Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094290.D
Acq On : 11 Oct 2017 21:42
Operator : SJ/JU
Sample : I5490-04DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 12 07:36:36 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 07:31:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1806	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9105	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5065	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10531	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	10343	0.40	ng/ul	0.01
20) Perylene-d12	23.94	264	10928	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	824	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1831	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	21983	0.986	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	11244	0.777	ng/ul	98
7) Acenaphthylene	14.24	152	2621	0.133	ng/ul#	84
8) Acenaphthene	14.58	153	26294	1.617	ng/ul	97
9) Fluorene	15.57	166	41352	2.172	ng/ul#	93
11) Pentachlorophenol	16.93	266	84	0.068	ng/ul#	44
12) Phenanthrene	17.29	178	631714	22.955	ng/ul#	88
13) Anthracene	17.38	178	181713	6.789	ng/ul#	89
15) Fluoranthene	19.31	202	831957	23.008	ng/ul	84
17) Pyrene	19.67	202	727213	25.270	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	473653	17.262	ng/ul#	87
19) Chrysene	21.46	228	419492	13.239	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	703806	23.708	ng/ul	87
22) Benzo(k)fluoranthene	23.17	252	703806	20.511	ng/ul#	88
23) Benzo(a)pyrene	23.83	252	380919	12.348	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.61	276	212525	6.735	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.61	278	62704	2.369	ng/ul	95
26) Benzo(g,h,i)perylene	27.44	276	165174	6.068	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
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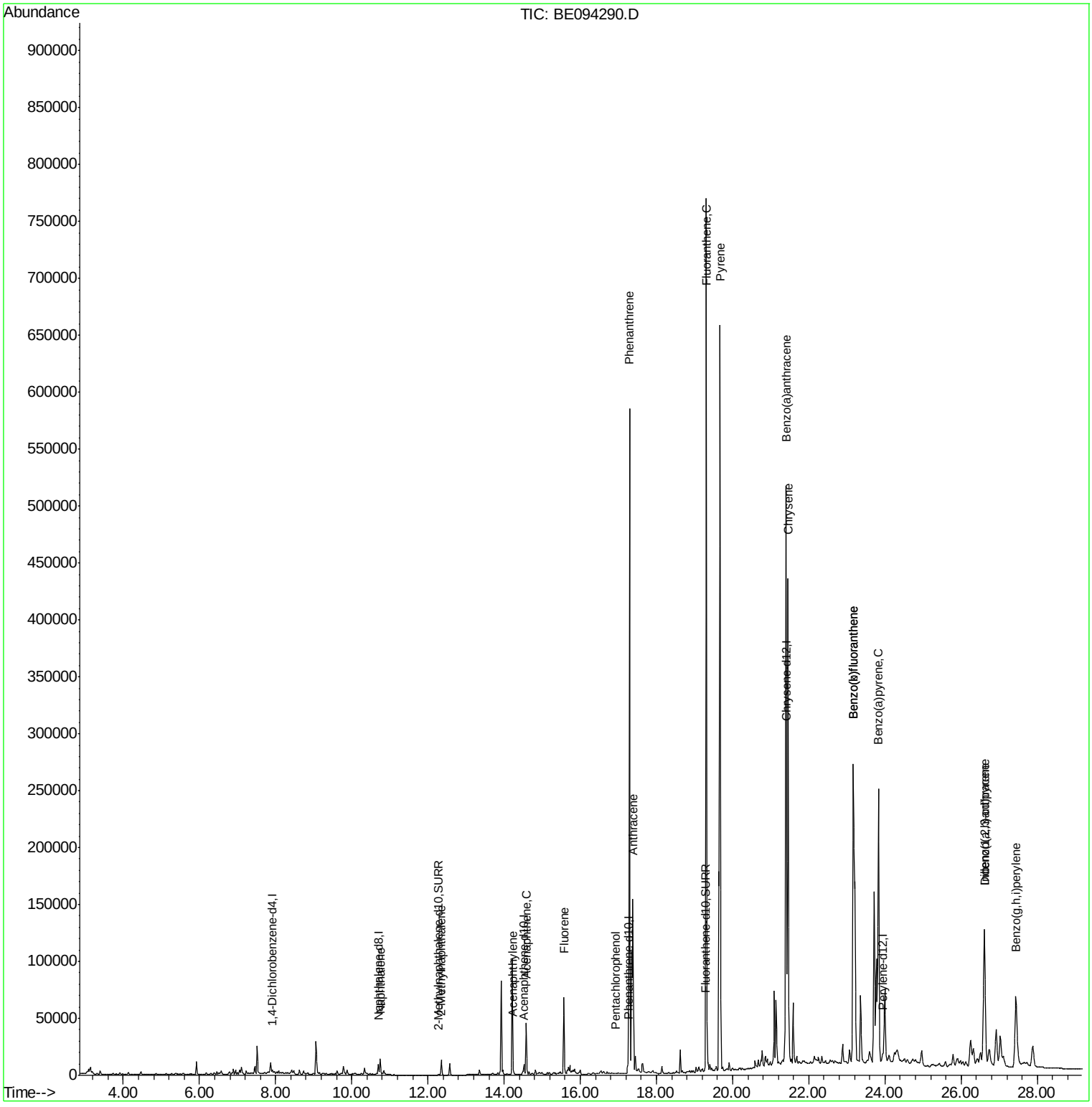
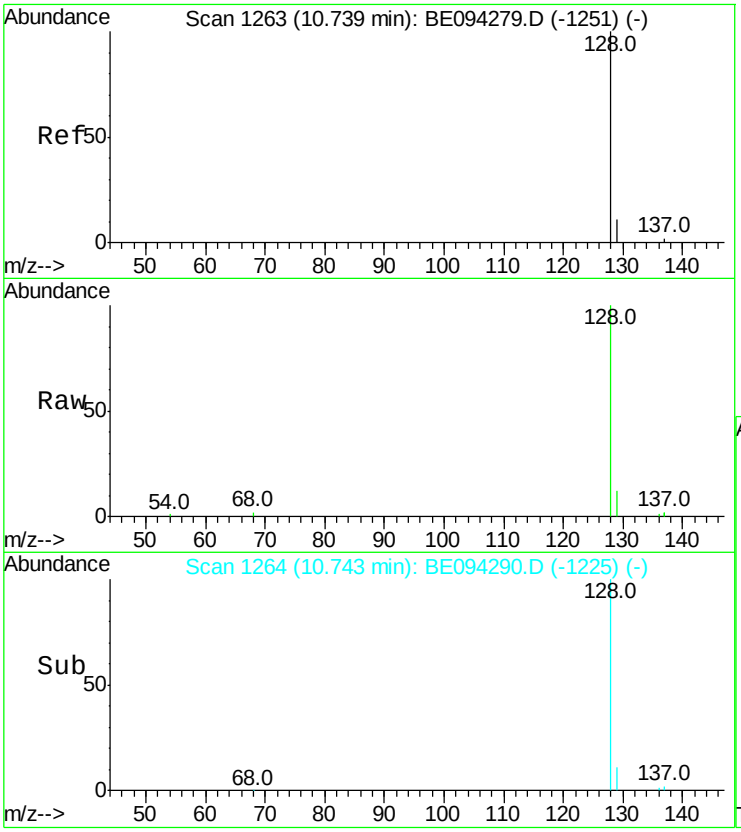
Acq On : 11 Oct 2017 21:42
Operator : SJ/JU
Sample : I5490-04DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 12 07:36:36 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 07:31:23 2017
Response via : Initial Calibration



