Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072415\
Data File : BE090258.D
Acq On : 24 Jul 2015 1:39
Operator : TP/IZ
Sample : MDL-01-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 24 08:29:30 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 08:25:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	885	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	3530	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2131	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5173	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	3602	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	2474	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1928	0.36	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	4787	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	1009	0.11	ng/ul#	84
5) 2-Methylnaphthalene	12.03	142	570	0.09	ng/ul	99
7) Acenaphthylene	13.92	152	4565	0.10	ng/ul#	88
8) Acenaphthene	14.27	153	3318	0.10	ng/ul	96
9) Fluorene	15.26	166	859	0.10	ng/ul#	95
11) Pentachlorophenol	16.62	266	25	0.06	ng/ul#	58
12) Phenanthrene	16.99	178	5433	0.09	ng/ul#	89
13) Anthracene	17.07	178	5612	0.10	ng/ul#	87
15) Fluoranthene	19.00	202	6912	0.10	ng/ul	92
17) Pyrene	19.36	202	7069	0.12	ng/ul	95
18) Benzo(a)anthracene	21.10	228	544	0.09	ng/ul#	81
19) Chrysene	21.15	228	1283	0.08	ng/ul#	87
21) Benzo(b)fluoranthene	22.73	252	355	0.09	ng/ul	70
22) Benzo(k)fluoranthene	22.77	252	584	0.04	ng/ul#	73
23) Benzo(a)pyrene	23.33	252	505	0.09	ng/ul#	69
24) Indeno(1,2,3-cd)pyrene	25.83	276	1545	0.10	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.85	278	224	0.09	ng/ul#	67
26) Benzo(g,h,i)perylene	26.56	276	2669	0.11	ng/ul#	77

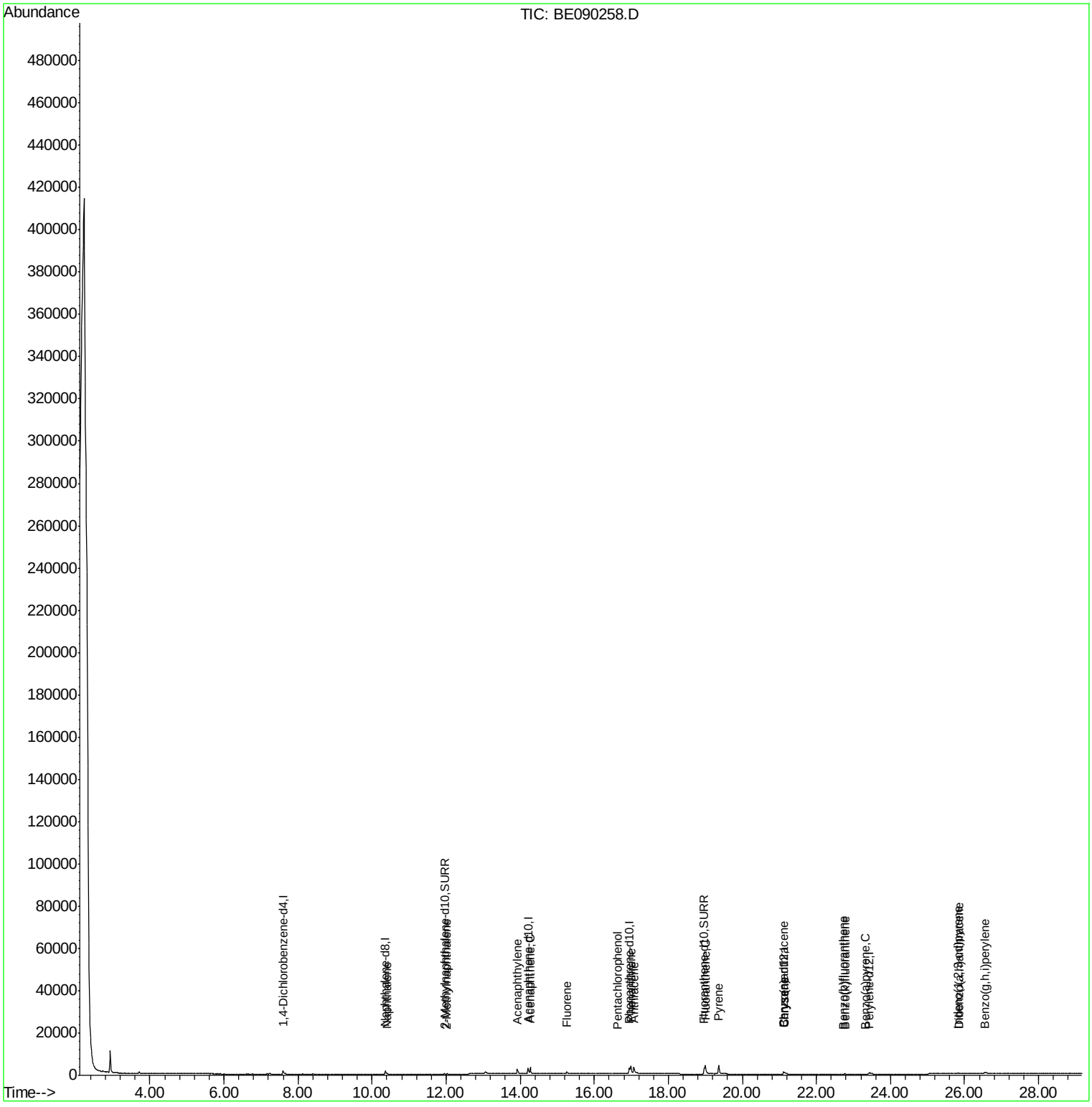
(#) = qualifier out of range (m) = manual integration (+) = signals summed

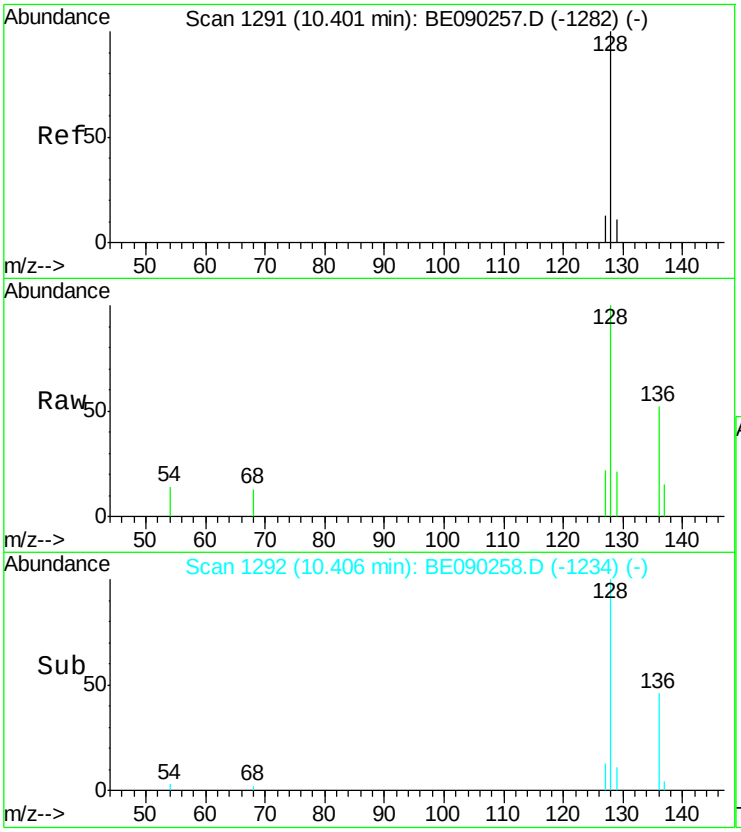
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072415\
Data File : BE090258.D
Acq On : 24 Jul 2015 1:39
Operator : TP/IZ
Sample : MDL-01-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 24 08:29:30 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 08:25:01 2015
Response via : Initial Calibration



