Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018231.D
Acq On : 2 Aug 2015 18:10
Operator : TP
Sample : G3065-06RE
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z8RE

Quant Time: Aug 03 06:03:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	81597	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	342041	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.16	164	175362	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.02	188	112647	20.00	ng/ul	0.12
78) Chrysene-d12	21.27	240	511	20.00	ng/ul	0.15
86) Perylene-d12	23.35	264	341040	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	958	0.89	ng/uL	0.00
5) Phenol-d5	6.68	99	55720	7.59	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.82	67	30092	8.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	51229	9.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	30356	5.08	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	26778	9.94	ng/ul	0.02
22) 2-Nitrophenol-d4	9.36	143	26470	8.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	51727	9.47	ng/ul	0.02
29) 4-Chloroaniline-d4	10.42	131	9190	1.35	ng/ul	0.02
44) Dimethylphthalate-d6	13.58	166	133223	9.83	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	157023	9.99	ng/ul	0.02
52) 4-Nitrophenol-d4	14.42	143	13918	5.55	ng/ul	0.02
58) Fluorene-d10	15.16	176	100901	8.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	306	0.39	ng/ul	0.11
71) Anthracene-d10	17.02	188	112746	23.02	ng/ul	0.02
79) Pyrene-d10	19.46	212	668	27.02	ng/ul	0.14
90) Benzo(a)pyrene-d12	23.21	264	181084	10.50	ng/ul	0.06
Target Compounds						Qvalue
14) Acetophenone	8.31	105	10872	1.17	ng/ul#	88
17) Hexachloroethane	8.58	117	2961	1.19	ng/ul#	5
28) Naphthalene	10.31	128	87662	5.32	ng/ul#	94
34) 2-Methylnaphthalene	11.95	142	38497	2.95	ng/ul	94
35) 1-Methylnaphthalene	12.17	142	32093	2.57	ng/ul#	85
45) Dimethylphthalate	13.62	163	135282	10.03	ng/ul	99
50) Acenaphthene	14.23	153	45730	4.50	ng/ul	99
54) Dibenzofuran	14.56	168	36770	2.40	ng/ul#	76
59) Fluorene	15.22	166	55289	4.19	ng/ul	98
65) N-Nitrosodiphenylamine	15.54	169	7028	2.41	ng/ul#	54
70) Phenanthrene	16.97	178	380960	66.57	ng/ul	97
76) Di-n-butylphthalate	18.01	149	6554	1.04	ng/ul#	1
80) Pyrene	19.50	202	1761	56.81	ng/ul#	80
81) Butylbenzylphthalate	20.39	149	1476	117.24	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.17	252	105714	9810.01	ng/ul#	66
83) Benzo(a)anthracene	21.13	228	241906	8790.57	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.18	149	8232	484.62	ng/ul#	3
85) Chrysene	21.13	228	176680	7009.10	ng/ul	94
88) Benzo(b)fluoranthene	22.69	252	392386	19.15	ng/ul#	53
89) Benzo(k)fluoranthene	22.69	252	392386	20.84	ng/ul#	52
91) Benzo(a)pyrene	23.25	252	241720	13.19	ng/ul#	36
92) Indeno(1,2,3-cd)pyrene	25.57	276	63761	3.01	ng/ul#	91
94) Benzo(g,h,i)perylene	26.24	276	57411	3.32	ng/ul#	88

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018231.D
Acq On : 2 Aug 2015 18:10
Operator : TP
Sample : G3065-06RE
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Z8RE

Quant Time: Aug 03 06:03:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

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

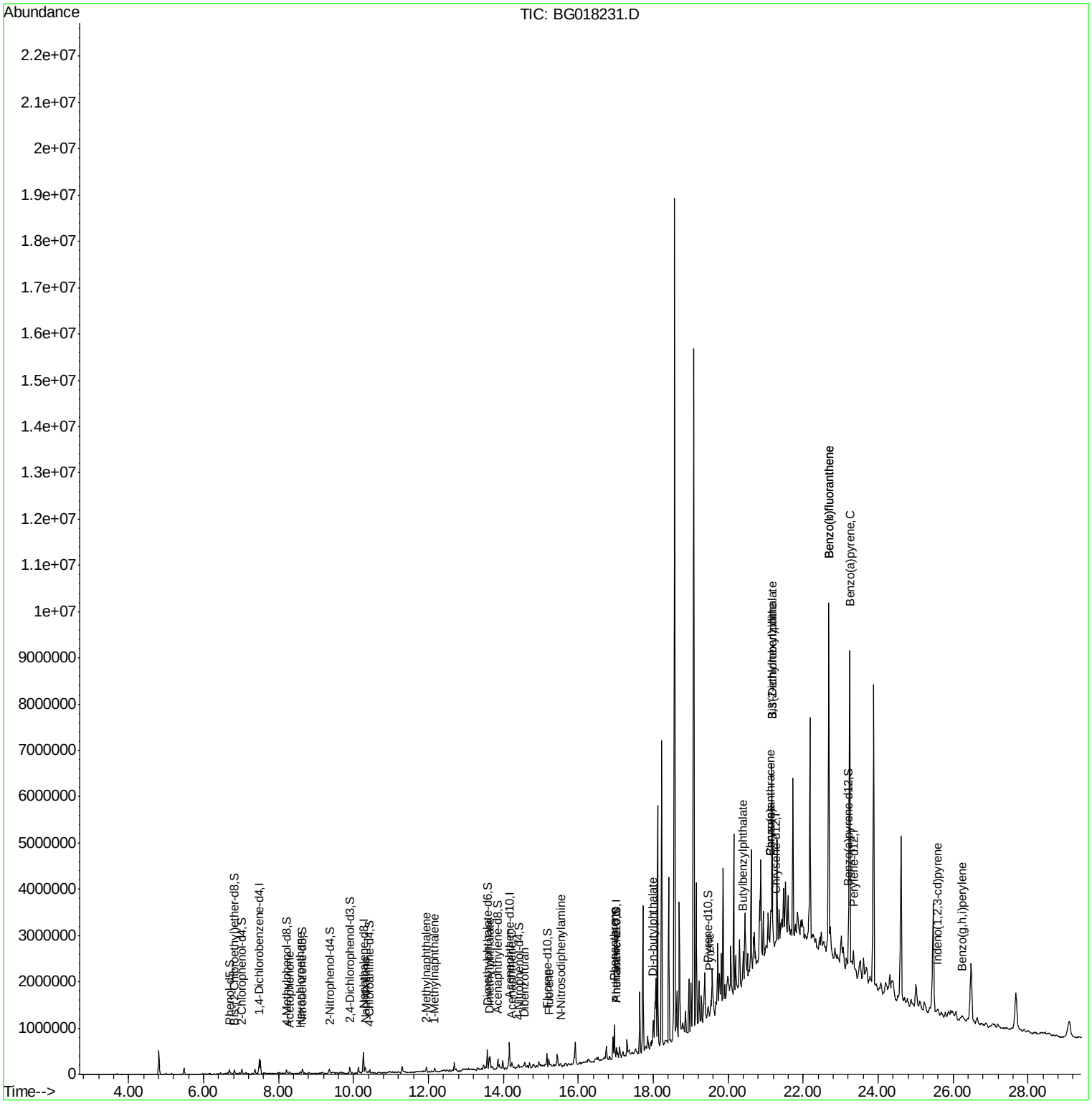
(#) = qualifier out of range (m) = manual integration (+) = signals summed

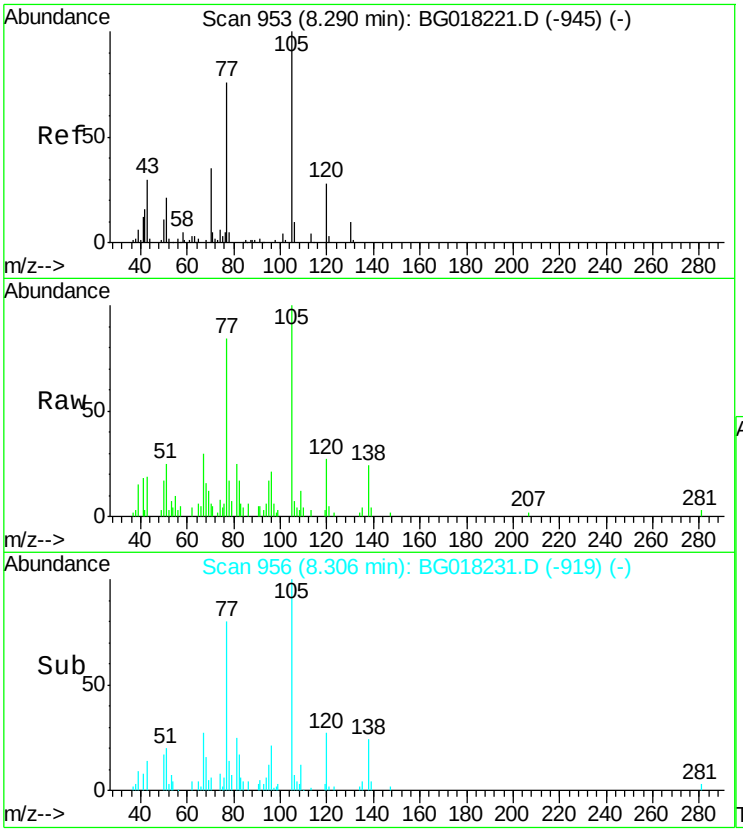
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018231.D
Acq On : 2 Aug 2015 18:10
Operator : TP
Sample : G3065-06RE
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z8RE

