Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

Quant Time: Oct 29 03:04:32 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 01:04:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	37882	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	53994	20.00	ng/ul	-0.18
36) Acenaphthene-d10	14.60	164	13836	20.00	ng/ul	-0.24
62) Phenanthrene-d10	17.31	188	1364	20.00	ng/ul	-0.27
78) Chrysene-d12	21.53	240	590	20.00	ng/ul	-0.34
86) Perylene-d12	25.01	264	474865	20.00	ng/ul	-0.24
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	4409	5.57	ng/uL	0.00
5) Phenol-d5	7.36	99	25873	7.44	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.52	67	62957	28.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	50979	23.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	46504	16.79	ng/ul	0.02
19) Nitrobenzene-d5	9.38	128	28465	71.73	ng/ul	0.01
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.98	131	857	0.83	ng/ul	-0.18
44) Dimethylphthalate-d6	13.98	166	1279	1.12	ng/ul	-0.25
47) Acenaphthylene-d8	14.32	160	14674	11.61	ng/ul	-0.21
52) 4-Nitrophenol-d4	14.77	143	389	2.15	ng/ul	-0.24
58) Fluorene-d10	15.58	176	10482	9.93	ng/ul	-0.25
63) 4,6-Dinitro-2-methylphenol	15.62	200	130	14.72	ng/ul	-0.31
71) Anthracene-d10	17.41	188	1151	18.51	ng/ul	-0.27
79) Pyrene-d10	19.64	212	2128	82.42	ng/ul	-0.31
90) Benzo(a)pyrene-d12	24.78	264	67	0.00	ng/ul	-0.24
Target Compounds						Qvalue
14) Acetophenone	9.02	105	8516	1.83	ng/ul	92
16) 4-Methylphenol	8.99	108	32238	10.78	ng/ul	99
20) Nitrobenzene	9.22	77	2244	1.45	ng/ul#	1
21) Isophorone	9.77	82	7440	2.65	ng/ul#	1
23) 2-Nitrophenol	9.94	139	1158	2.16	ng/ul#	1
24) 2,4-Dimethylphenol	9.99	107	80170	57.37	ng/ul#	50
25) Bis(2-Chloroethoxy)methane	10.23	93	21555	16.20	ng/ul#	1
30) 4-Chloroaniline	11.00	127	1831	1.69	ng/ul	92
33) 4-Chloro-3-methylphenol	12.11	107	27445	20.93	ng/ul#	34
41) 1,1'-Biphenyl	13.45	154	1403	1.43	ng/ul#	1
43) 2-Nitroaniline	13.67	65	812	2.49	ng/ul#	41
46) 2,6-Dinitrotoluene	14.19	165	1313	5.56	ng/ul#	1
48) Acenaphthylene	14.34	152	3531	2.73	ng/ul#	1
49) 3-Nitroaniline	14.49	138	612	3.01	ng/ul#	56
51) 2,4-Dinitrophenol	14.75	184	182	1.03	ng/ul#	1
53) 4-Nitrophenol	14.78	109	541	1.91	ng/ul#	60
57) Diethylphthalate	15.37	149	2129	1.85	ng/ul#	1
61) 4-Nitroaniline	15.63	138	665	2.85	ng/ul#	64
64) 4,6-Dinitro-2-methylphenol	15.62	198	140	14.66	ng/ul#	1
65) N-Nitrosodiphenylamine	15.83	169	652	18.48	ng/ul#	69
66) 4-Bromophenyl-phenylether	16.63	248	59	3.64	ng/ul#	1
68) Atrazine	16.76	200	667	38.14	ng/ul#	1
70) Phenanthrene	17.36	178	1026	14.90	ng/ul#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

Quant Time: Oct 29 03:04:32 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 01:04:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Anthracene	17.46	178	2698	38.45	ng/ul#	1
75) Carbazole	17.70	167	318	5.68	ng/ul#	1
76) Di-n-butylphthalate	18.24	149	1154	16.63	ng/ul#	1
77) Fluoranthene	19.33	202	629	7.06	ng/ul#	80
80) Pyrene	19.66	202	701	21.17	ng/ul#	43
81) Butylbenzylphthalate	20.54	149	340	31.60	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.42	252	389	33.65	ng/ul#	81
83) Benzo(a)anthracene	21.52	228	393	11.44	ng/ul#	59
84) Bis(2-ethylhexyl)phthalate	21.40	149	523	34.20	ng/ul#	38
85) Chrysene	21.57	228	1022	31.71	ng/ul#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019397.D
Acq On : 29 Oct 2015 1:29
Operator : UM/NP
Sample : G4120-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT4

Quant Time: Oct 29 03:04:32 2015
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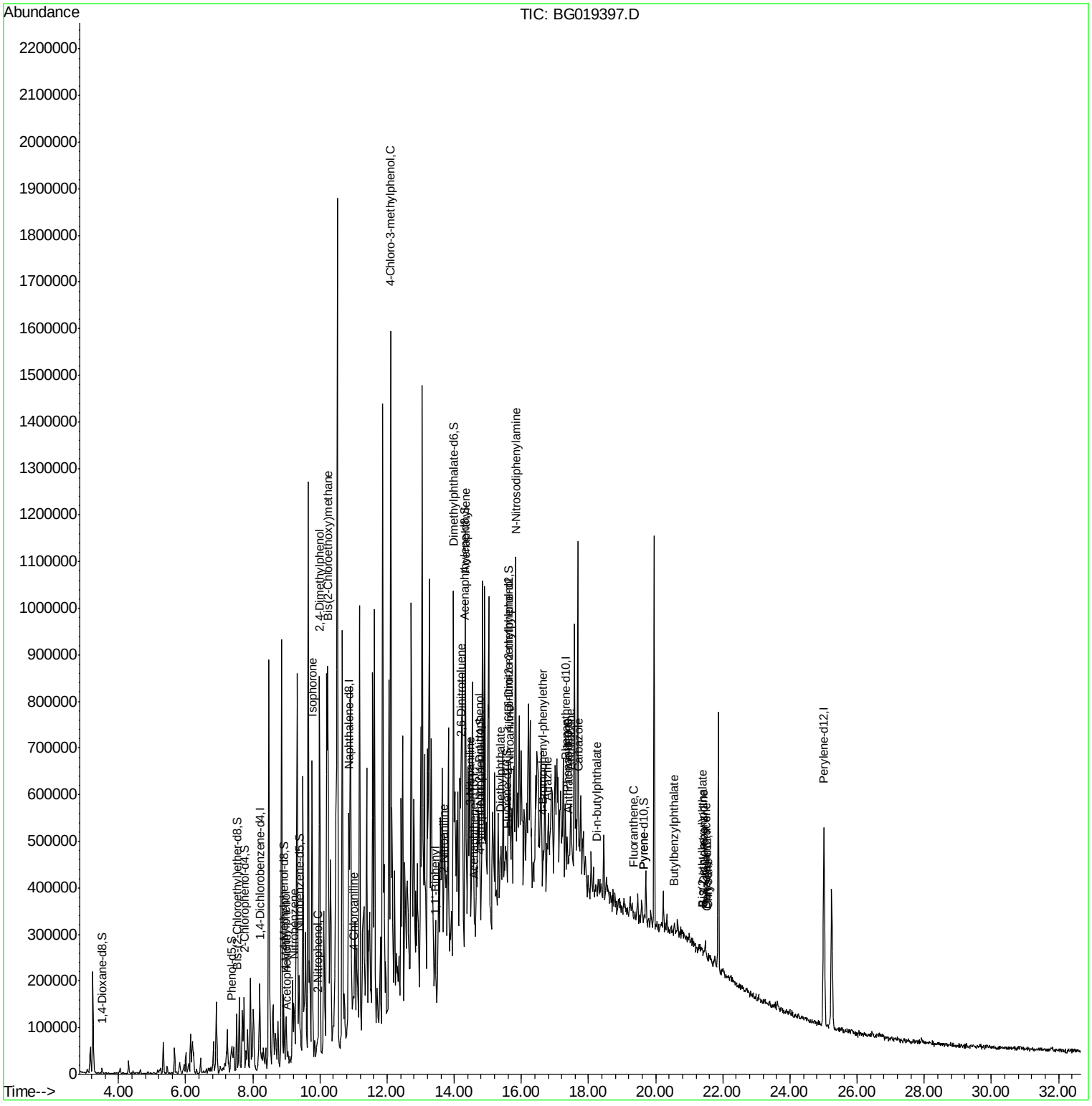
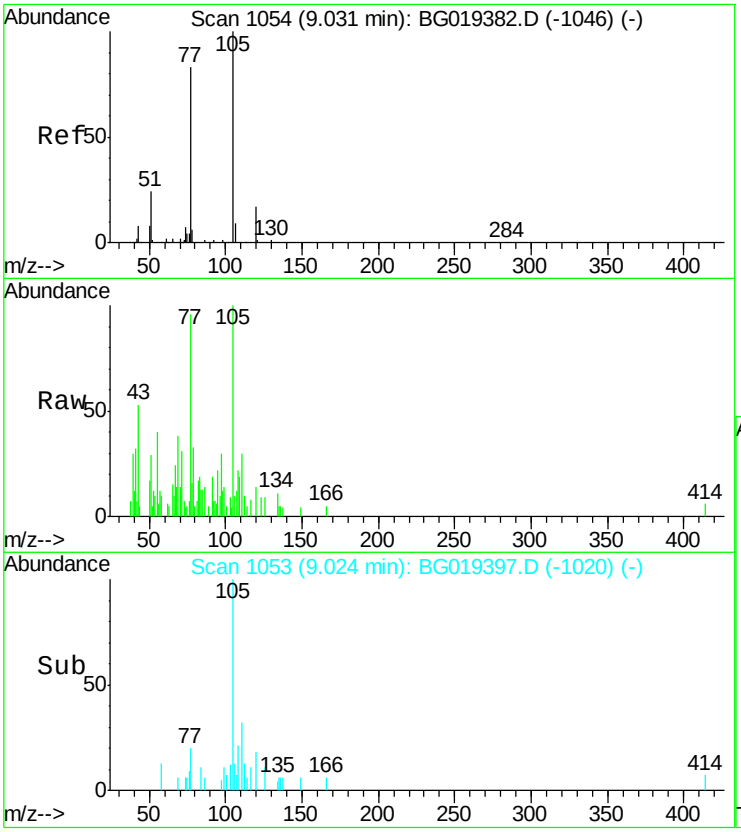
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 01:04:20 2015
Response via : Initial Calibration



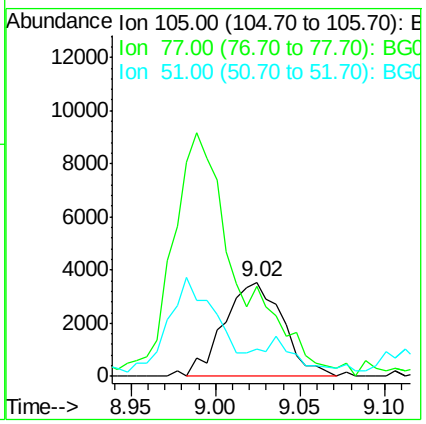


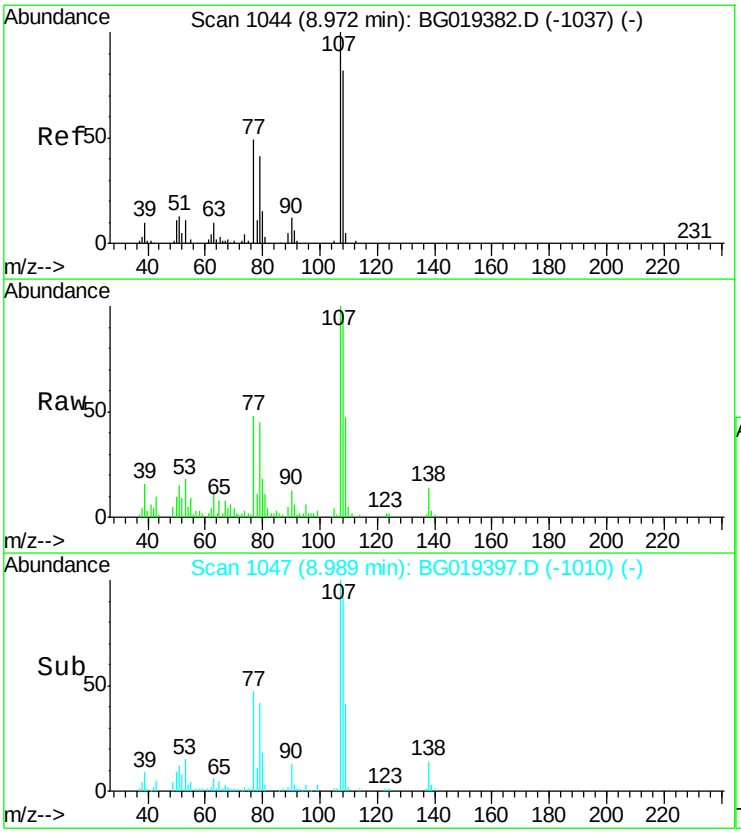
#14
Acetophenone
Concen: 1.83 ng/ul
RT: 9.02 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion:105 Resp: 8516

