Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018543.D
Acq On : 29 Aug 2015 19:24
Operator : UM/MA
Sample : G3476-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ1MS

Quant Time: Aug 31 03:38:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:36:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	86391	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	426150	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	293482	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	717862	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	714766	20.00	ng/ul	-0.03
86) Perylene-d12	24.84	264	708550	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	8894	4.55	ng/uL	0.00
5) Phenol-d5	7.17	99	248346	31.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	144326	29.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	183101	30.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	209263	31.76	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	102077	30.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	109066	32.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	230594	32.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	198376	24.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	728455	29.50	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	918537	29.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	137092	30.87	ng/ul	0.00
58) Fluorene-d10	15.63	176	667351	31.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	95545	27.06	ng/ul	0.00
71) Anthracene-d10	17.48	188	1038145	30.24	ng/ul	-0.01
79) Pyrene-d10	19.76	212	1085186	29.26	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.62	264	1129354	30.02	ng/ul	-0.06
Target Compounds						Qvalue
6) Phenol	7.20	94	246990	30.88	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.45	93	14338	2.33	ng/ul#	27
10) 2-Chlorophenol	7.58	128	178480	29.16	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.81	70	160094	29.32	ng/ul#	86
33) 4-Chloro-3-methylphenol	12.09	107	239021	30.67	ng/ul	99
45) Dimethylphthalate	14.09	163	292197	12.00	ng/ul	98
50) Acenaphthene	14.70	153	605906	27.70	ng/ul	98
53) 4-Nitrophenol	14.84	109	97264	25.19	ng/ul	89
55) 2,4-Dinitrotoluene	14.99	165	191615	27.68	ng/ul	93
69) Pentachlorophenol	17.03	266	140901	25.63	ng/ul	97
70) Phenanthrene	17.42	178	56993	1.46	ng/ul	98
77) Fluoranthene	19.43	202	148103	3.56	ng/ul#	92
80) Pyrene	19.79	202	1420079	29.38	ng/ul	96
83) Benzo(a)anthracene	21.68	228	91290	2.06	ng/ul	93
85) Chrysene	21.68	228	90685	2.19	ng/ul	97
88) Benzo(b)fluoranthene	23.83	252	94858	2.13	ng/ul#	93
89) Benzo(k)fluoranthene	23.83	252	94858	2.21	ng/ul	95
91) Benzo(a)pyrene	24.69	252	71449	1.69	ng/ul#	96

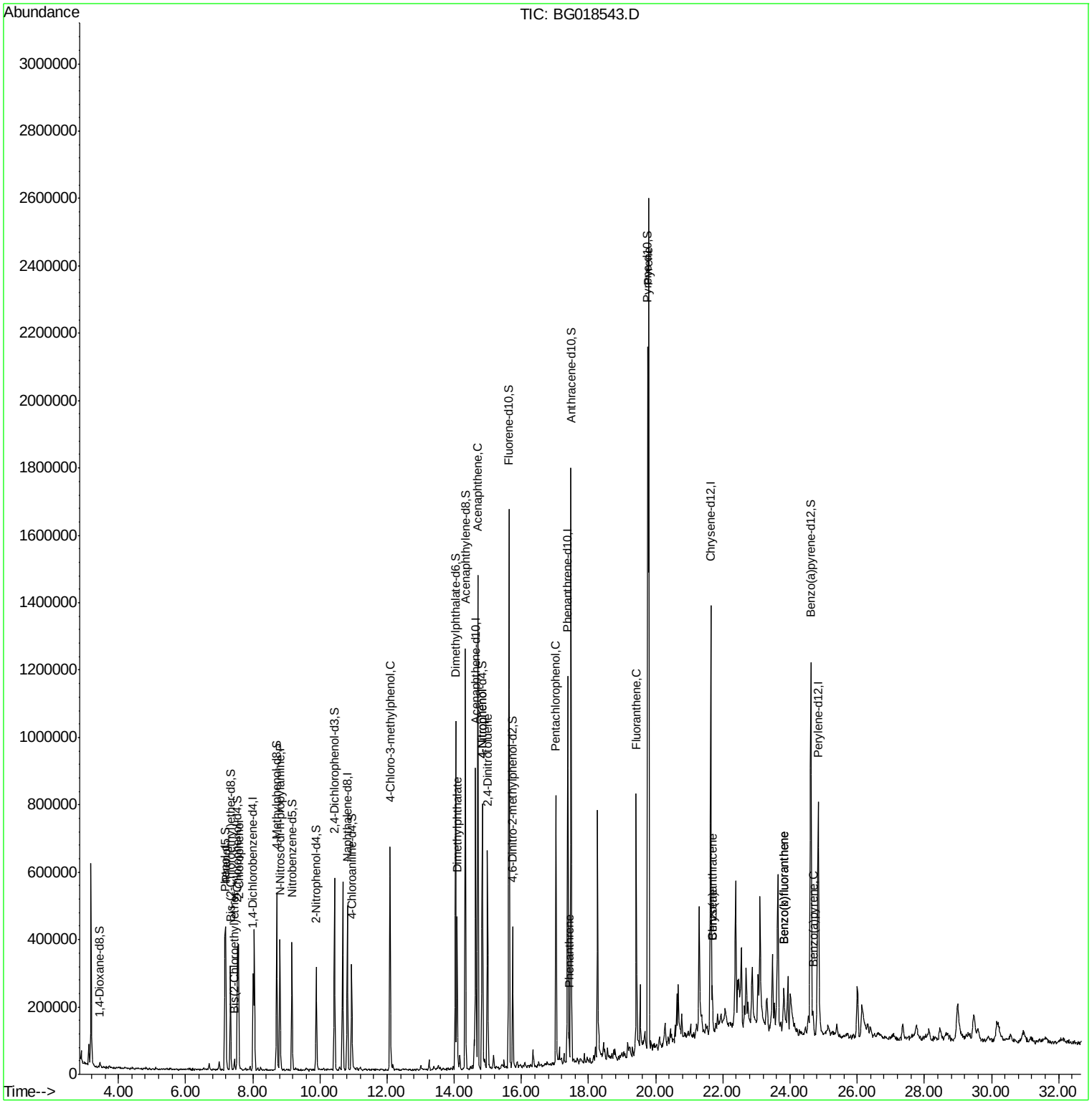
(#) = qualifier out of range (m) = manual integration (+) = signals summed