Quant Time: Aug 03 06:03:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration



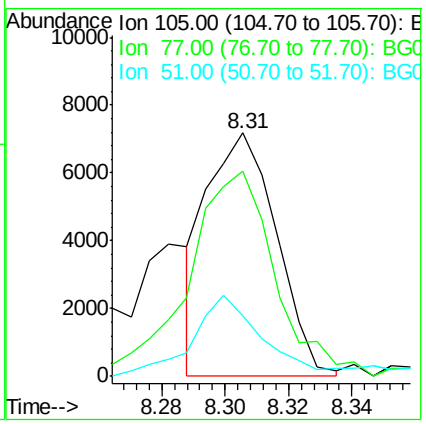


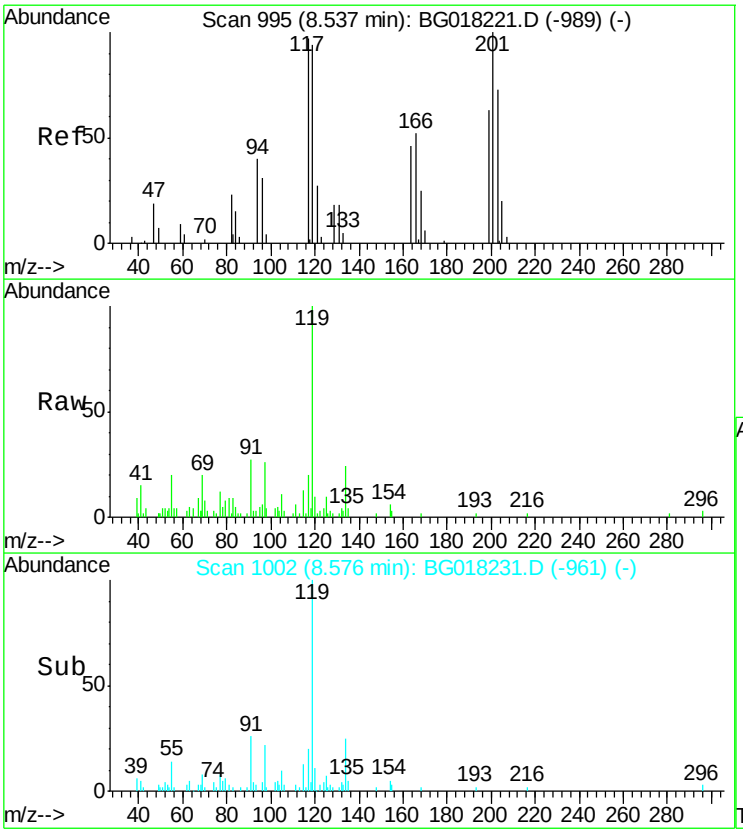
#14
Acetophenone
Concen: 1.17 ng/ul
RT: 8.31 min Scan# 956
Delta R.T. 0.02 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Instrument :
BNA_G
ClientSampleId :
C01Z8RE

Tgt Ion:105 Resp: 10872

Ion	Ratio	Lower	Upper
105	100		
77	84.3	58.4	87.6
51	24.8	16.5	24.7#

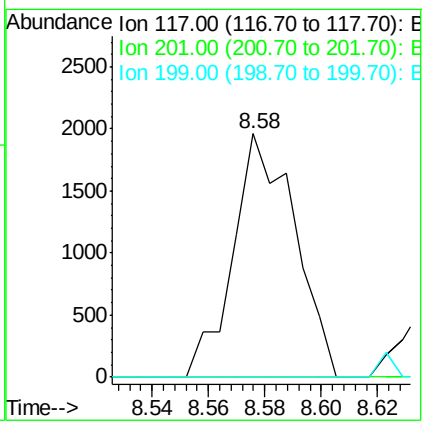


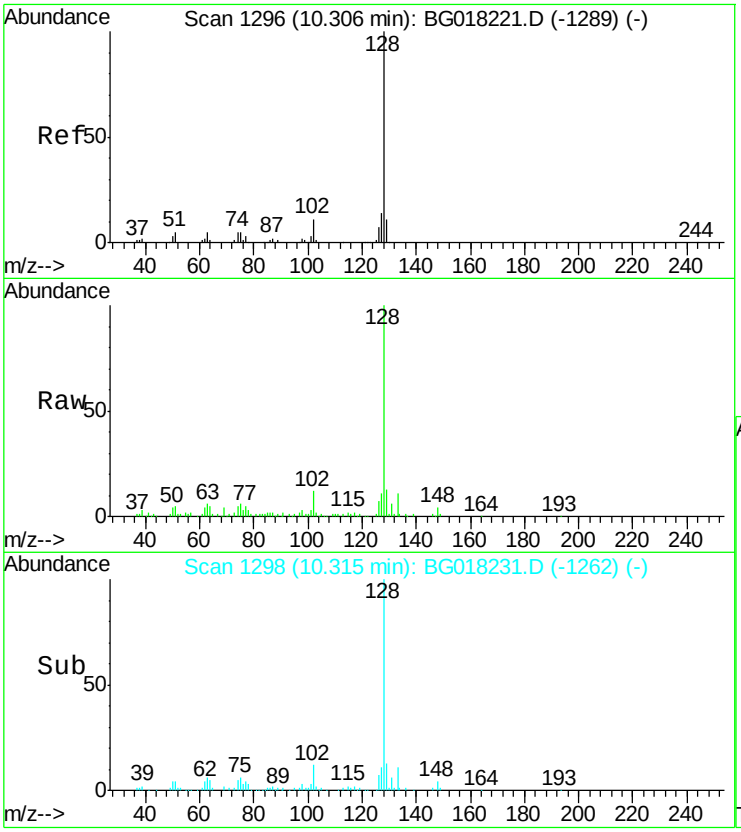


#17
Hexachloroethane
Concen: 1.19 ng/ul
RT: 8.58 min Scan# 1002
Delta R.T. 0.04 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Tgt Ion:117 Resp: 2961

Ion	Ratio	Lower	Upper
117	100		
201	0.0	85.0	127.4#
199	0.0	52.2	78.4#



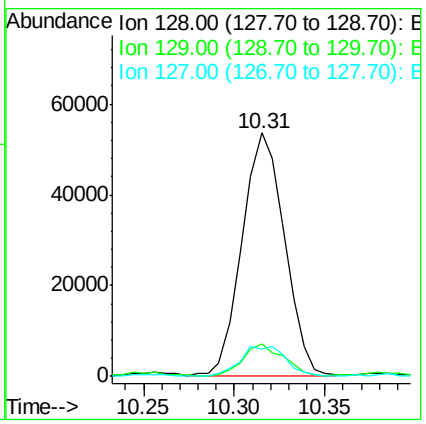


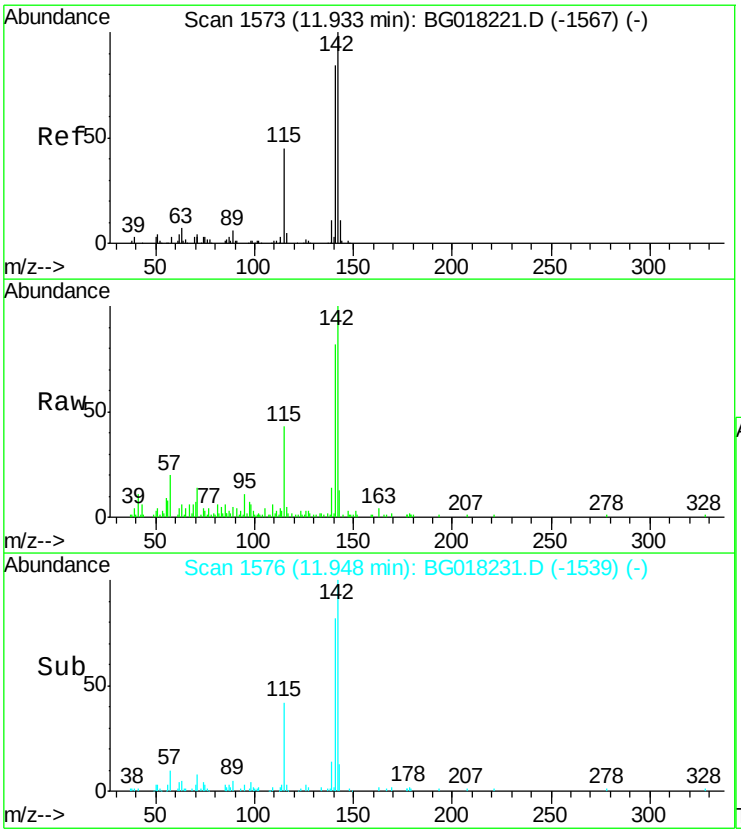
#28
Naphthalene
Concen: 5.32 ng/ul
RT: 10.31 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Instrument :
BNA_G
ClientSampleId :
C01Z8RE

