Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120115\
Data File : BE091328.D
Acq On : 1 Dec 2015 15:23
Operator : UM/NP
Sample : SSTD3.297
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTD3.297

Quant Time: Dec 01 15:54:12 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE120115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 15:48:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	2607	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.55	136	12917	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	5346	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	15500	0.40	ng/ul	0.00
18) Chrysene-d12	20.22	240	19735	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	11730	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.89	96	24847	2.78	ng/uL	-0.06
6) 2-Methylnaphthalene-d10	11.05	152	37612	3.01	ng/ul	-0.03
16) Fluoranthene-d10	18.06	212	113489	3.67	ng/ul	-0.01
Target Compounds						Qvalue
3) 1,4-Dioxane	2.92	88	28605	2.91	ng/ul#	67
5) Naphthalene	9.59	128	78792	2.95	ng/ul	98
7) 2-Methylnaphthalene	11.12	142	48807	3.37	ng/ul	91
9) Acenaphthylene	13.11	152	83287	3.50	ng/ul	97
10) Acenaphthene	13.41	153	56929	3.33	ng/ul#	85
11) Fluorene	14.40	166	79391	3.50	ng/ul	93
13) Pentachlorophenol	15.84	266	2436	3.72	ng/ul	96
14) Phenanthrene	16.11	178	499714	3.32	ng/ul	97
15) Anthracene	16.20	178	501336	3.77	ng/ul	97
17) Fluoranthene	18.09	202	637486	3.93	ng/ul	90
19) Pyrene	18.48	202	546582	3.02	ng/ul#	78
20) Benzo(a)anthracene	20.20	228	120127	3.44	ng/ul	96
21) Chrysene	20.26	228	154175	2.89	ng/ul	98
23) Benzo(b)fluoranthene	21.55	252	123064	3.83	ng/ul	92
24) Benzo(k)fluoranthene	21.58	252	146536	3.94	ng/ul	93
25) Benzo(a)pyrene	22.01	252	116688	3.78	ng/ul#	91
26) Indeno(1,2,3-cd)pyrene	23.70	276	480755	3.93	ng/ul#	91
27) Dibenzo(a,h)anthracene	23.65	278	102413	4.32	ng/ul#	71
28) Benzo(g,h,i)perylene	24.25	276	462807	3.70	ng/ul	93

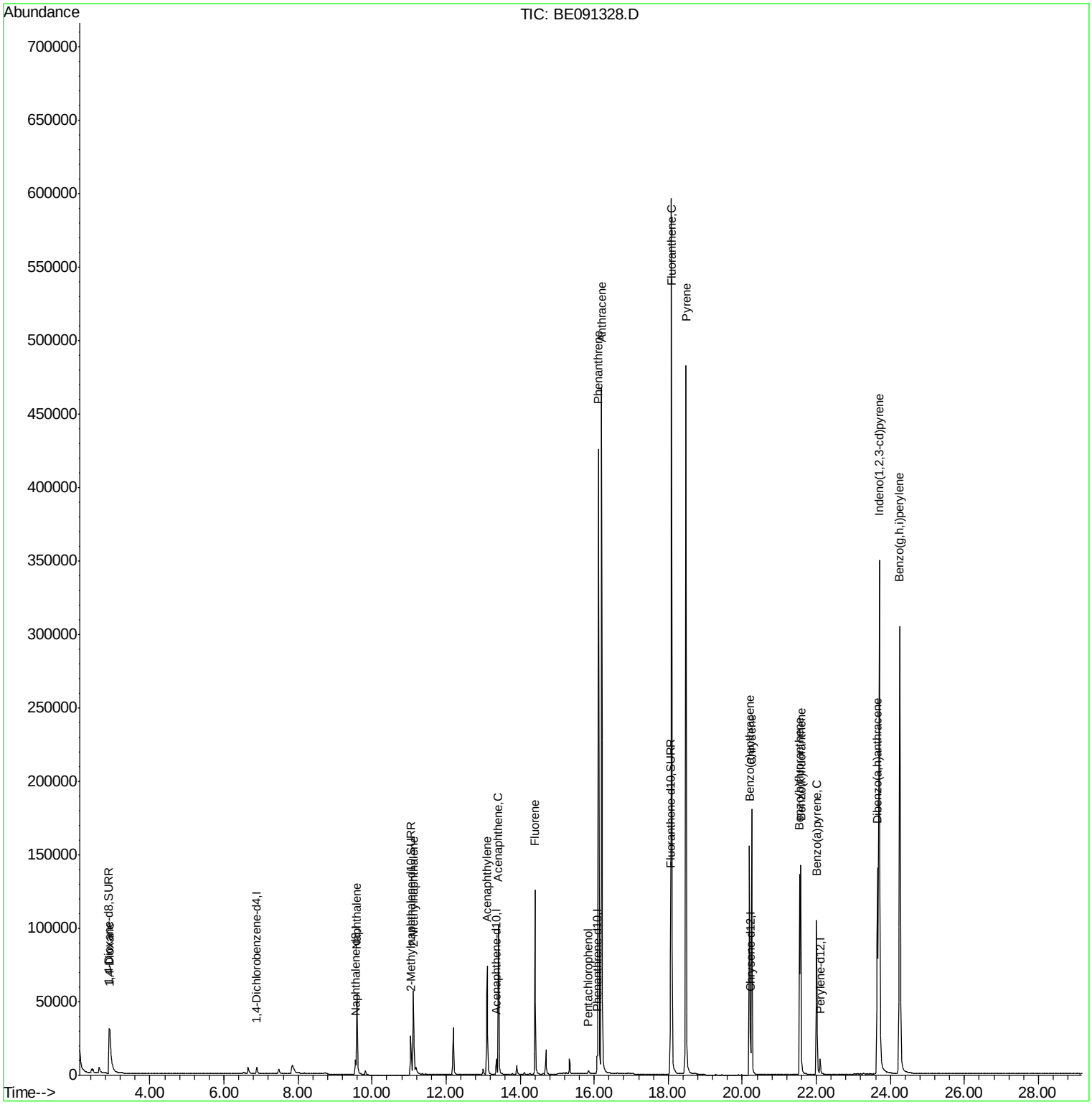
(#) = qualifier out of range (m) = manual integration (+) = signals summed

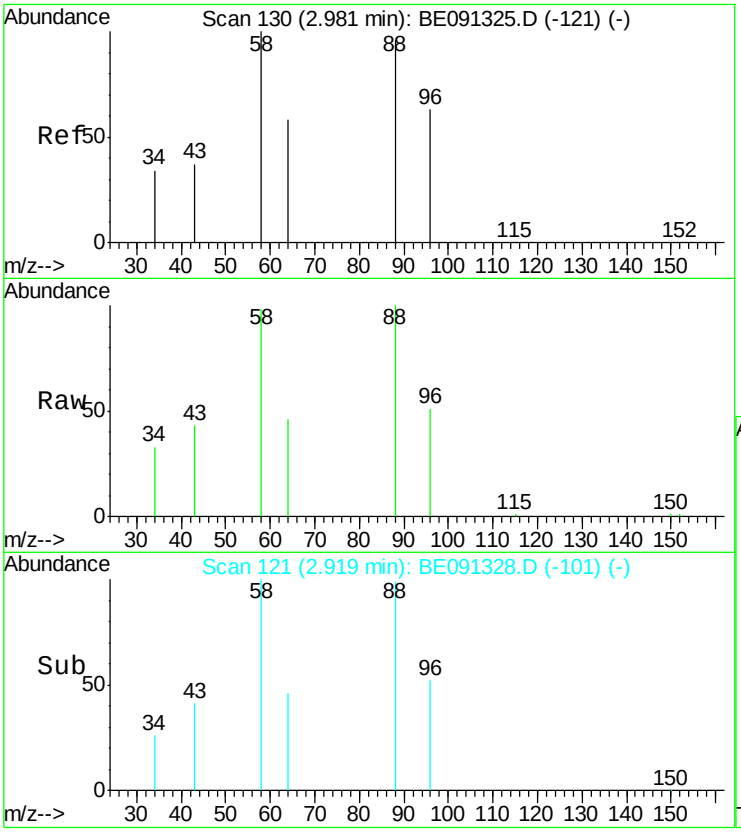
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120115\
Data File : BE091328.D
Acq On : 1 Dec 2015 15:23
Operator : UM/NP
Sample : SSTD3.297
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD3.297