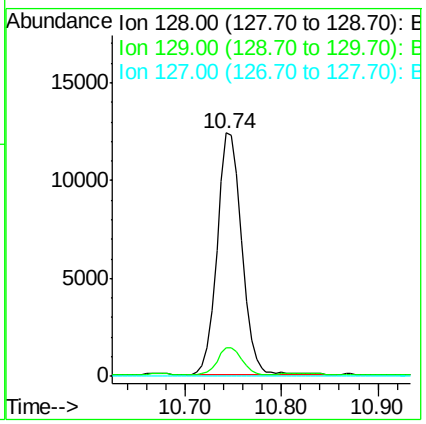


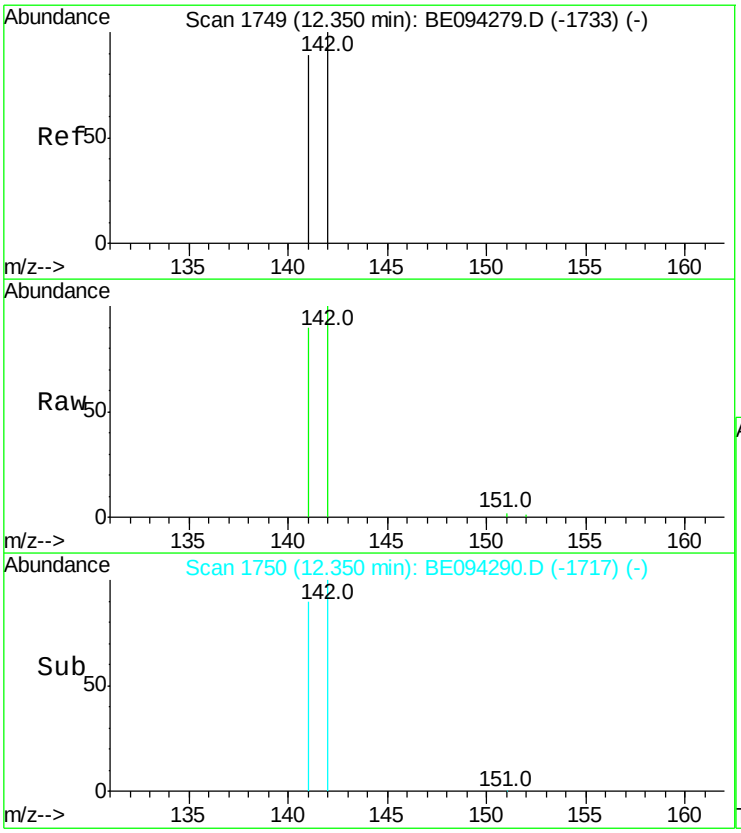
#3
Naphthalene
Concen: 0.986 ng/ul
RT: 10.74 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 21983

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

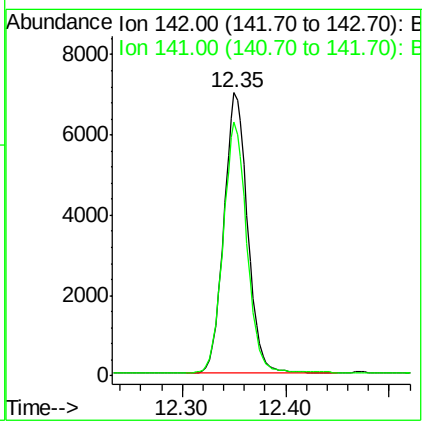


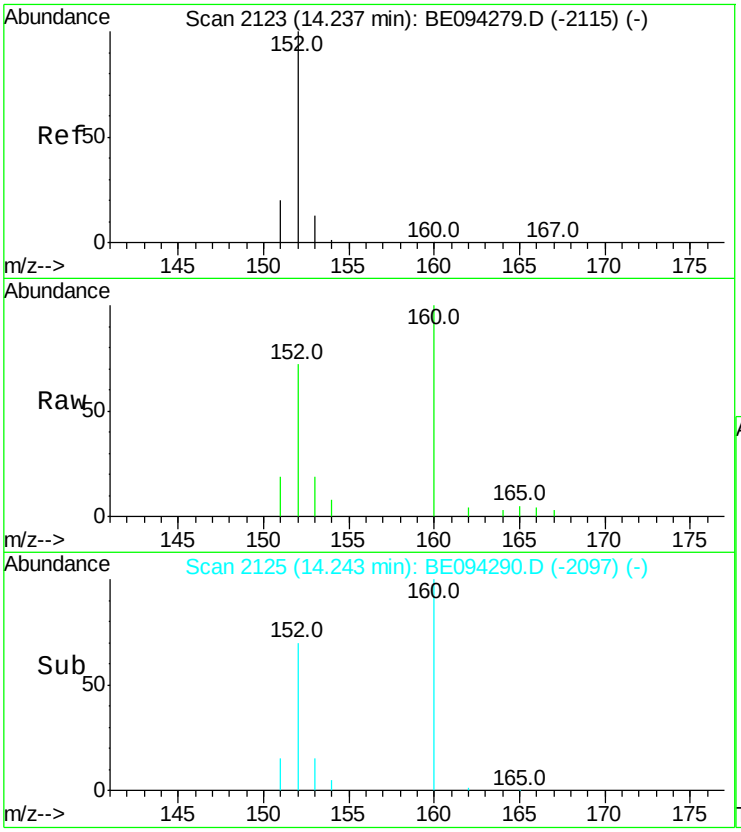


#5
2-Methylnaphthalene
Concen: 0.777 ng/ul
RT: 12.35 min Scan# 1750
Delta R.T. 0.00 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Tgt Ion:142 Resp: 11244