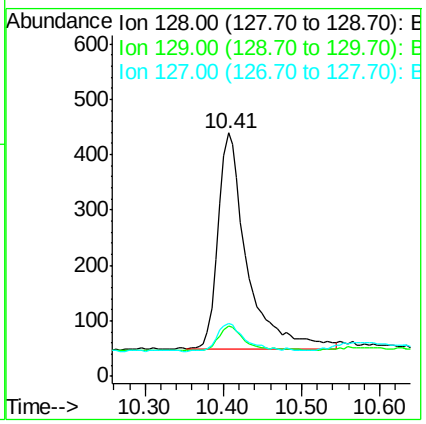


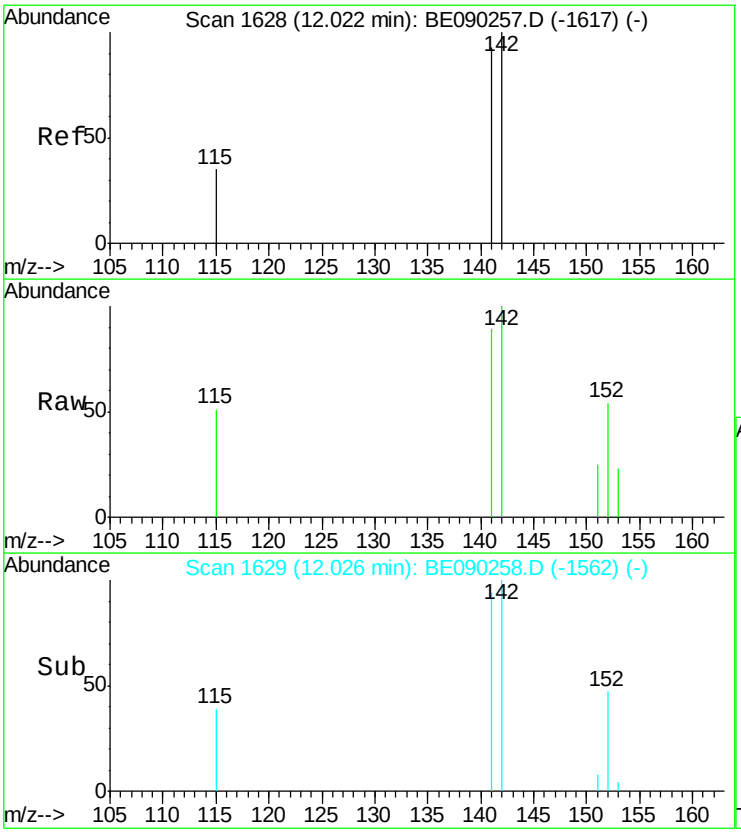
#3
Naphthalene
Concen: 0.11 ng/ul
RT: 10.41 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 1009

Ion	Ratio	Lower	Upper
128	100		
129	20.5	11.0	16.4#
127	21.6	12.3	18.5#

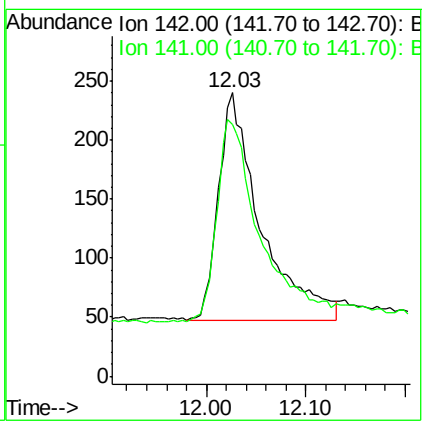


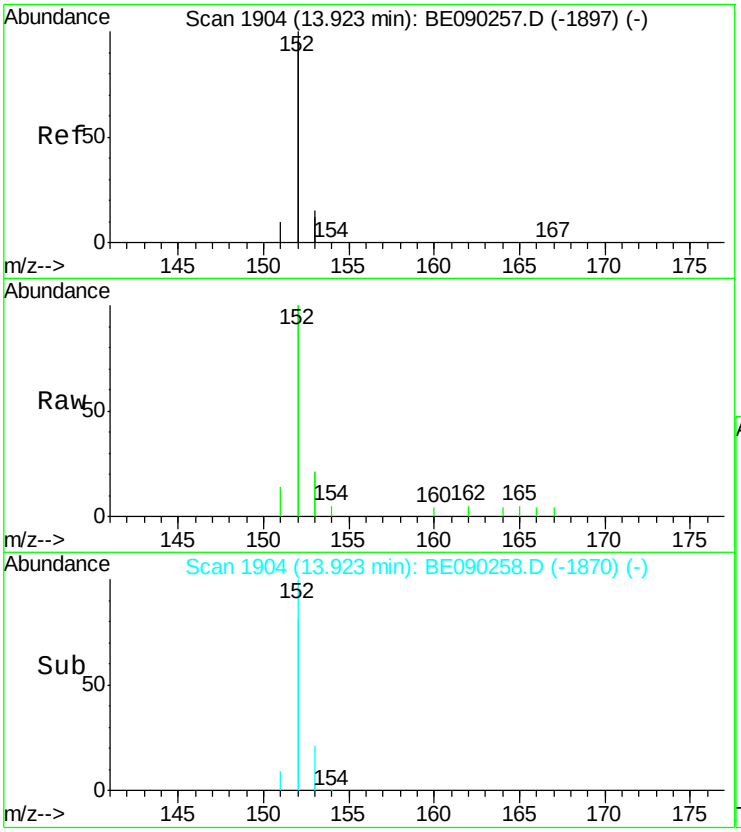


#5
2-Methylnaphthalene
Concen: 0.09 ng/ul
RT: 12.03 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Tgt Ion:142 Resp: 570

