Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
Data File : BE097126.D
Acq On : 1 Aug 2018 12:27
Operator : SJ/JU
Sample : SSTD0.173
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 01 14:22:17 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	1485	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	6770	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3765	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10415	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	14422	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	15307	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	1065	0.10	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	3744	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	1683	0.103	ng/ul#	93
5) 2-Methylnaphthalene	11.81	142	1075	0.096	ng/ul	100
7) Acenaphthylene	13.73	152	1633	0.106	ng/ul	96
8) Acenaphthene	14.08	153	1171	0.092	ng/ul#	90
9) Fluorene	15.08	166	1371	0.104	ng/ul	97
11) Pentachlorophenol	16.44	266	185	0.271	ng/ul	93
12) Phenanthrene	16.81	178	2709	0.101	ng/ul#	91
13) Anthracene	16.90	178	2447	0.107	ng/ul	93
15) Fluoranthene	18.84	202	3682	0.129	ng/ul	85
17) Pyrene	19.21	202	3913	0.083	ng/ul#	87
18) Benzo(a)anthracene	20.96	228	4210	0.124	ng/ul#	85
19) Chrysene	21.01	228	4279	0.097	ng/ul	96
21) Benzo(b)fluoranthene	22.53	252	4057	0.097	ng/ul#	25
22) Benzo(k)fluoranthene	22.58	252	4572	0.100	ng/ul#	9
23) Benzo(a)pyrene	23.11	252	4208	0.119	ng/ul#	2
24) Indeno(1,2,3-cd)pyrene	25.50	276	4899	0.134	ng/ul#	82
25) Dibenzo(a,h)anthracene	25.53	278	4040	0.139	ng/ul#	49
26) Benzo(g,h,i)perylene	26.21	276	4182	0.117	ng/ul#	79

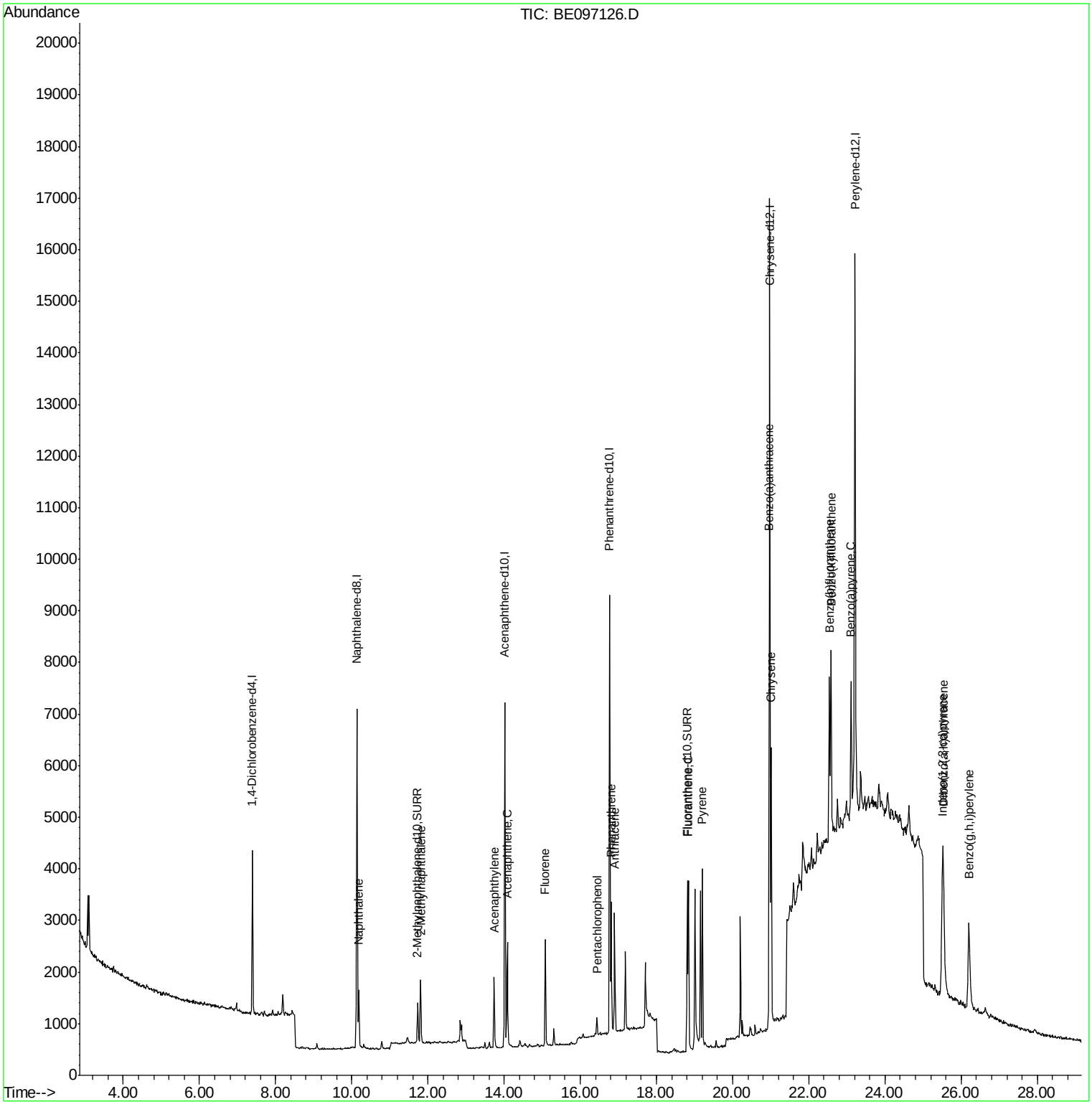
(#) = qualifier out of range (m) = manual integration (+) = signals summed

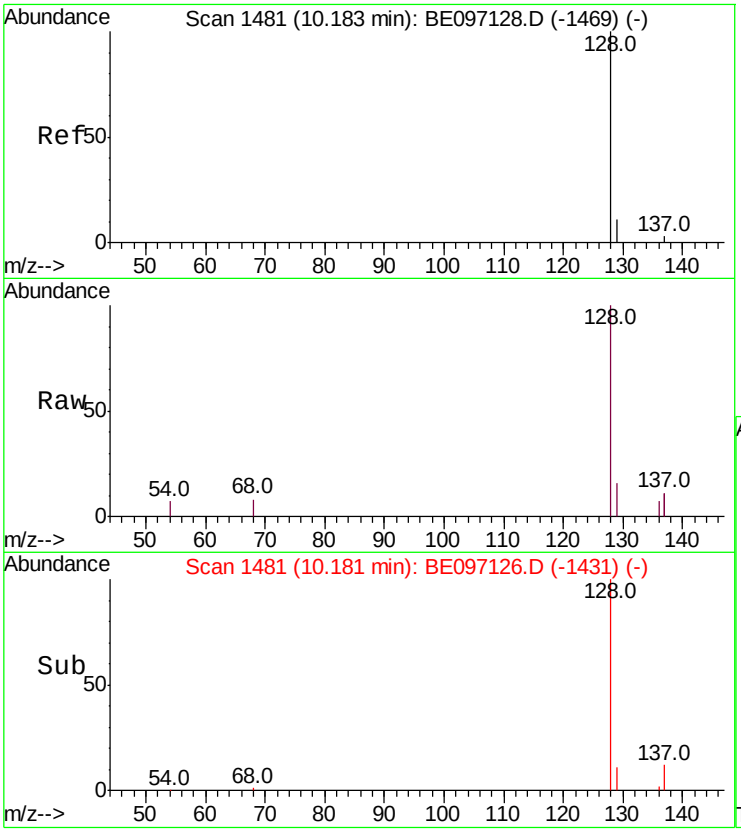
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
Data File : BE097126.D
Acq On : 1 Aug 2018 12:27
Operator : SJ/JU
Sample : SSTD0.173
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 01 14:22:17 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