Ion	Ratio	Lower	Upper
105	100		
77	95.7	69.5	104.3
51	29.4	21.8	32.6

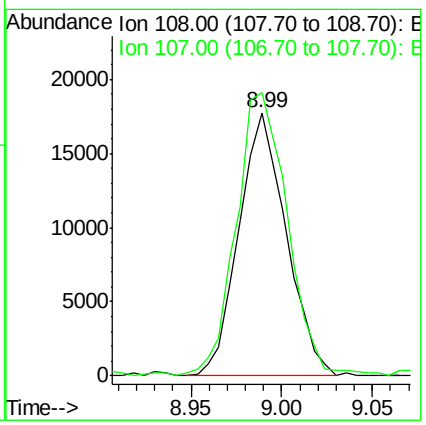


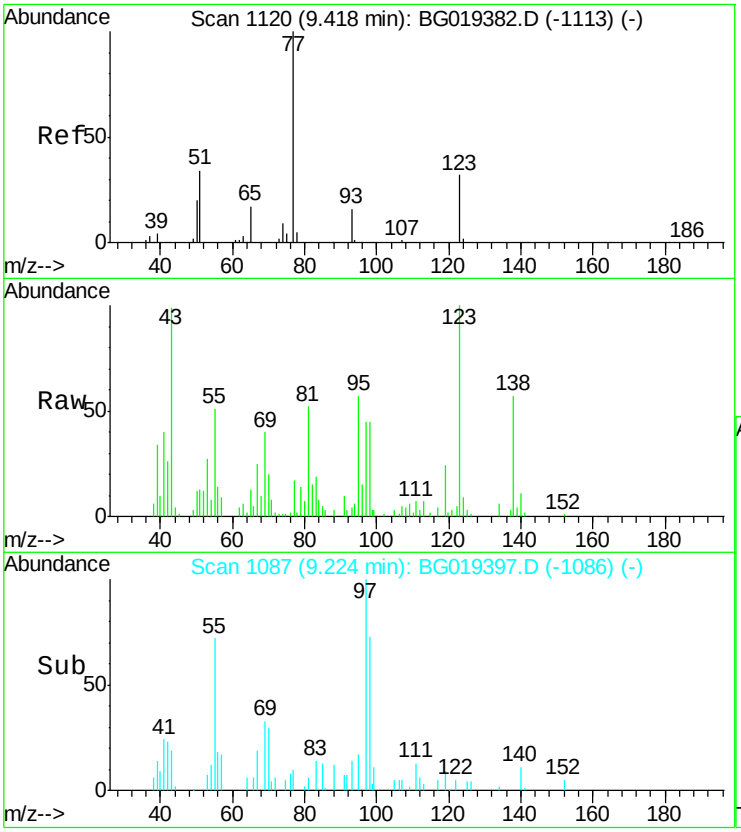


#16
4-Methylphenol
Concen: 10.78 ng/ul
RT: 8.99 min Scan# 1047
Delta R.T. 0.02 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion:108 Resp: 32238

Ion	Ratio	Lower	Upper
108	100		
107	107.6	85.4	128.2



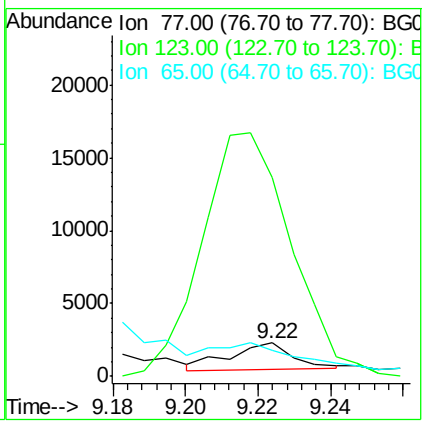


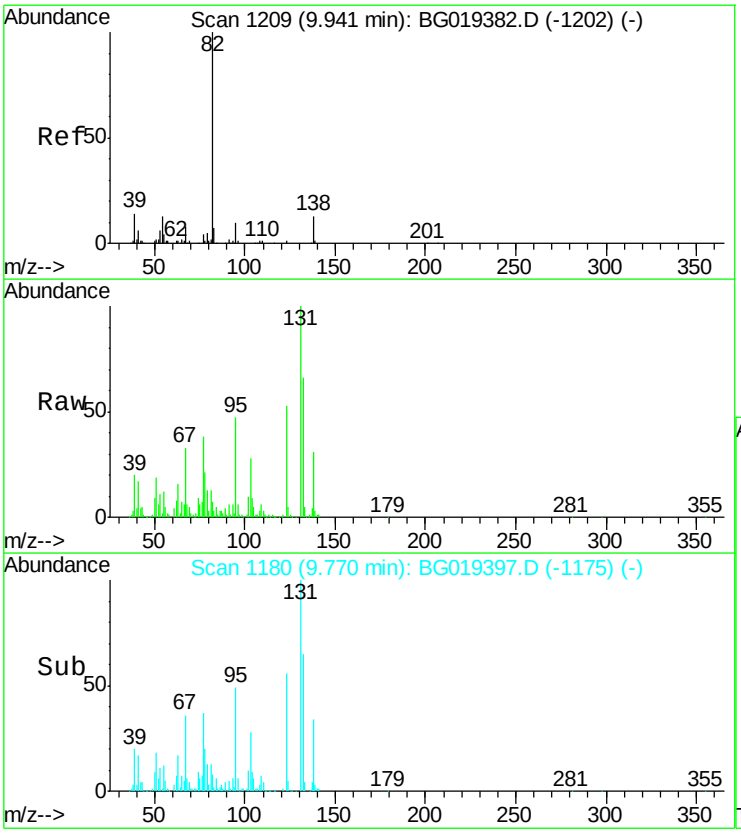
#20
Nitrobenzene
Concen: 1.45 ng/ul
RT: 9.22 min Scan# 1087
Delta R.T. -0.19 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion: 77 Resp: 2244

Ion	Ratio	Lower	Upper
77	100		
123	593.5	23.4	35.2#
65	76.1	11.6	17.4#

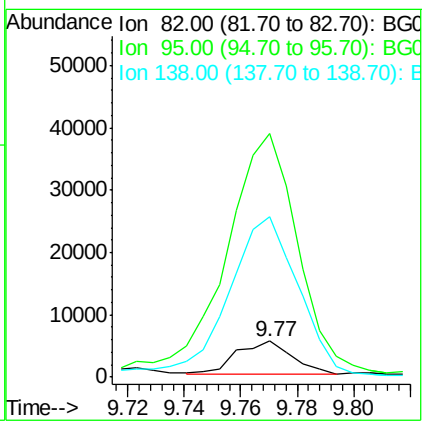


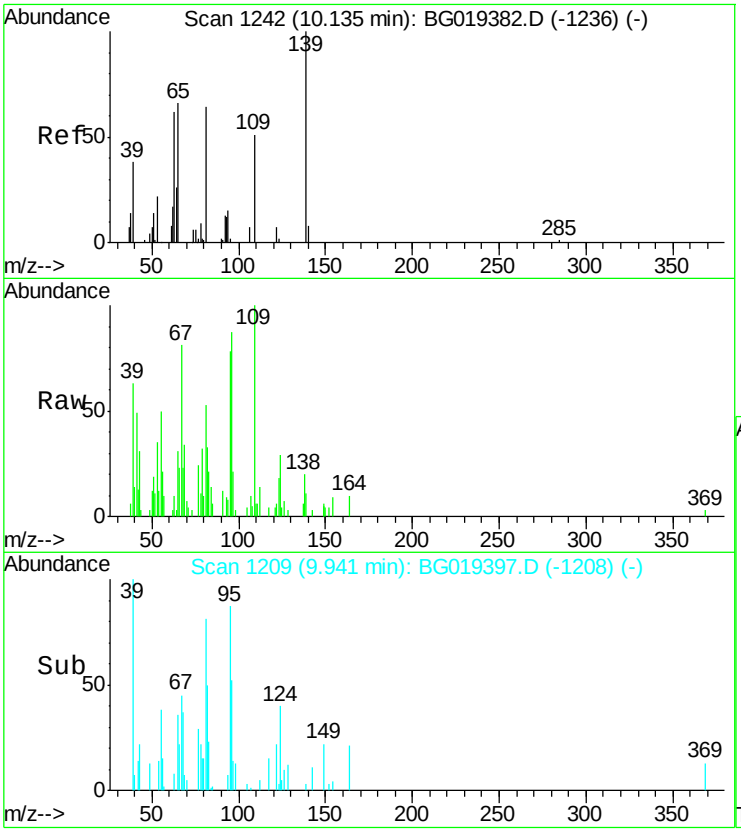


#21
Isophorone
Concen: 2.65 ng/ul
RT: 9.77 min Scan# 1180
Delta R.T. -0.17 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion: 82 Resp: 7440

Ion	Ratio	Lower	Upper
82	100		
95	677.4	6.7	10.1#
138	447.5	10.8	16.2#



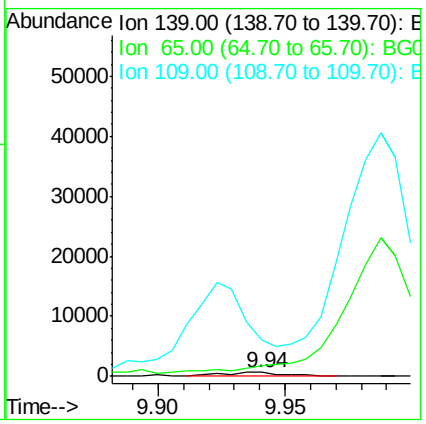


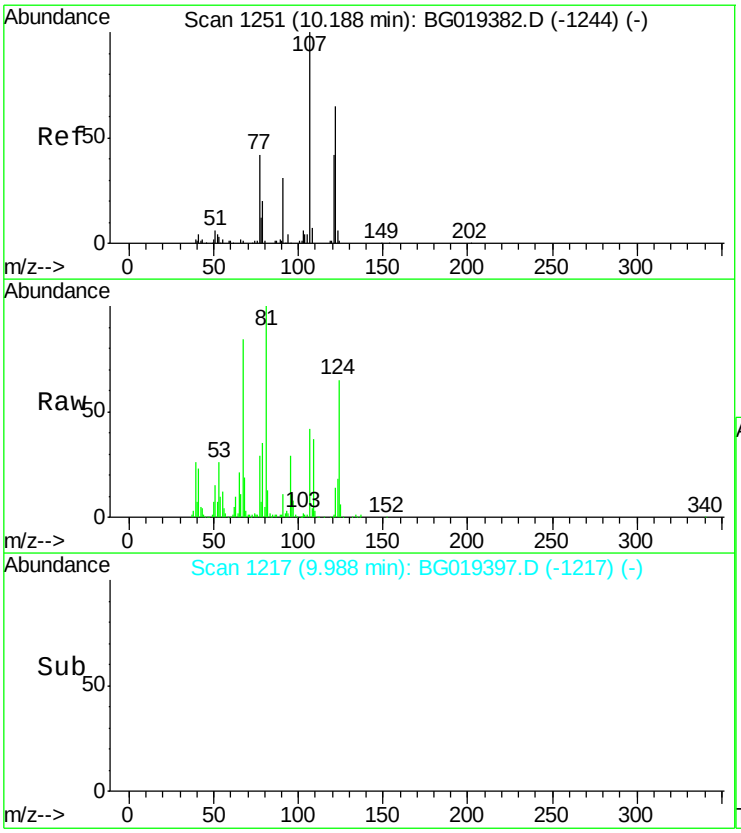
#23
2-Nitrophenol
Concen: 2.16 ng/ul
RT: 9.94 min Scan# 1209
Delta R.T. -0.19 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion:139 Resp: 1158

