Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018225.D
Acq On : 2 Aug 2015 14:40
Operator : TP
Sample : G3065-15RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02H4RE

Quant Time: Aug 03 06:01:14 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	141167	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	570313	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.16	164	289685	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.02	188	294334	20.00	ng/ul	0.11
78) Chrysene-d12	21.15	240	852528	20.00	ng/ul	0.03
86) Perylene-d12	23.36	264	928884	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	2746	1.47	ng/uL	0.00
5) Phenol-d5	6.68	99	128693	10.14	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.82	67	70023	10.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	115256	12.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	64210	6.21	ng/ul	0.00
19) Nitrobenzene-d5	8.48	128	396	0.09	ng/ul	-0.15
22) 2-Nitrophenol-d4	9.35	143	73580	14.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	108550	11.91	ng/ul	0.01
29) 4-Chloroaniline-d4	10.41	131	18684	1.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	309063	13.81	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	342708	13.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	16923	4.08	ng/ul	0.00
58) Fluorene-d10	15.16	176	236804	11.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	334	0.16	ng/ul	0.10
71) Anthracene-d10	17.02	188	294406	23.00	ng/ul	0.01
79) Pyrene-d10	19.34	212	373489	9.06	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.21	264	566260	12.05	ng/ul	0.06
Target Compounds						Qvalue
4) Benzaldehyde	6.63	77	12465	1.82	ng/ul#	1
14) Acetophenone	8.28	105	51073	3.17	ng/ul#	46
28) Naphthalene	10.31	128	124466	4.53	ng/ul	99
34) 2-Methylnaphthalene	11.94	142	112805	5.19	ng/ul	94
35) 1-Methylnaphthalene	12.17	142	63685	3.05	ng/ul#	100
45) Dimethylphthalate	13.62	163	53013	2.38	ng/ul	98
50) Acenaphthene	14.22	153	29695	1.77	ng/ul	97
54) Dibenzofuran	14.56	168	32170	1.27	ng/ul#	80
59) Fluorene	15.21	166	41590	1.91	ng/ul#	93
65) N-Nitrosodiphenylamine	15.53	169	7969	1.04	ng/ul#	55
70) Phenanthrene	16.96	178	319707	21.38	ng/ul	99
80) Pyrene	19.37	202	706100	13.65	ng/ul#	92
81) Butylbenzylphthalate	20.28	149	130444	6.21	ng/ul#	75
83) Benzo(a)anthracene	21.13	228	463285	10.09	ng/ul#	91
84) Bis(2-ethylhexyl)phthalate	21.06	149	1334198	47.08	ng/ul#	91
85) Chrysene	21.18	228	517238	12.30	ng/ul#	91
87) Di-n-octyl phthalate	21.96	149	342820	6.99	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	828635	14.85	ng/ul#	85
89) Benzo(k)fluoranthene	22.69	252	828635	16.16	ng/ul#	84
91) Benzo(a)pyrene	23.26	252	535819	10.73	ng/ul#	82
92) Indeno(1,2,3-cd)pyrene	25.59	276	334489	5.79	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.59	278	85394	1.73	ng/ul#	57

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018225.D
Acq On : 2 Aug 2015 14:40
Operator : TP
Sample : G3065-15RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02H4RE

Quant Time: Aug 03 06:01:14 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)

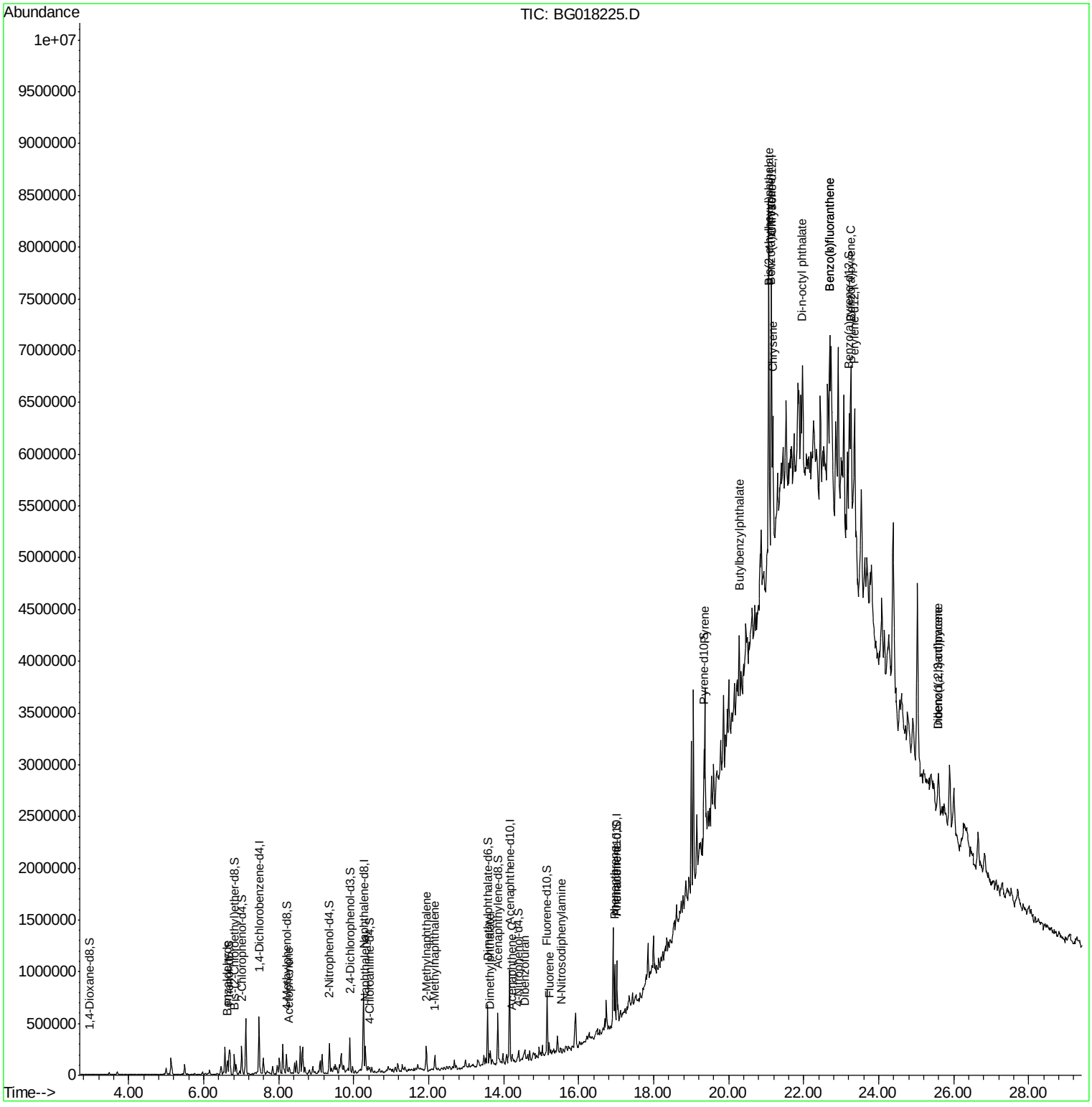
(#) = qualifier out of range (m) = manual integration (+) = signals summed

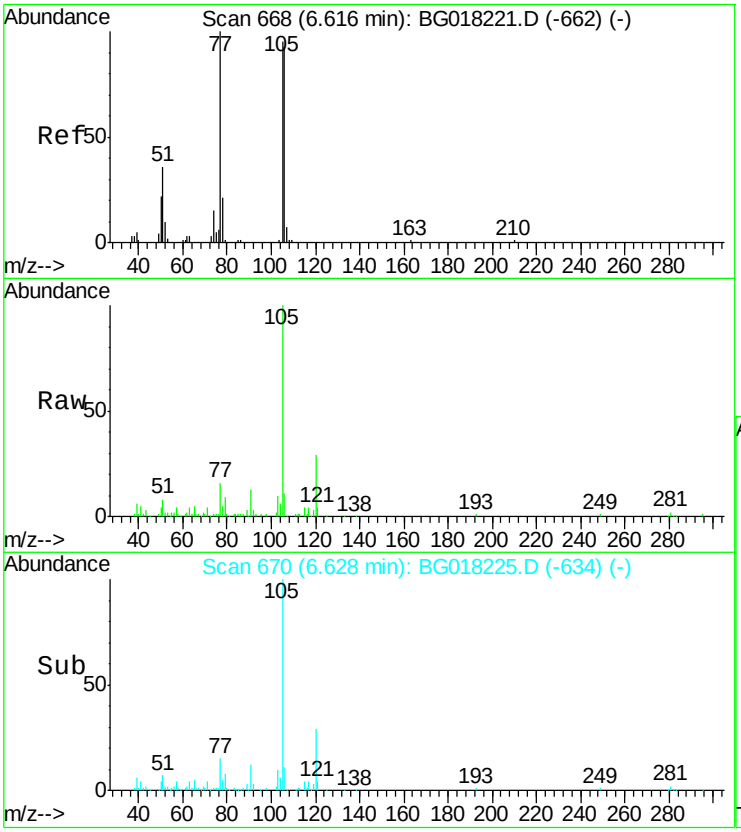
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018225.D
Acq On : 2 Aug 2015 14:40
Operator : TP
Sample : G3065-15RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02H4RE

