Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
Data File : BE091242.D
Acq On : 18 Nov 2015 23:50
Operator : UM/NP
Sample : G4310-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : D9KM1

Quant Time: Nov 19 06:07:19 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 : Thu Nov 19 06:02:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	3462	0.40	ng/ul	-0.04
4) Naphthalene-d8	9.54	136	19380	0.40	ng/ul	-0.03
8) Acenaphthene-d10	13.36	164	15560	0.40	ng/ul	-0.01
12) Phenanthrene-d10	16.16	188	1814964	0.40	ng/ul	0.07
18) Chrysene-d12	20.23	240	66675	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	78163	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.95	96	24428	9.81	ng/uL	-0.05
6) 2-Methylnaphthalene-d10	11.05	152	9076	0.34	ng/ul	-0.01
16) Fluoranthene-d10	18.07	212	27289	0.01	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.03	88	159	0.06	ng/ul#	36
5) Naphthalene	9.58	128	801	0.02	ng/ul#	38
7) 2-Methylnaphthalene	11.12	142	198	0.01	ng/ul	89
9) Acenaphthylene	13.10	152	234	0.00	ng/ul#	1
10) Acenaphthene	13.42	153	183	0.00	ng/ul#	77
11) Fluorene	14.40	166	435	0.01	ng/ul#	73
13) Pentachlorophenol	15.85	266	85	0.00	ng/ul#	76
14) Phenanthrene	16.11	178	24112	0.00	ng/ul	95
15) Anthracene	16.11	178	18837	0.00	ng/ul	95
17) Fluoranthene	18.09	202	23387	0.00	ng/ul	85
19) Pyrene	18.47	202	35570	0.05	ng/ul#	58
20) Benzo(a)anthracene	20.20	228	2145	0.01	ng/ul#	71
21) Chrysene	20.26	228	2784	0.01	ng/ul#	78
23) Benzo(b)fluoranthene	21.56	252	2633	0.01	ng/ul#	1
24) Benzo(k)fluoranthene	21.58	252	2306	0.01	ng/ul#	1
25) Benzo(a)pyrene	21.98	252	10531	0.05	ng/ul#	3
26) Indeno(1,2,3-cd)pyrene	23.71	276	7490	0.01	ng/ul	99
27) Dibenzo(a,h)anthracene	23.66	278	705	0.00	ng/ul#	28
28) Benzo(g,h,i)perylene	24.26	276	8588	0.01	ng/ul#	13

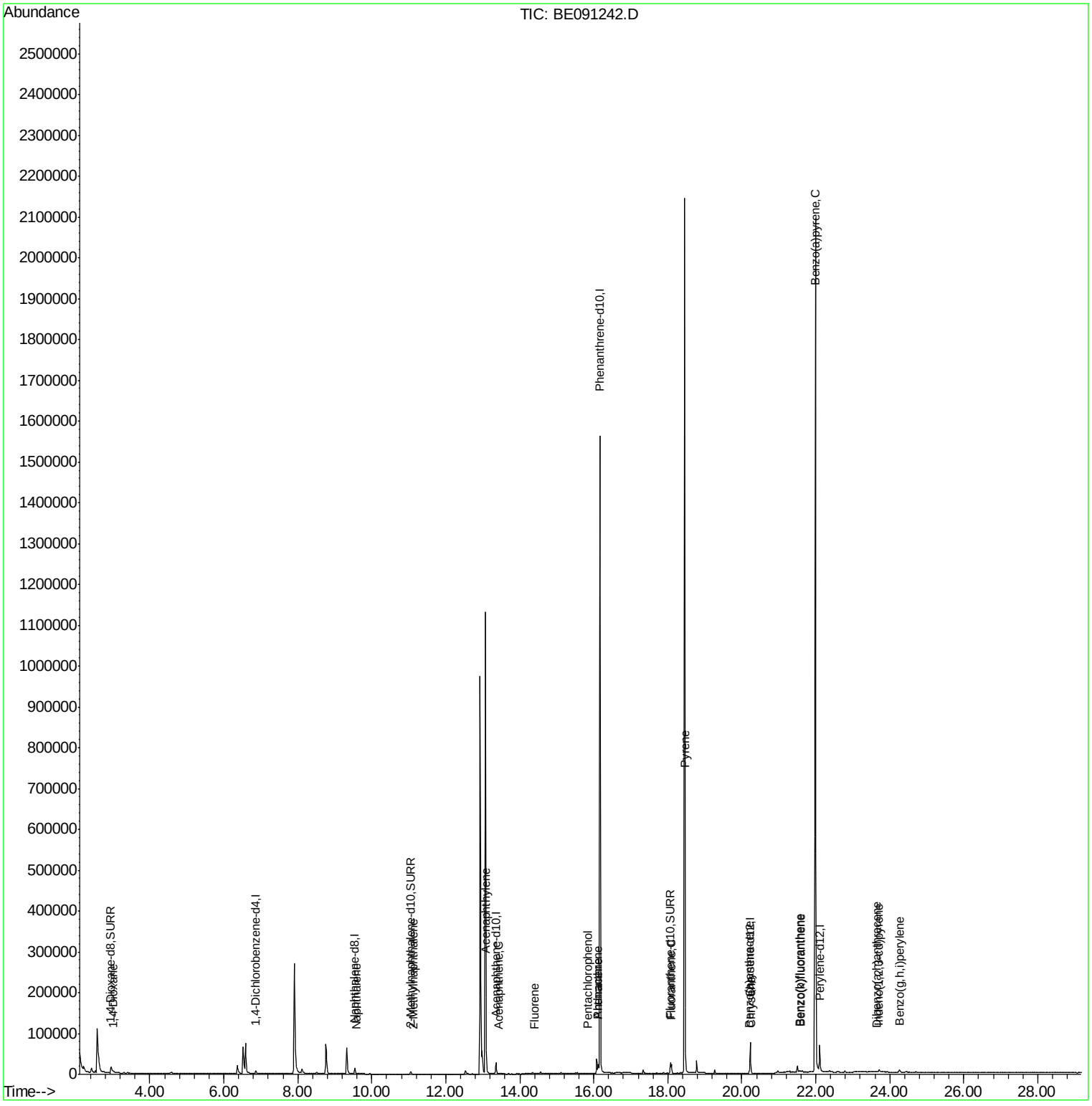
(#) = qualifier out of range (m) = manual integration (+) = signals summed

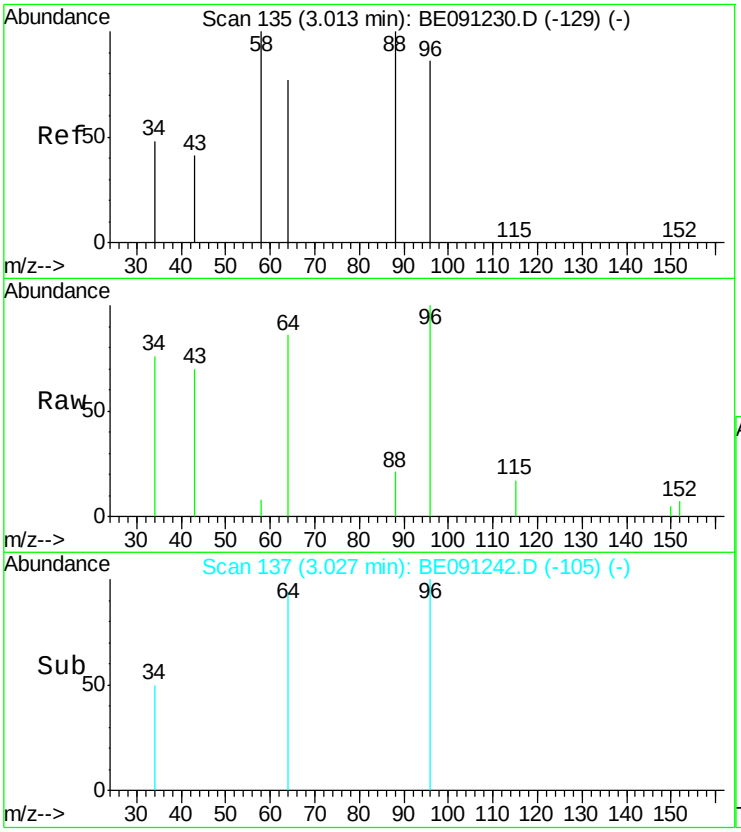
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
Data File : BE091242.D
Acq On : 18 Nov 2015 23:50
Operator : UM/NP
Sample : G4310-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
D9KM1