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	108.8



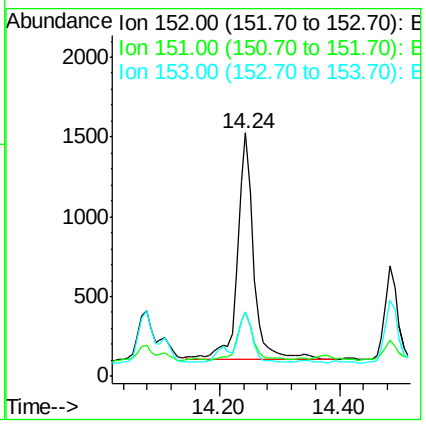


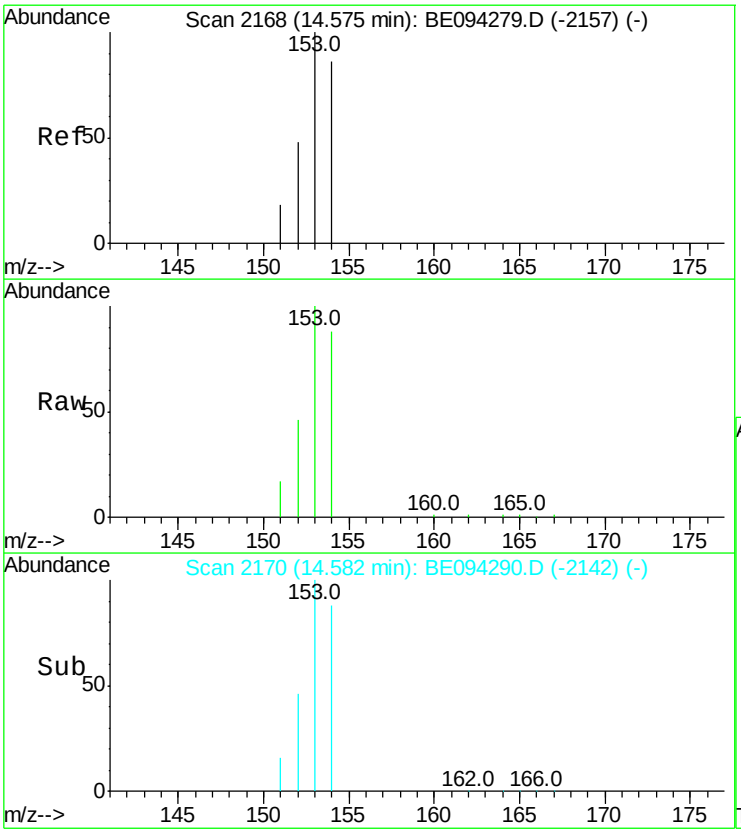
#7
Acenaphthylene
Concen: 0.133 ng/ul
RT: 14.24 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2621

Ion	Ratio	Lower	Upper
152	100		
151	26.4	17.1	25.7#
153	26.2	12.8	19.2#

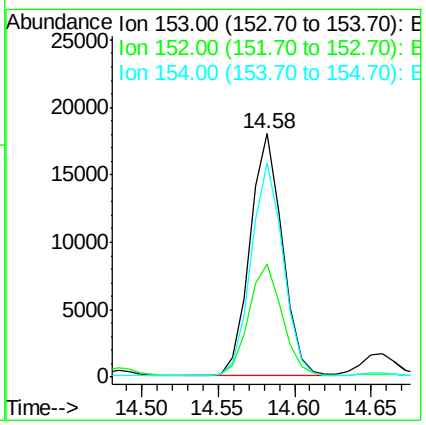


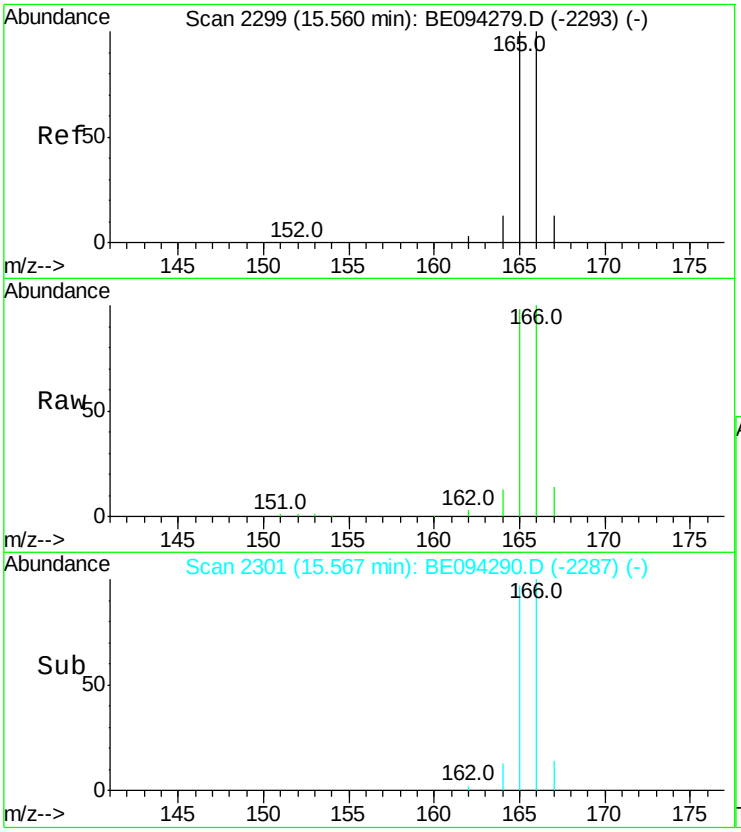


#8
Acenaphthene
Concen: 1.617 ng/ul
RT: 14.58 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Tgt Ion:153 Resp: 26294

Ion	Ratio	Lower	Upper
153	100		
152	46.3	40.3	60.5
154	87.9	71.4	107.2



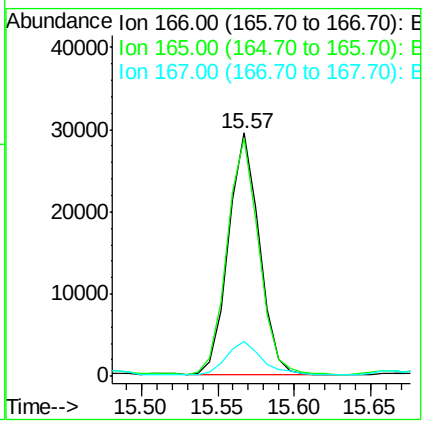


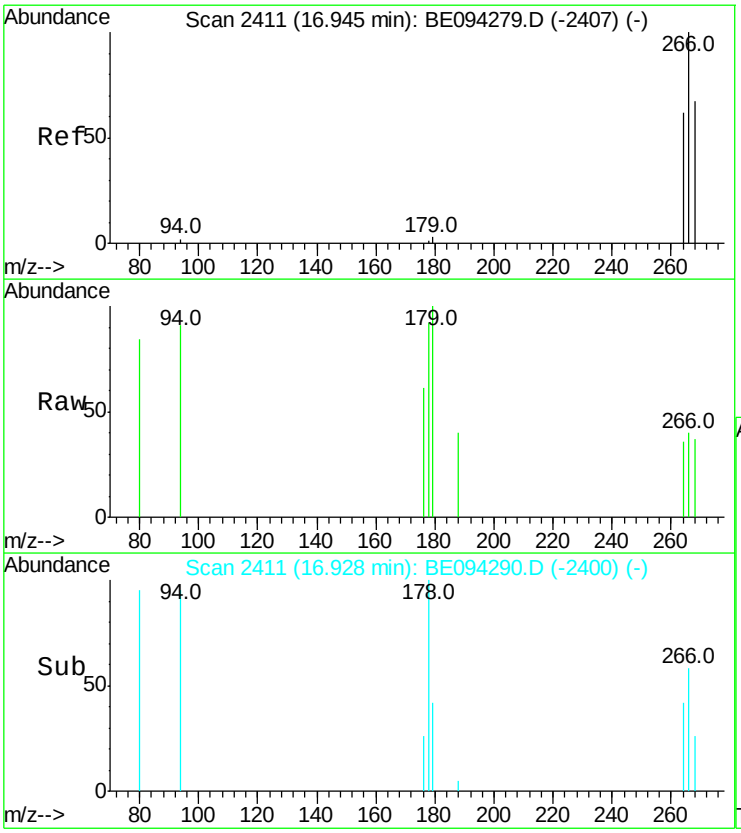
#9
Fluorene
Concen: 2.172 ng/ul
RT: 15.57 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 41352

