Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
Data File : BE090189.D
Acq On : 20 Jul 2015 23:43
Operator : TP/IZ
Sample : MDL-04-W
Misc : MDL-WATER-SIM2.2-0.07PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 21 05:23:05 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

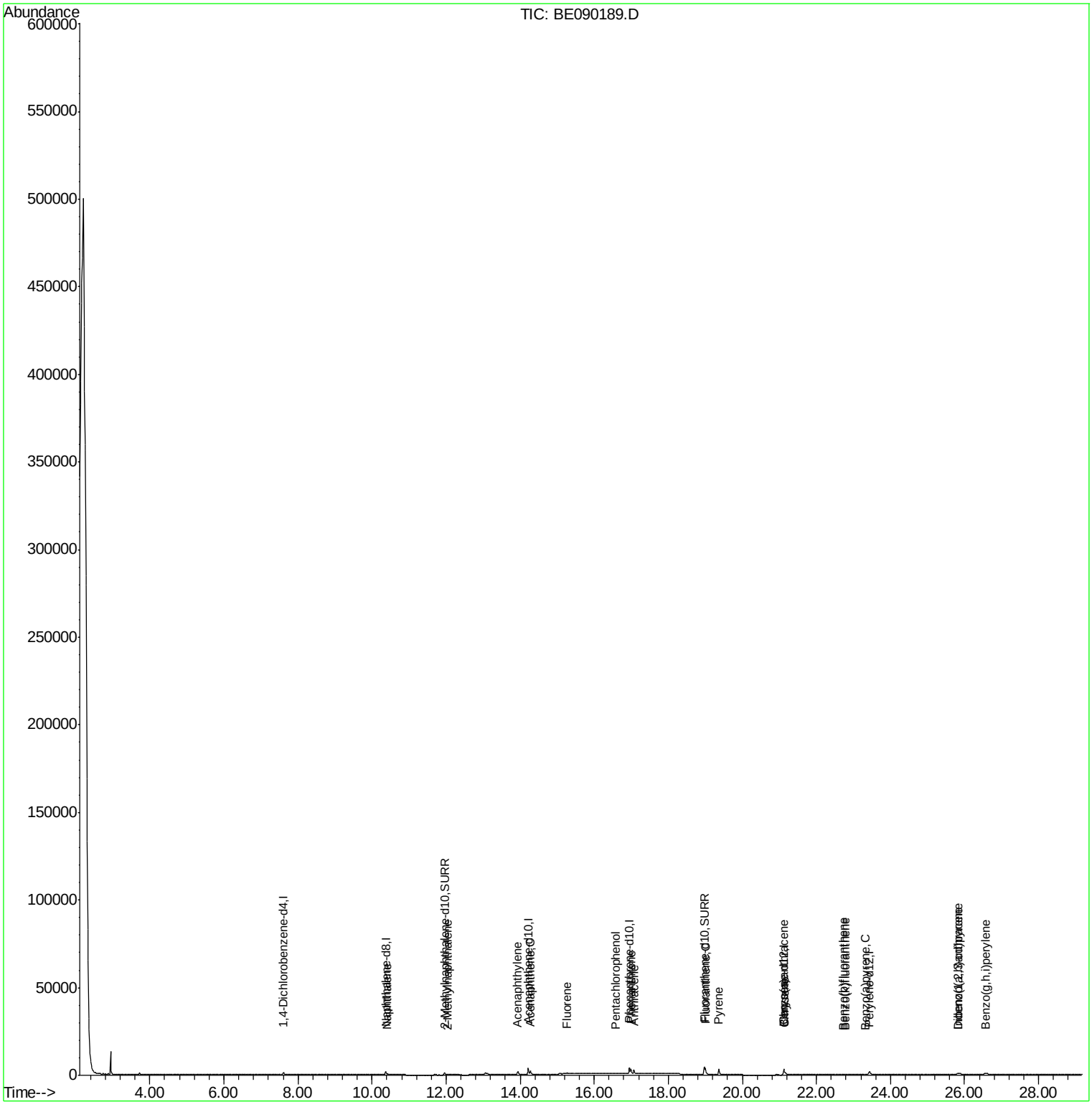
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	809	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3923	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	2279	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	6079	0.40	ng/ul	0.01
16) Chrysene-d12	21.12	240	5452	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	4080	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2234	0.36	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	6441	0.35	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	518	0.05	ng/ul#	70
5) 2-Methylnaphthalene	12.04	142	335	0.05	ng/ul	90
7) Acenaphthylene	13.93	152	2496	0.05	ng/ul#	82
8) Acenaphthene	14.27	153	1755	0.05	ng/ul	94
9) Fluorene	15.27	166	526	0.05	ng/ul#	88
11) Pentachlorophenol	16.59	266	1	0.00	ng/ul#	21
12) Phenanthrene	16.99	178	3469	0.05	ng/ul#	85
13) Anthracene	17.07	178	3509	0.05	ng/ul#	81
15) Fluoranthene	19.00	202	4113	0.05	ng/ul	85
17) Pyrene	19.36	202	4172	0.06	ng/ul#	89
18) Benzo(a)anthracene	21.10	228	502	0.04	ng/ul#	76
19) Chrysene	21.15	228	967	0.06	ng/ul#	86
21) Benzo(b)fluoranthene	22.72	252	319	0.03	ng/ul#	42
22) Benzo(k)fluoranthene	22.77	252	456	0.03	ng/ul#	43
23) Benzo(a)pyrene	23.33	252	366	0.03	ng/ul#	38
24) Indeno(1,2,3-cd)pyrene	25.83	276	1404	0.03	ng/ul#	81
25) Dibenzo(a,h)anthracene	25.85	278	171	0.02	ng/ul#	14
26) Benzo(g,h,i)perylene	26.56	276	1854	0.04	ng/ul#	46

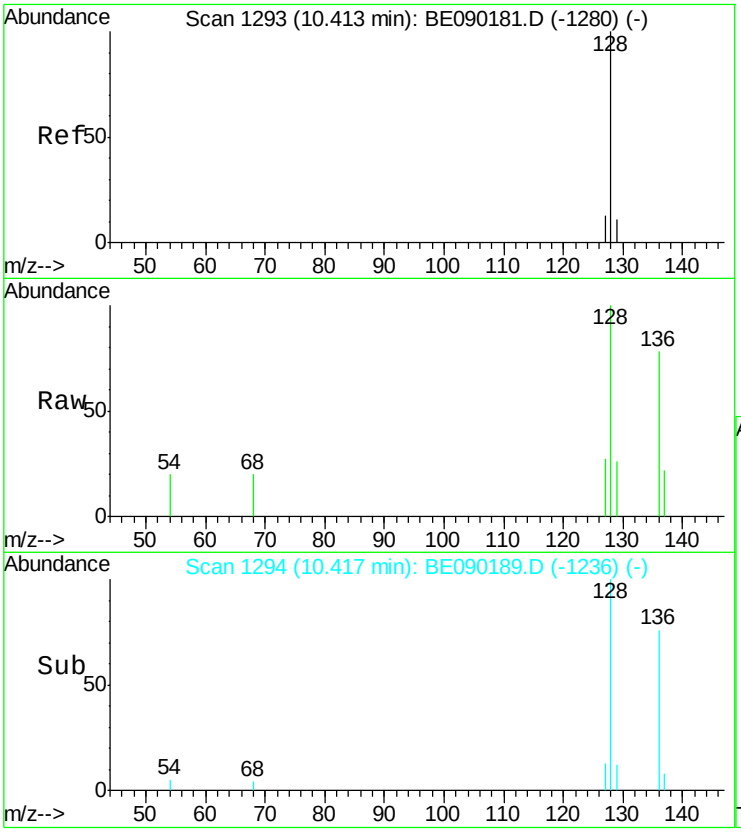
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
Data File : BE090189.D
Acq On : 20 Jul 2015 23:43
Operator : TP/IZ
Sample : MDL-04-W
Misc : MDL-WATER-SIM2.2-0.07PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 21 05:23:05 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

