Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091418\
Data File : BE097485.D
Acq On : 14 Sep 2018 13:32
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 14 14:15:27 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 13 07:48:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	957	0.40	ng/ul	0.00
2) Naphthalene-d8	10.11	136	4592	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2735	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	7386	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9881	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10415	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	2989	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	10031	0.41	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.16	128	4408	0.394	ng/ul#	94
5) 2-Methylnaphthalene	11.79	142	2997	0.424	ng/ul	97
7) Acenaphthylene	13.72	152	4380	0.440	ng/ul	98
8) Acenaphthene	14.07	153	3388	0.395	ng/ul	96
9) Fluorene	15.07	166	3989	0.406	ng/ul	92
11) Pentachlorophenol	16.47	266	138	0.190	ng/ul	95
12) Phenanthrene	16.80	178	7466	0.393	ng/ul#	90
13) Anthracene	16.89	178	7064	0.442	ng/ul#	92
15) Fluoranthene	18.83	202	9856	0.404	ng/ul	84
17) Pyrene	19.20	202	10126	0.381	ng/ul#	81
18) Benzo(a)anthracene	20.95	228	11237	0.443	ng/ul#	86
19) Chrysene	21.01	228	11273	0.385	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	11697	0.419	ng/ul	84
22) Benzo(k)fluoranthene	22.57	252	11617	0.374	ng/ul#	89
23) Benzo(a)pyrene	23.11	252	11263	0.436	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.50	276	14072	0.421	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.51	278	11688	0.412	ng/ul#	89
26) Benzo(g,h,i)perylene	26.20	276	11744	0.412	ng/ul#	93

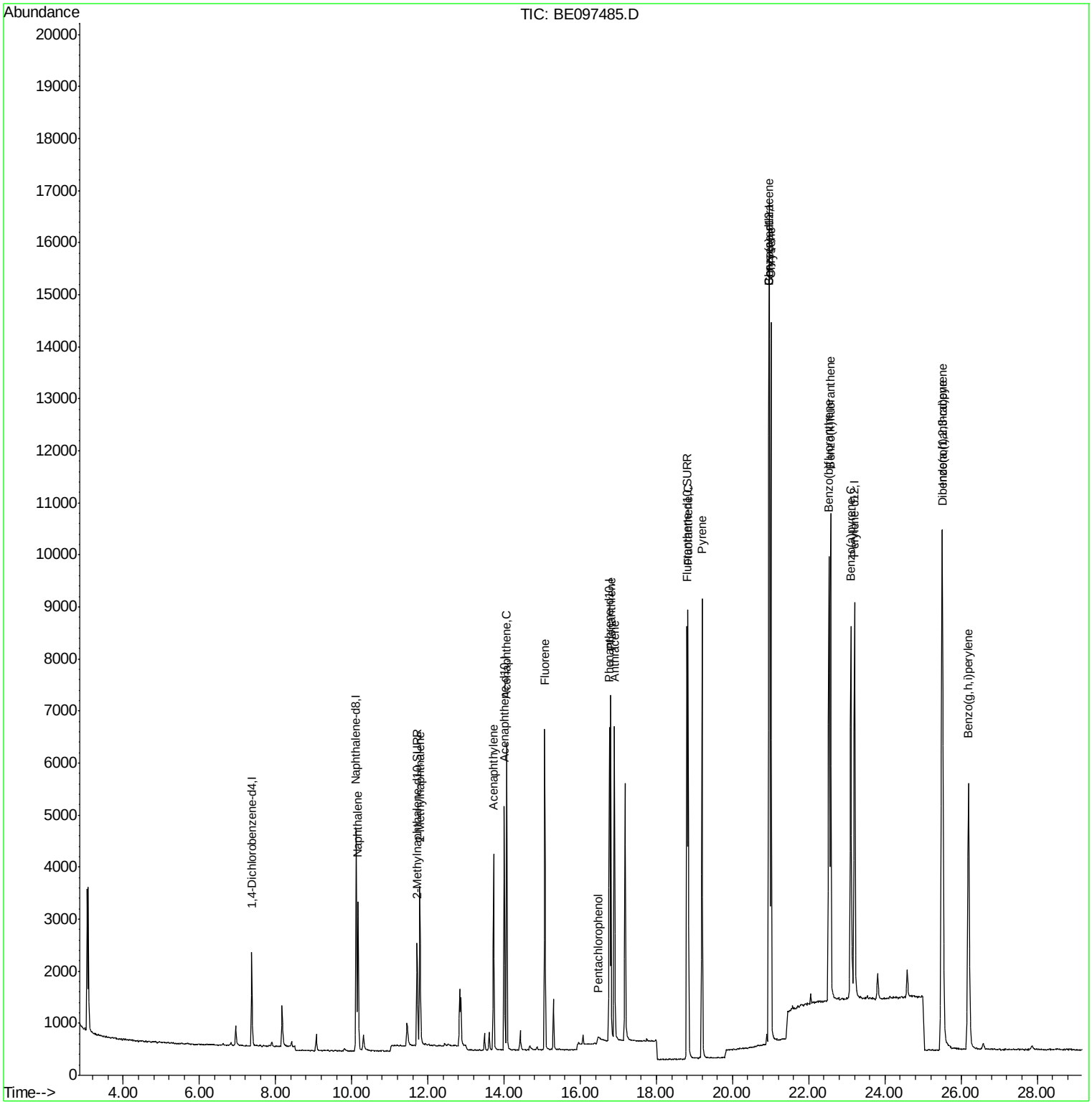
(#) = qualifier out of range (m) = manual integration (+) = signals summed

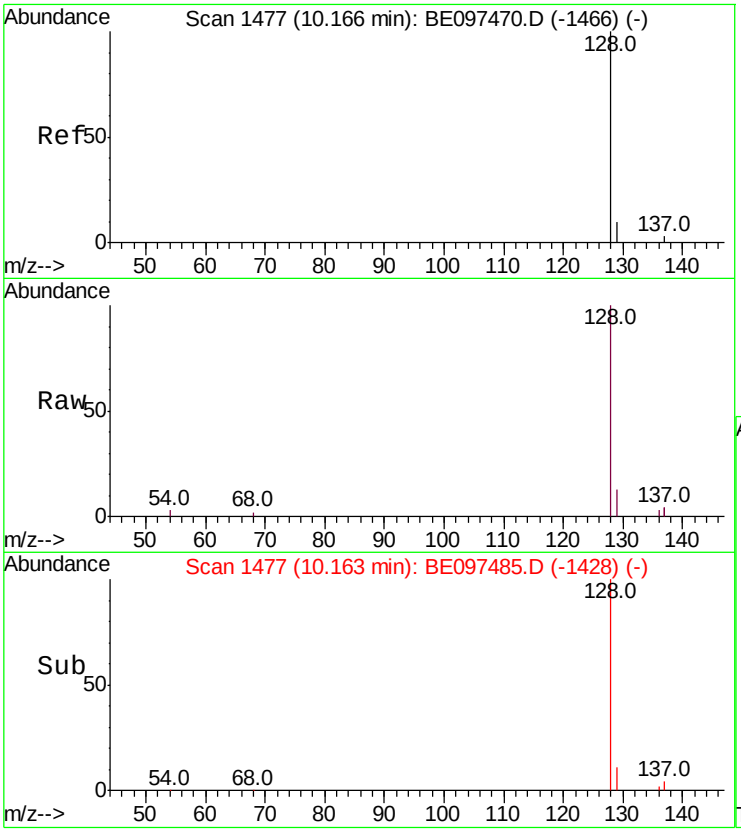
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091418\
Data File : BE097485.D
Acq On : 14 Sep 2018 13:32
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 14 14:15:27 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 13 07:48:38 2018
Response via : Initial Calibration