Quant Time: Nov 19 06:07:19 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 : Thu Nov 19 06:02:12 2015
Response via : Initial Calibration



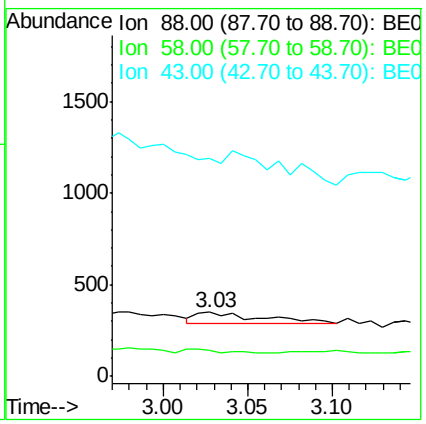


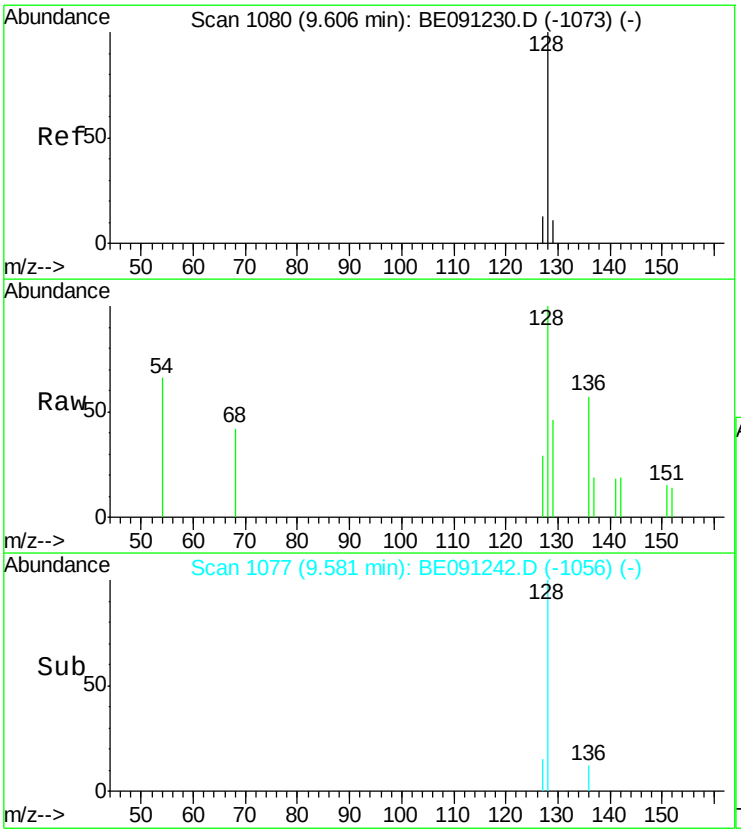
#3
1,4-Dioxane
Concen: 0.06 ng/ul
RT: 3.03 min Scan# 137
Delta R.T. 0.01 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Instrument :
BNA_E
ClientSampleId :
D9KM1

Tgt Ion: 88 Resp: 159

Ion	Ratio	Lower	Upper
88	100		
58	13.8	55.4	83.2#
43	0.0	24.2	36.2#

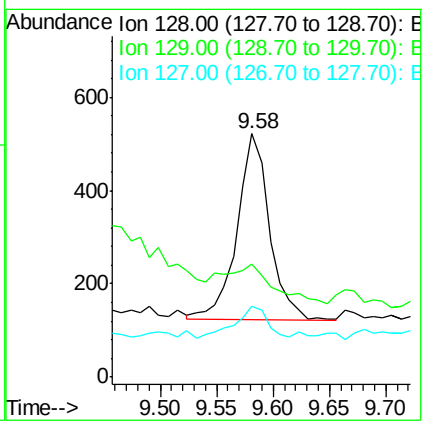


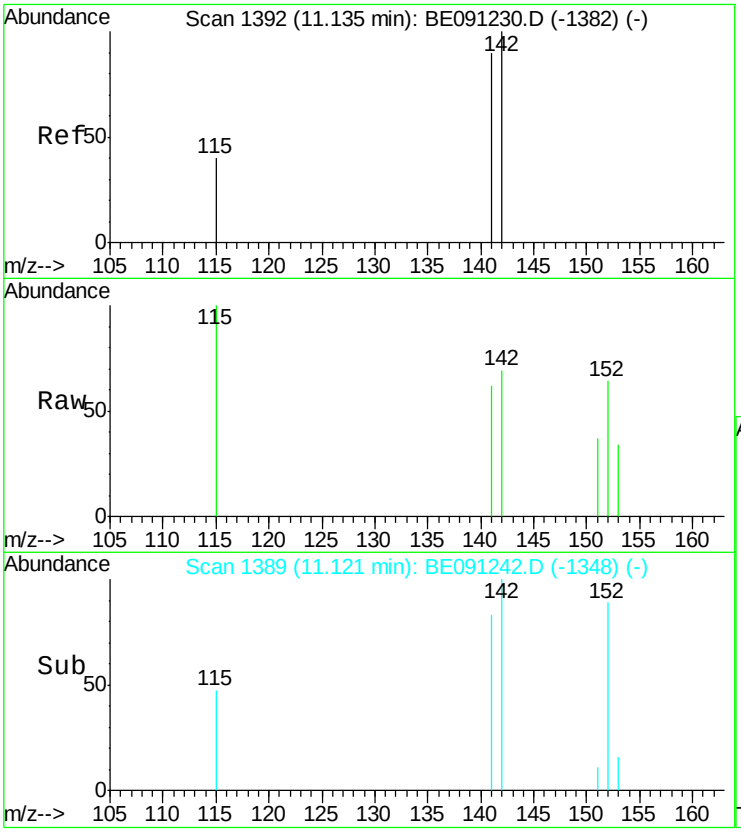


#5
Naphthalene
Concen: 0.02 ng/ul
RT: 9.58 min Scan# 1077
Delta R.T. -0.03 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Tgt Ion:128 Resp: 801