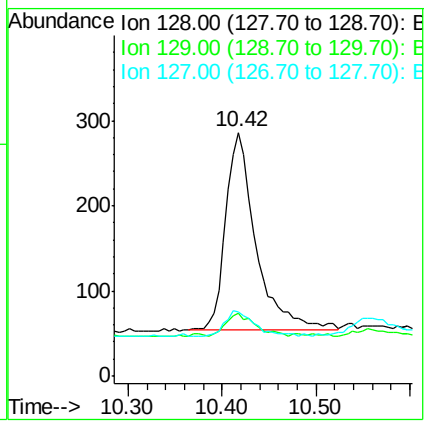


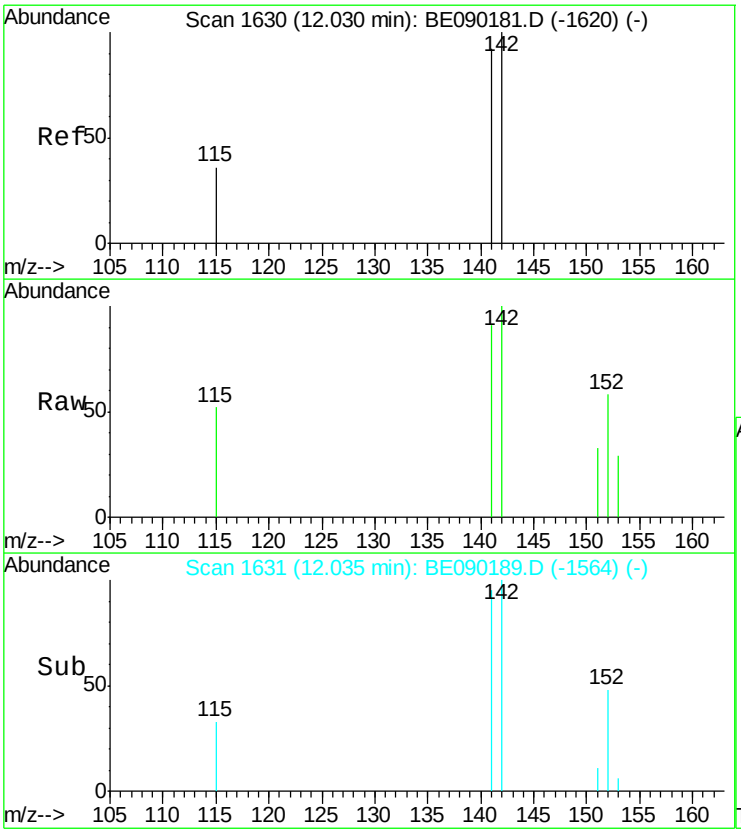


#3
Naphthalene
Concen: 0.05 ng/ul
RT: 10.42 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:128 Resp: 518

Ion	Ratio	Lower	Upper
128	100		
129	25.9	10.2	15.4#
127	26.6	11.9	17.9#

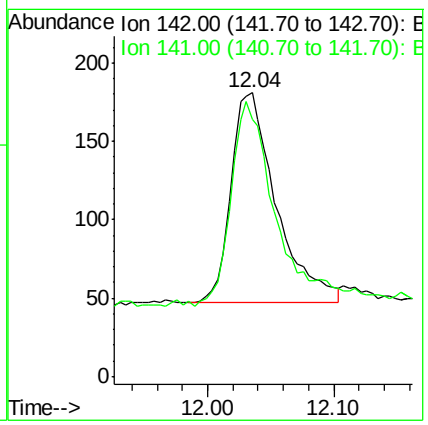


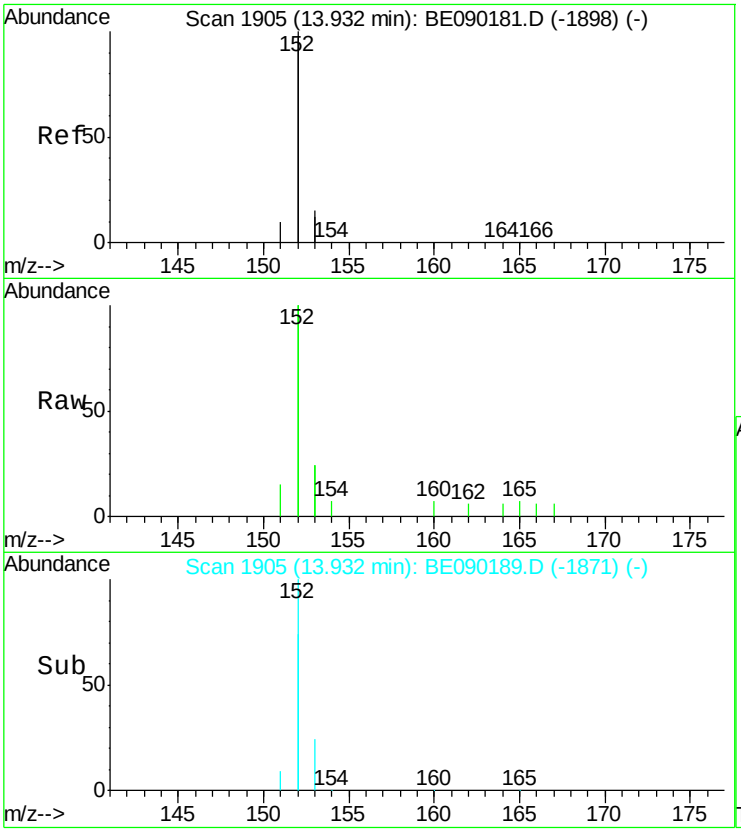


#5
2-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.04 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:142 Resp: 335

