Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Time: Jul 29 02:02:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 01:59:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	47000	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	218476	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	131696	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	263932	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	291525	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	304309	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	2726	3.63	ng/uL	0.00
5) Phenol-d5	6.70	99	73700	20.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	34561	19.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	70902	22.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	61615	19.16	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	37325	21.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	41634	22.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	69099	21.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	60237	16.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	197045	21.31	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	231040	20.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	29922	15.38	ng/ul	0.00
58) Fluorene-d10	15.18	176	160136	18.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	16353	9.69	ng/ul	0.00
71) Anthracene-d10	17.04	188	223935	19.59	ng/ul	0.00
79) Pyrene-d10	19.35	212	230103	17.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	251107	17.29	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	8.61	117	1318	1.08	ng/ul#	9
28) Naphthalene	10.34	128	76399	7.46	ng/ul	98
30) 4-Chloroaniline	10.34	127	9849	2.59	ng/ul#	6
34) 2-Methylnaphthalene	11.97	142	18268	2.36	ng/ul	99
35) 1-Methylnaphthalene	12.19	142	13831	1.83	ng/ul#	97
45) Dimethylphthalate	13.65	163	81897	8.80	ng/ul	99
50) Acenaphthene	14.25	153	71046	9.10	ng/ul	98
54) Dibenzofuran	14.58	168	59101	5.32	ng/ul	97
59) Fluorene	15.24	166	77898	8.15	ng/ul	100
70) Phenanthrene	16.98	178	1028458	77.55	ng/ul	97
72) Anthracene	17.07	178	285206	21.18	ng/ul	98
75) Carbazole	17.35	167	117118	10.04	ng/ul	99
76) Di-n-butylphthalate	17.92	149	42152	2.74	ng/ul	96
77) Fluoranthene	19.02	202	1479989	104.77	ng/ul	99
80) Pyrene	19.39	202	1302034	77.99	ng/ul	99
81) Butylbenzylphthalate	20.30	149	11532	1.69	ng/ul	96
83) Benzo(a)anthracene	21.14	228	765731	49.66	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.08	149	135020	13.79	ng/ul	98
85) Chrysene	21.14	228	773136	53.25	ng/ul	98
88) Benzo(b)fluoranthene	22.69	252	869619	52.16	ng/ul	99
89) Benzo(k)fluoranthene	22.69	252	869619	53.89	ng/ul	98
91) Benzo(a)pyrene	23.25	252	597349	37.00	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.56	276	365003	19.59	ng/ul#	92

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Time: Jul 29 02:02:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 01:59:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Dibenzo(a,h)anthracene	25.56	278	111174	6.99	ng/ul#	92
94) Benzo(g,h,i)perylene	26.24	276	325455	21.14	ng/ul	98

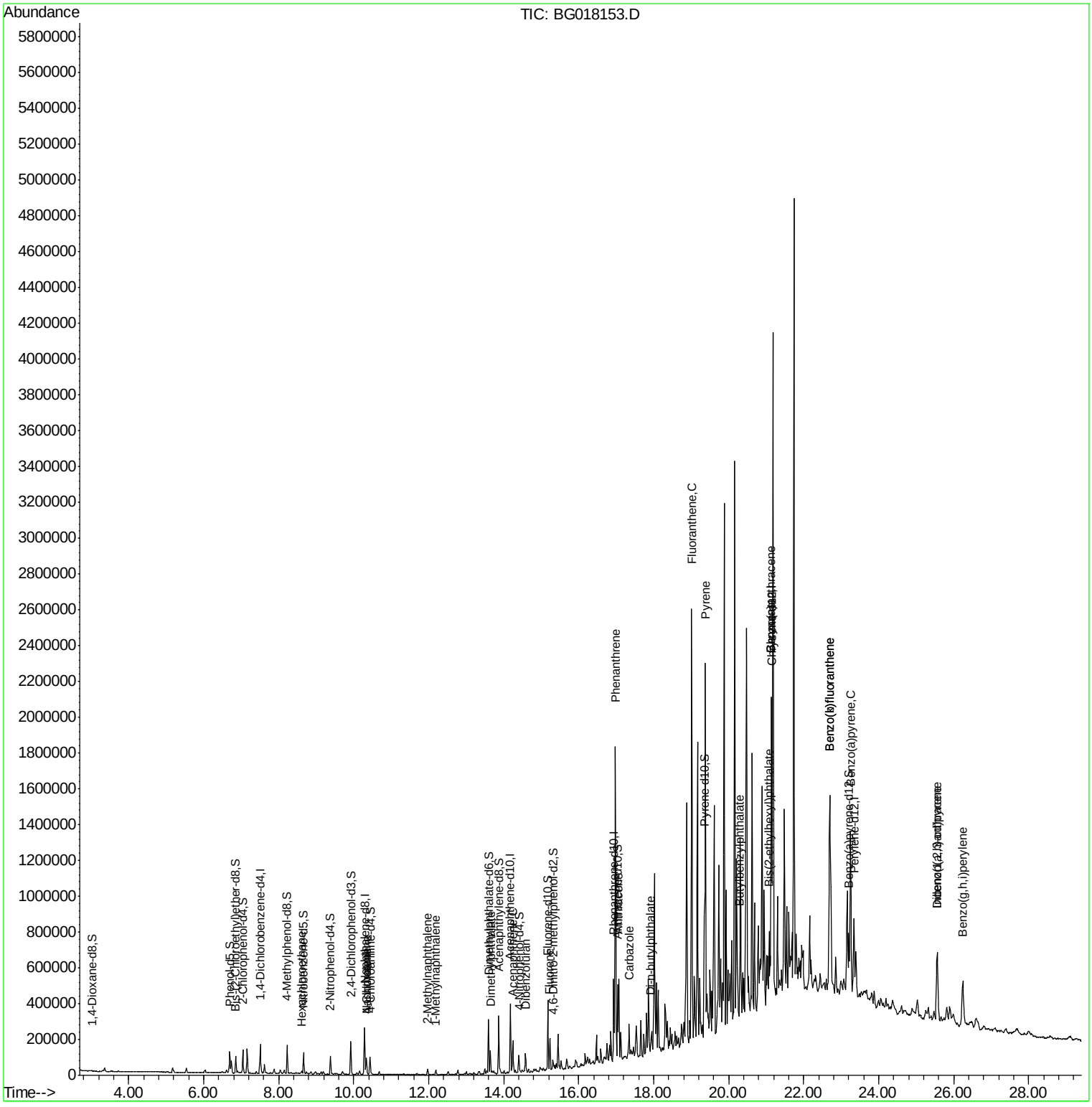
(#) = qualifier out of range (m) = manual integration (+) = signals summed

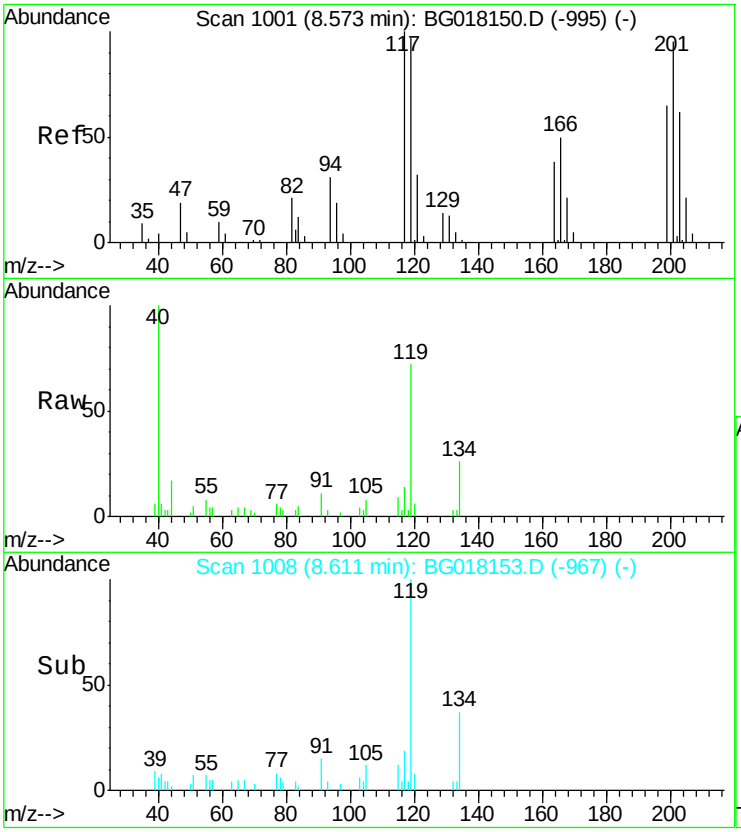
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02K6

Quant Time: Jul 29 02:02:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 01:59:28 2015
Response via : Initial Calibration