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.8	109.2



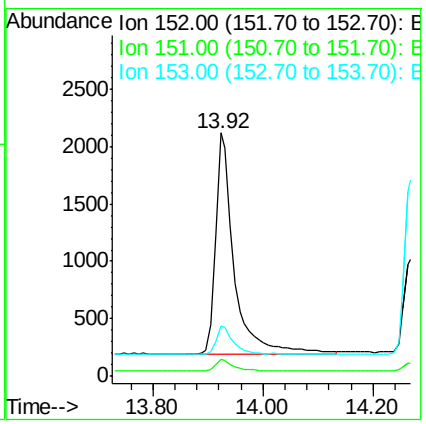


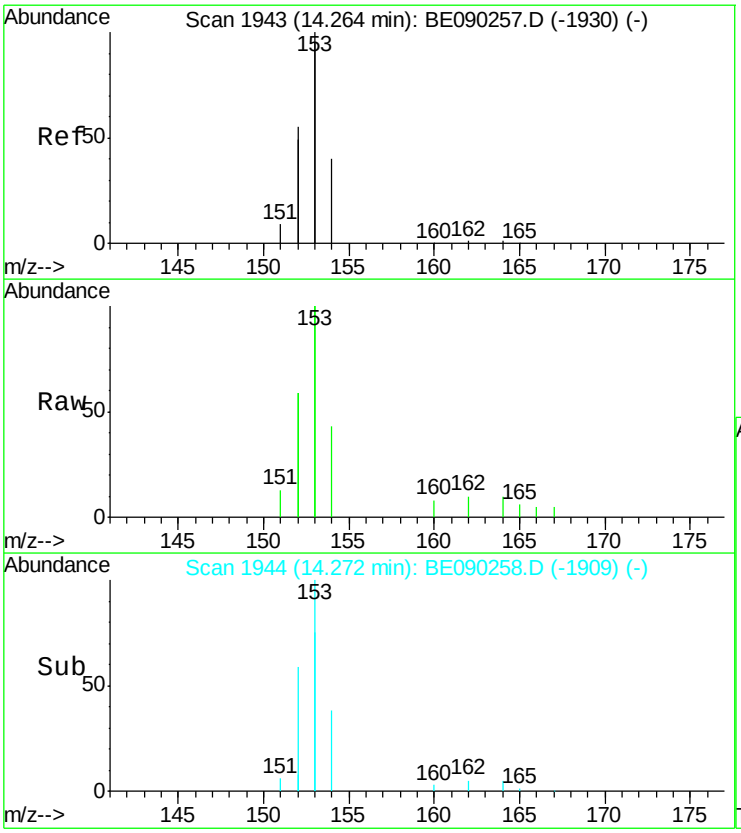
#7
Acenaphthylene
Concen: 0.10 ng/ul
RT: 13.92 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 4565

Ion	Ratio	Lower	Upper
152	100		
151	7.1	4.4	6.6#
153	20.6	11.8	17.6#

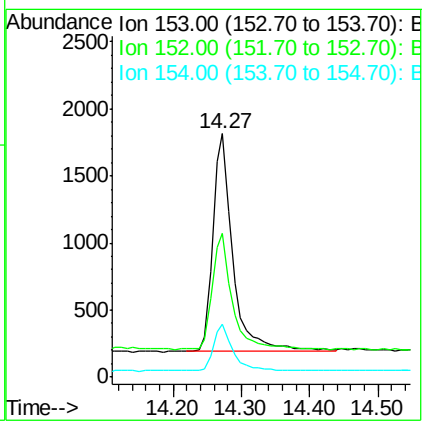


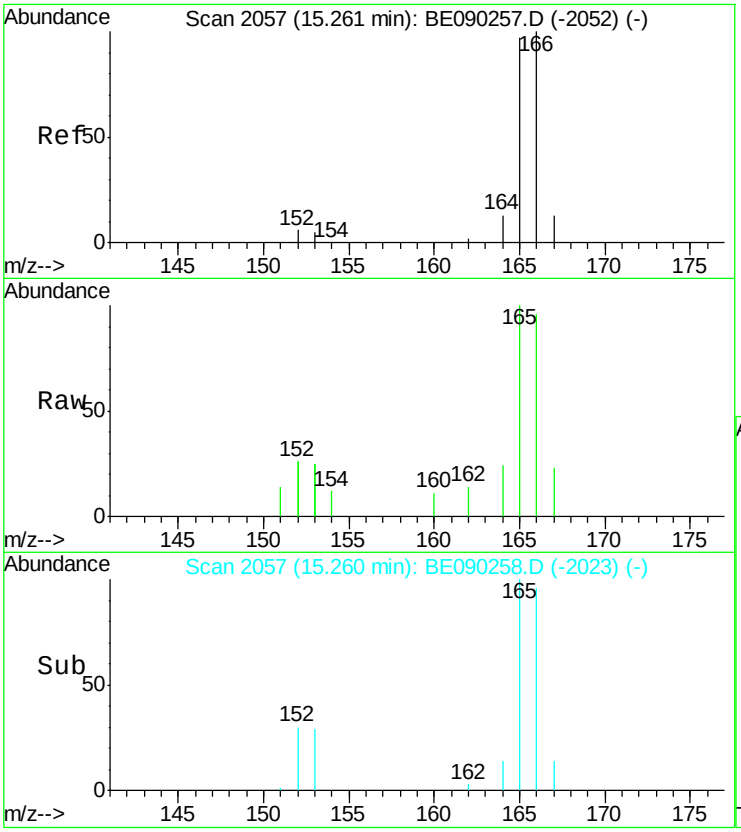


#8
Acenaphthene
Concen: 0.10 ng/ul
RT: 14.27 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Tgt Ion:153 Resp: 3318

Ion	Ratio	Lower	Upper
153	100		
152	59.2	44.9	67.3
154	21.7	16.7	25.1



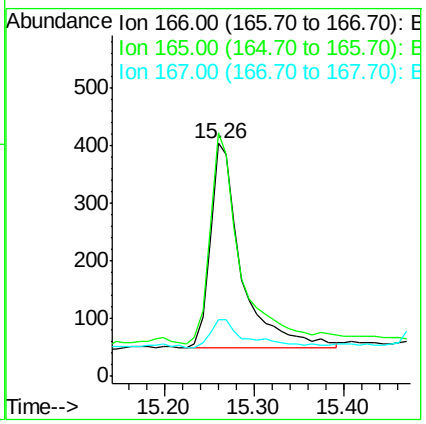


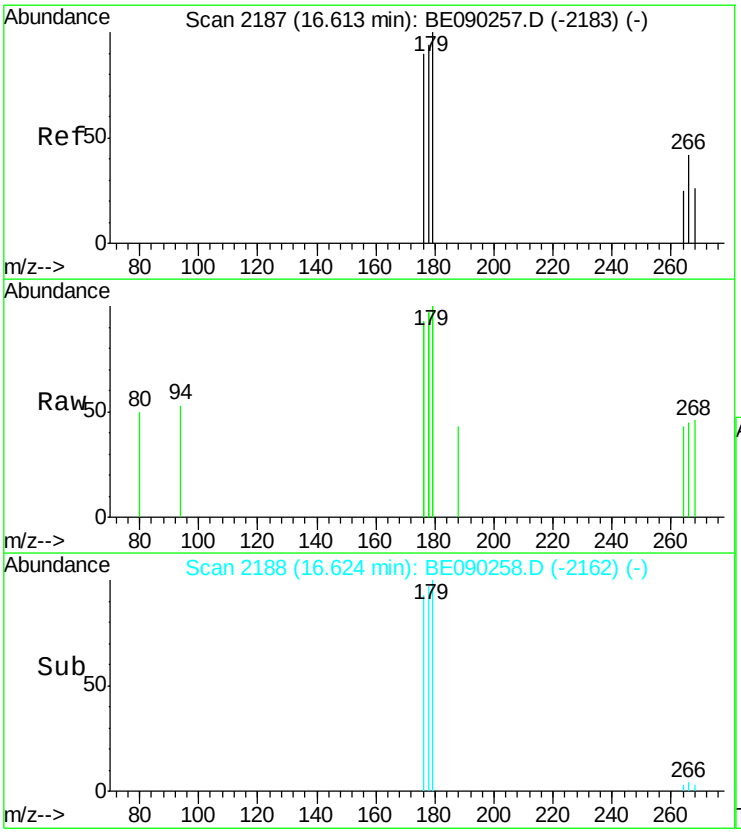
#9
Fluorene
Concen: 0.10 ng/ul
RT: 15.26 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 859

