Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\
Data File : BG028340.D
Acq On : 15 Aug 2017 12:12
Operator : SJ/JU
Sample : I4504-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA8

Quant Time: Aug 16 01:25:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 16 01:22:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	51091	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	233323	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	153228	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	343315	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	404328	20.00	ng/ul	0.00
83) Perylene-d12	25.59	264	383859	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	2444	2.23	ng/uL	0.00
5) Phenol-d5	7.52	99	86442	15.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	51060	14.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	60178	17.00	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	73719	15.72	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	31380	17.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	37402	18.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	74930	18.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	1022	0.22	ng/ul	-0.17
43) Dimethylphthalate-d6	14.36	166	229954	16.87	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	264285	17.20	ng/ul	0.00
51) 4-Nitrophenol-d4	15.20	143	31432	14.51	ng/ul	0.04
57) Fluorene-d10	15.96	176	193705	15.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	41357	18.54	ng/ul	0.01
70) Anthracene-d10	17.82	188	321340	19.52	ng/ul	0.00
76) Pyrene-d10	20.09	212	359202	17.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.34	264	331955	18.47	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.54	94	9062	1.625	ng/ul	94
16) 4-Methylphenol	9.13	108	8062	1.814	ng/ul	86
24) 2,4-Dimethylphenol	10.33	107	17683	3.523	ng/ul	94
34) 2-Methylnaphthalene	12.81	142	20578	2.217	ng/ul	94
44) Dimethylphthalate	14.40	163	60202	4.798	ng/ul	99
49) Acenaphthene	15.03	153	15599	1.574	ng/ul#	82
50) 2,4-Dinitrophenol	15.10	184	4105	2.812	ng/ul#	1
53) Dibenzofuran	15.36	168	22478	1.556	ng/ul	97
54) 2,4-Dinitrotoluene	15.33	165	4272	1.088	ng/ul#	41
58) Fluorene	16.01	166	26999	2.111	ng/ul#	93
67) Atrazine	17.17	200	10154	2.579	ng/ul#	14
69) Phenanthrene	17.76	178	127635	7.387	ng/ul	93
71) Anthracene	17.76	178	127635	7.228	ng/ul	93
74) Fluoranthene	19.76	202	76383	3.638	ng/ul#	94
77) Pyrene	20.12	202	141777	5.877	ng/ul#	95
80) Benzo(a)anthracene	22.04	228	56863	2.434	ng/ul#	73
82) Chrysene	22.11	228	55654	2.645	ng/ul#	70
85) Benzo(b)fluoranthene	24.46	252	51711	2.251	ng/ul#	48
86) Benzo(k)fluoranthene	24.46	252	51711	2.305	ng/ul#	51
88) Benzo(a)pyrene	25.42	252	34444	1.549	ng/ul#	74

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\
Data File : BG028340.D
Acq On : 15 Aug 2017 12:12
Operator : SJ/JU
Sample : I4504-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA8

Quant Time: Aug 16 01:25:23 2017
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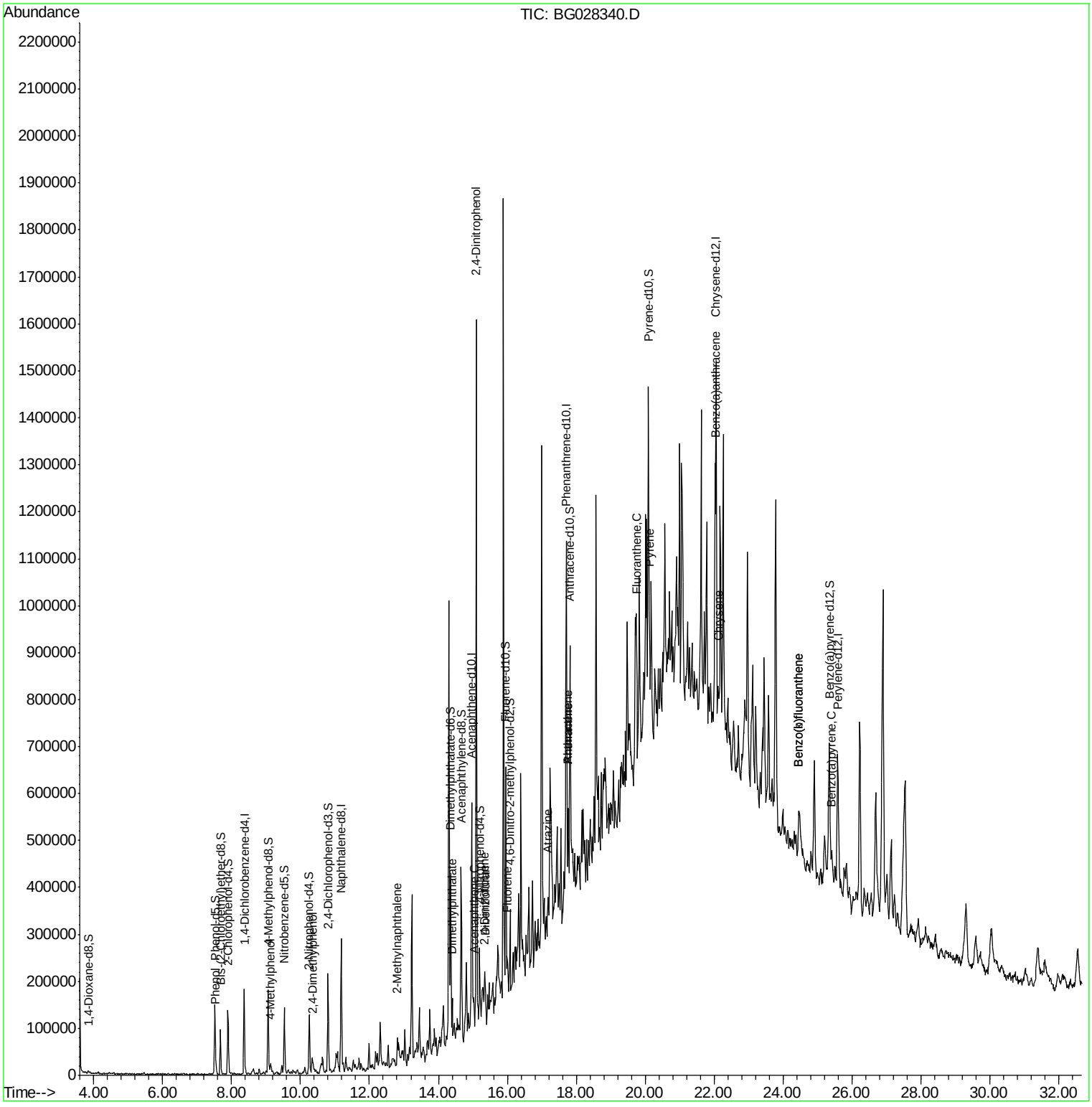
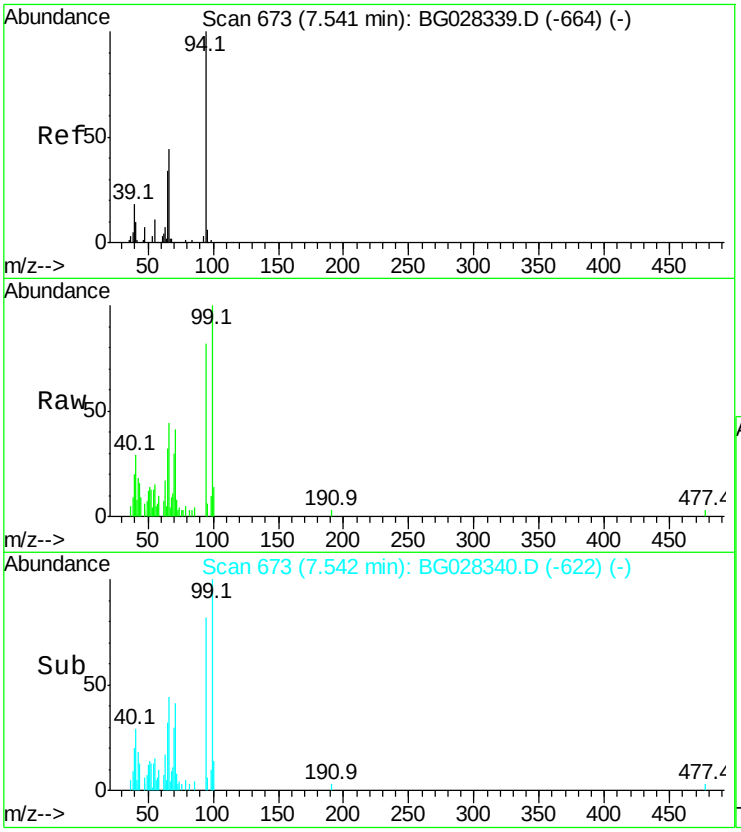
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 16 01:22:31 2017
Response via : Initial Calibration



