Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB030317\
Data File : BB058690.D
Acq On : 3 Mar 2017 17:35
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : SSTD02083

Quant Time: Mar 15 01:59:10 2017
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM-EPA-BB030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 01:57:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	211766	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	703247	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.78	164	483449	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.62	188	795081	20.00	ng/ul	0.00
18) Chrysene-d12	22.32	240	677984	20.00	ng/ul	0.00
23) Perylene-d12	25.28	264	650667	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.42	165	279611	20.78	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	831710	19.94	ng/ul	0.00
10) Fluorene-d10	15.81	176	565964	19.77	ng/ul	0.00
15) Anthracene-d10	17.73	188	766971	20.50	ng/ul	0.00
19) Pyrene-d10	20.18	212	683103	20.53	ng/ul	-0.01
26) Benzo(a)pyrene-d12	25.08	264	588992	20.52	ng/ul	-0.01
Target Compounds						Qvalue
4) Naphthalene	10.85	128	701381	20.79	ng/ul	99
5) 2-Methylnaphthalene	12.52	142	529321	20.85	ng/ul	100
8) Acenaphthylene	14.49	152	796195	19.89	ng/ul	100
9) Acenaphthene	14.85	153	533003	19.83	ng/ul	100
11) Fluorene	15.87	166	694028	19.89	ng/ul	99
13) Pentachlorophenol	17.29	266	123871	19.15	ng/uL	98
14) Phenanthrene	17.67	178	915310	20.33	ng/ul	99
16) Anthracene	17.76	178	948133	20.56	ng/ul	99
17) Fluoranthene	19.80	202	903971	20.13	ng/ul#	93
20) Pyrene	20.22	202	926579	20.69	ng/ul	100
21) Benzo(a)anthracene	22.30	228	782176	20.88	ng/ul	99
22) Chrysene	22.37	228	716473	20.75	ng/ul	100
24) Benzo(b)fluoranthene	24.38	252	757562	19.93	ng/ul	99
25) Benzo(k)fluoranthene	24.45	252	688840	20.00	ng/ul	99
27) Benzo(a)pyrene	25.15	252	722067	20.22	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	28.37	276	832746	20.40	ng/ul	96
29) Dibenzo(a,h)anthracene	28.40	278	720220	20.75	ng/ul	99
30) Benzo(g,h,i)perylene	29.30	276	696530	20.67	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB030317\
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Acq On : 3 Mar 2017 17:35
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Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
SSTD02083

Quant Time: Mar 15 01:59:10 2017
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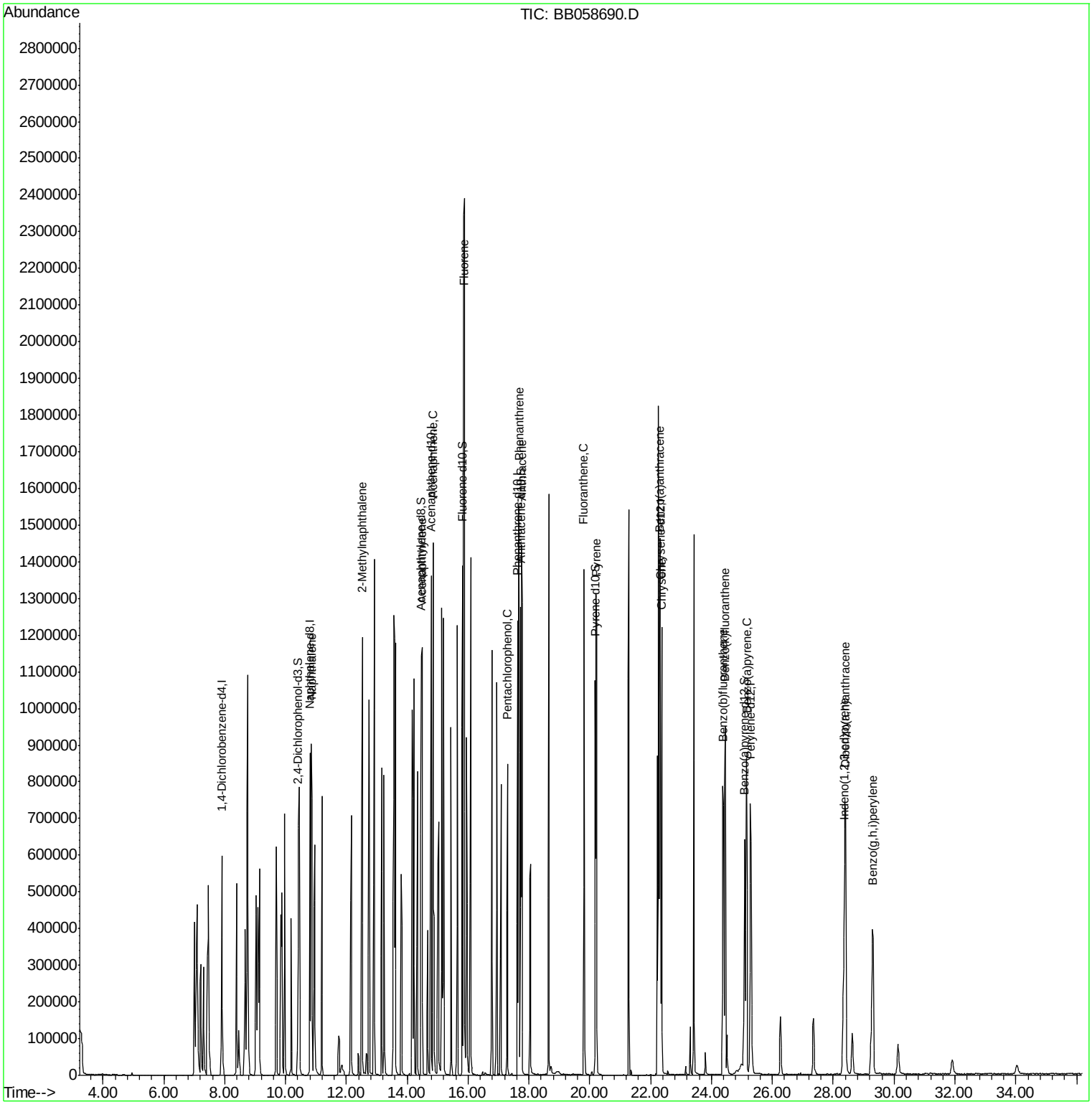
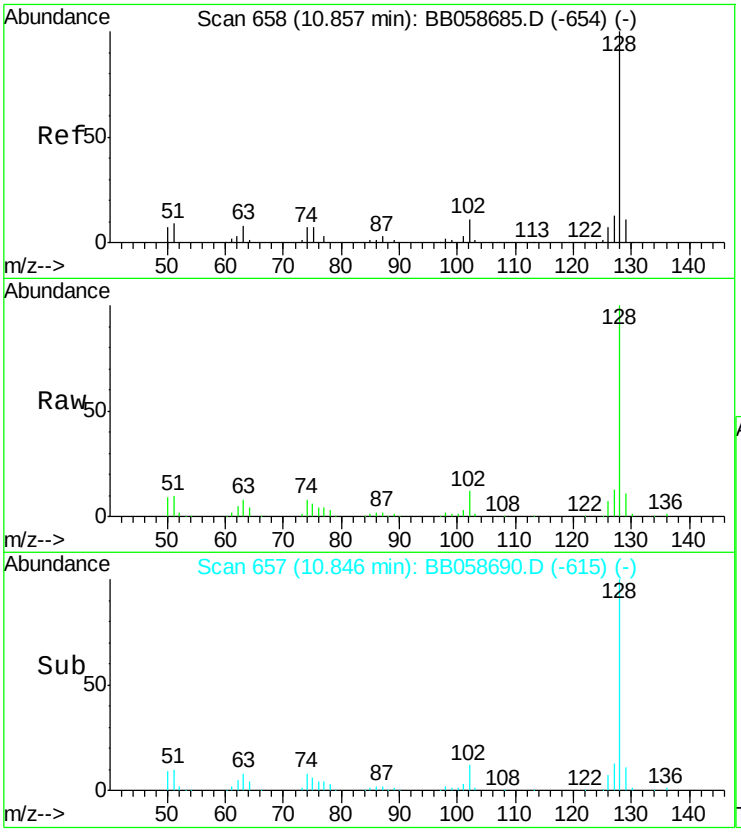


