Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081315\
Data File : BG018430.D
Acq On : 13 Aug 2015 17:22
Operator : UM/MA
Sample : G3136-02DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J7DL

Quant Time: Aug 14 00:53:44 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 00:53:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	156375	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	701102	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	412101	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	878885	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	781230	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	769708	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	495	0.14	ng/uL	0.00
5) Phenol-d5	7.18	99	26058	1.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	16163	1.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	21889	2.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	20689	1.73	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	9933	1.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	10928	1.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	22298	1.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	11823	0.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	74662	2.15	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	94123	2.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	6438	1.03	ng/ul	-0.01
58) Fluorene-d10	15.63	176	69004	2.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	6014	1.39	ng/ul	0.00
71) Anthracene-d10	17.49	188	97518	2.32	ng/ul	0.00
79) Pyrene-d10	19.77	212	94007	2.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	86258	2.11	ng/ul	0.00
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	9.99	107	16738	1.21	ng/ul	95
28) Naphthalene	10.88	128	81513	2.20	ng/ul	97
34) 2-Methylnaphthalene	12.48	142	37925	1.41	ng/ul	84
35) 1-Methylnaphthalene	12.69	142	27792	1.06	ng/ul#	94
50) Acenaphthene	14.71	153	52000	1.69	ng/ul	94
54) Dibenzofuran	15.04	168	45047	1.12	ng/ul	98
59) Fluorene	15.69	166	64025	1.85	ng/ul	99
70) Phenanthrene	17.43	178	516681	10.84	ng/ul	99
72) Anthracene	17.52	178	140282	2.89	ng/ul	96
75) Carbazole	17.79	167	46255	1.09	ng/ul#	92
76) Di-n-butylphthalate	18.35	149	88254	1.59	ng/ul#	95
77) Fluoranthene	19.44	202	770091	15.12	ng/ul	98
80) Pyrene	19.80	202	681210	12.90	ng/ul	99
81) Butylbenzylphthalate	20.69	149	54820	2.45	ng/ul#	85
83) Benzo(a)anthracene	21.64	228	289406	5.97	ng/ul#	94
84) Bis(2-ethylhexyl)phthalate	21.55	149	1490625	47.22	ng/ul#	93
85) Chrysene	21.64	228	286729	6.33	ng/ul	94
87) Di-n-octyl phthalate	22.76	149	193356	3.89	ng/ul	100
88) Benzo(b)fluoranthene	23.86	252	289583	5.99	ng/ul#	59
89) Benzo(k)fluoranthene	23.86	252	289583	6.22	ng/ul#	58
91) Benzo(a)pyrene	24.72	252	188120	4.09	ng/ul#	59
92) Indeno(1,2,3-cd)pyrene	28.55	276	106215	2.00	ng/ul#	78

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081315\
Data File : BG018430.D
Acq On : 13 Aug 2015 17:22
Operator : UM/MA
Sample : G3136-02DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02J7DL

Quant Time: Aug 14 00:53:44 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 00:53:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081315\
Data File : BG018430.D
Acq On : 13 Aug 2015 17:22
Operator : UM/MA
Sample : G3136-02DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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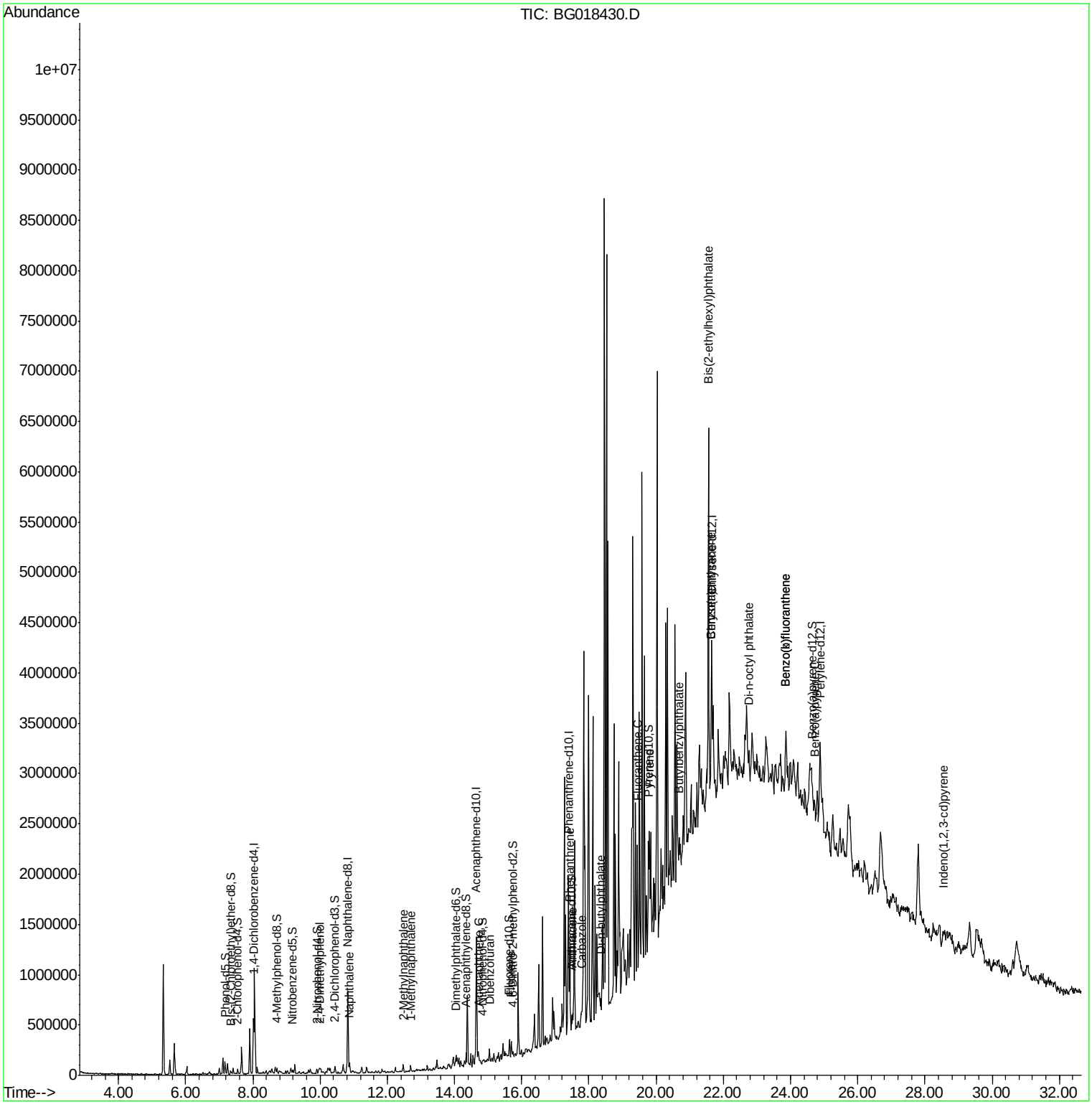
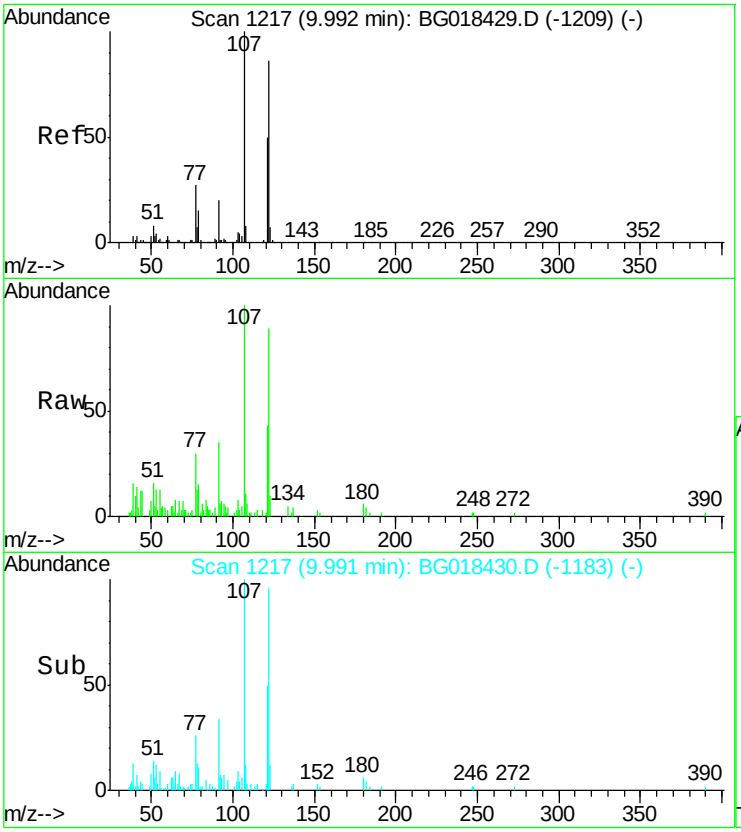
Quant Time: Aug 14 00:53:44 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 00:53:15 2015
Response via : Initial Calibration