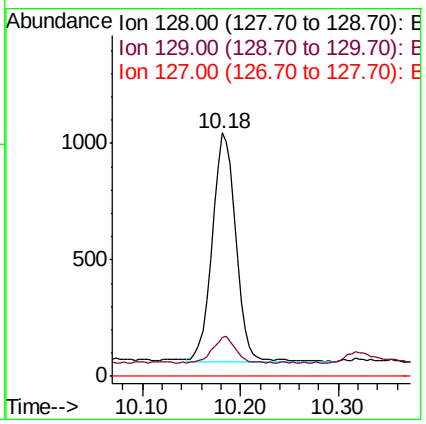


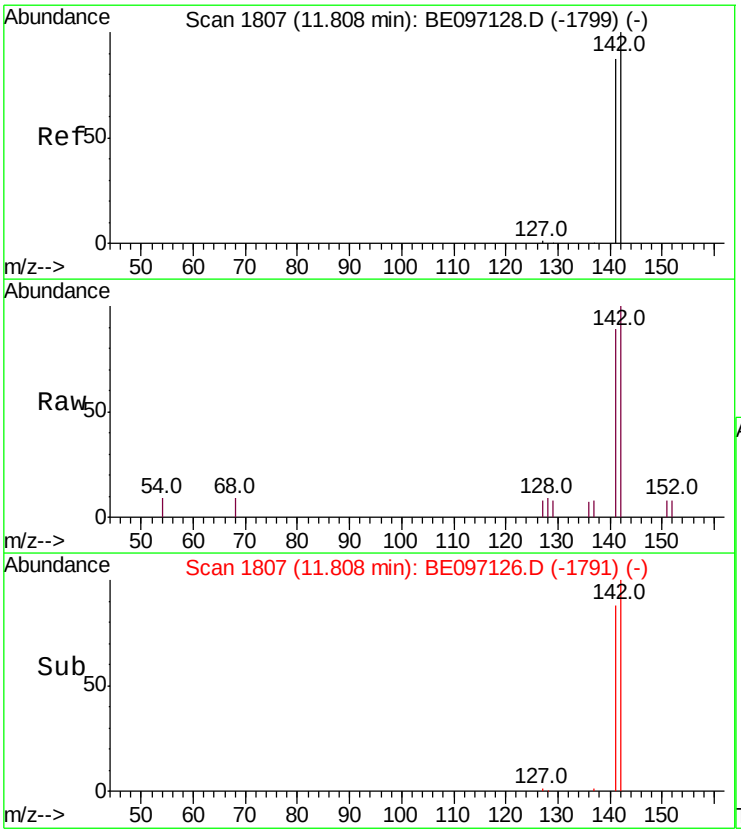
#3
Naphthalene
Concen: 0.103 ng/ul
RT: 10.18 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1683

Ion	Ratio	Lower	Upper
128	100		
129	15.9	11.3	16.9
127	0.0	4.0	6.0#

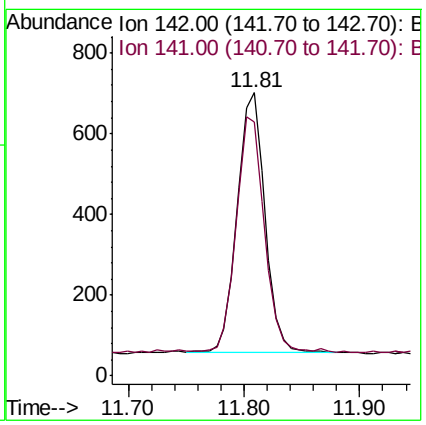


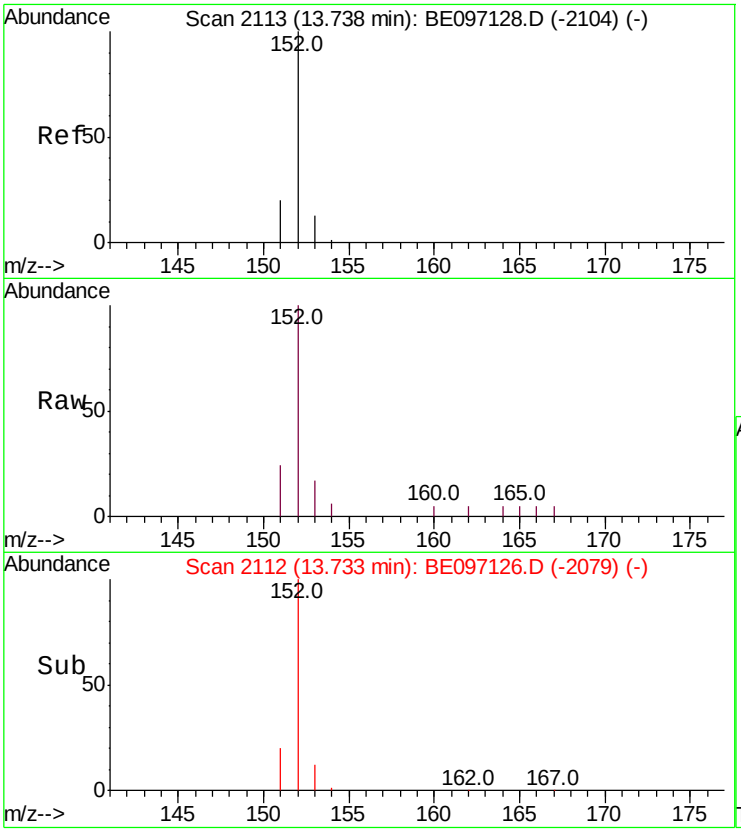


#5
2-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 11.81 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Tgt Ion:142 Resp: 1075