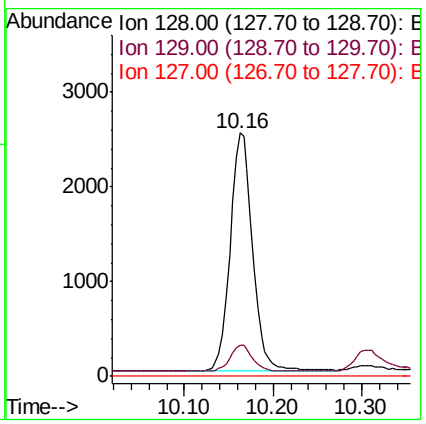


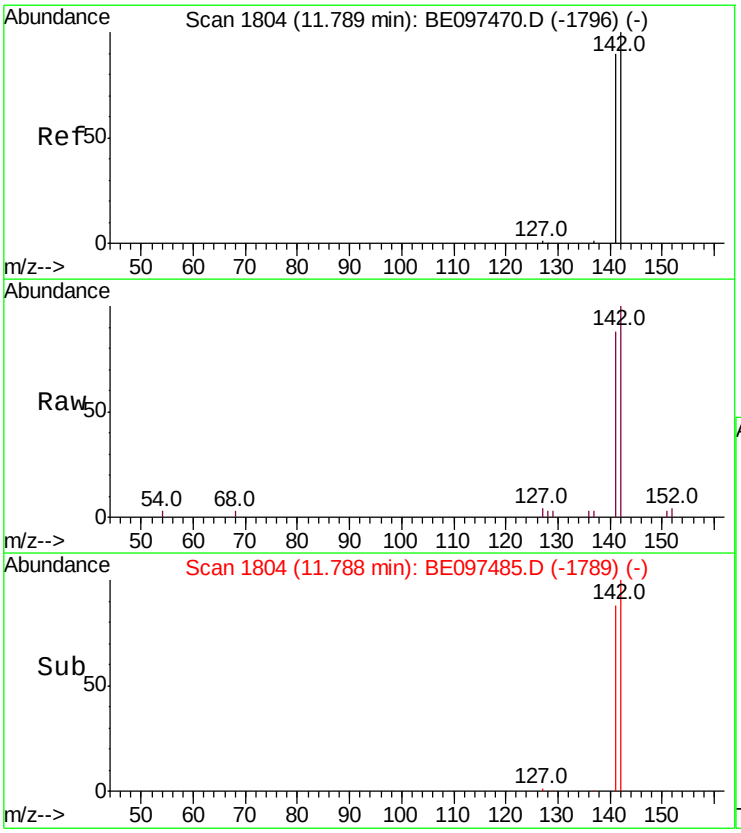
#3
Naphthalene
Concen: 0.394 ng/ul
RT: 10.16 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 4408

Ion	Ratio	Lower	Upper
128	100		
129	12.9	11.3	16.9
127	0.0	4.0	6.0#

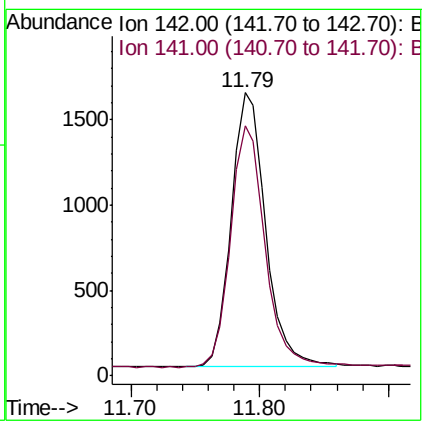


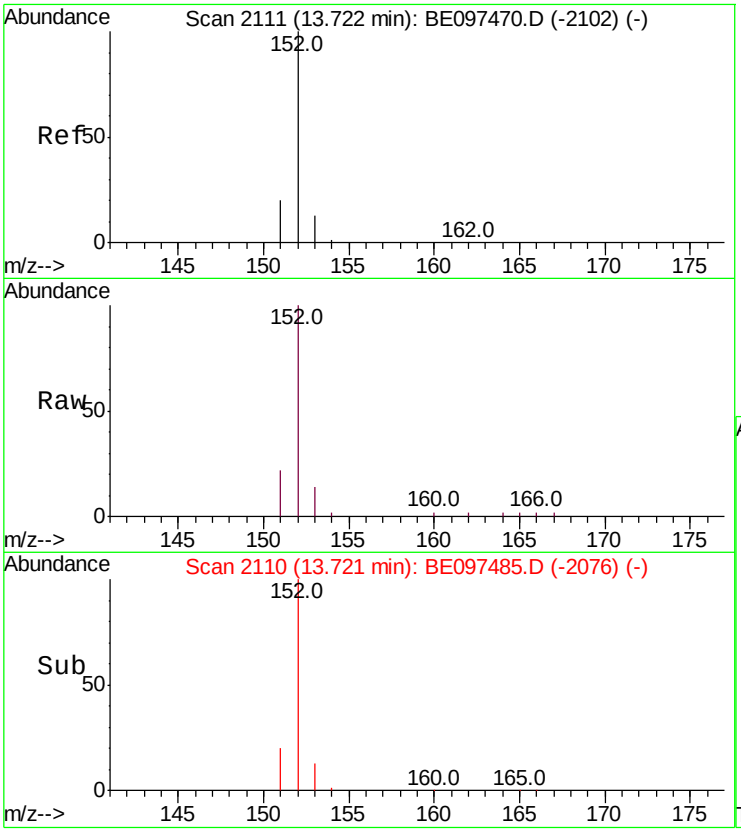


#5
2-Methylnaphthalene
Concen: 0.424 ng/ul
RT: 11.79 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Tgt Ion:142 Resp: 2997