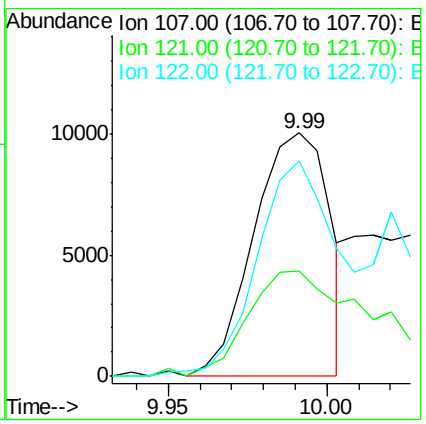


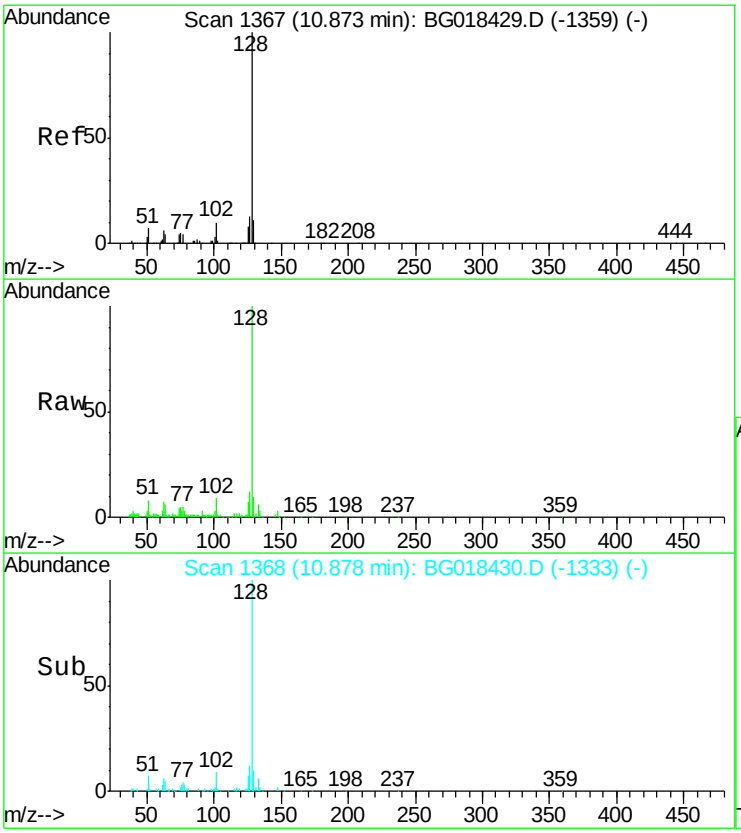
#24
2,4-Dimethylphenol
Concen: 1.21 ng/ul
RT: 9.99 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Instrument :
BNA_G
ClientSampleId :
C02J7DL

Tgt Ion:107 Resp: 16738

Ion	Ratio	Lower	Upper
107	100		
121	43.4	41.3	61.9
122	88.6	71.9	107.9

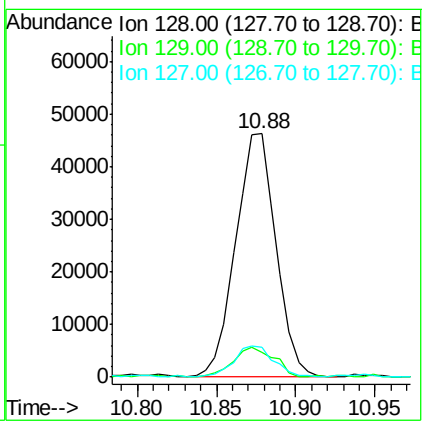


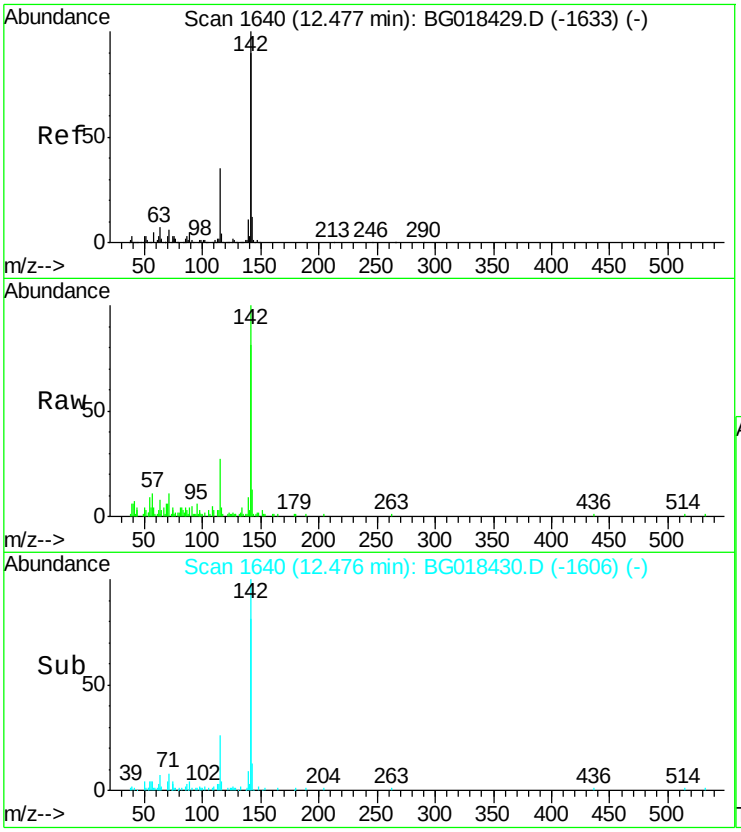


#28
Naphthalene
Concen: 2.20 ng/ul
RT: 10.88 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Tgt Ion:128 Resp: 81513

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.6	14.4
127	12.4	10.5	15.7



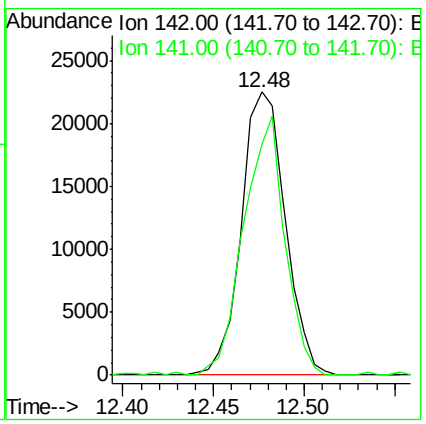


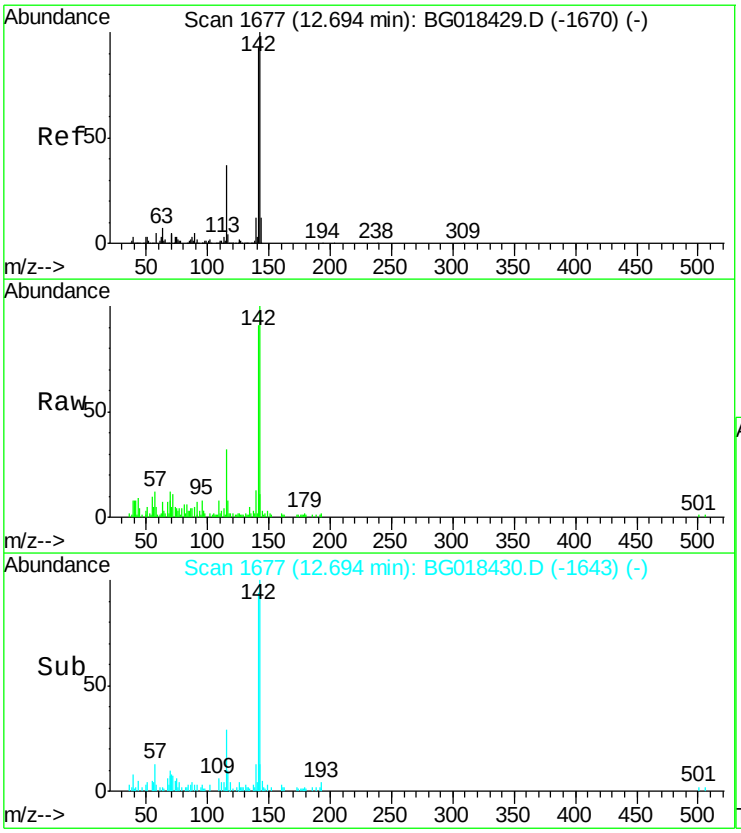
#34
2-Methylnaphthalene
Concen: 1.41 ng/ul
RT: 12.48 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Instrument :
BNA_G
ClientSampleId :
C02J7DL

