Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030515\
Data File : BE089742.D
Acq On : 5 Mar 2015 13:38
Operator : TP/JJ
Sample : MDL-S-BLK
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 06 09:39:52 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 14:17:55 2015
Response via : Initial Calibration

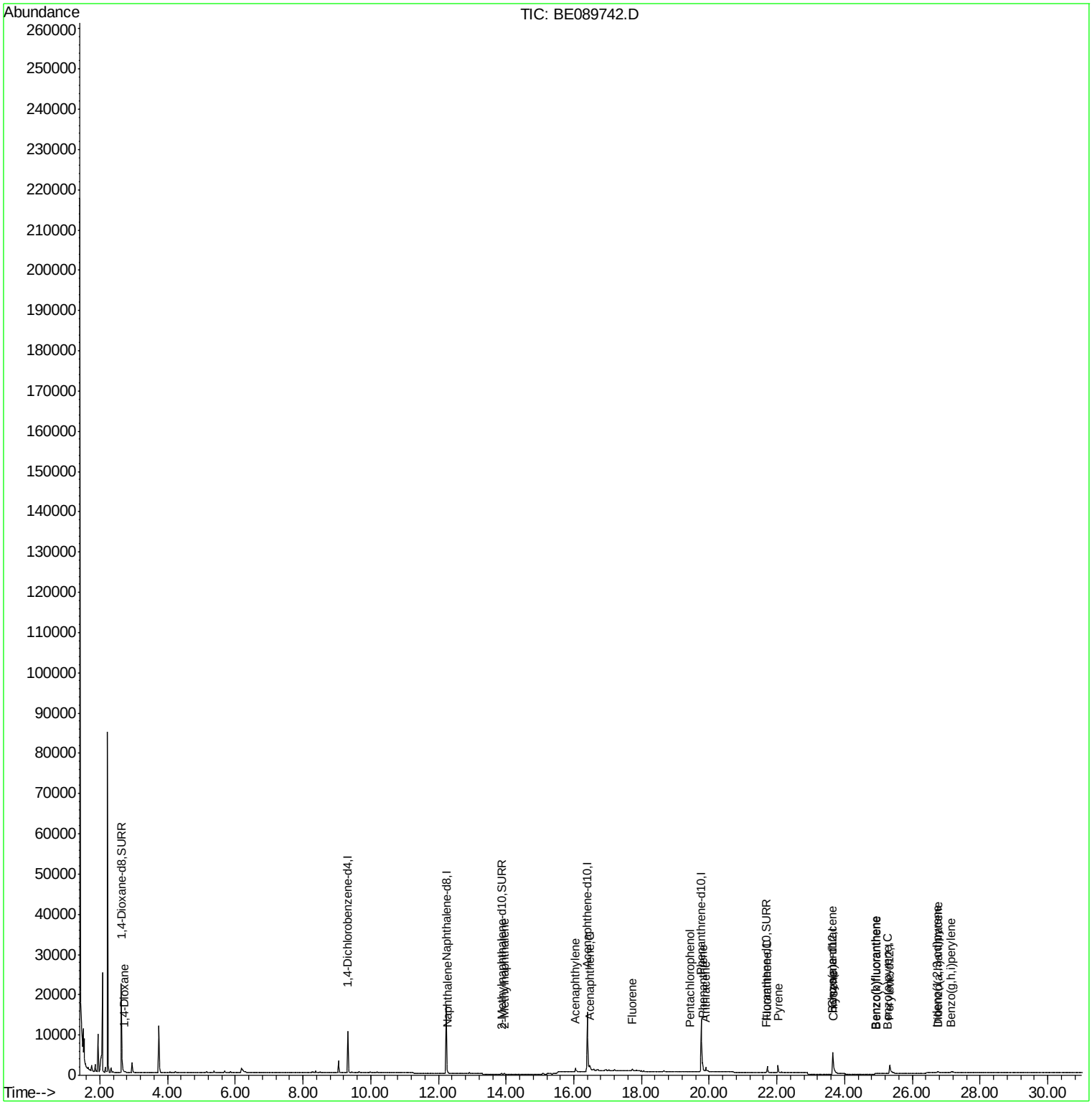
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.33	152	5044	0.40	ng/ul	0.00
4) Naphthalene-d8	12.23	136	21527	0.40	ng/ul	0.00
8) Acenaphthene-d10	16.40	164	9553	0.40	ng/ul	0.00
12) Phenanthrene-d10	19.76	188	16388	0.40	ng/ul	0.00
18) Chrysene-d12	23.65	240	8678	0.40	ng/ul	0.00
22) Perylene-d12	25.33	264	5044	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.63	96	12554	1.89	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.87	152	153	0.01	ng/ul	0.00
16) Fluoranthene-d10	21.69	212	211	0.01	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	2.73	88	98	0.01	ng/ul#	79
5) Naphthalene	12.28	128	259	0.01	ng/ul#	48
7) 2-Methylnaphthalene	13.94	142	201	0.01	ng/ul	91
9) Acenaphthylene	16.05	152	1439	0.01	ng/ul#	56
10) Acenaphthene	16.47	153	1609	0.02	ng/ul#	78
11) Fluorene	17.73	166	388	0.01	ng/ul#	74
13) Pentachlorophenol	19.43	266	31	0.05	ng/ul#	85
14) Phenanthrene	19.81	178	2400	0.01	ng/ul#	77
15) Anthracene	19.91	178	1710	0.01	ng/ul#	62
17) Fluoranthene	21.72	202	1957	0.01	ng/ul	77
19) Pyrene	22.03	202	2078	0.02	ng/ul#	79
20) Benzo(a)anthracene	23.64	228	216	0.02	ng/ul#	59
21) Chrysene	23.68	228	386	0.02	ng/ul#	66
23) Benzo(b)fluoranthene	24.91	252	92	0.02	ng/ul#	21
24) Benzo(k)fluoranthene	24.93	252	131	0.01	ng/ul#	16
25) Benzo(a)pyrene	25.26	252	93	0.01	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	26.74	276	313	0.01	ng/ul#	70
27) Dibenzo(a,h)anthracene	26.77	278	50	0.01	ng/ul#	1
28) Benzo(g,h,i)perylene	27.15	276	329	0.01	ng/ul#	22

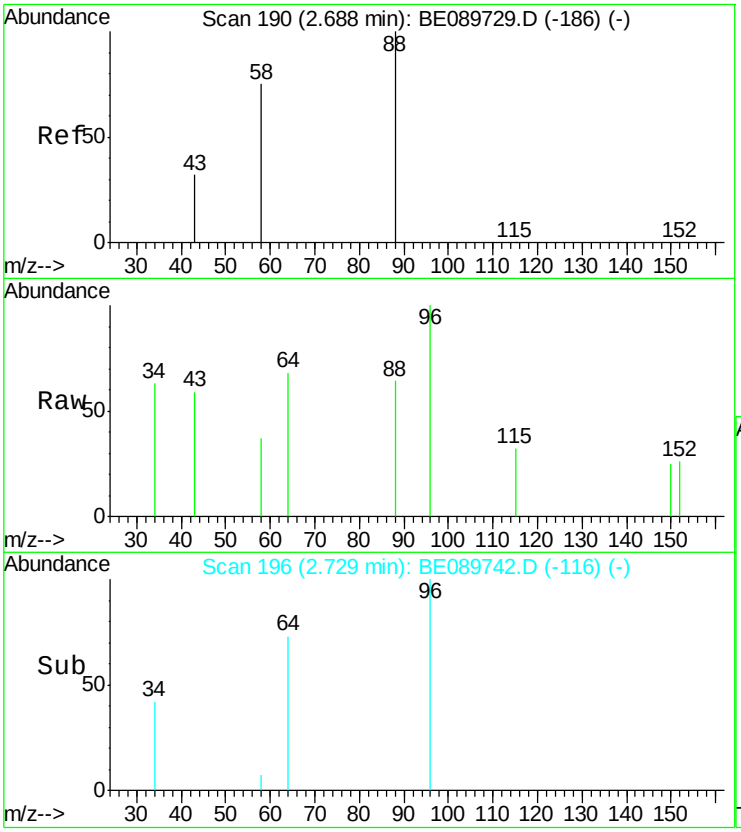
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030515\
Data File : BE089742.D
Acq On : 5 Mar 2015 13:38
Operator : TP/JJ
Sample : MDL-S-BLK
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 06 09:39:52 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 14:17:55 2015
Response via : Initial Calibration

