Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
Data File : BE091070.D
Acq On : 5 Nov 2015 15:08
Operator : UM/NP
Sample : G4273-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AP3

Quant Time: Nov 06 05:44:31 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 06 05:41:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	4398	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	24148	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	14421	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.22	188	1513722	0.40	ng/ul	0.09
18) Chrysene-d12	20.41	240	1100	0.40	ng/ul	0.12
22) Perylene-d12	22.32	264	22260	0.40	ng/ul	0.13
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	20806	6.58	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	7549	0.23	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	24861	0.01	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	9.61	128	89880	1.51	ng/ul	98
7) 2-Methylnaphthalene	11.14	142	200138	5.16	ng/ul	98
9) Acenaphthylene	13.14	152	137293	1.91	ng/ul	98
10) Acenaphthene	13.46	153	892122	18.09	ng/ul	92
11) Fluorene	14.45	166	1068131	16.86	ng/ul	91
14) Phenanthrene	16.17	178	13256160	0.76	ng/ul	97
15) Anthracene	16.26	178	6400924	0.40	ng/ul	95
17) Fluoranthene	18.32	202	2192200	0.11	ng/ul	89
19) Pyrene	18.55	202	13773357	1102.14	ng/ul#	76
20) Benzo(a)anthracene	20.33	228	1693681	599.55	ng/ul	93
21) Chrysene	20.33	228	1677245	515.46	ng/ul	97
23) Benzo(b)fluoranthene	21.77	252	390347	5.62	ng/ul	97
24) Benzo(k)fluoranthene	21.77	252	390347	5.47	ng/ul	96
25) Benzo(a)pyrene	22.23	252	246416	3.85	ng/ul	93
26) Indeno(1,2,3-cd)pyrene	23.98	276	199444	0.74	ng/ul#	64
27) Dibenzo(a,h)anthracene	23.98	278	190177	2.96	ng/ul#	73
28) Benzo(g,h,i)perylene	24.67	276	765027	2.70	ng/ul	96

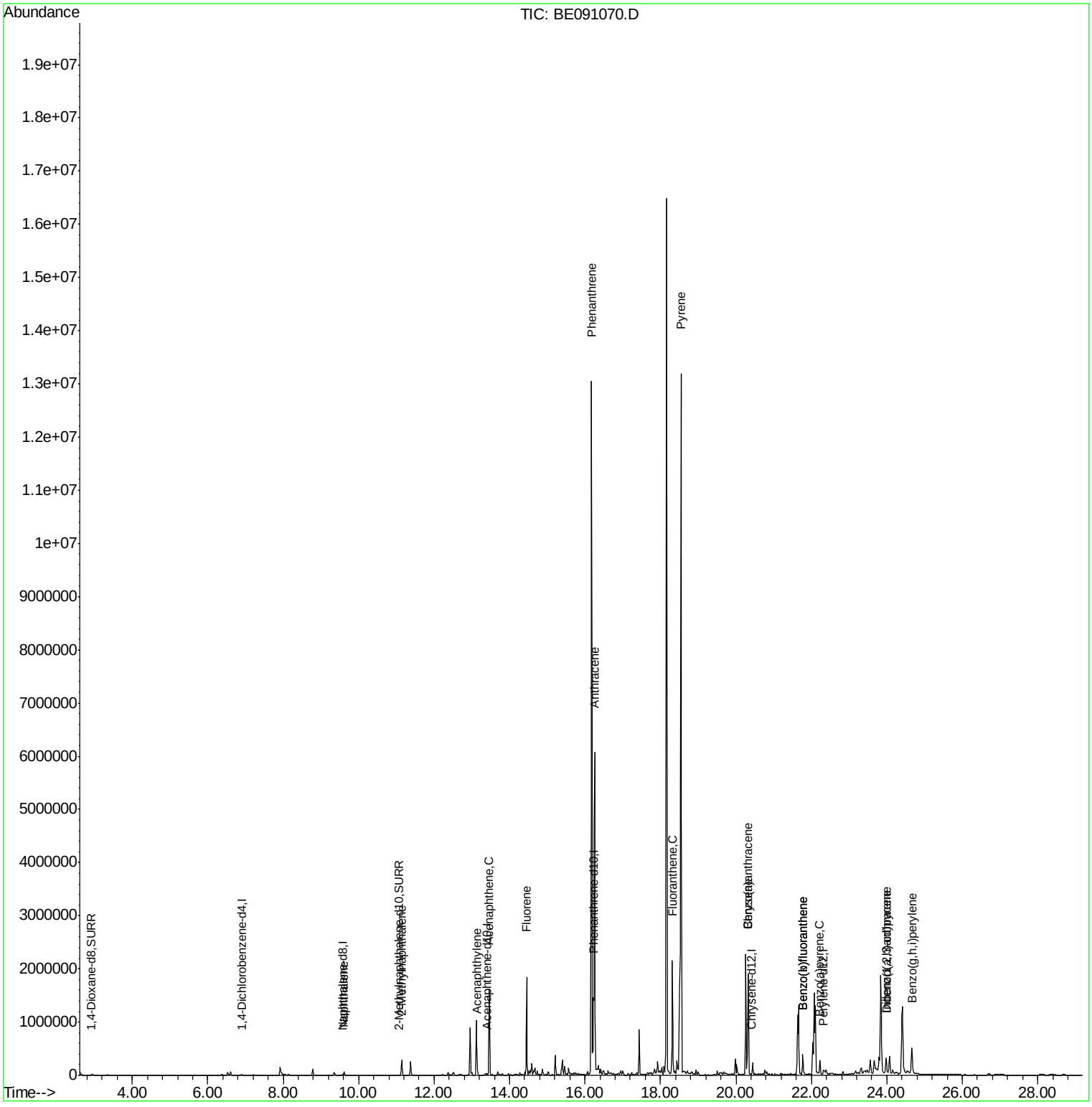
(#) = qualifier out of range (m) = manual integration (+) = signals summed

