Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
Data File : BE097131.D
Acq On : 1 Aug 2018 15:35
Operator : SJ/JU
Sample : SSTD3.278
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 01 16:12:39 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 01 14:22:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1583	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7907	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4670	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	12126	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	15474	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	13629	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	37361	2.88	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	115998	3.84	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	54405	2.846	ng/ul#	91
5) 2-Methylnaphthalene	11.80	142	37604	2.889	ng/ul	98
7) Acenaphthylene	13.73	152	57593	3.009	ng/ul	95
8) Acenaphthene	14.08	153	41501	2.626	ng/ul	94
9) Fluorene	15.08	166	48671	2.985	ng/ul#	93
11) Pentachlorophenol	16.43	266	6202	7.814	ng/ul	97
12) Phenanthrene	16.81	178	87097	2.786	ng/ul#	89
13) Anthracene	16.90	178	86057	3.241	ng/ul#	92
15) Fluoranthene	18.84	202	114363	3.434	ng/ul	84
17) Pyrene	19.20	202	113567	2.236	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	121869	3.339	ng/ul#	84
19) Chrysene	21.01	228	123318	2.608	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	112182	3.016	ng/ul	81
22) Benzo(k)fluoranthene	22.58	252	115917	2.854	ng/ul#	83
23) Benzo(a)pyrene	23.11	252	107763	3.425	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.50	276	135831	4.159	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.52	278	112153	4.323	ng/ul#	84
26) Benzo(g,h,i)perylene	26.19	276	116449	3.673	ng/ul#	90

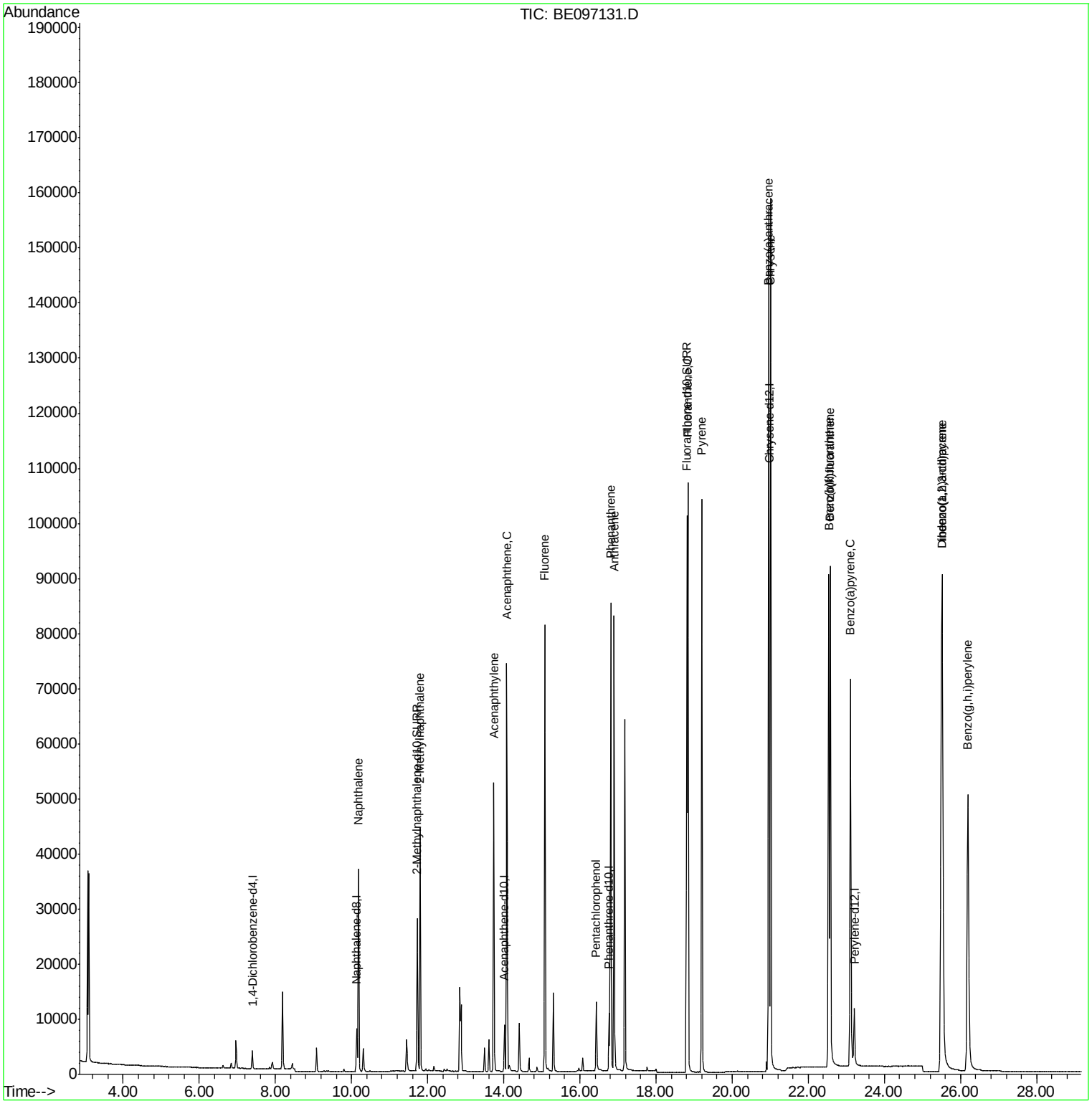
(#) = qualifier out of range (m) = manual integration (+) = signals summed

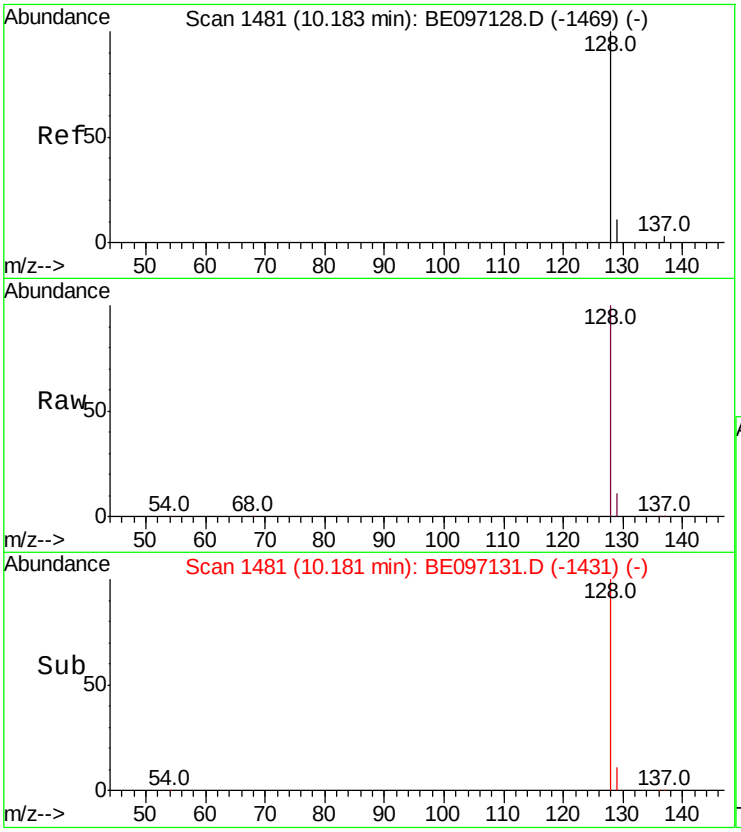
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
Data File : BE097131.D
Acq On : 1 Aug 2018 15:35
Operator : SJ/JU
Sample : SSTD3.278
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 01 16:12:39 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 01 14:22:12 2018
Response via : Initial Calibration