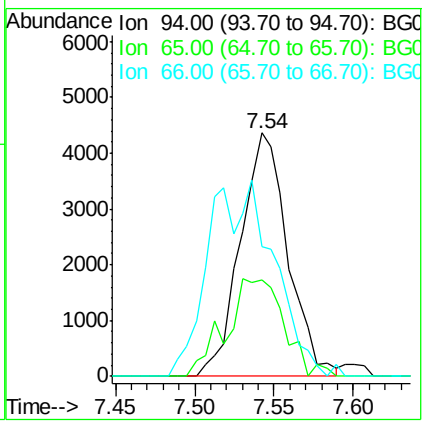


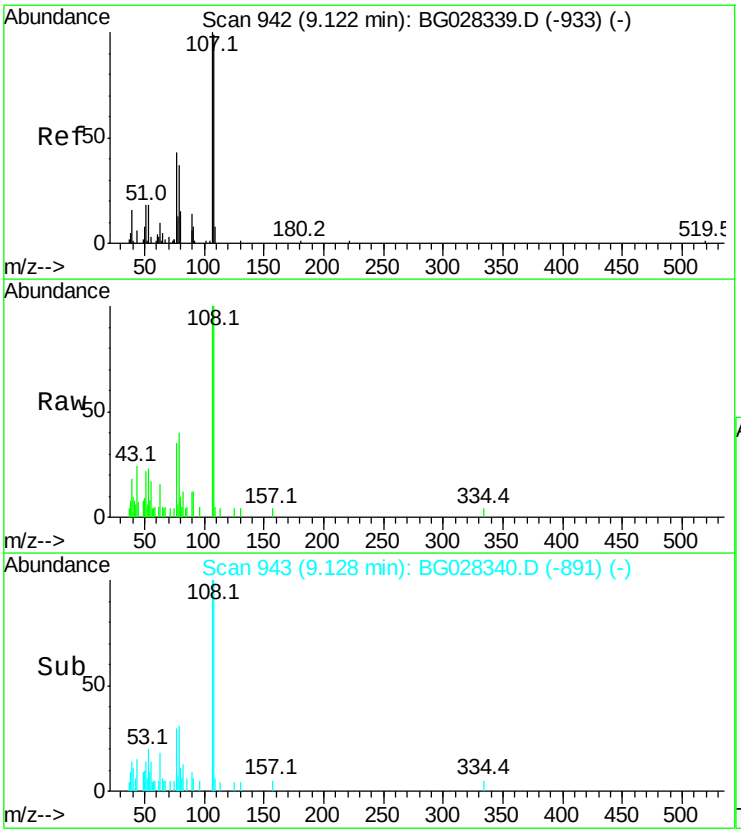
#6
Phenol
Concen: 1.625 ng/ul
RT: 7.54 min Scan# 673
Delta R.T. 0.00 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Instrument :
BNA_G
ClientSampleId :
C0AA8

Tgt Ion: 94 Resp: 9062

Ion	Ratio	Lower	Upper
94	100		
65	39.4	26.8	40.2
66	53.2	44.4	66.6

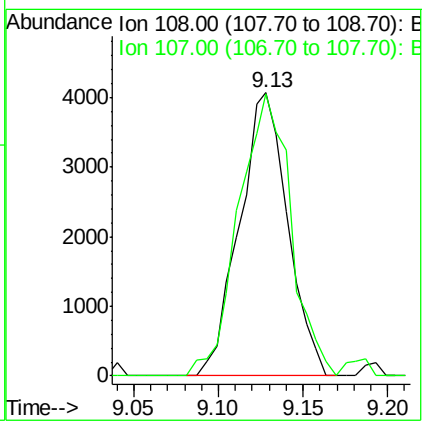


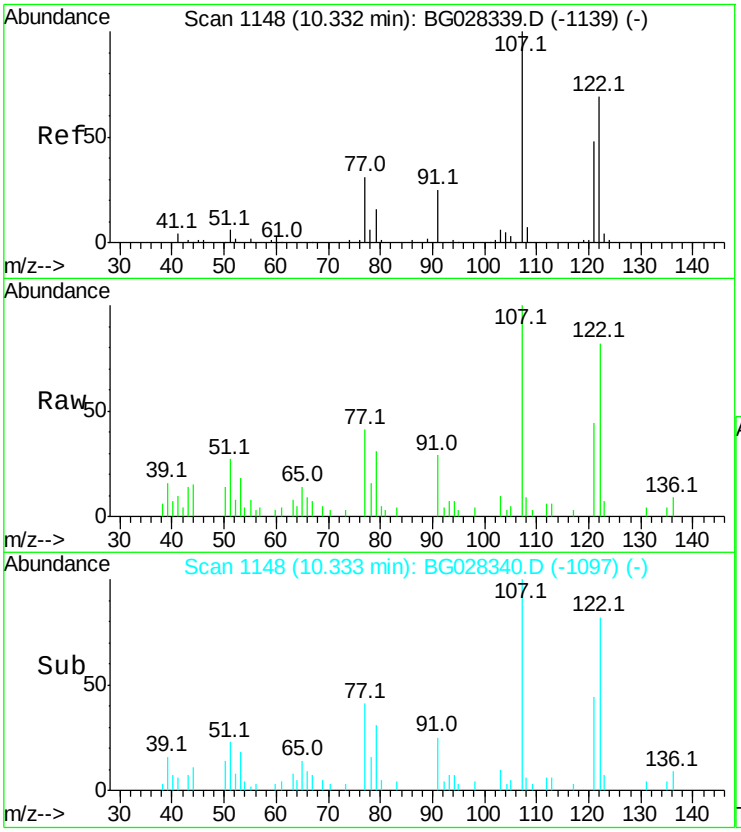


#16
4-Methylphenol
Concen: 1.814 ng/ul
RT: 9.13 min Scan# 943
Delta R.T. 0.01 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Tgt Ion:108 Resp: 8062

