Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019342.D
Acq On : 24 Oct 2015 19:07
Operator : UM/NP
Sample : G4058-10MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LR8MSD

Quant Time: Oct 25 03:29:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 25 03:28:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	44412	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	180964	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	140350	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	358454	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	434032	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	420240	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	2130	2.66	ng/uL	0.00
5) Phenol-d5	7.37	99	51093	13.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	38043	16.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	32475	12.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	38861	12.76	ng/ul	0.00
19) Nitrobenzene-d5	9.40	128	19898	14.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	22399	14.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	41511	12.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	4525	1.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	162897	14.00	ng/ul	0.00
47) Acenaphthylene-d8	14.55	160	177458	13.78	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	10724	5.67	ng/ul	0.00
58) Fluorene-d10	15.85	176	145408	13.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	29329	12.43	ng/ul	0.00
71) Anthracene-d10	17.60	188	358454	21.84	ng/ul	-0.10
79) Pyrene-d10	19.96	212	232721	12.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	248095	11.57	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.37	77	2649	1.09	ng/ul#	73
6) Phenol	7.40	94	55884	13.61	ng/ul	88
10) 2-Chlorophenol	7.80	128	34566	13.48	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.04	70	46009	14.62	ng/ul	94
28) Naphthalene	11.12	128	10356	1.15	ng/ul#	95
33) 4-Chloro-3-methylphenol	12.31	107	53245	12.40	ng/ul#	95
34) 2-Methylnaphthalene	12.71	142	8514	1.14	ng/ul	97
45) Dimethylphthalate	14.30	163	94219	8.11	ng/ul#	93
50) Acenaphthene	14.92	153	107744	12.34	ng/ul	97
53) 4-Nitrophenol	15.04	109	15976	5.12	ng/ul#	58
55) 2,4-Dinitrotoluene	15.20	165	47670	13.26	ng/ul	91
69) Pentachlorophenol	17.24	266	34842	10.62	ng/ul	100
70) Phenanthrene	17.64	178	57195	3.16	ng/ul	95
72) Anthracene	17.64	178	57433	3.14	ng/ul	96
77) Fluoranthene	19.63	202	81967	3.37	ng/ul#	95
80) Pyrene	19.99	202	314020	12.91	ng/ul#	97
83) Benzo(a)anthracene	21.86	228	51452	2.04	ng/ul#	81
85) Chrysene	21.93	228	59761	2.58	ng/ul#	92
88) Benzo(b)fluoranthene	24.20	252	66053	2.57	ng/ul#	94
91) Benzo(a)pyrene	25.12	252	38891	1.63	ng/ul#	93

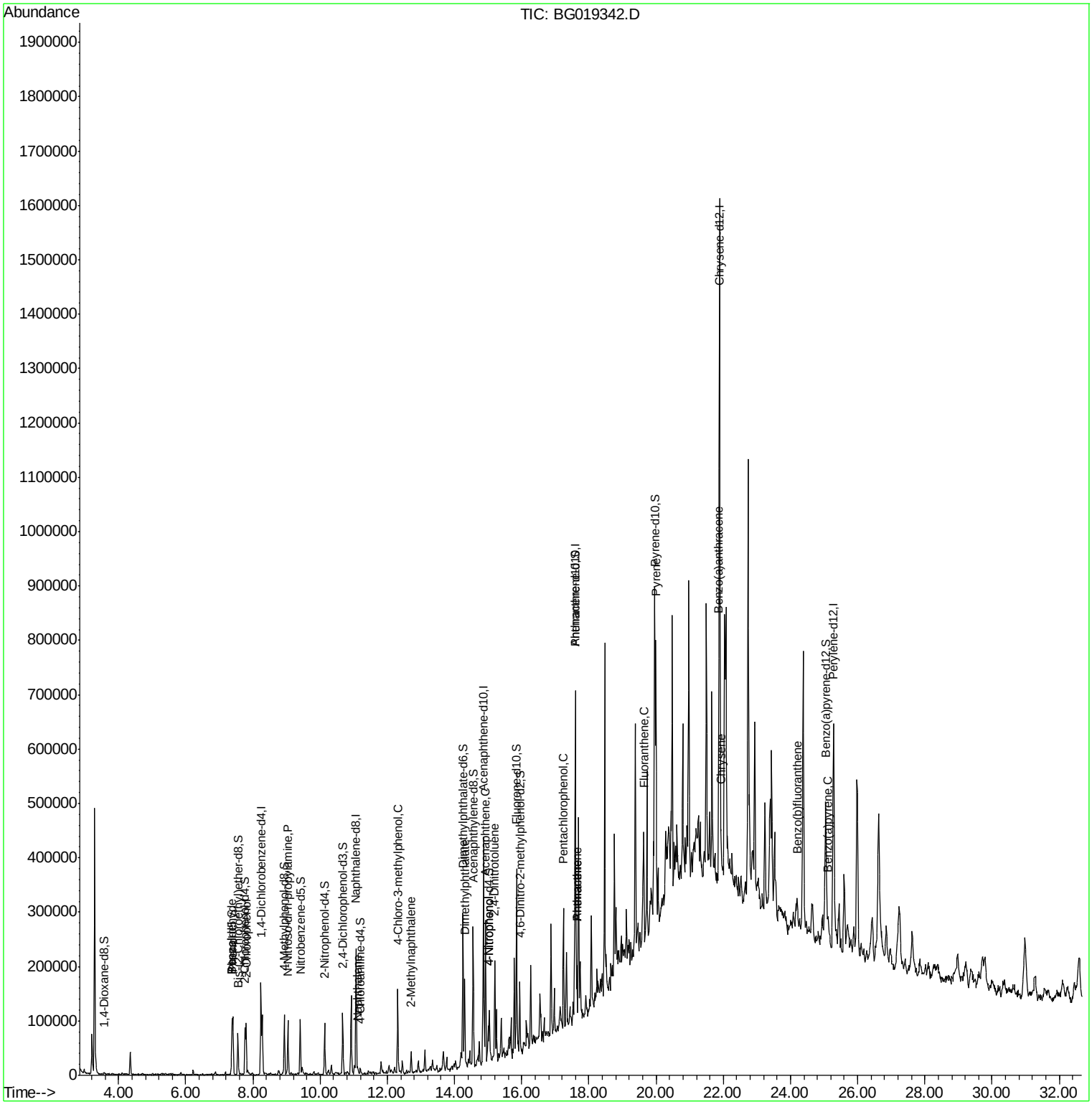
(#) = qualifier out of range (m) = manual integration (+) = signals summed

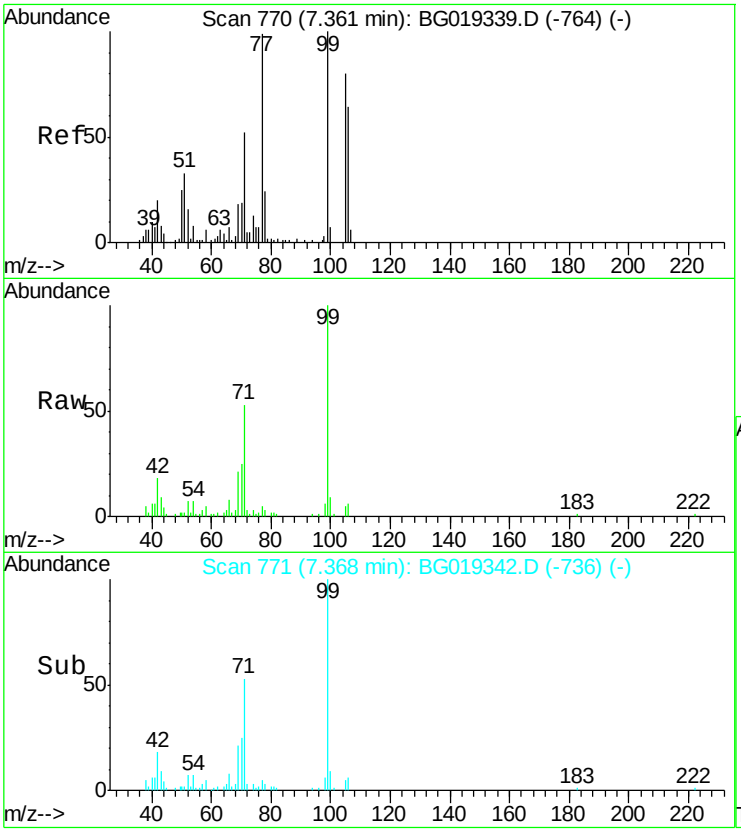
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019342.D
Acq On : 24 Oct 2015 19:07
Operator : UM/NP
Sample : G4058-10MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LR8MSD

