Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090518\
Data File : BE097414.D
Acq On : 5 Sep 2018 20:20
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 06 01:30:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 06 01:29:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	914	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4484	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2558	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	6906	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	7729	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	7276	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2854	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	8711	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	4373	0.400	ng/ul#	93
5) 2-Methylnaphthalene	11.79	142	2845	0.412	ng/ul	97
7) Acenaphthylene	13.72	152	3835	0.412	ng/ul	99
8) Acenaphthene	14.07	153	3139	0.392	ng/ul	94
9) Fluorene	15.07	166	3672	0.400	ng/ul	91
11) Pentachlorophenol	16.44	266	255	0.375	ng/ul	97
12) Phenanthrene	16.80	178	7165	0.403	ng/ul#	90
13) Anthracene	16.90	178	6190	0.414	ng/ul#	92
15) Fluoranthene	18.83	202	8684	0.380	ng/ul	84
17) Pyrene	19.20	202	8465	0.407	ng/ul#	79
18) Benzo(a)anthracene	20.95	228	8090	0.407	ng/ul#	86
19) Chrysene	21.00	228	9211	0.403	ng/ul	95
21) Benzo(b)fluoranthene	22.53	252	7816	0.401	ng/ul	84
22) Benzo(k)fluoranthene	22.57	252	8725	0.402	ng/ul#	86
23) Benzo(a)pyrene	23.10	252	7432	0.412	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.49	276	9513	0.407	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.51	278	7987	0.403	ng/ul#	88
26) Benzo(g,h,i)perylene	26.19	276	8135	0.408	ng/ul#	92

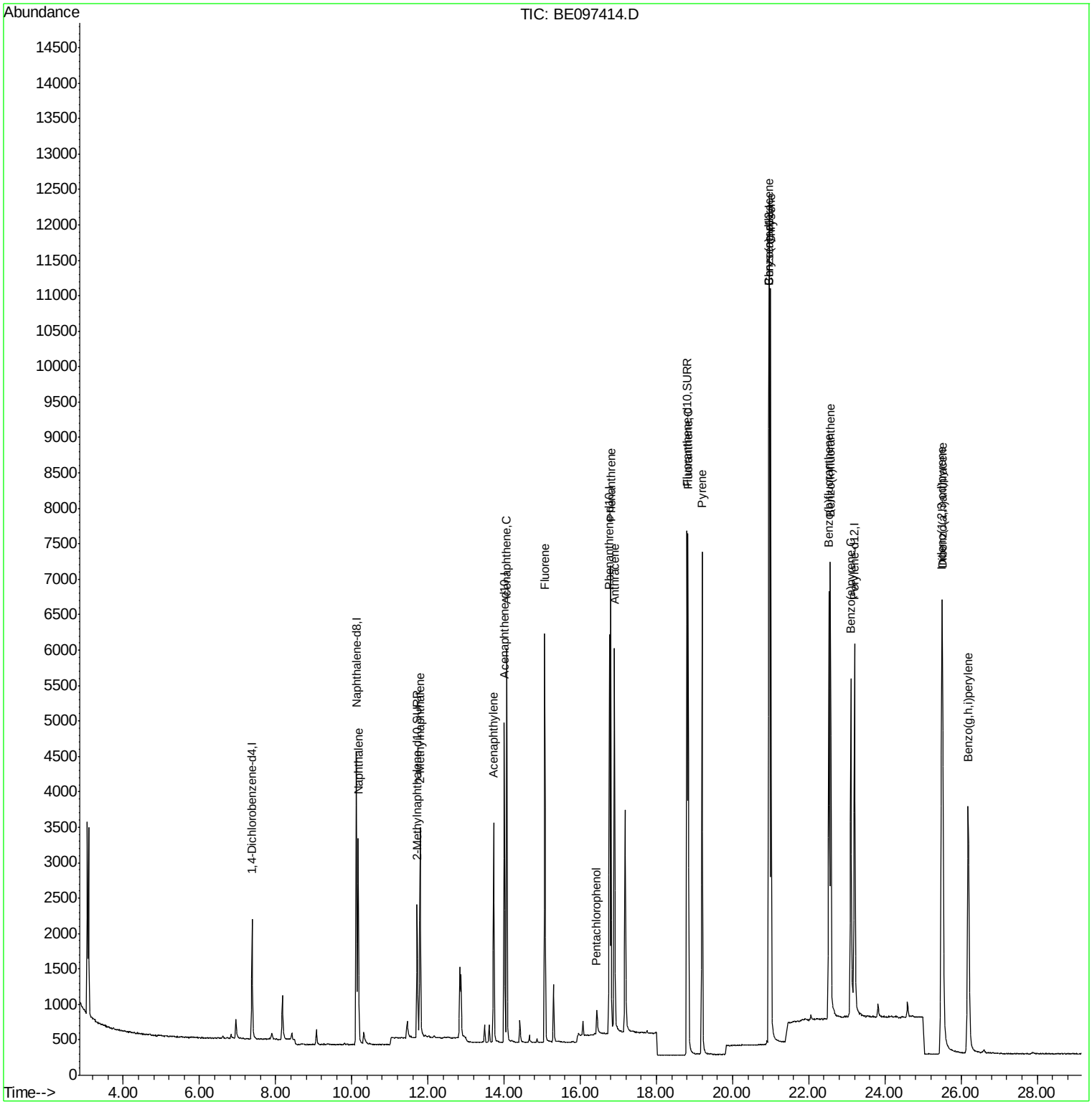
(#) = qualifier out of range (m) = manual integration (+) = signals summed

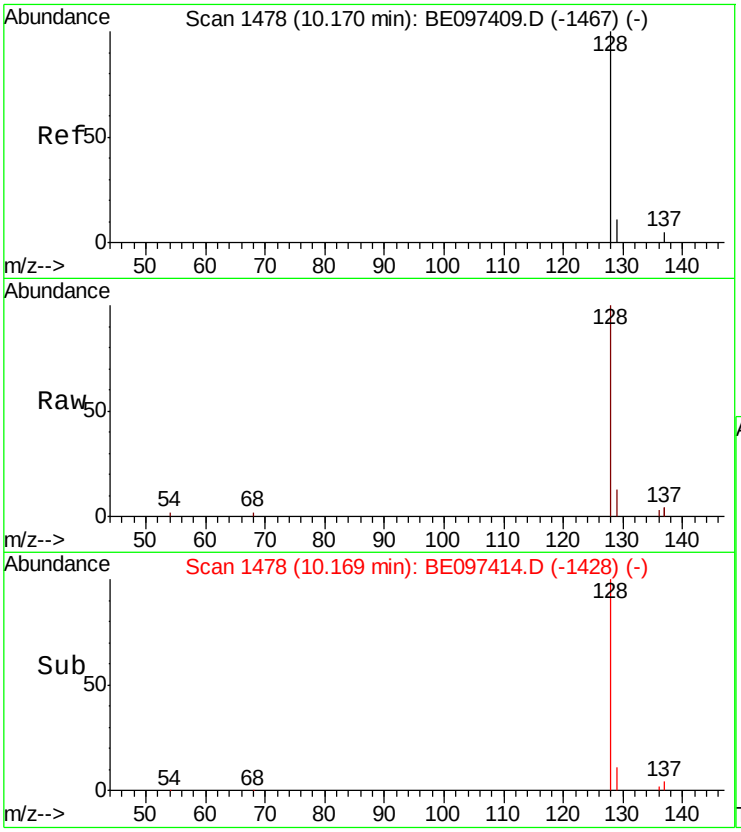
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090518\
Data File : BE097414.D
Acq On : 5 Sep 2018 20:20
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 06 01:30:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 06 01:29:05 2018
Response via : Initial Calibration



