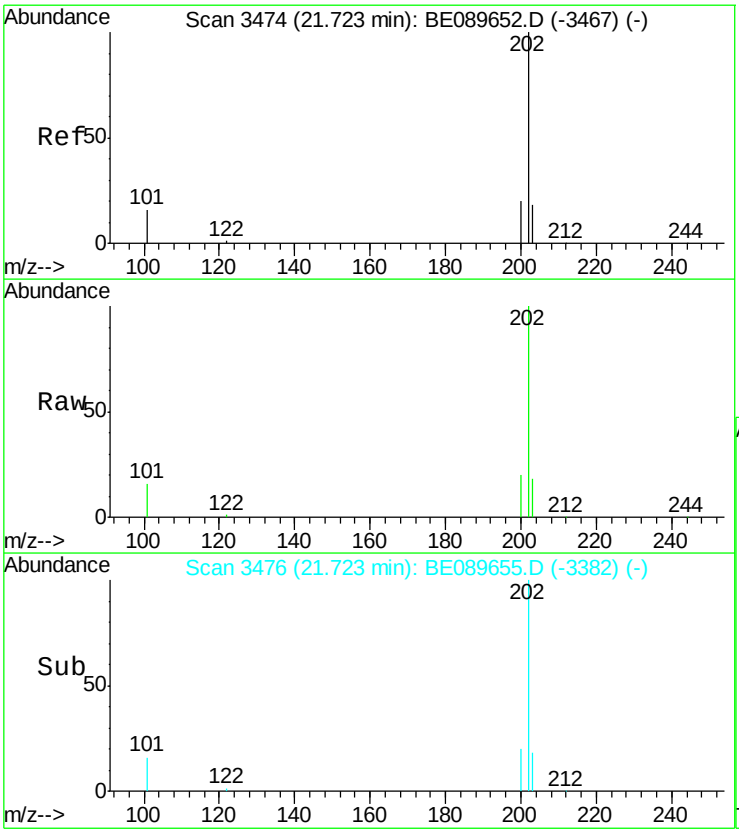


#17
Anthracene
Concen: 10.31 ng
RT: 19.91 min Scan# 3191
Delta R.T. -0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:178 Resp: 299066

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.3	21.5
179	15.4	12.1	18.1

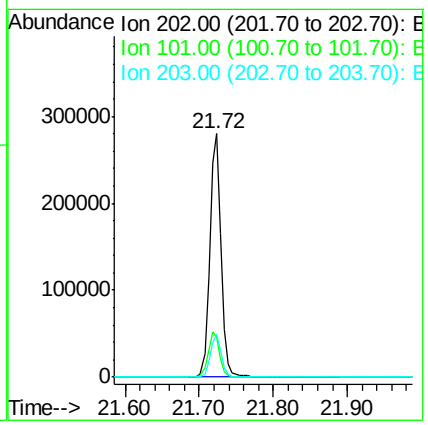


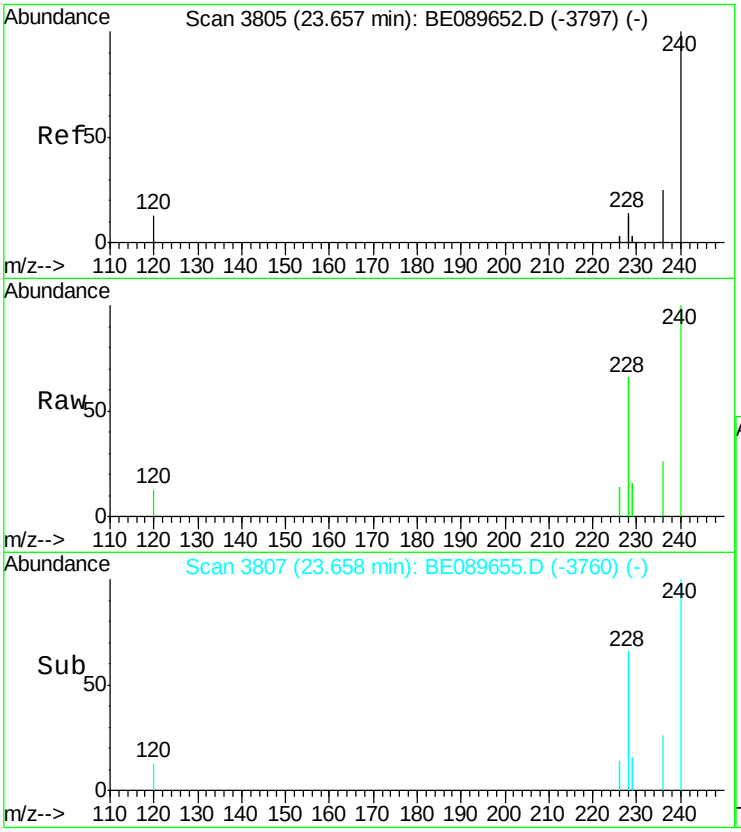


#18
Fluoranthene
Concen: 11.38 ng
RT: 21.72 min Scan# 3476
Delta R.T. -0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:202 Resp: 295862