Quant Time: Dec 01 15:54:12 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE120115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 15:48:03 2015
Response via : Initial Calibration



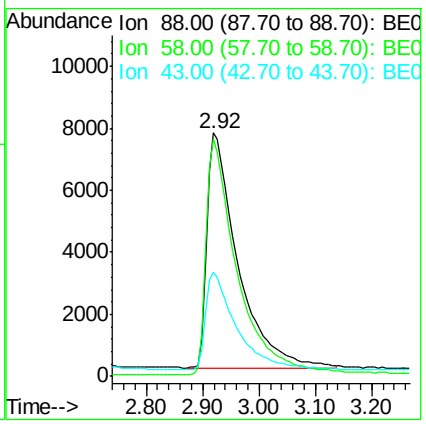


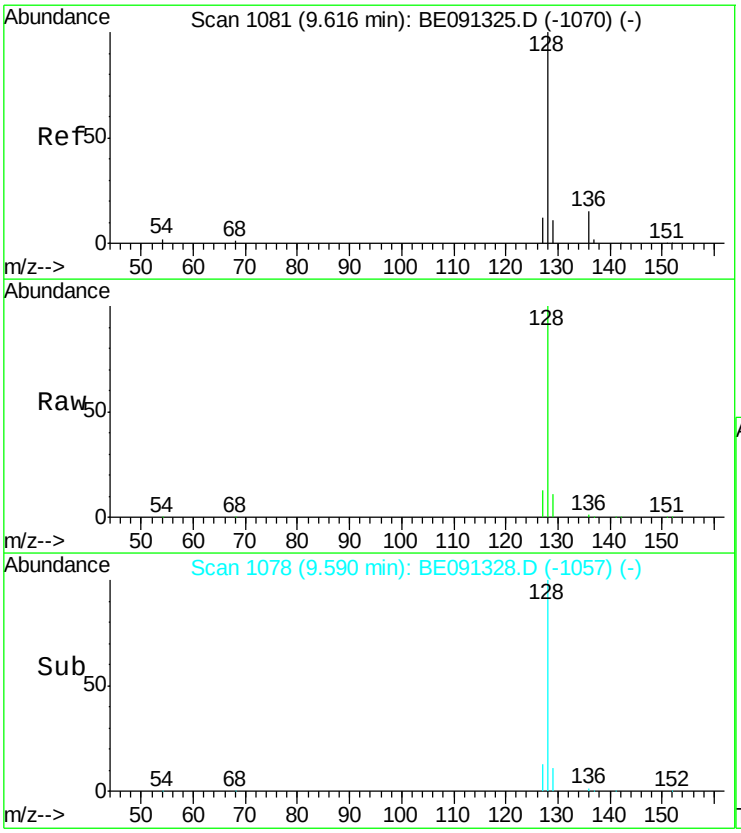
#3
1,4-Dioxane
Concen: 2.91 ng/ul
RT: 2.92 min Scan# 121
Delta R.T. -0.06 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Instrument :
BNA_E
ClientSampleId :
SSTD3.297

Tgt Ion: 88 Resp: 28605

Ion	Ratio	Lower	Upper
88	100		
58	100.8	55.4	83.2#
43	41.7	24.2	36.2#

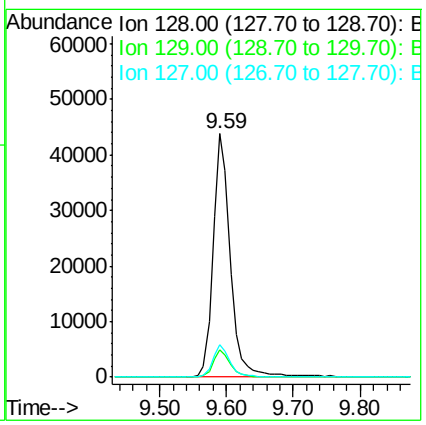


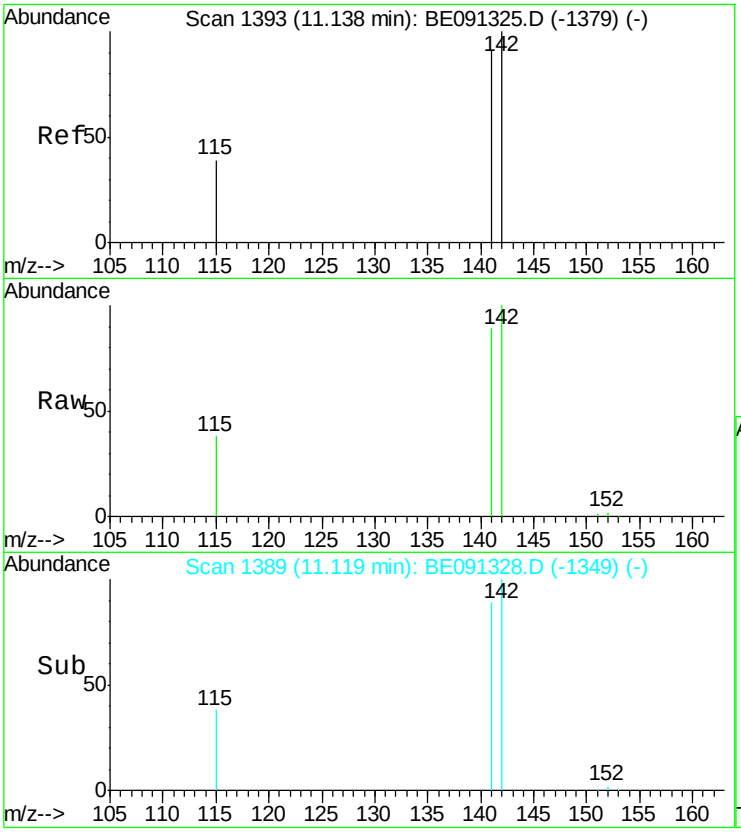


#5
Naphthalene
Concen: 2.95 ng/ul
RT: 9.59 min Scan# 1078
Delta R.T. -0.03 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Tgt Ion:128 Resp: 78792