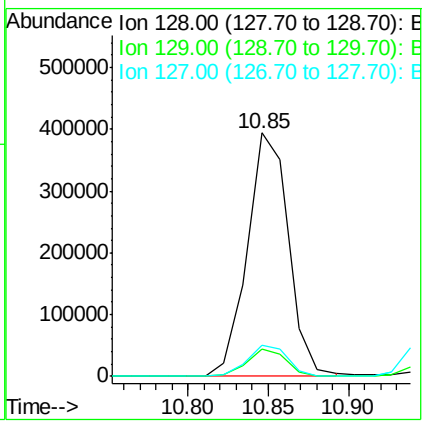


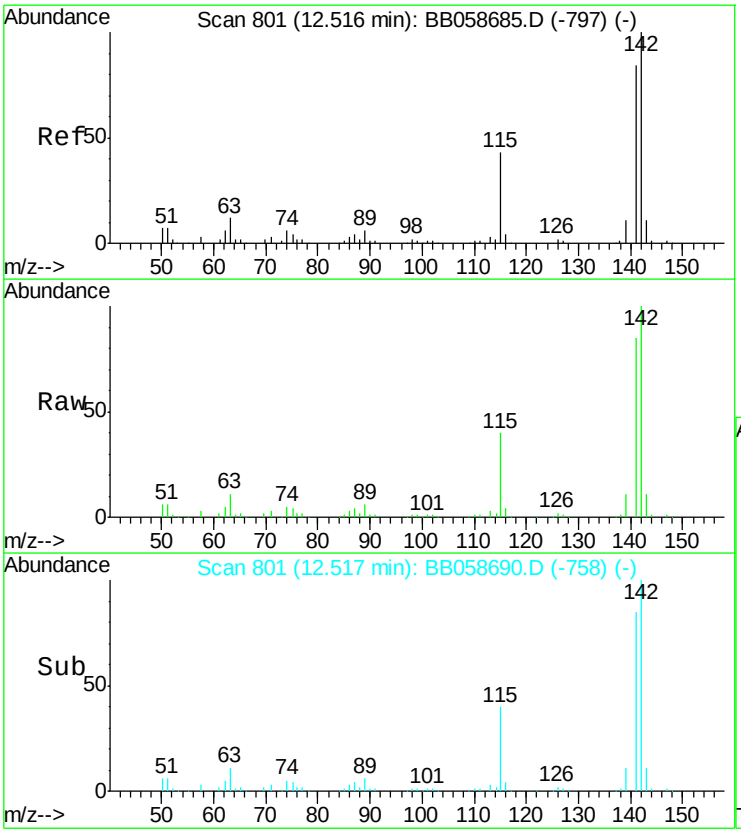
#4
Naphthalene
Concen: 20.79 ng/ul
RT: 10.85 min Scan# 657
Delta R.T. -0.01 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Instrument :
BNA_B
ClientSampleId :
SSTD02083

Tgt Ion:128 Resp: 701381

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	12.9	10.6	15.8

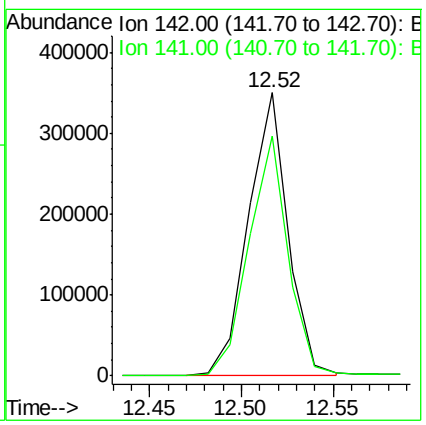


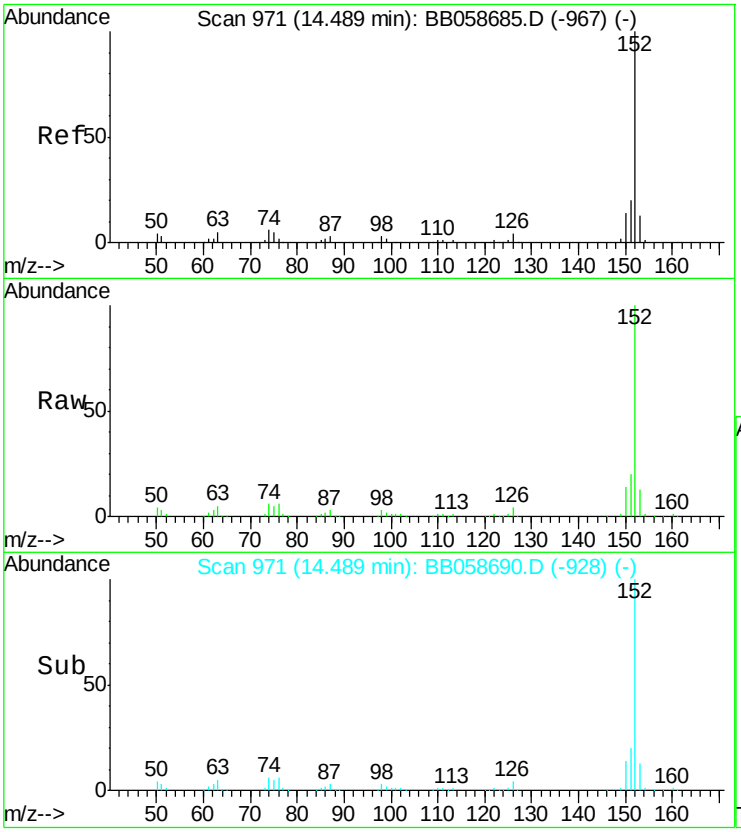


#5
2-Methylnaphthalene
Concen: 20.85 ng/ul
RT: 12.52 min Scan# 801
Delta R.T. 0.00 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Tgt Ion:142 Resp: 529321