Ion	Ratio	Lower	Upper
166	100		
165	104.5	81.0	121.4
167	24.5	13.0	19.4#

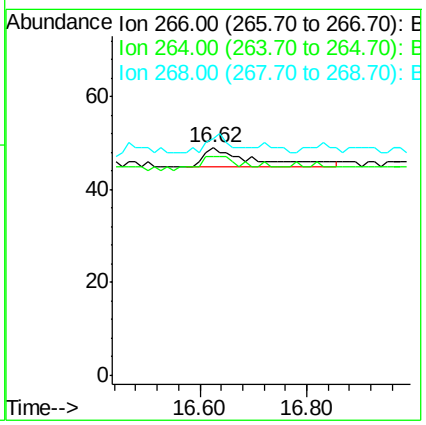


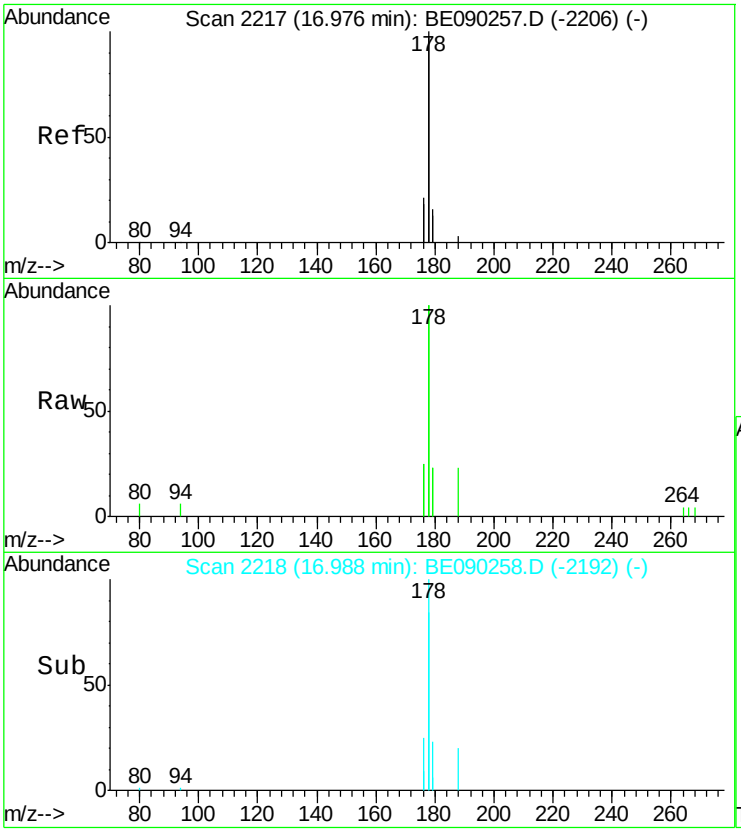


#11
Pentachlorophenol
Concen: 0.06 ng/ul
RT: 16.62 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Tgt Ion:266 Resp: 25

Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.2	73.8#
268	60.0	47.0	70.4



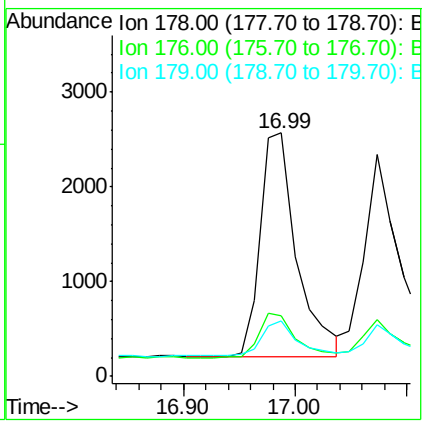


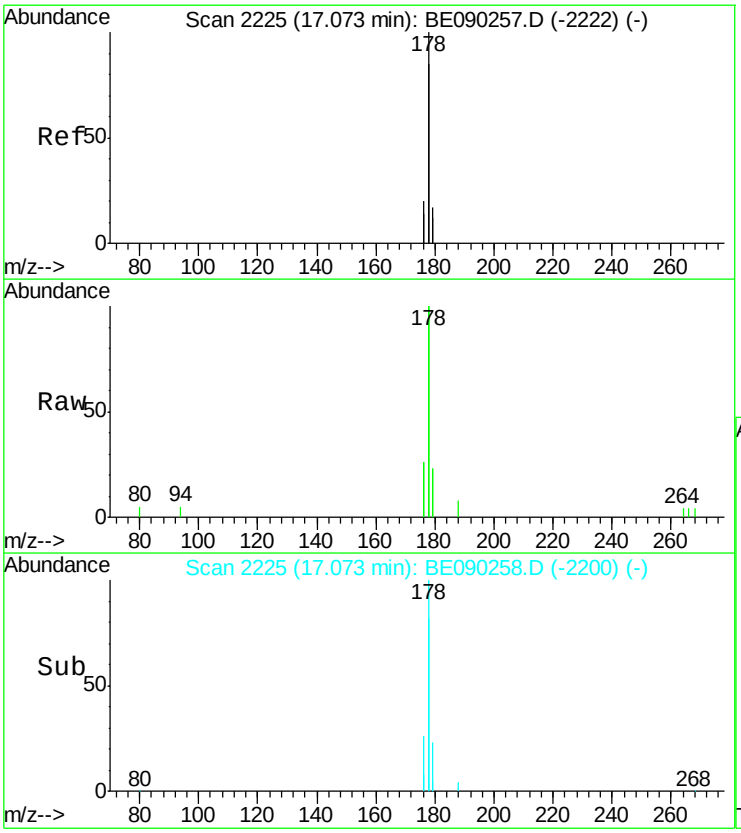
#12
Phenanthrene
Concen: 0.09 ng/ul
RT: 16.99 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 5433