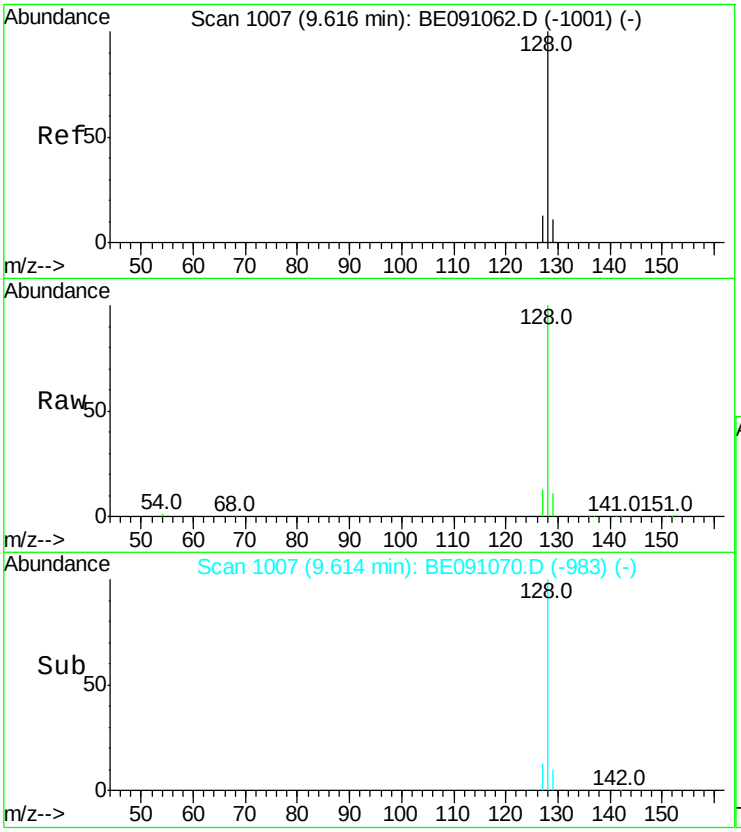
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
Data File : BE091070.D
Acq On : 5 Nov 2015 15:08
Operator : UM/NP
Sample : G4273-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AP3

Quant Time: Nov 06 05:44:31 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 06 05:41:57 2015
Response via : Initial Calibration



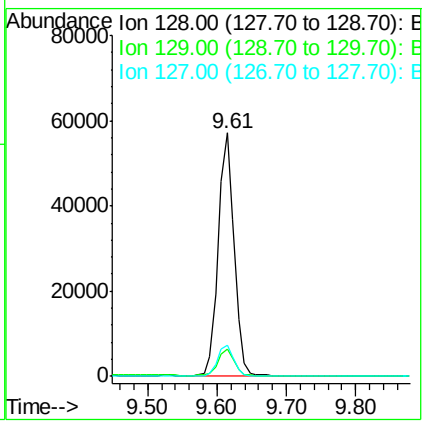


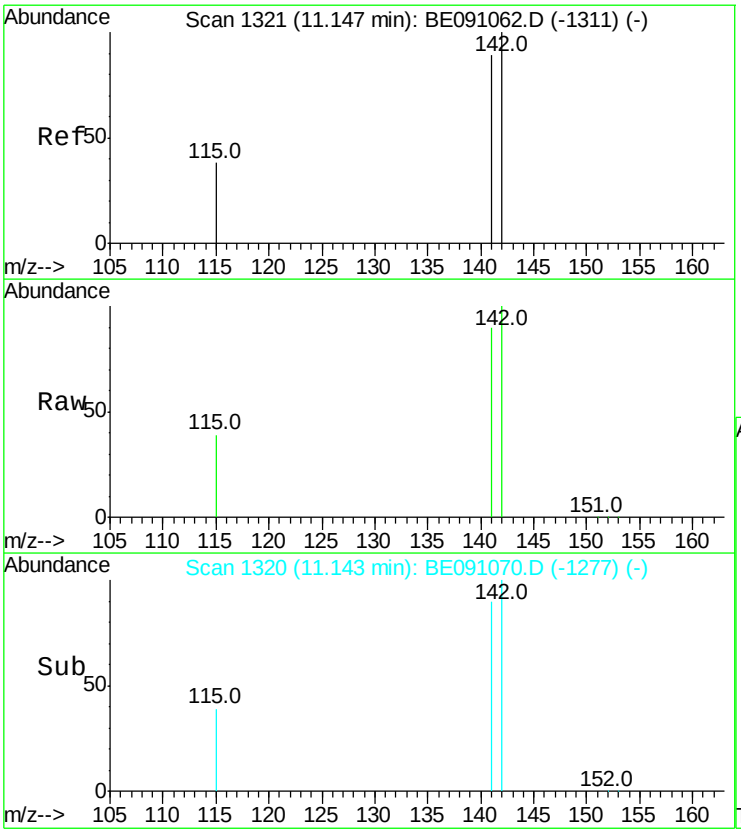
#5
Naphthalene
Concen: 1.51 ng/ul
RT: 9.61 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Instrument :
BNA_E
ClientSampleId :
C0AP3

Tgt Ion:128 Resp: 89880

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.8
127	12.9	10.7	16.1

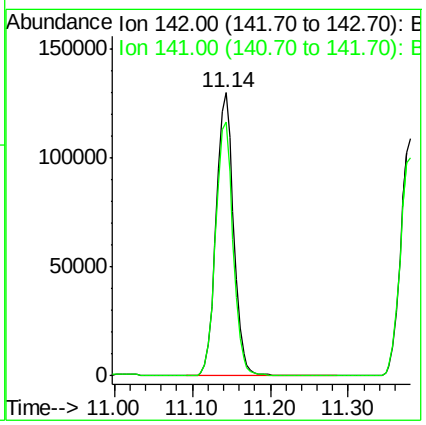


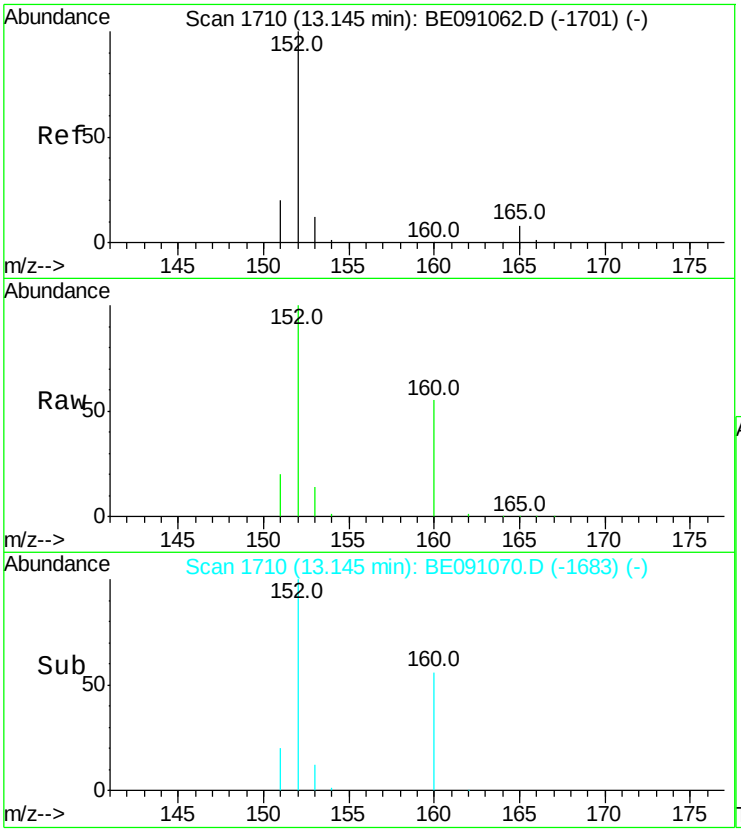


#7
2-Methylnaphthalene
Concen: 5.16 ng/ul
RT: 11.14 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Tgt Ion:142 Resp: 200138