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.6	108.8



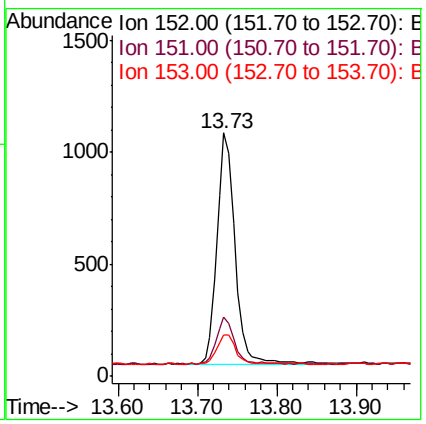


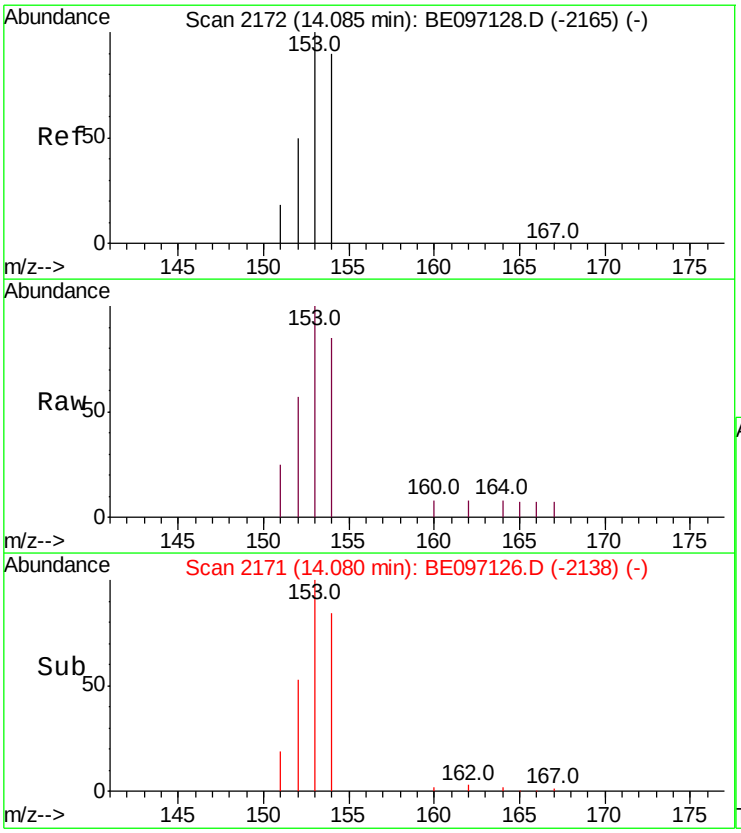
#7
Acenaphthylene
Concen: 0.106 ng/ul
RT: 13.73 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1633

Ion	Ratio	Lower	Upper
152	100		
151	24.3	17.1	25.7
153	16.8	12.8	19.2

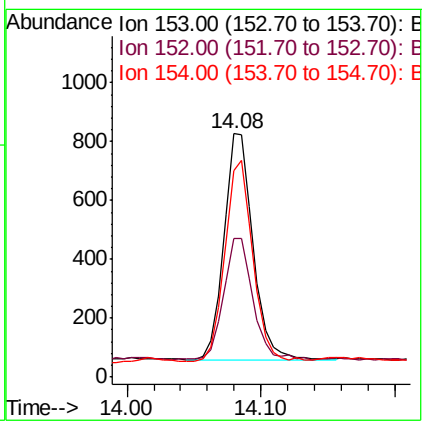


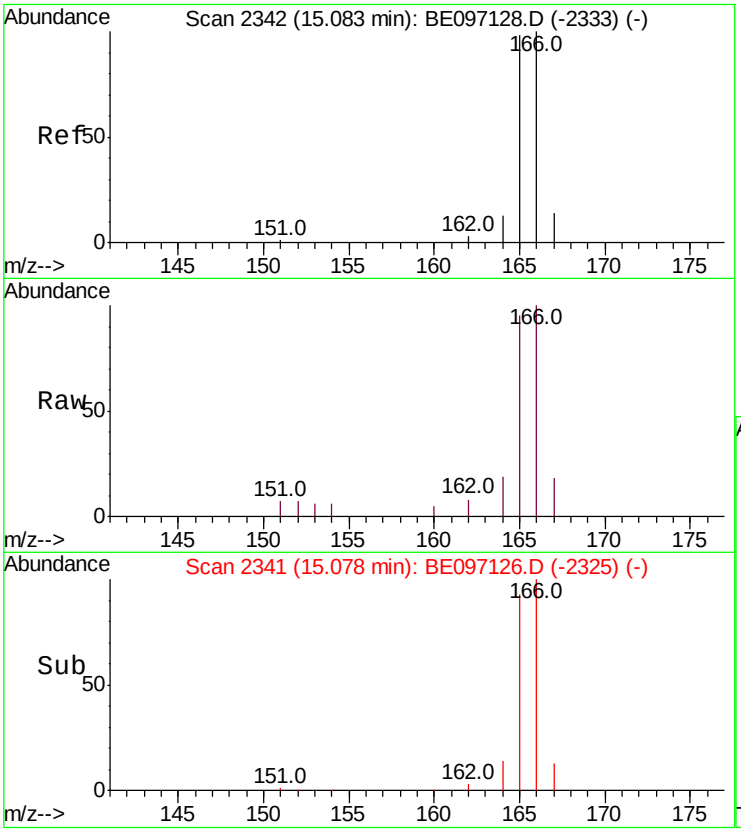


#8
Acenaphthene
Concen: 0.092 ng/ul
RT: 14.08 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Tgt Ion:153 Resp: 1171

Ion	Ratio	Lower	Upper
153	100		
152	56.7	36.0	54.0#
154	84.6	72.0	108.0



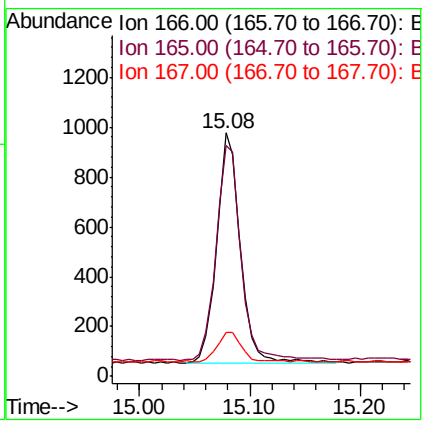


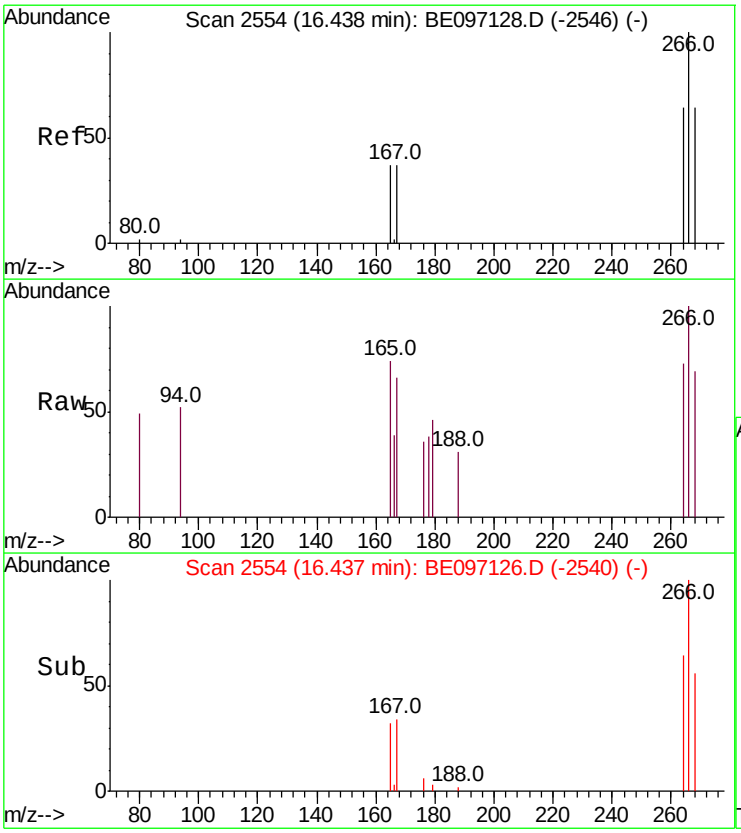
#9
Fluorene
Concen: 0.104 ng/ul
RT: 15.08 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 1371