Ion	Ratio	Lower	Upper
108	100		
107	99.6	91.7	137.5



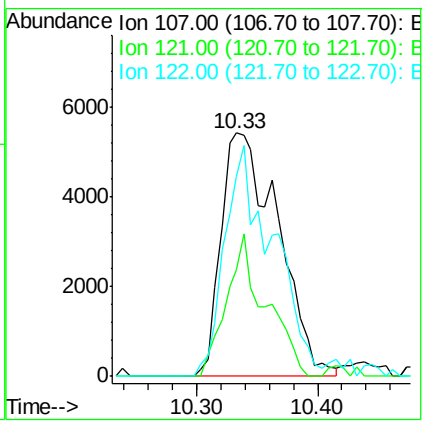


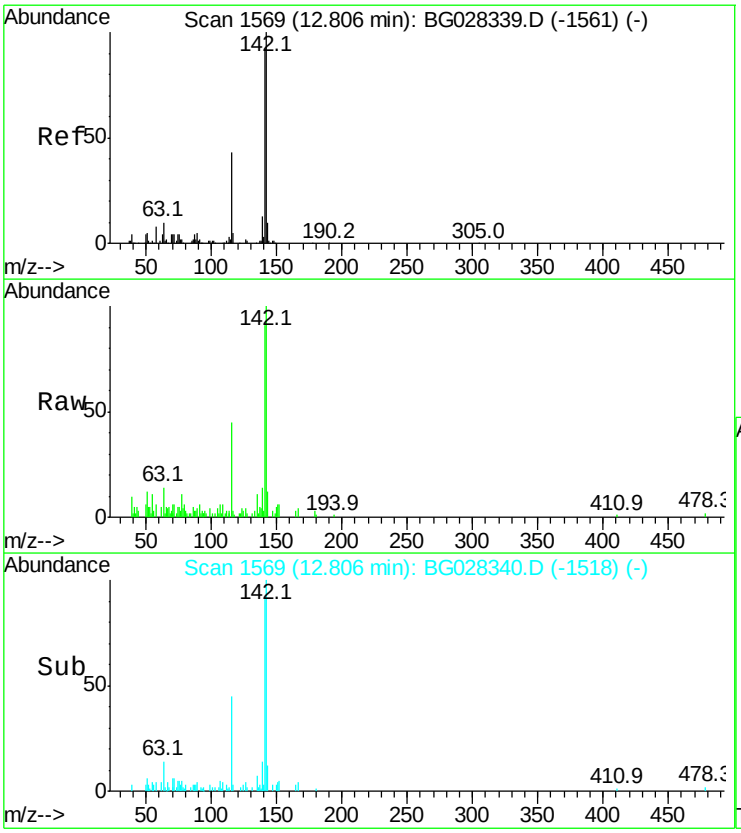
#24
2,4-Dimethylphenol
Concen: 3.523 ng/ul
RT: 10.33 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Instrument :
BNA_G
ClientSampleId :
C0AA8

Tgt Ion:107 Resp: 17683

Ion	Ratio	Lower	Upper
107	100		
121	43.9	32.3	48.5
122	82.3	61.2	91.8

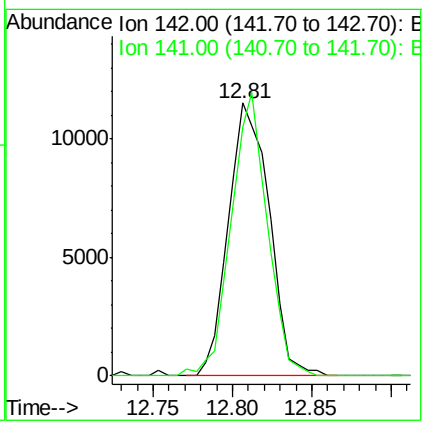


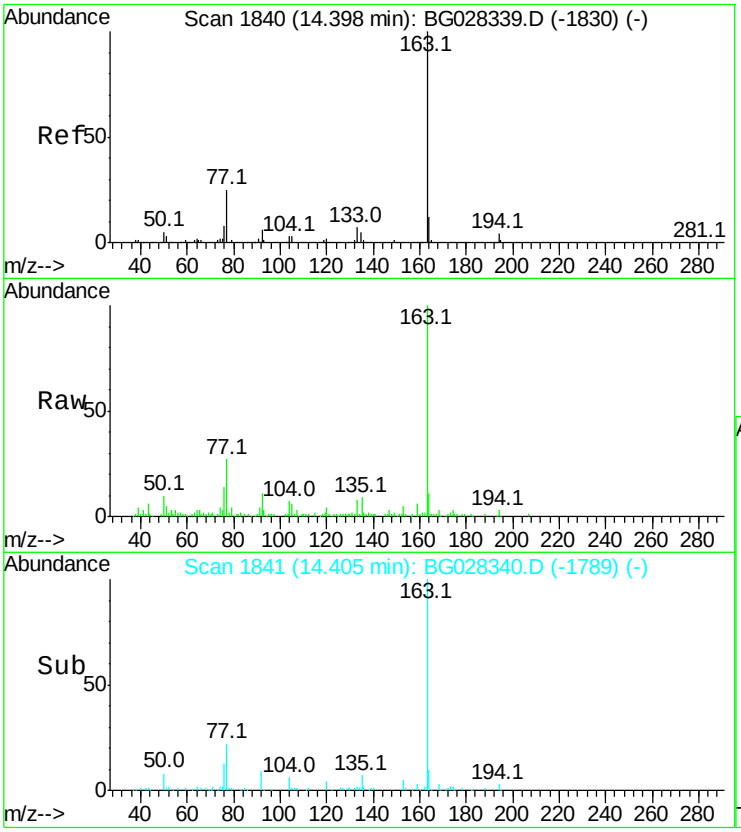


#34
2-Methylnaphthalene
Concen: 2.217 ng/ul
RT: 12.81 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Tgt Ion:142 Resp: 20578

Ion	Ratio	Lower	Upper
142	100		
141	91.4	68.6	102.8



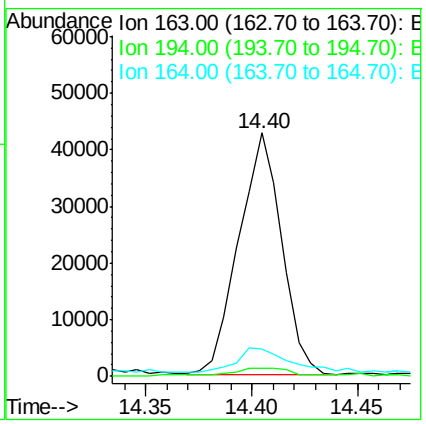


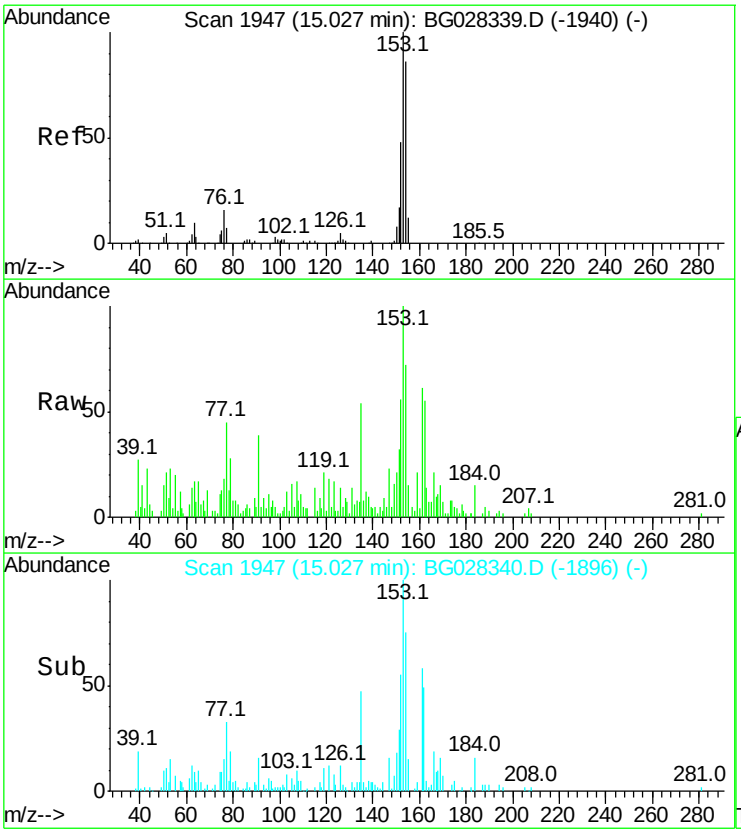
#44
Dimethylphthalate
Concen: 4.798 ng/ul
RT: 14.40 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Instrument :
BNA_G
ClientSampleId :
C0AA8