Ion	Ratio	Lower	Upper
139	100		
65	282.7	51.0	76.4#
109	926.2	50.6	75.8#

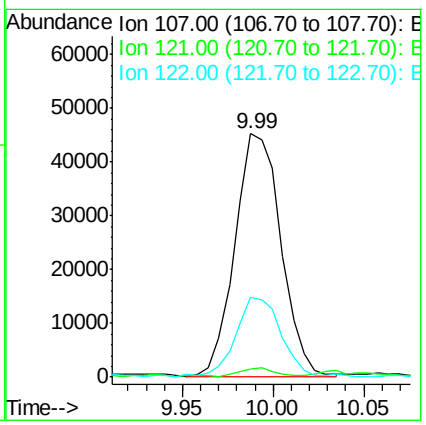


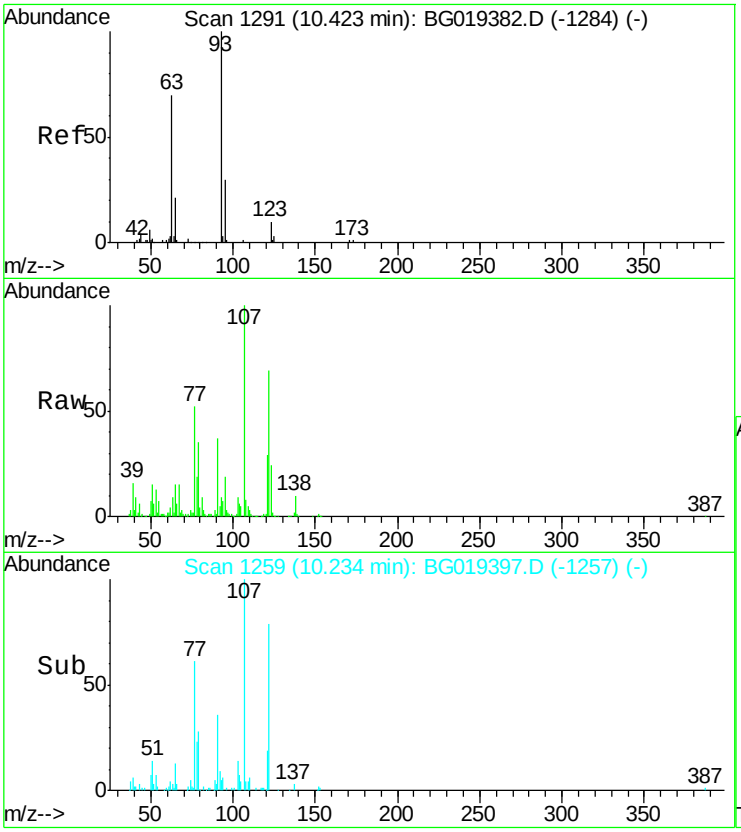


#24
2,4-Dimethylphenol
Concen: 57.37 ng/ul
RT: 9.99 min Scan# 1217
Delta R.T. -0.20 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion:107 Resp: 80170

Ion	Ratio	Lower	Upper
107	100		
121	3.4	33.0	49.4#
122	32.7	54.2	81.2#



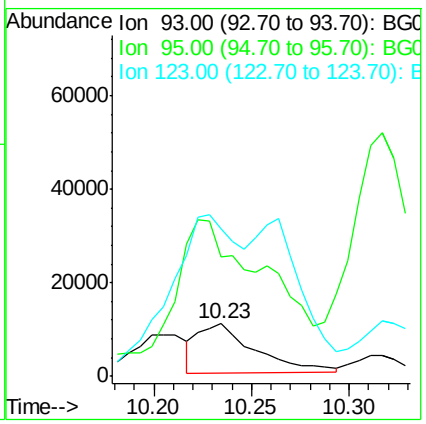


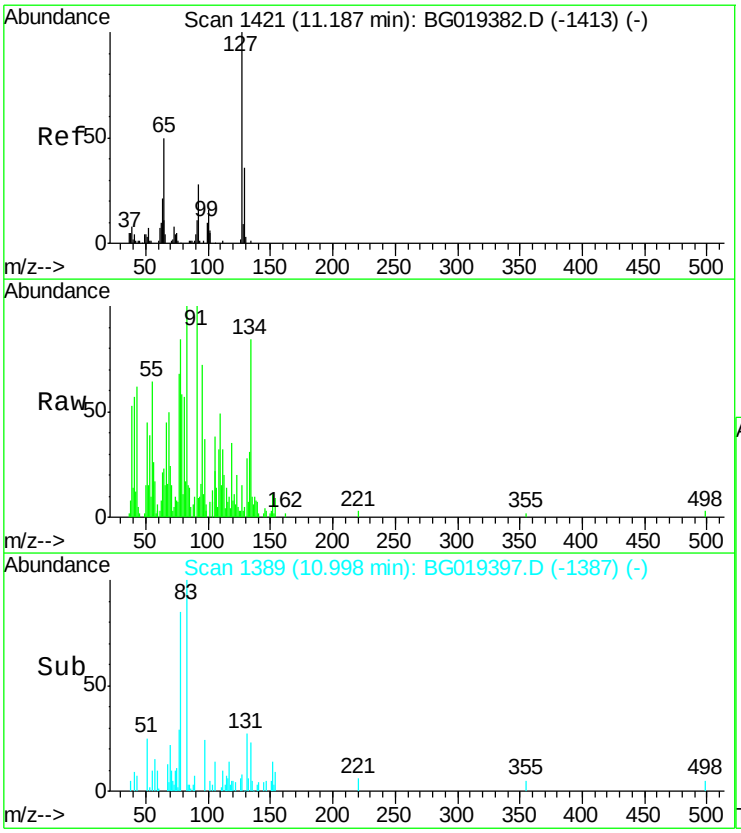
#25
Bis(2-Chloroethoxy)methane
Concen: 16.20 ng/ul
RT: 10.23 min Scan# 1259
Delta R.T. -0.19 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion: 93 Resp: 21555

Ion	Ratio	Lower	Upper
93	100		
95	228.1	26.1	39.1#
123	280.0	8.2	12.2#

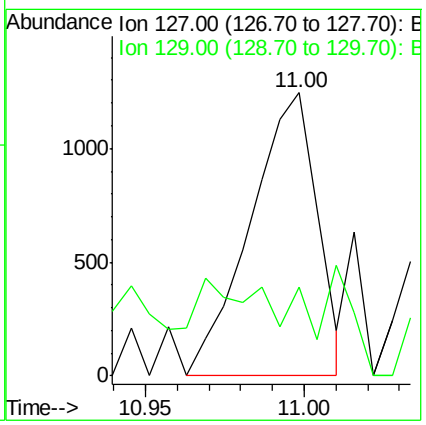


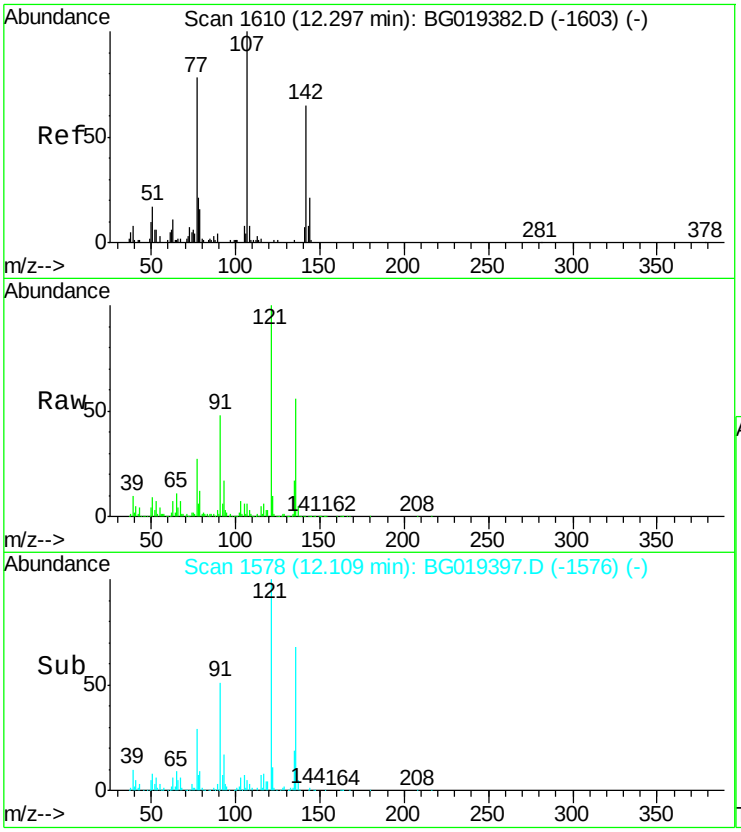


#30
4-Chloroaniline
Concen: 1.69 ng/ul
RT: 11.00 min Scan# 1389
Delta R.T. -0.19 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion:127 Resp: 1831

Ion	Ratio	Lower	Upper
127	100		
129	26.3	24.6	36.8



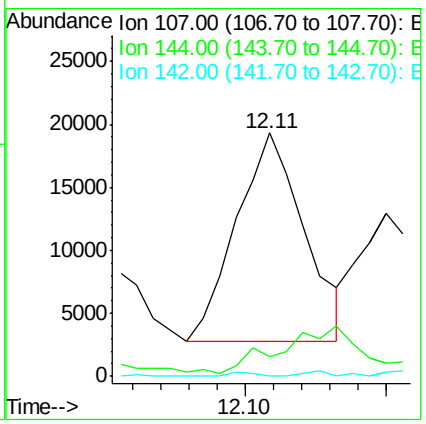


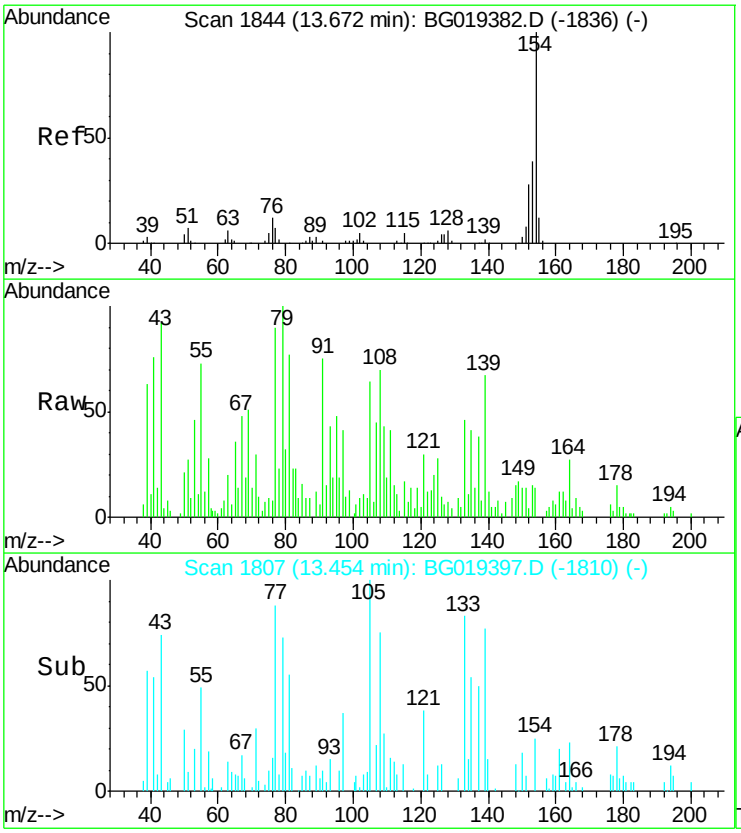
#33
4-Chloro-3-methylphenol
Concen: 20.93 ng/ul
RT: 12.11 min Scan# 1578
Delta R.T. -0.19 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion:107 Resp: 27445