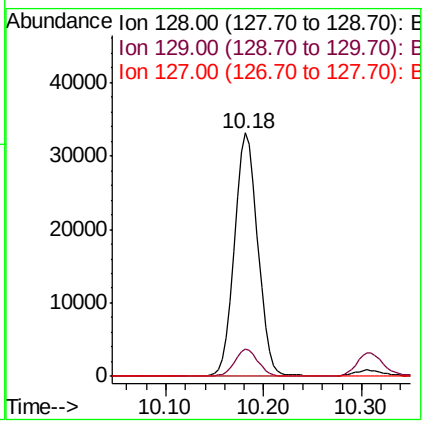


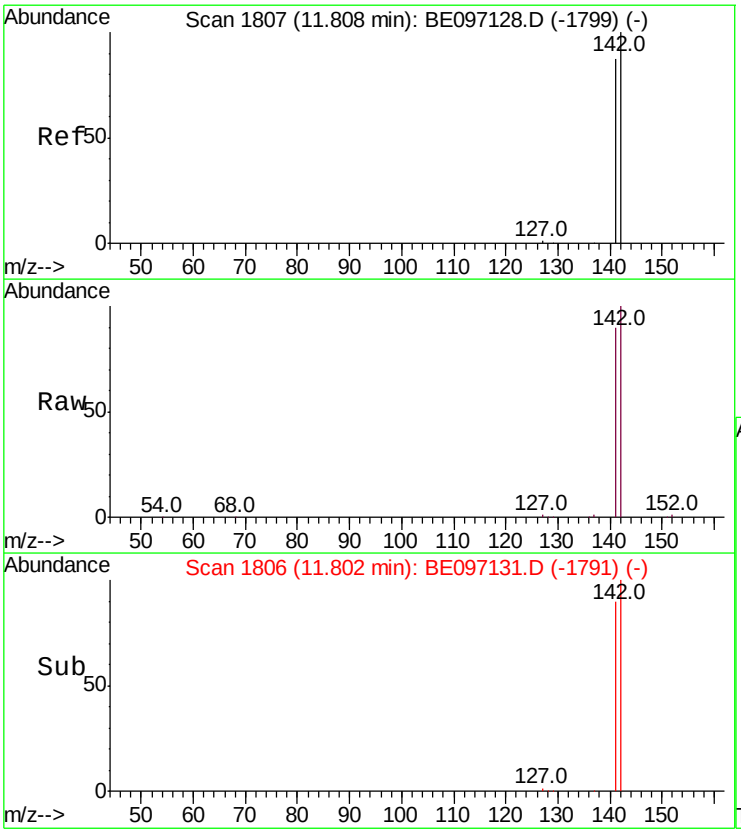
#3
Naphthalene
Concen: 2.846 ng/ul
RT: 10.18 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 54405

Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.3	16.9#
127	0.0	4.0	6.0#

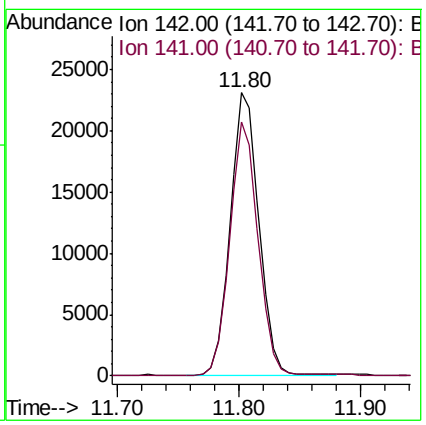


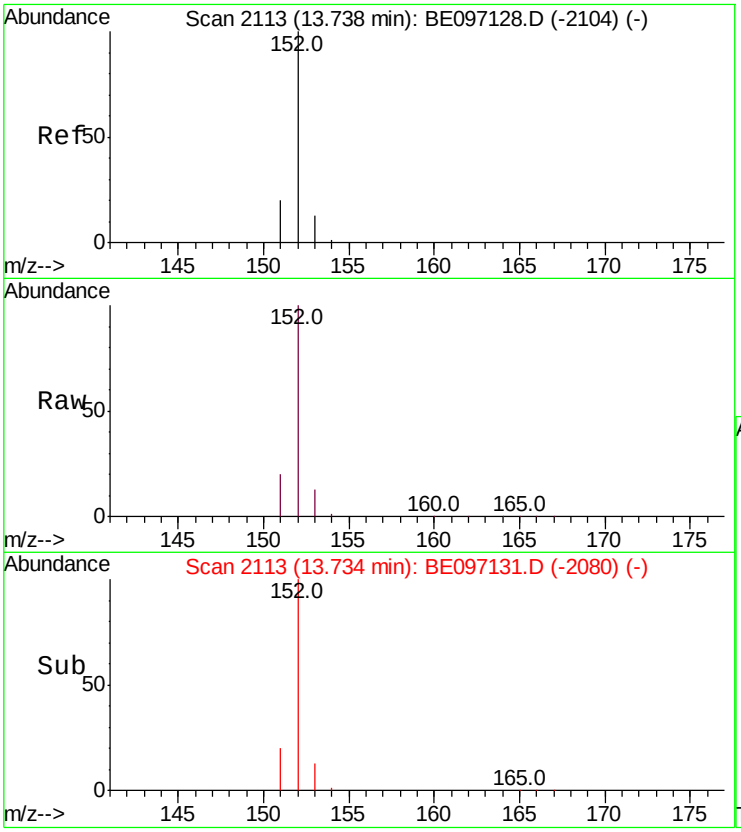


#5
2-Methylnaphthalene
Concen: 2.889 ng/ul
RT: 11.80 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Tgt Ion:142 Resp: 37604