Tgt Ion:142 Resp: 37925

Ion	Ratio	Lower	Upper
142	100		
141	81.4	78.0	117.0

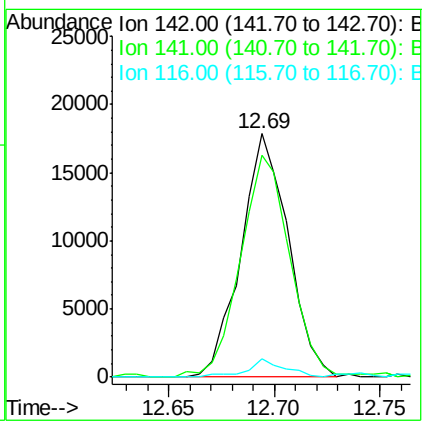


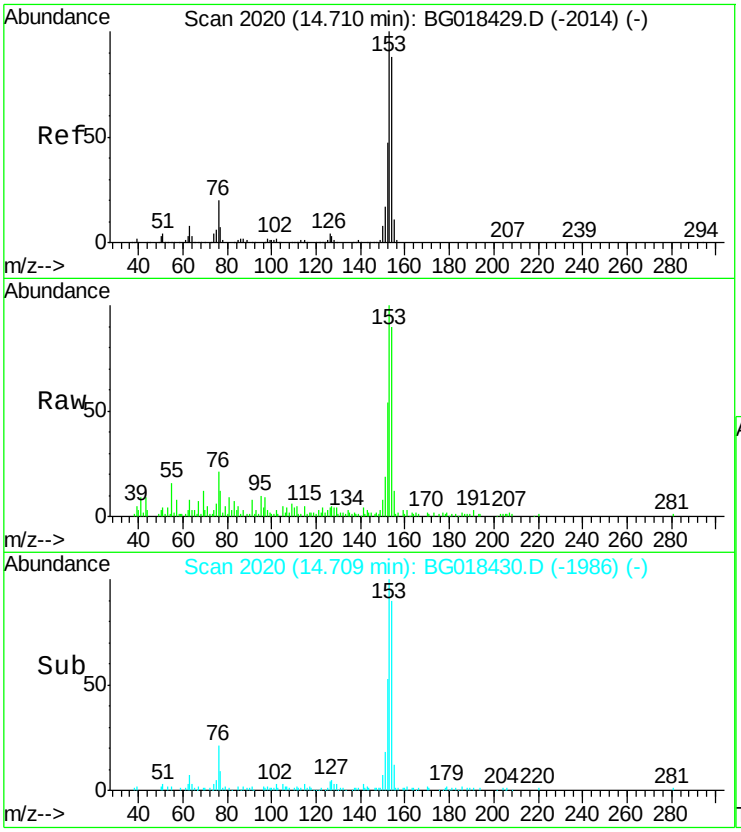


#35
1-Methylnaphthalene
Concen: 1.06 ng/ul
RT: 12.69 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Tgt Ion:142 Resp: 27792

Ion	Ratio	Lower	Upper
142	100		
141	91.2	77.1	115.7
116	7.6	3.5	5.3#



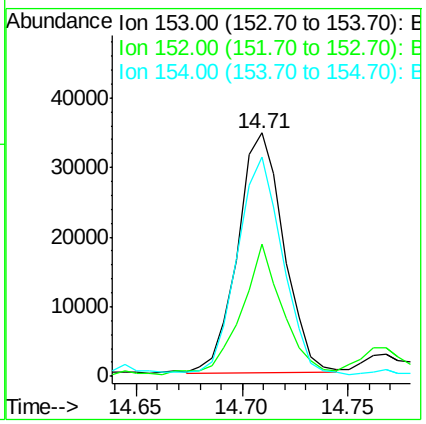


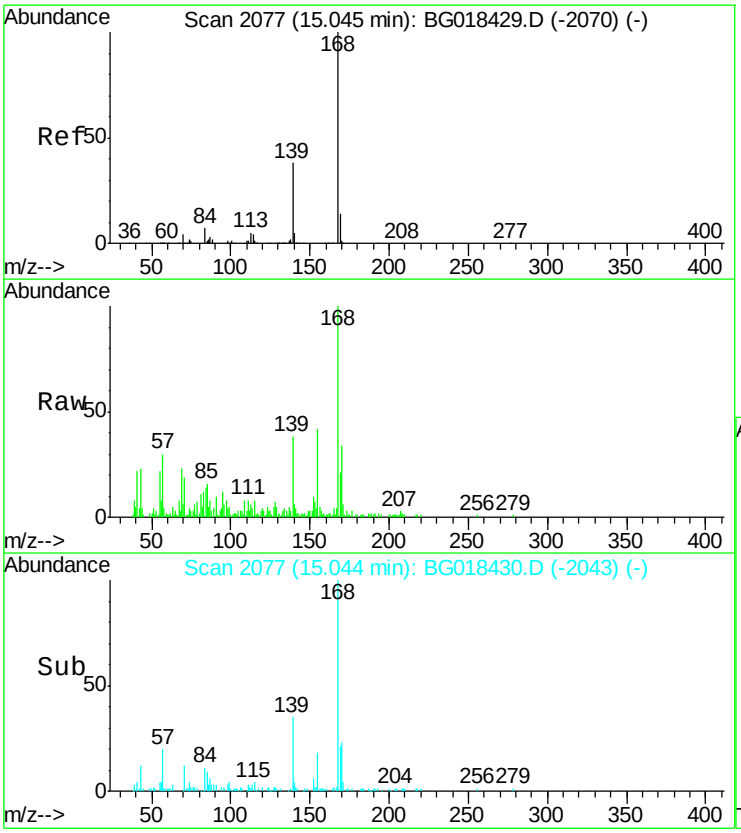
#50
Acenaphthene
Concen: 1.69 ng/ul
RT: 14.71 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Instrument :
BNA_G
ClientSampleId :
C02J7DL

Tgt Ion:153 Resp: 52000

Ion	Ratio	Lower	Upper
153	100		
152	54.2	38.2	57.4
154	90.2	68.6	103.0

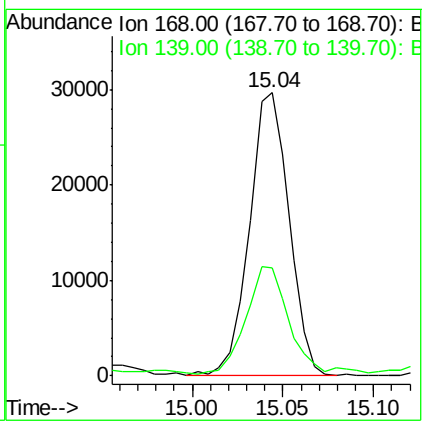


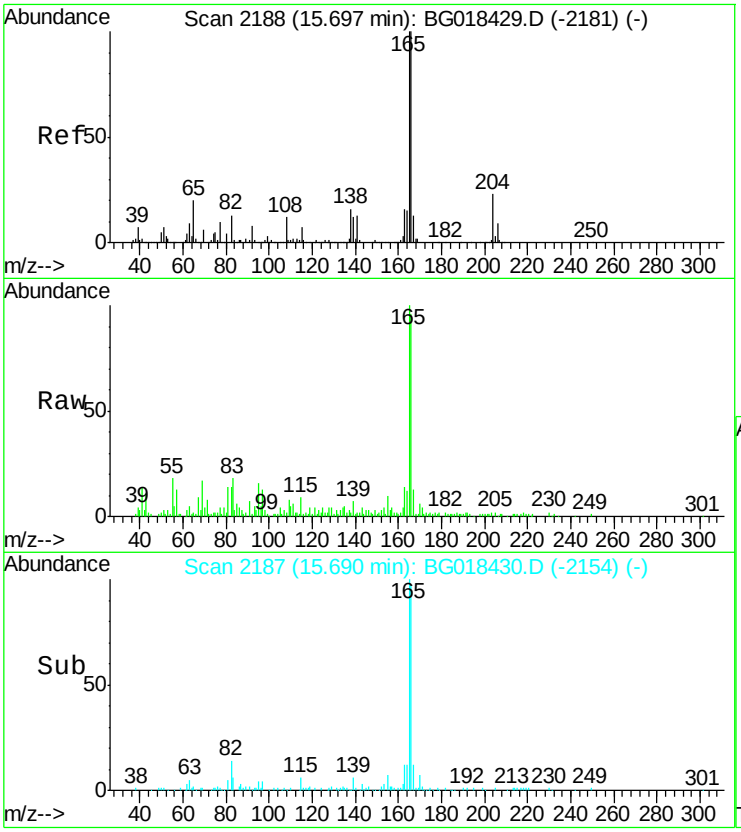


#54
Dibenzofuran
Concen: 1.12 ng/ul
RT: 15.04 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Tgt Ion:168 Resp: 45047