Tgt Ion:128 Resp: 87662

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.1	13.7
127	11.0	11.2	16.8#

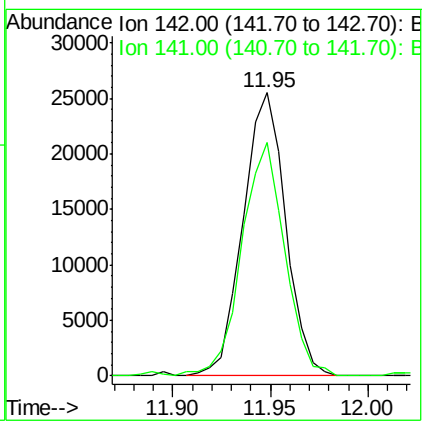


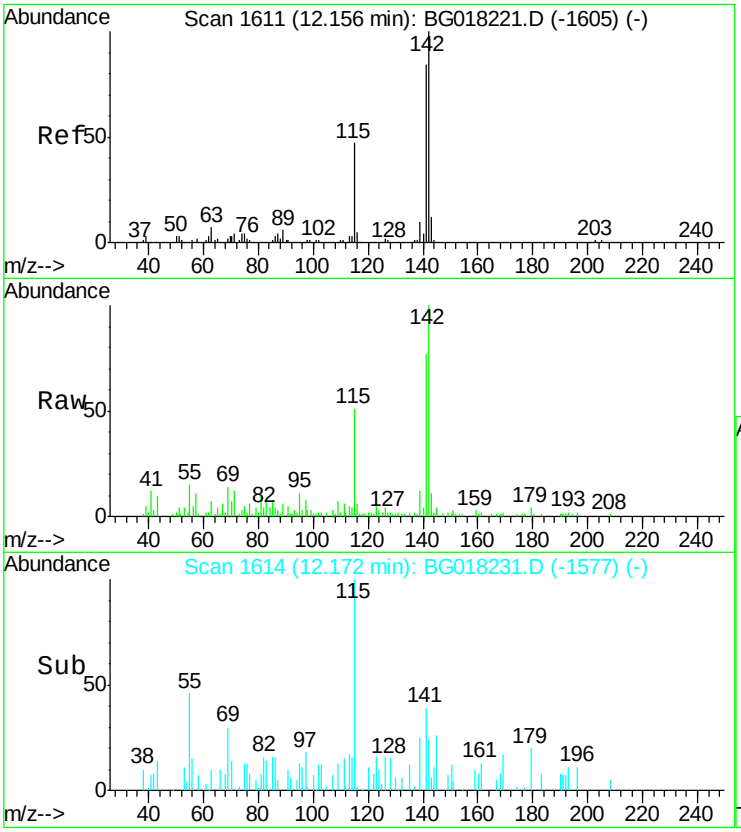


#34
2-Methylnaphthalene
Concen: 2.95 ng/ul
RT: 11.95 min Scan# 1576
Delta R.T. 0.02 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Tgt Ion:142 Resp: 38497

Ion	Ratio	Lower	Upper
142	100		
141	82.3	70.3	105.5



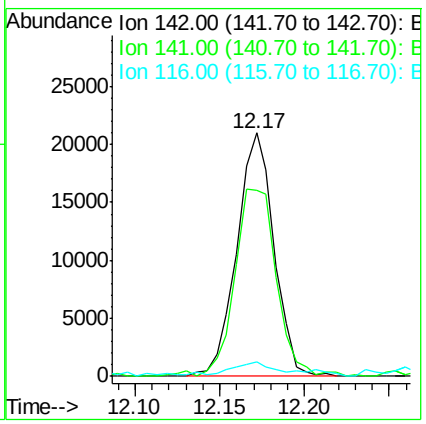


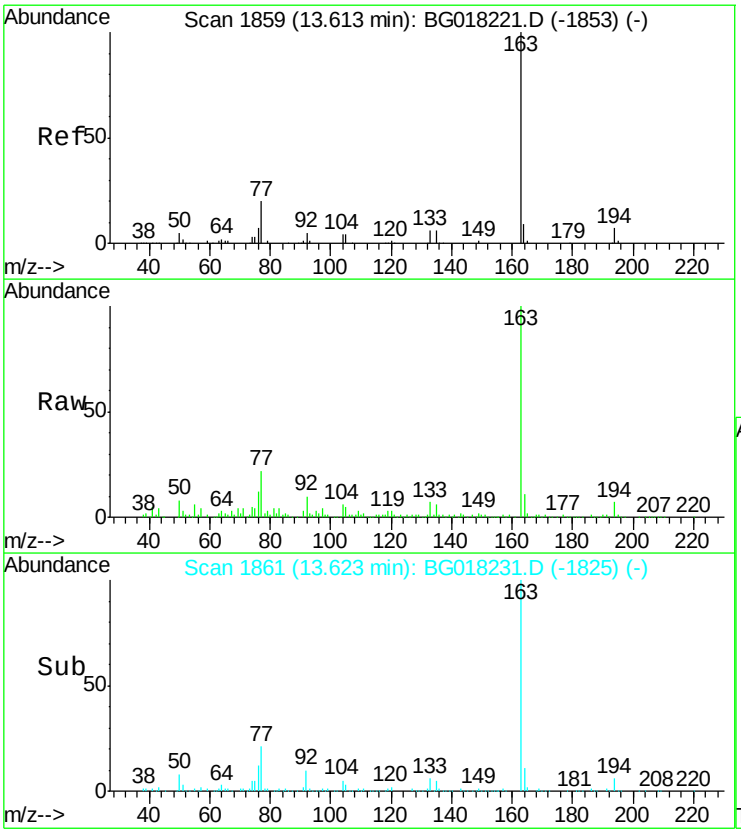
#35
1-Methylnaphthalene
Concen: 2.57 ng/ul
RT: 12.17 min Scan# 1614
Delta R.T. 0.02 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Instrument :
BNA_G
ClientSampleId :
C01Z8RE

Tgt Ion:142 Resp: 32093

Ion	Ratio	Lower	Upper
142	100		
141	76.6	72.5	108.7
116	5.7	2.6	4.0#

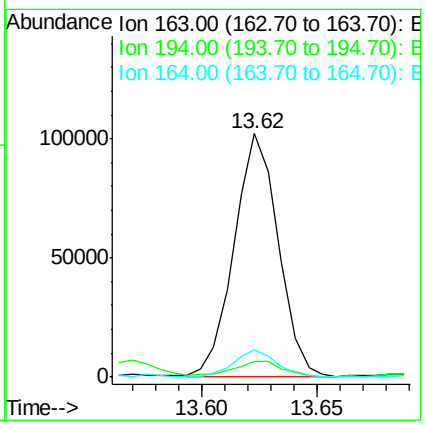


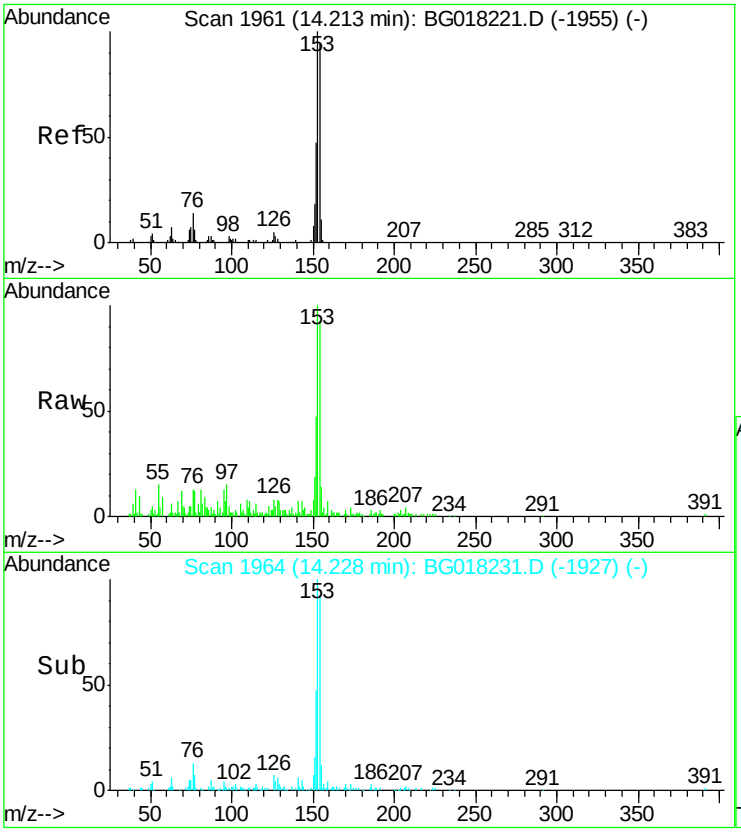


#45
Dimethylphthalate
Concen: 10.03 ng/ul
RT: 13.62 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Tgt Ion:163 Resp: 135282