Ion	Ratio	Lower	Upper
166	100		
165	94.8	73.4	110.2
167	18.0	14.6	22.0

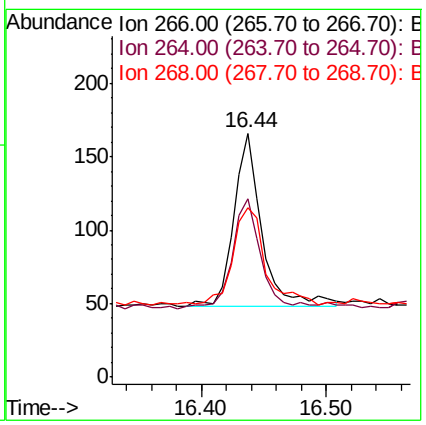


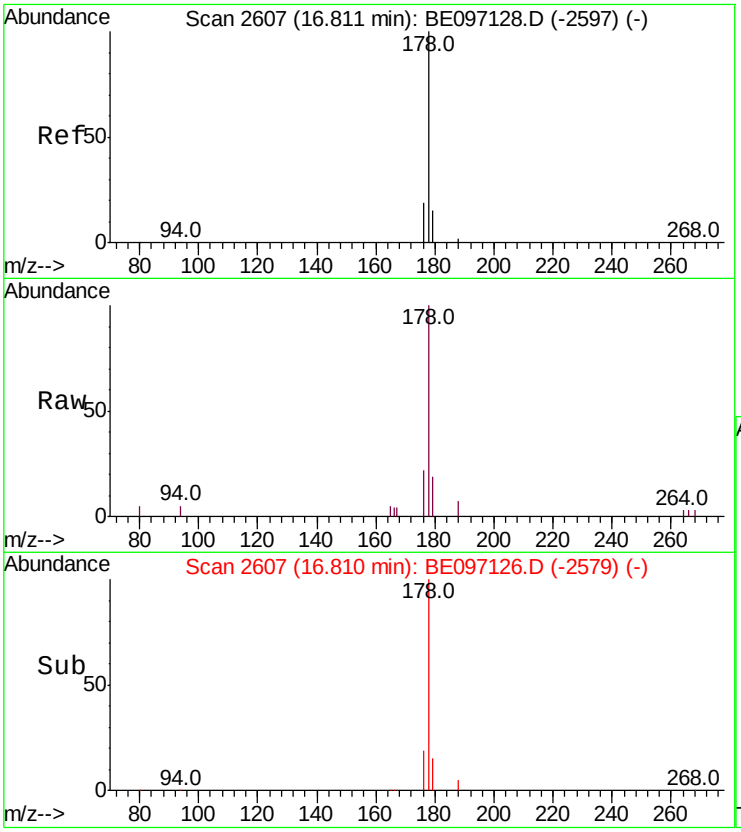


#11
Pentachlorophenol
Concen: 0.271 ng/ul
RT: 16.44 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Tgt Ion:266 Resp: 185

Ion	Ratio	Lower	Upper
266	100		
264	67.0	47.9	71.9
268	65.9	49.8	74.8



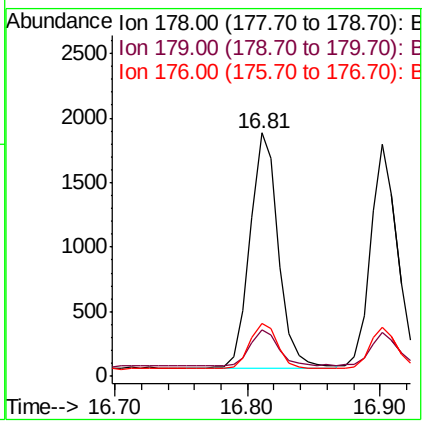


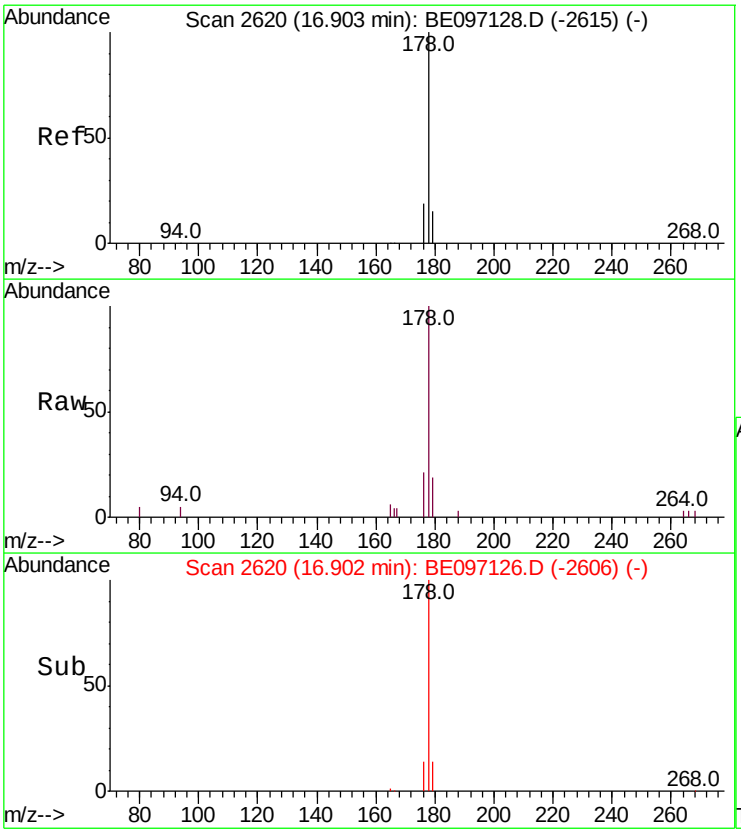
#12
Phenanthrene
Concen: 0.101 ng/ul
RT: 16.81 min Scan# 2607
Delta R.T. -0.00 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 2709