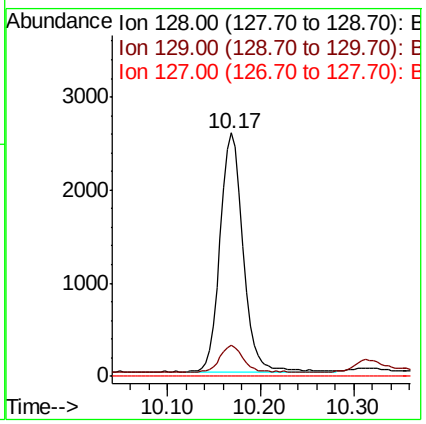


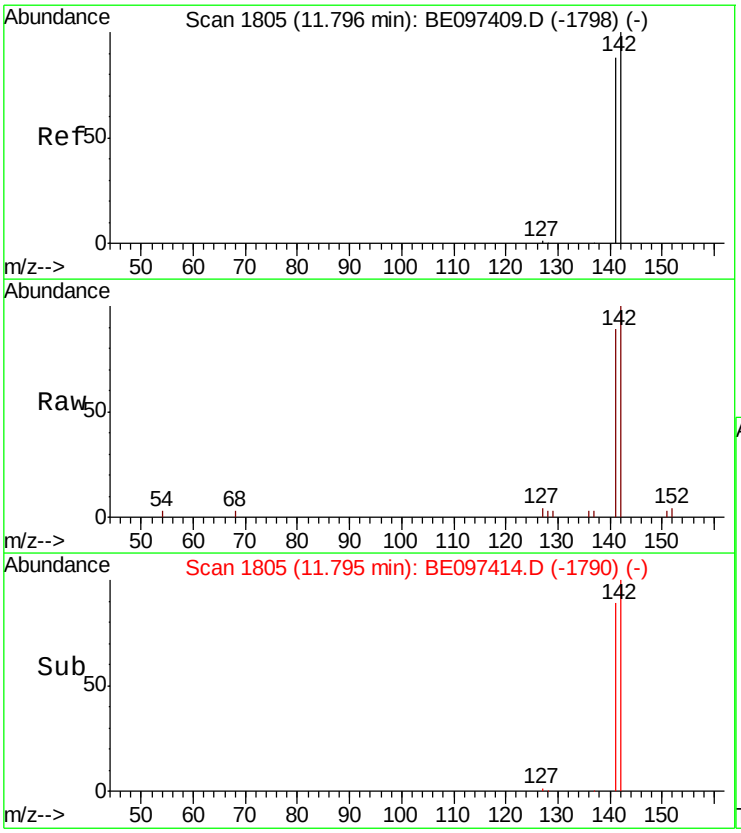
#3
Naphthalene
Concen: 0.400 ng/ul
RT: 10.17 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 4373

Ion	Ratio	Lower	Upper
128	100		
129	12.7	11.3	16.9
127	0.0	4.0	6.0#

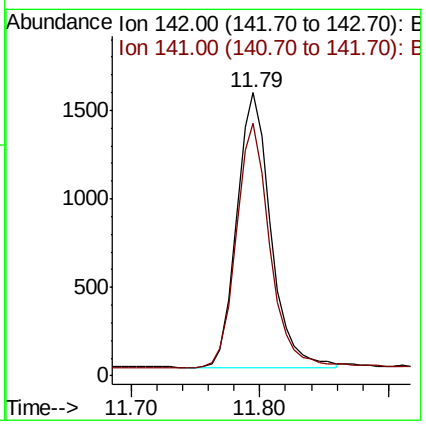


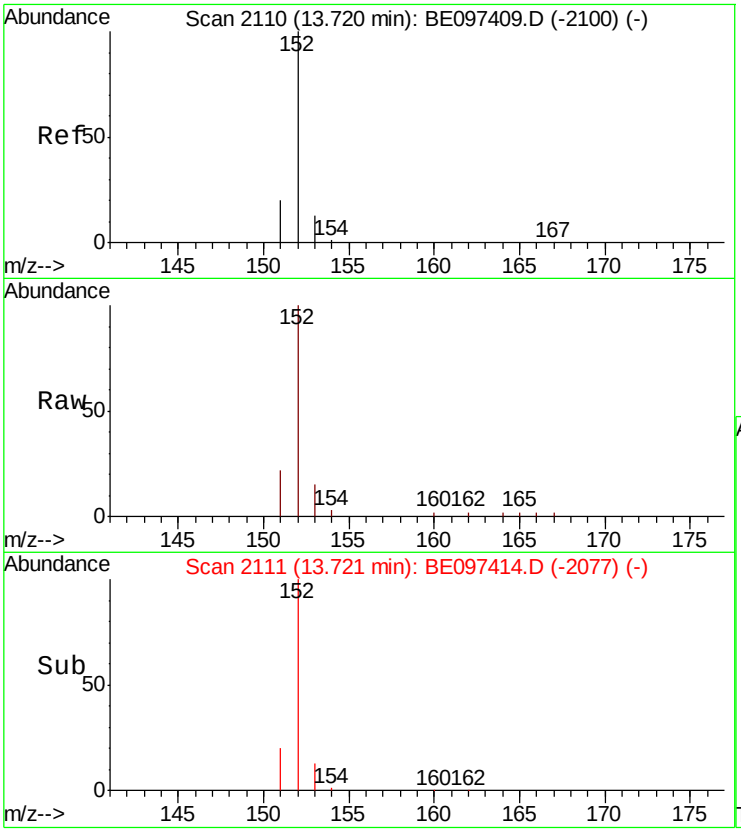


#5
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 11.79 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Tgt Ion:142 Resp: 2845