Ion	Ratio	Lower	Upper
202	100		
101	18.5	14.9	22.3
203	17.4	13.7	20.5

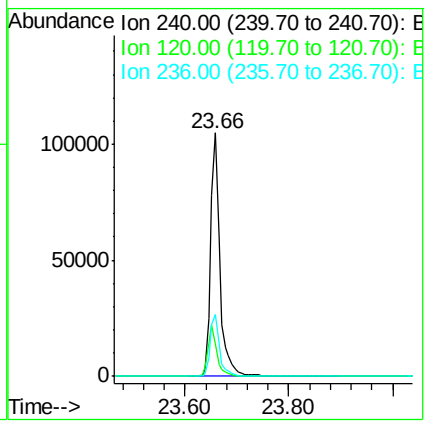


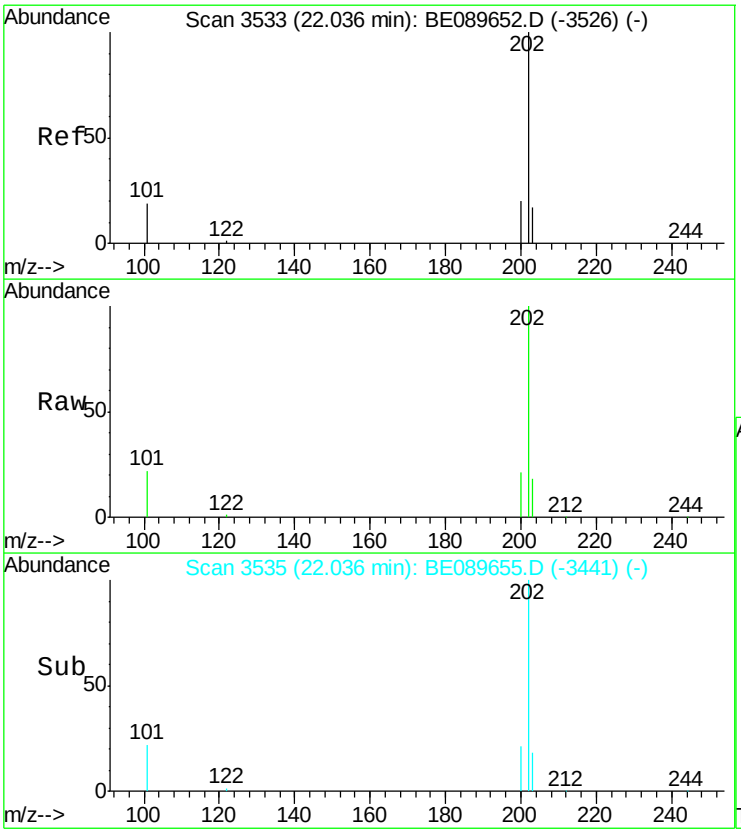


#19
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:240 Resp: 126892

Ion	Ratio	Lower	Upper
240	100		
120	13.2	10.6	15.8
236	25.6	20.3	30.5

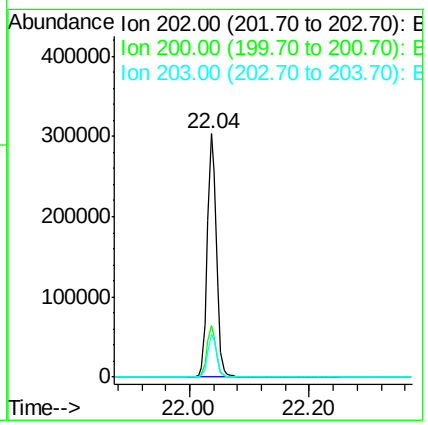


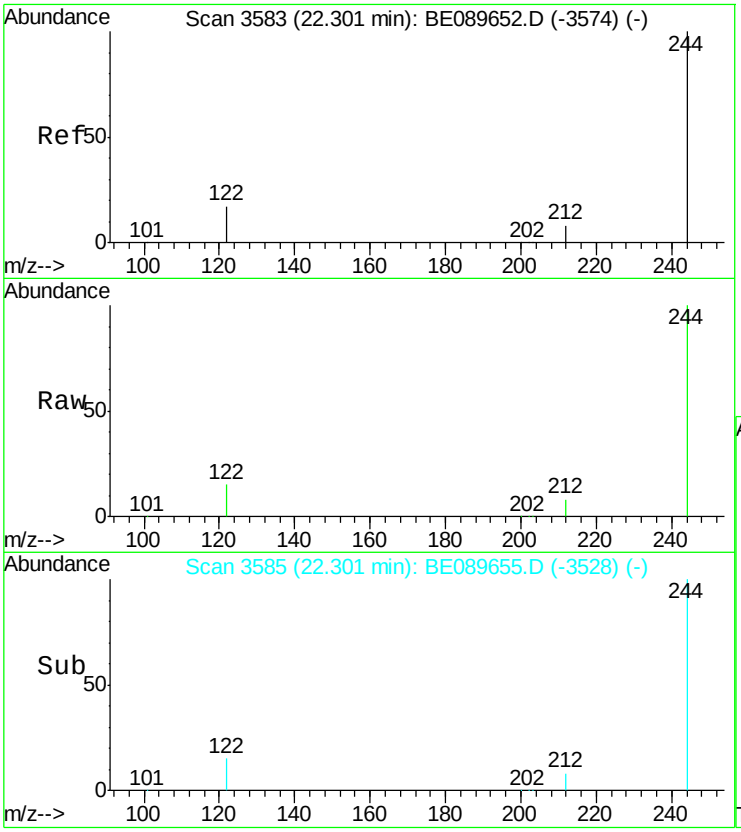


#20
Pyrene
