Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
Data File : BE097241.D
Acq On : 8 Aug 2018 18:51
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 08 23:27:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1177	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6297	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3566	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	8190	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	8300	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	8576	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	4057	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	9210	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	5905	0.387	ng/ul#	92
5) 2-Methylnaphthalene	11.80	142	4029	0.400	ng/ul	97
7) Acenaphthylene	13.73	152	6175	0.400	ng/ul	97
8) Acenaphthene	14.08	153	4411	0.396	ng/ul	94
9) Fluorene	15.08	166	4888	0.381	ng/ul#	95
11) Pentachlorophenol	16.44	266	386	0.329	ng/ul	96
12) Phenanthrene	16.81	178	8024	0.384	ng/ul#	89
13) Anthracene	16.90	178	7675	0.394	ng/ul#	92
15) Fluoranthene	18.84	202	9152	0.332	ng/ul	84
17) Pyrene	19.21	202	9224	0.415	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	9454	0.399	ng/ul#	85
19) Chrysene	21.01	228	9451	0.387	ng/ul	96
21) Benzo(b)fluoranthene	22.53	252	9689	0.415	ng/ul	85
22) Benzo(k)fluoranthene	22.58	252	9312	0.369	ng/ul#	89
23) Benzo(a)pyrene	23.11	252	9251	0.396	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.51	276	11704	0.400	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.53	278	9792	0.409	ng/ul#	90
26) Benzo(g,h,i)perylene	26.21	276	9843	0.389	ng/ul#	93

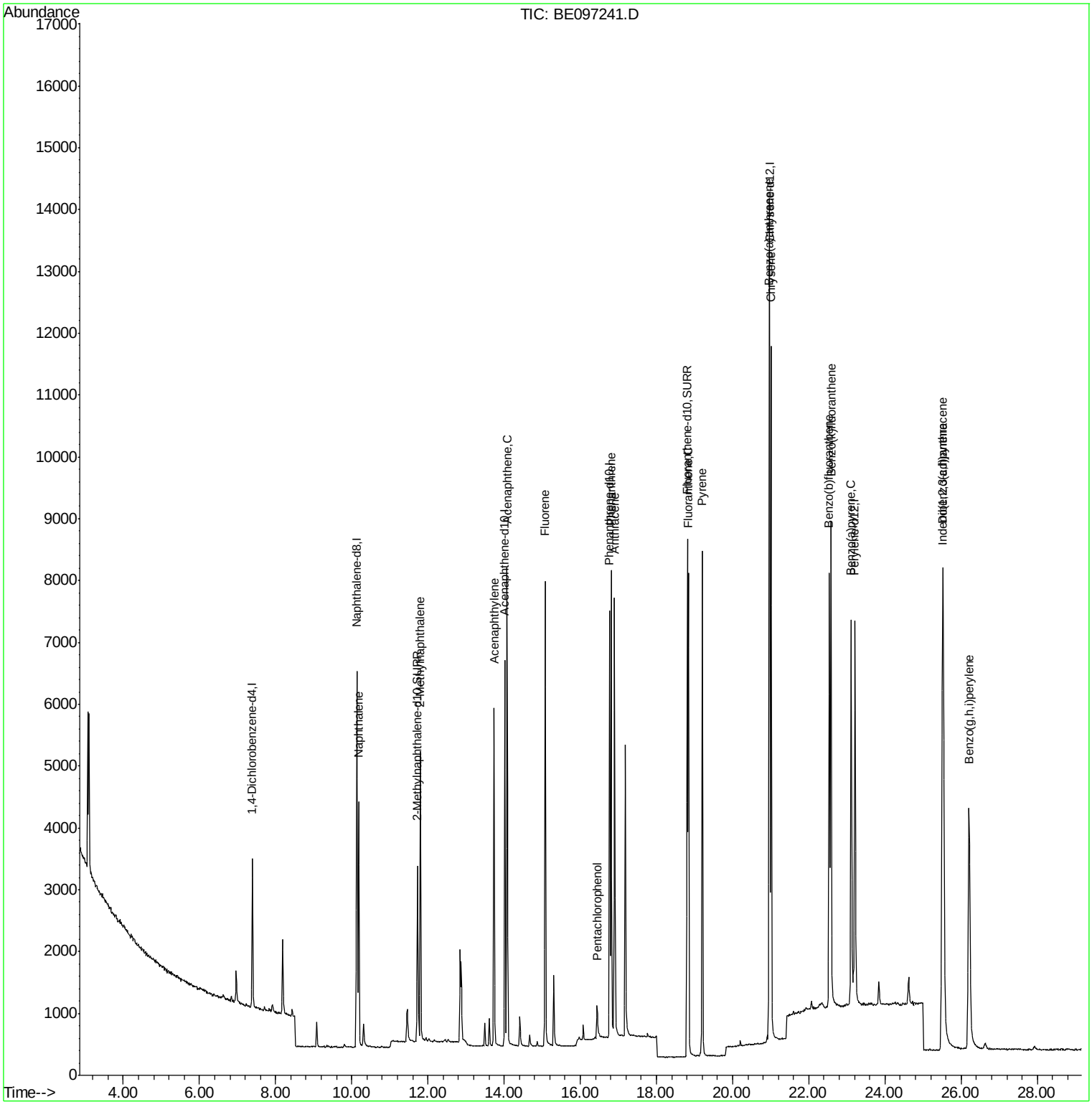
(#) = qualifier out of range (m) = manual integration (+) = signals summed

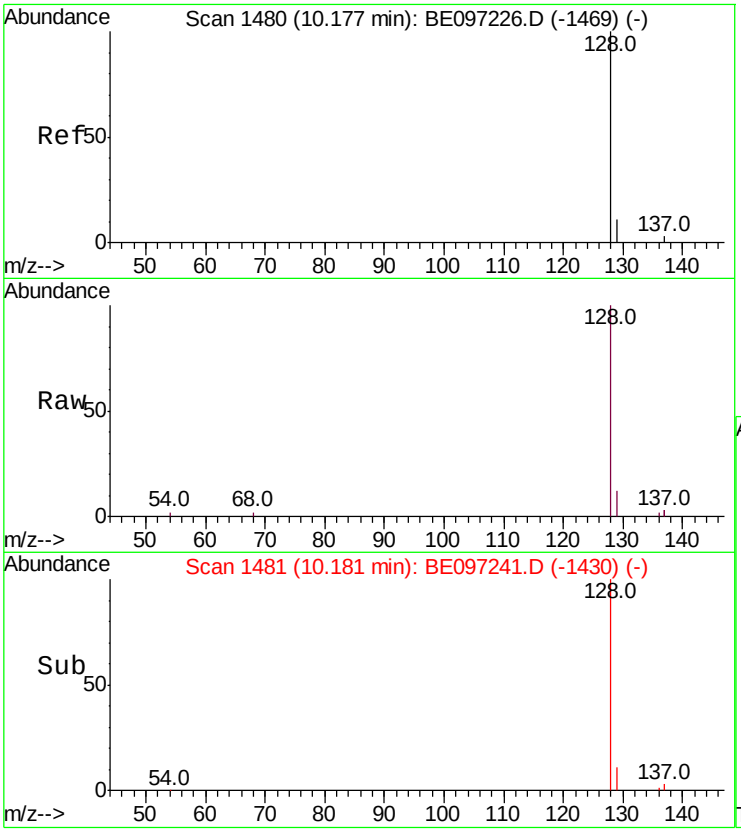
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
Data File : BE097241.D
Acq On : 8 Aug 2018 18:51
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 08 23:27:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration



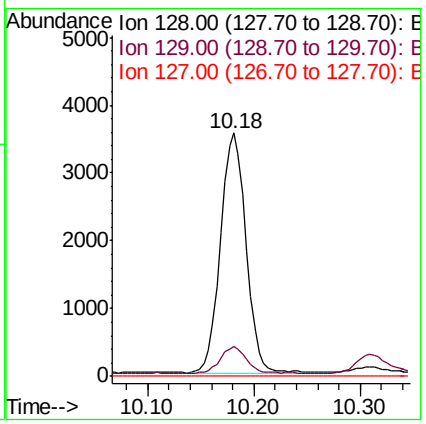


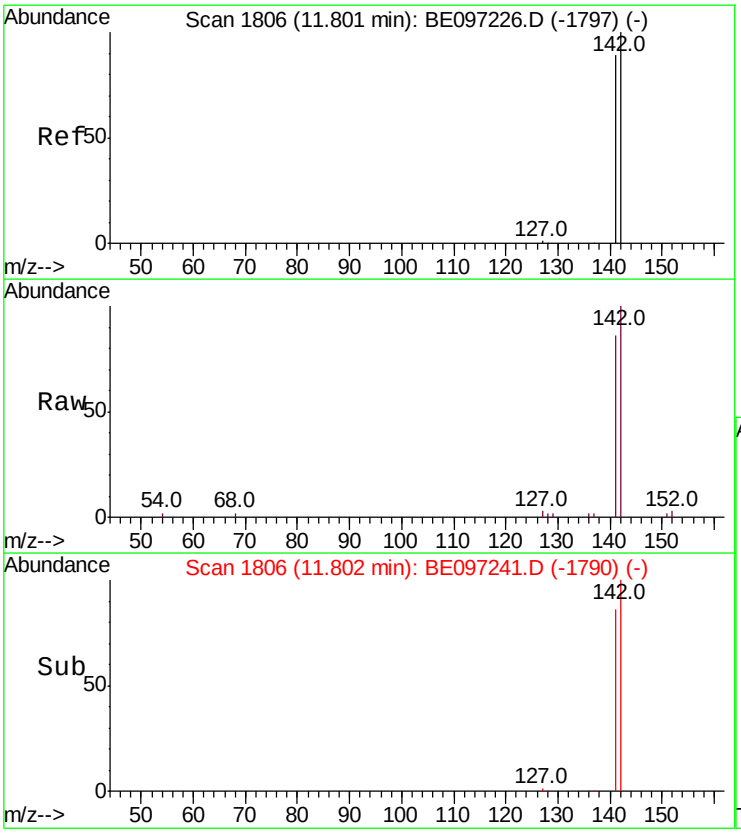
#3
Naphthalene
Concen: 0.387 ng/ul
RT: 10.18 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 5905

Ion	Ratio	Lower	Upper
128	100		
129	12.1	11.3	16.9
127	0.0	4.0	6.0#

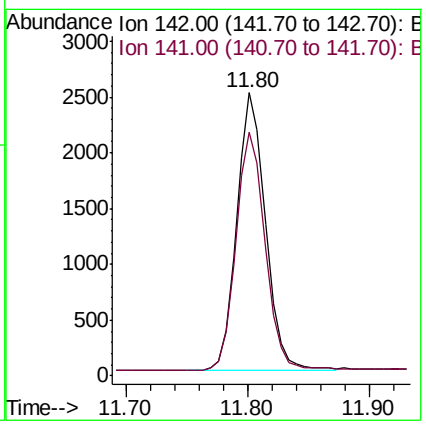


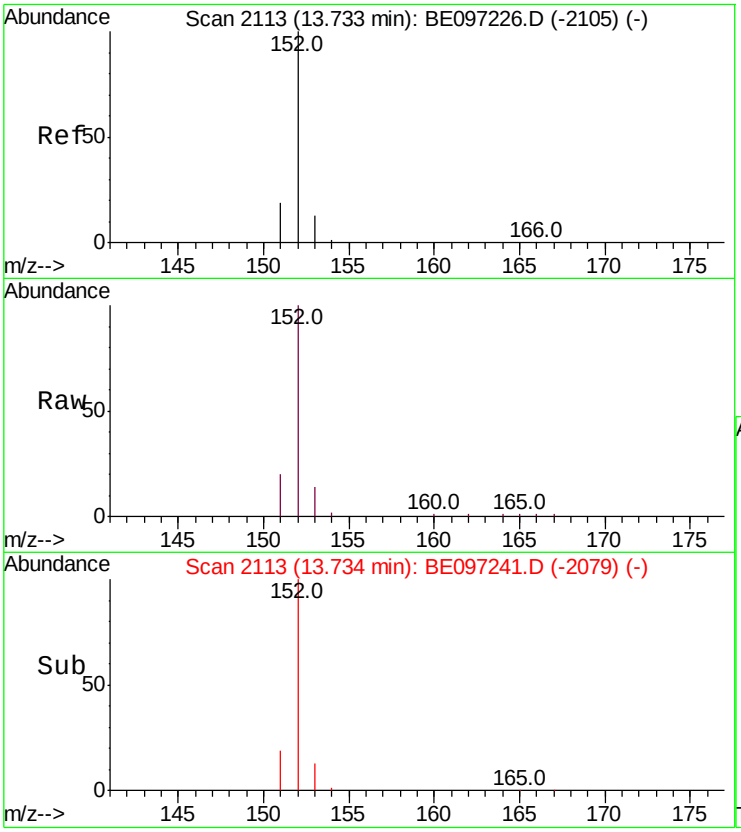


#5
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 11.80 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Tgt Ion:142 Resp: 4029