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.6	108.8



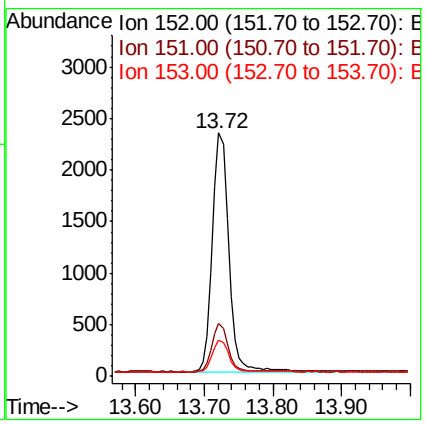


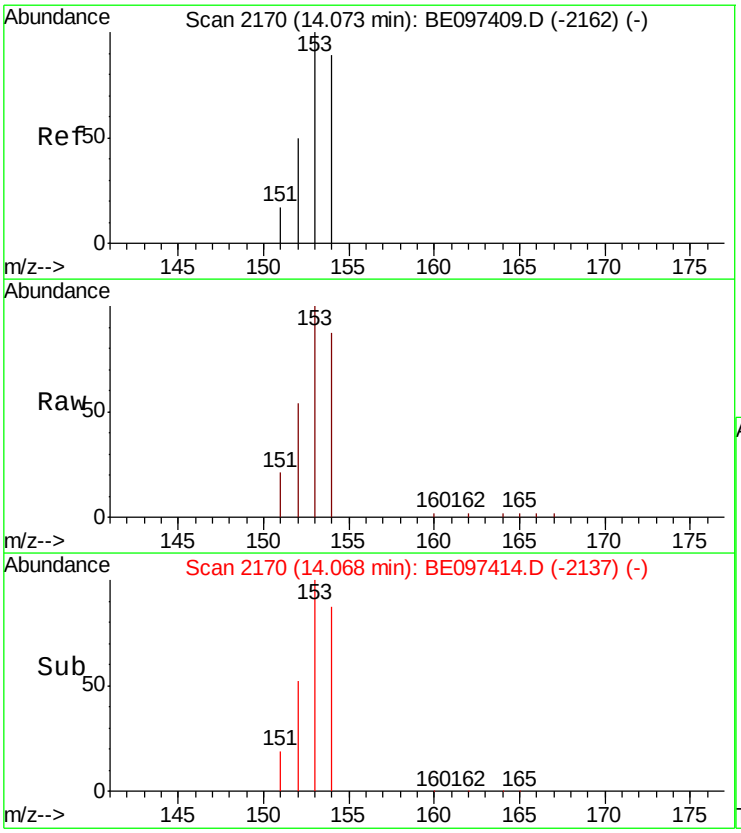
#7
Acenaphthylene
Concen: 0.412 ng/ul
RT: 13.72 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3835

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.1	25.7
153	14.9	12.8	19.2

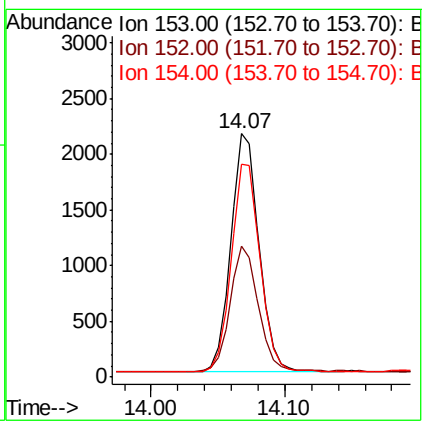


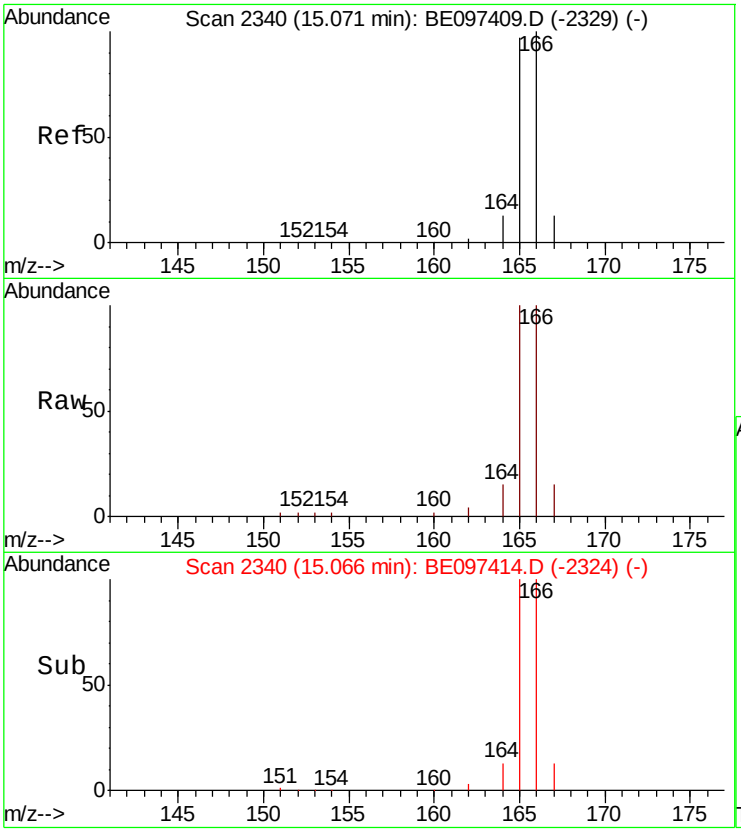


#8
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.07 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Tgt Ion:153 Resp: 3139

Ion	Ratio	Lower	Upper
153	100		
152	53.6	36.0	54.0
154	87.3	72.0	108.0



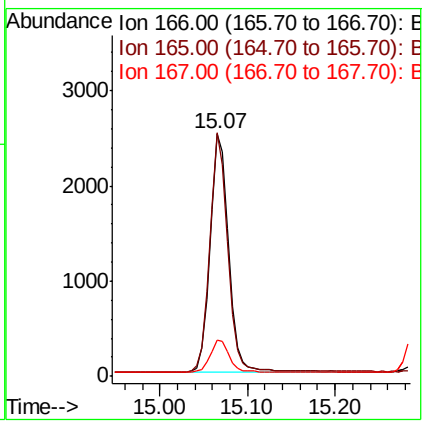


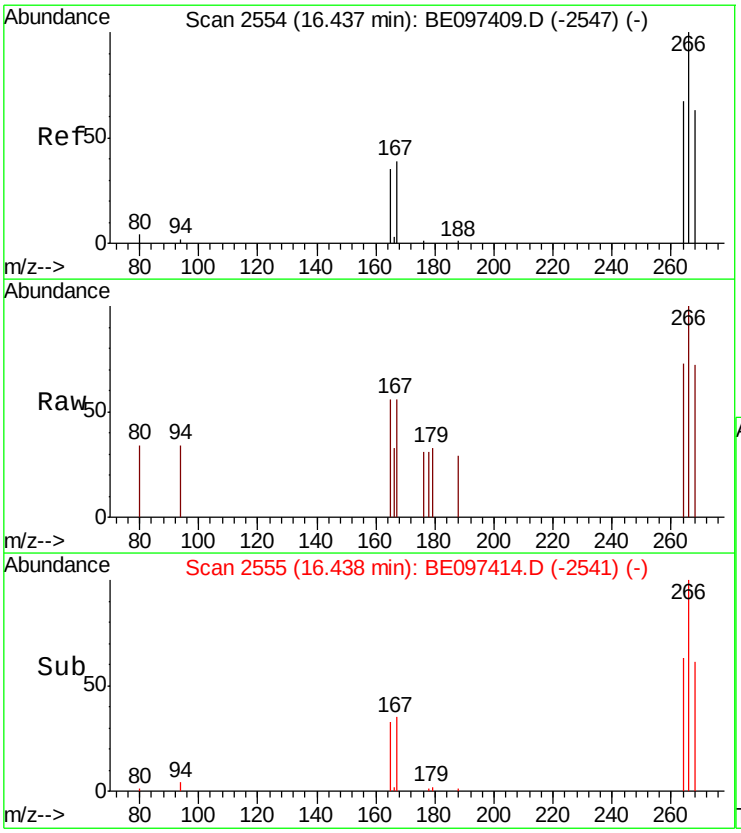
#9
Fluorene
Concen: 0.400 ng/ul
RT: 15.07 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 3672

