Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042093.D
Acq On : 9 Aug 2019 8:53
Operator : HP/JU
Sample : K4147-04MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 09 16:25:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	78424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	312413	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	219754	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	432592	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	459203	20.00	ng/ul	0.01
85) Perylene-d12	25.03	264	542261	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	8665	4.83	ng/uL	0.00
5) Phenol-d5	7.18	99	190305	30.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	97948	28.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	178937	34.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	170531	33.00	ng/ul	0.01
19) Nitrobenzene-d5	8.98	128	397	0.17	ng/ul	-0.21
22) 2-Nitrophenol-d4	9.93	143	111970	41.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	206886	37.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	244061	39.90	ng/ul	0.01
43) Dimethylphthalate-d6	14.10	166	568905	33.38	ng/ul	0.01
46) Acenaphthylene-d8	14.39	160	680359	34.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.92	143	90506	31.63	ng/ul	0.05
57) Fluorene-d10	15.69	176	572698	37.77	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.82	200	98316	35.42	ng/ul	0.02
70) Anthracene-d10	17.55	188	786589	37.90	ng/ul	0.01
78) Pyrene-d10	19.84	212	839262	32.75	ng/ul	0.01
89) Benzo(a)pyrene-d12	24.80	264	1036599	36.59	ng/ul	0.04
Target Compounds						Qvalue
4) Benzaldehyde	7.17	77	9402	3.233	ng/ul#	1
6) Phenol	7.21	94	217051	34.166	ng/ul	96
10) 2-Chlorophenol	7.59	128	187447	35.144	ng/ul	98
11) 2-Methylphenol	8.48	108	8890	1.745	ng/ul	96
14) Acetophenone	8.85	105	62558	7.872	ng/ul#	35
15) N-Nitroso-di-n-propylamine	8.84	70	133469	31.792	ng/ul	96
17) Hexachloroethane	9.15	117	24597	11.137	ng/ul#	1
24) 2,4-Dimethylphenol	10.02	107	34202	5.942	ng/ul	94
28) Naphthalene	10.90	128	355101	22.233	ng/ul	98
33) 4-Chloro-3-methylphenol	12.14	107	192325	35.710	ng/ul	98
34) 2-Methylnaphthalene	12.52	142	638279	50.280	ng/ul	99
40) 1,1'-Biphenyl	13.52	154	118495	7.416	ng/ul	96
42) 2-Nitroaniline	13.75	65	4096	1.217	ng/ul#	41
44) Dimethylphthalate	14.15	163	97539	5.764	ng/ul#	68
47) Acenaphthylene	14.42	152	38494	1.959	ng/ul#	46
48) 3-Nitroaniline	14.57	138	16012	5.455	ng/ul#	26
49) Acenaphthene	14.76	153	545357	39.692	ng/ul	97
52) 4-Nitrophenol	14.93	109	75552	35.627	ng/ul	95
53) Dibenzofuran	15.09	168	223077	10.879	ng/ul	94
54) 2,4-Dinitrotoluene	15.06	165	204481	38.207	ng/ul#	94
58) Fluorene	15.74	166	312834	18.940	ng/ul	99
60) 4-Nitroaniline	15.74	138	4117	1.259	ng/ul#	63
64) N-Nitrosodiphenylamine	15.95	169	67884	5.289	ng/ul#	77

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042093.D
Acq On : 9 Aug 2019 8:53
Operator : HP/JU
Sample : K4147-04MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 09 16:25:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Atrazine	16.89	200	12572	2.337	ng/ul#	1
68) Pentachlorophenol	17.11	266	152359	48.633	ng/ul	97
69) Phenanthrene	17.49	178	425972	17.987	ng/ul#	93
71) Anthracene	17.58	178	163331	6.800	ng/ul#	90
74) Carbazole	17.85	167	34311	1.724	ng/ul#	59
76) Fluoranthene	19.87	202	1245742	45.526	ng/ul	98
79) Pyrene	19.87	202	1245742	40.330	ng/ul	99
82) Benzo(a)anthracene	21.72	228	68231	2.143	ng/ul#	64
84) Chrysene	21.78	228	60249	2.027	ng/ul#	62
90) Benzo(a)pyrene	24.87	252	39495	1.218	ng/ul#	64

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
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Acq On : 9 Aug 2019 8:53
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Instrument :
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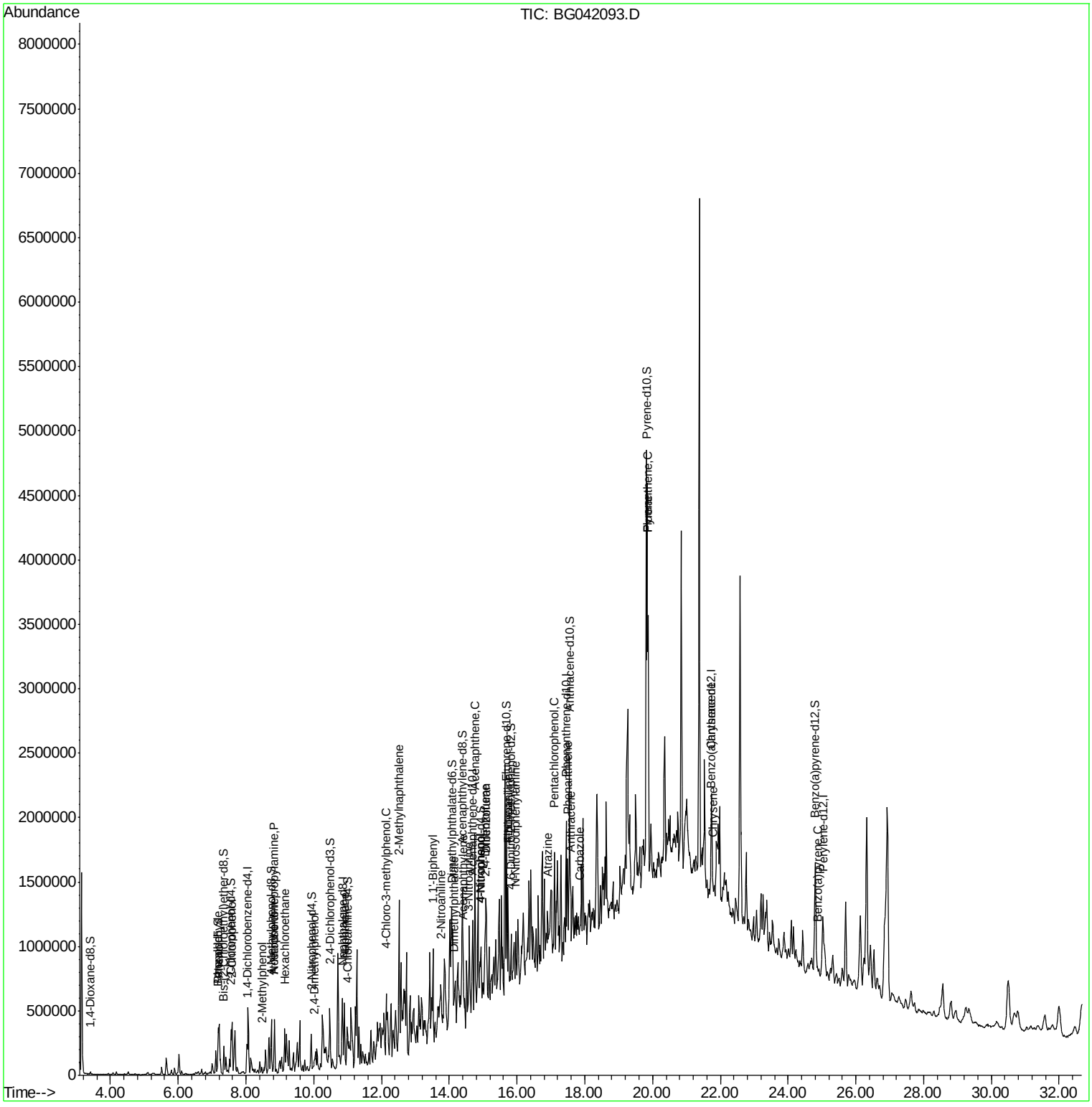
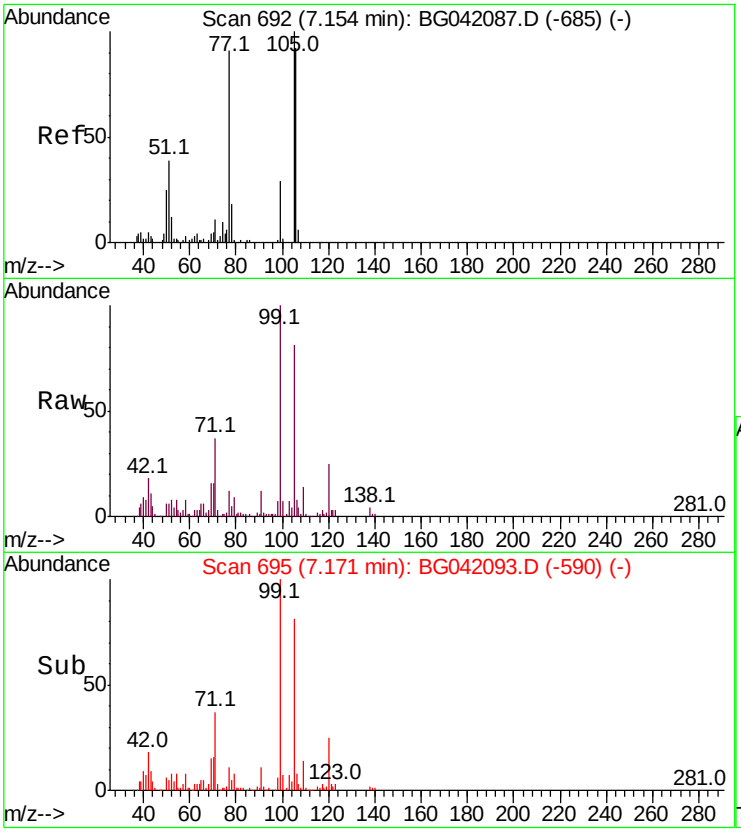
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration



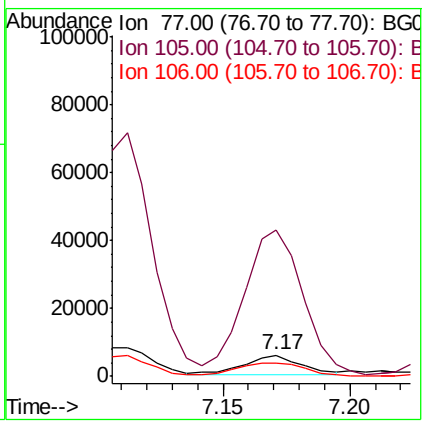


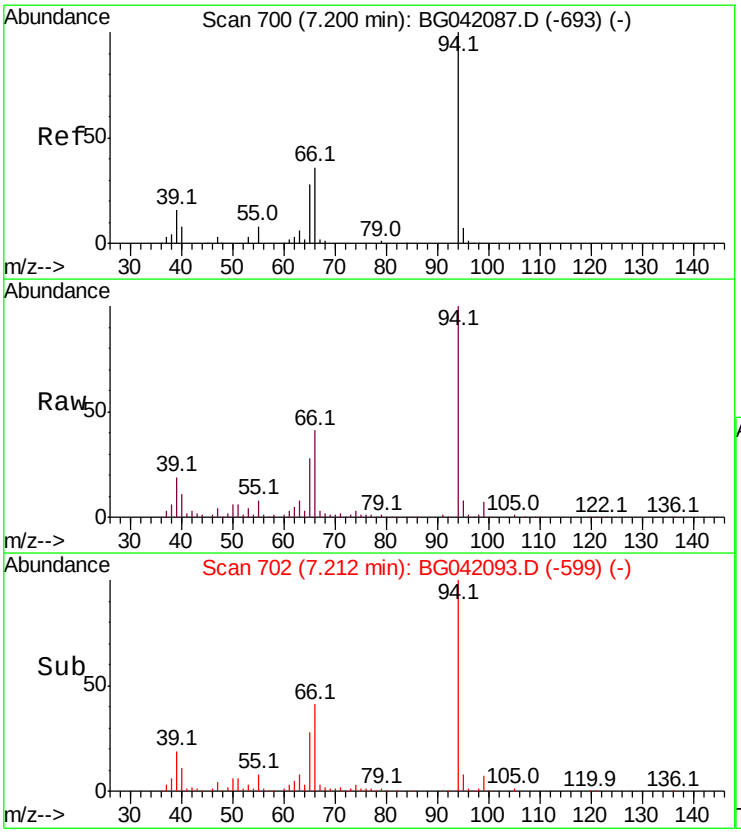
#4
Benzaldehyde
Concen: 3.233 ng/ul
RT: 7.17 min Scan# 695
Delta R.T. 0.02 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 9402