Quant Time: Aug 03 06:01:14 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



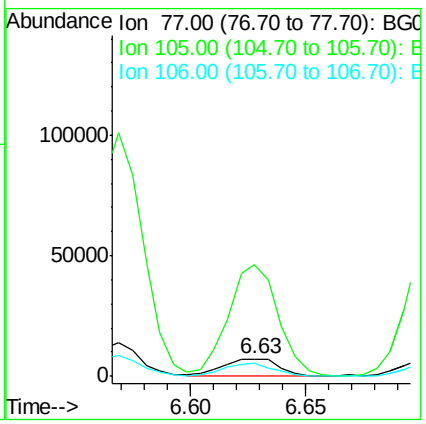


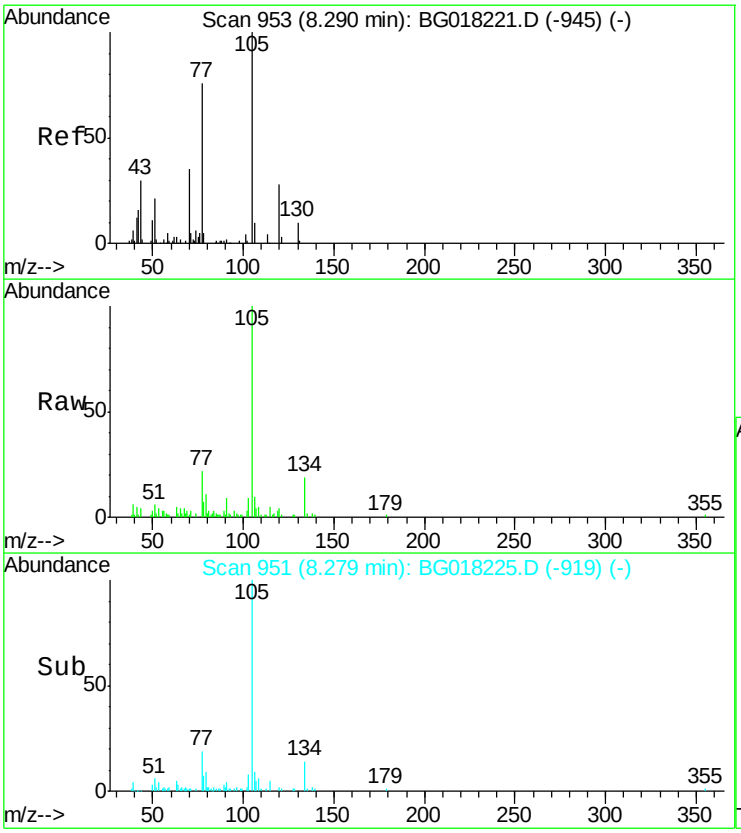
#4
Benzaldehyde
Concen: 1.82 ng/ul
RT: 6.63 min Scan# 670
Delta R.T. 0.01 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Instrument :
BNA_G
ClientSampleId :
C02H4RE

Tgt Ion: 77 Resp: 12465

Ion	Ratio	Lower	Upper
77	100		
105	643.8	89.8	134.6#
106	73.8	94.2	141.4#

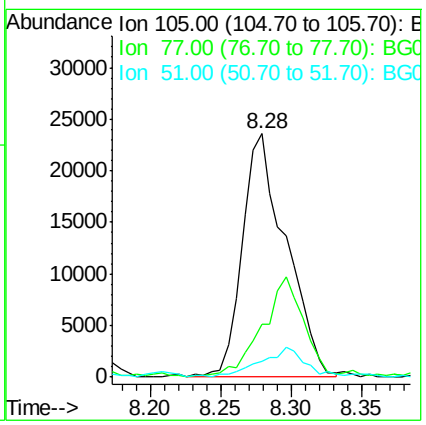


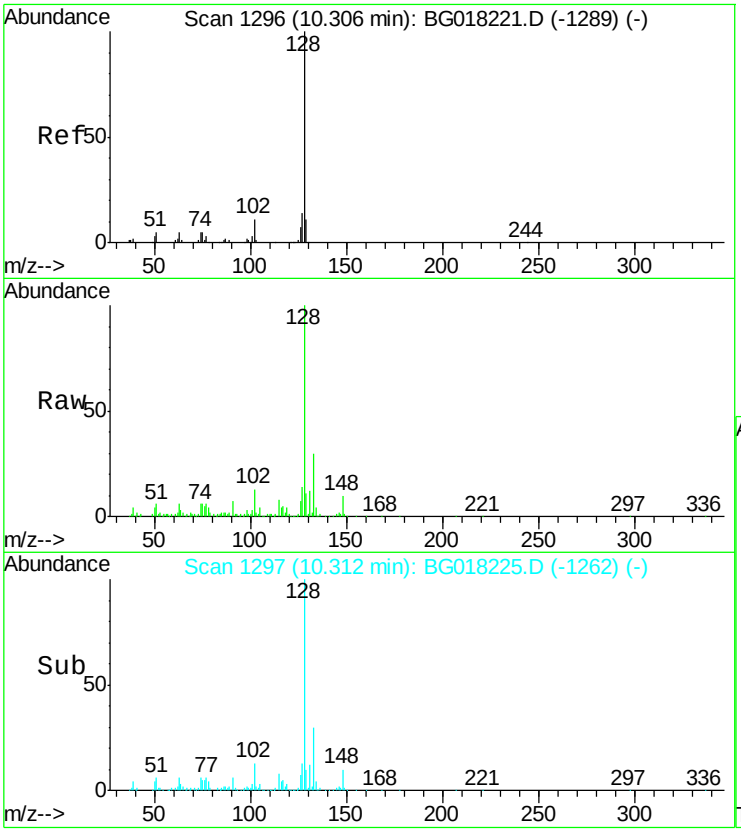


#14
Acetophenone
Concen: 3.17 ng/ul
RT: 8.28 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Tgt Ion:105 Resp: 51073

Ion	Ratio	Lower	Upper
105	100		
77	21.7	58.4	87.6#
51	6.3	16.5	24.7#



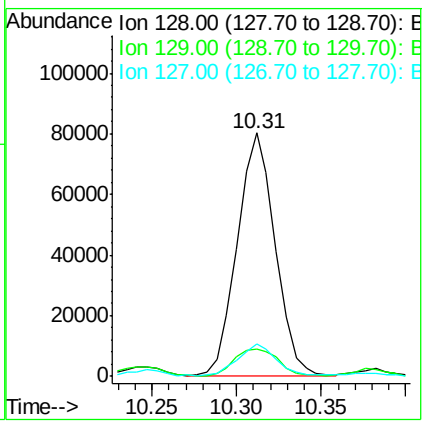


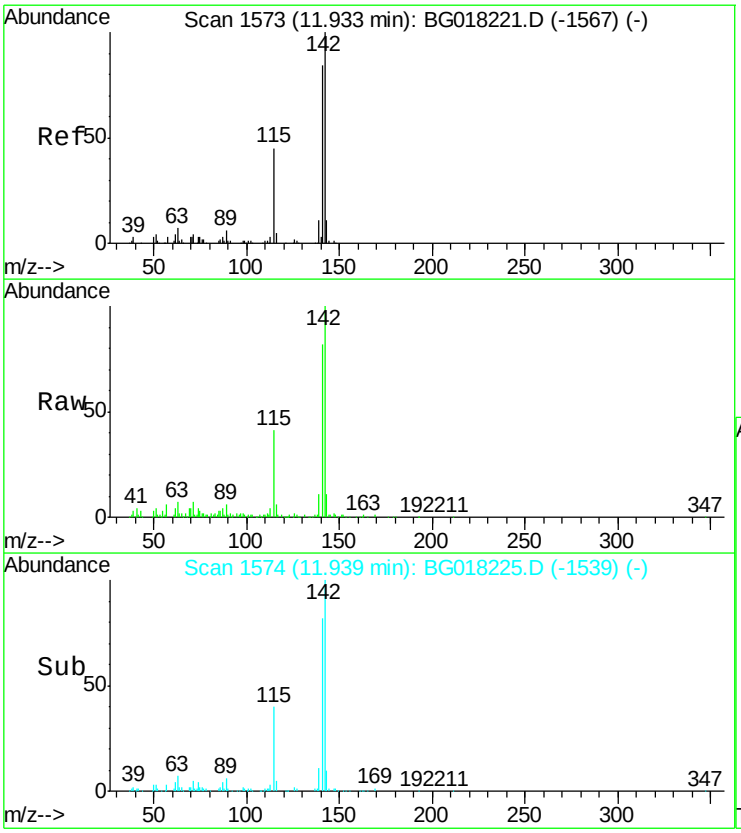
#28
Naphthalene
Concen: 4.53 ng/ul
RT: 10.31 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Instrument :
BNA_G
ClientSampleId :
C02H4RE