Ion	Ratio	Lower	Upper
168	100		
139	38.4	29.7	44.5



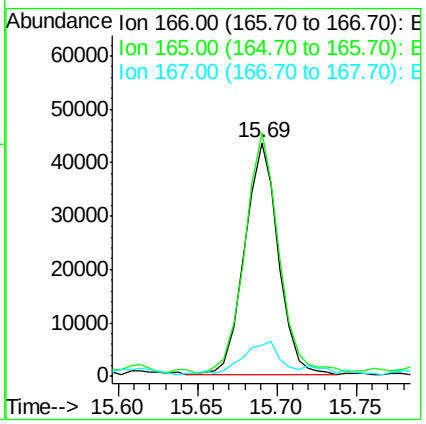


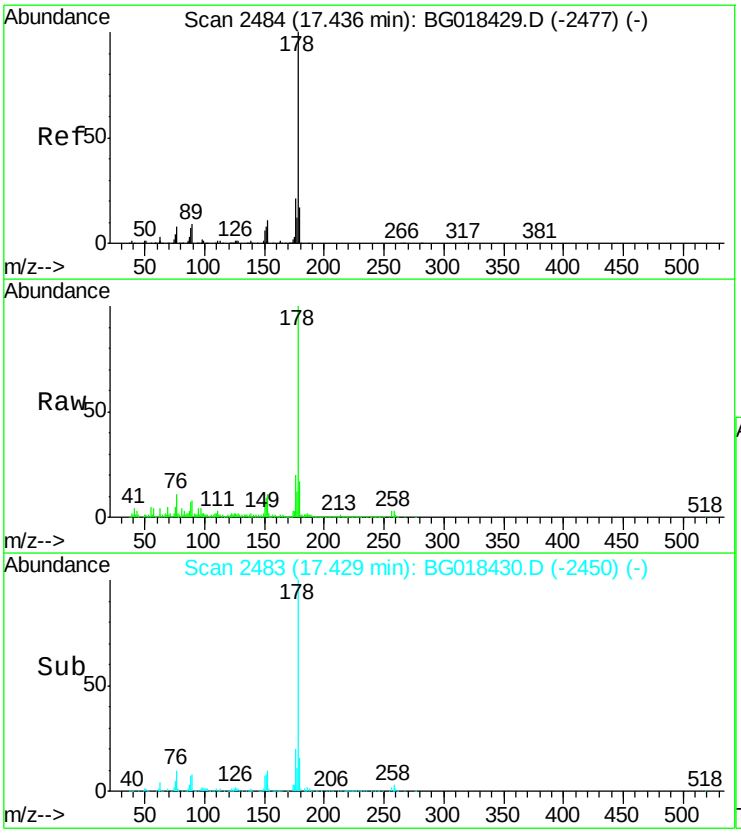
#59
Fluorene
Concen: 1.85 ng/ul
RT: 15.69 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Instrument :
BNA_G
ClientSampleId :
C02J7DL

Tgt Ion:166 Resp: 64025

Ion	Ratio	Lower	Upper
166	100		
165	104.1	82.6	124.0
167	13.4	11.4	17.0

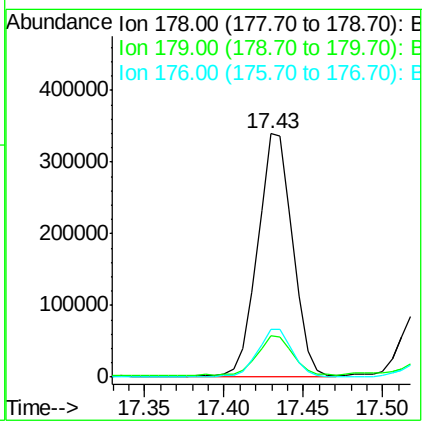


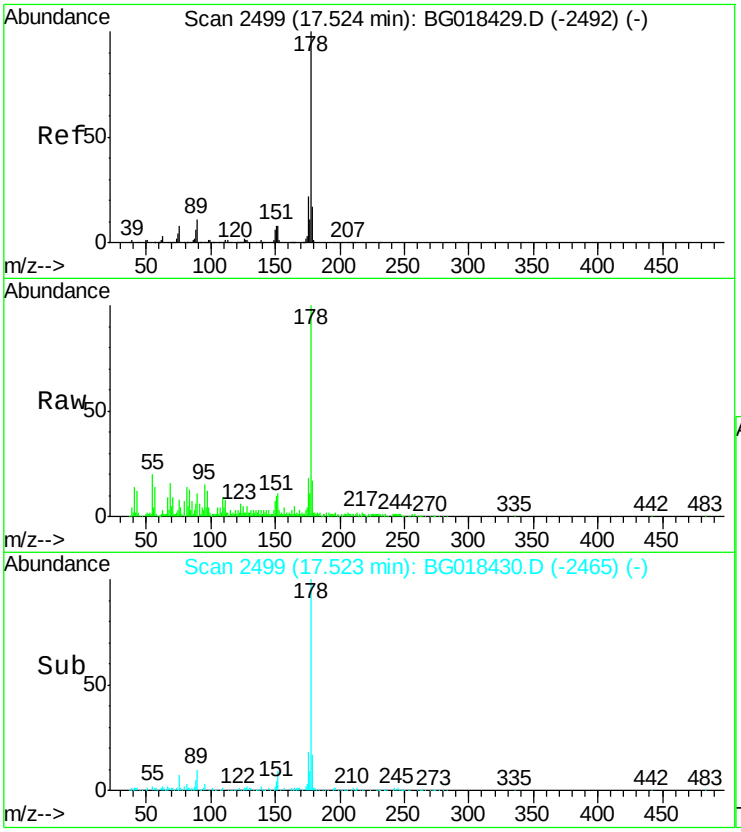


#70
Phenanthrene
Concen: 10.84 ng/ul
RT: 17.43 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Tgt Ion:178 Resp: 516681

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.7	20.5
176	19.8	16.6	24.8



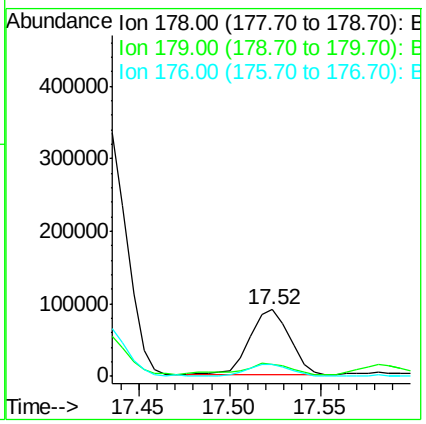


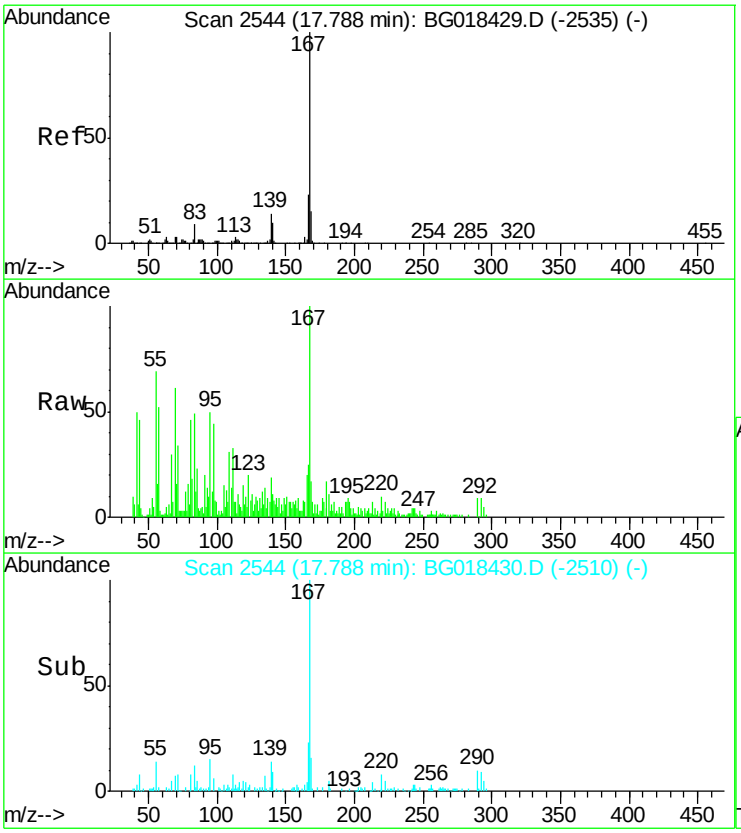
#72
Anthracene
Concen: 2.89 ng/ul
RT: 17.52 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Instrument :
BNA_G
ClientSampleId :
C02J7DL