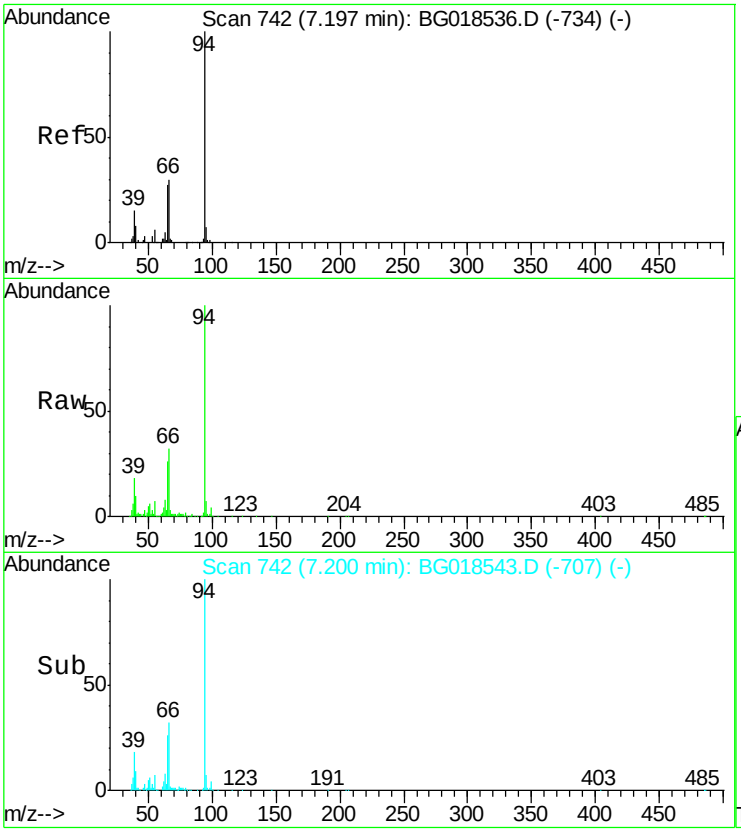
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018543.D
Acq On : 29 Aug 2015 19:24
Operator : UM/MA
Sample : G3476-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ1MS

Quant Time: Aug 31 03:38:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:36:12 2015
Response via : Initial Calibration



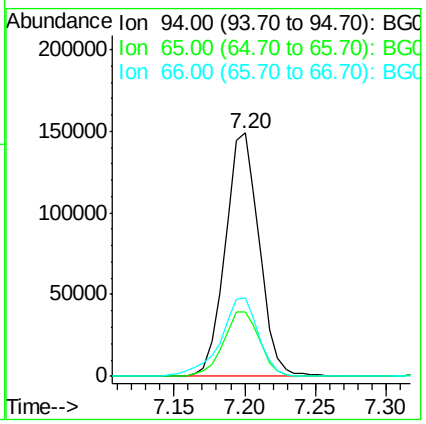


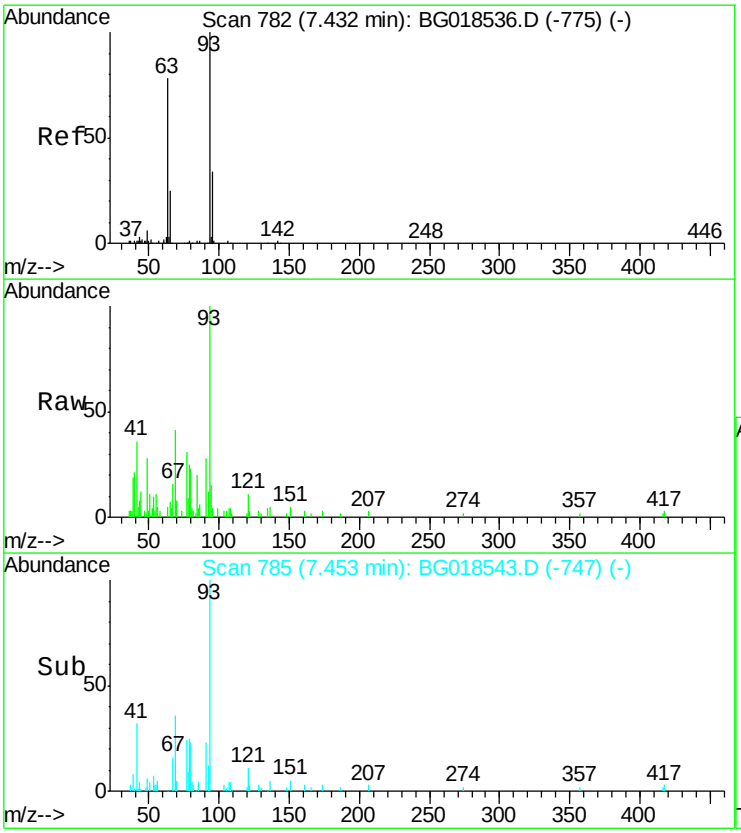
#6
Phenol
Concen: 30.88 ng/ul
RT: 7.20 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Instrument :
BNA_G
ClientSampleId :
BCTJ1MS

Tgt Ion: 94 Resp: 246990

Ion	Ratio	Lower	Upper
94	100		
65	26.2	23.0	34.6
66	32.1	31.0	46.4

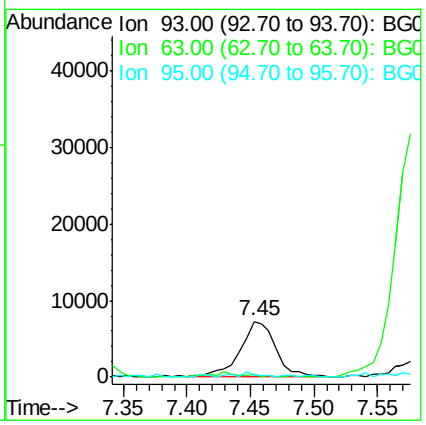


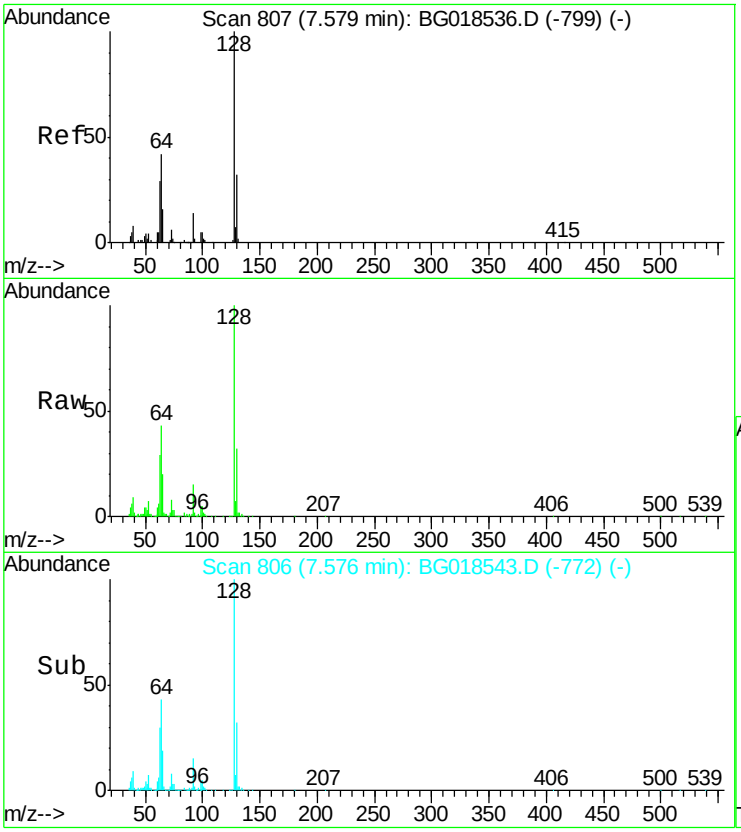


#8
Bis(2-Chloroethyl)ether
Concen: 2.33 ng/ul
RT: 7.45 min Scan# 785
Delta R.T. 0.02 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Tgt Ion: 93 Resp: 14338

