Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094247.D
Acq On : 10 Oct 2017 7:20
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 10 08:54:19 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1860	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9461	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5181	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11365	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	11899	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	11402	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	5863	0.40	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	14174	0.37	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.74	128	9111	0.39	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	6283	0.42	ng/ul	98
7) Acenaphthylene	14.24	152	9882	0.49	ng/ul	96
8) Acenaphthene	14.58	153	6691	0.40	ng/ul	98
9) Fluorene	15.57	166	7562	0.39	ng/ul#	93
11) Pentachlorophenol	16.93	266	460	0.34	ng/ul	98
12) Phenanthrene	17.29	178	12190	0.41	ng/ul#	91
13) Anthracene	17.38	178	12466	0.43	ng/ul#	91
15) Fluoranthene	19.30	202	14396	0.37	ng/ul	85
17) Pyrene	19.66	202	15009	0.45	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	14215	0.45	ng/ul#	88
19) Chrysene	21.45	228	13270	0.36	ng/ul	92
21) Benzo(b)fluoranthene	23.15	252	14228	0.46	ng/ul	90
22) Benzo(k)fluoranthene	23.20	252	13063	0.36	ng/ul#	90
23) Benzo(a)pyrene	23.81	252	13332	0.41	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.58	276	14530	0.44	ng/ul#	85
25) Dibenzo(a,h)anthracene	26.59	278	12133	0.44	ng/ul#	90
26) Benzo(g,h,i)perylene	27.41	276	12280	0.43	ng/ul#	86

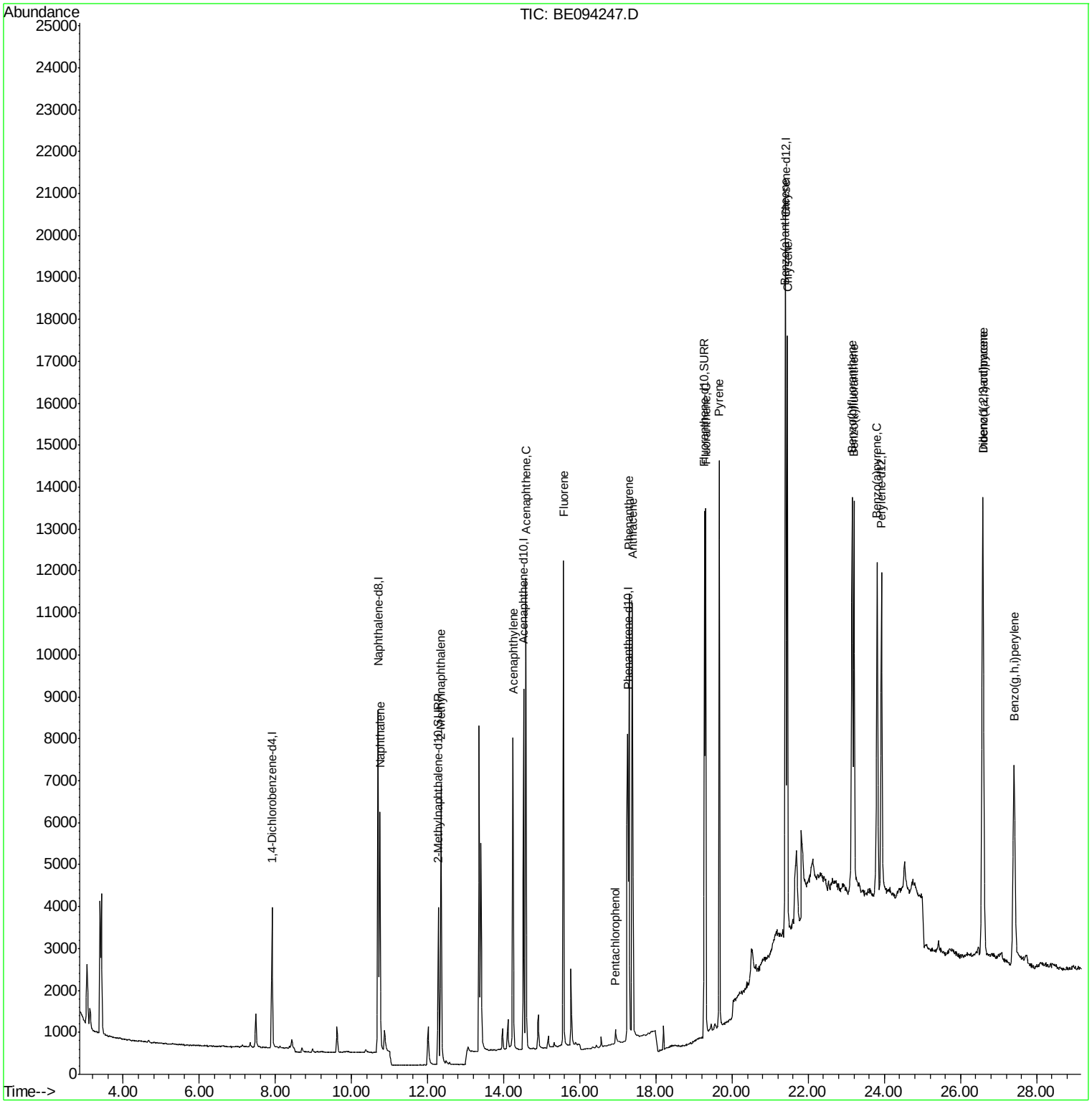
(#) = qualifier out of range (m) = manual integration (+) = signals summed

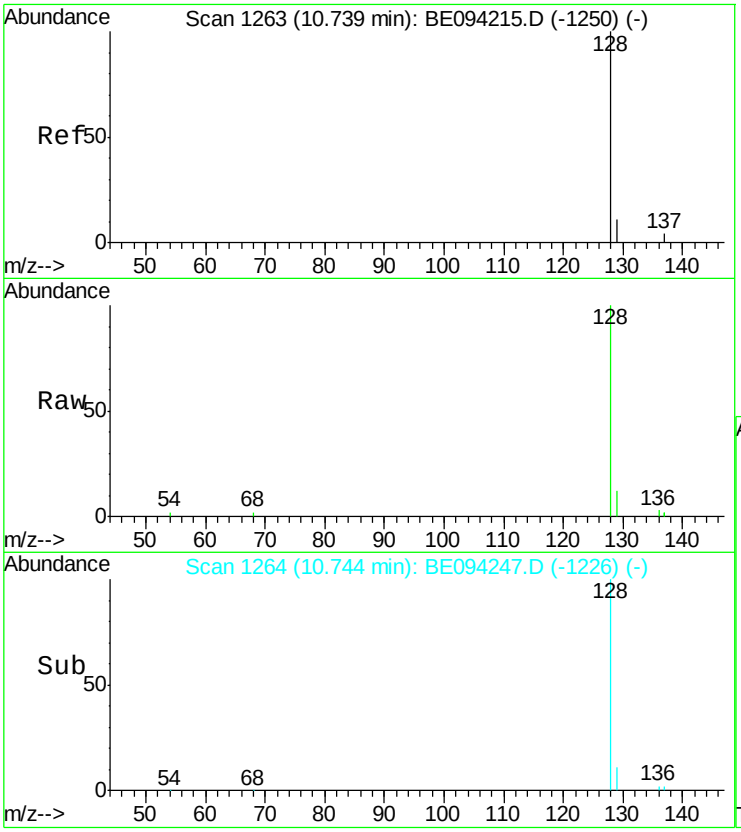
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094247.D
Acq On : 10 Oct 2017 7:20
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 10 08:54:19 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration



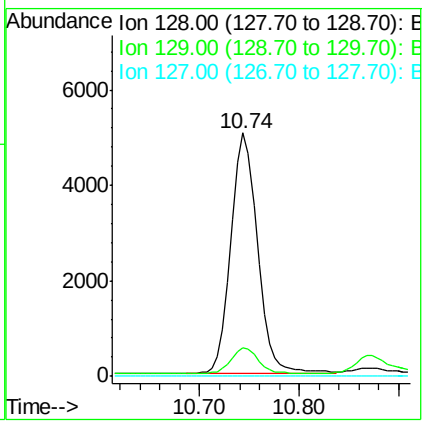


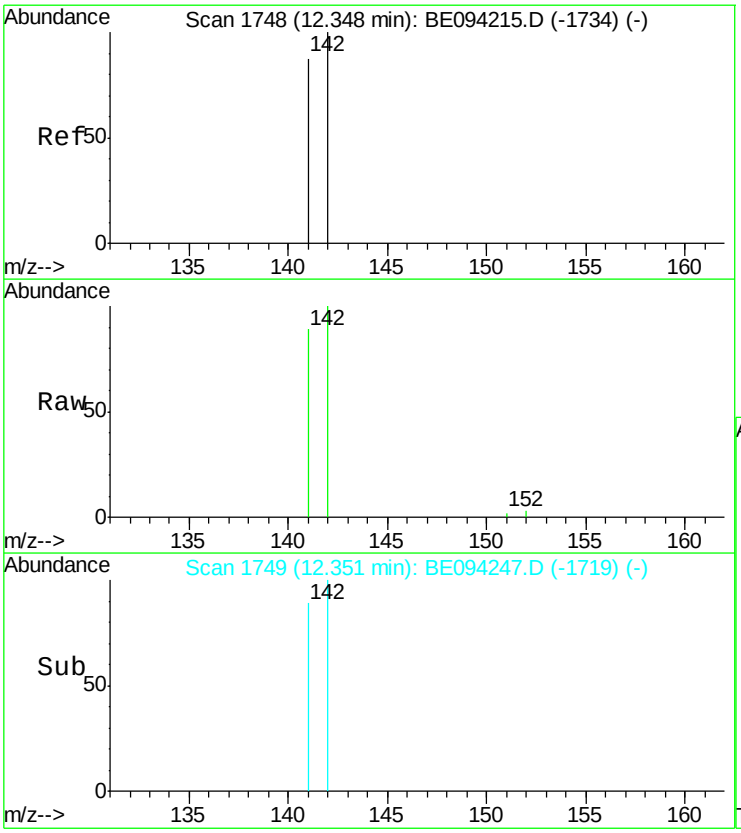
#3
Naphthalene
Concen: 0.39 ng/ul
RT: 10.74 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 9111

Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.3	16.9
127	0.0	4.0	6.0#

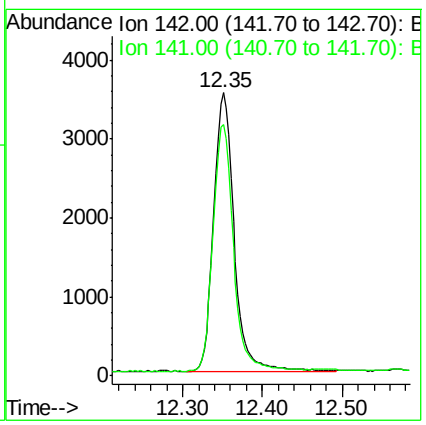


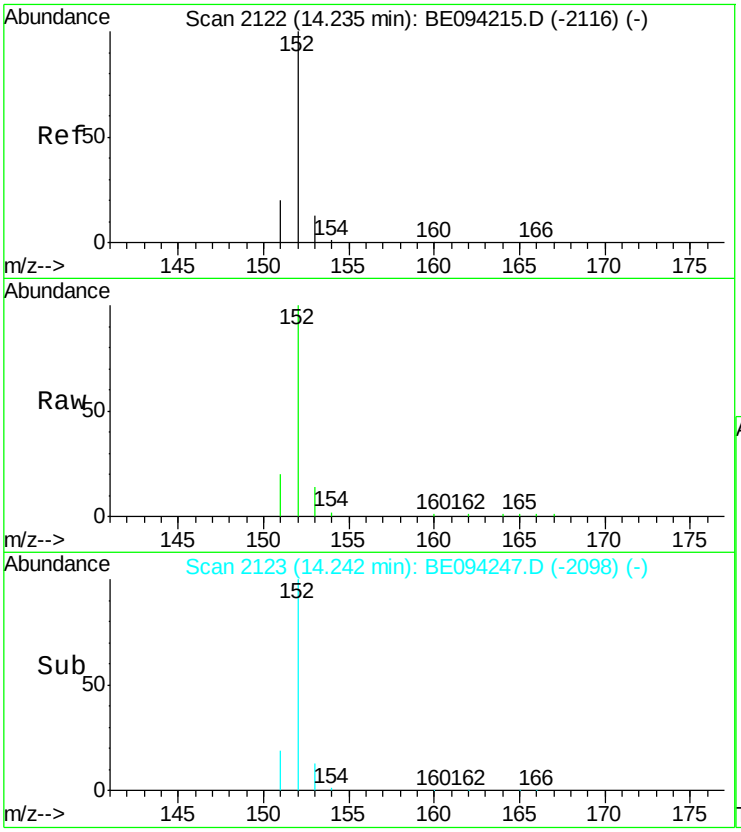


#5
2-Methylnaphthalene
Concen: 0.42 ng/ul
RT: 12.35 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Tgt Ion:142 Resp: 6283