Ion	Ratio	Lower	Upper
77	100		
105	696.2	80.7	121.1#
106	65.4	76.3	114.5#

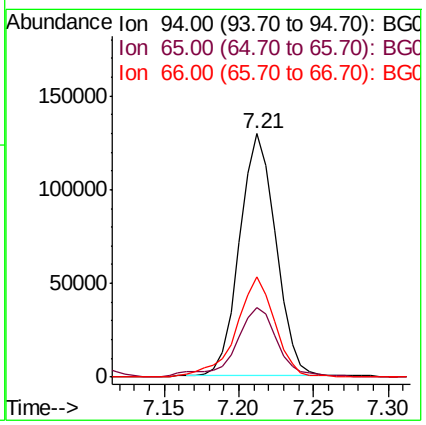


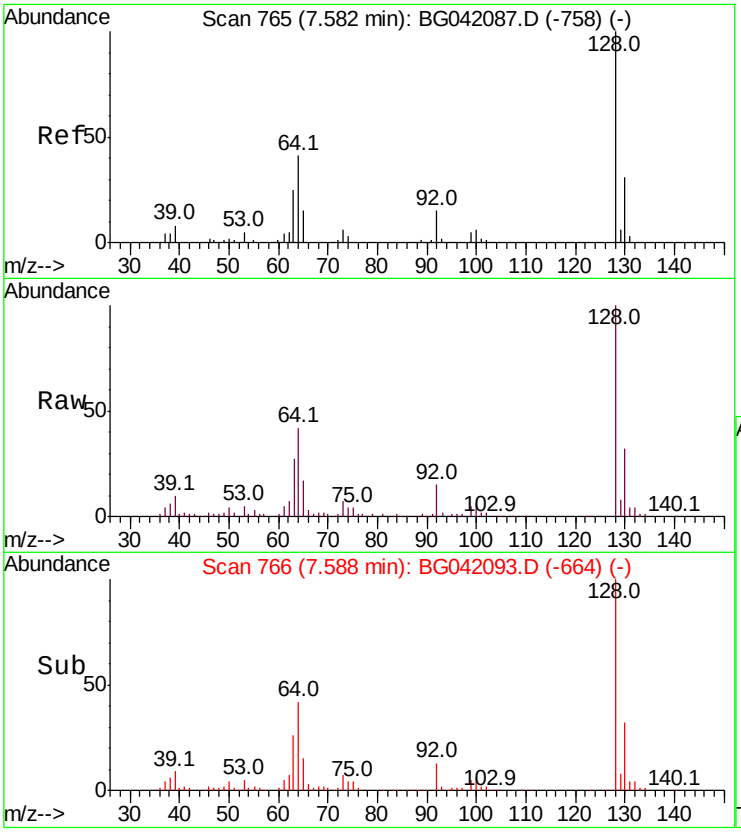


#6
Phenol
Concen: 34.166 ng/ul
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion: 94 Resp: 217051

Ion	Ratio	Lower	Upper
94	100		
65	28.5	25.8	38.6
66	41.0	31.8	47.8



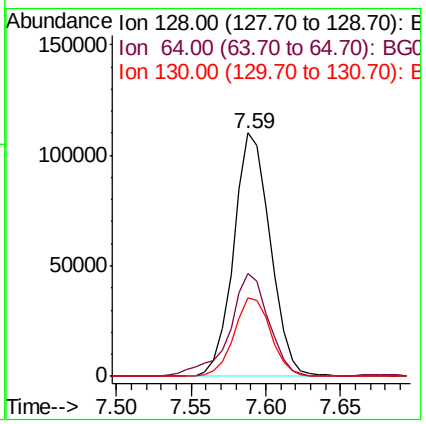


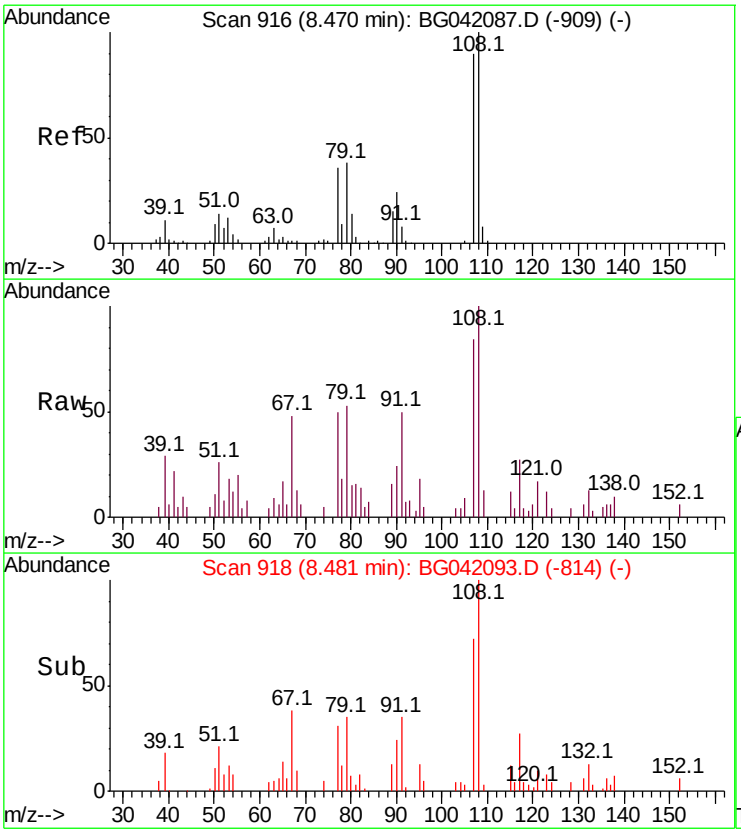
#10
2-Chlorophenol
Concen: 35.144 ng/ul
RT: 7.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 187447

Ion	Ratio	Lower	Upper
128	100		
64	42.4	35.5	53.3
130	32.3	26.2	39.4

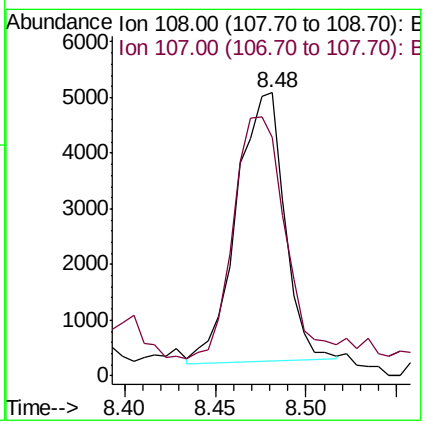


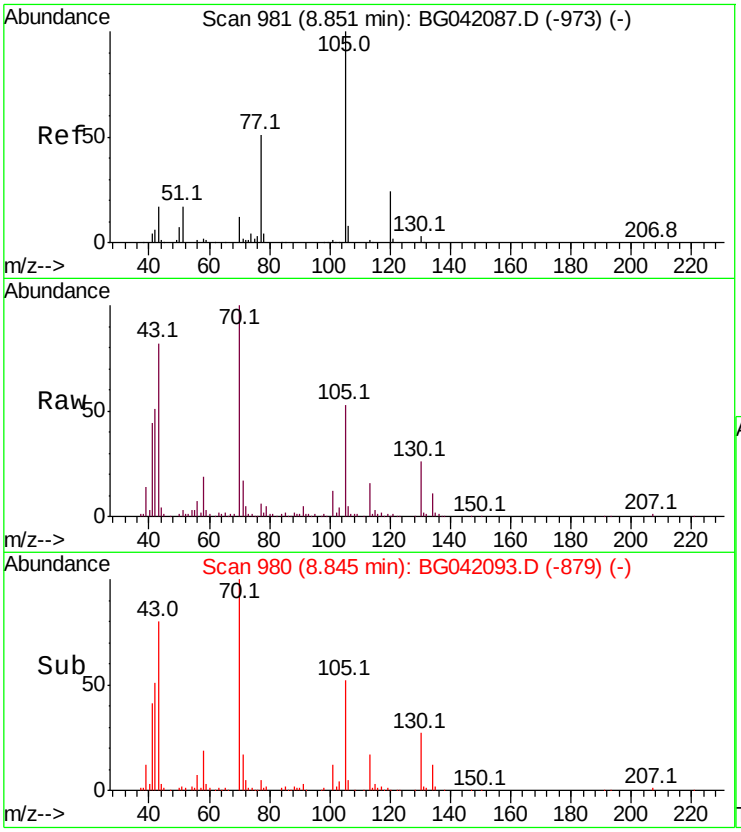


#11
2-Methylphenol
Concen: 1.745 ng/ul
RT: 8.48 min Scan# 918
Delta R.T. 0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion:108 Resp: 8890

Ion	Ratio	Lower	Upper
108	100		
107	84.1	69.9	104.9



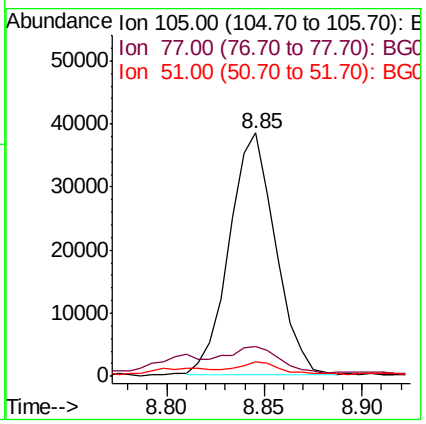


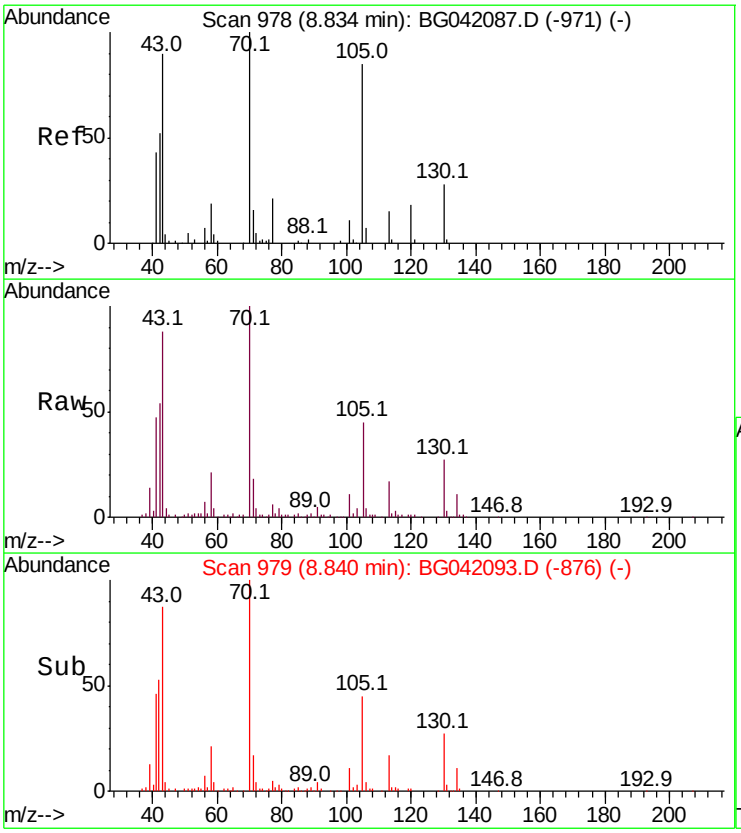
#14
Acetophenone
Concen: 7.872 ng/ul
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 62558