Tgt Ion:128 Resp: 124466

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.6	11.2	16.8

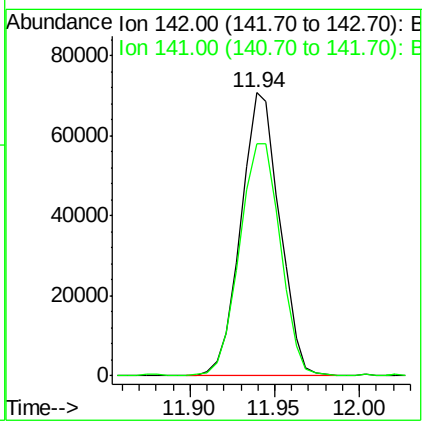


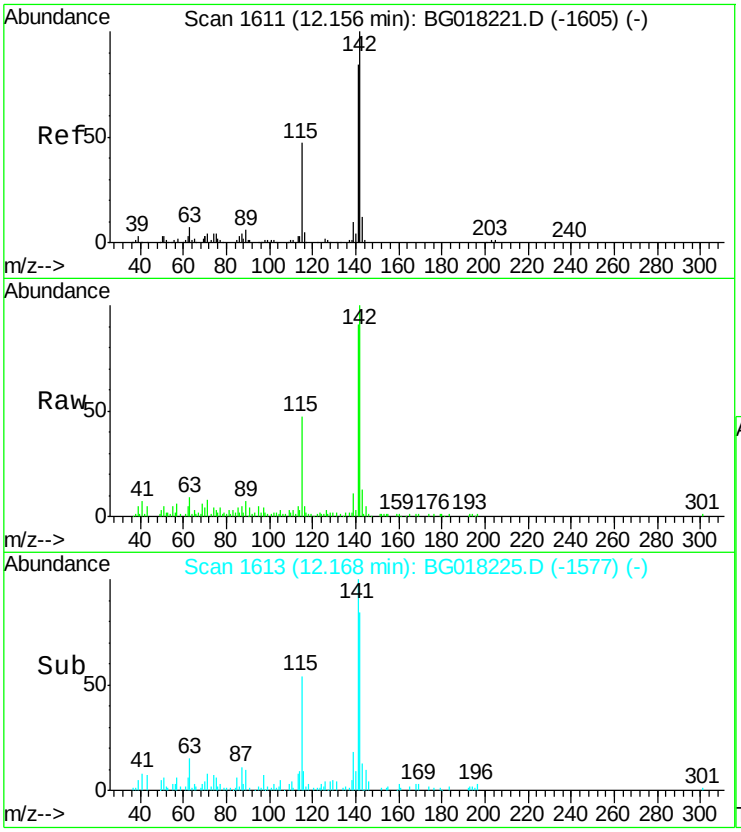


#34
2-Methylnaphthalene
Concen: 5.19 ng/ul
RT: 11.94 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Tgt Ion:142 Resp: 112805

Ion	Ratio	Lower	Upper
142	100		
141	82.2	70.3	105.5



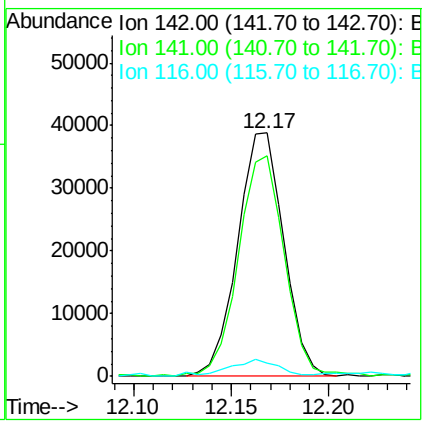


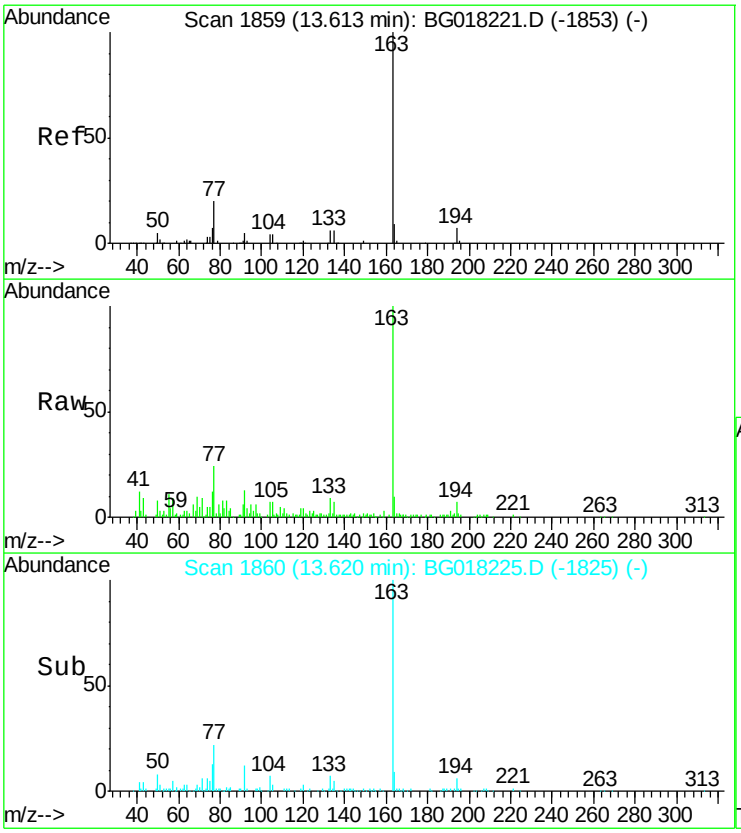
#35
1-Methylnaphthalene
Concen: 3.05 ng/ul
RT: 12.17 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Instrument :
BNA_G
ClientSampleId :
C02H4RE

Tgt Ion:142 Resp: 63685

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.5	108.7
116	5.3	2.6	4.0#

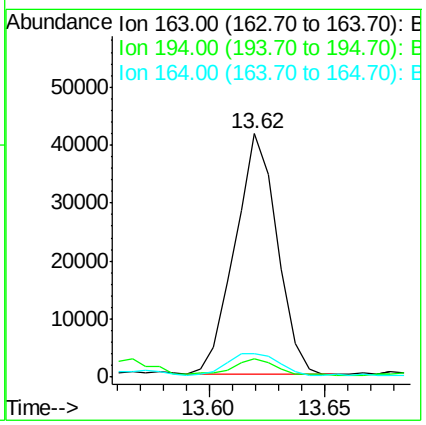


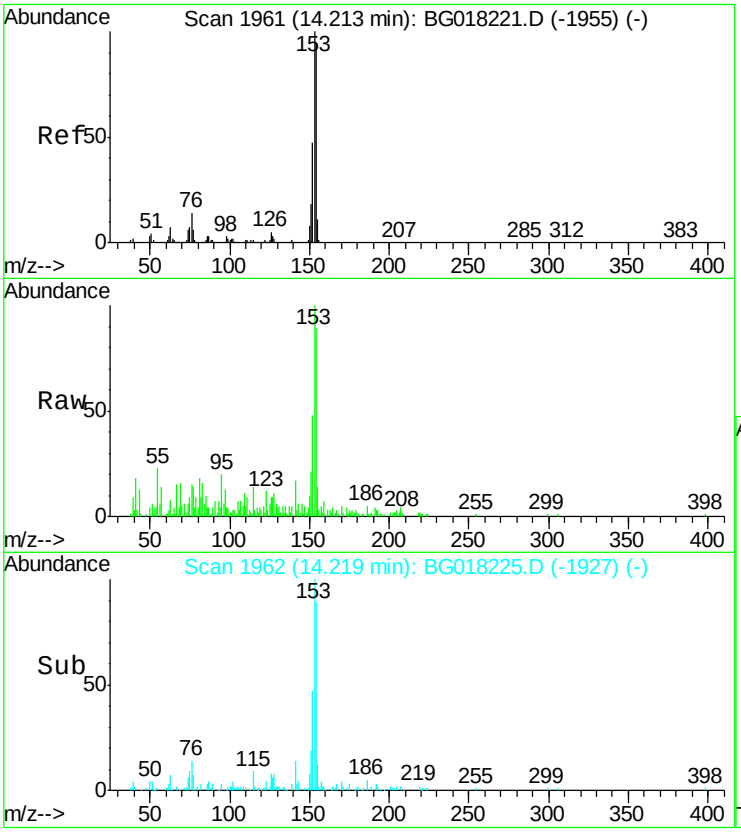


#45
Dimethylphthalate
Concen: 2.38 ng/ul
RT: 13.62 min Scan# 1860
Delta R.T. 0.01 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Tgt Ion:163 Resp: 53013