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	108.8



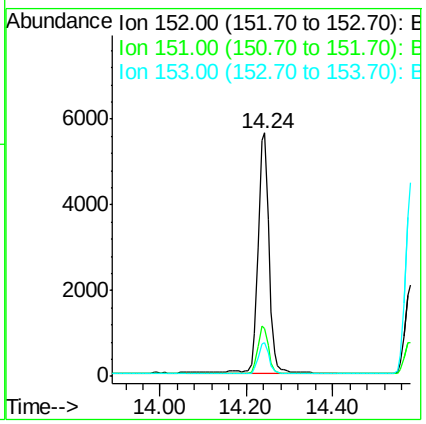


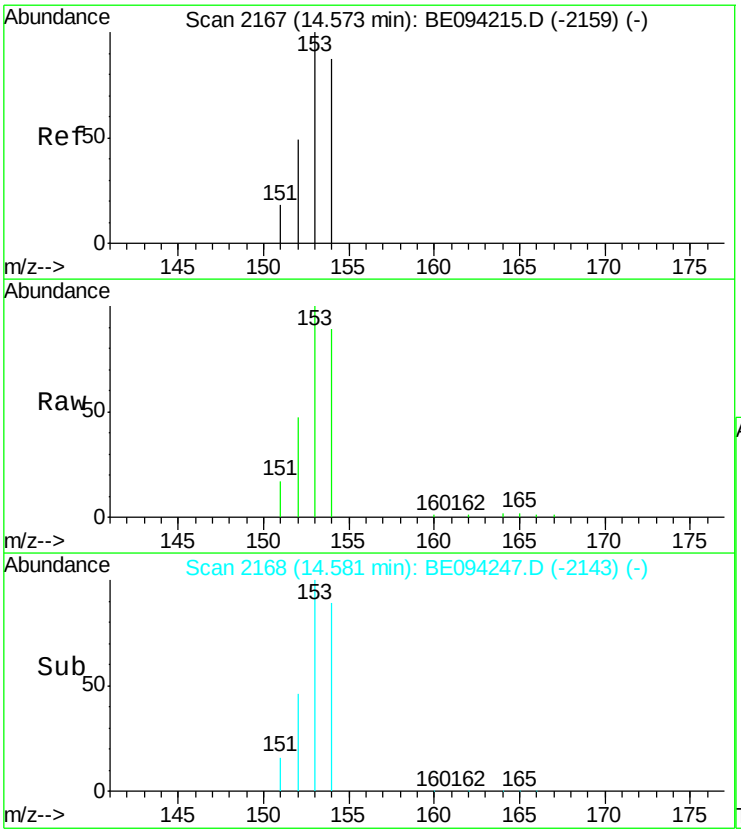
#7
Acenaphthylene
Concen: 0.49 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9882

Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.1	25.7
153	13.9	12.8	19.2

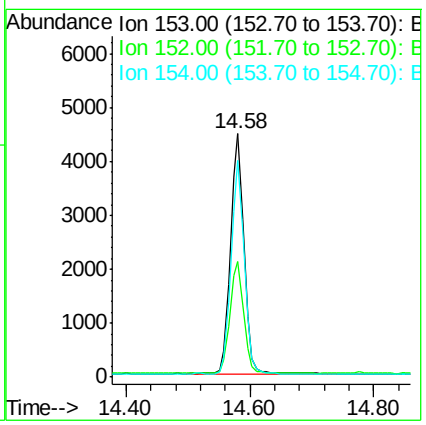


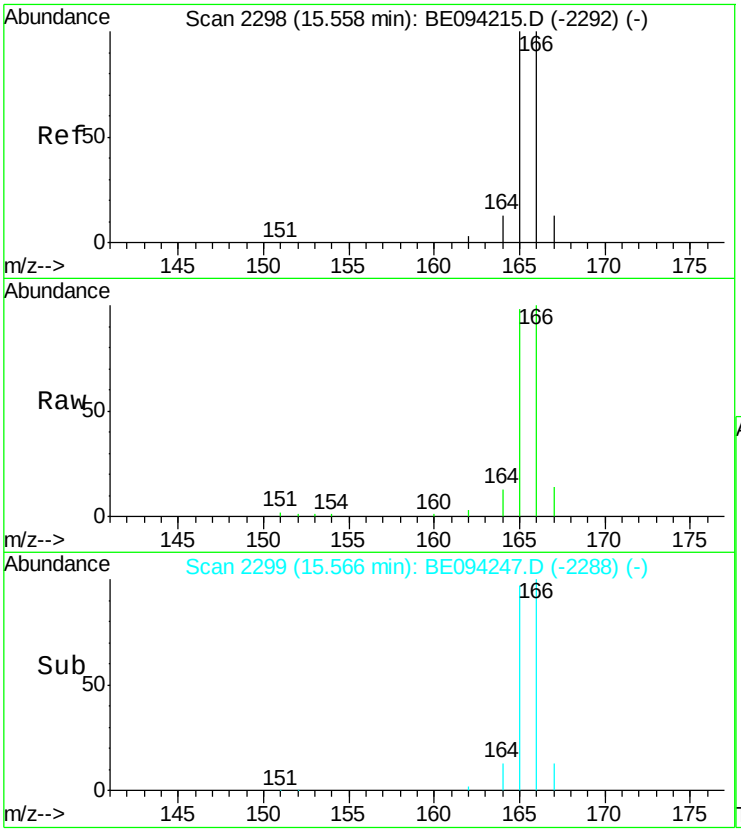


#8
Acenaphthene
Concen: 0.40 ng/ul
RT: 14.58 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Tgt Ion:153 Resp: 6691

Ion	Ratio	Lower	Upper
153	100		
152	47.3	40.3	60.5
154	88.8	71.4	107.2



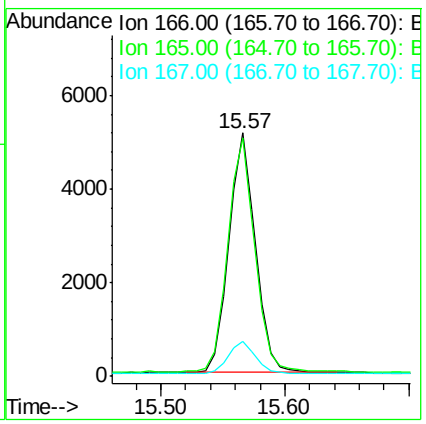


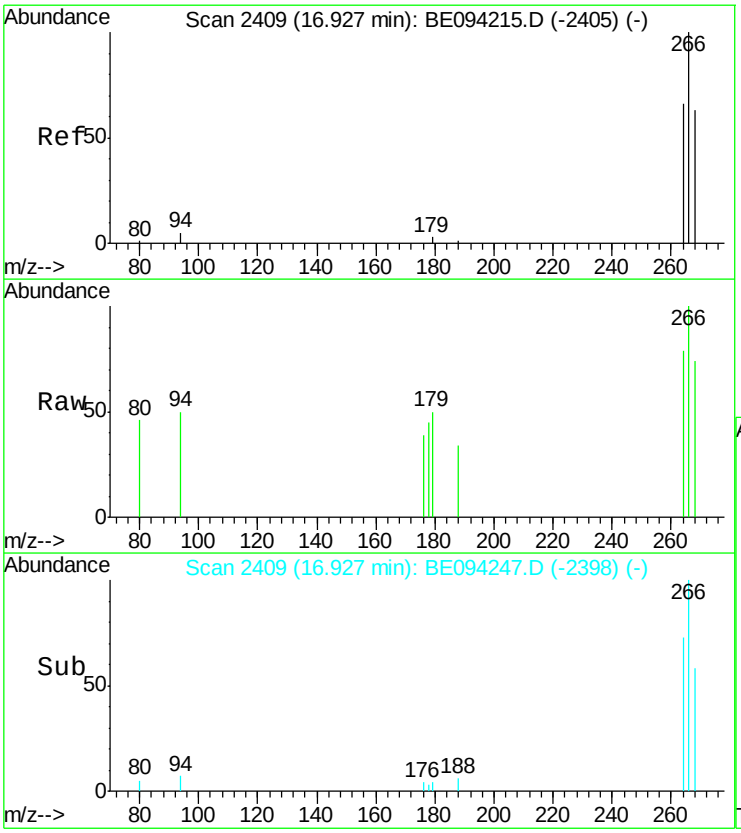
#9
Fluorene
Concen: 0.39 ng/ul
RT: 15.57 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 7562