Ion	Ratio	Lower	Upper
128	100		
129	46.2	9.8	14.8#
127	28.9	10.7	16.1#



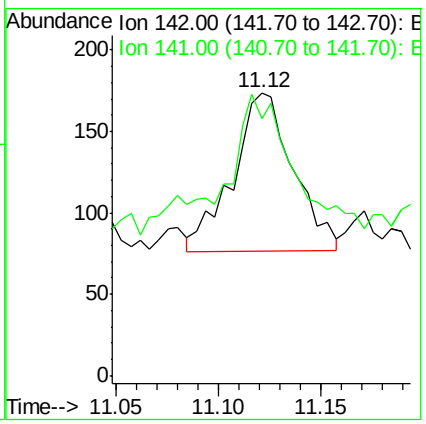


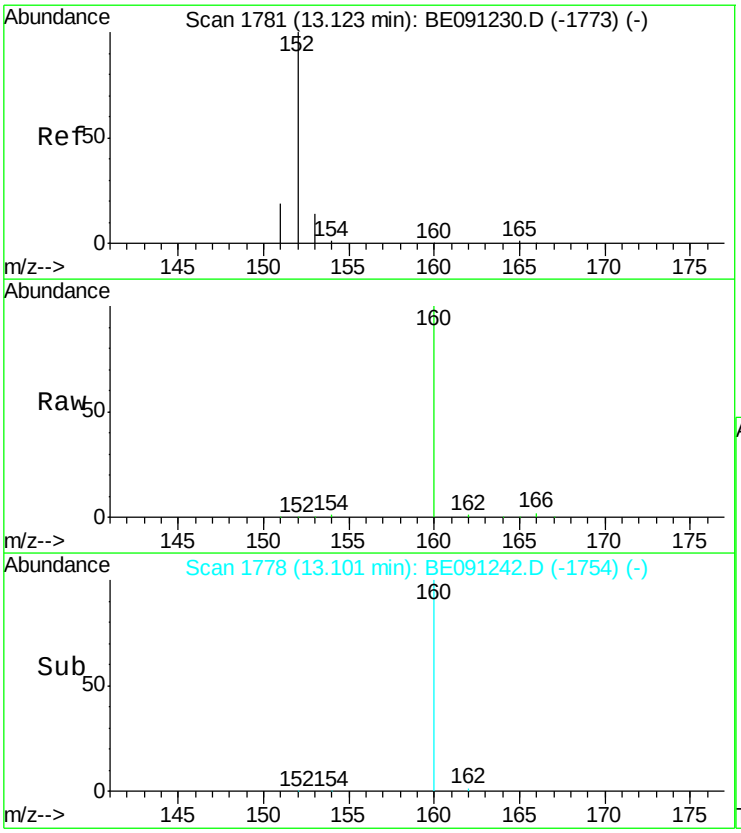
#7
2-Methylnaphthalene
Concen: 0.01 ng/ul
RT: 11.12 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Instrument :
BNA_E
ClientSampleId :
D9KM1

Tgt Ion:142 Resp: 198

Ion	Ratio	Lower	Upper
142	100		
141	77.8	70.3	105.5

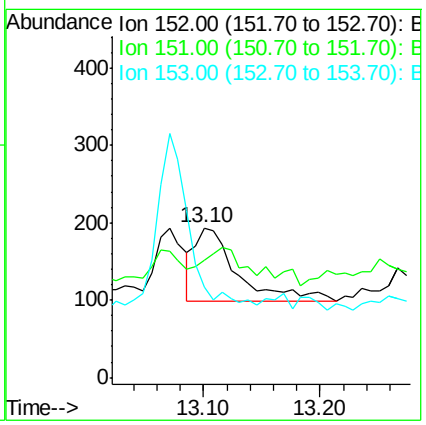


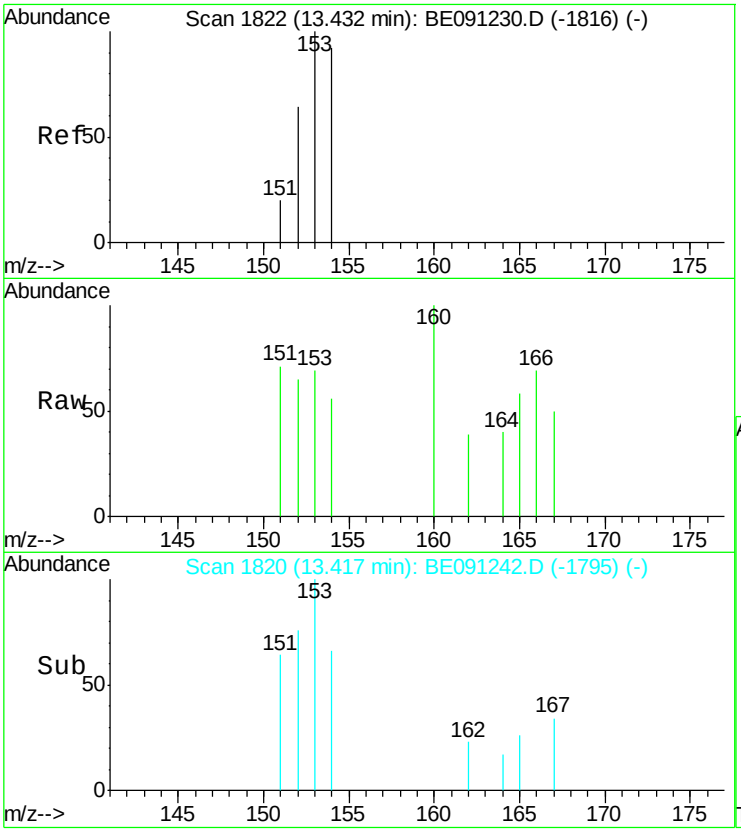


#9
Acenaphthylene
Concen: 0.00 ng/ul
RT: 13.10 min Scan# 1778
Delta R.T. -0.02 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Tgt Ion:152 Resp: 234

Ion	Ratio	Lower	Upper
152	100		
151	78.2	16.8	25.2#
153	60.1	11.3	16.9#



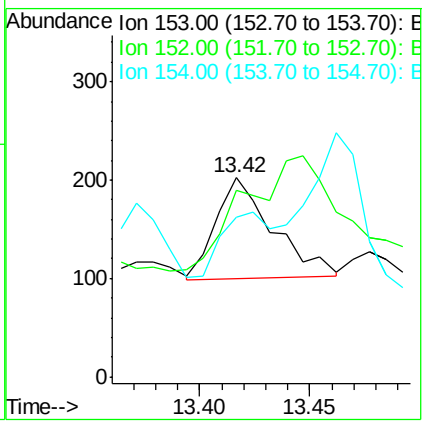


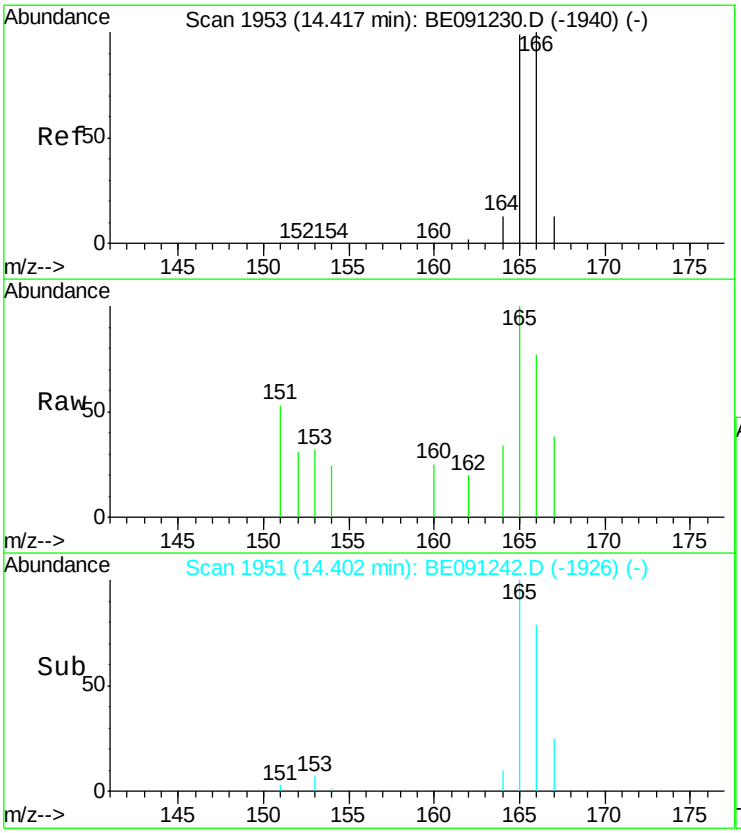
#10
Acenaphthene
Concen: 0.00 ng/ul
RT: 13.42 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Instrument :
BNA_E
ClientSampleId :
D9KM1