Ion	Ratio	Lower	Upper
163	100		
194	6.6	5.2	7.8
164	11.3	8.4	12.6



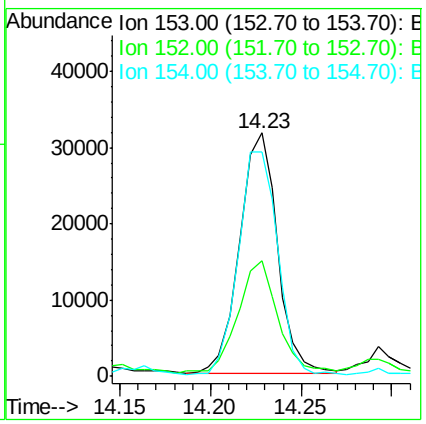


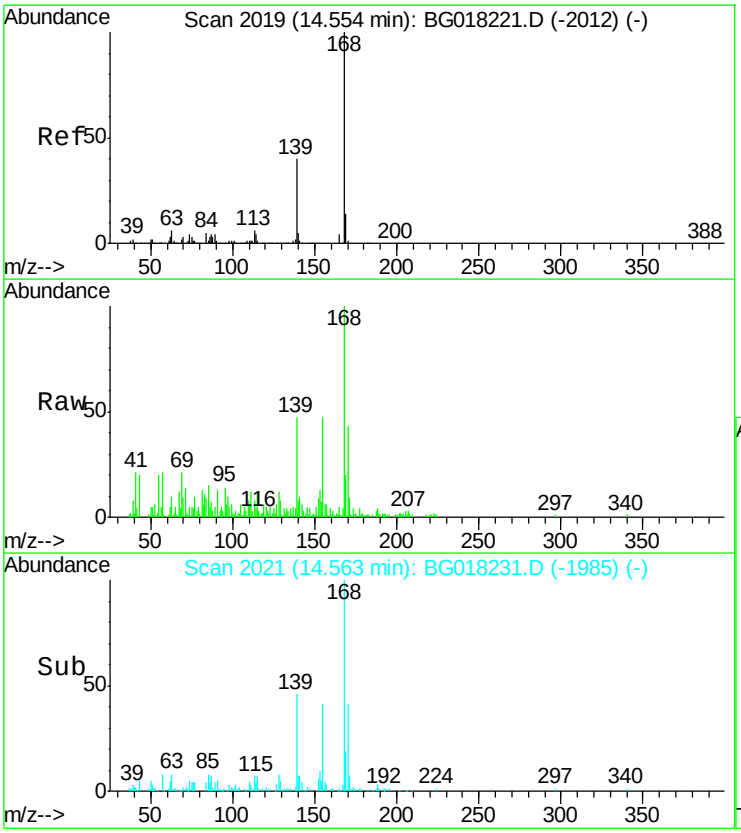
#50
Acenaphthene
Concen: 4.50 ng/ul
RT: 14.23 min Scan# 1964
Delta R.T. 0.02 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Instrument :
BNA_G
ClientSampleId :
C01Z8RE

Tgt Ion:153 Resp: 45730

Ion	Ratio	Lower	Upper
153	100		
152	47.3	38.7	58.1
154	92.4	74.8	112.2

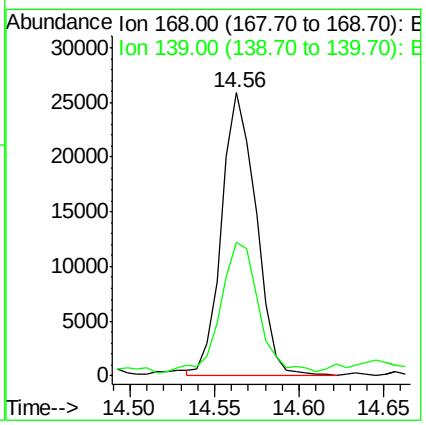


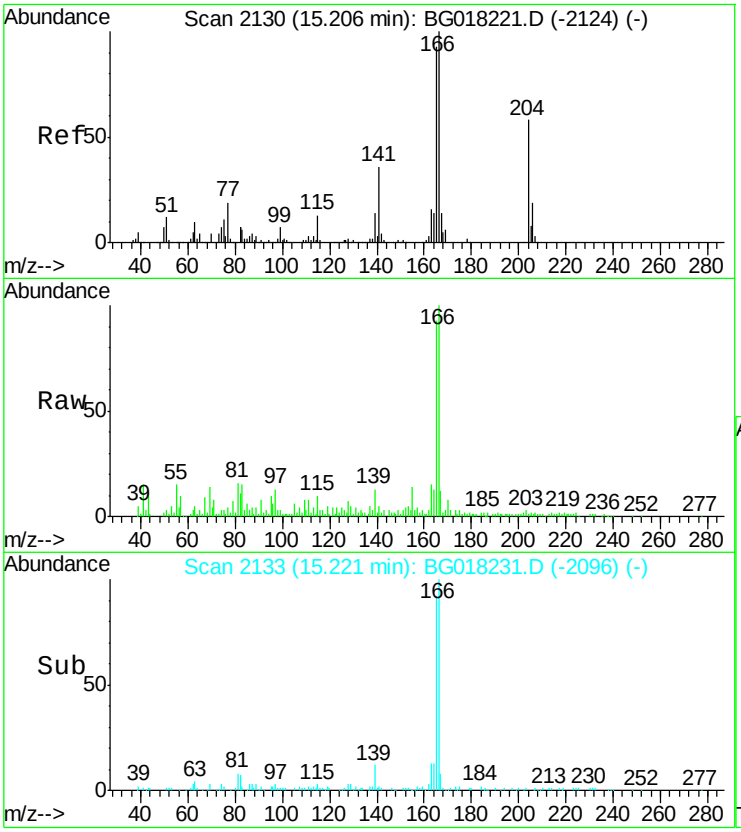


#54
Dibenzofuran
Concen: 2.40 ng/ul
RT: 14.56 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Tgt Ion:168 Resp: 36770

Ion	Ratio	Lower	Upper
168	100		
139	47.2	26.8	40.2#



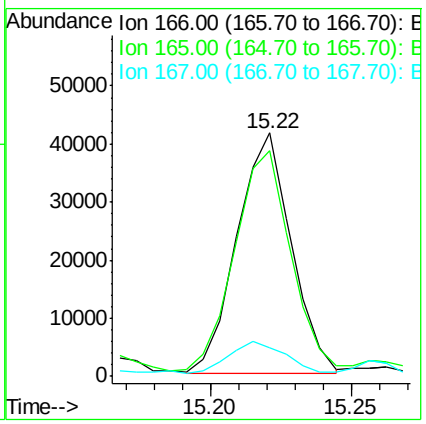


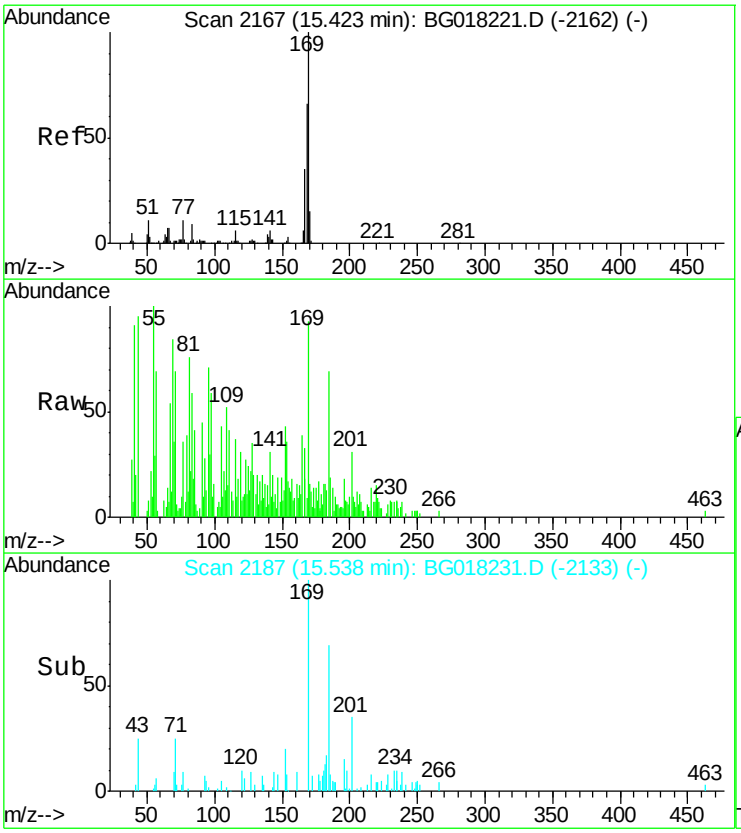
#59
Fluorene
Concen: 4.19 ng/ul
RT: 15.22 min Scan# 2133
Delta R.T. 0.02 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Instrument :
BNA_G
ClientSampleId :
C01Z8RE

Tgt Ion:166 Resp: 55289

Ion	Ratio	Lower	Upper
166	100		
165	93.0	75.1	112.7
167	11.9	11.8	17.6

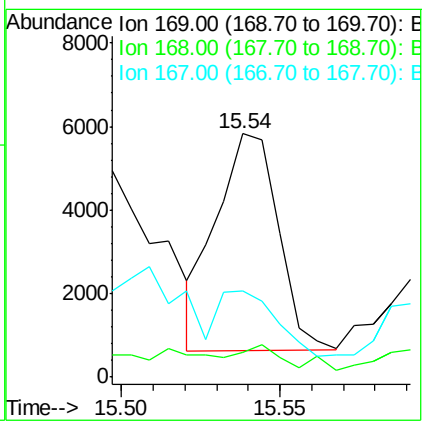


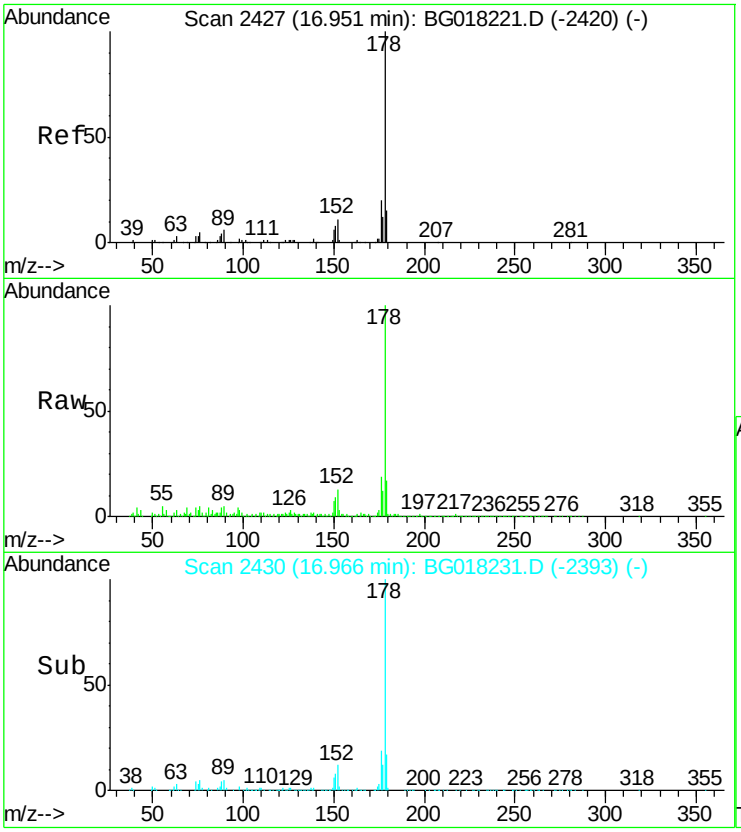


#65
N-Nitrosodiphenylamine
Concen: 2.41 ng/ul
RT: 15.54 min Scan# 2187
Delta R.T. 0.12 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Tgt Ion:169 Resp: 7028

