Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
Data File : BE090186.D
Acq On : 20 Jul 2015 21:53
Operator : TP/IZ
Sample : MDL-01-W
Misc : MDL-WATER-SIM2.2-0.07PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 21 05:22:43 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 21 05:15:45 2015
Response via : Initial Calibration

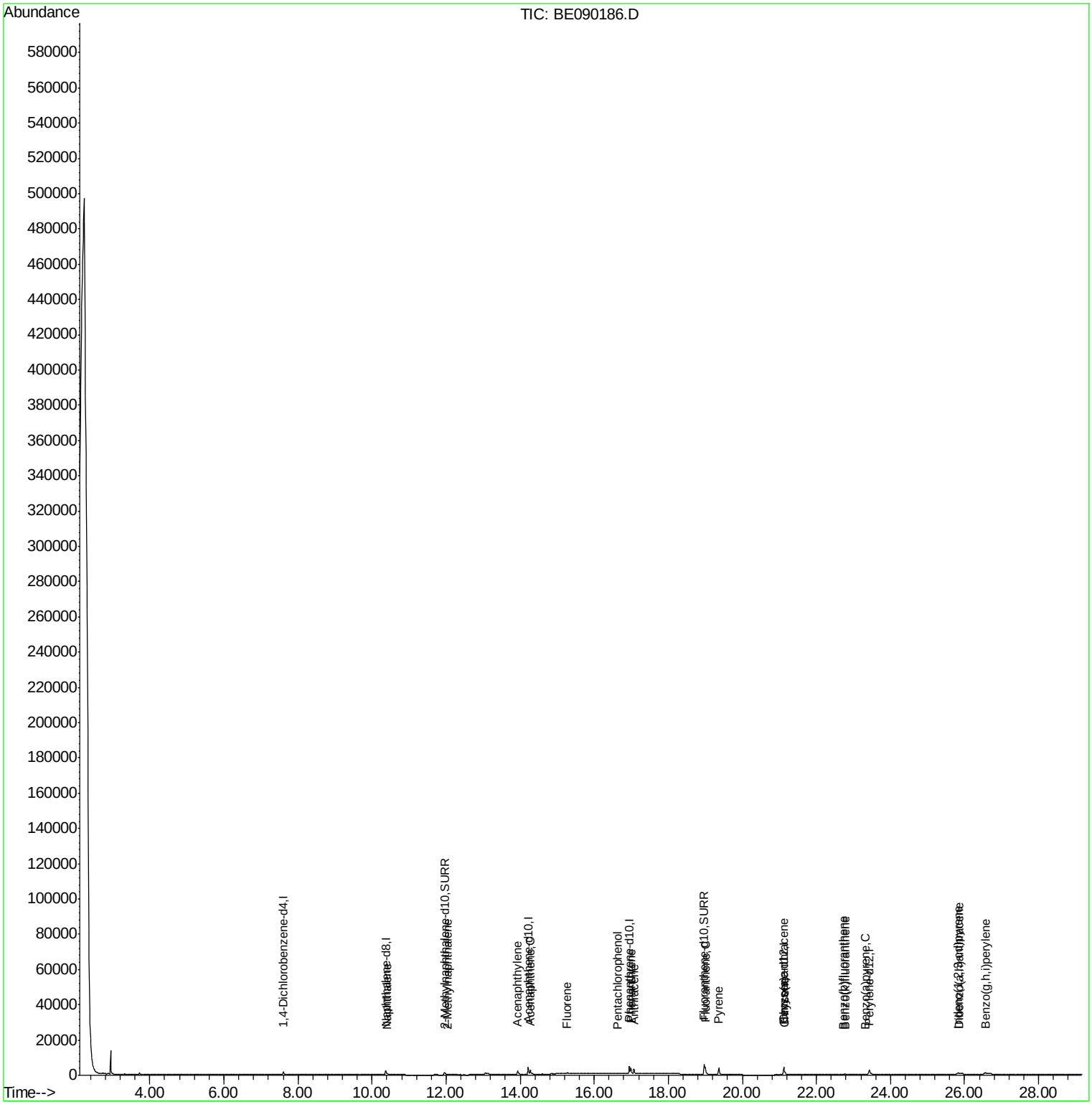
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	892	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	4347	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	2507	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6654	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	6387	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5059	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2641	0.38	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	7704	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	638	0.06	ng/ul#	74
5) 2-Methylnaphthalene	12.03	142	418	0.05	ng/ul	98
7) Acenaphthylene	13.93	152	2848	0.05	ng/ul#	84
8) Acenaphthene	14.27	153	2112	0.06	ng/ul	92
9) Fluorene	15.27	166	627	0.06	ng/ul#	93
11) Pentachlorophenol	16.64	266	6	0.01	ng/ul#	44
12) Phenanthrene	16.99	178	4276	0.06	ng/ul#	88
13) Anthracene	17.07	178	3996	0.05	ng/ul#	86
15) Fluoranthene	19.00	202	5171	0.06	ng/ul	88
17) Pyrene	19.36	202	5128	0.06	ng/ul#	92
18) Benzo(a)anthracene	21.10	228	740	0.04	ng/ul#	85
19) Chrysene	21.15	228	1166	0.06	ng/ul#	90
21) Benzo(b)fluoranthene	22.73	252	541	0.04	ng/ul#	66
22) Benzo(k)fluoranthene	22.77	252	872	0.05	ng/ul#	64
23) Benzo(a)pyrene	23.32	252	589	0.04	ng/ul#	55
24) Indeno(1,2,3-cd)pyrene	25.82	276	2317	0.03	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.85	278	344	0.03	ng/ul#	39
26) Benzo(g,h,i)perylene	26.56	276	2764	0.05	ng/ul#	62

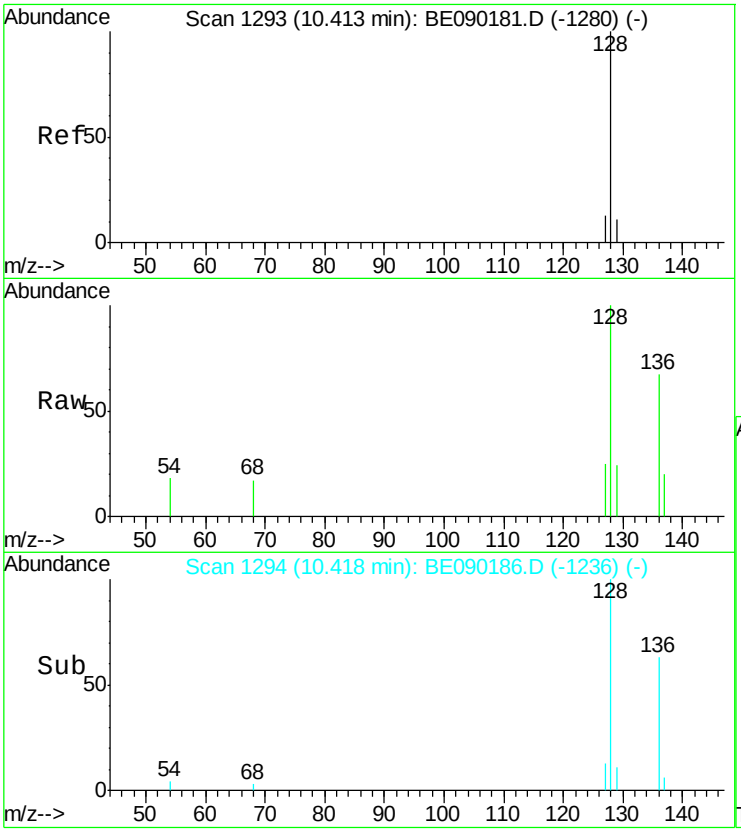
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
Data File : BE090186.D
Acq On : 20 Jul 2015 21:53
Operator : TP/IZ
Sample : MDL-01-W
Misc : MDL-WATER-SIM2.2-0.07PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 21 05:22:43 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 21 05:15:45 2015
Response via : Initial Calibration