Ion	Ratio	Lower	Upper
178	100		
176	25.0	16.5	24.7#
179	22.7	13.5	20.3#

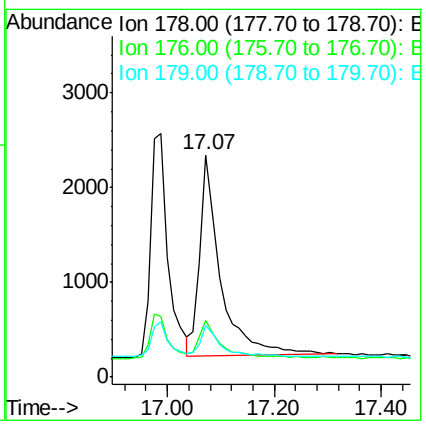


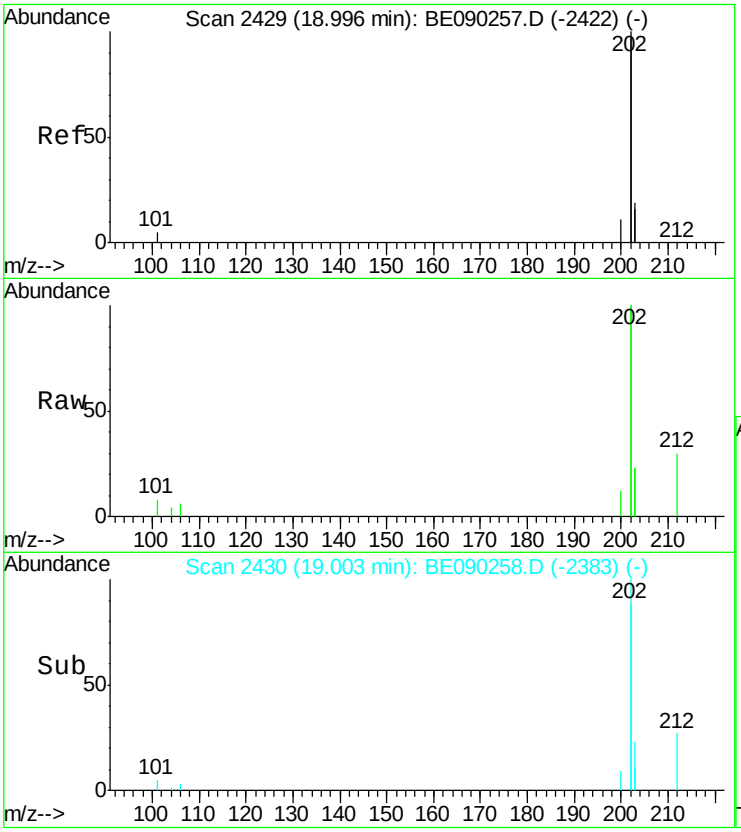


#13
Anthracene
Concen: 0.10 ng/ul
RT: 17.07 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Tgt Ion:178 Resp: 5612

Ion	Ratio	Lower	Upper
178	100		
176	25.7	15.8	23.6#
179	23.3	14.2	21.2#



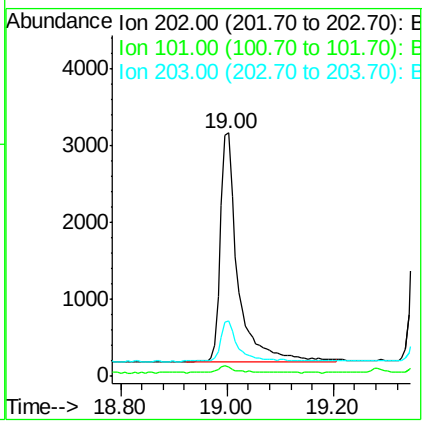


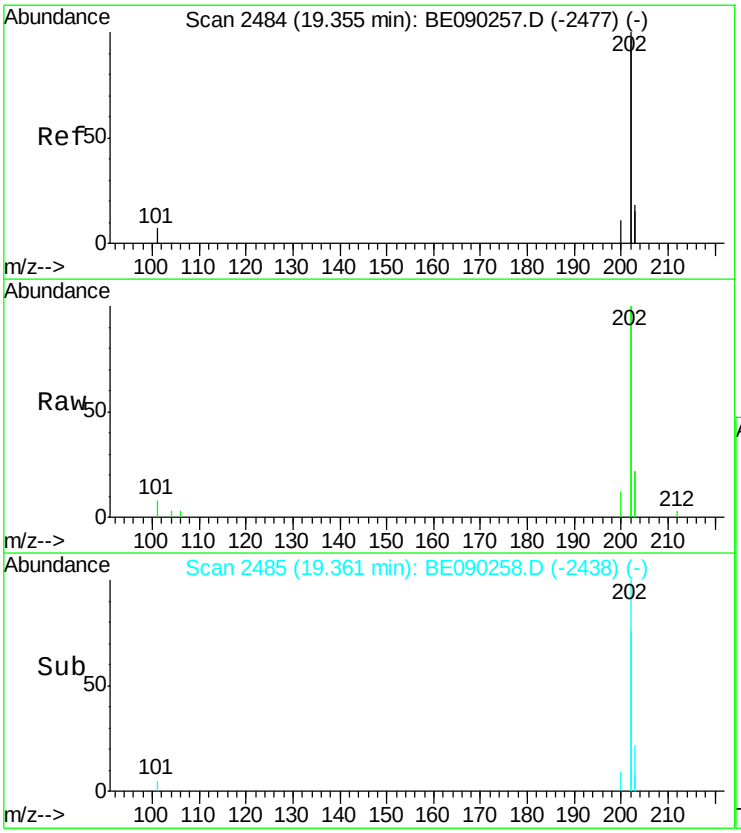
#15
Fluoranthene
Concen: 0.10 ng/ul
RT: 19.00 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 6912

Ion	Ratio	Lower	Upper
202	100		
101	3.9	0.0	22.9
203	22.8	0.0	38.9

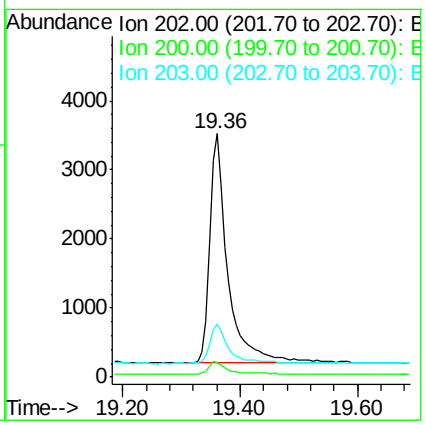


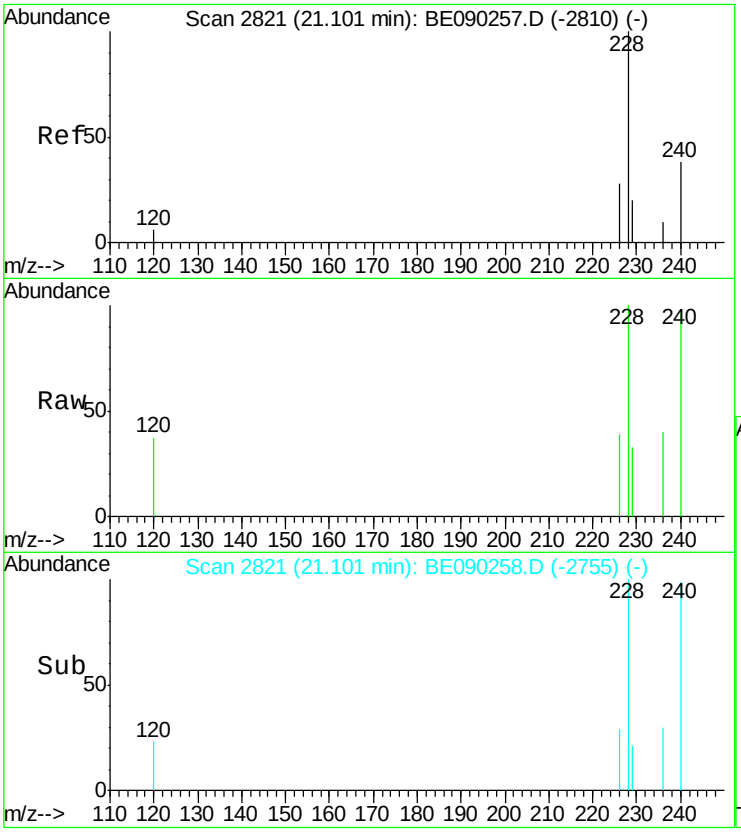


#17
Pyrene
Concen: 0.12 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Tgt Ion:202 Resp: 7069