Ion	Ratio	Lower	Upper
166	100		
165	97.9	73.4	110.2
167	14.2	14.6	22.0#

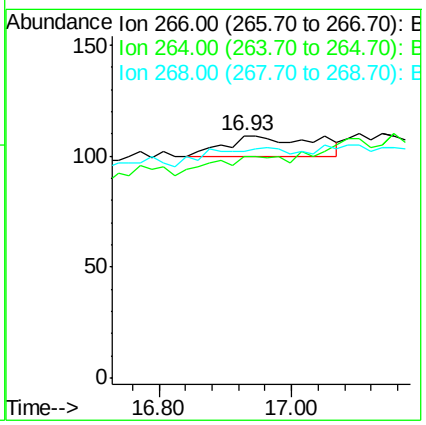


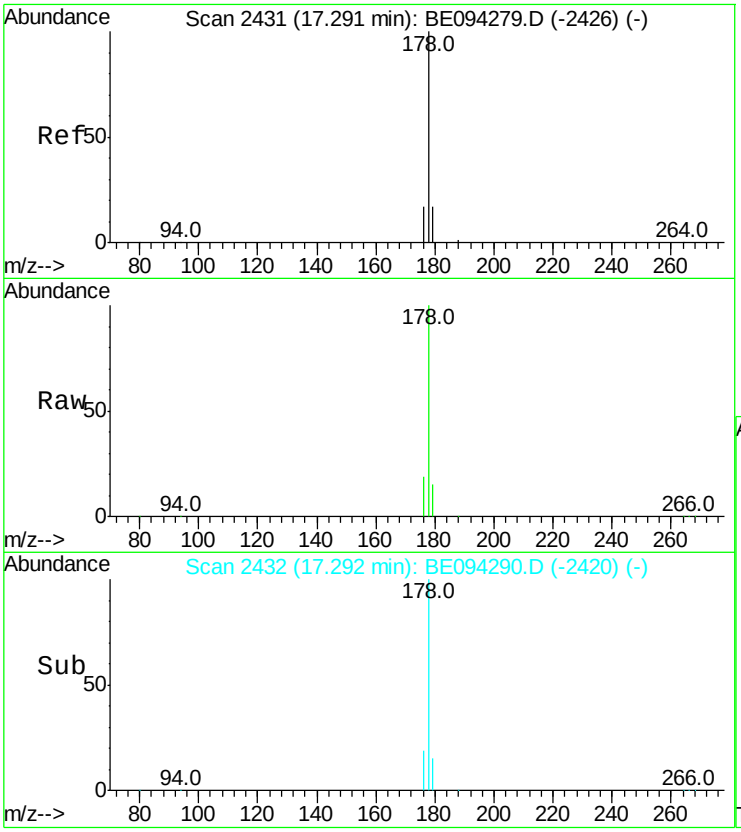


#11
Pentachlorophenol
Concen: 0.068 ng/ul
RT: 16.93 min Scan# 2411
Delta R.T. -0.02 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Tgt Ion:266 Resp: 84

Ion	Ratio	Lower	Upper
266	100		
264	82.1	47.9	71.9#
268	0.0	49.8	74.8#



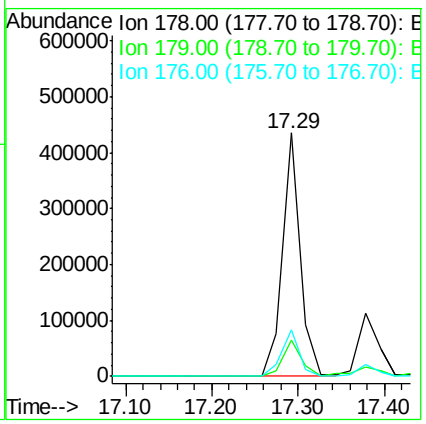


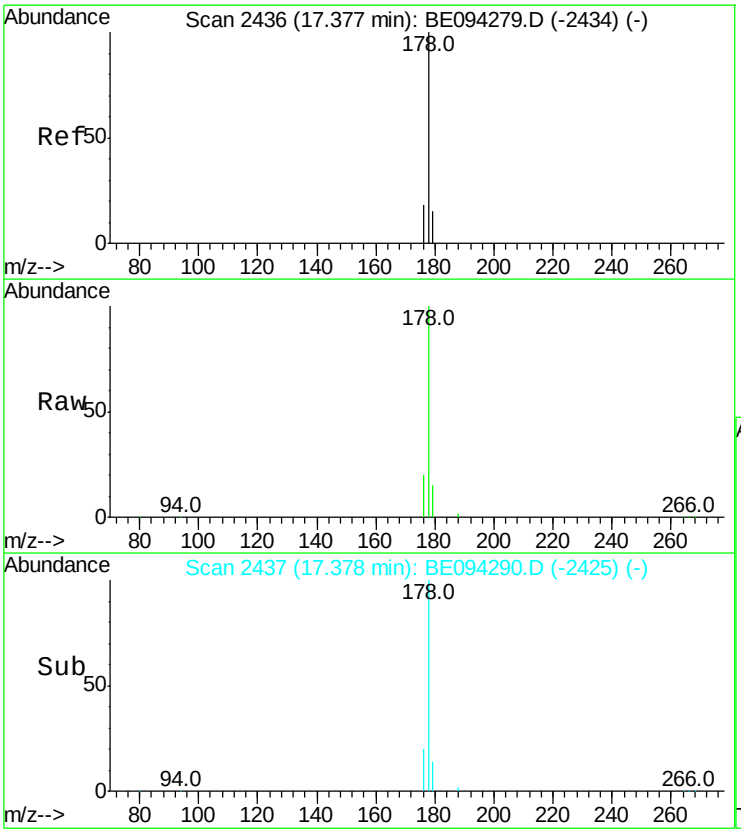
#12
Phenanthrene
Concen: 22.955 ng/ul
RT: 17.29 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 631714