Concen: 7.96 ng
RT: 22.04 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:202 Resp: 317327

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.5	24.7
203	17.7	13.8	20.6

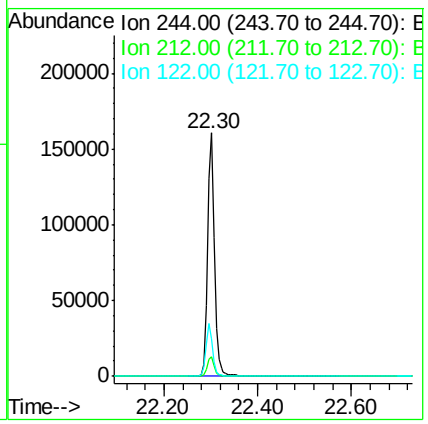


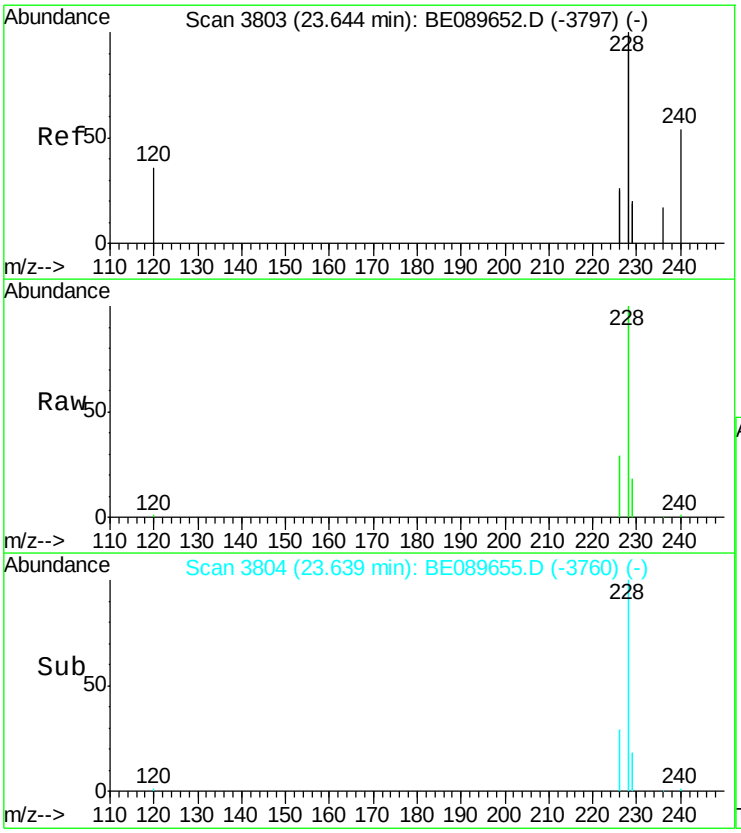


#21
Terphenyl-d14
Concen: 7.80 ng
RT: 22.30 min Scan# 3585
Delta R.T. -0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:244 Resp: 159227