Ion	Ratio	Lower	Upper
202	100		
200	6.2	4.4	6.6
203	21.7	15.0	22.6



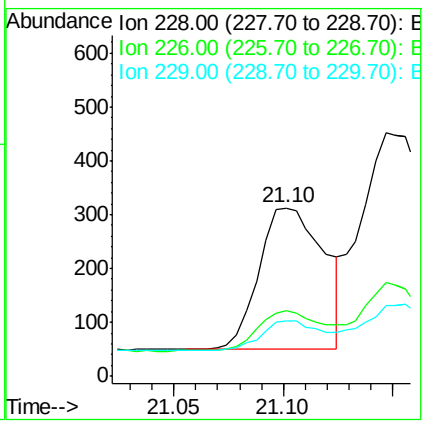


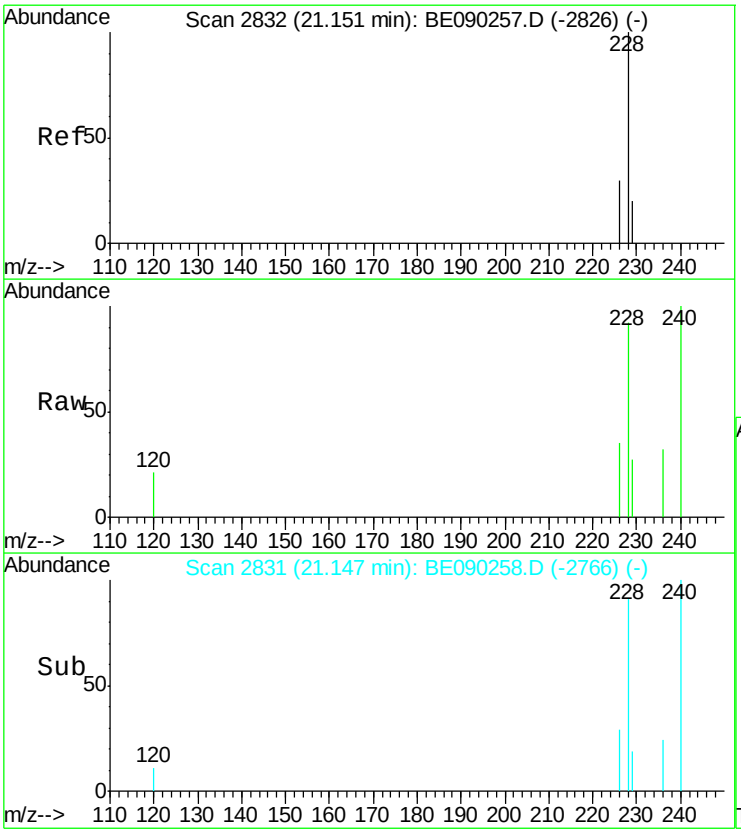
#18
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.10 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 544

Ion	Ratio	Lower	Upper
228	100		
226	38.8	24.0	36.0#
229	33.0	17.7	26.5#

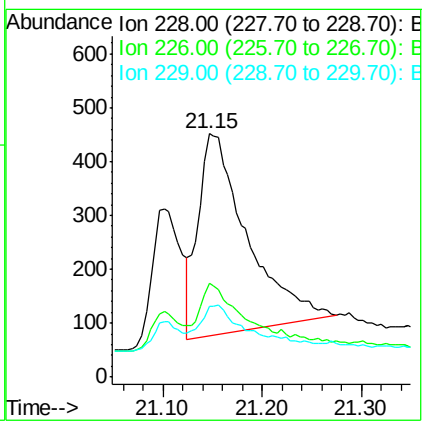


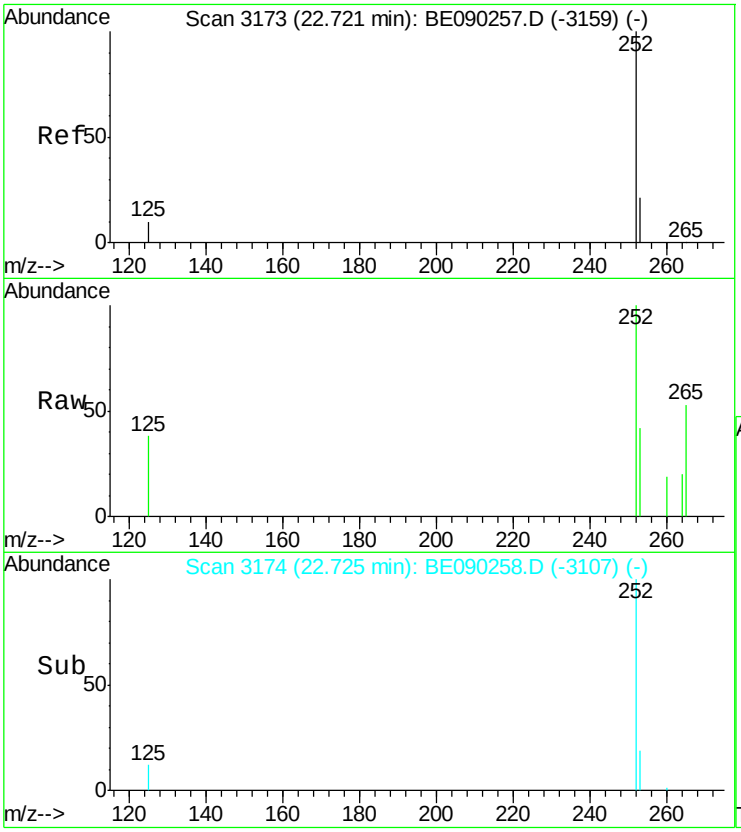


#19
Chrysene
Concen: 0.08 ng/ul
RT: 21.15 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Tgt Ion:228 Resp: 1283