Ion	Ratio	Lower	Upper
105	100		
77	12.3	60.0	90.0#
51	6.0	22.1	33.1#

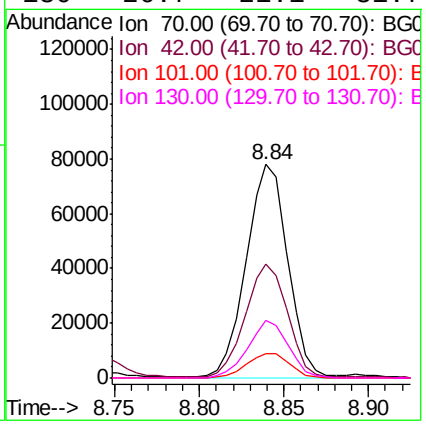


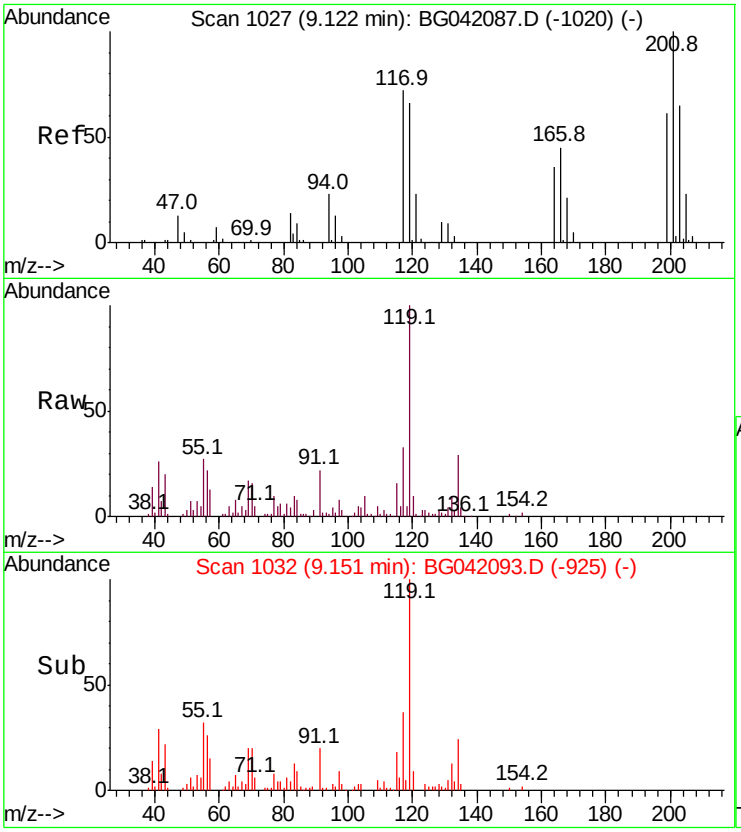


#15
N-Nitroso-di-n-propylamine
Concen: 31.792 ng/ul
RT: 8.84 min Scan# 979
Delta R.T. 0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion: 70 Resp: 133469

Ion	Ratio	Lower	Upper
70	100		
42	53.6	46.4	69.6
101	11.1	9.7	14.5
130	26.7	21.1	31.7



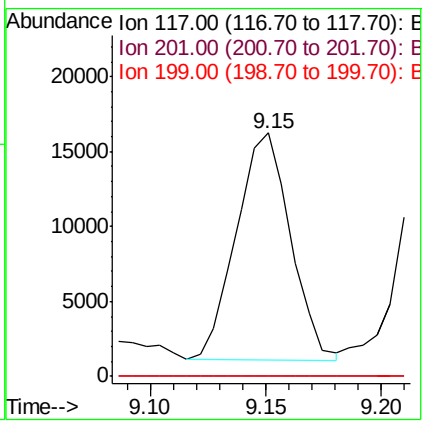


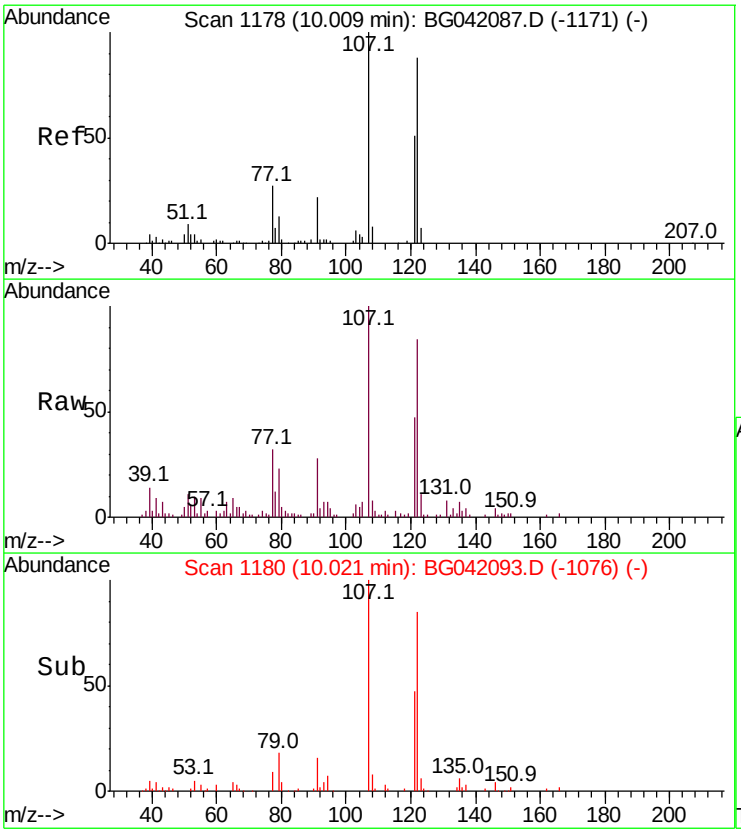
#17
Hexachloroethane
Concen: 11.137 ng/ul
RT: 9.15 min Scan# 1032
Delta R.T. 0.03 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:117 Resp: 24597

Ion	Ratio	Lower	Upper
117	100		
201	0.0	103.4	155.2#
199	0.0	62.9	94.3#

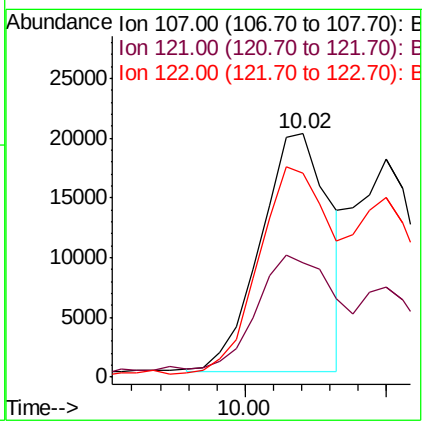


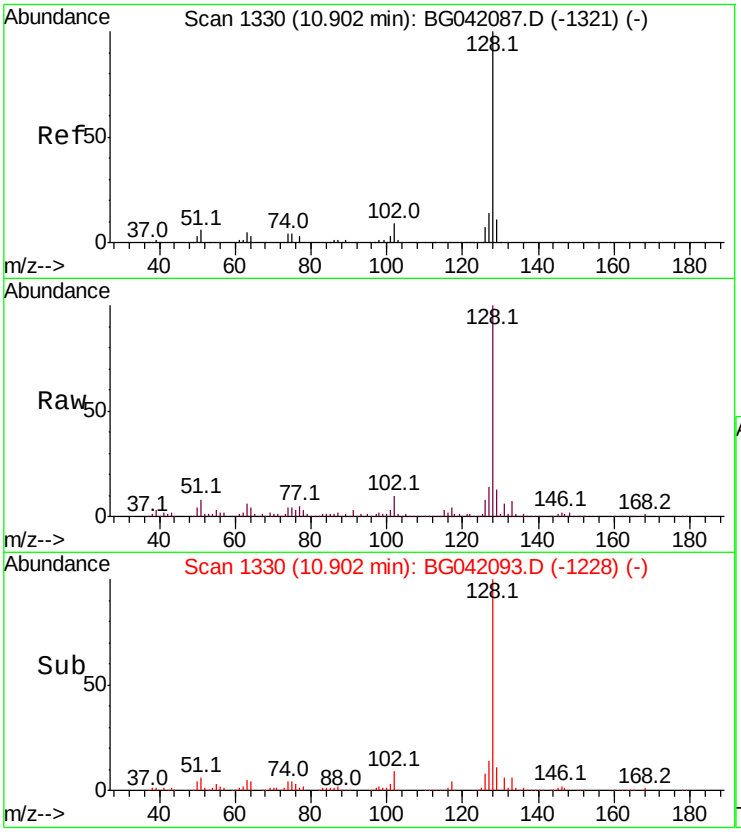


#24
2,4-Dimethylphenol
Concen: 5.942 ng/ul
RT: 10.02 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion:107 Resp: 34202

Ion	Ratio	Lower	Upper
107	100		
121	47.2	45.0	67.6
122	83.6	68.1	102.1



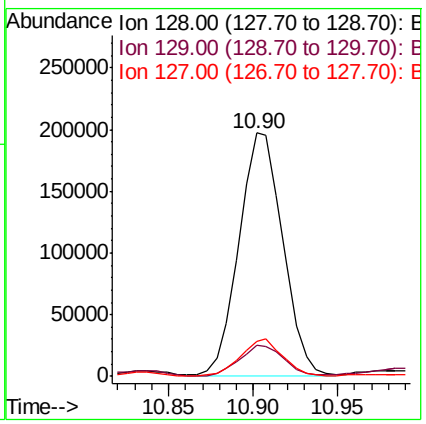


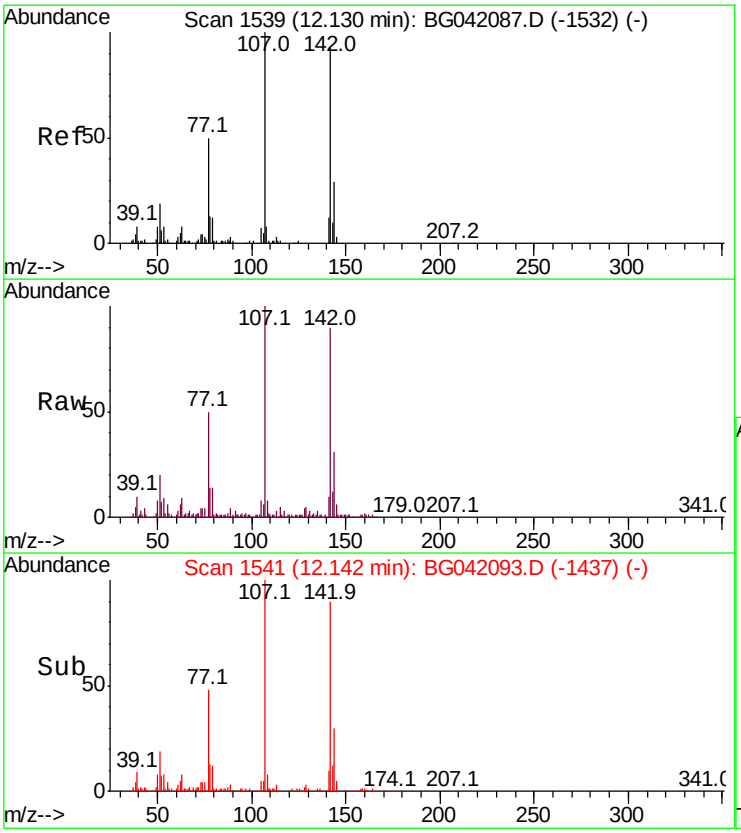
#28
Naphthalene
Concen: 22.233 ng/ul
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 355101

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.5	14.3
127	14.4	11.4	17.0

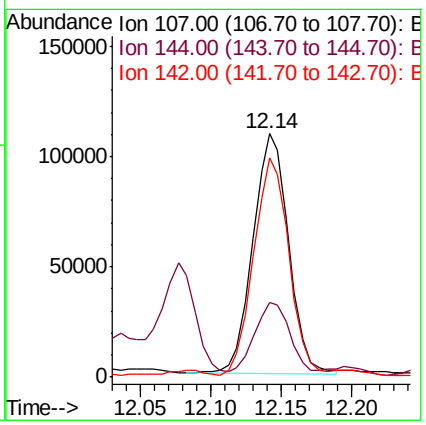


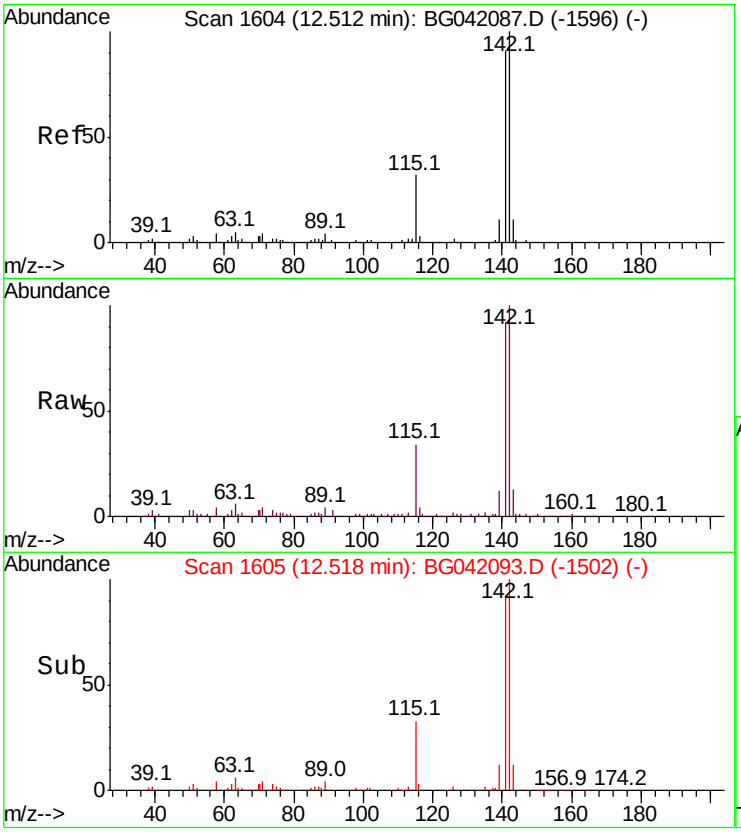


#33
4-Chloro-3-methylphenol
Concen: 35.710 ng/ul
RT: 12.14 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion:107 Resp: 192325