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.6	108.8



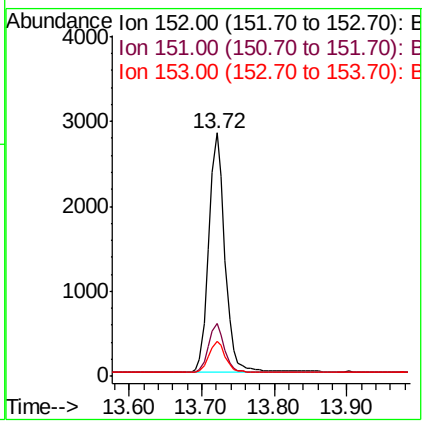


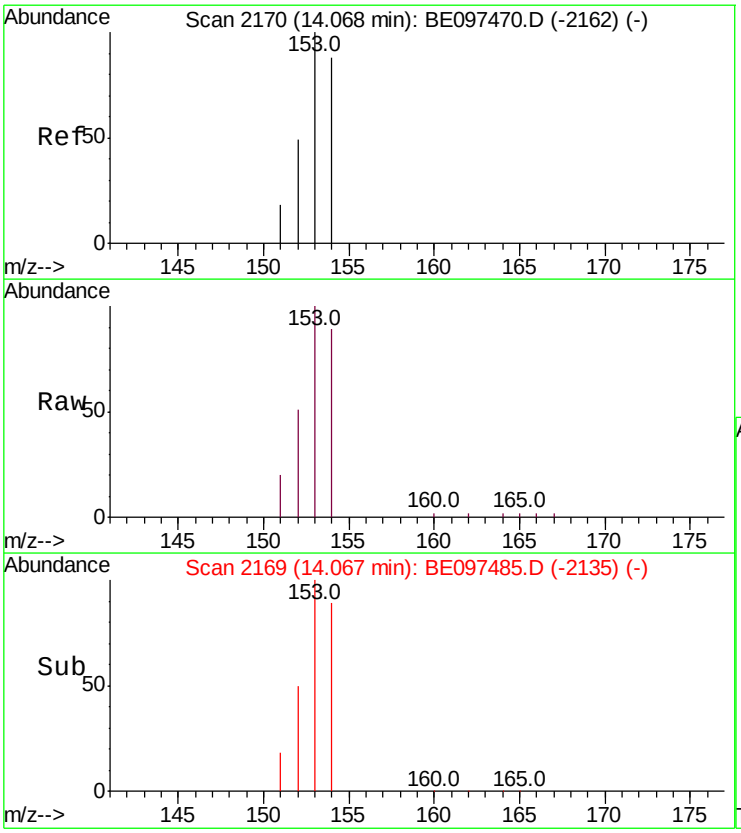
#7
Acenaphthylene
Concen: 0.440 ng/ul
RT: 13.72 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4380

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.1	25.7
153	14.3	12.8	19.2

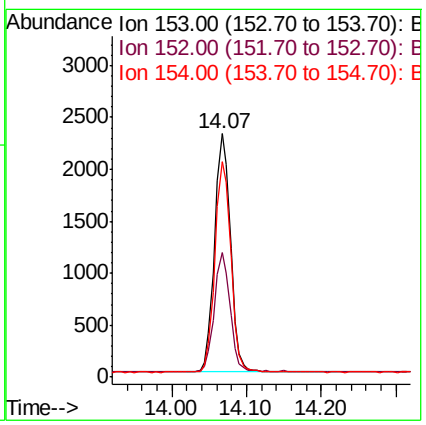


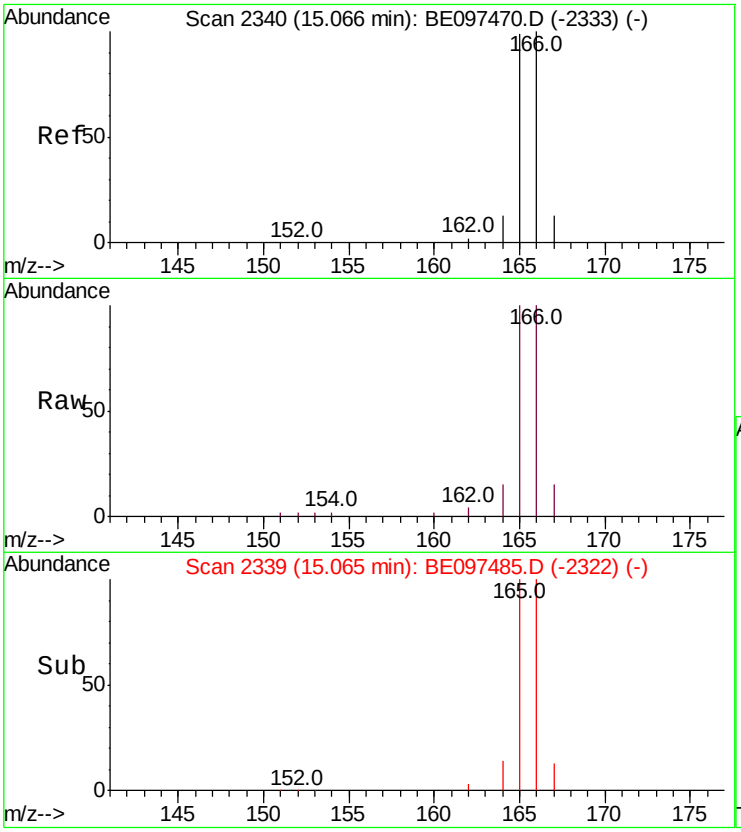


#8
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.07 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Tgt Ion:153 Resp: 3388

Ion	Ratio	Lower	Upper
153	100		
152	51.2	36.0	54.0
154	88.7	72.0	108.0



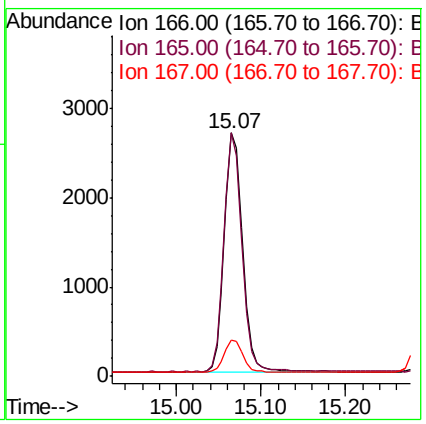


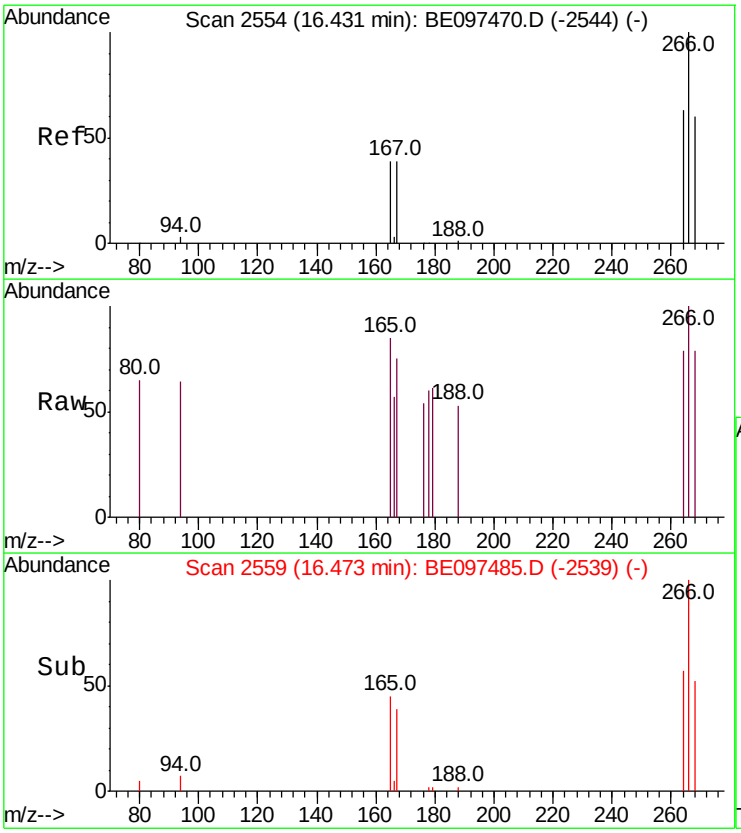
#9
Fluorene
Concen: 0.406 ng/ul
RT: 15.07 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 3989