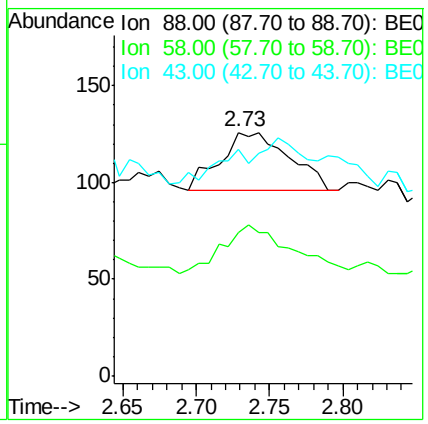


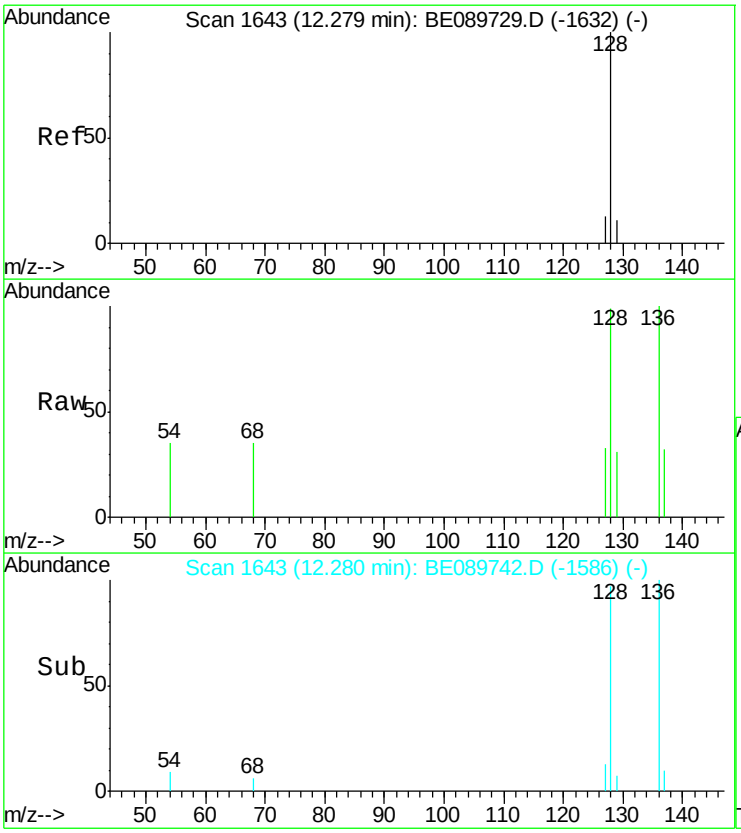


#3
1,4-Dioxane
Concen: 0.01 ng/ul
RT: 2.73 min Scan# 196
Delta R.T. 0.04 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion: 88 Resp: 98

Ion	Ratio	Lower	Upper
88	100		
58	81.6	61.3	91.9
43	0.0	26.1	39.1#

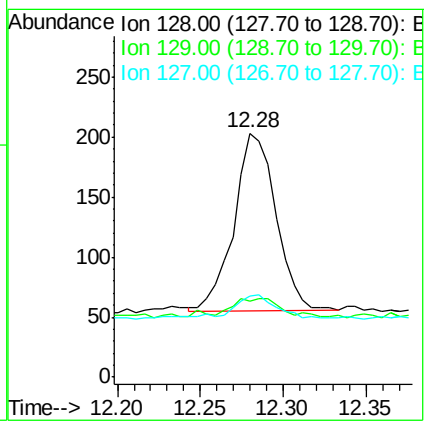


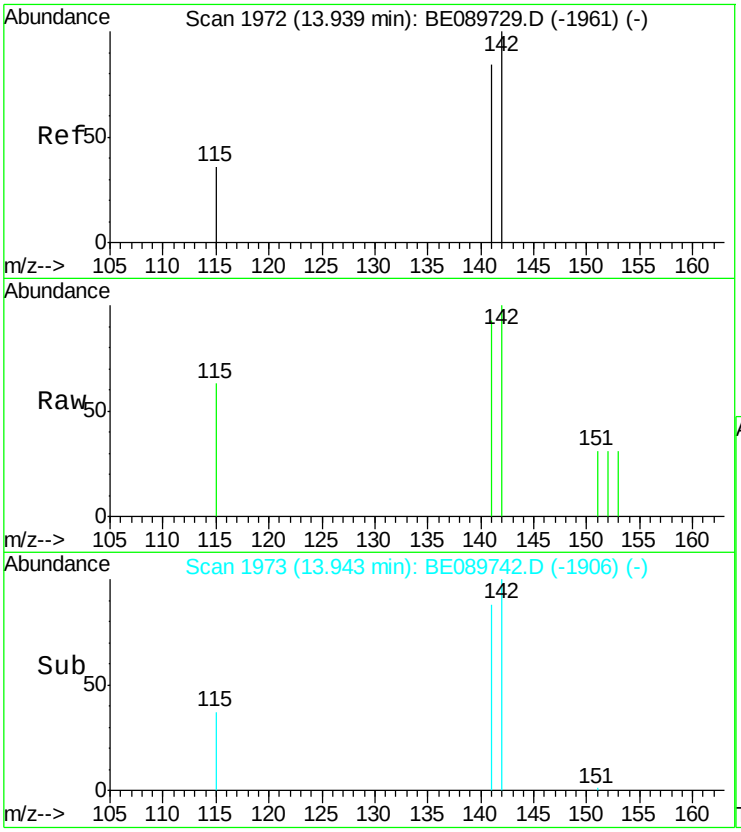


#5
Naphthalene
Concen: 0.01 ng/ul
RT: 12.28 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:128 Resp: 259

