Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018154.D
Acq On : 28 Jul 2015 19:47
Operator : TP/UM
Sample : G3048-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01X0

Quant Time: Jul 29 02:02:26 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	49920	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	223024	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	132785	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	267206	20.00	ng/ul	0.01
78) Chrysene-d12	21.15	240	299468	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	311911	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	1589	1.99	ng/uL	0.00
5) Phenol-d5	6.70	99	42024	10.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	21594	11.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	43095	12.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	28611	8.38	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	23330	13.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	25465	13.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	40716	12.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	17771	4.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	121469	13.03	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	151497	13.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	9633	4.91	ng/ul	0.00
58) Fluorene-d10	15.18	176	110989	12.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	6238	3.65	ng/ul	0.00
71) Anthracene-d10	17.04	188	151441	13.09	ng/ul	0.00
79) Pyrene-d10	19.35	212	161062	11.74	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.21	264	171264	11.51	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.34	128	29217	2.80	ng/ul#	96
34) 2-Methylnaphthalene	11.97	142	16229	2.06	ng/ul	90
35) 1-Methylnaphthalene	12.19	142	12748	1.66	ng/ul	99
45) Dimethylphthalate	13.65	163	54998	5.86	ng/ul	99
48) Acenaphthylene	13.90	152	12300	1.02	ng/ul#	70
50) Acenaphthene	14.25	153	26228	3.33	ng/ul	96
54) Dibenzofuran	14.58	168	24209	2.16	ng/ul	90
59) Fluorene	15.24	166	42241	4.38	ng/ul	98
65) N-Nitrosodiphenylamine	15.47	169	18708	2.57	ng/ul#	48
70) Phenanthrene	16.99	178	513984	38.28	ng/ul	99
72) Anthracene	17.07	178	107047	7.85	ng/ul	97
75) Carbazole	17.35	167	30470	2.58	ng/ul#	79
76) Di-n-butylphthalate	17.93	149	32852	2.11	ng/ul#	86
77) Fluoranthene	19.02	202	685384	47.92	ng/ul	96
80) Pyrene	19.38	202	685208	39.96	ng/ul	97
83) Benzo(a)anthracene	21.14	228	373364	23.57	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.08	149	21669	2.16	ng/ul#	86
85) Chrysene	21.14	228	374038	25.08	ng/ul	96
88) Benzo(b)fluoranthene	22.70	252	470770	27.55	ng/ul	97
89) Benzo(k)fluoranthene	22.70	252	470770	28.46	ng/ul	96
91) Benzo(a)pyrene	23.25	252	336049	20.31	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.57	276	223239	11.69	ng/ul#	92
93) Dibenzo(a,h)anthracene	25.58	278	68353	4.19	ng/ul#	88

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018154.D
Acq On : 28 Jul 2015 19:47
Operator : TP/UM
Sample : G3048-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01X0

Quant Time: Jul 29 02:02:26 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)
94) Benzo(g,h,i)perylene	26.25	276	210328	13.33	ng/ul	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018154.D
Acq On : 28 Jul 2015 19:47
Operator : TP/UM
Sample : G3048-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
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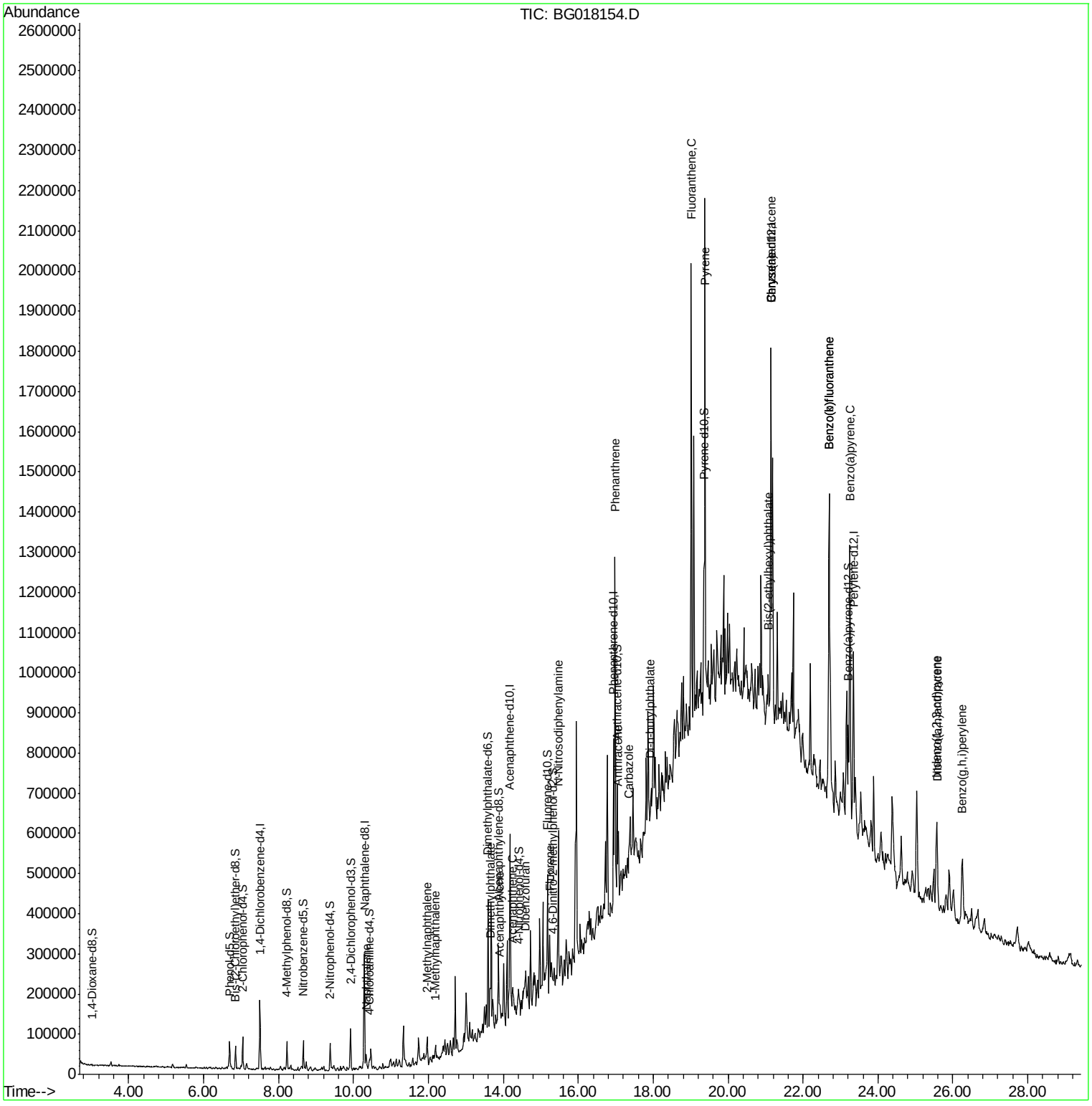
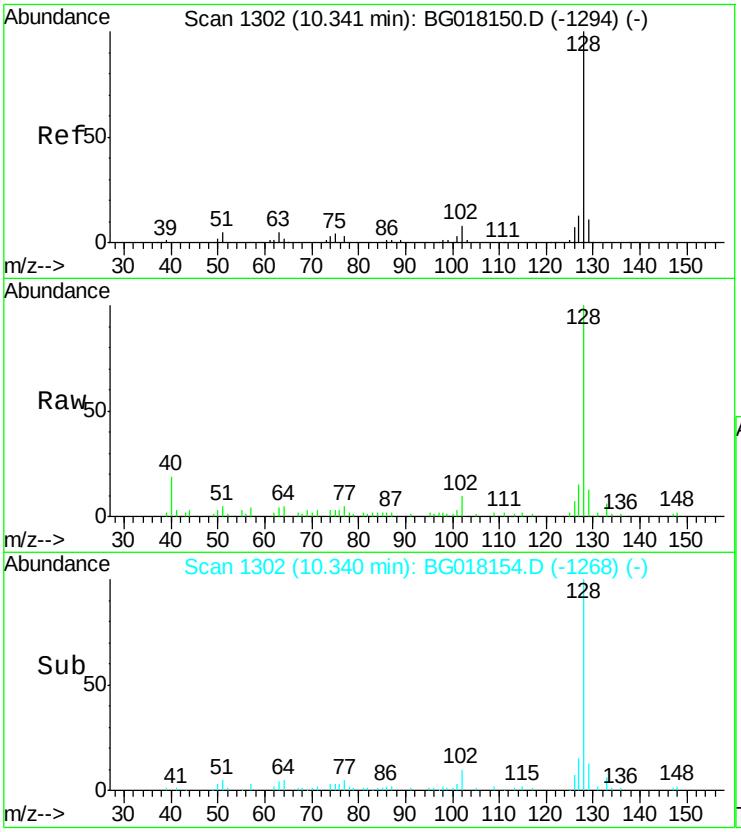
Quant Time: Jul 29 02:02:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 01:59:28 2015
Response via : Initial Calibration