Ion	Ratio	Lower	Upper
142	100		
141	84.7	67.5	101.3



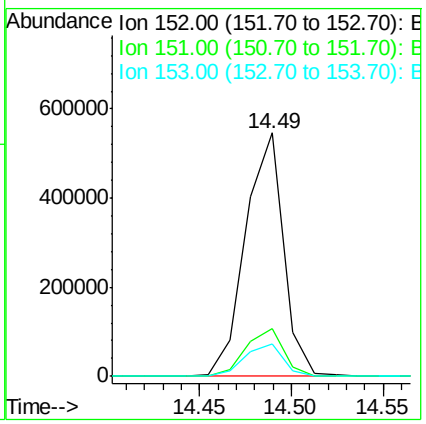


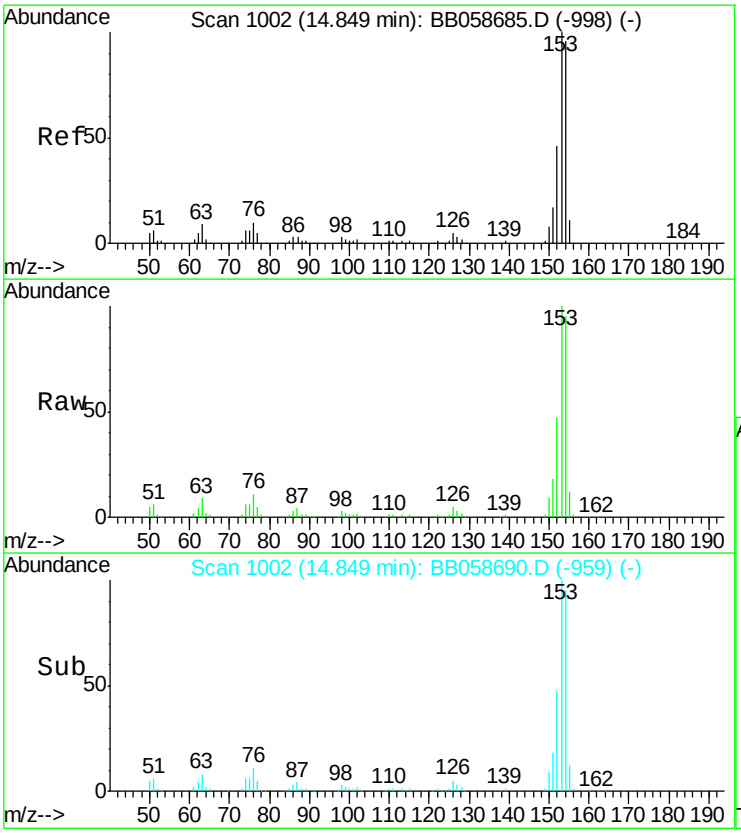
#8
Acenaphthylene
Concen: 19.89 ng/ul
RT: 14.49 min Scan# 971
Delta R.T. 0.00 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Instrument :
BNA_B
ClientSampleId :
SSTD02083

Tgt Ion:152 Resp: 796195

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.1	10.4	15.6

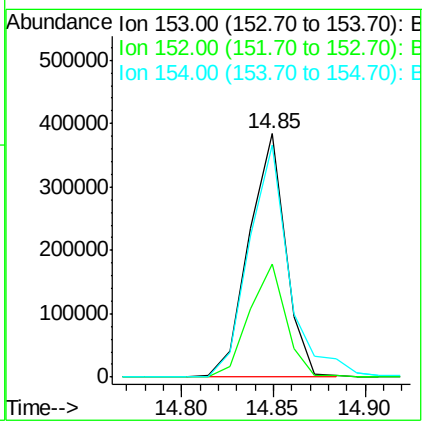


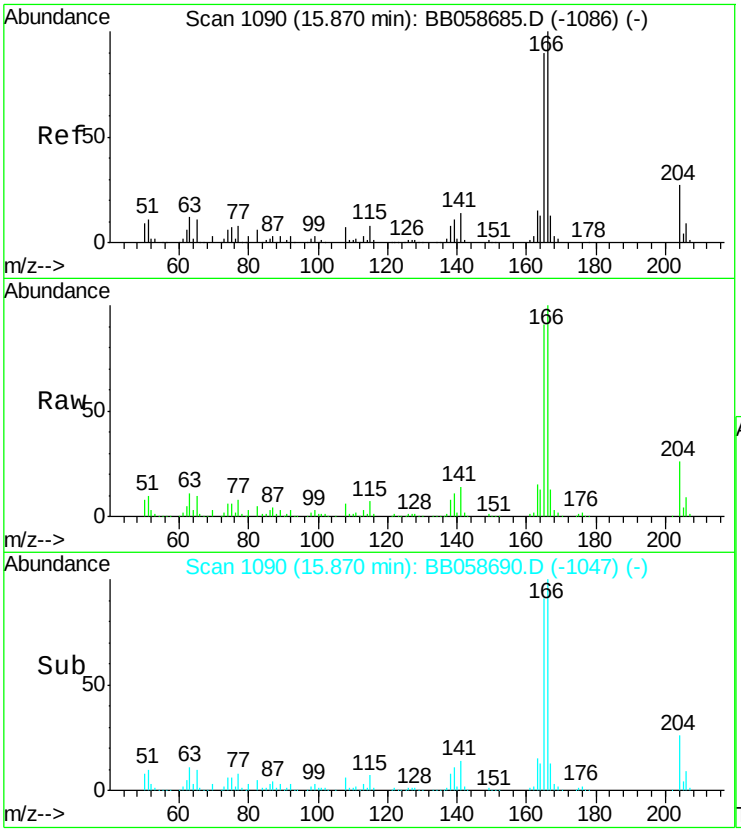


#9
Acenaphthene
Concen: 19.83 ng/ul
RT: 14.85 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Tgt Ion:153 Resp: 533003

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.0	55.4
154	95.3	76.5	114.7



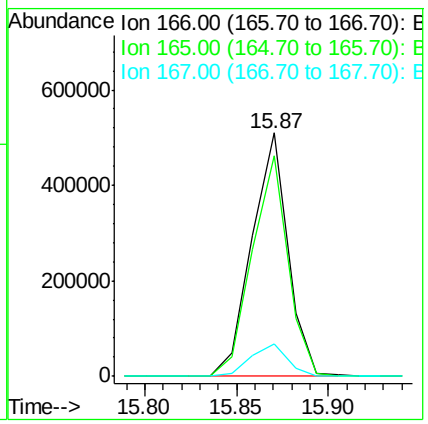


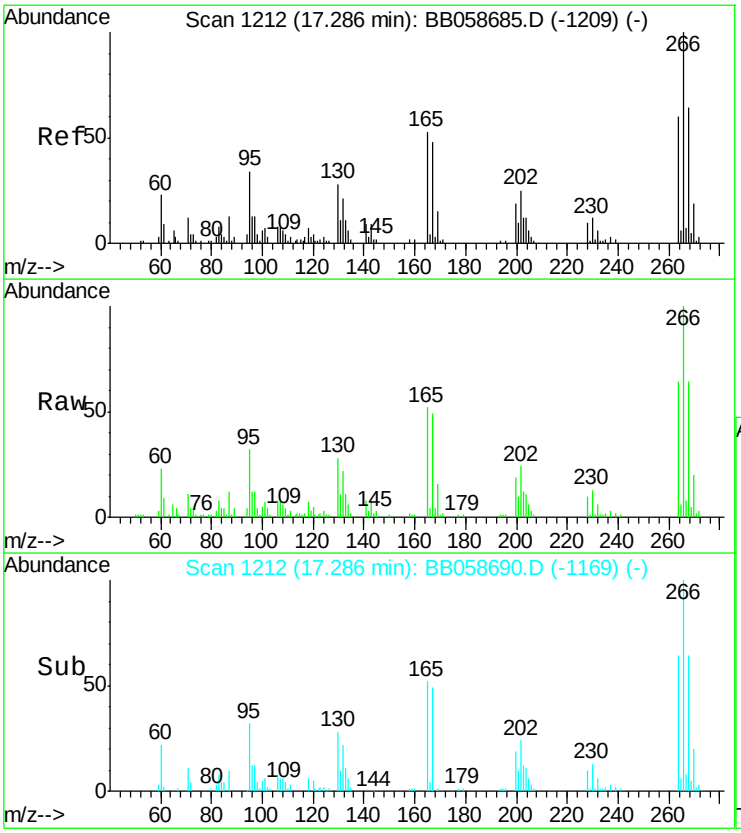
#11
Fluorene
Concen: 19.89 ng/ul
RT: 15.87 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Instrument :
BNA_B
ClientSampleId :
SSTD02083