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.3	105.5



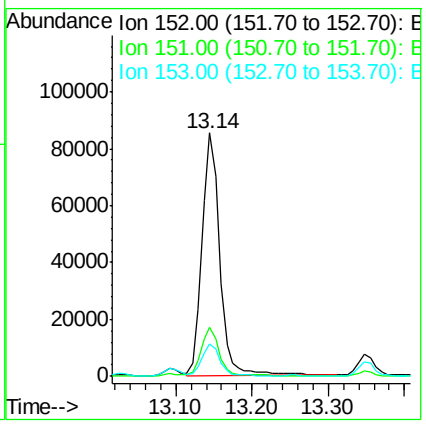


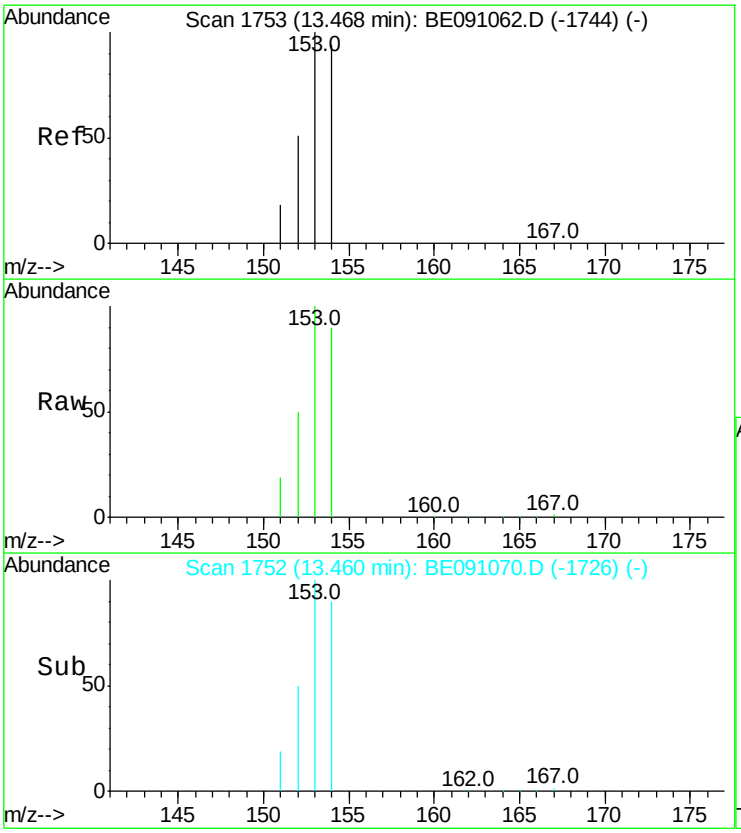
#9
Acenaphthylene
Concen: 1.91 ng/ul
RT: 13.14 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Instrument :
BNA_E
ClientSampleId :
C0AP3

Tgt Ion:152 Resp: 137293

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.5	11.3	16.9

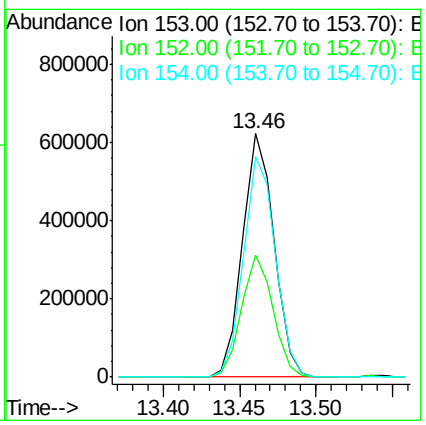


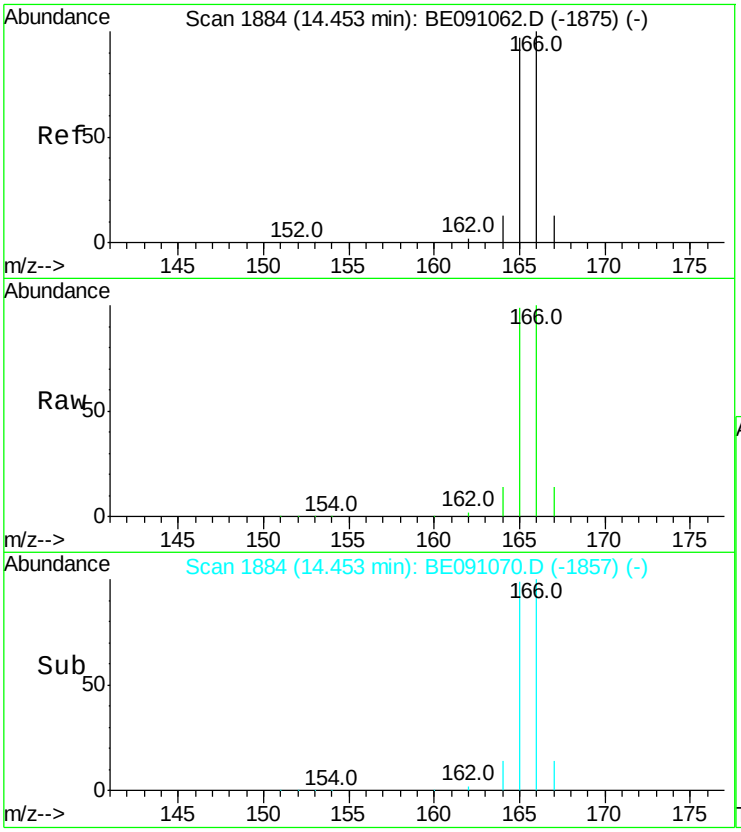


#10
Acenaphthene
Concen: 18.09 ng/ul
RT: 13.46 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Tgt Ion:153 Resp: 892122

