Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
Data File : BG018352.D
Acq On : 10 Aug 2015 5:53
Operator : UM/TP
Sample : G3136-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K2

Quant Time: Aug 10 06:35:17 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 02:20:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	169134	20.00	ng/ul	0.01
18) Naphthalene-d8	10.88	136	759448	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.70	164	423208	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.44	188	850062	20.00	ng/ul	0.02
78) Chrysene-d12	21.72	240	715576	20.00	ng/ul	0.02
86) Perylene-d12	24.99	264	690016	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	3762	0.99	ng/uL	0.00
5) Phenol-d5	7.23	99	84980	5.59	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	61500	6.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	72601	6.20	ng/ul	0.01
13) 4-Methylphenol-d8	8.77	113	32559	2.54	ng/ul	0.01
19) Nitrobenzene-d5	9.23	128	41363	7.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	42105	7.16	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.50	165	69895	5.50	ng/ul	0.01
29) 4-Chloroaniline-d4	11.01	131	32979	2.33	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	254965	7.21	ng/ul	0.01
47) Acenaphthylene-d8	14.39	160	293449	6.63	ng/ul	0.01
52) 4-Nitrophenol-d4	14.88	143	11057	1.74	ng/ul	0.02
58) Fluorene-d10	15.69	176	196473	6.41	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.78	200	250	0.06	ng/ul	0.00
71) Anthracene-d10	17.54	188	268700	6.67	ng/ul	0.01
79) Pyrene-d10	19.82	212	256281	6.96	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.76	264	237308	6.52	ng/ul	0.05
Target Compounds						Qvalue
28) Naphthalene	10.93	128	40280	1.02	ng/ul#	96
34) 2-Methylnaphthalene	12.53	142	38878	1.36	ng/ul	92
45) Dimethylphthalate	14.14	163	142588	4.10	ng/ul#	96
50) Acenaphthene	14.76	153	38628	1.24	ng/ul	94
59) Fluorene	15.74	166	50250	1.43	ng/ul	90
70) Phenanthrene	17.48	178	386517	8.39	ng/ul	96
72) Anthracene	17.57	178	179897	3.83	ng/ul	97
75) Carbazole	17.84	167	85545	2.07	ng/ul#	92
76) Di-n-butylphthalate	18.40	149	105443	1.96	ng/ul#	92
77) Fluoranthene	19.49	202	660664	13.45	ng/ul	97
80) Pyrene	19.85	202	625346	13.08	ng/ul	99
81) Butylbenzylphthalate	20.73	149	74945	3.69	ng/ul	90
83) Benzo(a)anthracene	21.70	228	306210	6.96	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.61	149	758391	26.32	ng/ul	97
85) Chrysene	21.76	228	299489	7.27	ng/ul	94
88) Benzo(b)fluoranthene	23.95	252	439386	10.21	ng/ul#	84
91) Benzo(a)pyrene	24.83	252	281225	6.87	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	28.70	276	183319	3.86	ng/ul#	89
94) Benzo(g,h,i)perylene	29.86	276	77912	1.96	ng/ul	93

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

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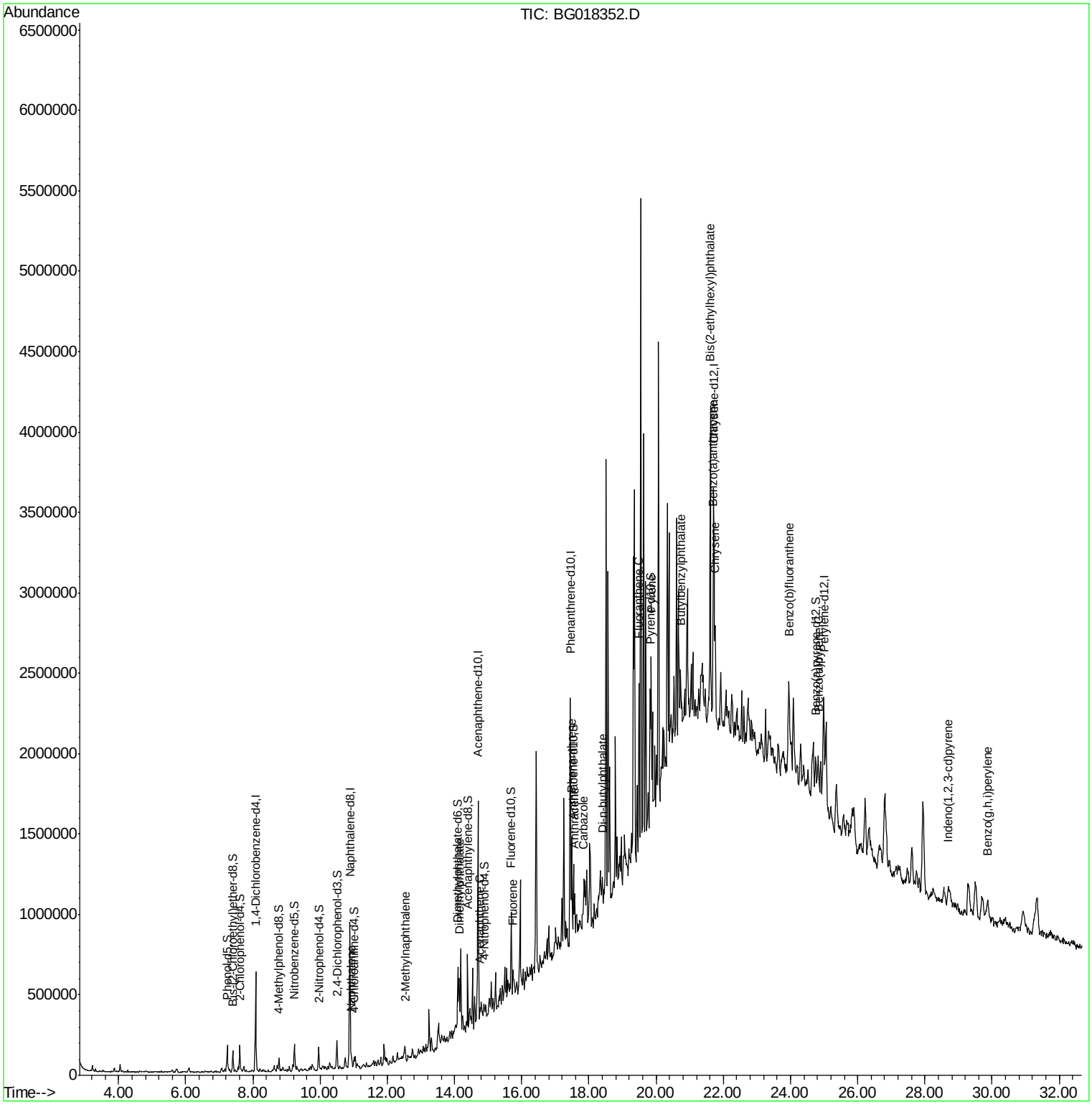
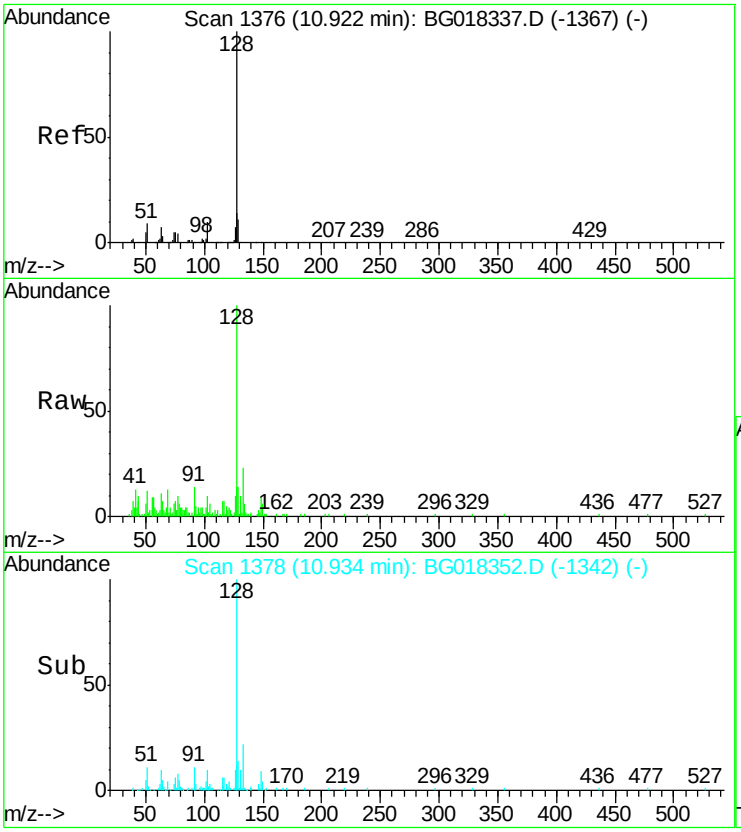
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 02:20:20 2015
Response via : Initial Calibration



