Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111115\
Data File : BE091142.D
Acq On : 12 Nov 2015 13:17
Operator : UM/NP
Sample : G4322-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A4HS6

Quant Time: Nov 13 15:23:22 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3176	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	15340	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	8340	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.22	188	533701	0.40	ng/ul	0.08
18) Chrysene-d12	20.29	240	27193	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	29860	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.91	96	11109	4.86	ng/uL	-0.04
6) 2-Methylnaphthalene-d10	11.07	152	2929	0.14	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	7109	0.00	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.10	88	200	0.08	ng/ul#	38
5) Naphthalene	9.61	128	3696	0.10	ng/ul#	95
7) 2-Methylnaphthalene	11.14	142	1353	0.05	ng/ul	93
9) Acenaphthylene	13.15	152	6012	0.14	ng/ul	98
10) Acenaphthene	13.46	153	8352	0.29	ng/ul	89
11) Fluorene	14.45	166	9396	0.26	ng/ul	93
17) Fluoranthene	18.15	202	1022698	0.14	ng/ul	89
19) Pyrene	18.53	202	875811	2.83	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	106902	1.53	ng/ul	97
21) Chrysene	20.32	228	117097	1.46	ng/ul	97
23) Benzo(b)fluoranthene	21.62	252	100157	1.07	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	88717	0.93	ng/ul	96
25) Benzo(a)pyrene	22.03	252	65927	0.77	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	23.83	276	275833	0.76	ng/ul#	88
27) Dibenzo(a,h)anthracene	23.79	278	17328	0.20	ng/ul#	72
28) Benzo(g,h,i)perylene	24.40	276	233767	0.62	ng/ul	94

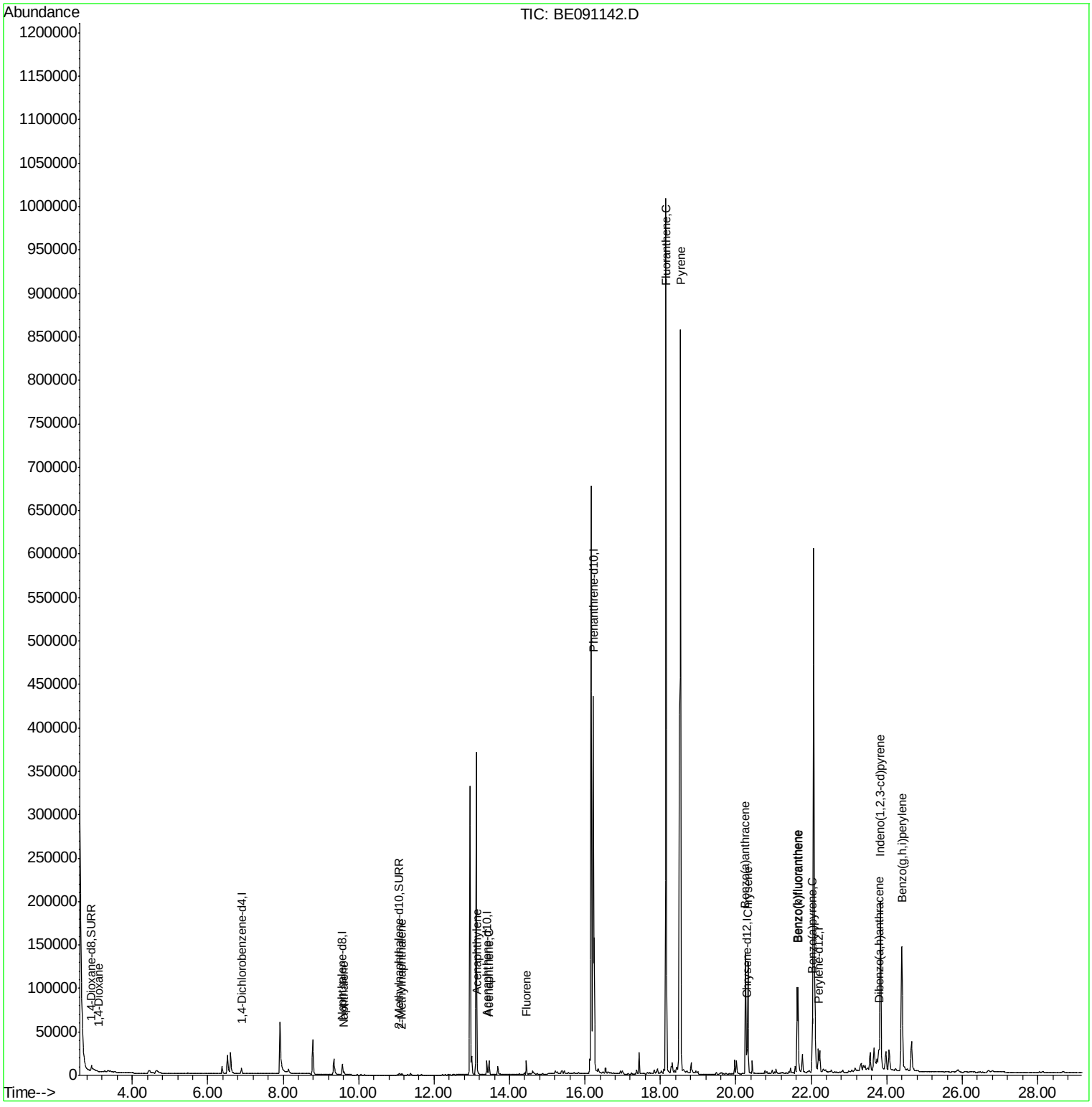
(#) = qualifier out of range (m) = manual integration (+) = signals summed