Tgt Ion:153 Resp: 183

Ion	Ratio	Lower	Upper
153	100		
152	94.1	42.3	63.5#
154	80.2	64.7	97.1

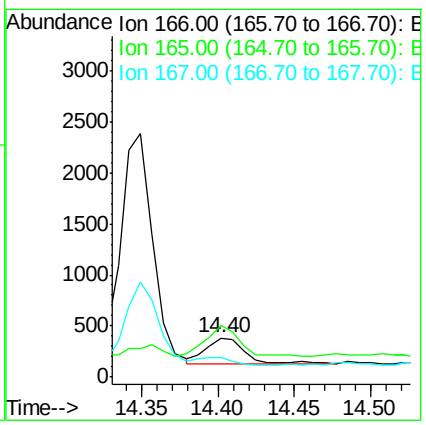


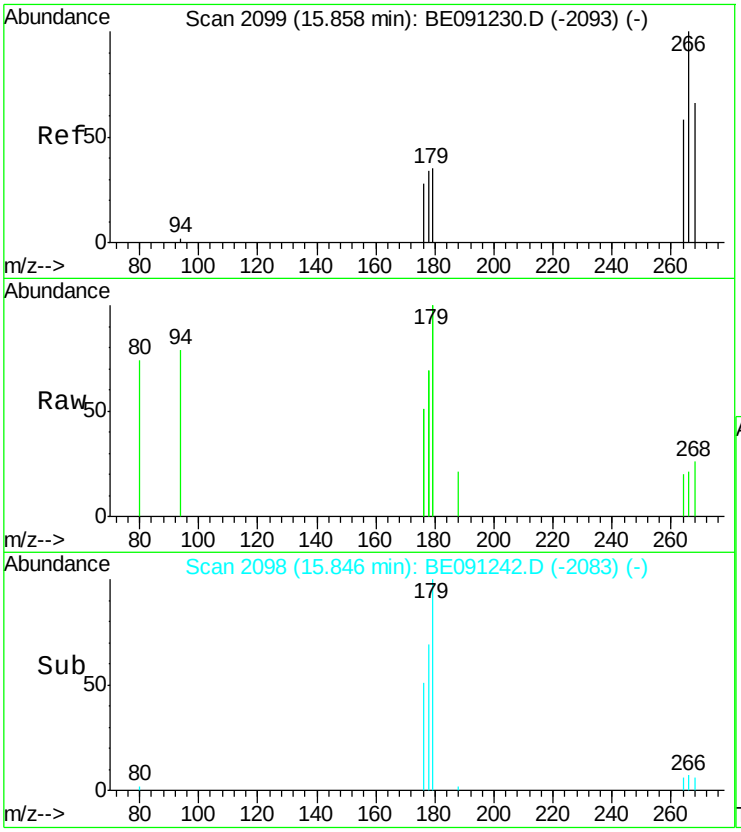


#11
Fluorene
Concen: 0.01 ng/ul
RT: 14.40 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Tgt Ion:166 Resp: 435

Ion	Ratio	Lower	Upper
166	100		
165	130.1	87.6	131.4
167	49.9	11.1	16.7#



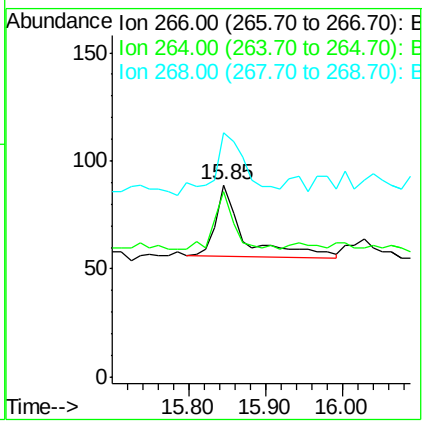


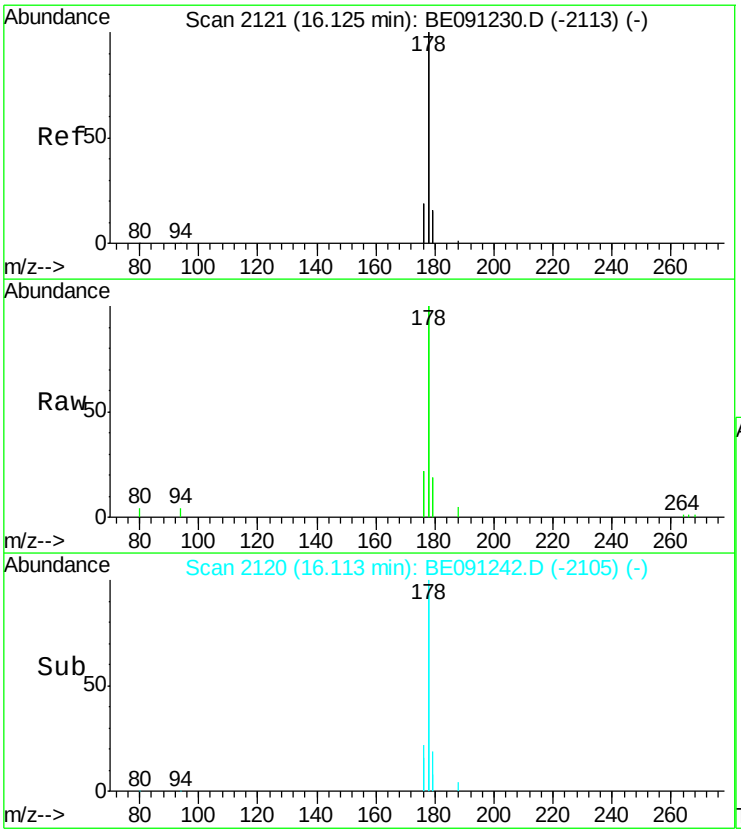
#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 15.85 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Instrument :
BNA_E
ClientSampleId :
D9KM1

Tgt Ion:266 Resp: 85

Ion	Ratio	Lower	Upper
266	100		
264	56.5	53.5	80.3
268	96.5	54.2	81.2#

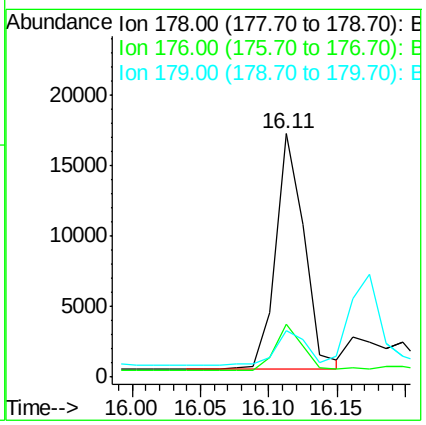


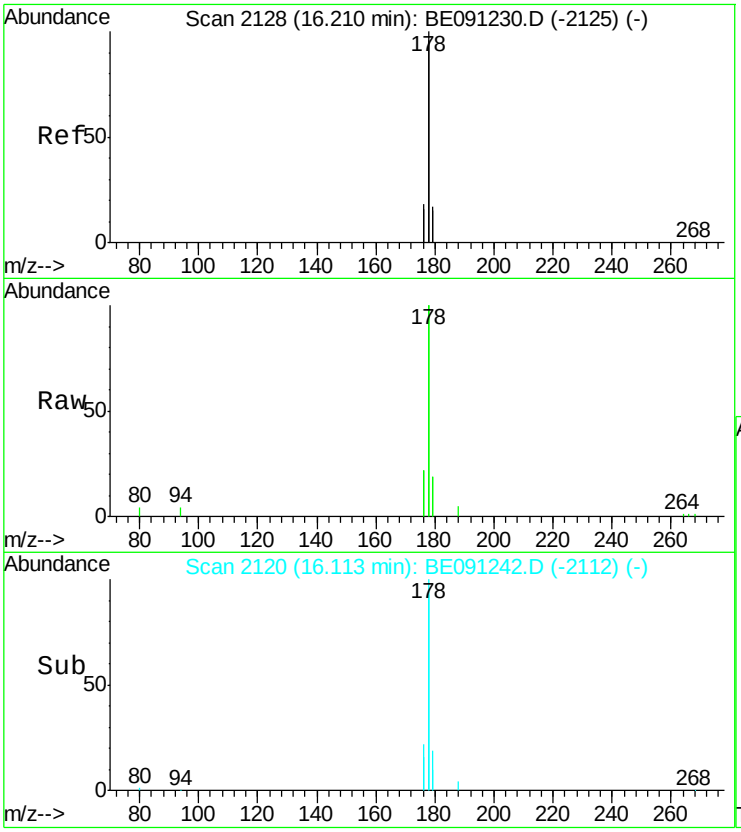


#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 16.11 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Tgt Ion:178 Resp: 24112