Ion	Ratio	Lower	Upper
142	100		
141	100.9	73.4	110.2

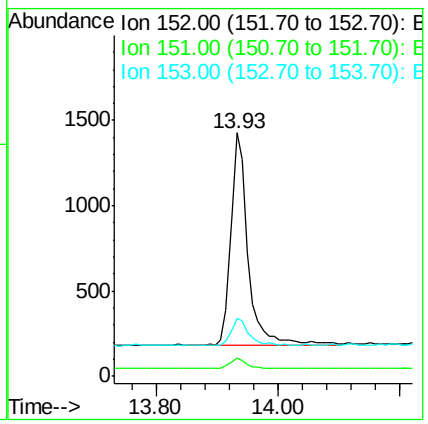


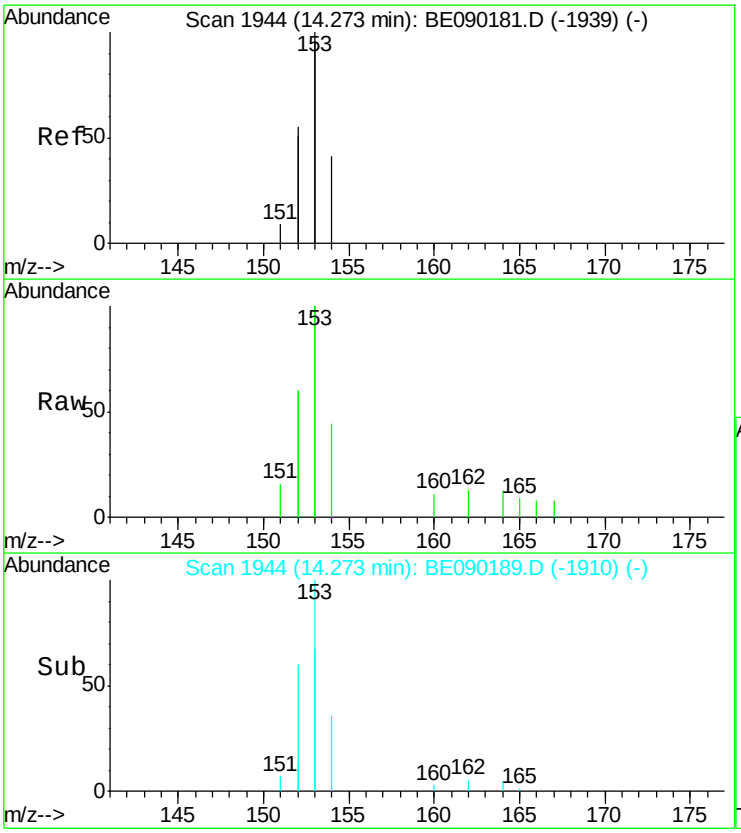


#7
Acenaphthylene
Concen: 0.05 ng/ul
RT: 13.93 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:152 Resp: 2496

Ion	Ratio	Lower	Upper
152	100		
151	7.6	4.2	6.4#
153	23.8	11.9	17.9#

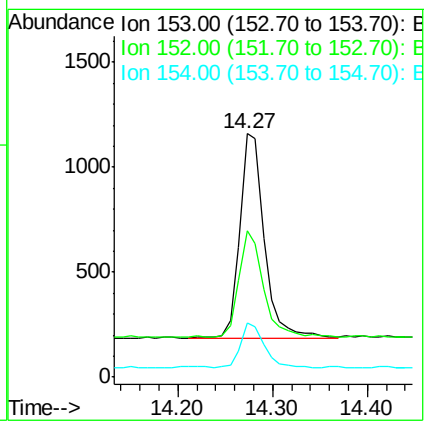


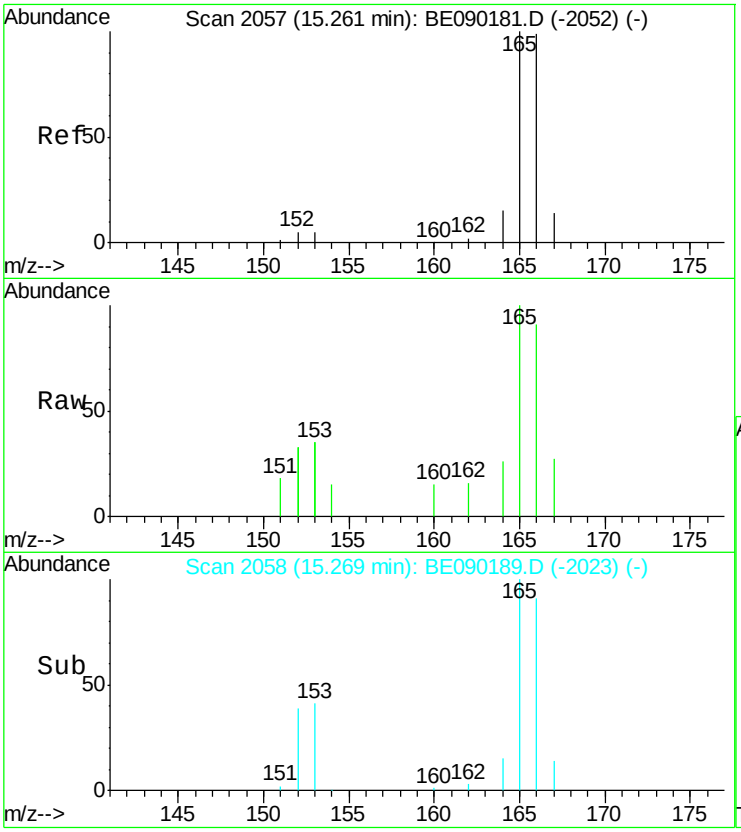


#8
Acenaphthene
Concen: 0.05 ng/ul
RT: 14.27 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:153 Resp: 1755

Ion	Ratio	Lower	Upper
153	100		
152	60.2	43.8	65.8
154	22.1	16.8	25.2

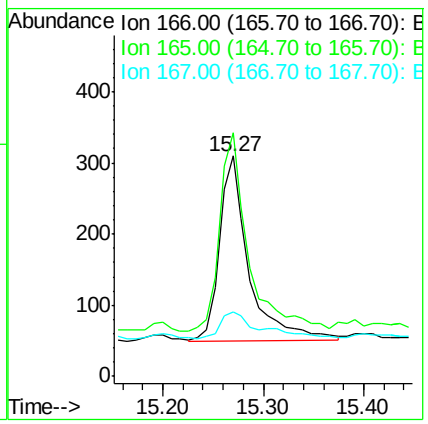


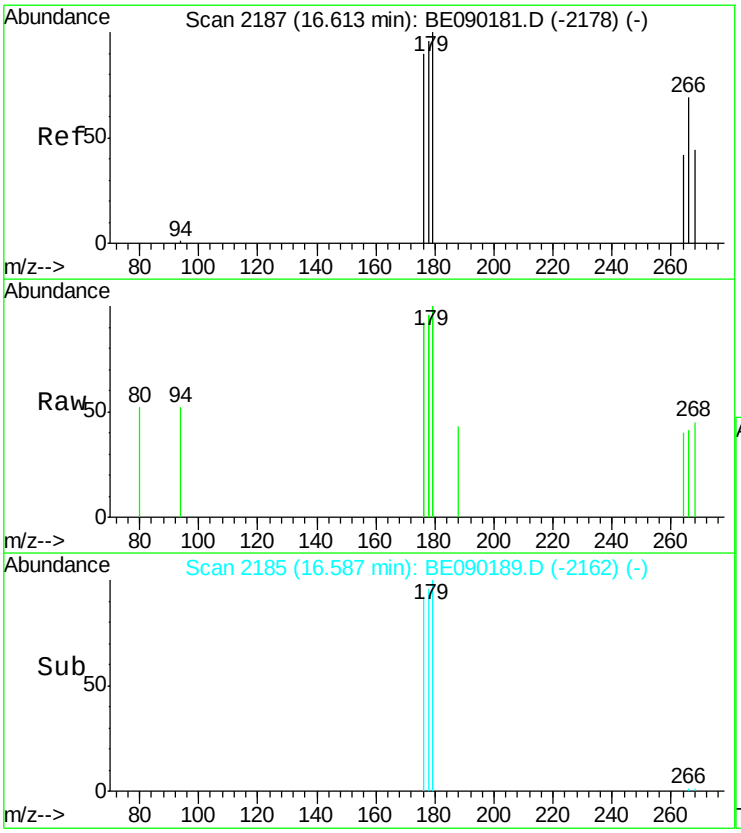


#9
Fluorene
Concen: 0.05 ng/ul
RT: 15.27 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:166 Resp: 526