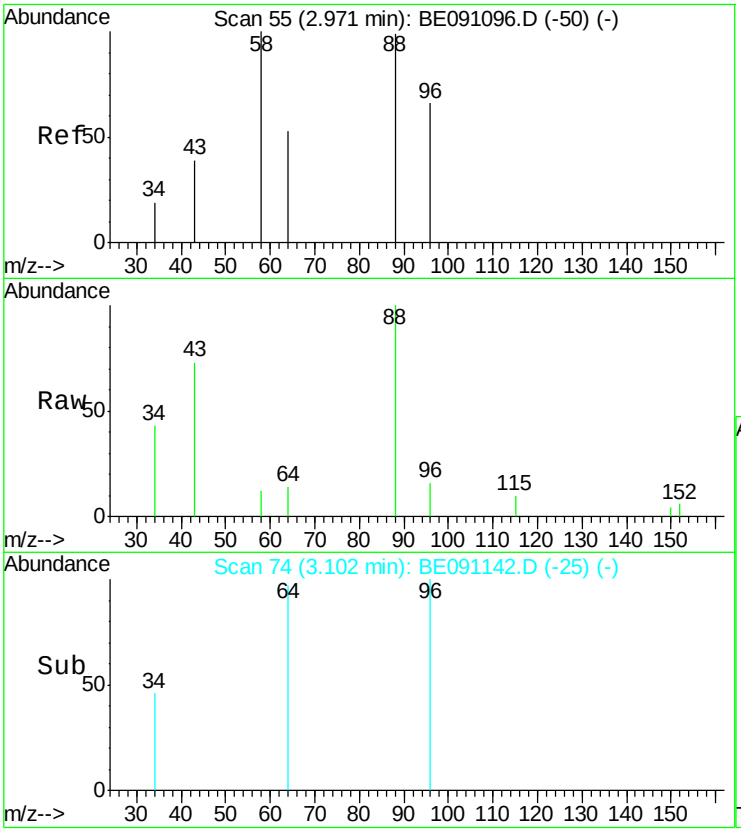
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111115\
Data File : BE091142.D
Acq On : 12 Nov 2015 13:17
Operator : UM/NP
Sample : G4322-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A4HS6

Quant Time: Nov 13 15:23:22 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration



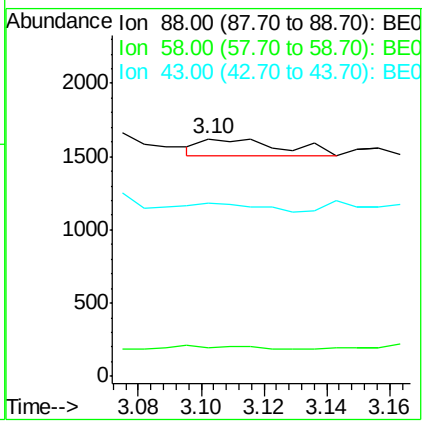


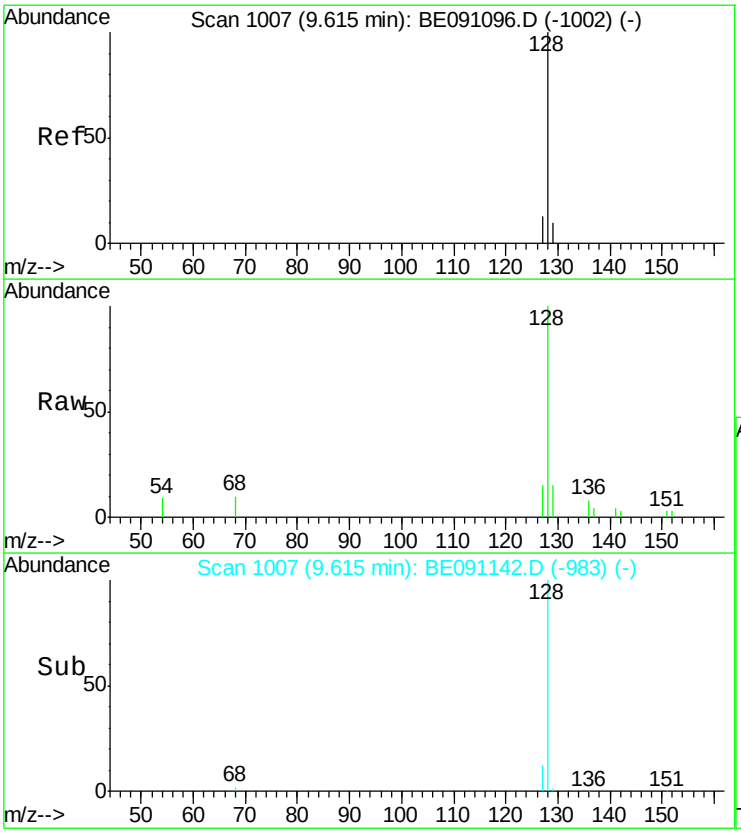
#3
1,4-Dioxane
Concen: 0.08 ng/ul
RT: 3.10 min Scan# 74
Delta R.T. 0.13 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Instrument :
BNA_E
ClientSampleId :
A4HS6

Tgt Ion: 88 Resp: 200

Ion	Ratio	Lower	Upper
88	100		
58	16.5	55.4	83.2#
43	0.0	24.2	36.2#

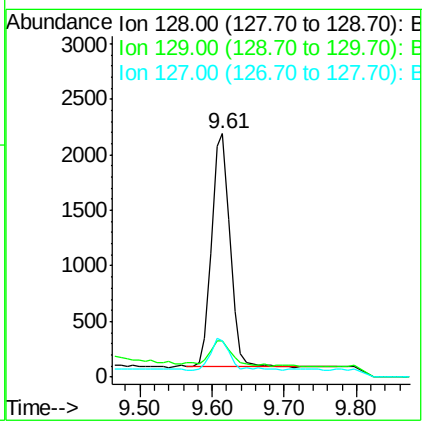


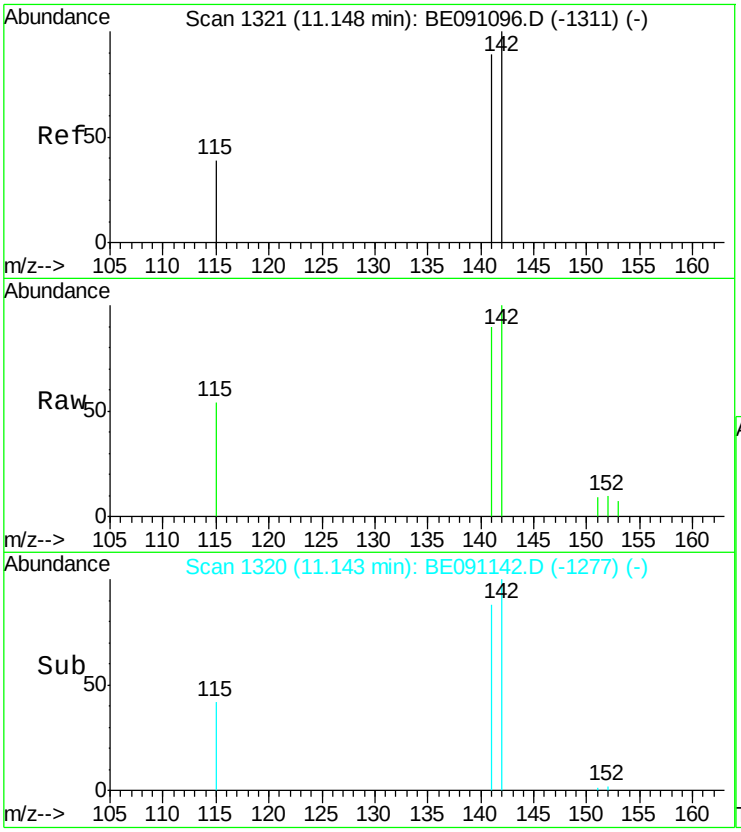


#5
Naphthalene
Concen: 0.10 ng/ul
RT: 9.61 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Tgt Ion:128 Resp: 3696