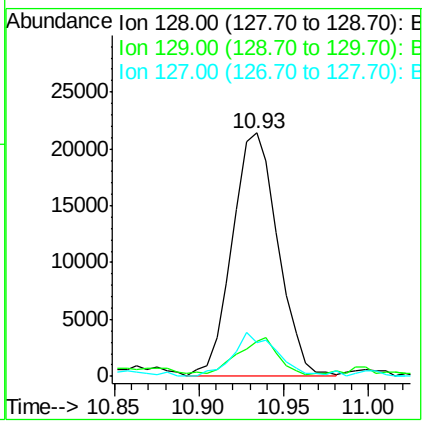


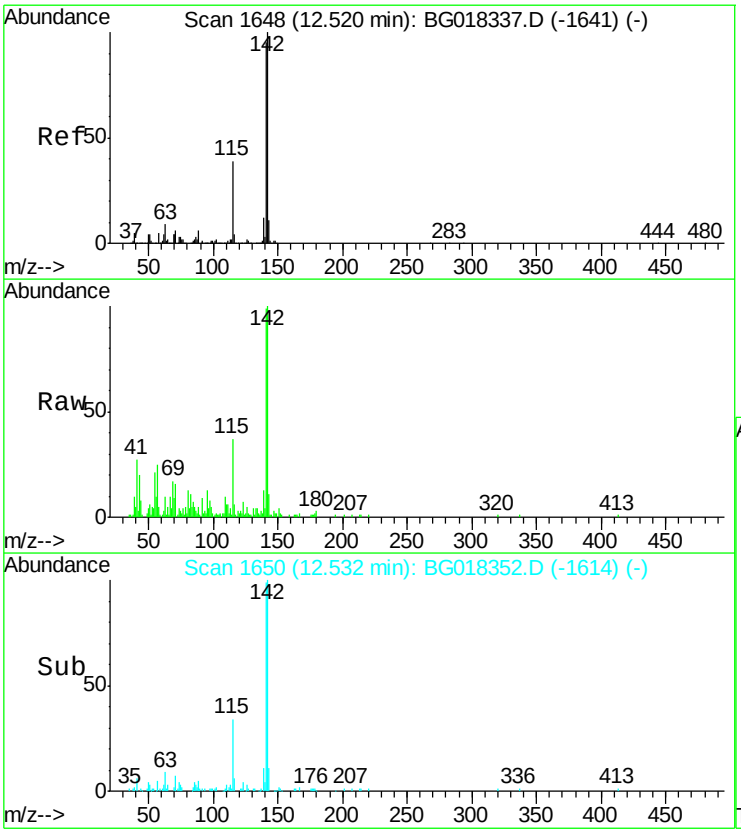
#28
Naphthalene
Concen: 1.02 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Instrument :
BNA_G
ClientSampleId :
C02K2

Tgt Ion:128 Resp: 40280

Ion	Ratio	Lower	Upper
128	100		
129	14.1	8.6	13.0#
127	13.7	10.8	16.2

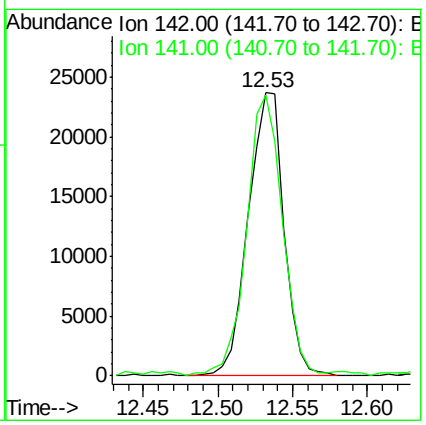


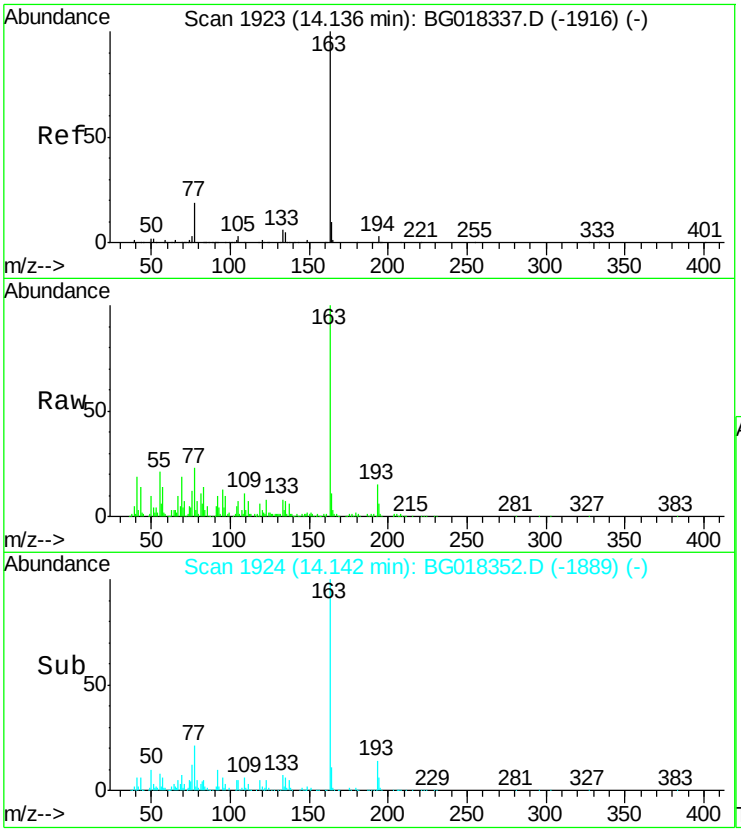


#34
2-Methylnaphthalene
Concen: 1.36 ng/ul
RT: 12.53 min Scan# 1650
Delta R.T. 0.01 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Tgt Ion:142 Resp: 38878