Ion	Ratio	Lower	Upper
178	100		
179	18.9	18.4	27.6
176	21.6	13.6	20.4#

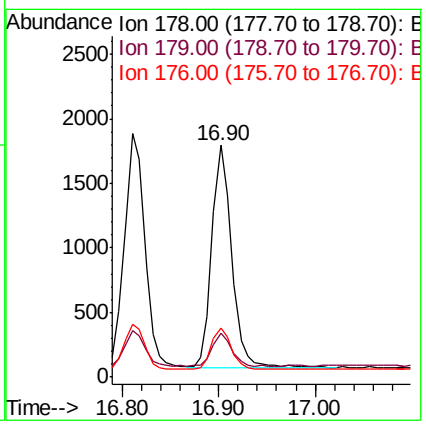


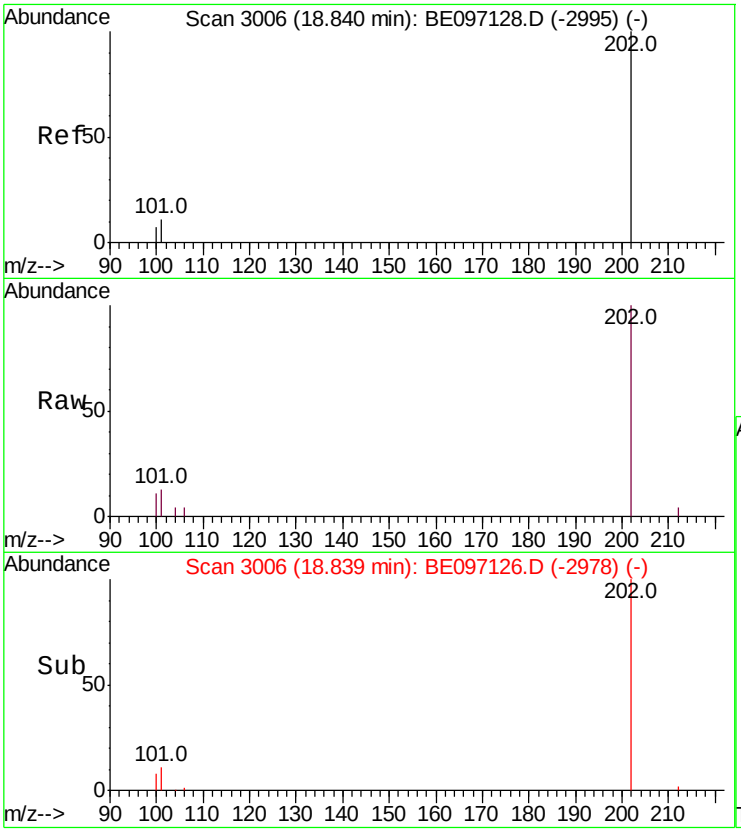


#13
Anthracene
Concen: 0.107 ng/ul
RT: 16.90 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Tgt Ion:178 Resp: 2447

Ion	Ratio	Lower	Upper
178	100		
179	18.9	18.1	27.1
176	21.4	14.7	22.1



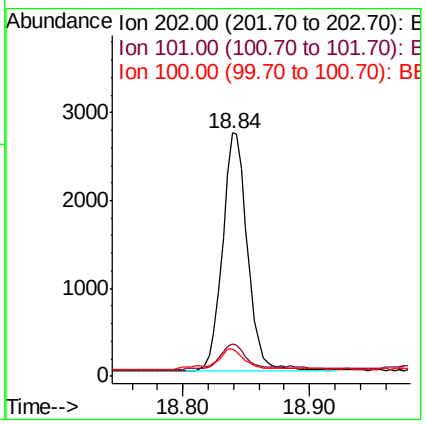


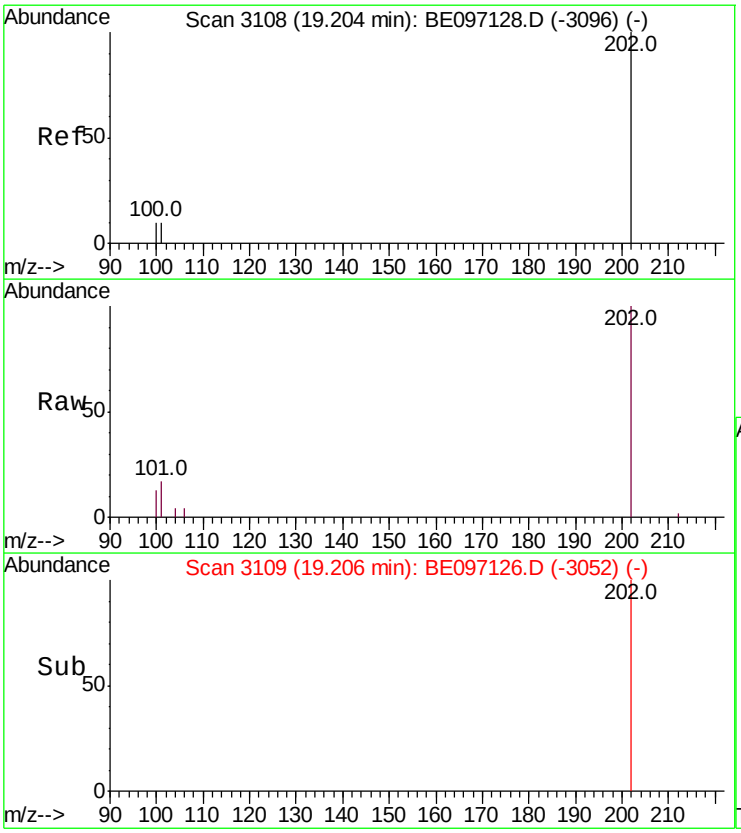
#15
Fluoranthene
Concen: 0.129 ng/ul
RT: 18.84 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 3682

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	30.3
100	11.2	0.0	39.5

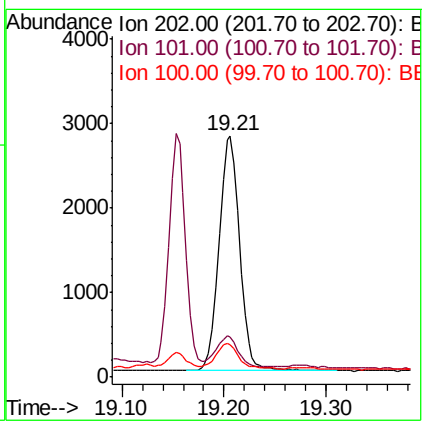


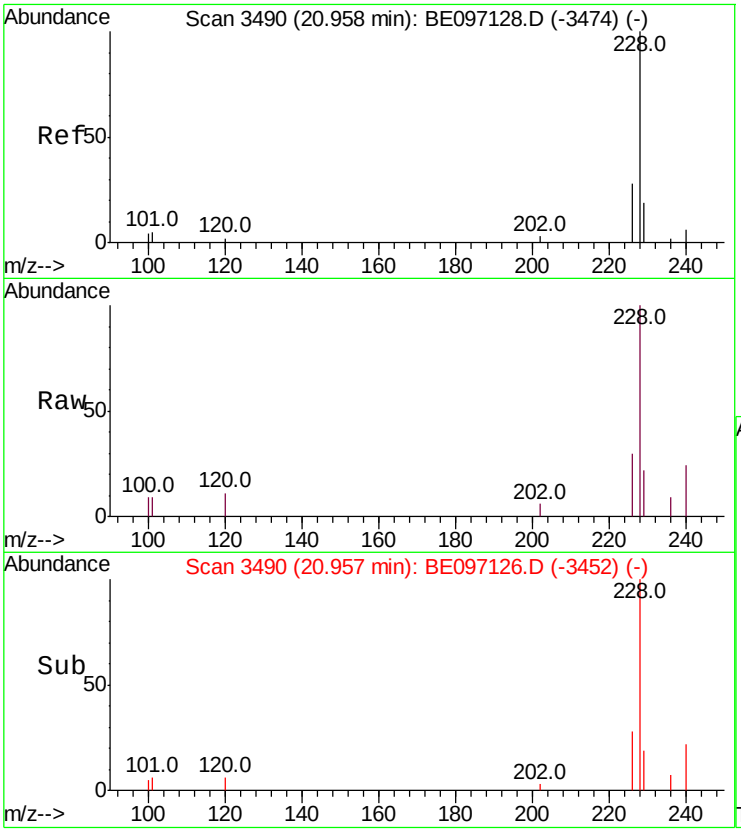


#17
Pyrene
Concen: 0.083 ng/ul
RT: 19.21 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Tgt Ion:202 Resp: 3913