Ion	Ratio	Lower	Upper
128	100		
129	14.8	9.8	14.8#
127	15.1	10.7	16.1



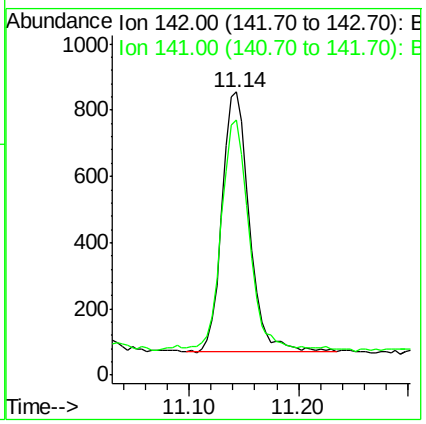


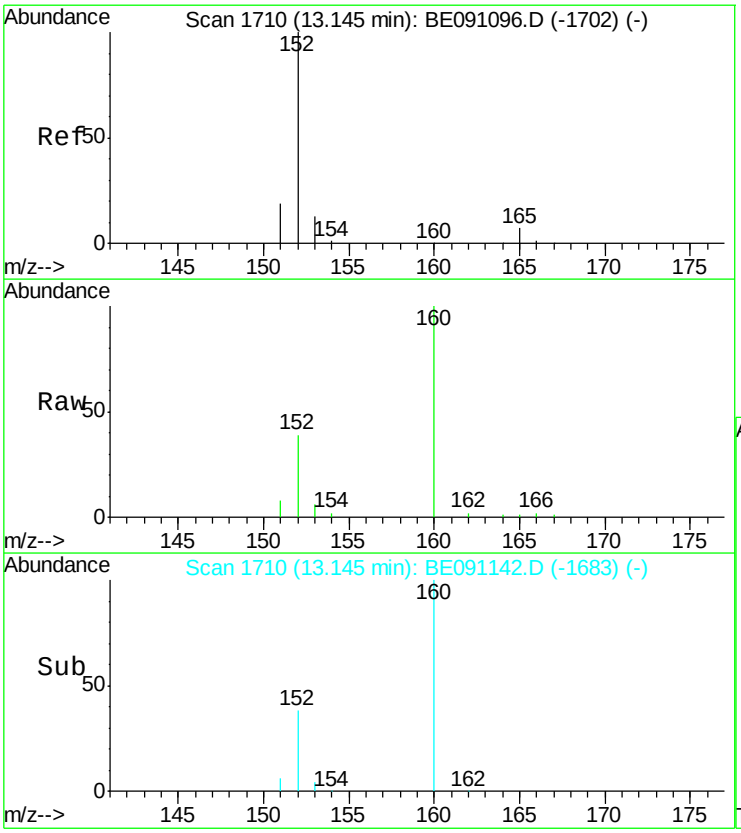
#7
2-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 11.14 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Instrument :
BNA_E
ClientSampleId :
A4HS6

Tgt Ion:142 Resp: 1353

Ion	Ratio	Lower	Upper
142	100		
141	94.8	70.3	105.5

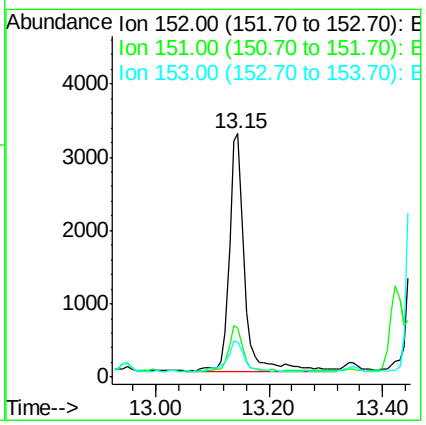


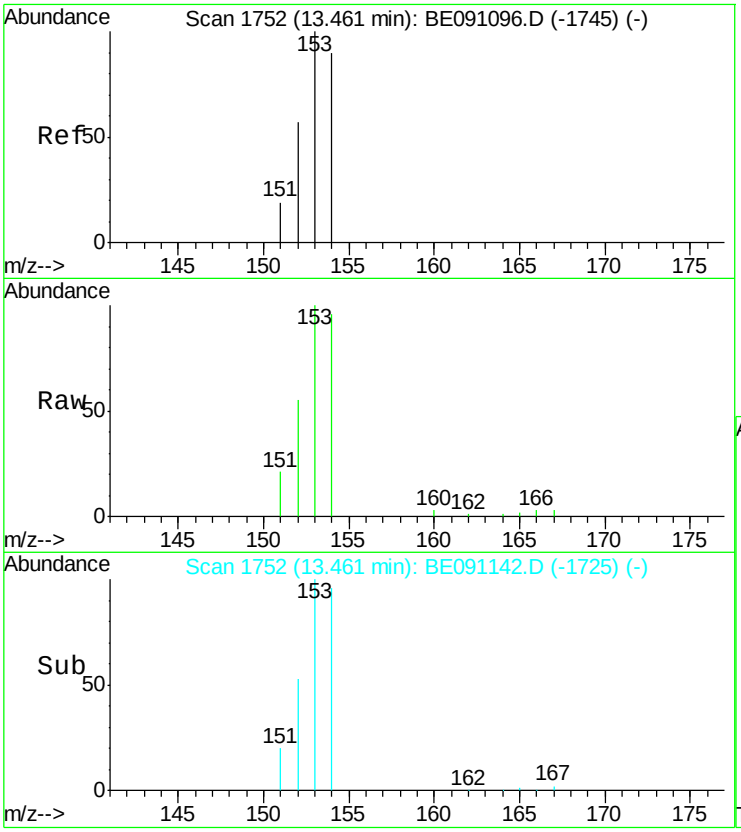


#9
Acenaphthylene
Concen: 0.14 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Tgt Ion:152 Resp: 6012