Ion	Ratio	Lower	Upper
166	100		
165	99.9	73.4	110.2
167	15.1	14.6	22.0

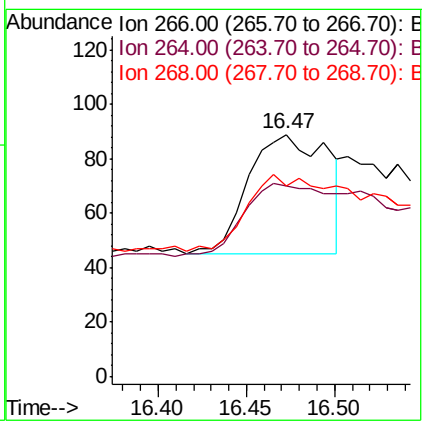


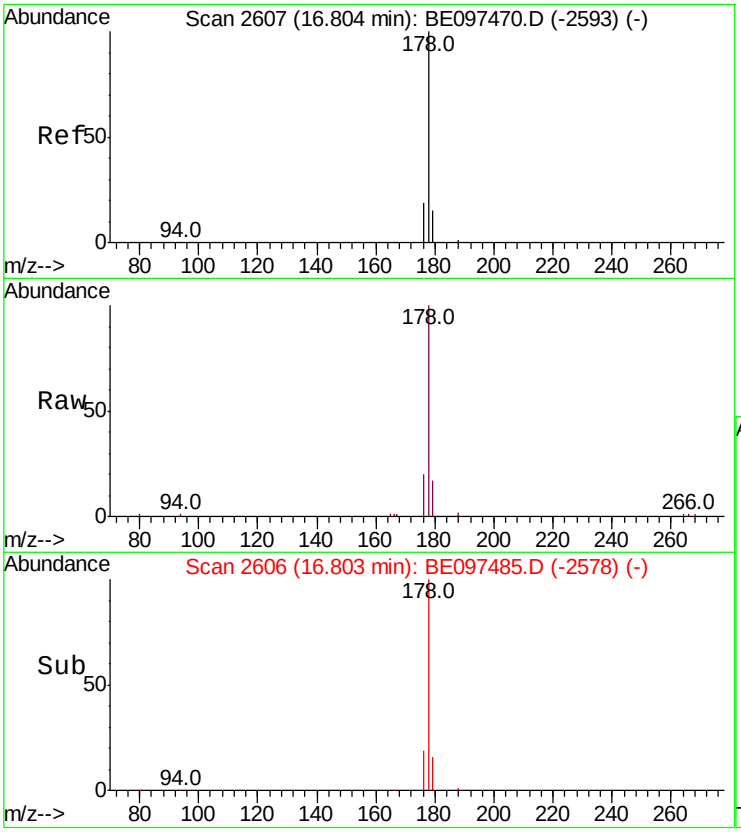


#11
Pentachlorophenol
Concen: 0.190 ng/ul
RT: 16.47 min Scan# 2559
Delta R.T. 0.04 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Tgt Ion:266 Resp: 138

Ion	Ratio	Lower	Upper
266	100		
264	58.0	47.9	71.9
268	56.5	49.8	74.8



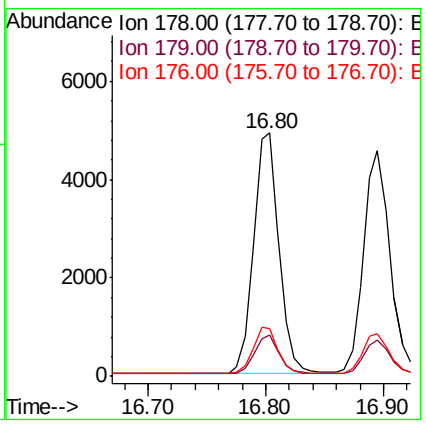


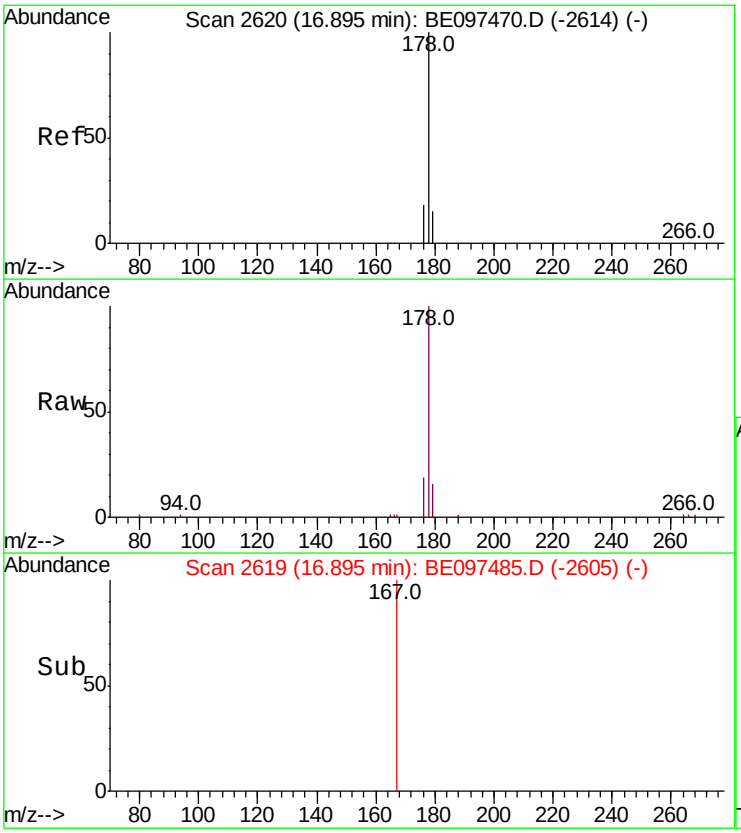
#12
Phenanthrene
Concen: 0.393 ng/ul
RT: 16.80 min Scan# 2606
Delta R.T. -0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7466