Ion	Ratio	Lower	Upper
107	100		
144	7.9	13.0	19.6#
142	0.0	47.0	70.6#

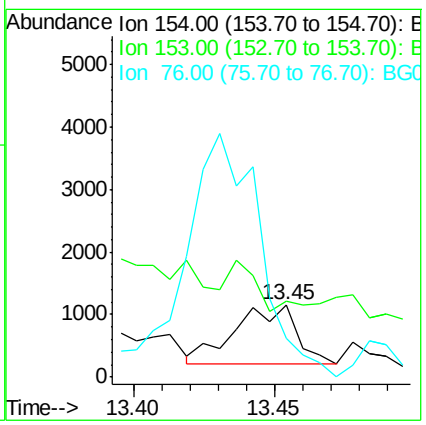


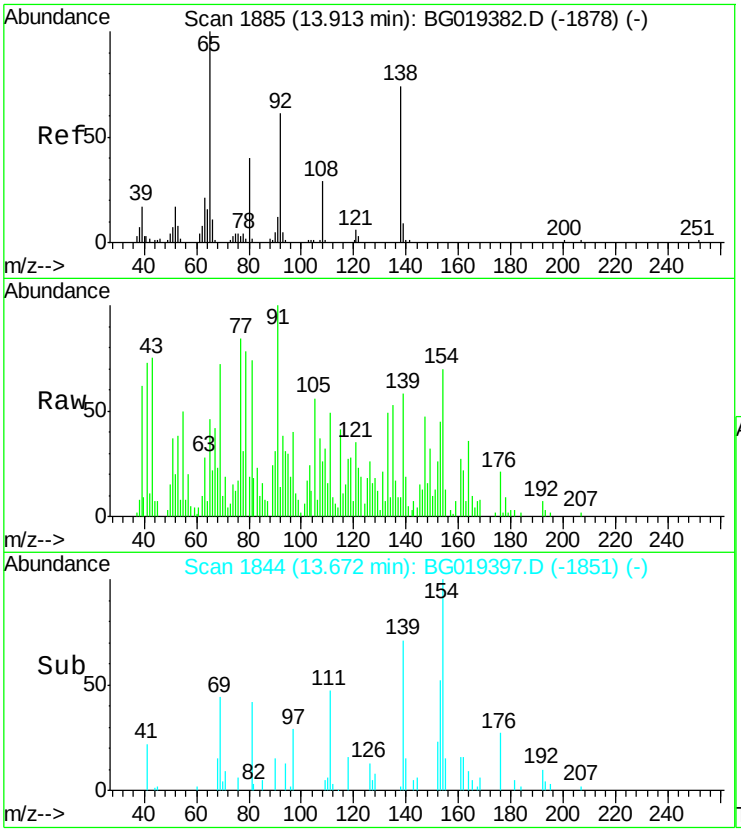


#41
1,1'-Biphenyl
Concen: 1.43 ng/ul
RT: 13.45 min Scan# 1807
Delta R.T. -0.22 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion:154 Resp: 1403

Ion	Ratio	Lower	Upper
154	100		
153	105.8	32.8	49.2#
76	53.2	7.7	11.5#



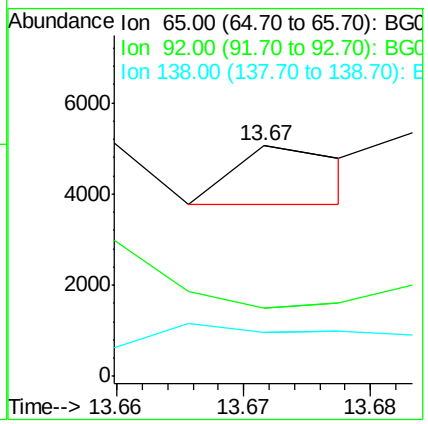


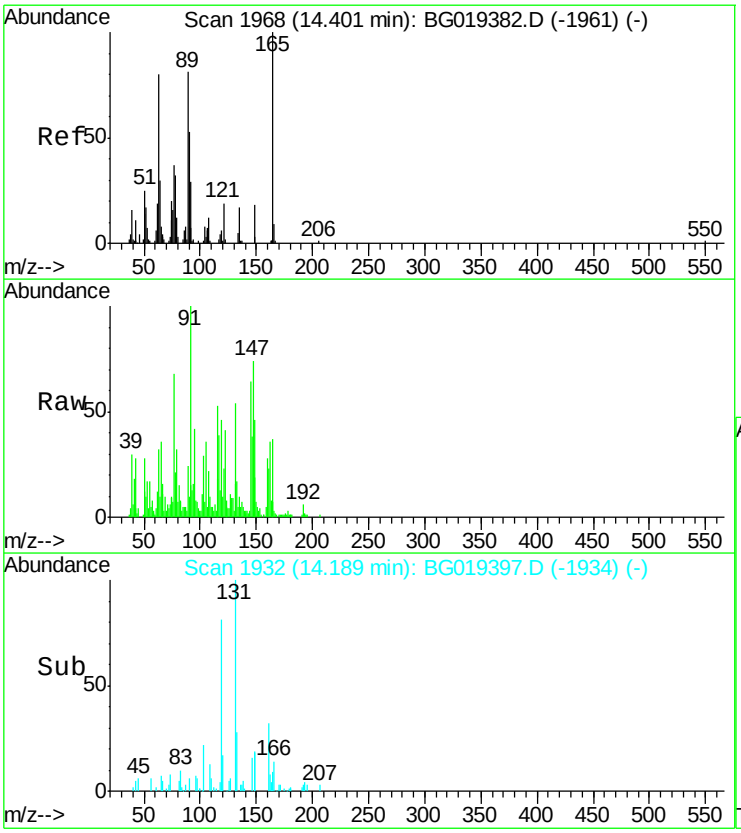
#43
2-Nitroaniline
Concen: 2.49 ng/ul
RT: 13.67 min Scan# 1844
Delta R.T. -0.24 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion: 65 Resp: 812

Ion	Ratio	Lower	Upper
65	100		
92	29.7	54.9	82.3#
138	19.2	64.4	96.6#

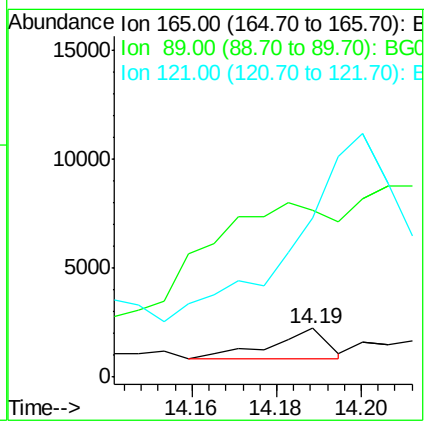


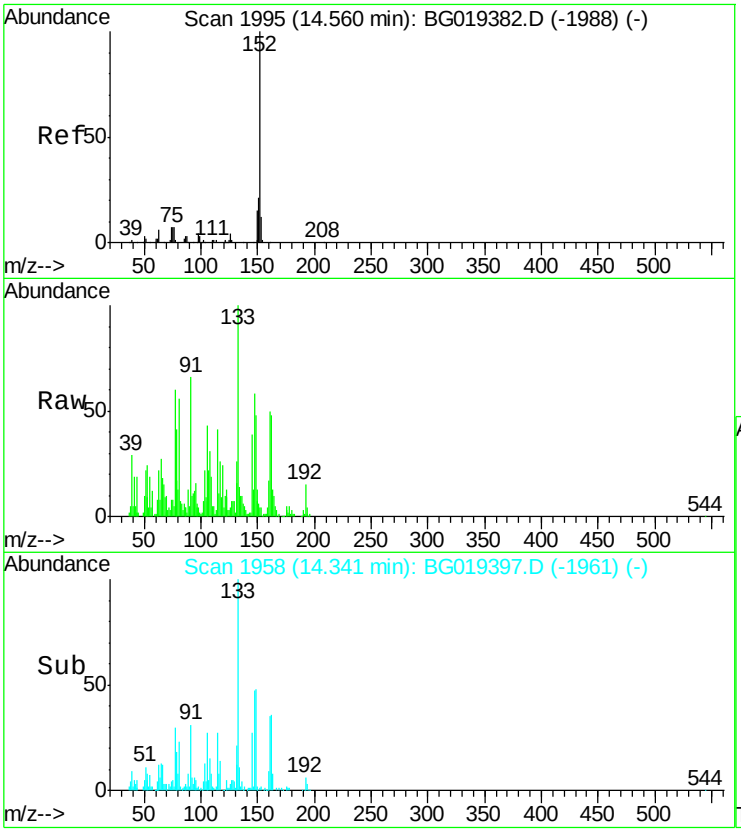


#46
2,6-Dinitrotoluene
Concen: 5.56 ng/ul
RT: 14.19 min Scan# 1932
Delta R.T. -0.21 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion:165 Resp: 1313

Ion	Ratio	Lower	Upper
165	100		
89	340.5	66.7	100.1#
121	325.0	17.0	25.4#



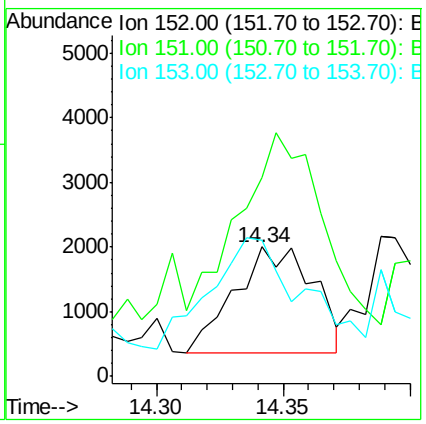


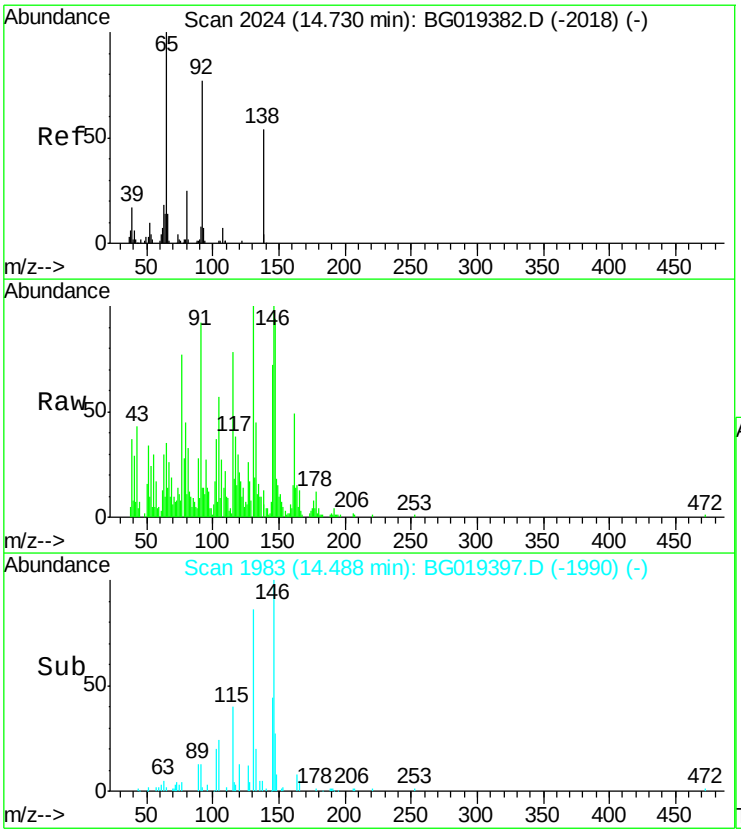
#48
Acenaphthylene
Concen: 2.73 ng/ul
RT: 14.34 min Scan# 1958
Delta R.T. -0.22 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion:152 Resp: 3531