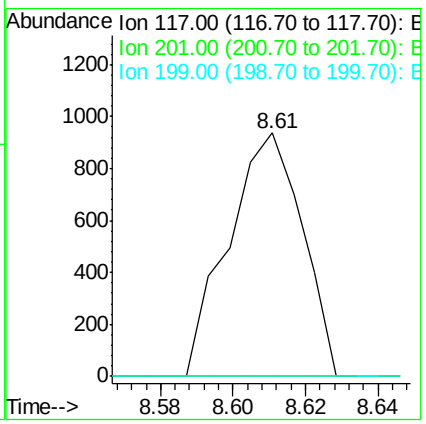


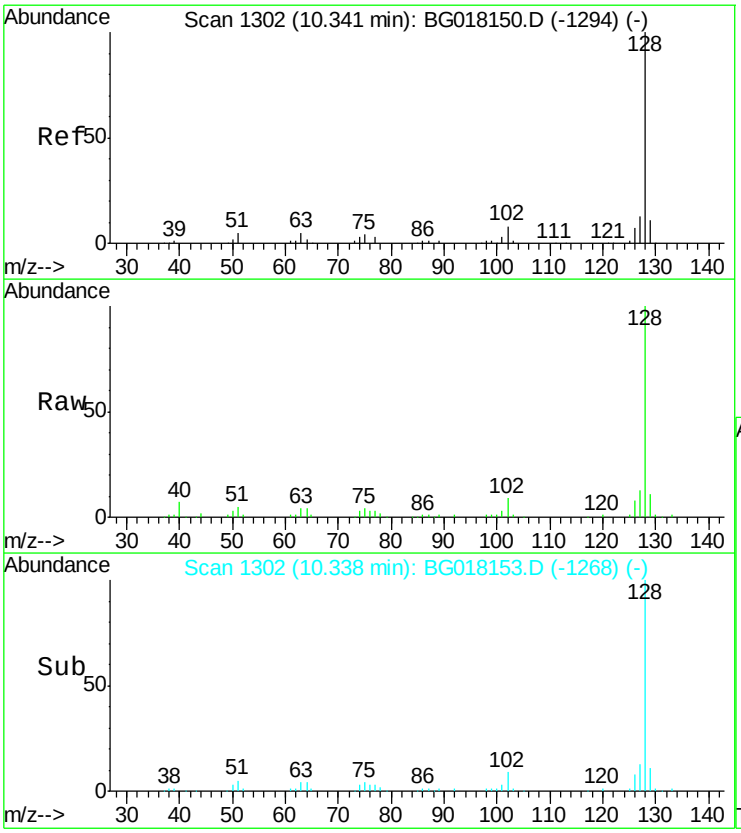
#17
Hexachloroethane
Concen: 1.08 ng/ul
RT: 8.61 min Scan# 1008
Delta R.T. 0.04 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Instrument :
BNA_G
ClientSampleId :
C02K6

Tgt Ion:117 Resp: 1318

Ion	Ratio	Lower	Upper
117	100		
201	0.0	77.3	115.9#
199	0.0	46.6	69.8#

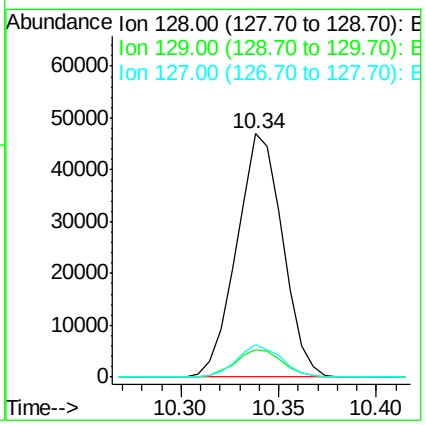


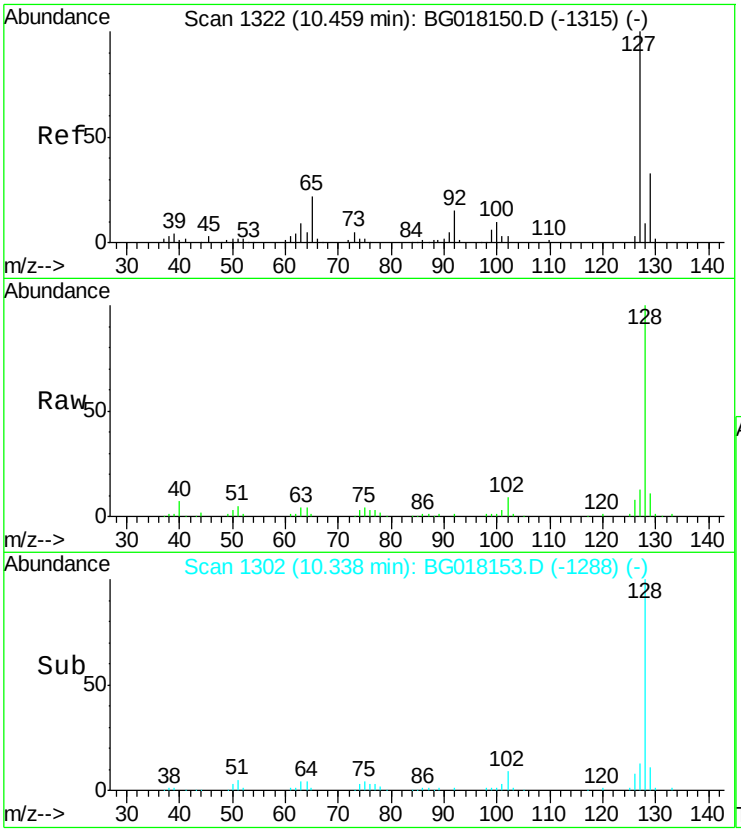


#28
Naphthalene
Concen: 7.46 ng/ul
RT: 10.34 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Tgt Ion:128 Resp: 76399

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.4	10.1	15.1



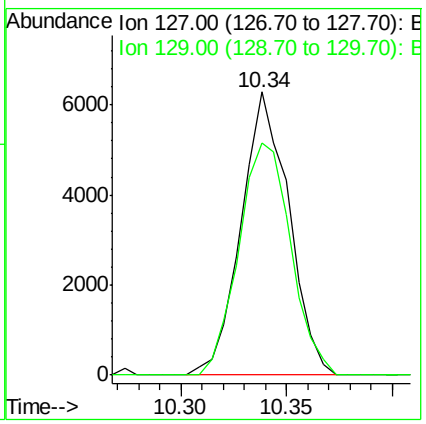


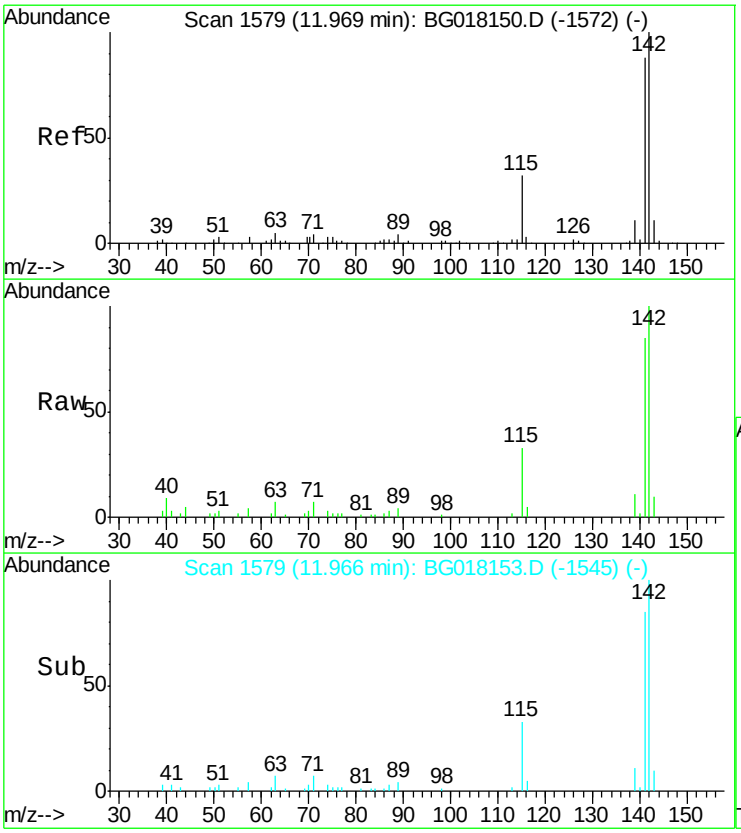
#30
4-Chloroaniline
Concen: 2.59 ng/ul
RT: 10.34 min Scan# 1302
Delta R.T. -0.12 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Instrument :
BNA_G
ClientSampleId :
C02K6

Tgt Ion:127 Resp: 9849

Ion	Ratio	Lower	Upper
127	100		
129	82.2	24.7	37.1#

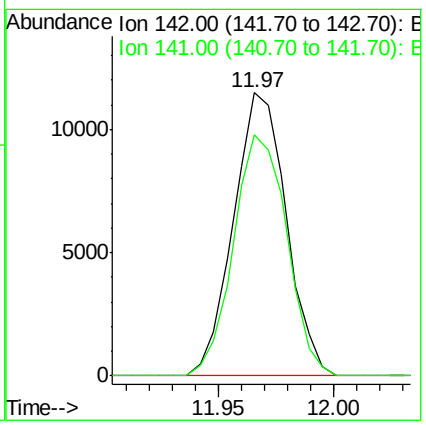


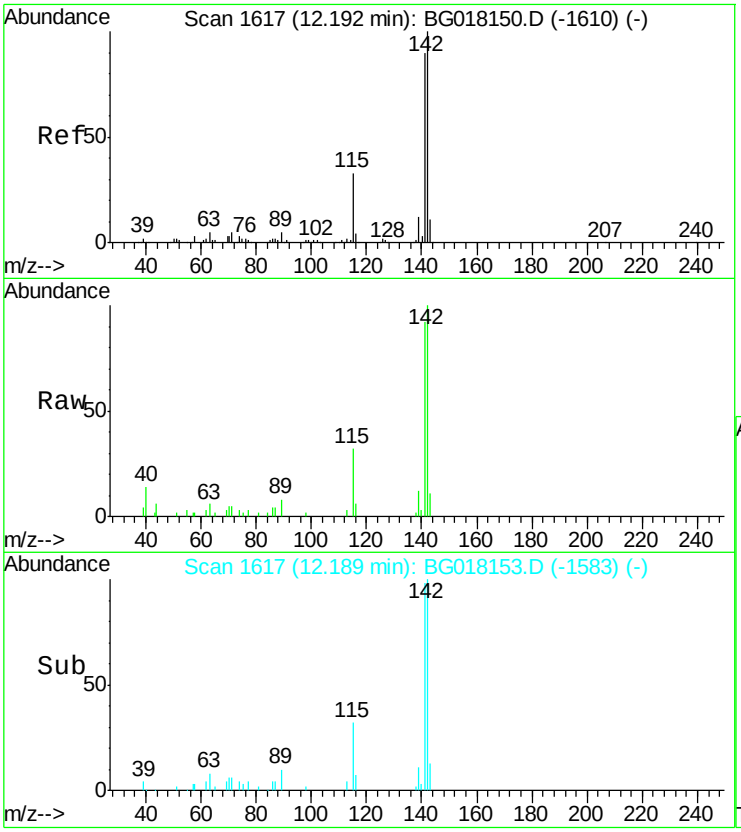


#34
2-Methylnaphthalene
Concen: 2.36 ng/ul
RT: 11.97 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Tgt Ion:142 Resp: 18268