Ion	Ratio	Lower	Upper
93	100		
63	5.4	61.4	92.2#
95	3.6	25.9	38.9#



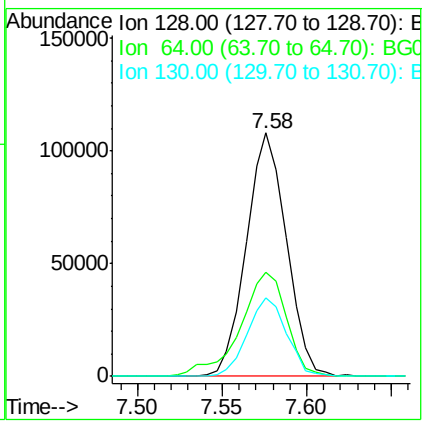


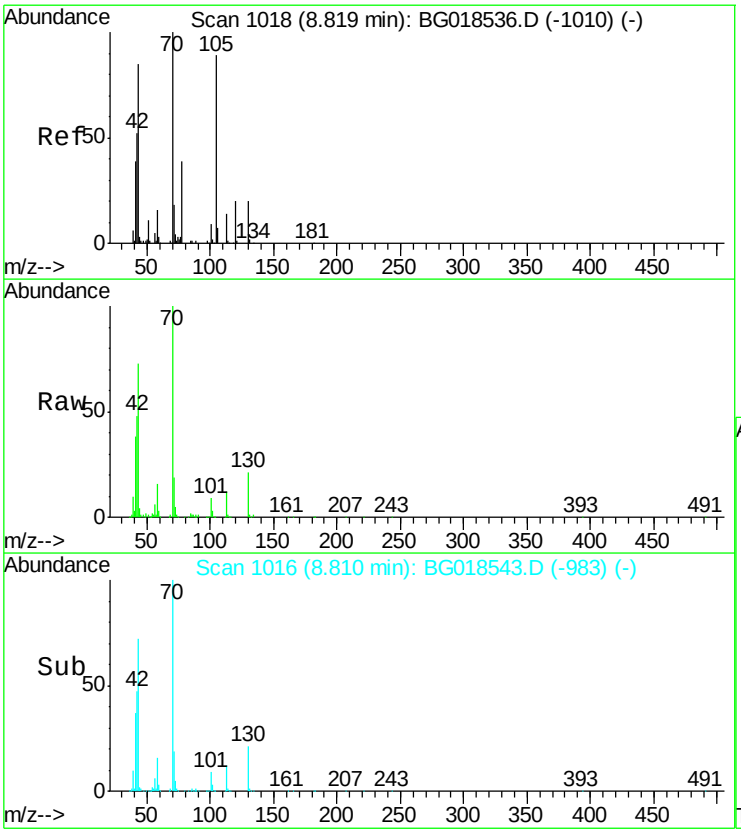
#10
2-Chlorophenol
Concen: 29.16 ng/ul
RT: 7.58 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Instrument :
BNA_G
ClientSampleId :
BCTJ1MS

Tgt Ion:128 Resp: 178480

Ion	Ratio	Lower	Upper
128	100		
64	43.0	40.9	61.3
130	32.1	24.5	36.7

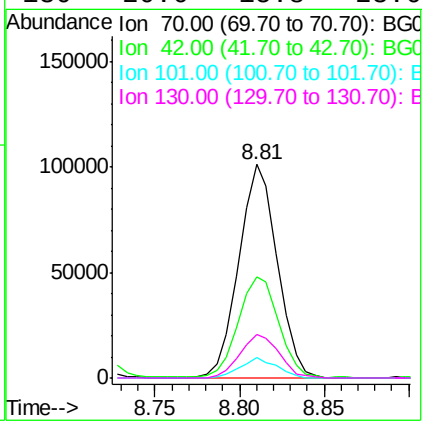


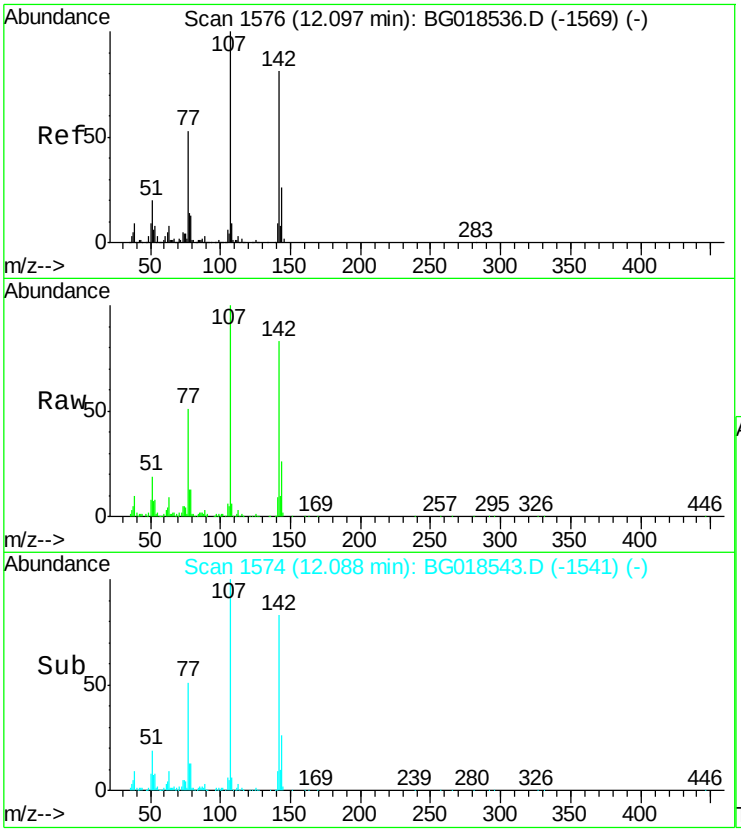


#15
N-Nitroso-di-n-propylamine
Concen: 29.32 ng/ul
RT: 8.81 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Tgt Ion: 70 Resp: 160094

Ion	Ratio	Lower	Upper
70	100		
42	47.6	50.7	76.1#
101	9.5	7.4	11.2
130	20.6	15.8	23.6