Ion	Ratio	Lower	Upper
152	100		
151	154.4	16.9	25.3#
153	105.5	10.8	16.2#

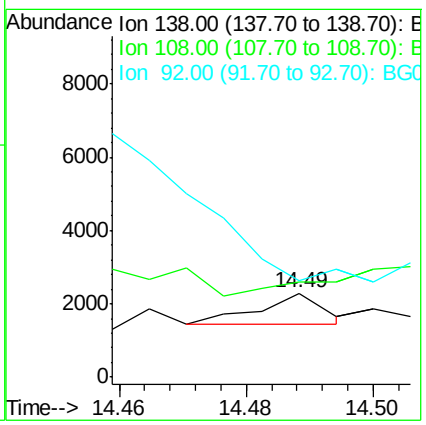


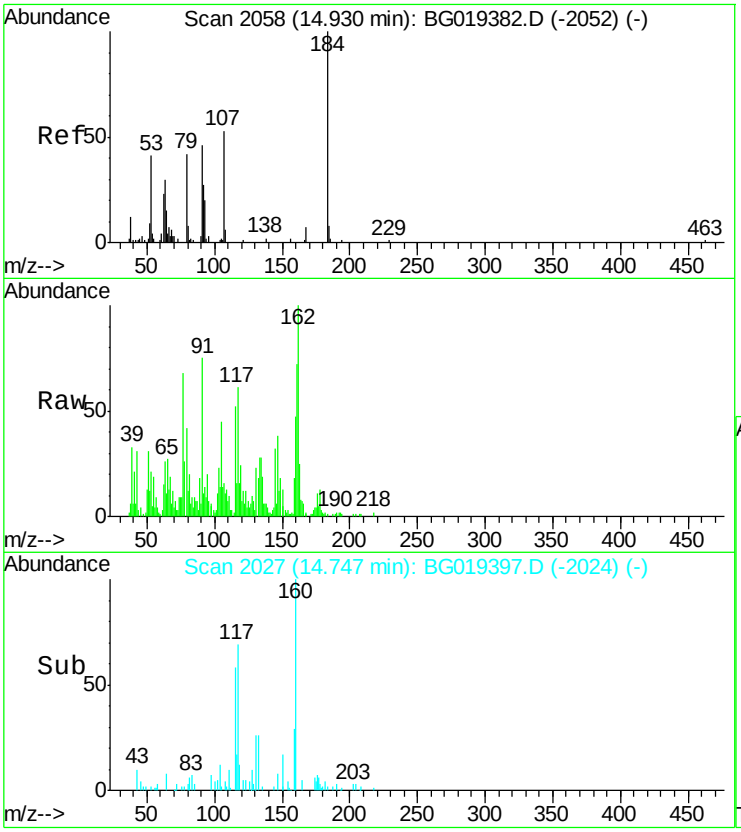


#49
3-Nitroaniline
Concen: 3.01 ng/ul
RT: 14.49 min Scan# 1983
Delta R.T. -0.24 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion:138 Resp: 612

Ion	Ratio	Lower	Upper
138	100		
108	113.6	11.7	17.5#
92	115.2	115.9	173.9#



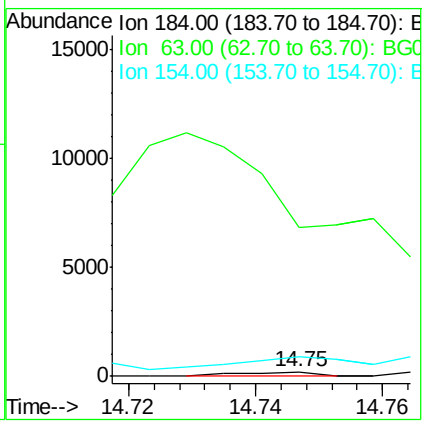


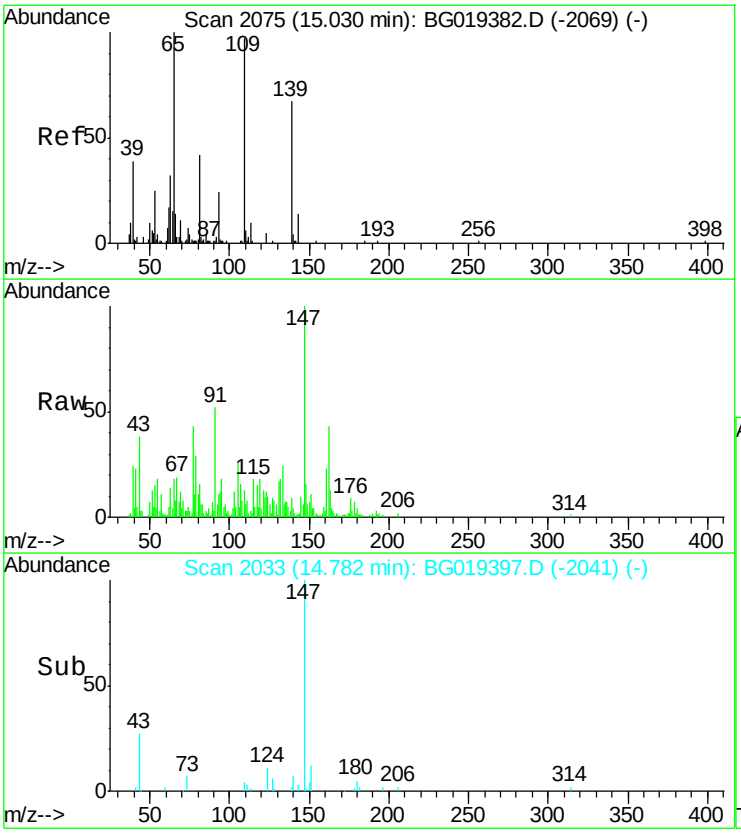
#51
2,4-Dinitrophenol
Concen: 1.03 ng/ul
RT: 14.75 min Scan# 2027
Delta R.T. -0.18 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion:184 Resp: 182

Ion	Ratio	Lower	Upper
184	100		
63	3496.4	52.6	78.8#
154	450.5	66.1	99.1#

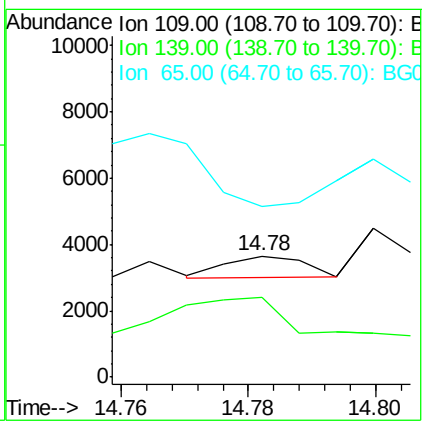


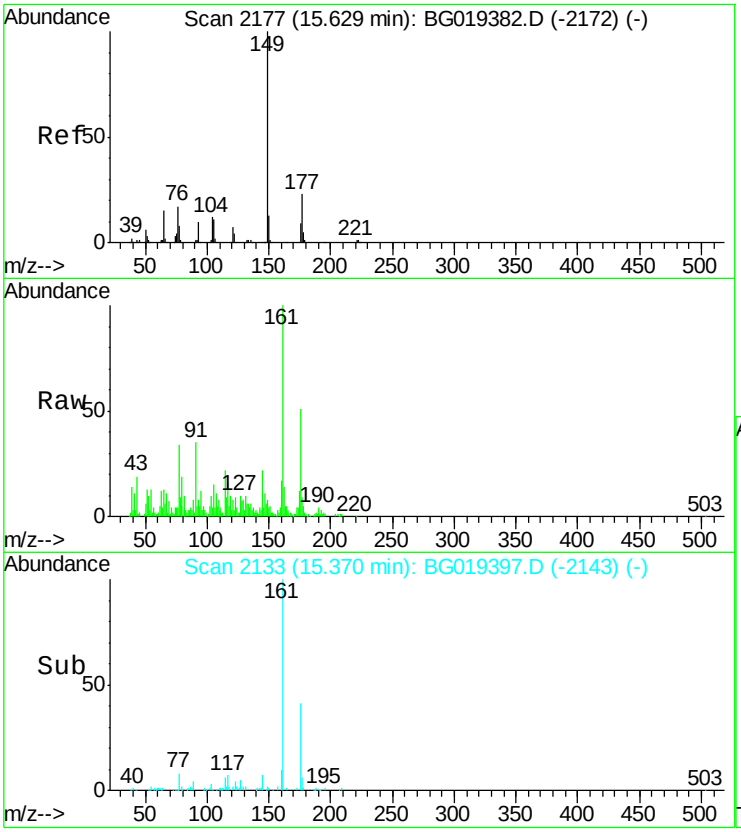


#53
4-Nitrophenol
Concen: 1.91 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. -0.25 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion:109 Resp: 541

Ion	Ratio	Lower	Upper
109	100		
139	66.0	41.5	62.3#
65	140.6	73.7	110.5#



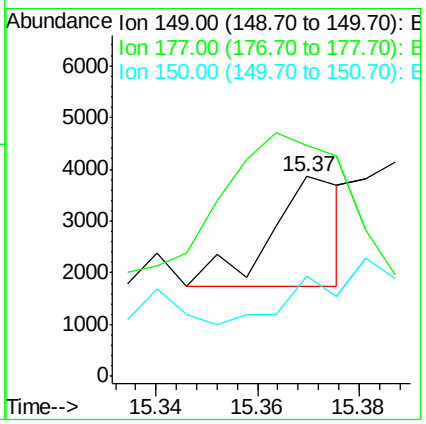


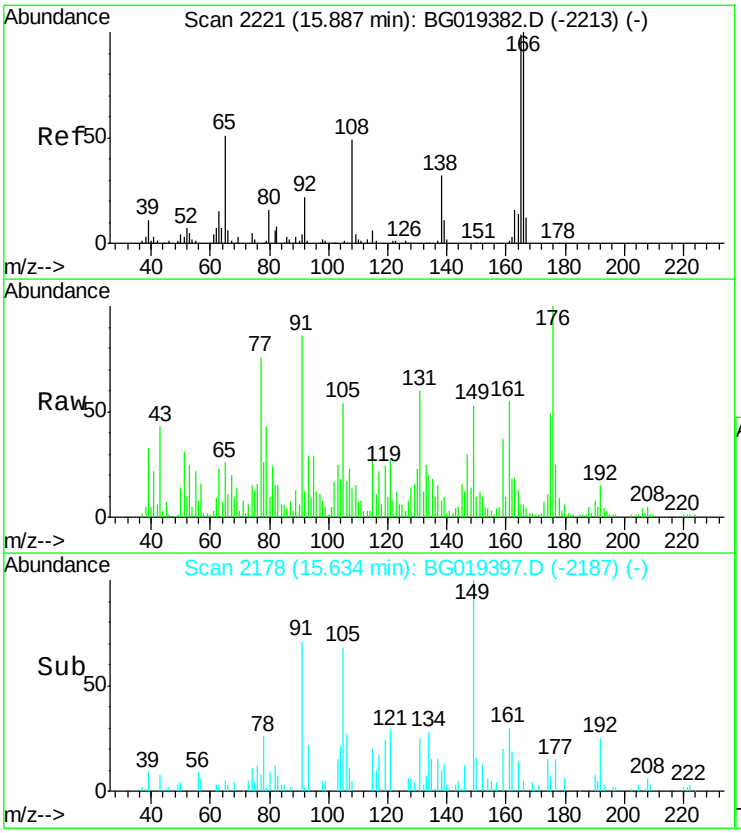
#57
Diethylphthalate
Concen: 1.85 ng/ul
RT: 15.37 min Scan# 2133
Delta R.T. -0.26 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion:149 Resp: 2129