Ion	Ratio	Lower	Upper
128	100		
129	31.0	9.0	13.6#
127	33.5	10.2	15.4#

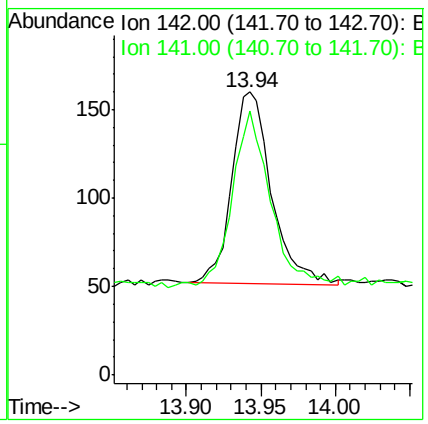


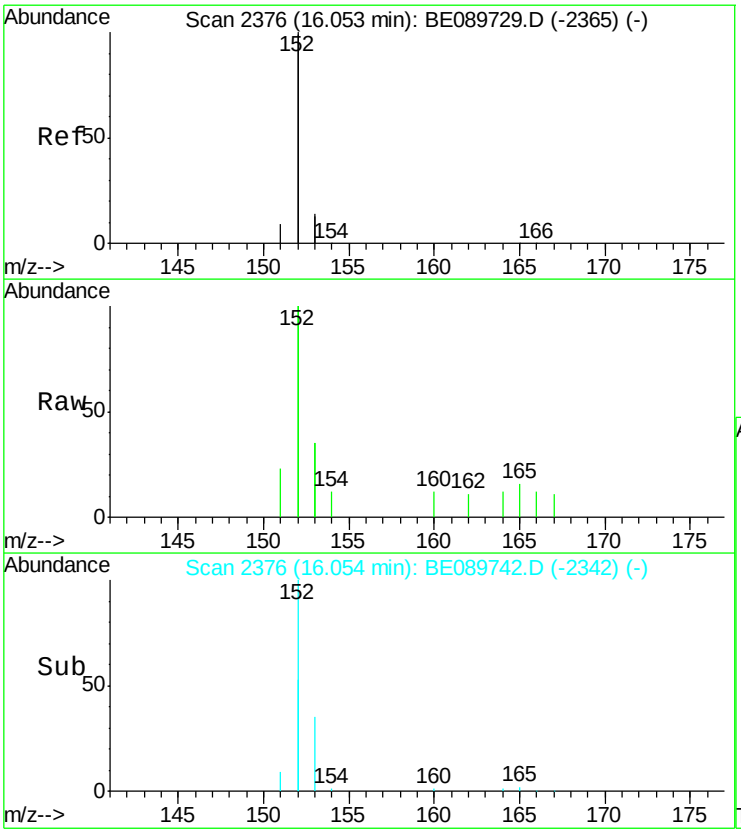


#7
2-Methylnaphthalene
Concen: 0.01 ng/ul
RT: 13.94 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:142 Resp: 201

Ion	Ratio	Lower	Upper
142	100		
141	92.5	67.4	101.0

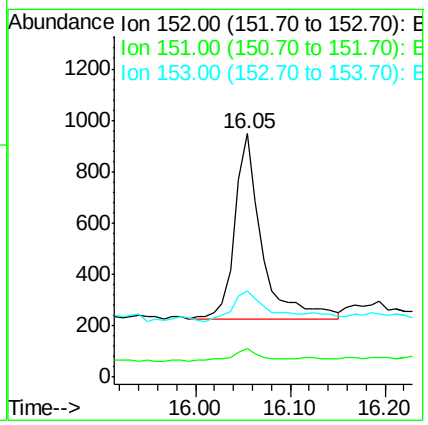


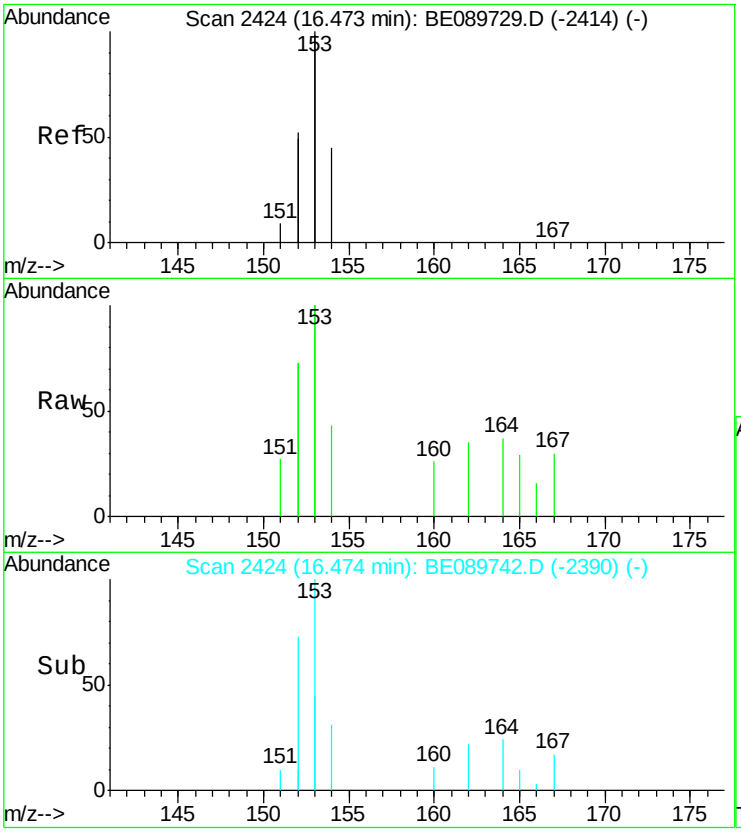


#9
Acenaphthylene
Concen: 0.01 ng/ul
RT: 16.05 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:152 Resp: 1439

Ion	Ratio	Lower	Upper
152	100		
151	11.6	3.8	5.8#
153	35.4	11.4	17.0#

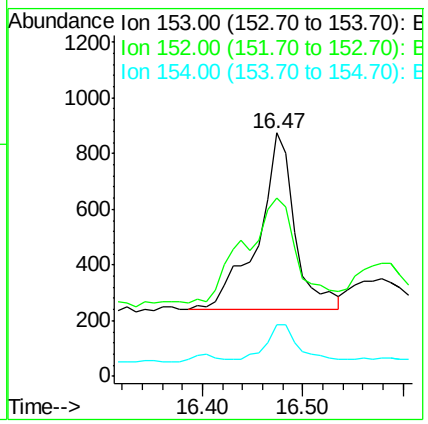


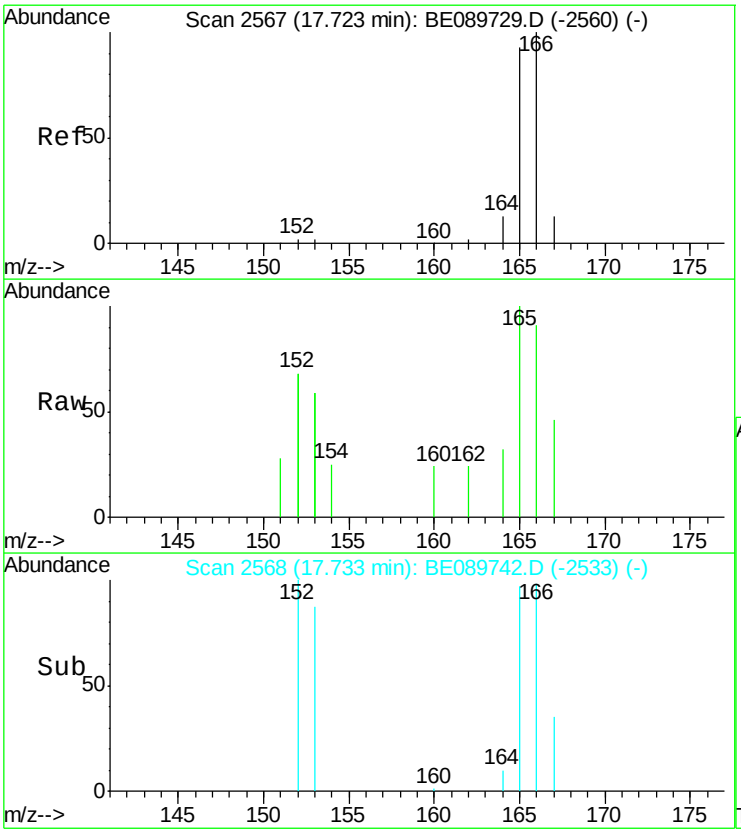


#10
Acenaphthene
Concen: 0.02 ng/ul
RT: 16.47 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:153 Resp: 1609