Ion	Ratio	Lower	Upper
228	100		
226	38.5	25.3	37.9#
229	29.2	18.0	27.0#



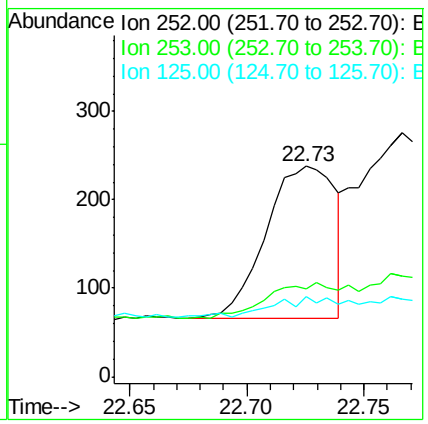


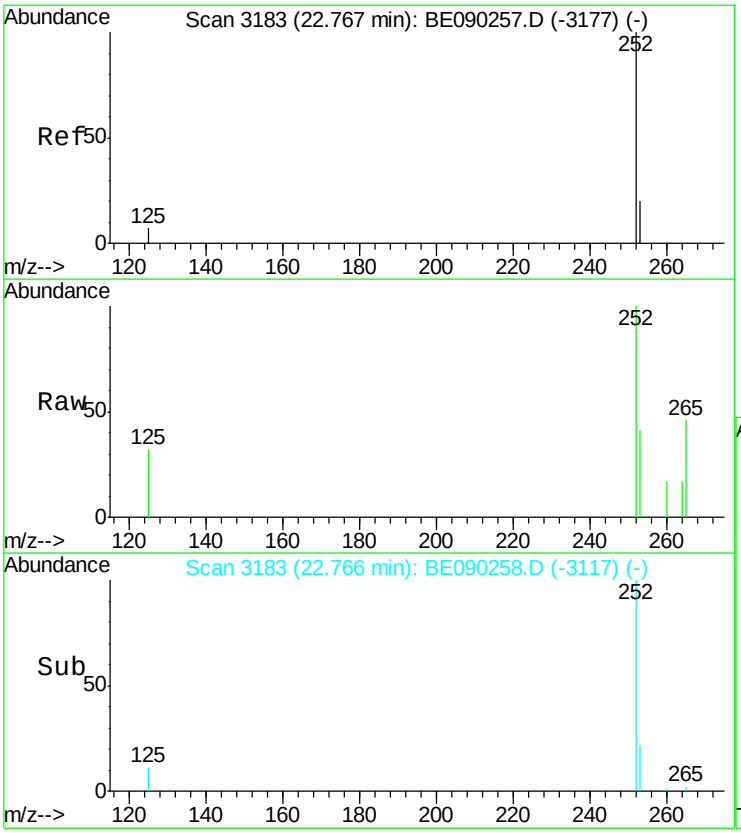
#21
Benzo(b)fluoranthene
Concen: 0.09 ng/ul
RT: 22.73 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 355

Ion	Ratio	Lower	Upper
252	100		
253	41.6	0.0	58.4
125	37.8	0.0	39.0

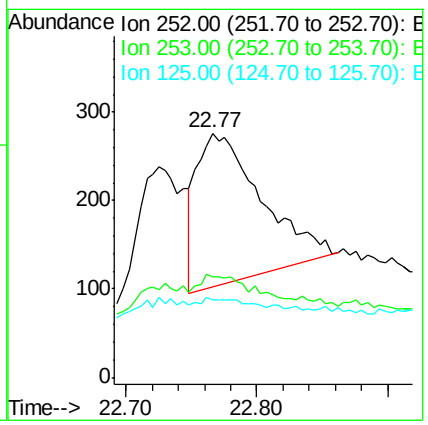


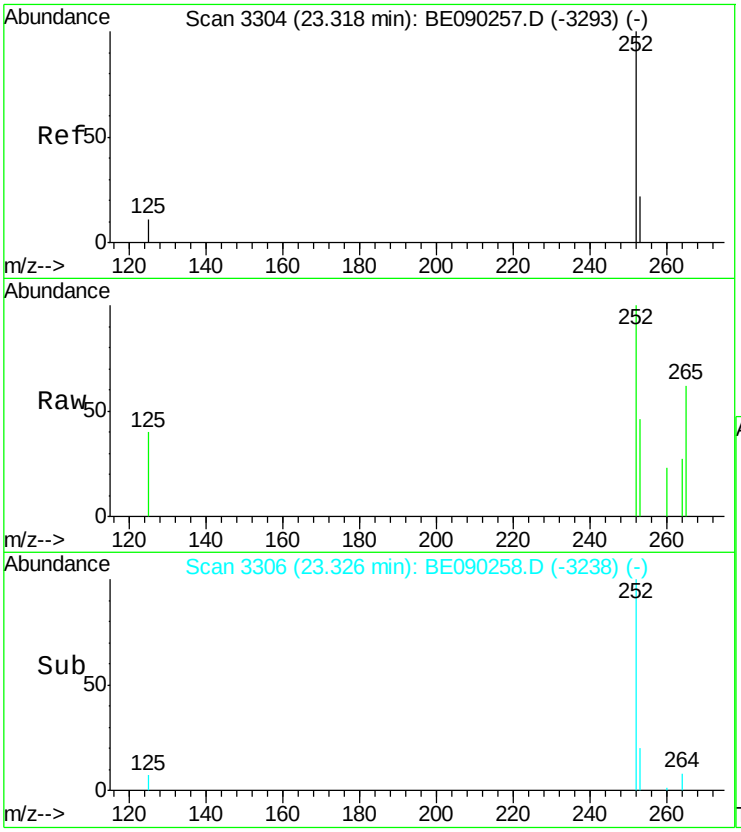


#22
Benzo(k)fluoranthene
Concen: 0.04 ng/ul
RT: 22.77 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Tgt Ion:252 Resp: 584

Ion	Ratio	Lower	Upper
252	100		
253	40.9	22.2	33.4#
125	31.9	14.5	21.7#



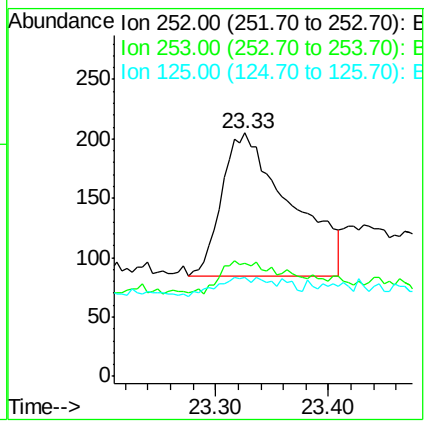


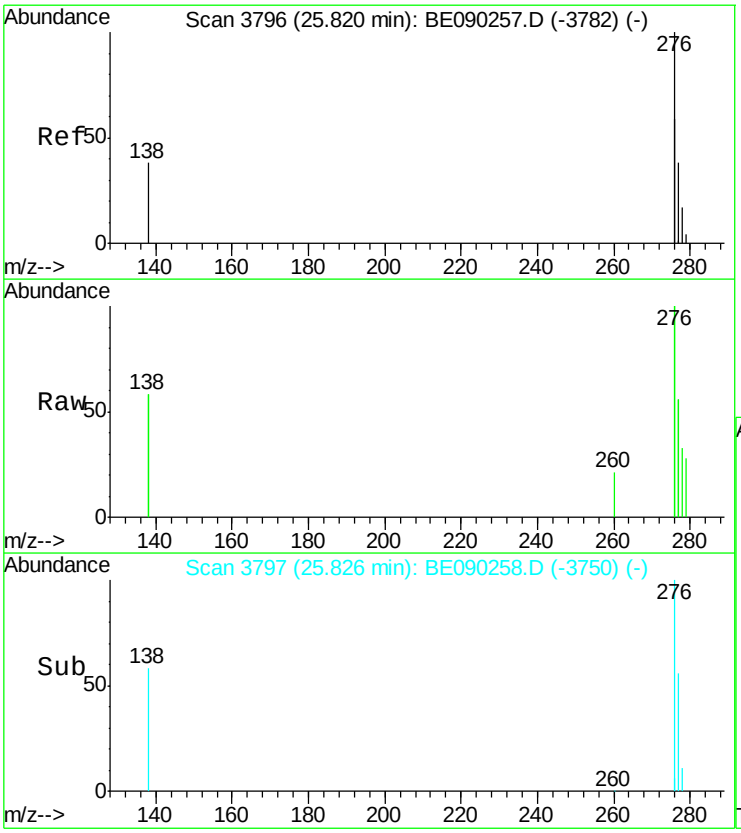
#23
Benzo(a)pyrene
Concen: 0.09 ng/ul
RT: 23.33 min Scan# 3306
Delta R.T. 0.01 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 505