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.8
127	13.4	10.7	16.1



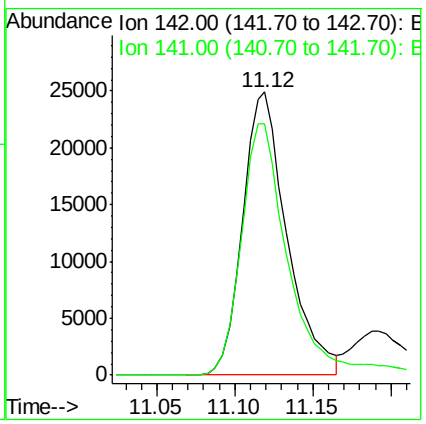


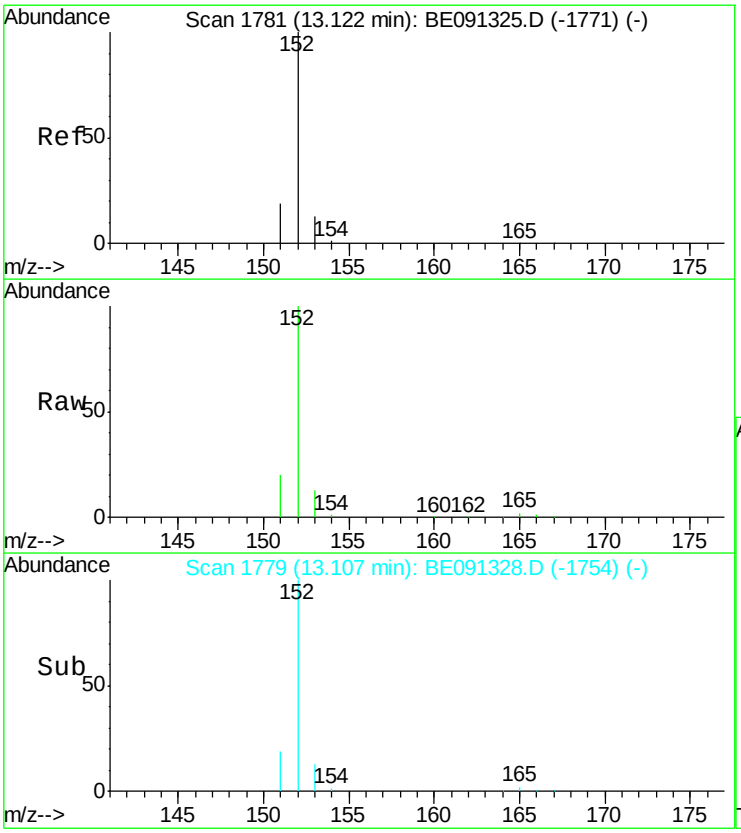
#7
2-Methylnaphthalene
Concen: 3.37 ng/ul
RT: 11.12 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Instrument :
BNA_E
ClientSampleId :
SSTD3.297

Tgt Ion:142 Resp: 48807

Ion	Ratio	Lower	Upper
142	100		
141	96.6	70.3	105.5

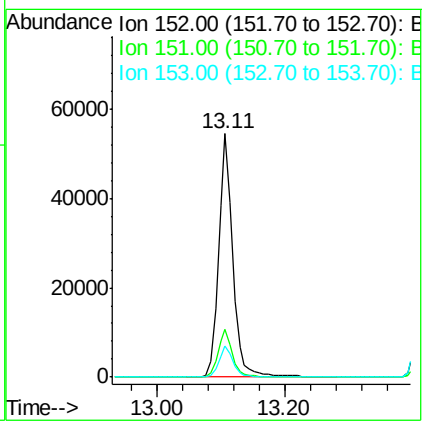


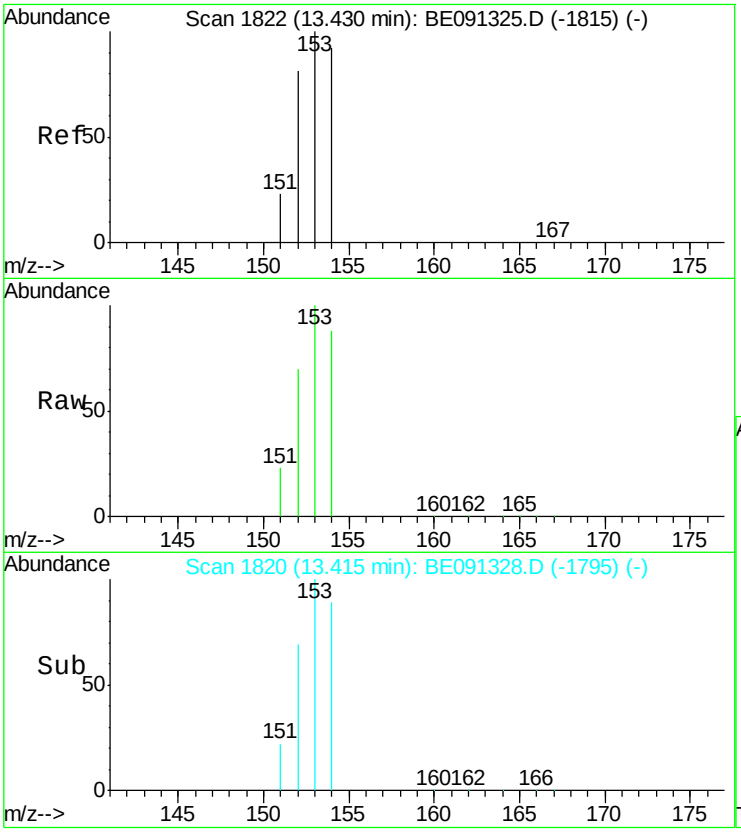


#9
Acenaphthylene
Concen: 3.50 ng/ul
RT: 13.11 min Scan# 1779
Delta R.T. -0.02 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Tgt Ion:152 Resp: 83287

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	12.9	11.3	16.9



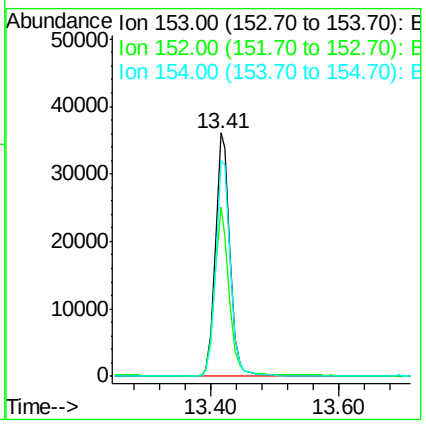


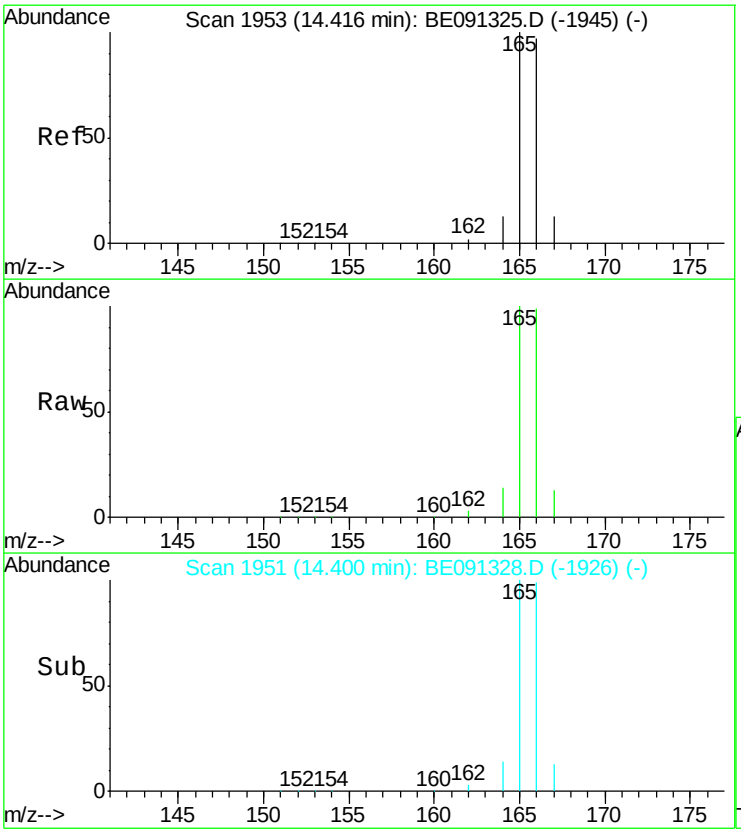
#10
Acenaphthene
Concen: 3.33 ng/ul
RT: 13.41 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Instrument :
BNA_E
ClientSampleId :
SSTD3.297