Ion	Ratio	Lower	Upper
166	100		
165	97.8	73.4	110.2
167	14.2	14.6	22.0#

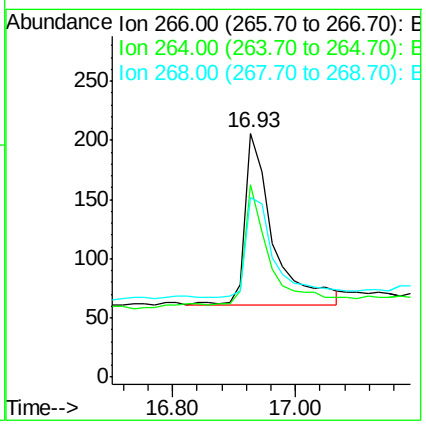


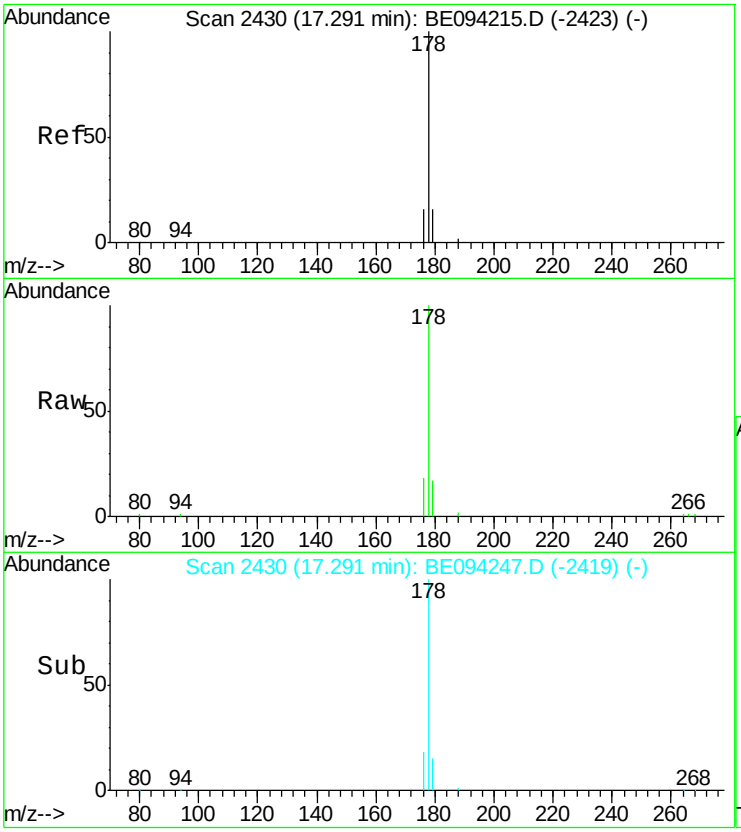


#11
Pentachlorophenol
Concen: 0.34 ng/ul
RT: 16.93 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Tgt Ion:266 Resp: 460

Ion	Ratio	Lower	Upper
266	100		
264	59.8	47.9	71.9
268	59.1	49.8	74.8



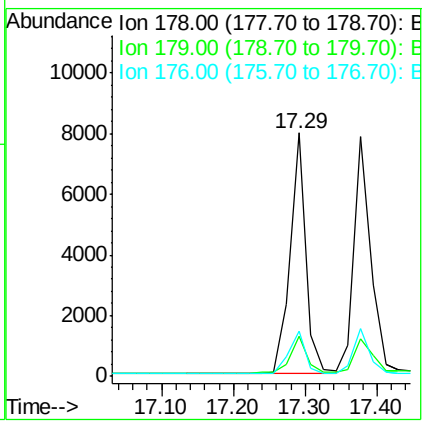


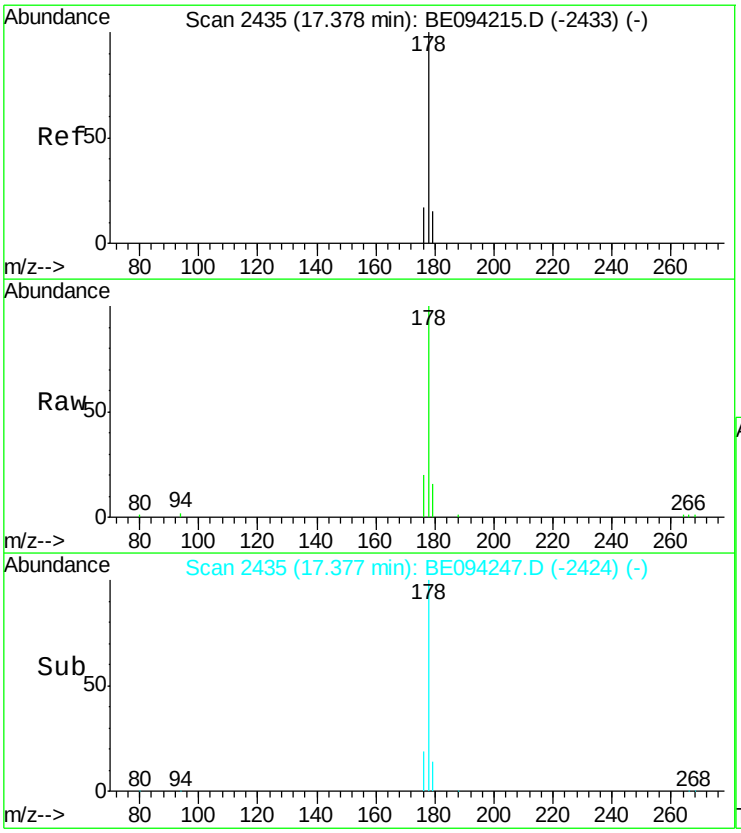
#12
Phenanthrene
Concen: 0.41 ng/ul
RT: 17.29 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 12190