Ion	Ratio	Lower	Upper
142	100		
141	85.4	69.4	104.0



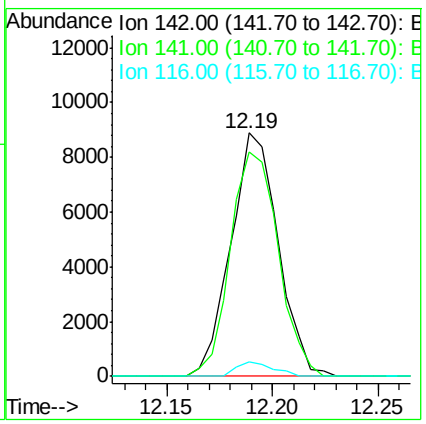


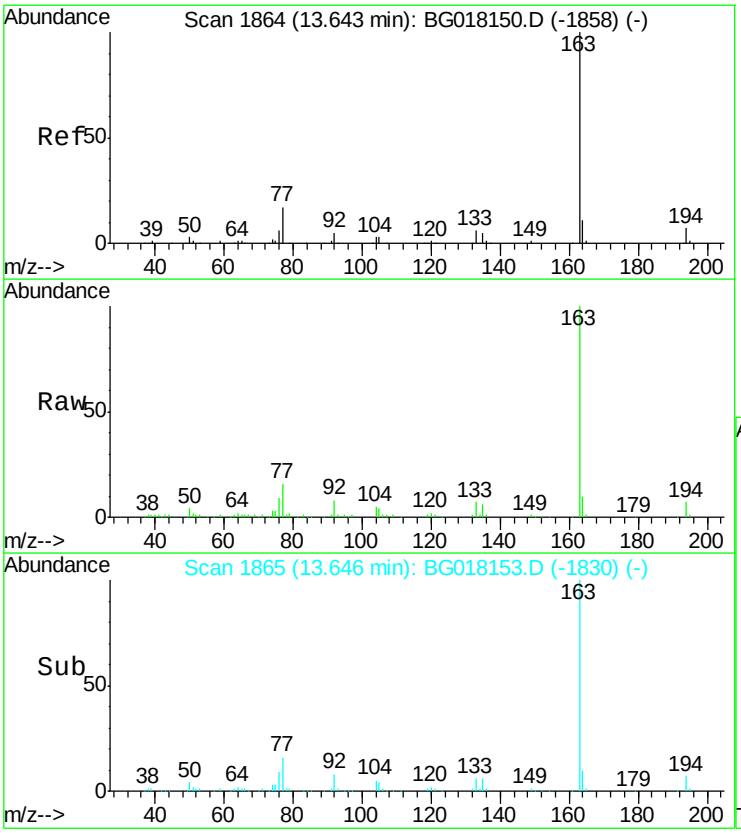
#35
1-Methylnaphthalene
Concen: 1.83 ng/ul
RT: 12.19 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Instrument :
BNA_G
ClientSampleId :
C02K6

Tgt Ion:142 Resp: 13831

Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.8	107.6
116	5.8	3.2	4.8#

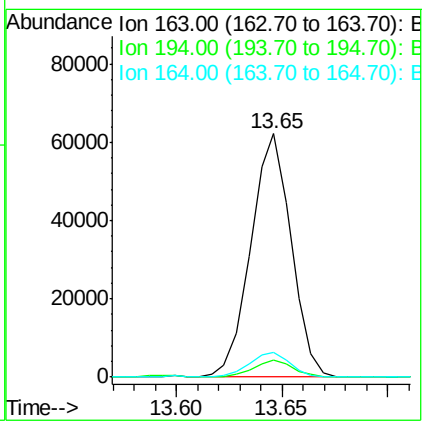


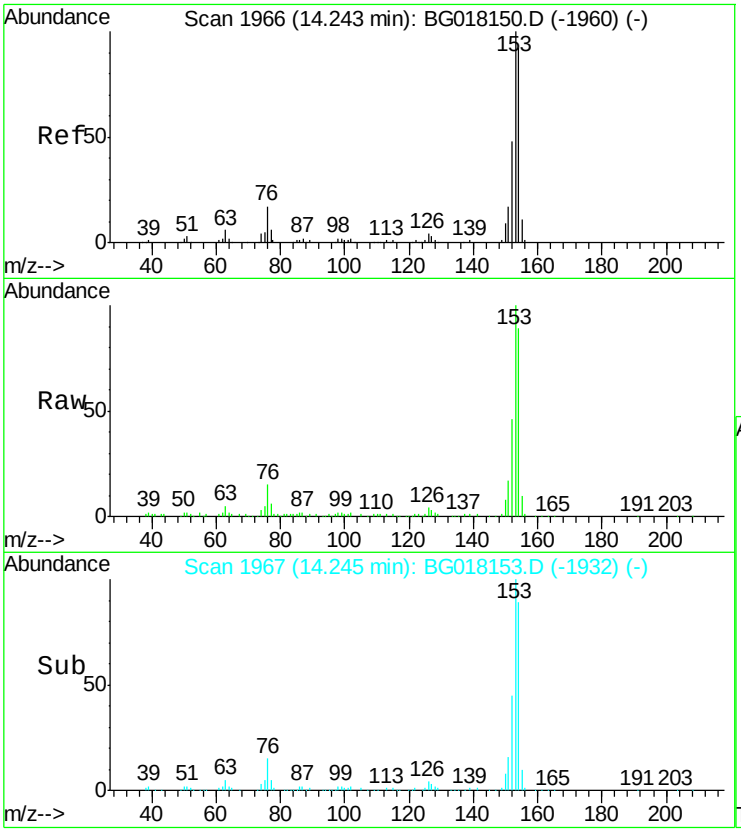


#45
Dimethylphthalate
Concen: 8.80 ng/ul
RT: 13.65 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Tgt Ion:163 Resp: 81897

Ion	Ratio	Lower	Upper
163	100		
194	6.9	5.4	8.2
164	10.2	8.7	13.1



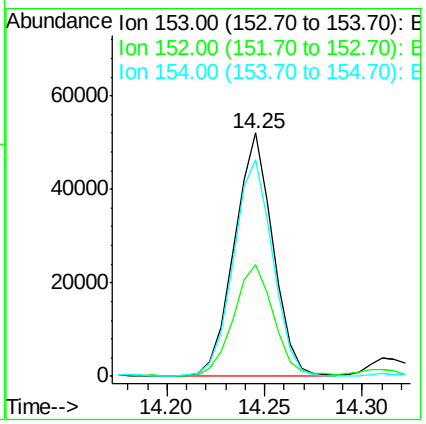


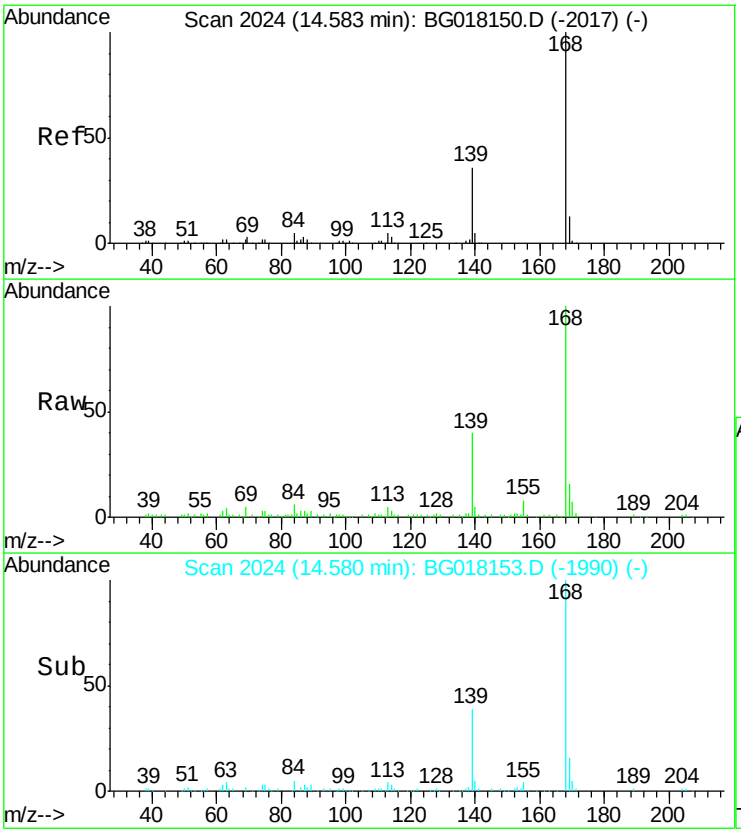
#50
Acenaphthene
Concen: 9.10 ng/ul
RT: 14.25 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Instrument :
BNA_G
ClientSampleId :
C02K6