Ion	Ratio	Lower	Upper
202	100		
101	16.8	18.2	27.4#
100	13.3	15.6	23.4#



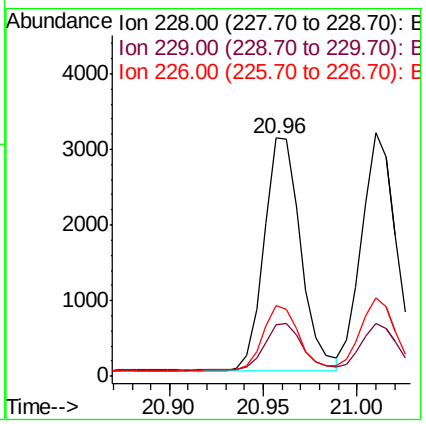


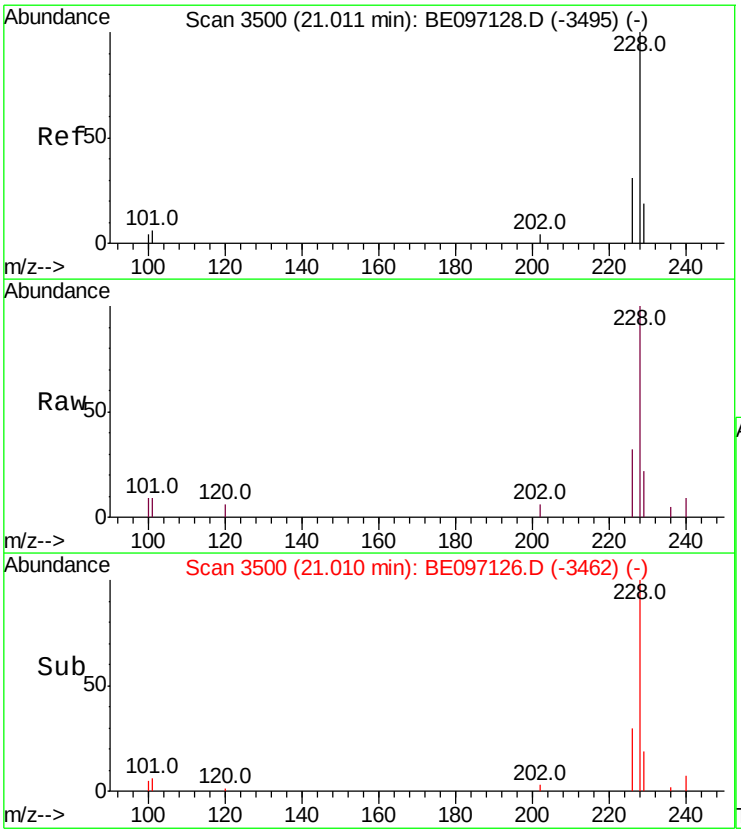
#18
Benzo(a)anthracene
Concen: 0.124 ng/ul
RT: 20.96 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4210

Ion	Ratio	Lower	Upper
228	100		
229	21.7	22.8	34.2#
226	29.6	17.0	25.6#

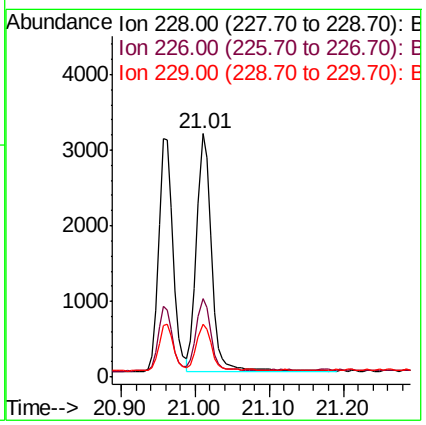


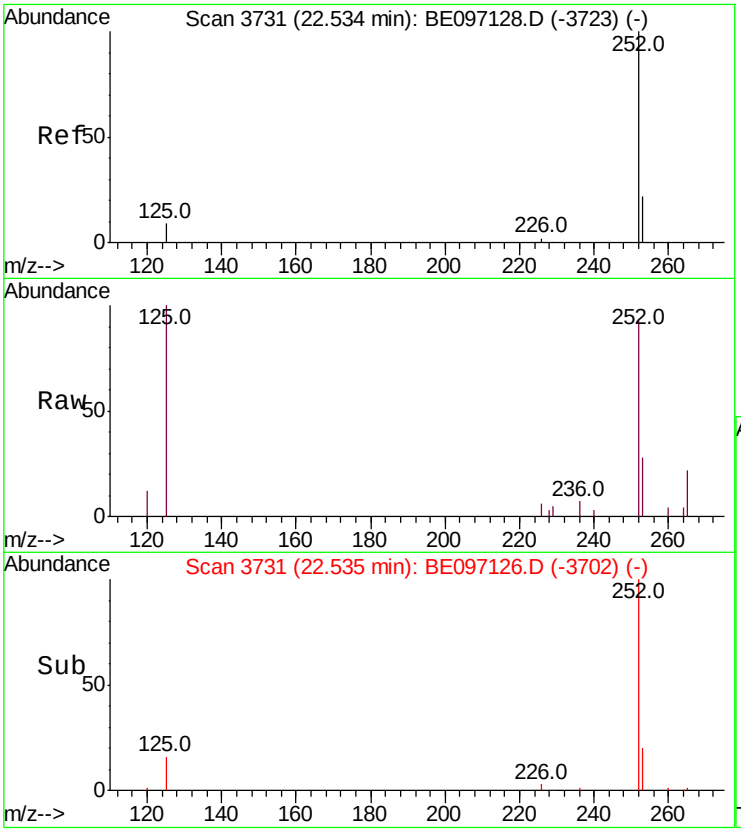


#19
Chrysene
Concen: 0.097 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Tgt Ion:228 Resp: 4279