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	14.5	11.3	16.9



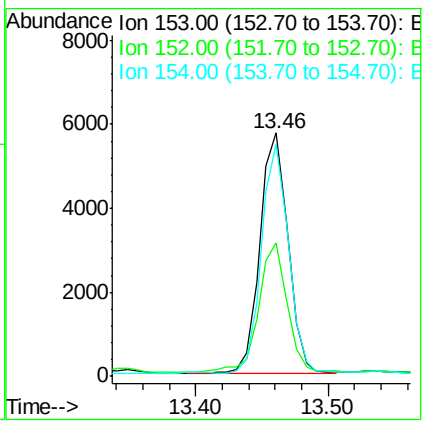


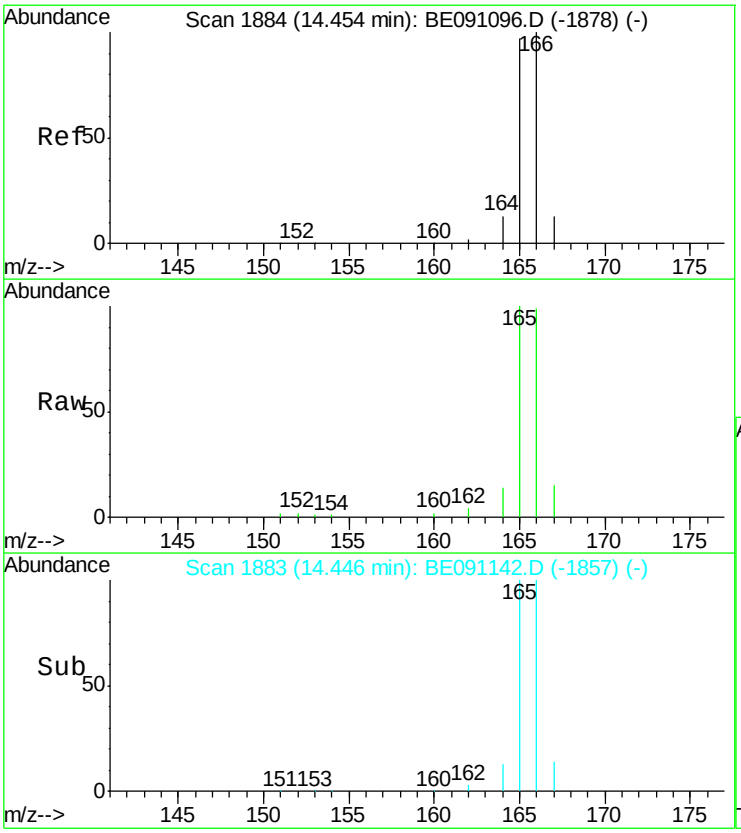
#10
Acenaphthene
Concen: 0.29 ng/ul
RT: 13.46 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Instrument :
BNA_E
ClientSampleId :
A4HS6

Tgt Ion:153 Resp: 8352

Ion	Ratio	Lower	Upper
153	100		
152	54.8	42.3	63.5
154	95.5	64.7	97.1

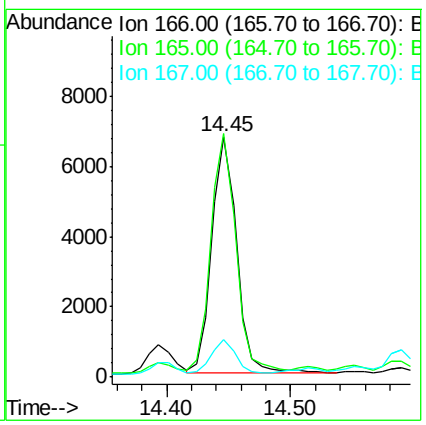


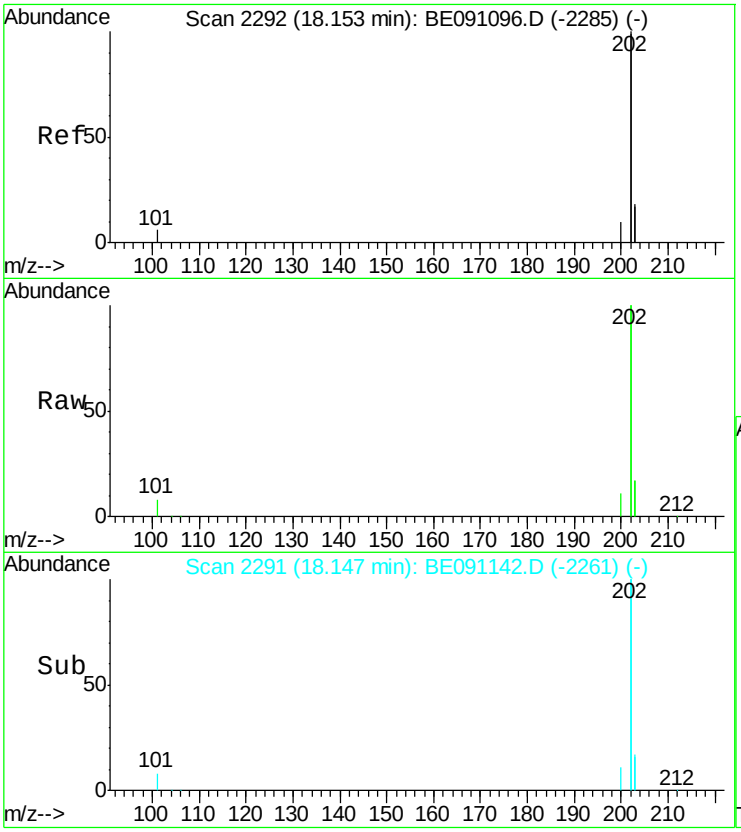


#11
Fluorene
Concen: 0.26 ng/ul
RT: 14.45 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Tgt Ion:166 Resp: 9396