Ion	Ratio	Lower	Upper
142	100		
141	99.4	73.7	110.5



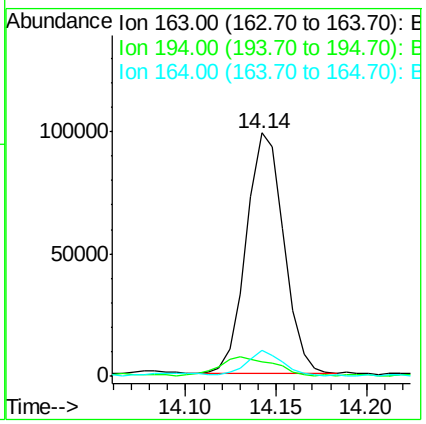


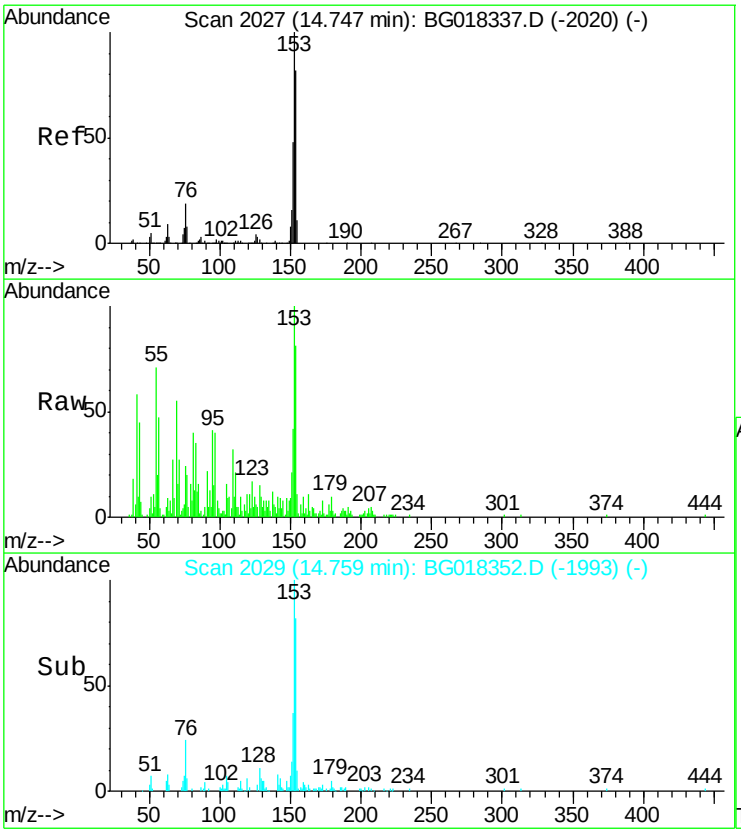
#45
Dimethylphthalate
Concen: 4.10 ng/ul
RT: 14.14 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Instrument :
BNA_G
ClientSampleId :
C02K2

Tgt Ion:163 Resp: 142588

Ion	Ratio	Lower	Upper
163	100		
194	6.2	3.2	4.8#
164	10.8	8.0	12.0

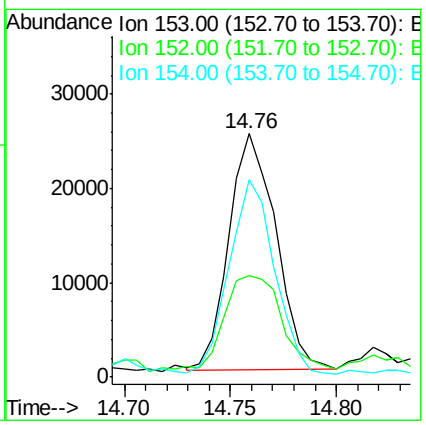


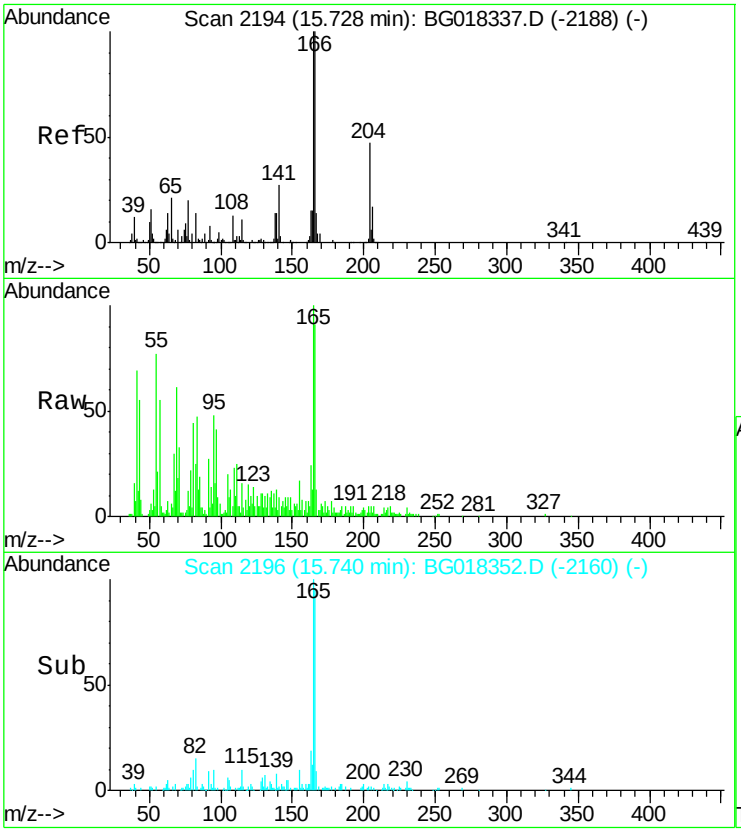


#50
Acenaphthene
Concen: 1.24 ng/ul
RT: 14.76 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Tgt Ion:153 Resp: 38628

Ion	Ratio	Lower	Upper
153	100		
152	41.8	36.7	55.1
154	81.0	69.0	103.4



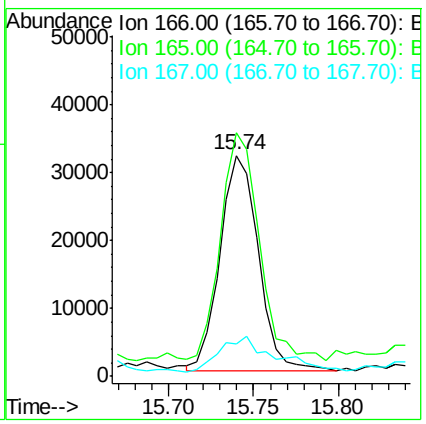


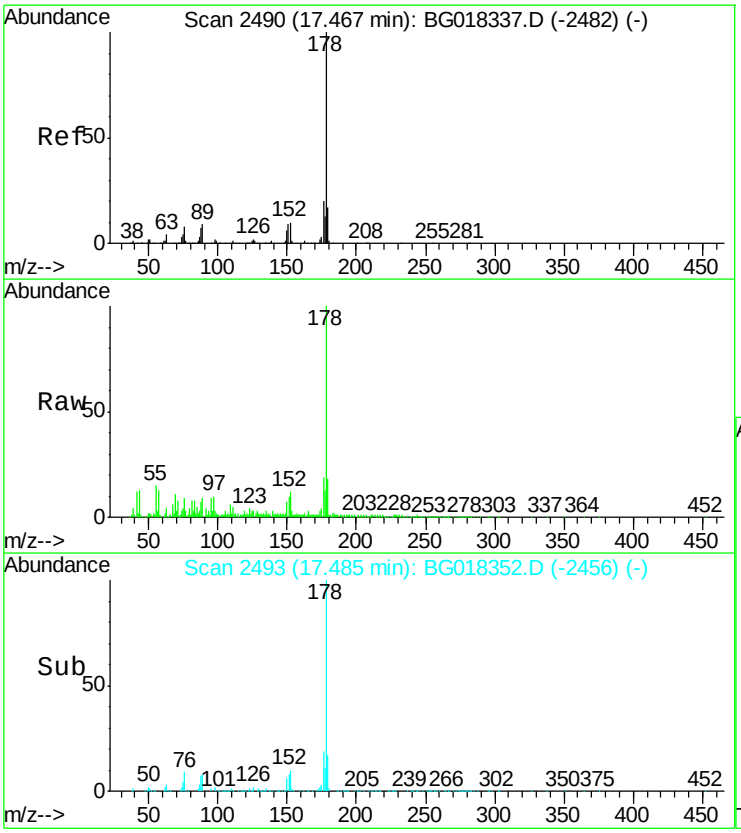
#59
Fluorene
Concen: 1.43 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Instrument :
BNA_G
ClientSampleId :
C02K2