Ion	Ratio	Lower	Upper
178	100		
179	15.0	18.4	27.6#
176	19.3	13.6	20.4

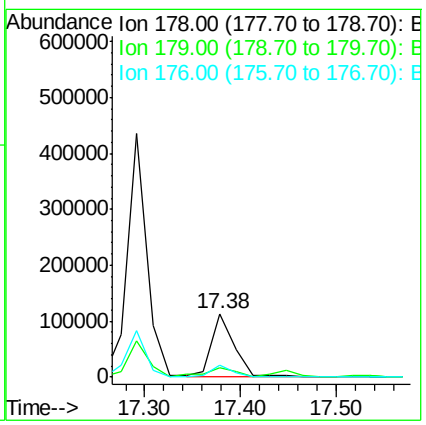


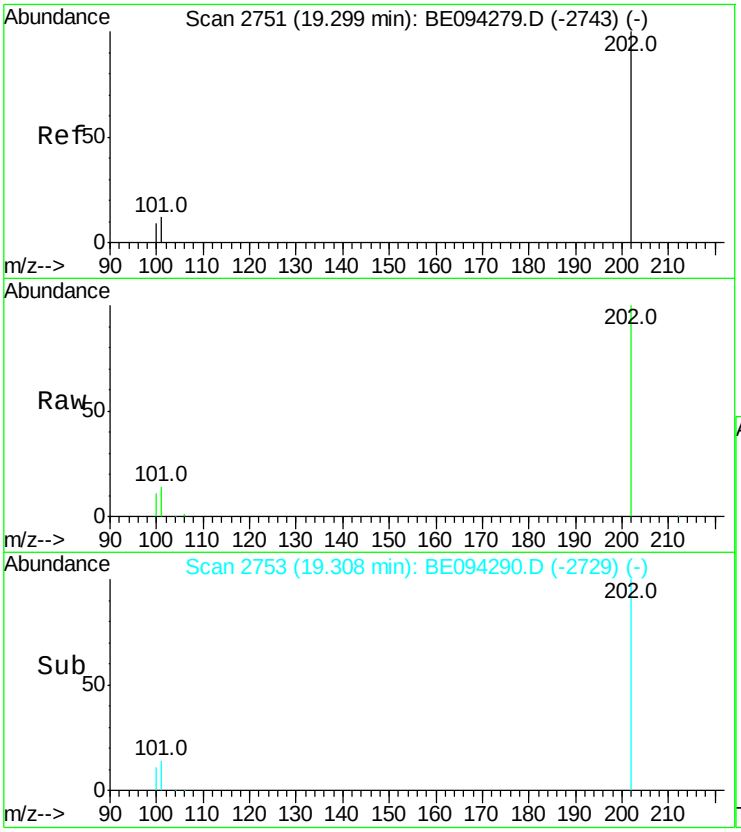


#13
Anthracene
Concen: 6.789 ng/ul
RT: 17.38 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Tgt Ion:178 Resp: 181713

Ion	Ratio	Lower	Upper
178	100		
179	14.5	18.1	27.1#
176	19.7	14.7	22.1



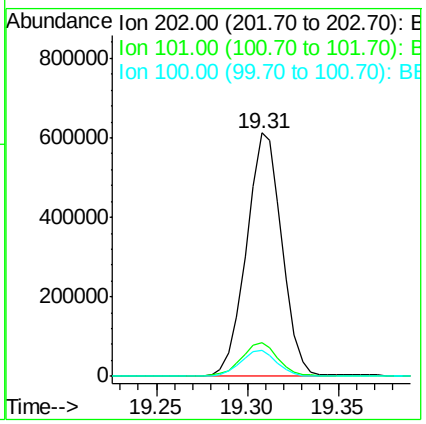


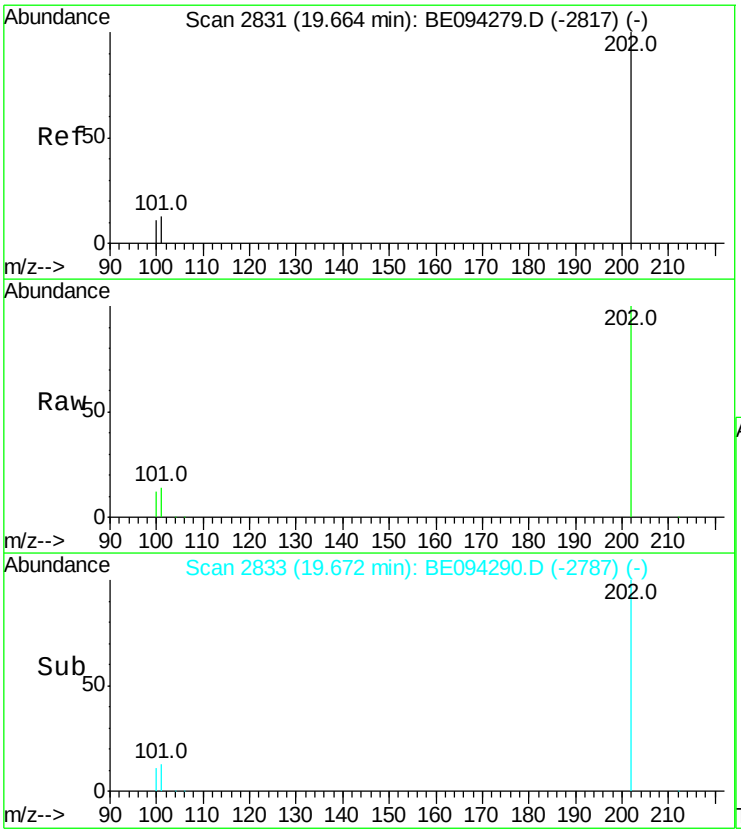
#15
Fluoranthene
Concen: 23.008 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. 0.01 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 831957

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	30.3
100	10.9	0.0	39.5

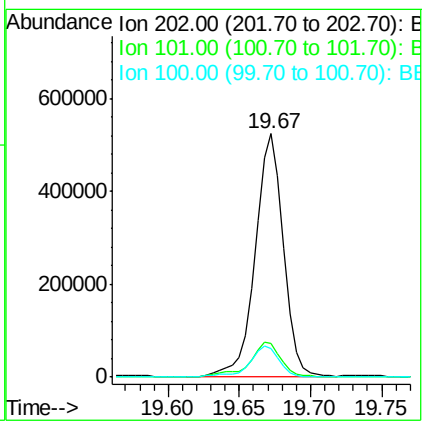


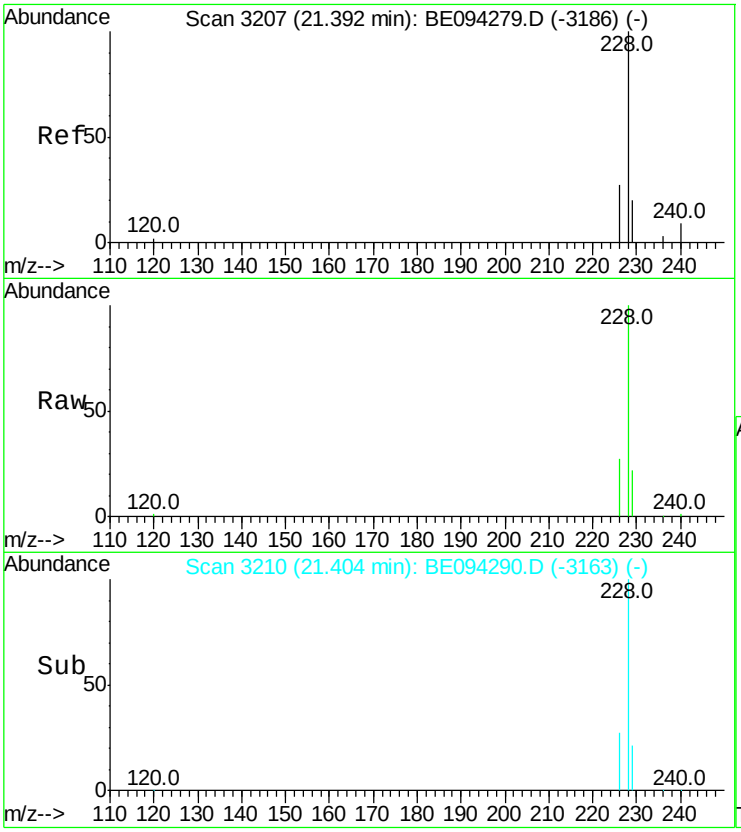


#17
Pyrene
Concen: 25.270 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Tgt Ion:202 Resp: 727213