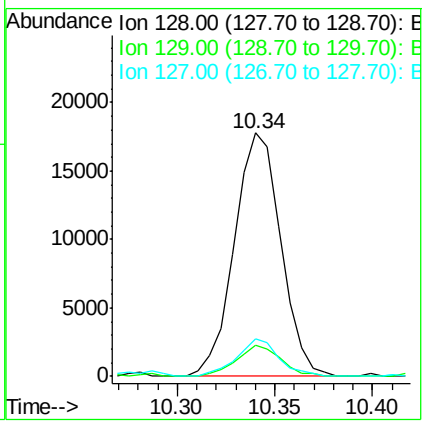


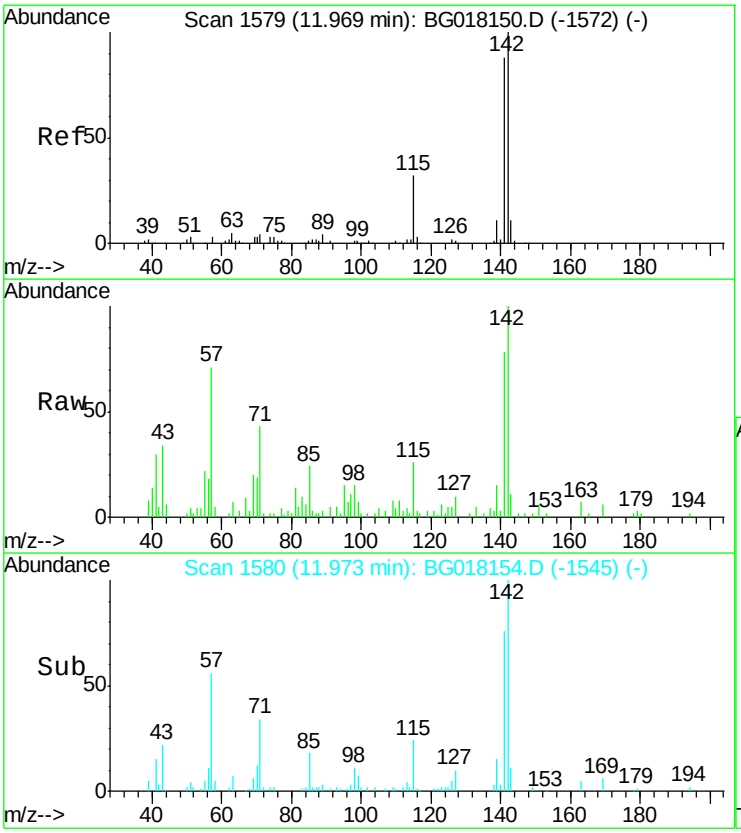
#28
Naphthalene
Concen: 2.80 ng/ul
RT: 10.34 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Instrument :
BNA_G
ClientSampleId :
C01X0

Tgt Ion:128 Resp: 29217

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.5	14.3
127	15.3	10.1	15.1#

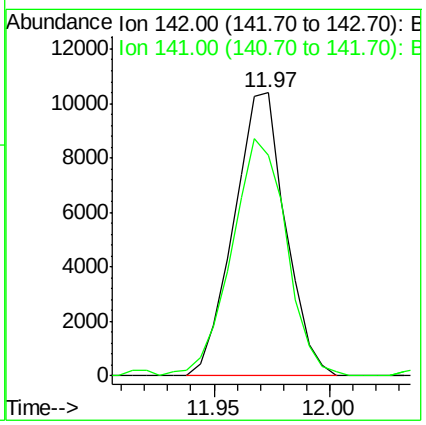


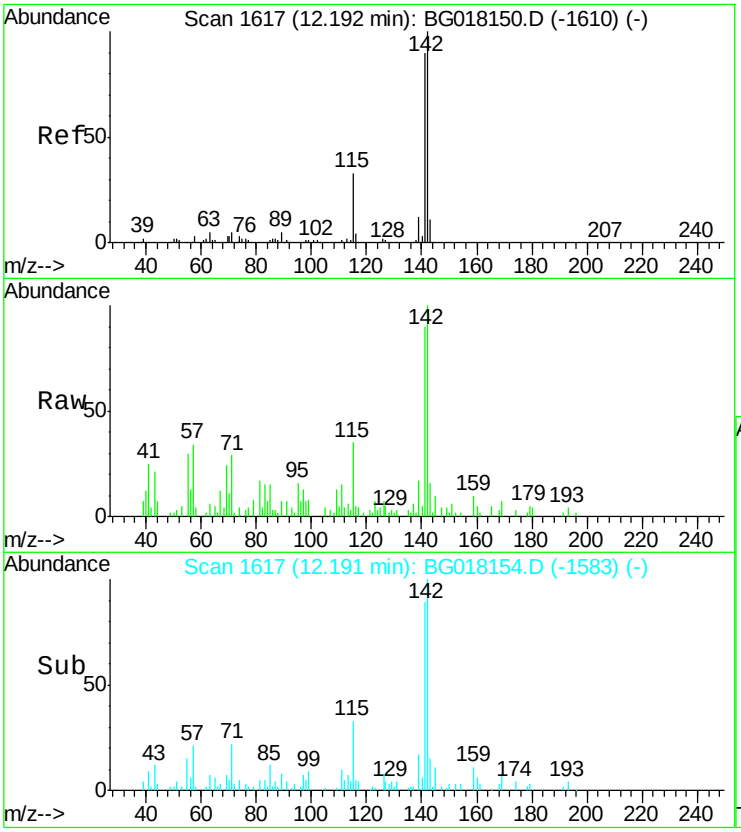


#34
2-Methylnaphthalene
Concen: 2.06 ng/ul
RT: 11.97 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Tgt Ion:142 Resp: 16229

Ion	Ratio	Lower	Upper
142	100		
141	77.8	69.4	104.0



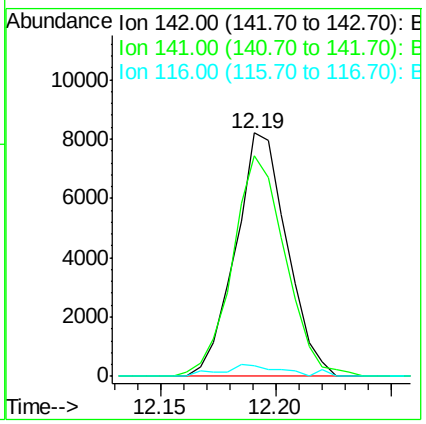


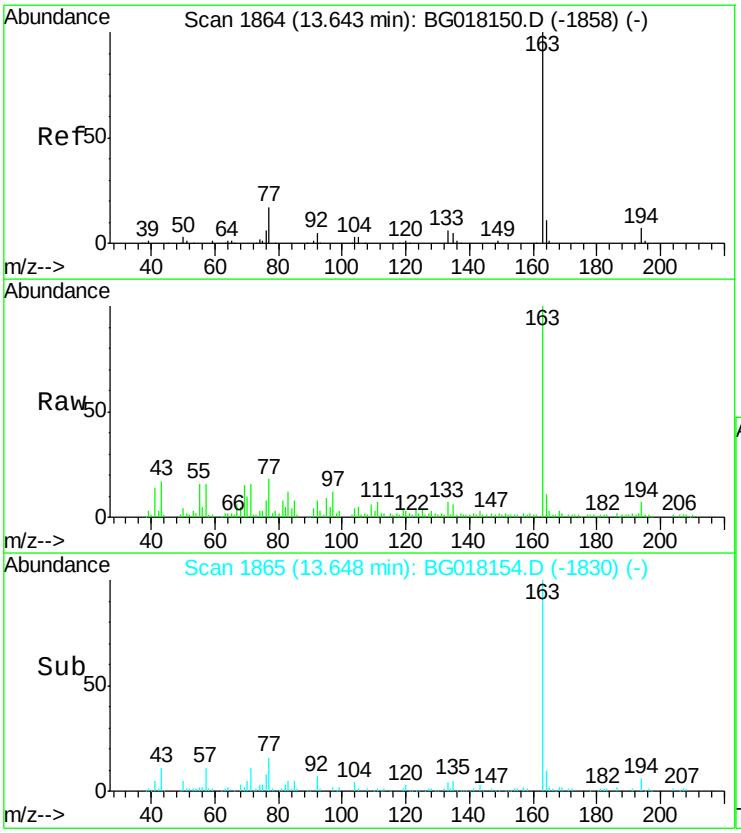
#35
1-Methylnaphthalene
Concen: 1.66 ng/ul
RT: 12.19 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Instrument :
BNA_G
ClientSampleId :
C01X0

Tgt Ion:142 Resp: 12748

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.8	107.6
116	4.5	3.2	4.8

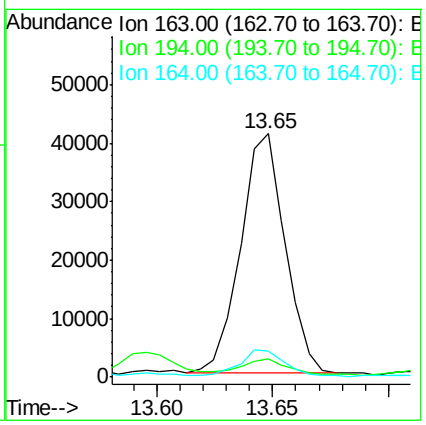


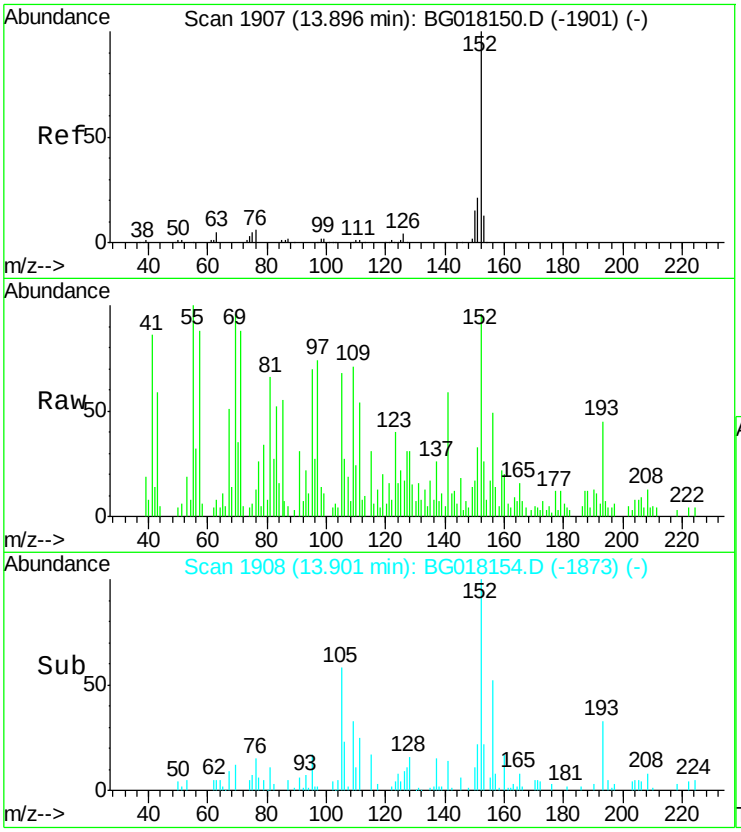


#45
Dimethylphthalate
Concen: 5.86 ng/ul
RT: 13.65 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Tgt Ion:163 Resp: 54998