Tgt Ion:166 Resp: 50250

Ion	Ratio	Lower	Upper
166	100		
165	110.2	79.7	119.5
167	14.4	10.8	16.2

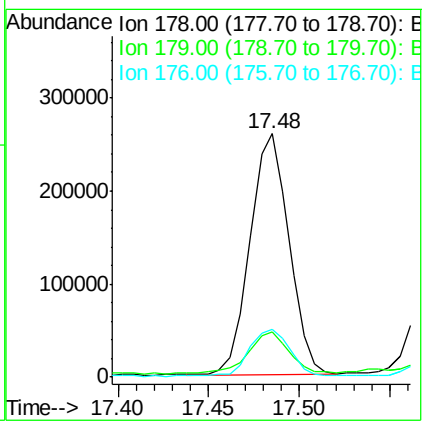


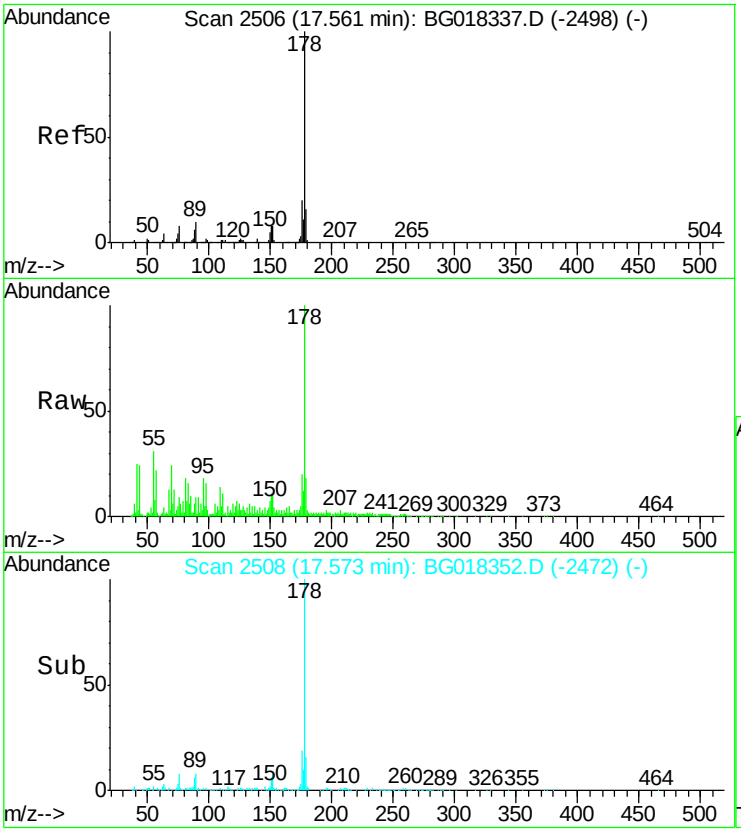


#70
Phenanthrene
Concen: 8.39 ng/ul
RT: 17.48 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Tgt Ion:178 Resp: 386517

Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.4	18.6
176	19.4	15.9	23.9



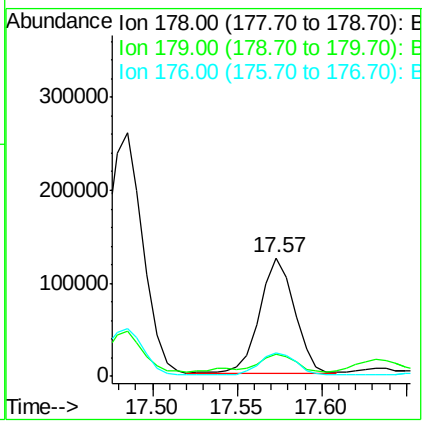


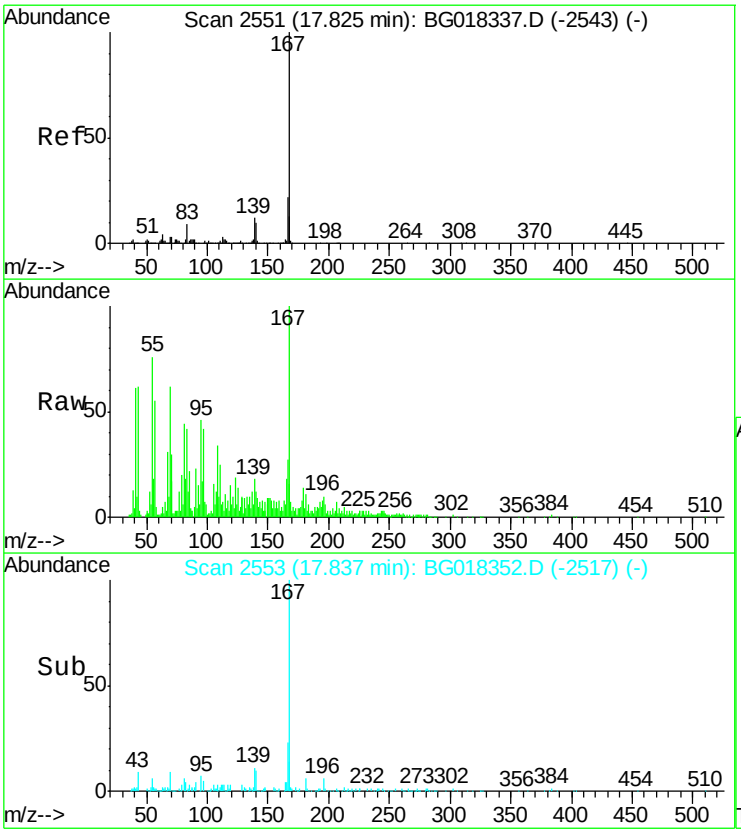
#72
Anthracene
Concen: 3.83 ng/ul
RT: 17.57 min Scan# 2508
Delta R.T. 0.01 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Instrument :
BNA_G
ClientSampleId :
C02K2

Tgt Ion:178 Resp: 179897

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.8	19.2
176	19.7	15.9	23.9

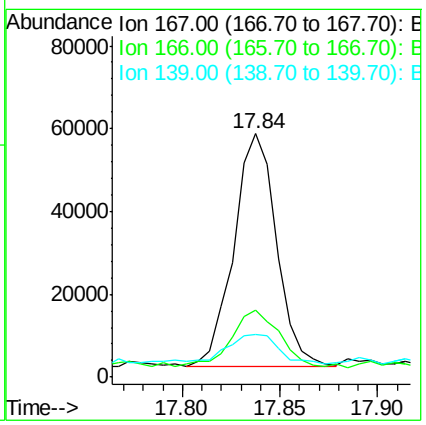


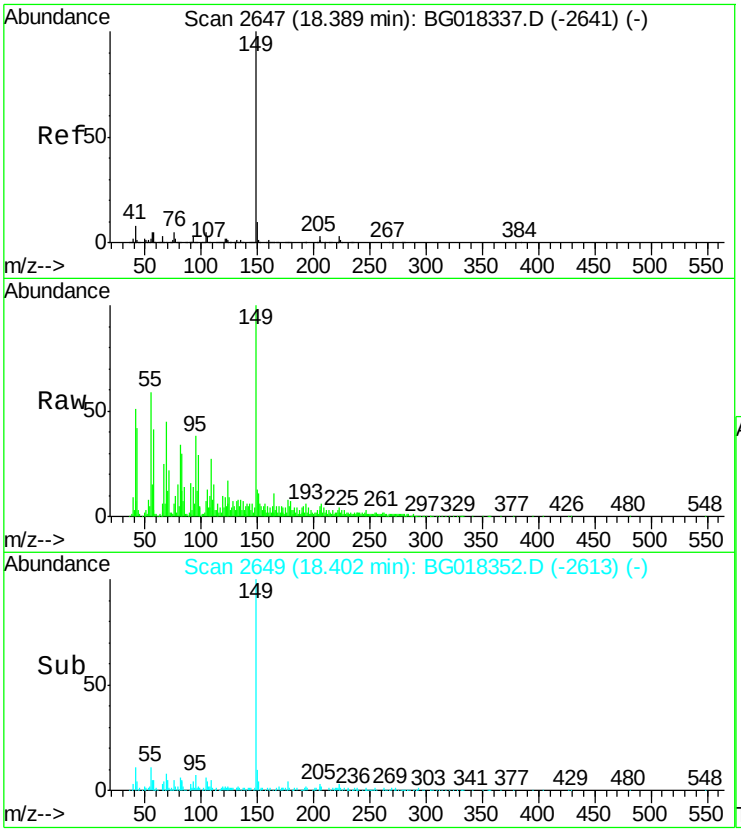


#75
Carbazole
Concen: 2.07 ng/ul
RT: 17.84 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Tgt Ion:167 Resp: 85545