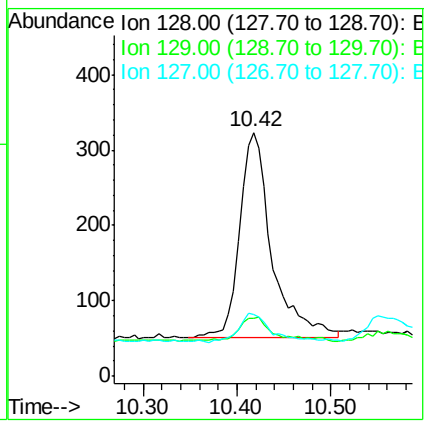


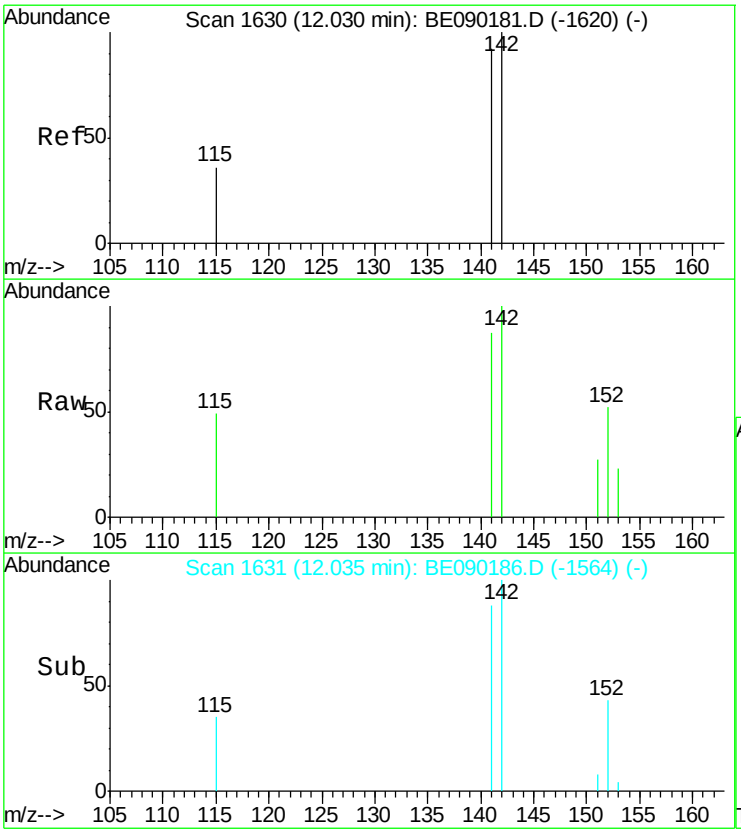


#3
Naphthalene
Concen: 0.06 ng/ul
RT: 10.42 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:128 Resp: 638

Ion	Ratio	Lower	Upper
128	100		
129	23.5	10.2	15.4#
127	25.4	11.9	17.9#

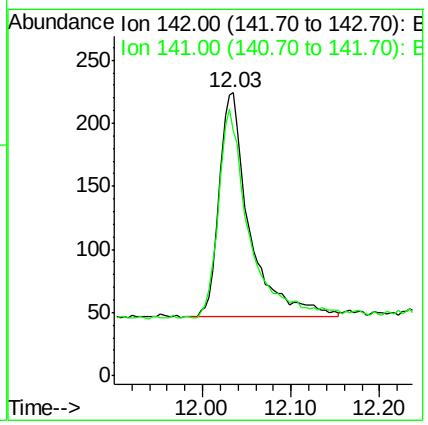


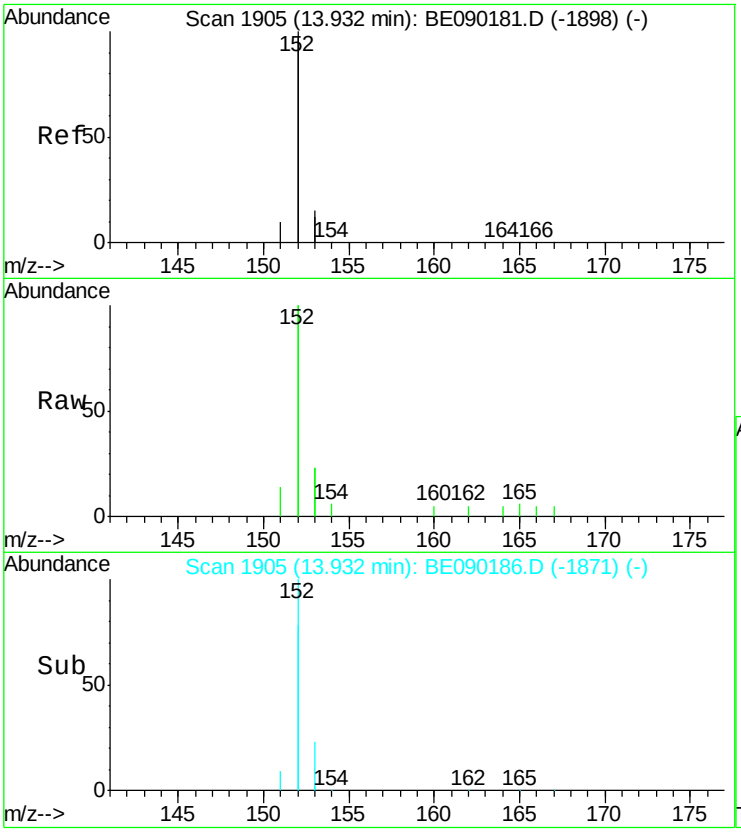


#5
2-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.03 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:142 Resp: 418

Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.4	110.2

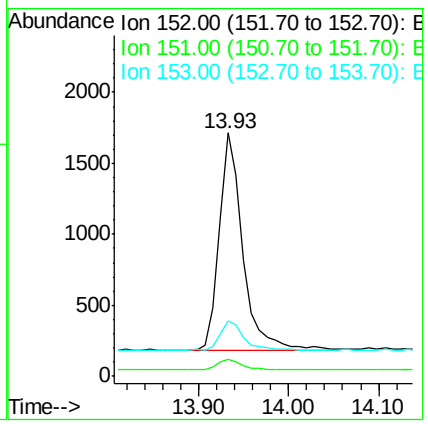


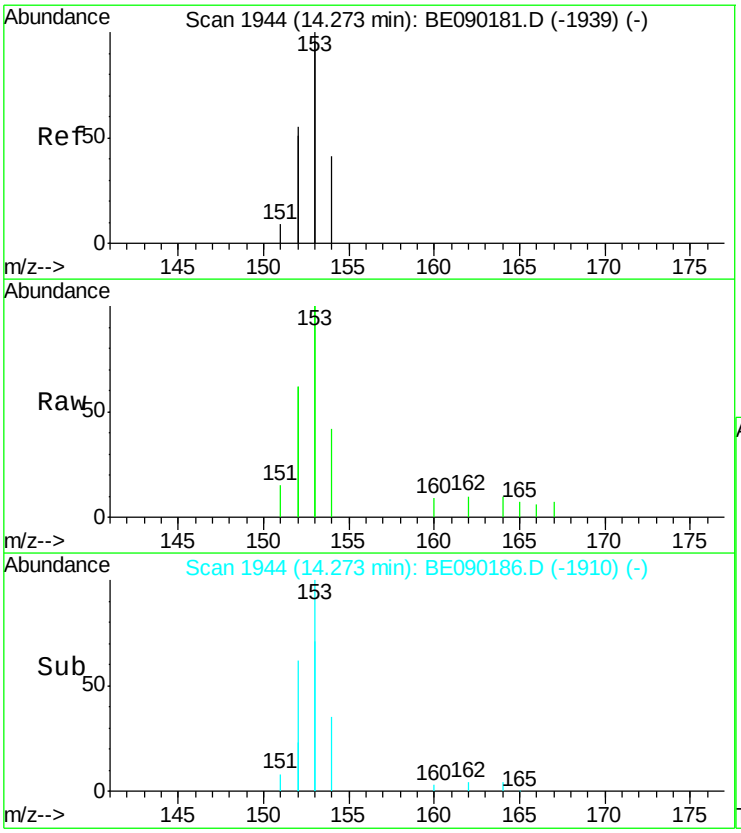


#7
Acenaphthylene
Concen: 0.05 ng/ul
RT: 13.93 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:152 Resp: 2848

Ion	Ratio	Lower	Upper
152	100		
151	7.1	4.2	6.4#
153	23.0	11.9	17.9#

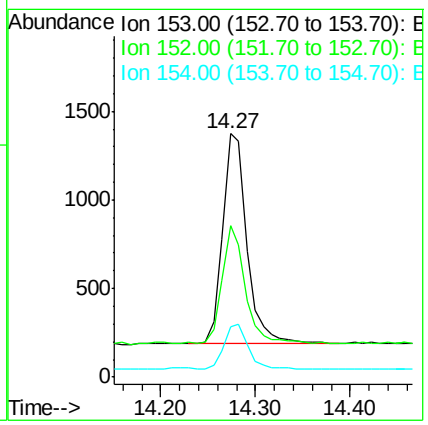


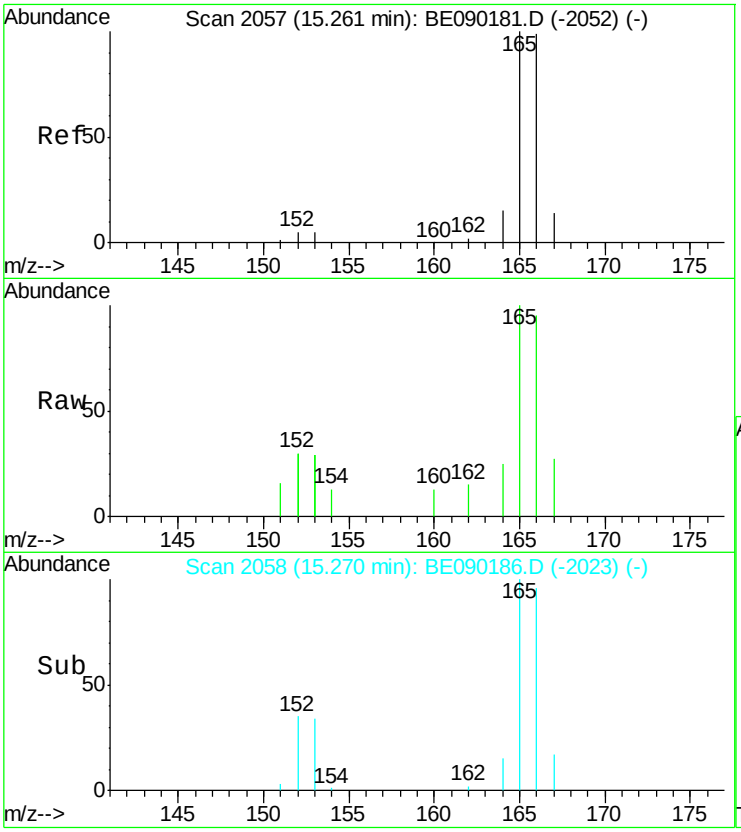


#8
Acenaphthene
Concen: 0.06 ng/ul
RT: 14.27 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:153 Resp: 2112

Ion	Ratio	Lower	Upper
153	100		
152	62.3	43.8	65.8
154	20.9	16.8	25.2

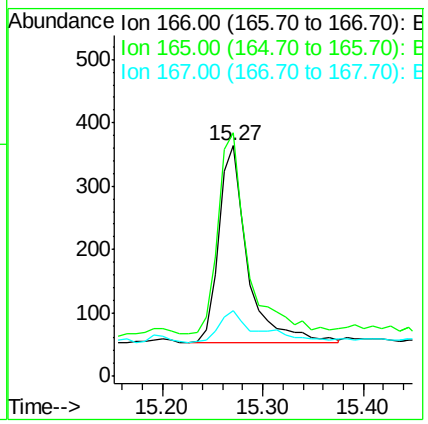


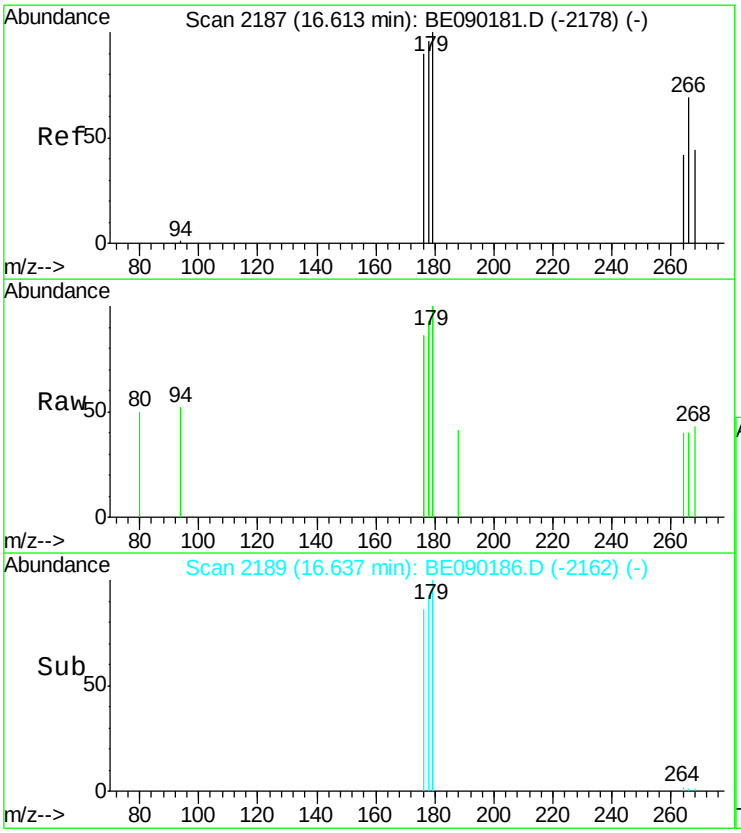


#9
Fluorene
Concen: 0.06 ng/ul
RT: 15.27 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:166 Resp: 627