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	108.8



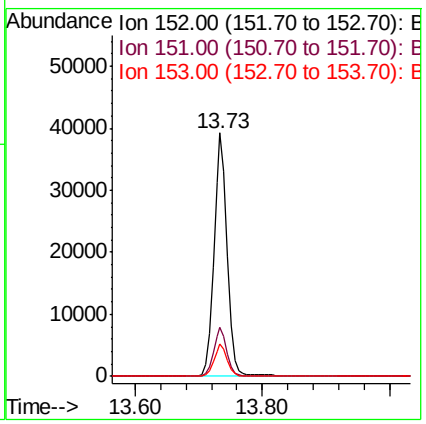


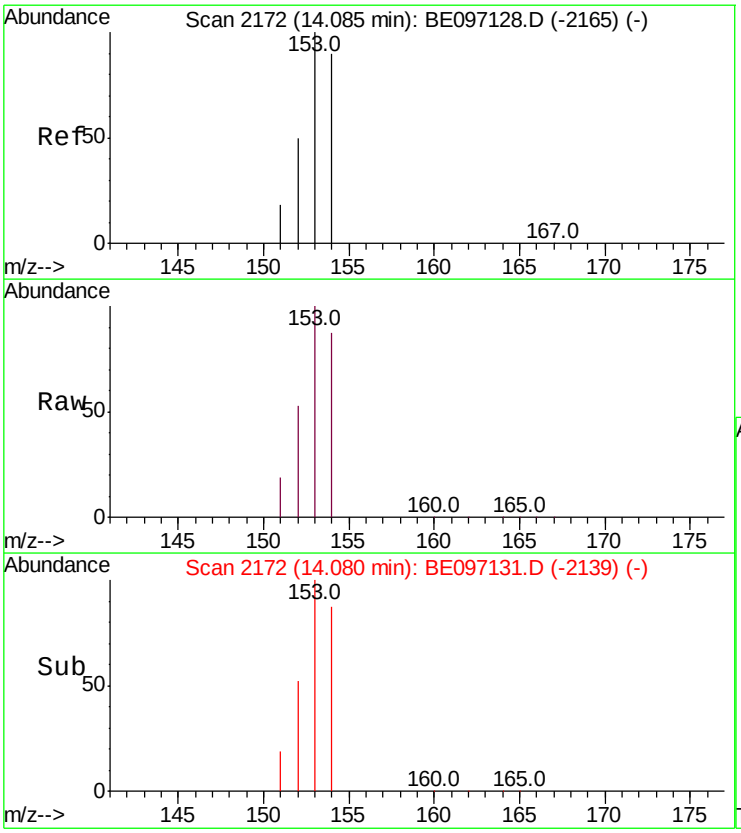
#7
Acenaphthylene
Concen: 3.009 ng/ul
RT: 13.73 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 57593

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.1	25.7
153	13.1	12.8	19.2

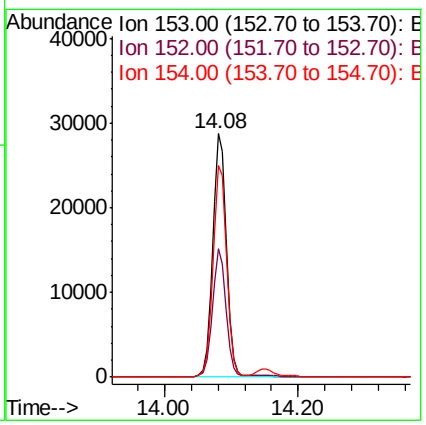


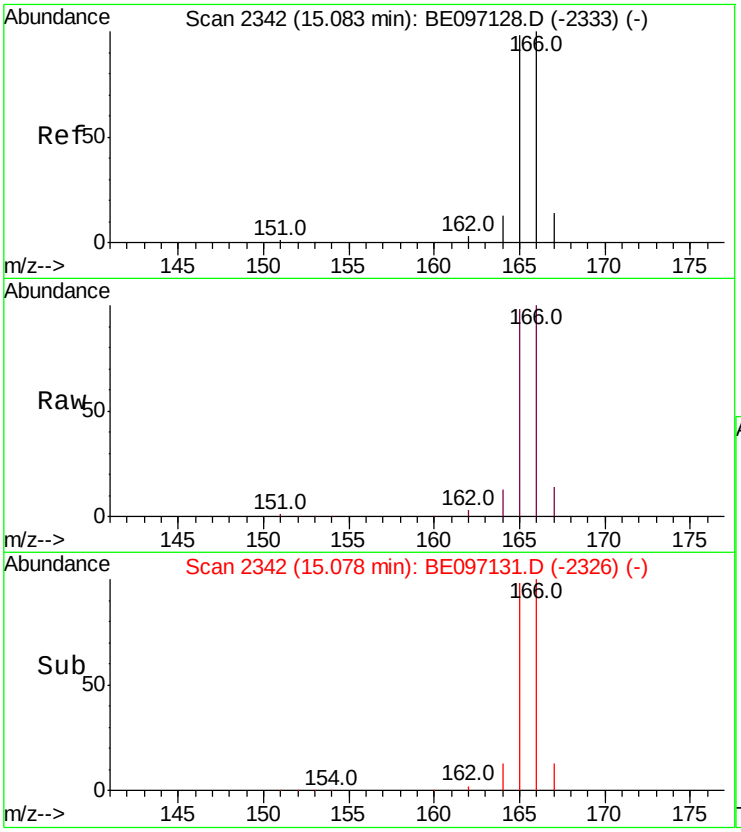


#8
Acenaphthene
Concen: 2.626 ng/ul
RT: 14.08 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Tgt Ion:153 Resp: 41501

Ion	Ratio	Lower	Upper
153	100		
152	52.6	36.0	54.0
154	86.9	72.0	108.0



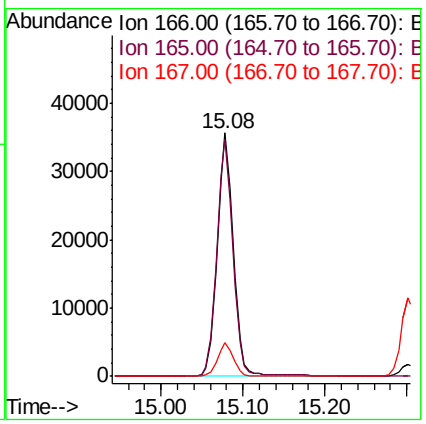


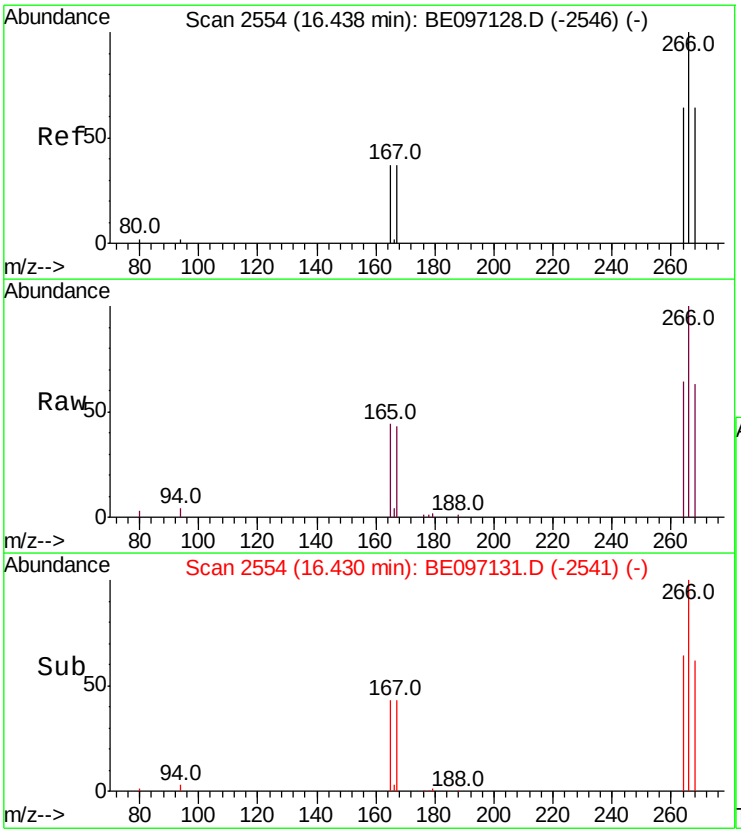
#9
Fluorene
Concen: 2.985 ng/ul
RT: 15.08 min Scan# 2342
Delta R.T. -0.00 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 48671