Ion	Ratio	Lower	Upper
166	100		
165	101.4	87.6	131.4
167	15.5	11.1	16.7



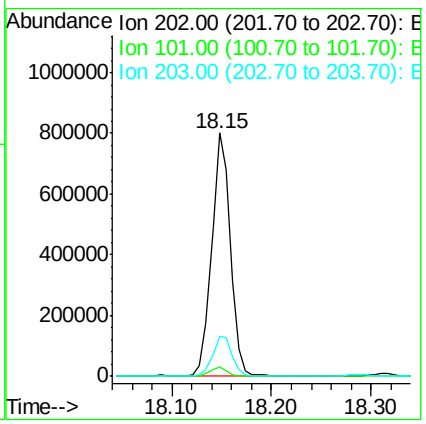


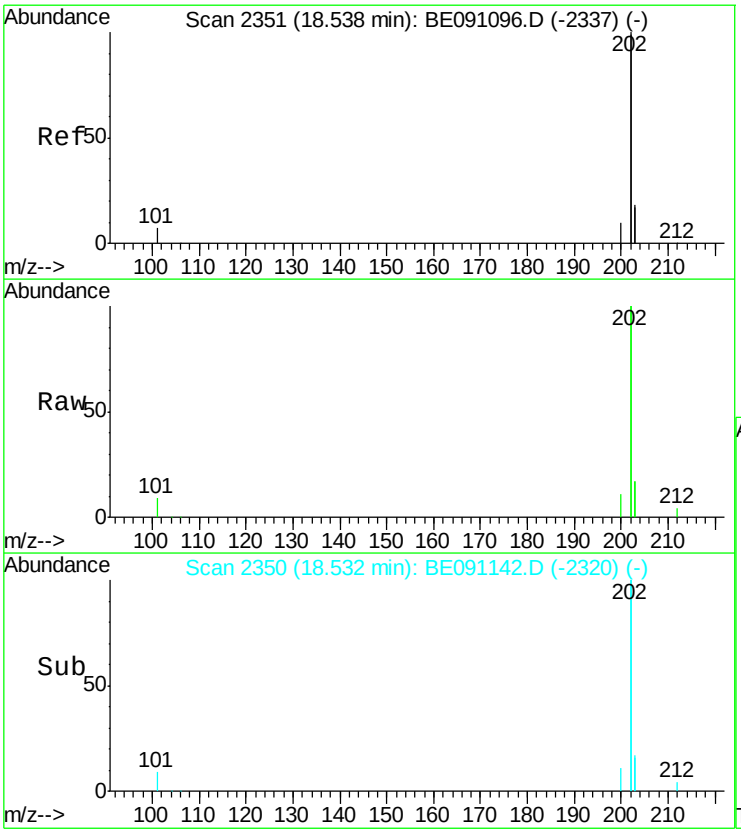
#17
Fluoranthene
Concen: 0.14 ng/ul
RT: 18.15 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Instrument :
BNA_E
ClientSampleId :
A4HS6

Tgt Ion:202 Resp: 1022698

Ion	Ratio	Lower	Upper
202	100		
101	3.8	0.0	33.1
203	16.7	0.0	37.2

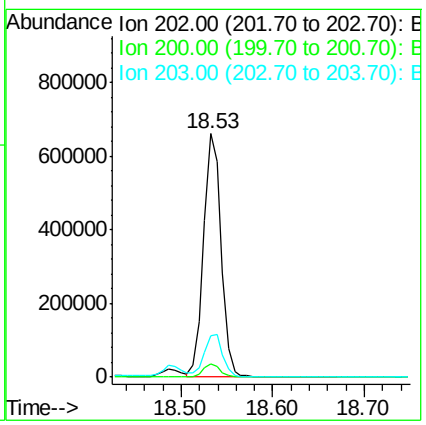


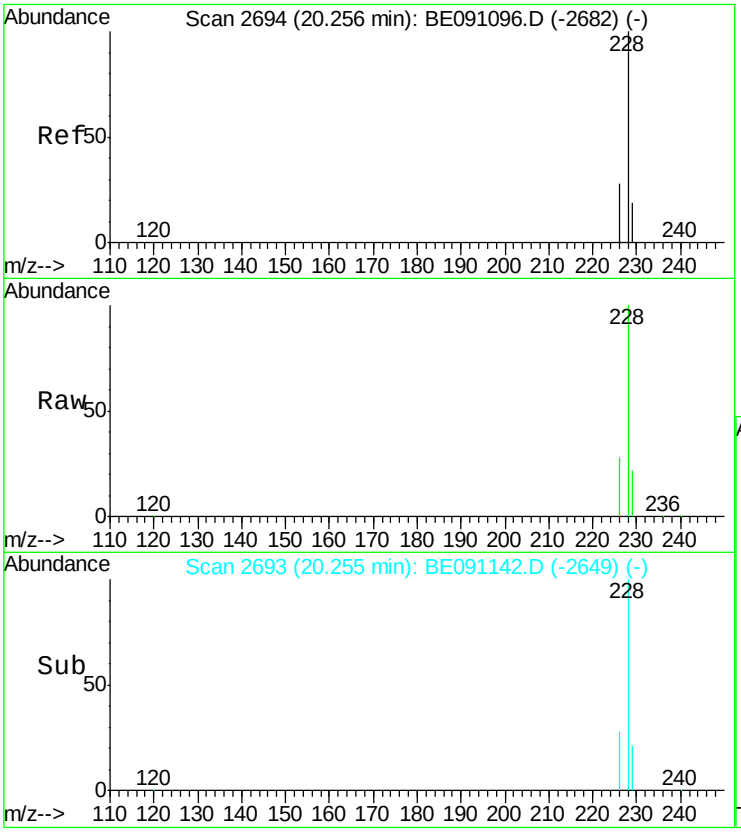


#19
Pyrene
Concen: 2.83 ng/ul
RT: 18.53 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Tgt Ion:202 Resp: 875811