Ion	Ratio	Lower	Upper
167	100		
166	27.5	19.3	28.9
139	17.6	10.7	16.1#



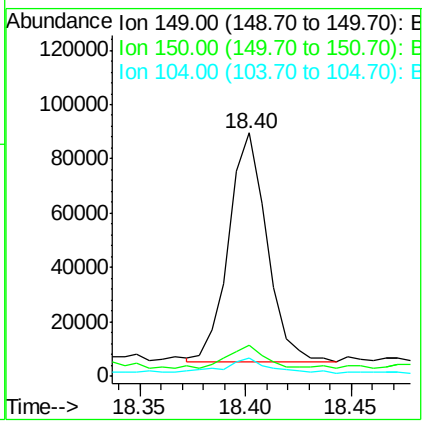


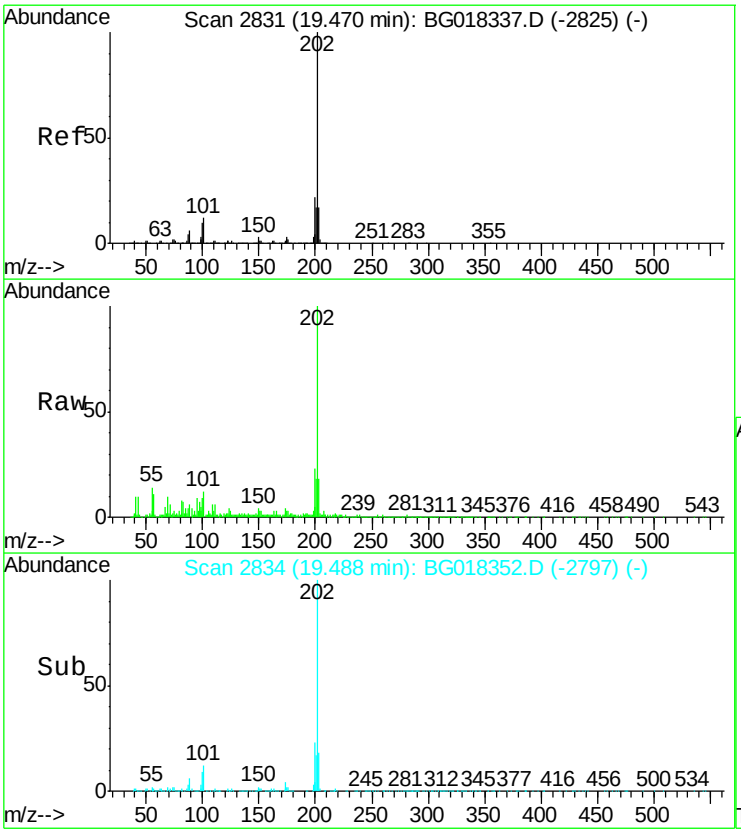
#76
Di-n-butylphthalate
Concen: 1.96 ng/ul
RT: 18.40 min Scan# 2649
Delta R.T. 0.01 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Instrument :
BNA_G
ClientSampleId :
C02K2

Tgt Ion:149 Resp: 105443

Ion	Ratio	Lower	Upper
149	100		
150	12.9	7.4	11.2#
104	7.3	4.6	7.0#

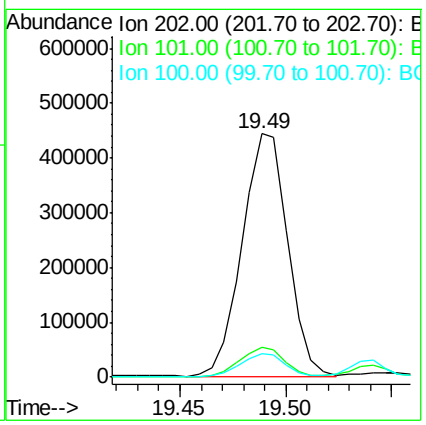


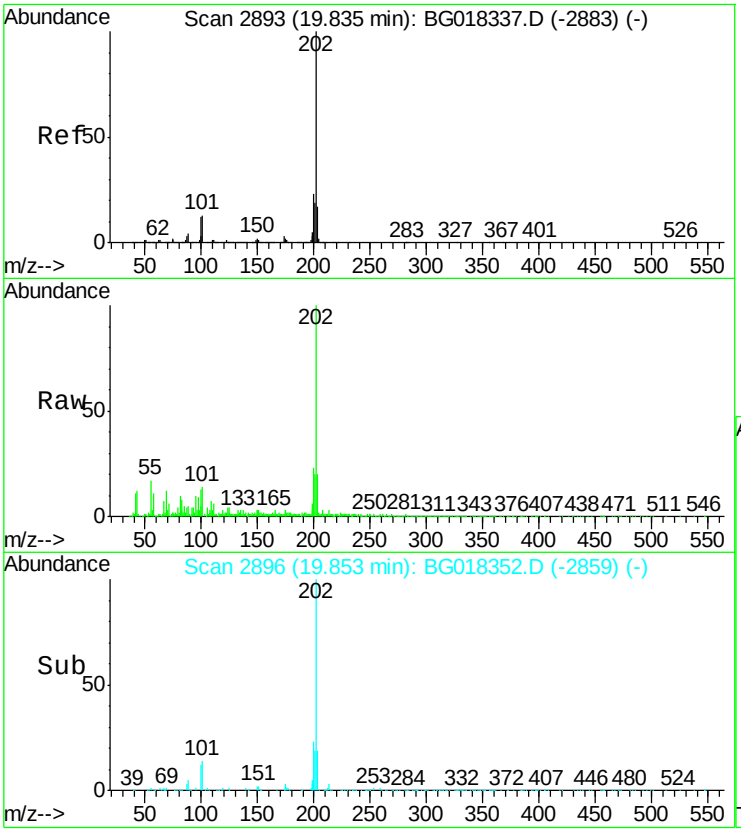


#77
Fluoranthene
Concen: 13.45 ng/ul
RT: 19.49 min Scan# 2834
Delta R.T. 0.02 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Tgt Ion:202 Resp: 660664

Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.9	13.3
100	9.5	8.5	12.7



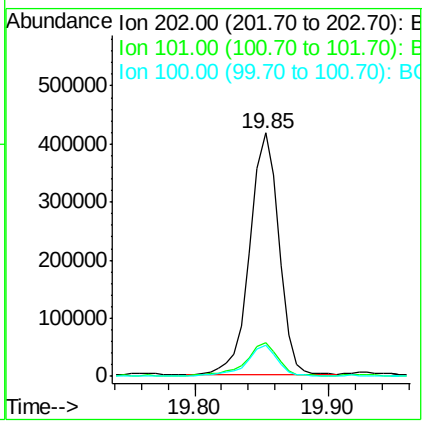


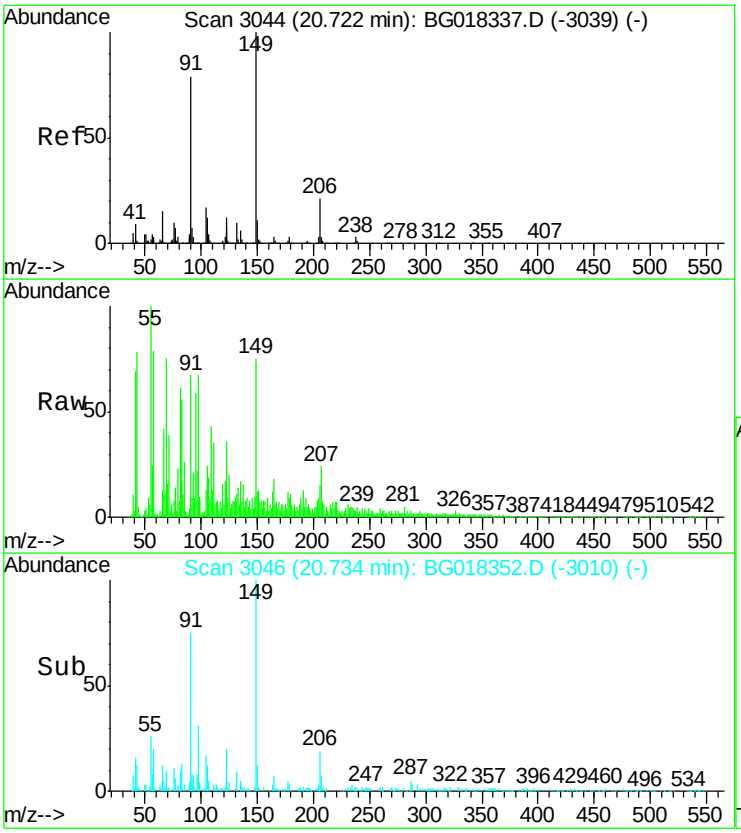
#80
Pyrene
Concen: 13.08 ng/ul
RT: 19.85 min Scan# 2896
Delta R.T. 0.02 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Instrument :
BNA_G
ClientSampleId :
C02K2

Tgt Ion:202 Resp: 625346

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.3	16.9
100	12.6	9.6	14.4

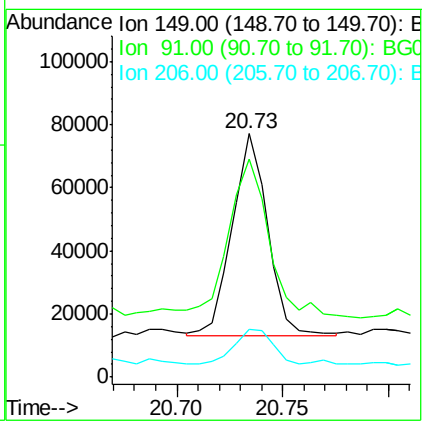


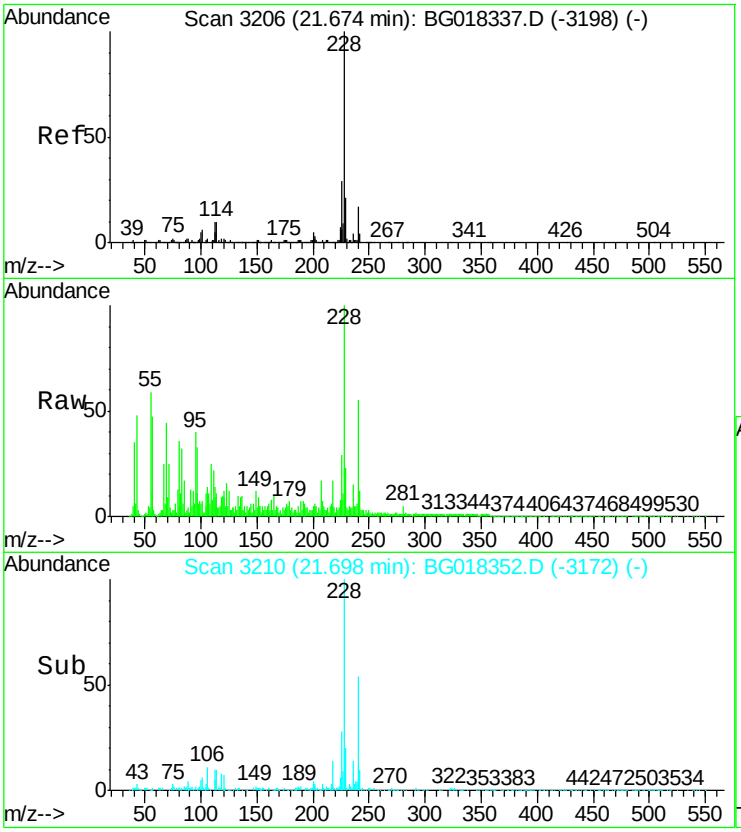


#81
Butylbenzylphthalate
Concen: 3.69 ng/ul
RT: 20.73 min Scan# 3046
Delta R.T. 0.01 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Tgt Ion:149 Resp: 74945

Ion	Ratio	Lower	Upper
149	100		
91	89.6	63.4	95.2
206	19.5	17.8	26.6



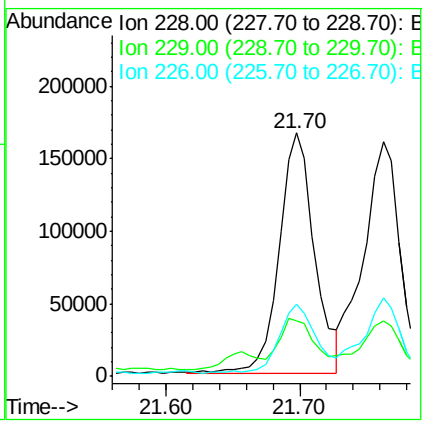


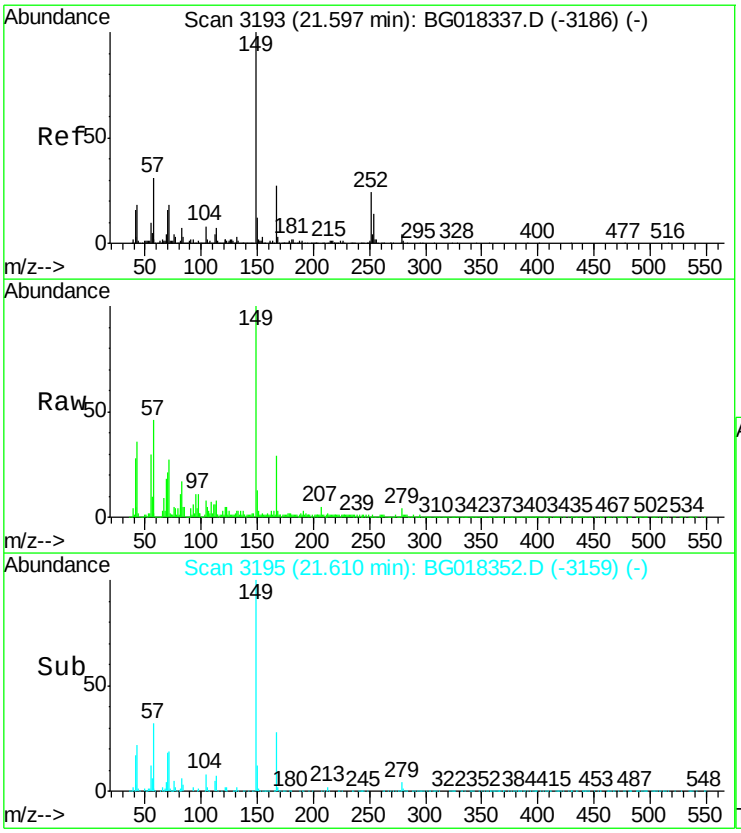
#83
Benzo(a)anthracene
Concen: 6.96 ng/ul
RT: 21.70 min Scan# 3210
Delta R.T. 0.02 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Instrument :
BNA_G
ClientSampleId :
C02K2