Ion	Ratio	Lower	Upper
202	100		
101	13.6	18.2	27.4#
100	11.5	15.6	23.4#



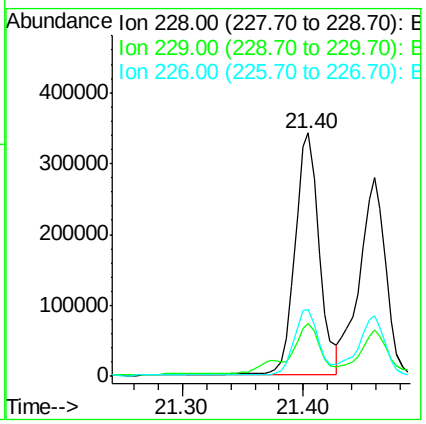


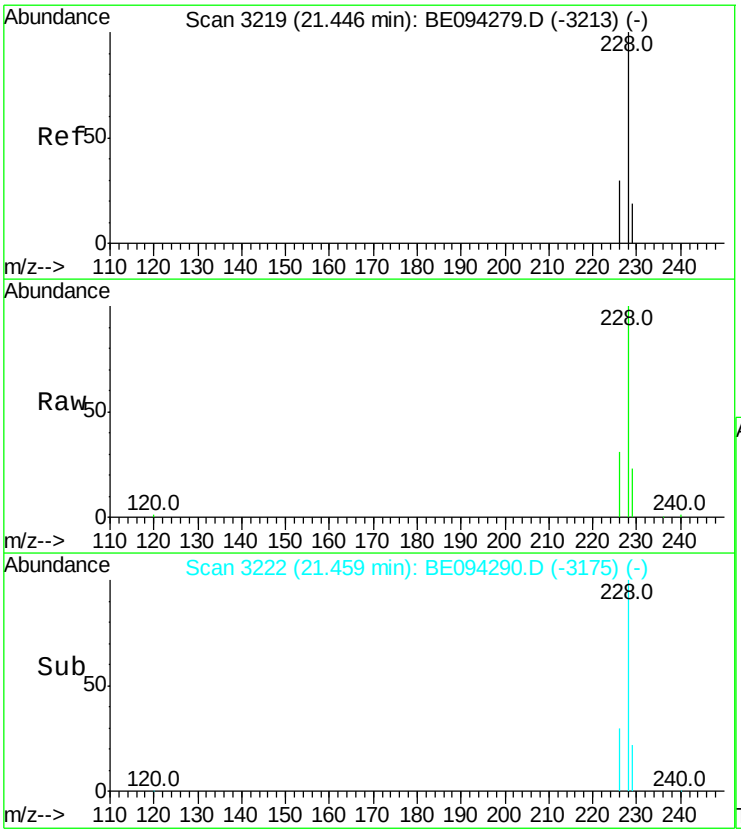
#18
Benzo(a)anthracene
Concen: 17.262 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. 0.01 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 473653

Ion	Ratio	Lower	Upper
228	100		
229	21.6	22.8	34.2#
226	27.4	17.0	25.6#

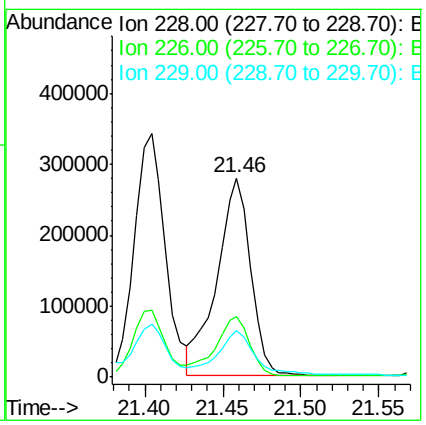


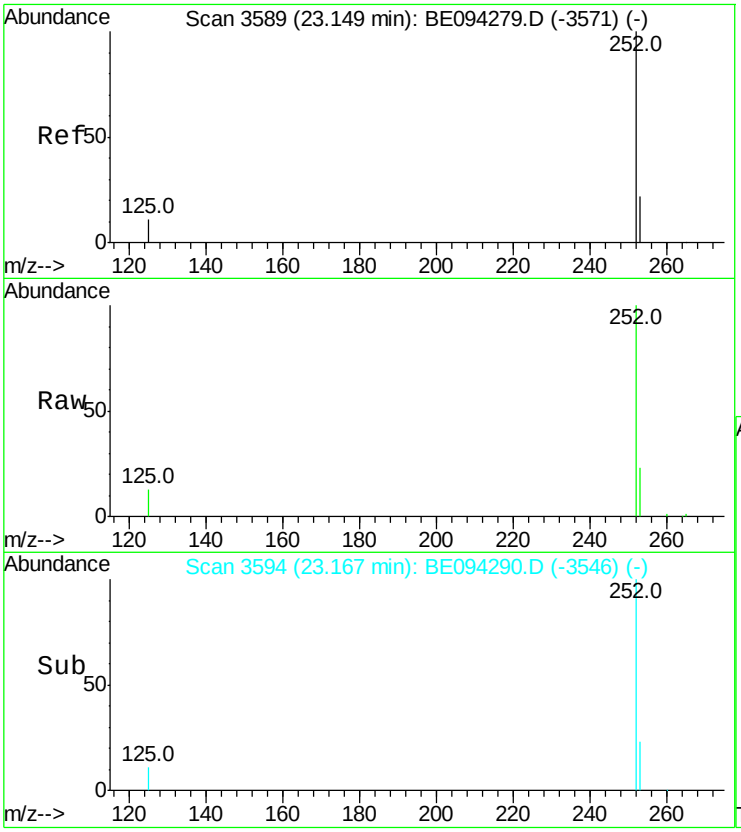


#19
Chrysene
Concen: 13.239 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. 0.01 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Tgt Ion:228 Resp: 419492