Tgt Ion:153 Resp: 71046

Ion	Ratio	Lower	Upper
153	100		
152	46.0	38.9	58.3
154	89.1	72.6	108.8

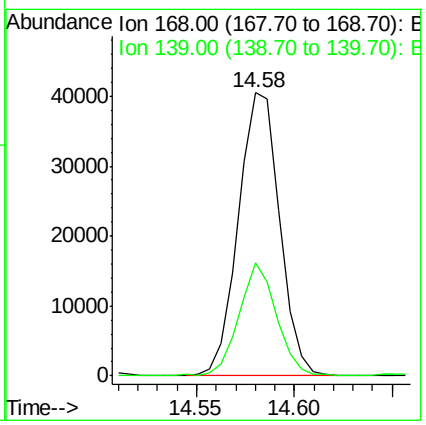


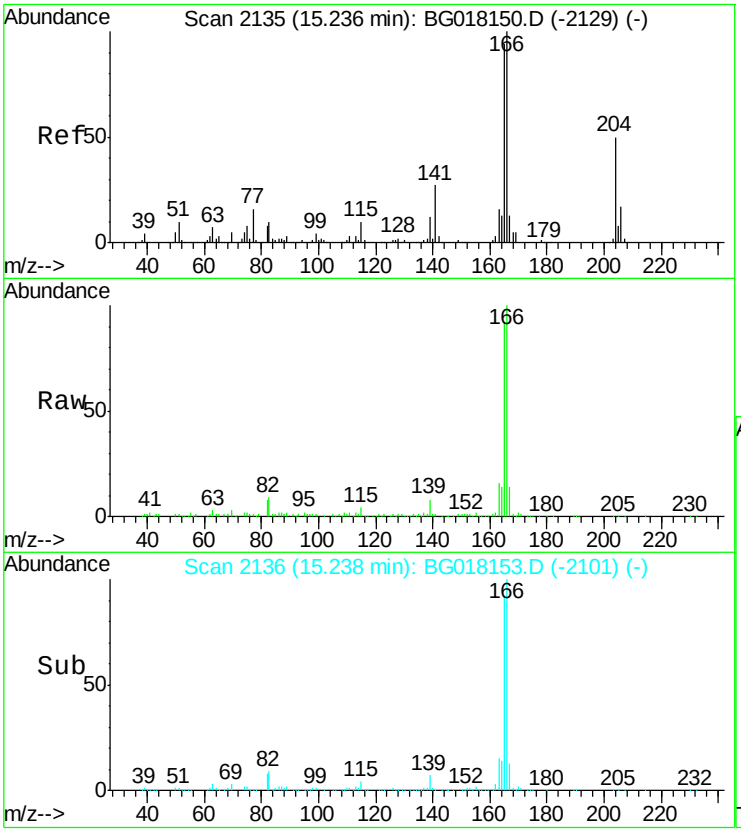


#54
Dibenzofuran
Concen: 5.32 ng/ul
RT: 14.58 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Tgt Ion:168 Resp: 59101

Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.6	46.0



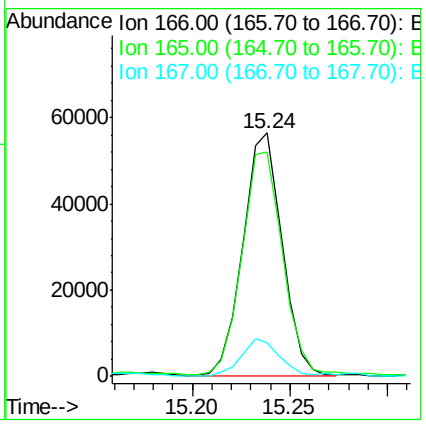


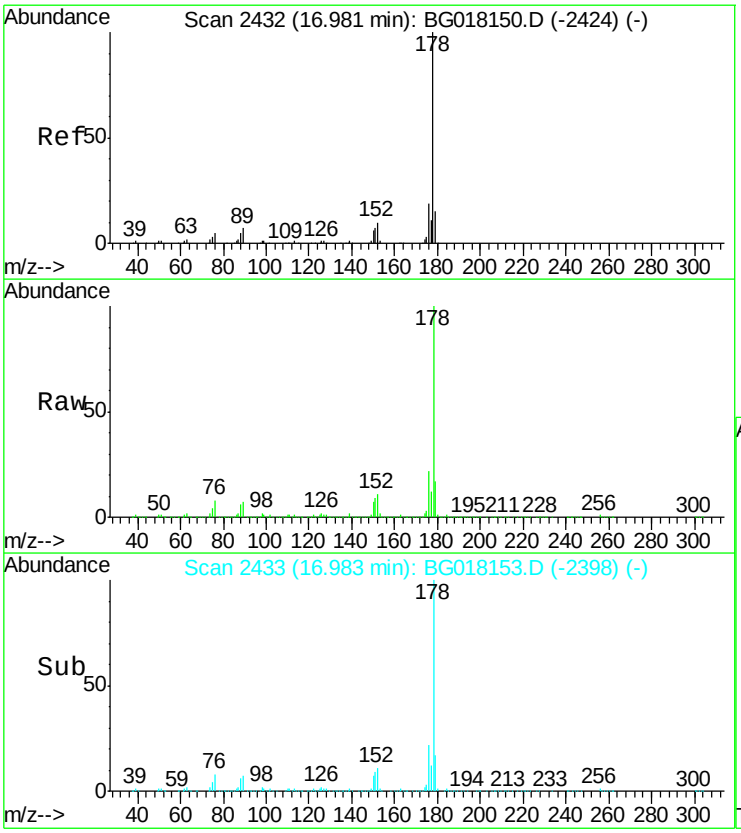
#59
Fluorene
Concen: 8.15 ng/ul
RT: 15.24 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Instrument :
BNA_G
ClientSampleId :
C02K6

Tgt Ion:166 Resp: 77898

Ion	Ratio	Lower	Upper
166	100		
165	92.4	73.6	110.4
167	13.8	10.8	16.2

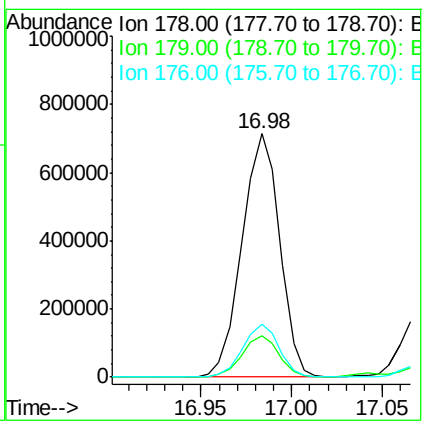


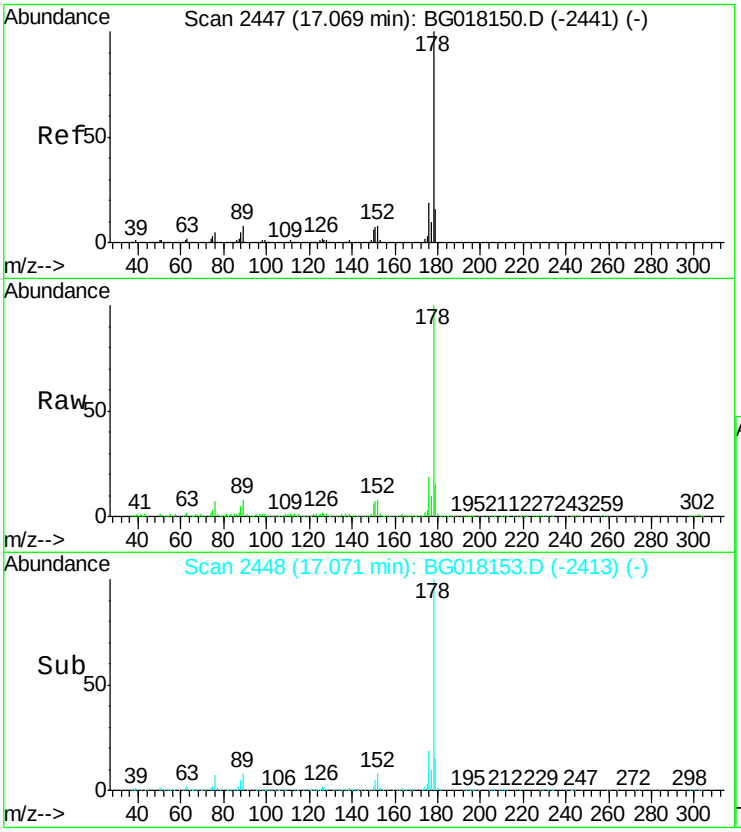


#70
Phenanthrene
Concen: 77.55 ng/ul
RT: 16.98 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Tgt Ion:178 Resp: 1028458

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.0	19.6
176	21.6	15.8	23.8



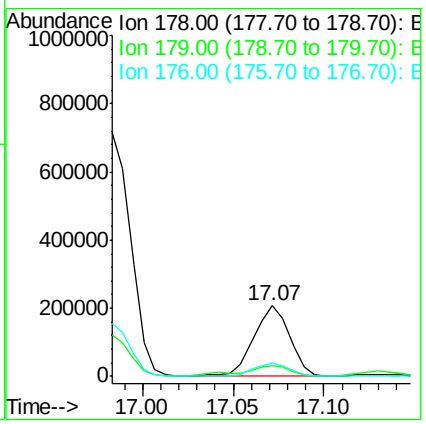


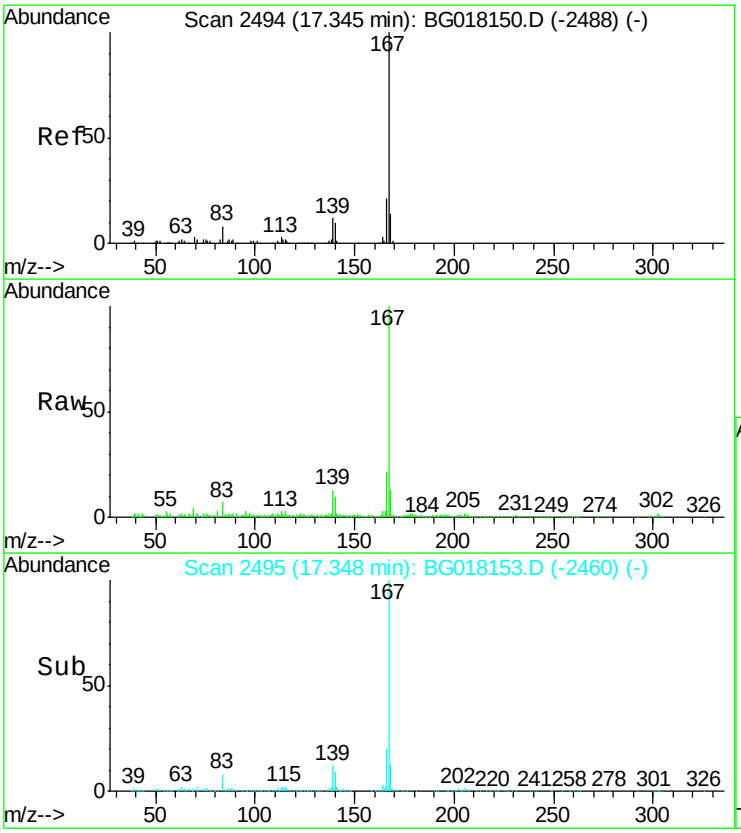
#72
Anthracene
Concen: 21.18 ng/ul
RT: 17.07 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Instrument :
BNA_G
ClientSampleId :
C02K6