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.4	35.0
229	21.7	17.7	26.5



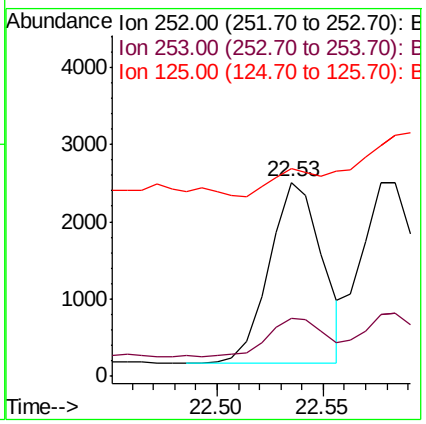


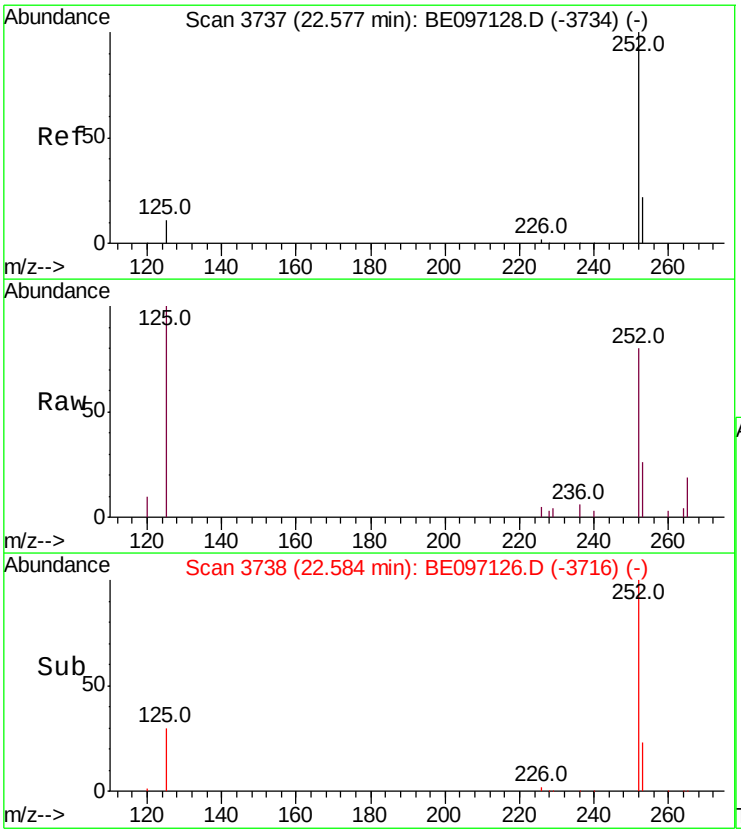
#21
Benzo(b)fluoranthene
Concen: 0.097 ng/ul
RT: 22.53 min Scan# 3731
Delta R.T. 0.00 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4057

Ion	Ratio	Lower	Upper
252	100		
253	29.8	0.0	64.2
125	107.1	0.0	35.0#

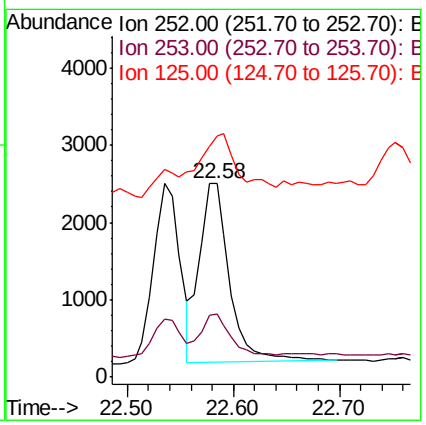


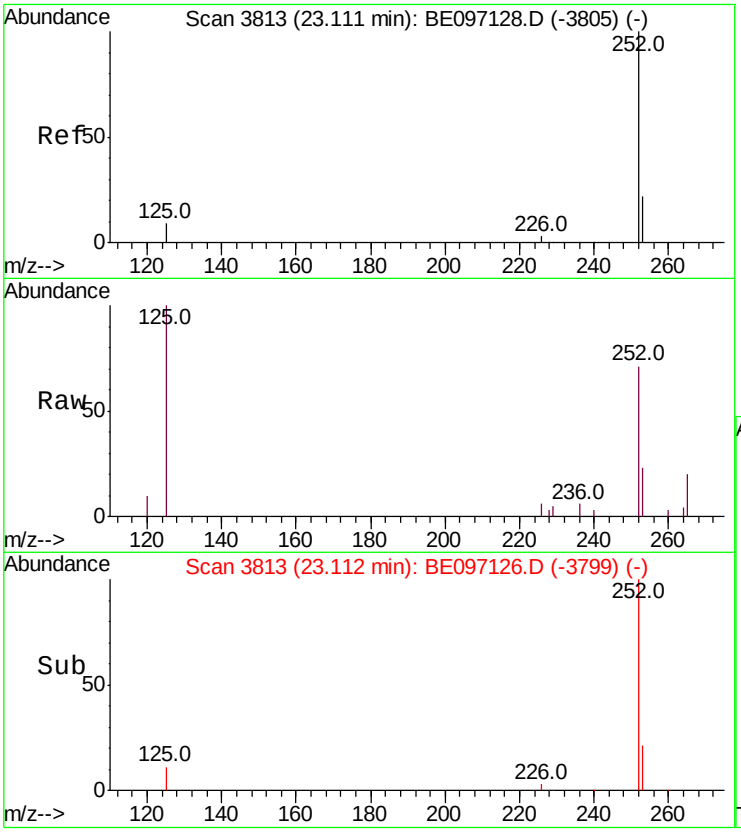


#22
Benzo(k)fluoranthene
Concen: 0.100 ng/ul
RT: 22.58 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Tgt Ion:252 Resp: 4572

Ion	Ratio	Lower	Upper
252	100		
253	32.6	24.5	36.7
125	124.7	13.7	20.5#



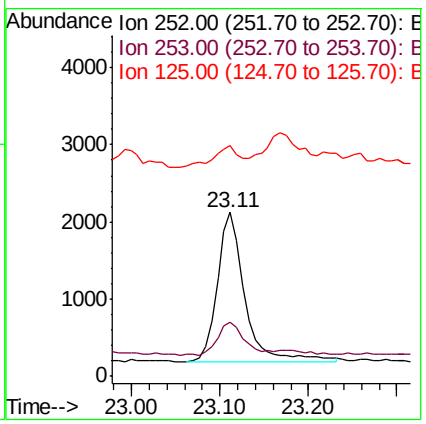


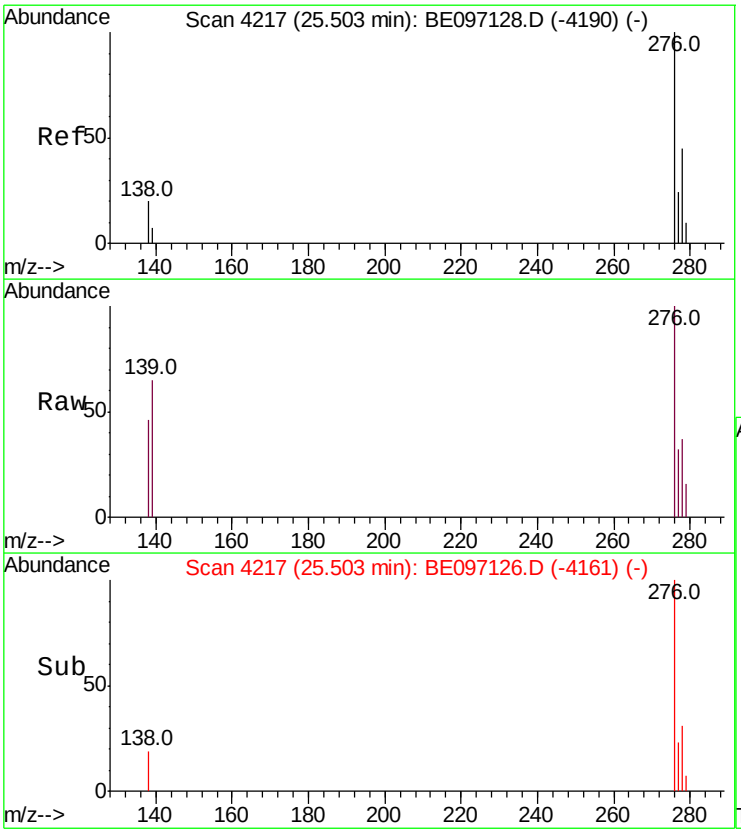
#23
Benzo(a)pyrene
Concen: 0.119 ng/ul
RT: 23.11 min Scan# 3813
Delta R.T. 0.00 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4208