Ion	Ratio	Lower	Upper
166	100		
165	110.3	81.2	121.8
167	29.4	12.6	19.0#

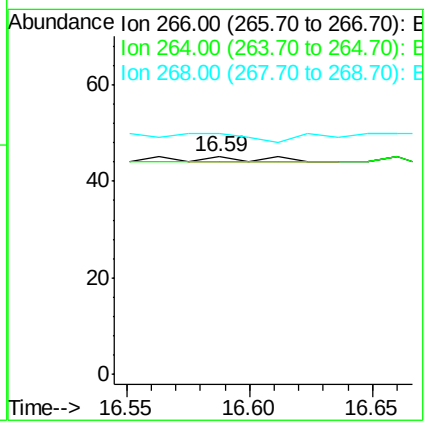


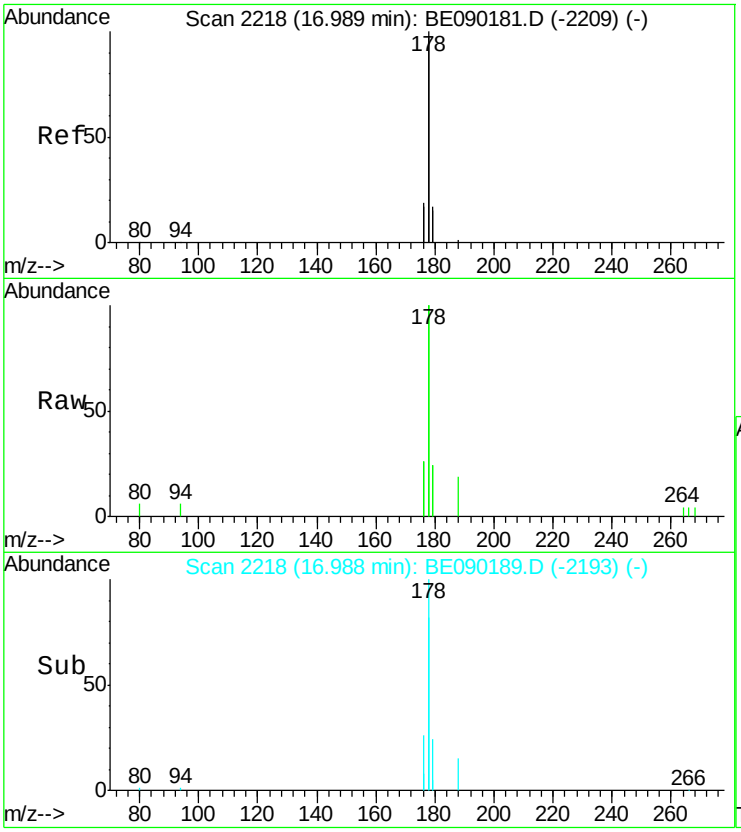


#11
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.59 min Scan# 2185
Delta R.T. -0.03 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:266 Resp: 1

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

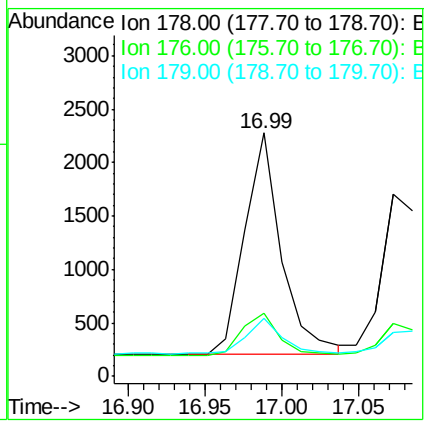


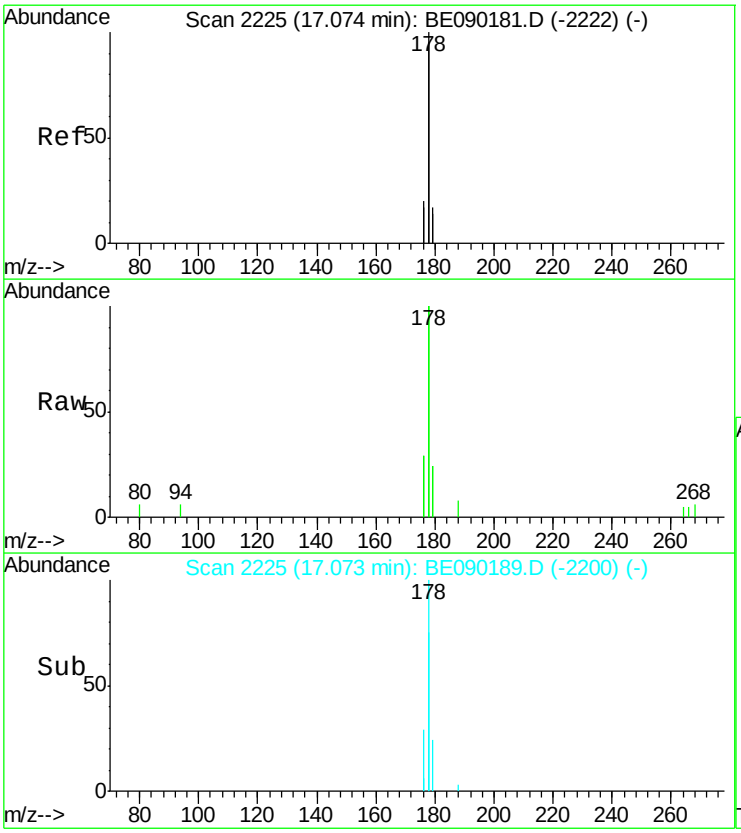


#12
Phenanthrene
Concen: 0.05 ng/ul
RT: 16.99 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:178 Resp: 3469