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	23.2	17.7	26.5



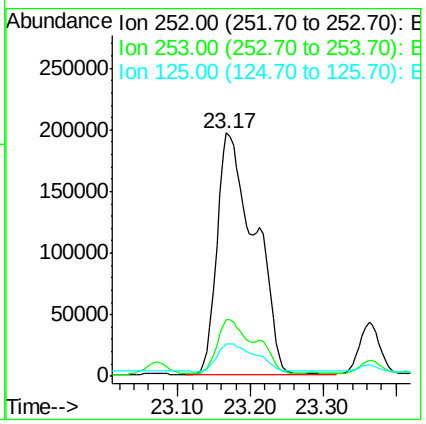


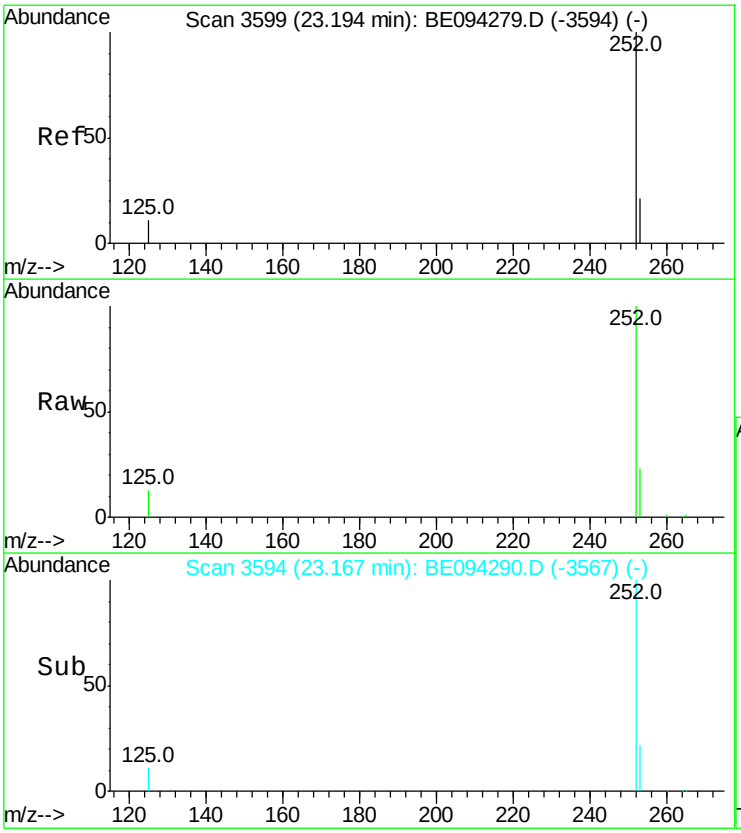
#21
Benzo(b)fluoranthene
Concen: 23.708 ng/ul
RT: 23.17 min Scan# 3594
Delta R.T. 0.02 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 703806

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	64.2
125	13.3	0.0	35.0

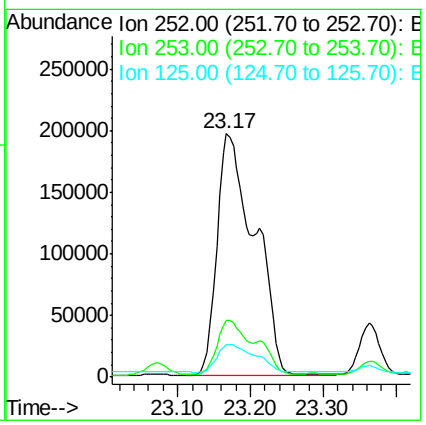


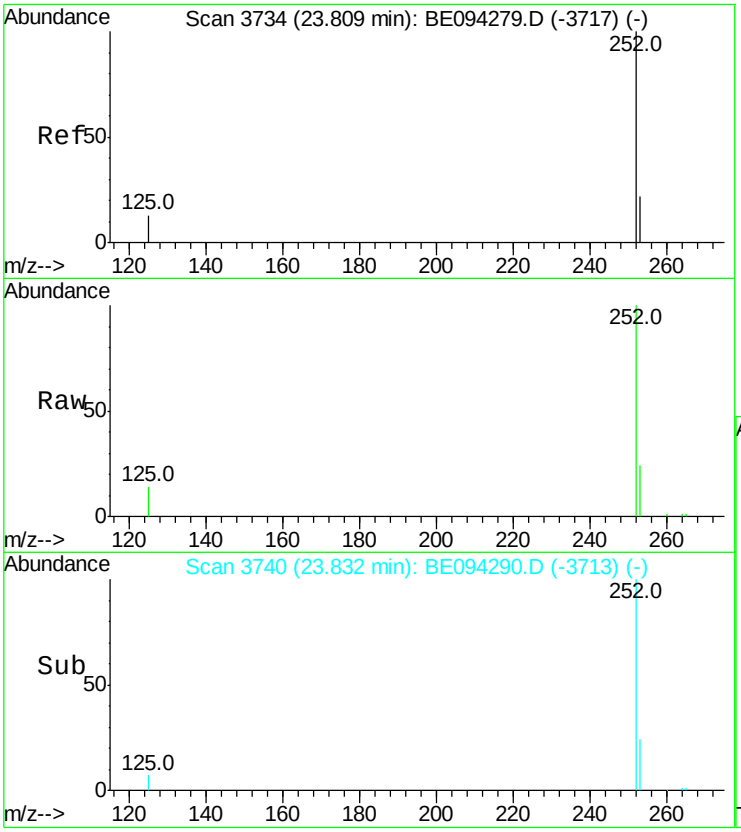


#22
Benzo(k)fluoranthene
Concen: 20.511 ng/ul
RT: 23.17 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Tgt Ion:252 Resp: 703806

Ion	Ratio	Lower	Upper
252	100		
253	23.4	24.5	36.7#
125	13.3	13.7	20.5#



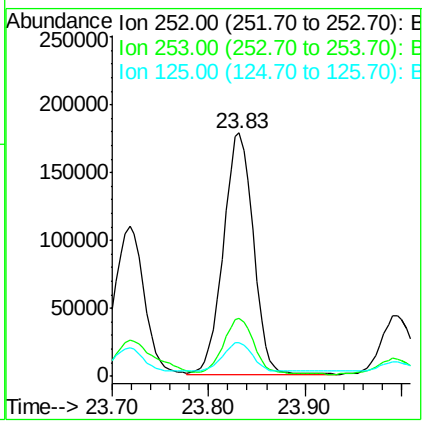


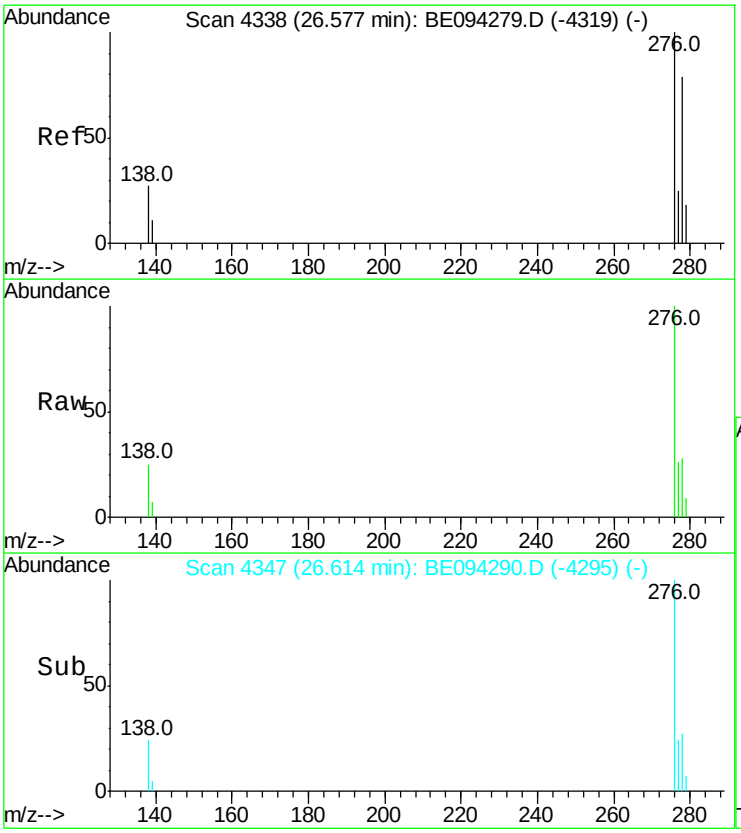
#23
Benzo(a)pyrene
Concen: 12.348 ng/ul
RT: 23.83 min Scan# 3740
Delta R.T. 0.02 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 380919