Ion	Ratio	Lower	Upper
149	100		
177	115.7	20.6	30.8#
150	50.0	11.2	16.8#

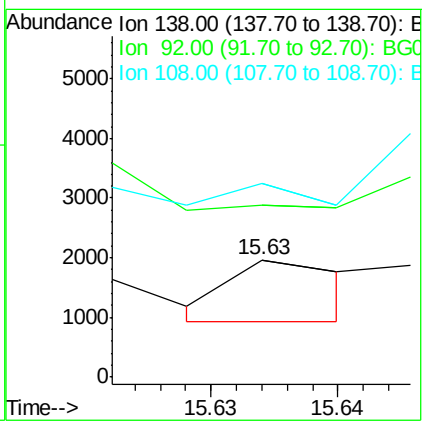


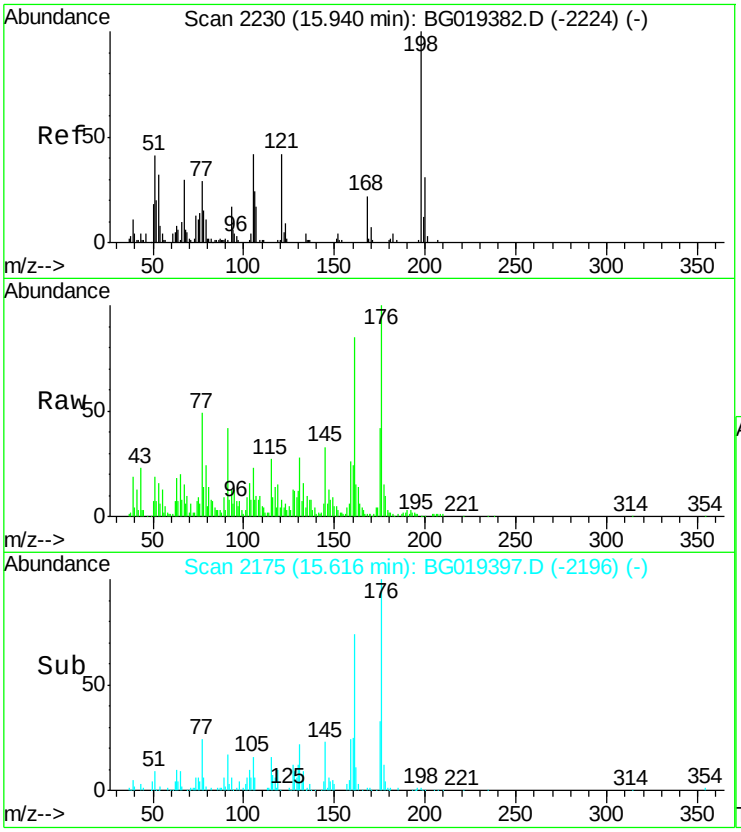


#61
4-Nitroaniline
Concen: 2.85 ng/ul
RT: 15.63 min Scan# 2178
Delta R.T. -0.25 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion:138 Resp: 665

Ion	Ratio	Lower	Upper
138	100		
92	146.7	53.9	80.9#
108	164.5	122.5	183.7



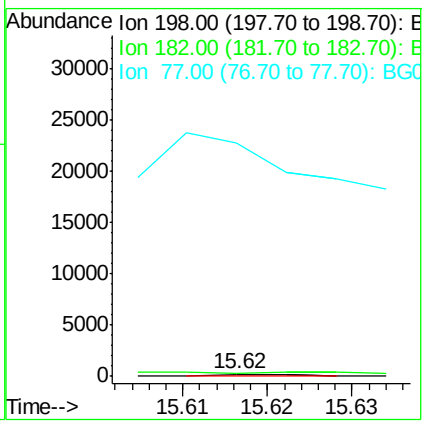


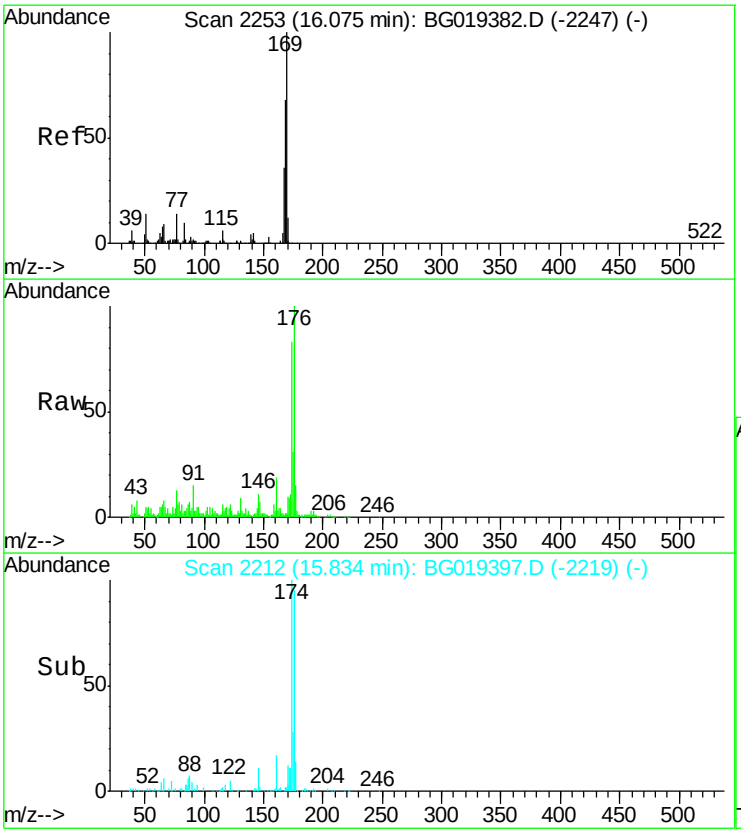
#64
4,6-Dinitro-2-methylphenol
Concen: 14.66 ng/ul
RT: 15.62 min Scan# 2175
Delta R.T. -0.32 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion:198 Resp: 140

Ion	Ratio	Lower	Upper
198	100		
182	80.9	2.0	3.0#
77	5874.2	23.2	34.8#

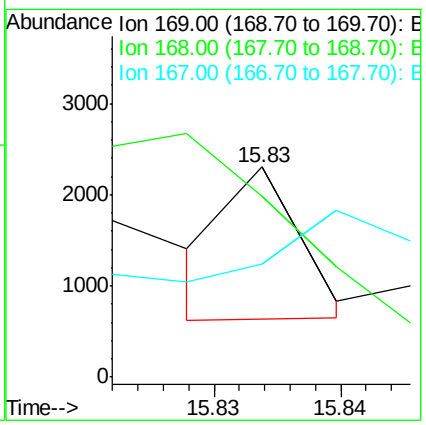


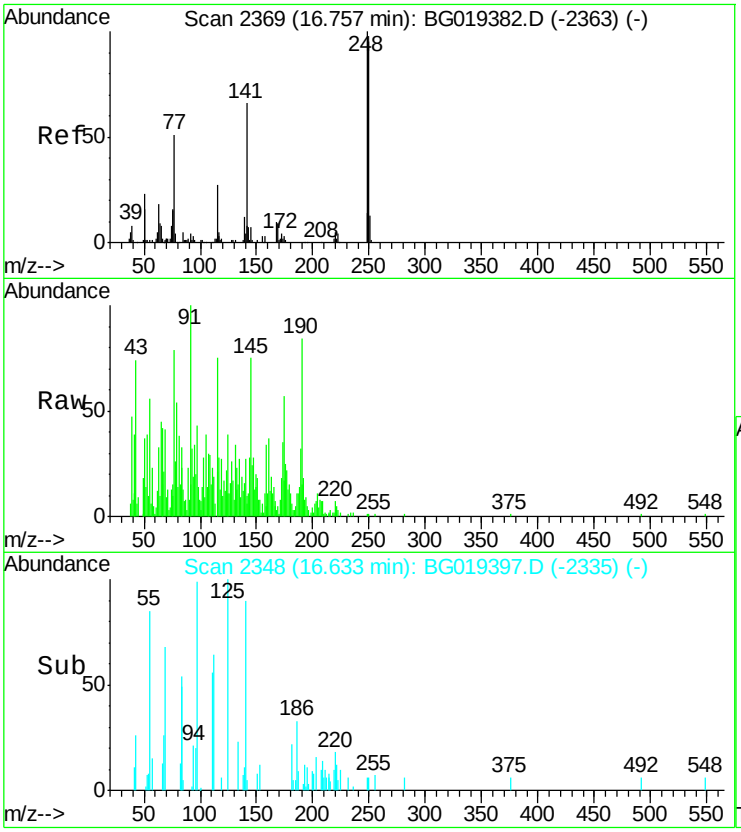


#65
N-Nitrosodiphenylamine
Concen: 18.48 ng/ul
RT: 15.83 min Scan# 2212
Delta R.T. -0.24 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion:169 Resp: 652

Ion	Ratio	Lower	Upper
169	100		
168	86.5	51.1	76.7#
167	54.1	26.9	40.3#



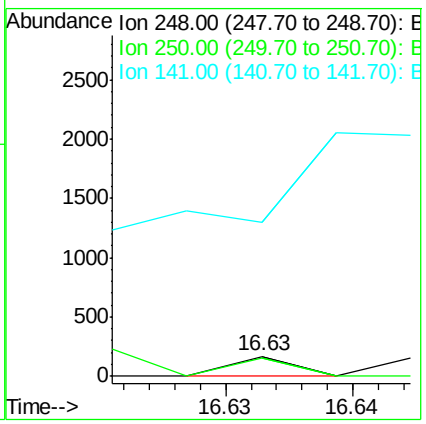


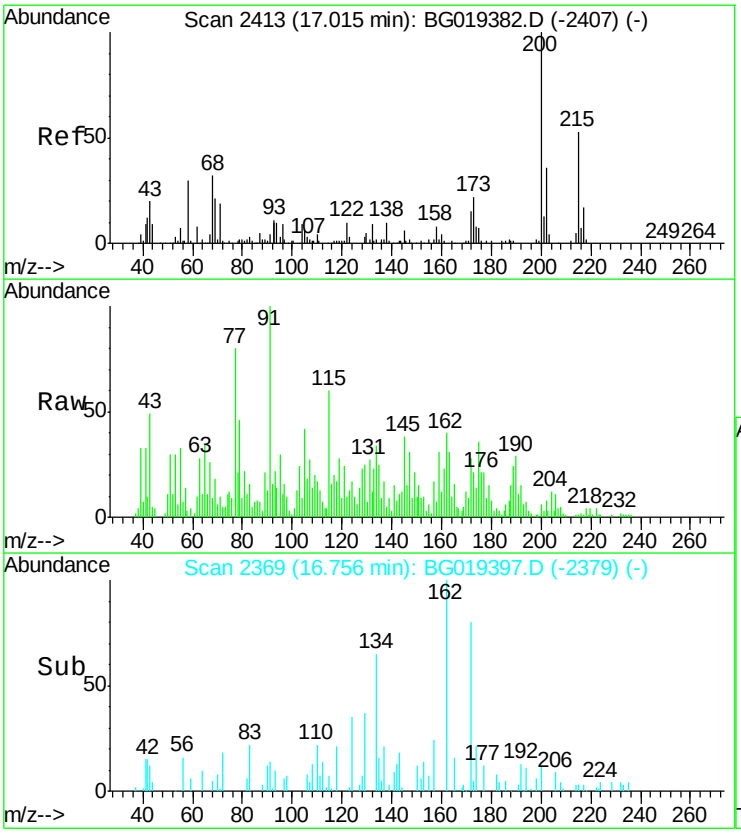
#66
4-Bromophenyl-phenylether
Concen: 3.64 ng/ul
RT: 16.63 min Scan# 2348
Delta R.T. -0.12 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion:248 Resp: 59

Ion	Ratio	Lower	Upper
248	100		
250	94.6	77.4	116.0
141	775.0	52.3	78.5#

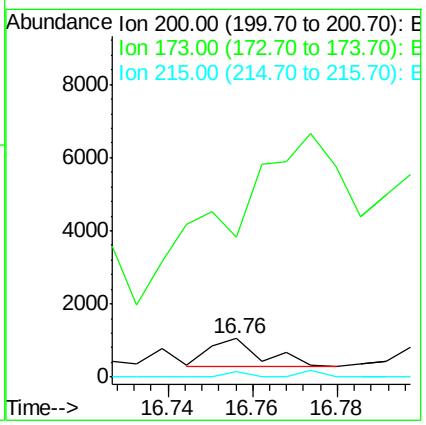


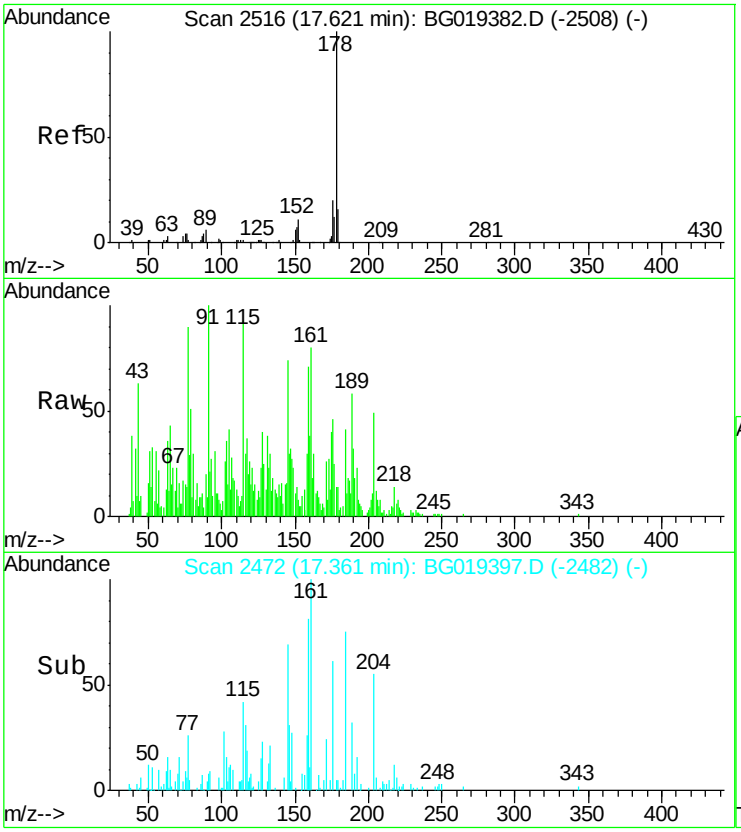


#68
Atrazine
Concen: 38.14 ng/ul
RT: 16.76 min Scan# 2369
Delta R.T. -0.26 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion:200 Resp: 667