Ion	Ratio	Lower	Upper
178	100		
179	16.7	18.4	27.6#
176	18.5	13.6	20.4

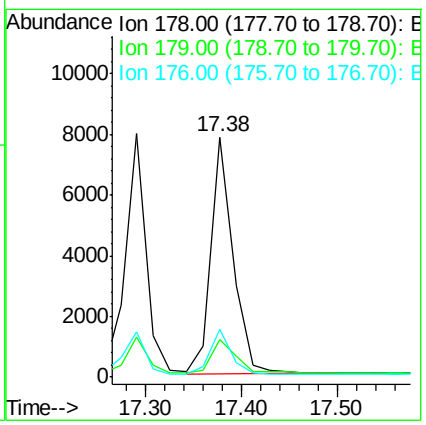


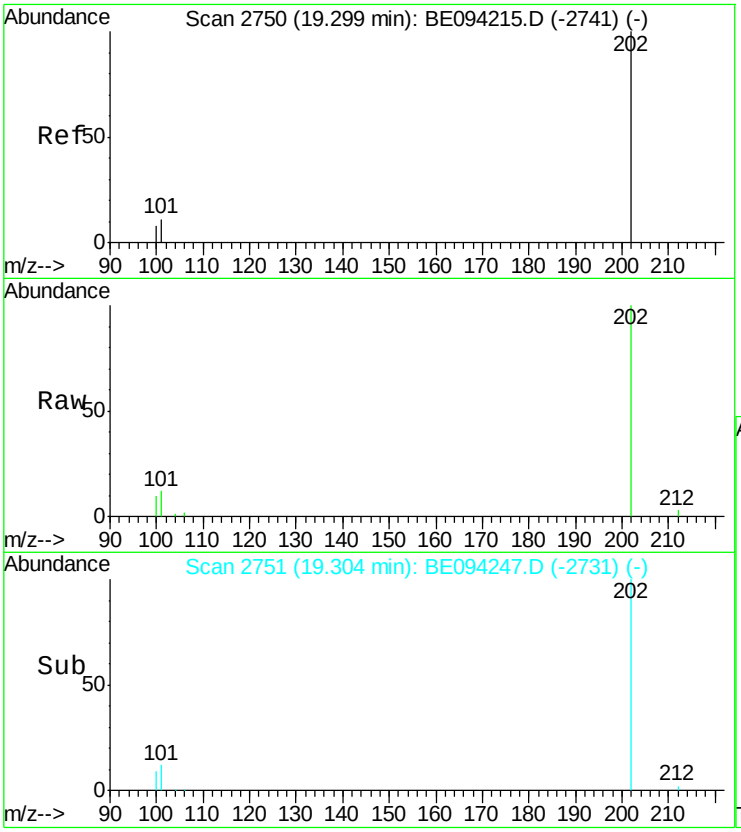


#13
Anthracene
Concen: 0.43 ng/ul
RT: 17.38 min Scan# 2435
Delta R.T. -0.02 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Tgt Ion:178 Resp: 12466

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.1	27.1#
176	19.9	14.7	22.1



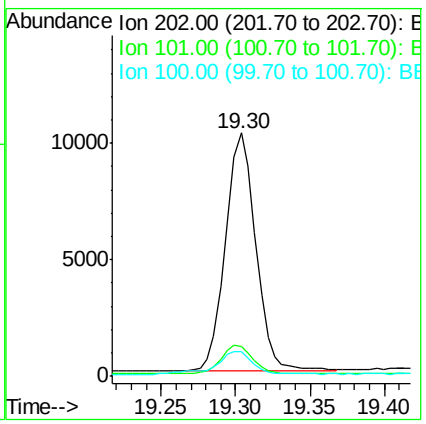


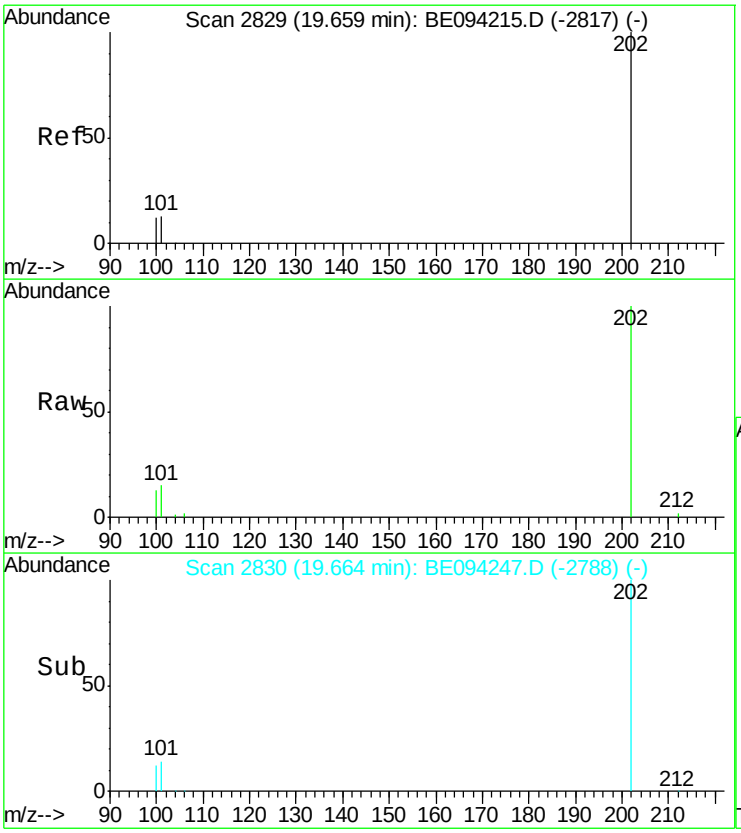
#15
Fluoranthene
Concen: 0.37 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 14396

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.3
100	10.1	0.0	39.5

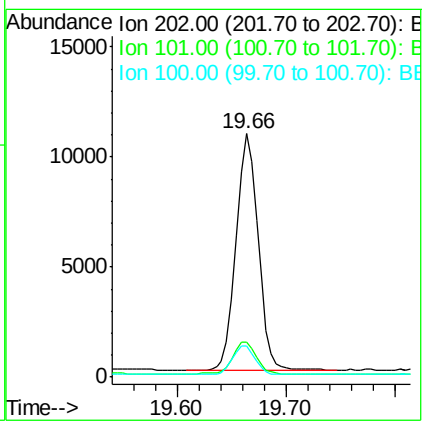


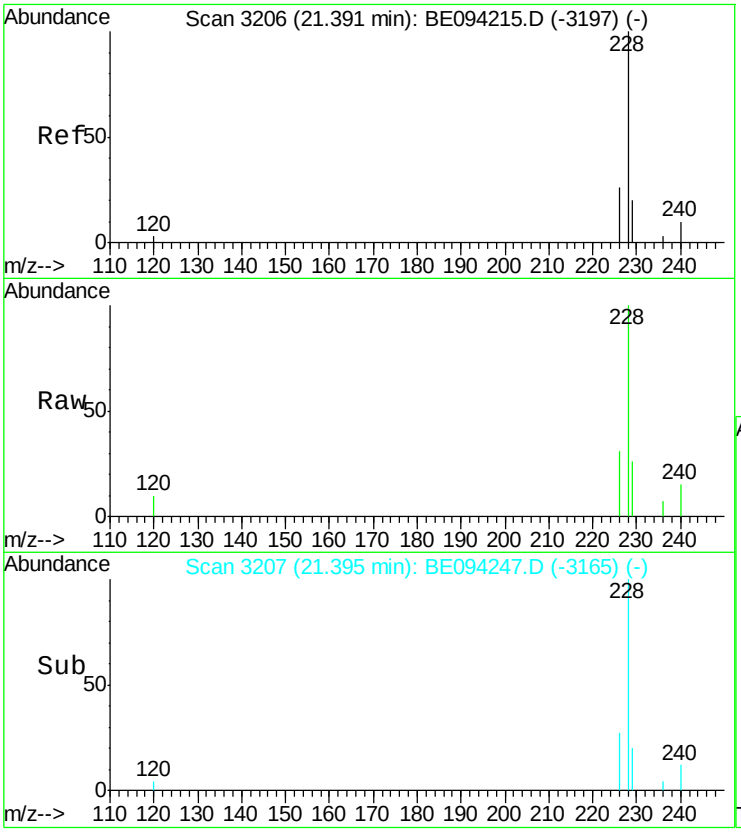


#17
Pyrene
Concen: 0.45 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Tgt Ion:202 Resp: 15009