Quant Time: Oct 25 03:29:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 25 03:28:11 2015
Response via : Initial Calibration



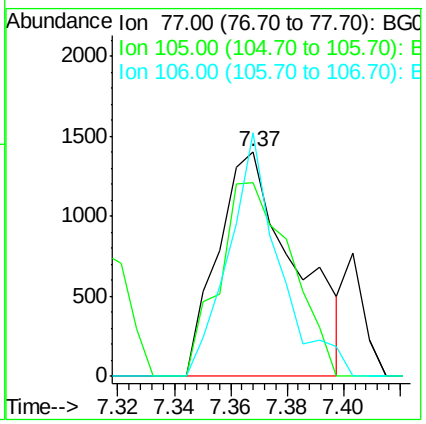


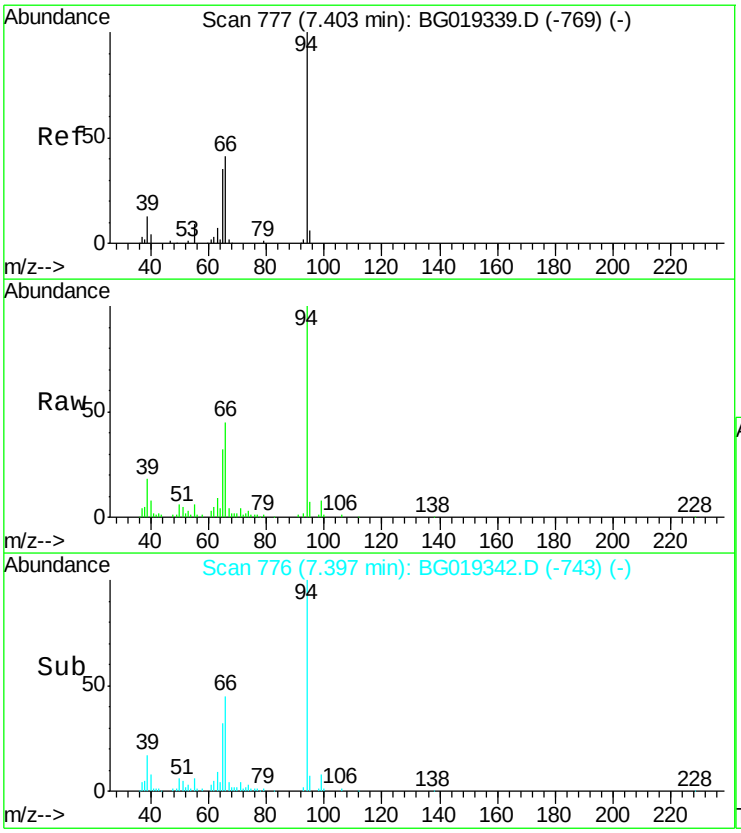
#4
Benzaldehyde
Concen: 1.09 ng/ul
RT: 7.37 min Scan# 771
Delta R.T. 0.01 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Instrument :
BNA_G
ClientSampleId :
E5LR8MSD

Tgt Ion: 77 Resp: 2649

Ion	Ratio	Lower	Upper
77	100		
105	86.1	61.6	92.4
106	108.3	56.4	84.6#

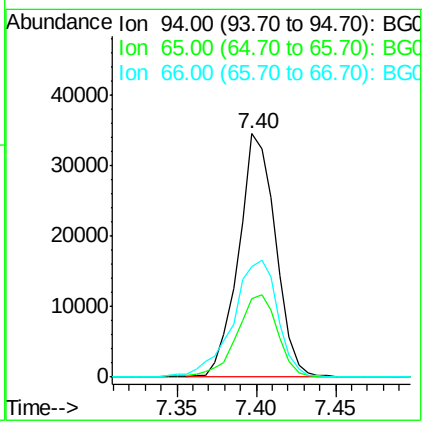


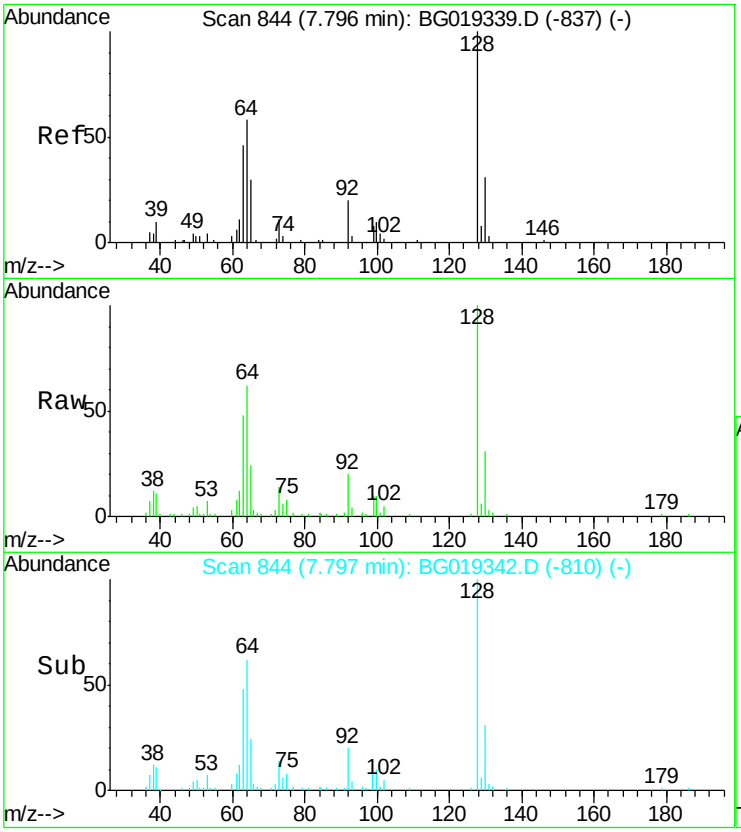


#6
Phenol
Concen: 13.61 ng/ul
RT: 7.40 min Scan# 776
Delta R.T. -0.01 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Tgt Ion: 94 Resp: 55884