Tgt Ion:153 Resp: 56929

Ion	Ratio	Lower	Upper
153	100		
152	69.7	42.3	63.5#
154	88.5	64.7	97.1

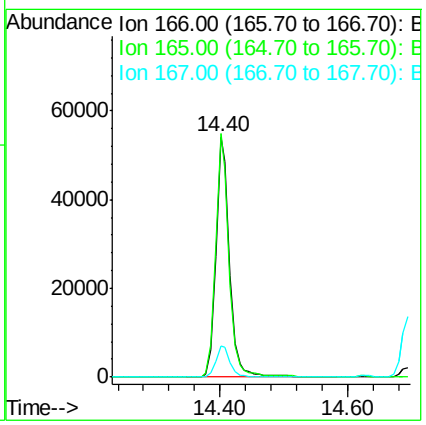


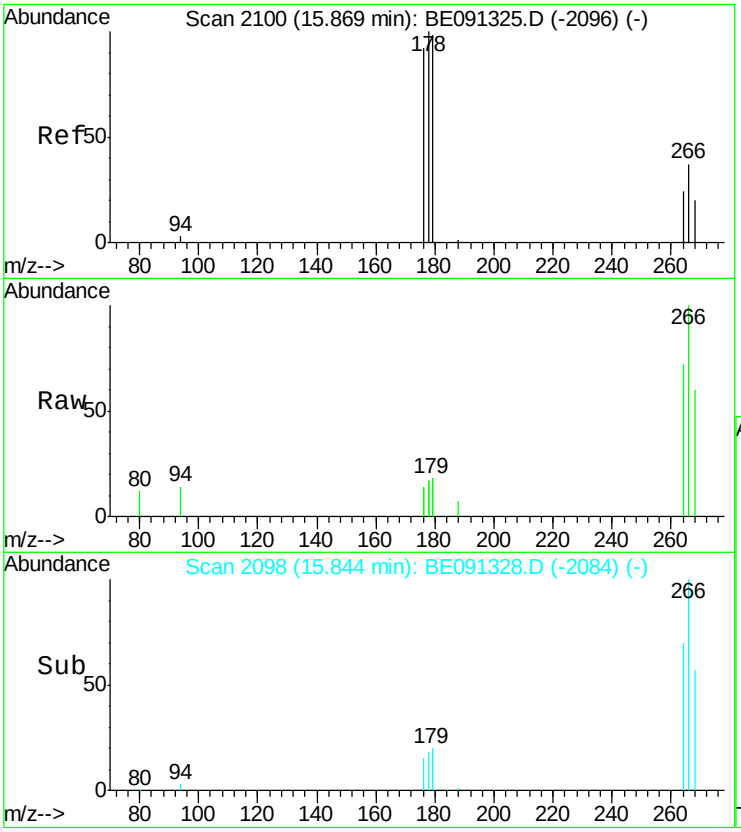


#11
Fluorene
Concen: 3.50 ng/ul
RT: 14.40 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Tgt Ion:166 Resp: 79391

Ion	Ratio	Lower	Upper
166	100		
165	101.4	87.6	131.4
167	13.1	11.1	16.7



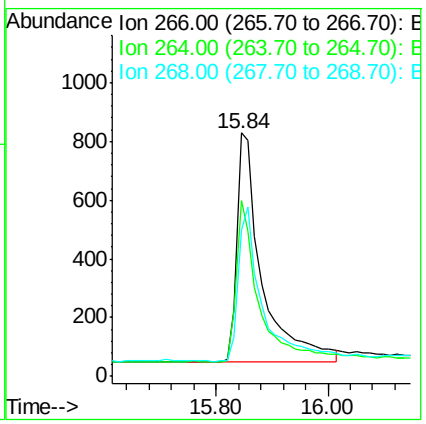


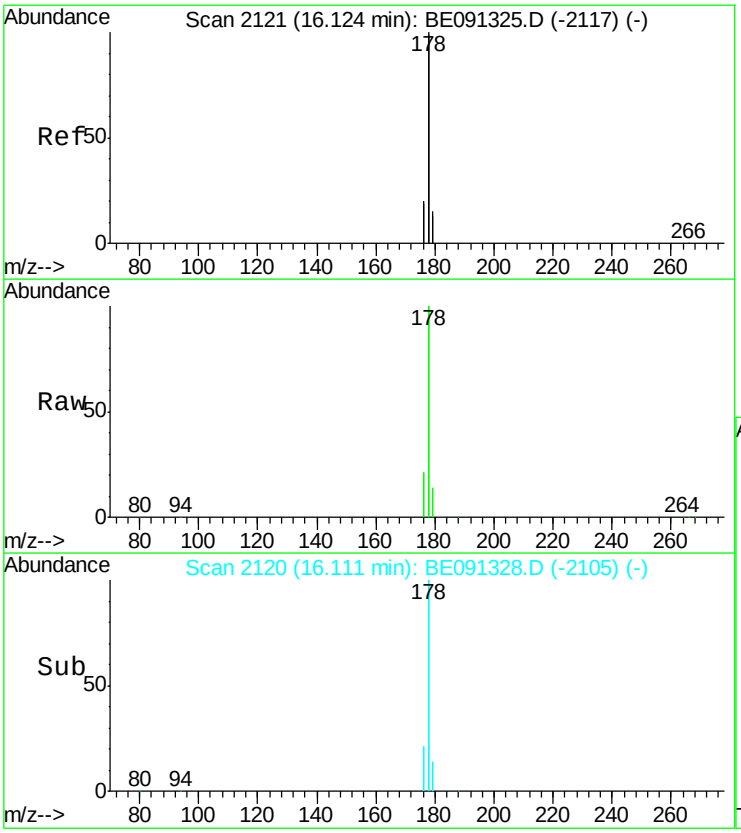
#13
Pentachlorophenol
Concen: 3.72 ng/ul
RT: 15.84 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Instrument :
BNA_E
ClientSampleId :
SSTD3.297

Tgt Ion:266 Resp: 2436

Ion	Ratio	Lower	Upper
266	100		
264	63.5	53.5	80.3
268	64.7	54.2	81.2

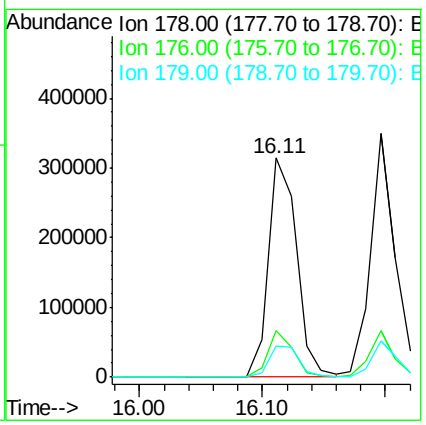


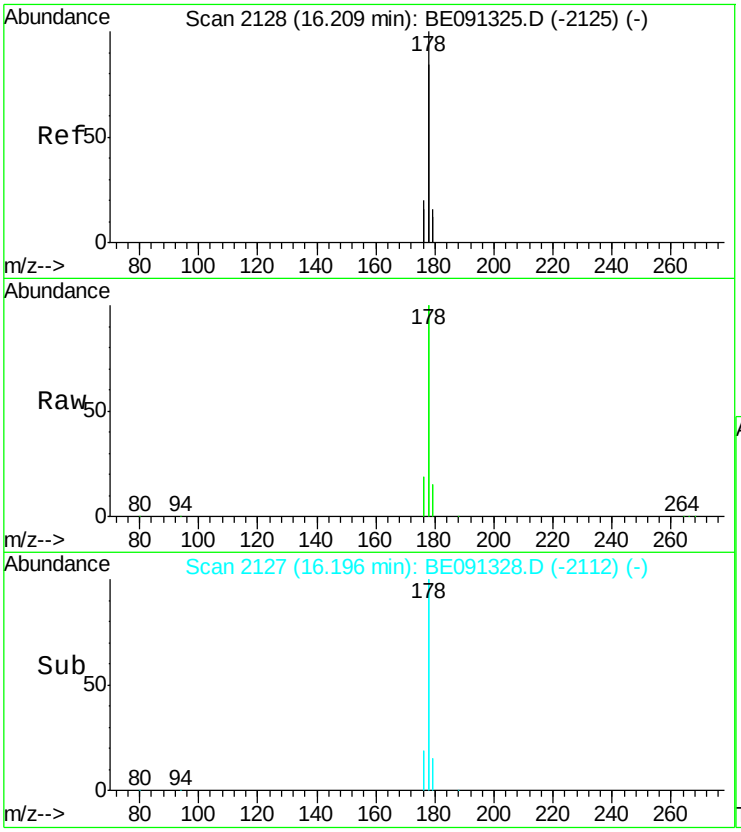


#14
Phenanthrene
Concen: 3.32 ng/ul
RT: 16.11 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Tgt Ion:178 Resp: 499714

Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.2	24.4
179	14.5	12.8	19.2



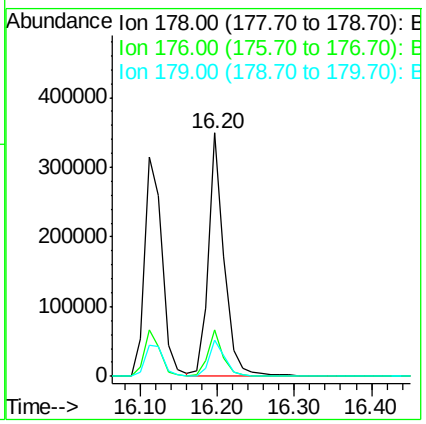


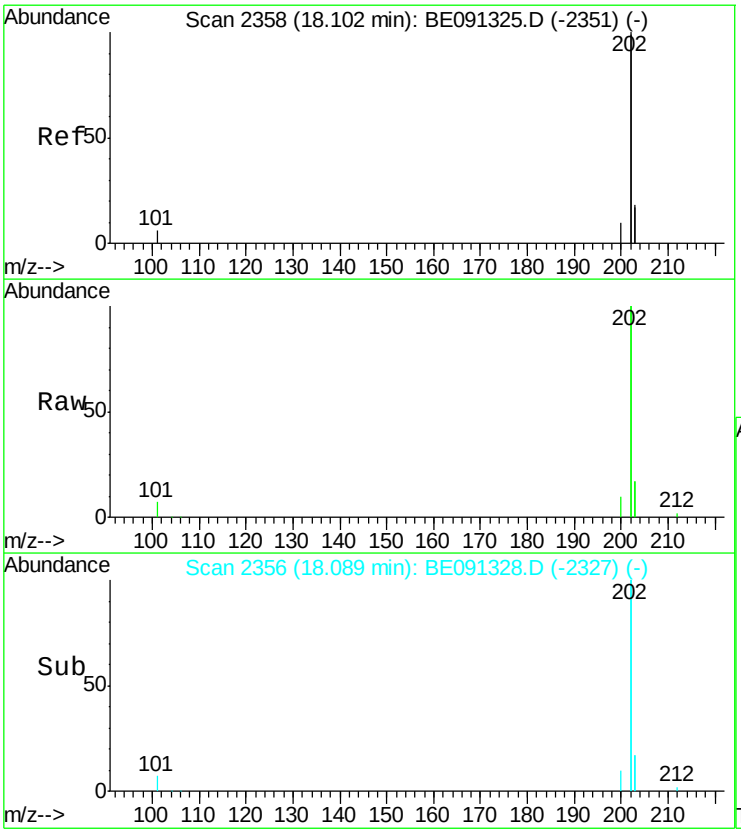
#15
Anthracene
Concen: 3.77 ng/ul
RT: 16.20 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Instrument :
BNA_E
ClientSampleId :
SSTD3.297

Tgt Ion:178 Resp: 501336

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.9	13.3	19.9

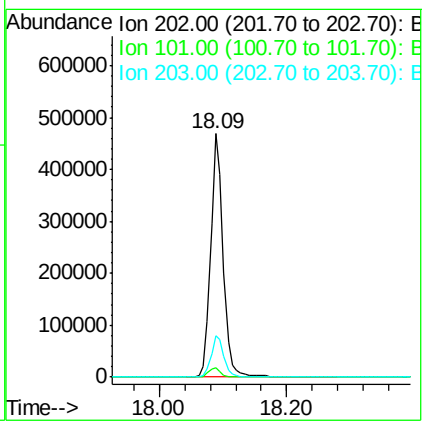


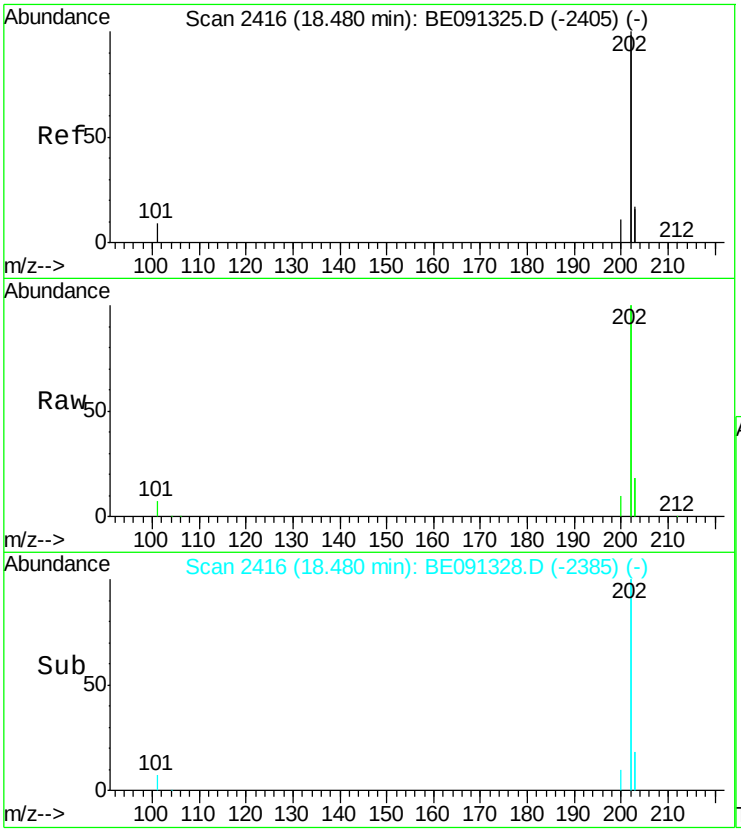


#17
Fluoranthene
Concen: 3.93 ng/ul
RT: 18.09 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Tgt Ion:202 Resp: 637486