Ion	Ratio	Lower	Upper
202	100		
101	14.6	18.2	27.4#
100	12.7	15.6	23.4#



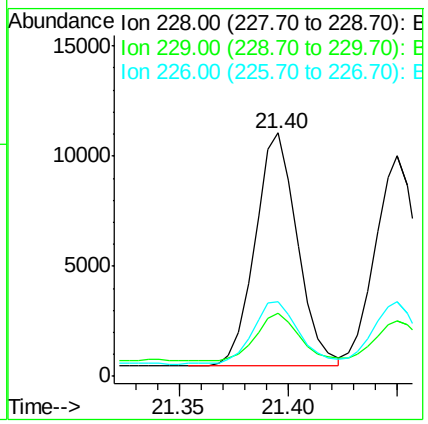


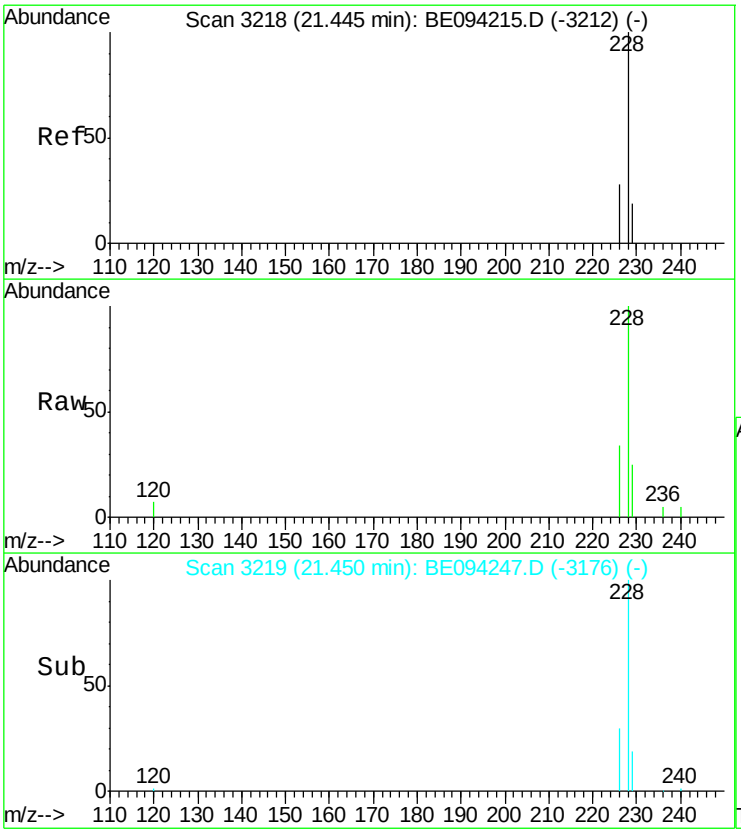
#18
Benzo(a)anthracene
Concen: 0.45 ng/ul
RT: 21.40 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 14215

Ion	Ratio	Lower	Upper
228	100		
229	25.7	22.8	34.2
226	30.9	17.0	25.6#

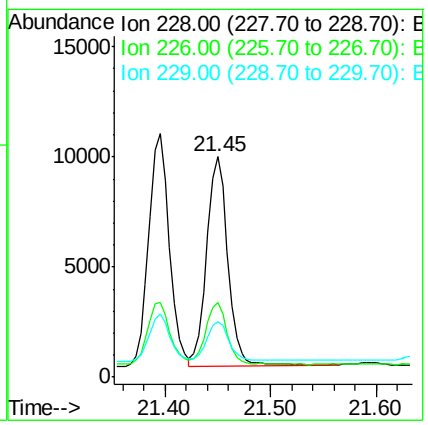


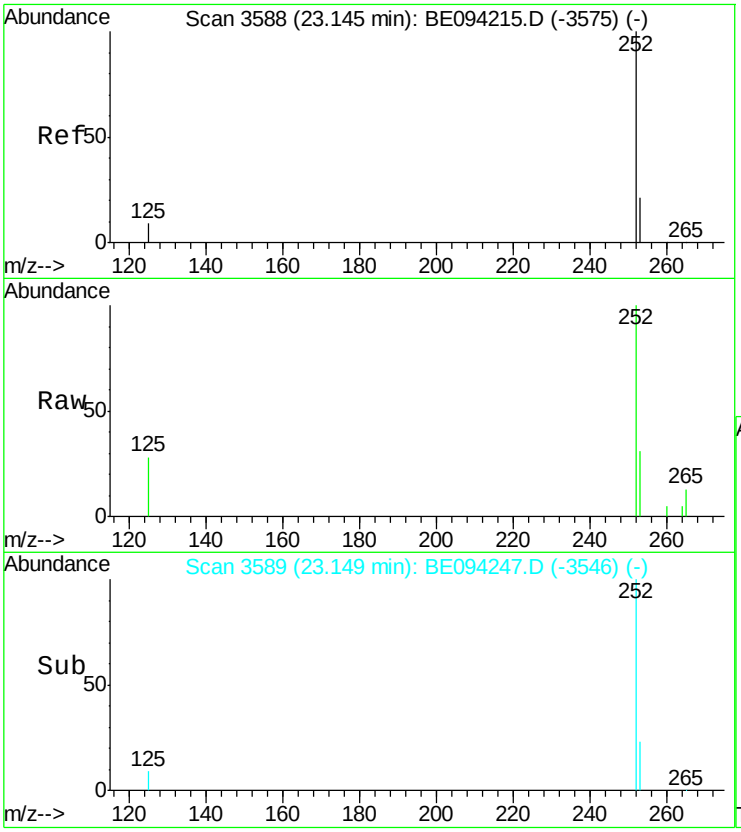


#19
Chrysene
Concen: 0.36 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Tgt Ion:228 Resp: 13270