Ion	Ratio	Lower	Upper
94	100		
65	32.4	29.3	43.9
66	45.2	45.0	67.6



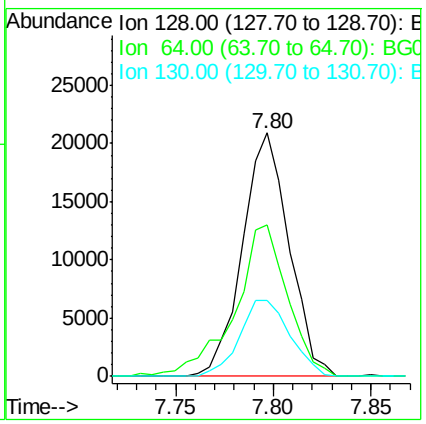


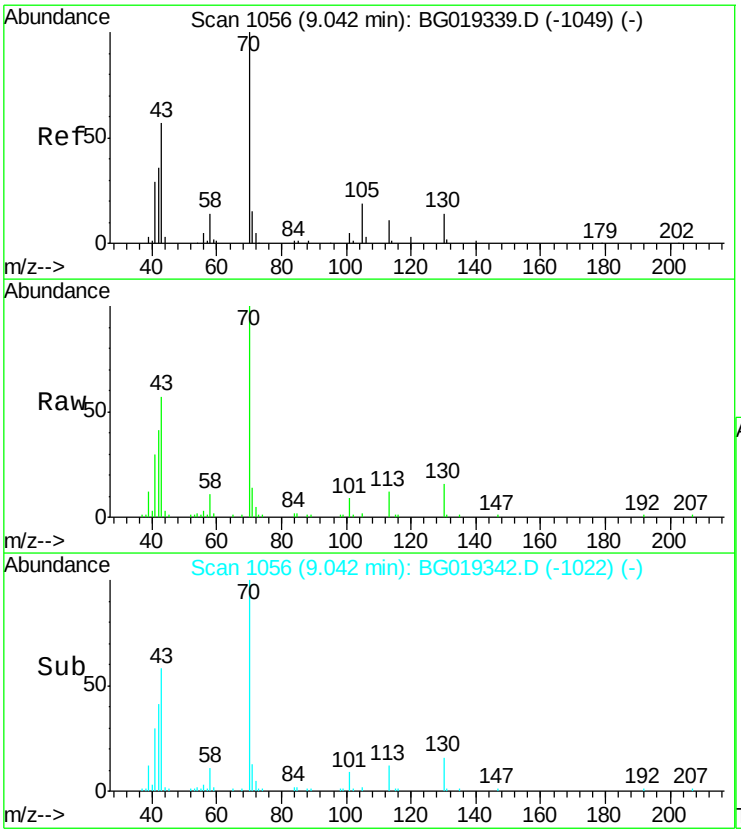
#10
2-Chlorophenol
Concen: 13.48 ng/ul
RT: 7.80 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Instrument :
BNA_G
ClientSampleId :
E5LR8MSD

Tgt Ion:128 Resp: 34566

Ion	Ratio	Lower	Upper
128	100		
64	62.0	53.2	79.8
130	31.3	25.9	38.9

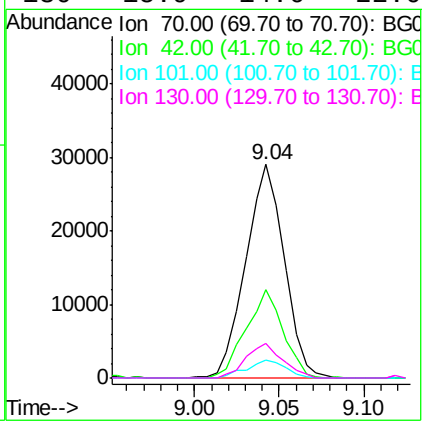


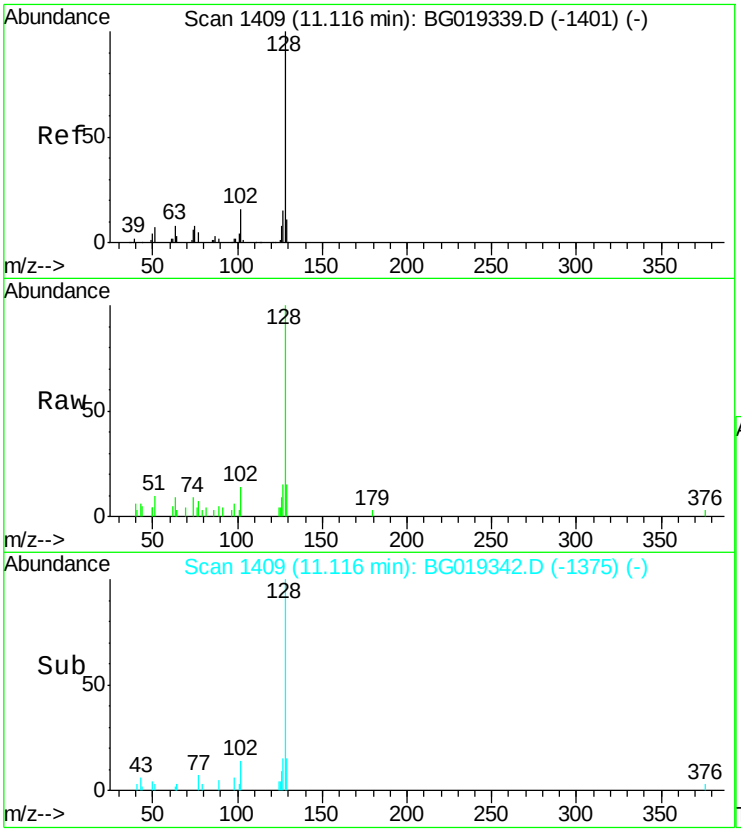


#15
N-Nitroso-di-n-propylamine
Concen: 14.62 ng/ul
RT: 9.04 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Tgt Ion: 70 Resp: 46009

Ion	Ratio	Lower	Upper
70	100		
42	41.1	36.6	55.0
101	8.6	5.8	8.8
130	15.9	14.6	22.0



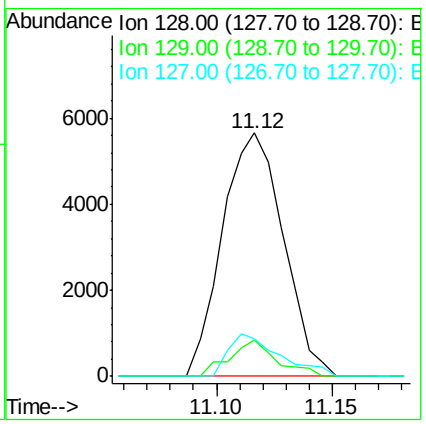


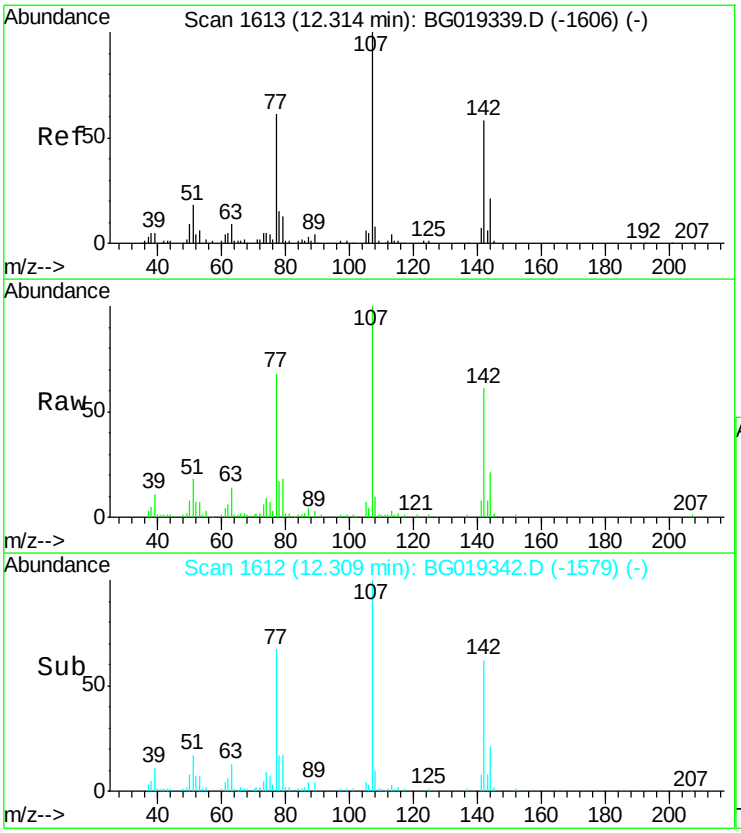
#28
Naphthalene
Concen: 1.15 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Instrument :
BNA_G
ClientSampleId :
E5LR8MSD