Ion	Ratio	Lower	Upper
178	100		
179	16.7	18.4	27.6#
176	19.7	13.6	20.4

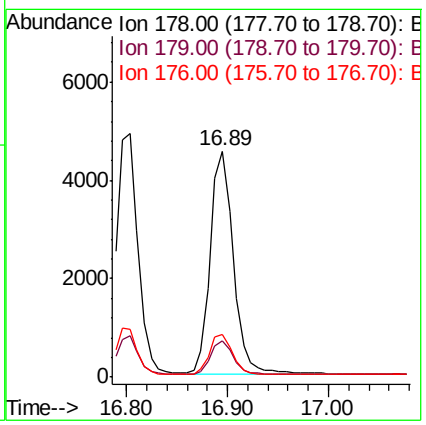


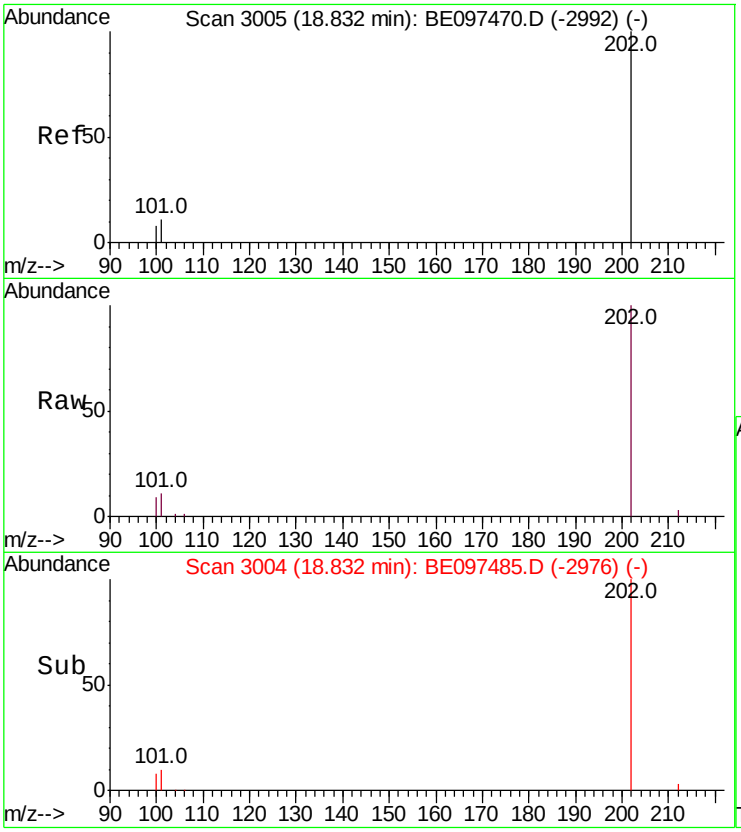


#13
Anthracene
Concen: 0.442 ng/ul
RT: 16.89 min Scan# 2619
Delta R.T. -0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Tgt Ion:178 Resp: 7064

Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.1	27.1#
176	18.9	14.7	22.1



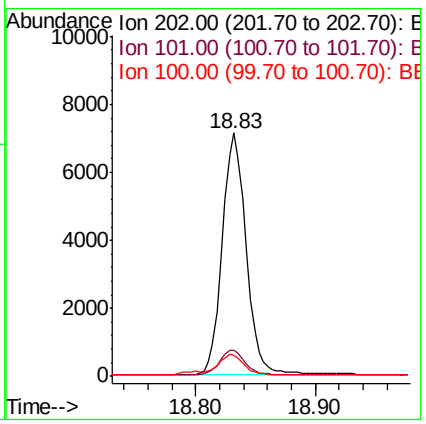


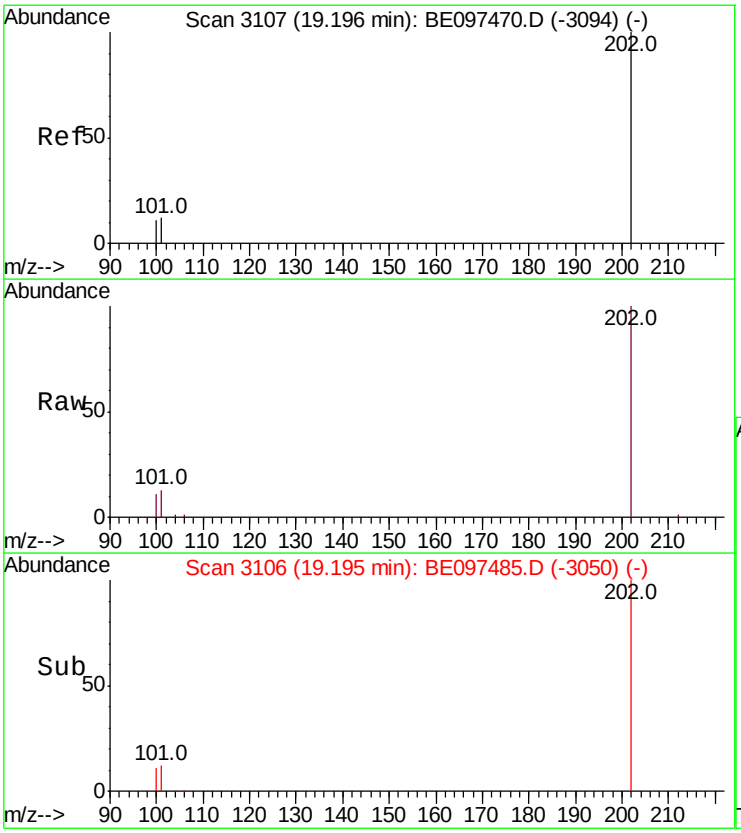
#15
Fluoranthene
Concen: 0.404 ng/ul
RT: 18.83 min Scan# 3004
Delta R.T. -0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 9856

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.3
100	8.6	0.0	39.5

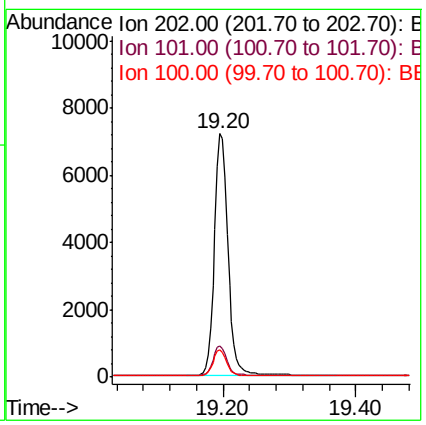


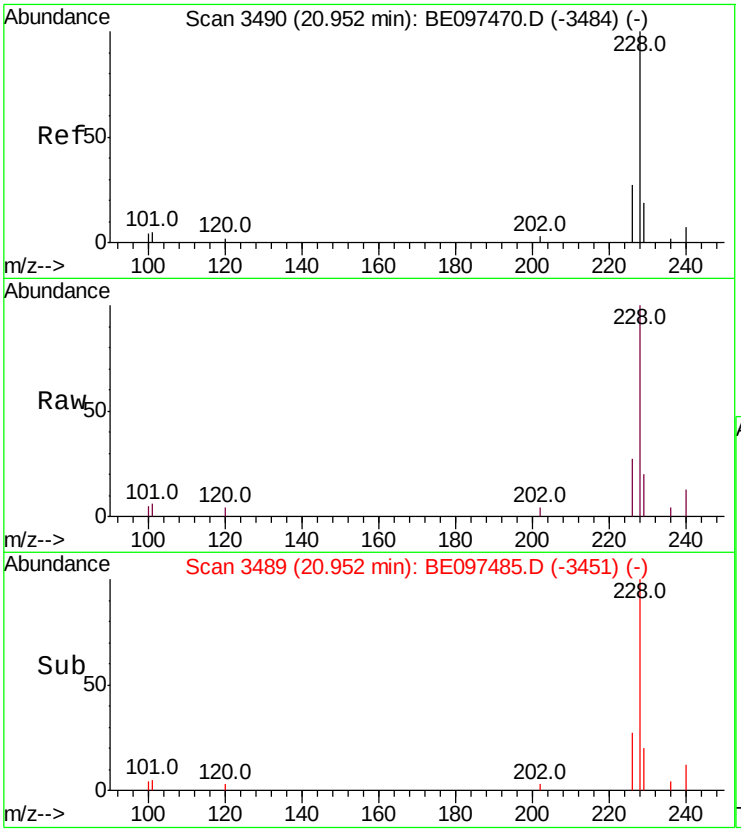


#17
Pyrene
Concen: 0.381 ng/ul
RT: 19.20 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Tgt Ion:202 Resp: 10126