Ion	Ratio	Lower	Upper
202	100		
200	5.6	18.0	27.0#
203	17.1	13.8	20.6



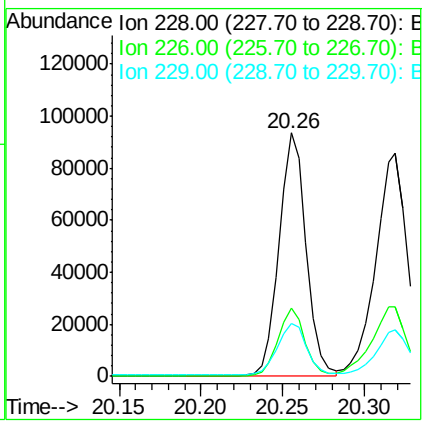


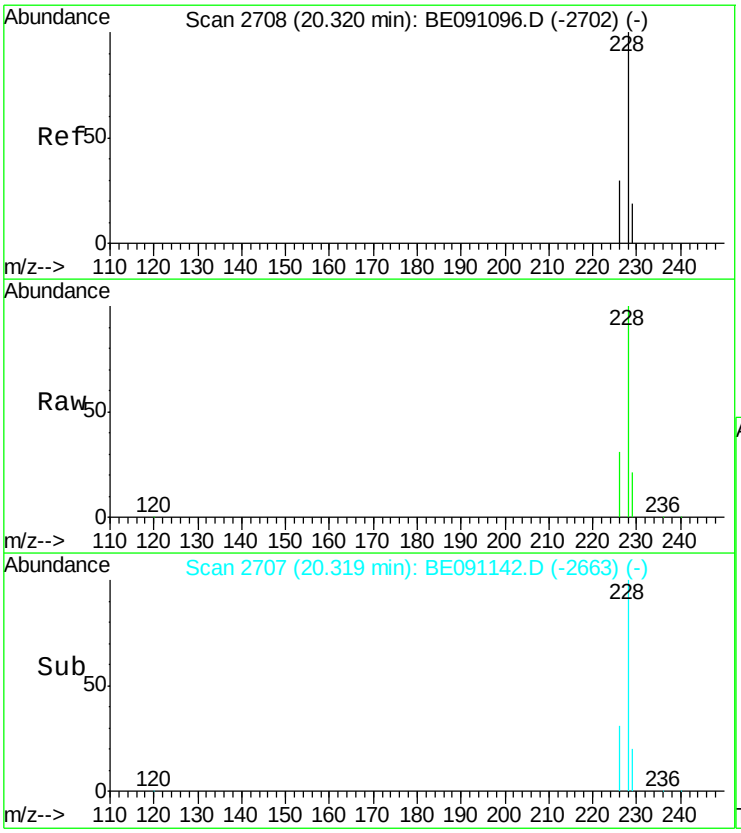
#20
Benzo(a)anthracene
Concen: 1.53 ng/ul
RT: 20.26 min Scan# 2693
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Instrument :
BNA_E
ClientSampleId :
A4HS6

Tgt Ion:228 Resp: 106902

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.4
229	21.7	15.2	22.8

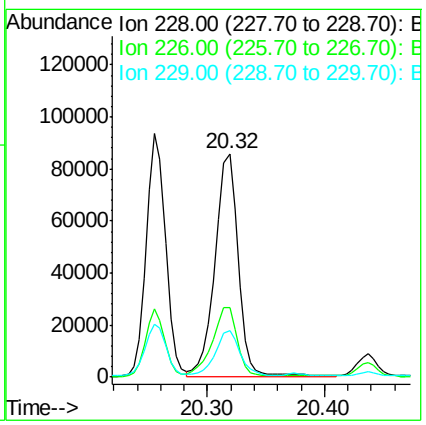


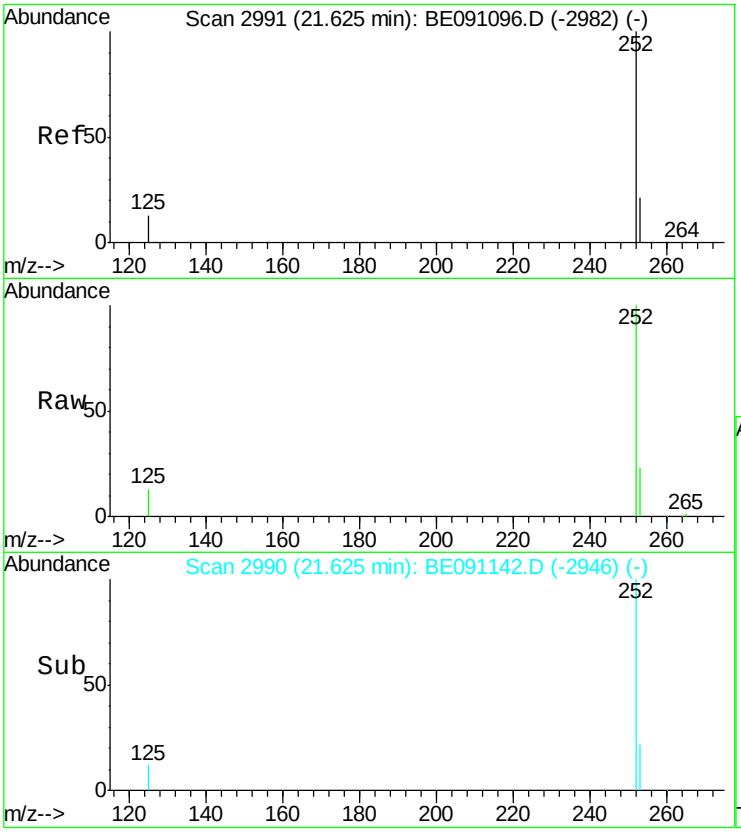


#21
Chrysene
Concen: 1.46 ng/ul
RT: 20.32 min Scan# 2707
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Tgt Ion:228 Resp: 117097

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.7	38.5
229	20.6	15.2	22.8



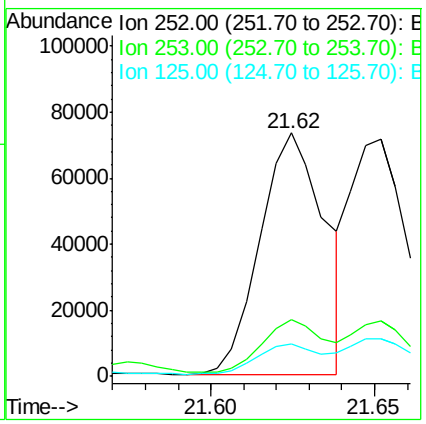


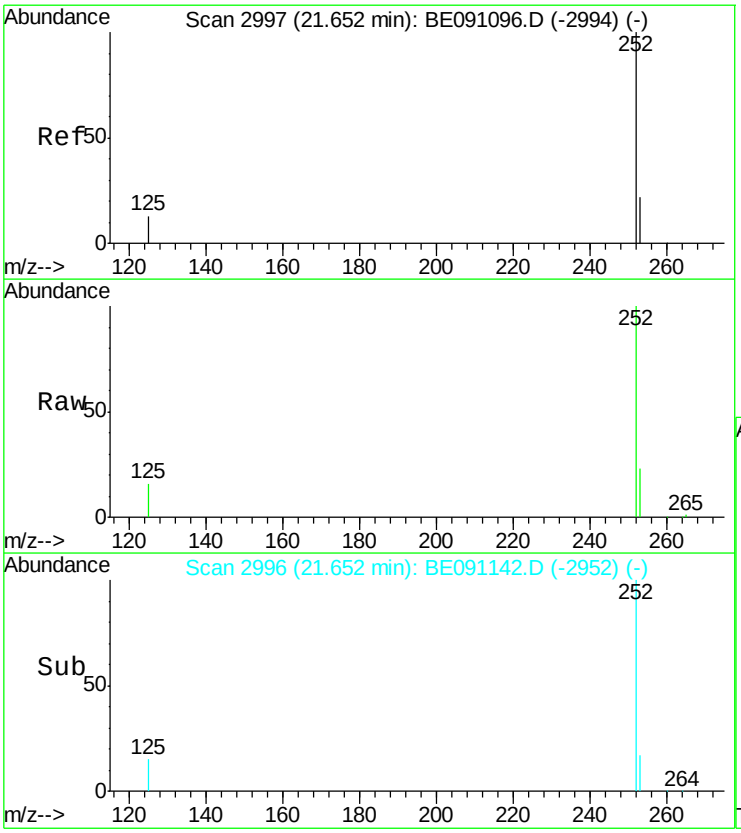
#23
Benzo(b)fluoranthene
Concen: 1.07 ng/ul
RT: 21.62 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Instrument :
BNA_E
ClientSampleId :
A4HS6