Ion	Ratio	Lower	Upper
153	100		
152	50.2	42.3	63.5
154	90.4	64.7	97.1



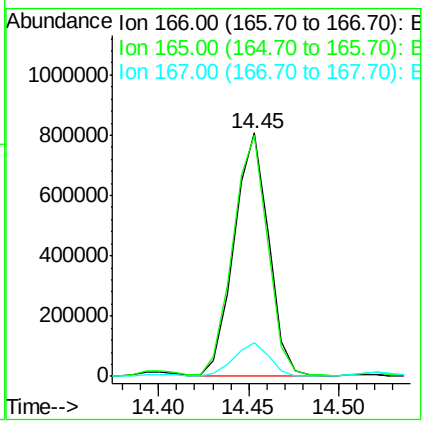


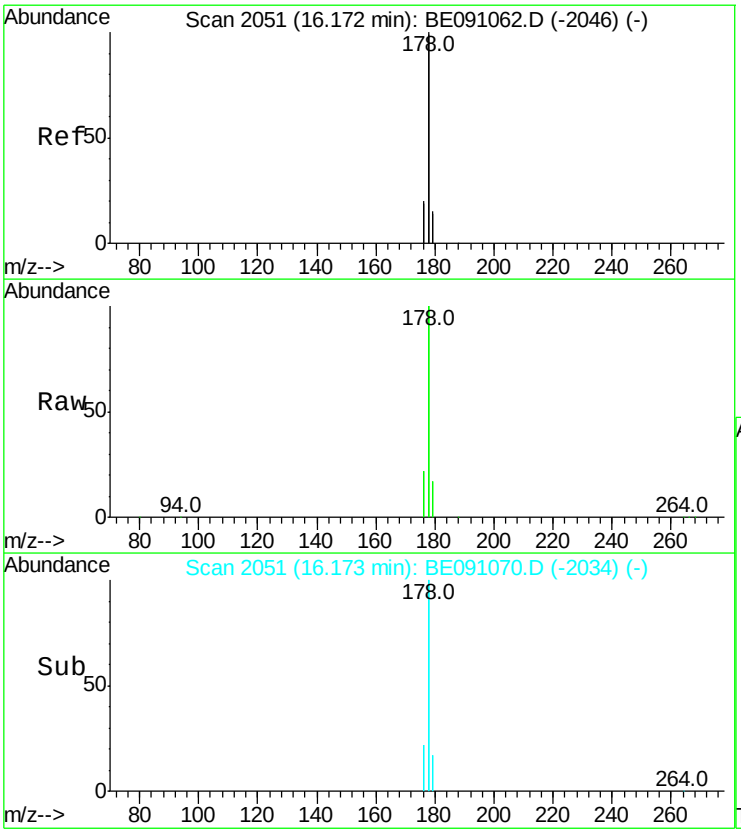
#11
Fluorene
Concen: 16.86 ng/ul
RT: 14.45 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Instrument :
BNA_E
ClientSampleId :
C0AP3

Tgt Ion:166 Resp: 1068131

Ion	Ratio	Lower	Upper
166	100		
165	98.9	87.6	131.4
167	14.0	11.1	16.7

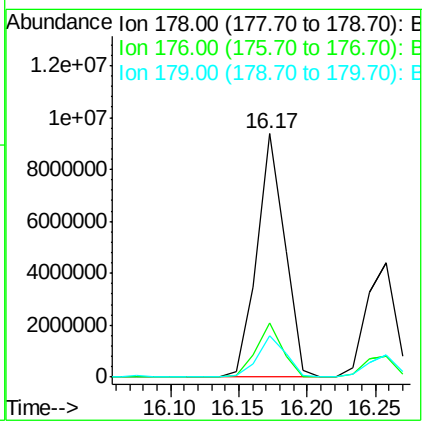


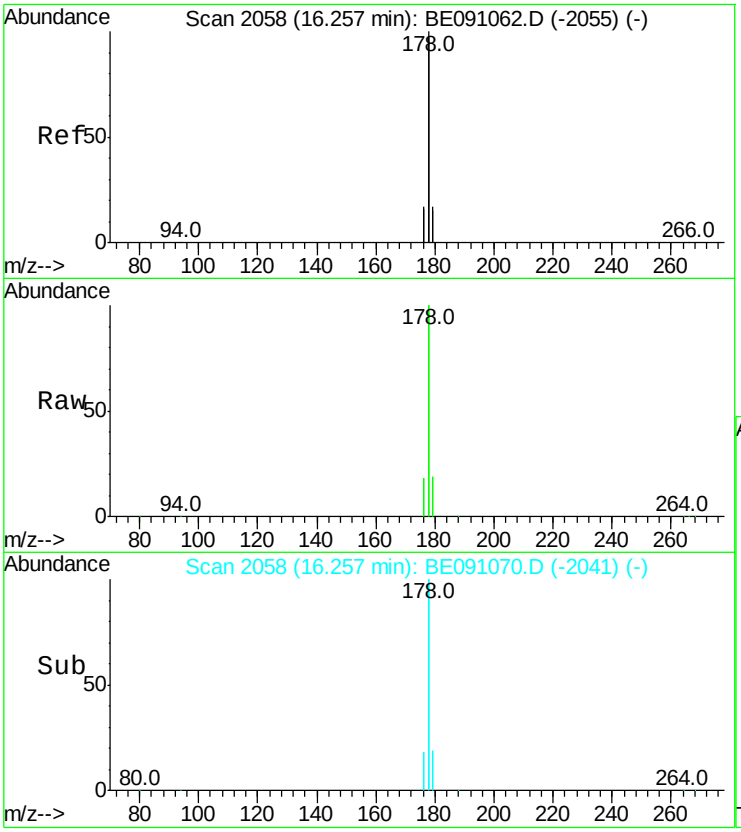


#14
Phenanthrene
Concen: 0.76 ng/ul
RT: 16.17 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Tgt Ion:178 Resp:13256160

Ion	Ratio	Lower	Upper
178	100		
176	22.2	16.2	24.4
179	16.9	12.8	19.2



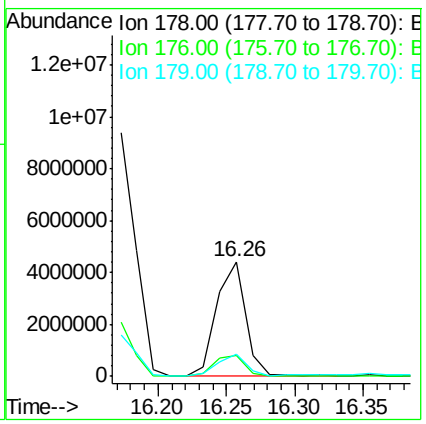


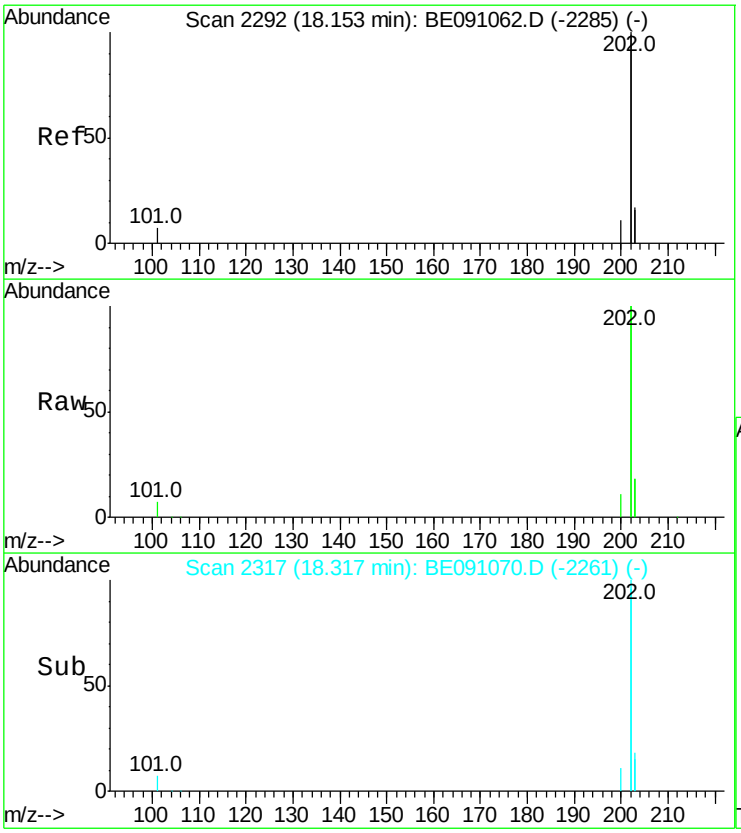
#15
Anthracene
Concen: 0.40 ng/ul
RT: 16.26 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Instrument :
BNA_E
ClientSampleId :
C0AP3