Ion	Ratio	Lower	Upper
202	100		
101	3.7	0.0	33.1
203	17.1	0.0	37.2



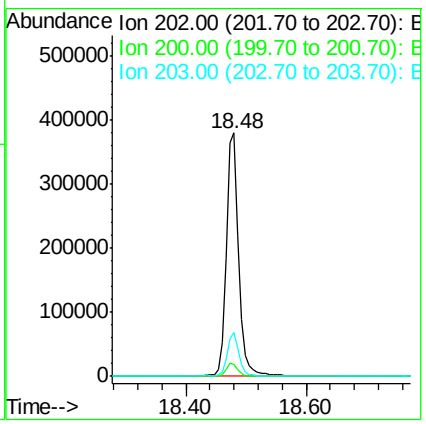


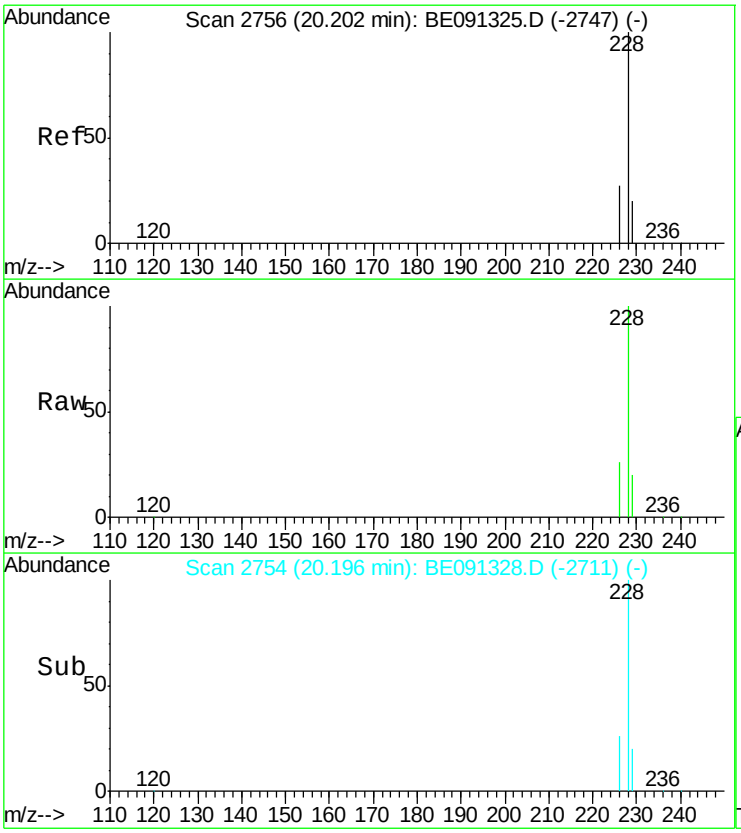
#19
Pyrene
Concen: 3.02 ng/ul
RT: 18.48 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Instrument :
BNA_E
ClientSampleId :
SSTD3.297

Tgt Ion:202 Resp: 546582

Ion	Ratio	Lower	Upper
202	100		
200	5.1	18.0	27.0#
203	18.2	13.8	20.6

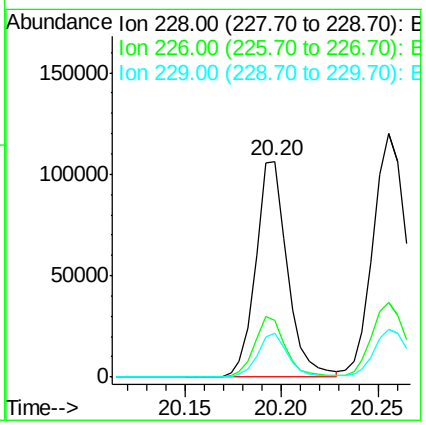


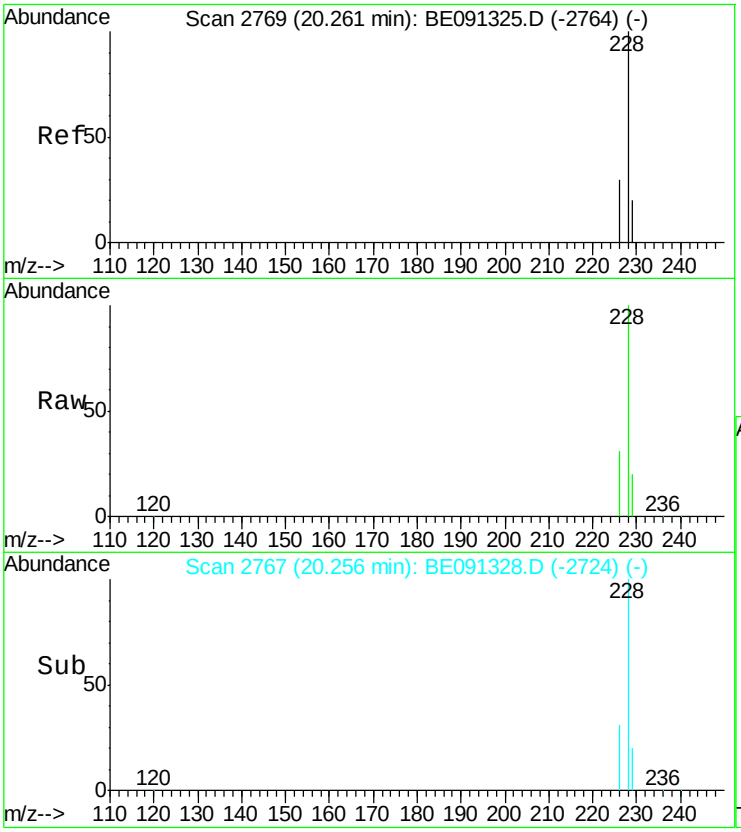


#20
Benzo(a)anthracene
Concen: 3.44 ng/ul
RT: 20.20 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Tgt Ion:228 Resp: 120127

Ion	Ratio	Lower	Upper
228	100		
226	26.4	23.0	34.4
229	20.4	15.2	22.8



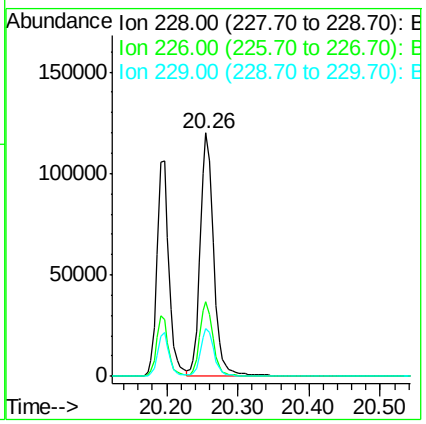


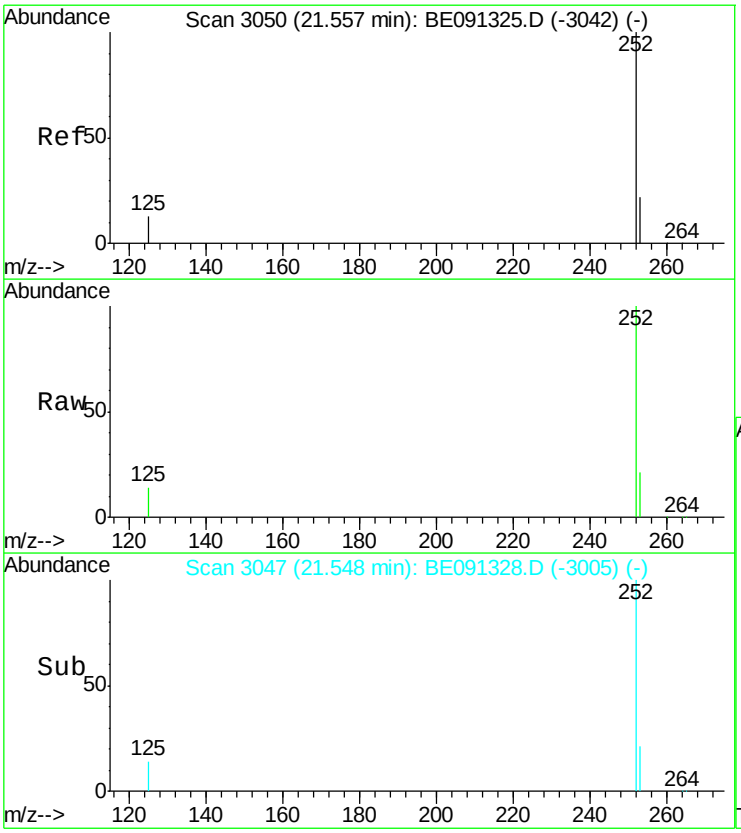
#21
Chrysene
Concen: 2.89 ng/ul
RT: 20.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Instrument :
BNA_E
ClientSampleId :
SSTD3.297