Ion	Ratio	Lower	Upper
107	100		
144	30.9	23.0	34.6
142	90.0	71.0	106.6



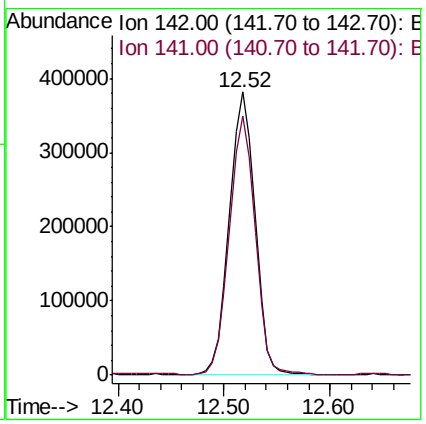


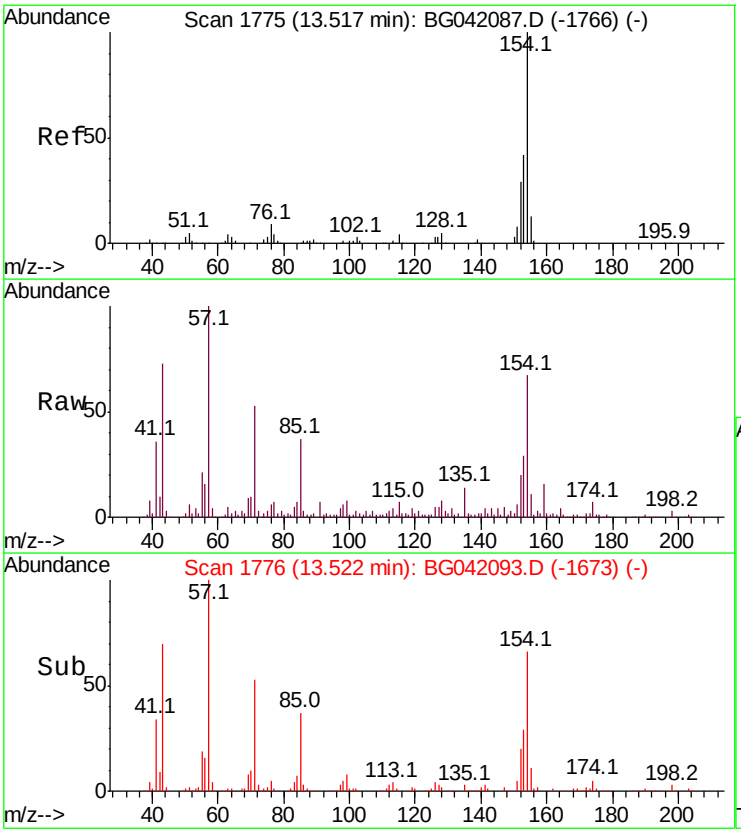
#34
2-Methylnaphthalene
Concen: 50.280 ng/ul
RT: 12.52 min Scan# 1605
Delta R.T. 0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 638279

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.9	109.3

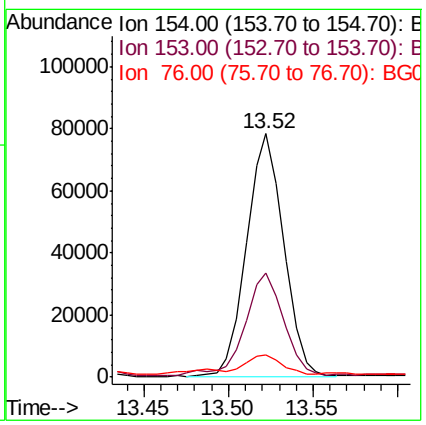


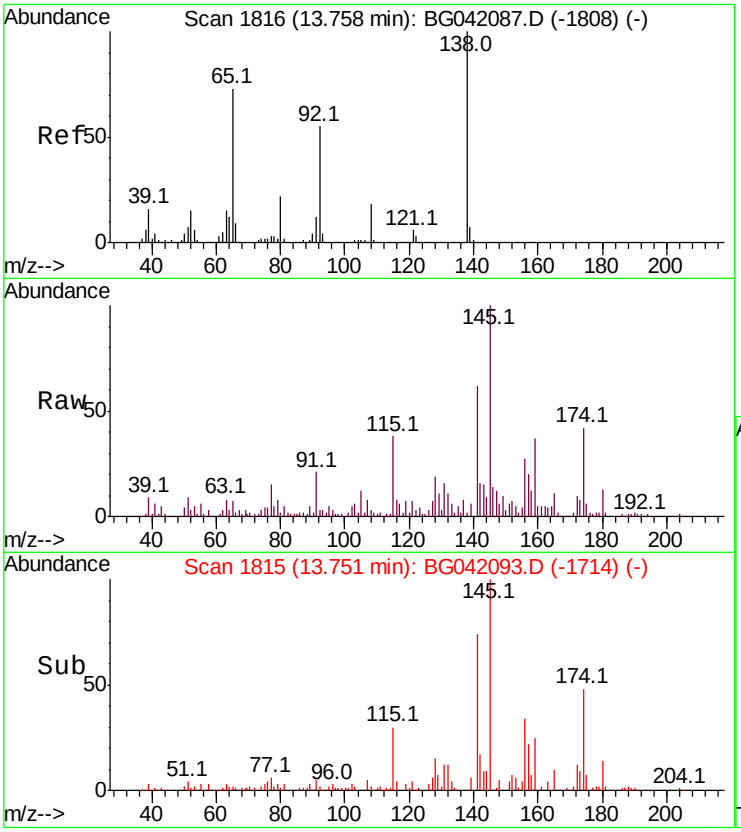


#40
1,1'-Biphenyl
Concen: 7.416 ng/ul
RT: 13.52 min Scan# 1776
Delta R.T. 0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion:154 Resp: 118495

Ion	Ratio	Lower	Upper
154	100		
153	42.8	32.6	48.8
76	9.0	8.6	13.0



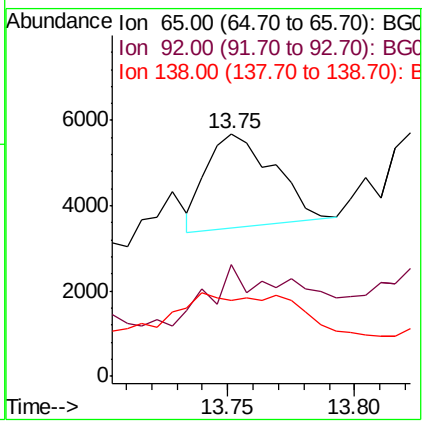


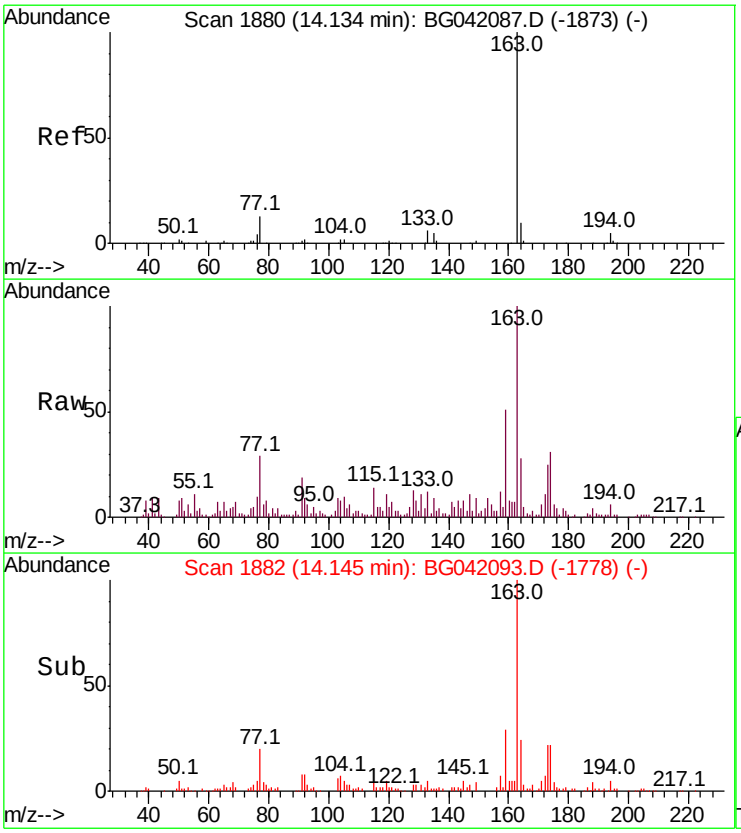
#42
2-Nitroaniline
Concen: 1.217 ng/ul
RT: 13.75 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 4096

Ion	Ratio	Lower	Upper
65	100		
92	46.0	51.6	77.4#
138	31.4	94.1	141.1#

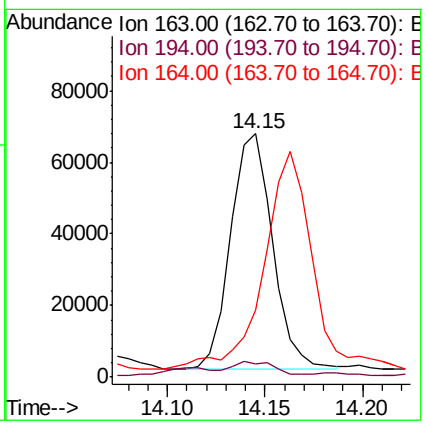


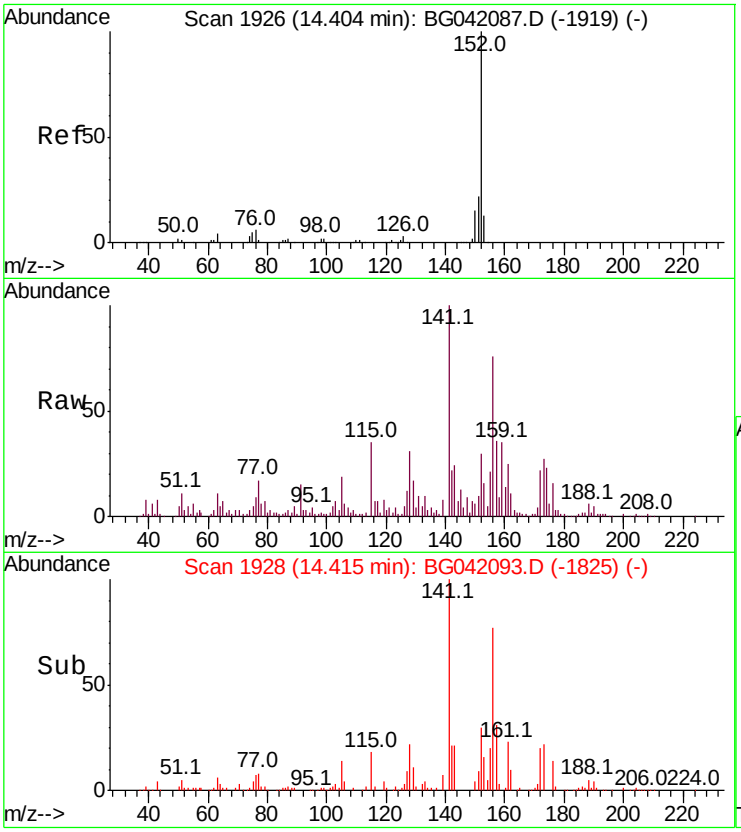


#44
Dimethylphthalate
Concen: 5.764 ng/ul
RT: 14.15 min Scan# 1882
Delta R.T. 0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion:163 Resp: 97539