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.6	108.8



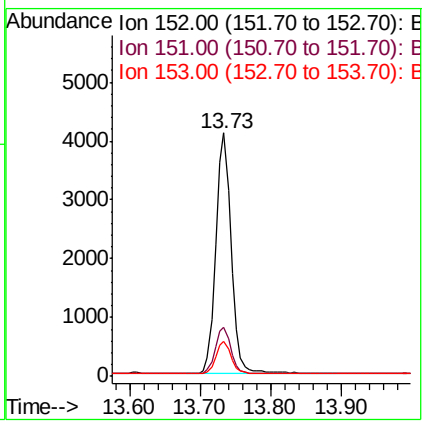


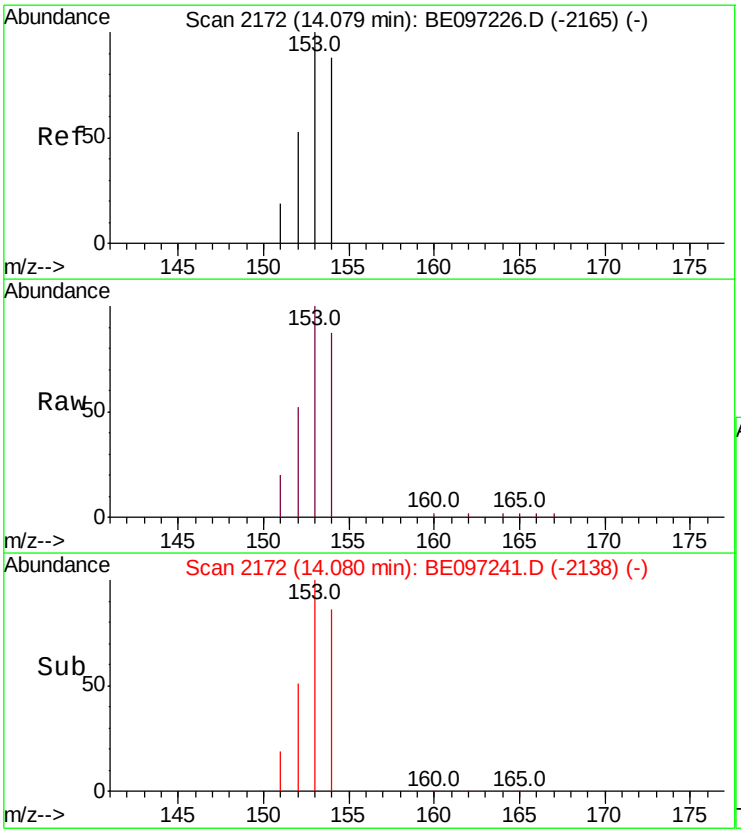
#7
Acenaphthylene
Concen: 0.400 ng/ul
RT: 13.73 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6175

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.1	25.7
153	14.2	12.8	19.2

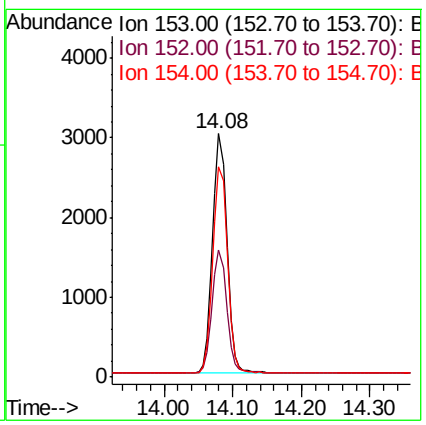


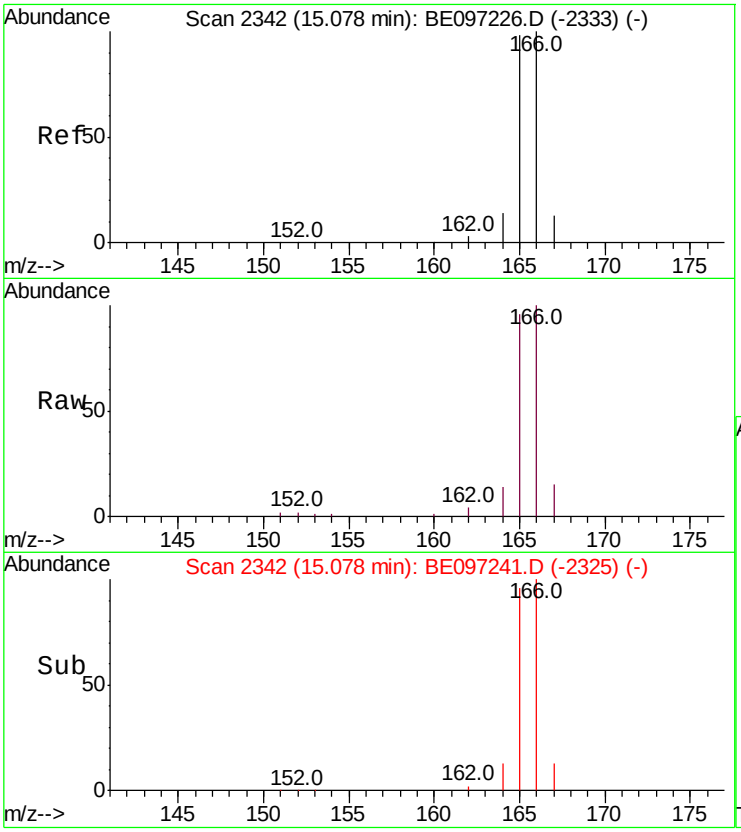


#8
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.08 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Tgt Ion:153 Resp: 4411

Ion	Ratio	Lower	Upper
153	100		
152	52.1	36.0	54.0
154	86.6	72.0	108.0



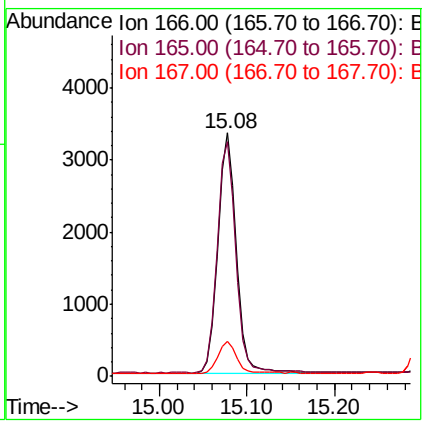


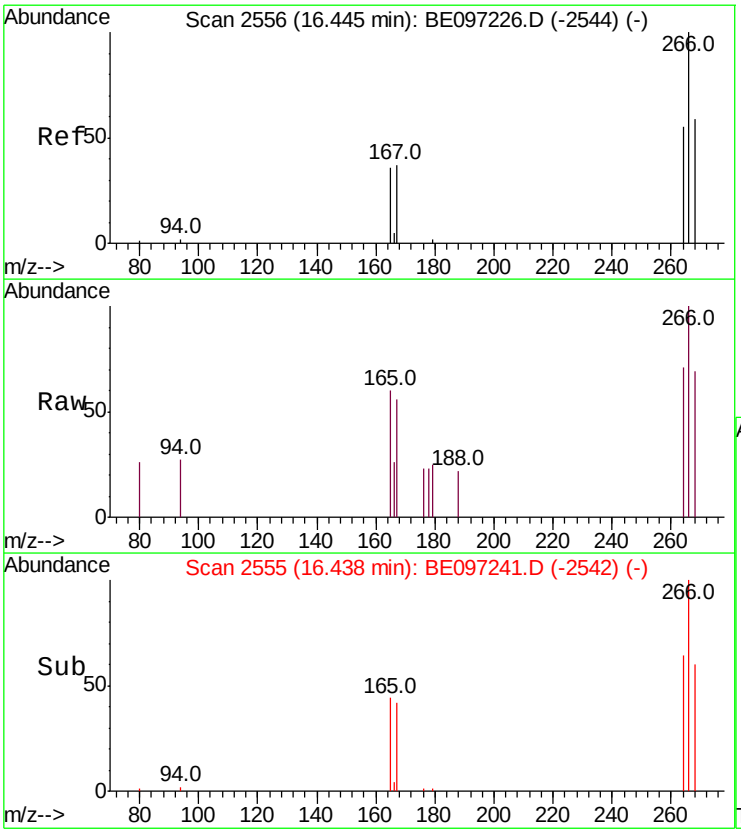
#9
Fluorene
Concen: 0.381 ng/ul
RT: 15.08 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 4888