Ion	Ratio	Lower	Upper
166	100		
165	100.4	73.4	110.2
167	14.8	14.6	22.0

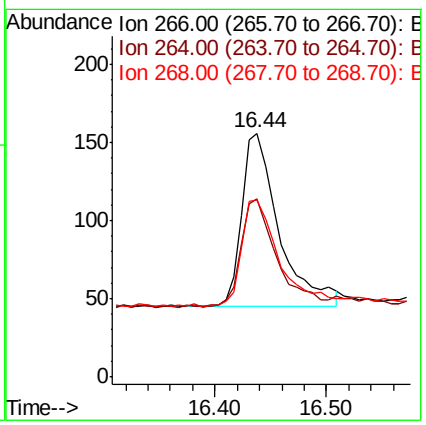


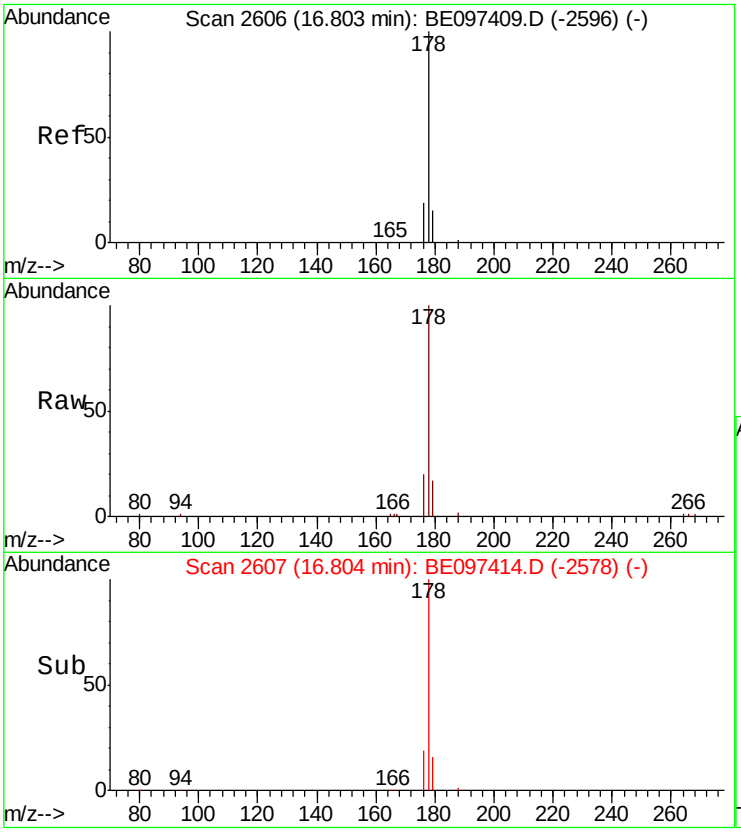


#11
Pentachlorophenol
Concen: 0.375 ng/ul
RT: 16.44 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Tgt Ion:266 Resp: 255

Ion	Ratio	Lower	Upper
266	100		
264	59.2	47.9	71.9
268	65.9	49.8	74.8



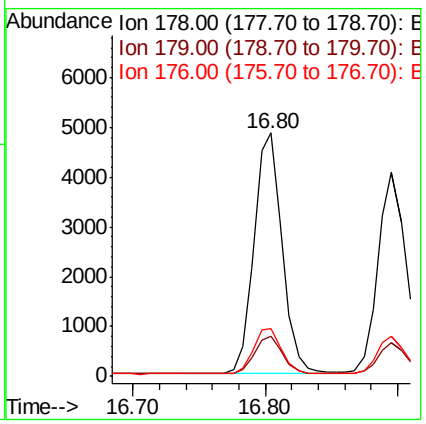


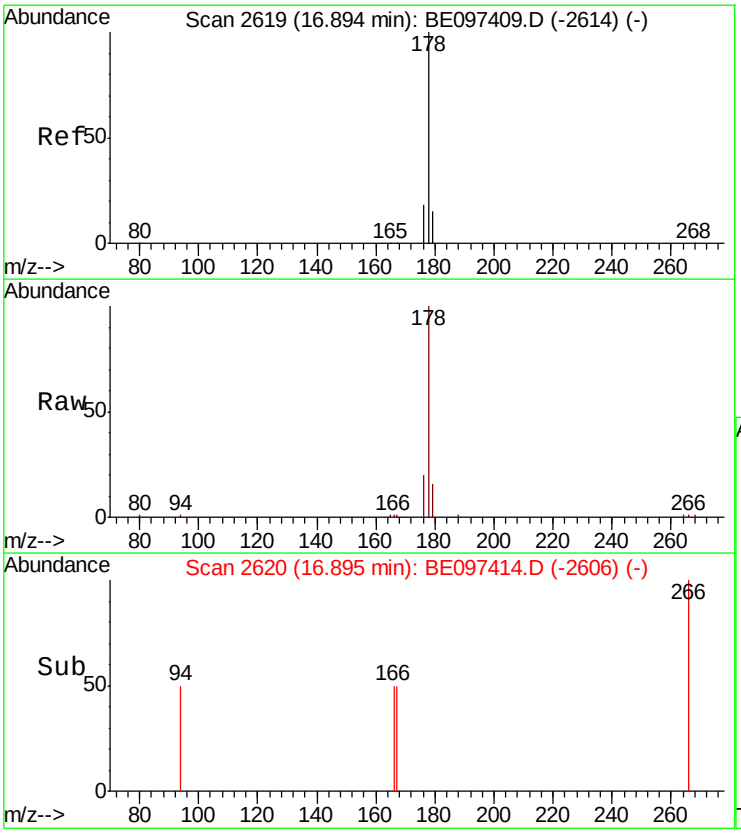
#12
Phenanthrene
Concen: 0.403 ng/ul
RT: 16.80 min Scan# 2607
Delta R.T. 0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7165