Tgt Ion:128 Resp: 10356

Ion	Ratio	Lower	Upper
128	100		
129	14.8	8.9	13.3#
127	15.3	13.1	19.7

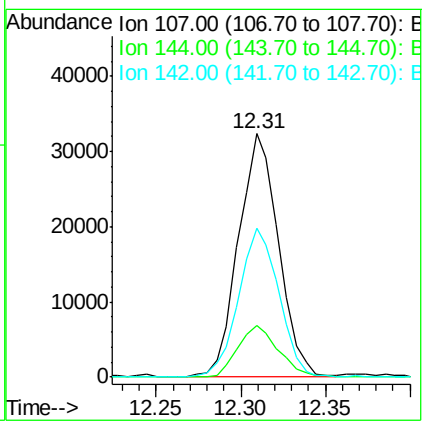


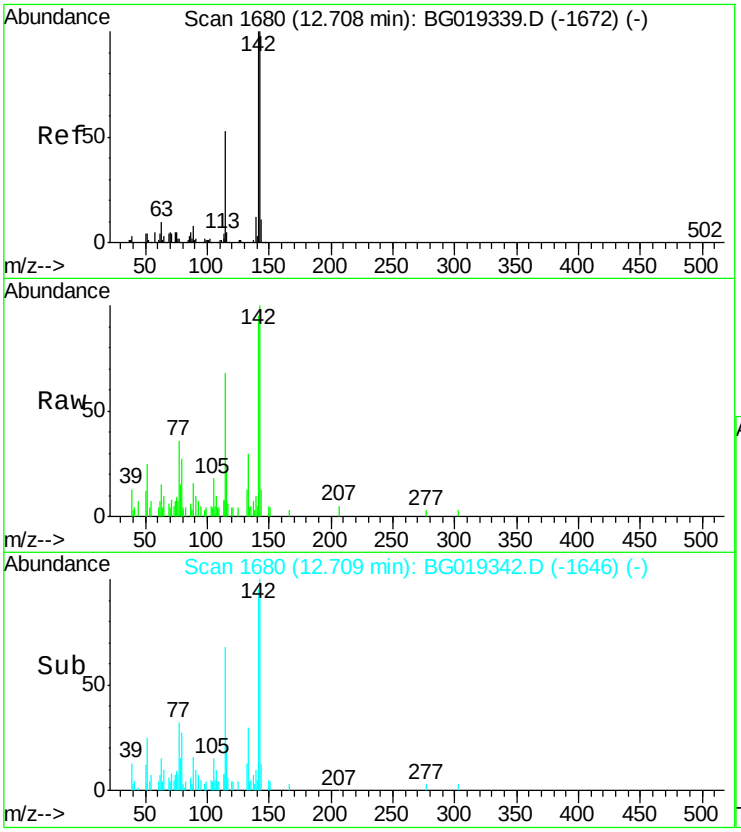


#33
4-Chloro-3-methylphenol
Concen: 12.40 ng/ul
RT: 12.31 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Tgt Ion:107 Resp: 53245

Ion	Ratio	Lower	Upper
107	100		
144	21.2	13.0	19.6#
142	61.2	47.0	70.6



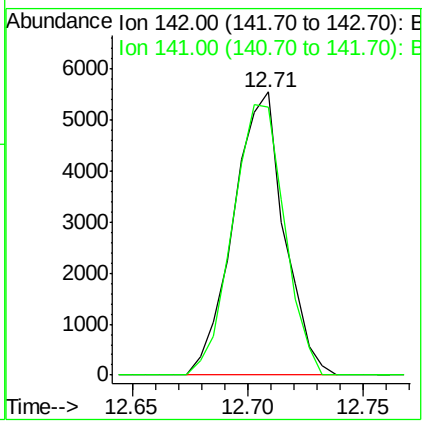


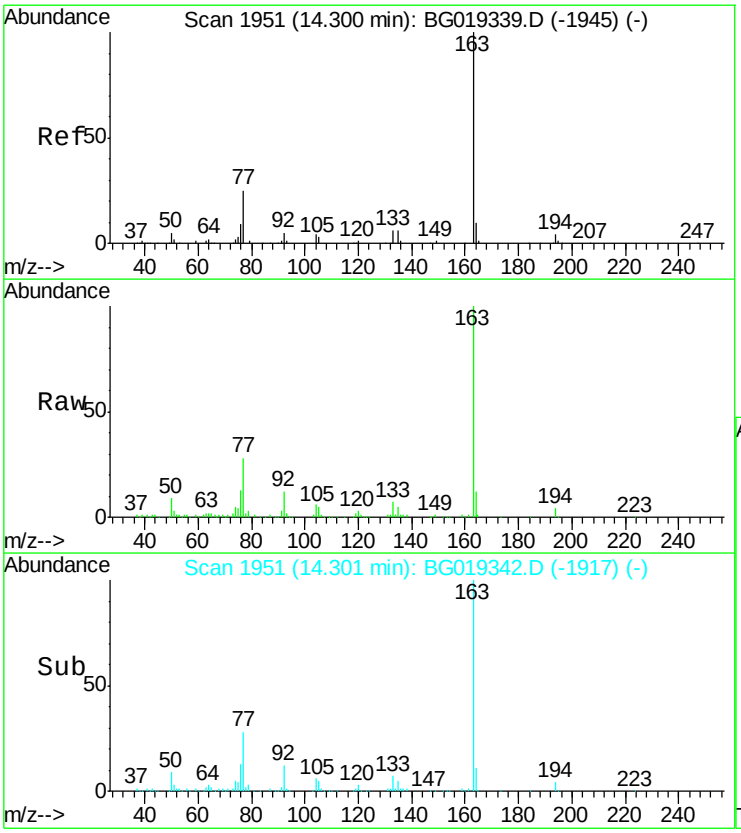
#34
2-Methylnaphthalene
Concen: 1.14 ng/ul
RT: 12.71 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Instrument :
BNA_G
ClientSampleId :
E5LR8MSD

Tgt Ion:142 Resp: 8514

Ion	Ratio	Lower	Upper
142	100		
141	94.8	73.4	110.2

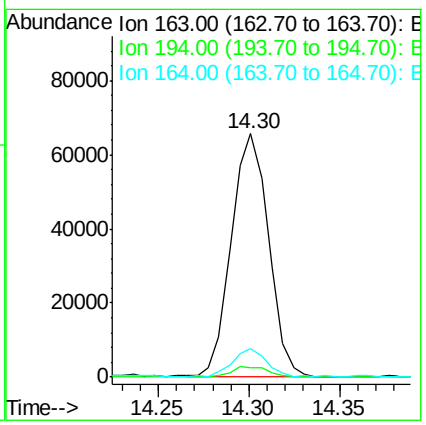


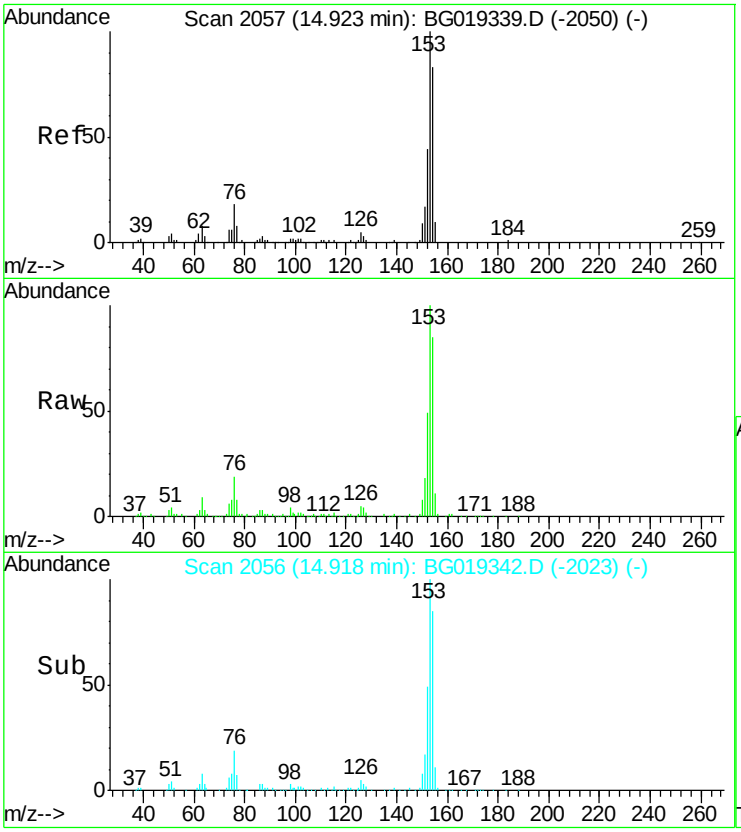


#45
Dimethylphthalate
Concen: 8.11 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Tgt Ion:163 Resp: 94219