Ion	Ratio	Lower	Upper
163	100		
194	7.3	5.2	7.8
164	9.7	8.4	12.6



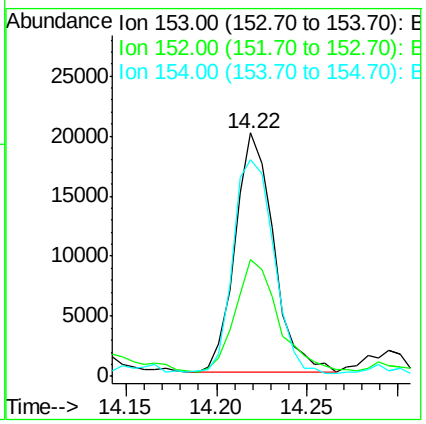


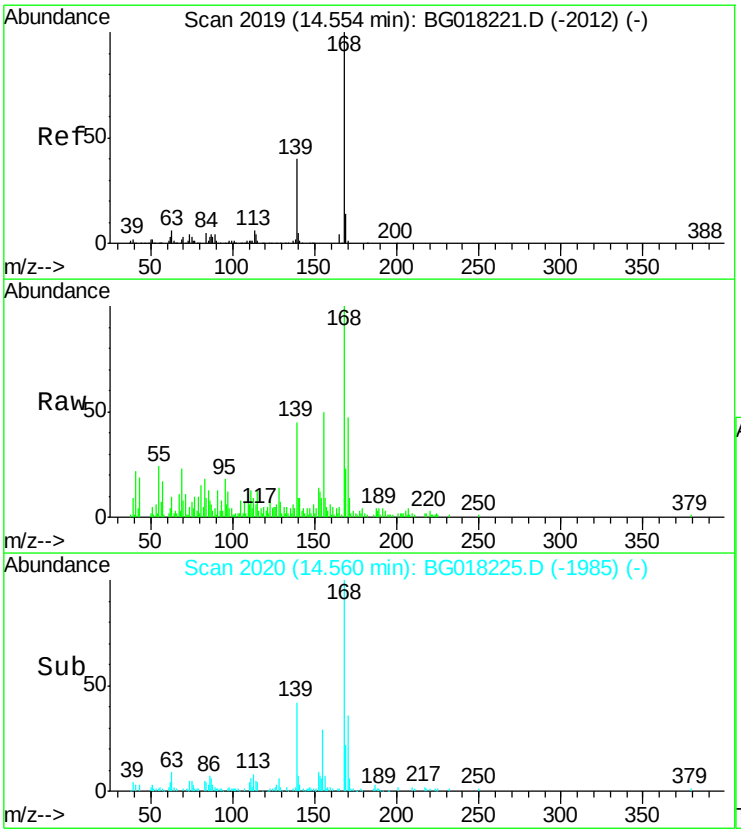
#50
Acenaphthene
Concen: 1.77 ng/ul
RT: 14.22 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Instrument :
BNA_G
ClientSampleId :
C02H4RE

Tgt Ion:153 Resp: 29695

Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.7	58.1
154	88.9	74.8	112.2

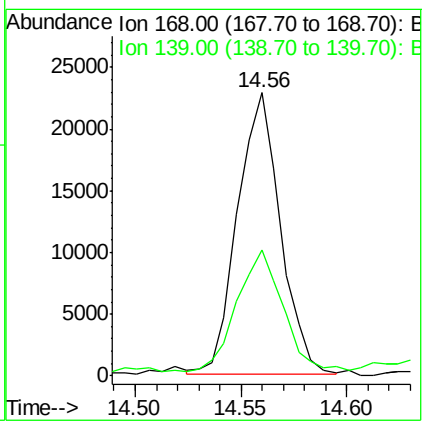


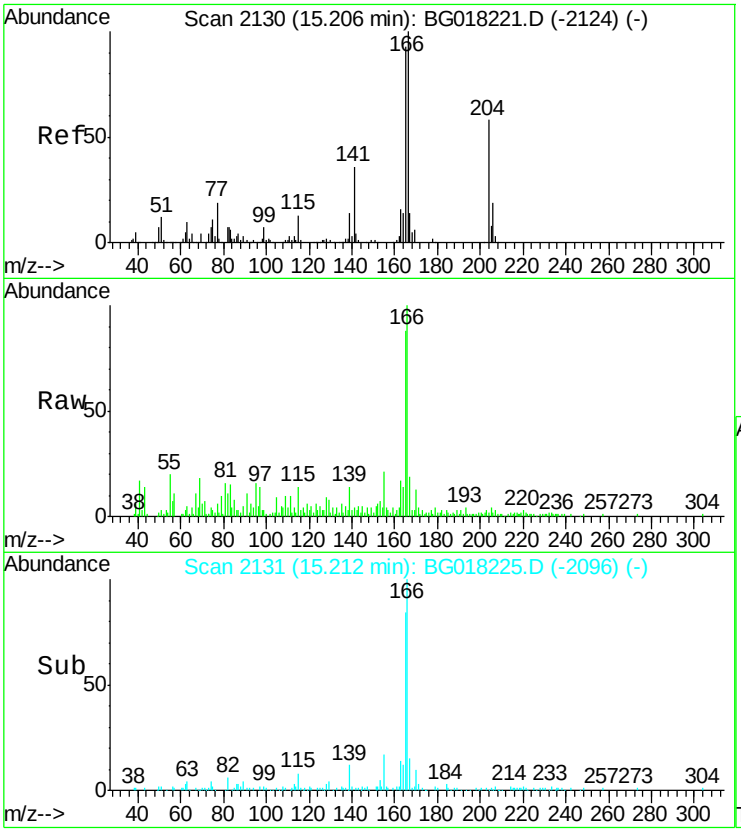


#54
Dibenzofuran
Concen: 1.27 ng/ul
RT: 14.56 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Tgt Ion:168 Resp: 32170

Ion	Ratio	Lower	Upper
168	100		
139	44.7	26.8	40.2#



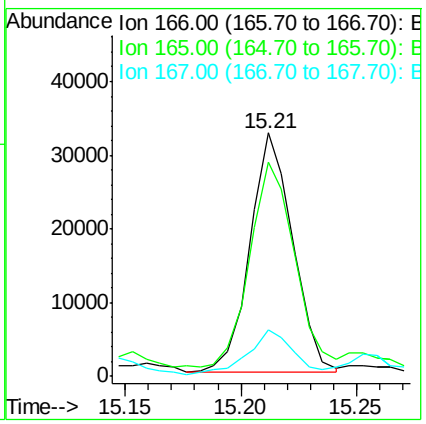


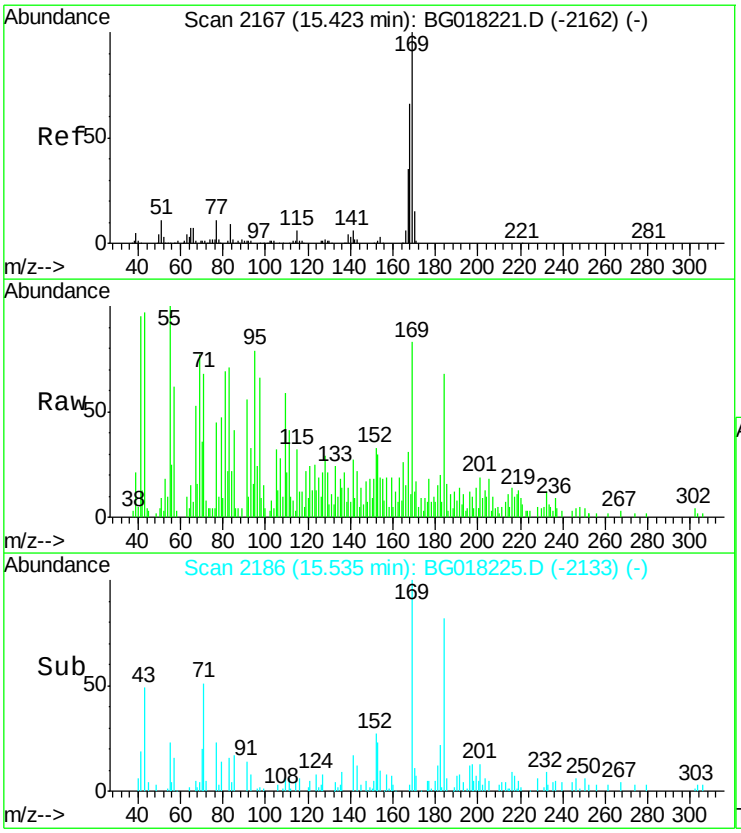
#59
Fluorene
Concen: 1.91 ng/ul
RT: 15.21 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Instrument :
BNA_G
ClientSampleId :
C02H4RE