Ion	Ratio	Lower	Upper
178	100		
176	21.9	16.2	24.4
179	19.0	12.8	19.2



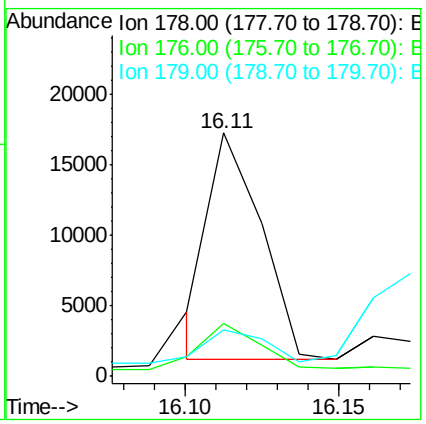


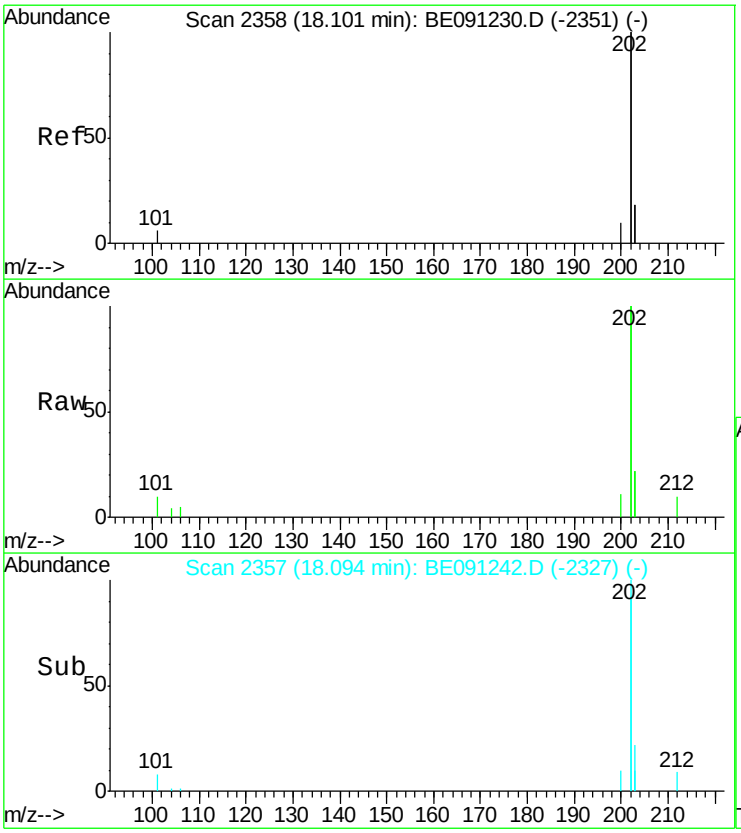
#15
Anthracene
Concen: 0.00 ng/ul
RT: 16.11 min Scan# 2120
Delta R.T. -0.10 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Instrument :
BNA_E
ClientSampleId :
D9KM1

Tgt Ion:178 Resp: 18837

Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.8	23.8
179	19.0	13.3	19.9

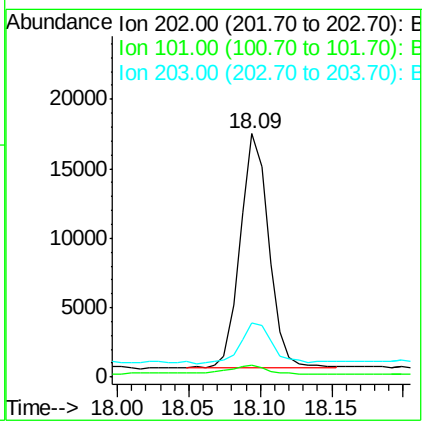


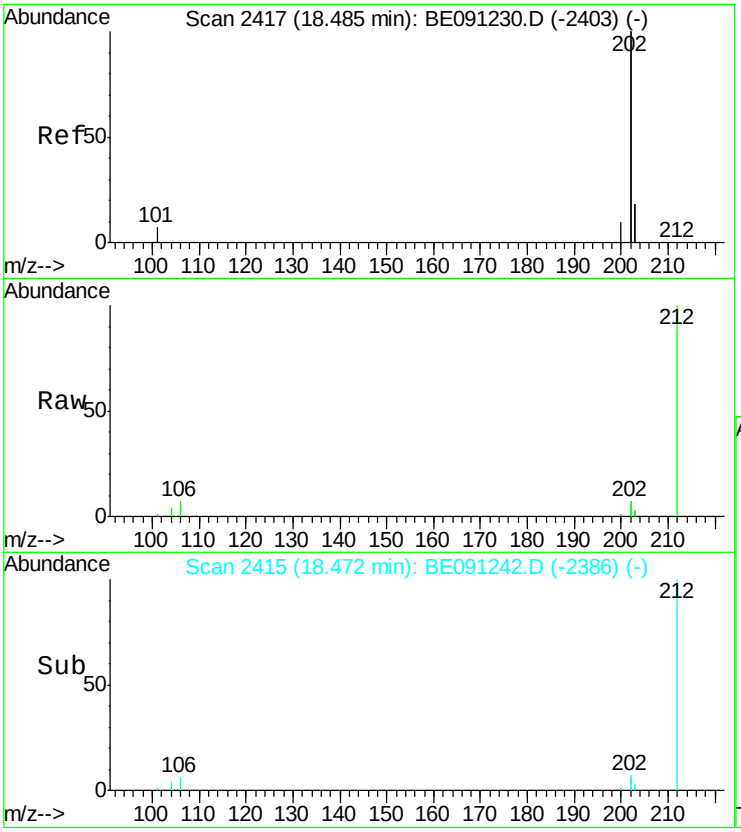


#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 18.09 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Tgt Ion:202 Resp: 23387