Ion	Ratio	Lower	Upper
169	100		
168	9.9	51.8	77.6#
167	35.4	27.7	41.5



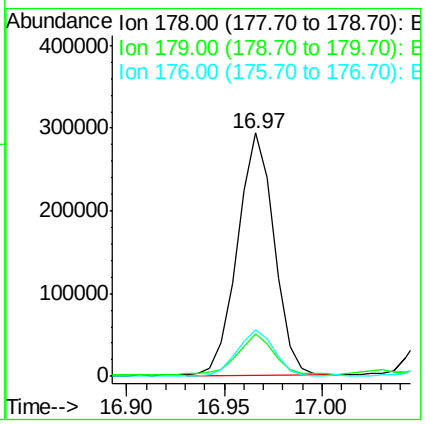


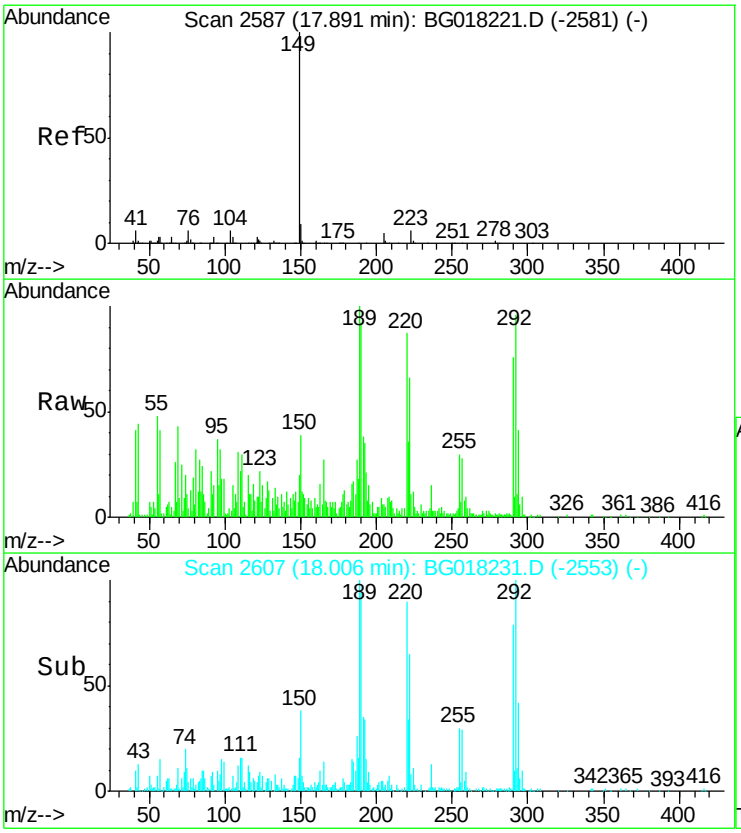
#70
Phenanthrene
Concen: 66.57 ng/ul
RT: 16.97 min Scan# 2430
Delta R.T. 0.02 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Instrument :
BNA_G
ClientSampleId :
C01Z8RE

Tgt Ion:178 Resp: 380960

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.8	19.2
176	19.0	16.0	24.0

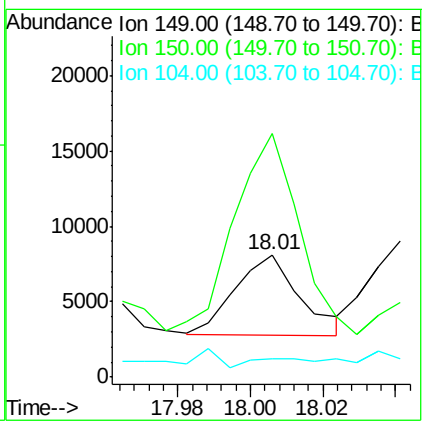


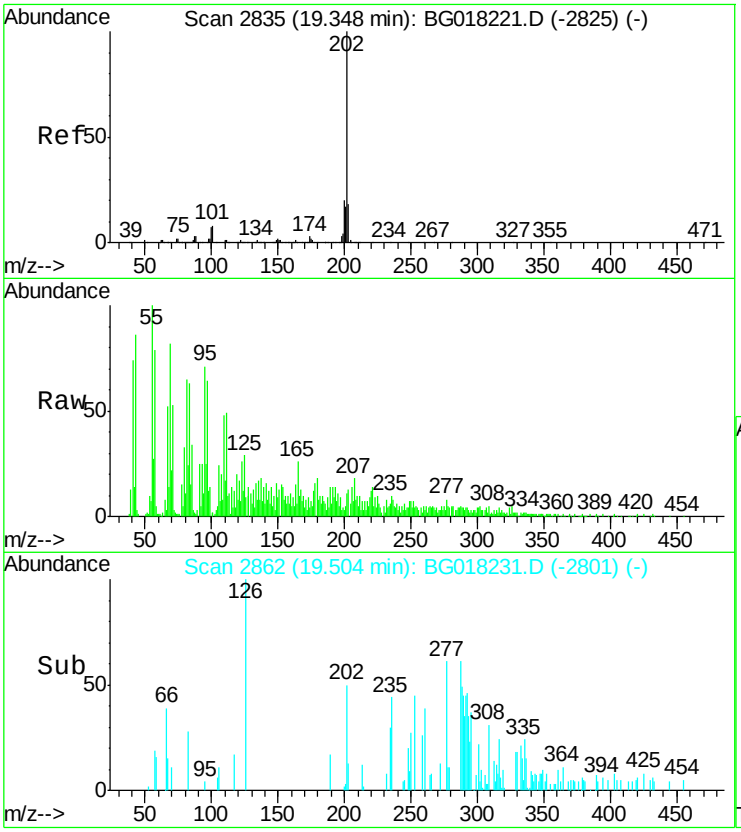


#76
Di-n-butylphthalate
Concen: 1.04 ng/ul
RT: 18.01 min Scan# 2607
Delta R.T. 0.12 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Tgt Ion:149 Resp: 6554

Ion	Ratio	Lower	Upper
149	100		
150	198.9	7.7	11.5#
104	14.5	3.6	5.4#



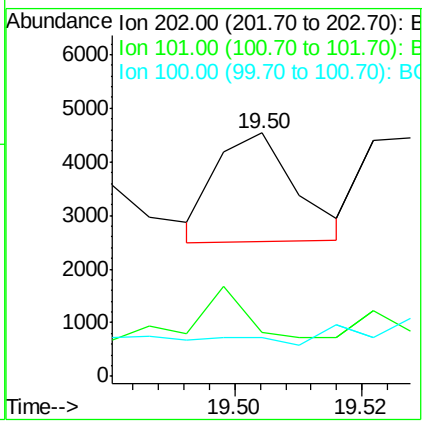


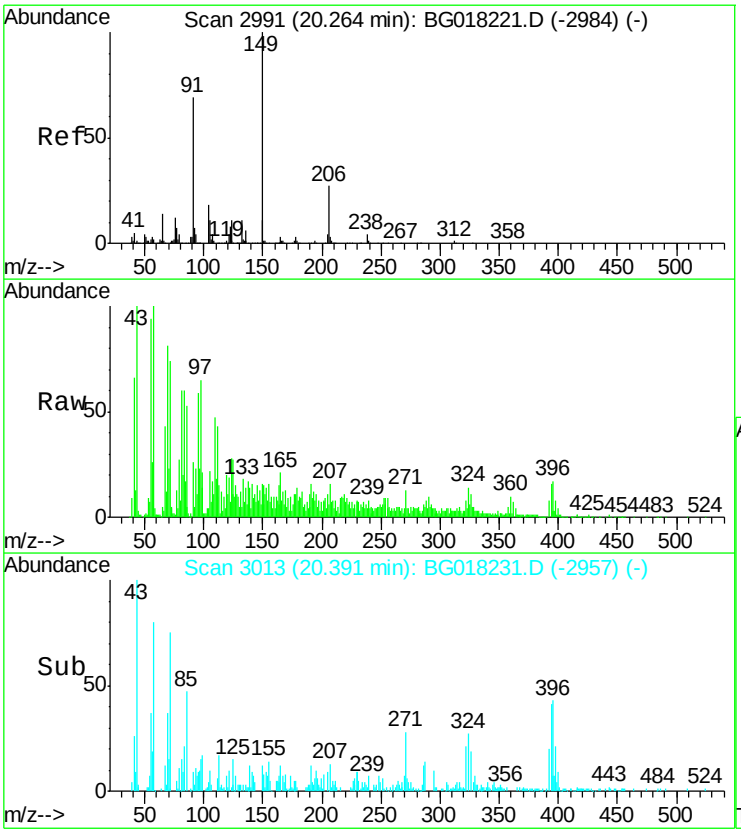
#80
Pyrene
Concen: 56.81 ng/ul
RT: 19.50 min Scan# 2862
Delta R.T. 0.16 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Instrument :
BNA_G
ClientSampleId :
C01Z8RE