Tgt Ion:228 Resp: 306210

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.4	23.2
226	29.4	22.3	33.5

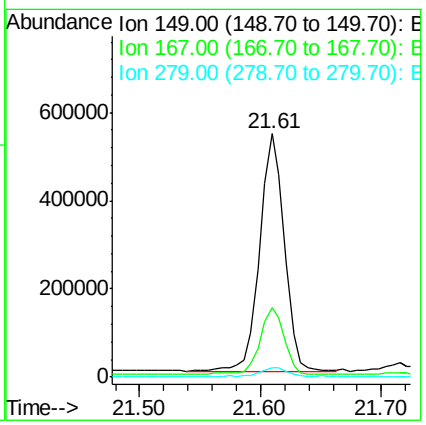


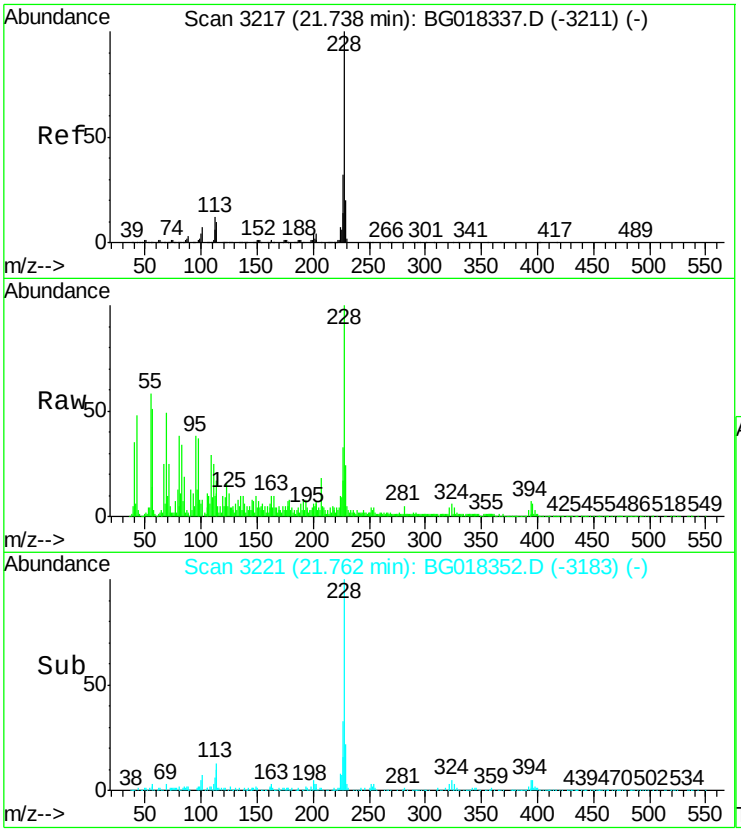


#84
Bis(2-ethylhexyl)phthalate
Concen: 26.32 ng/ul
RT: 21.61 min Scan# 3195
Delta R.T. 0.01 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Tgt Ion:149 Resp: 758391

Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.8	32.6
279	4.1	2.8	4.2



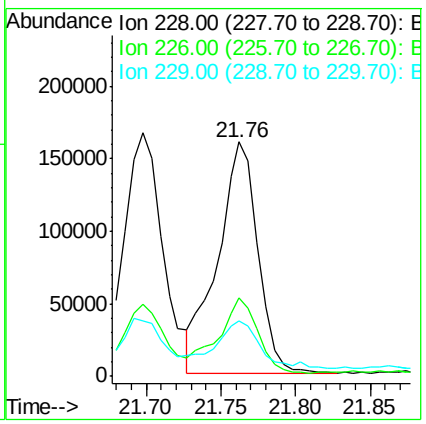


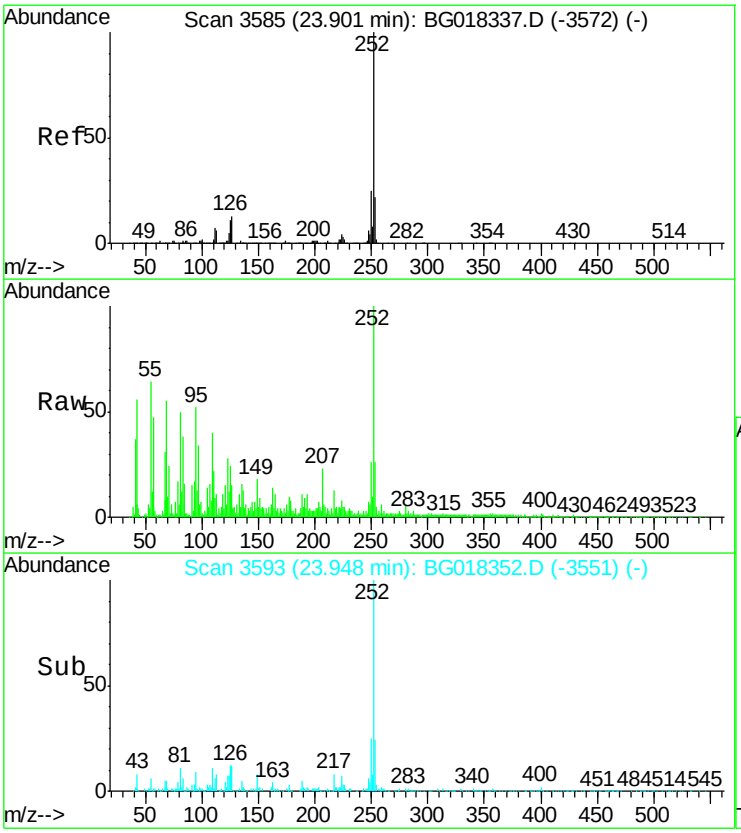
#85
Chrysene
Concen: 7.27 ng/ul
RT: 21.76 min Scan# 3221
Delta R.T. 0.02 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Instrument :
BNA_G
ClientSampleId :
C02K2