Ion	Ratio	Lower	Upper
166	100		
165	97.7	73.4	110.2
167	13.6	14.6	22.0#

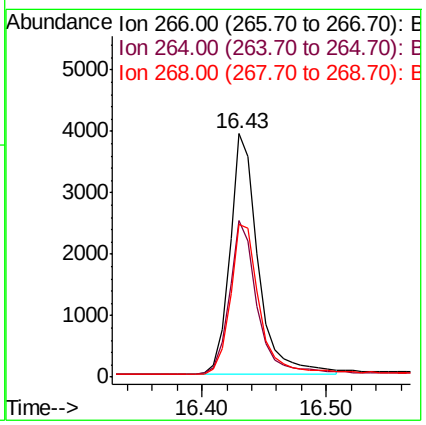


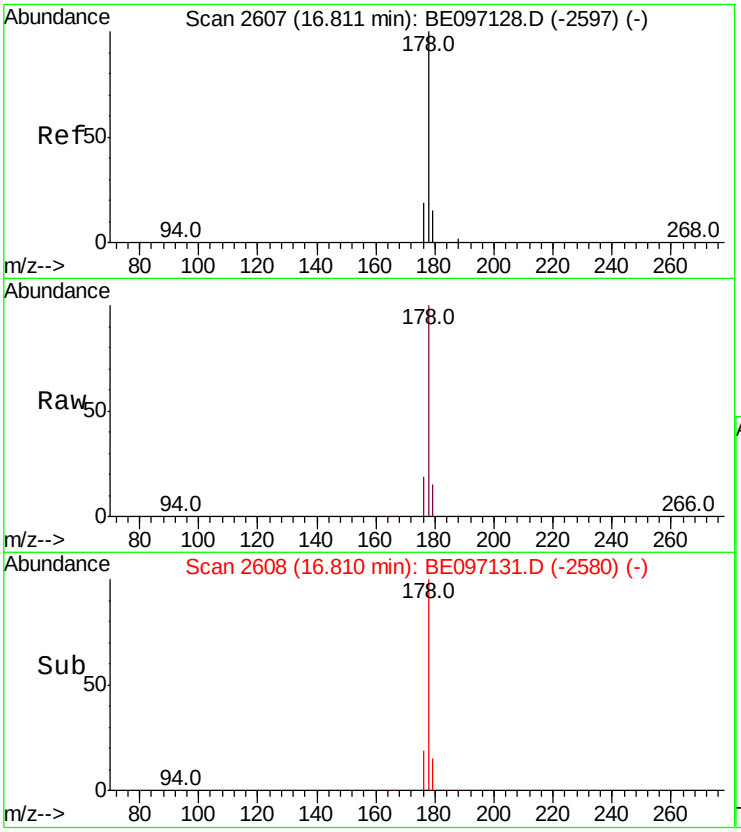


#11
Pentachlorophenol
Concen: 7.814 ng/ul
RT: 16.43 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Tgt Ion:266 Resp: 6202

Ion	Ratio	Lower	Upper
266	100		
264	63.2	47.9	71.9
268	64.0	49.8	74.8



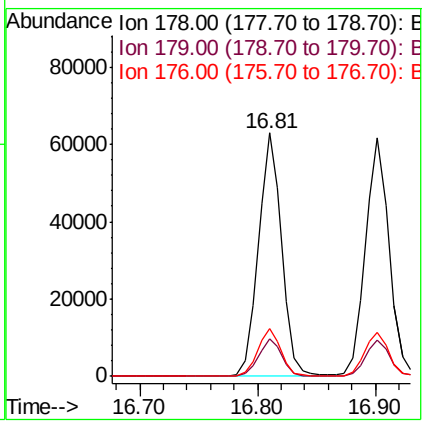


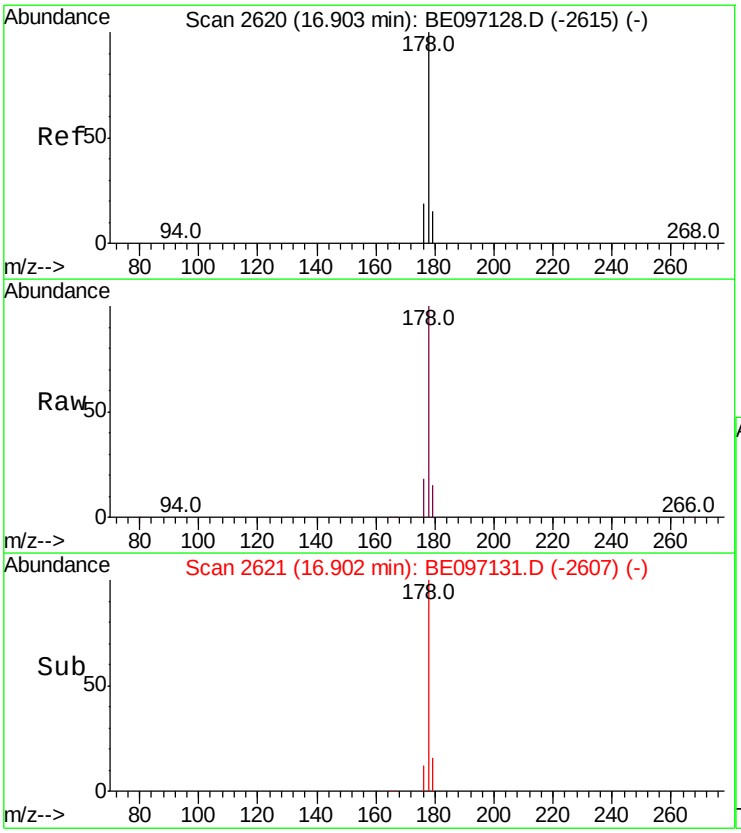
#12
Phenanthrene
Concen: 2.786 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 87097