Ion	Ratio	Lower	Upper
163	100		
194	5.6	4.2	6.2
164	27.7	7.8	11.8#



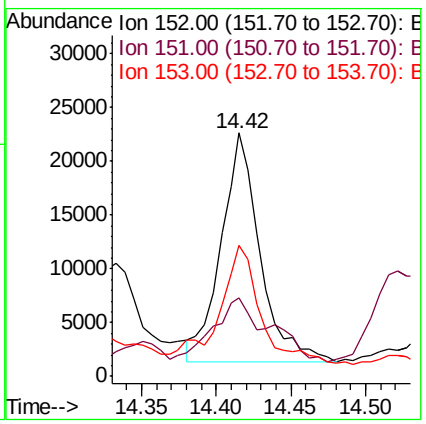


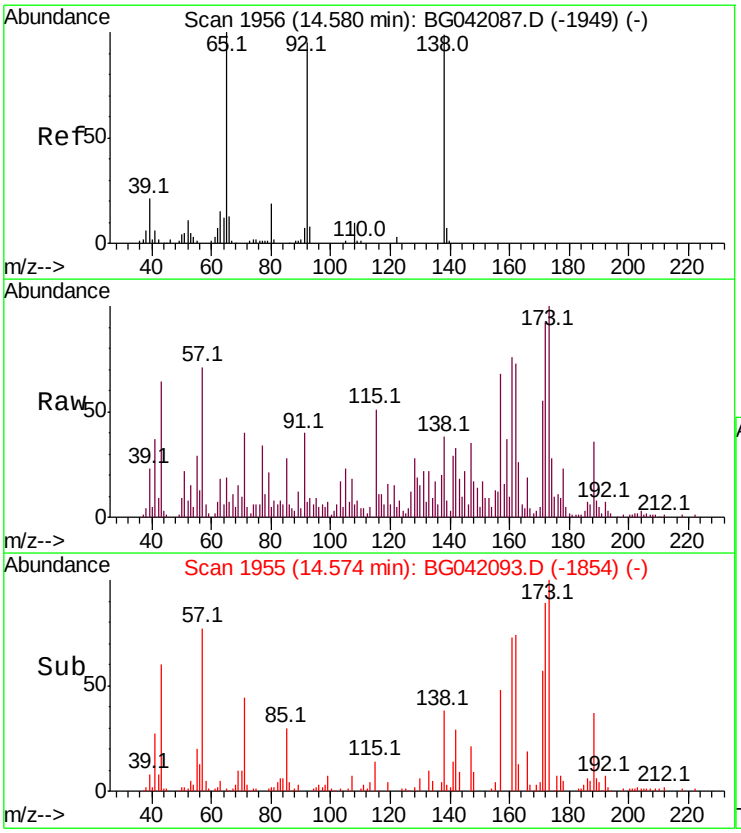
#47
Acenaphthylene
Concen: 1.959 ng/ul
RT: 14.42 min Scan# 1928
Delta R.T. 0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 38494

Ion	Ratio	Lower	Upper
152	100		
151	32.1	16.8	25.2#
153	53.8	10.3	15.5#

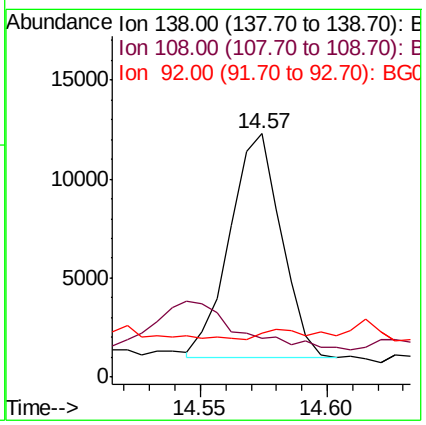


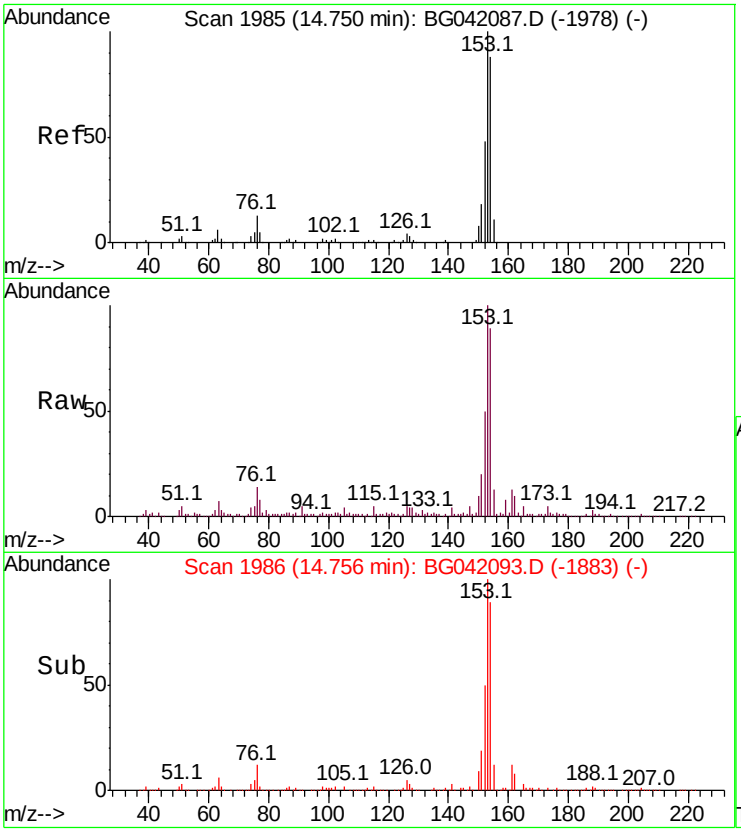


#48
3-Nitroaniline
Concen: 5.455 ng/ul
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion:138 Resp: 16012

Ion	Ratio	Lower	Upper
138	100		
108	15.9	7.6	11.4#
92	17.9	76.4	114.6#



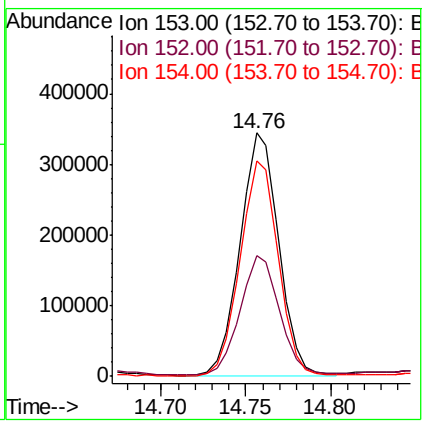


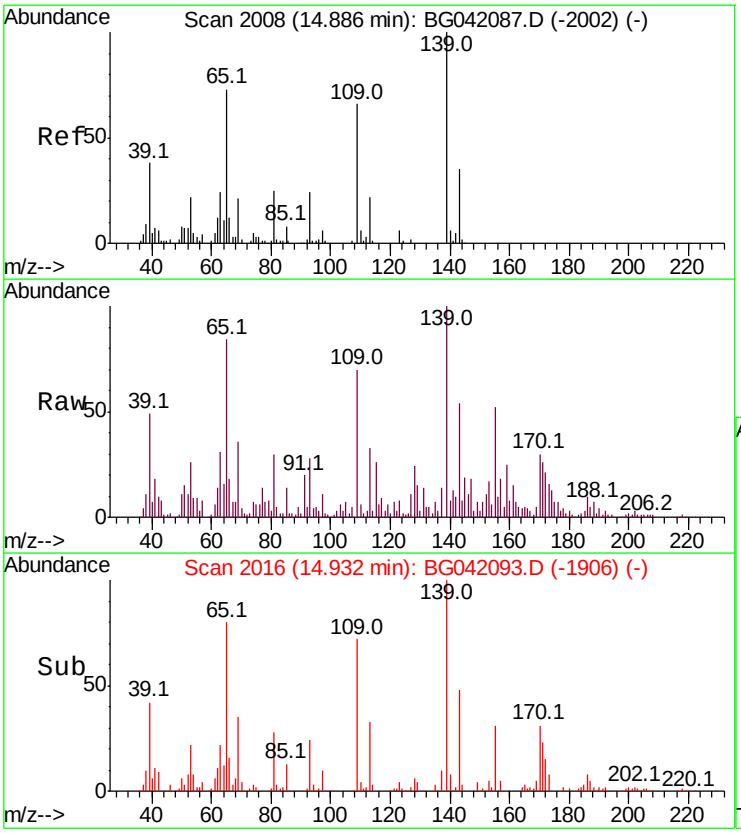
#49
Acenaphthene
Concen: 39.692 ng/ul
RT: 14.76 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 545357

Ion	Ratio	Lower	Upper
153	100		
152	49.8	37.8	56.8
154	88.6	69.4	104.2

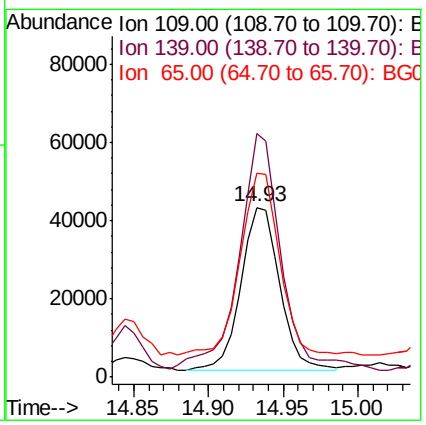


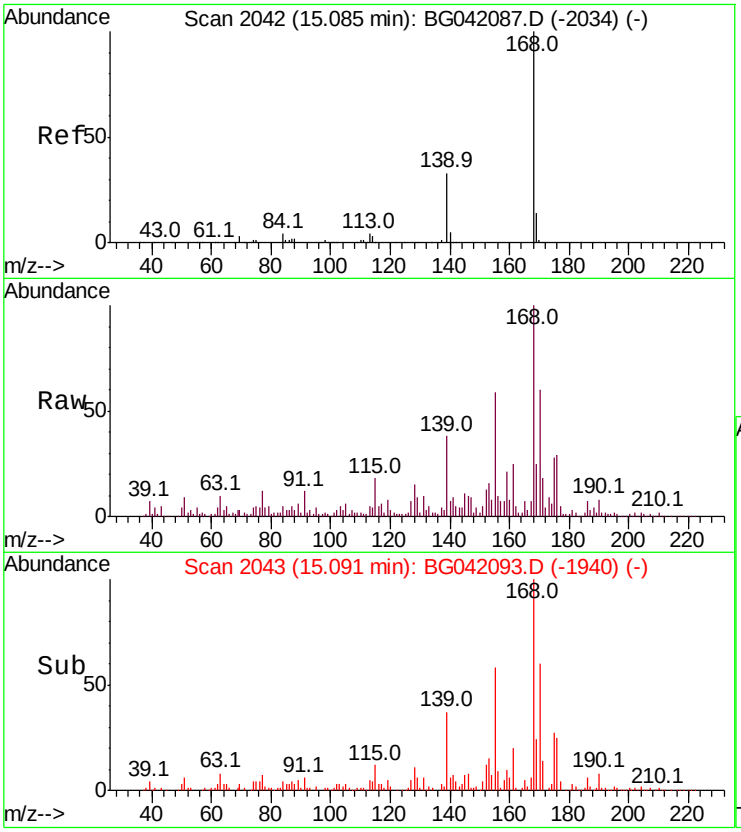


#52
4-Nitrophenol
Concen: 35.627 ng/ul
RT: 14.93 min Scan# 2016
Delta R.T. 0.05 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion:109 Resp: 75552

Ion	Ratio	Lower	Upper
109	100		
139	143.5	111.8	167.6
65	120.4	103.6	155.4



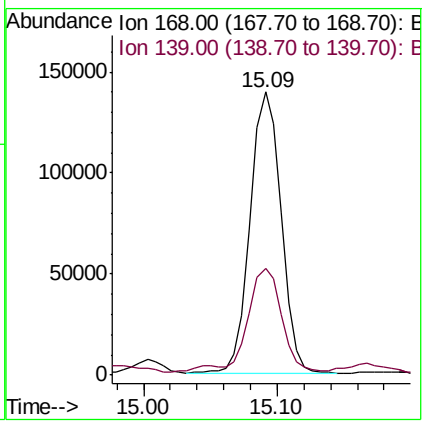


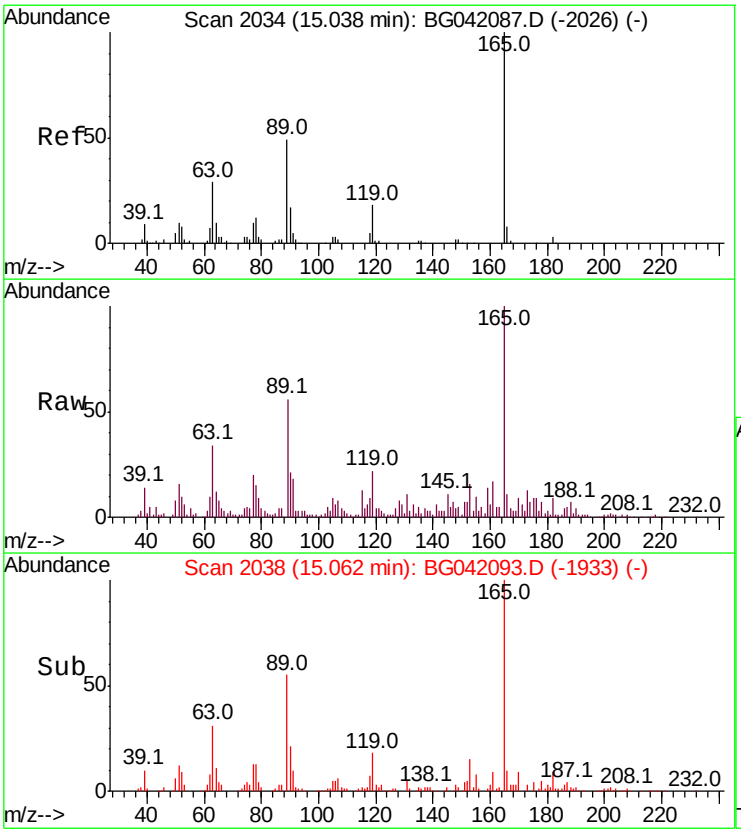
#53
Dibenzofuran
Concen: 10.879 ng/ul
RT: 15.09 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 223077