Tgt Ion:178 Resp: 285206

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.6	15.8	23.8

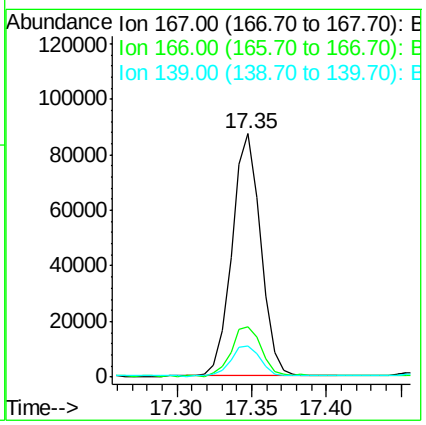


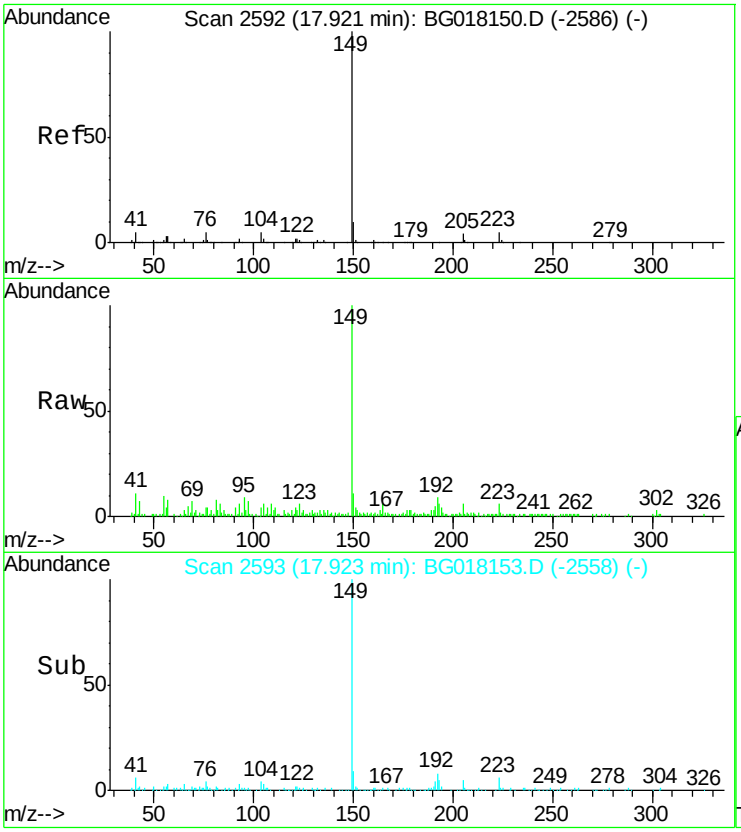


#75
Carbazole
Concen: 10.04 ng/ul
RT: 17.35 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Tgt Ion:167 Resp: 117118

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.2
139	12.9	10.6	15.8



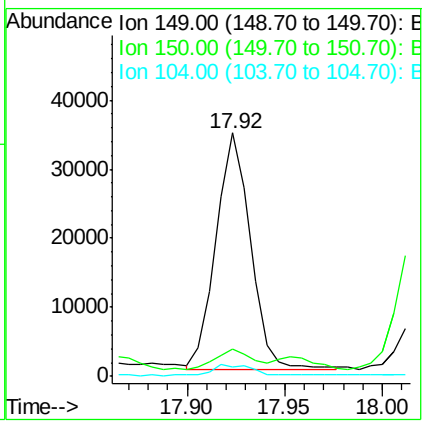


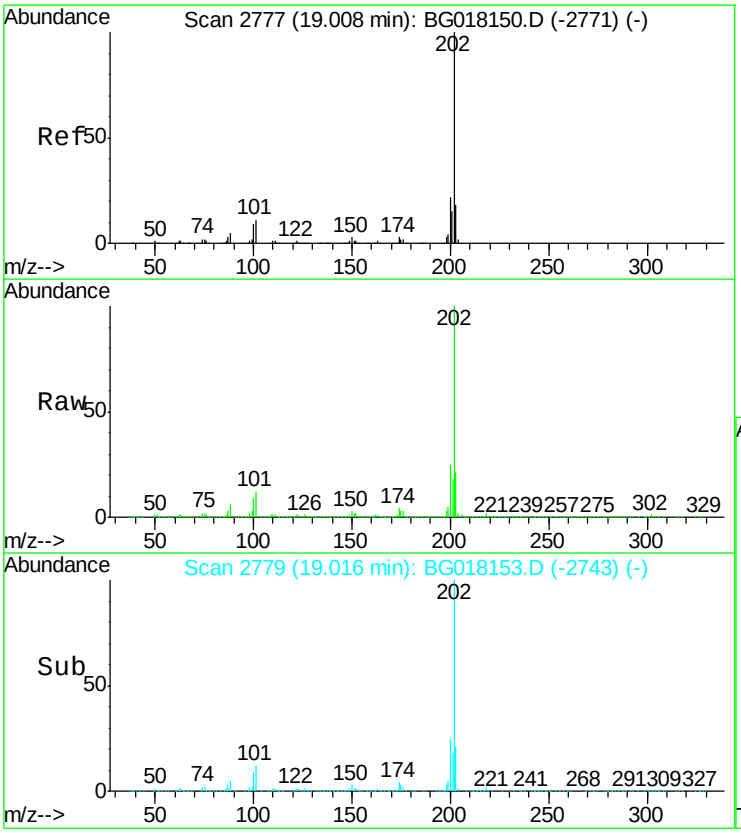
#76
Di-n-butylphthalate
Concen: 2.74 ng/ul
RT: 17.92 min Scan# 2593
Delta R.T. 0.00 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Instrument :
BNA_G
ClientSampleId :
C02K6

Tgt Ion:149 Resp: 42152

Ion	Ratio	Lower	Upper
149	100		
150	11.0	7.4	11.0
104	4.0	3.8	5.8

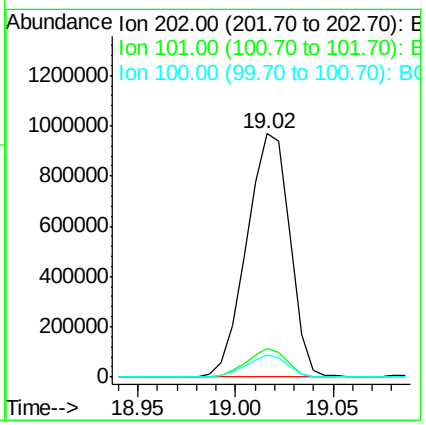


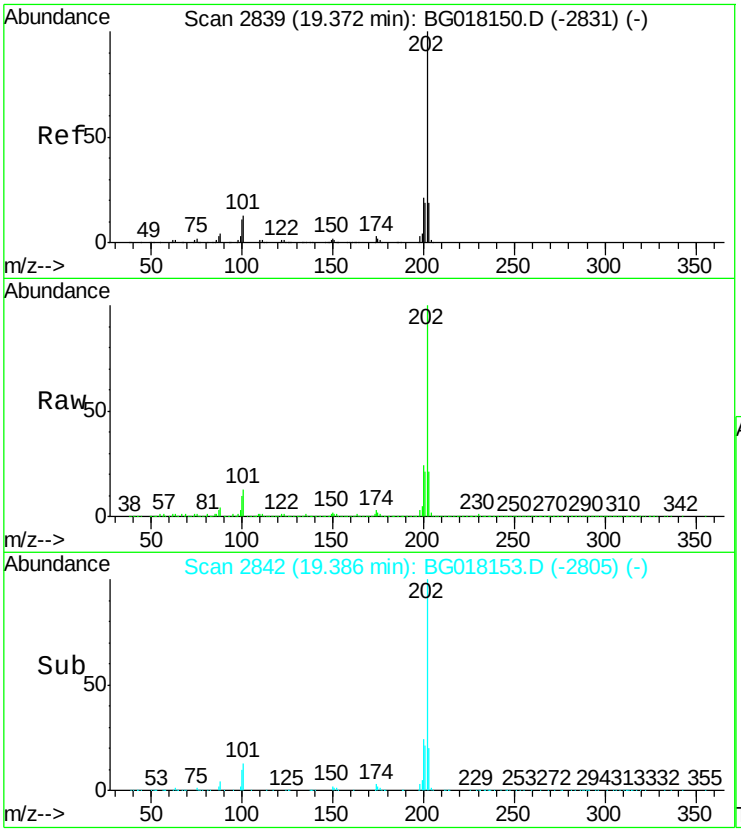


#77
Fluoranthene
Concen: 104.77 ng/ul
RT: 19.02 min Scan# 2779
Delta R.T. 0.01 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Tgt Ion:202 Resp: 1479989