Ion	Ratio	Lower	Upper
178	100		
179	16.7	18.4	27.6#
176	19.8	13.6	20.4

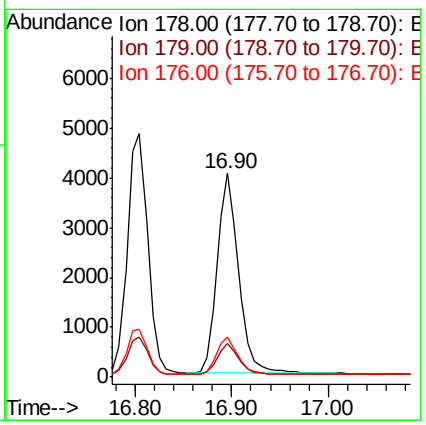


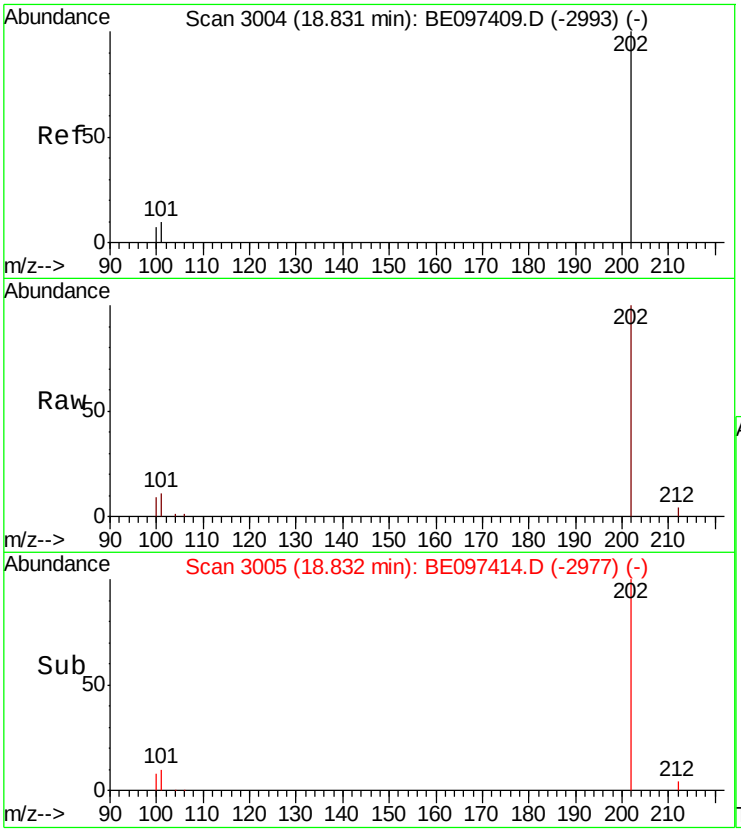


#13
Anthracene
Concen: 0.414 ng/ul
RT: 16.90 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Tgt Ion:178 Resp: 6190

Ion	Ratio	Lower	Upper
178	100		
179	16.4	18.1	27.1#
176	19.6	14.7	22.1



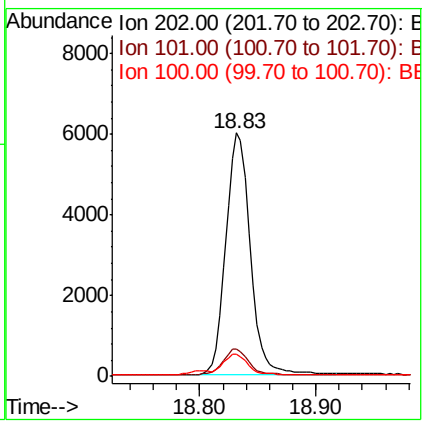


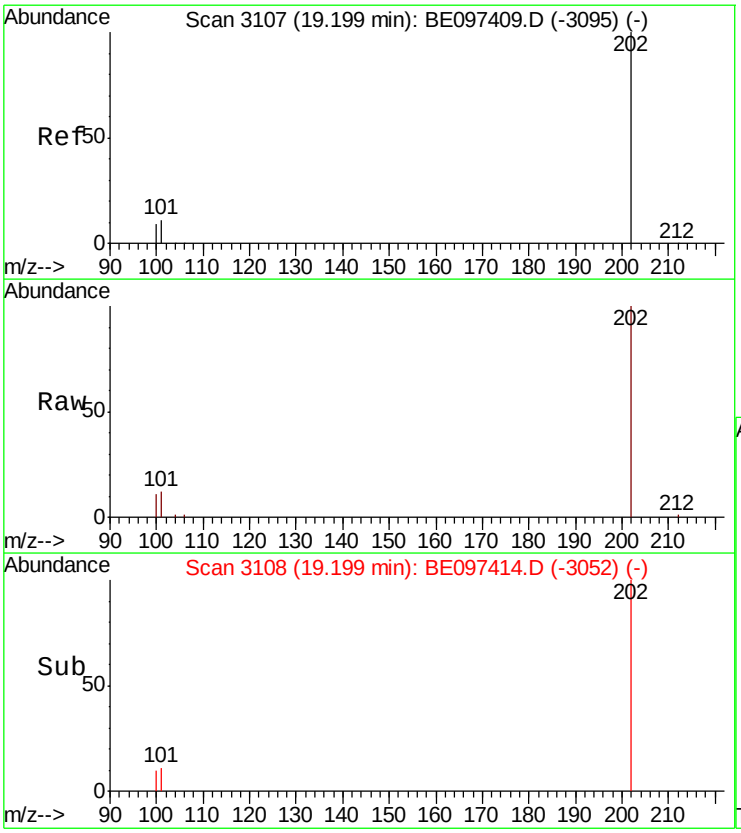
#15
Fluoranthene
Concen: 0.380 ng/ul
RT: 18.83 min Scan# 3005
Delta R.T. 0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 8684

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
100	9.0	0.0	39.5

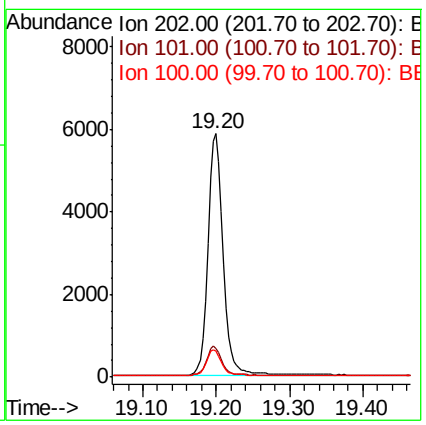


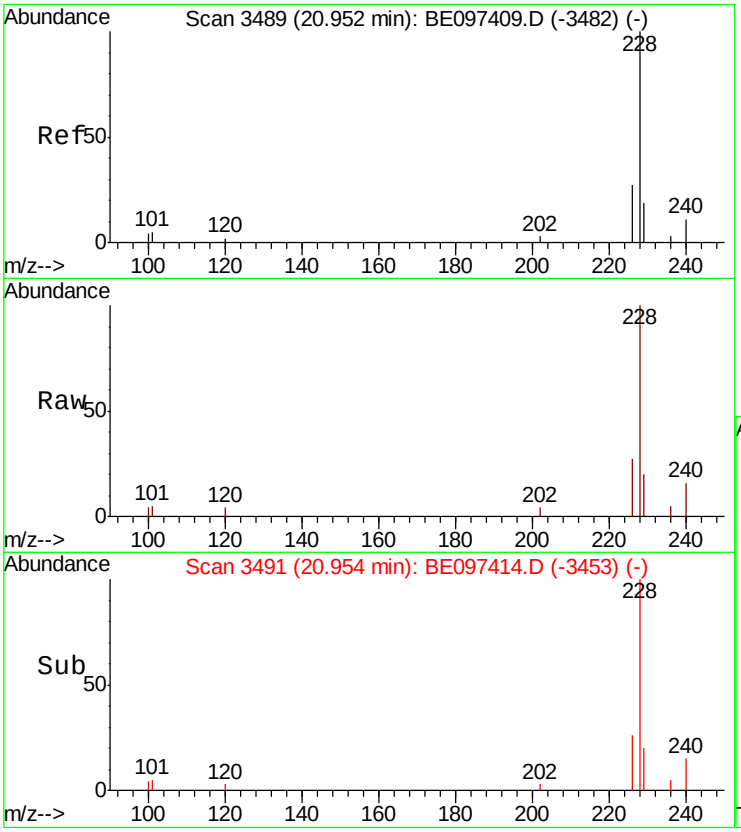


#17
Pyrene
Concen: 0.407 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Tgt Ion:202 Resp: 8465