Tgt Ion:163 Resp: 60202

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.4	5.0
164	11.0	9.0	13.4

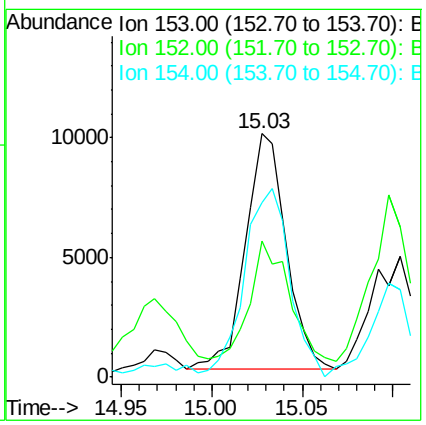


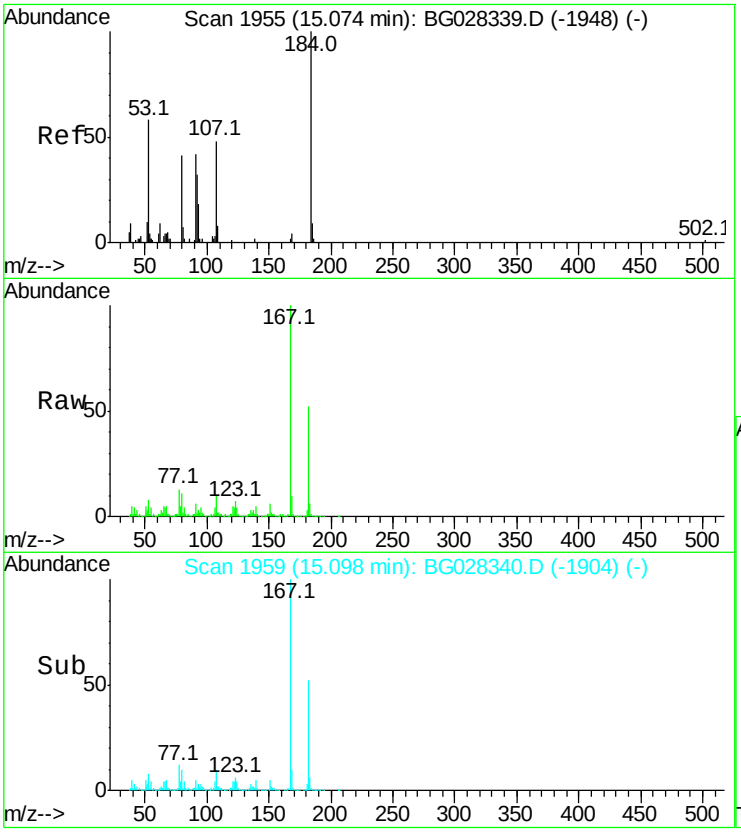


#49
Acenaphthene
Concen: 1.574 ng/ul
RT: 15.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Tgt Ion:153 Resp: 15599

Ion	Ratio	Lower	Upper
153	100		
152	56.0	36.5	54.7#
154	71.7	72.3	108.5#



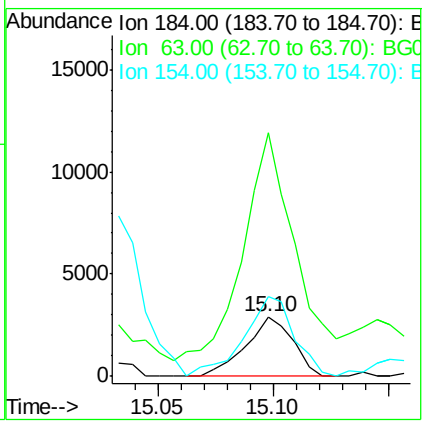


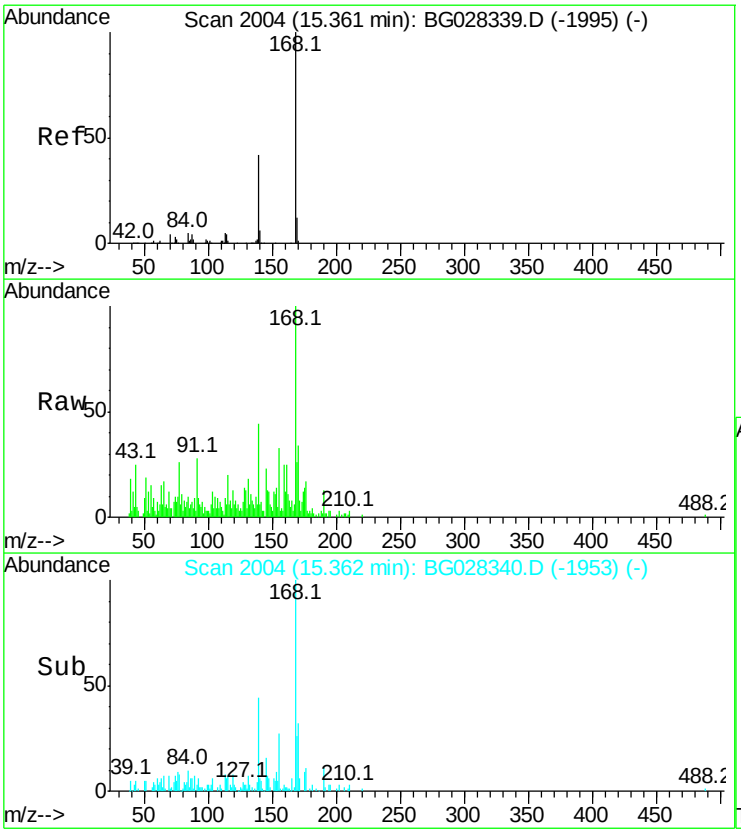
#50
2,4-Dinitrophenol
Concen: 2.812 ng/ul
RT: 15.10 min Scan# 1959
Delta R.T. 0.02 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Instrument :
BNA_G
ClientSampleId :
C0AA8

Tgt Ion:184 Resp: 4105

Ion	Ratio	Lower	Upper
184	100		
63	407.2	65.1	97.7#
154	133.4	68.2	102.4#

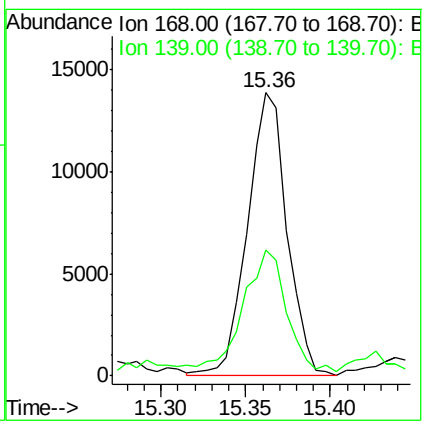


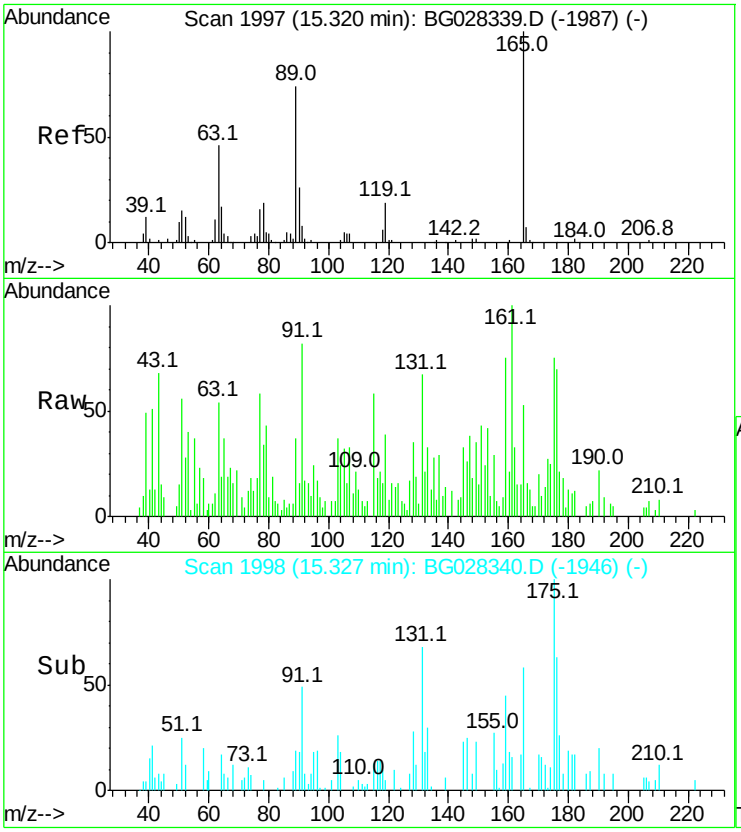


#53
Dibenzofuran
Concen: 1.556 ng/ul
RT: 15.36 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Tgt Ion:168 Resp: 22478