Ion	Ratio	Lower	Upper
163	100		
194	7.3	5.4	8.2
164	10.7	8.7	13.1



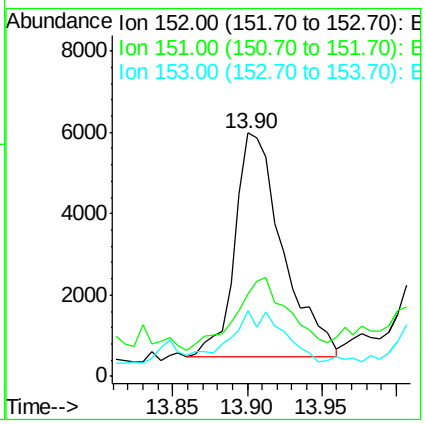


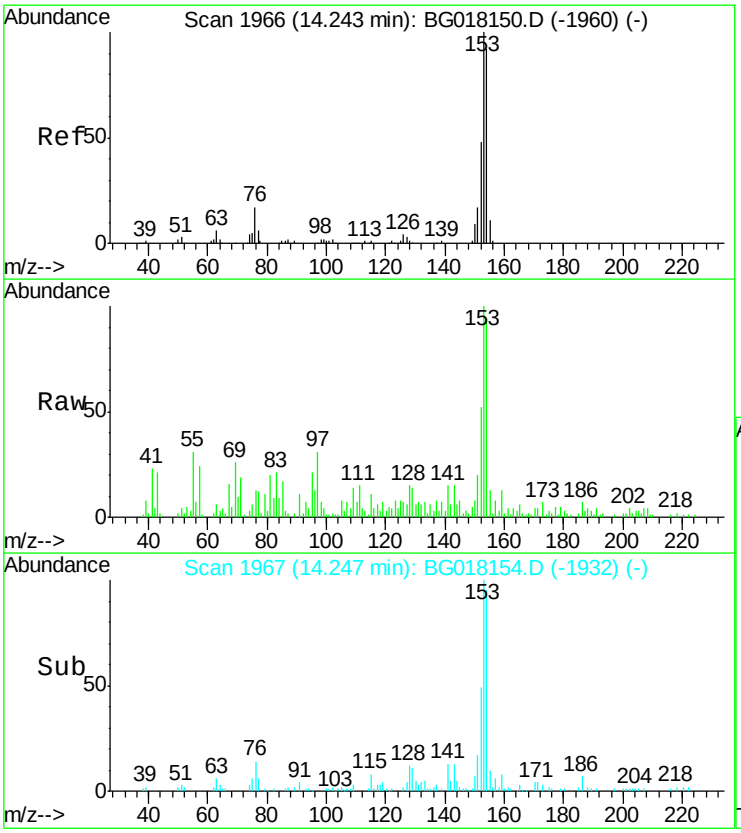
#48
Acenaphthylene
Concen: 1.02 ng/ul
RT: 13.90 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Instrument :
BNA_G
ClientSampleId :
C01X0

Tgt Ion:152 Resp: 12300

Ion	Ratio	Lower	Upper
152	100		
151	34.0	16.6	25.0#
153	26.9	11.3	16.9#

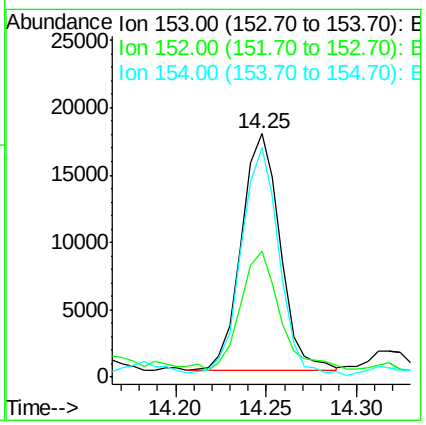


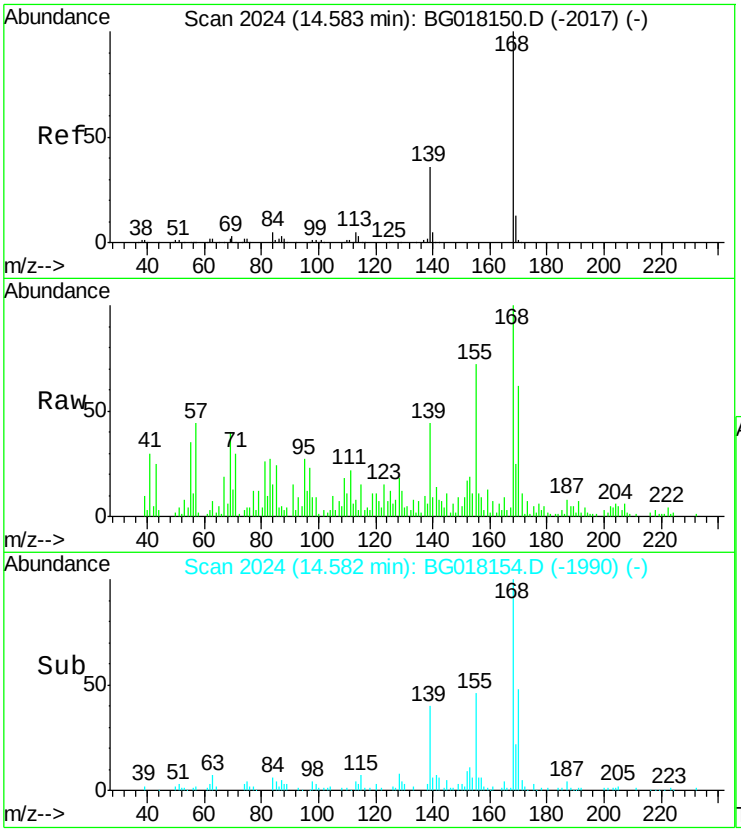


#50
Acenaphthene
Concen: 3.33 ng/ul
RT: 14.25 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Tgt Ion:153 Resp: 26228

Ion	Ratio	Lower	Upper
153	100		
152	51.8	38.9	58.3
154	94.2	72.6	108.8



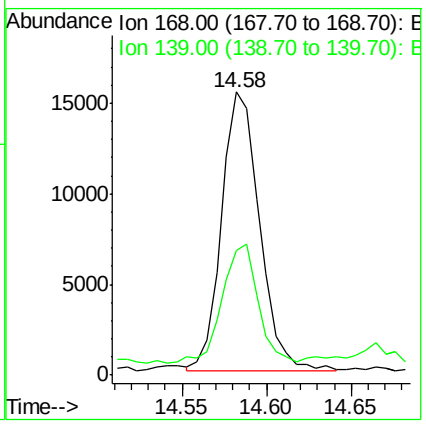


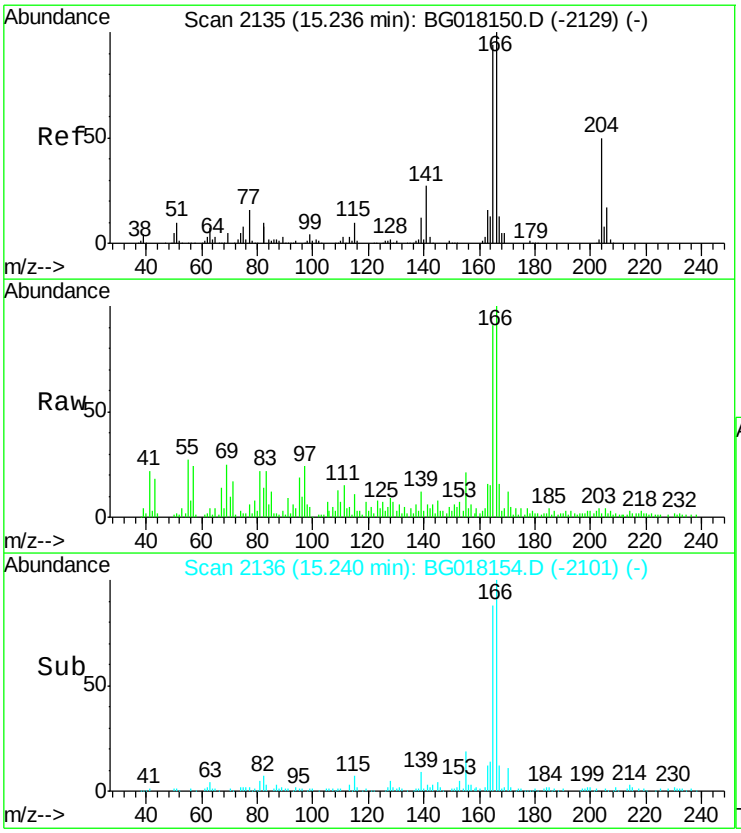
#54
Dibenzofuran
Concen: 2.16 ng/ul
RT: 14.58 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Instrument :
BNA_G
ClientSampleId :
C01X0