Ion	Ratio	Lower	Upper
202	100		
101	4.8	0.0	33.1
203	22.0	0.0	37.2



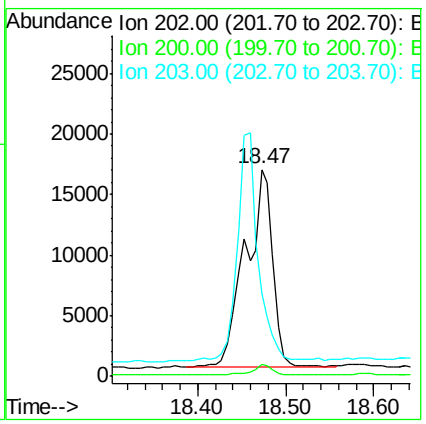


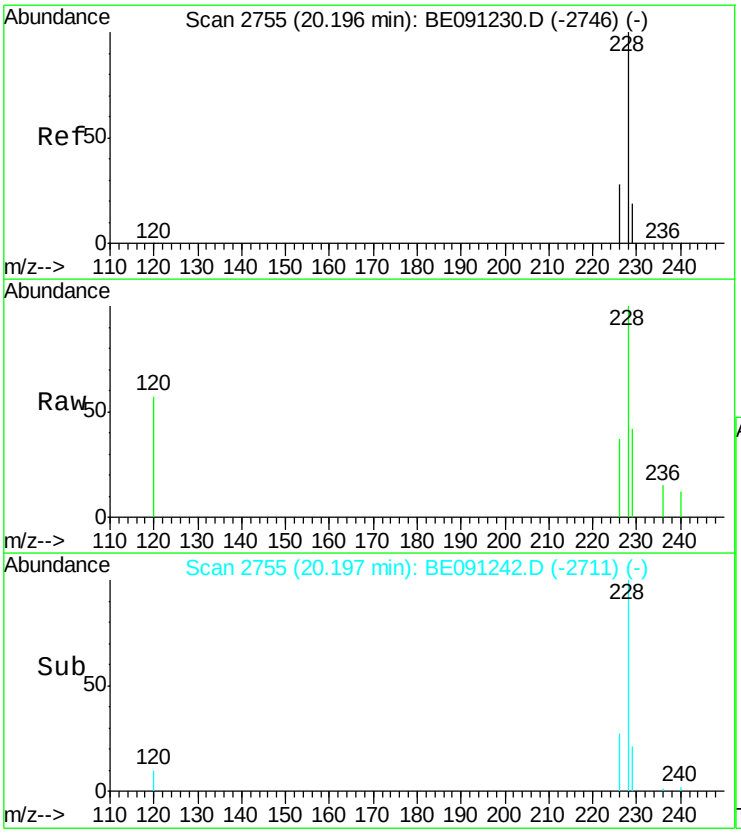
#19
Pyrene
Concen: 0.05 ng/ul
RT: 18.47 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Instrument :
BNA_E
ClientSampleId :
D9KM1

Tgt Ion:202 Resp: 35570

Ion	Ratio	Lower	Upper
202	100		
200	5.7	18.0	27.0#
203	39.7	13.8	20.6#

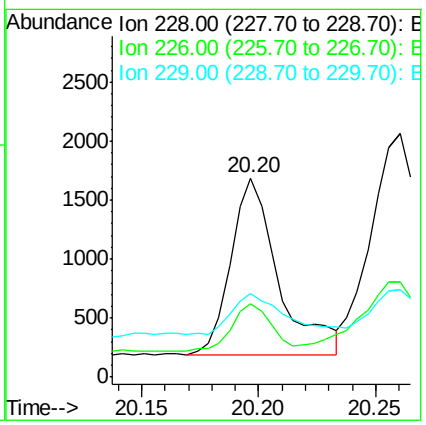


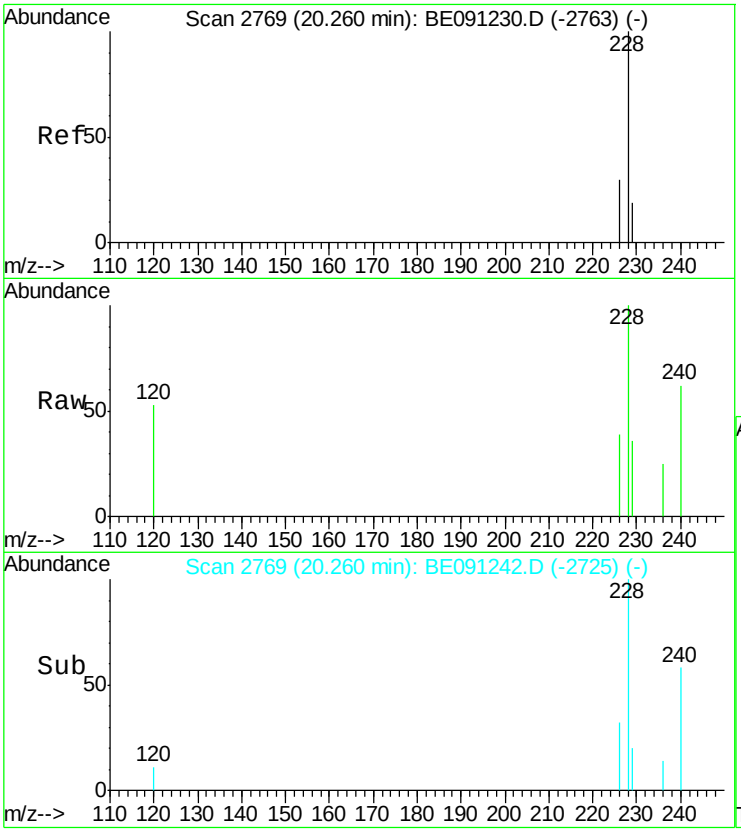


#20
Benzo(a)anthracene
Concen: 0.01 ng/ul
RT: 20.20 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Tgt Ion:228 Resp: 2145

Ion	Ratio	Lower	Upper
228	100		
226	36.5	23.0	34.4#
229	42.0	15.2	22.8#



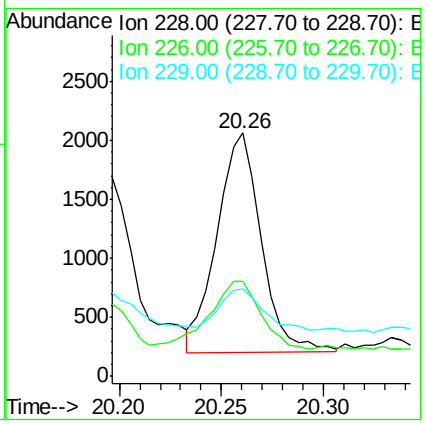


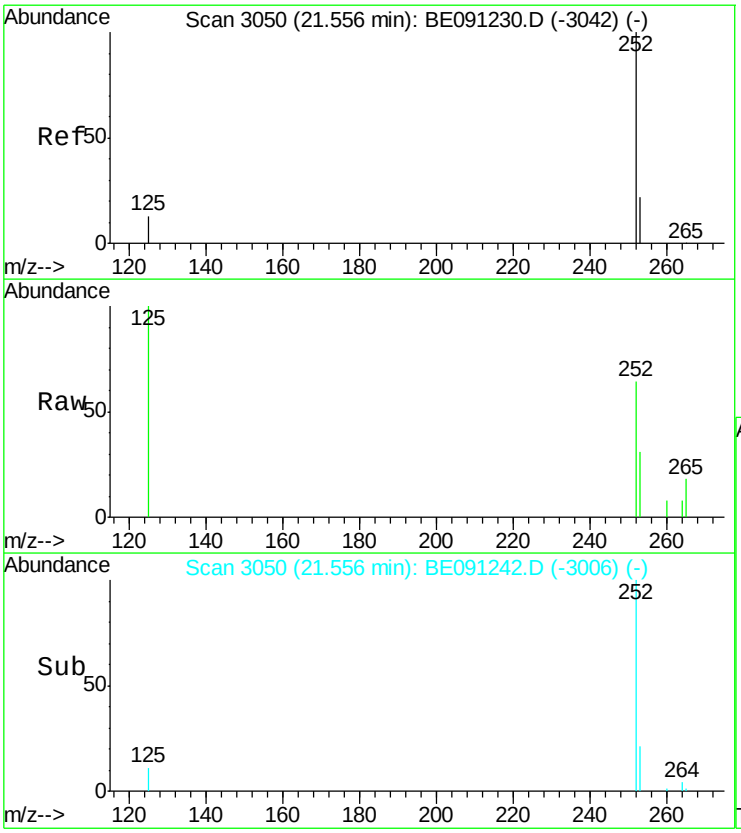
#21
Chrysene
Concen: 0.01 ng/ul
RT: 20.26 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Instrument :
BNA_E
ClientSampleId :
D9KM1