Ion	Ratio	Lower	Upper
163	100		
194	3.7	4.3	6.5#
164	12.3	7.5	11.3#



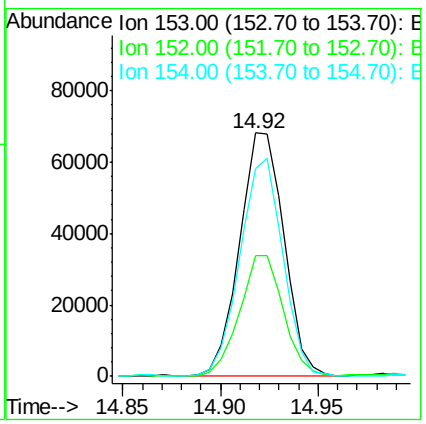


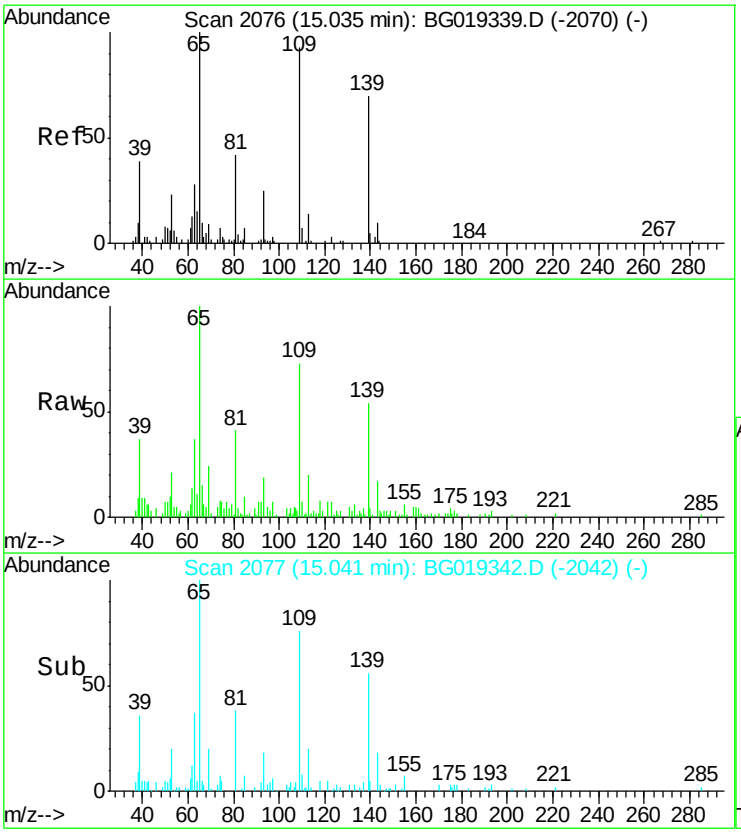
#50
Acenaphthene
Concen: 12.34 ng/ul
RT: 14.92 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Instrument :
BNA_G
ClientSampleId :
E5LR8MSD

Tgt Ion:153 Resp: 107744

Ion	Ratio	Lower	Upper
153	100		
152	49.3	38.8	58.2
154	85.3	71.5	107.3

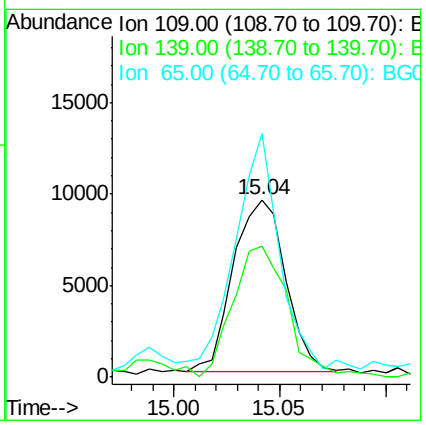


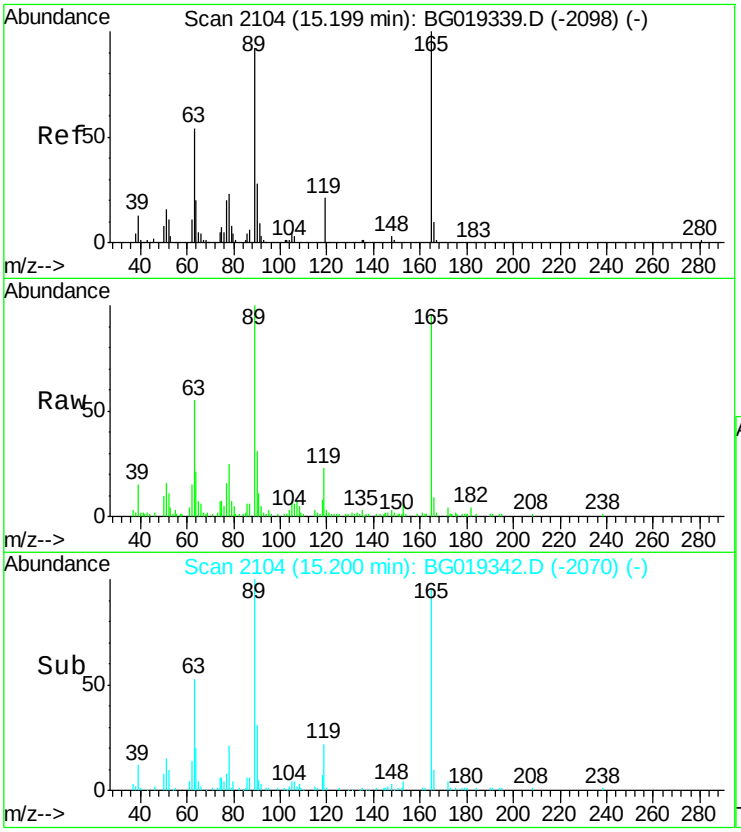


#53
4-Nitrophenol
Concen: 5.12 ng/ul
RT: 15.04 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Tgt Ion:109 Resp: 15976

Ion	Ratio	Lower	Upper
109	100		
139	74.0	41.5	62.3#
65	137.3	73.7	110.5#



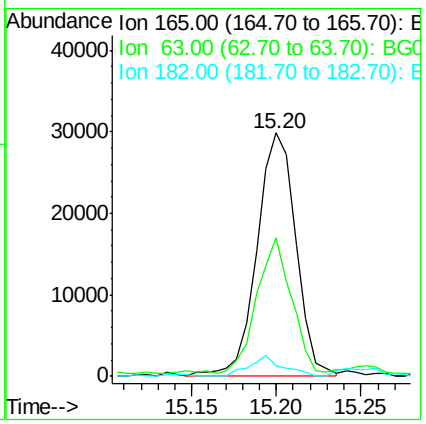


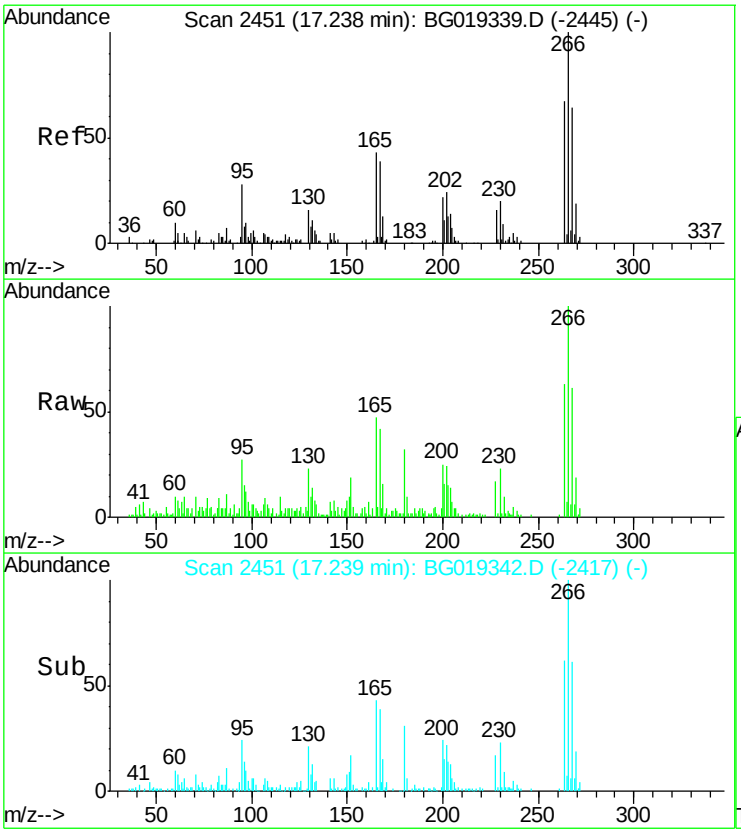
#55
2,4-Dinitrotoluene
Concen: 13.26 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Instrument :
BNA_G
ClientSampleId :
E5LR8MSD