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	15.4	13.7	20.5

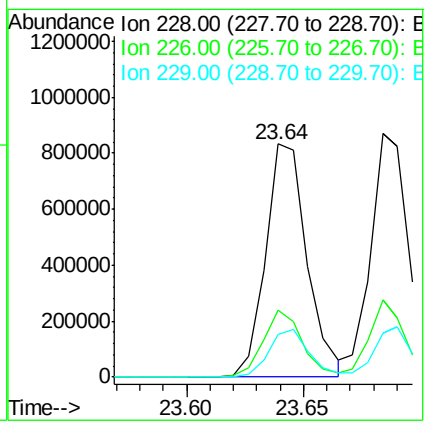


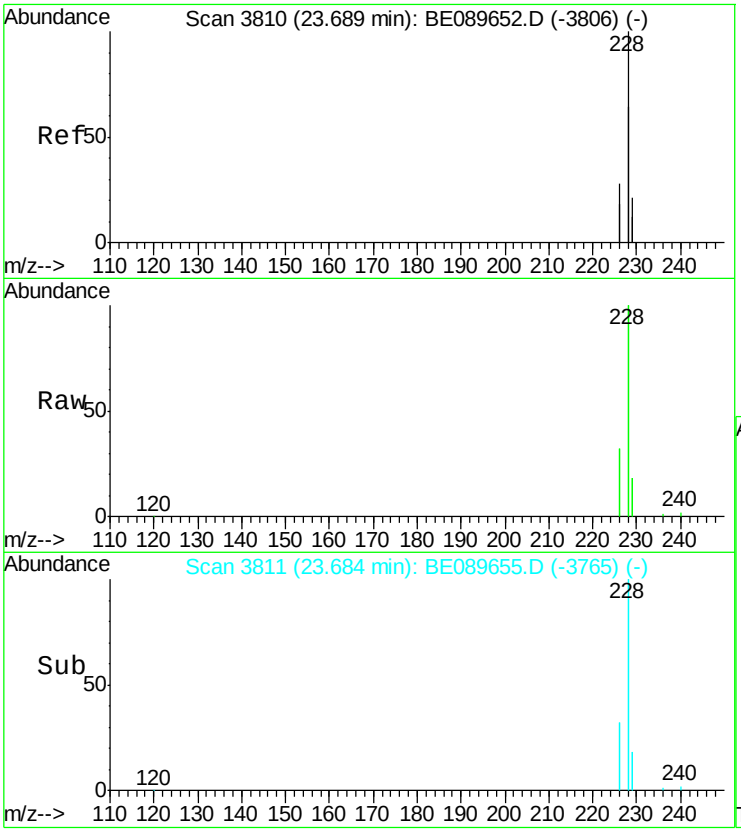


#22
Benzo(a)anthracene
Concen: 11.11 ng
RT: 23.64 min Scan# 3804
Delta R.T. -0.01 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:228 Resp: 1034903