Tgt Ion:252 Resp: 100157

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	48.0
125	13.1	0.0	36.6

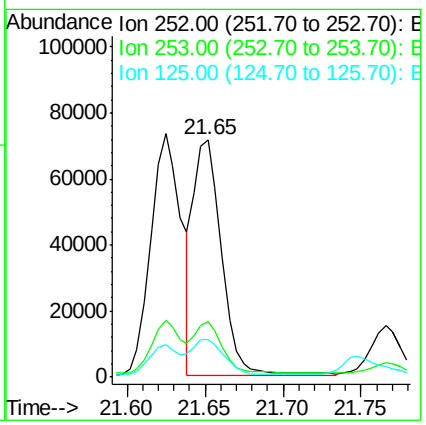


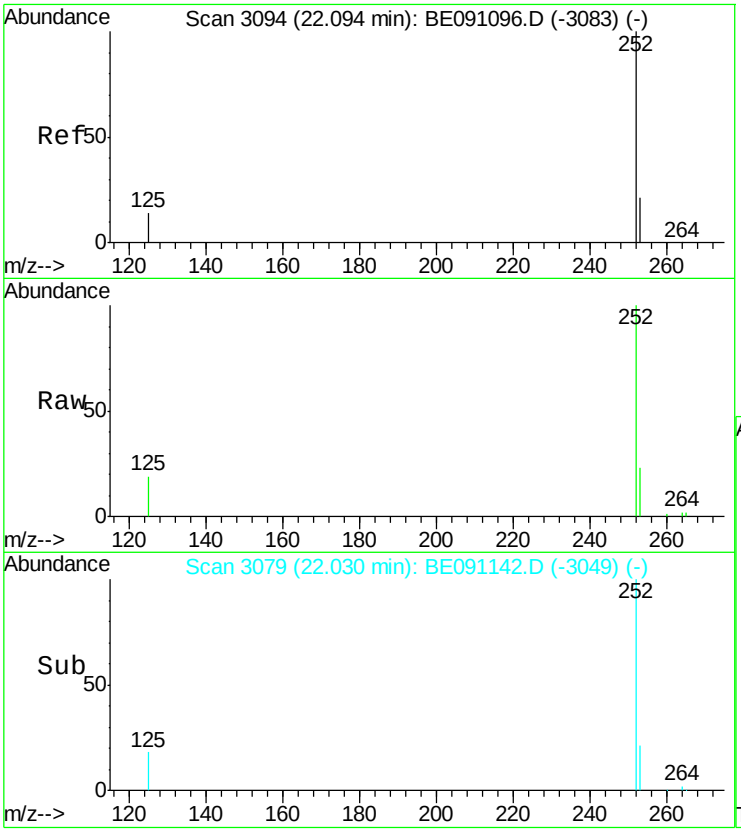


#24
Benzo(k)fluoranthene
Concen: 0.93 ng/ul
RT: 21.65 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Tgt Ion:252 Resp: 88717

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.8	31.2
125	16.0	12.2	18.4



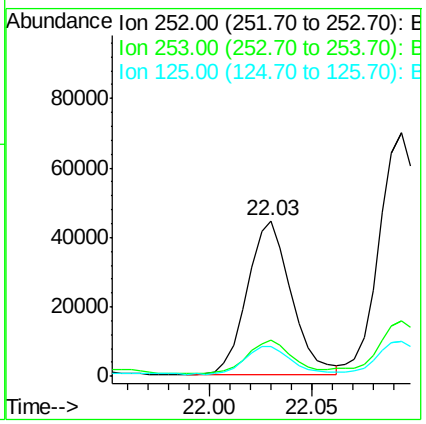


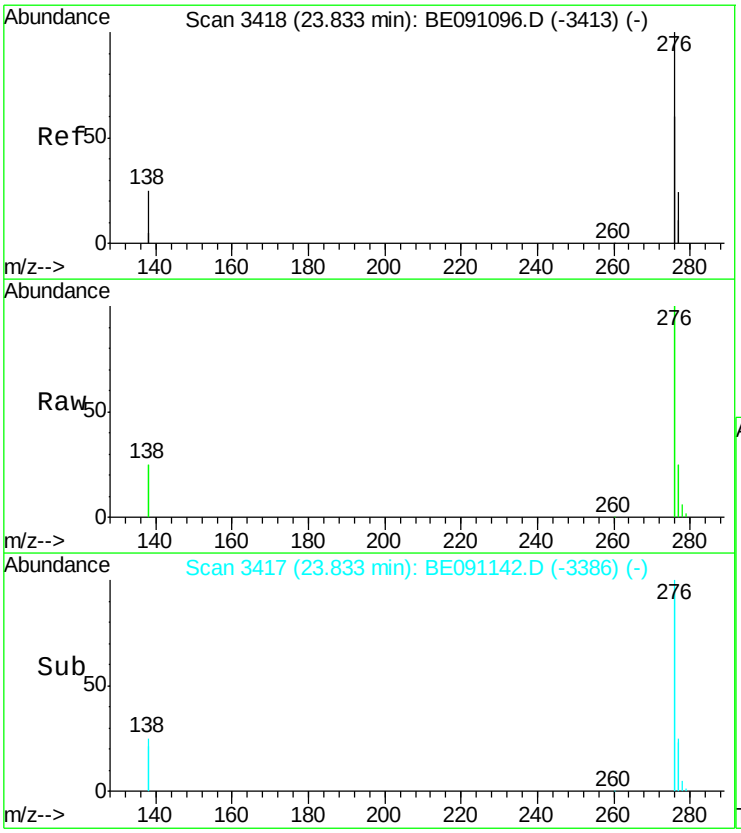
#25
Benzo(a)pyrene
Concen: 0.77 ng/ul
RT: 22.03 min Scan# 3079
Delta R.T. -0.06 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Instrument :
BNA_E
ClientSampleId :
A4HS6