Tgt Ion:166 Resp: 41590

Ion	Ratio	Lower	Upper
166	100		
165	88.0	75.1	112.7
167	19.1	11.8	17.6#

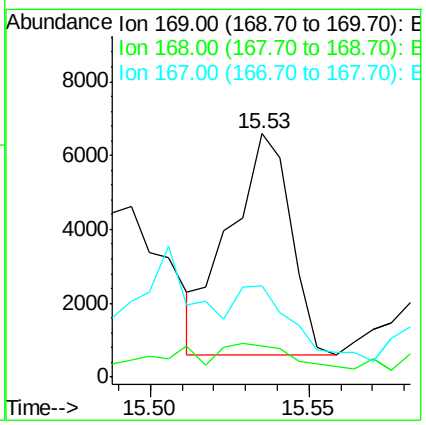


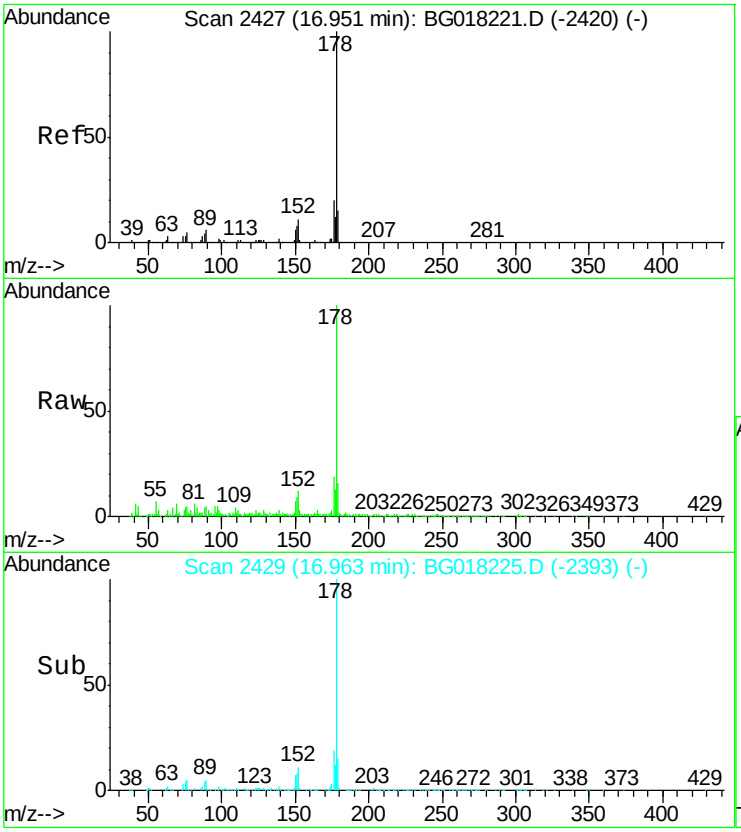


#65
N-Nitrosodiphenylamine
Concen: 1.04 ng/ul
RT: 15.53 min Scan# 2186
Delta R.T. 0.11 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Tgt Ion:169 Resp: 7969

Ion	Ratio	Lower	Upper
169	100		
168	13.0	51.8	77.6#
167	37.6	27.7	41.5



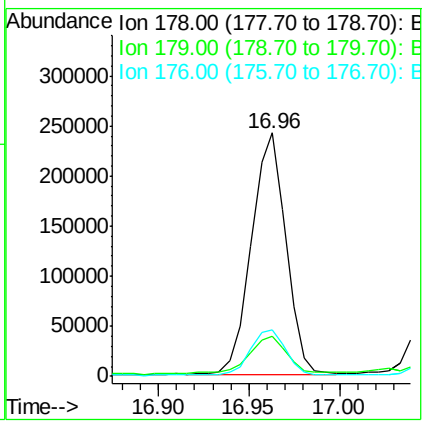


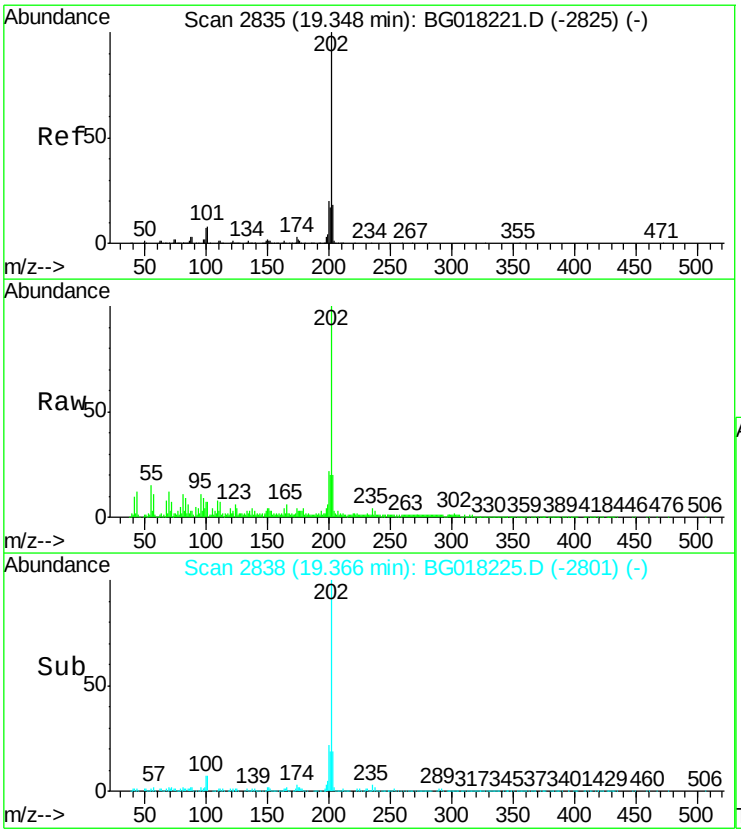
#70
Phenanthrene
Concen: 21.38 ng/ul
RT: 16.96 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Instrument :
BNA_G
ClientSampleId :
C02H4RE

Tgt Ion:178 Resp: 319707

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	19.3	16.0	24.0

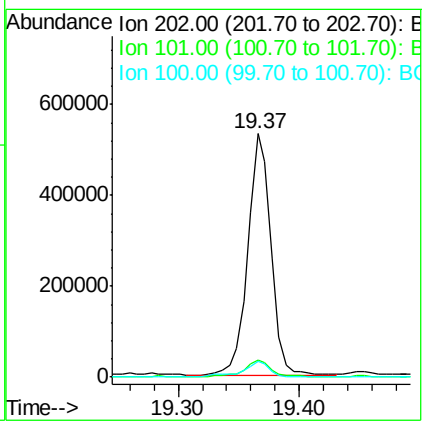


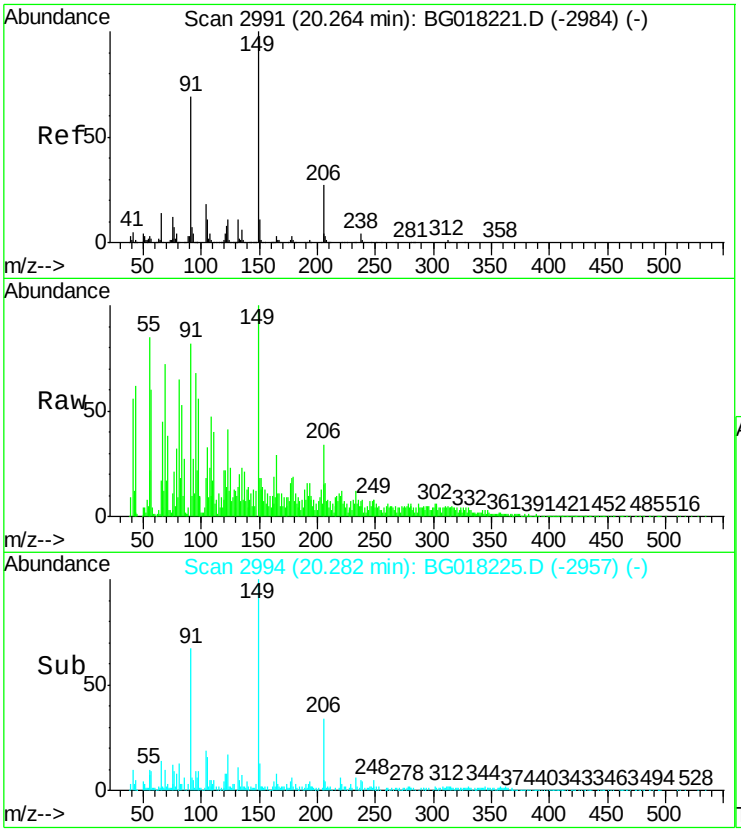


#80
Pyrene
Concen: 13.65 ng/ul
RT: 19.37 min Scan# 2838
Delta R.T. 0.02 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Tgt Ion:202 Resp: 706100