Ion	Ratio	Lower	Upper
228	100		
226	29.0	20.9	31.3
229	18.2	15.8	23.6

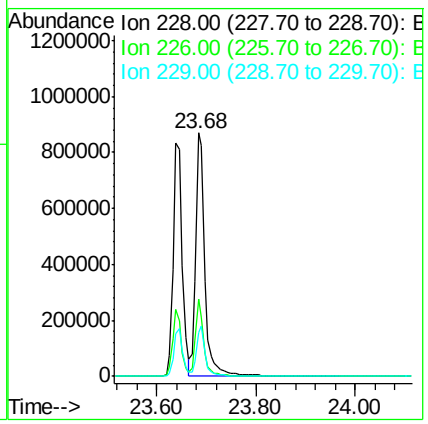


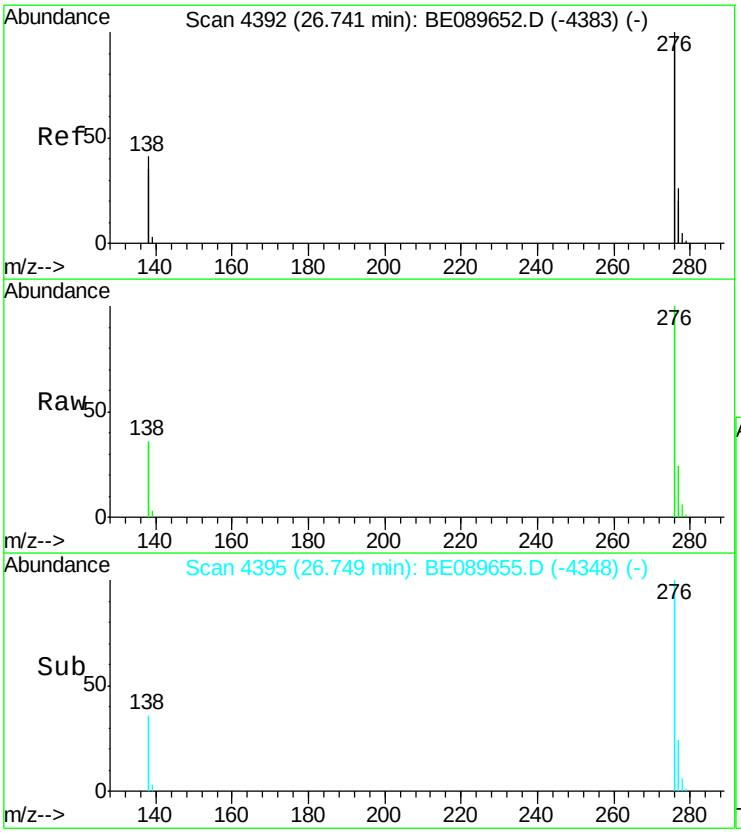


#23
Chrysene
Concen: 7.99 ng
RT: 23.68 min Scan# 3811
Delta R.T. -0.01 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:228 Resp: 1099334

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.0	33.0
229	17.8	16.6	24.8

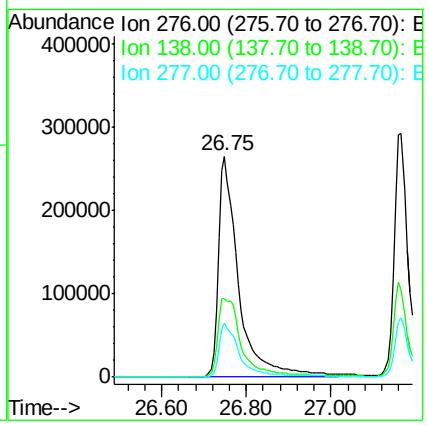


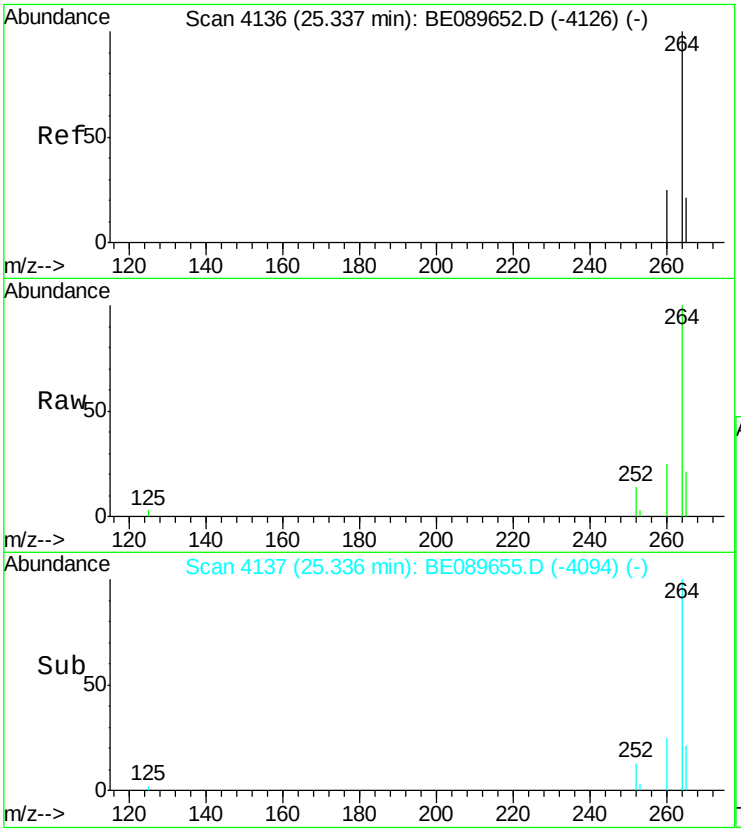


#24
Indeno(1,2,3-cd)pyrene
Concen: 17.05 ng
RT: 26.75 min Scan# 4395
Delta R.T. 0.01 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:276 Resp: 882359