Ion	Ratio	Lower	Upper
178	100		
176	26.1	15.3	22.9#
179	23.6	14.0	21.0#

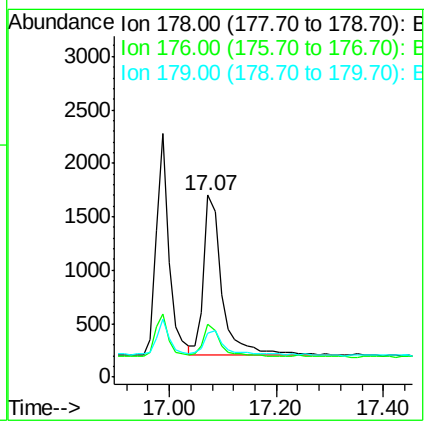


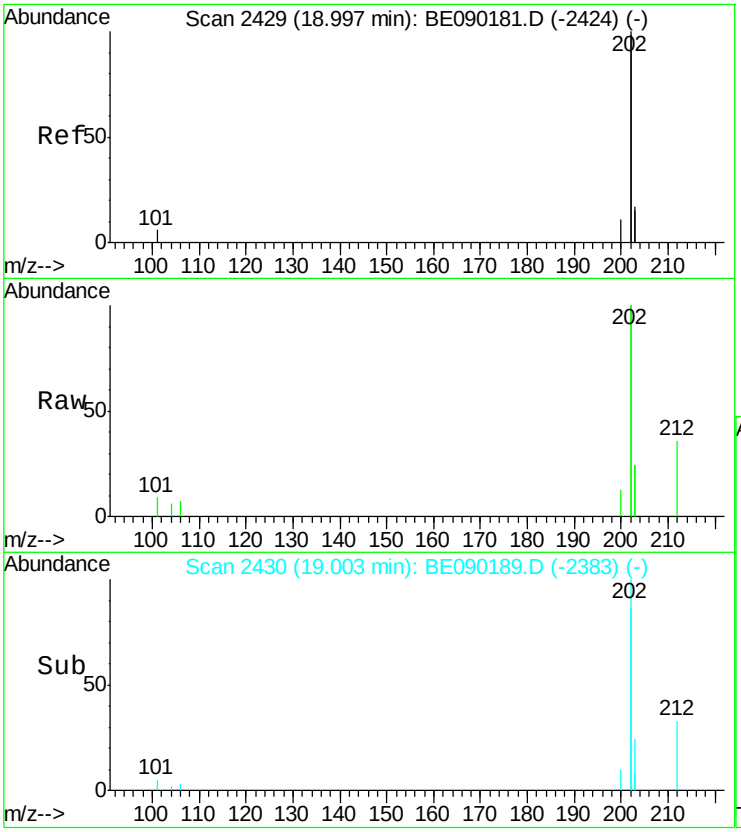


#13
Anthracene
Concen: 0.05 ng/ul
RT: 17.07 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:178 Resp: 3509

Ion	Ratio	Lower	Upper
178	100		
176	29.3	16.0	24.0#
179	24.2	13.4	20.0#

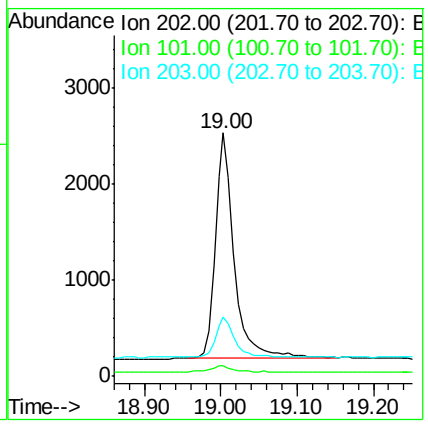


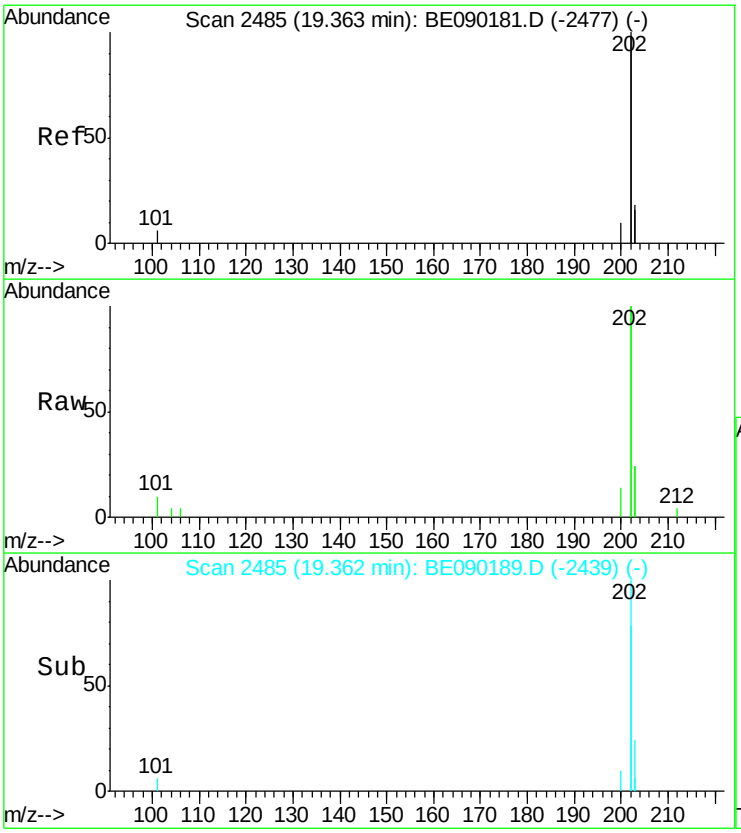


#15
Fluoranthene
Concen: 0.05 ng/ul
RT: 19.00 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:202 Resp: 4113

Ion	Ratio	Lower	Upper
202	100		
101	4.3	0.0	23.0
203	24.2	0.0	37.0

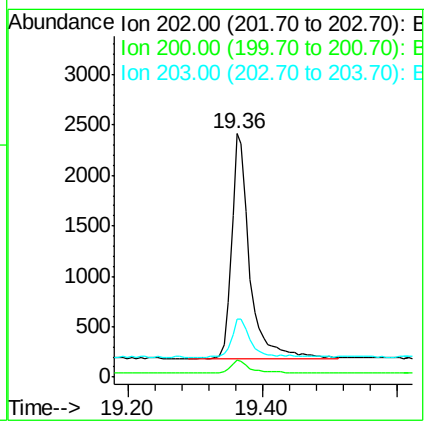


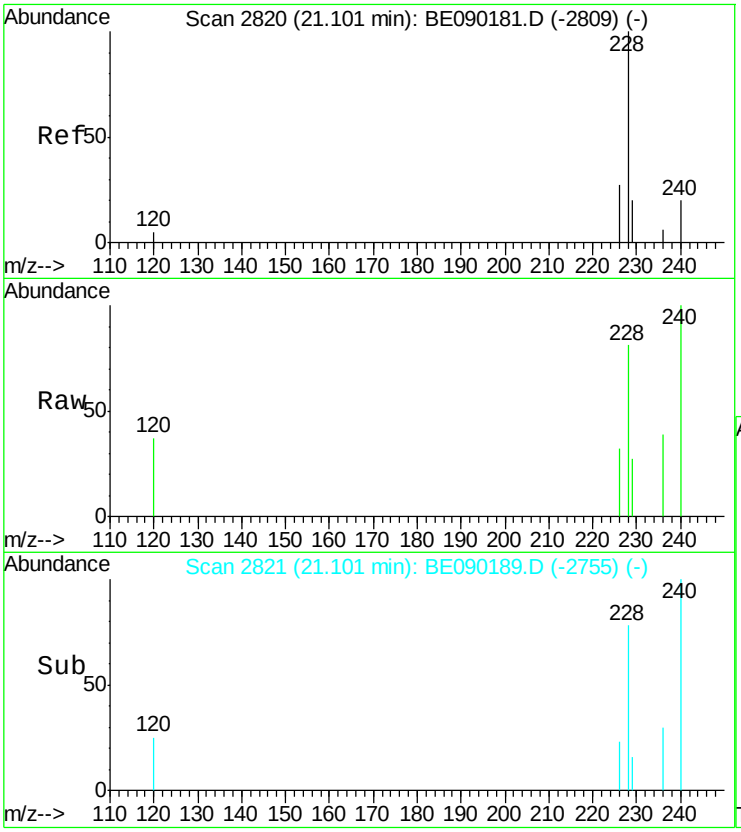


#17
Pyrene
Concen: 0.06 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:202 Resp: 4172