Tgt Ion:165 Resp: 47670

Ion	Ratio	Lower	Upper
165	100		
63	56.8	51.1	76.7
182	4.3	3.3	4.9

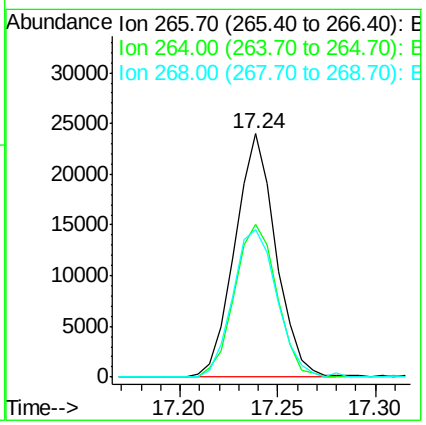


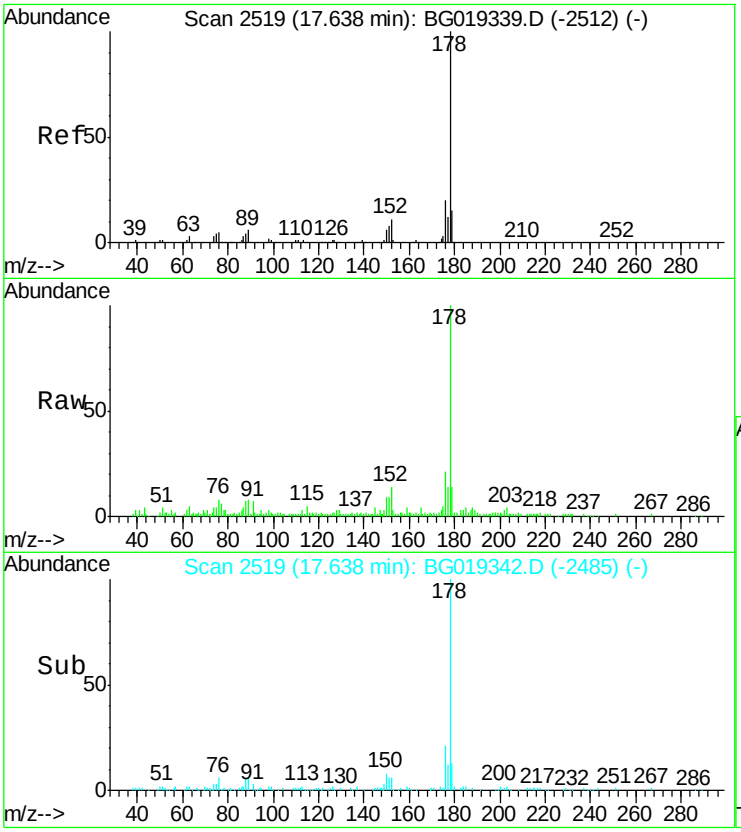


#69
Pentachlorophenol
Concen: 10.62 ng/ul
RT: 17.24 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Tgt Ion:266 Resp: 34842

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.5	74.3
268	60.8	48.7	73.1



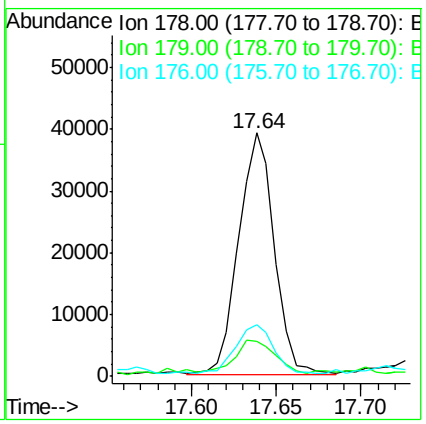


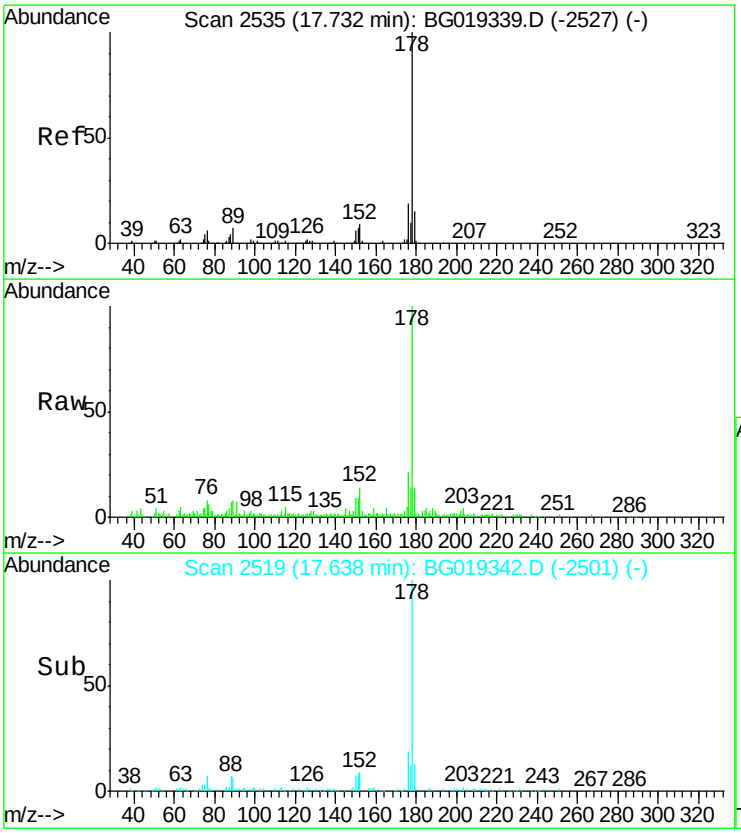
#70
Phenanthrene
Concen: 3.16 ng/ul
RT: 17.64 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Instrument :
BNA_G
ClientSampleId :
E5LR8MSD

Tgt Ion:178 Resp: 57195

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.6	18.8
176	21.1	14.3	21.5

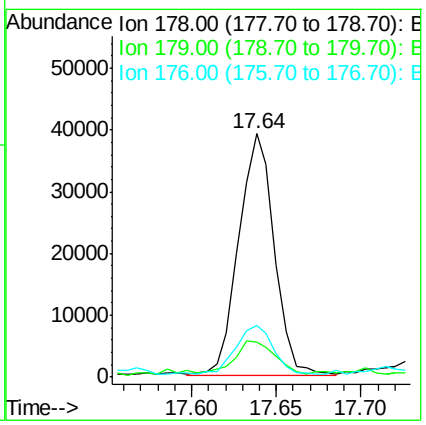


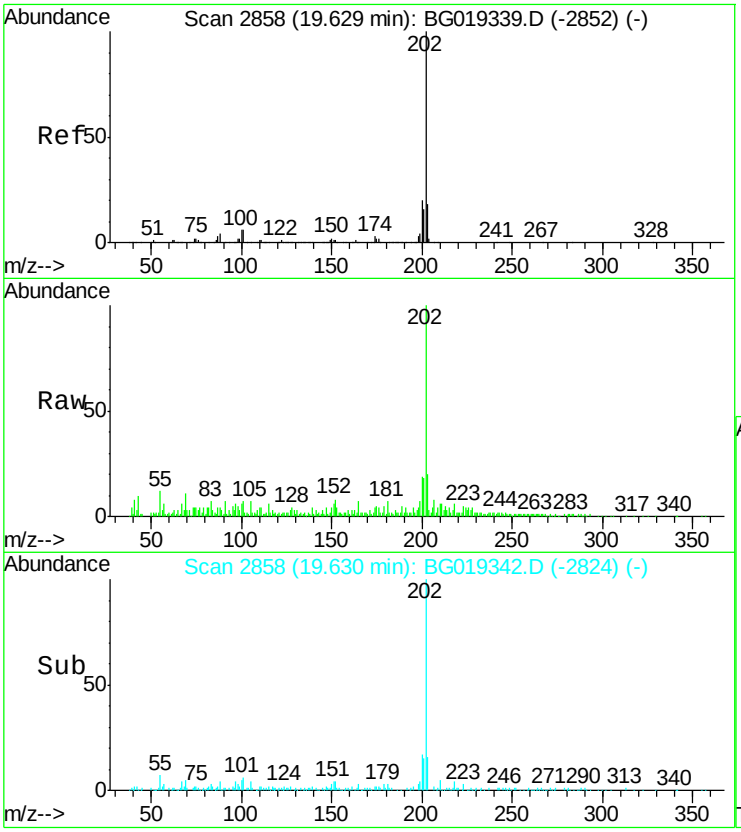


#72
Anthracene
Concen: 3.14 ng/ul
RT: 17.64 min Scan# 2519
Delta R.T. -0.09 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Tgt Ion:178 Resp: 57433