Tgt Ion:178 Resp: 6400924

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	19.4	13.3	19.9

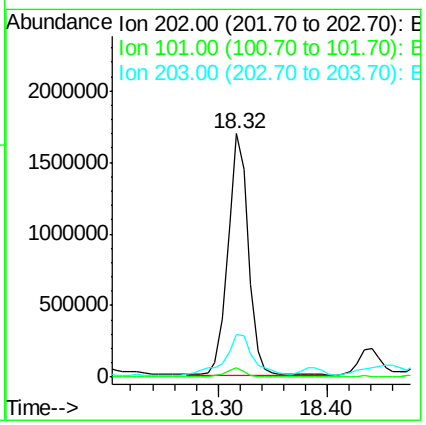


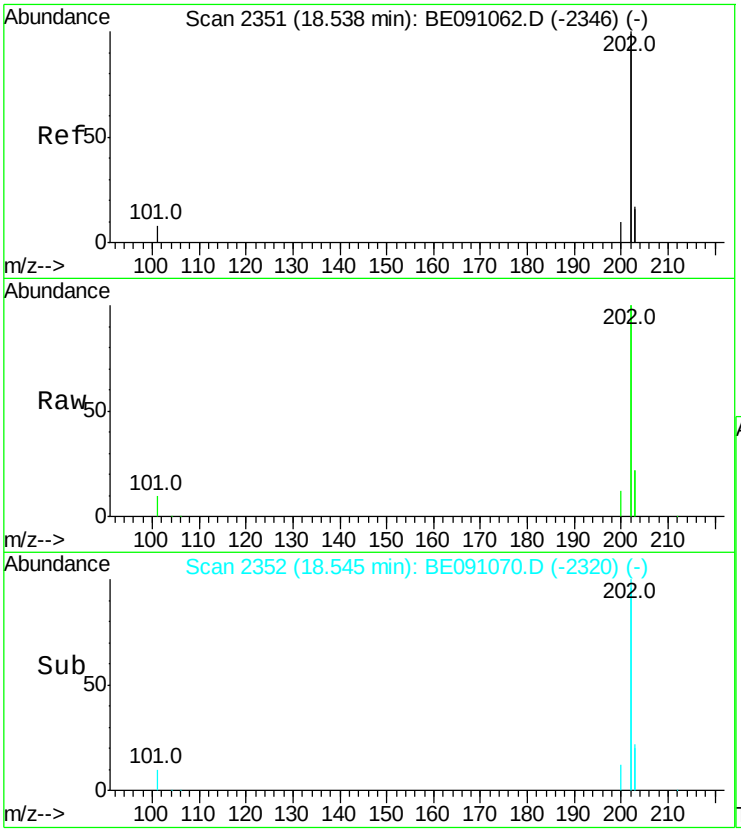


#17
Fluoranthene
Concen: 0.11 ng/ul
RT: 18.32 min Scan# 2317
Delta R.T. 0.16 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Tgt Ion:202 Resp: 2192200

Ion	Ratio	Lower	Upper
202	100		
101	3.6	0.0	33.1
203	17.6	0.0	37.2



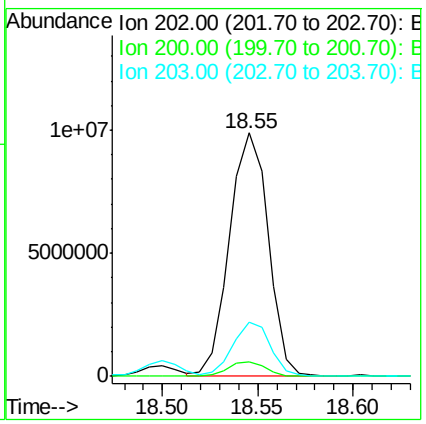


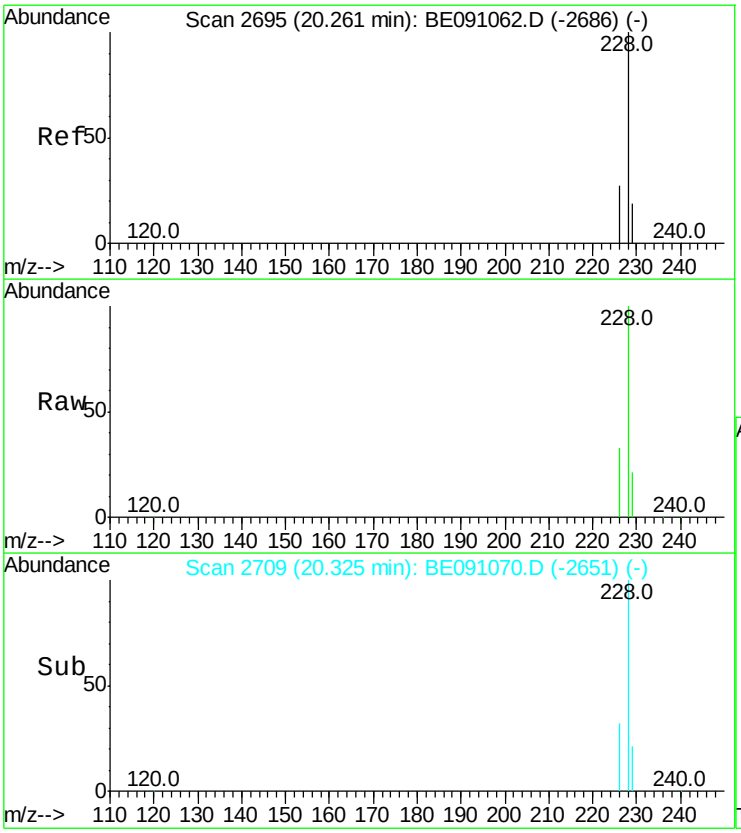
#19
Pyrene
Concen: 1102.14 ng/ul
RT: 18.55 min Scan# 2352
Delta R.T. 0.01 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Instrument :
BNA_E
ClientSampleId :
C0AP3