Ion	Ratio	Lower	Upper
276	100		
138	43.0	36.2	54.4
277	25.0	5.4	8.2#

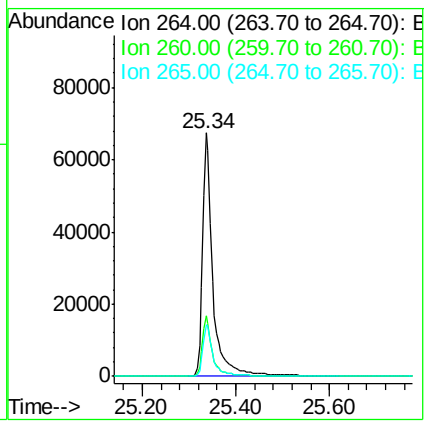


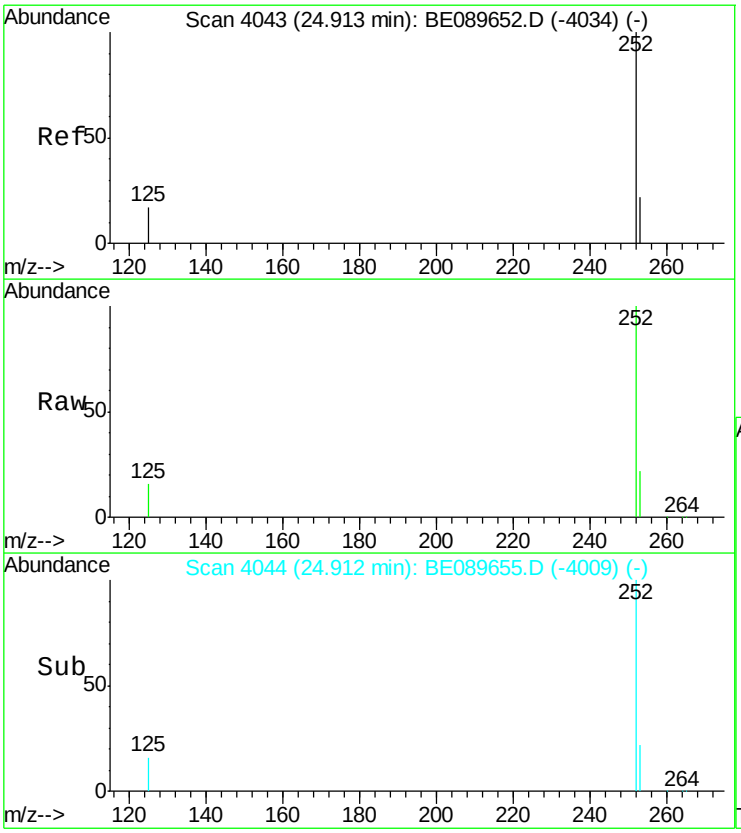


#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4137
Delta R.T. -0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:264 Resp: 102981

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	21.0	16.8	25.2

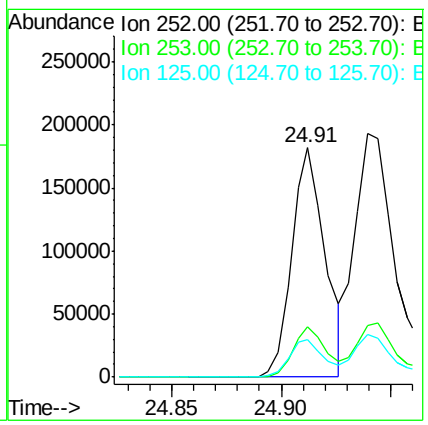


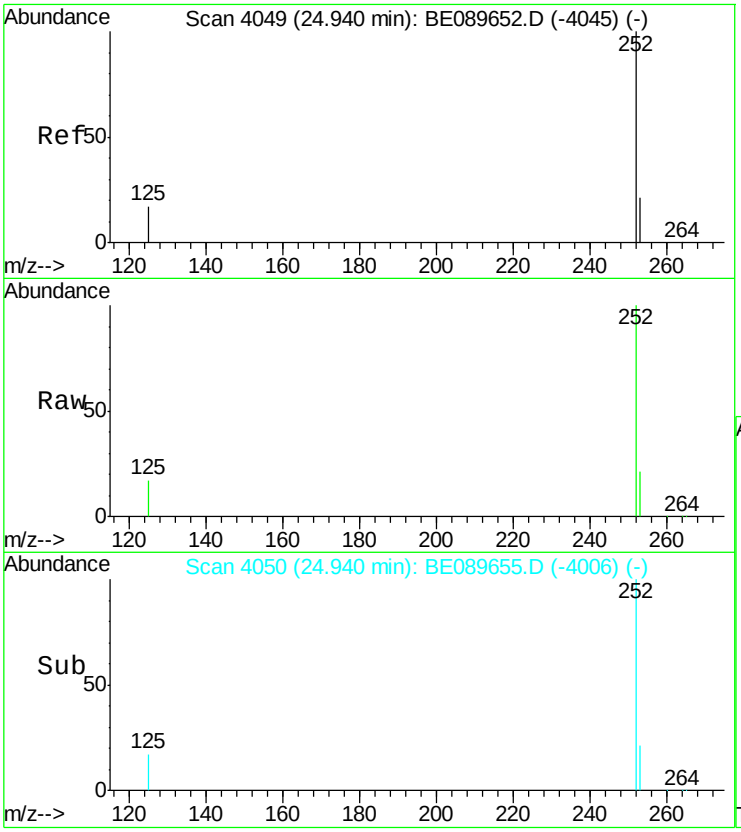


#26
Benzo(b)fluoranthene
Concen: 19.50 ng
RT: 24.91 min Scan# 4044
Delta R.T. -0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:252 Resp: 192193