Tgt Ion:166 Resp: 694028

Ion	Ratio	Lower	Upper
166	100		
165	90.7	71.6	107.4
167	13.3	10.3	15.5

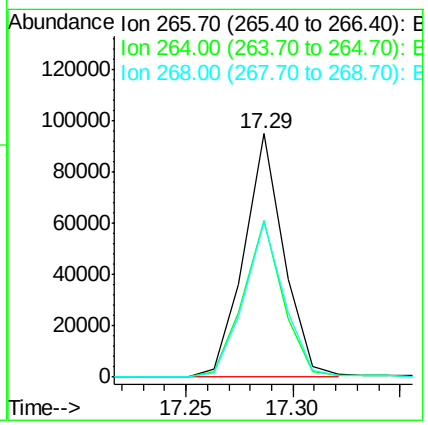


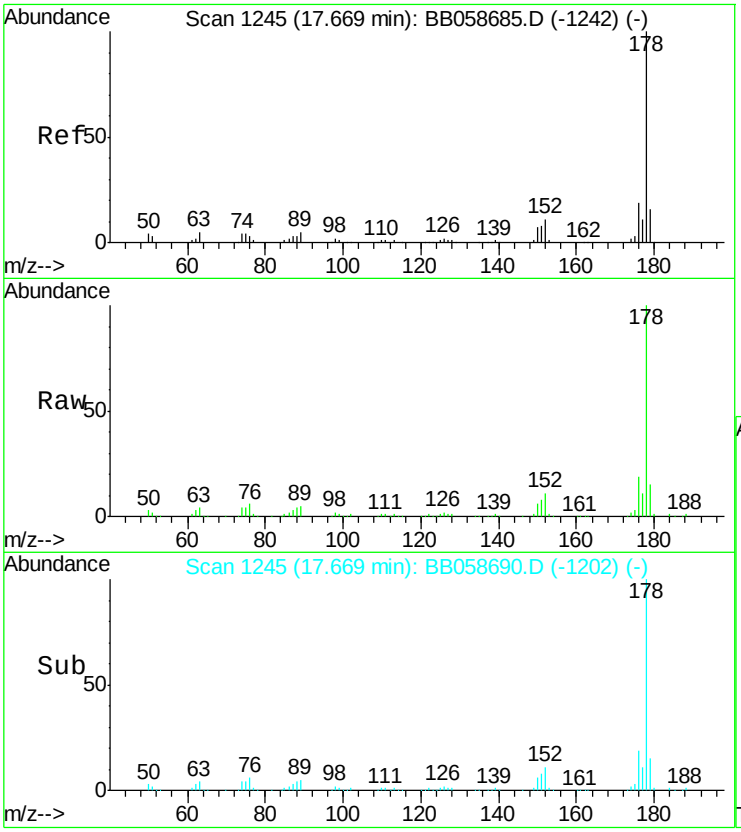


#13
Pentachlorophenol
Concen: 19.15 ng/uL
RT: 17.29 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Tgt Ion:266 Resp: 123871

Ion	Ratio	Lower	Upper
266	100		
264	63.9	49.4	74.2
268	64.3	51.1	76.7



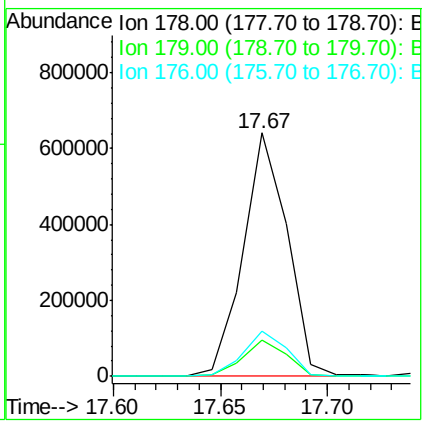


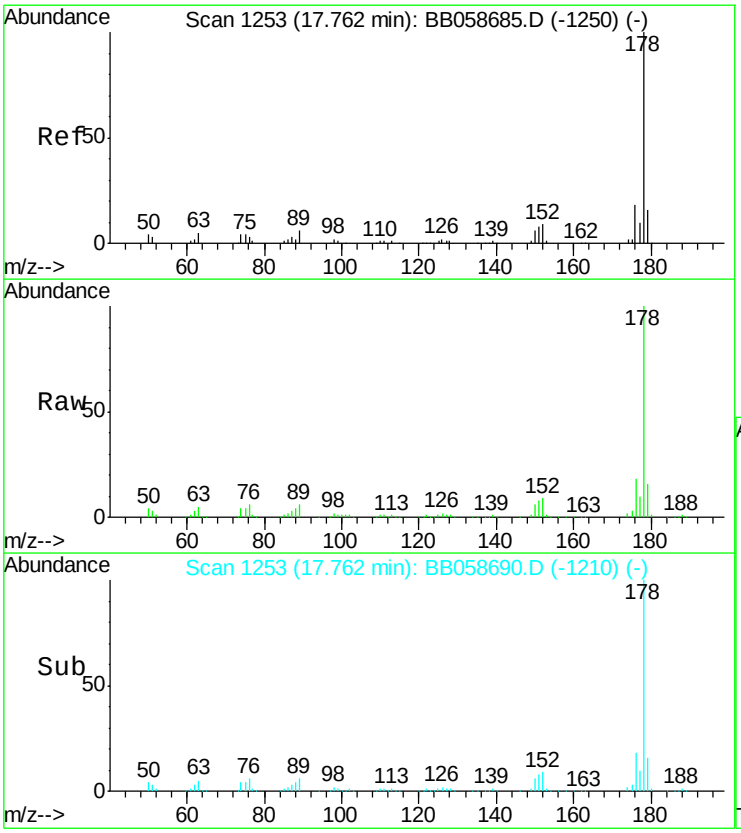
#14
Phenanthrene
Concen: 20.33 ng/ul
RT: 17.67 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Instrument :
BNA_B
ClientSampleId :
SSTD02083