Ion	Ratio	Lower	Upper
168	100		
139	37.7	27.3	40.9

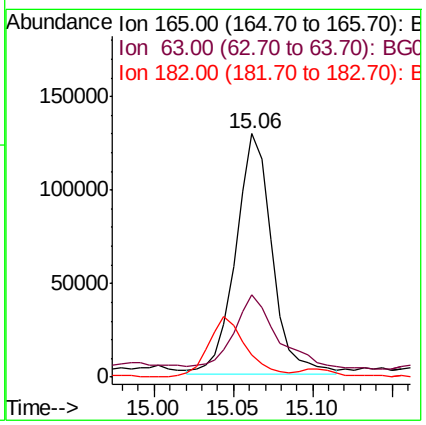


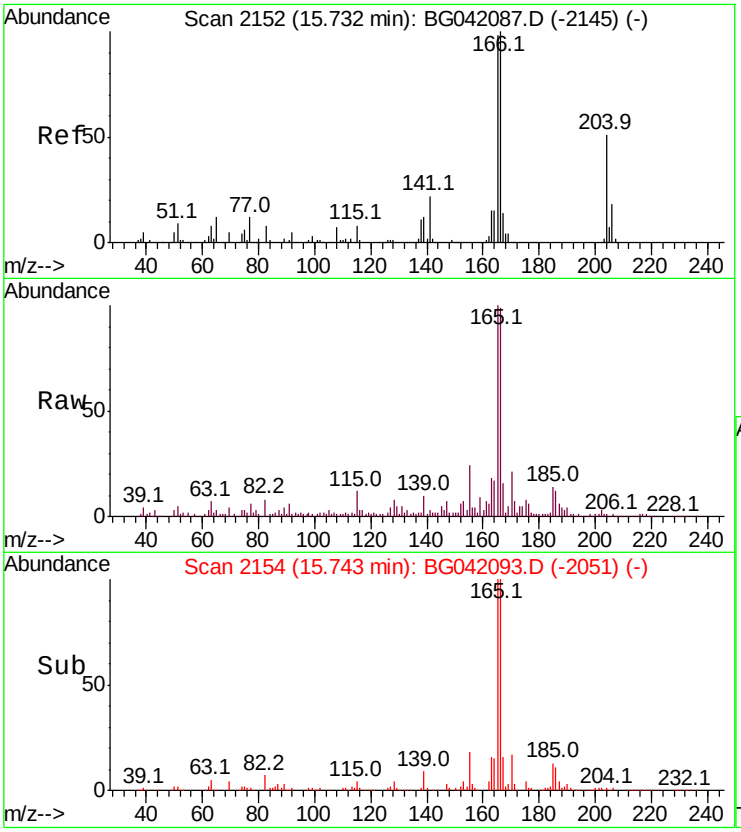


#54
2,4-Dinitrotoluene
Concen: 38.207 ng/ul
RT: 15.06 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion:165 Resp: 204481

Ion	Ratio	Lower	Upper
165	100		
63	34.1	29.4	44.2
182	9.3	2.6	4.0#



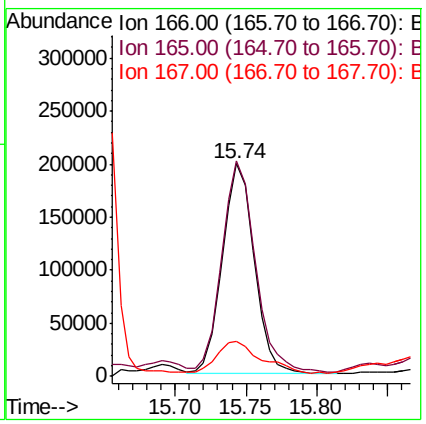


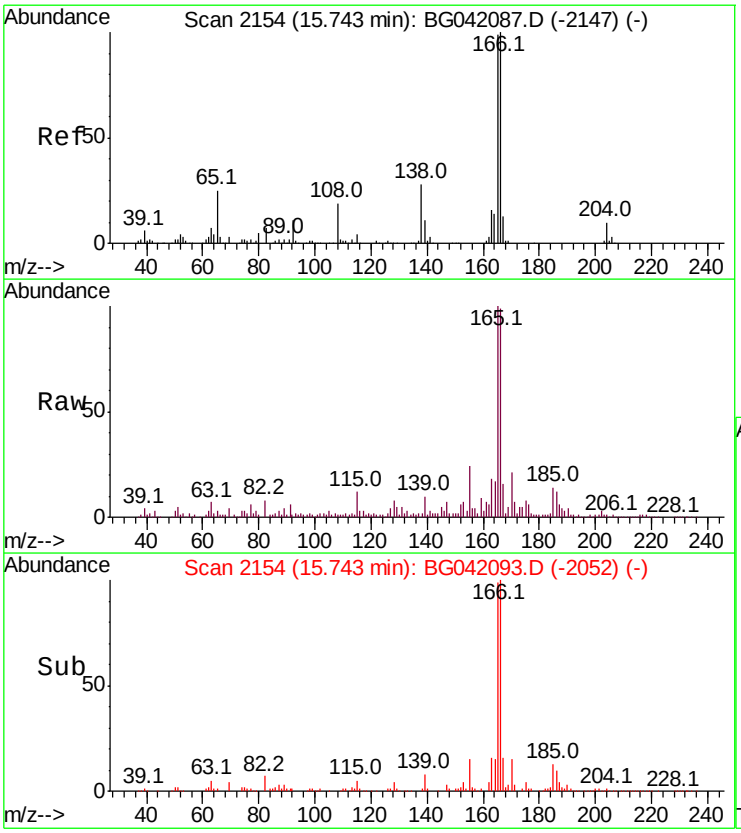
#58
Fluorene
Concen: 18.940 ng/ul
RT: 15.74 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 312834

Ion	Ratio	Lower	Upper
166	100		
165	101.1	81.1	121.7
167	16.3	11.0	16.4

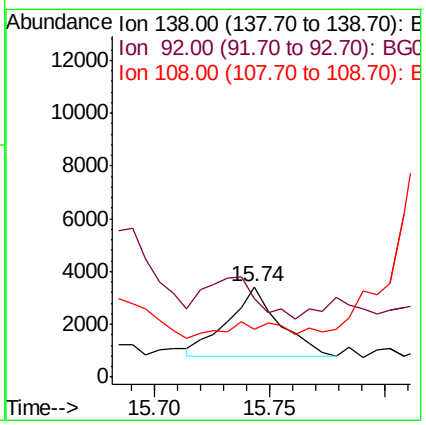


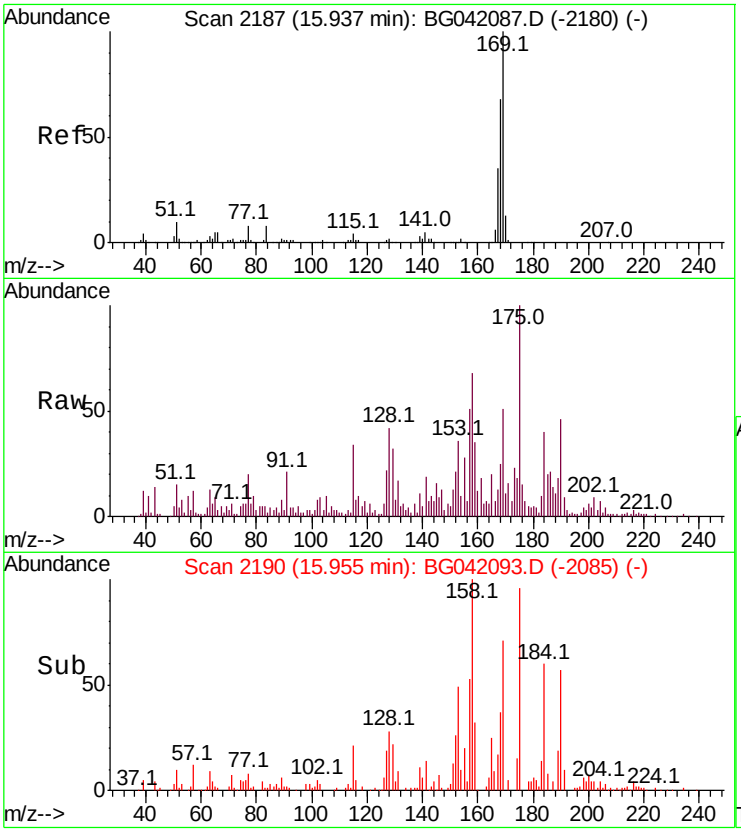


#60
4-Nitroaniline
Concen: 1.259 ng/ul
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion:138 Resp: 4117

Ion	Ratio	Lower	Upper
138	100		
92	87.0	34.6	51.8#
108	53.4	54.2	81.2#



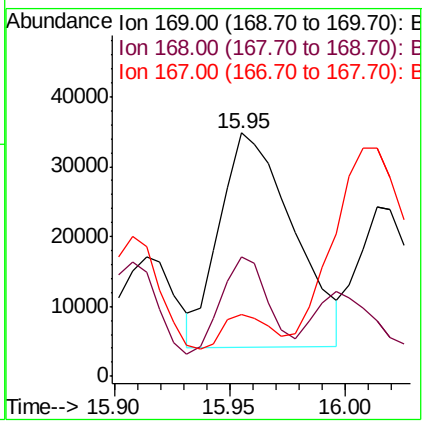


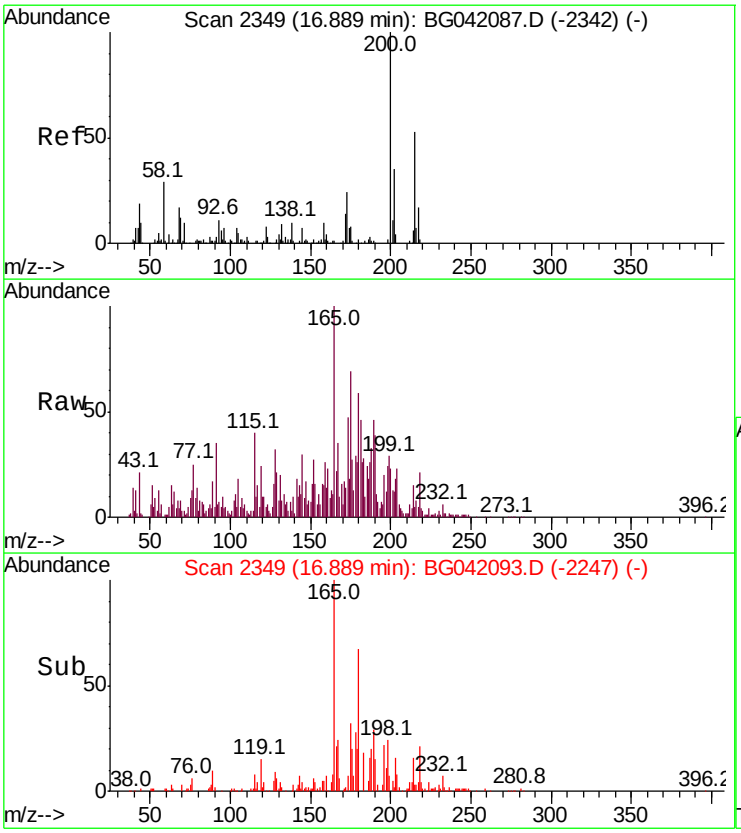
#64
N-Nitrosodiphenylamine
Concen: 5.289 ng/ul
RT: 15.95 min Scan# 2190
Delta R.T. 0.02 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 67884