Ion	Ratio	Lower	Upper
202	100		
200	7.0	4.3	6.5#
203	23.7	14.6	21.8#

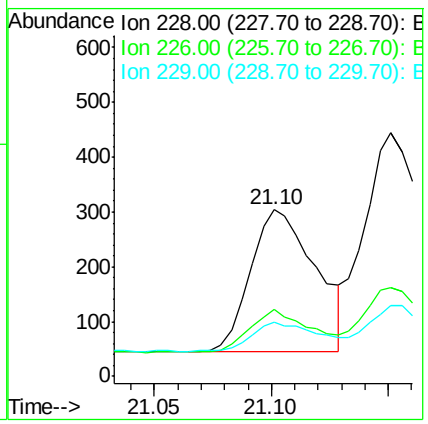


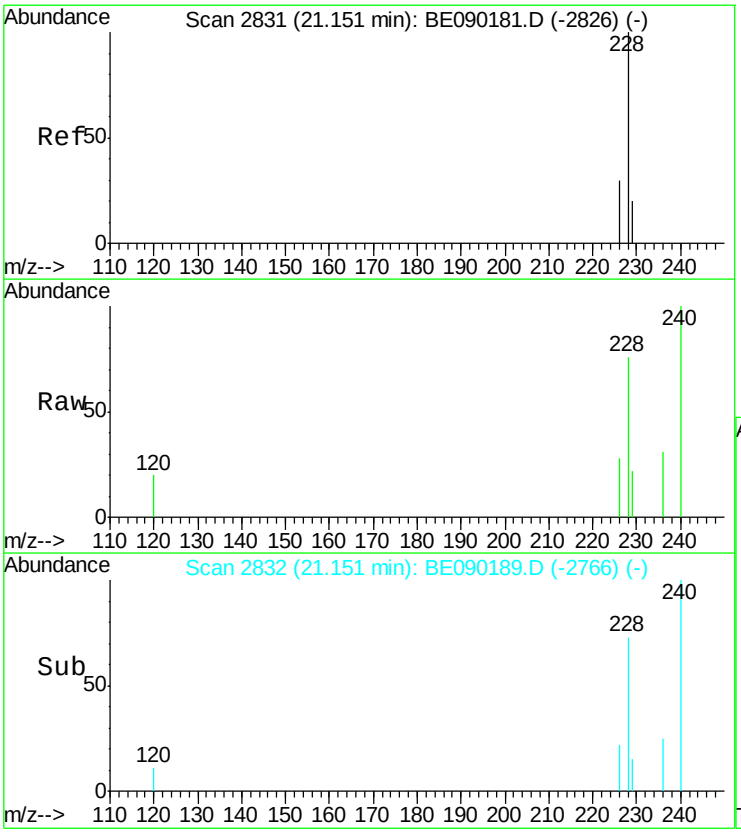


#18
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.10 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:228 Resp: 502

Ion	Ratio	Lower	Upper
228	100		
226	40.1	22.2	33.4#
229	32.9	16.9	25.3#

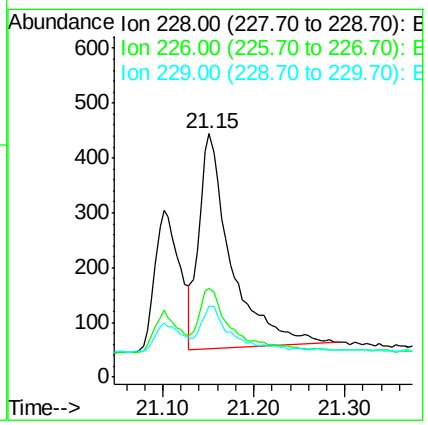


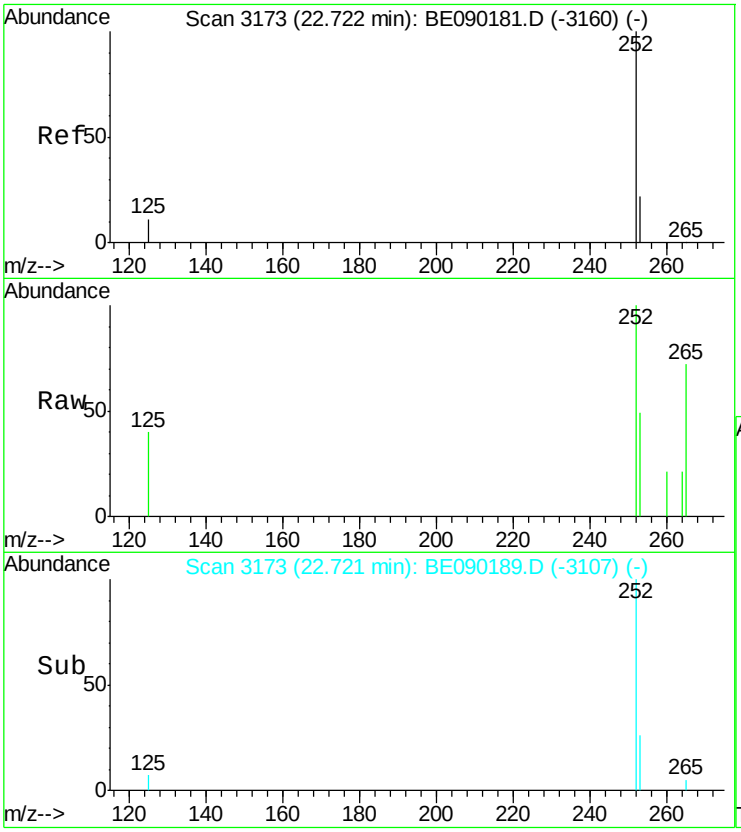


#19
Chrysene
Concen: 0.06 ng/ul
RT: 21.15 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:228 Resp: 967