Ion	Ratio	Lower	Upper
202	100		
101	12.9	18.2	27.4#
100	11.3	15.6	23.4#



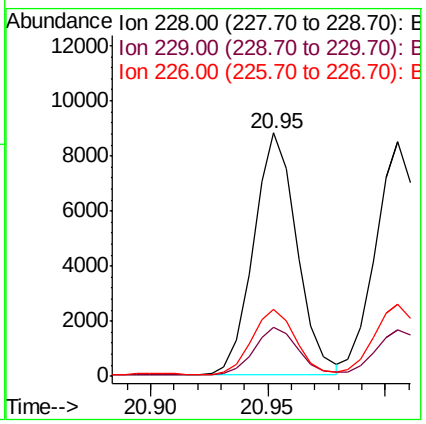


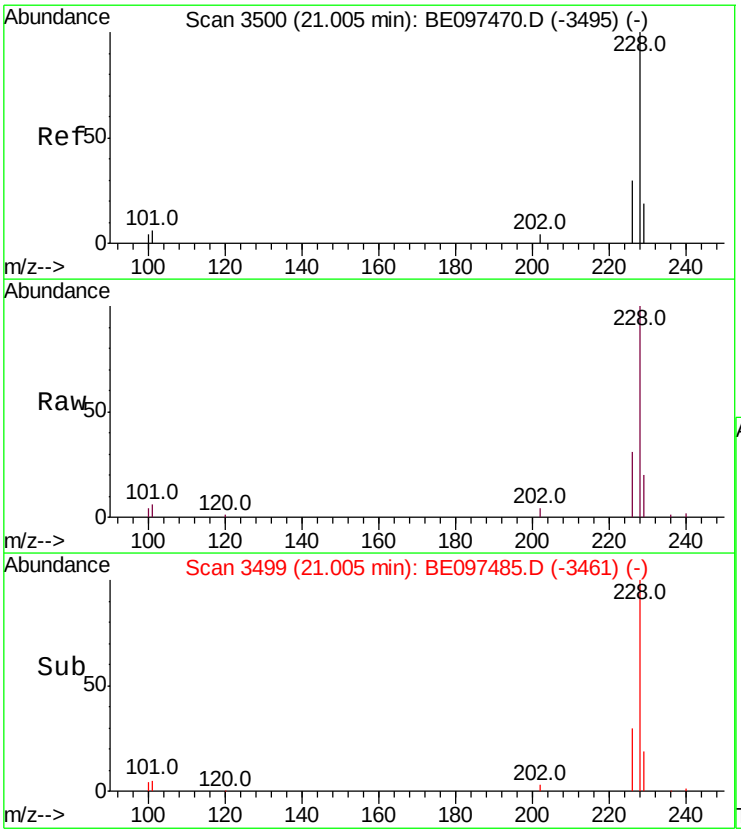
#18
Benzo(a)anthracene
Concen: 0.443 ng/ul
RT: 20.95 min Scan# 3489
Delta R.T. 0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 11237

Ion	Ratio	Lower	Upper
228	100		
229	20.2	22.8	34.2#
226	27.2	17.0	25.6#

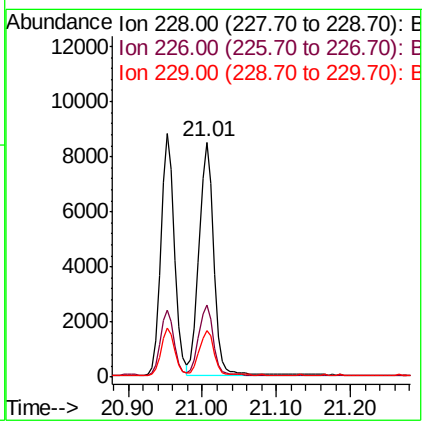


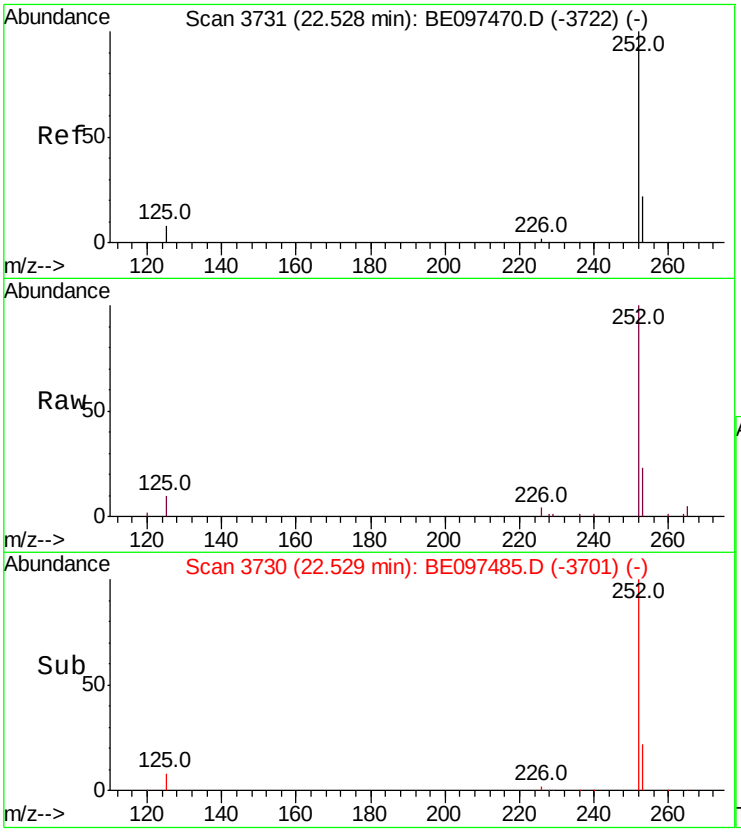


#19
Chrysene
Concen: 0.385 ng/ul
RT: 21.01 min Scan# 3499
Delta R.T. 0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Tgt Ion:228 Resp: 11273