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	19.4	13.6	20.4

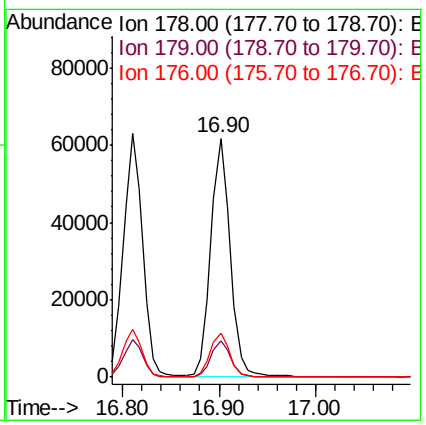


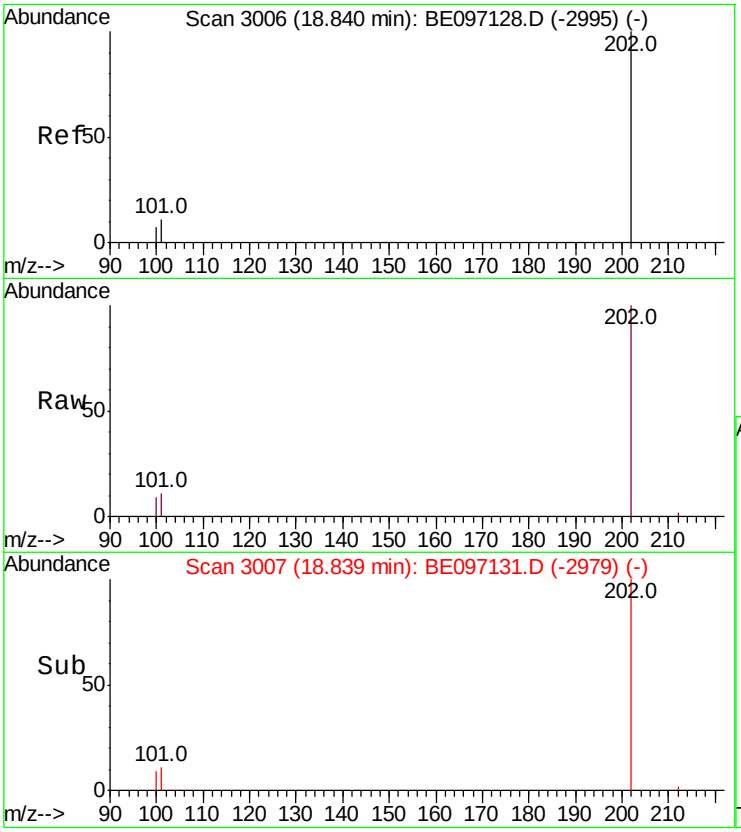


#13
Anthracene
Concen: 3.241 ng/ul
RT: 16.90 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Tgt Ion:178 Resp: 86057

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	18.4	14.7	22.1



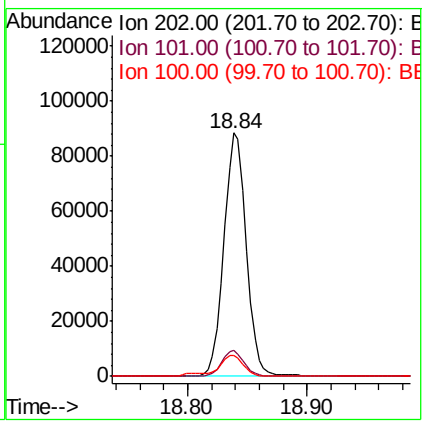


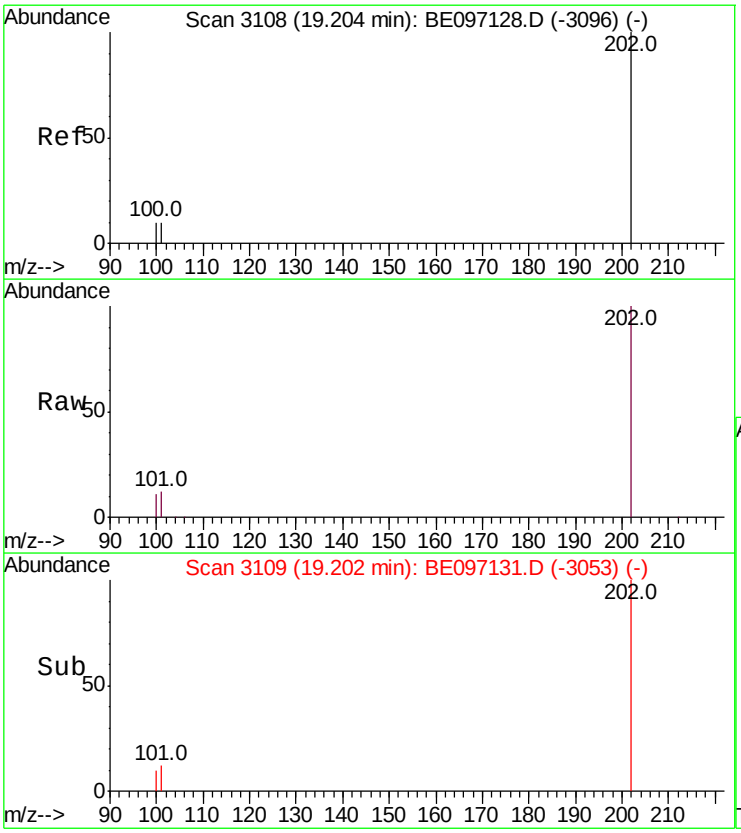
#15
Fluoranthene
Concen: 3.434 ng/ul
RT: 18.84 min Scan# 3007
Delta R.T. -0.00 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 114363

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
100	8.6	0.0	39.5

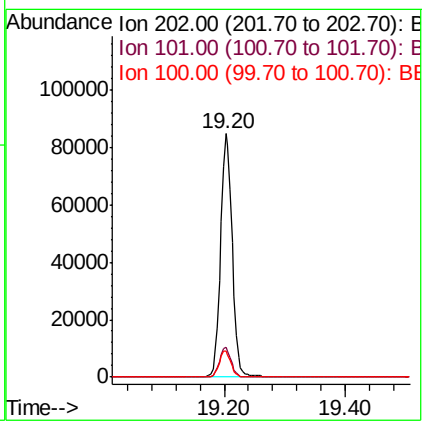


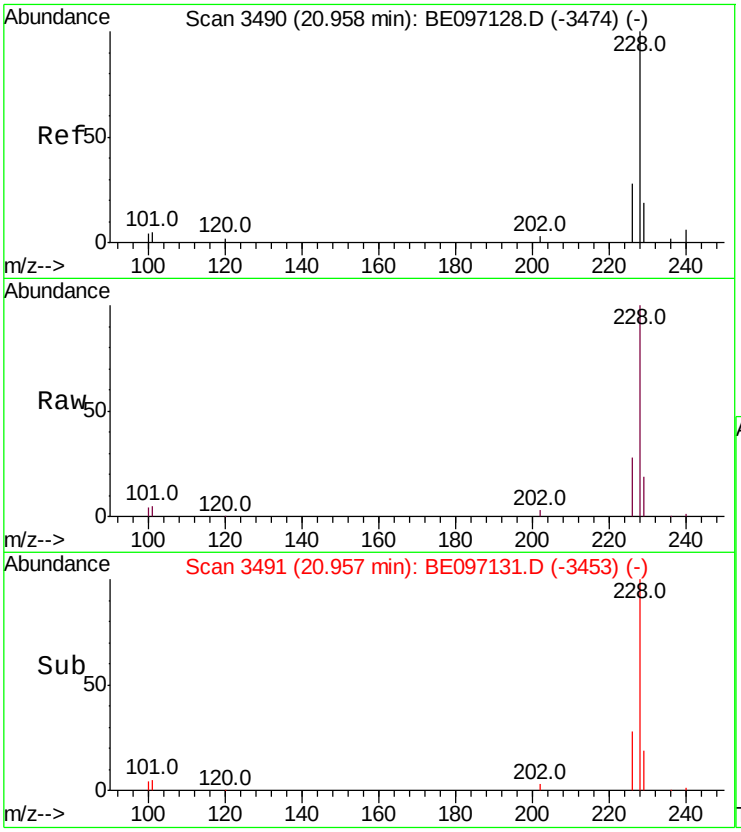


#17
Pyrene
Concen: 2.236 ng/ul
RT: 19.20 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Tgt Ion:202 Resp: 113567