Tgt Ion:168 Resp: 24209

Ion	Ratio	Lower	Upper
168	100		
139	44.1	30.6	46.0

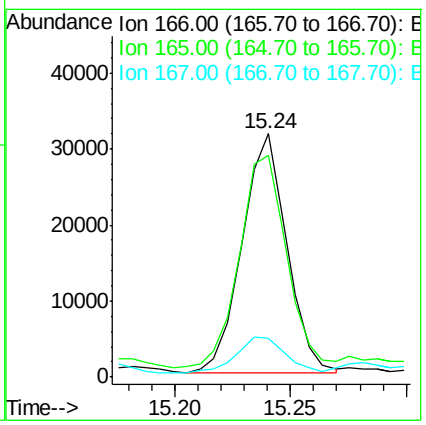


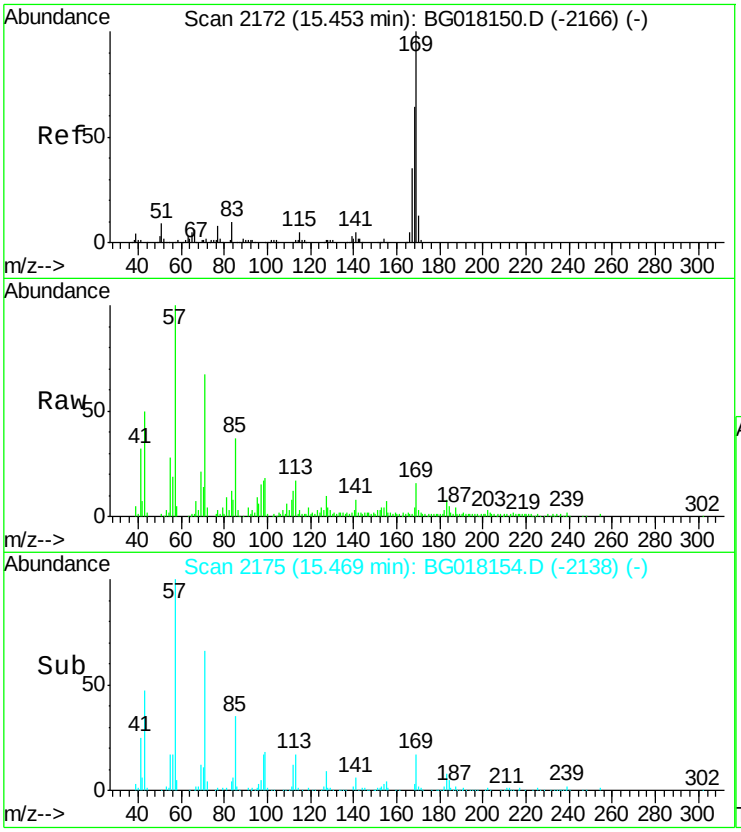


#59
Fluorene
Concen: 4.38 ng/ul
RT: 15.24 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Tgt Ion:166 Resp: 42241

Ion	Ratio	Lower	Upper
166	100		
165	91.0	73.6	110.4
167	16.1	10.8	16.2



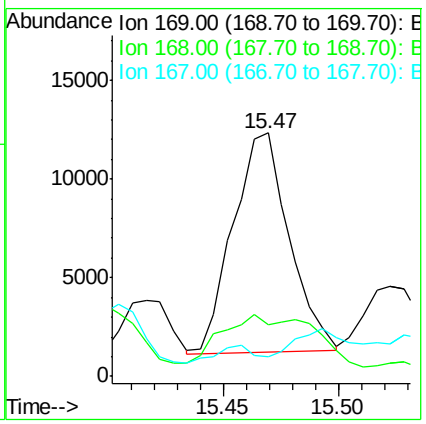


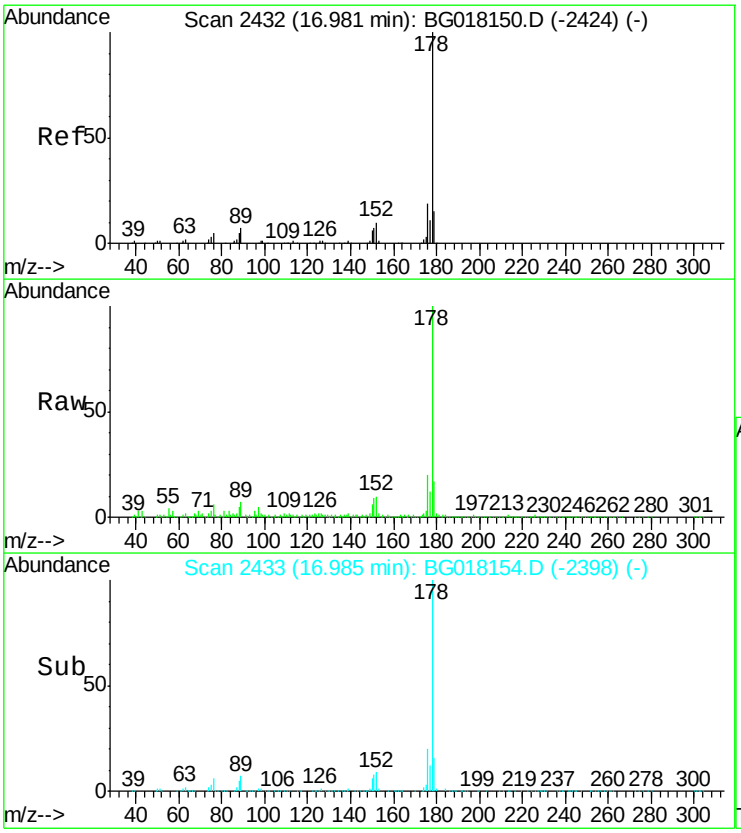
#65
N-Nitrosodiphenylamine
Concen: 2.57 ng/ul
RT: 15.47 min Scan# 2175
Delta R.T. 0.02 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Instrument :
BNA_G
ClientSampleId :
C01X0

Tgt Ion:169 Resp: 18708

Ion	Ratio	Lower	Upper
169	100		
168	21.4	52.5	78.7#
167	8.1	27.4	41.0#

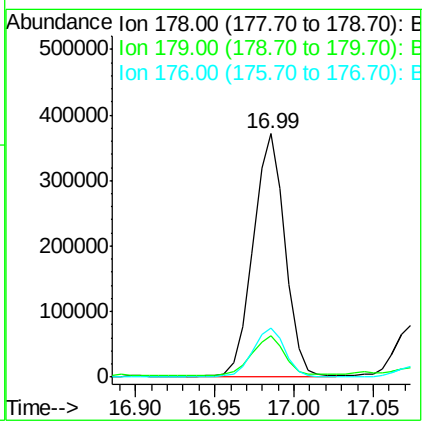


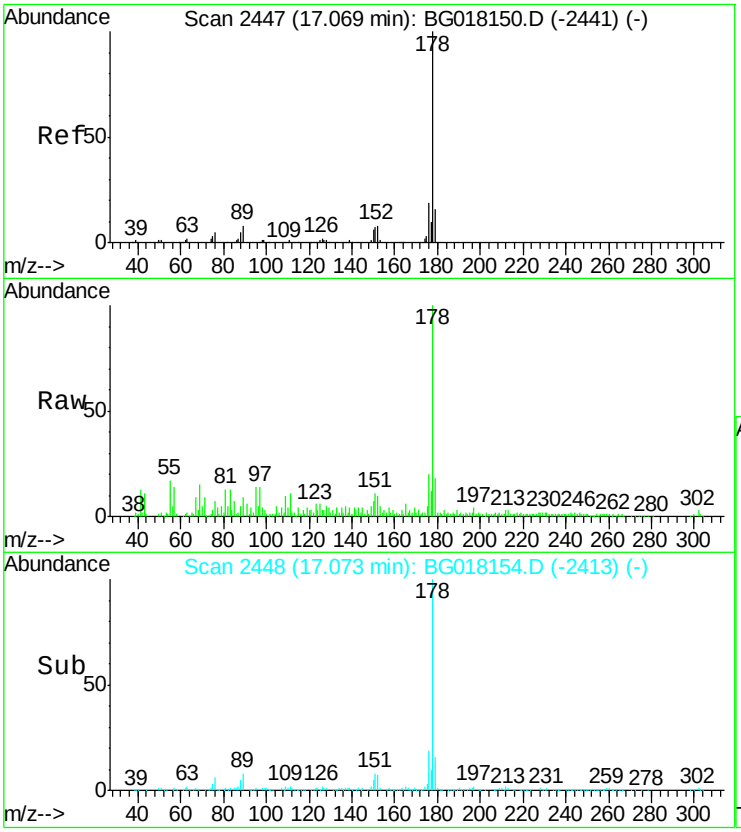


#70
Phenanthrene
Concen: 38.28 ng/ul
RT: 16.99 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Tgt Ion:178 Resp: 513984