Ion	Ratio	Lower	Upper
166	100		
165	96.3	73.4	110.2
167	14.6	14.6	22.0#

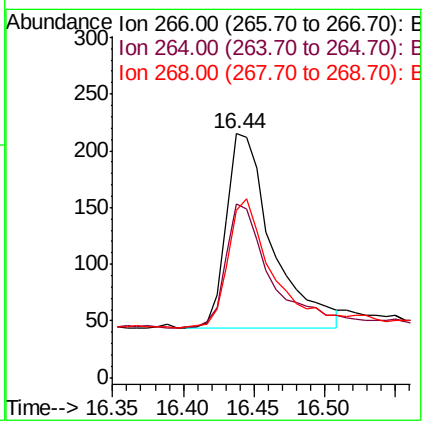


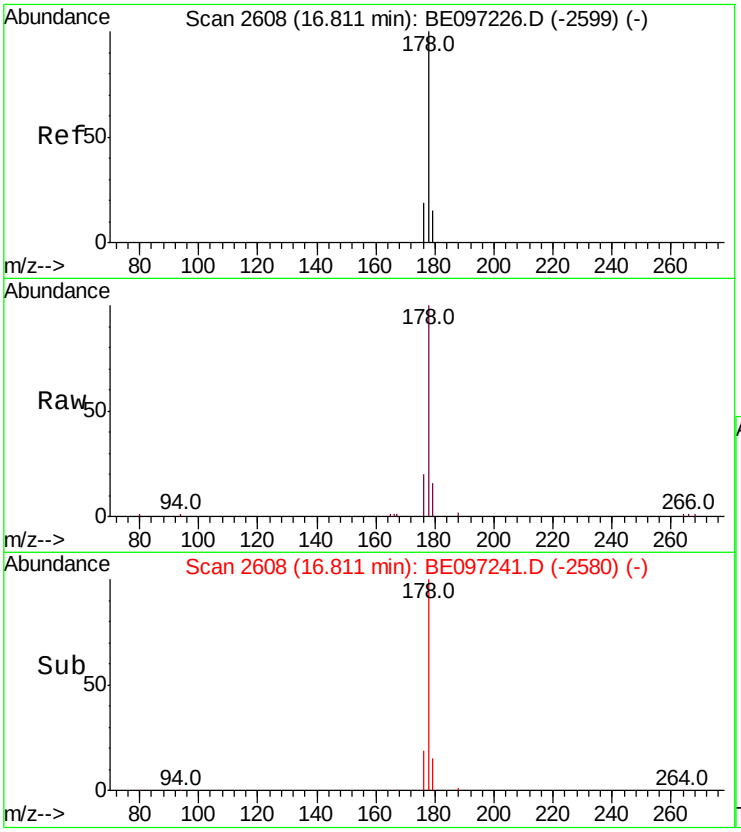


#11
Pentachlorophenol
Concen: 0.329 ng/ul
RT: 16.44 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Tgt Ion:266 Resp: 386

Ion	Ratio	Lower	Upper
266	100		
264	63.2	47.9	71.9
268	65.3	49.8	74.8



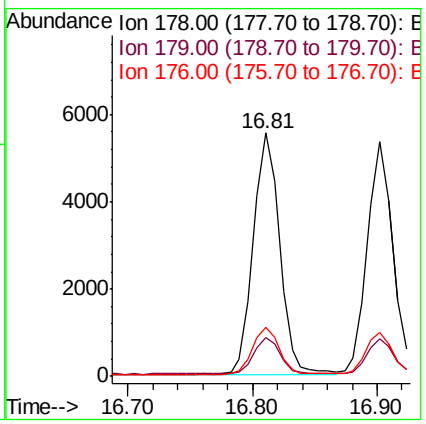


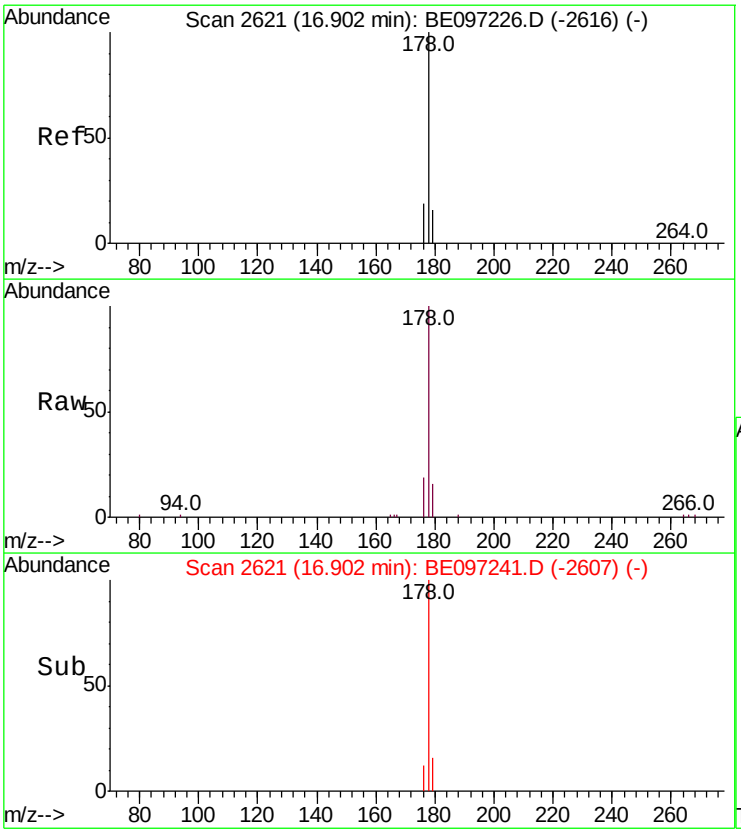
#12
Phenanthrene
Concen: 0.384 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 8024

Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.4	27.6#
176	20.1	13.6	20.4

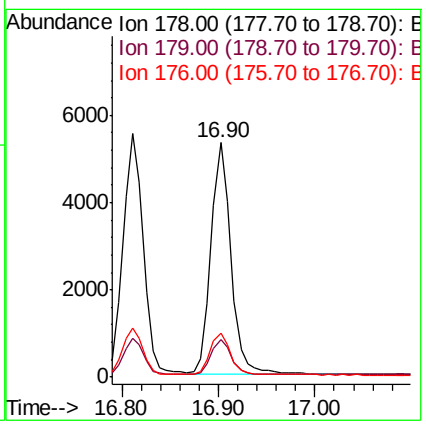


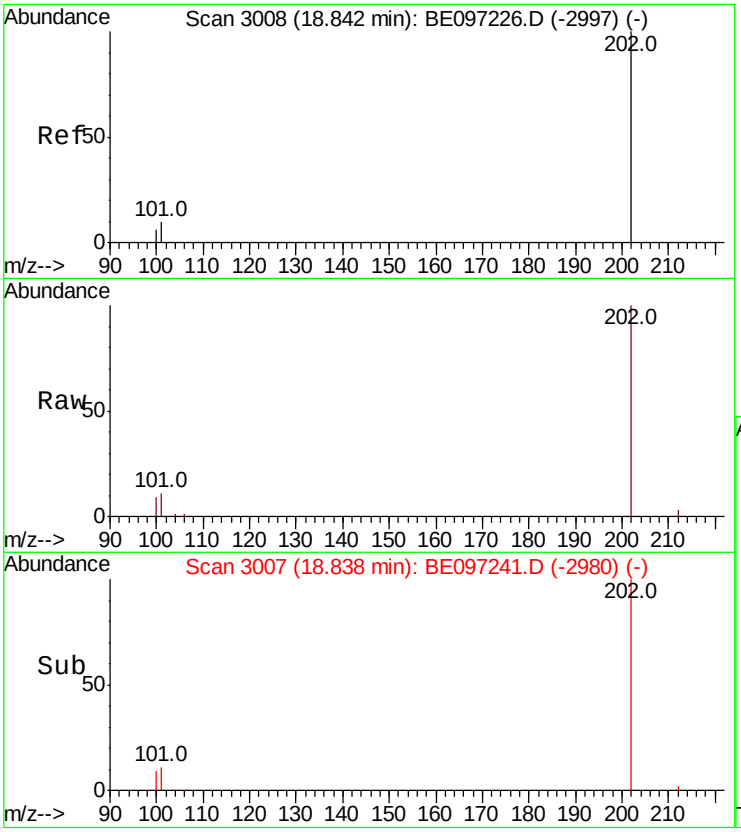


#13
Anthracene
Concen: 0.394 ng/ul
RT: 16.90 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Tgt Ion:178 Resp: 7675

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.1	27.1#
176	19.0	14.7	22.1



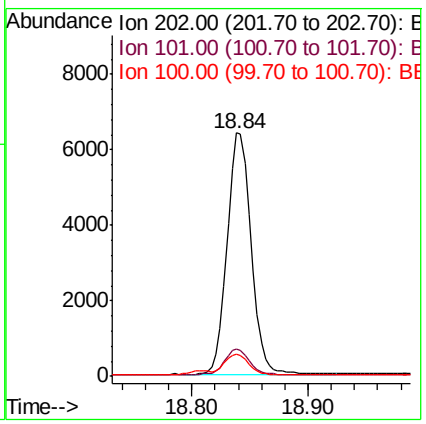


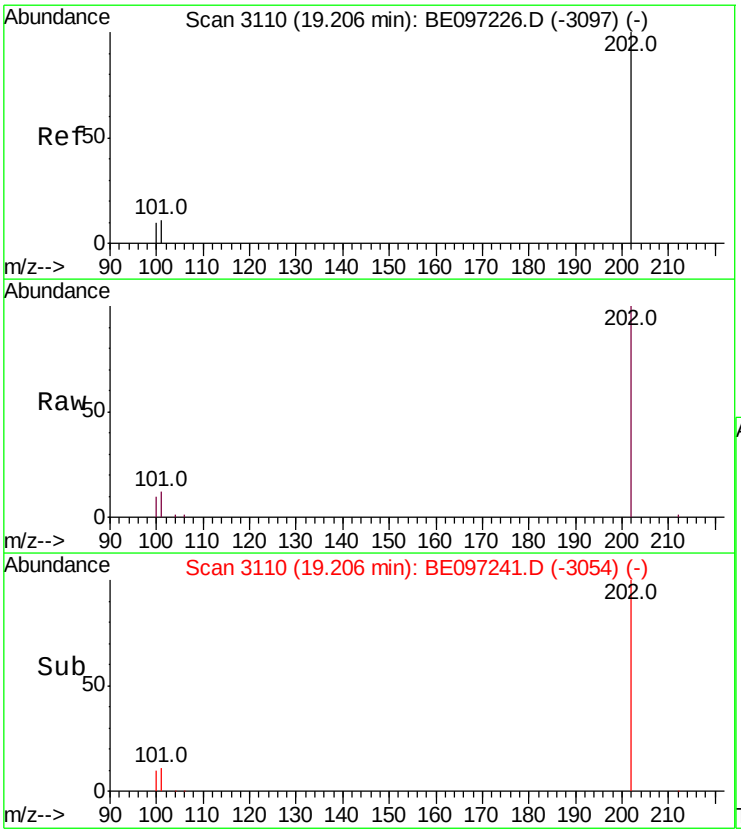
#15
Fluoranthene
Concen: 0.332 ng/ul
RT: 18.84 min Scan# 3007
Delta R.T. -0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 9152

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	9.3	0.0	39.5

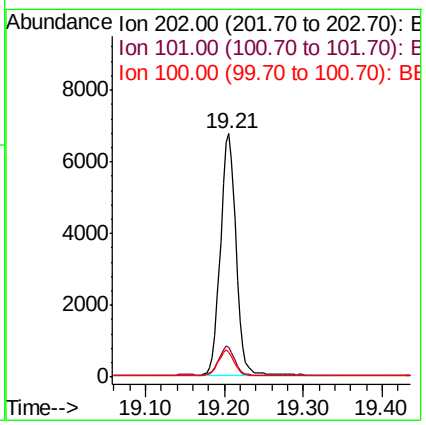


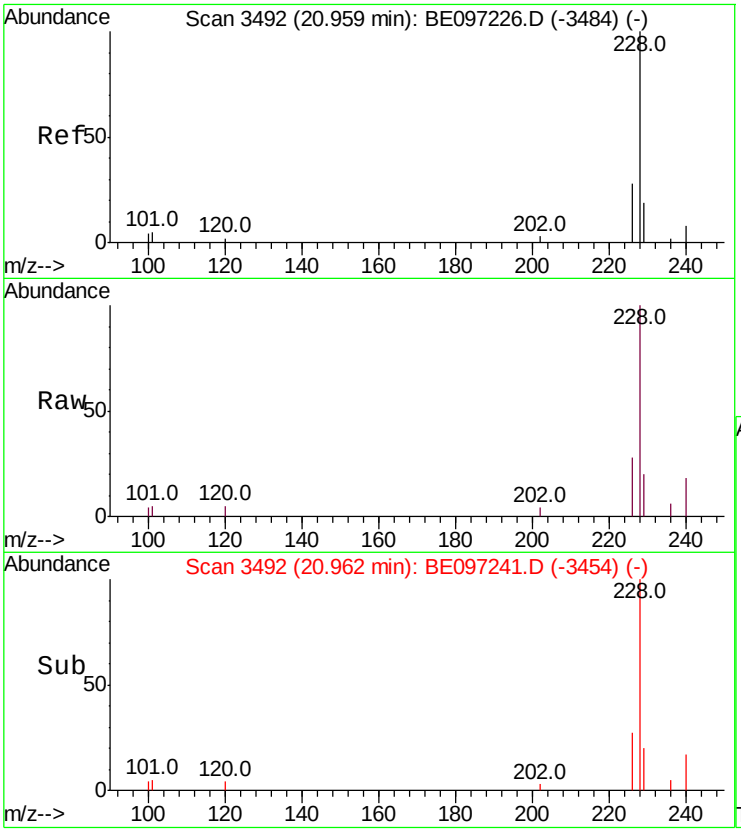


#17
Pyrene
Concen: 0.415 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Tgt Ion:202 Resp: 9224