Ion	Ratio	Lower	Upper
202	100		
101	6.9	8.1	12.1#
100	6.7	7.4	11.0#



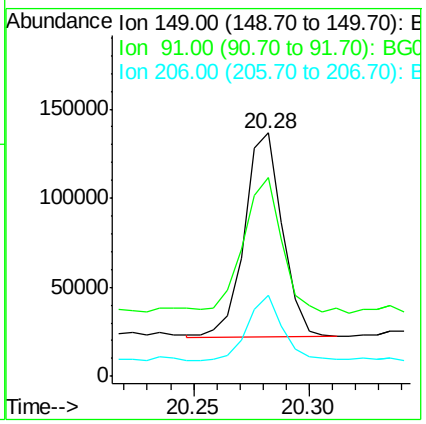


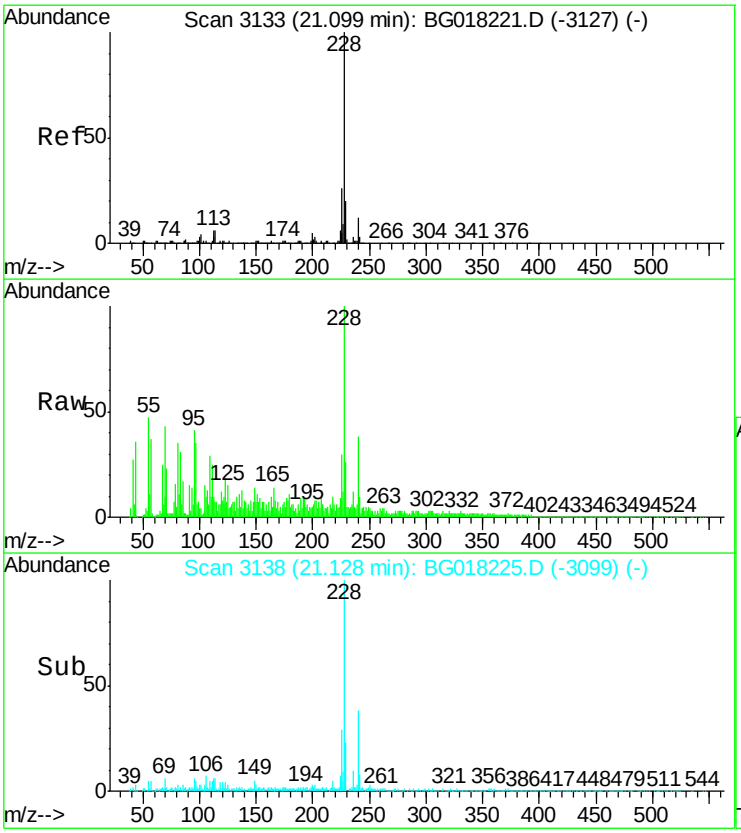
#81
Butylbenzylphthalate
Concen: 6.21 ng/ul
RT: 20.28 min Scan# 2994
Delta R.T. 0.02 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Instrument :
BNA_G
ClientSampleId :
C02H4RE

Tgt Ion:149 Resp: 130444

Ion	Ratio	Lower	Upper
149	100		
91	81.6	46.6	69.8#
206	33.5	21.8	32.8#

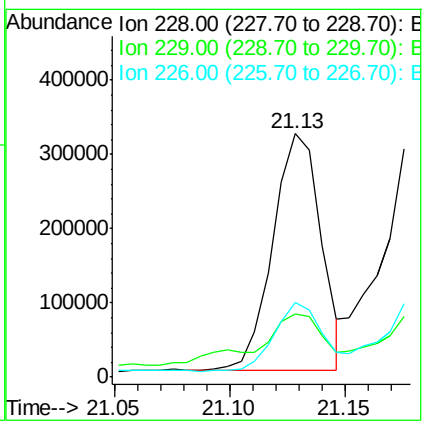


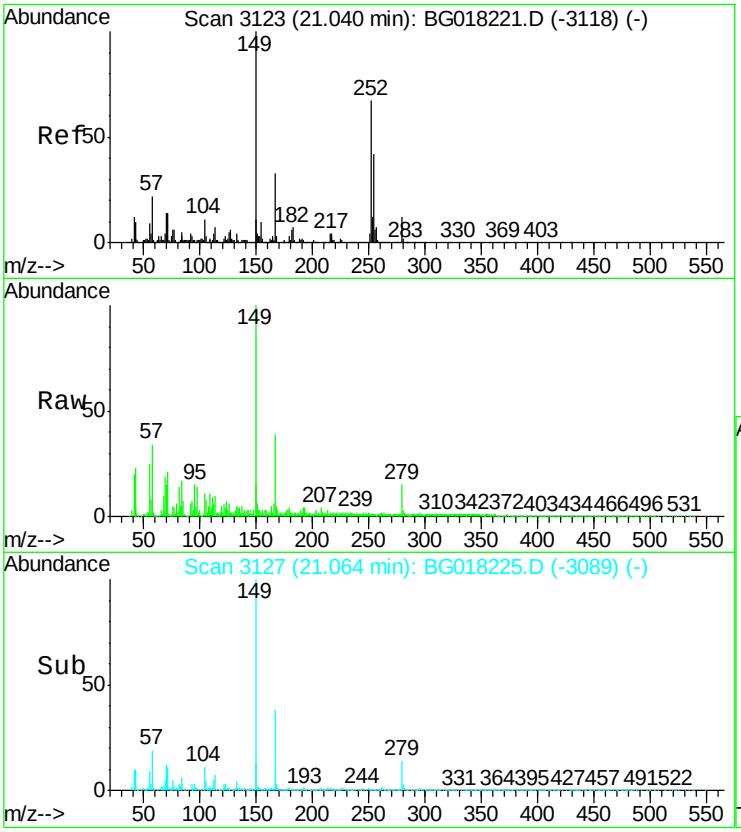


#83
Benzo(a)anthracene
Concen: 10.09 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. 0.03 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Tgt Ion:228 Resp: 463285

Ion	Ratio	Lower	Upper
228	100		
229	26.1	16.5	24.7#
226	30.4	21.5	32.3



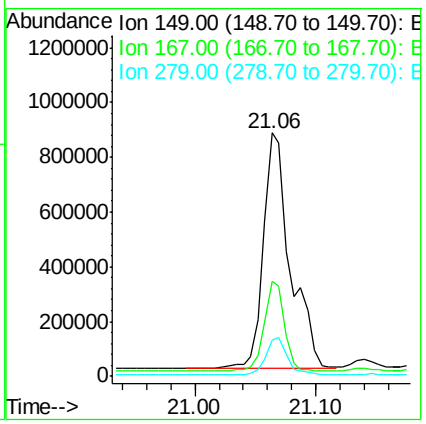


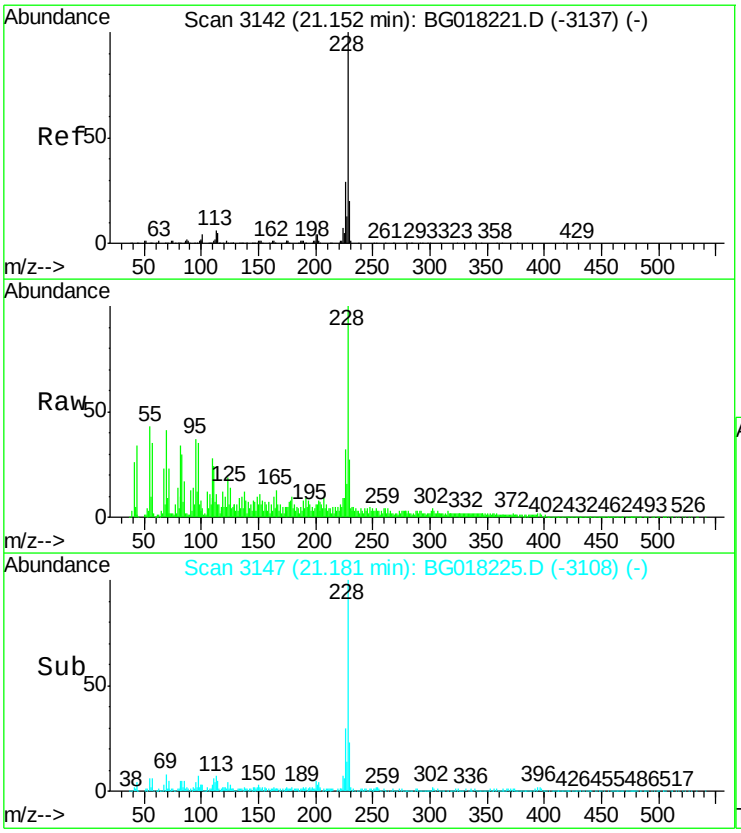
#84
Bis(2-ethylhexyl)phthalate
Concen: 47.08 ng/ul
RT: 21.06 min Scan# 3127
Delta R.T. 0.02 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Instrument :
BNA_G
ClientSampleId :
C02H4RE