Ion	Ratio	Lower	Upper
202	100		
101	12.2	18.2	27.4#
100	10.5	15.6	23.4#



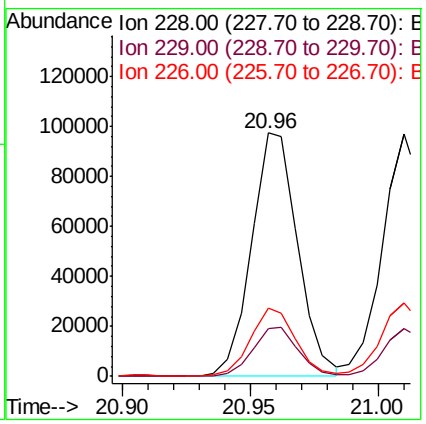


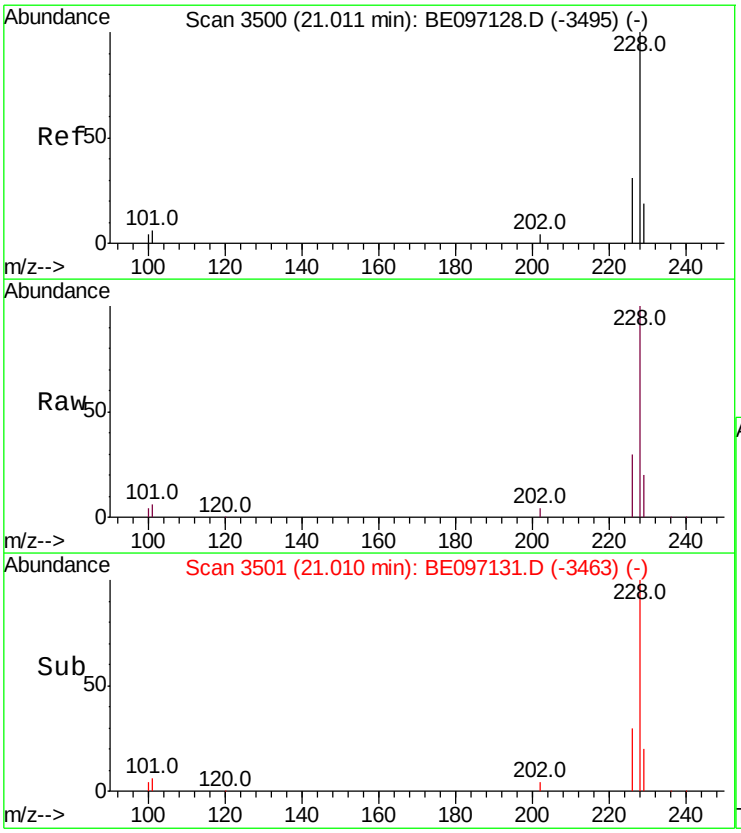
#18
Benzo(a)anthracene
Concen: 3.339 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 121869

Ion	Ratio	Lower	Upper
228	100		
229	19.5	22.8	34.2#
226	28.0	17.0	25.6#

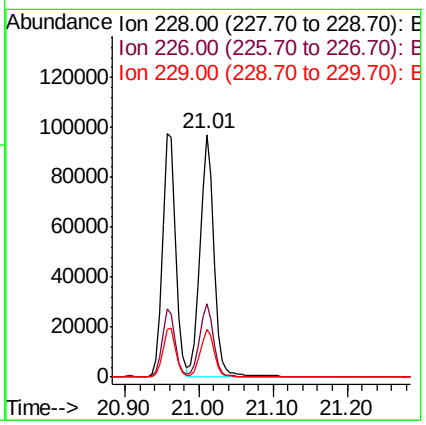


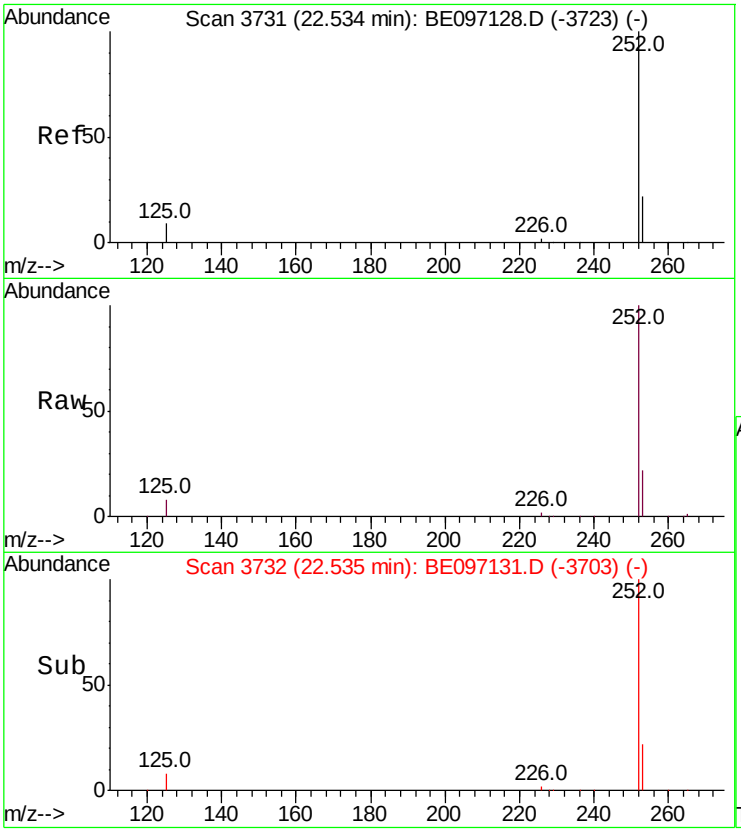


#19
Chrysene
Concen: 2.608 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Tgt Ion:228 Resp: 123318