Tgt Ion:228 Resp: 2784

Ion	Ratio	Lower	Upper
228	100		
226	39.1	25.7	38.5#
229	35.7	15.2	22.8#

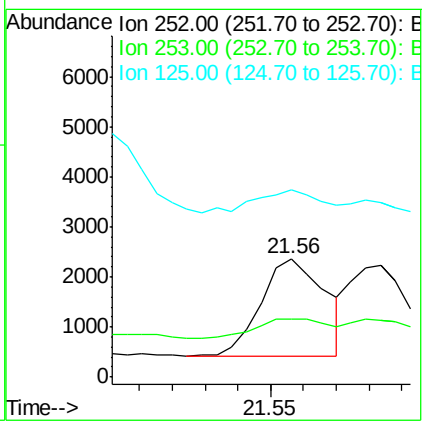


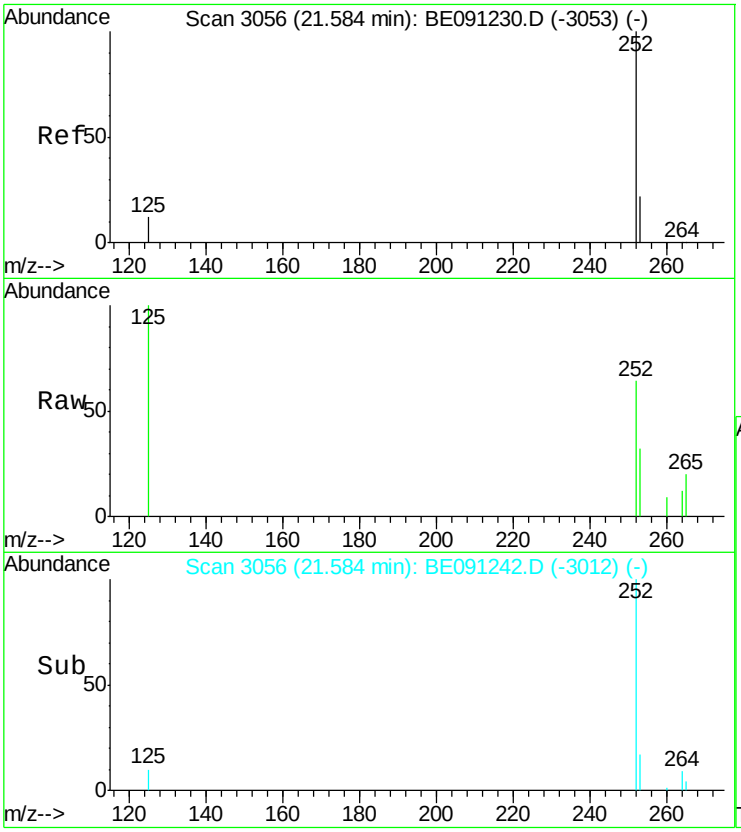


#23
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 21.56 min Scan# 3050
Delta R.T. 0.00 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Tgt Ion:252 Resp: 2633

Ion	Ratio	Lower	Upper
252	100		
253	49.2	0.0	48.0#
125	157.4	0.0	36.6#



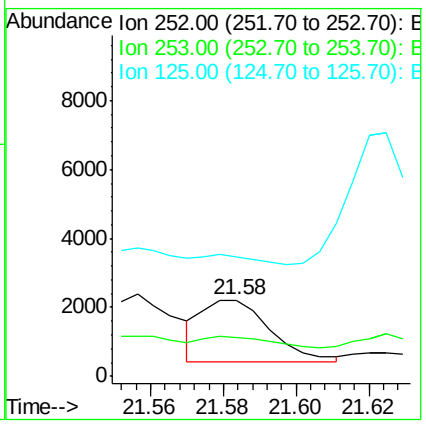


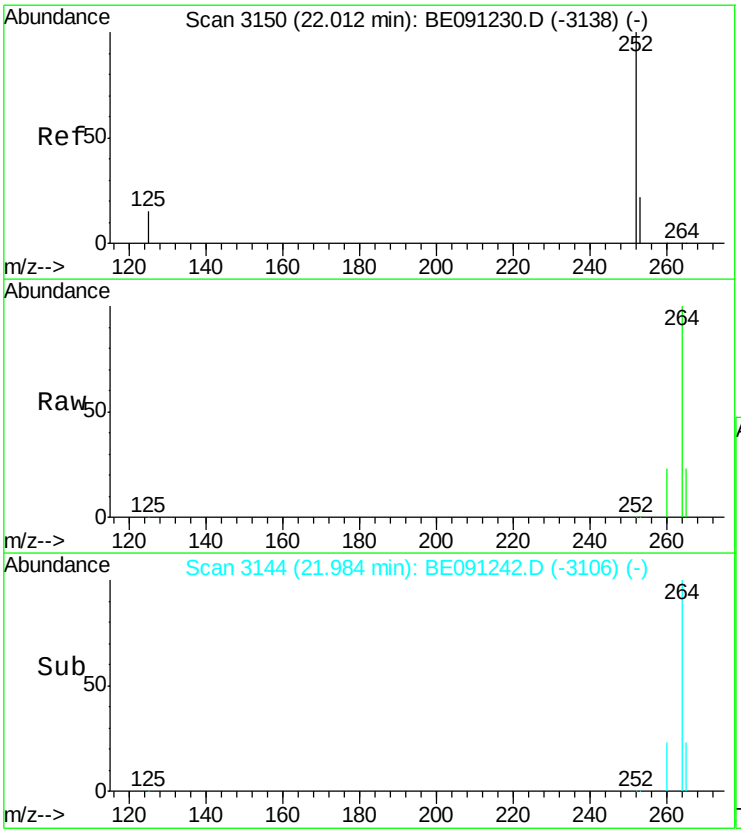
#24
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 21.58 min Scan# 3056
Delta R.T. 0.00 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Instrument :
BNA_E
ClientSampleId :
D9KM1