Tgt Ion:228 Resp: 299489

Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.6	37.0
229	23.9	16.0	24.0

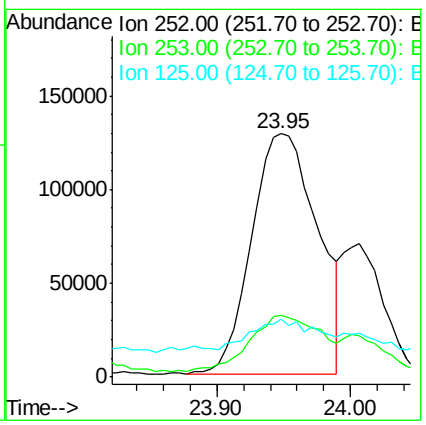


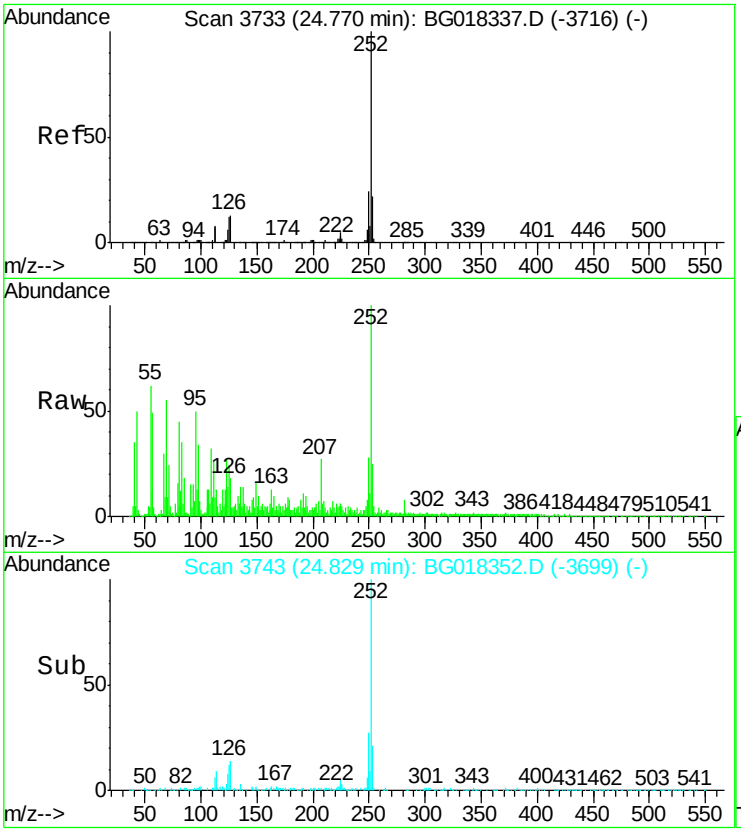


#88
Benzo(b)fluoranthene
Concen: 10.21 ng/ul
RT: 23.95 min Scan# 3593
Delta R.T. 0.05 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Tgt Ion:252 Resp: 439386

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.0	27.0
125	24.1	8.6	12.8#



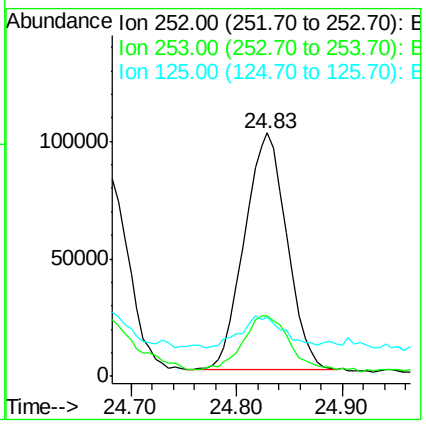


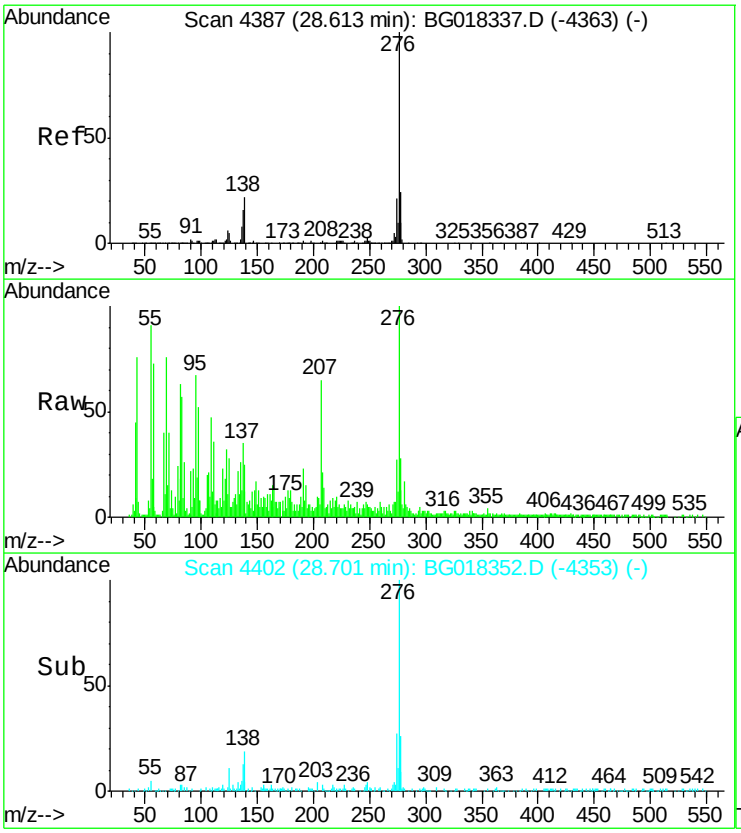
#91
Benzo(a)pyrene
Concen: 6.87 ng/ul
RT: 24.83 min Scan# 3743
Delta R.T. 0.06 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Instrument :
BNA_G
ClientSampleId :
C02K2

Tgt Ion:252 Resp: 281225

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.6	27.8
125	24.3	9.8	14.6#

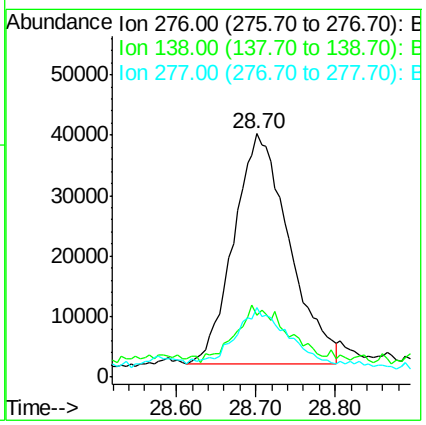


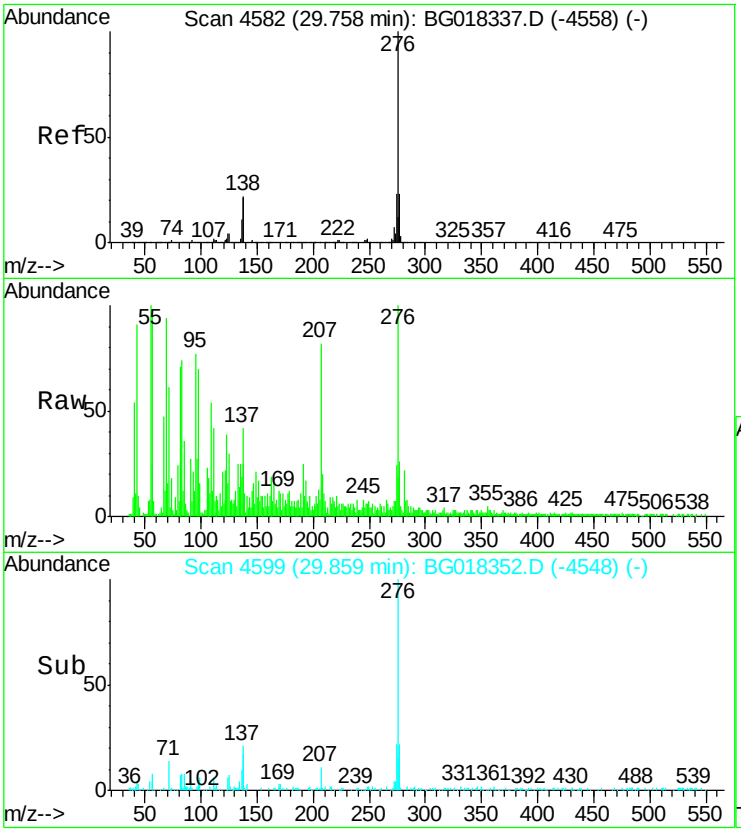


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.86 ng/ul
RT: 28.70 min Scan# 4402
Delta R.T. 0.09 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Tgt Ion:276 Resp: 183319

Ion	Ratio	Lower	Upper
276	100		
138	25.3	15.9	23.9#
277	28.5	19.0	28.6





#94
Benzo(g,h,i)perylene
Concen: 1.96 ng/ul
RT: 29.86 min Scan# 4599
Delta R.T. 0.10 min
Lab File: BG018352.D
Acq: 10 Aug 2015 5:53

Instrument :
BNA_G
ClientSampleId :
C02K2

Tgt Ion:276 Resp: 77912

Ion	Ratio	Lower	Upper
276	100		
138	25.0	17.4	26.0
277	26.2	18.4	27.6