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	16.5	14.6	22.0

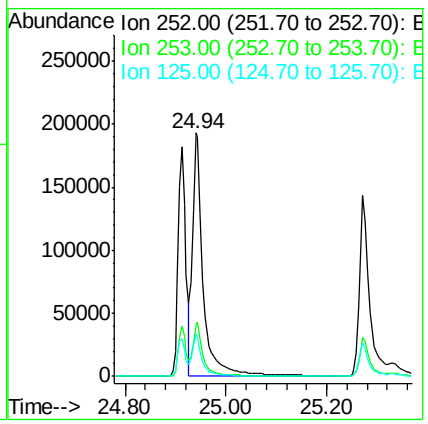


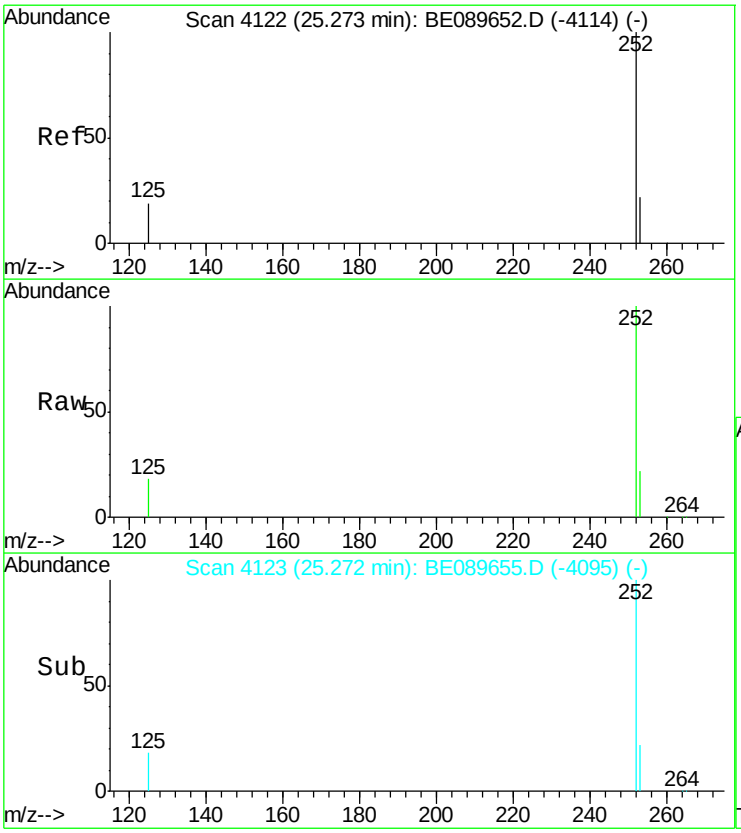


#27
Benzo(k)fluoranthene
Concen: 11.00 ng
RT: 24.94 min Scan# 4050
Delta R.T. -0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:252 Resp: 284507