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	19.6	17.7	26.5



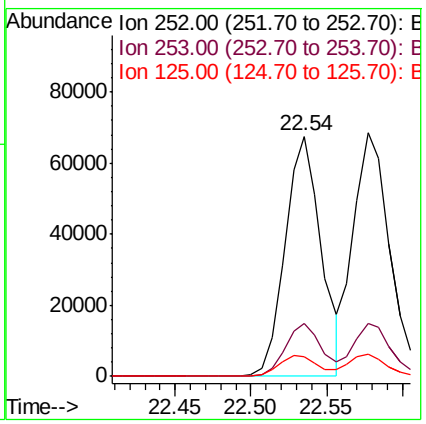


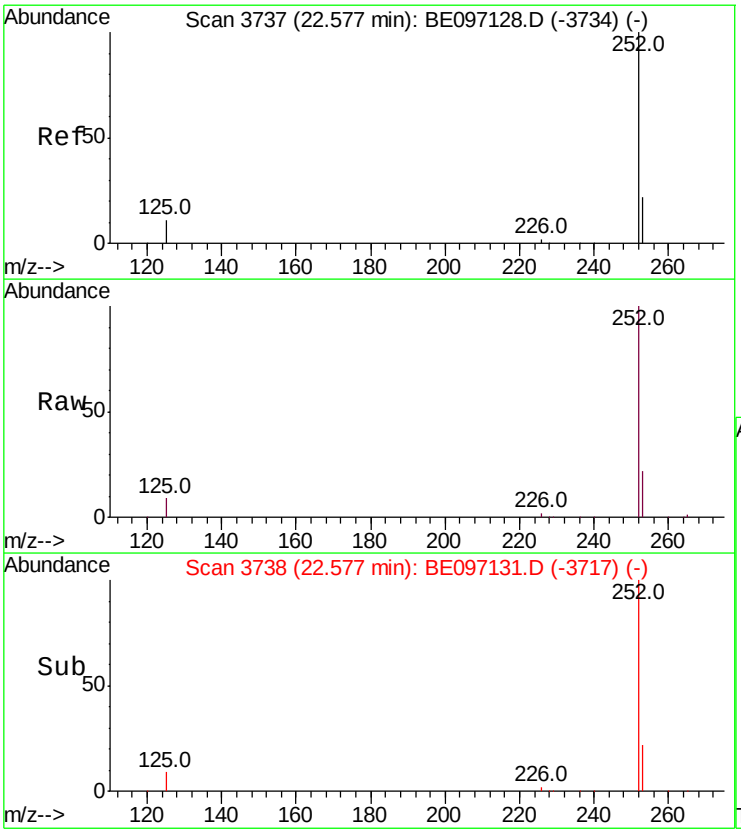
#21
Benzo(b)fluoranthene
Concen: 3.016 ng/ul
RT: 22.54 min Scan# 3732
Delta R.T. 0.00 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 112182

Ion	Ratio	Lower	Upper
252	100		
253	22.0	0.0	64.2
125	8.4	0.0	35.0

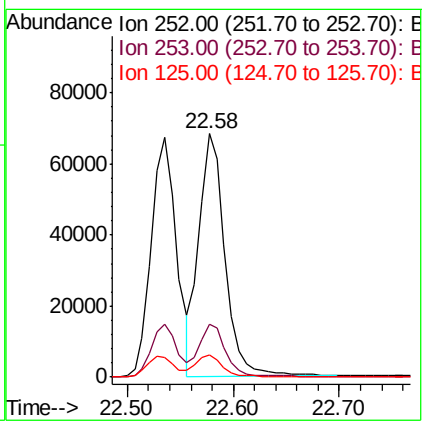


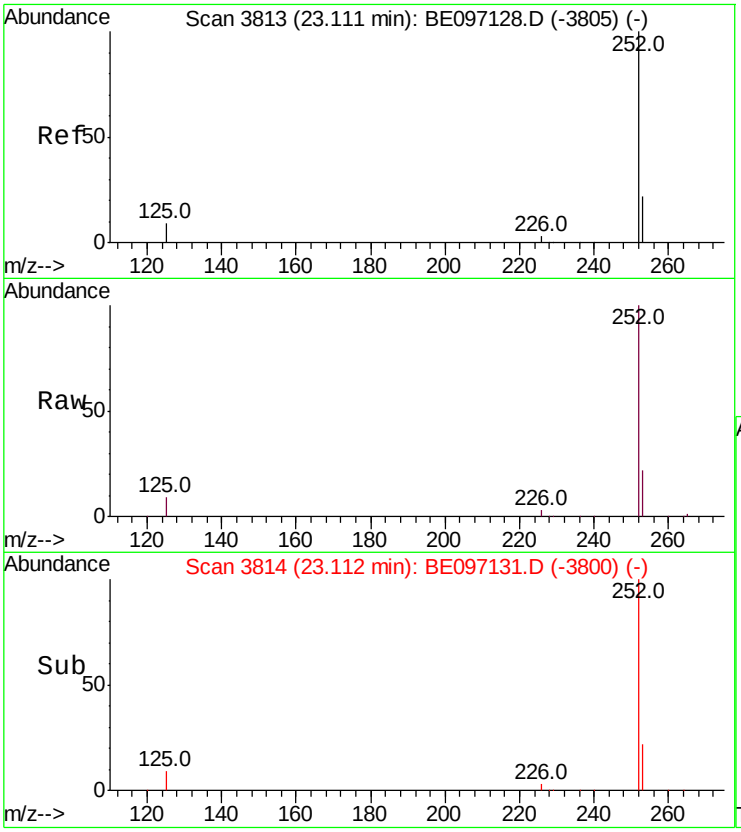


#22
Benzo(k)fluoranthene
Concen: 2.854 ng/ul
RT: 22.58 min Scan# 3738
Delta R.T. 0.00 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Tgt Ion:252 Resp: 115917

Ion	Ratio	Lower	Upper
252	100		
253	21.9	24.5	36.7#
125	9.0	13.7	20.5#



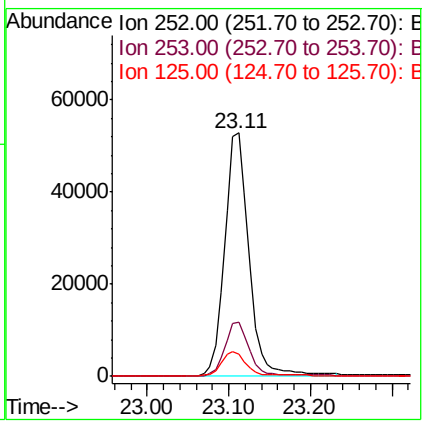


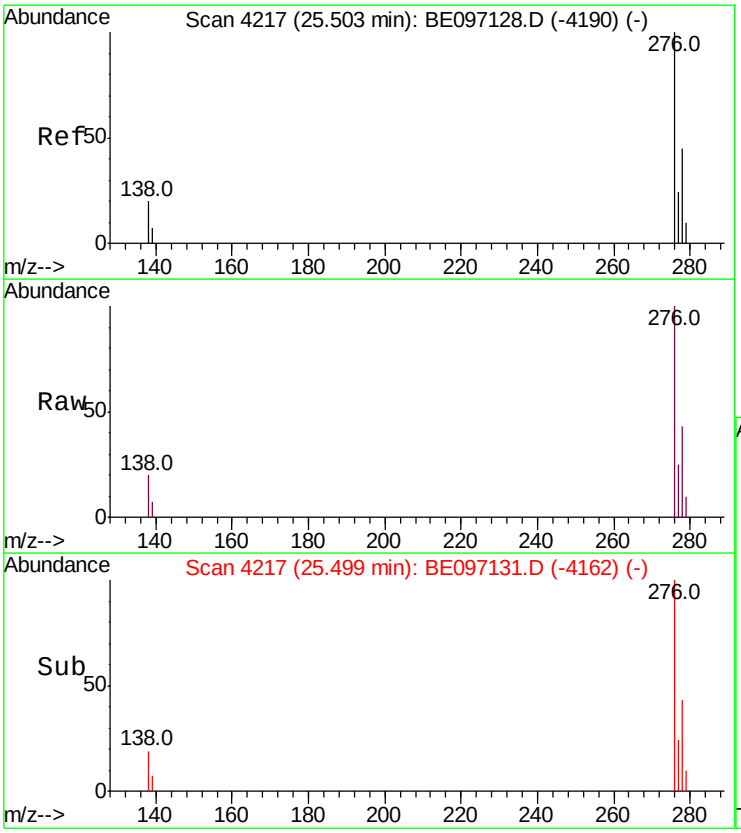
#23
Benzo(a)pyrene
Concen: 3.425 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 107763