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.1	13.7
100	9.3	7.5	11.3



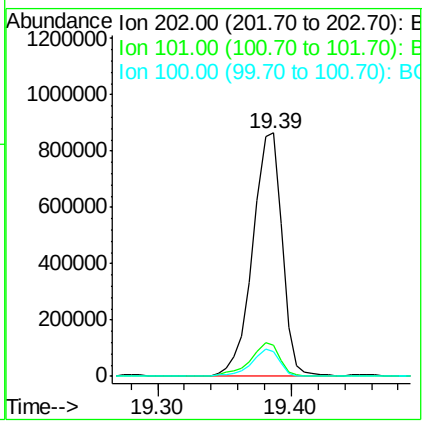


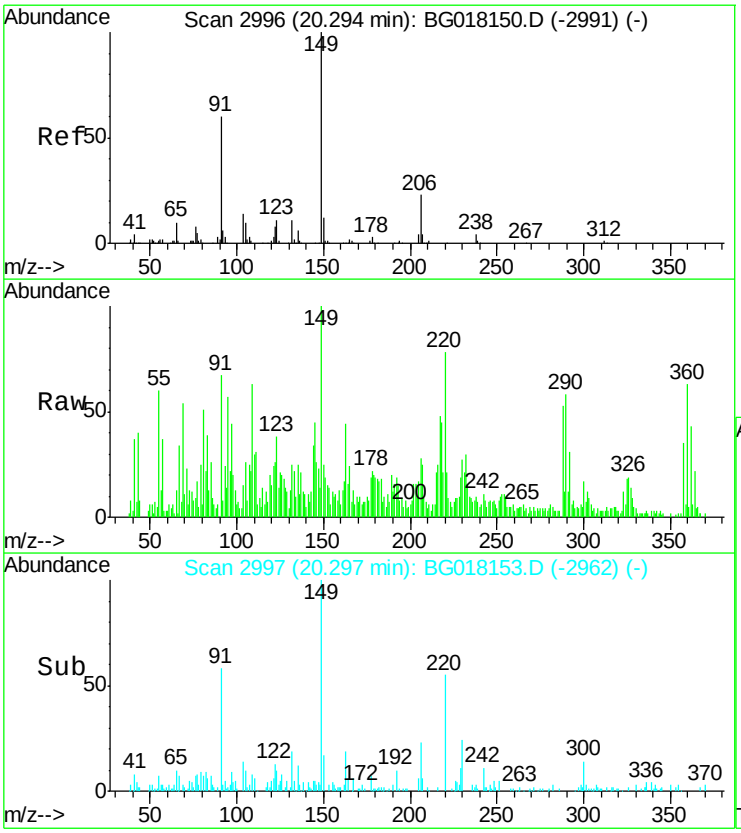
#80
Pyrene
Concen: 77.99 ng/ul
RT: 19.39 min Scan# 2842
Delta R.T. 0.01 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Instrument :
BNA_G
ClientSampleId :
C02K6

Tgt Ion:202 Resp: 1302034

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.9	16.3
100	10.4	8.5	12.7

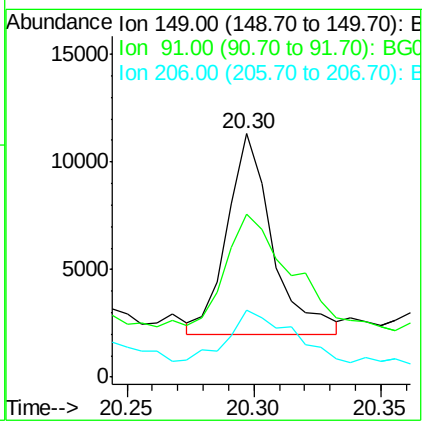


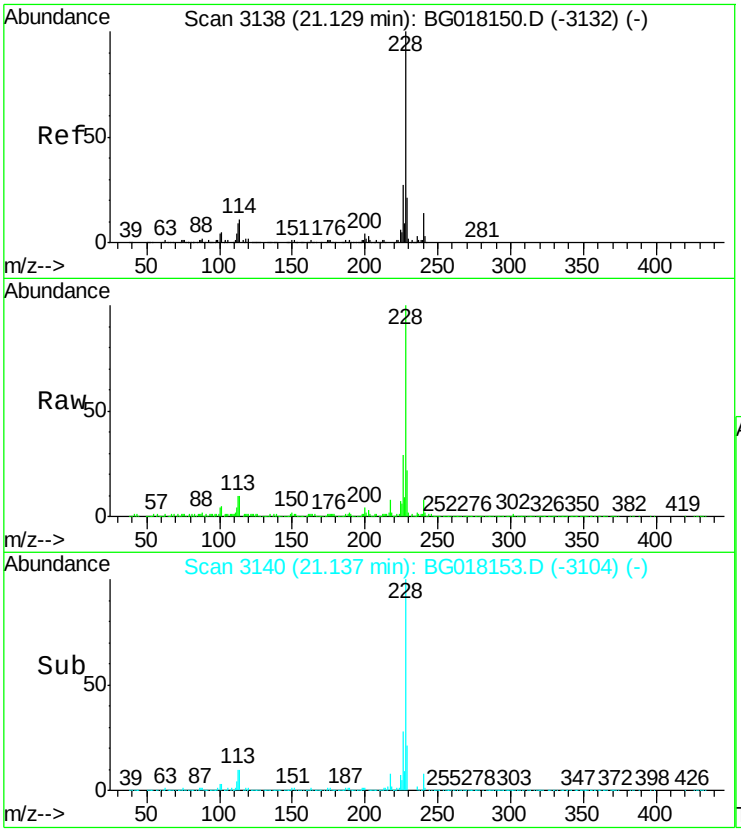


#81
Butylbenzylphthalate
Concen: 1.69 ng/ul
RT: 20.30 min Scan# 2997
Delta R.T. 0.00 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Tgt Ion:149 Resp: 11532

Ion	Ratio	Lower	Upper
149	100		
91	66.9	51.1	76.7
206	27.6	19.9	29.9



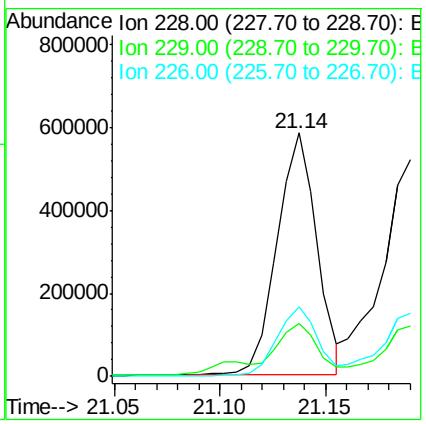


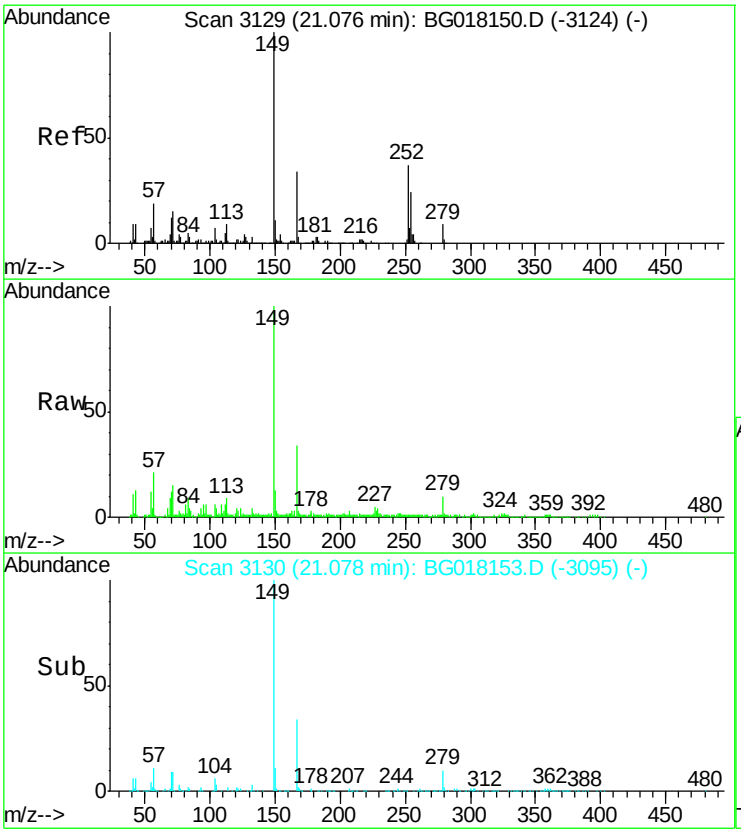
#83
Benzo(a)anthracene
Concen: 49.66 ng/ul
RT: 21.14 min Scan# 3140
Delta R.T. 0.01 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Instrument :
BNA_G
ClientSampleId :
C02K6