Ion	Ratio	Lower	Upper
228	100		
226	33.6	23.4	35.0
229	25.3	17.7	26.5



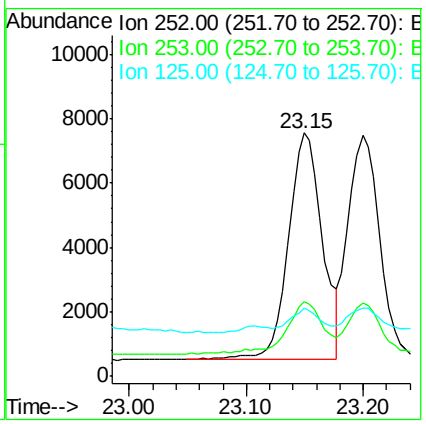


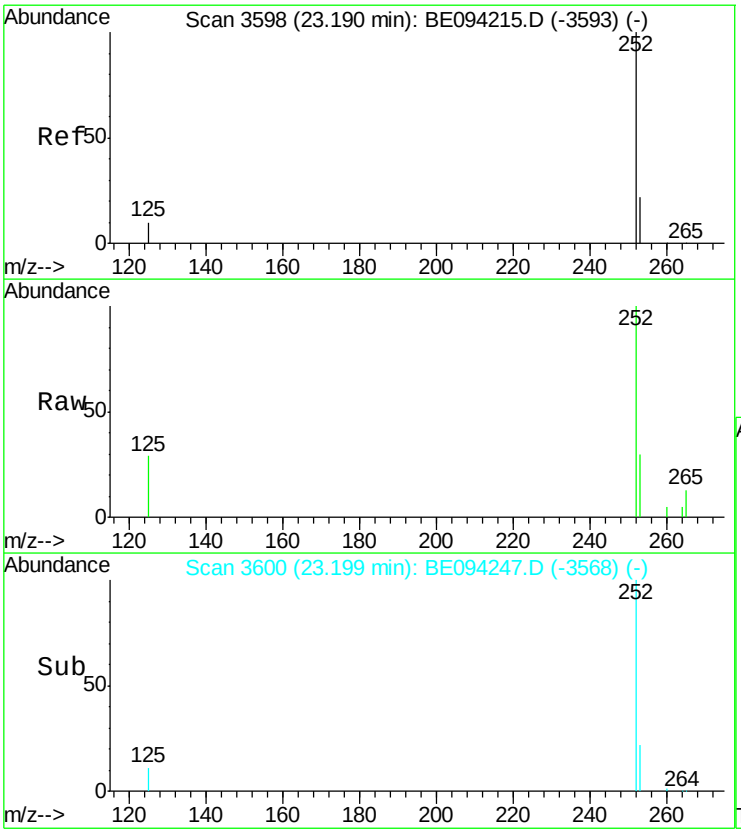
#21
Benzo(b)fluoranthene
Concen: 0.46 ng/ul
RT: 23.15 min Scan# 3589
Delta R.T. -0.00 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 14228

Ion	Ratio	Lower	Upper
252	100		
253	30.6	0.0	64.2
125	27.8	0.0	35.0

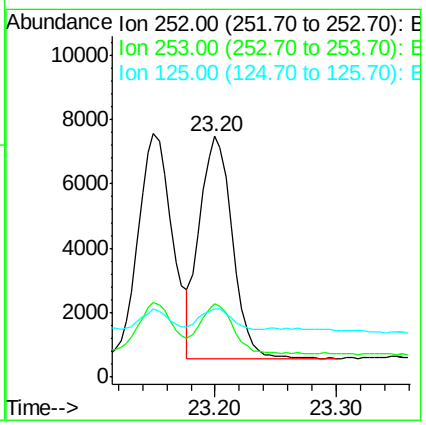


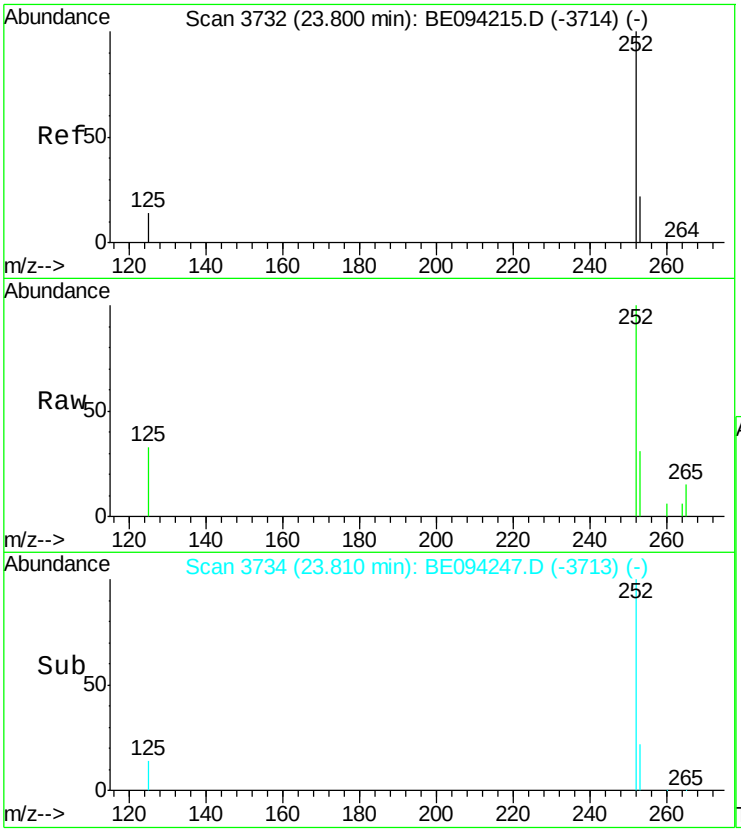


#22
Benzo(k)fluoranthene
Concen: 0.36 ng/ul
RT: 23.20 min Scan# 3600
Delta R.T. -0.00 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Tgt Ion:252 Resp: 13063

Ion	Ratio	Lower	Upper
252	100		
253	30.2	24.5	36.7
125	28.5	13.7	20.5#



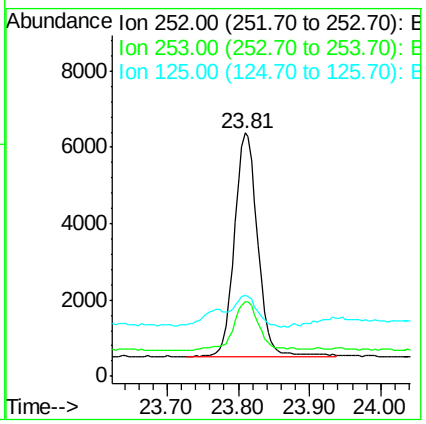


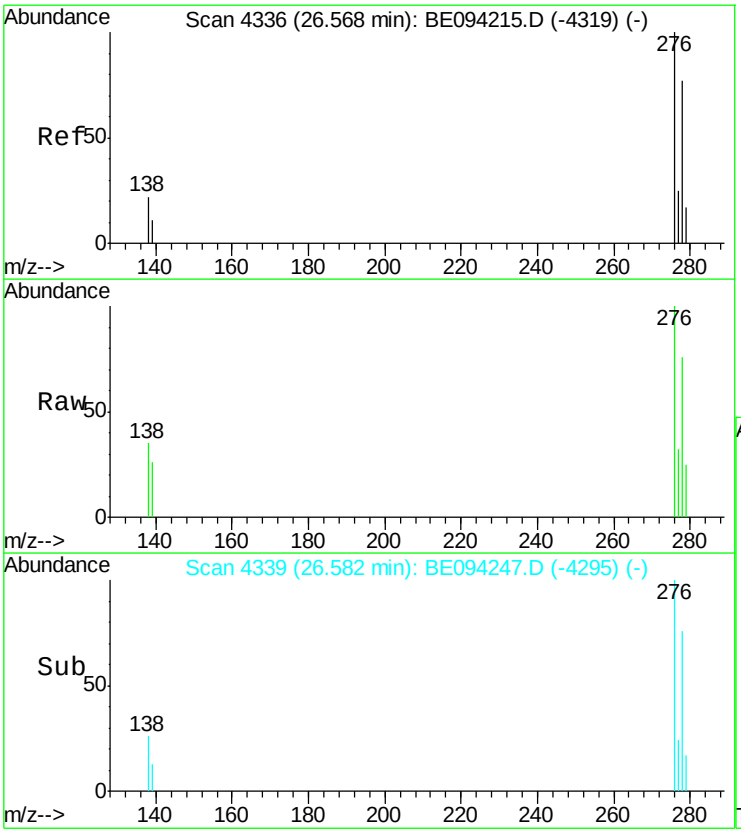
#23
Benzo(a)pyrene
Concen: 0.41 ng/ul
RT: 23.81 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13332