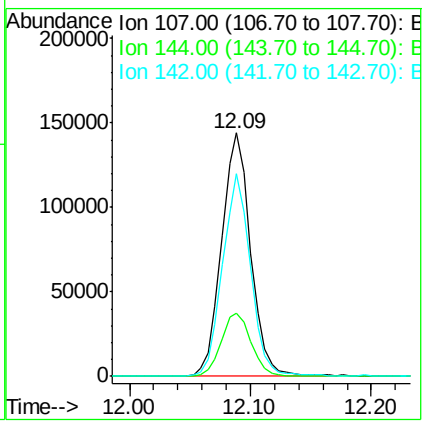


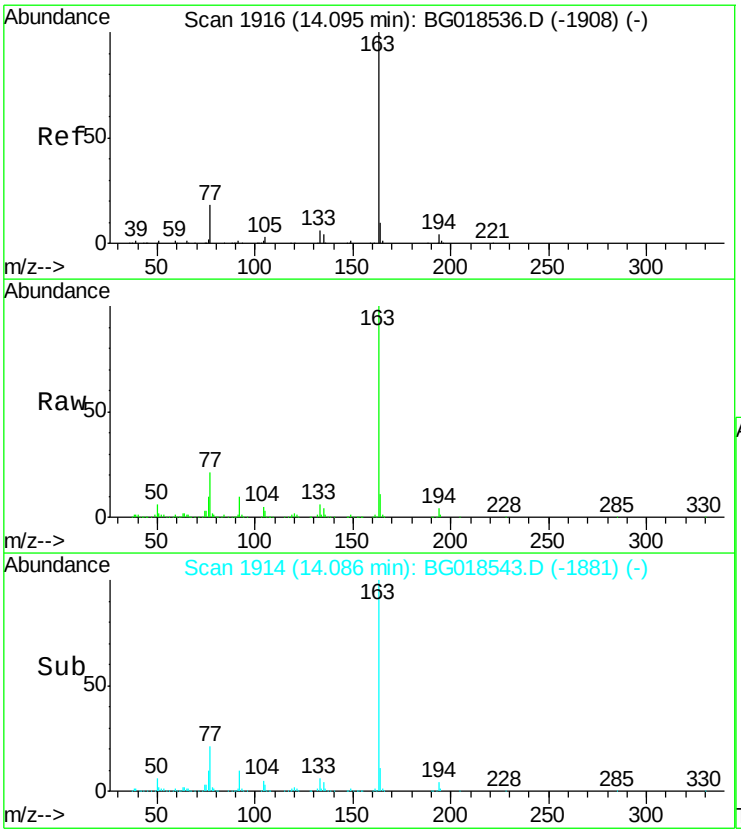
#33
4-Chloro-3-methylphenol
Concen: 30.67 ng/ul
RT: 12.09 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Instrument :
BNA_G
ClientSampleId :
BCTJ1MS

Tgt Ion:107 Resp: 239021

Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.4	32.2
142	83.4	66.0	99.0

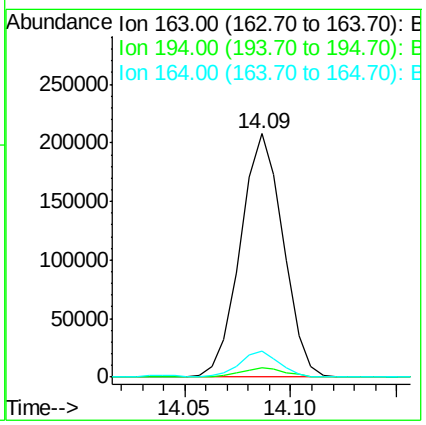


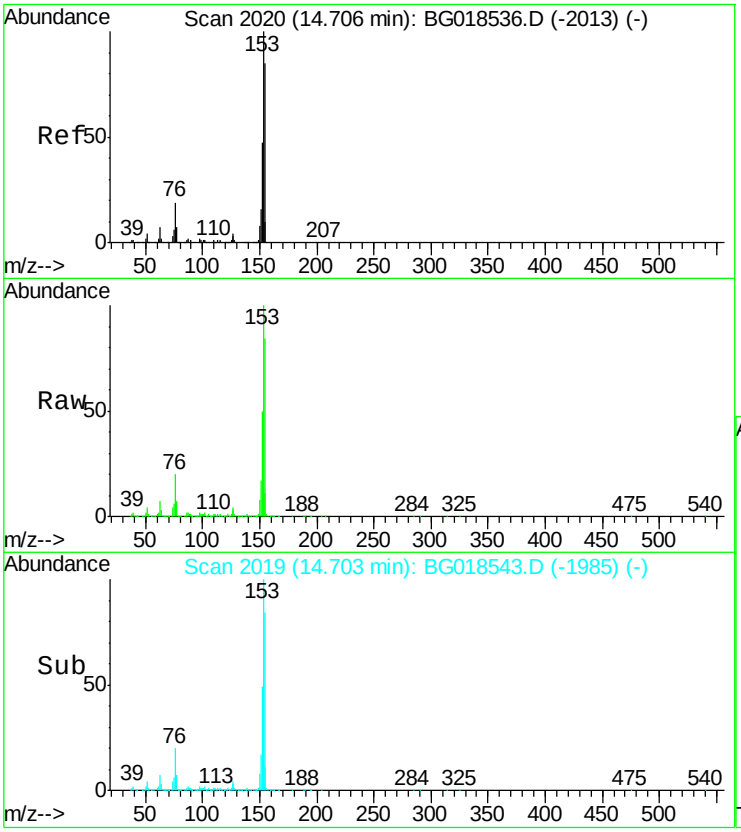


#45
Dimethylphthalate
Concen: 12.00 ng/ul
RT: 14.09 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Tgt Ion:163 Resp: 292197

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.9	4.3
164	10.7	7.7	11.5



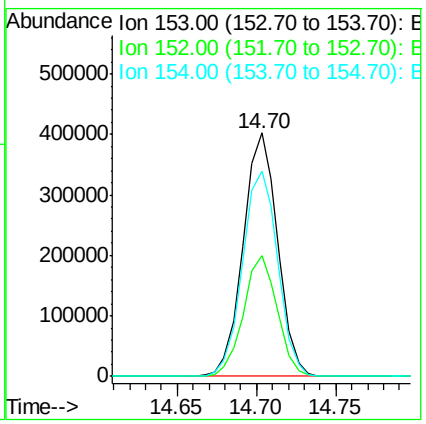


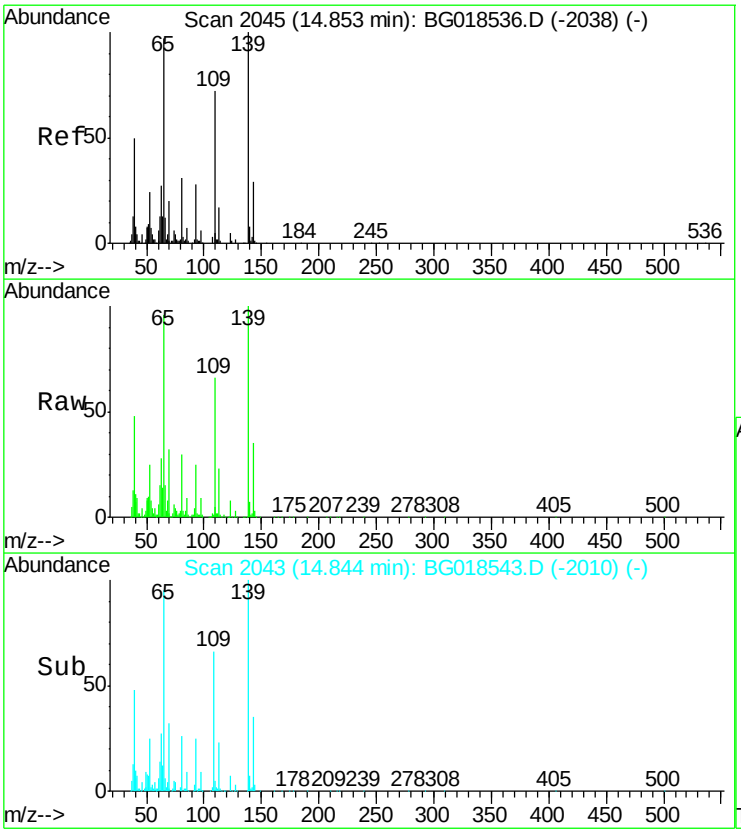
#50
Acenaphthene
Concen: 27.70 ng/ul
RT: 14.70 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Instrument :
BNA_G
ClientSampleId :
BCTJ1MS