Ion	Ratio	Lower	Upper
166	100		
165	105.5	81.2	121.8
167	28.6	12.6	19.0#

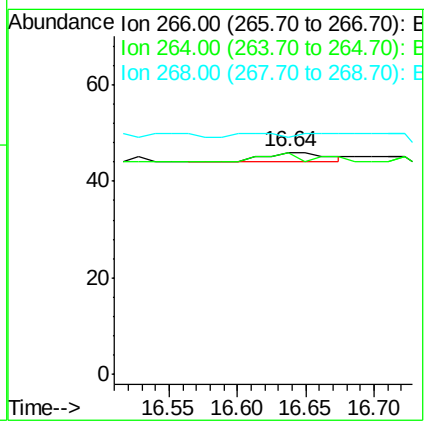


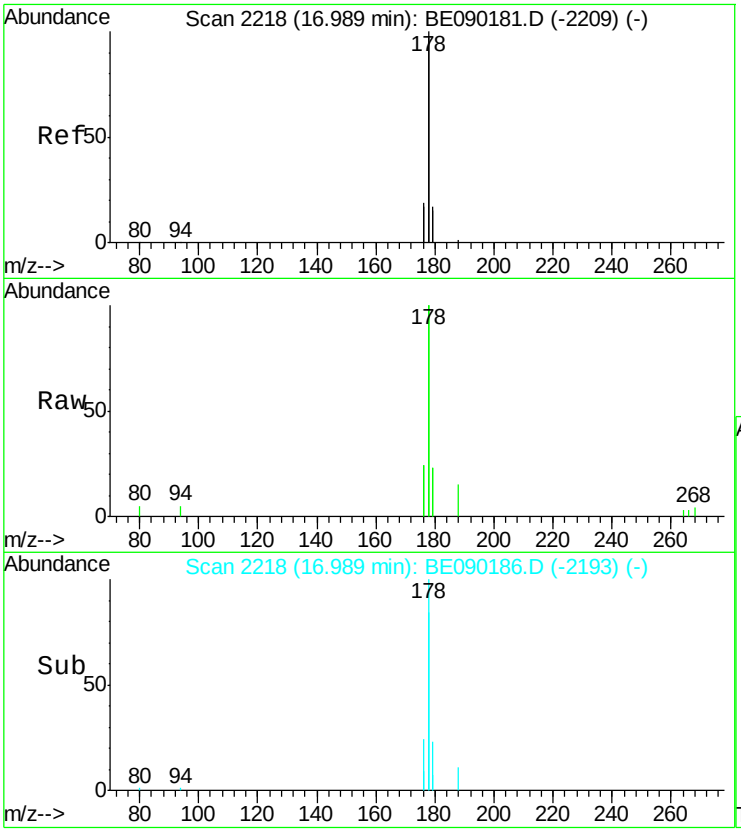


#11
Pentachlorophenol
Concen: 0.01 ng/ul
RT: 16.64 min Scan# 2189
Delta R.T. 0.02 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.7	71.5#
268	83.3	47.0	70.6#

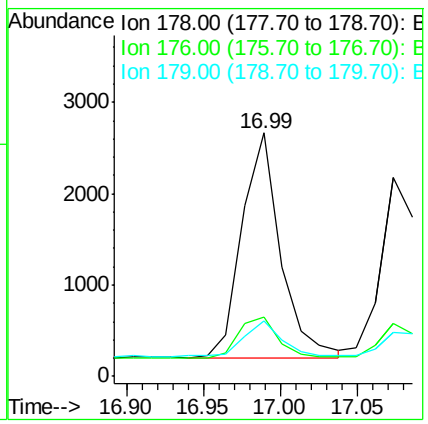


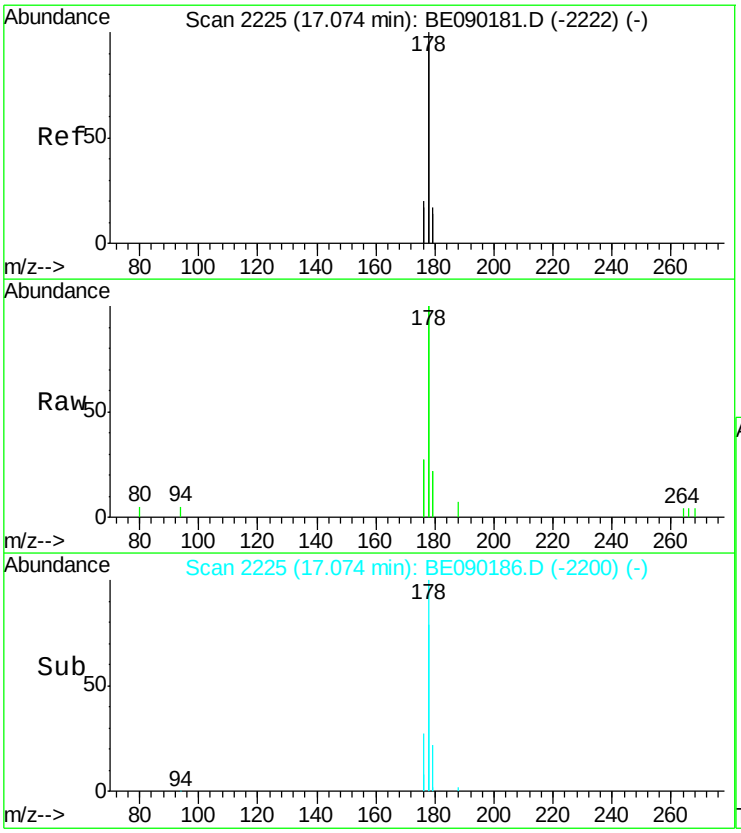


#12
Phenanthrene
Concen: 0.06 ng/ul
RT: 16.99 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:178 Resp: 4276