Tgt Ion:202 Resp:13773357

Ion	Ratio	Lower	Upper
202	100		
200	6.1	18.0	27.0#
203	22.0	13.8	20.6#

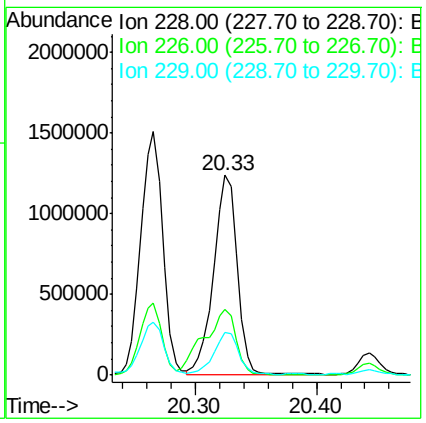


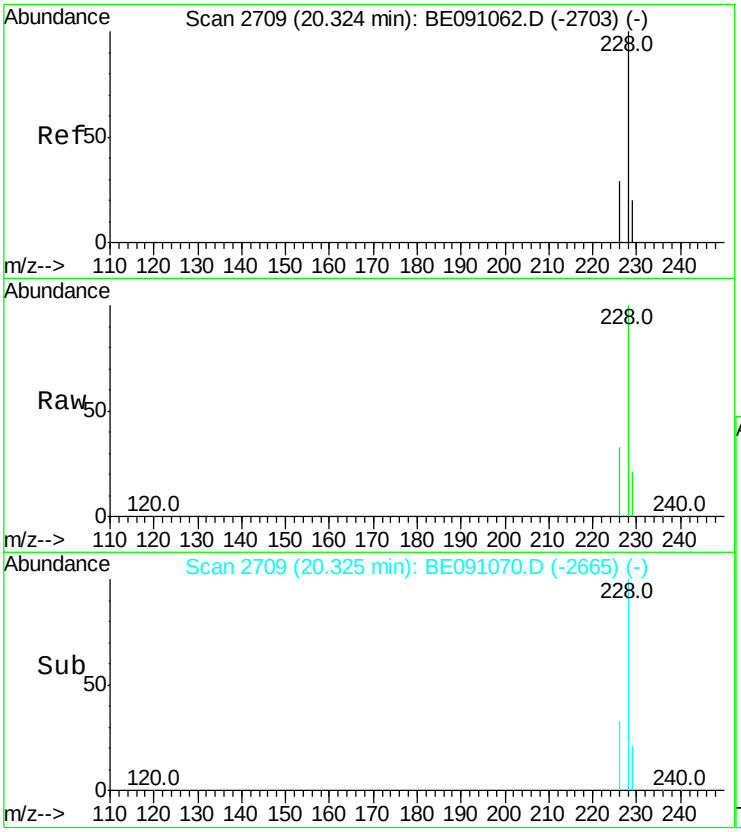


#20
Benzo(a)anthracene
Concen: 599.55 ng/ul
RT: 20.33 min Scan# 2709
Delta R.T. 0.06 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Tgt Ion:228 Resp: 1693681

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.0	34.4
229	21.4	15.2	22.8



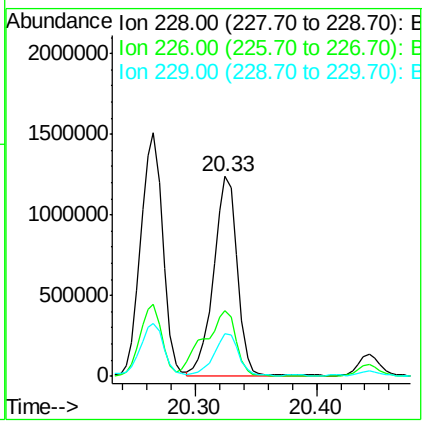


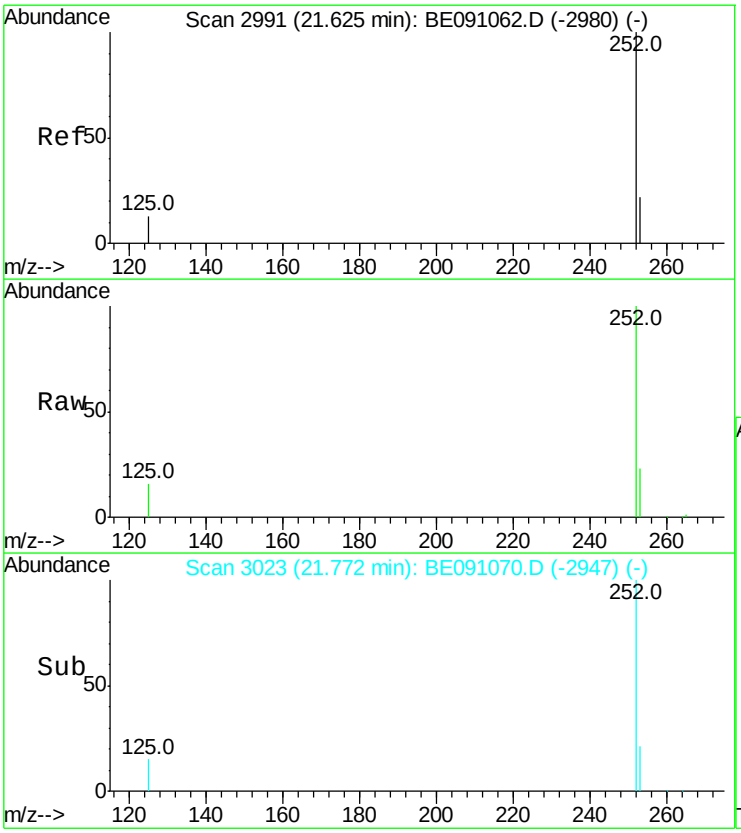
#21
Chrysene
Concen: 515.46 ng/ul
RT: 20.33 min Scan# 2709
Delta R.T. 0.00 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Instrument :
BNA_E
ClientSampleId :
C0AP3