Tgt Ion:252 Resp: 65927

Ion	Ratio	Lower	Upper
252	100		
253	23.0	21.8	32.8
125	19.4	14.5	21.7

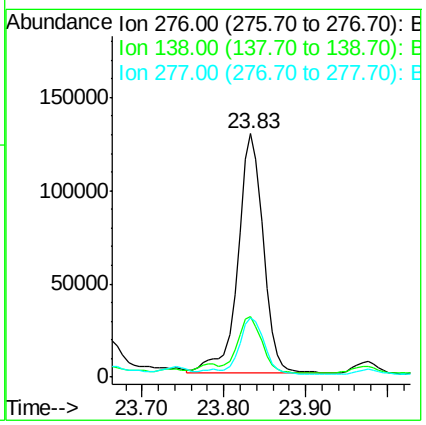


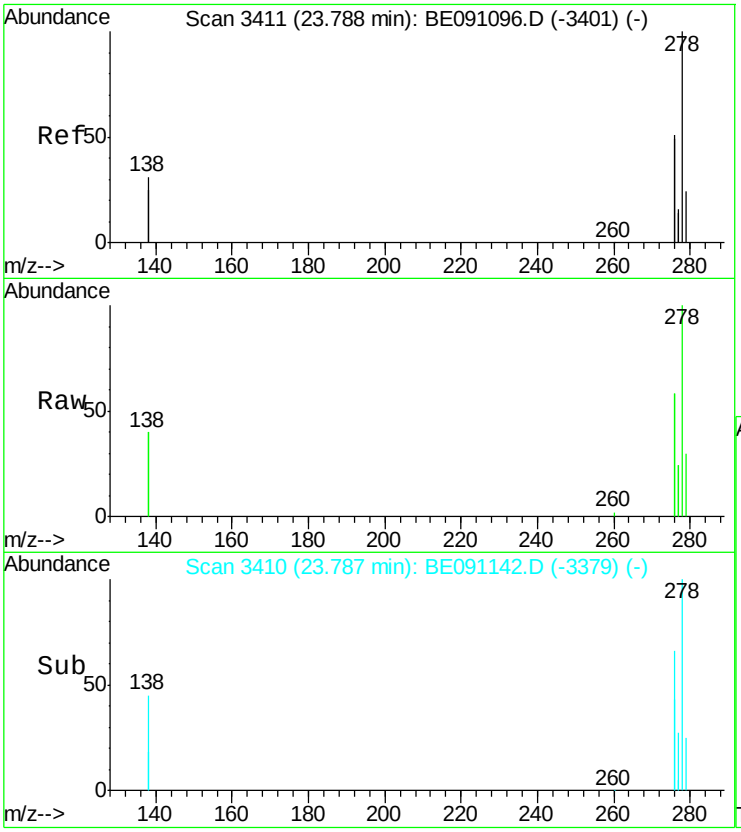


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.76 ng/ul
RT: 23.83 min Scan# 3417
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Tgt Ion:276 Resp: 275833

Ion	Ratio	Lower	Upper
276	100		
138	22.8	27.5	41.3#
277	24.1	19.3	28.9



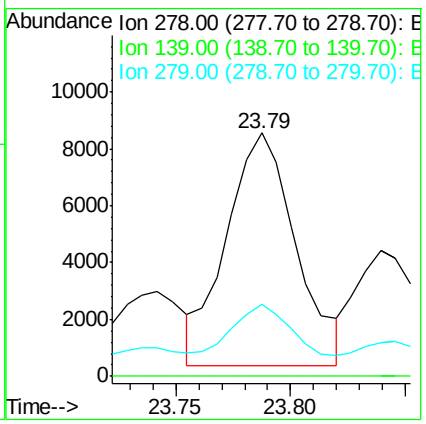


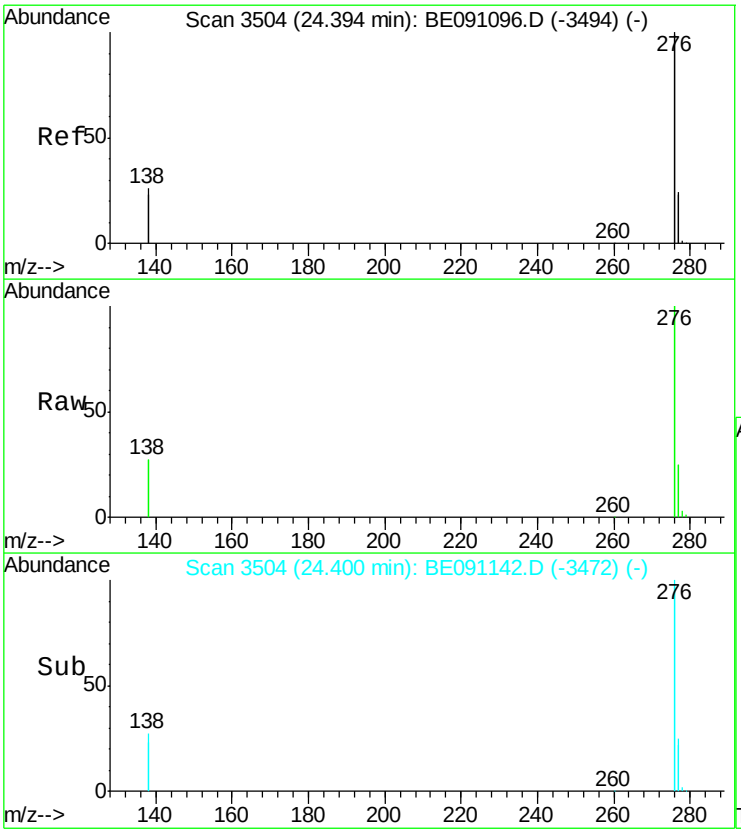
#27
Dibenzo(a,h)anthracene
Concen: 0.20 ng/ul
RT: 23.79 min Scan# 3410
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Instrument :
BNA_E
ClientSampleId :
A4HS6

Tgt Ion:278 Resp: 17328

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	29.7	21.9	32.9





#28
Benzo(g,h,i)perylene
Concen: 0.62 ng/ul
RT: 24.40 min Scan# 3504
Delta R.T. 0.01 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Tgt Ion:276 Resp: 233767

Ion	Ratio	Lower	Upper
276	100		
277	25.0	21.3	31.9
138	27.1	25.5	38.3