Tgt Ion:149 Resp: 1334198

Ion	Ratio	Lower	Upper
149	100		
167	38.8	27.4	41.2
279	14.7	8.3	12.5#

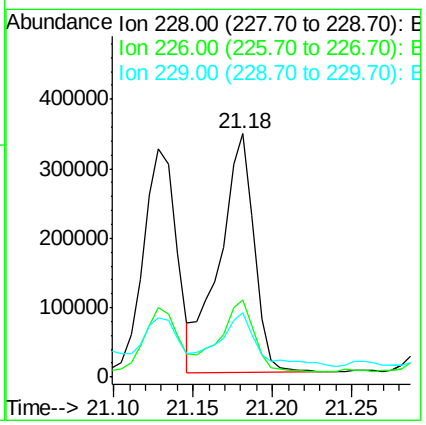


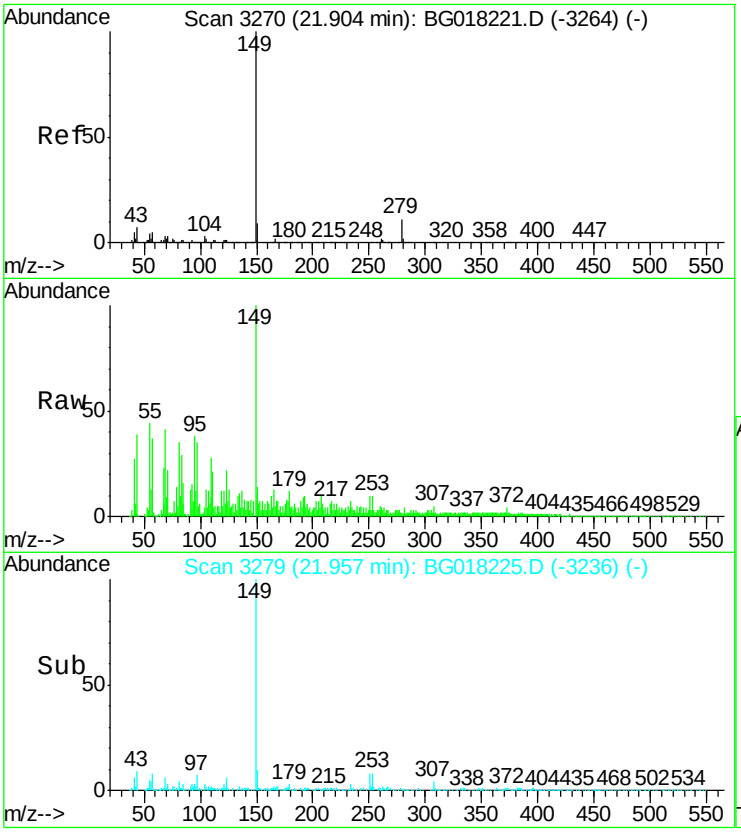


#85
Chrysene
Concen: 12.30 ng/ul
RT: 21.18 min Scan# 3147
Delta R.T. 0.03 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Tgt Ion:228 Resp: 517238

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.7	34.1
229	26.6	16.2	24.2#

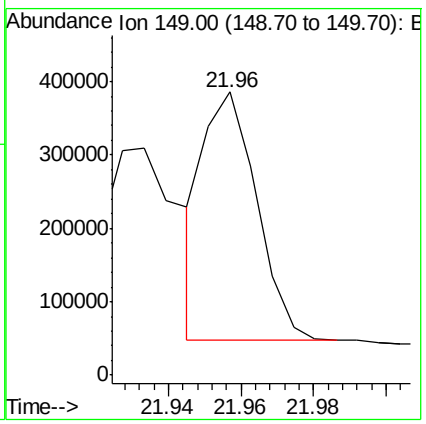


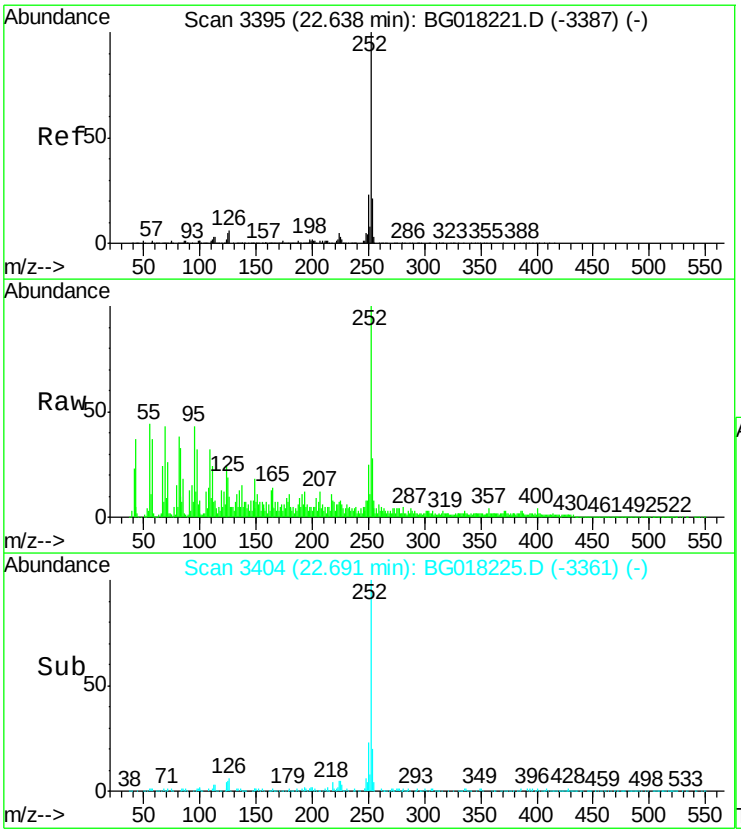


#87
Di-n-octyl phthalate
Concen: 6.99 ng/ul
RT: 21.96 min Scan# 3279
Delta R.T. 0.05 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Instrument :
BNA_G
ClientSampleId :
C02H4RE

Tgt Ion:149 Resp: 342820

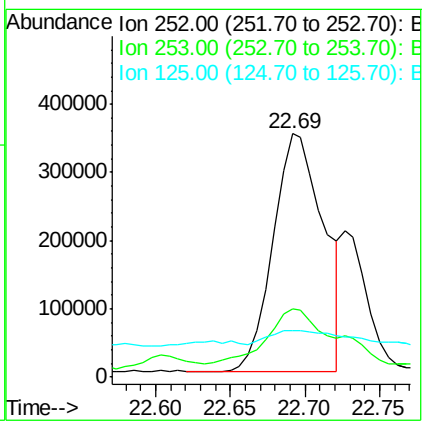


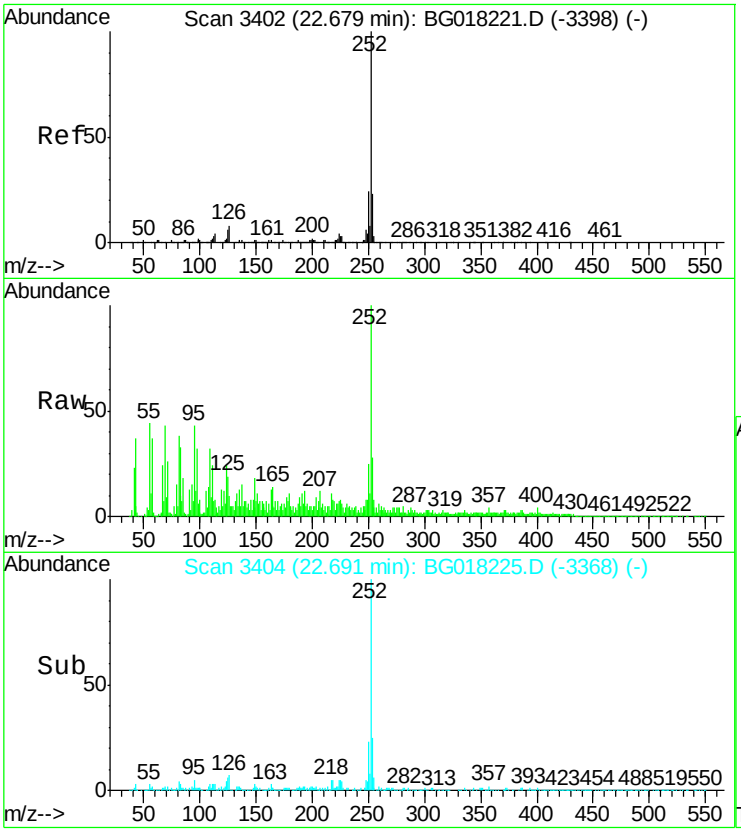


#88
Benzo(b)fluoranthene
Concen: 14.85 ng/ul
RT: 22.69 min Scan# 3404
Delta R.T. 0.05 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Tgt Ion:252 Resp: 828635