Ion	Ratio	Lower	Upper
228	100		
226	36.5	24.3	36.5#
229	29.1	16.6	24.8#

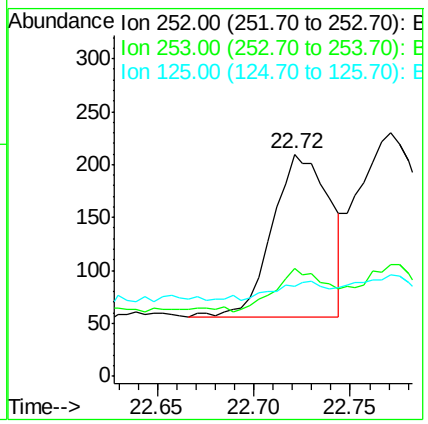


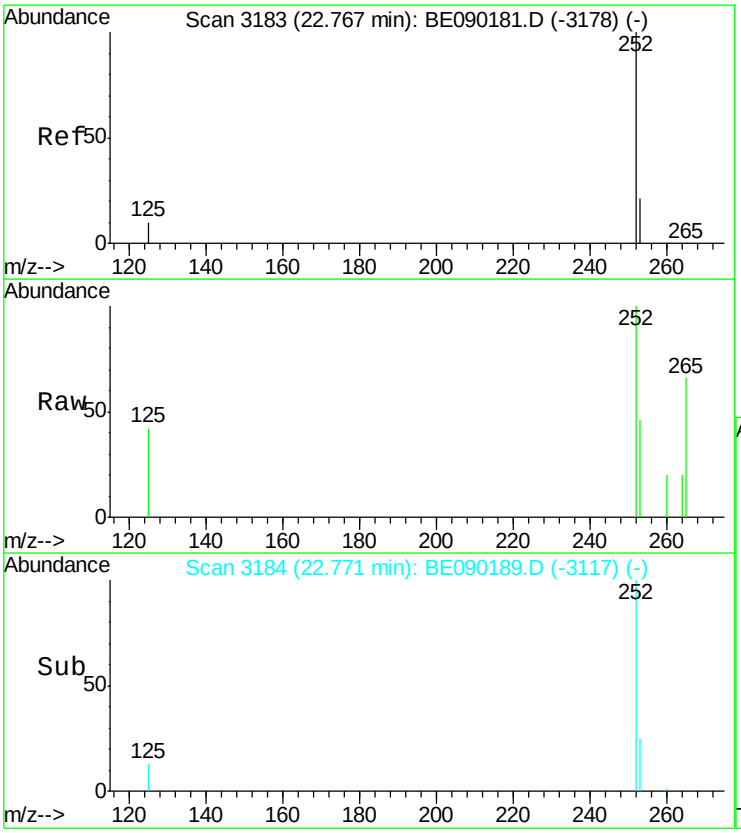


#21
Benzo(b)fluoranthene
Concen: 0.03 ng/ul
RT: 22.72 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:252 Resp: 319

Ion	Ratio	Lower	Upper
252	100		
253	48.6	0.0	46.8#
125	40.5	0.0	25.4#

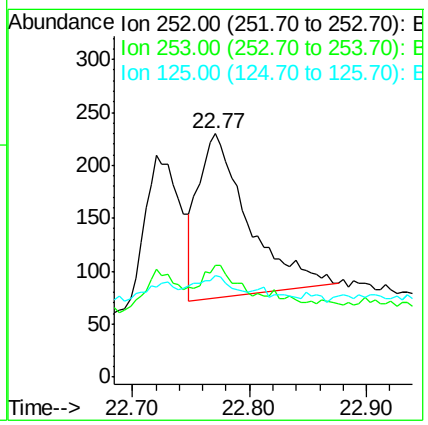


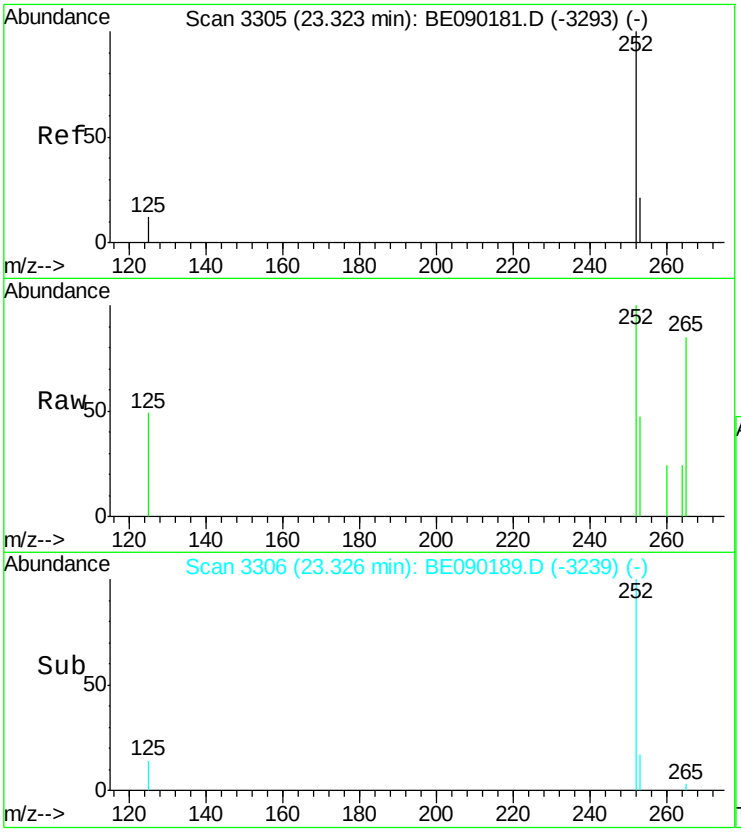


#22
Benzo(k)fluoranthene
Concen: 0.03 ng/ul
RT: 22.77 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:252 Resp: 456

Ion	Ratio	Lower	Upper
252	100		
253	45.7	18.3	27.5#
125	41.7	9.8	14.8#

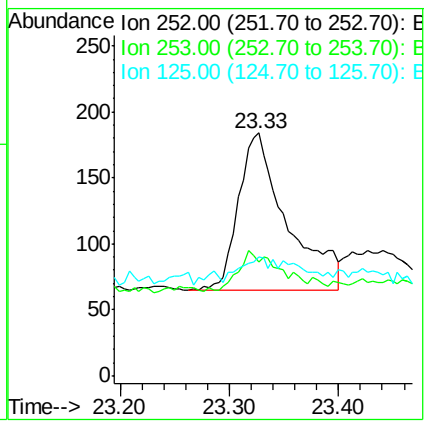


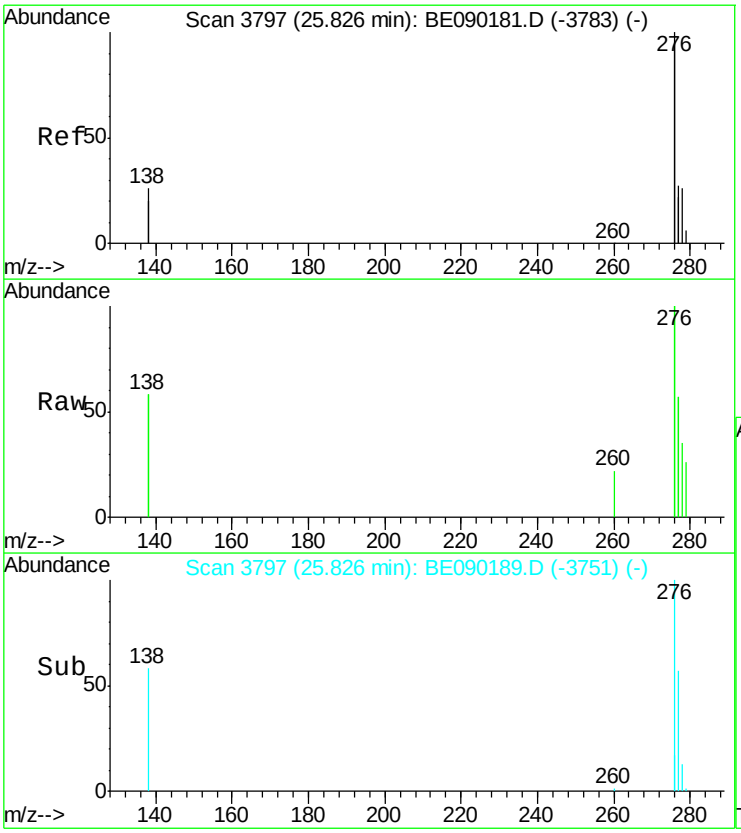


#23
Benzo(a)pyrene
Concen: 0.03 ng/ul
RT: 23.33 min Scan# 3306
Delta R.T. 0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:252 Resp: 366