Ion	Ratio	Lower	Upper
252	100		
253	32.9	28.5	42.7
125	140.6	18.1	27.1#

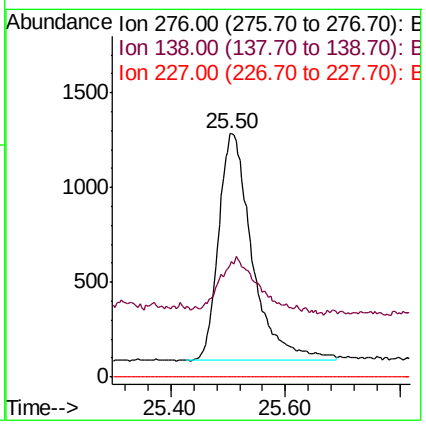


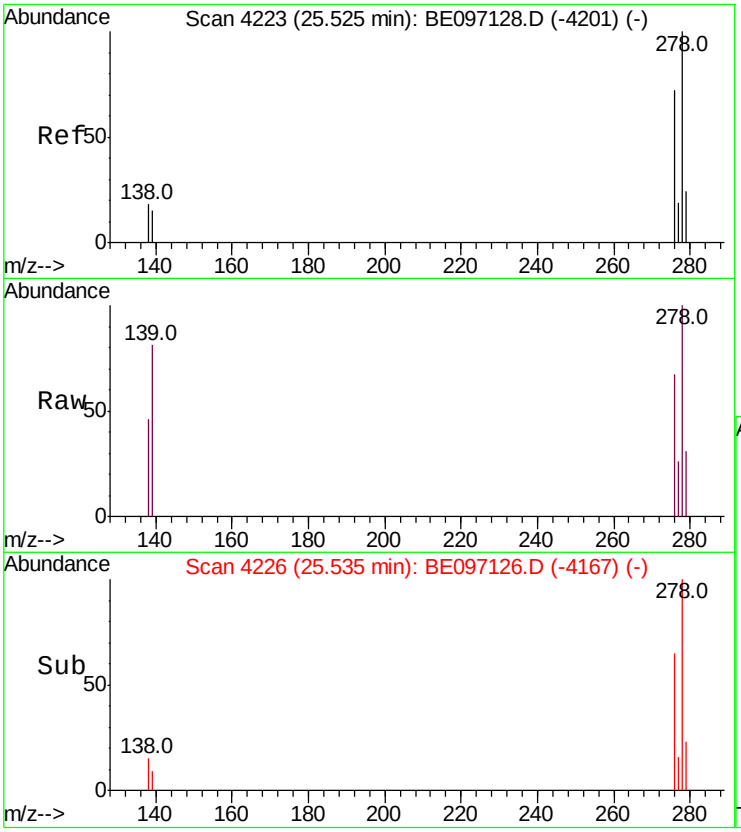


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.134 ng/ul
RT: 25.50 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Tgt Ion:276 Resp: 4899

Ion	Ratio	Lower	Upper
276	100		
138	25.8	28.0	42.0#
227	0.0	8.0	12.0#



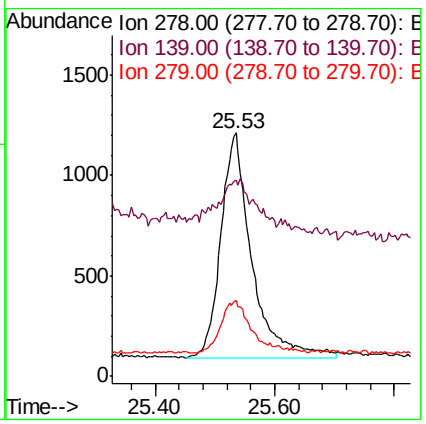


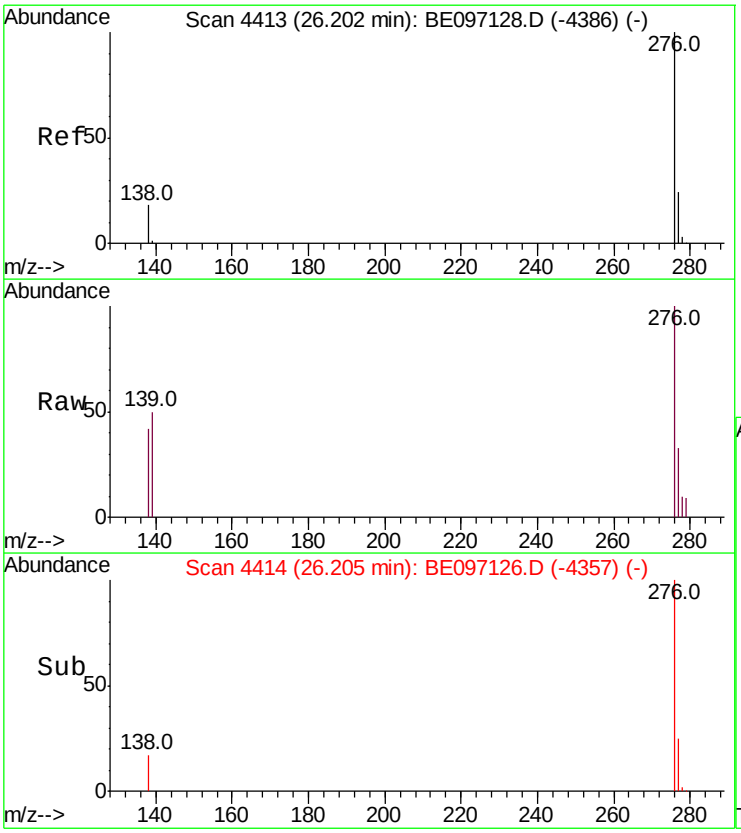
#25
Dibenzo(a,h)anthracene
Concen: 0.139 ng/ul
RT: 25.53 min Scan# 4226
Delta R.T. 0.01 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 4040

Ion	Ratio	Lower	Upper
278	100		
139	80.6	17.4	26.0#
279	31.4	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.117 ng/ul
RT: 26.21 min Scan# 4414
Delta R.T. 0.00 min
Lab File: BE097126.D
Acq: 1 Aug 2018 12:27

Tgt Ion:276 Resp: 4182

Ion	Ratio	Lower	Upper
276	100		
138	41.6	21.8	32.8#
277	32.7	20.5	30.7#