Ion	Ratio	Lower	Upper
168	100		
139	44.4	33.8	50.8



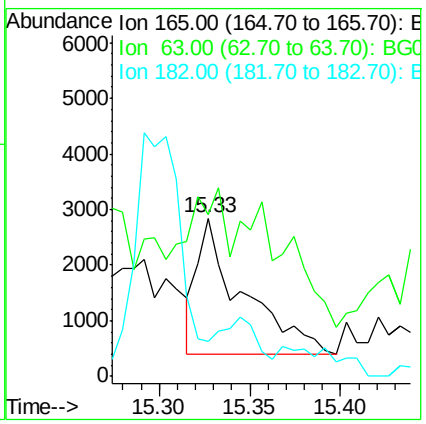


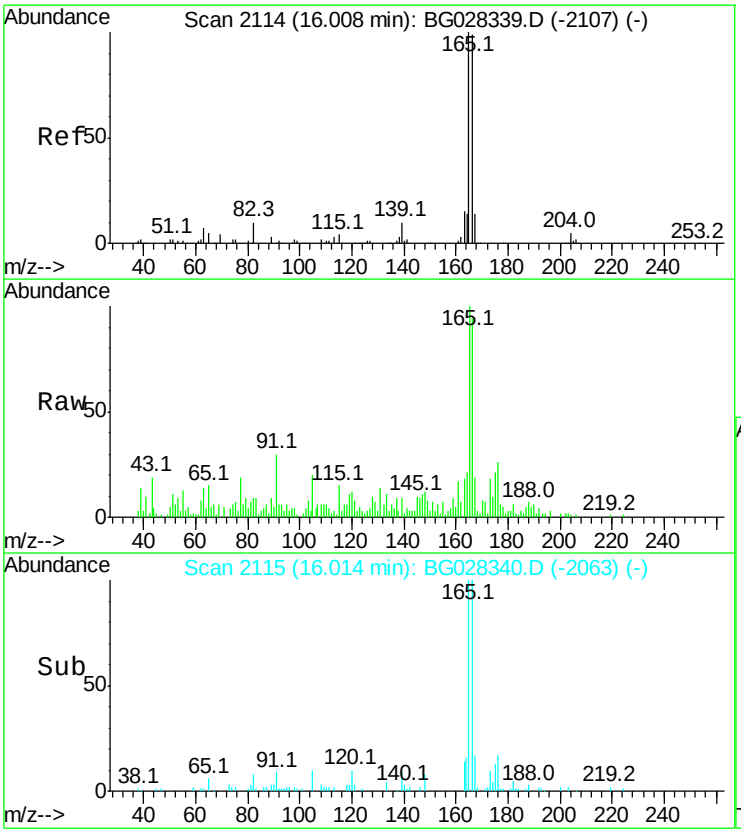
#54
2,4-Dinitrotoluene
Concen: 1.088 ng/ul
RT: 15.33 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Instrument :
BNA_G
ClientSampleId :
C0AA8

Tgt Ion:165 Resp: 4272

Ion	Ratio	Lower	Upper
165	100		
63	102.3	46.8	70.2#
182	21.9	1.8	2.6#

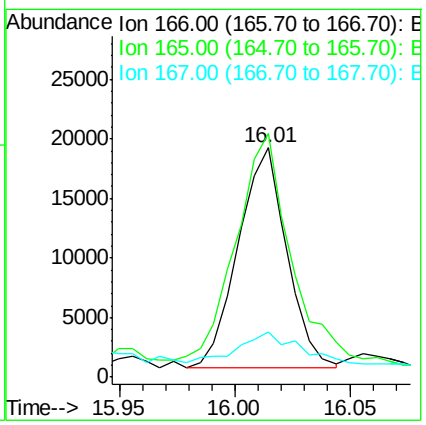


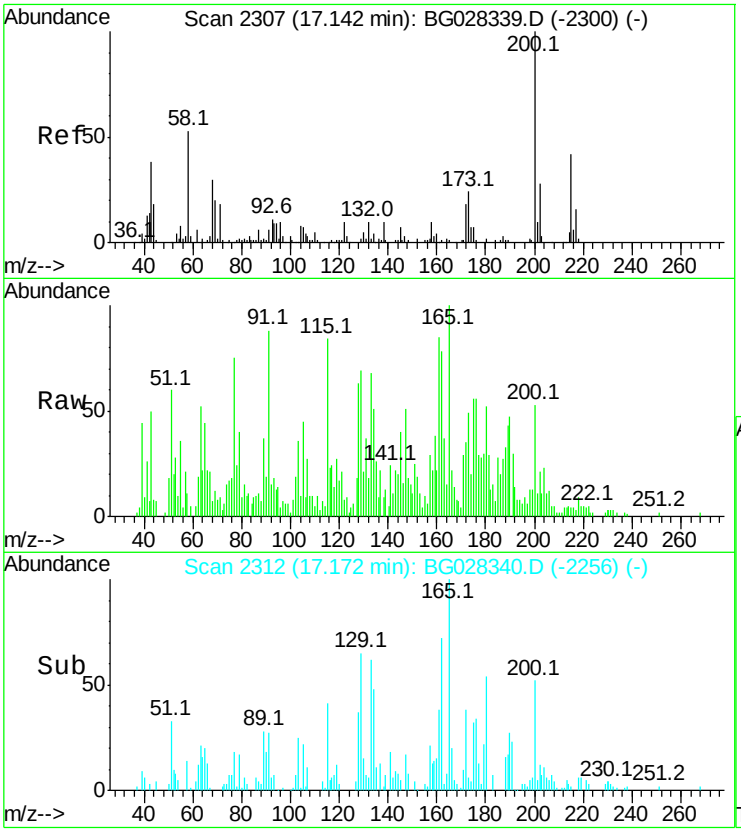


#58
Fluorene
Concen: 2.111 ng/ul
RT: 16.01 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Tgt Ion:166 Resp: 26999

Ion	Ratio	Lower	Upper
166	100		
165	106.2	79.7	119.5
167	19.9	11.4	17.2#



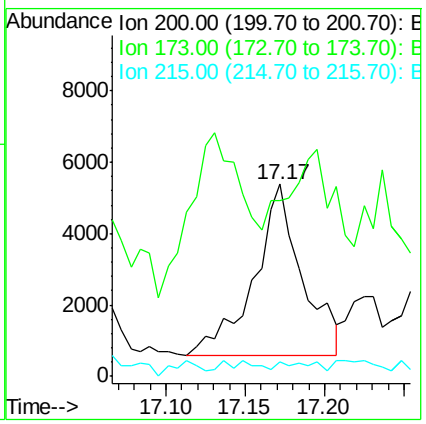


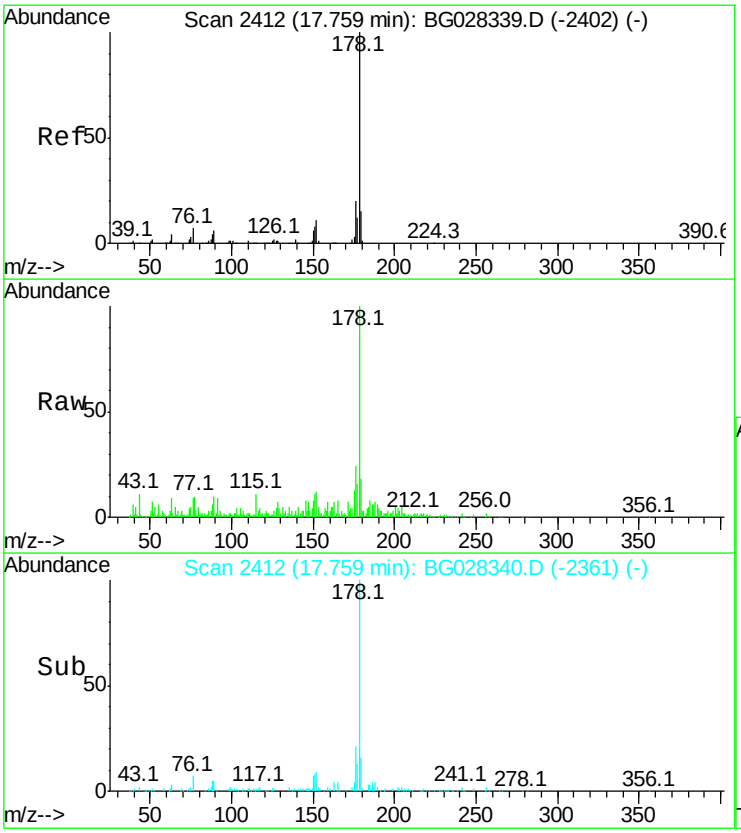
#67
Atrazine
Concen: 2.579 ng/ul
RT: 17.17 min Scan# 2312
Delta R.T. 0.03 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Instrument :
BNA_G
ClientSampleId :
C0AA8