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.0	19.6
176	20.0	15.8	23.8



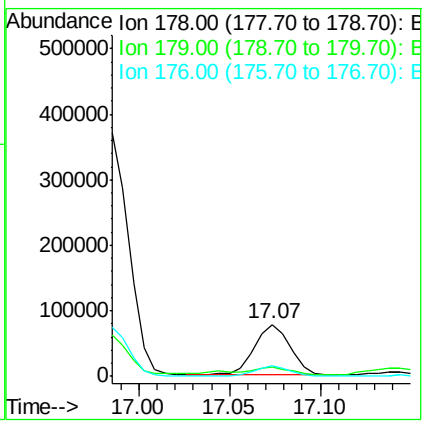


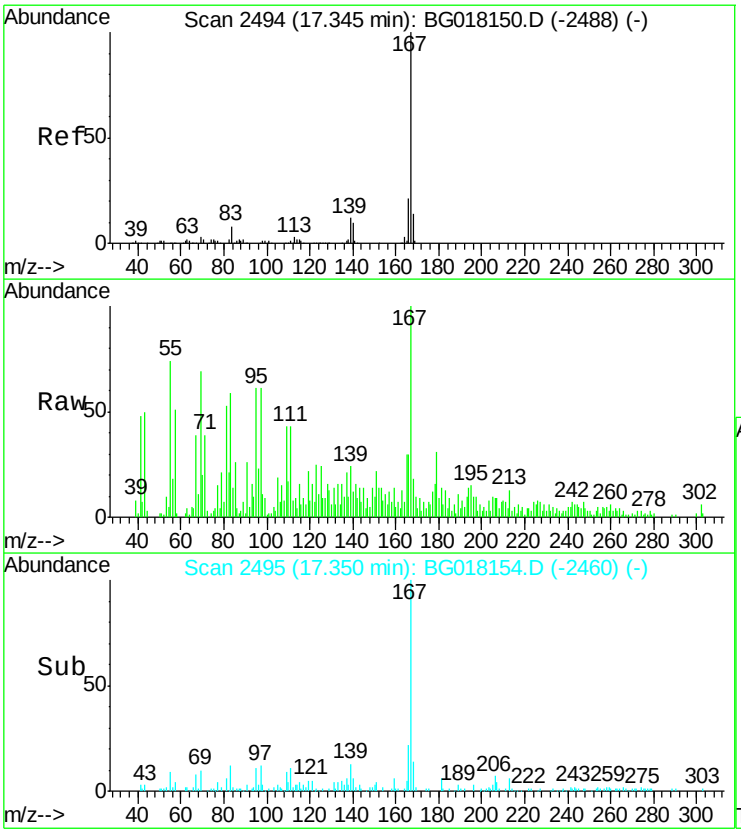
#72
Anthracene
Concen: 7.85 ng/ul
RT: 17.07 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Instrument :
BNA_G
ClientSampleId :
C01X0

Tgt Ion:178 Resp: 107047

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.4	18.6
176	19.7	15.8	23.8

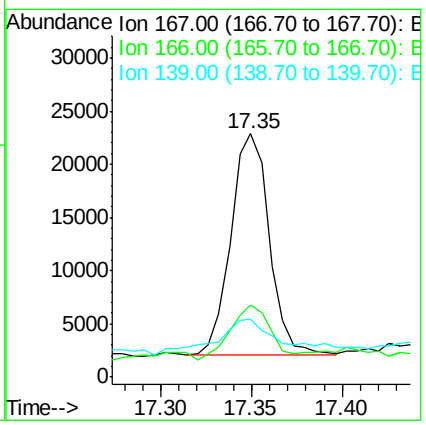


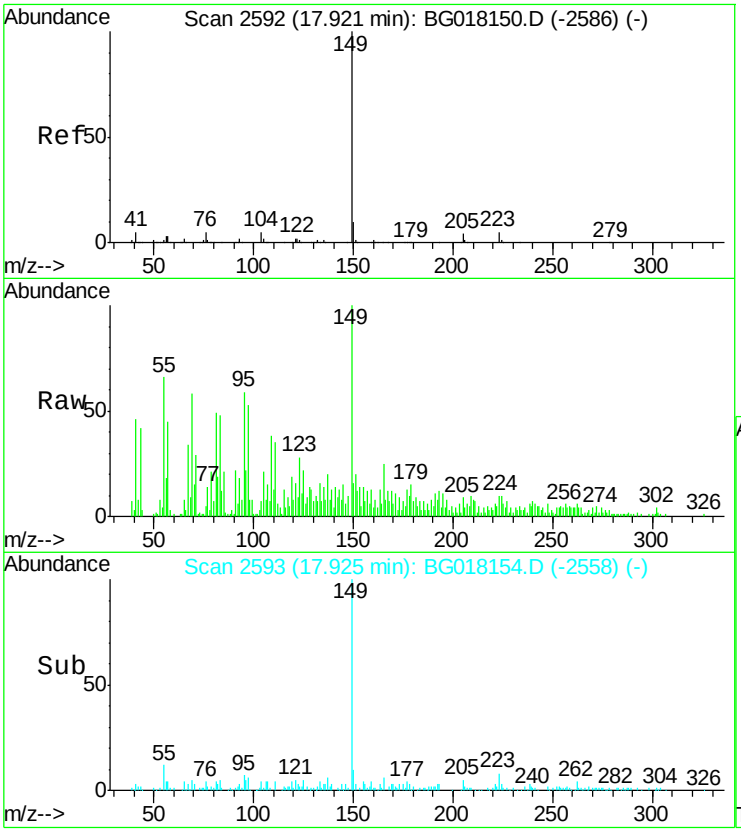


#75
Carbazole
Concen: 2.58 ng/ul
RT: 17.35 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Tgt Ion:167 Resp: 30470

Ion	Ratio	Lower	Upper
167	100		
166	29.7	17.4	26.2#
139	24.0	10.6	15.8#



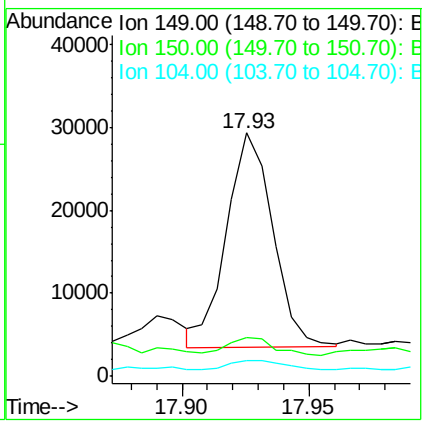


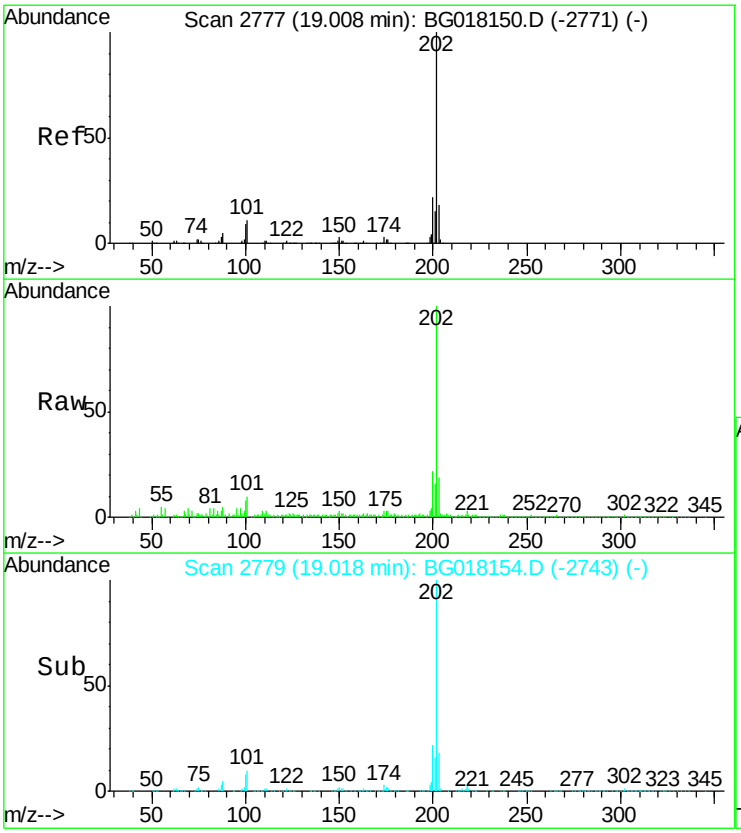
#76
Di-n-butylphthalate
Concen: 2.11 ng/ul
RT: 17.93 min Scan# 2593
Delta R.T. 0.00 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Instrument :
BNA_G
ClientSampleId :
C01X0