Tgt Ion:202 Resp: 1761

Ion	Ratio	Lower	Upper
202	100		
101	18.0	8.1	12.1#
100	15.8	7.4	11.0#

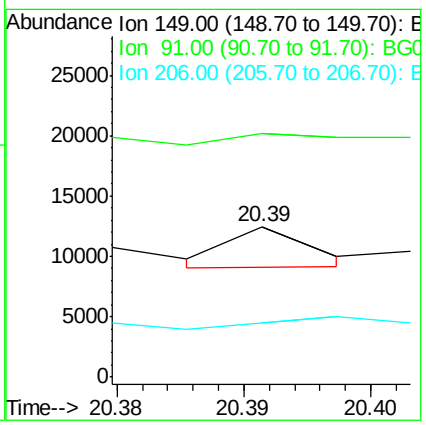


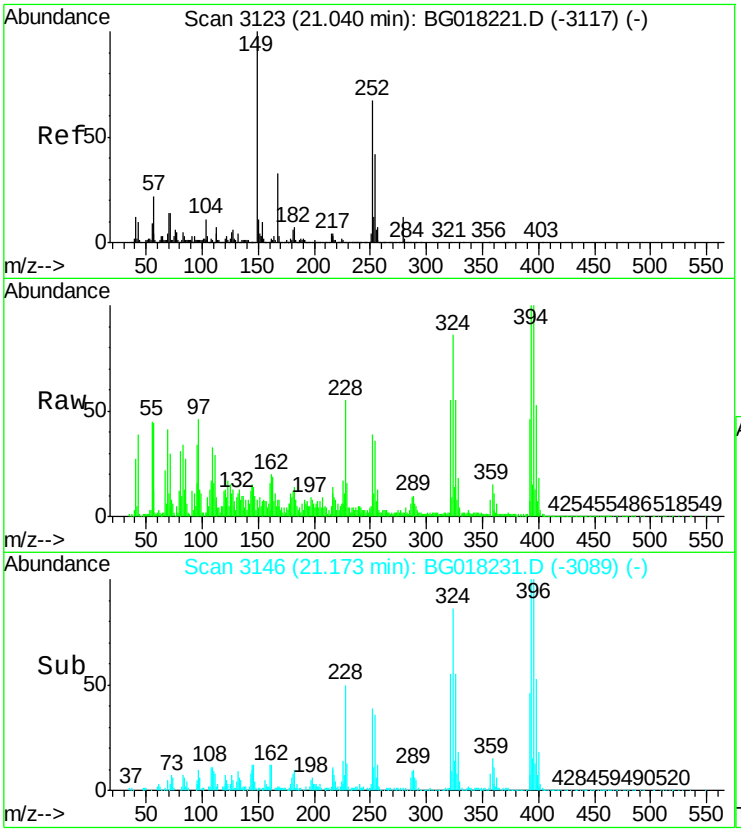


#81
Butylbenzylphthalate
Concen: 117.24 ng/ul
RT: 20.39 min Scan# 3013
Delta R.T. 0.13 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Tgt Ion:149 Resp: 1476

Ion	Ratio	Lower	Upper
149	100		
91	162.0	46.6	69.8#
206	36.2	21.8	32.8#



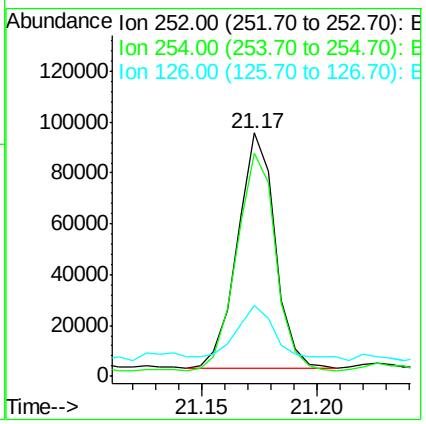


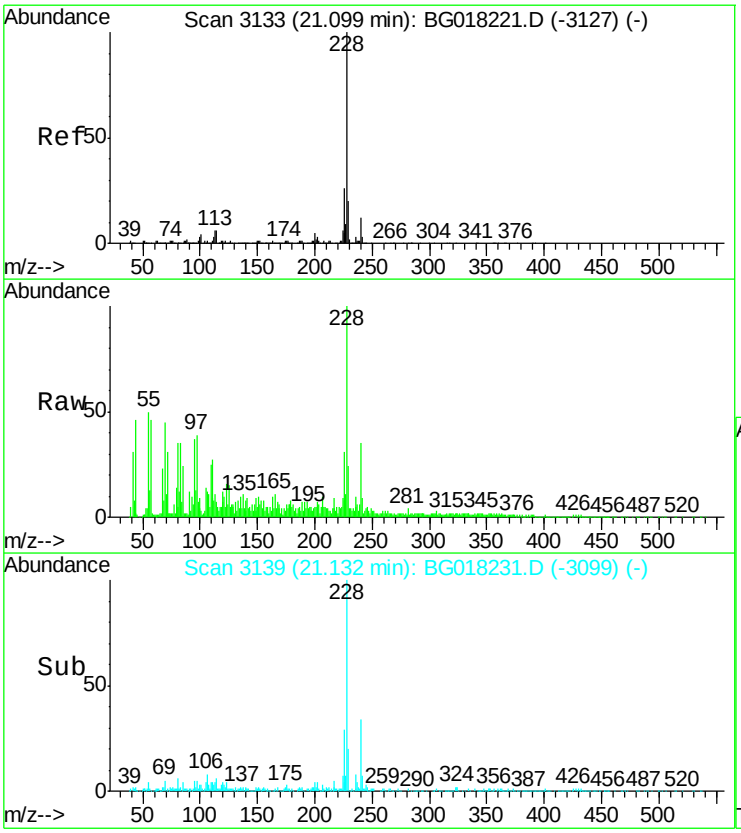
#82
3,3'-Dichlorobenzidine
Concen: 9810.01 ng/ul
RT: 21.17 min Scan# 3146
Delta R.T. 0.13 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Instrument :
BNA_G
ClientSampleId :
C01Z8RE

Tgt Ion:252 Resp: 105714

Ion	Ratio	Lower	Upper
252	100		
254	91.7	53.4	80.0#
126	29.2	8.7	13.1#

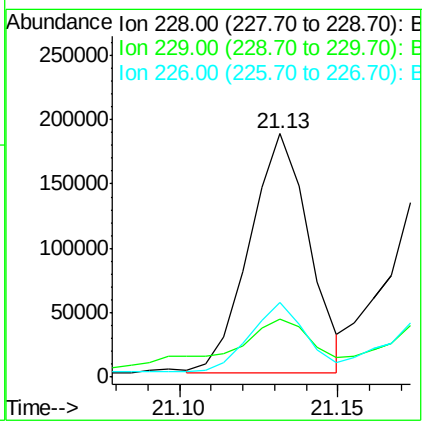


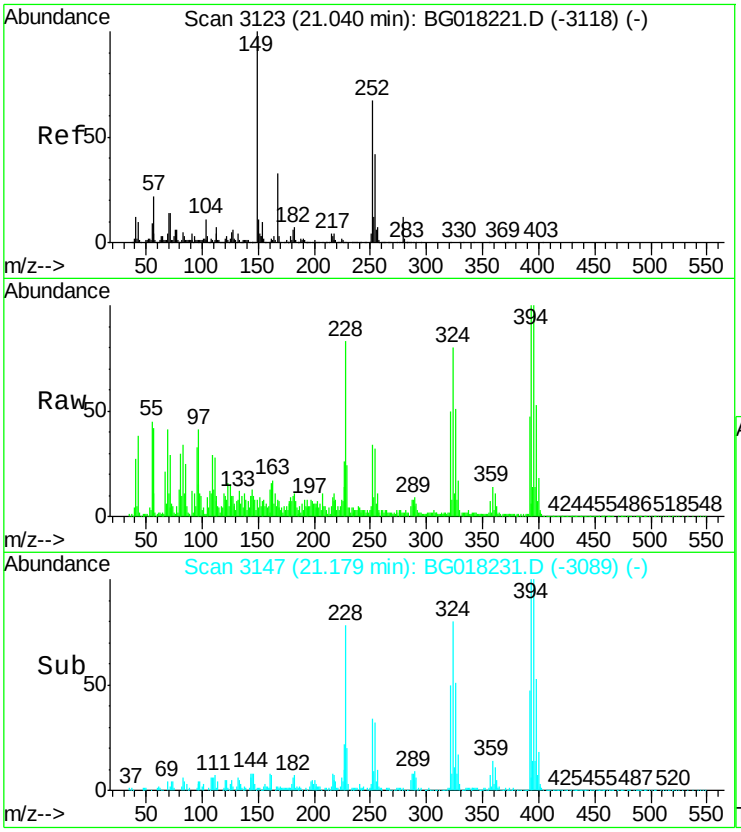


#83
Benzo(a)anthracene
Concen: 8790.57 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. 0.03 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Tgt Ion:228 Resp: 241906