Tgt Ion:200 Resp: 10154

Ion	Ratio	Lower	Upper
200	100		
173	91.6	19.2	28.8#
215	7.5	40.3	60.5#

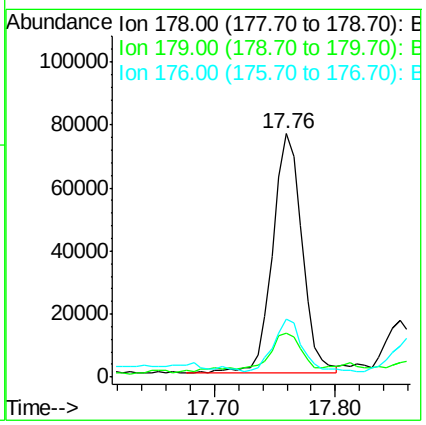


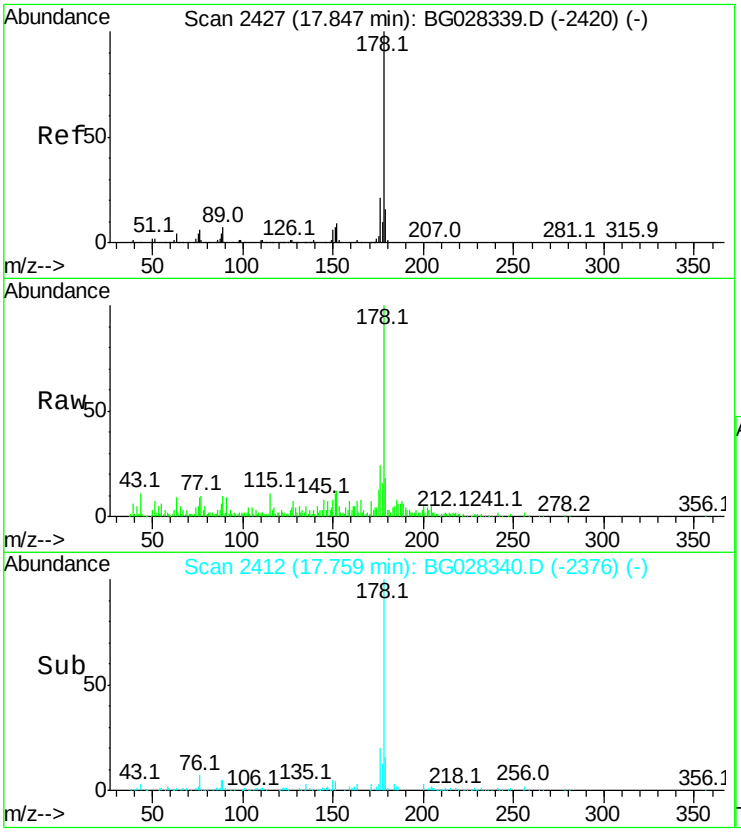


#69
Phenanthrene
Concen: 7.387 ng/ul
RT: 17.76 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Tgt Ion:178 Resp: 127635

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.4	18.6
176	23.8	16.5	24.7



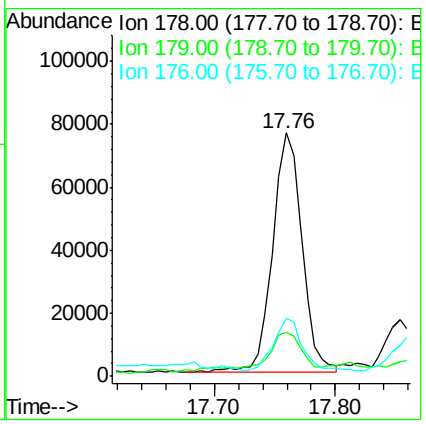


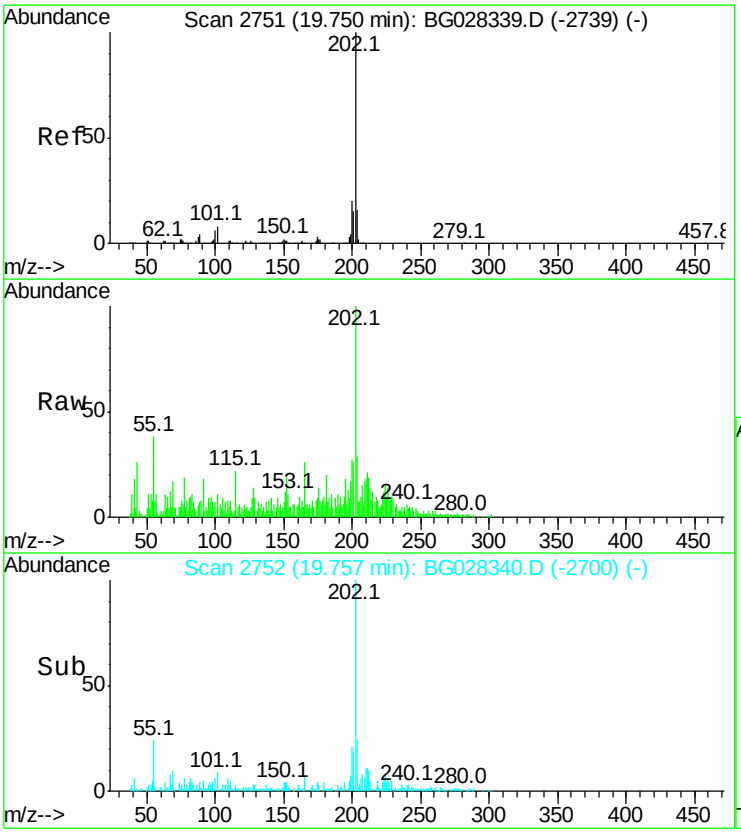
#71
Anthracene
Concen: 7.228 ng/ul
RT: 17.76 min Scan# 2412
Delta R.T. -0.09 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Instrument :
BNA_G
ClientSampleId :
C0AA8

Tgt Ion:178 Resp: 127635

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.6	19.0
176	23.8	15.9	23.9

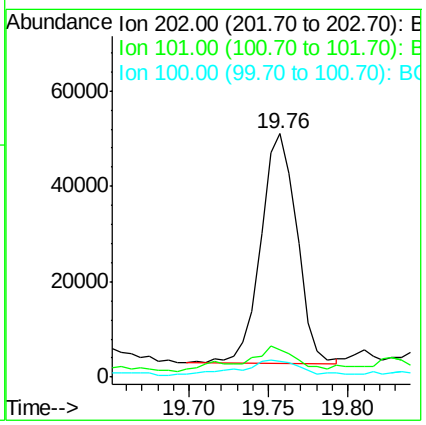


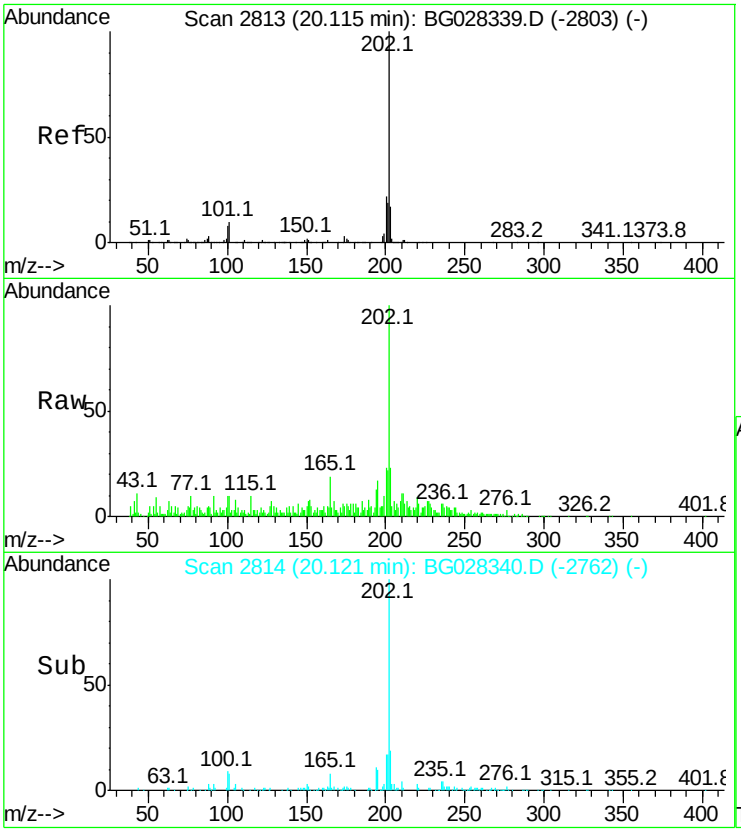


#74
Fluoranthene
Concen: 3.638 ng/ul
RT: 19.76 min Scan# 2752
Delta R.T. 0.01 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Tgt Ion:202 Resp: 76383