Ion	Ratio	Lower	Upper
153	100		
152	73.2	41.2	61.8#
154	21.4	18.2	27.2

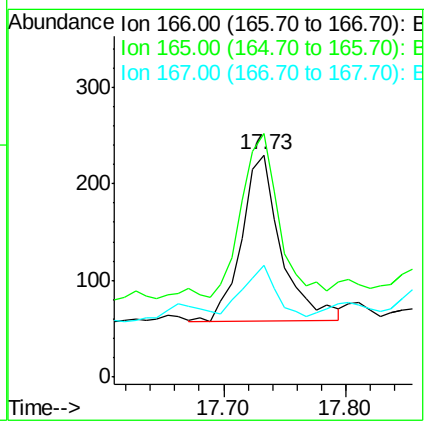


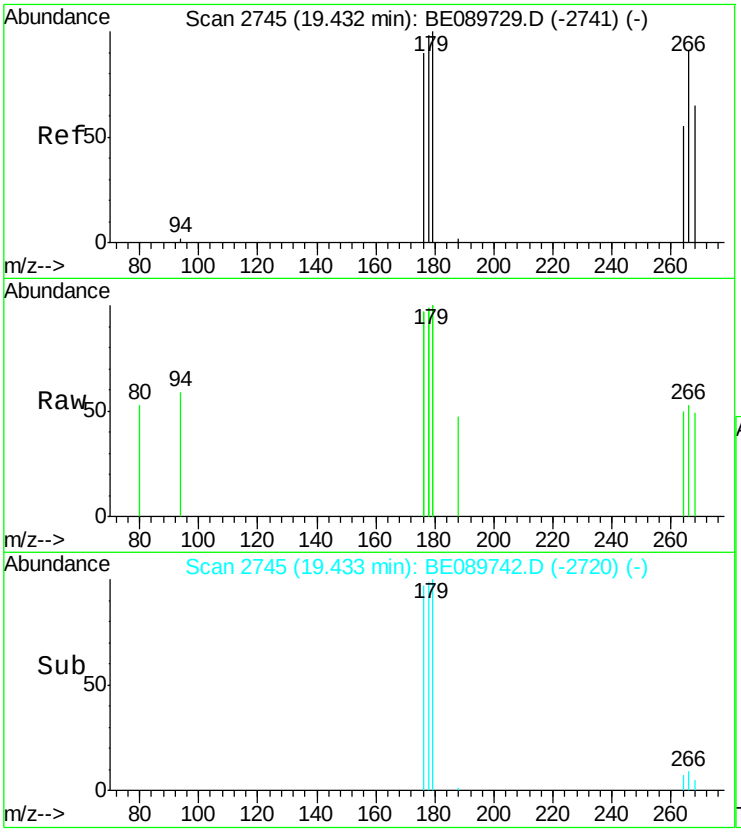


#11
Fluorene
Concen: 0.01 ng/ul
RT: 17.73 min Scan# 2568
Delta R.T. 0.01 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:166 Resp: 388

Ion	Ratio	Lower	Upper
166	100		
165	109.6	74.9	112.3
167	50.0	11.5	17.3#

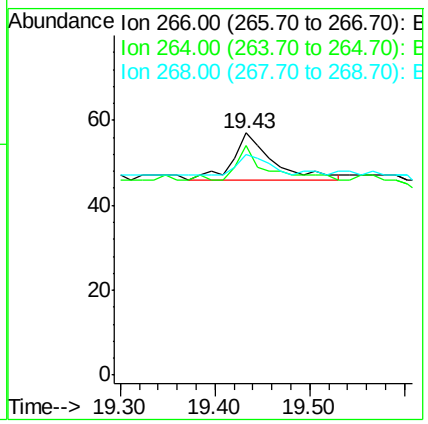


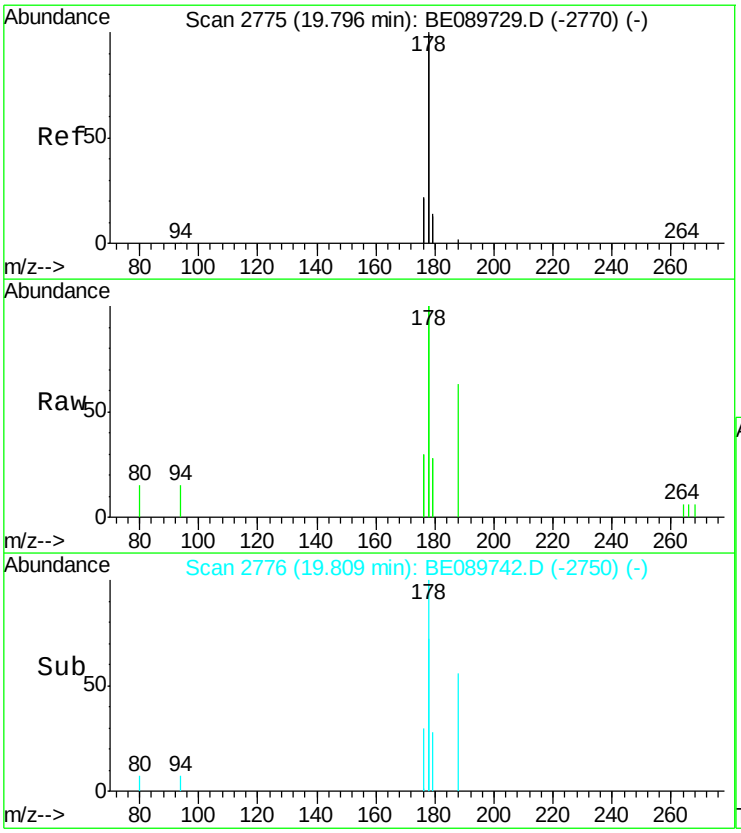


#13
Pentachlorophenol
Concen: 0.05 ng/ul
RT: 19.43 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:266 Resp: 31

Ion	Ratio	Lower	Upper
266	100		
264	71.0	49.4	74.2
268	74.2	47.9	71.9#

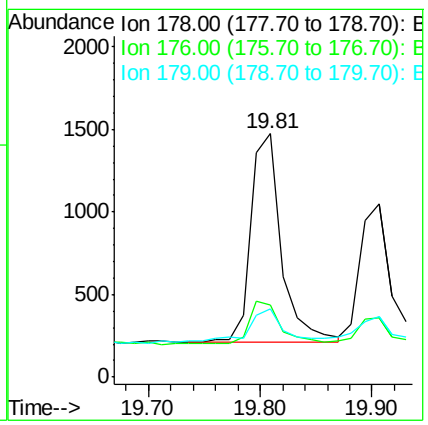


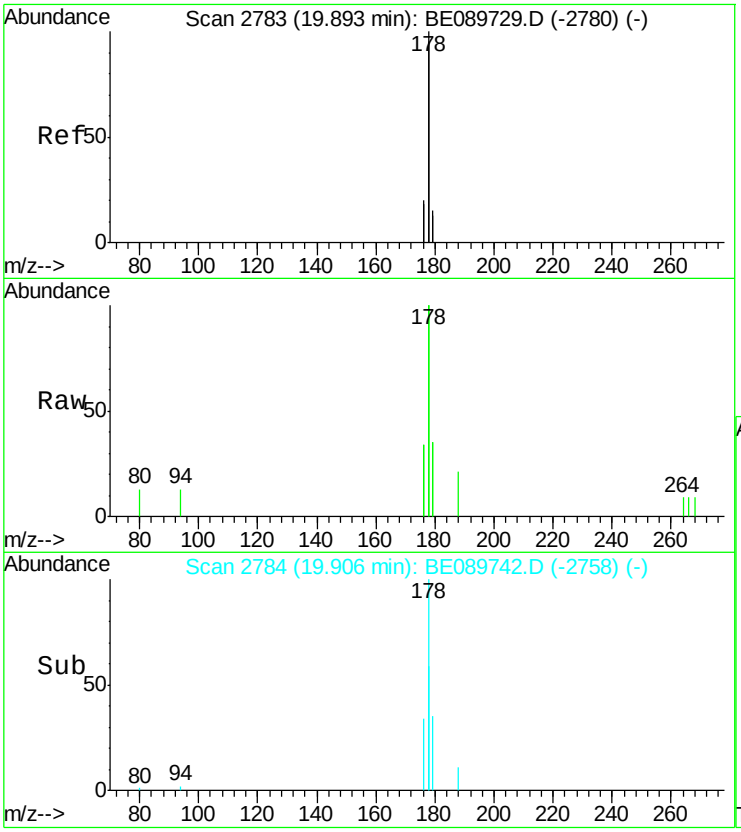


#14
Phenanthrene
Concen: 0.01 ng/ul
RT: 19.81 min Scan# 2776
Delta R.T. 0.01 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:178 Resp: 2400