Ion	Ratio	Lower	Upper
200	100		
173	362.8	16.9	25.3#
215	14.7	41.0	61.6#



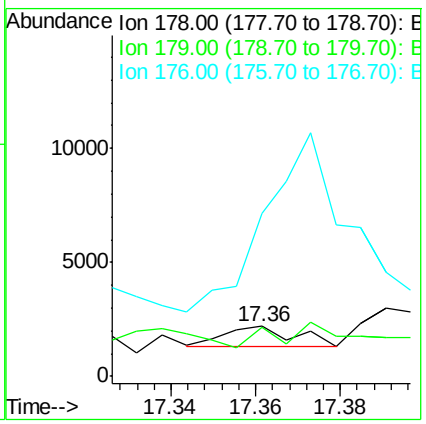


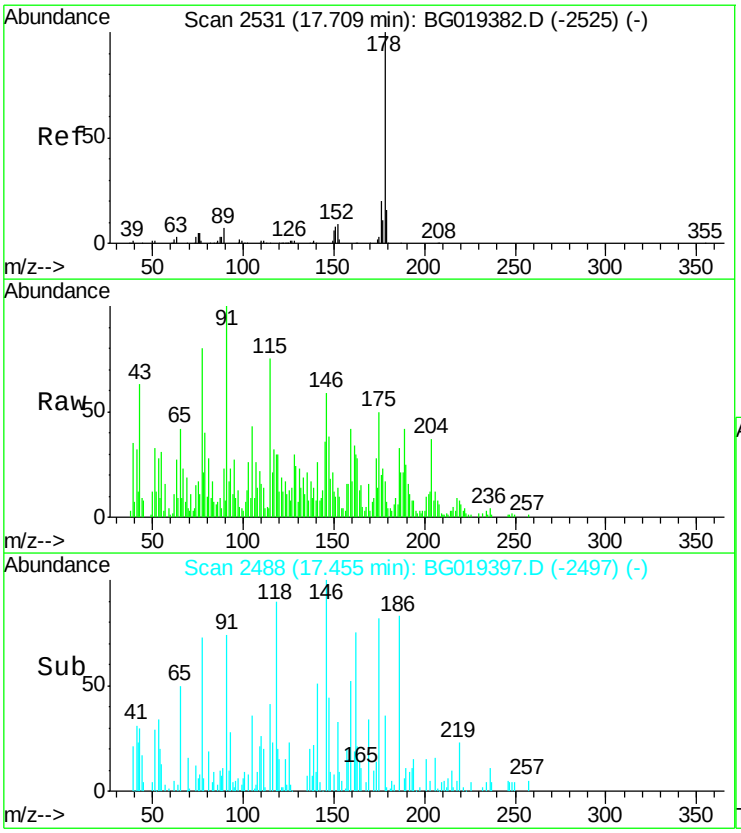
#70
Phenanthrene
Concen: 14.90 ng/ul
RT: 17.36 min Scan# 2472
Delta R.T. -0.26 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion:178 Resp: 1026

Ion	Ratio	Lower	Upper
178	100		
179	97.4	12.6	18.8#
176	324.0	14.3	21.5#

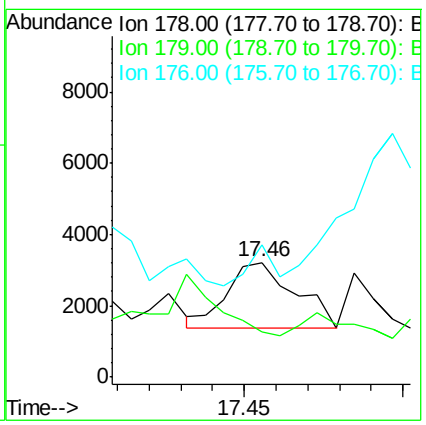


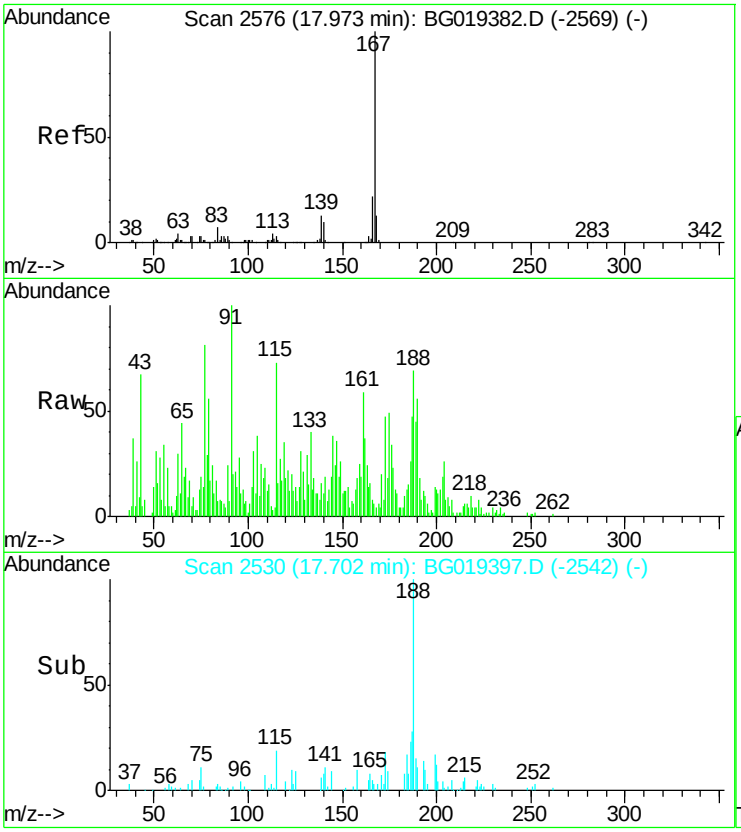


#72
Anthracene
Concen: 38.45 ng/ul
RT: 17.46 min Scan# 2488
Delta R.T. -0.25 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion:178 Resp: 2698

Ion	Ratio	Lower	Upper
178	100		
179	39.5	11.6	17.4#
176	115.5	14.2	21.4#



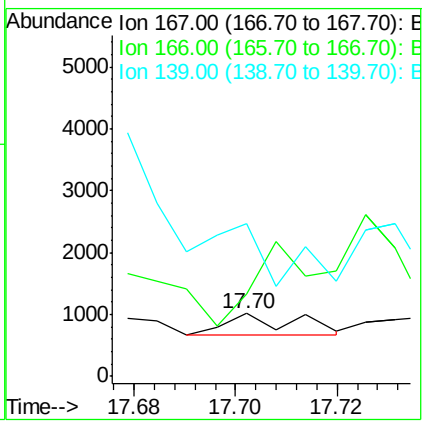


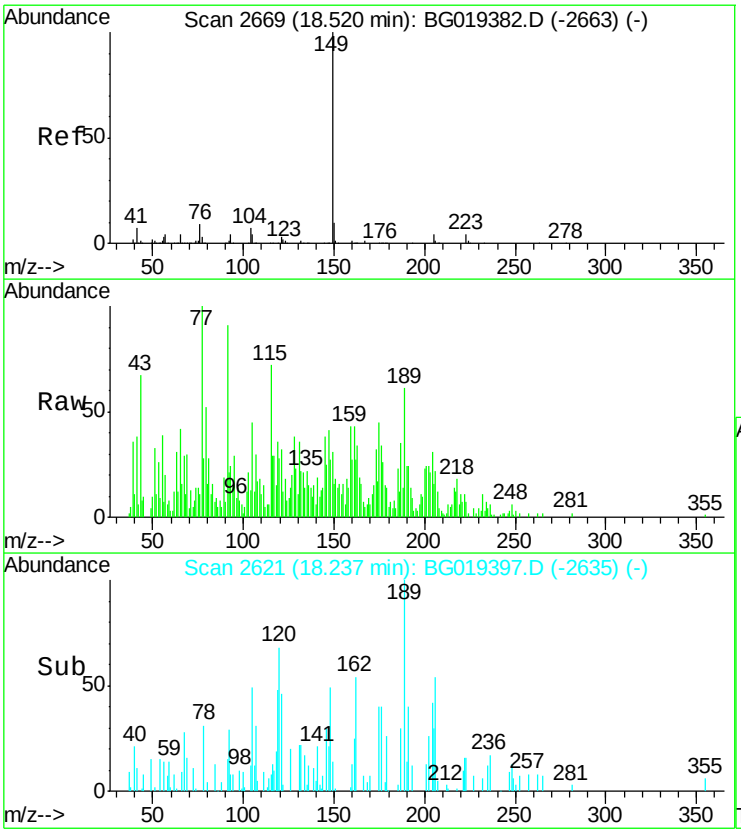
#75
Carbazole
Concen: 5.68 ng/ul
RT: 17.70 min Scan# 2530
Delta R.T. -0.27 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion:167 Resp: 318

Ion	Ratio	Lower	Upper
167	100		
166	130.8	16.8	25.2#
139	242.3	9.8	14.6#

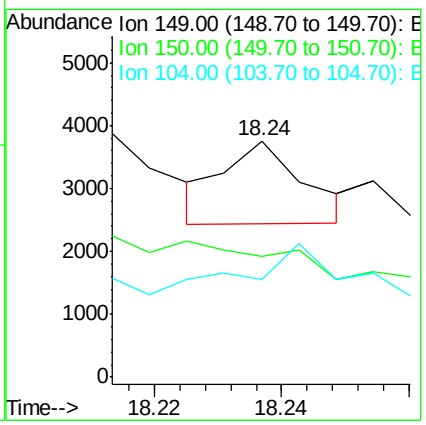


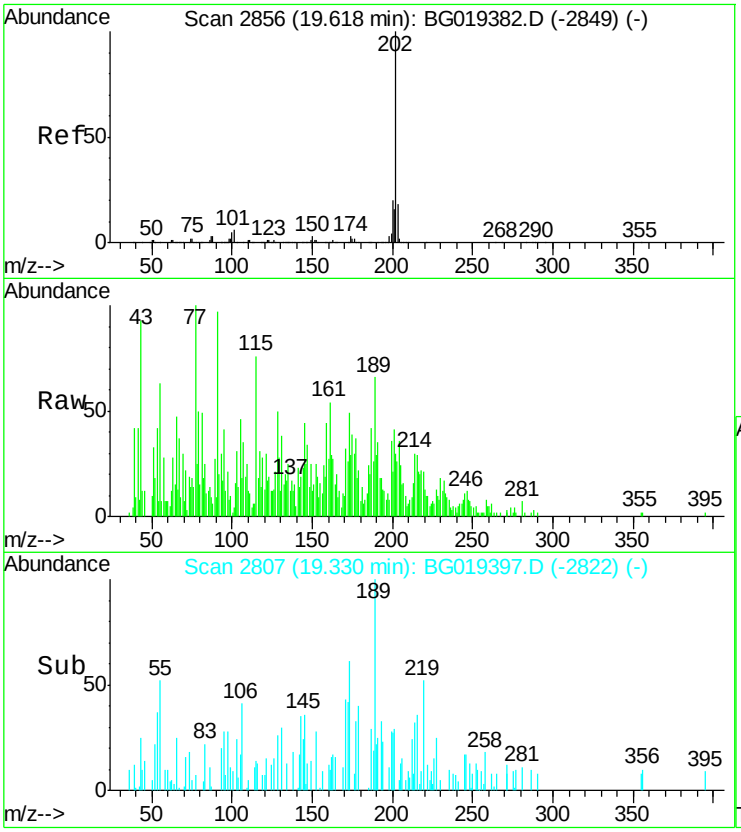


#76
Di-n-butylphthalate
Concen: 16.63 ng/ul
RT: 18.24 min Scan# 2621
Delta R.T. -0.28 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion:149 Resp: 1154