Ion	Ratio	Lower	Upper
202	100		
101	12.1	18.2	27.4#
100	10.4	15.6	23.4#



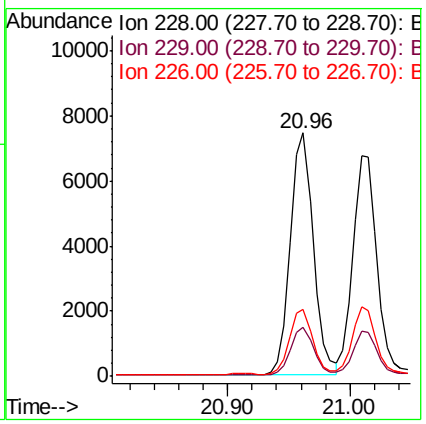


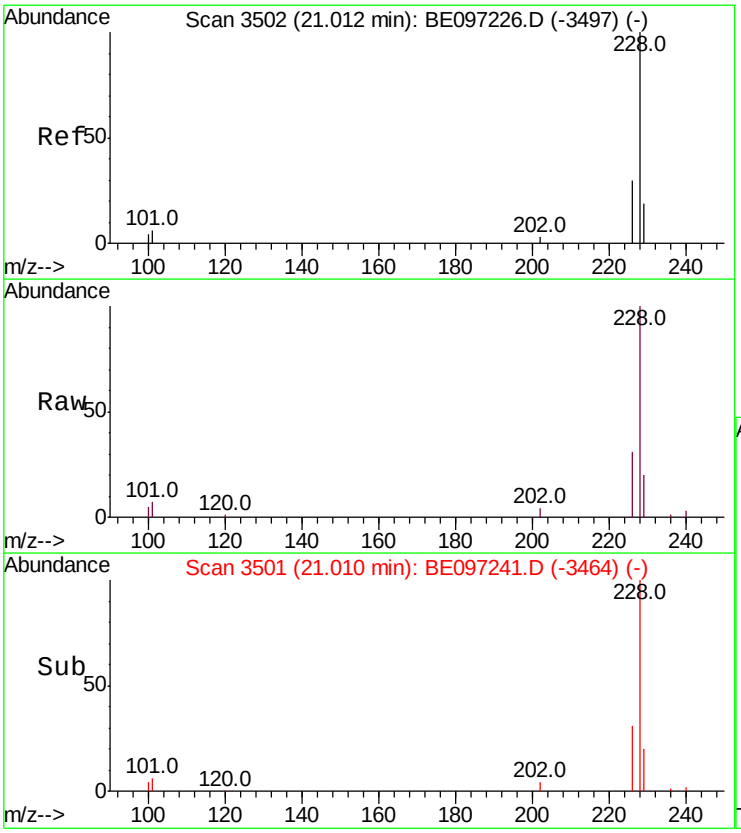
#18
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 20.96 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9454

Ion	Ratio	Lower	Upper
228	100		
229	20.2	22.8	34.2#
226	27.7	17.0	25.6#

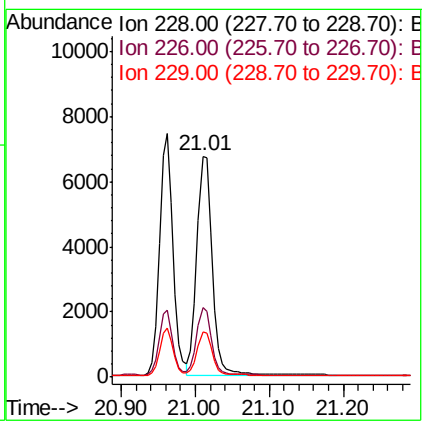


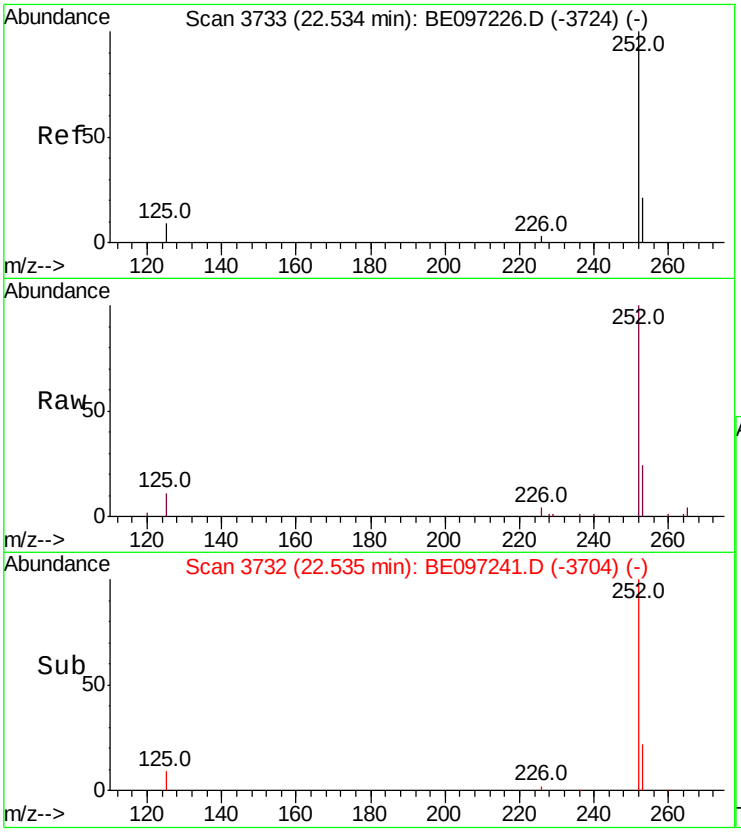


#19
Chrysene
Concen: 0.387 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Tgt Ion:228 Resp: 9451