Ion	Ratio	Lower	Upper
252	100		
253	46.3	25.3	37.9#
125	40.5	18.2	27.4#

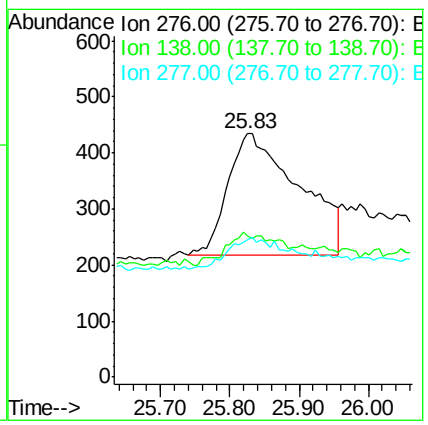


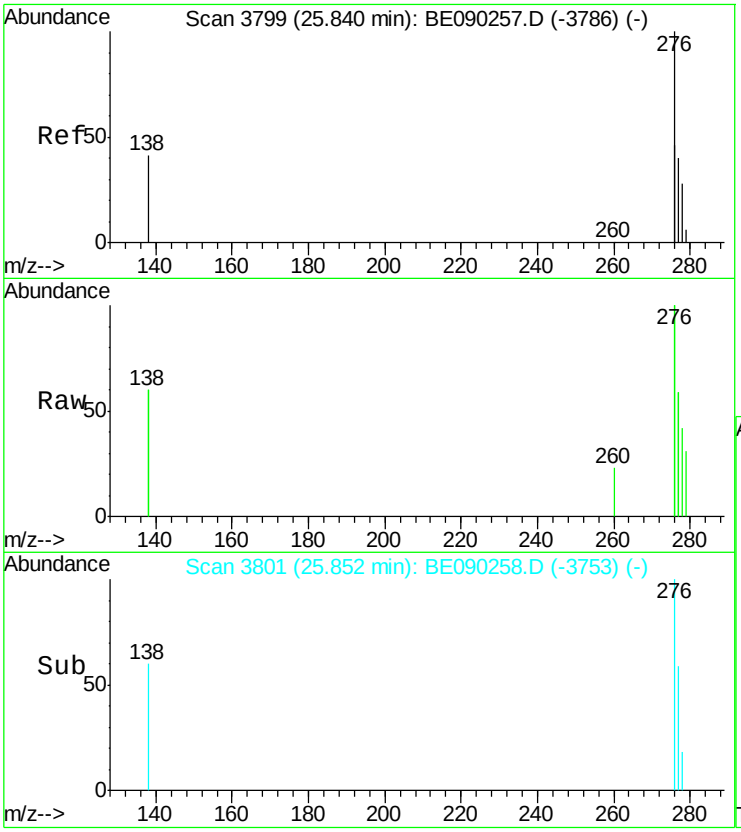


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng/ul
RT: 25.83 min Scan# 3797
Delta R.T. 0.01 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Tgt Ion:276 Resp: 1545

Ion	Ratio	Lower	Upper
276	100		
138	19.5	10.9	16.3#
277	21.9	14.0	21.0#



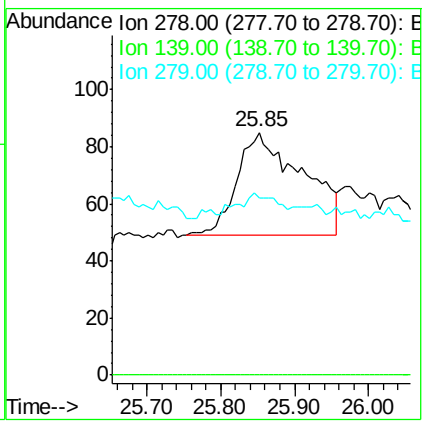


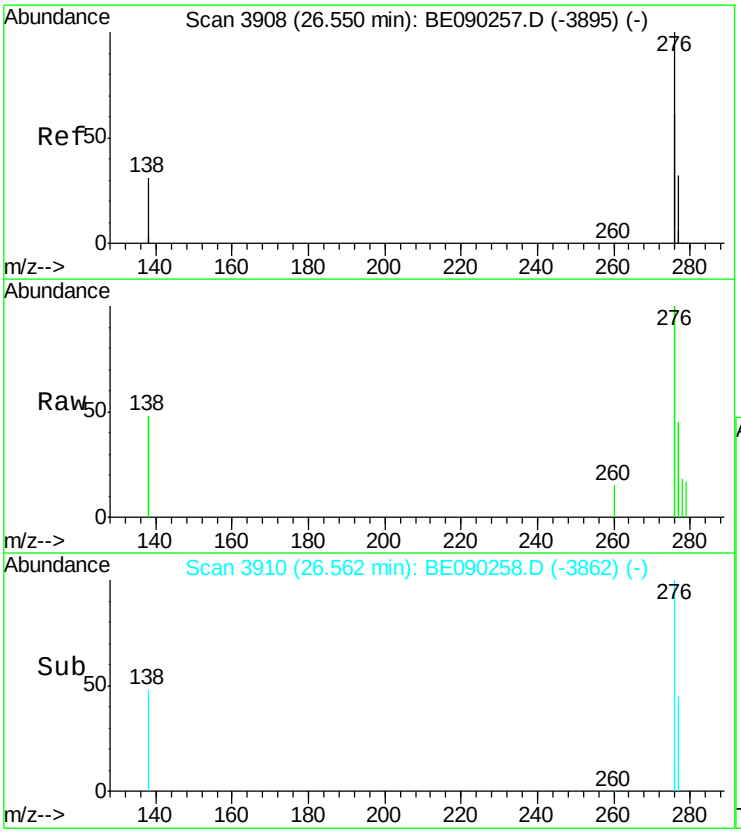
#25
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 25.85 min Scan# 3801
Delta R.T. 0.01 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 224

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	72.9	40.2	60.4#





#26
Benzo(g,h,i)perylene
Concen: 0.11 ng/ul
RT: 26.56 min Scan# 3910
Delta R.T. 0.01 min
Lab File: BE090258.D
Acq: 24 Jul 2015 1:39

Tgt Ion:276 Resp: 2669

Ion	Ratio	Lower	Upper
276	100		
277	45.5	26.3	39.5#
138	47.8	27.4	41.2#