Ion	Ratio	Lower	Upper
202	100		
101	12.0	18.2	27.4#
100	10.6	15.6	23.4#



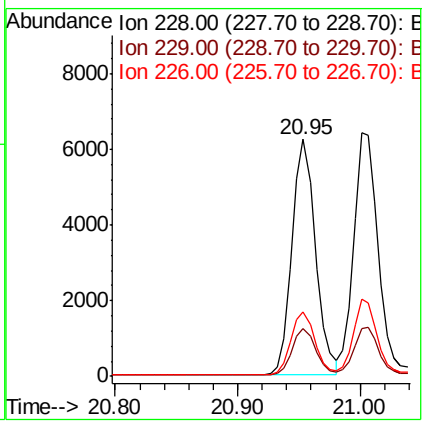


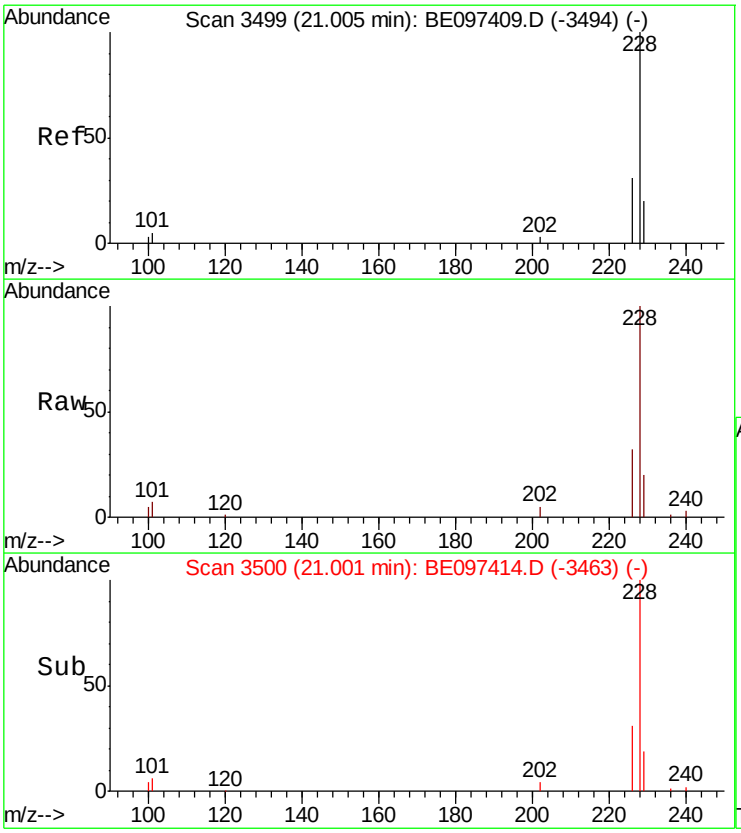
#18
Benzo(a)anthracene
Concen: 0.407 ng/ul
RT: 20.95 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8090

Ion	Ratio	Lower	Upper
228	100		
229	20.4	22.8	34.2#
226	26.9	17.0	25.6#

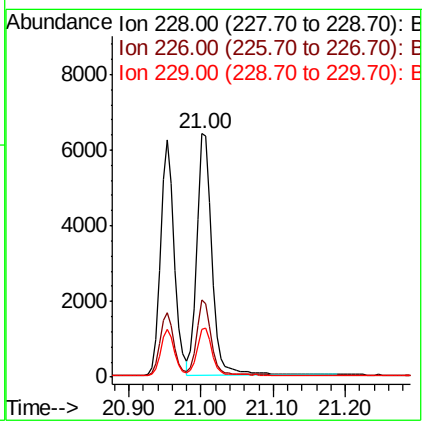


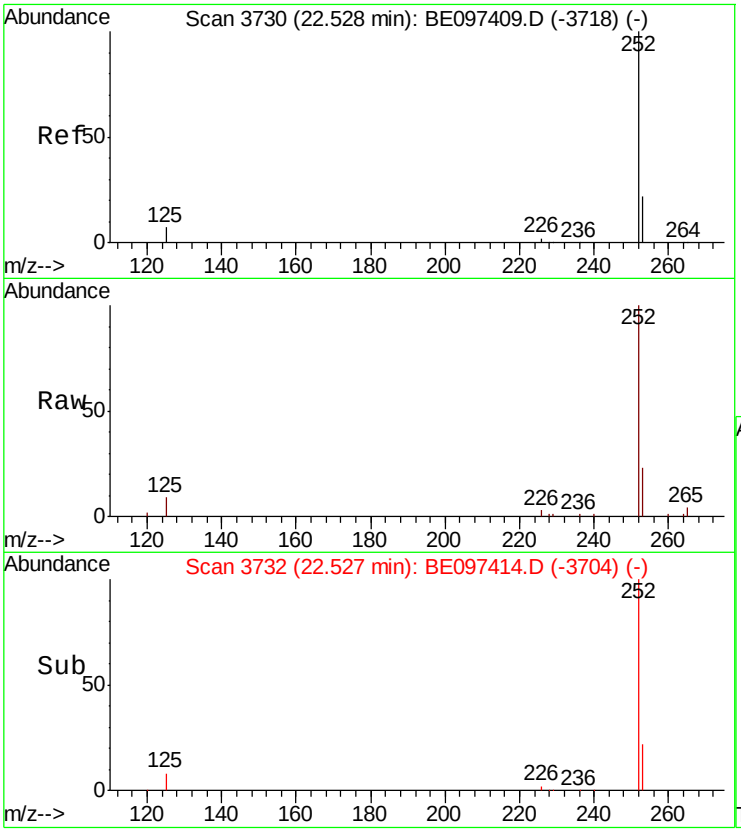


#19
Chrysene
Concen: 0.403 ng/ul
RT: 21.00 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Tgt Ion:228 Resp: 9211