Ion	Ratio	Lower	Upper
169	100		
168	48.9	55.0	82.4#
167	25.5	29.5	44.3#

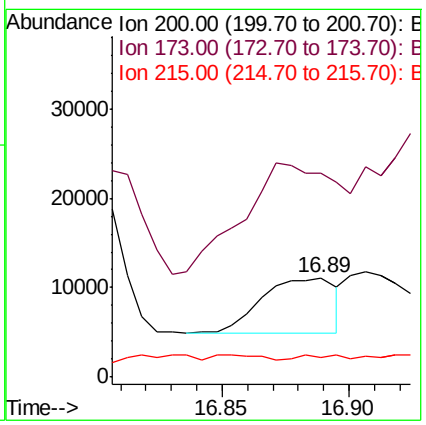


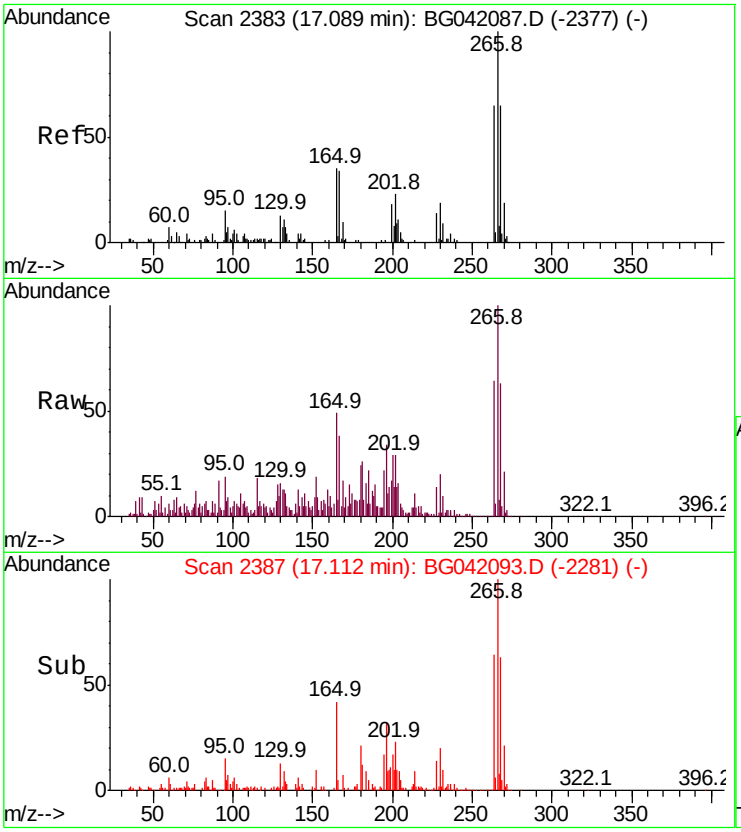


#67
Atrazine
Concen: 2.337 ng/ul
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion:200 Resp: 12572

Ion	Ratio	Lower	Upper
200	100		
173	206.2	19.0	28.6#
215	19.8	43.0	64.6#



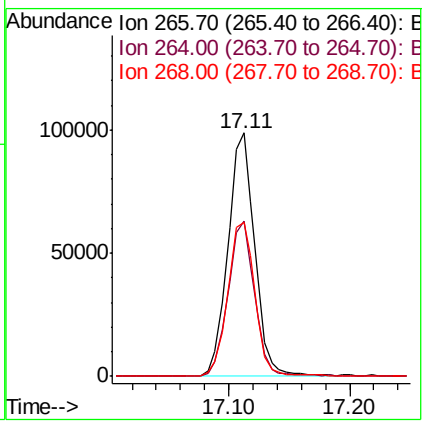


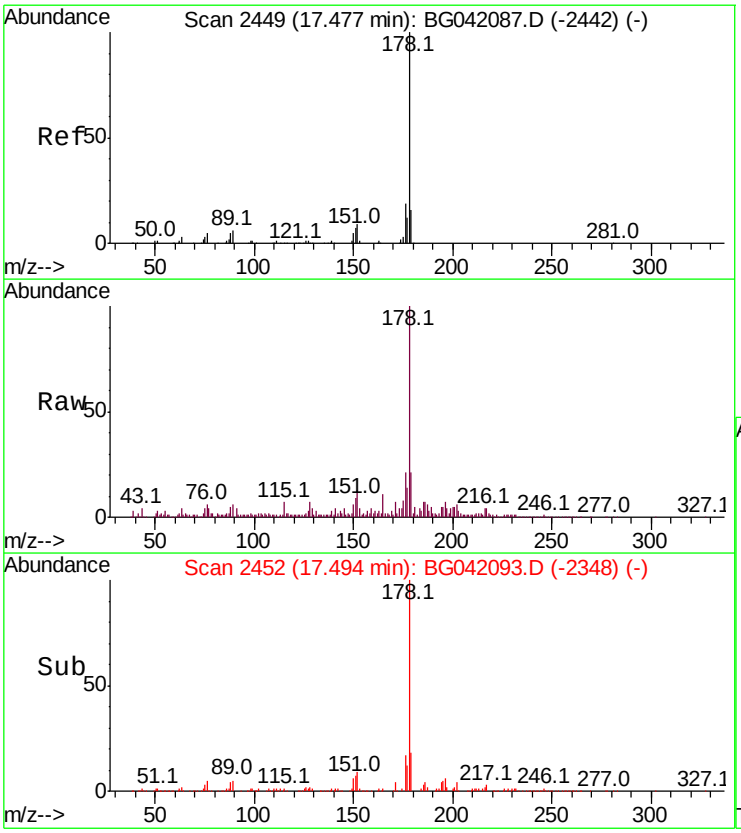
#68
Pentachlorophenol
Concen: 48.633 ng/ul
RT: 17.11 min Scan# 2387
Delta R.T. 0.02 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 152359

Ion	Ratio	Lower	Upper
266	100		
264	63.9	52.3	78.5
268	63.4	53.2	79.8

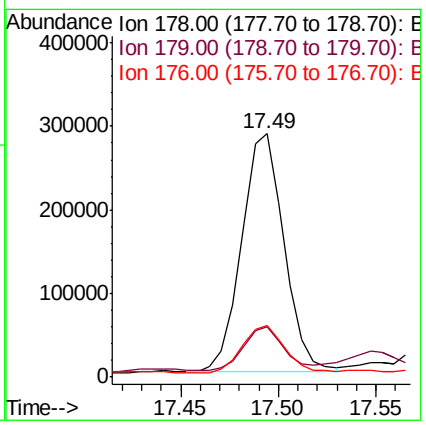


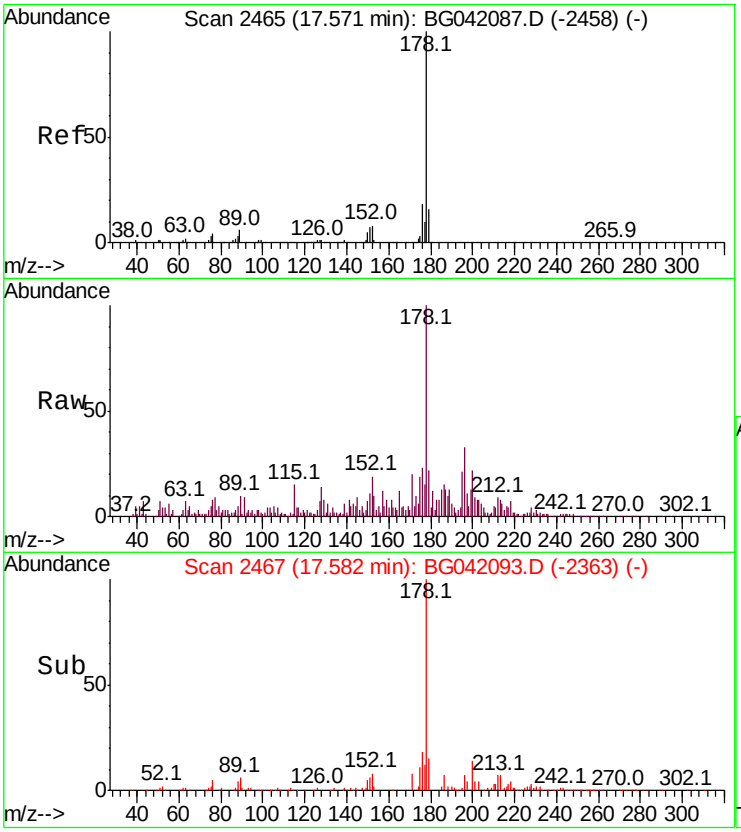


#69
Phenanthrene
Concen: 17.987 ng/ul
RT: 17.49 min Scan# 2452
Delta R.T. 0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion:178 Resp: 425972

Ion	Ratio	Lower	Upper
178	100		
179	20.6	12.8	19.2#
176	21.2	15.4	23.2



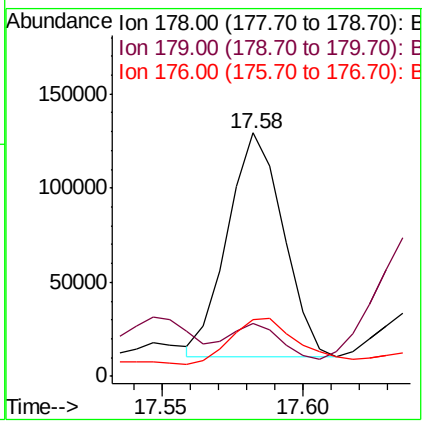


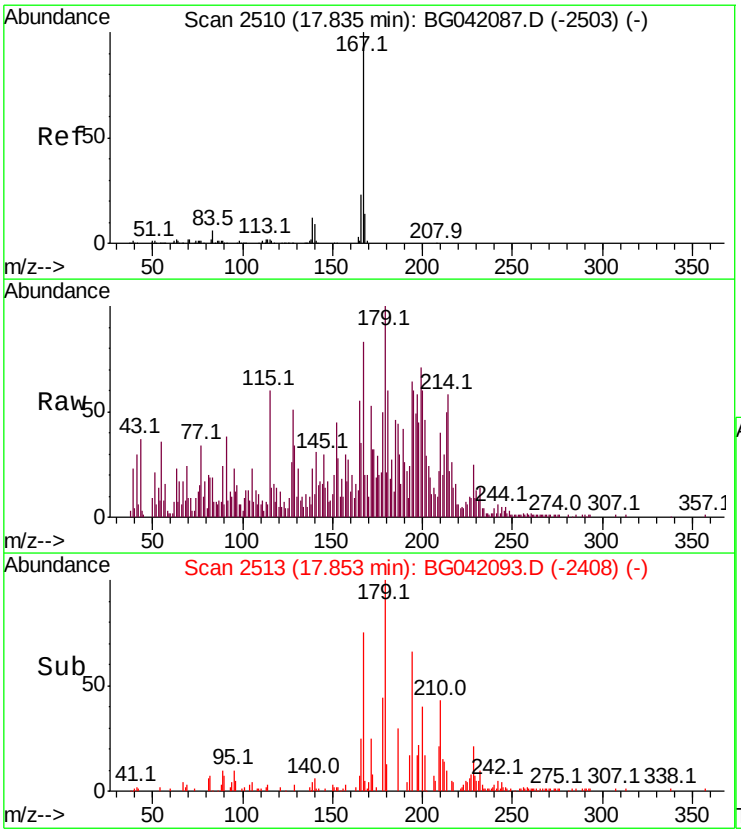
#71
Anthracene
Concen: 6.800 ng/ul
RT: 17.58 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 163331

Ion	Ratio	Lower	Upper
178	100		
179	21.7	13.4	20.0#
176	23.2	15.4	23.2#

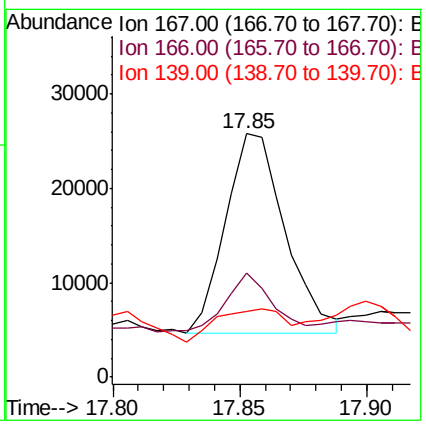


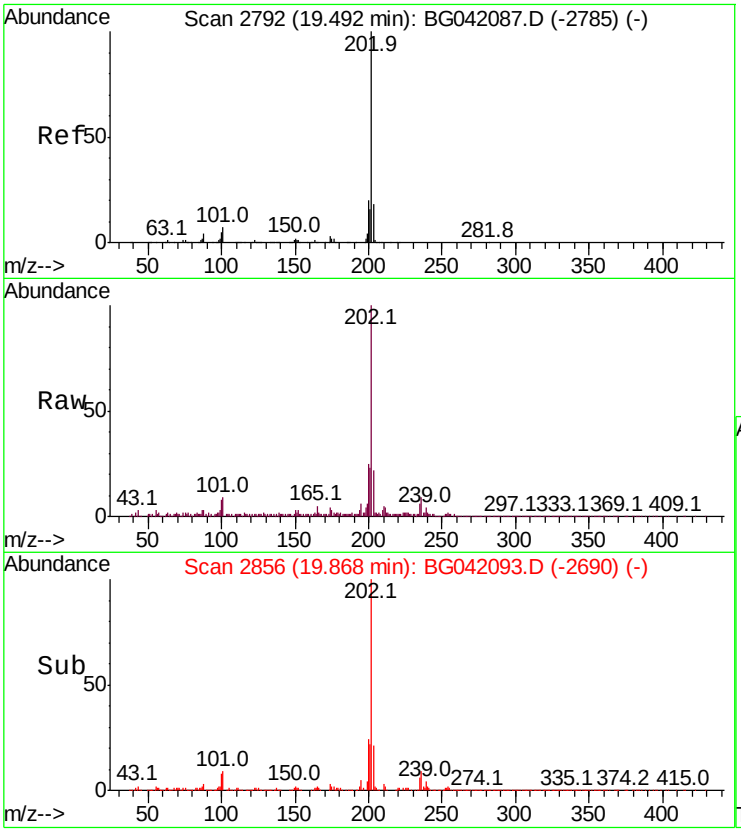


#74
Carbazole
Concen: 1.724 ng/ul
RT: 17.85 min Scan# 2513
Delta R.T. 0.02 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion:167 Resp: 34311