Tgt Ion:228 Resp: 1677245

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.7	38.5
229	21.4	15.2	22.8

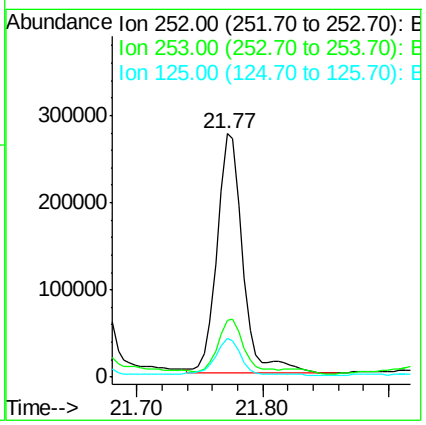


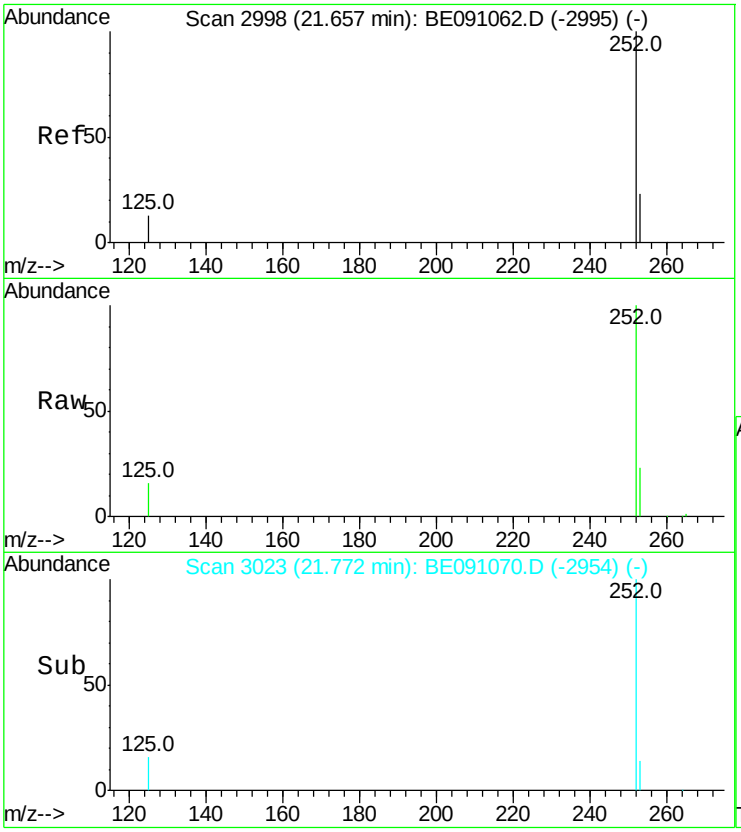


#23
Benzo(b)fluoranthene
Concen: 5.62 ng/ul
RT: 21.77 min Scan# 3023
Delta R.T. 0.15 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Tgt Ion:252 Resp: 390347

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	48.0
125	16.1	0.0	36.6



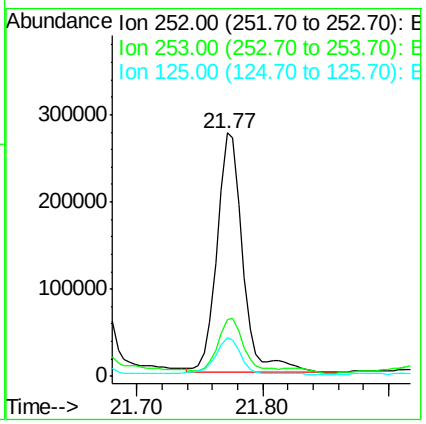


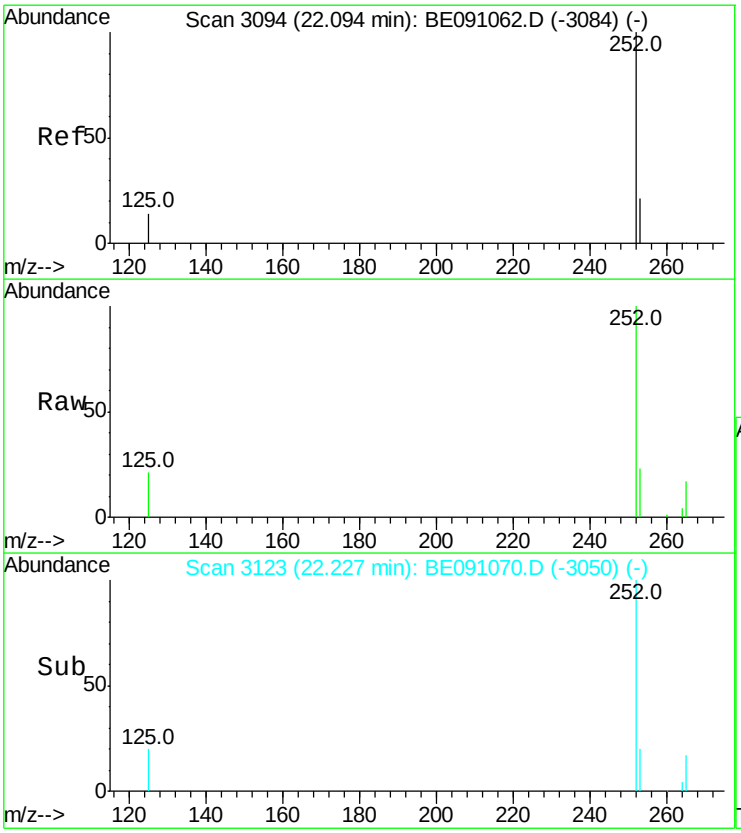
#24
Benzo(k)fluoranthene
Concen: 5.47 ng/ul
RT: 21.77 min Scan# 3023
Delta R.T. 0.11 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Instrument :
BNA_E
ClientSampleId :
C0AP3

Tgt Ion:252 Resp: 390347

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.8	31.2
125	16.1	12.2	18.4

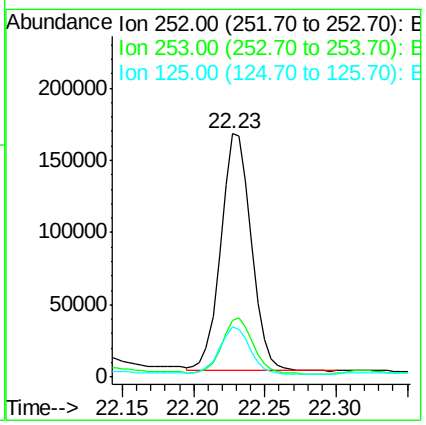


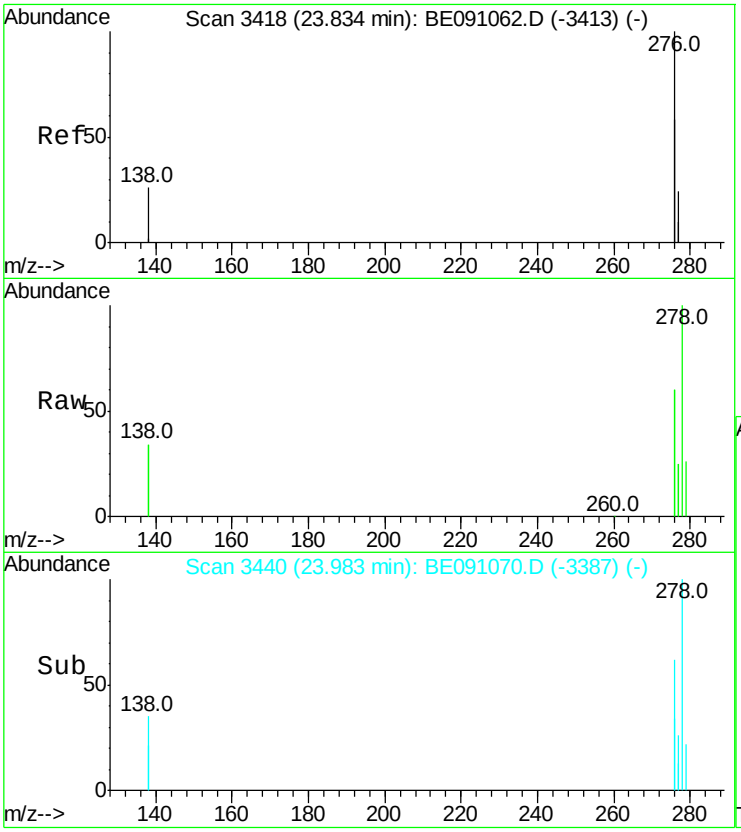


#25
Benzo(a)pyrene
Concen: 3.85 ng/ul
RT: 22.23 min Scan# 3123
Delta R.T. 0.13 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Tgt Ion:252 Resp: 246416