Ion	Ratio	Lower	Upper
178	100		
176	29.6	17.6	26.4#
179	28.1	11.6	17.4#

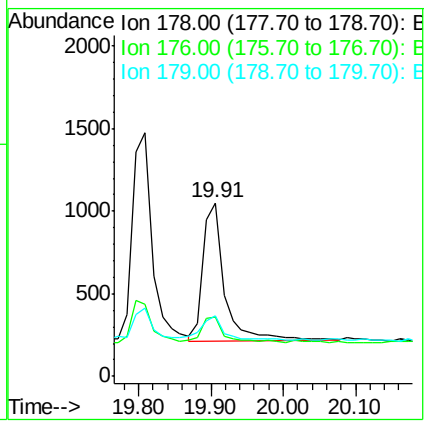


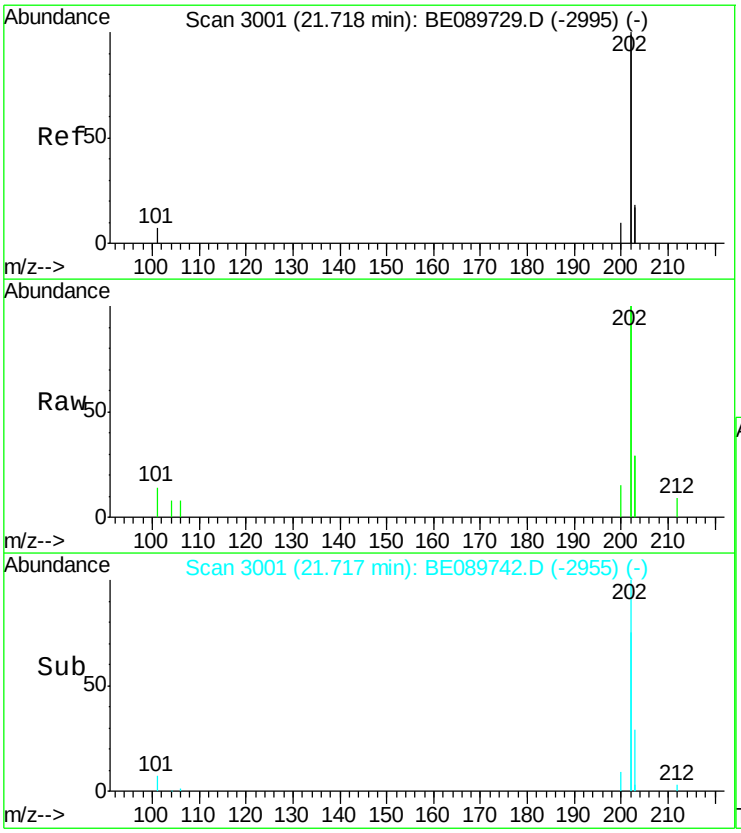


#15
Anthracene
Concen: 0.01 ng/ul
RT: 19.91 min Scan# 2784
Delta R.T. 0.01 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:178 Resp: 1710

Ion	Ratio	Lower	Upper
178	100		
176	34.1	15.8	23.6#
179	34.7	12.0	18.0#

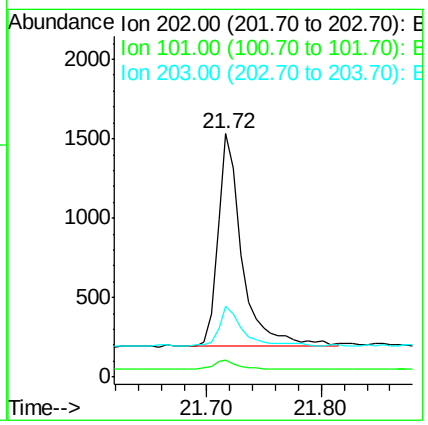


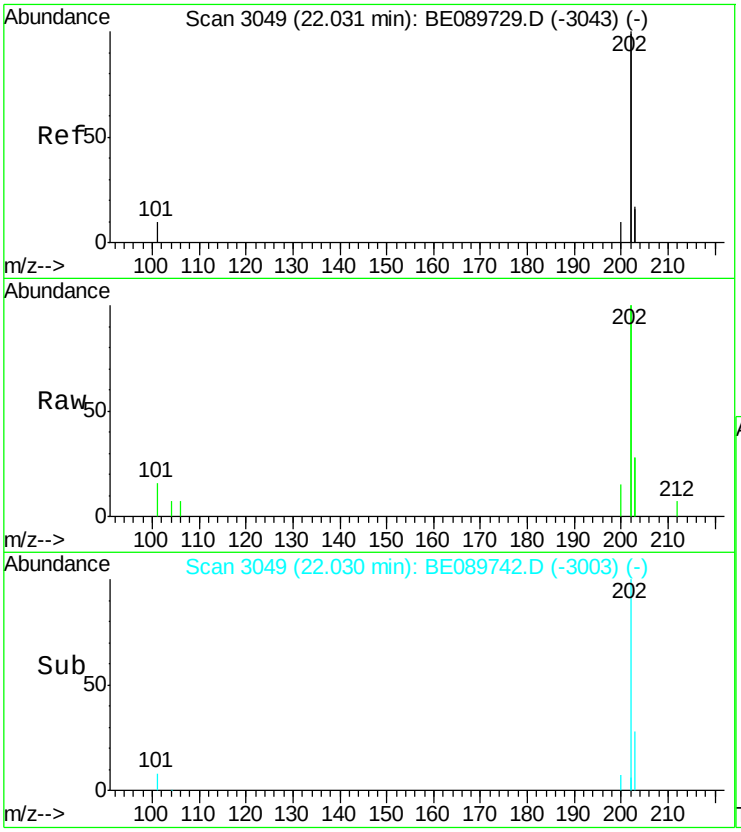


#17
Fluoranthene
Concen: 0.01 ng/ul
RT: 21.72 min Scan# 3001
Delta R.T. 0.00 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:202 Resp: 1957

Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	24.2
203	28.9	0.0	37.0

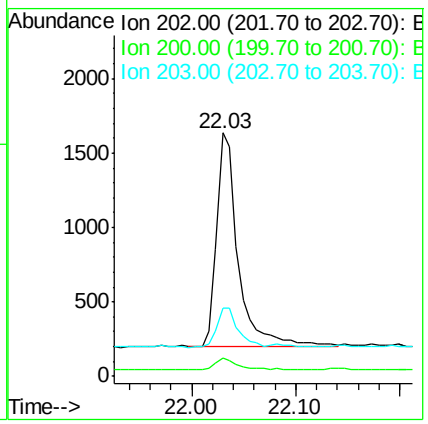


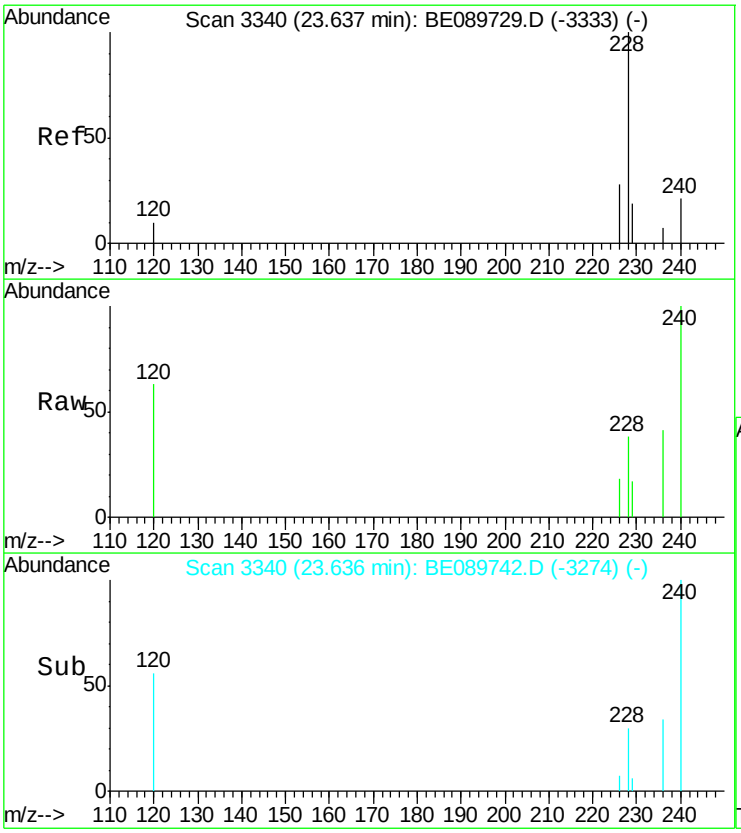


#19
Pyrene
Concen: 0.02 ng/ul
RT: 22.03 min Scan# 3049
Delta R.T. 0.00 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:202 Resp: 2078

Ion	Ratio	Lower	Upper
202	100		
200	7.6	4.4	6.6#
203	28.0	13.6	20.4#

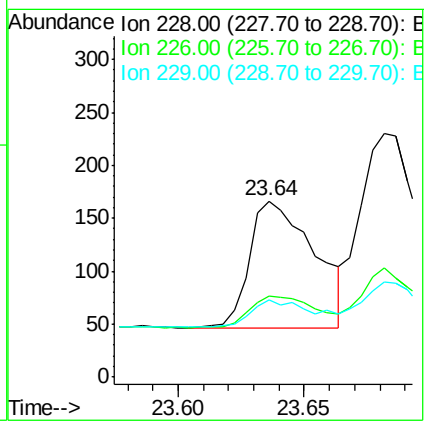


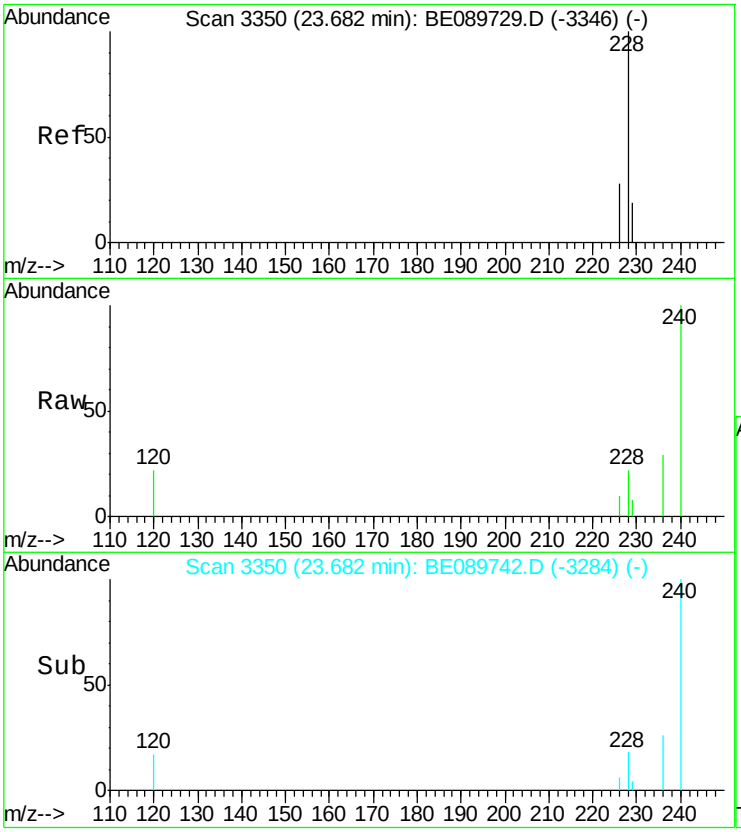


#20
Benzo(a)anthracene
Concen: 0.02 ng/ul
RT: 23.64 min Scan# 3340
Delta R.T. -0.00 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:228 Resp: 216

Ion	Ratio	Lower	Upper
228	100		
226	46.4	22.8	34.2#
229	44.0	16.2	24.2#

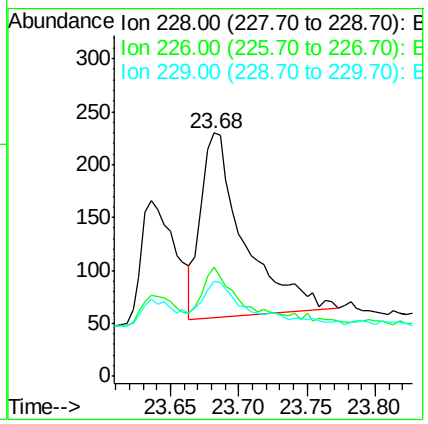


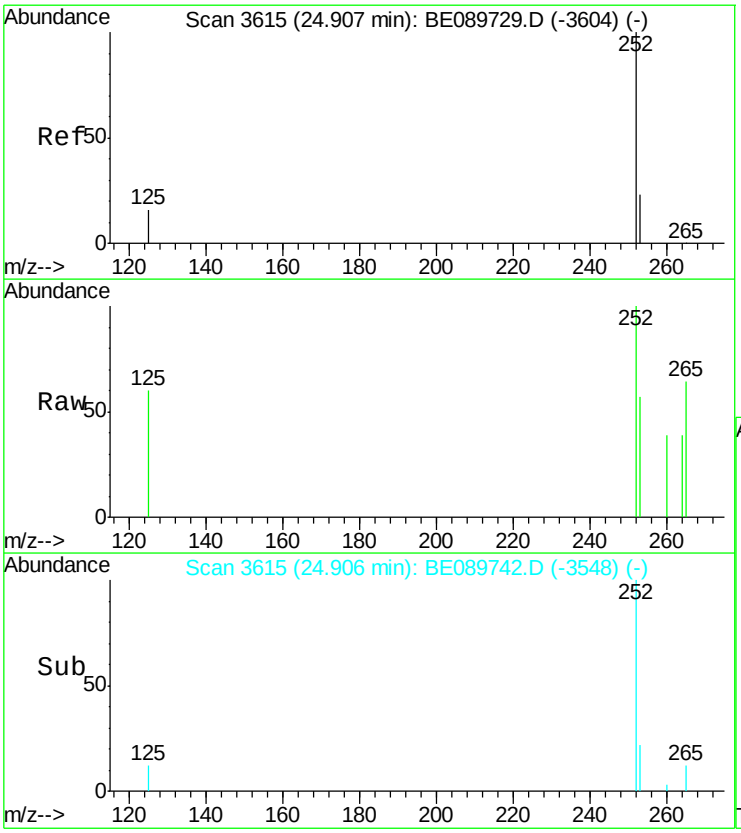


#21
Chrysene
Concen: 0.02 ng/ul
RT: 23.68 min Scan# 3350
Delta R.T. -0.00 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:228 Resp: 386