Ion	Ratio	Lower	Upper
178	100		
176	24.3	15.3	22.9#
179	23.0	14.0	21.0#

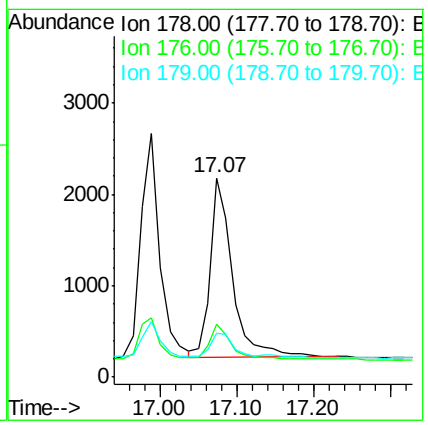


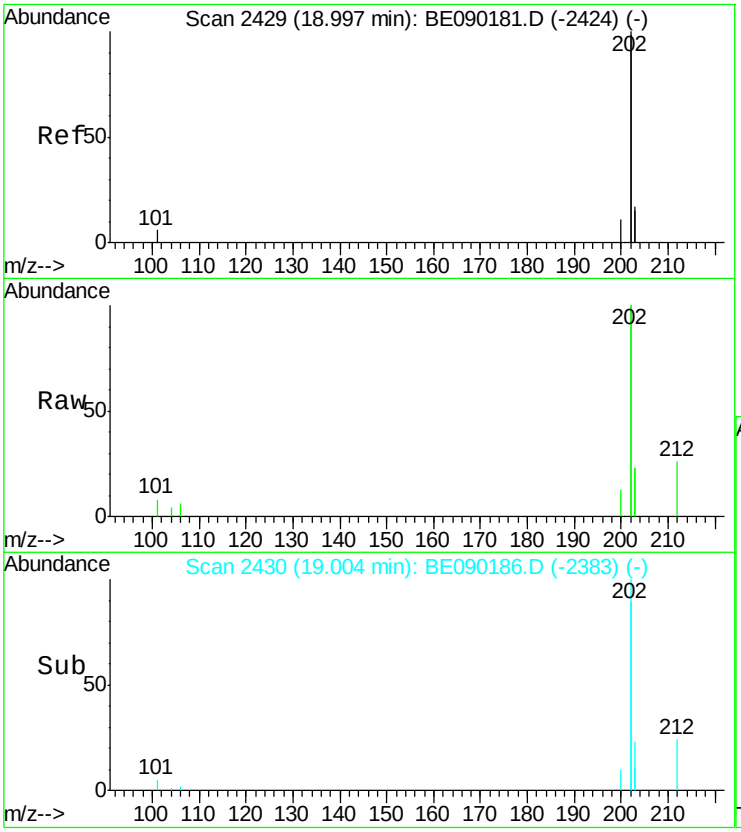


#13
Anthracene
Concen: 0.05 ng/ul
RT: 17.07 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:178 Resp: 3996

Ion	Ratio	Lower	Upper
178	100		
176	26.9	16.0	24.0#
179	21.9	13.4	20.0#

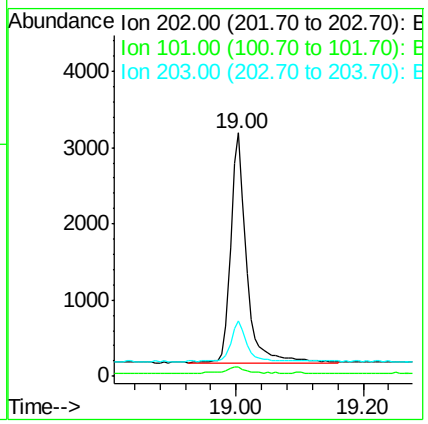


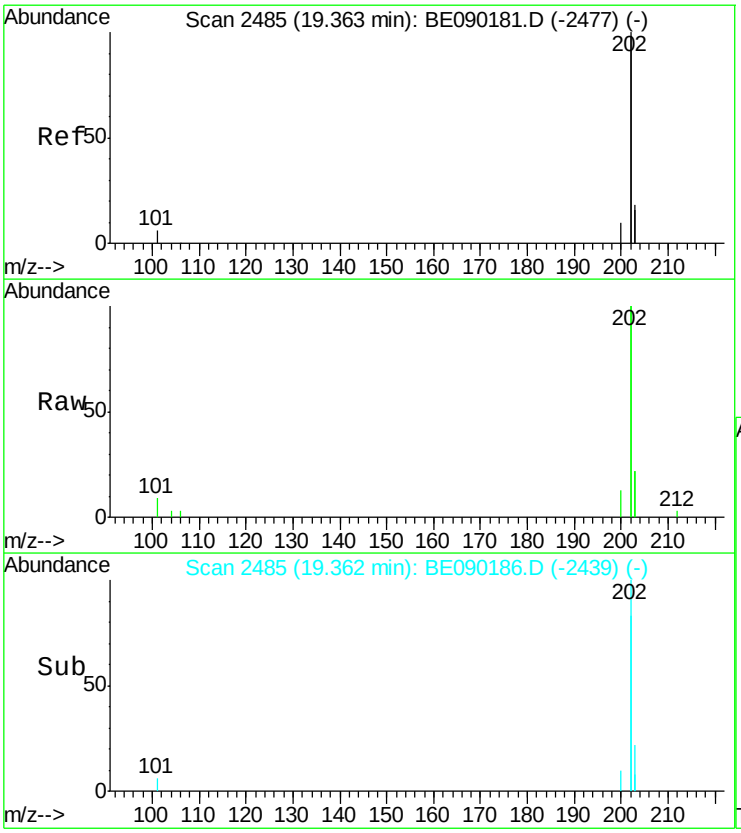


#15
Fluoranthene
Concen: 0.06 ng/ul
RT: 19.00 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:202 Resp: 5171

Ion	Ratio	Lower	Upper
202	100		
101	3.8	0.0	23.0
203	23.0	0.0	37.0

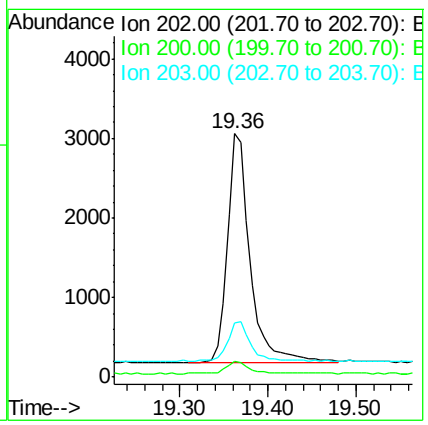


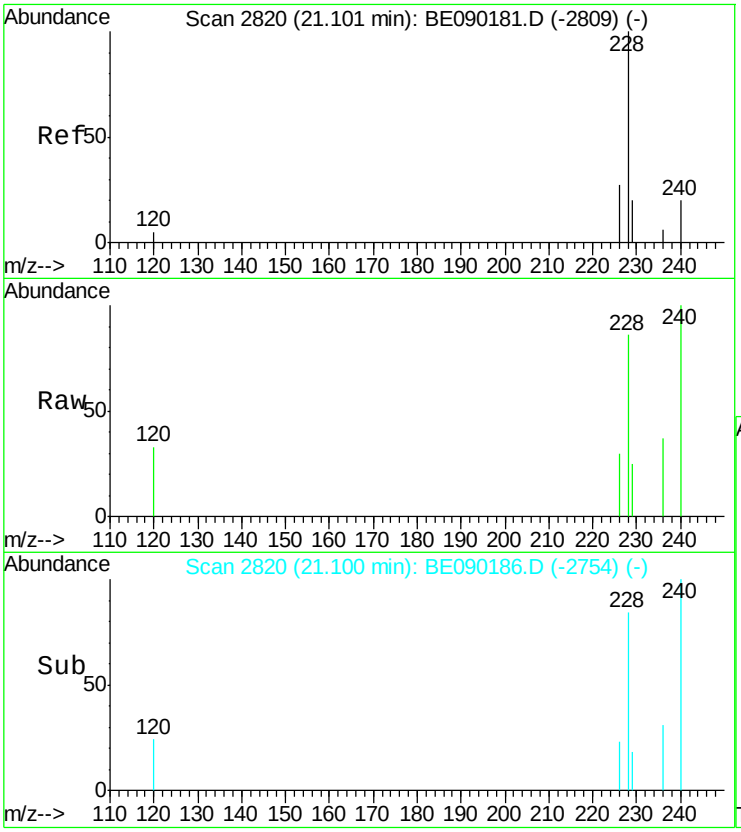


#17
Pyrene
Concen: 0.06 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:202 Resp: 5128