Tgt Ion:178 Resp: 140282

Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.0	19.4
176	18.1	16.0	24.0

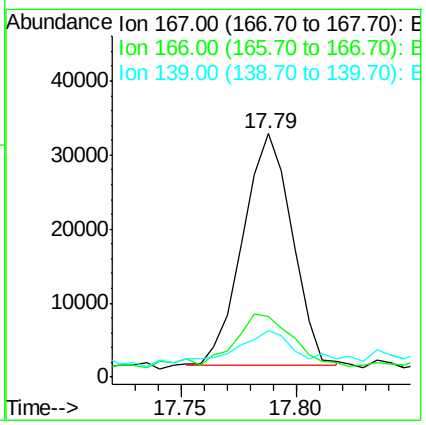


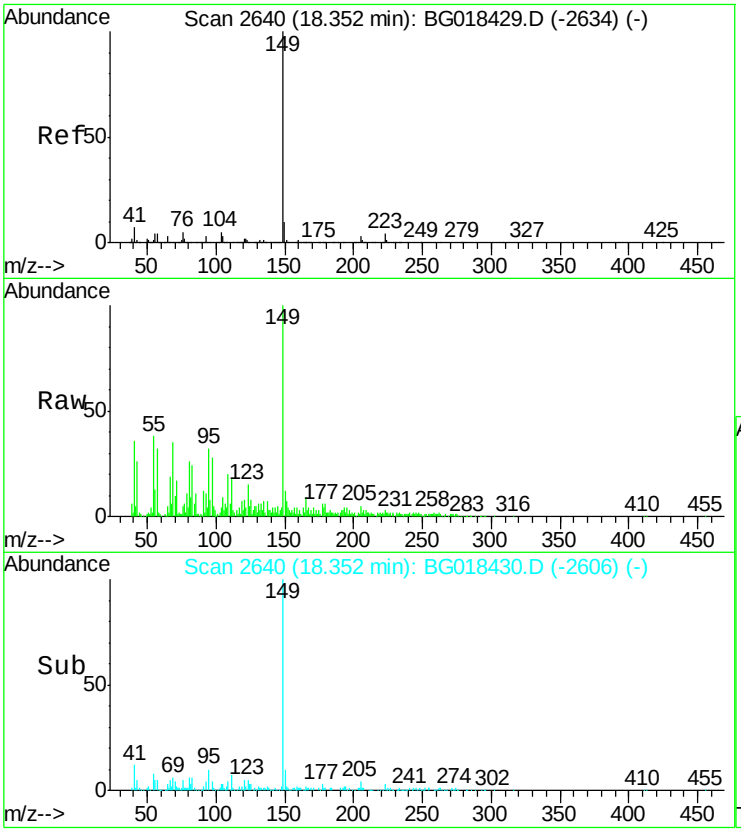


#75
Carbazole
Concen: 1.09 ng/ul
RT: 17.79 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Tgt Ion:167 Resp: 46255

Ion	Ratio	Lower	Upper
167	100		
166	24.8	18.9	28.3
139	19.3	10.1	15.1#



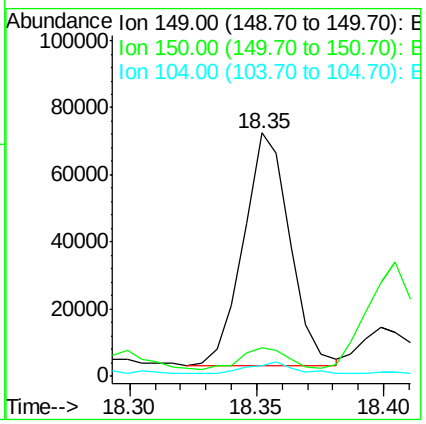


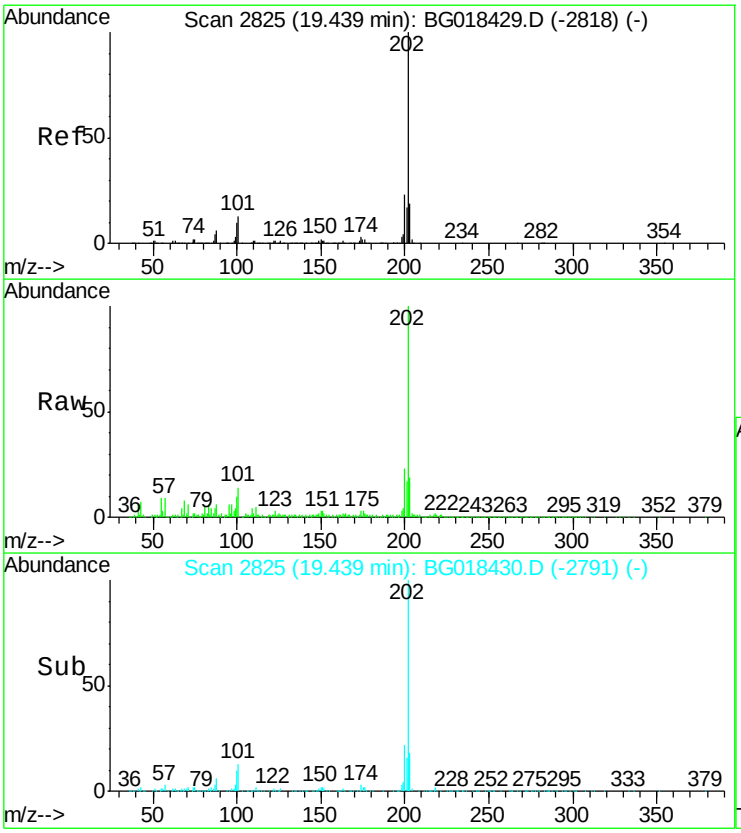
#76
Di-n-butylphthalate
Concen: 1.59 ng/ul
RT: 18.35 min Scan# 2640
Delta R.T. -0.00 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Instrument :
BNA_G
ClientSampleId :
C02J7DL

Tgt Ion:149 Resp: 88254

Ion	Ratio	Lower	Upper
149	100		
150	11.7	7.5	11.3#
104	4.3	4.3	6.5#

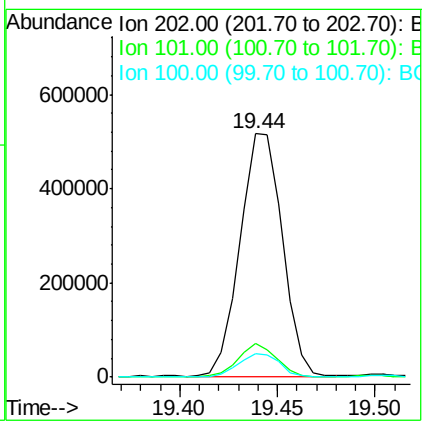


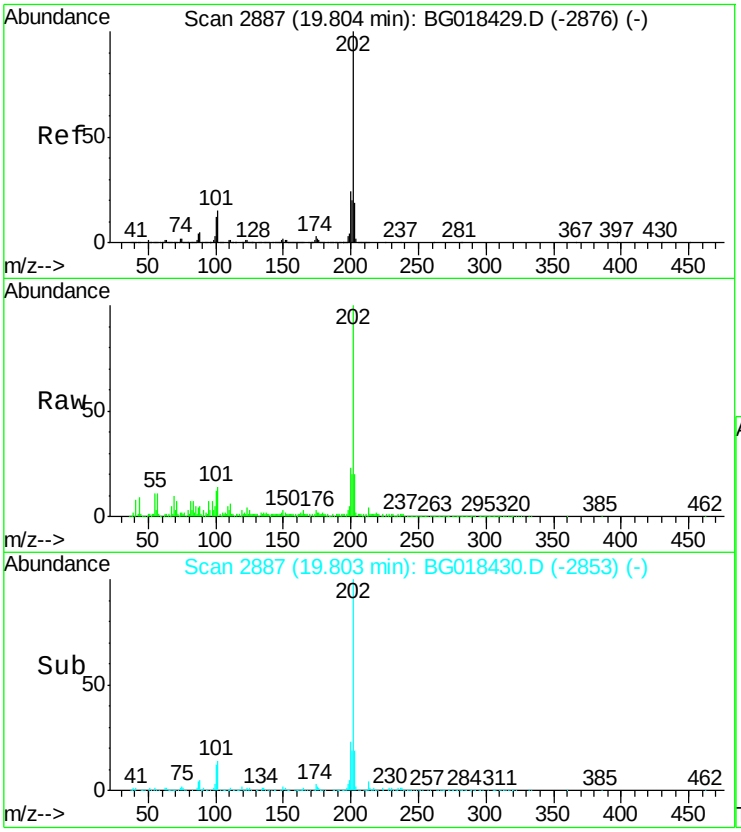


#77
Fluoranthene
Concen: 15.12 ng/ul
RT: 19.44 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Tgt Ion:202 Resp: 770091