Tgt Ion:178 Resp: 915310

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.5	18.7
176	18.6	15.0	22.4

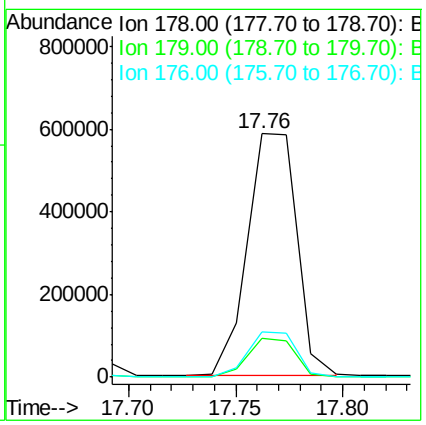


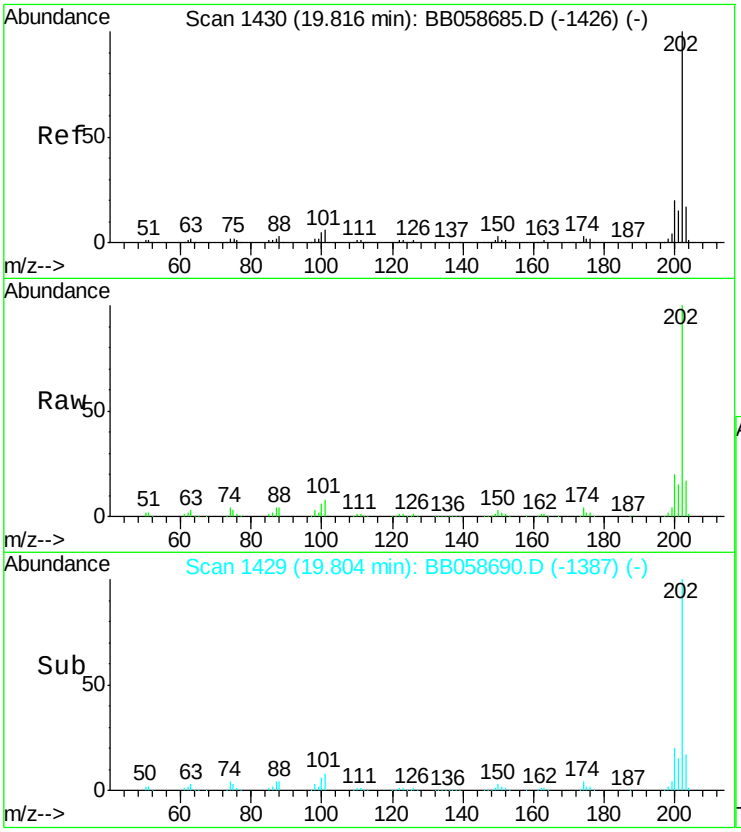


#16
Anthracene
Concen: 20.56 ng/ul
RT: 17.76 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Tgt Ion:178 Resp: 948133

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.3	14.2	21.2



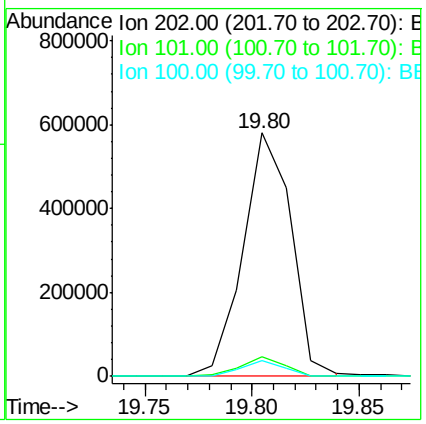


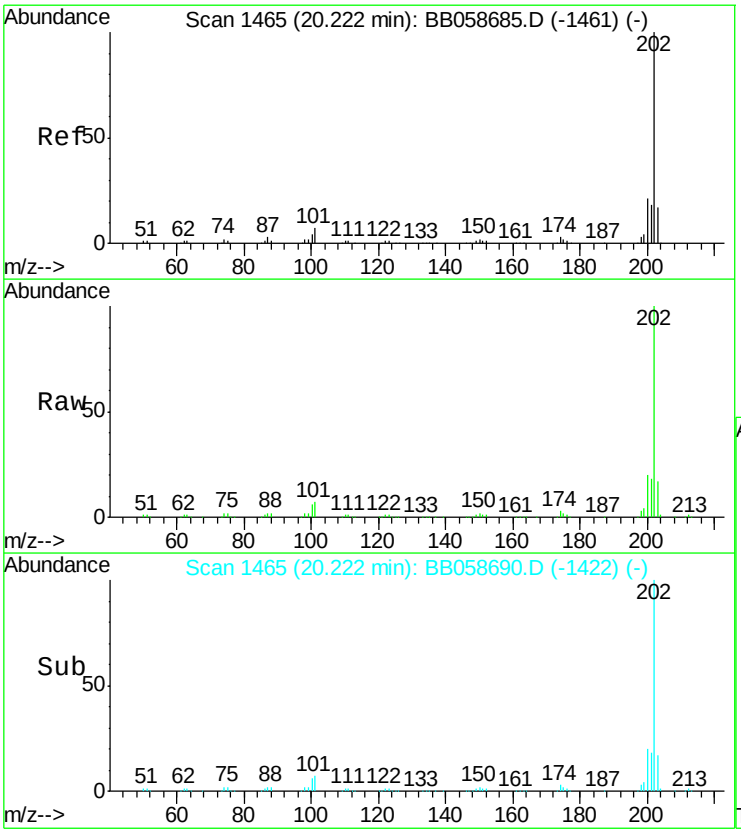
#17
Fluoranthene
Concen: 20.13 ng/ul
RT: 19.80 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Instrument :
BNA_B
ClientSampleId :
SSTD02083