Tgt Ion:153 Resp: 605906

Ion	Ratio	Lower	Upper
153	100		
152	49.5	38.2	57.4
154	84.1	68.6	103.0

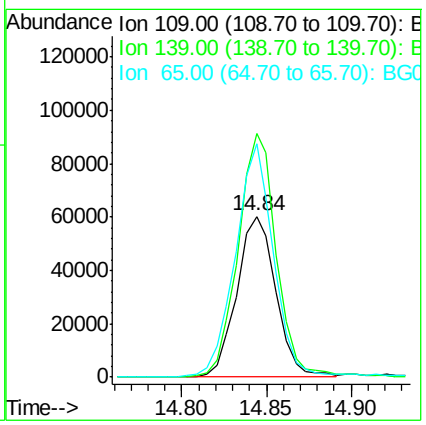


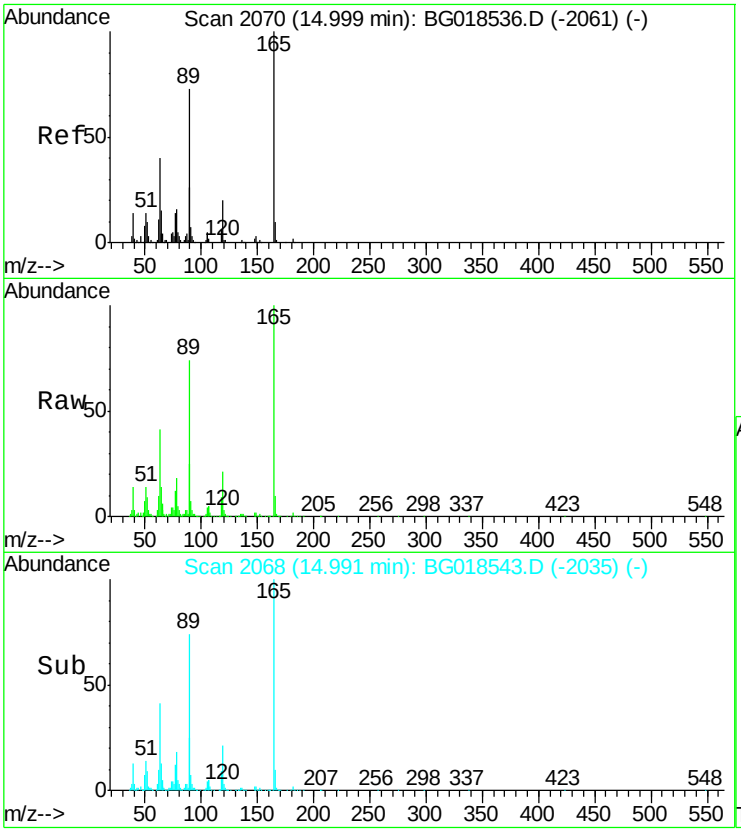


#53
4-Nitrophenol
Concen: 25.19 ng/ul
RT: 14.84 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Tgt Ion:109 Resp: 97264

Ion	Ratio	Lower	Upper
109	100		
139	151.5	111.3	166.9
65	145.0	105.3	157.9



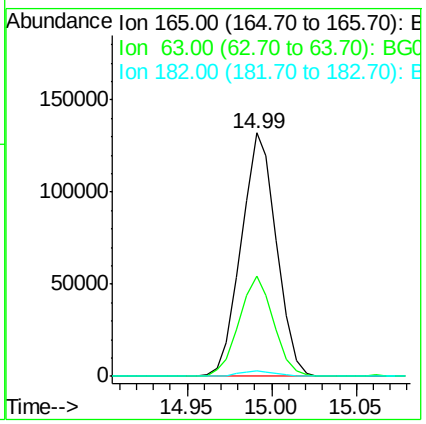


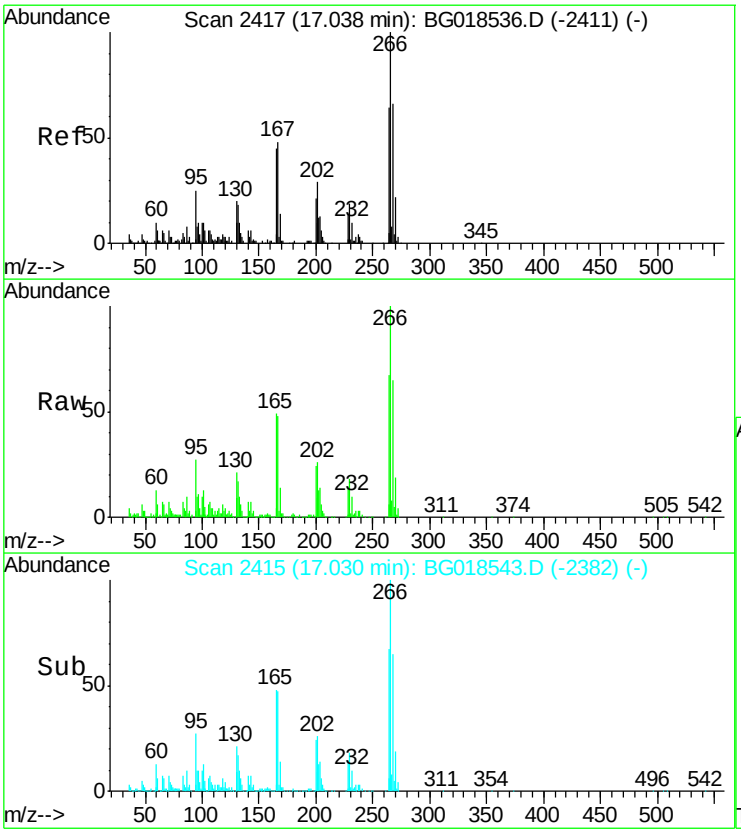
#55
2,4-Dinitrotoluene
Concen: 27.68 ng/ul
RT: 14.99 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Instrument :
BNA_G
ClientSampleId :
BCTJ1MS