Tgt Ion:149 Resp: 32852

Ion	Ratio	Lower	Upper
149	100		
150	15.7	7.4	11.0#
104	6.5	3.8	5.8#

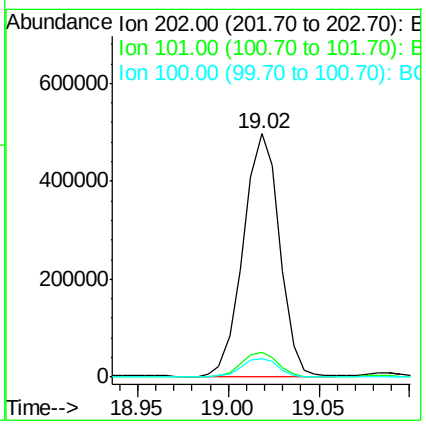


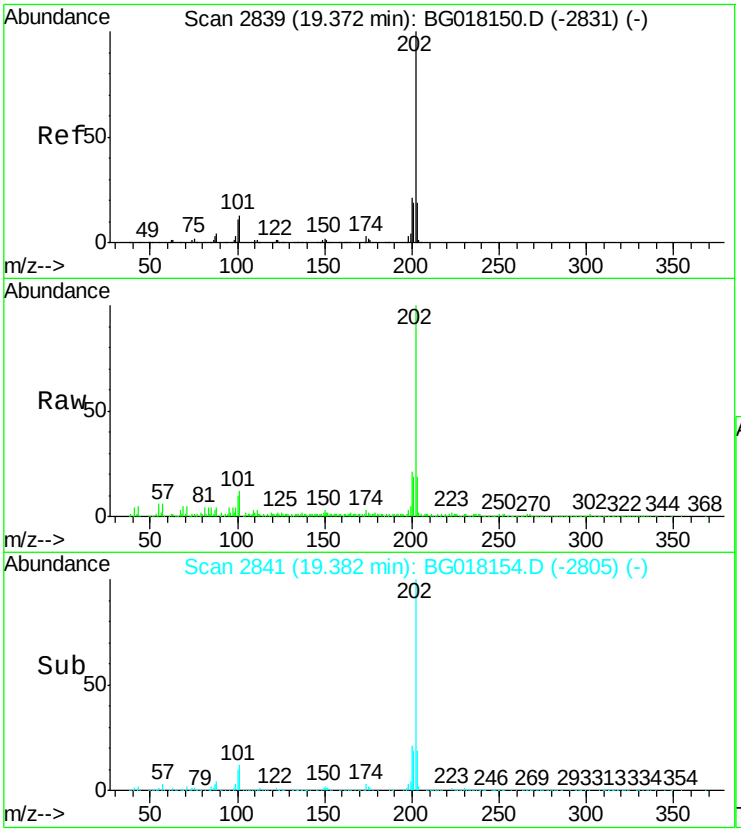


#77
Fluoranthene
Concen: 47.92 ng/ul
RT: 19.02 min Scan# 2779
Delta R.T. 0.01 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Tgt Ion:202 Resp: 685384

Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.1	13.7
100	7.6	7.5	11.3



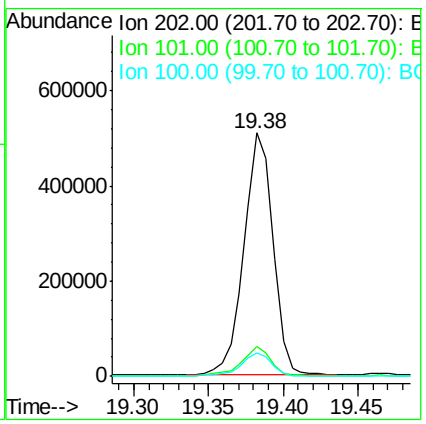


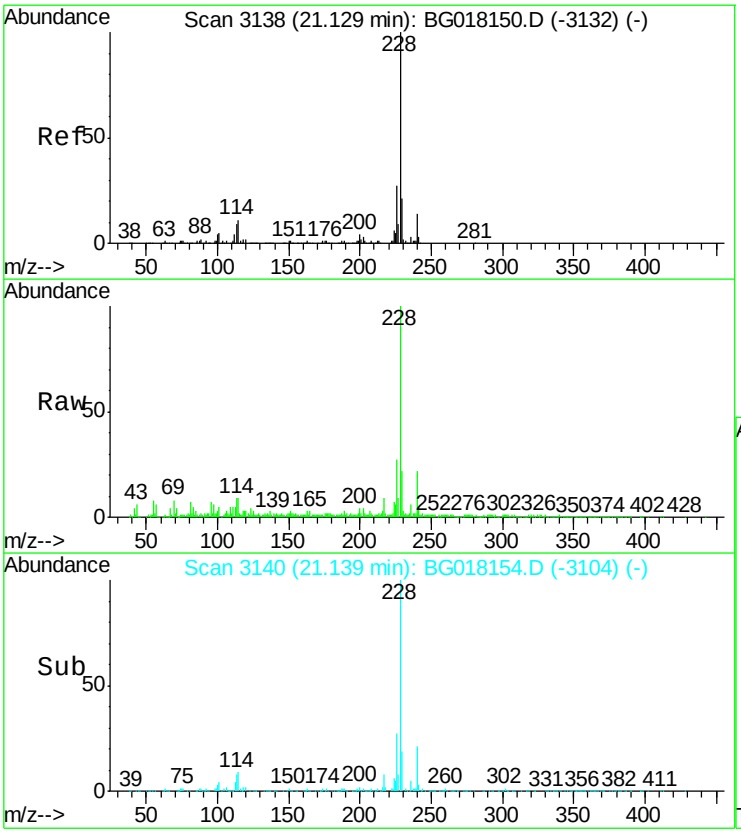
#80
Pyrene
Concen: 39.96 ng/ul
RT: 19.38 min Scan# 2841
Delta R.T. 0.01 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Instrument :
BNA_G
ClientSampleId :
C01X0

Tgt Ion:202 Resp: 685208

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.9	16.3
100	9.7	8.5	12.7

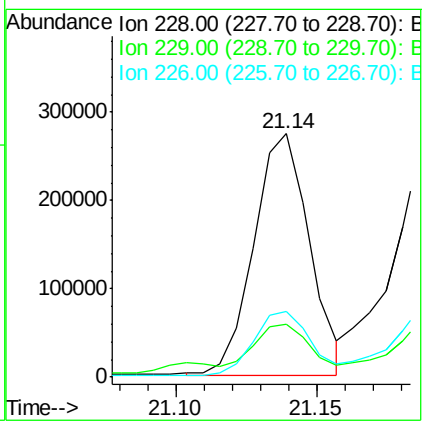


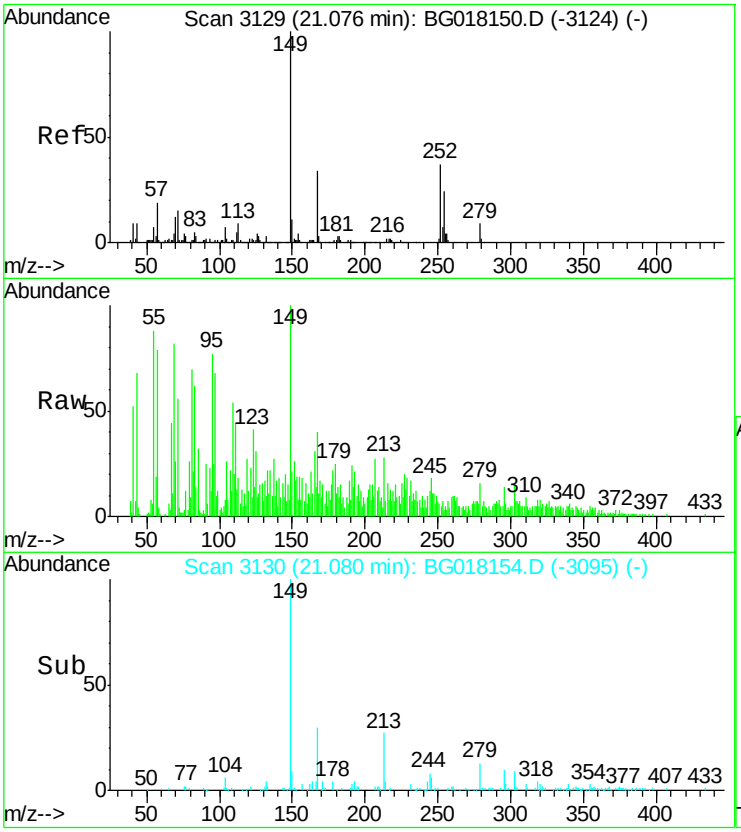


#83
Benzo(a)anthracene
Concen: 23.57 ng/ul
RT: 21.14 min Scan# 3140
Delta R.T. 0.01 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Tgt Ion:228 Resp: 373364

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.6	24.8
226	27.1	21.1	31.7



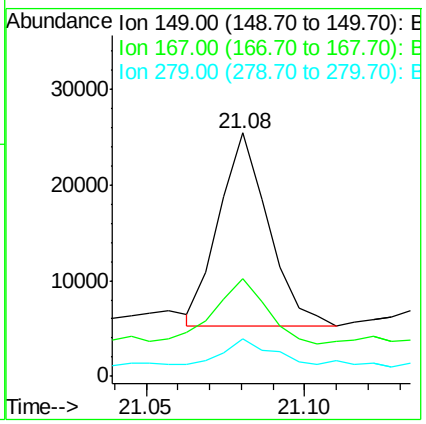


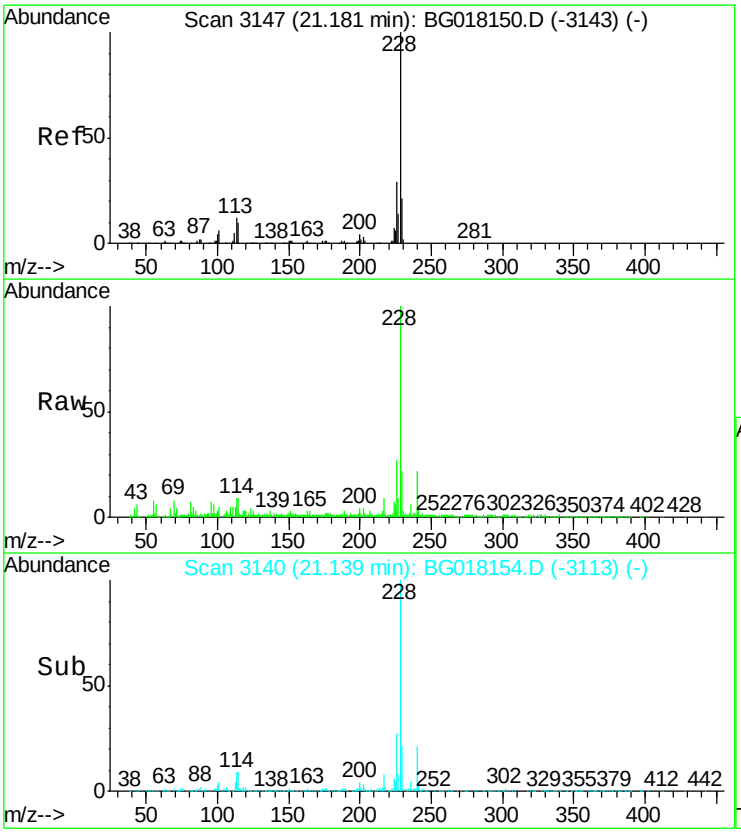
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.16 ng/ul
RT: 21.08 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Instrument :
BNA_G
ClientSampleId :
C01X0