Tgt Ion:202 Resp: 903971

Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	6.8#
100	6.5	3.7	5.5#

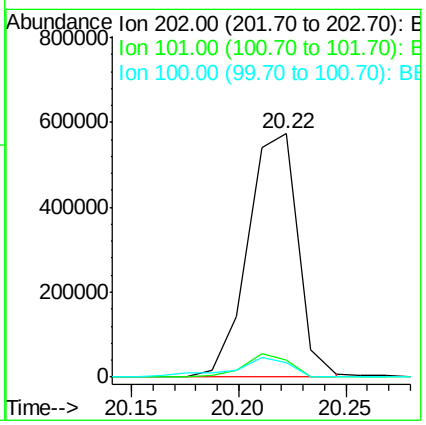


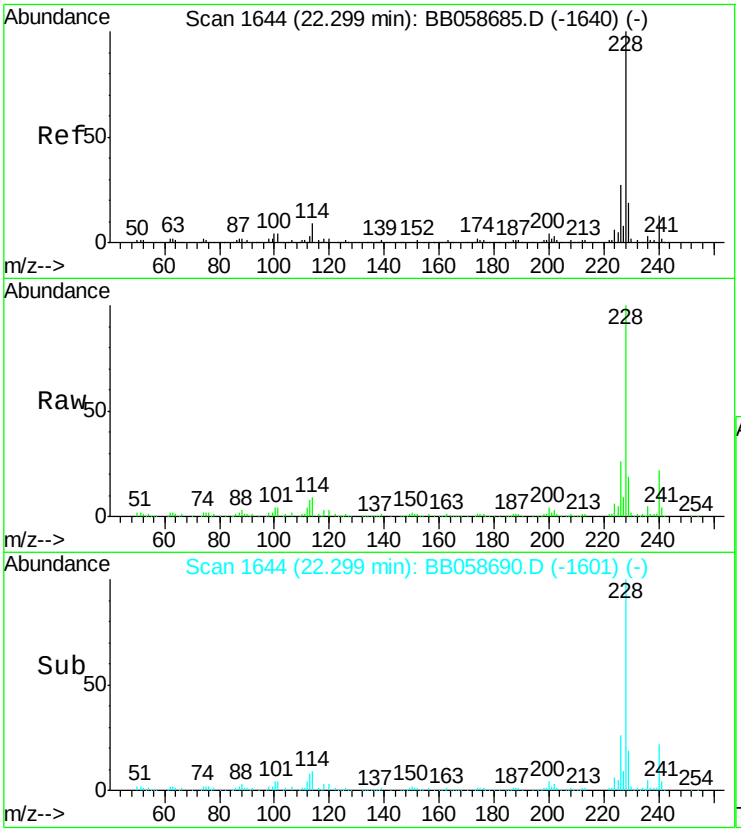


#20
Pyrene
Concen: 20.69 ng/ul
RT: 20.22 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Tgt Ion:202 Resp: 926579

Ion	Ratio	Lower	Upper
202	100		
101	7.1	5.8	8.6
100	5.8	4.6	6.8



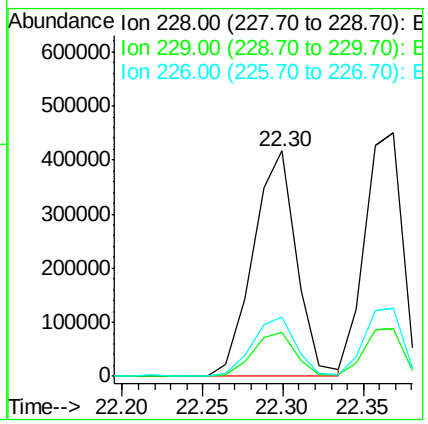


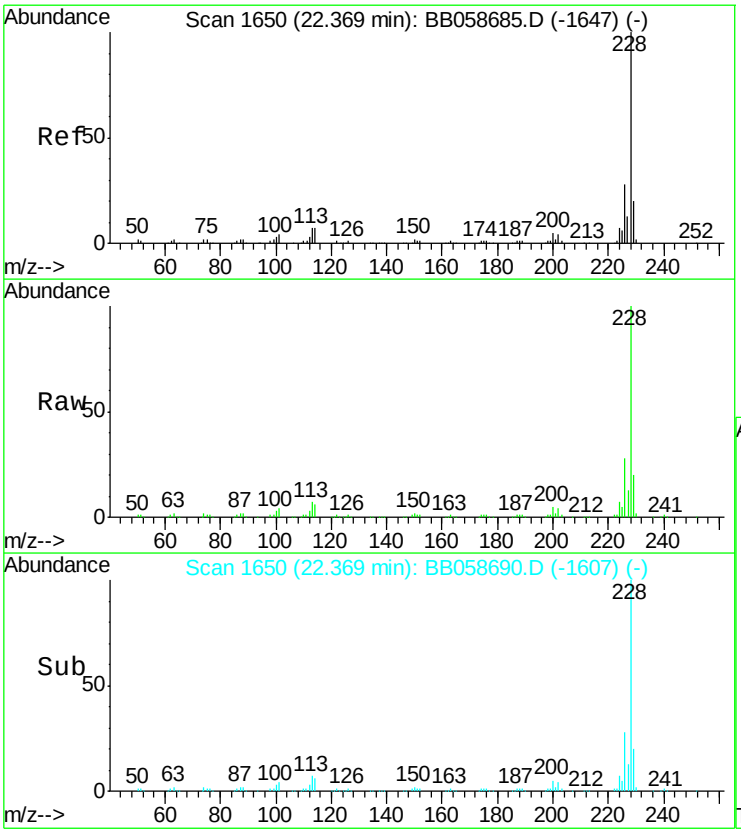
#21
Benzo(a)anthracene
Concen: 20.88 ng/ul
RT: 22.30 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Instrument :
BNA_B
ClientSampleId :
SSTD02083

Tgt Ion:228 Resp: 782176

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.6	23.4
226	26.1	21.3	31.9

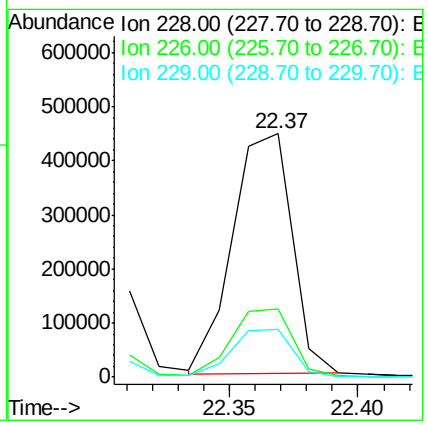


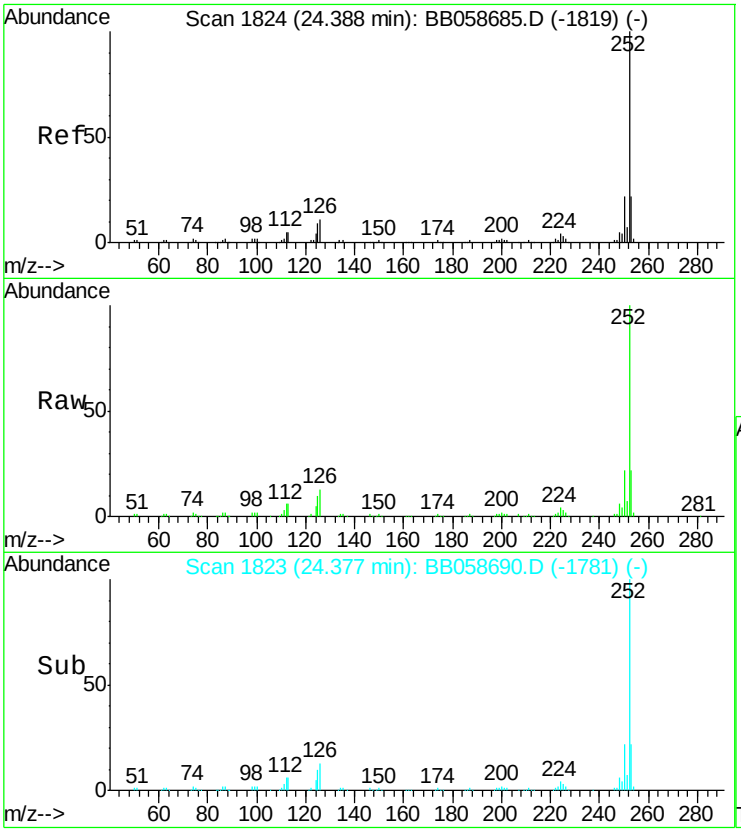


#22
Chrysene
Concen: 20.75 ng/ul
RT: 22.37 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Tgt Ion:228 Resp: 716473