Ion	Ratio	Lower	Upper
202	100		
200	6.6	4.3	6.5#
203	22.2	14.6	21.8#

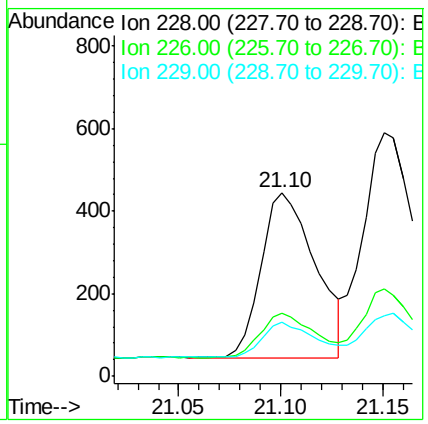


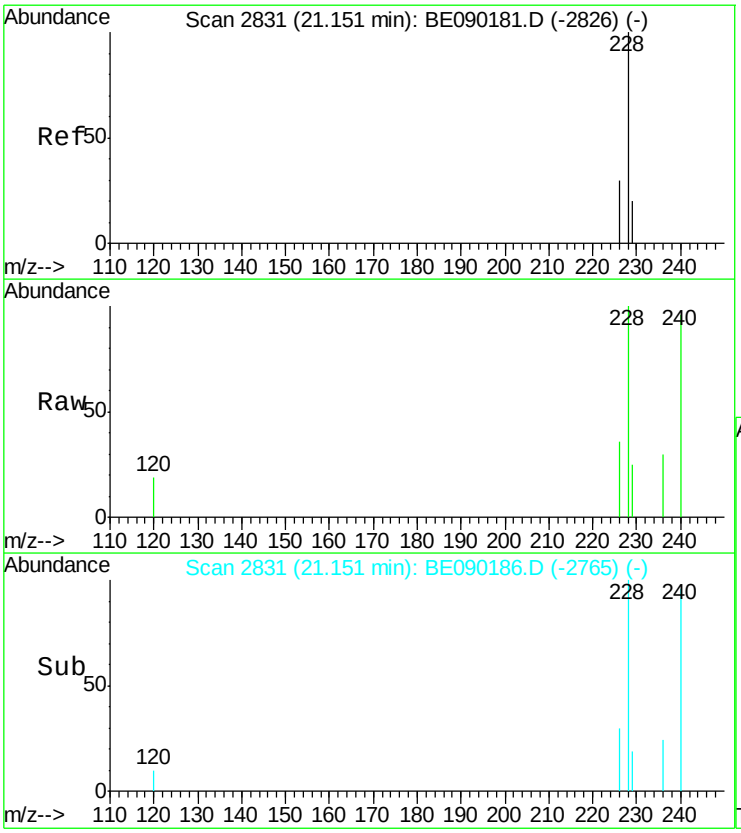


#18
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.10 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:228 Resp: 740

Ion	Ratio	Lower	Upper
228	100		
226	34.6	22.2	33.4#
229	29.7	16.9	25.3#

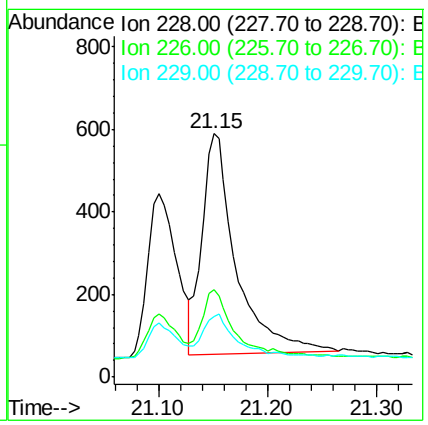


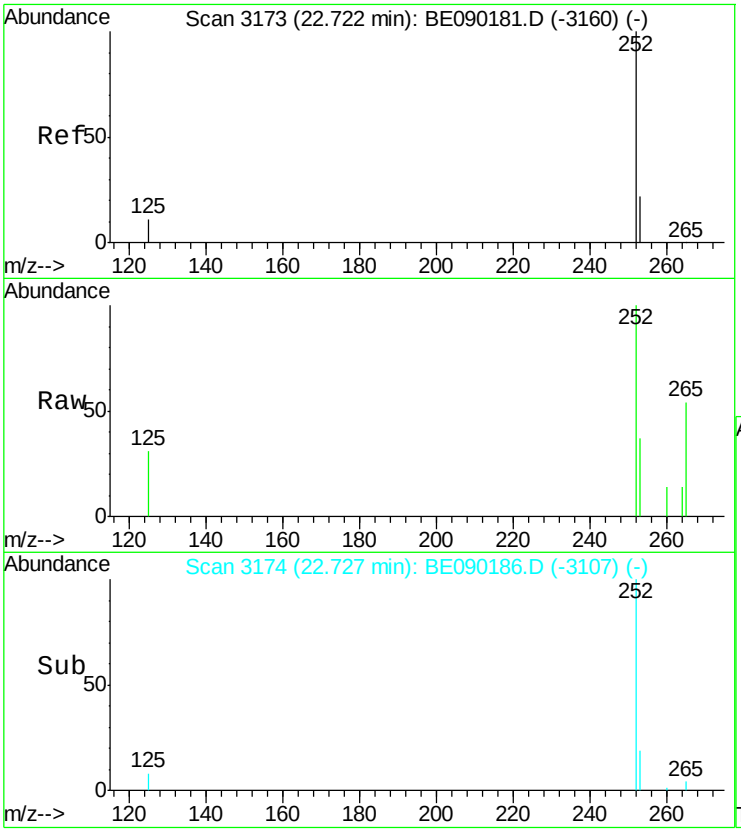


#19
Chrysene
Concen: 0.06 ng/ul
RT: 21.15 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:228 Resp: 1166