Ion	Ratio	Lower	Upper
228	100		
226	44.8	23.7	35.5#
229	39.1	15.5	23.3#

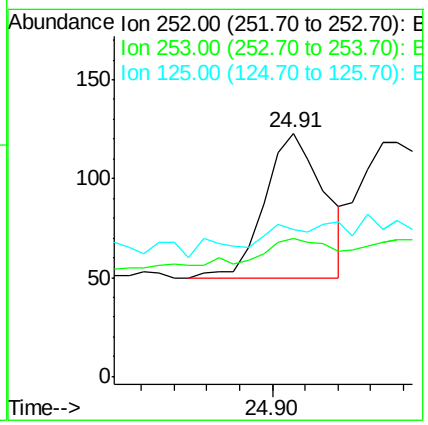


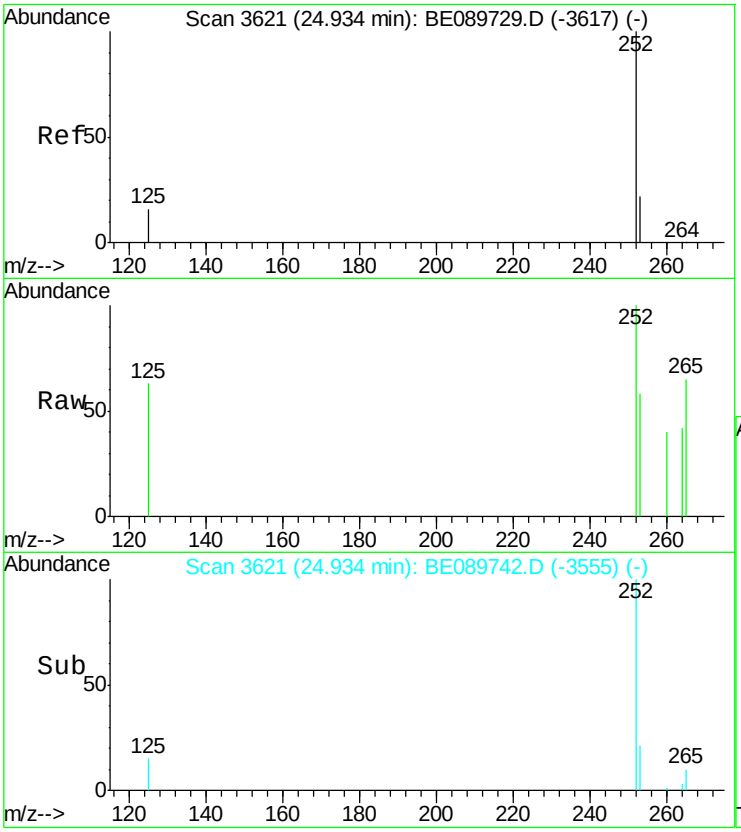


#23
Benzo(b)fluoranthene
Concen: 0.02 ng/ul
RT: 24.91 min Scan# 3615
Delta R.T. 0.00 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:252 Resp: 92

Ion	Ratio	Lower	Upper
252	100		
253	56.9	0.0	47.0#
125	60.2	0.0	37.8#

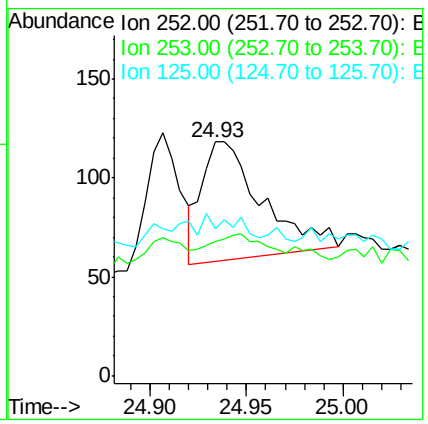


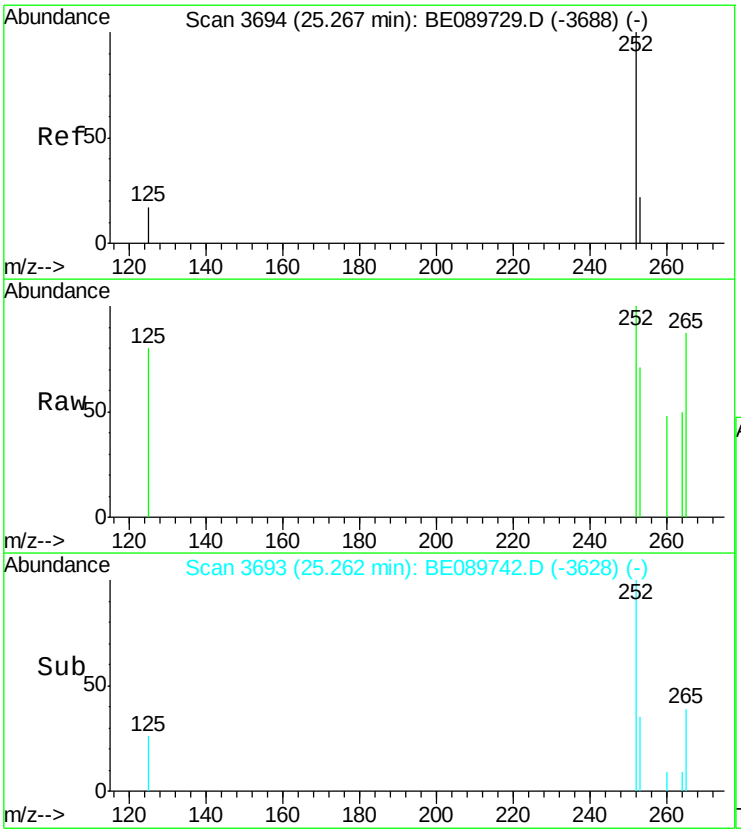


#24
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 24.93 min Scan# 3621
Delta R.T. -0.00 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:252 Resp: 131