Tgt Ion:228 Resp: 765731

Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.6	24.8
226	28.5	21.1	31.7

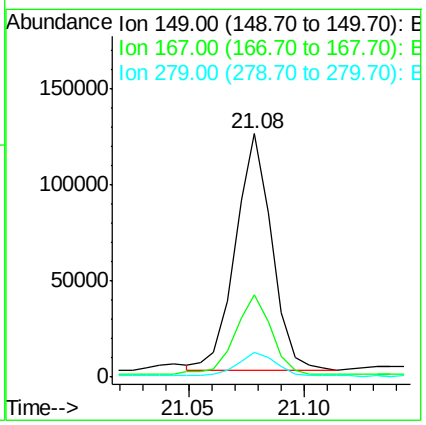


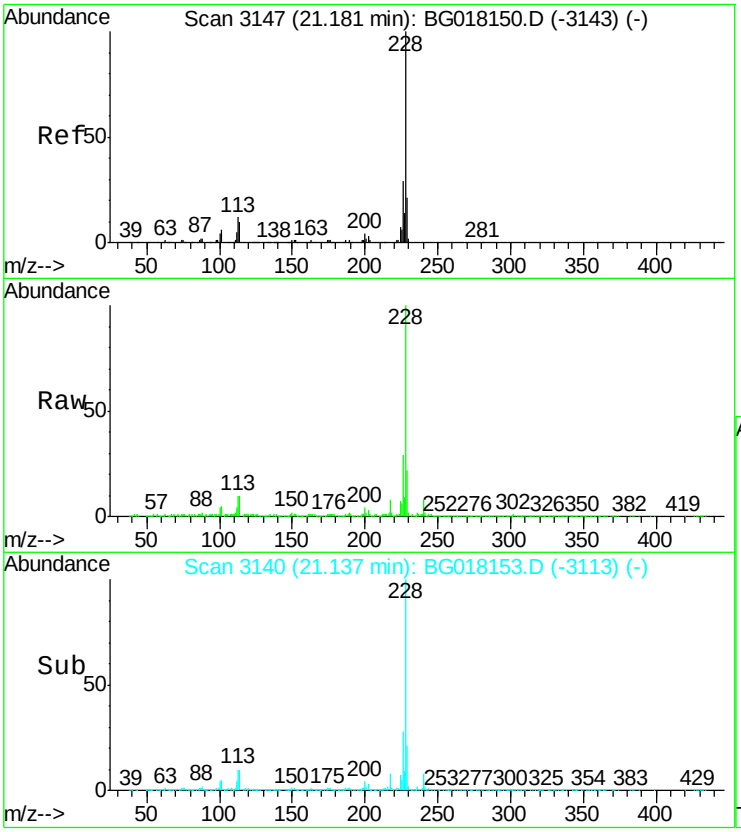


#84
Bis(2-ethylhexyl)phthalate
Concen: 13.79 ng/ul
RT: 21.08 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Tgt Ion:149 Resp: 135020

Ion	Ratio	Lower	Upper
149	100		
167	33.7	26.2	39.4
279	10.1	7.2	10.8



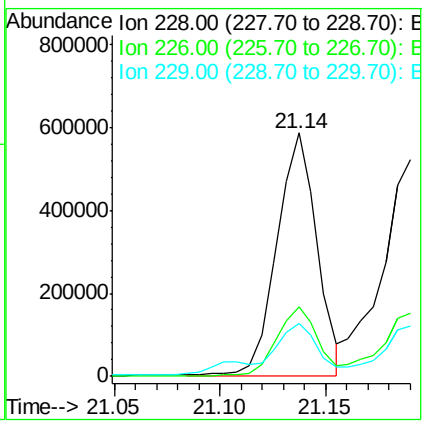


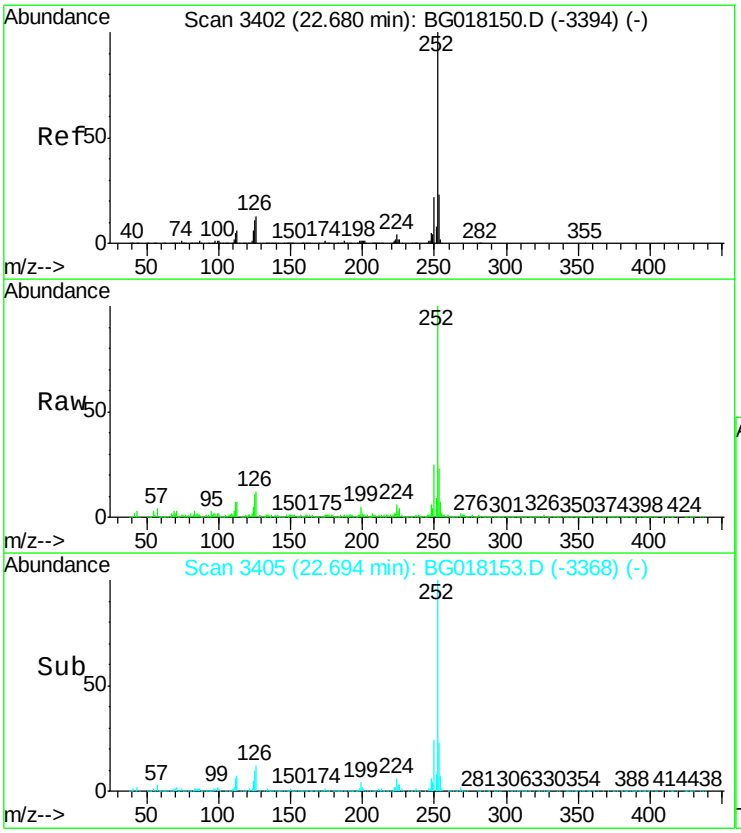
#85
Chrysene
Concen: 53.25 ng/ul
RT: 21.14 min Scan# 3140
Delta R.T. -0.04 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Instrument :
BNA_G
ClientSampleId :
C02K6

Tgt Ion:228 Resp: 773136

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.9	34.3
229	21.9	15.6	23.4

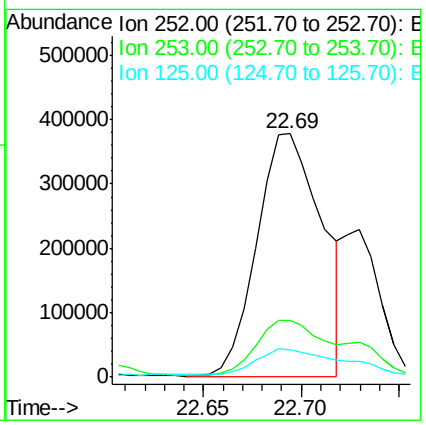


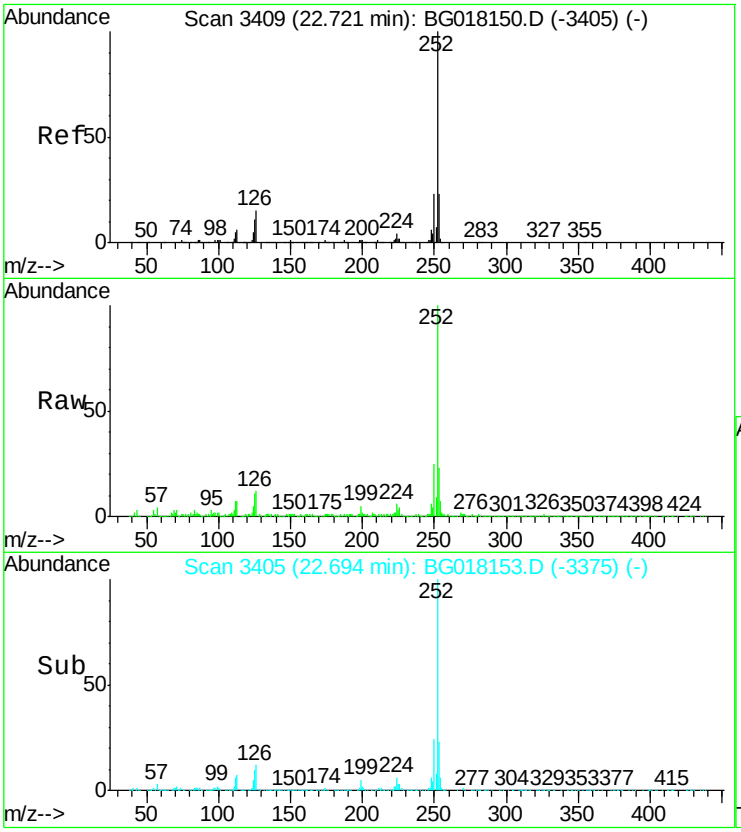


#88
Benzo(b)fluoranthene
Concen: 52.16 ng/ul
RT: 22.69 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Tgt Ion:252 Resp: 869619

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	11.2	9.1	13.7



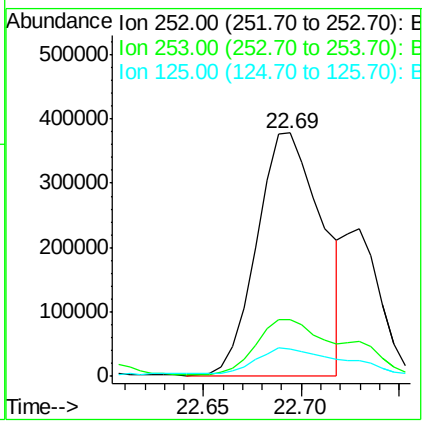


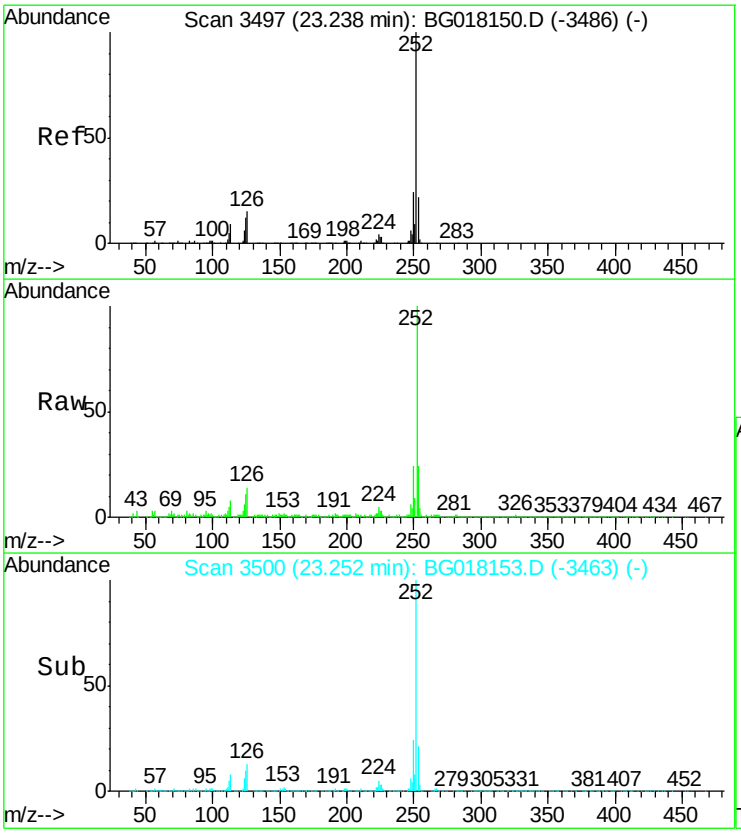
#89
Benzo(k)fluoranthene
Concen: 53.89 ng/ul
RT: 22.69 min Scan# 3405
Delta R.T. -0.03 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Instrument :
BNA_G
ClientSampleId :
C02K6