Ion	Ratio	Lower	Upper
202	100		
101	11.3	6.2	9.2#
100	6.5	5.2	7.8



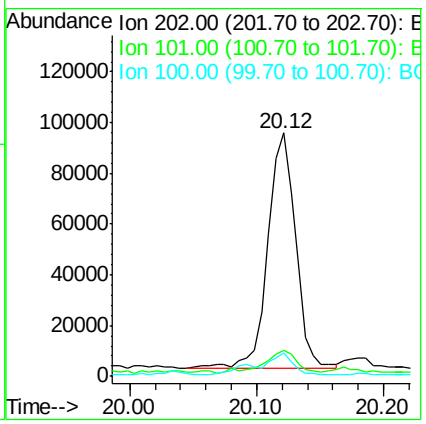


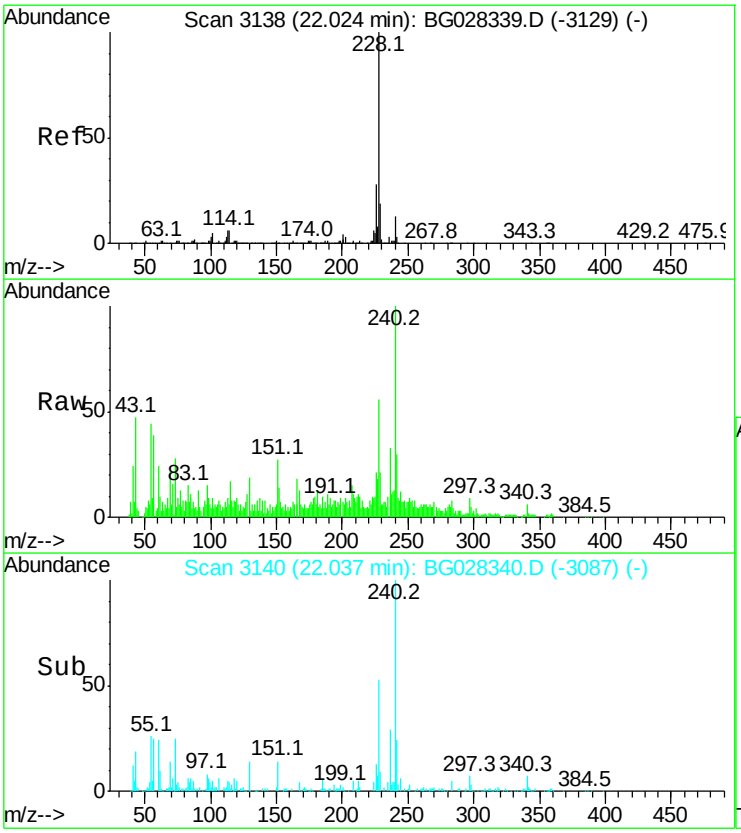
#77
Pyrene
Concen: 5.877 ng/ul
RT: 20.12 min Scan# 2814
Delta R.T. 0.01 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Instrument :
BNA_G
ClientSampleId :
C0AA8

Tgt Ion:202 Resp: 141777

Ion	Ratio	Lower	Upper
202	100		
101	10.4	6.9	10.3#
100	9.7	6.6	10.0

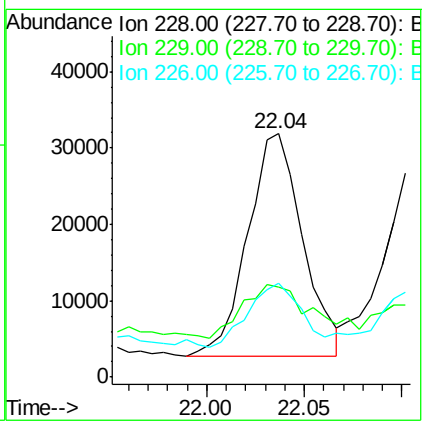


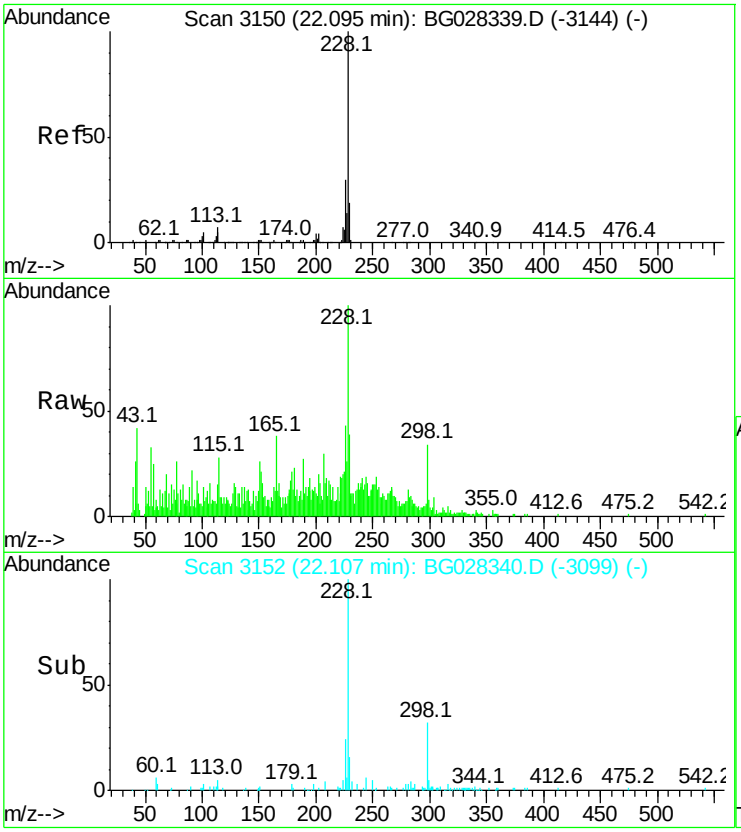


#80
Benzo(a)anthracene
Concen: 2.434 ng/ul
RT: 22.04 min Scan# 3140
Delta R.T. 0.01 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Tgt Ion:228 Resp: 56863