Ion	Ratio	Lower	Upper
252	100		
253	22.1	28.5	42.7#
125	9.0	18.1	27.1#

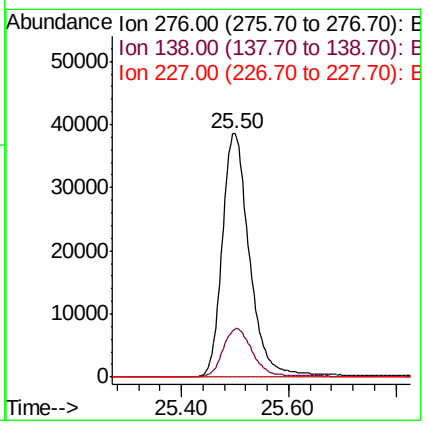


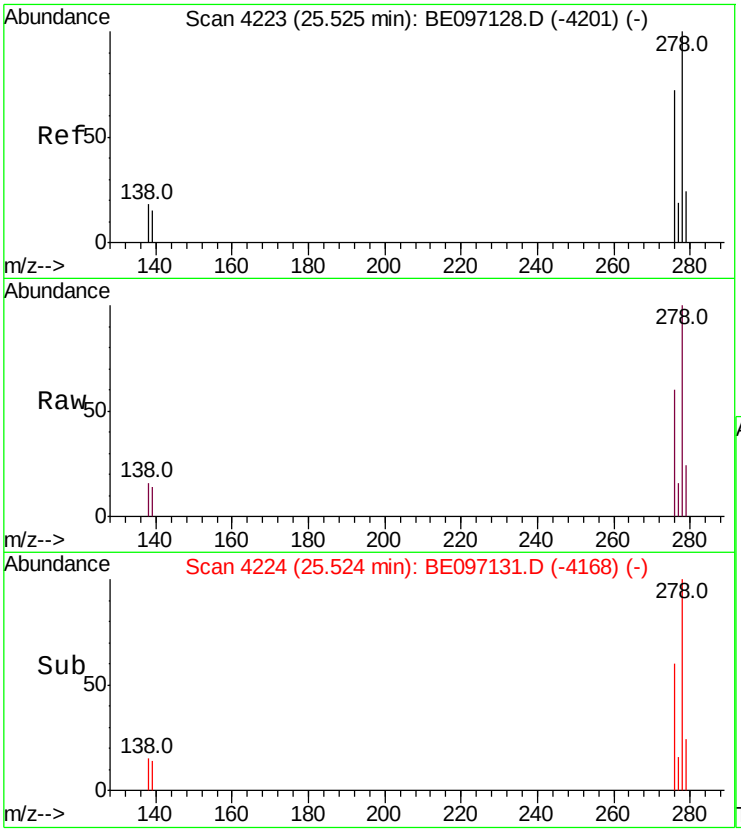


#24
Indeno(1,2,3-cd)pyrene
Concen: 4.159 ng/ul
RT: 25.50 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Tgt Ion:276 Resp: 135831

Ion	Ratio	Lower	Upper
276	100		
138	21.4	28.0	42.0#
227	0.0	8.0	12.0#



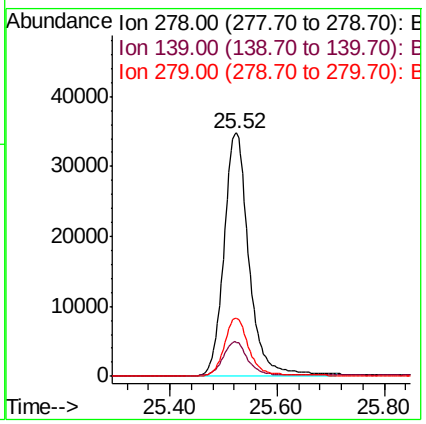


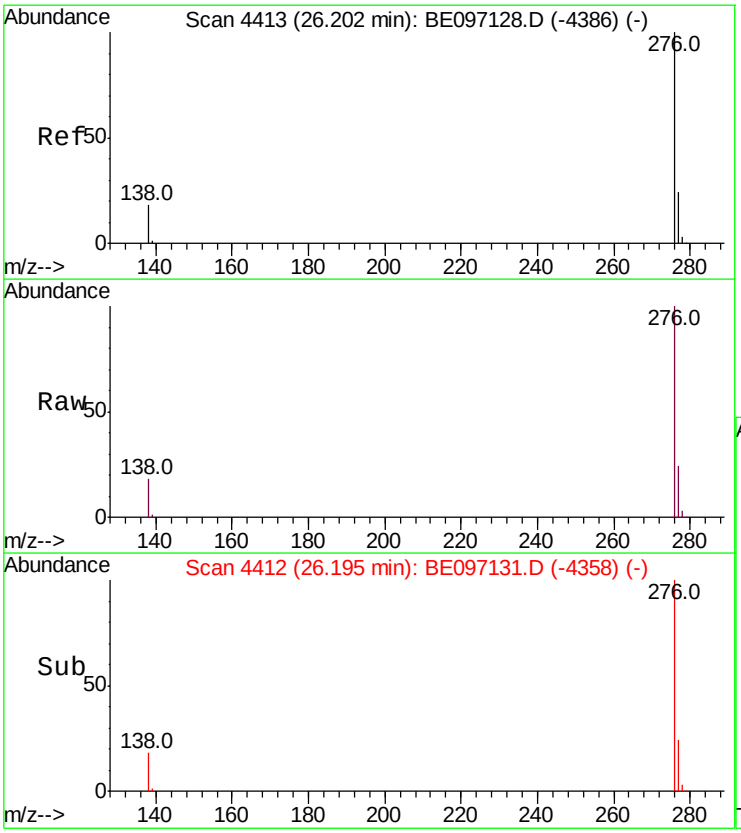
#25
Dibenzo(a,h)anthracene
Concen: 4.323 ng/ul
RT: 25.52 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 112153

Ion	Ratio	Lower	Upper
278	100		
139	14.1	17.4	26.0#
279	23.7	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 3.673 ng/ul
RT: 26.19 min Scan# 4412
Delta R.T. -0.01 min
Lab File: BE097131.D
Acq: 1 Aug 2018 15:35

Tgt Ion:276 Resp: 116449

Ion	Ratio	Lower	Upper
276	100		
138	18.5	21.8	32.8#
277	23.9	20.5	30.7