Tgt Ion:252 Resp: 869619

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	11.2	9.3	13.9

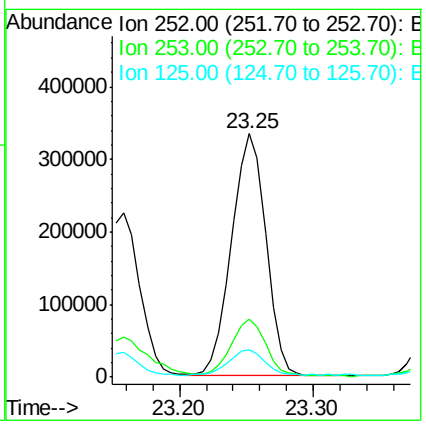


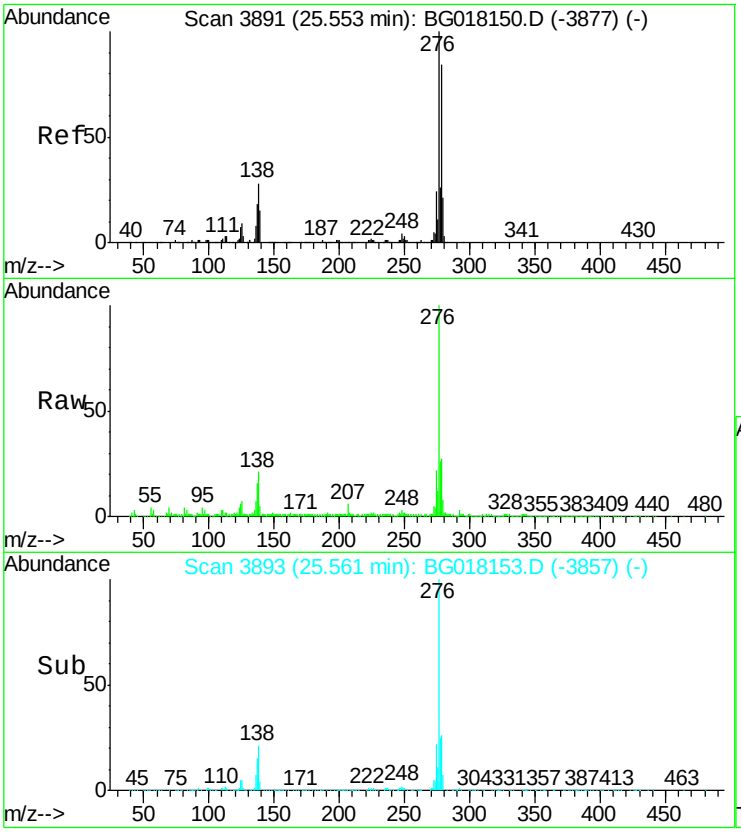


#91
Benzo(a)pyrene
Concen: 37.00 ng/ul
RT: 23.25 min Scan# 3500
Delta R.T. 0.01 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Tgt Ion:252 Resp: 597349

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	11.3	10.2	15.2



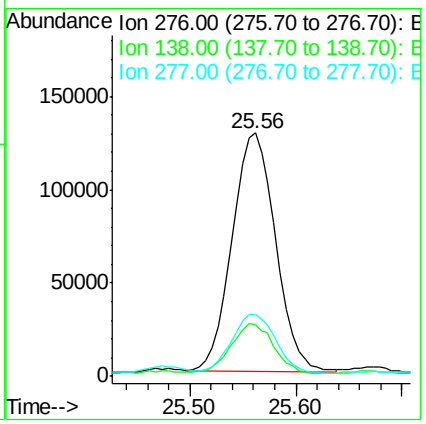


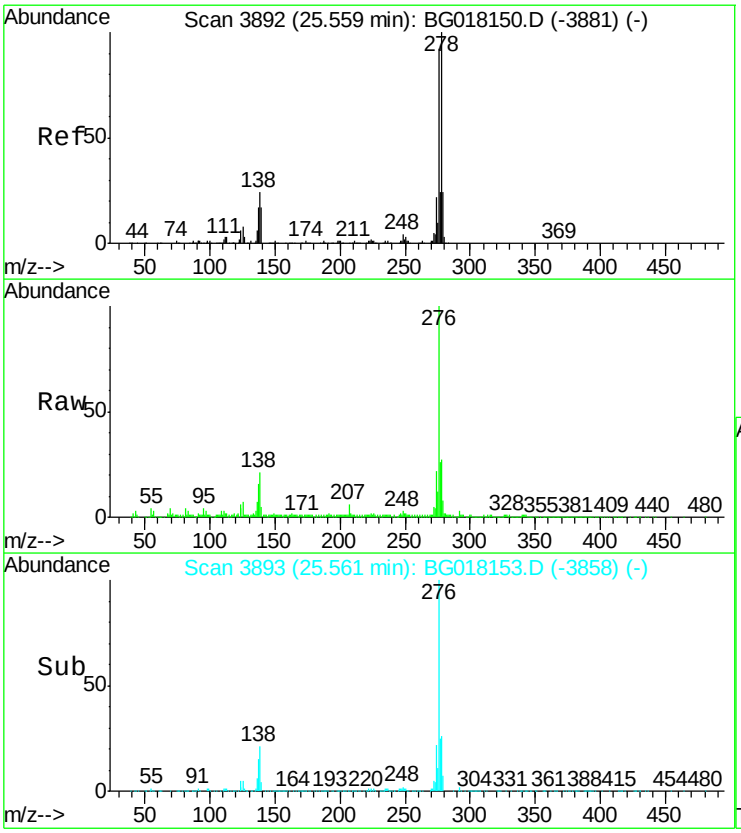
#92
Indeno(1,2,3-cd)pyrene
Concen: 19.59 ng/ul
RT: 25.56 min Scan# 3893
Delta R.T. 0.01 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Instrument :
BNA_G
ClientSampleId :
C02K6

Tgt Ion:276 Resp: 365003

Ion	Ratio	Lower	Upper
276	100		
138	21.2	22.6	33.8#
277	25.6	19.8	29.8

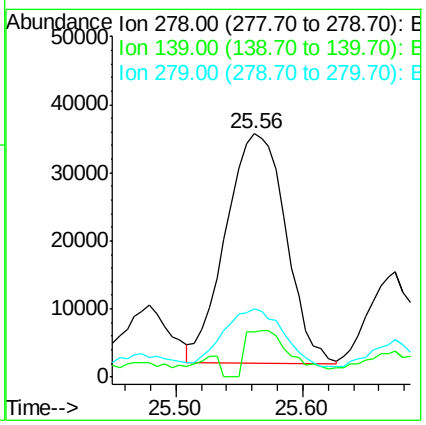


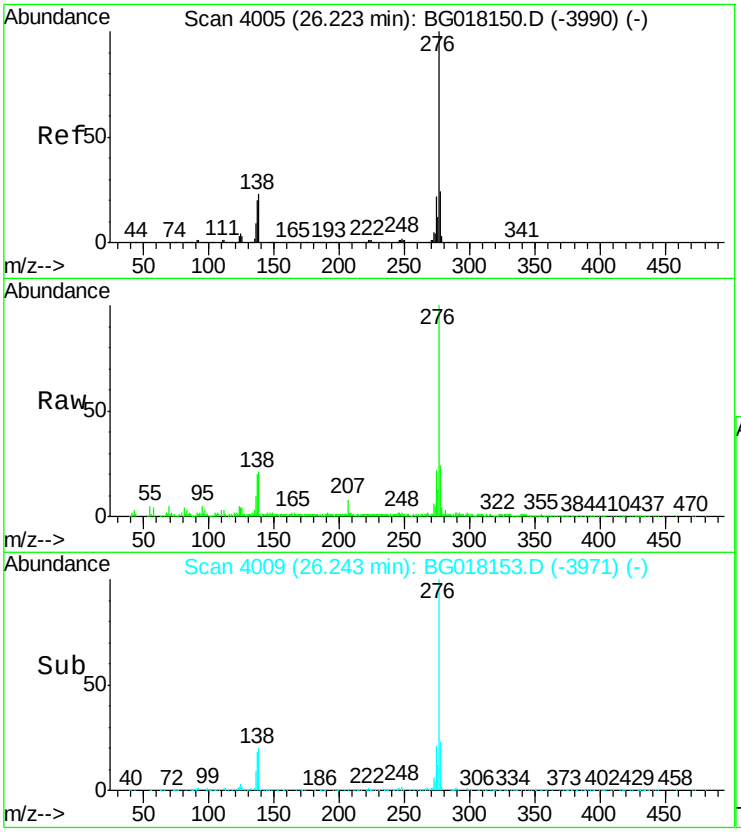


#93
Dibenzo(a,h)anthracene
Concen: 6.99 ng/ul
RT: 25.56 min Scan# 3893
Delta R.T. 0.00 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Tgt Ion:278 Resp: 111174

Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.7	20.5
279	28.1	18.1	27.1#





#94
Benzo(g,h,i)perylene
Concen: 21.14 ng/ul
RT: 26.24 min Scan# 4009
Delta R.T. 0.02 min
Lab File: BG018153.D
Acq: 28 Jul 2015 19:11

Instrument :
BNA_G
ClientSampleId :
C02K6

Tgt Ion:276 Resp: 325455

Ion	Ratio	Lower	Upper
276	100		
138	21.2	18.8	28.2
277	24.2	19.3	28.9