Tgt Ion:228 Resp: 154175

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.7	38.5
229	19.6	15.2	22.8

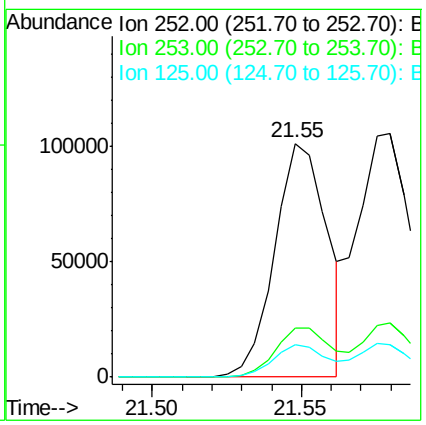


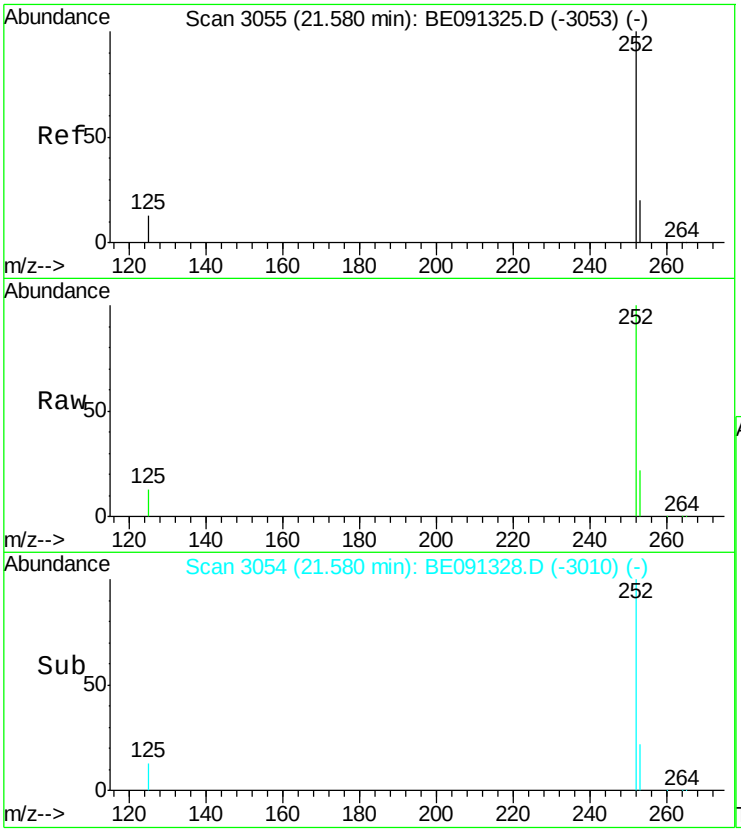


#23
Benzo(b)fluoranthene
Concen: 3.83 ng/ul
RT: 21.55 min Scan# 3047
Delta R.T. -0.01 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Tgt Ion:252 Resp: 123064

Ion	Ratio	Lower	Upper
252	100		
253	21.3	0.0	48.0
125	13.8	0.0	36.6



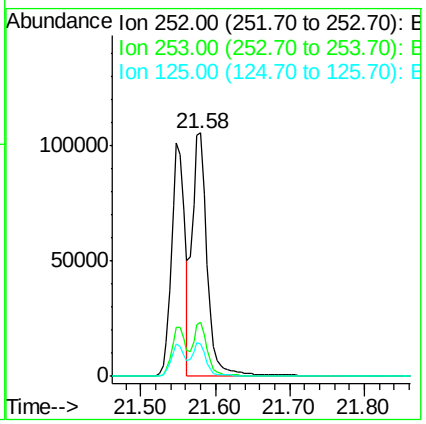


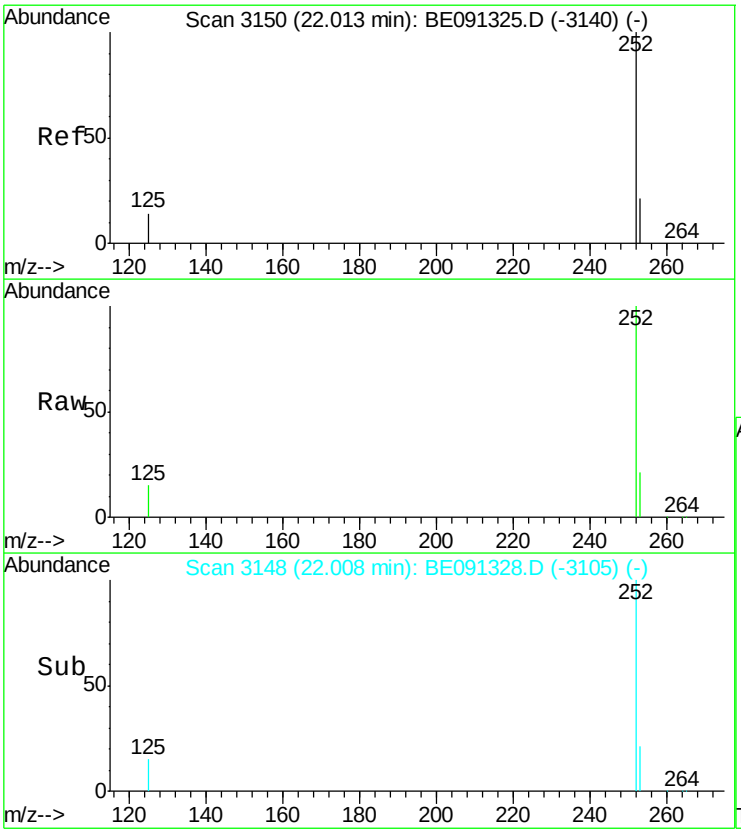
#24
Benzo(k)fluoranthene
Concen: 3.94 ng/ul
RT: 21.58 min Scan# 3054
Delta R.T. -0.00 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Instrument :
BNA_E
ClientSampleId :
SSTD3.297