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.5	27.7#
125	19.3	7.4	11.0#



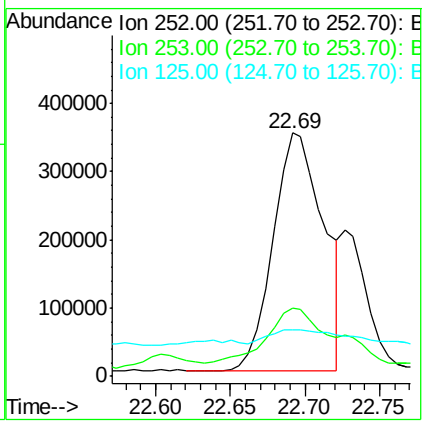


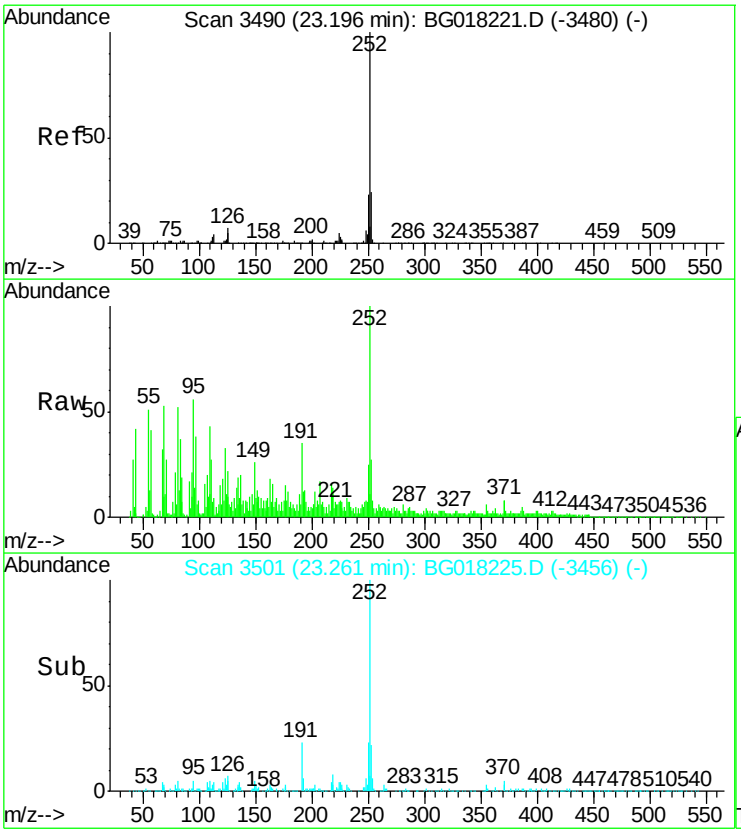
#89
Benzo(k)fluoranthene
Concen: 16.16 ng/ul
RT: 22.69 min Scan# 3404
Delta R.T. 0.01 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Instrument :
BNA_G
ClientSampleId :
C02H4RE

Tgt Ion:252 Resp: 828635

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.2	27.2#
125	19.3	7.5	11.3#

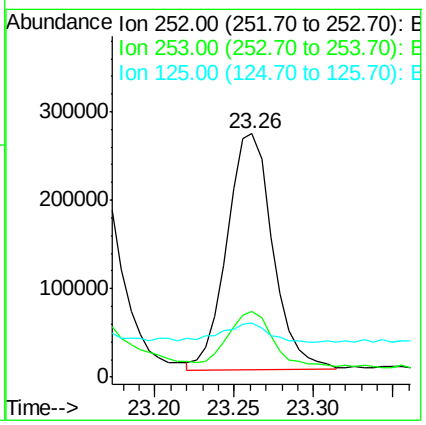


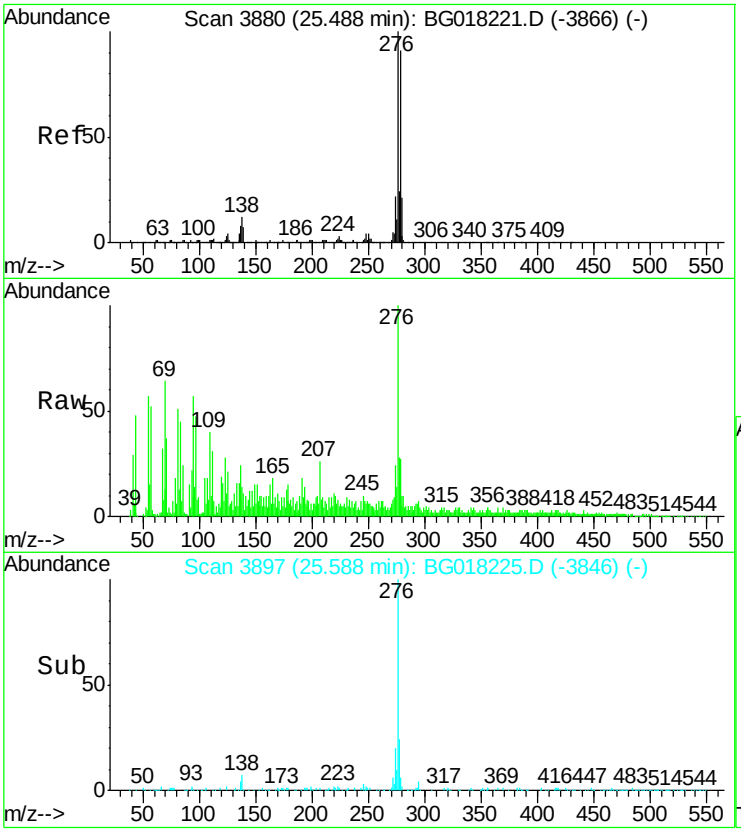


#91
Benzo(a)pyrene
Concen: 10.73 ng/ul
RT: 23.26 min Scan# 3501
Delta R.T. 0.06 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Tgt Ion:252 Resp: 535819

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.4	26.2#
125	22.1	7.3	10.9#



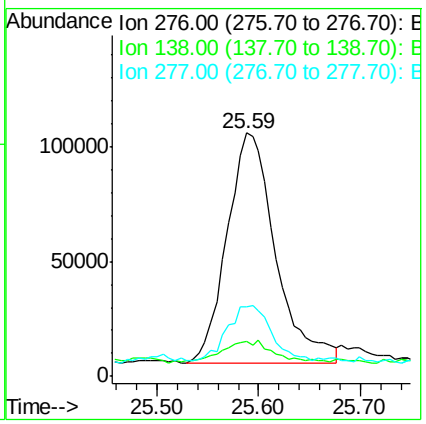


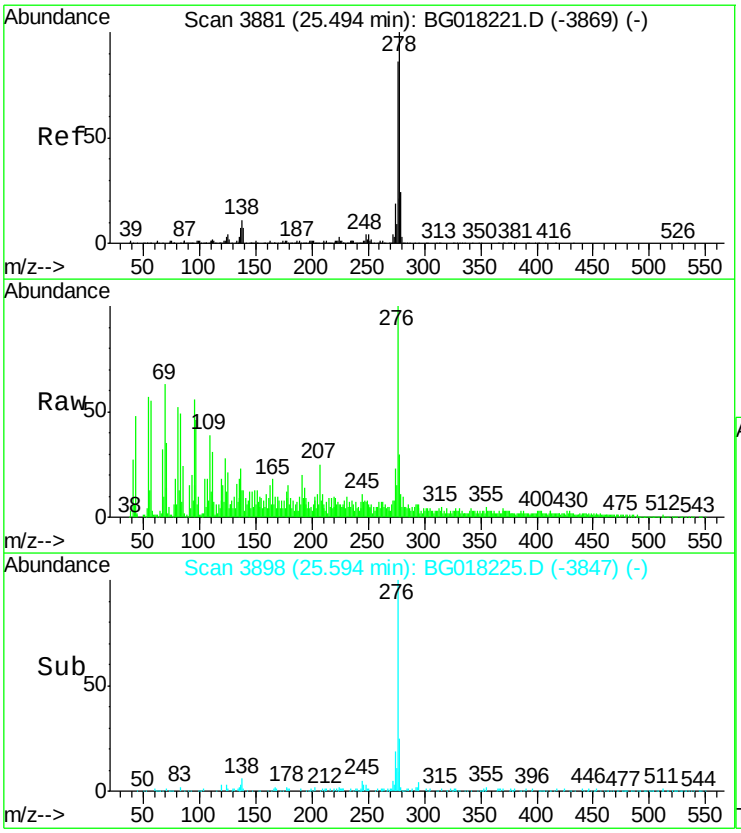
#92
Indeno(1,2,3-cd)pyrene
Concen: 5.79 ng/ul
RT: 25.59 min Scan# 3897
Delta R.T. 0.10 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Instrument :
BNA_G
ClientSampleId :
C02H4RE

Tgt Ion:276 Resp: 334489

Ion	Ratio	Lower	Upper
276	100		
138	14.2	17.2	25.8#
277	28.4	19.5	29.3





#93
Dibenzo(a,h)anthracene
Concen: 1.73 ng/ul
RT: 25.59 min Scan# 3898
Delta R.T. 0.10 min
Lab File: BG018225.D
Acq: 2 Aug 2015 14:40

Tgt Ion:278 Resp: 85394

Ion	Ratio	Lower	Upper
278	100		
139	44.4	12.2	18.2#
279	38.8	20.0	30.0#