Tgt Ion:149 Resp: 21669

Ion	Ratio	Lower	Upper
149	100		
167	40.2	26.2	39.4#
279	15.5	7.2	10.8#

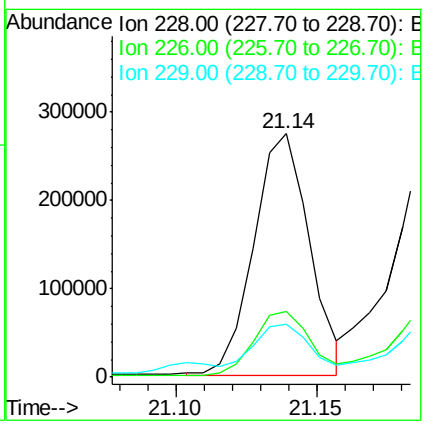


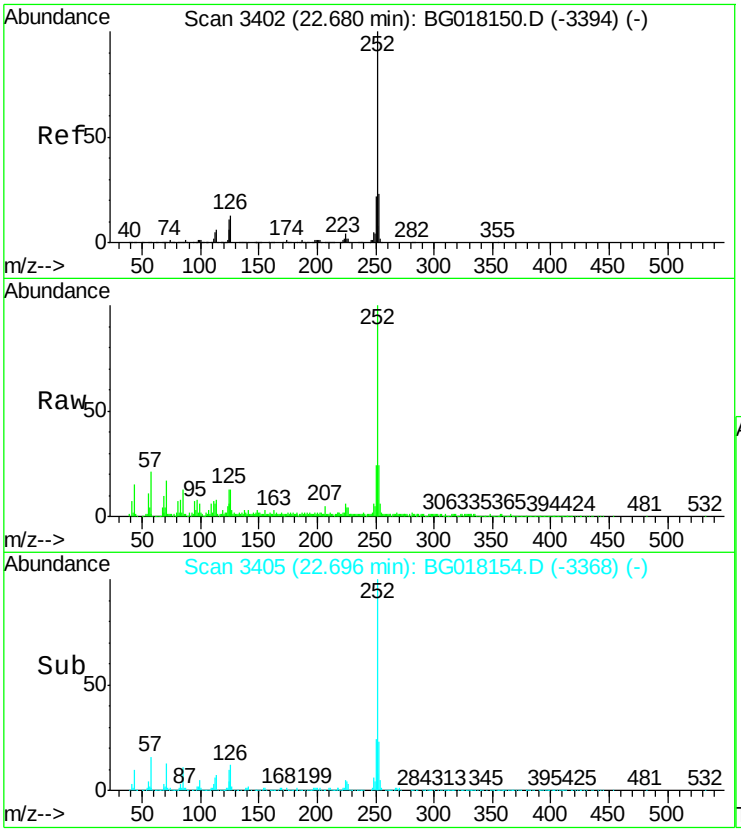


#85
Chrysene
Concen: 25.08 ng/ul
RT: 21.14 min Scan# 3140
Delta R.T. -0.04 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Tgt Ion:228 Resp: 374038

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.9	34.3
229	21.8	15.6	23.4



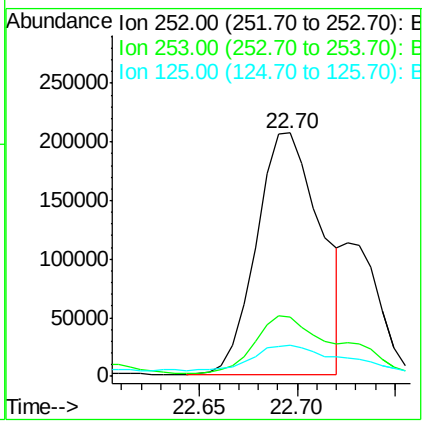


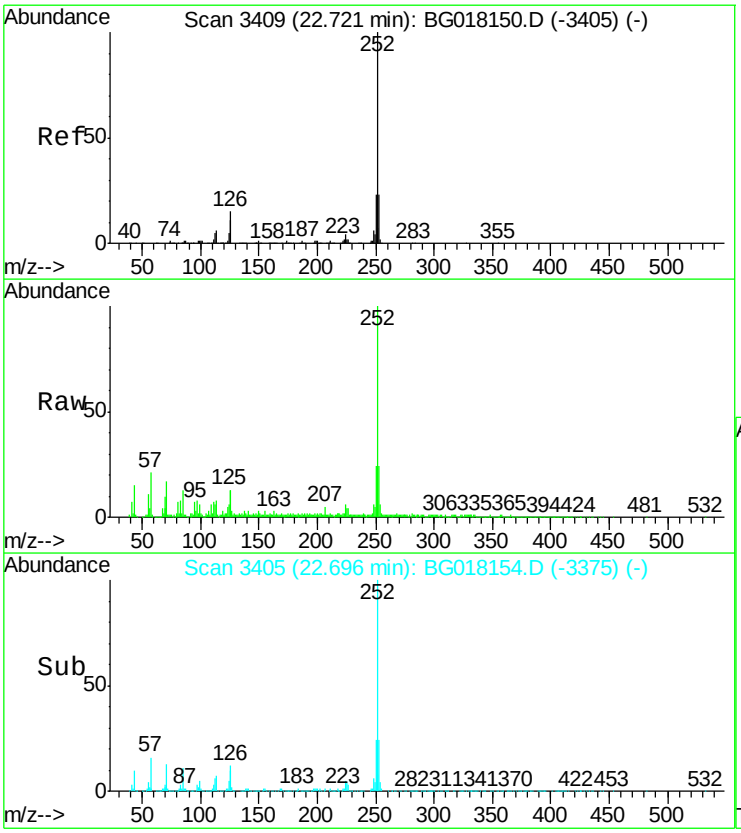
#88
Benzo(b)fluoranthene
Concen: 27.55 ng/ul
RT: 22.70 min Scan# 3405
Delta R.T. 0.02 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Instrument :
BNA_G
ClientSampleId :
C01X0

Tgt Ion:252 Resp: 470770

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.5	27.7
125	12.5	9.1	13.7

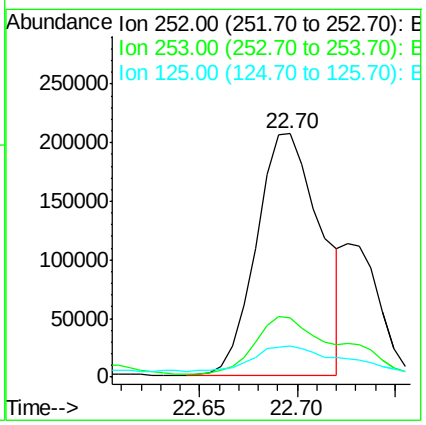


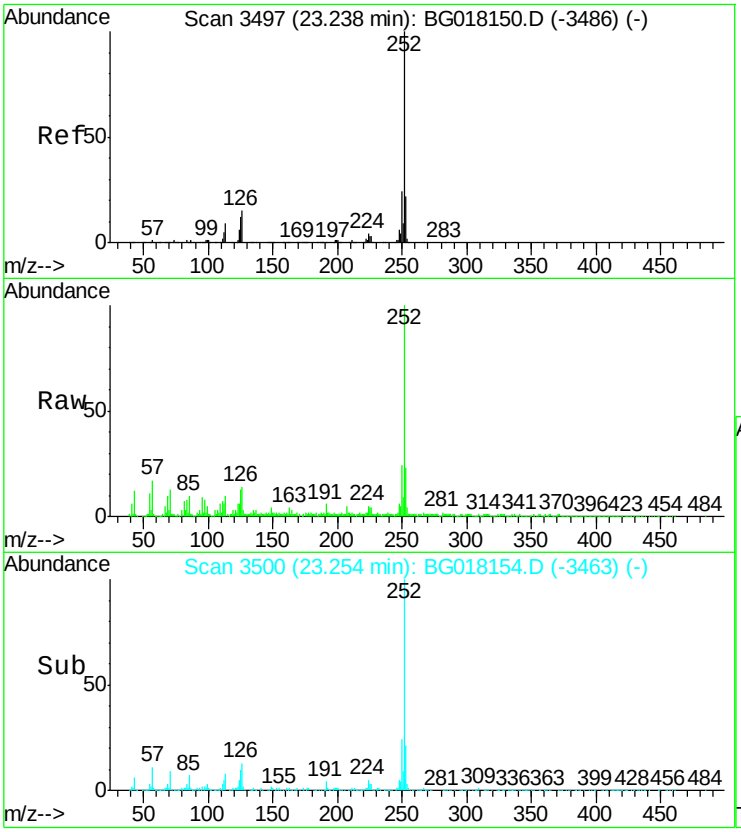


#89
Benzo(k)fluoranthene
Concen: 28.46 ng/ul
RT: 22.70 min Scan# 3405
Delta R.T. -0.02 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Tgt Ion:252 Resp: 470770