Tgt Ion:252 Resp: 146536

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.8	31.2
125	13.2	12.2	18.4

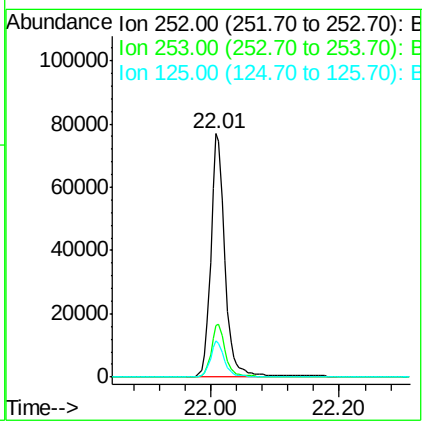


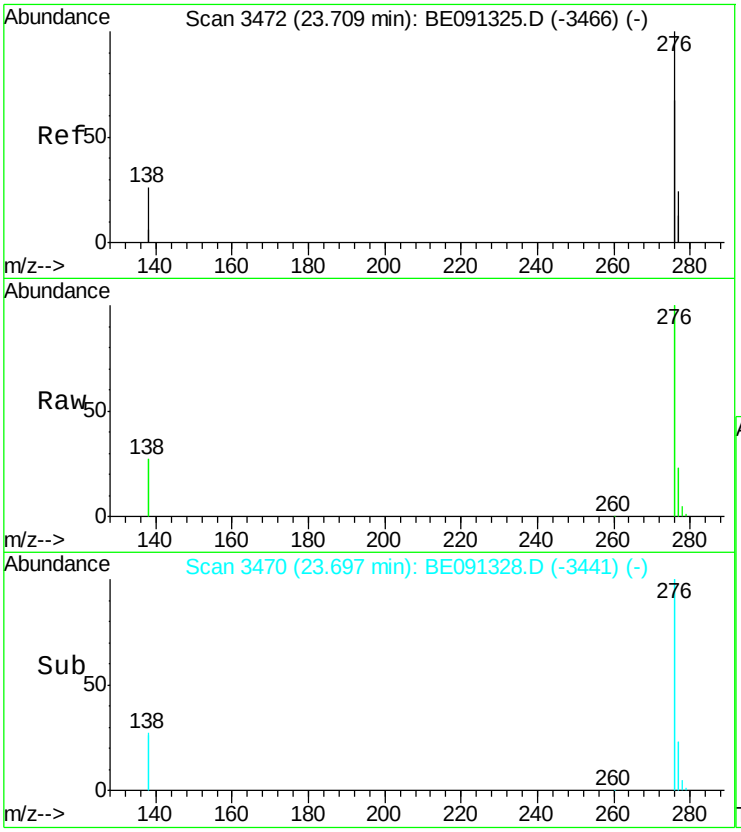


#25
Benzo(a)pyrene
Concen: 3.78 ng/ul
RT: 22.01 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Tgt Ion:252 Resp: 116688

Ion	Ratio	Lower	Upper
252	100		
253	21.4	21.8	32.8#
125	15.1	14.5	21.7



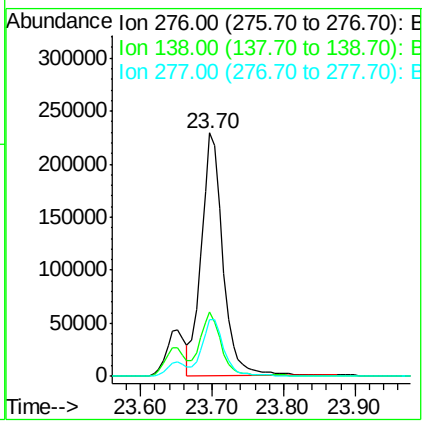


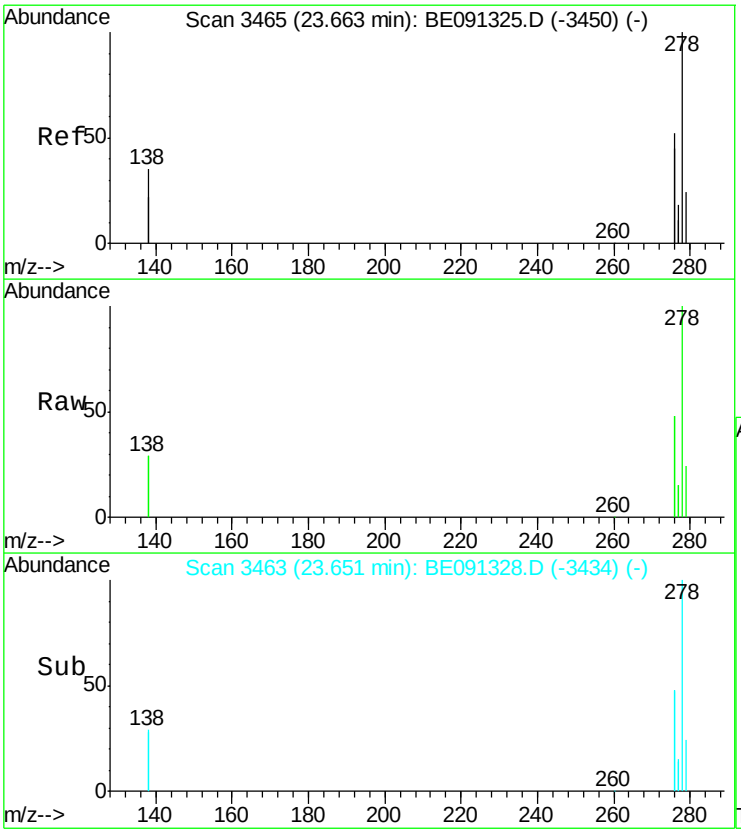
#26
Indeno(1,2,3-cd)pyrene
Concen: 3.93 ng/ul
RT: 23.70 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Instrument :
BNA_E
ClientSampleId :
SSTD3.297

Tgt Ion:276 Resp: 480755

Ion	Ratio	Lower	Upper
276	100		
138	26.4	27.5	41.3#
277	23.5	19.3	28.9

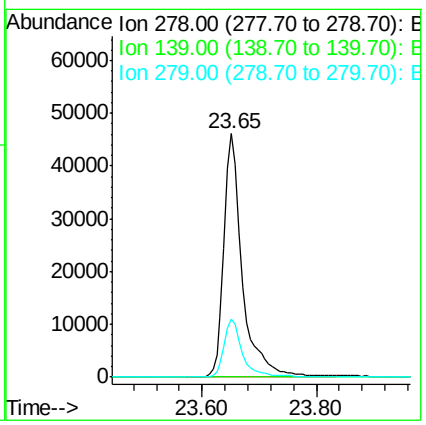


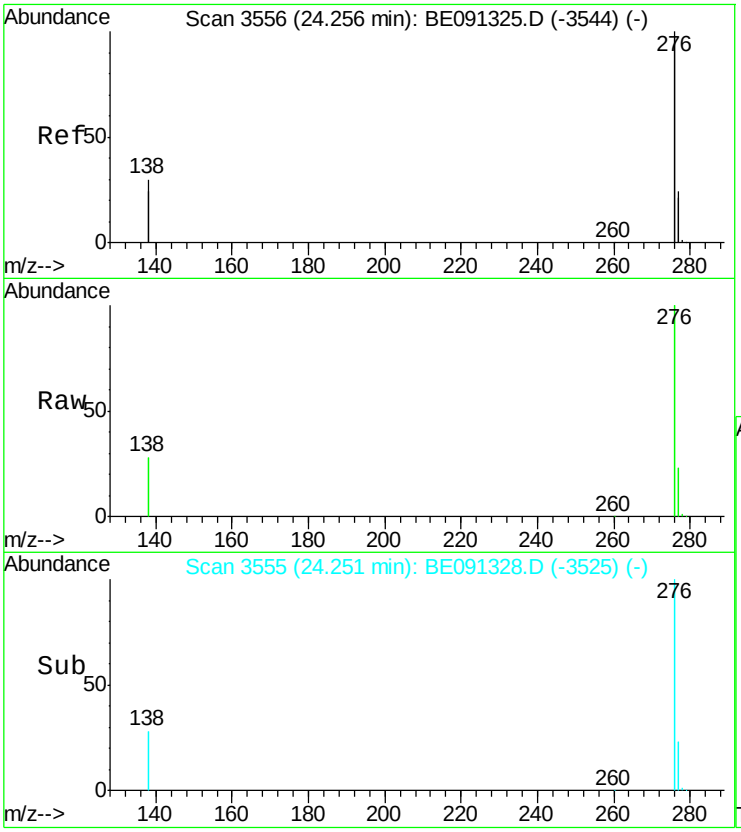


#27
Dibenzo(a,h)anthracene
Concen: 4.32 ng/ul
RT: 23.65 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Tgt Ion:278 Resp: 102413

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	24.0	21.9	32.9





#28
Benzo(g,h,i)perylene
Concen: 3.70 ng/ul
RT: 24.25 min Scan# 3555
Delta R.T. -0.01 min
Lab File: BE091328.D
Acq: 1 Dec 2015 15:23

Instrument :
BNA_E
ClientSampleId :
SSTD3.297

Tgt Ion:276 Resp: 462807

Ion	Ratio	Lower	Upper
276	100		
277	23.3	21.3	31.9
138	28.0	25.5	38.3