Ion	Ratio	Lower	Upper
228	100		
229	37.0	16.3	24.5#
226	38.4	21.9	32.9#



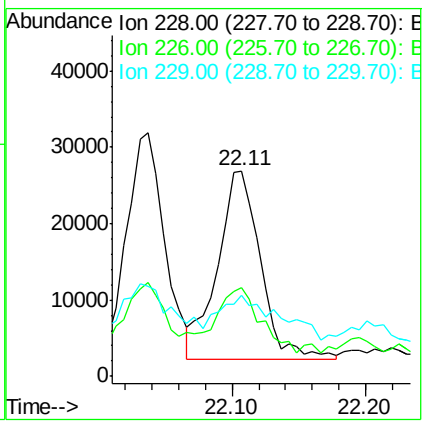


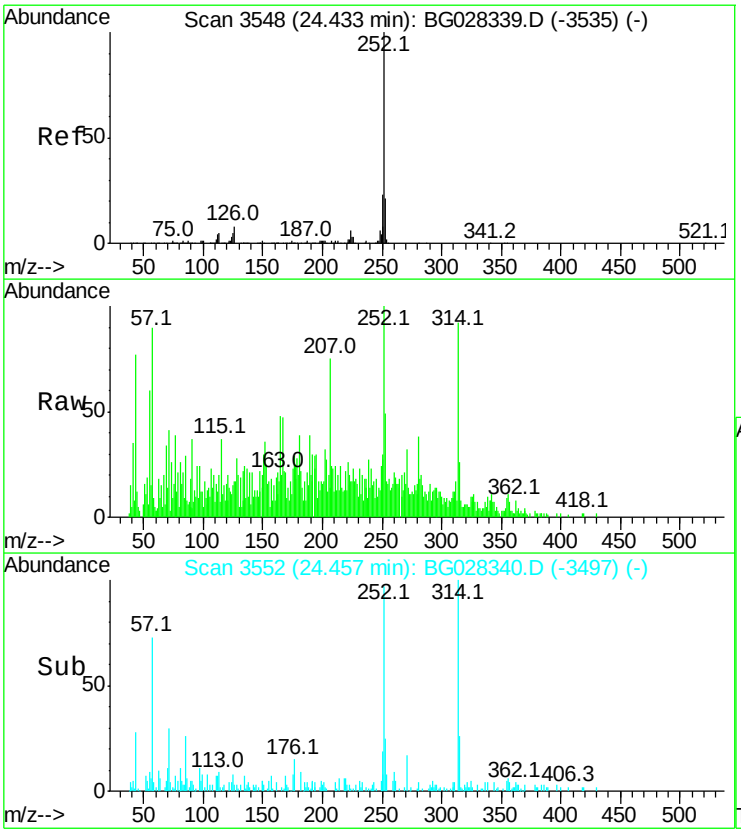
#82
Chrysene
Concen: 2.645 ng/ul
RT: 22.11 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Instrument :
BNA_G
ClientSampleId :
C0AA8

Tgt Ion:228 Resp: 55654

Ion	Ratio	Lower	Upper
228	100		
226	43.3	24.0	36.0#
229	39.2	16.9	25.3#

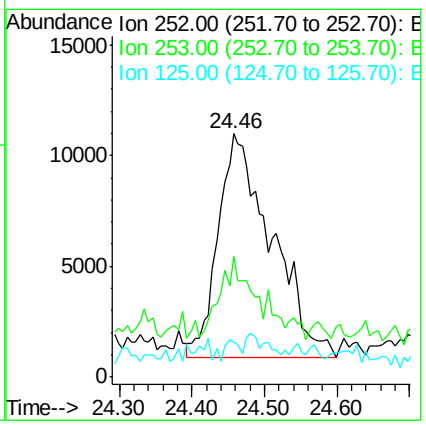


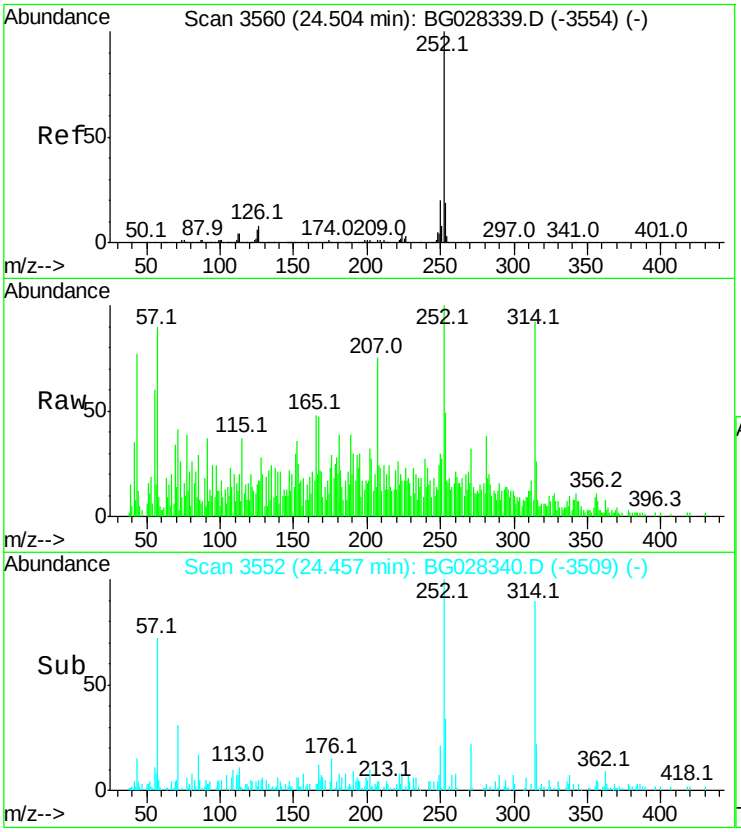


#85
Benzo(b)fluoranthene
Concen: 2.251 ng/ul
RT: 24.46 min Scan# 3552
Delta R.T. 0.02 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Tgt Ion:252 Resp: 51711

Ion	Ratio	Lower	Upper
252	100		
253	49.3	17.7	26.5#
125	14.6	4.0	6.0#



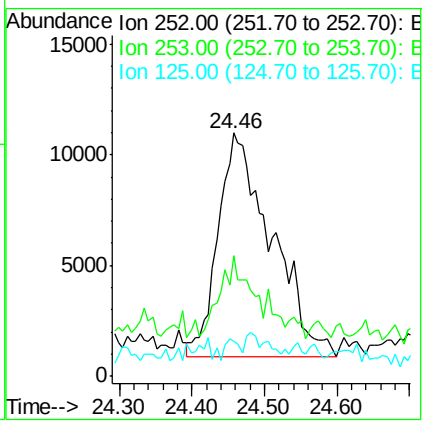


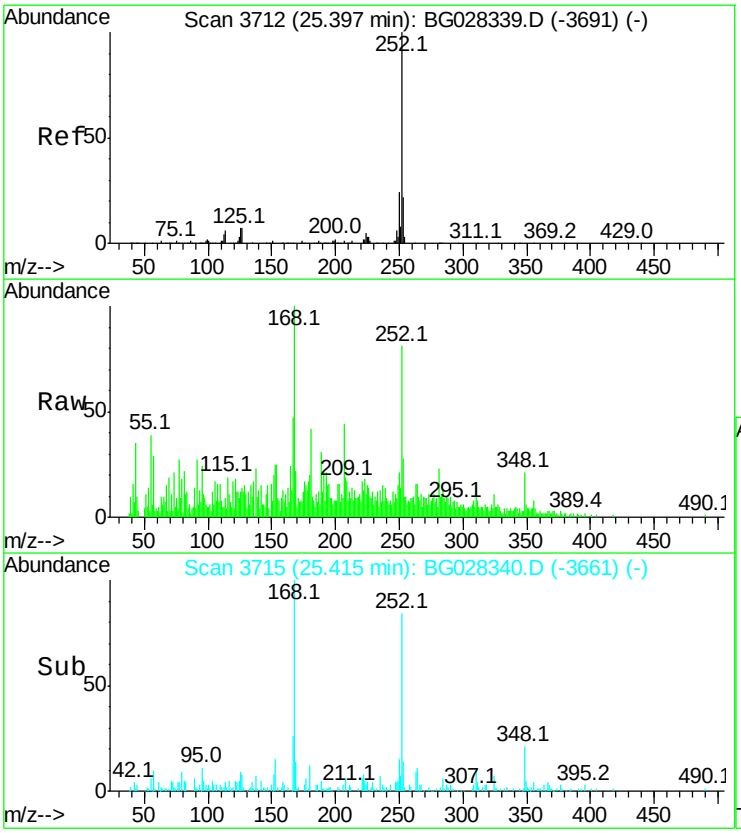
#86
Benzo(k)fluoranthene
Concen: 2.305 ng/ul
RT: 24.46 min Scan# 3552
Delta R.T. -0.05 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Instrument :
BNA_G
ClientSampleId :
C0AA8

Tgt Ion:252 Resp: 51711

Ion	Ratio	Lower	Upper
252	100		
253	49.3	18.5	27.7#
125	14.6	4.1	6.1#





#88
Benzo(a)pyrene
Concen: 1.549 ng/ul
RT: 25.42 min Scan# 3715
Delta R.T. 0.02 min
Lab File: BG028340.D
Acq: 15 Aug 2017 12:12

Tgt Ion:252 Resp: 34444

Ion	Ratio	Lower	Upper
252	100		
253	35.0	17.8	26.6#
125	15.2	5.4	8.0#