Ion	Ratio	Lower	Upper
178	100		
179	14.4	11.6	17.4
176	21.1	14.2	21.4



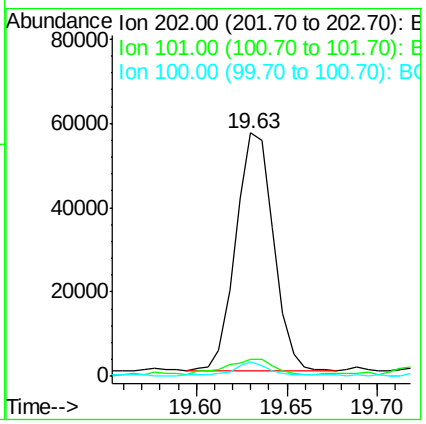


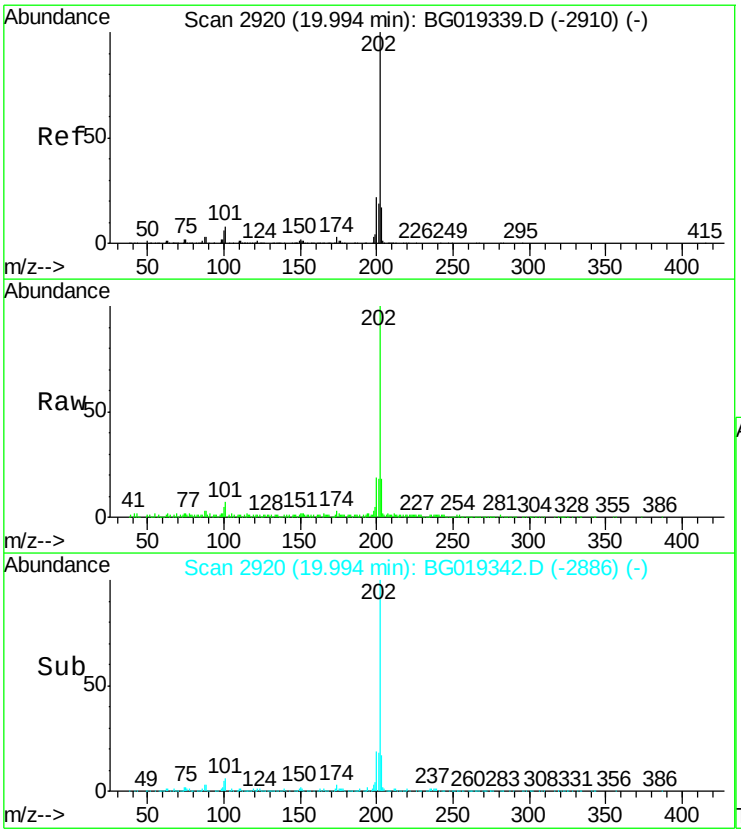
#77
Fluoranthene
Concen: 3.37 ng/ul
RT: 19.63 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Instrument :
BNA_G
ClientSampleId :
E5LR8MSD

Tgt Ion:202 Resp: 81967

Ion	Ratio	Lower	Upper
202	100		
101	6.9	4.0	6.0#
100	6.0	3.6	5.4#

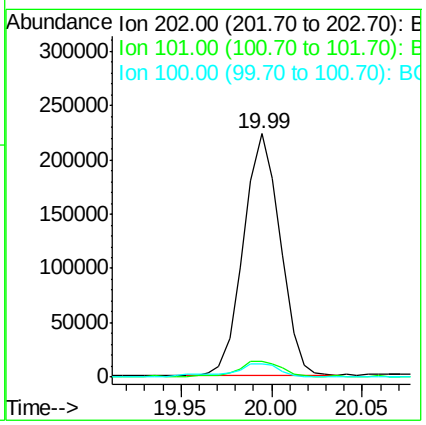


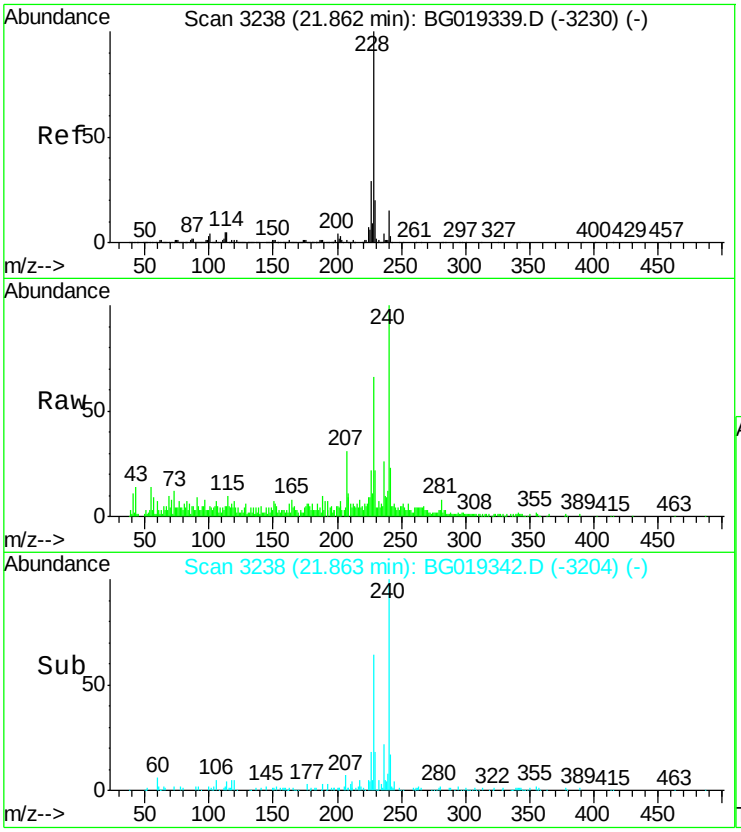


#80
Pyrene
Concen: 12.91 ng/ul
RT: 19.99 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Tgt Ion:202 Resp: 314020