Ion	Ratio	Lower	Upper
228	100		
229	24.0	16.5	24.7
226	30.6	21.5	32.3



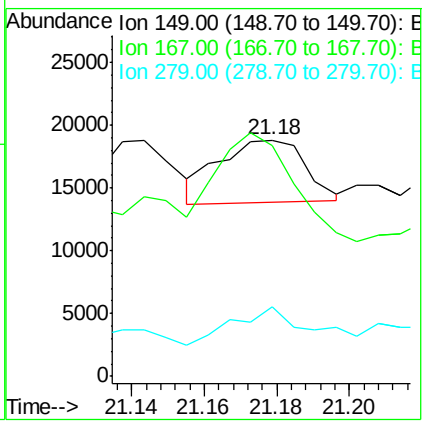


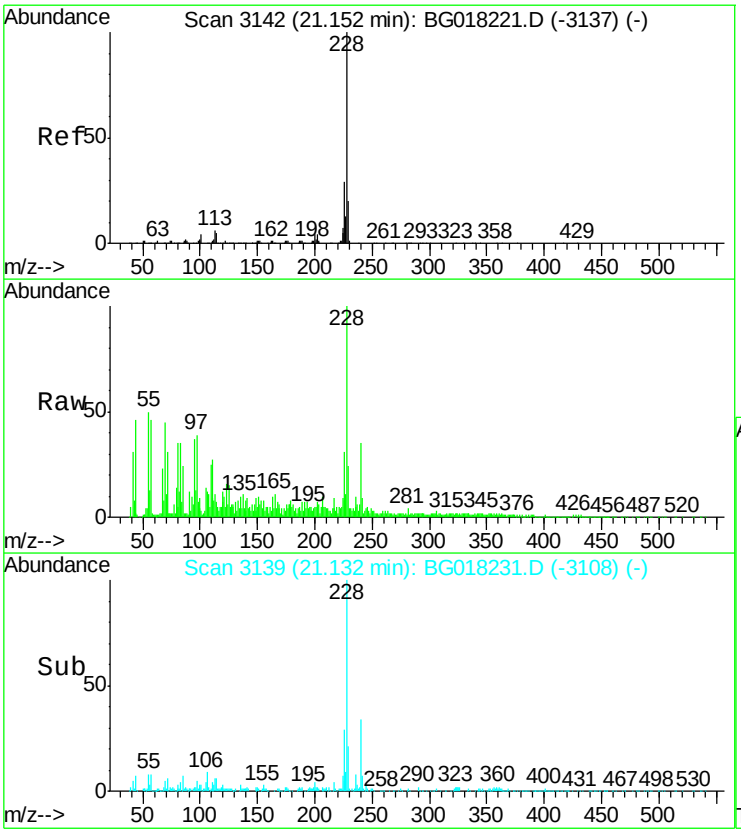
#84
Bis(2-ethylhexyl)phthalate
Concen: 484.62 ng/ul
RT: 21.18 min Scan# 3147
Delta R.T. 0.14 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Instrument :
BNA_G
ClientSampleId :
C01Z8RE

Tgt Ion:149 Resp: 8232

Ion	Ratio	Lower	Upper
149	100		
167	97.7	27.4	41.2#
279	29.5	8.3	12.5#

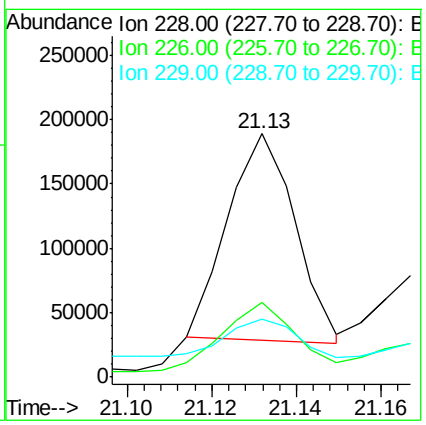


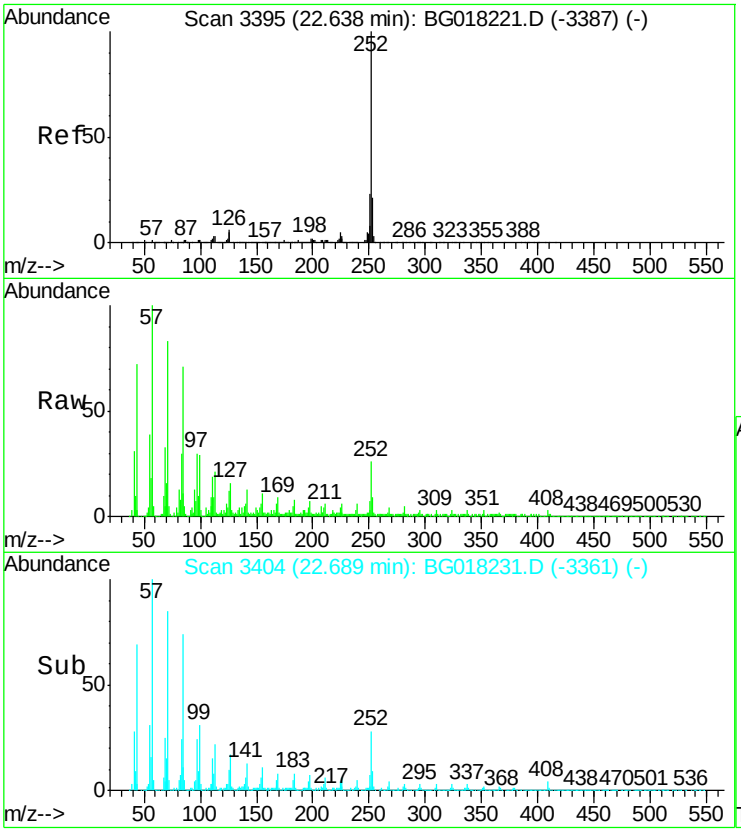


#85
Chrysene
Concen: 7009.10 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Tgt Ion:228 Resp: 176680

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.7	34.1
229	24.0	16.2	24.2



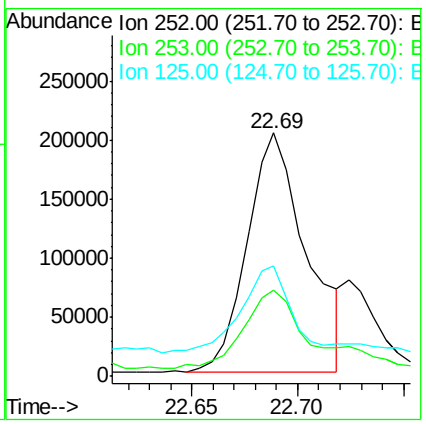


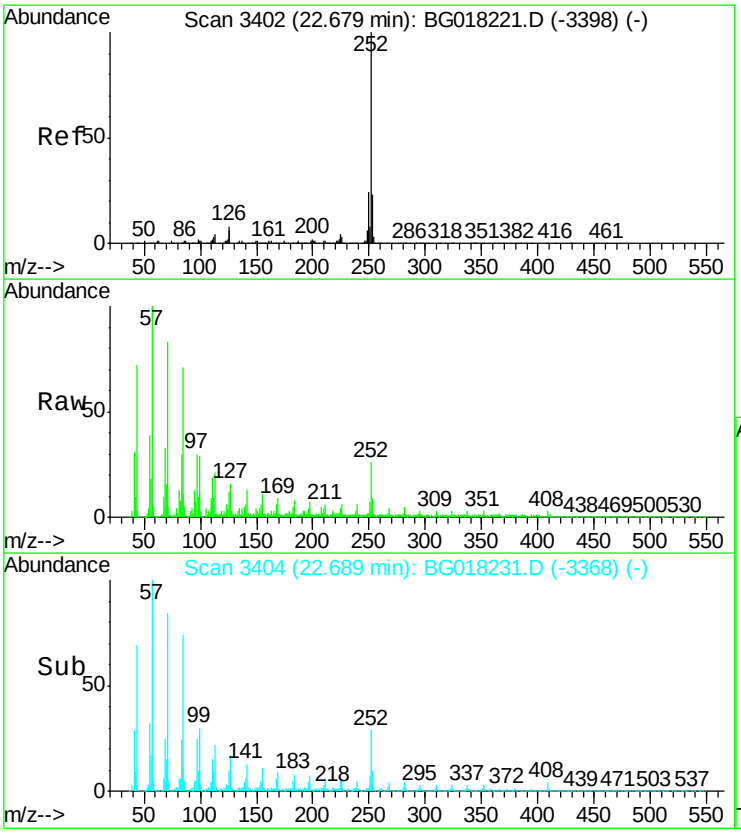
#88
Benzo(b)fluoranthene
Concen: 19.15 ng/ul
RT: 22.69 min Scan# 3404
Delta R.T. 0.05 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Instrument :
BNA_G
ClientSampleId :
C01Z8RE