Ion	Ratio	Lower	Upper
167	100		
166	42.7	18.2	27.4#
139	27.2	9.6	14.4#



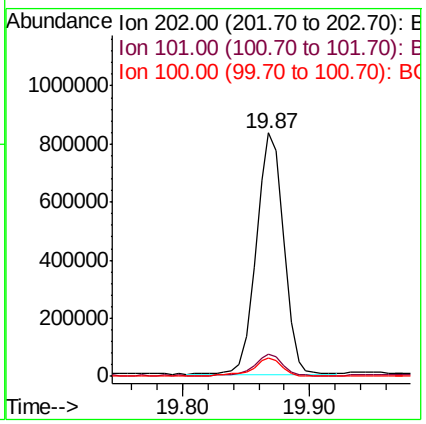


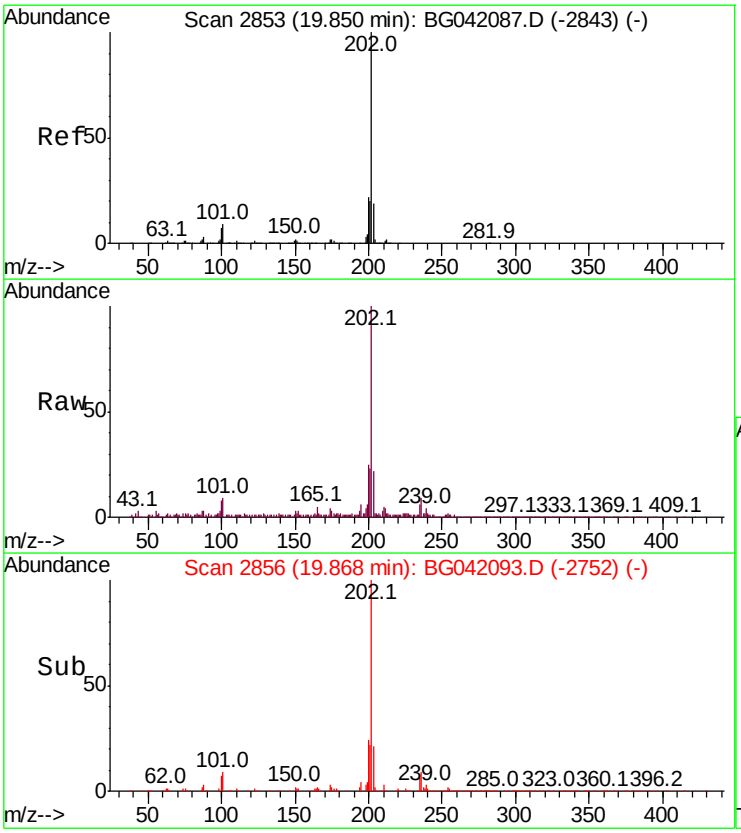
#76
Fluoranthene
Concen: 45.526 ng/ul
RT: 19.87 min Scan# 2856
Delta R.T. 0.38 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1245742

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.7	10.1
100	7.8	5.3	7.9

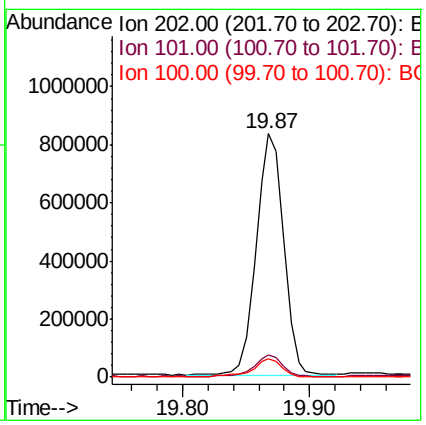


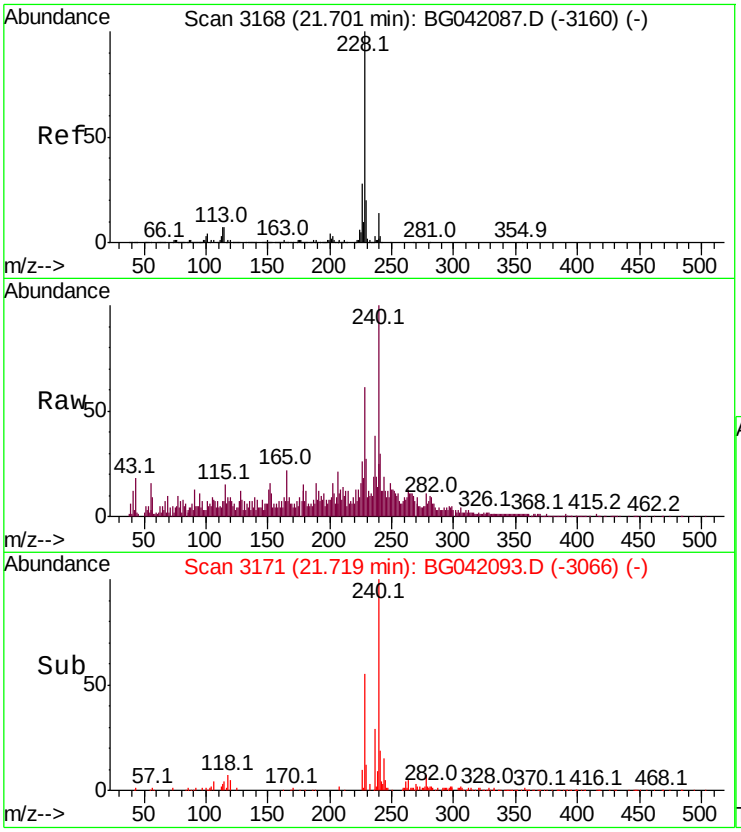


#79
Pyrene
Concen: 40.330 ng/ul
RT: 19.87 min Scan# 2856
Delta R.T. 0.01 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion:202 Resp: 1245742

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.6	11.4
100	7.8	6.5	9.7



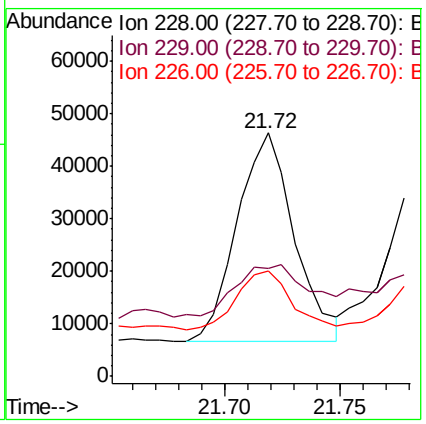


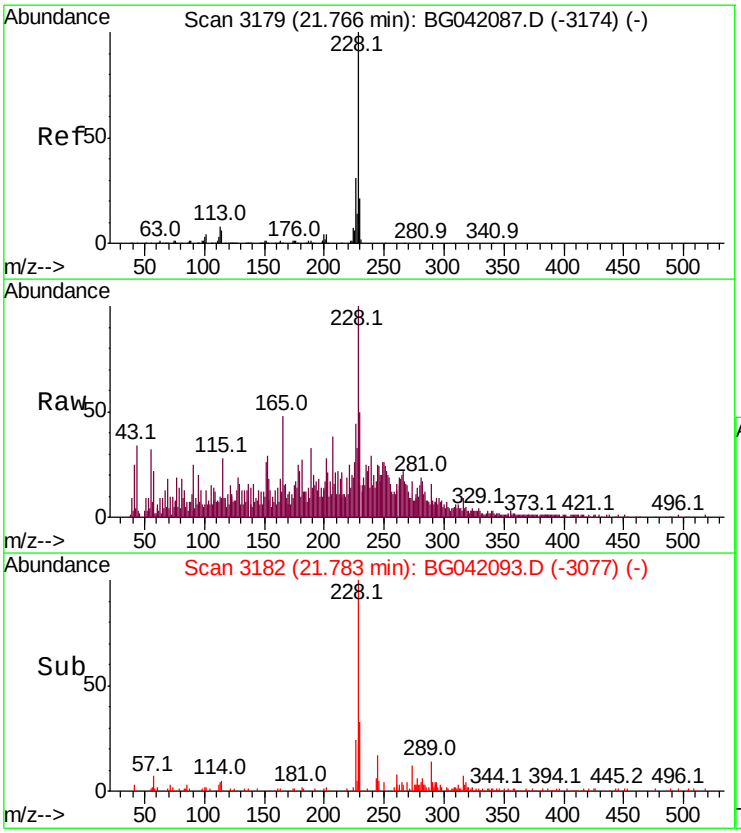
#82
Benzo(a)anthracene
Concen: 2.143 ng/ul
RT: 21.72 min Scan# 3171
Delta R.T. 0.02 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 68231

Ion	Ratio	Lower	Upper
228	100		
229	44.5	17.0	25.6#
226	43.1	23.3	34.9#

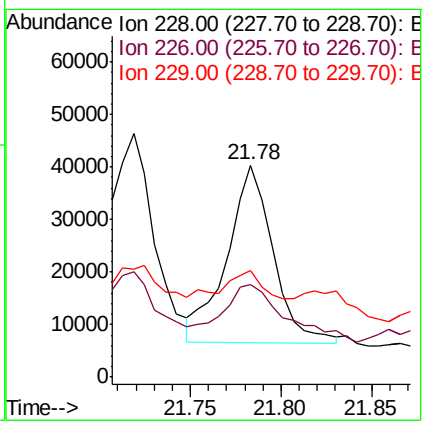


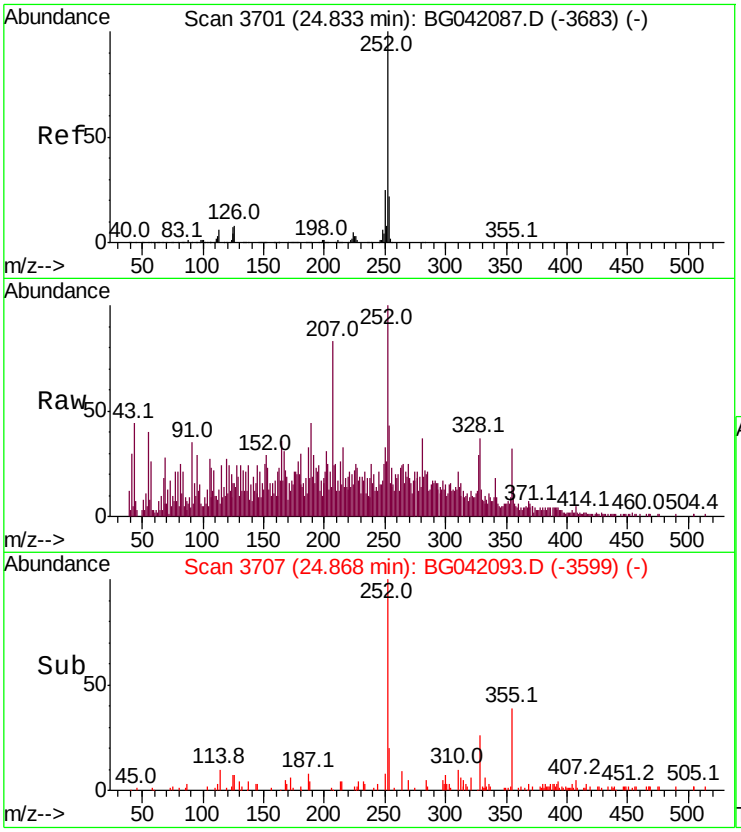


#84
Chrysene
Concen: 2.027 ng/ul
RT: 21.78 min Scan# 3182
Delta R.T. 0.02 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Tgt Ion:228 Resp: 60249

Ion	Ratio	Lower	Upper
228	100		
226	43.7	25.7	38.5#
229	50.3	16.6	24.8#





#90
Benzo(a)pyrene
Concen: 1.218 ng/ul
RT: 24.87 min Scan# 3707
Delta R.T. 0.03 min
Lab File: BG042093.D
Acq: 9 Aug 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 39495

Ion	Ratio	Lower	Upper
252	100		
253	42.9	18.3	27.5#
125	15.9	6.5	9.7#