Ion	Ratio	Lower	Upper
252	100		
253	23.5	21.8	32.8
125	20.6	14.5	21.7



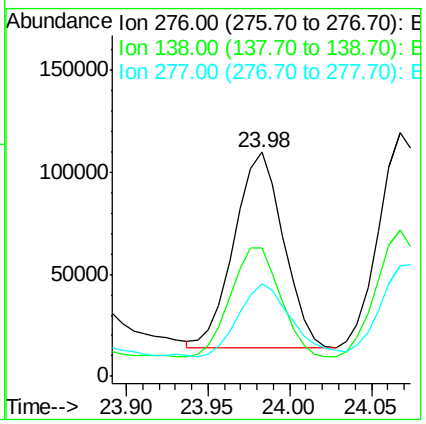


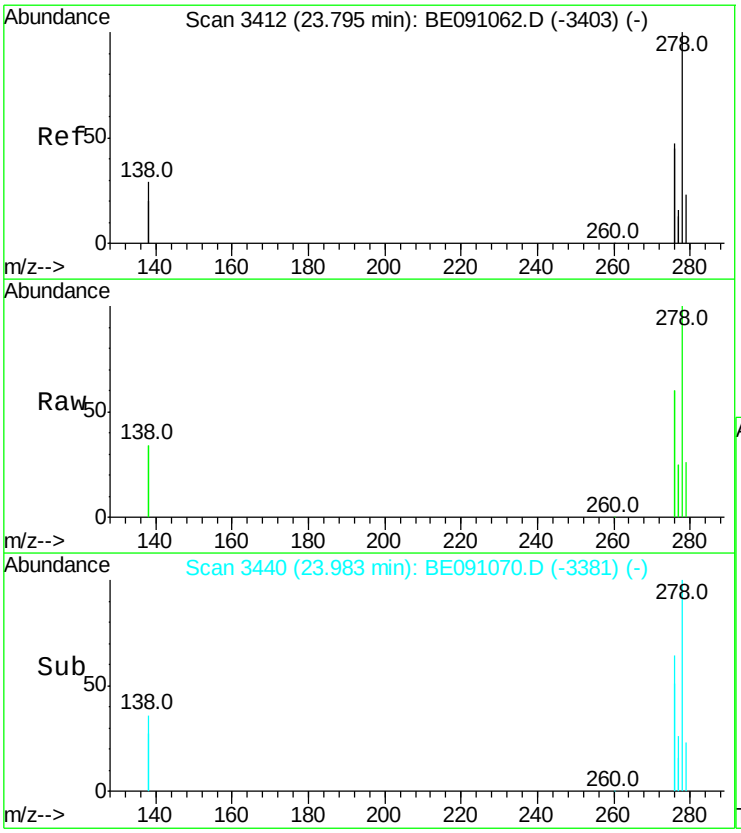
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.74 ng/ul
RT: 23.98 min Scan# 3440
Delta R.T. 0.15 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Instrument :
BNA_E
ClientSampleId :
C0AP3

Tgt Ion:276 Resp: 199444

Ion	Ratio	Lower	Upper
276	100		
138	56.6	27.5	41.3#
277	40.0	19.3	28.9#

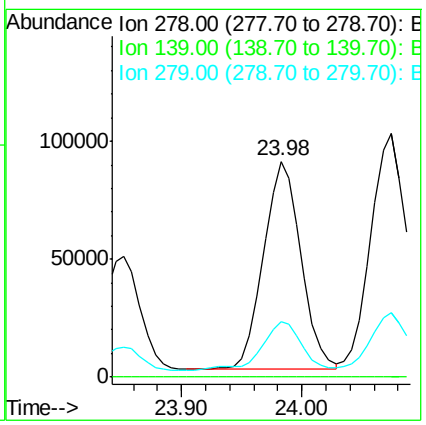


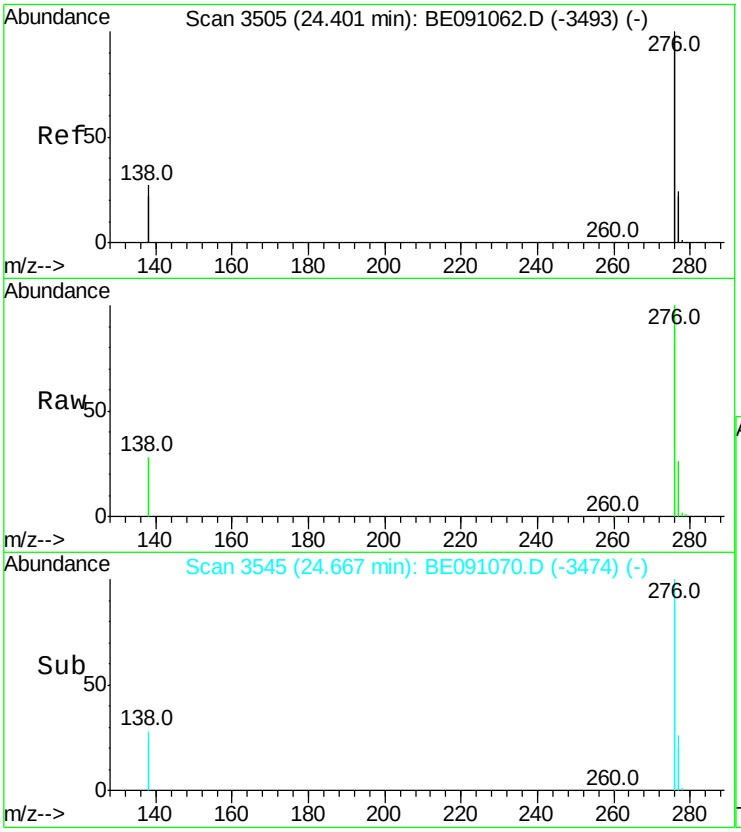


#27
Dibenzo(a,h)anthracene
Concen: 2.96 ng/ul
RT: 23.98 min Scan# 3440
Delta R.T. 0.19 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Tgt Ion:278 Resp: 190177

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	26.0	21.9	32.9





#28
Benzo(g,h,i)perylene
Concen: 2.70 ng/ul
RT: 24.67 min Scan# 3545
Delta R.T. 0.27 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Instrument :
BNA_E
ClientSampleId :
C0AP3

Tgt Ion:276 Resp: 765027

Ion	Ratio	Lower	Upper
276	100		
277	26.2	21.3	31.9
138	28.2	25.5	38.3