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	19.9	16.2	24.2



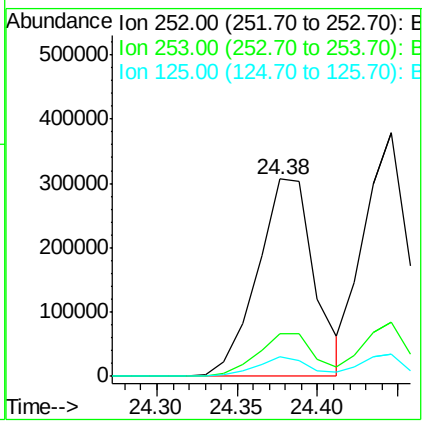


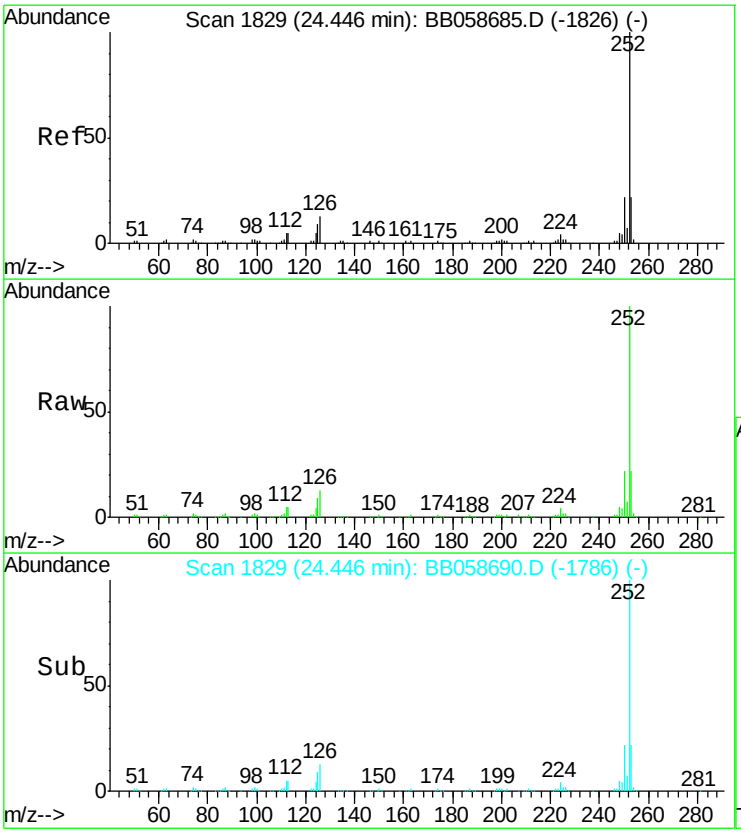
#24
Benzo(b)fluoranthene
Concen: 19.93 ng/ul
RT: 24.38 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Instrument :
BNA_B
ClientSampleId :
SSTD02083

Tgt Ion:252 Resp: 757562

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.7	7.0	10.4

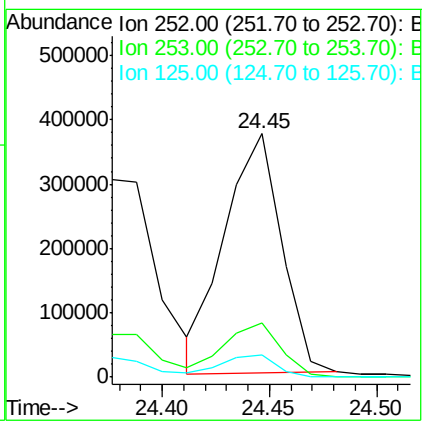


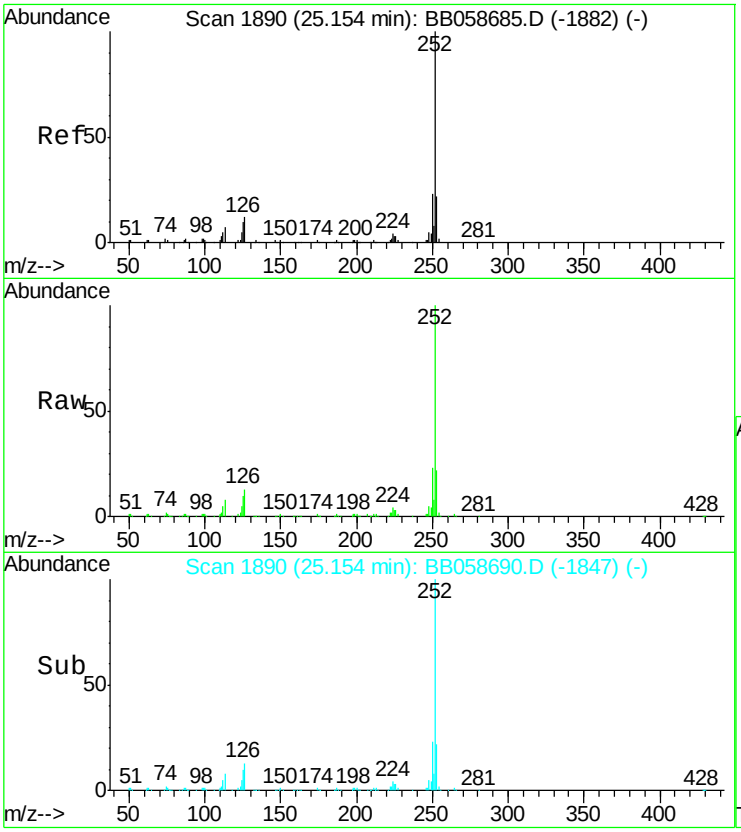


#25
Benzo(k)fluoranthene
Concen: 20.00 ng/ul
RT: 24.45 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Tgt Ion:252 Resp: 688840

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	8.9	7.0	10.4



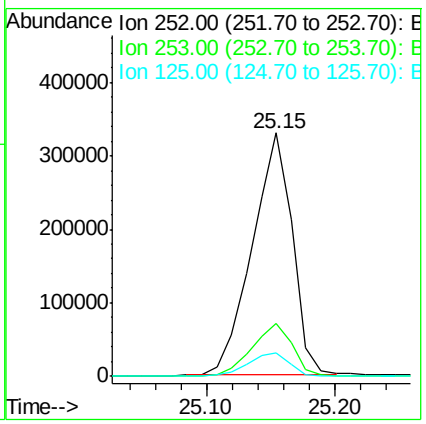


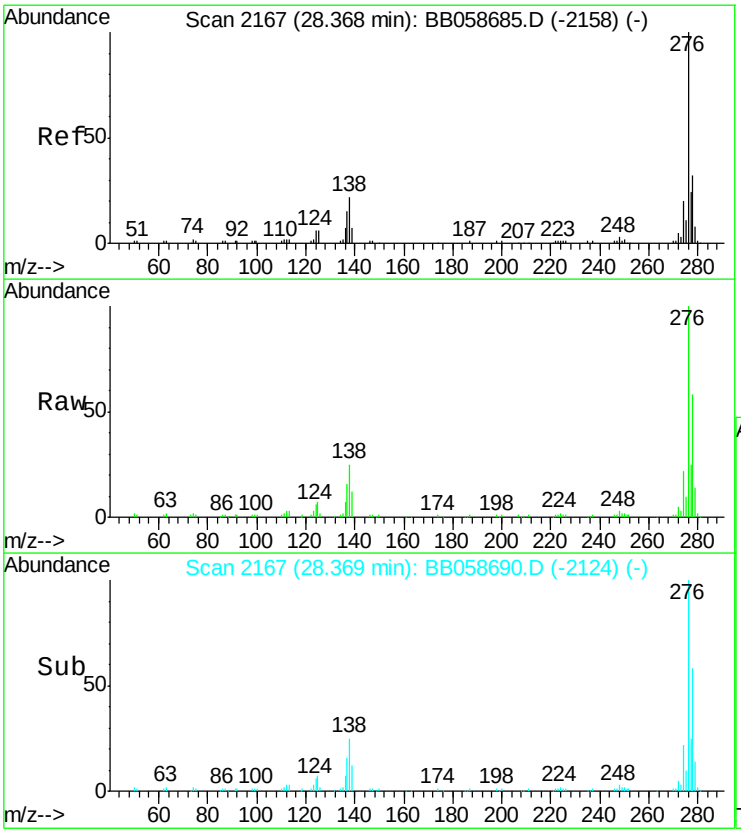
#27
Benzo(a)pyrene
Concen: 20.22 ng/ul
RT: 25.15 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Instrument :
BNA_B
ClientSampleId :
SSTD02083