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.7	14.5
100	9.9	7.8	11.8



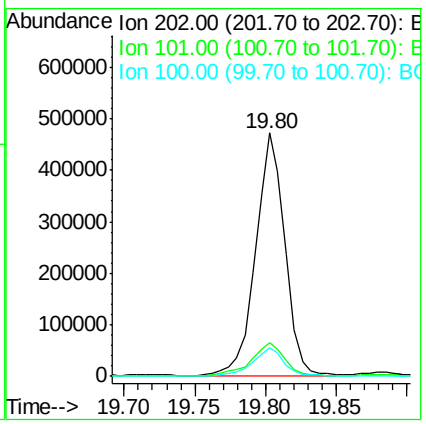


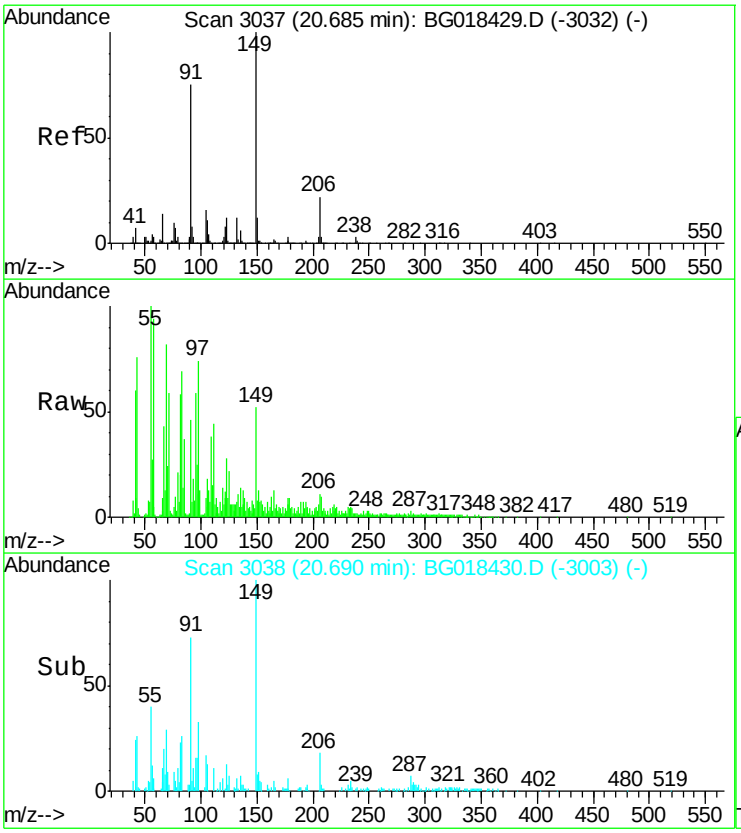
#80
Pyrene
Concen: 12.90 ng/ul
RT: 19.80 min Scan# 2887
Delta R.T. -0.00 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Instrument :
BNA_G
ClientSampleId :
C02J7DL

Tgt Ion:202 Resp: 681210

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.0	16.4
100	12.0	9.8	14.6

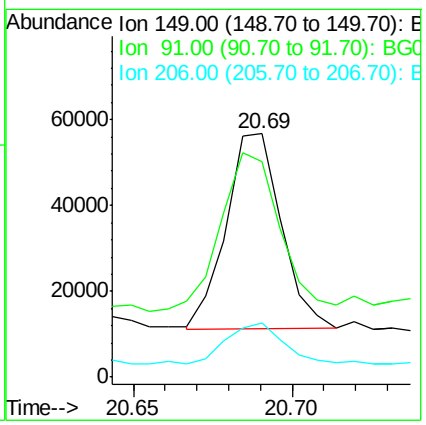


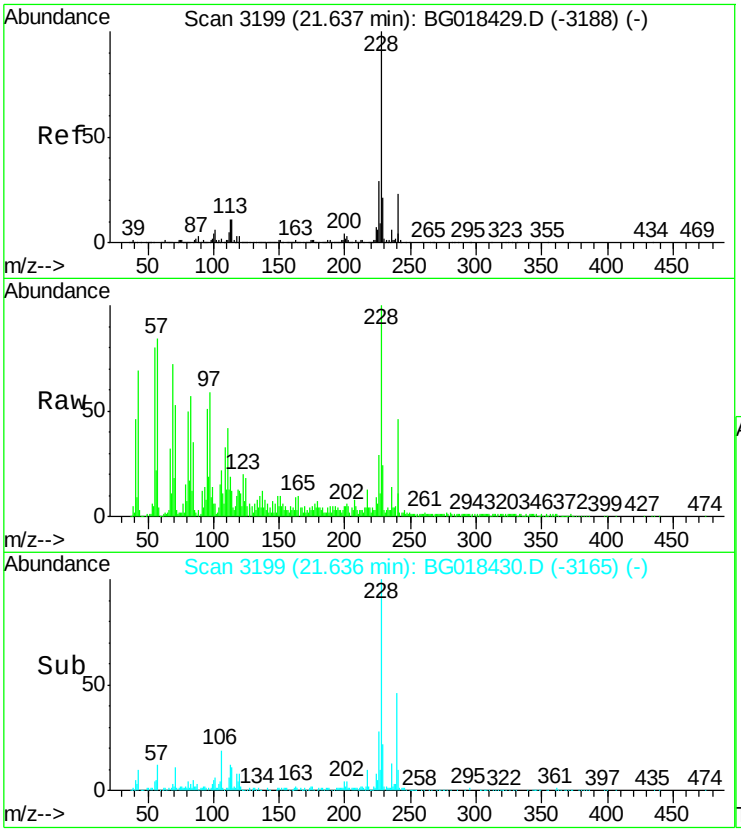


#81
Butylbenzylphthalate
Concen: 2.45 ng/ul
RT: 20.69 min Scan# 3038
Delta R.T. 0.01 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Tgt Ion:149 Resp: 54820

Ion	Ratio	Lower	Upper
149	100		
91	88.5	57.9	86.9#
206	22.1	17.9	26.9



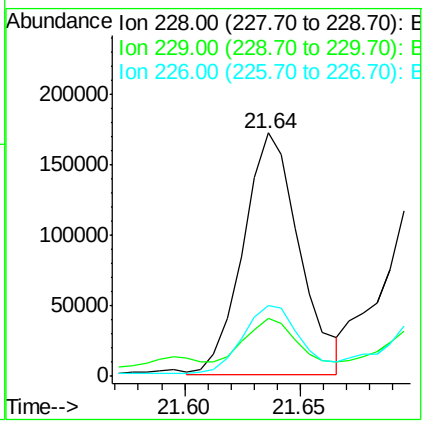


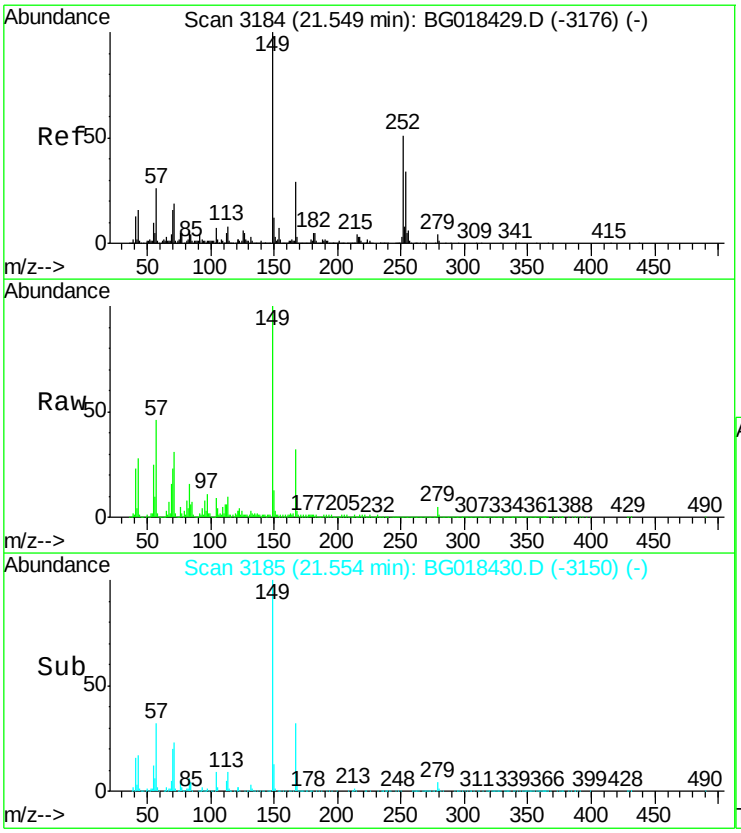
#83
Benzo(a)anthracene
Concen: 5.97 ng/ul
RT: 21.64 min Scan# 3199
Delta R.T. -0.00 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Instrument :
BNA_G
ClientSampleId :
C02J7DL