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	20.1	17.7	26.5



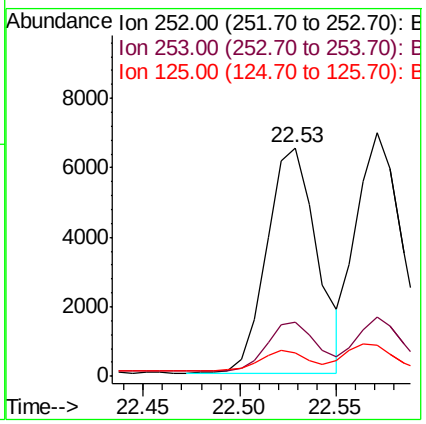


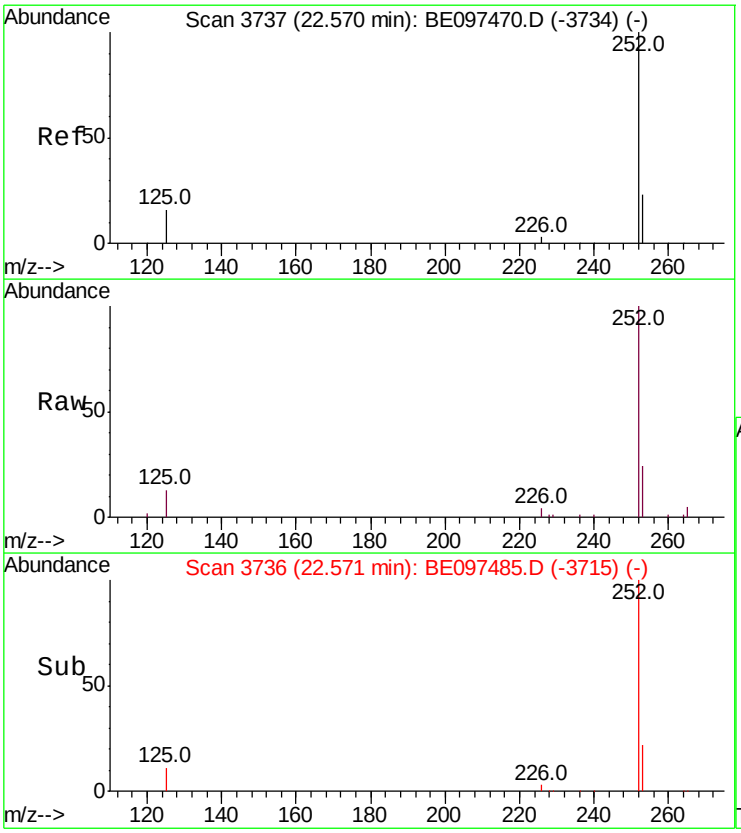
#21
Benzo(b)fluoranthene
Concen: 0.419 ng/ul
RT: 22.53 min Scan# 3730
Delta R.T. 0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11697

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	64.2
125	10.2	0.0	35.0

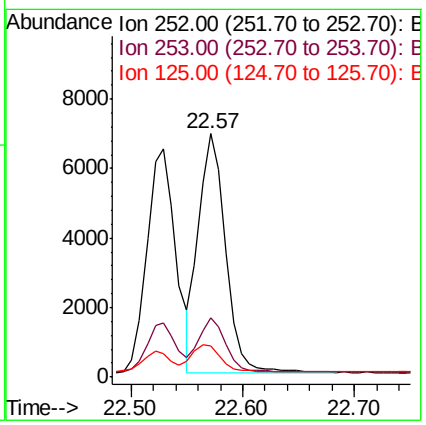


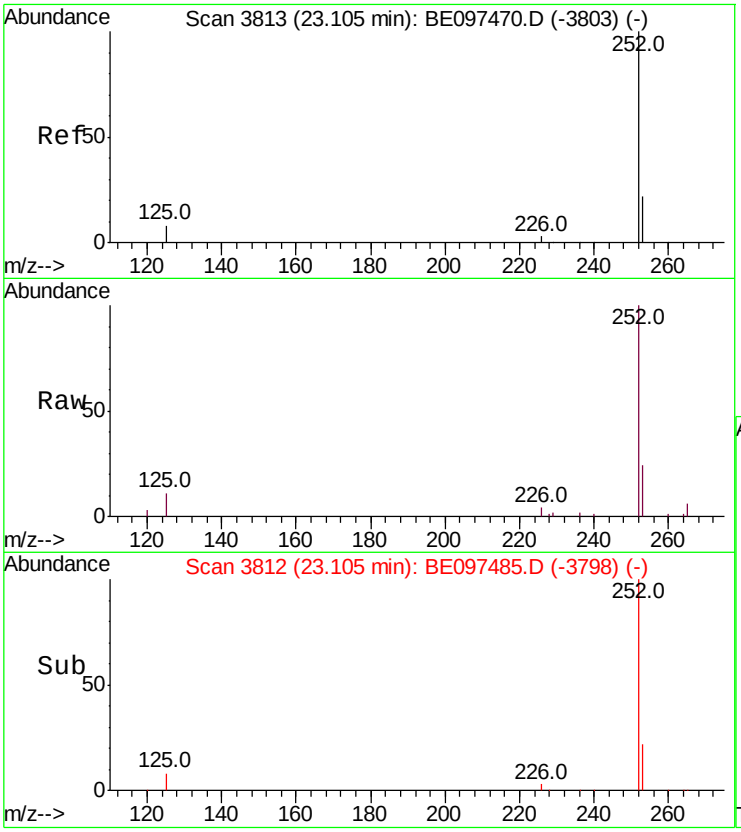


#22
Benzo(k)fluoranthene
Concen: 0.374 ng/ul
RT: 22.57 min Scan# 3736
Delta R.T. 0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Tgt Ion:252 Resp: 11617

Ion	Ratio	Lower	Upper
252	100		
253	24.1	24.5	36.7#
125	12.8	13.7	20.5#



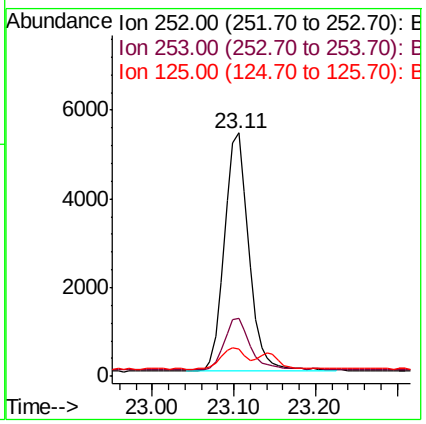


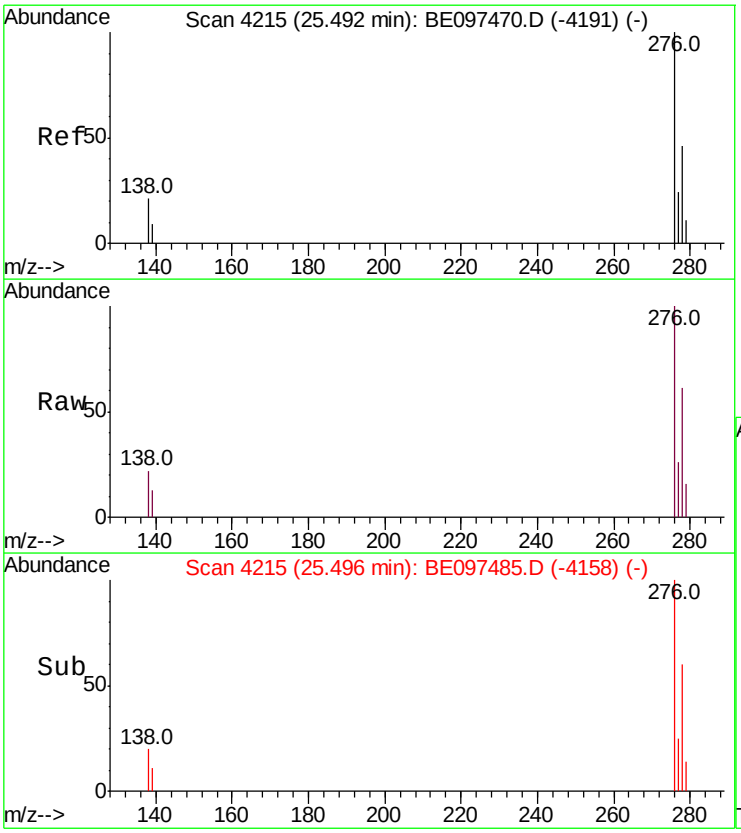
#23
Benzo(a)pyrene
Concen: 0.436 ng/ul
RT: 23.11 min Scan# 3812
Delta R.T. 0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11263