Tgt Ion:252 Resp: 722067

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.8	8.1	12.1

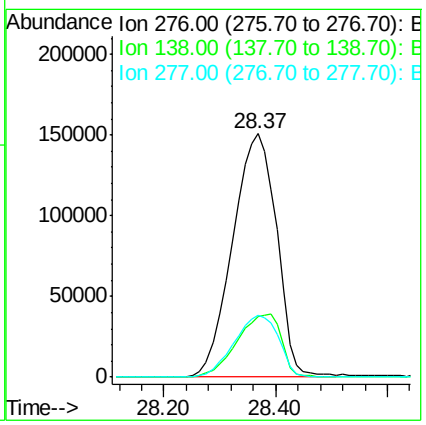


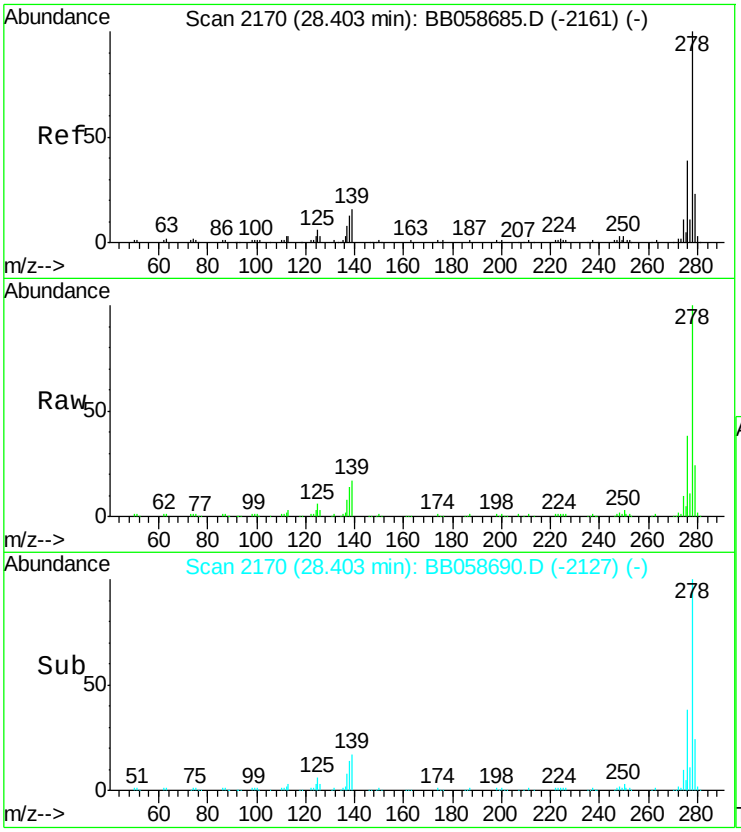


#28
Indeno(1,2,3-cd)pyrene
Concen: 20.40 ng/ul
RT: 28.37 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Tgt Ion:276 Resp: 832746

Ion	Ratio	Lower	Upper
276	100		
138	25.1	17.6	26.4
277	25.4	19.5	29.3



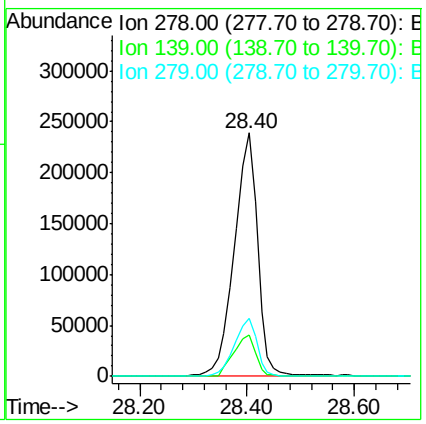


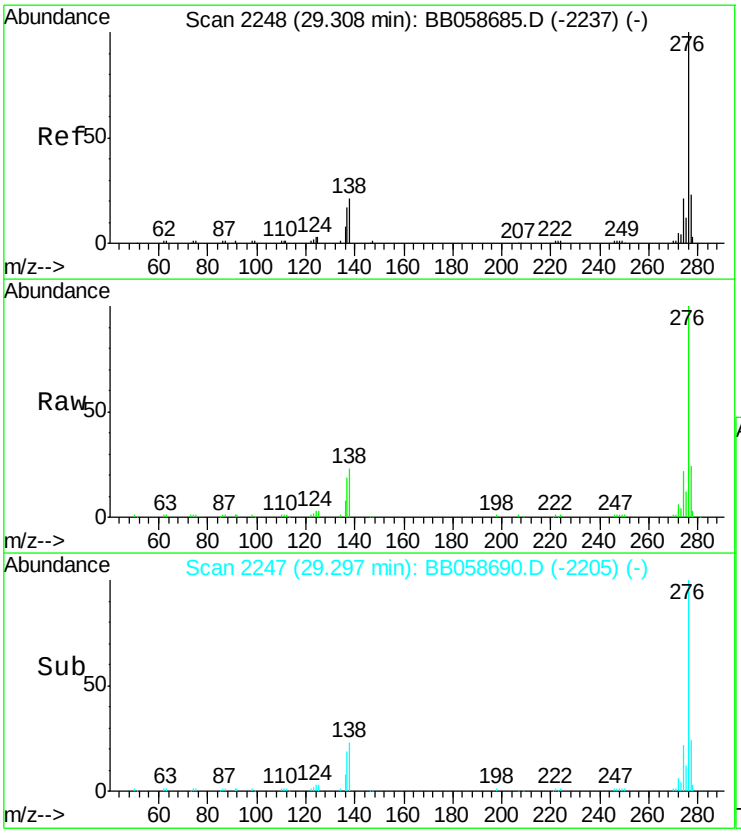
#29
Dibenzo(a,h)anthracene
Concen: 20.75 ng/ul
RT: 28.40 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Instrument :
BNA_B
ClientSampleId :
SSTD02083

Tgt Ion:278 Resp: 720220

Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.2	19.8
279	23.6	18.5	27.7





#30
Benzo(g,h,i)perylene
Concen: 20.67 ng/ul
RT: 29.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BB058690.D
Acq: 3 Mar 2017 17:35

Tgt Ion:276 Resp: 696530

Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.0	25.4
277	23.8	18.3	27.5