Tgt Ion:228 Resp: 289406

Ion	Ratio	Lower	Upper
228	100		
229	23.7	15.5	23.3#
226	29.1	22.1	33.1

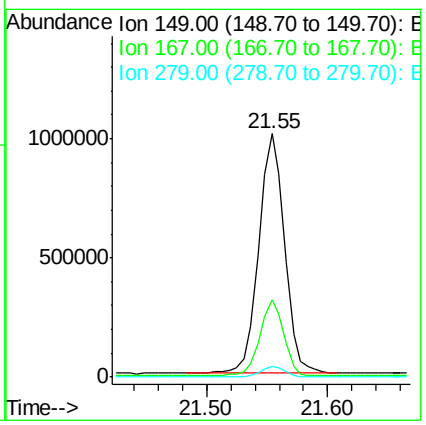


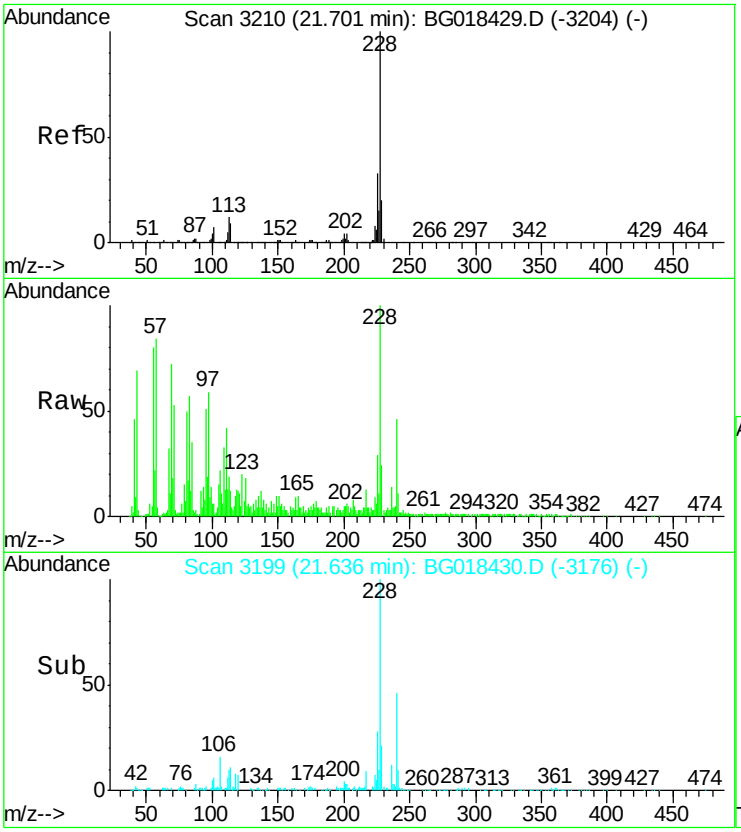


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.22 ng/ul
RT: 21.55 min Scan# 3185
Delta R.T. 0.01 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Tgt Ion:149 Resp: 1490625

Ion	Ratio	Lower	Upper
149	100		
167	31.9	22.2	33.2
279	4.5	2.8	4.2#



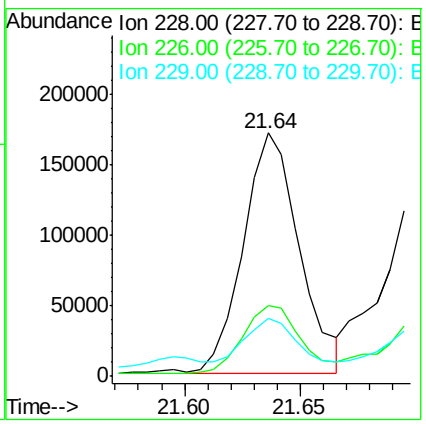


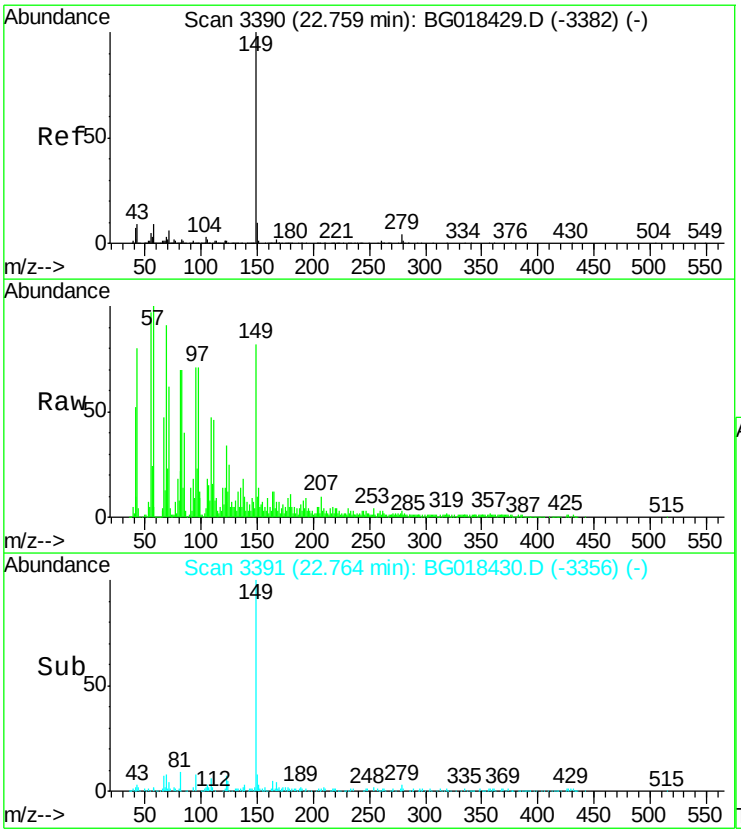
#85
Chrysene
Concen: 6.33 ng/ul
RT: 21.64 min Scan# 3199
Delta R.T. -0.07 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Instrument :
BNA_G
ClientSampleId :
C02J7DL

Tgt Ion:228 Resp: 286729

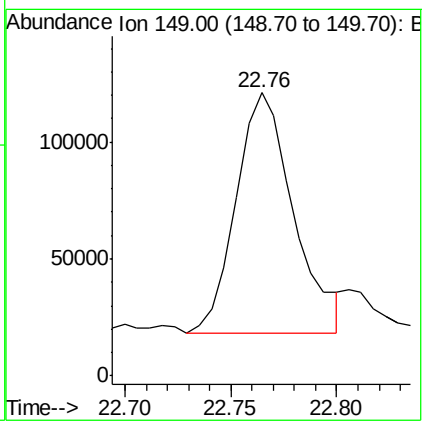
Ion	Ratio	Lower	Upper
228	100		
226	29.1	26.5	39.7
229	23.7	16.9	25.3

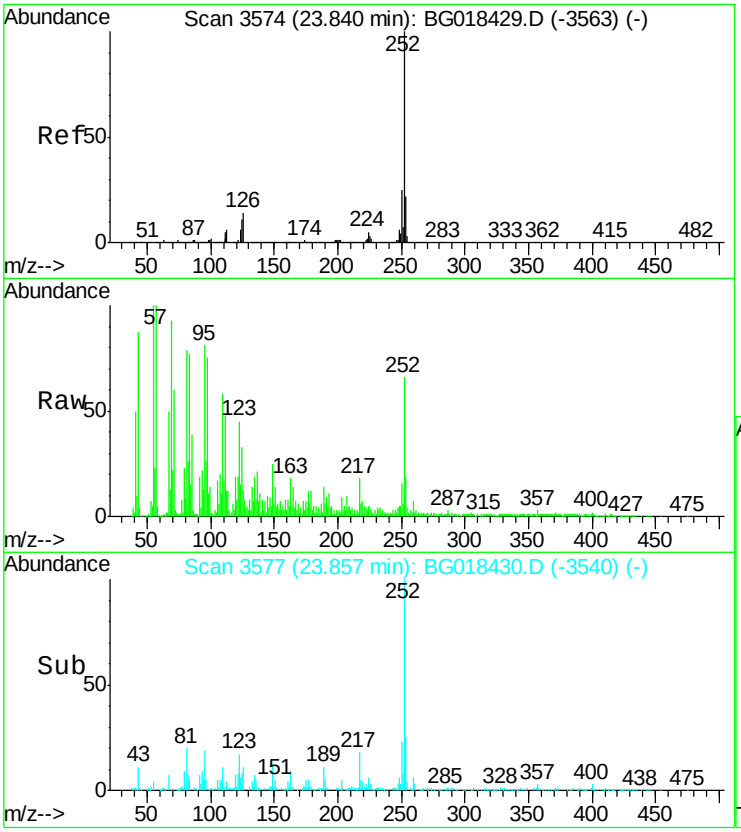




#87
Di-n-octyl phthalate
Concen: 3.89 ng/ul
RT: 22.76 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Tgt Ion:149 Resp: 193356