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.0
229	20.5	17.7	26.5



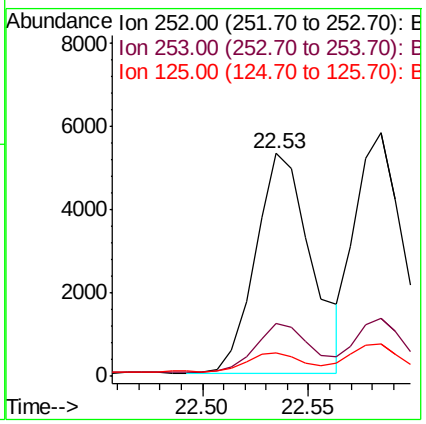


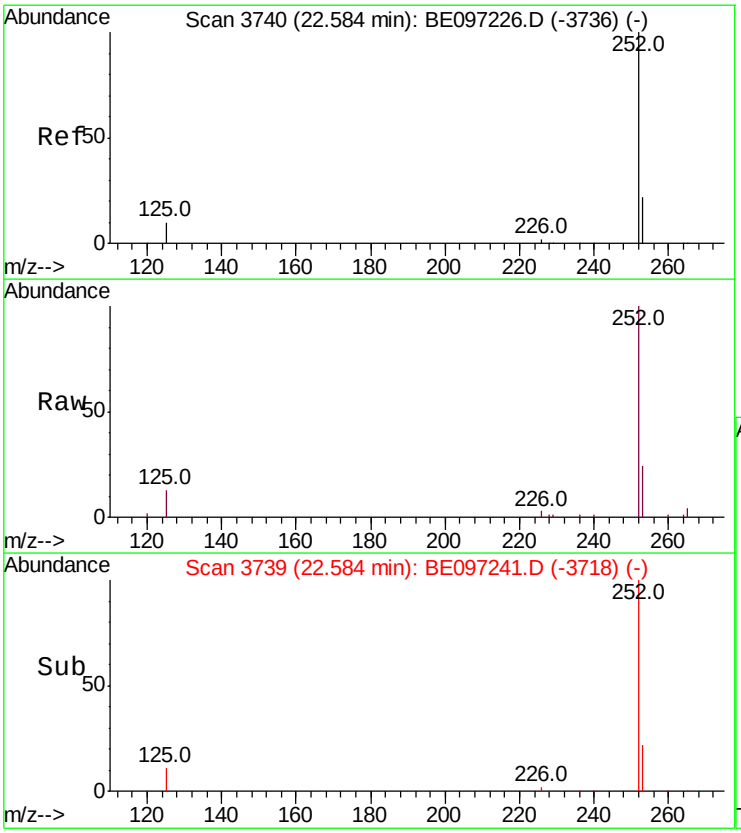
#21
Benzo(b)fluoranthene
Concen: 0.415 ng/ul
RT: 22.53 min Scan# 3732
Delta R.T. 0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9689

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	64.2
125	10.7	0.0	35.0

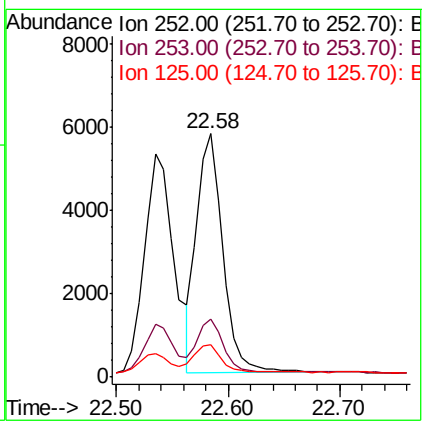


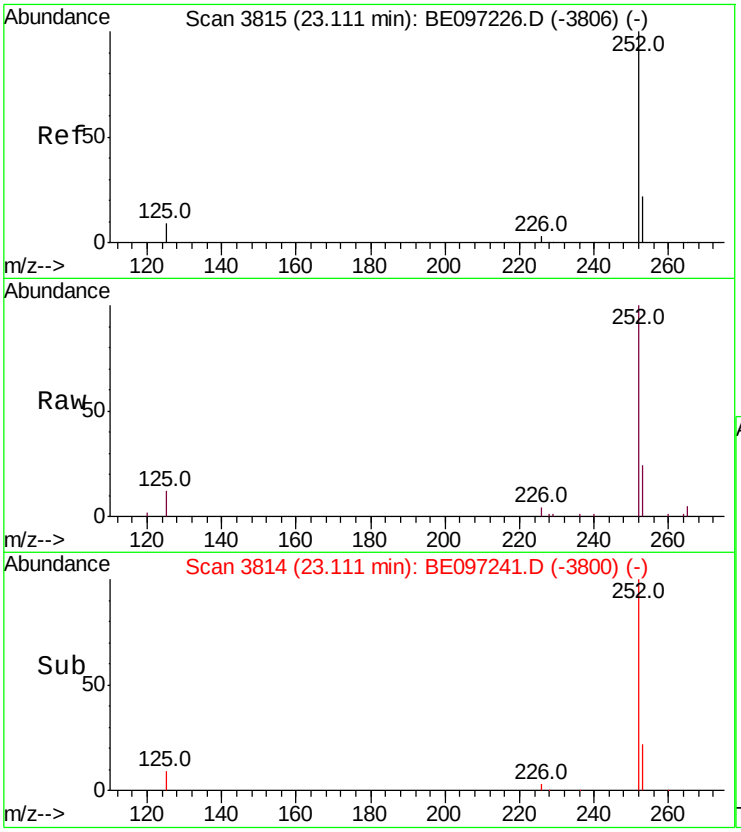


#22
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 22.58 min Scan# 3739
Delta R.T. 0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Tgt Ion:252 Resp: 9312

Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	13.2	13.7	20.5#



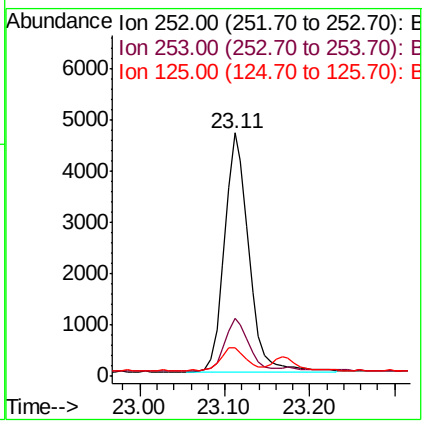


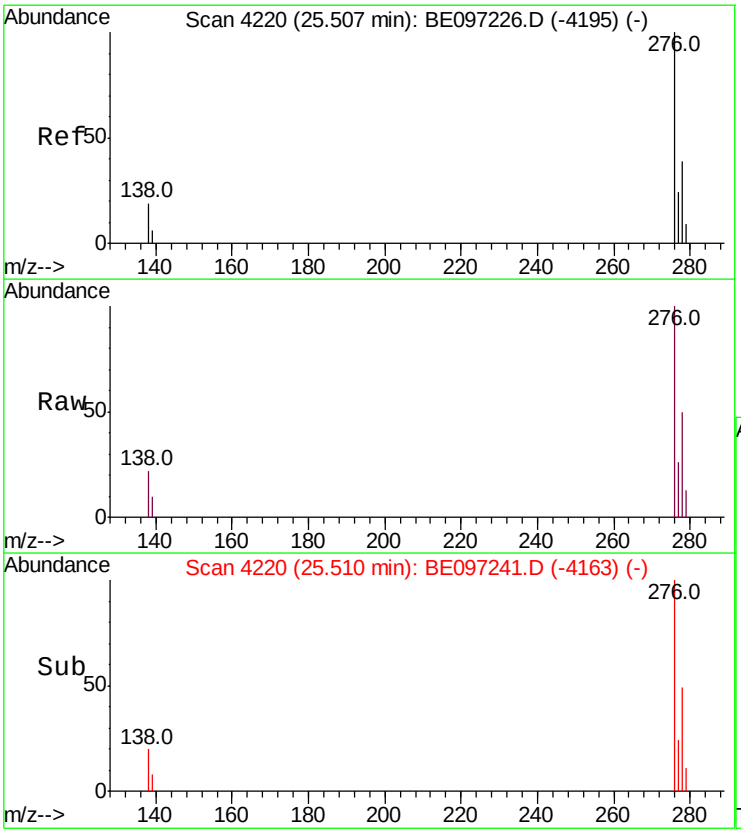
#23
Benzo(a)pyrene
Concen: 0.396 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9251