Ion	Ratio	Lower	Upper
228	100		
226	35.8	24.3	36.5
229	25.1	16.6	24.8#

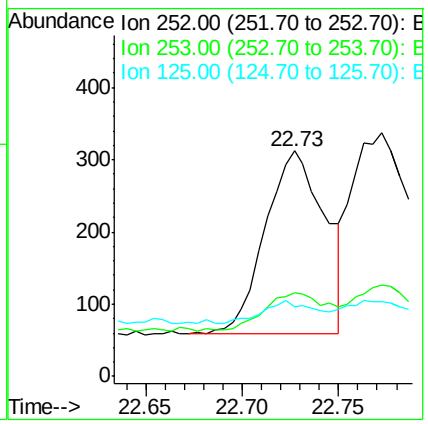


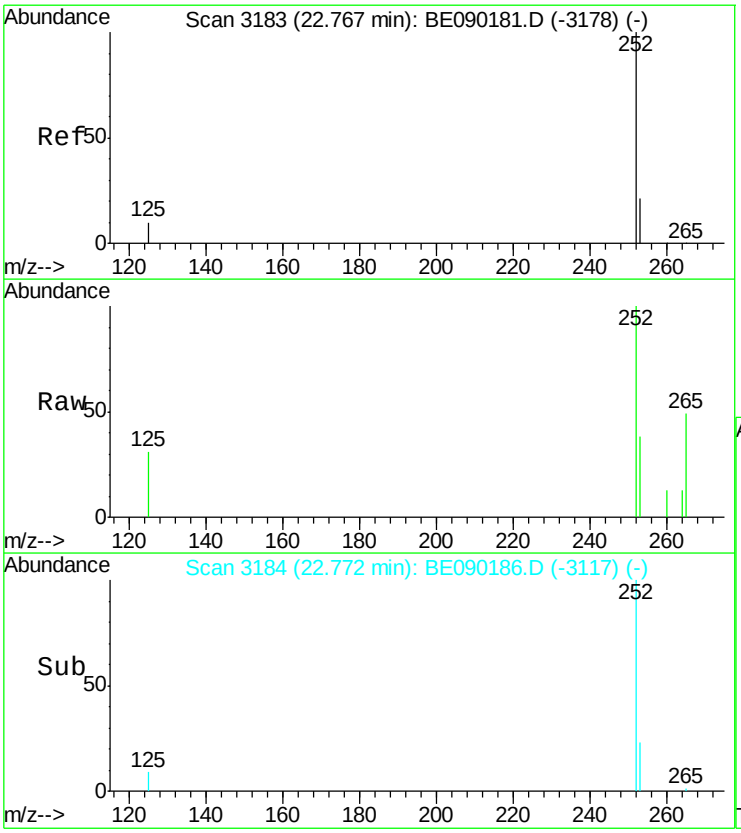


#21
Benzo(b)fluoranthene
Concen: 0.04 ng/ul
RT: 22.73 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:252 Resp: 541

Ion	Ratio	Lower	Upper
252	100		
253	36.9	0.0	46.8
125	30.8	0.0	25.4#

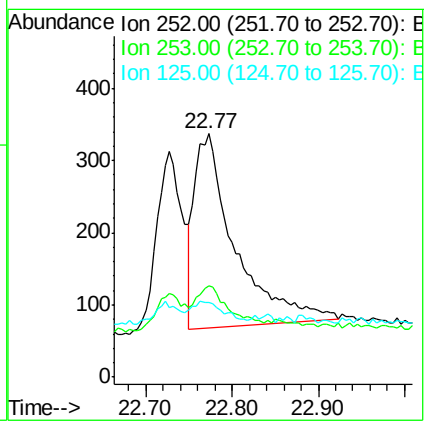


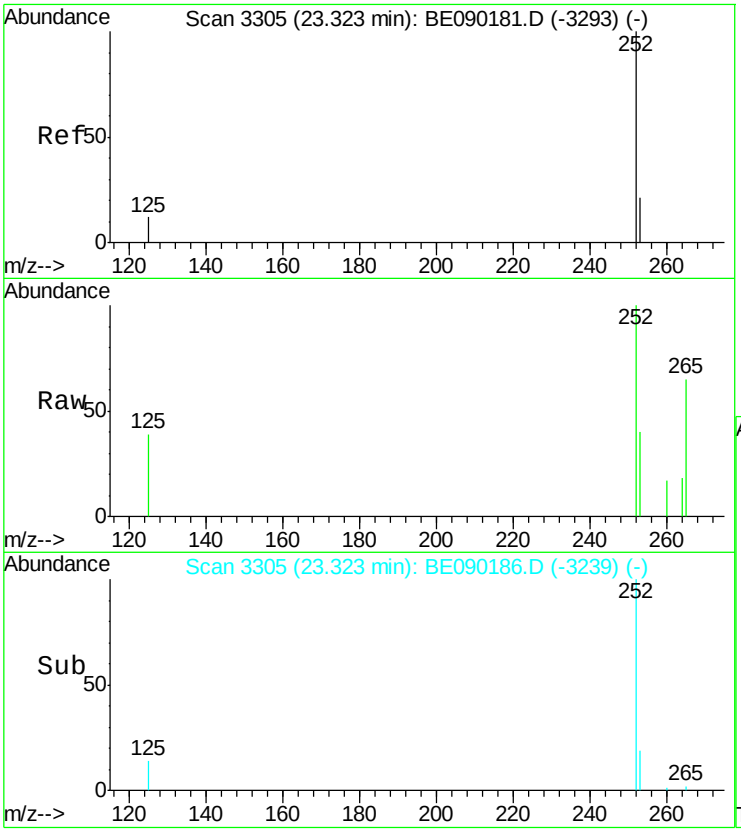


#22
Benzo(k)fluoranthene
Concen: 0.05 ng/ul
RT: 22.77 min Scan# 3184
Delta R.T. 0.01 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:252 Resp: 872

Ion	Ratio	Lower	Upper
252	100		
253	37.7	18.3	27.5#
125	30.6	9.8	14.8#

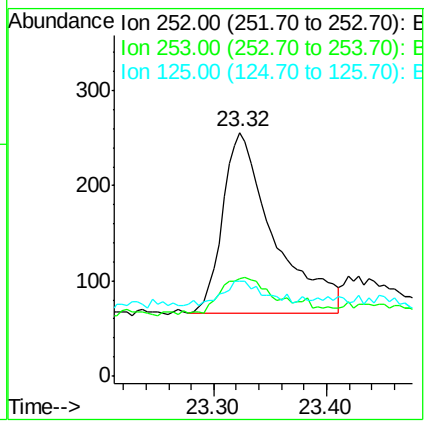


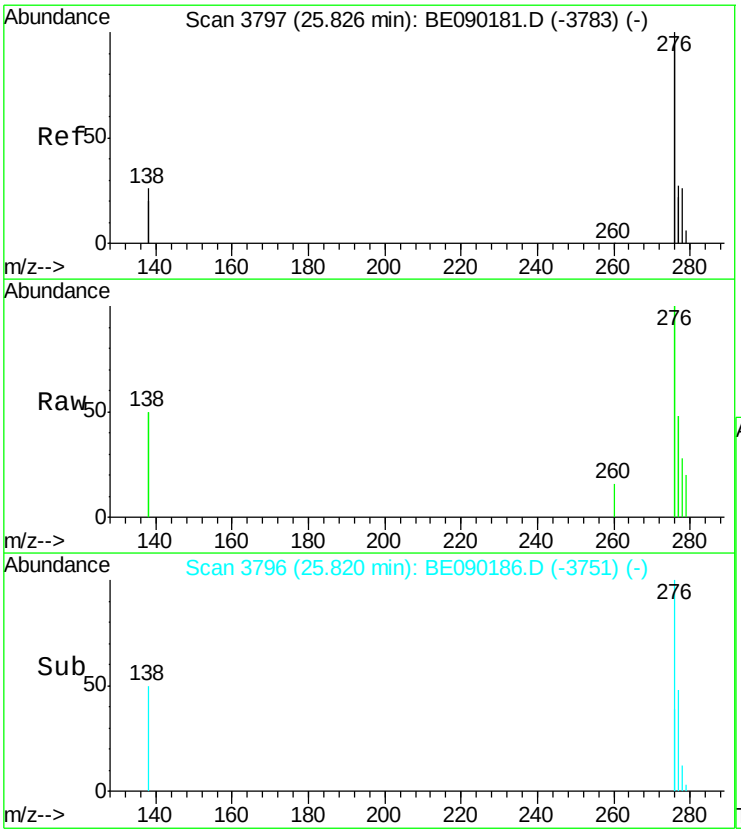


#23
Benzo(a)pyrene
Concen: 0.04 ng/ul
RT: 23.32 min Scan# 3305
Delta R.T. 0.00 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:252 Resp: 589