Tgt Ion:252 Resp: 392386

Ion	Ratio	Lower	Upper
252	100		
253	35.5	18.5	27.7#
125	45.5	7.4	11.0#

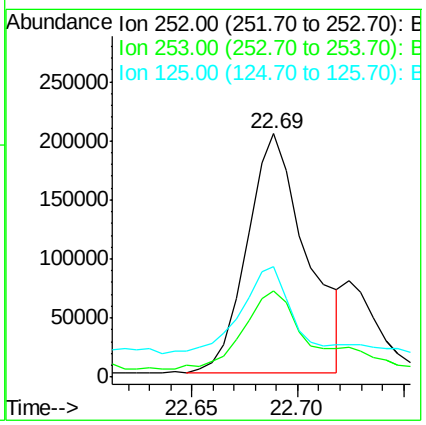


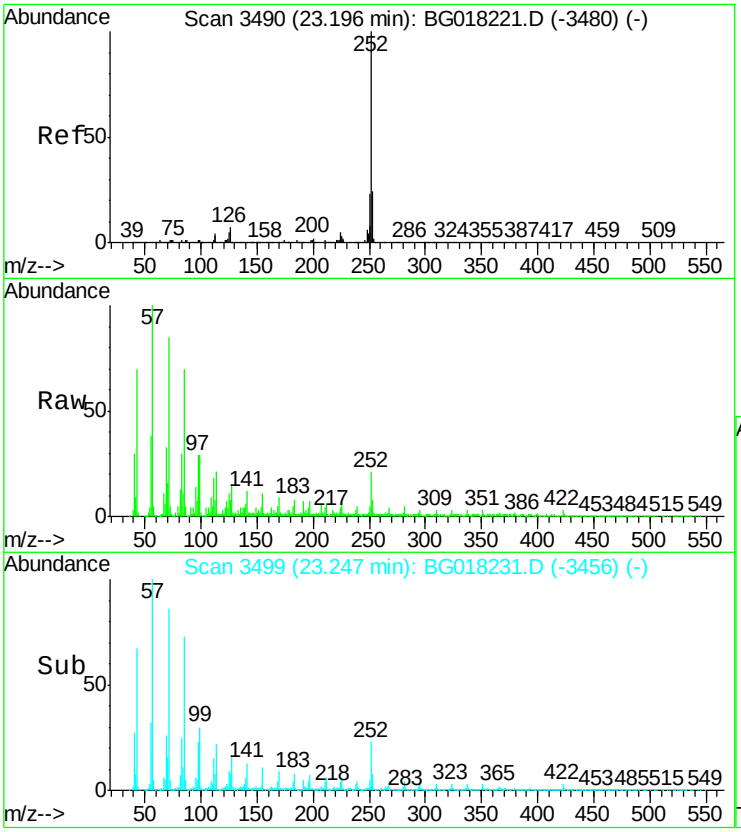


#89
Benzo(k)fluoranthene
Concen: 20.84 ng/ul
RT: 22.69 min Scan# 3404
Delta R.T. 0.01 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Tgt Ion:252 Resp: 392386

Ion	Ratio	Lower	Upper
252	100		
253	35.5	18.2	27.2#
125	45.5	7.5	11.3#



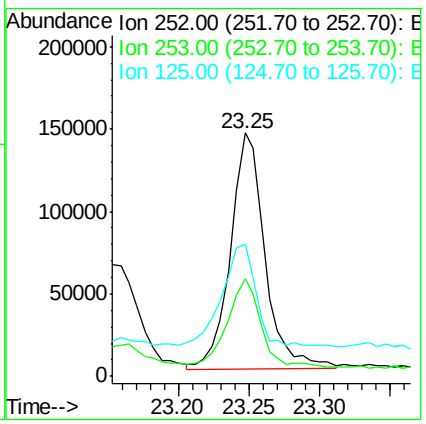


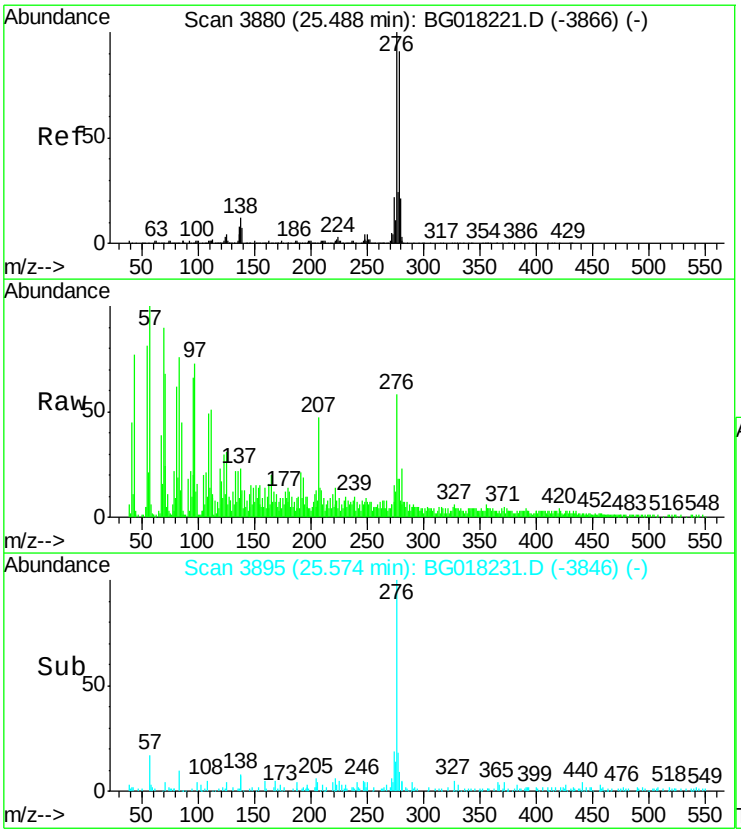
#91
Benzo(a)pyrene
Concen: 13.19 ng/ul
RT: 23.25 min Scan# 3499
Delta R.T. 0.05 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Instrument :
BNA_G
ClientSampleId :
C01Z8RE

Tgt Ion:252 Resp: 241720

Ion	Ratio	Lower	Upper
252	100		
253	40.2	17.4	26.2#
125	54.2	7.3	10.9#

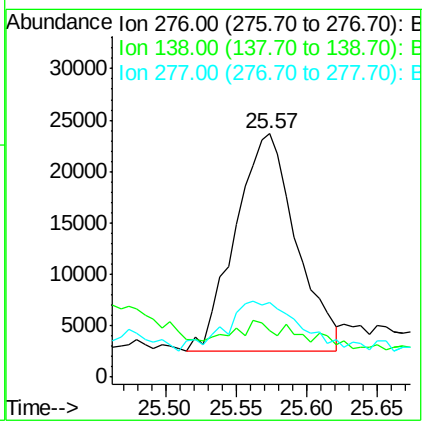


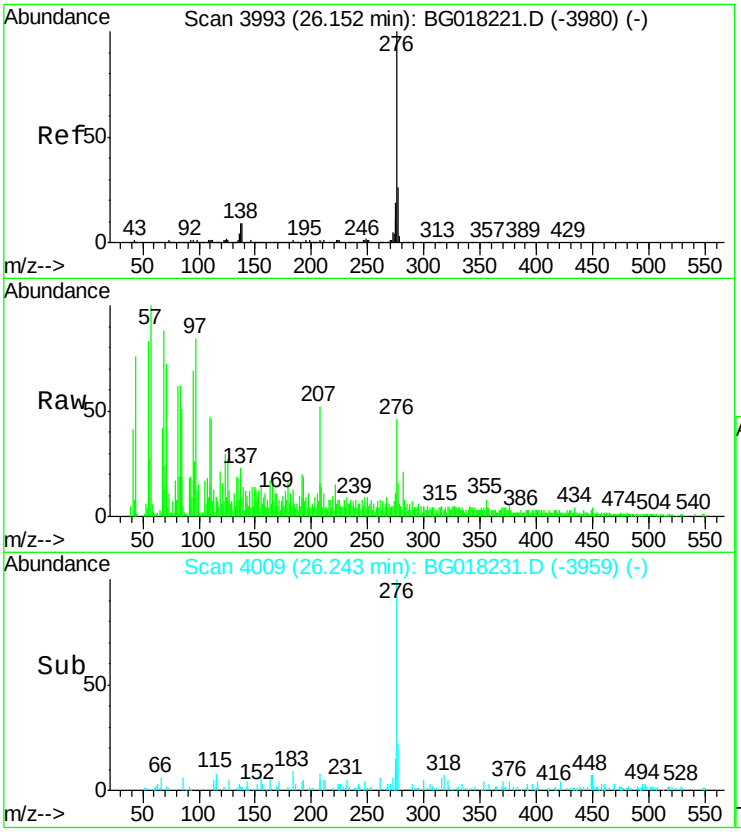


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.01 ng/ul
RT: 25.57 min Scan# 3895
Delta R.T. 0.09 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Tgt Ion:276 Resp: 63761

Ion	Ratio	Lower	Upper
276	100		
138	19.0	17.2	25.8
277	30.7	19.5	29.3#





#94
Benzo(g,h,i)perylene
Concen: 3.32 ng/ul
RT: 26.24 min Scan# 4009
Delta R.T. 0.09 min
Lab File: BG018231.D
Acq: 2 Aug 2015 18:10

Instrument :
BNA_G
ClientSampleId :
C01Z8RE

Tgt Ion:276 Resp: 57411

Ion	Ratio	Lower	Upper
276	100		
138	20.4	15.1	22.7
277	34.2	19.8	29.6#