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.0
229	19.7	17.7	26.5



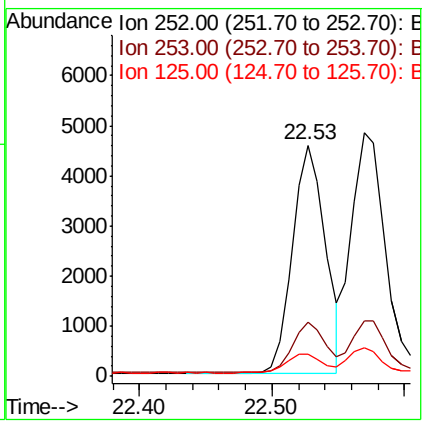


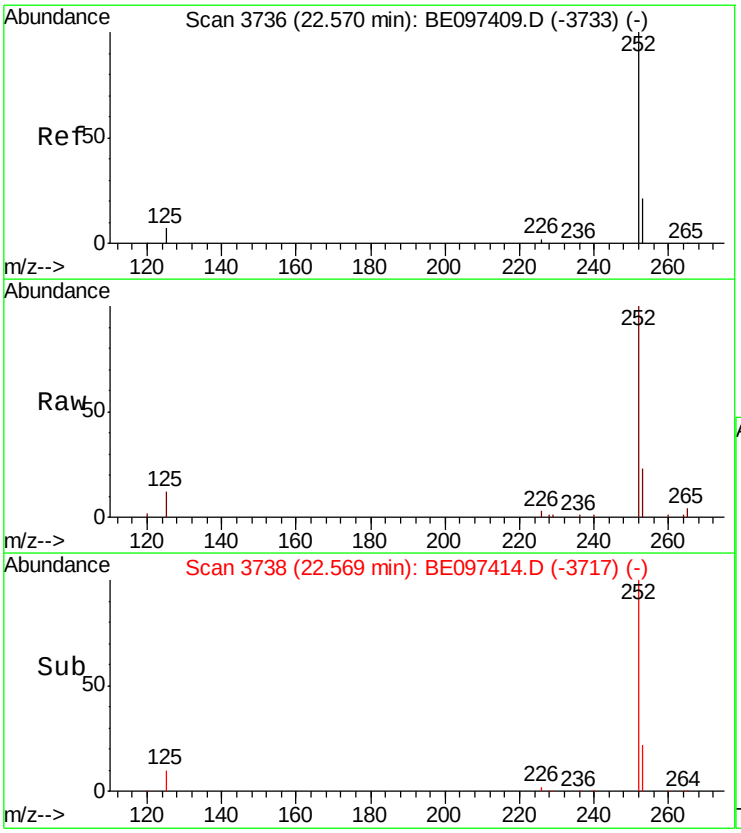
#21
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 22.53 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7816

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	64.2
125	9.5	0.0	35.0

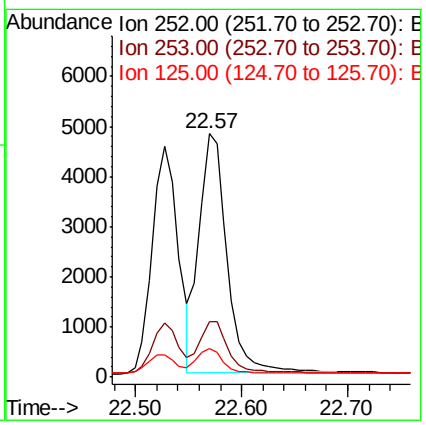


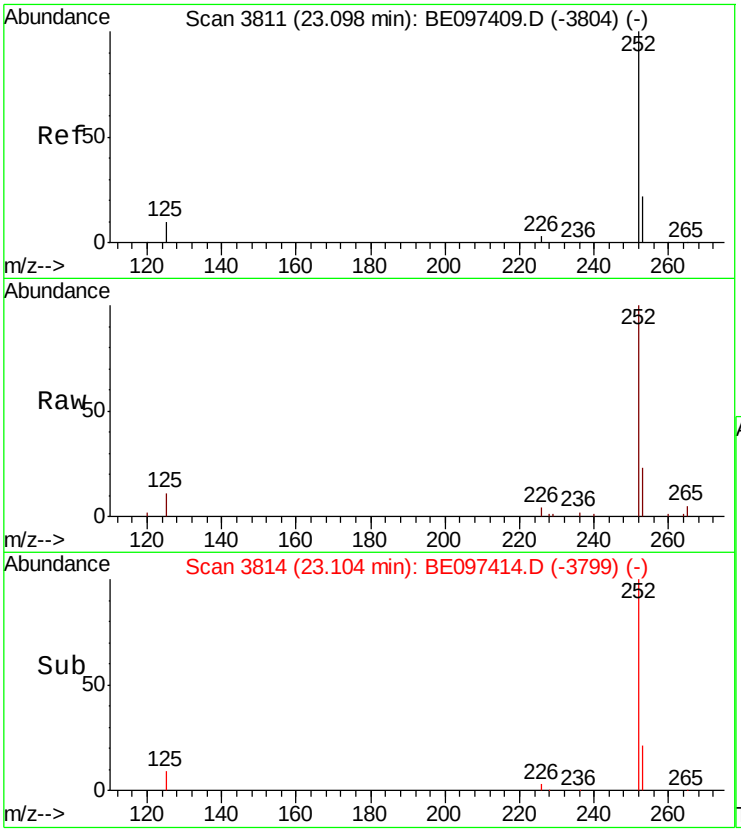


#22
Benzo(k)fluoranthene
Concen: 0.402 ng/ul
RT: 22.57 min Scan# 3738
Delta R.T. -0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Tgt Ion:252 Resp: 8725

Ion	Ratio	Lower	Upper
252	100		
253	22.9	24.5	36.7#
125	11.6	13.7	20.5#



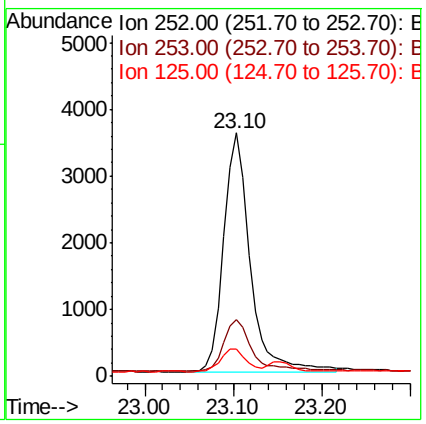


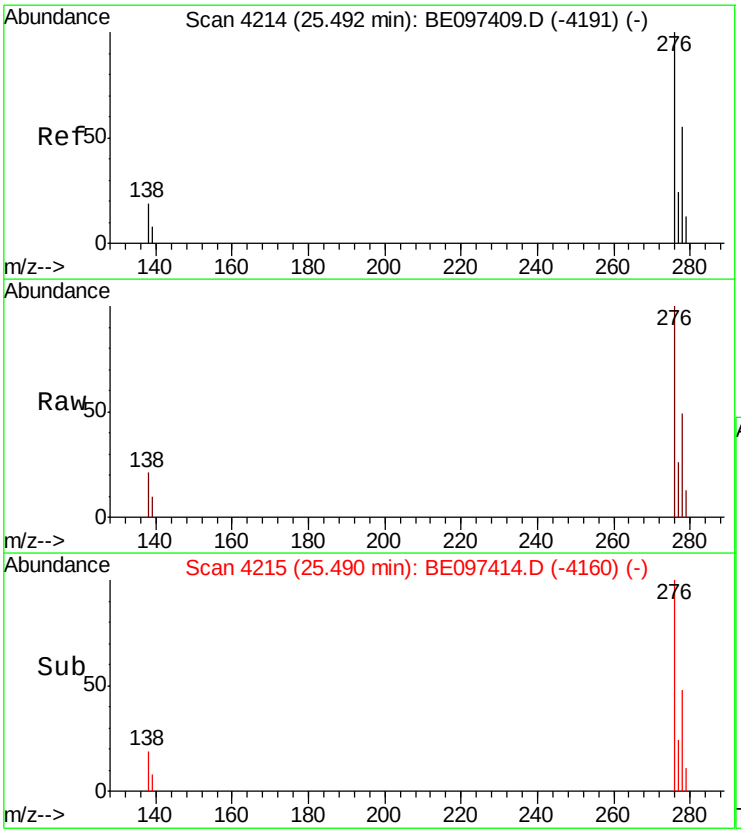
#23
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.10 min Scan# 3814
Delta R.T. 0.01 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7432

Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	11.1	18.1	27.1#

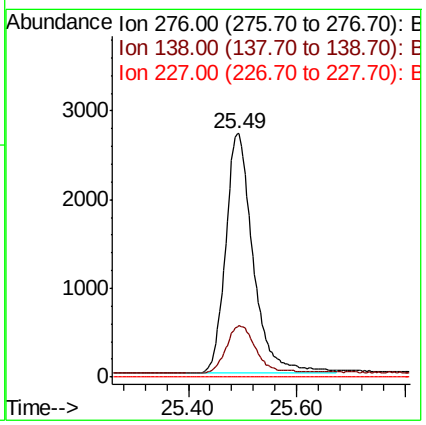


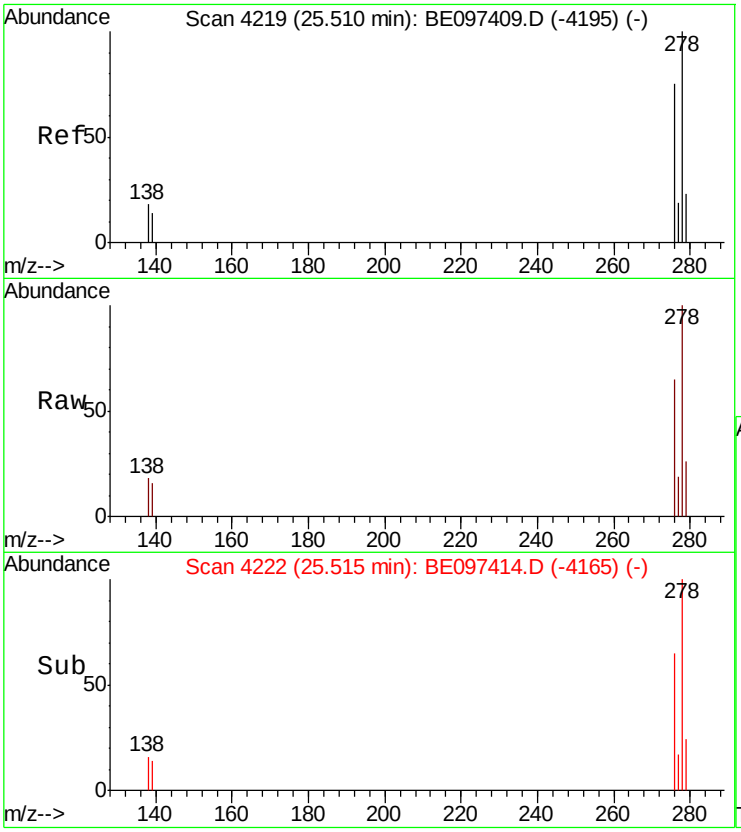


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 25.49 min Scan# 4215
Delta R.T. -0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Tgt Ion:276 Resp: 9513

Ion	Ratio	Lower	Upper
276	100		
138	21.3	28.0	42.0#
227	0.0	8.0	12.0#



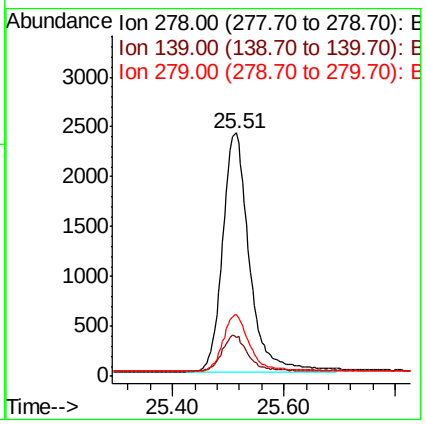


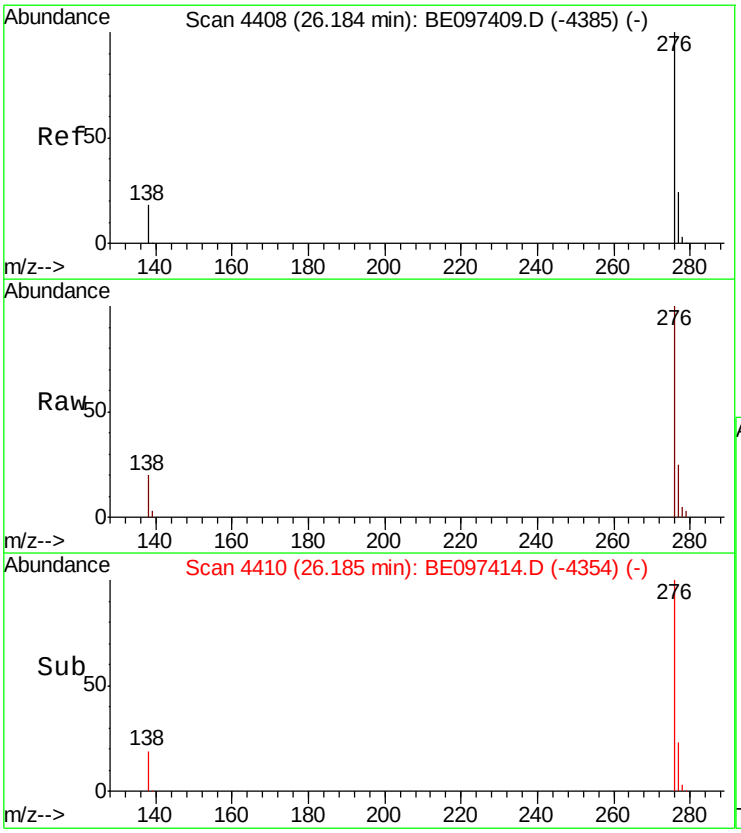
#25
Dibenzo(a,h)anthracene
Concen: 0.403 ng/ul
RT: 25.51 min Scan# 4222
Delta R.T. 0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 7987

Ion	Ratio	Lower	Upper
278	100		
139	15.9	17.4	26.0#
279	25.6	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.408 ng/ul
RT: 26.19 min Scan# 4410
Delta R.T. 0.00 min
Lab File: BE097414.D
Acq: 5 Sep 2018 20:20

Tgt Ion:276 Resp: 8135

Ion	Ratio	Lower	Upper
276	100		
138	20.5	21.8	32.8#
277	24.8	20.5	30.7