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.8
125	12.5	9.3	13.9



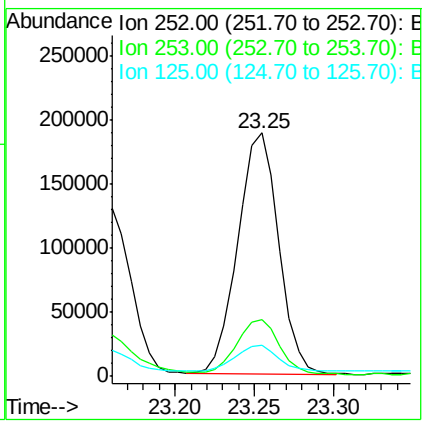


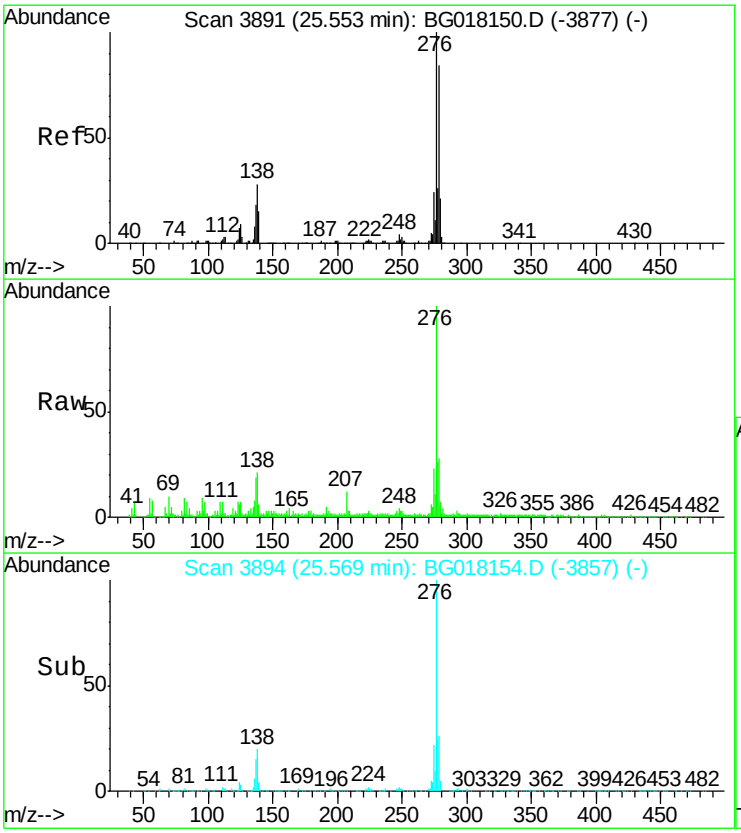
#91
Benzo(a)pyrene
Concen: 20.31 ng/ul
RT: 23.25 min Scan# 3500
Delta R.T. 0.02 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Instrument :
BNA_G
ClientSampleId :
C01X0

Tgt Ion:252 Resp: 336049

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	12.8	10.2	15.2

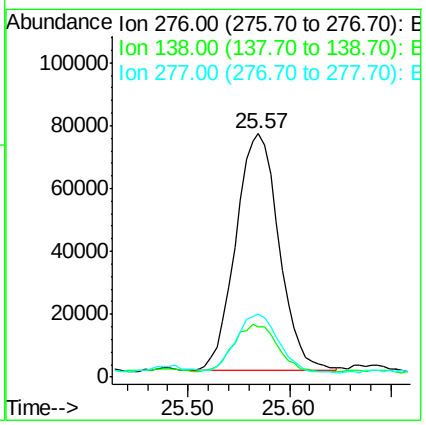


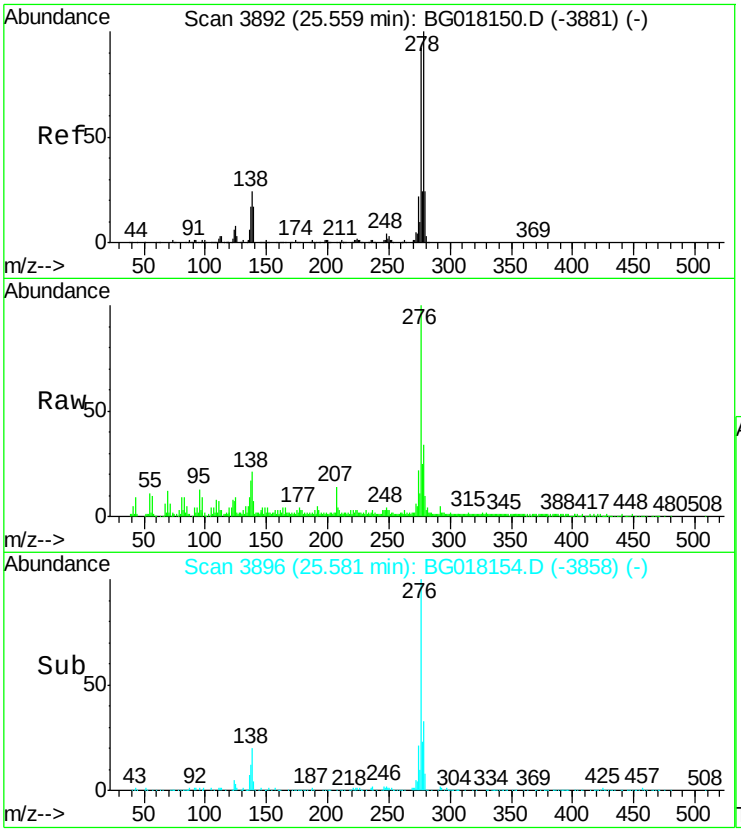


#92
Indeno(1,2,3-cd)pyrene
Concen: 11.69 ng/ul
RT: 25.57 min Scan# 3894
Delta R.T. 0.02 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Tgt Ion:276 Resp: 223239

Ion	Ratio	Lower	Upper
276	100		
138	20.8	22.6	33.8#
277	25.7	19.8	29.8



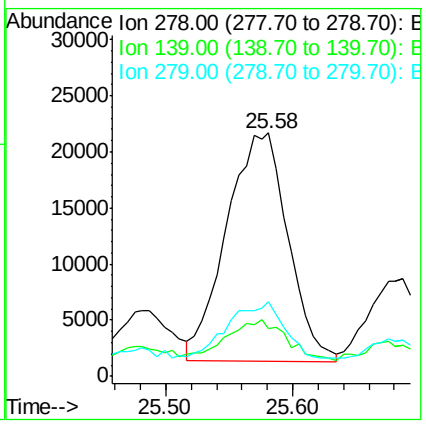


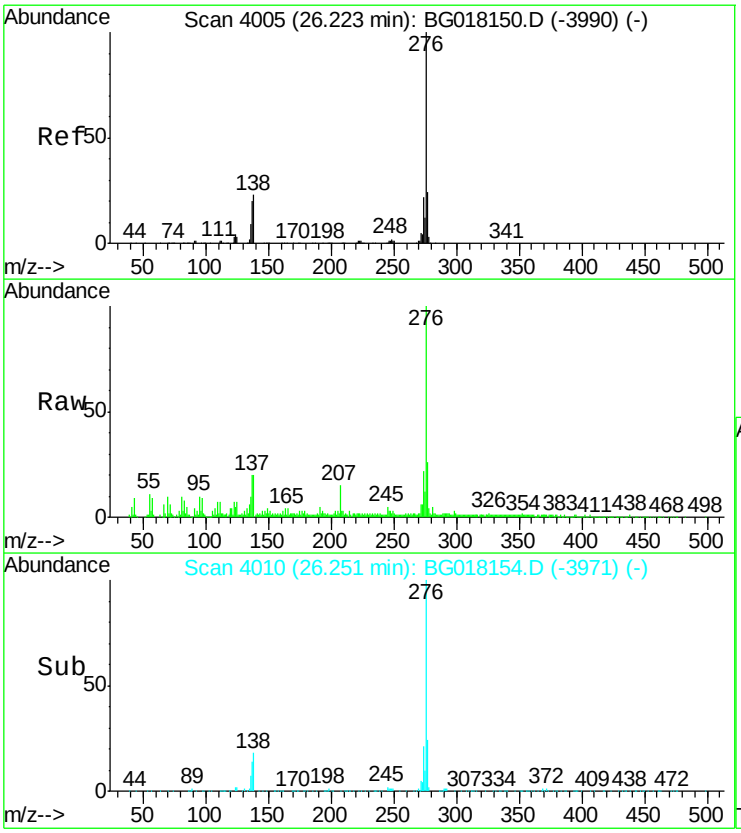
#93
Dibenzo(a,h)anthracene
Concen: 4.19 ng/ul
RT: 25.58 min Scan# 3896
Delta R.T. 0.02 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Instrument :
BNA_G
ClientSampleId :
C01X0

Tgt Ion:278 Resp: 68353

Ion	Ratio	Lower	Upper
278	100		
139	19.4	13.7	20.5
279	30.5	18.1	27.1#





#94
Benzo(g,h,i)perylene
Concen: 13.33 ng/ul
RT: 26.25 min Scan# 4010
Delta R.T. 0.03 min
Lab File: BG018154.D
Acq: 28 Jul 2015 19:47

Tgt Ion:276 Resp: 210328

Ion	Ratio	Lower	Upper
276	100		
138	20.0	18.8	28.2
277	25.9	19.3	28.9