Ion	Ratio	Lower	Upper
252	100		
253	24.0	28.5	42.7#
125	11.3	18.1	27.1#

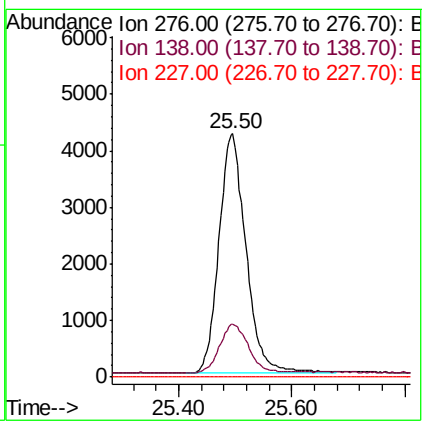


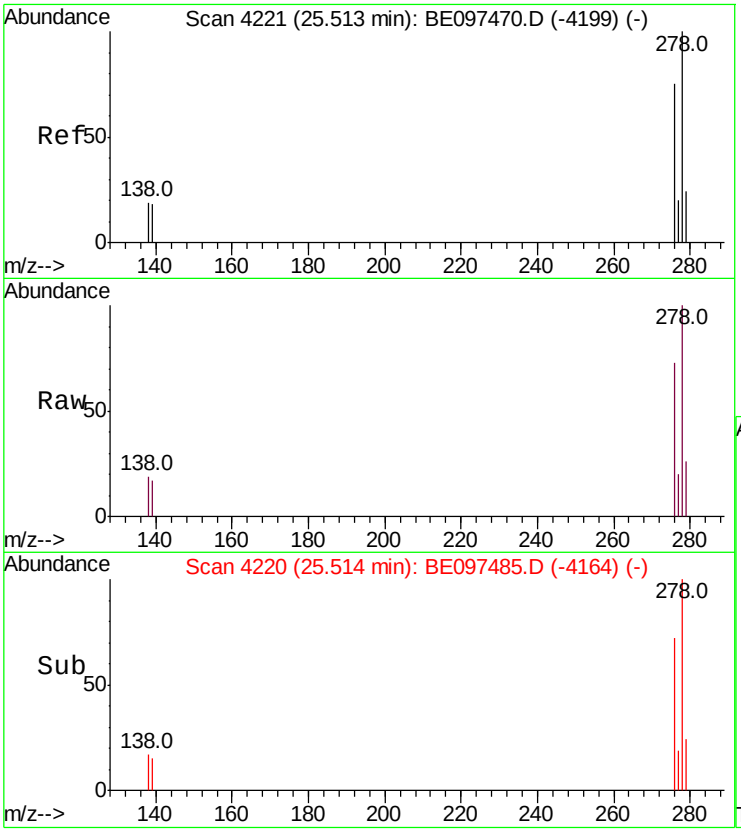


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng/ul
RT: 25.50 min Scan# 4215
Delta R.T. 0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Tgt Ion:276 Resp: 14072

Ion	Ratio	Lower	Upper
276	100		
138	21.1	28.0	42.0#
227	0.0	8.0	12.0#



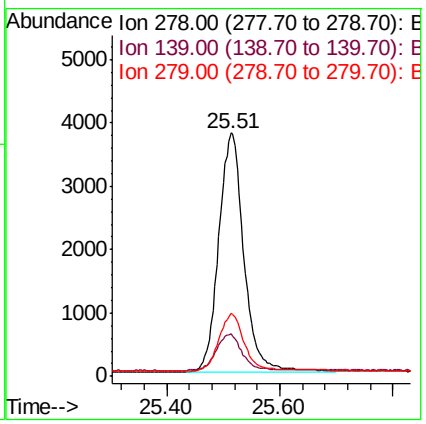


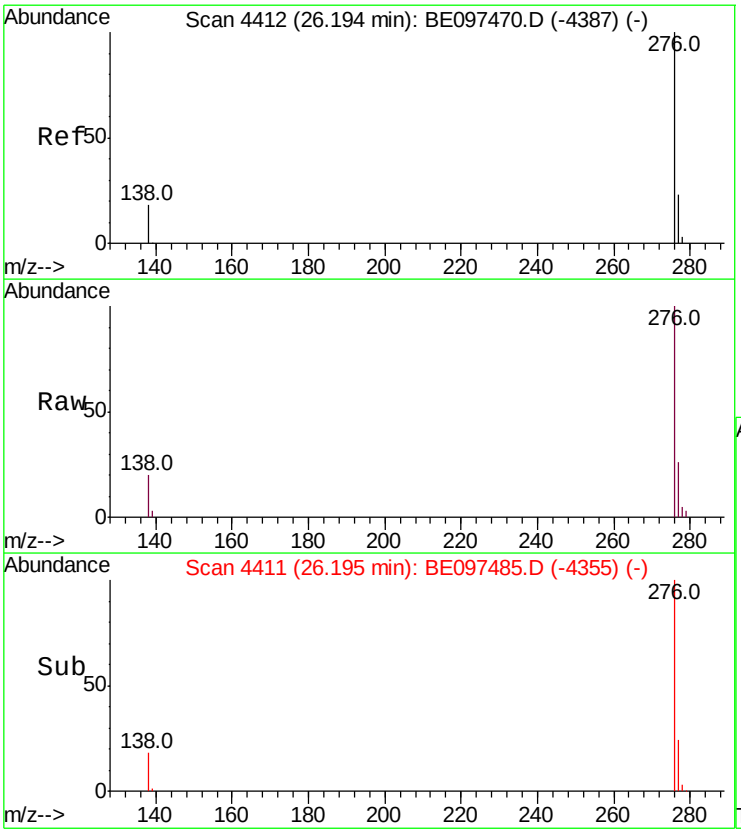
#25
Dibenzo(a,h)anthracene
Concen: 0.412 ng/ul
RT: 25.51 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 11688

Ion	Ratio	Lower	Upper
278	100		
139	17.5	17.4	26.0
279	25.8	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 26.20 min Scan# 4411
Delta R.T. 0.00 min
Lab File: BE097485.D
Acq: 14 Sep 2018 13:32

Tgt Ion:276 Resp: 11744

Ion	Ratio	Lower	Upper
276	100		
138	19.9	21.8	32.8#
277	25.6	20.5	30.7