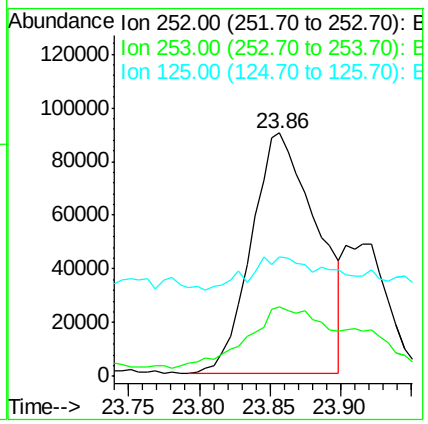


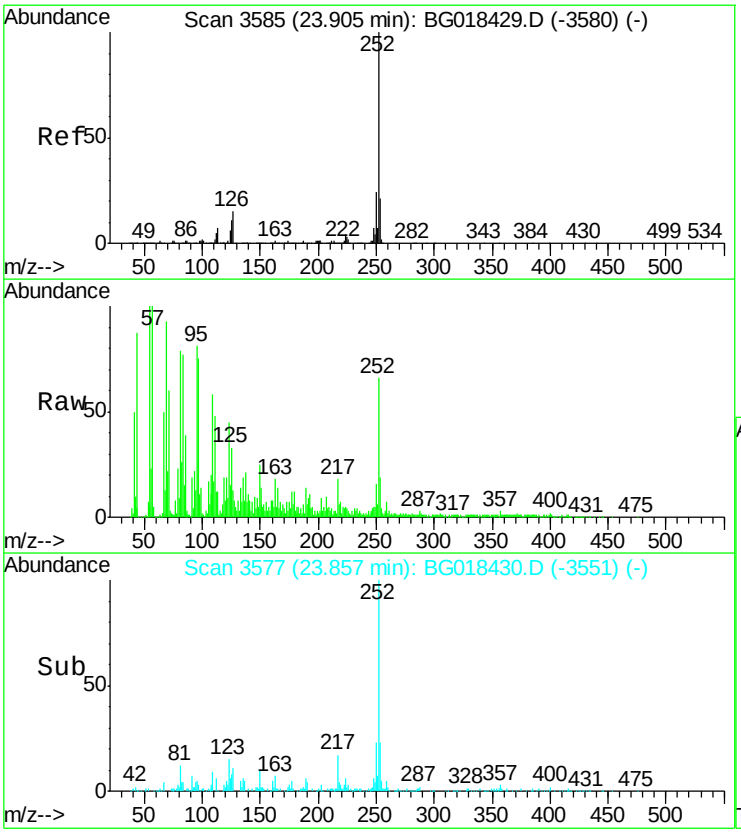
#88
Benzo(b)fluoranthene
Concen: 5.99 ng/ul
RT: 23.86 min Scan# 3577
Delta R.T. 0.02 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Instrument :
BNA_G
ClientSampleId :
C02J7DL

Tgt Ion:252 Resp: 289583

Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.1	27.1#
125	49.3	8.3	12.5#

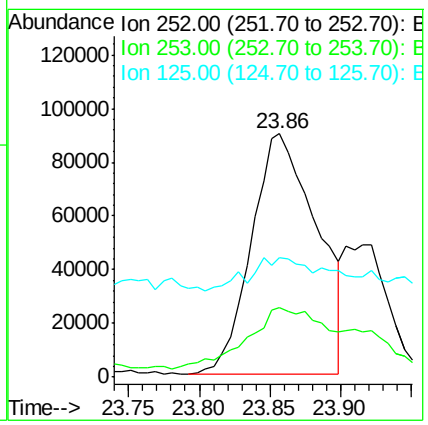


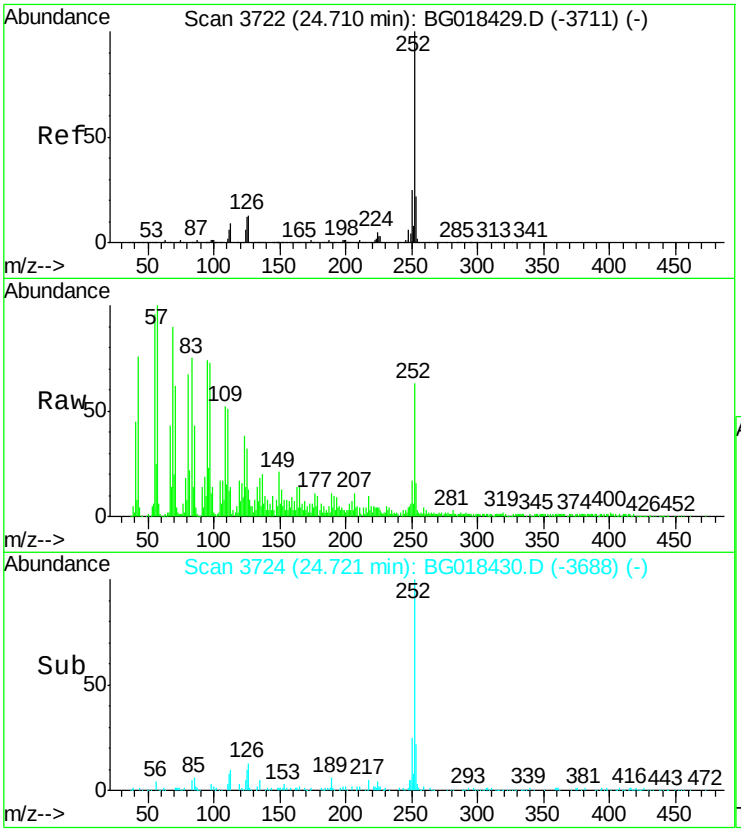


#89
Benzo(k)fluoranthene
Concen: 6.22 ng/ul
RT: 23.86 min Scan# 3577
Delta R.T. -0.05 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Tgt Ion:252 Resp: 289583

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.8	26.6#
125	49.3	9.0	13.4#



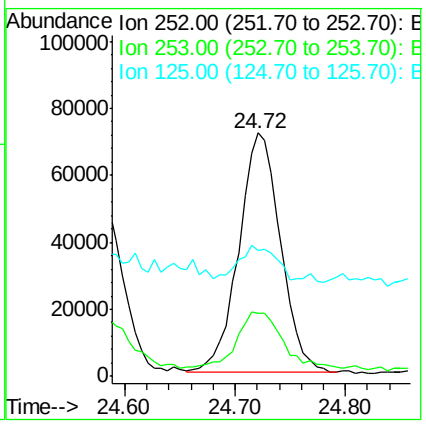


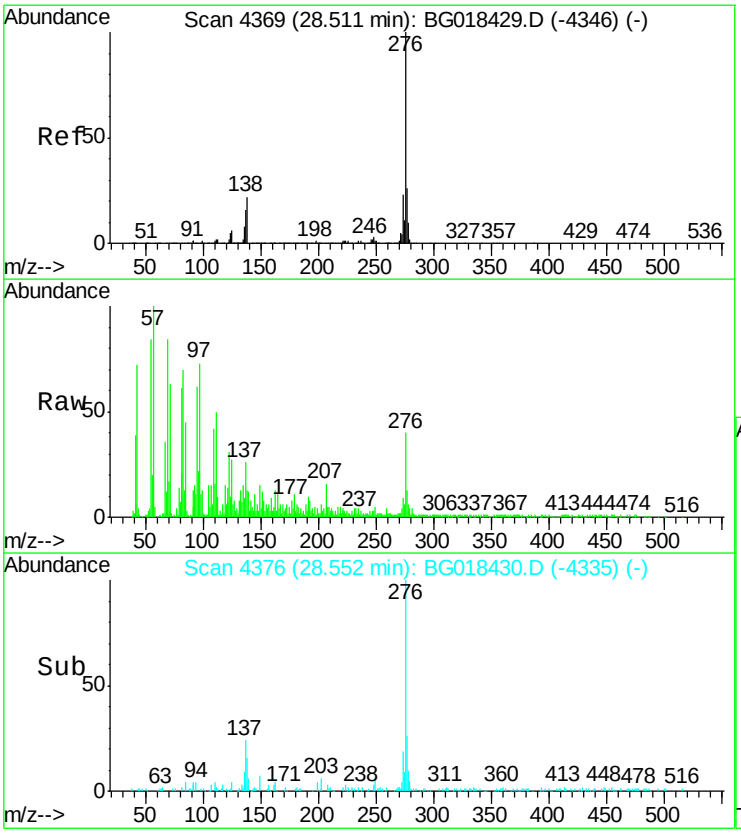
#91
Benzo(a)pyrene
Concen: 4.09 ng/ul
RT: 24.72 min Scan# 3724
Delta R.T. 0.01 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Instrument :
BNA_G
ClientSampleId :
C02J7DL

Tgt Ion:252 Resp: 188120

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.7	26.5
125	51.7	10.2	15.2#





#92
Indeno(1,2,3-cd)pyrene
Concen: 2.00 ng/ul
RT: 28.55 min Scan# 4376
Delta R.T. 0.04 min
Lab File: BG018430.D
Acq: 13 Aug 2015 17:22

Tgt Ion:276 Resp: 106215

Ion	Ratio	Lower	Upper
276	100		
138	32.5	15.8	23.6#
277	31.9	18.9	28.3#