Ion	Ratio	Lower	Upper
252	100		
253	46.7	18.4	27.6#
125	48.9	11.5	17.3#

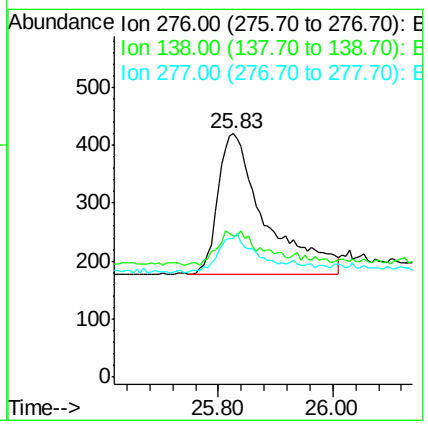


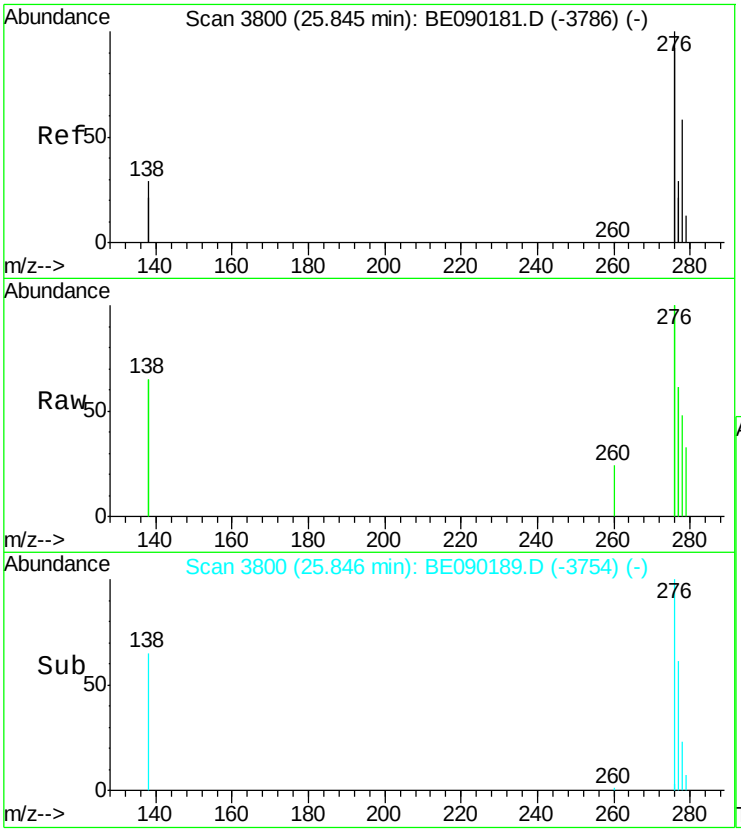


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng/ul
RT: 25.83 min Scan# 3797
Delta R.T. 0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:276 Resp: 1404

Ion	Ratio	Lower	Upper
276	100		
138	9.1	19.8	29.8#
277	21.6	19.8	29.6

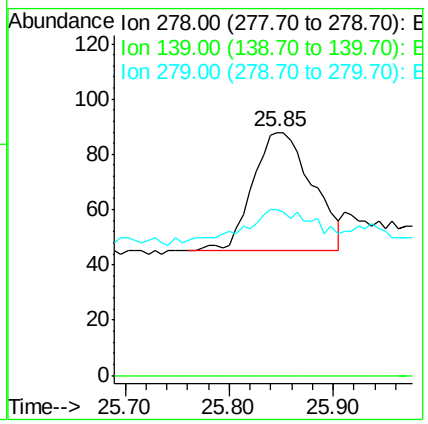


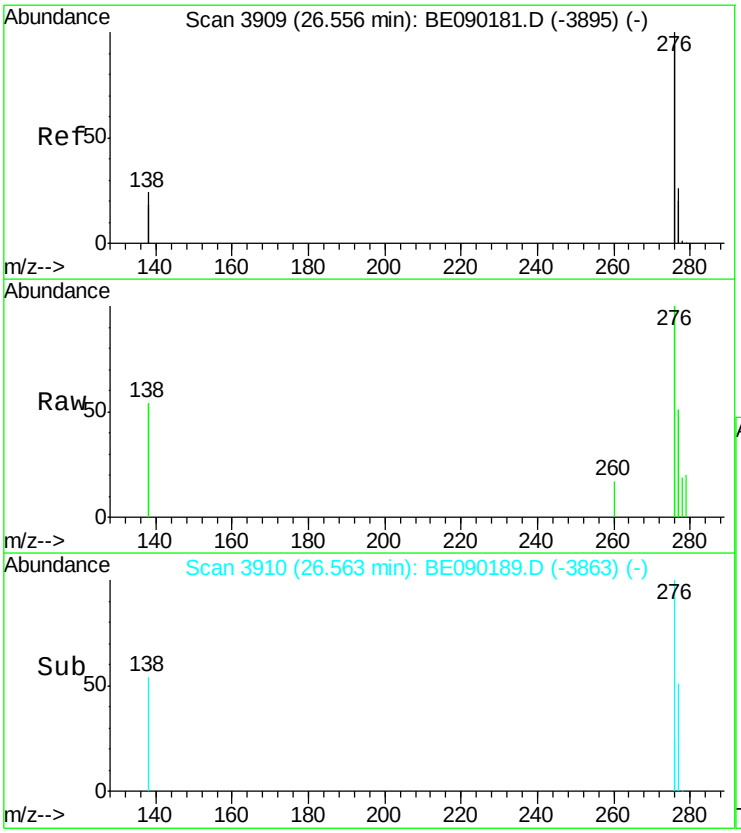


#25
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.85 min Scan# 3800
Delta R.T. 0.00 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:278 Resp: 171

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	68.2	20.0	30.0#





#26
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul
RT: 26.56 min Scan# 3910
Delta R.T. 0.01 min
Lab File: BE090189.D
Acq: 20 Jul 2015 23:43

Tgt Ion:276 Resp: 1854

Ion	Ratio	Lower	Upper
276	100		
277	50.8	20.6	31.0#
138	53.6	19.3	28.9#