Tgt Ion:165 Resp: 191615

Ion	Ratio	Lower	Upper
165	100		
63	41.3	36.7	55.1
182	2.4	2.2	3.2

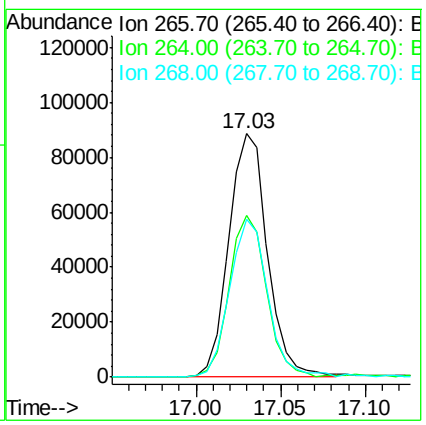


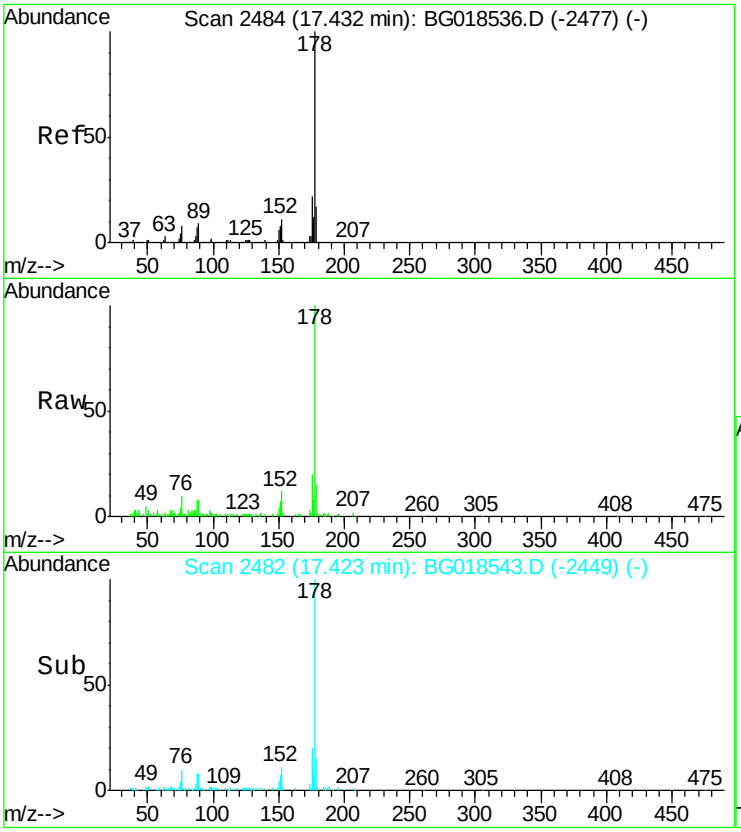


#69
Pentachlorophenol
Concen: 25.63 ng/ul
RT: 17.03 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Tgt Ion:266 Resp: 140901

Ion	Ratio	Lower	Upper
266	100		
264	72.5	55.4	83.0
268	64.9	53.6	80.4



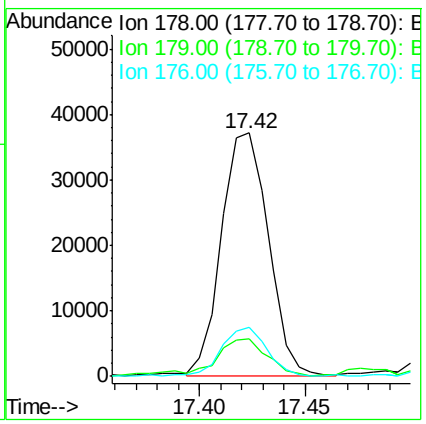


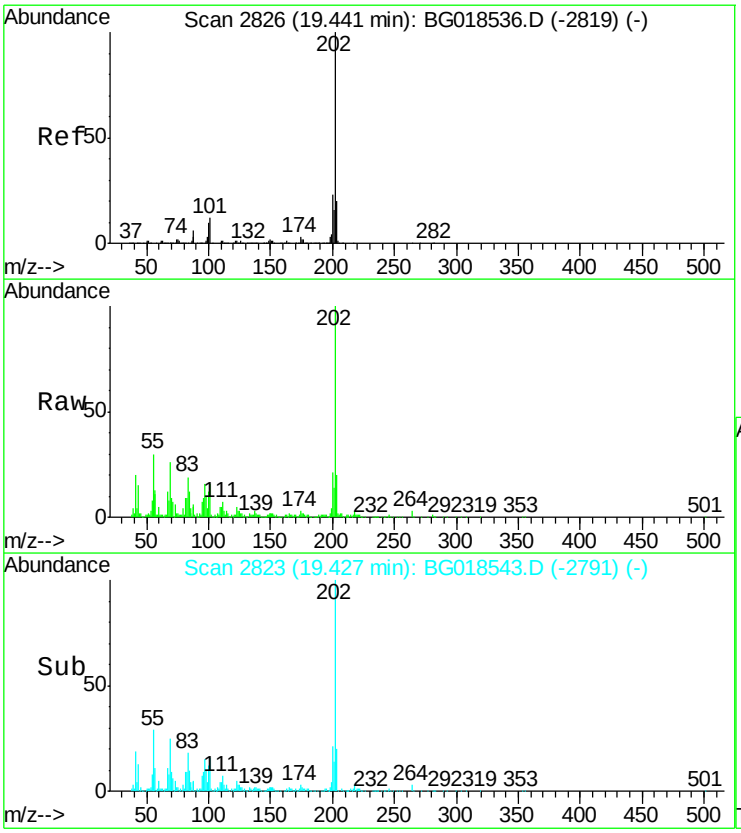
#70
Phenanthrene
Concen: 1.46 ng/ul
RT: 17.42 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Instrument :
BNA_G
ClientSampleId :
BCTJ1MS

Tgt Ion:178 Resp: 56993

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.7	20.5
176	20.2	16.6	24.8

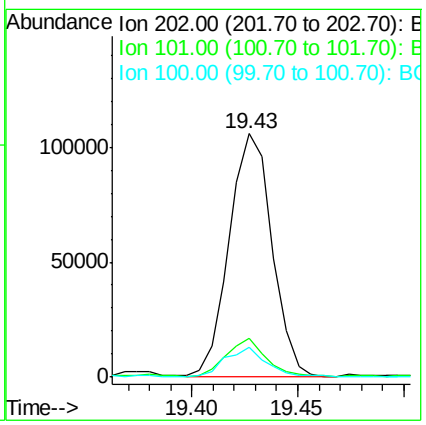


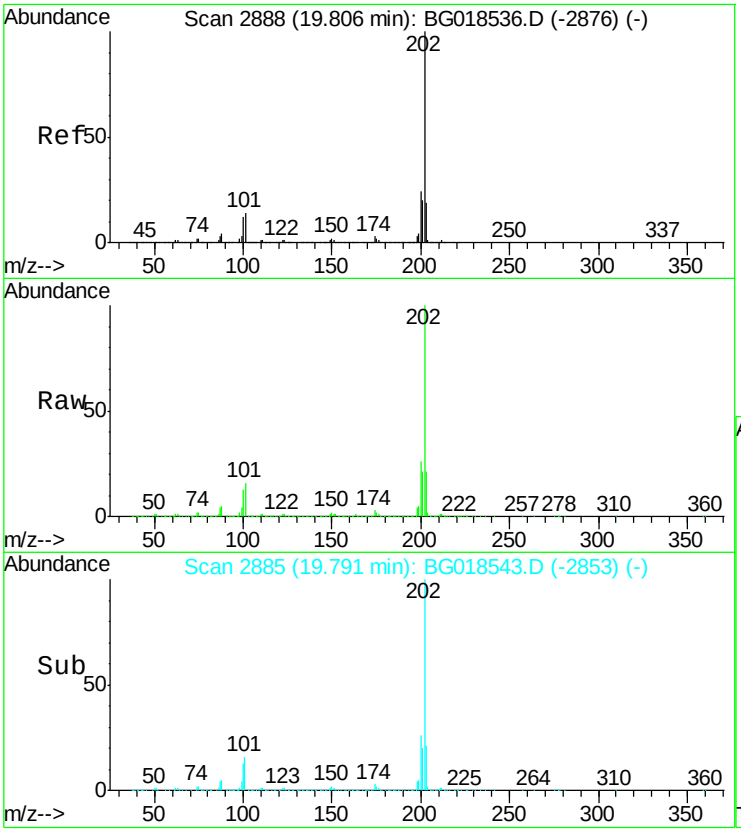


#77
Fluoranthene
Concen: 3.56 ng/ul
RT: 19.43 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Tgt Ion:202 Resp: 148103