Ion	Ratio	Lower	Upper
252	100		
253	30.9	28.5	42.7
125	33.4	18.1	27.1#

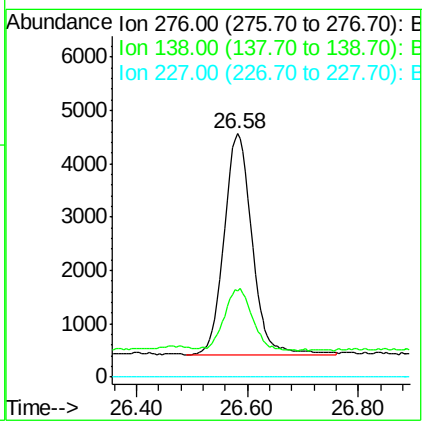


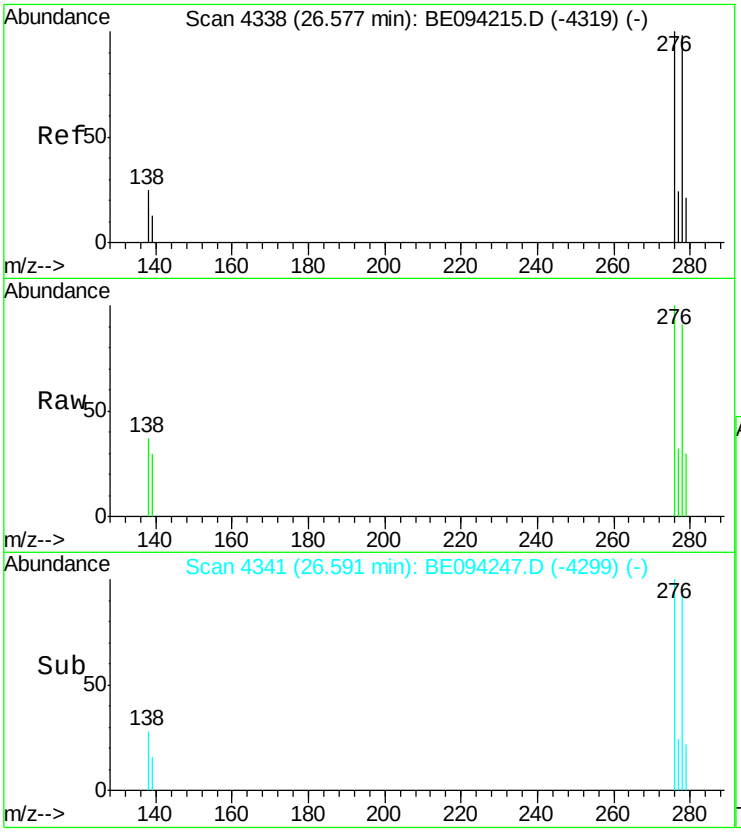


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.44 ng/ul
RT: 26.58 min Scan# 4339
Delta R.T. -0.00 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Tgt Ion:276 Resp: 14530

Ion	Ratio	Lower	Upper
276	100		
138	28.4	28.0	42.0
227	0.0	8.0	12.0#



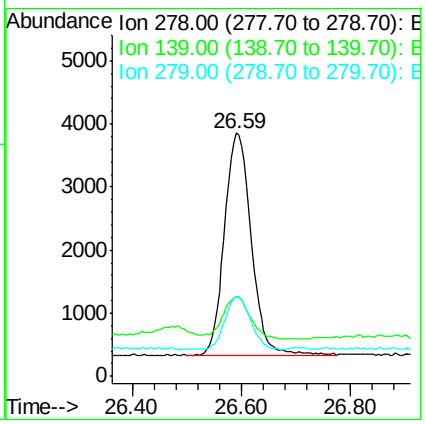


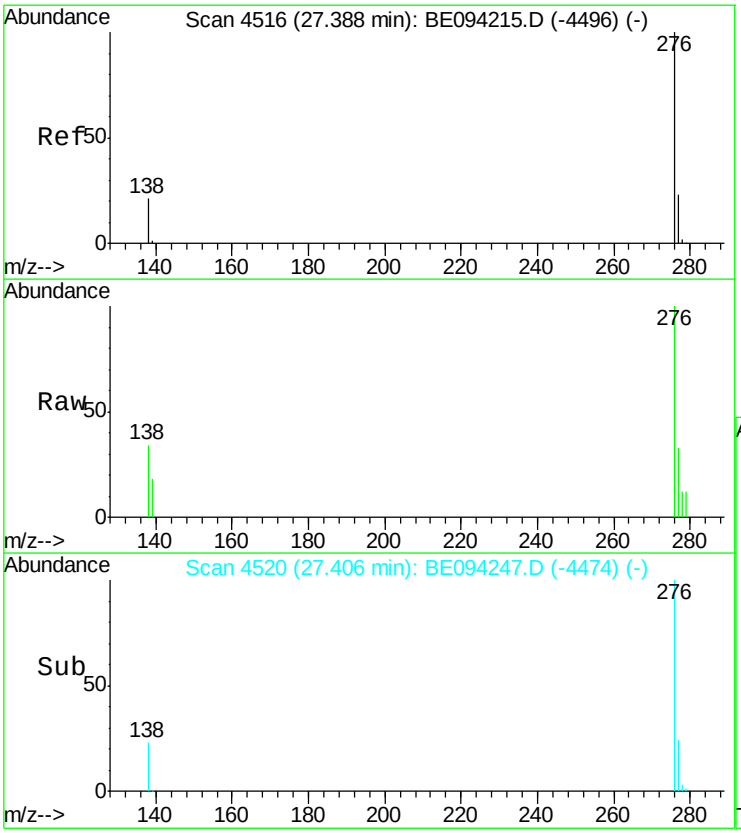
#25
Dibenzo(a,h)anthracene
Concen: 0.44 ng/ul
RT: 26.59 min Scan# 4341
Delta R.T. -0.01 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 12133

Ion	Ratio	Lower	Upper
278	100		
139	32.5	17.4	26.0#
279	32.9	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.43 ng/ul
RT: 27.41 min Scan# 4520
Delta R.T. 0.01 min
Lab File: BE094247.D
Acq: 10 Oct 2017 7:20

Tgt Ion:276 Resp: 12280

Ion	Ratio	Lower	Upper
276	100		
138	34.3	21.8	32.8#
277	33.4	20.5	30.7#