Ion	Ratio	Lower	Upper
252	100		
253	40.2	18.4	27.6#
125	39.1	11.5	17.3#

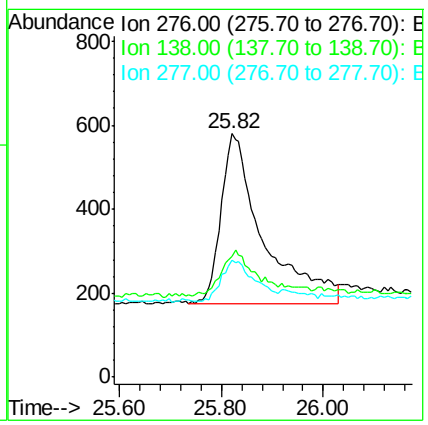


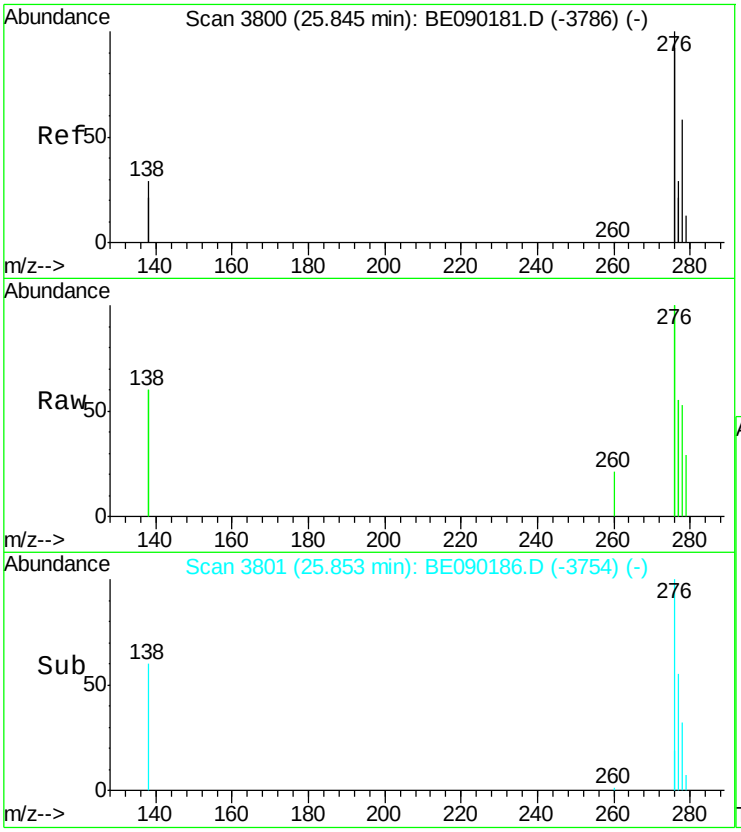


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng/ul
RT: 25.82 min Scan# 3796
Delta R.T. -0.01 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:276 Resp: 2317

Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.8	29.8
277	18.8	19.8	29.6#

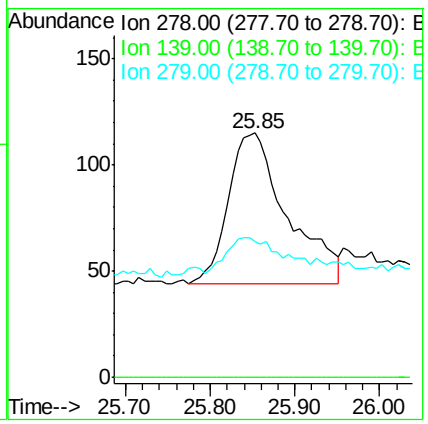


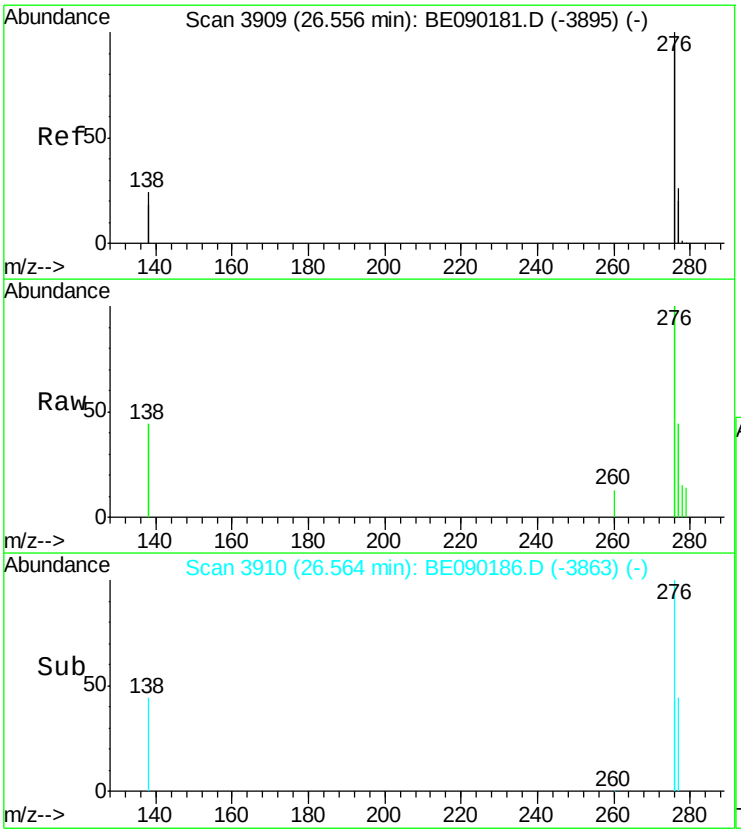


#25
Dibenzo(a,h)anthracene
Concen: 0.03 ng/ul
RT: 25.85 min Scan# 3801
Delta R.T. 0.01 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:278 Resp: 344

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	55.7	20.0	30.0#





#26
Benzo(g,h,i)perylene
Concen: 0.05 ng/ul
RT: 26.56 min Scan# 3910
Delta R.T. 0.01 min
Lab File: BE090186.D
Acq: 20 Jul 2015 21:53

Tgt Ion:276 Resp: 2764

Ion	Ratio	Lower	Upper
276	100		
277	44.2	20.6	31.0#
138	43.9	19.3	28.9#