Tgt Ion:252 Resp: 2306

Ion	Ratio	Lower	Upper
252	100		
253	50.5	20.8	31.2#
125	156.7	12.2	18.4#

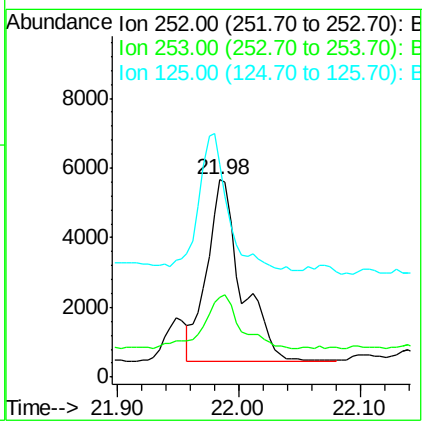


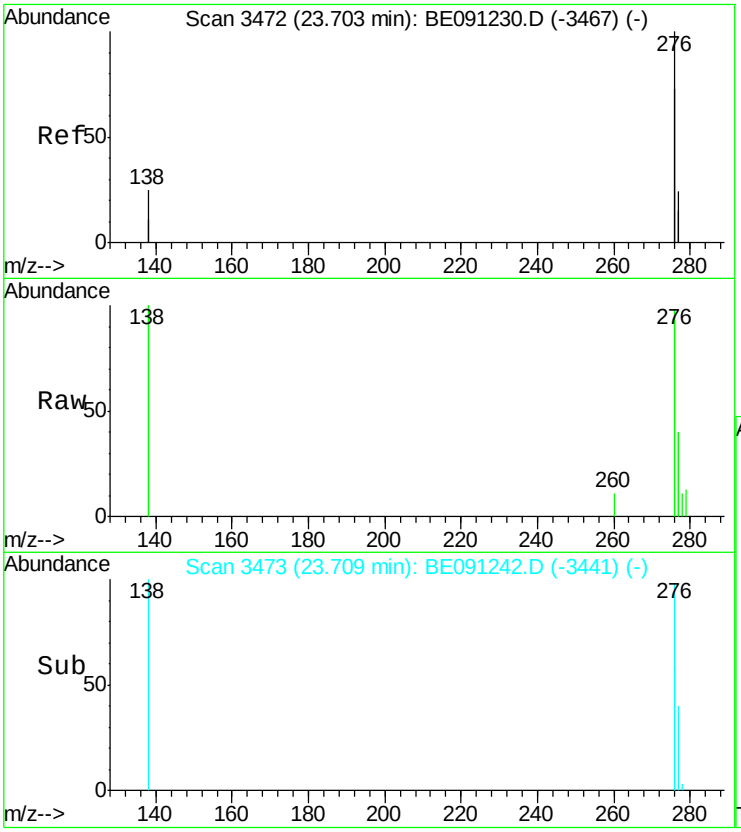


#25
Benzo(a)pyrene
Concen: 0.05 ng/ul
RT: 21.98 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Tgt Ion:252 Resp: 10531

Ion	Ratio	Lower	Upper
252	100		
253	40.6	21.8	32.8#
125	108.2	14.5	21.7#



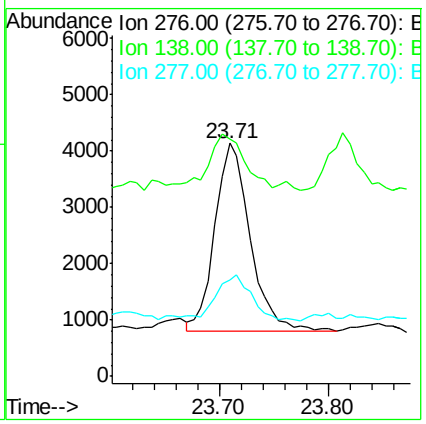


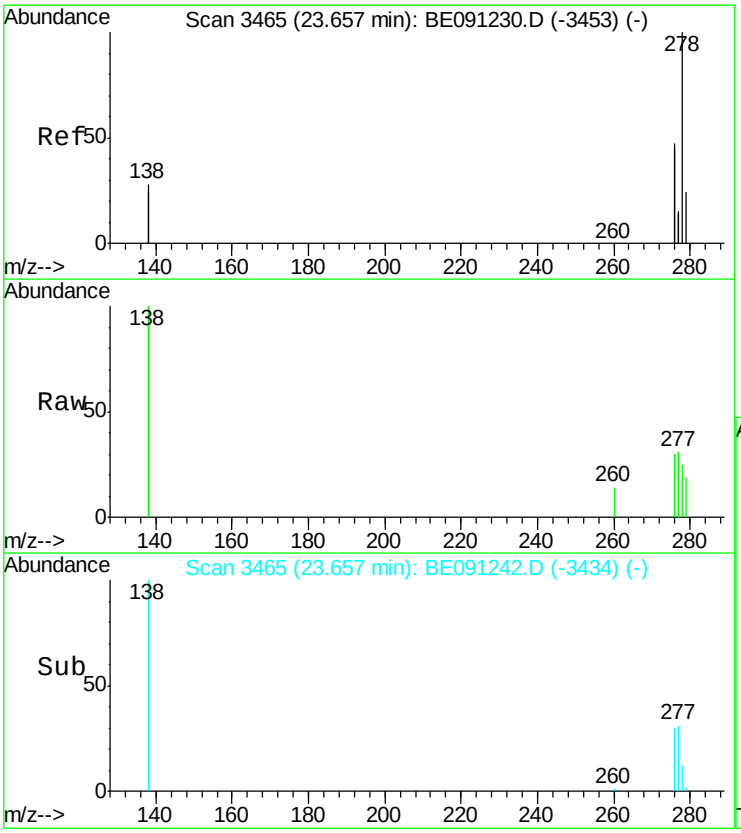
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng/ul
RT: 23.71 min Scan# 3473
Delta R.T. 0.01 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Instrument :
BNA_E
ClientSampleId :
D9KM1

Tgt Ion:276 Resp: 7490

Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.5	41.3
277	23.8	19.3	28.9

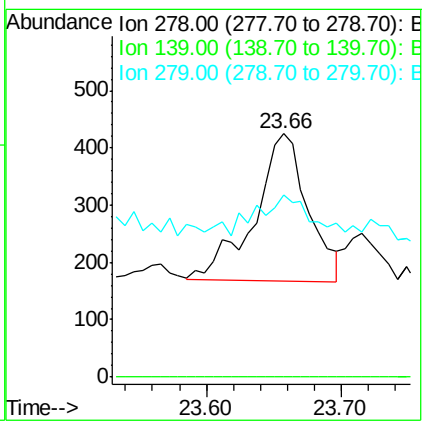


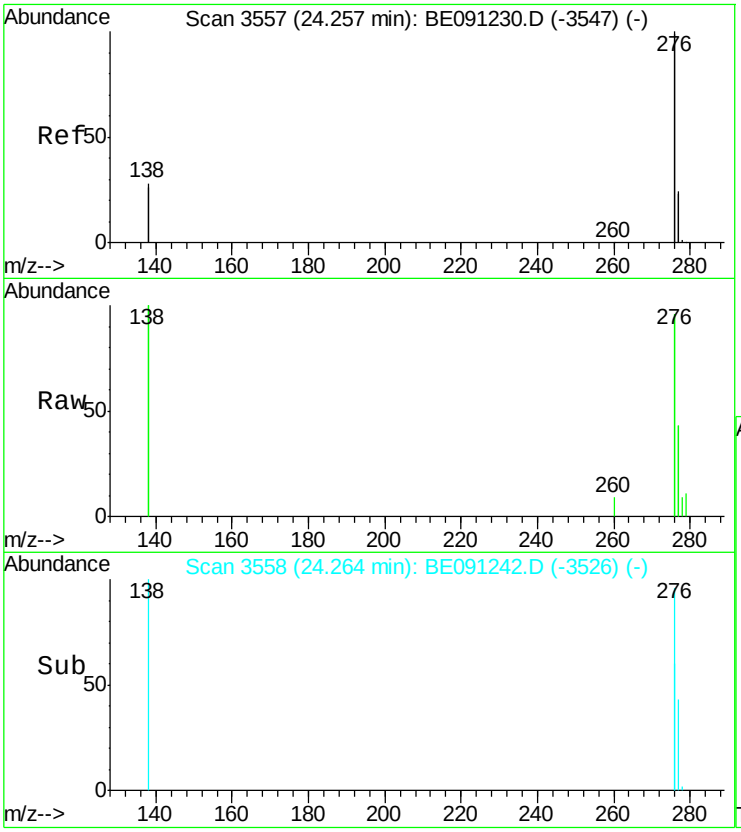


#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 23.66 min Scan# 3465
Delta R.T. 0.00 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Tgt Ion:278 Resp: 705

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	74.8	21.9	32.9#





#28
Benzo(g,h,i)perylene
Concen: 0.01 ng/ul
RT: 24.26 min Scan# 3558
Delta R.T. 0.01 min
Lab File: BE091242.D
Acq: 18 Nov 2015 23:50

Instrument :
BNA_E
ClientSampleId :
D9KM1

Tgt Ion:276 Resp: 8588

Ion	Ratio	Lower	Upper
276	100		
277	44.4	21.3	31.9#
138	104.2	25.5	38.3#