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.8
125	17.3	14.3	21.5

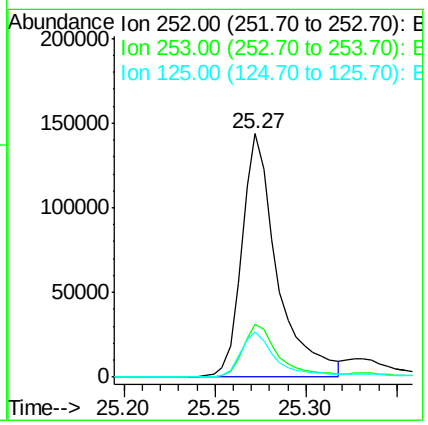


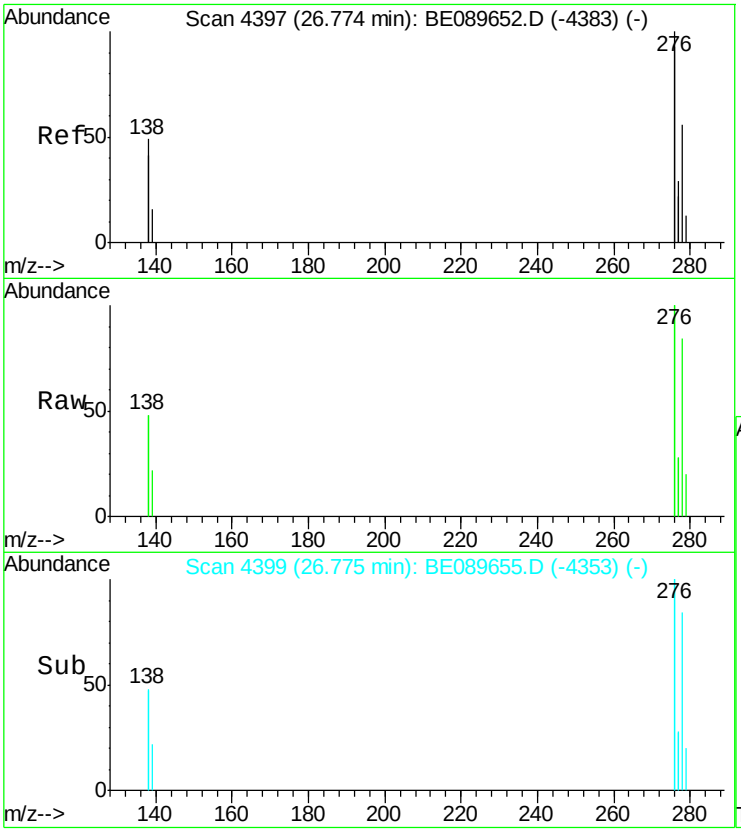


#28
Benzo(a)pyrene
Concen: 16.96 ng
RT: 25.27 min Scan# 4123
Delta R.T. -0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:252 Resp: 192807

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	18.4	15.9	23.9

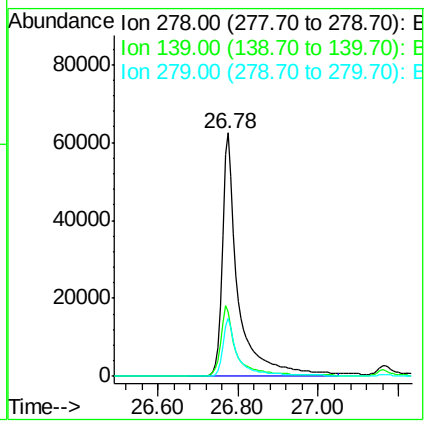


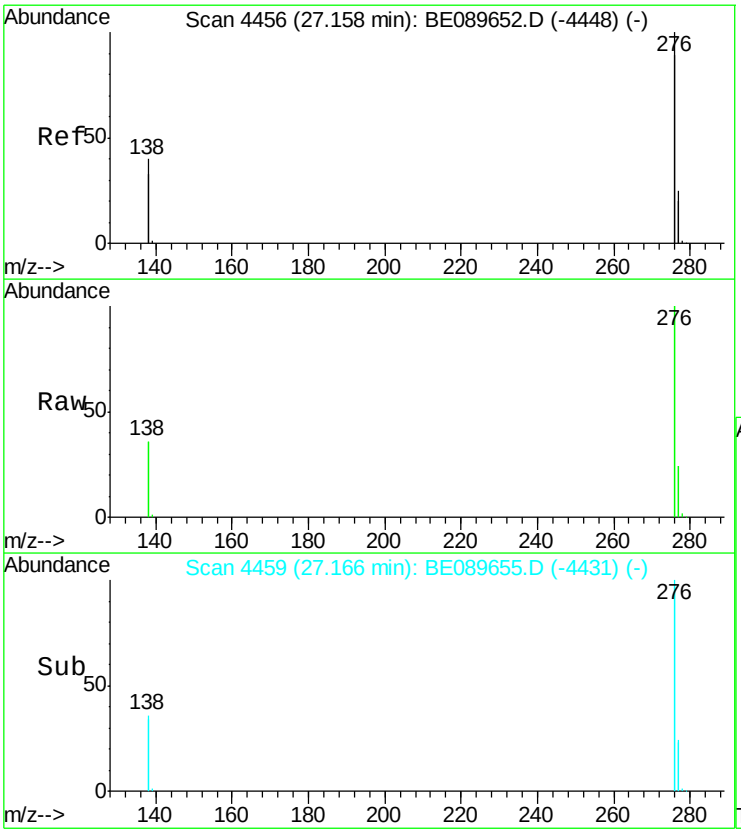


#29
Dibenzo(a,h)anthracene
Concen: 18.20 ng
RT: 26.78 min Scan# 4399
Delta R.T. 0.00 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:278 Resp: 173706

Ion	Ratio	Lower	Upper
278	100		
139	26.6	25.4	38.2
279	24.0	20.0	30.0





#30
Benzo(g,h,i)perylene
Concen: 12.64 ng
RT: 27.17 min Scan# 4459
Delta R.T. 0.01 min
Lab File: BE089655.D
Acq: 24 Feb 2015 00:08

Tgt Ion:276 Resp: 747294

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.2	30.2
138	35.8	32.4	48.6