Ion	Ratio	Lower	Upper
252	100		
253	57.6	18.2	27.4#
125	62.7	14.6	22.0#

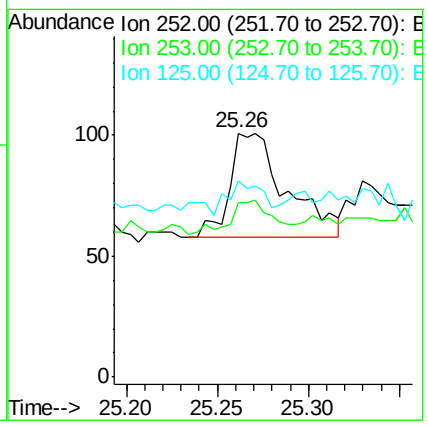


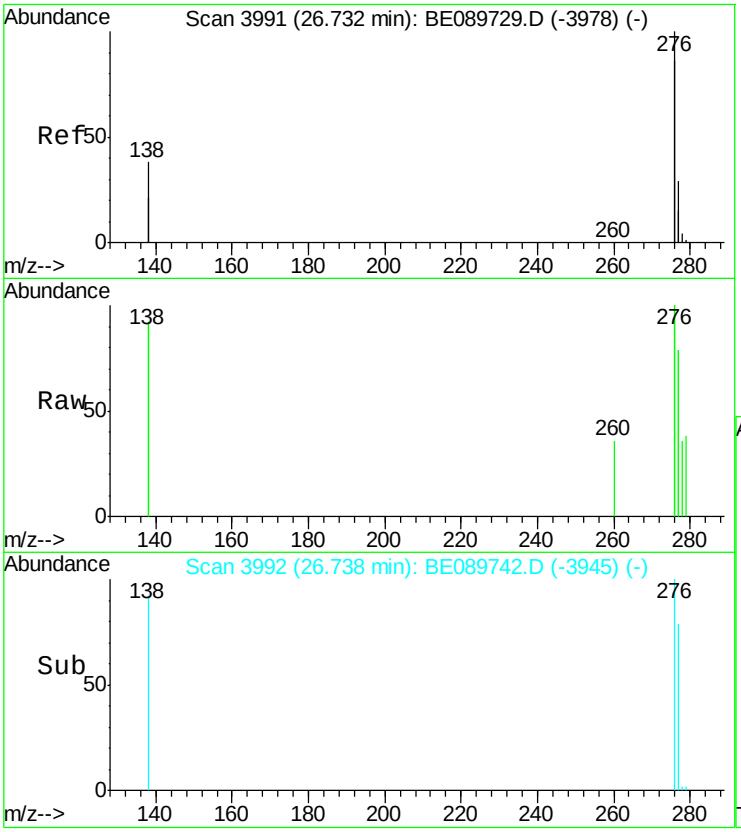


#25
Benzo(a)pyrene
Concen: 0.01 ng/ul
RT: 25.26 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:252 Resp: 93

Ion	Ratio	Lower	Upper
252	100		
253	71.3	19.8	29.6#
125	80.2	16.0	24.0#

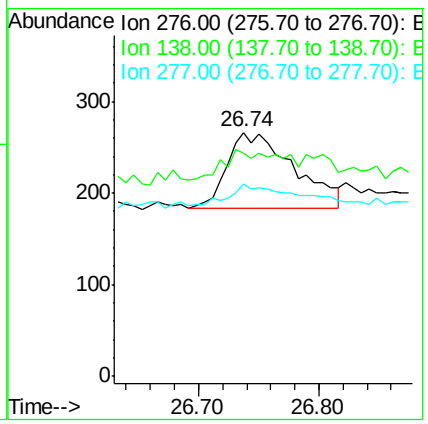


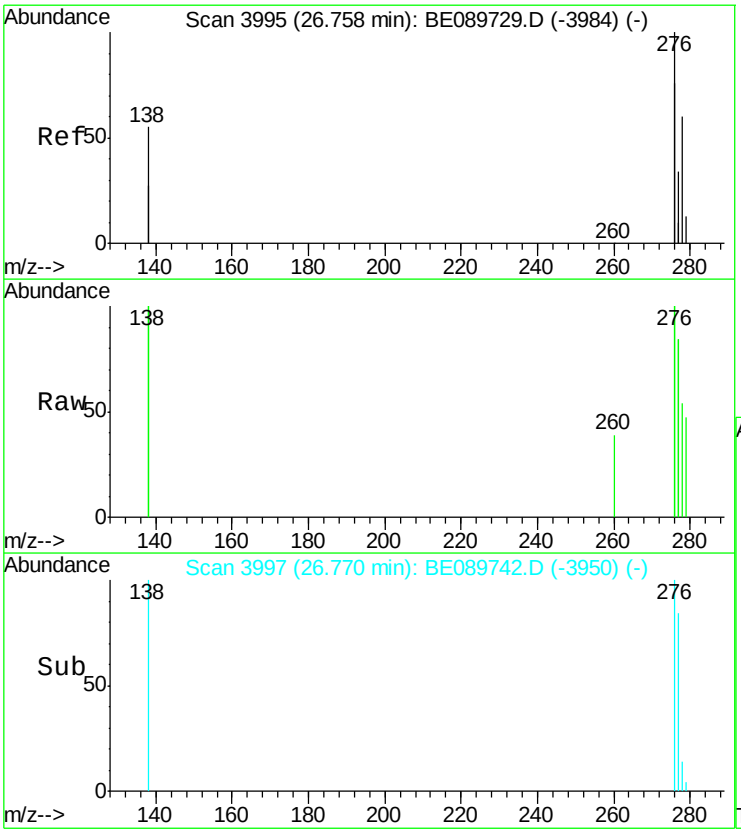


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng/ul
RT: 26.74 min Scan# 3992
Delta R.T. 0.01 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:276 Resp: 313

Ion	Ratio	Lower	Upper
276	100		
138	17.3	36.8	55.2#
277	29.4	20.6	31.0

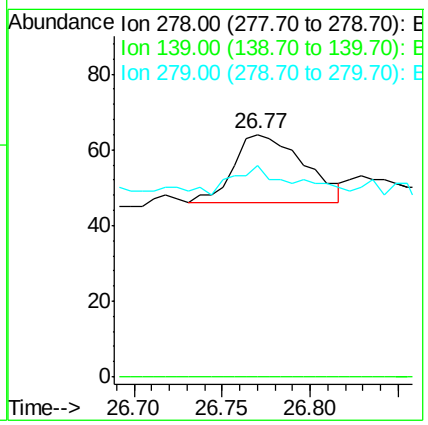


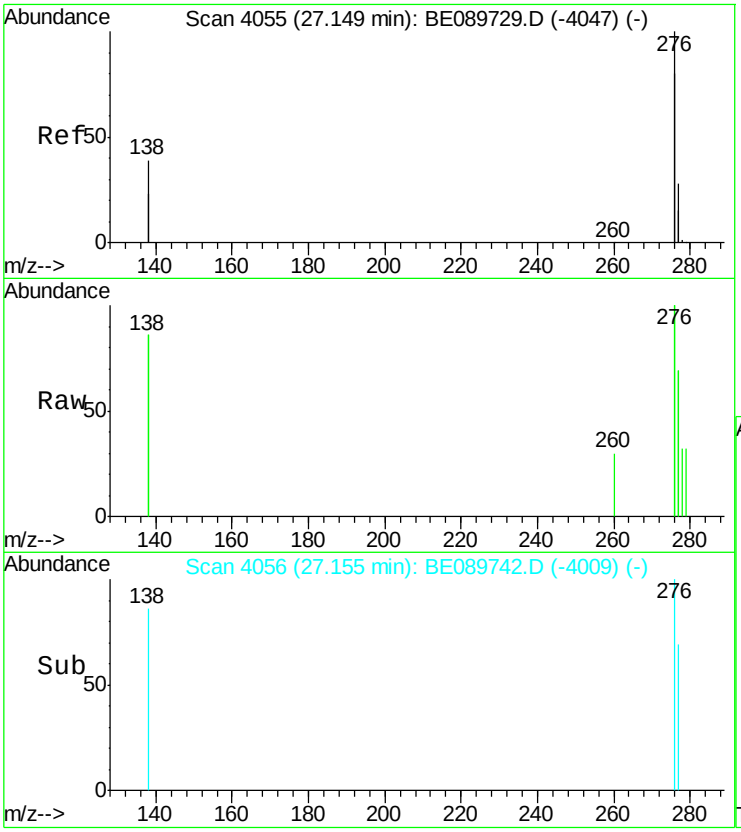


#27
Dibenzo(a,h)anthracene
Concen: 0.01 ng/ul
RT: 26.77 min Scan# 3997
Delta R.T. 0.01 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:278 Resp: 50

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	87.5	25.4	38.2#





#28
Benzo(g,h,i)perylene
Concen: 0.01 ng/ul
RT: 27.15 min Scan# 4056
Delta R.T. 0.01 min
Lab File: BE089742.D
Acq: 5 Mar 2015 13:38

Tgt Ion:276 Resp: 329

Ion	Ratio	Lower	Upper
276	100		
277	69.1	21.4	32.2#
138	85.5	31.4	47.0#