Ion	Ratio	Lower	Upper
202	100		
101	16.0	9.7	14.5#
100	12.0	7.8	11.8#



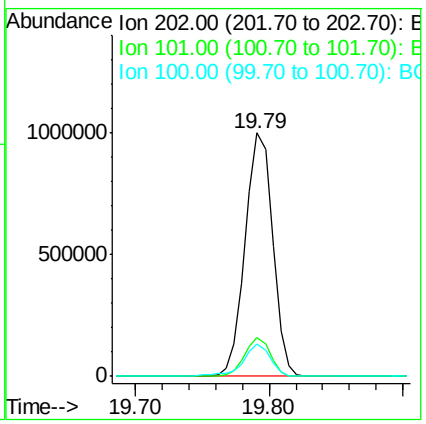


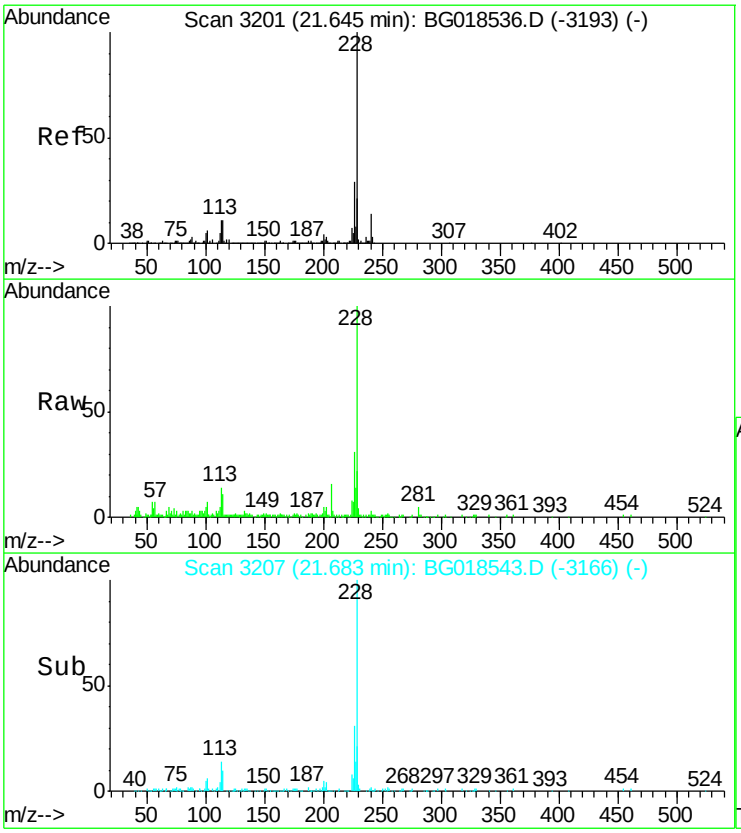
#80
Pyrene
Concen: 29.38 ng/ul
RT: 19.79 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Instrument :
BNA_G
ClientSampleId :
BCTJ1MS

Tgt Ion:202 Resp: 1420079

Ion	Ratio	Lower	Upper
202	100		
101	16.0	11.0	16.4
100	13.4	9.8	14.6

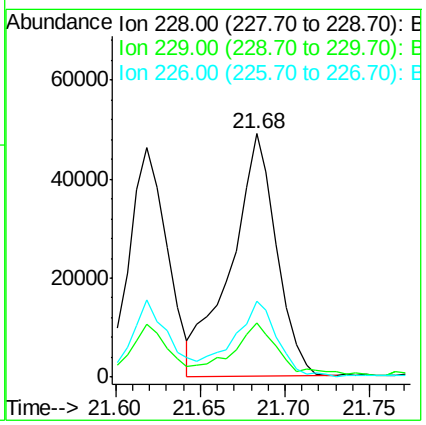


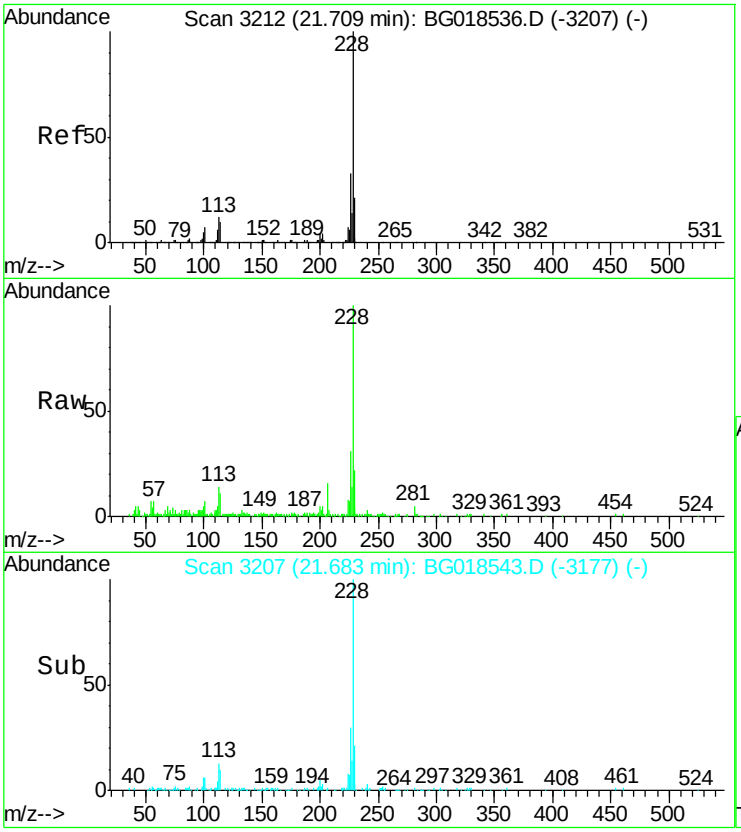


#83
Benzo(a)anthracene
Concen: 2.06 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. 0.04 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Tgt Ion:228 Resp: 91290

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.5	23.3
226	31.0	22.1	33.1



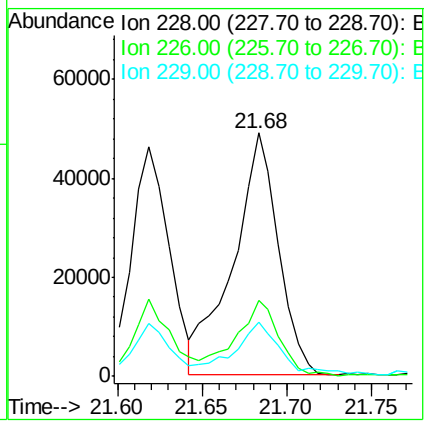


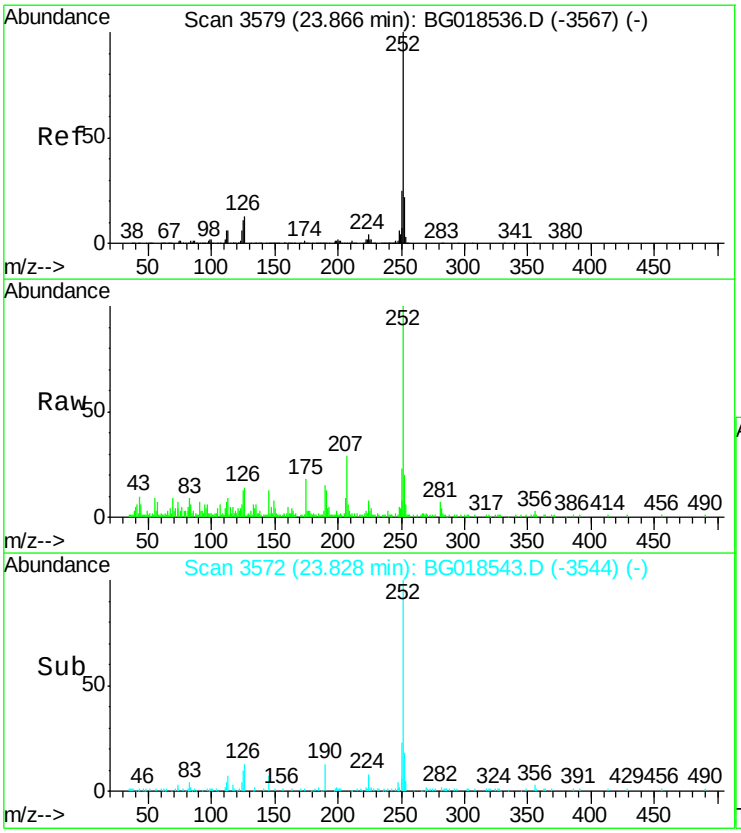
#85
Chrysene
Concen: 2.19 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.03 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Instrument :
BNA_G
ClientSampleId :
BCTJ1MS