Ion	Ratio	Lower	Upper
252	100		
253	23.9	28.5	42.7#
125	11.7	18.1	27.1#

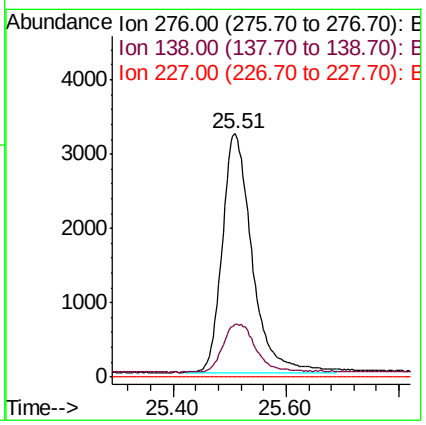


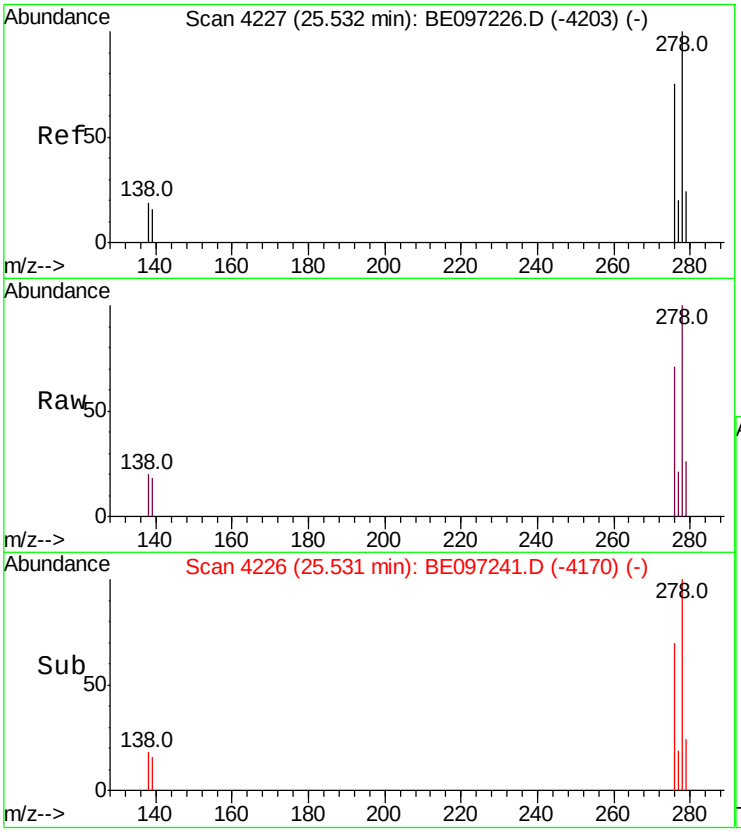


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng/ul
RT: 25.51 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Tgt Ion:276 Resp: 11704

Ion	Ratio	Lower	Upper
276	100		
138	22.4	28.0	42.0#
227	0.0	8.0	12.0#



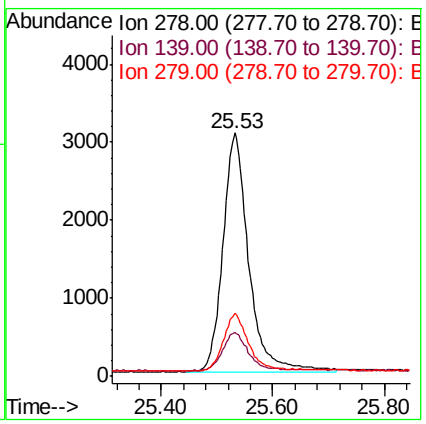


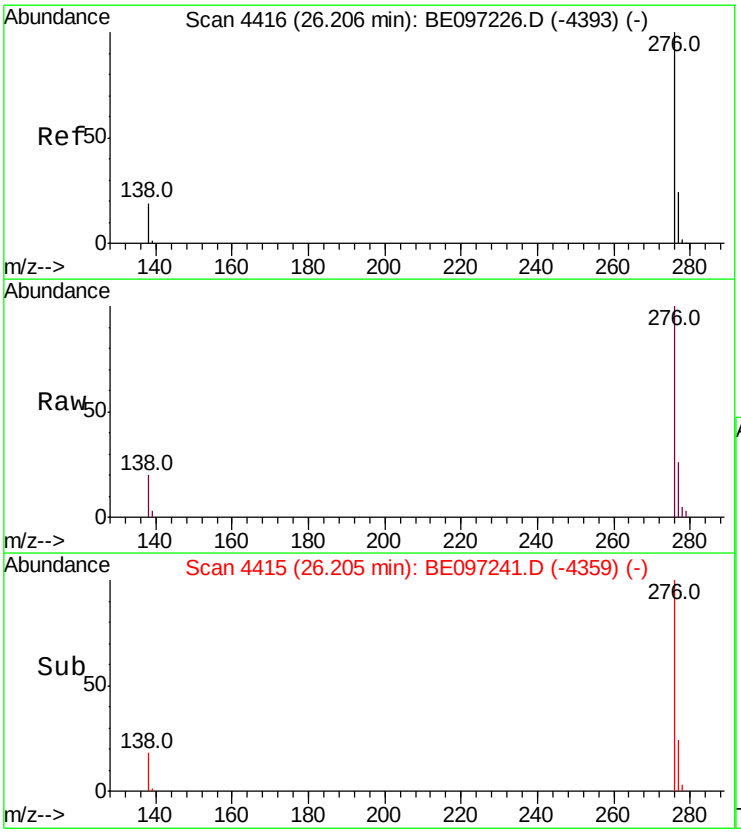
#25
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 25.53 min Scan# 4226
Delta R.T. -0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 9792

Ion	Ratio	Lower	Upper
278	100		
139	18.1	17.4	26.0
279	25.8	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.389 ng/ul
RT: 26.21 min Scan# 4415
Delta R.T. -0.00 min
Lab File: BE097241.D
Acq: 8 Aug 2018 18:51

Tgt Ion:276 Resp: 9843

Ion	Ratio	Lower	Upper
276	100		
138	20.4	21.8	32.8#
277	25.7	20.5	30.7