Ion	Ratio	Lower	Upper
202	100		
101	6.6	4.3	6.5#
100	5.3	3.6	5.4



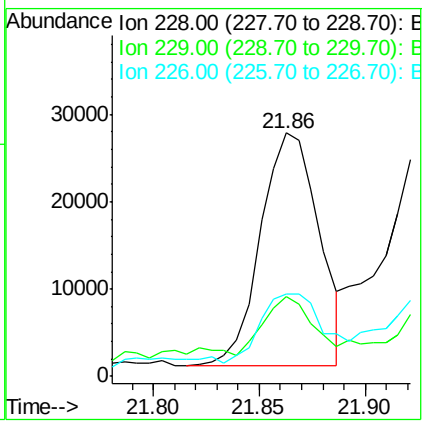


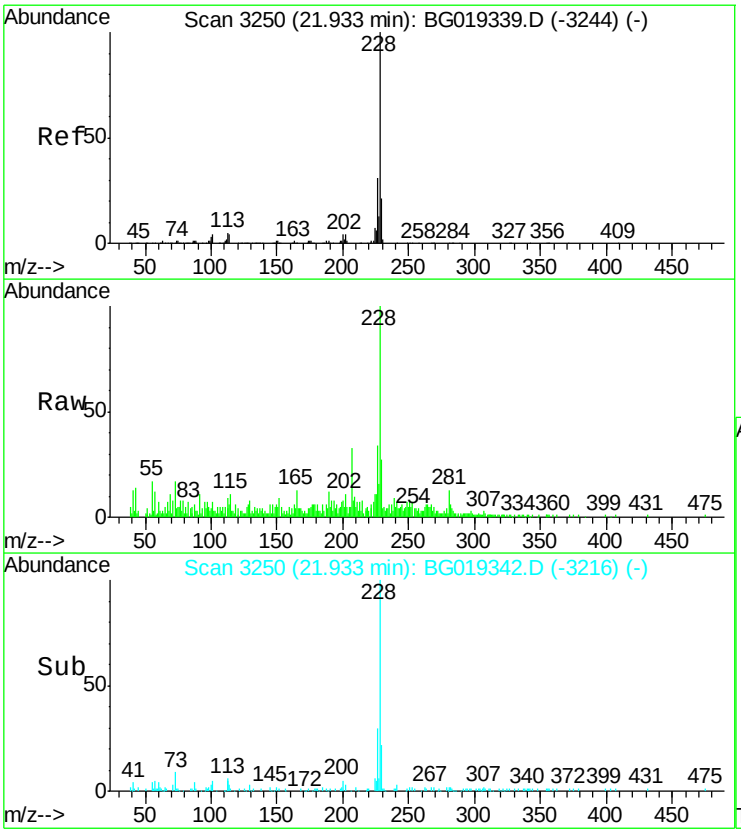
#83
Benzo(a)anthracene
Concen: 2.04 ng/ul
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Instrument :
BNA_G
ClientSampleId :
E5LR8MSD

Tgt Ion:228 Resp: 51452

Ion	Ratio	Lower	Upper
228	100		
229	32.7	15.8	23.8#
226	33.9	21.8	32.6#

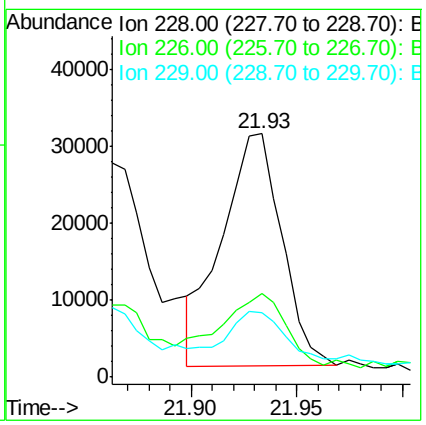


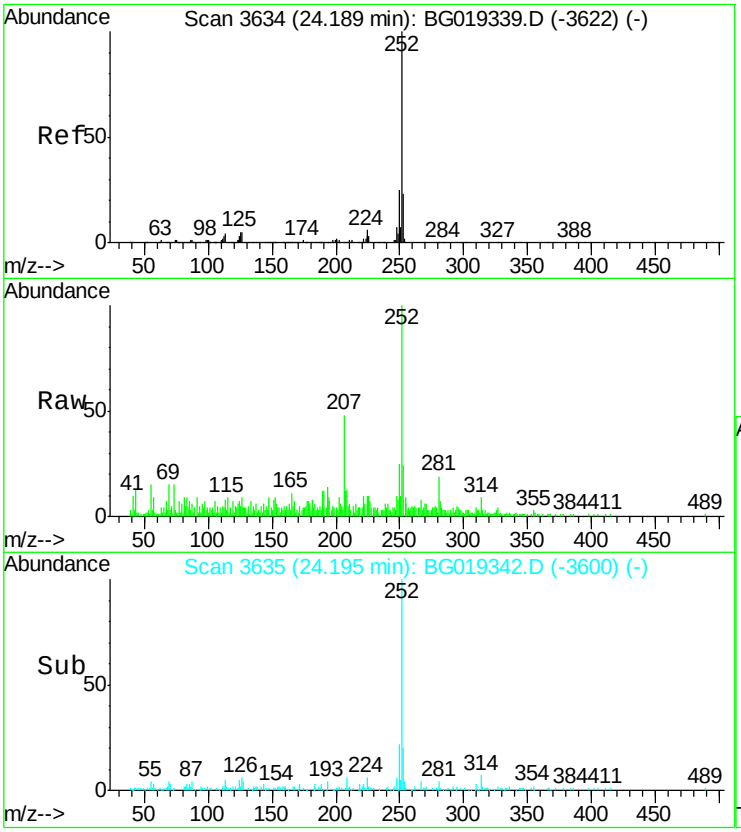


#85
Chrysene
Concen: 2.58 ng/ul
RT: 21.93 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Tgt Ion:228 Resp: 59761

Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.6	36.8
229	26.6	17.3	25.9#



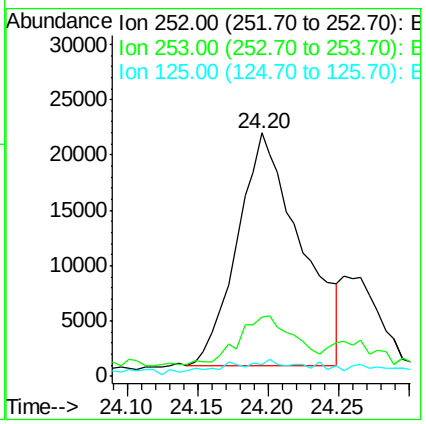


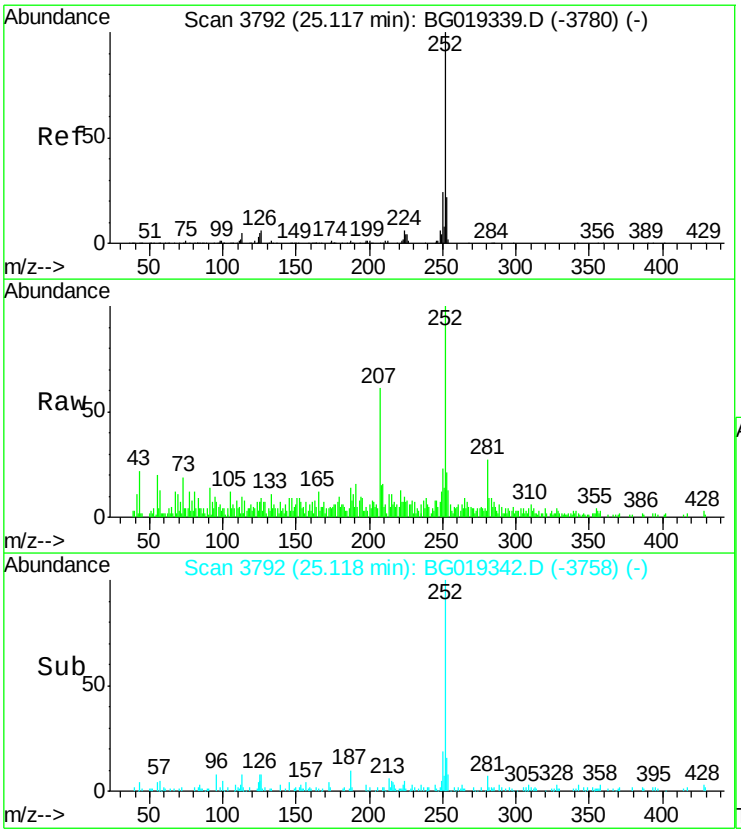
#88
Benzo(b)fluoranthene
Concen: 2.57 ng/ul
RT: 24.20 min Scan# 3635
Delta R.T. 0.01 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Instrument :
BNA_G
ClientSampleId :
E5LR8MSD

Tgt Ion:252 Resp: 66053

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	4.9	2.5	3.7#





#91
Benzo(a)pyrene
Concen: 1.63 ng/ul
RT: 25.12 min Scan# 3792
Delta R.T. 0.00 min
Lab File: BG019342.D
Acq: 24 Oct 2015 19:07

Tgt Ion:252 Resp: 38891

Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.0	24.0
125	14.2	3.3	4.9#