Ion	Ratio	Lower	Upper
252	100		
253	23.7	28.5	42.7#
125	13.8	18.1	27.1#

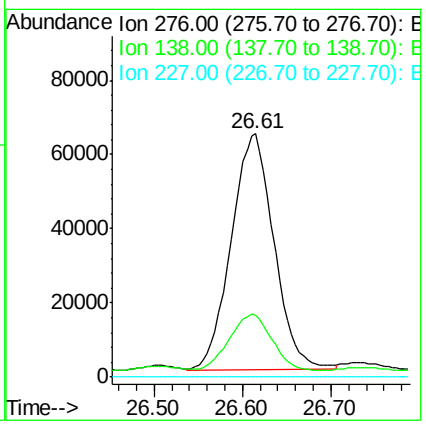


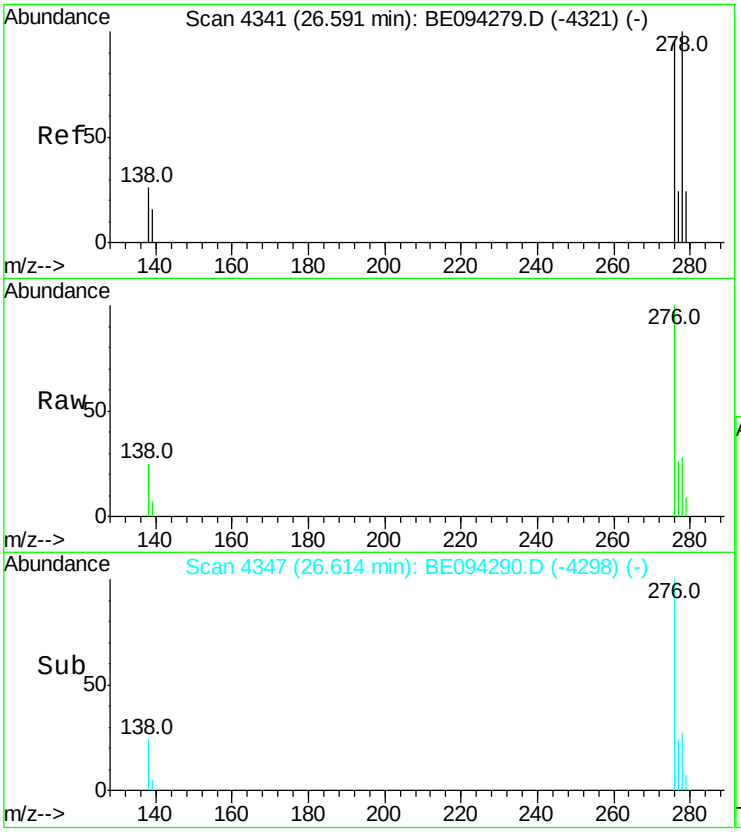


#24
Indeno(1,2,3-cd)pyrene
Concen: 6.735 ng/ul
RT: 26.61 min Scan# 4347
Delta R.T. 0.04 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Tgt Ion:276 Resp: 212525

Ion	Ratio	Lower	Upper
276	100		
138	23.6	28.0	42.0#
227	0.0	8.0	12.0#



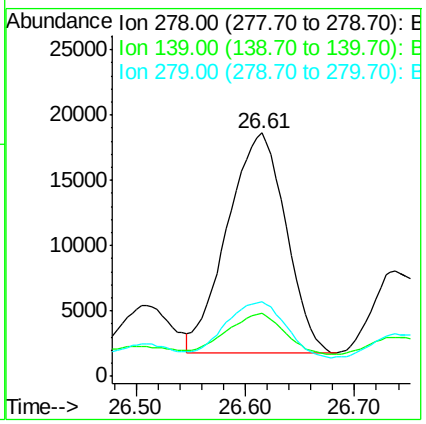


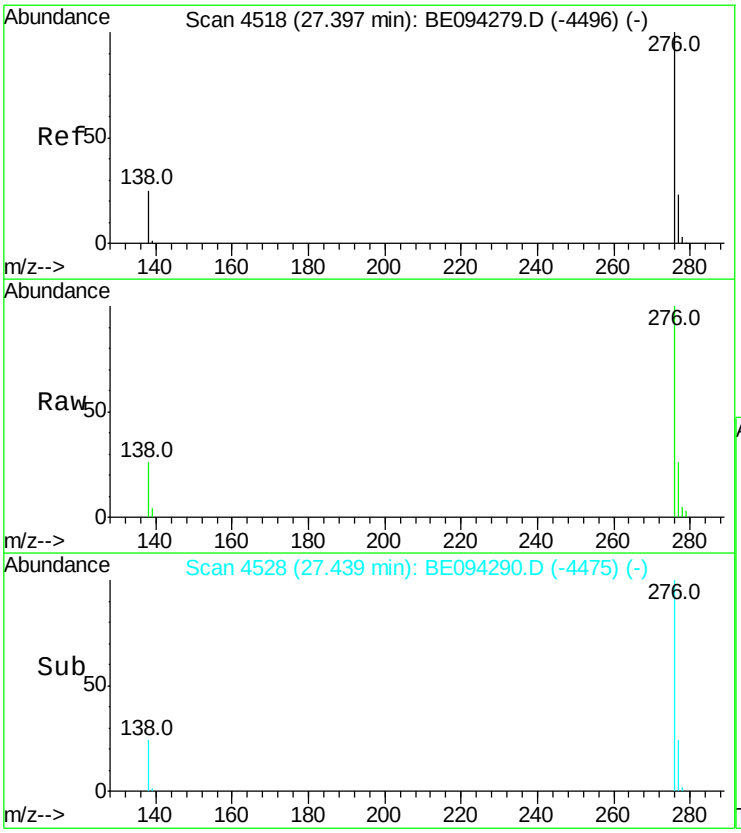
#25
Dibenzo(a,h)anthracene
Concen: 2.369 ng/ul
RT: 26.61 min Scan# 4347
Delta R.T. 0.02 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 62704

Ion	Ratio	Lower	Upper
278	100		
139	25.7	17.4	26.0
279	30.8	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 6.068 ng/ul
RT: 27.44 min Scan# 4528
Delta R.T. 0.04 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Tgt Ion:276 Resp: 165174

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.8	32.8
277	25.9	20.5	30.7