Tgt Ion:228 Resp: 90685

Ion	Ratio	Lower	Upper
228	100		
226	31.0	26.5	39.7
229	22.4	16.9	25.3

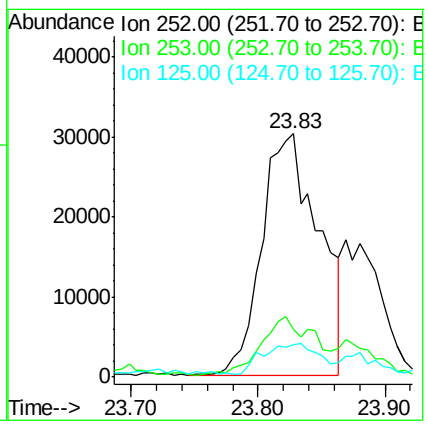


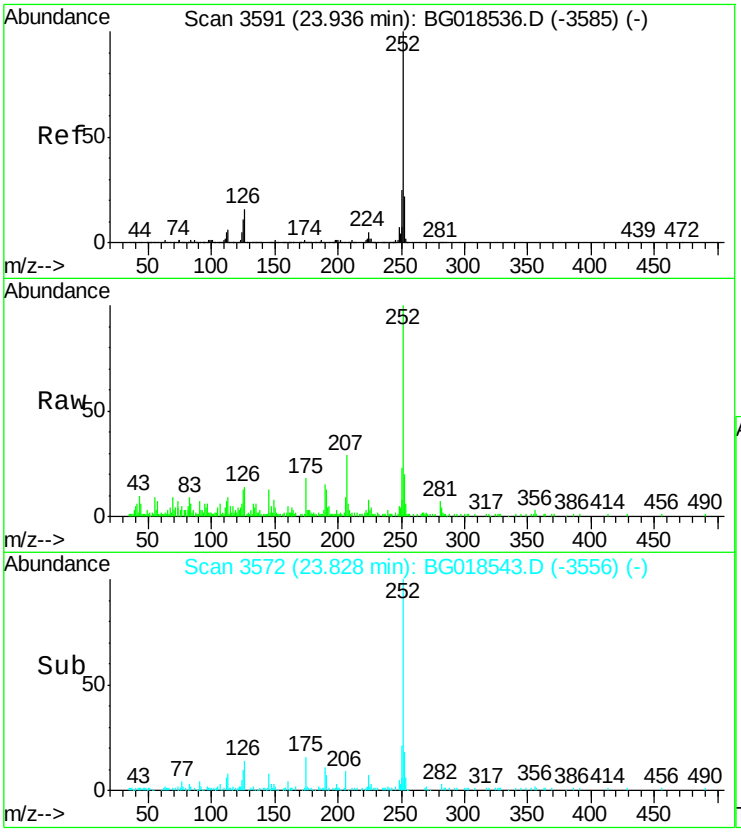


#88
Benzo(b)fluoranthene
Concen: 2.13 ng/ul
RT: 23.83 min Scan# 3572
Delta R.T. -0.04 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Tgt Ion:252 Resp: 94858

Ion	Ratio	Lower	Upper
252	100		
253	19.5	18.1	27.1
125	13.1	8.3	12.5#



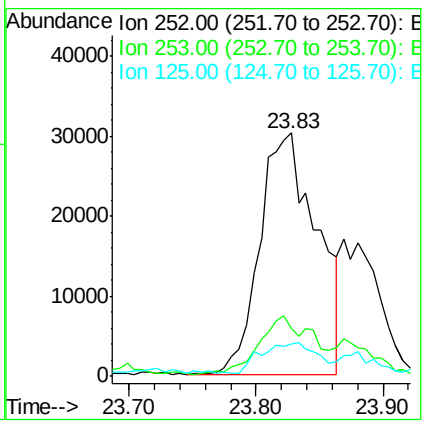


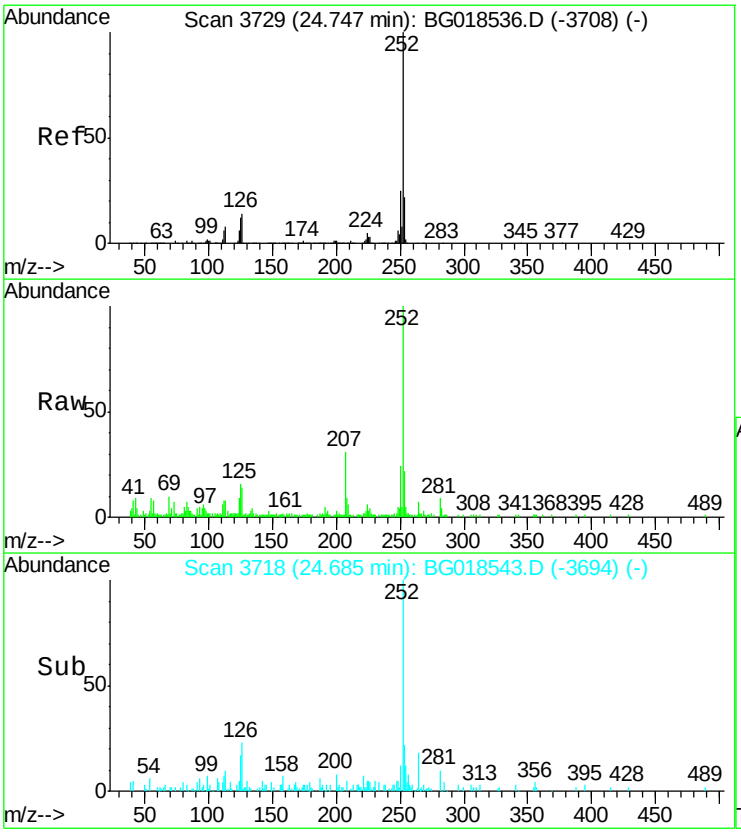
#89
Benzo(k)fluoranthene
Concen: 2.21 ng/ul
RT: 23.83 min Scan# 3572
Delta R.T. -0.11 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Instrument :
BNA_G
ClientSampleId :
BCTJ1MS

Tgt Ion:252 Resp: 94858

Ion	Ratio	Lower	Upper
252	100		
253	19.5	17.8	26.6
125	13.1	9.0	13.4





#91
Benzo(a)pyrene
Concen: 1.69 ng/ul
RT: 24.69 min Scan# 3718
Delta R.T. -0.06 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Tgt Ion:252 Resp: 71449

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	16.5	10.2	15.2#