Ion	Ratio	Lower	Upper
149	100		
150	51.1	7.5	11.3#
104	41.4	6.9	10.3#



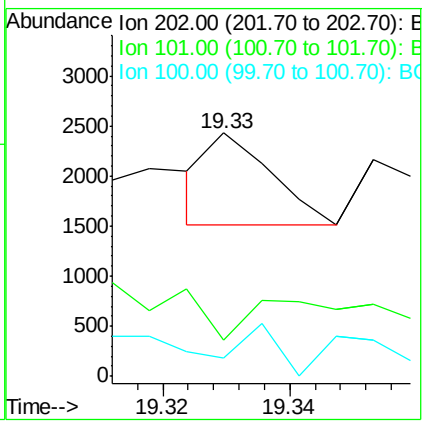


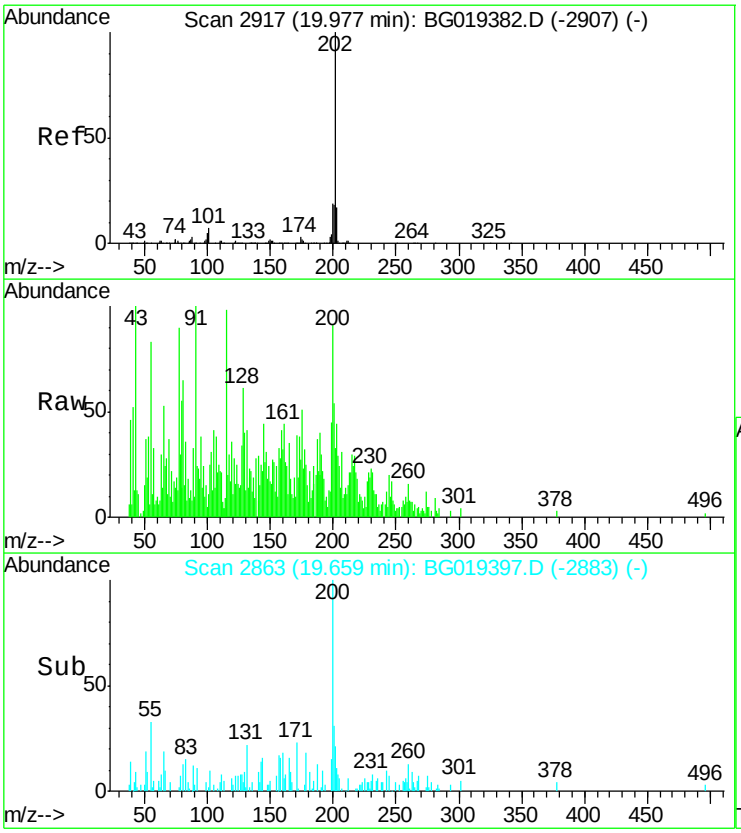
#77
Fluoranthene
Concen: 7.06 ng/ul
RT: 19.33 min Scan# 2807
Delta R.T. -0.29 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion:202 Resp: 629

Ion	Ratio	Lower	Upper
202	100		
101	14.8	4.0	6.0#
100	7.4	3.6	5.4#

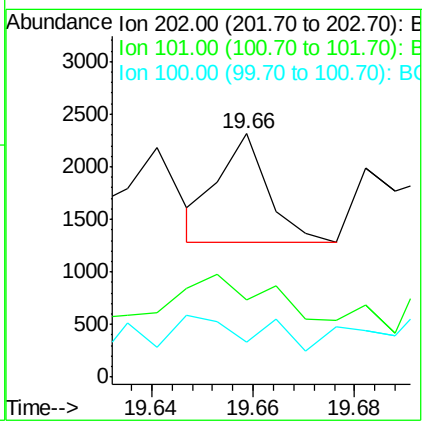


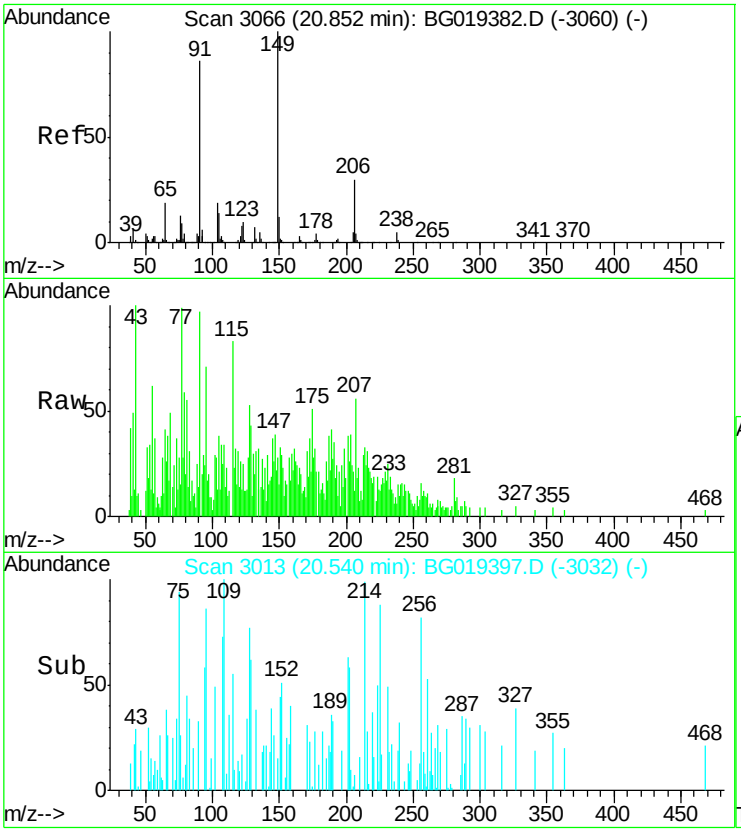


#80
Pyrene
Concen: 21.17 ng/ul
RT: 19.66 min Scan# 2863
Delta R.T. -0.32 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion:202 Resp: 701

Ion	Ratio	Lower	Upper
202	100		
101	31.9	4.3	6.5#
100	14.6	3.6	5.4#



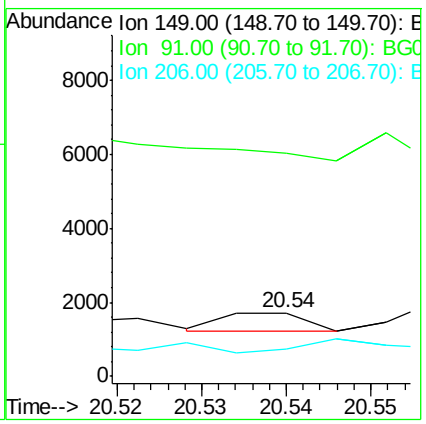


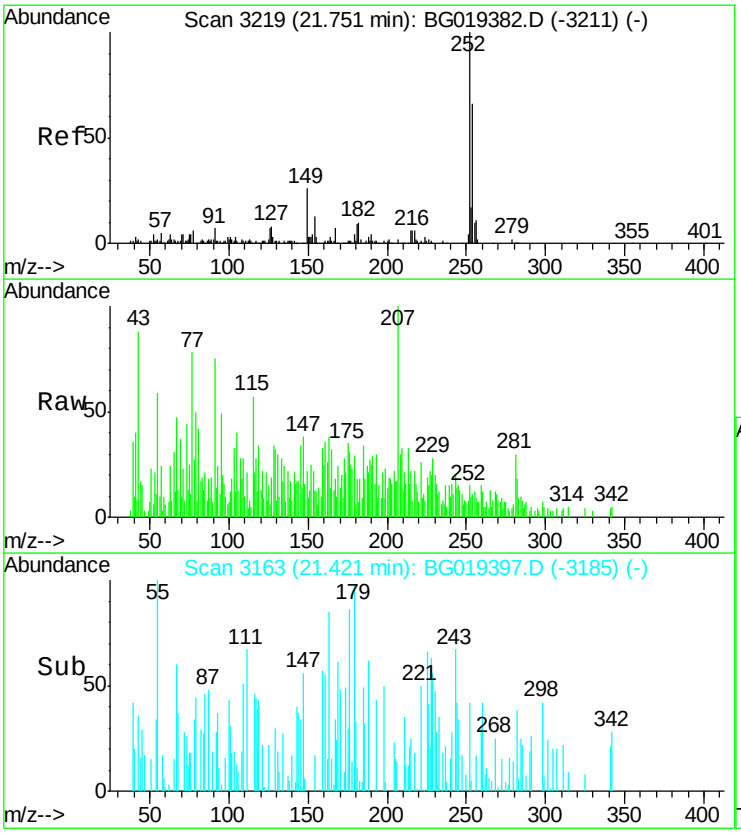
#81
Butylbenzylphthalate
Concen: 31.60 ng/ul
RT: 20.54 min Scan# 3013
Delta R.T. -0.31 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion:149 Resp: 340

Ion	Ratio	Lower	Upper
149	100		
91	349.9	76.5	114.7#
206	43.7	22.1	33.1#

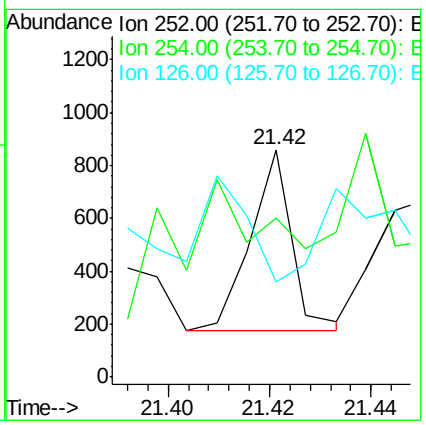


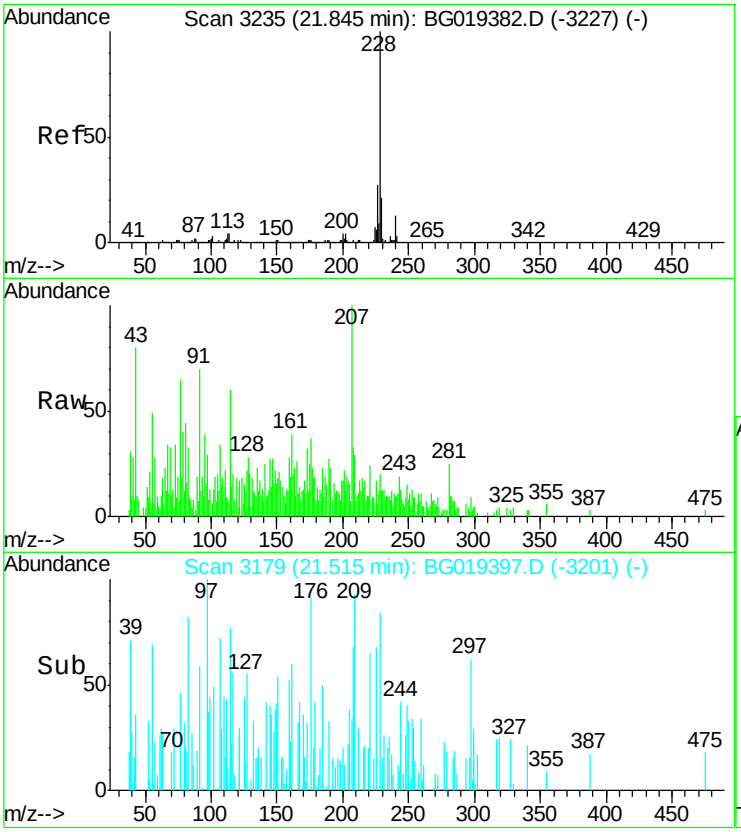


#82
3,3'-Dichlorobenzidine
Concen: 33.65 ng/ul
RT: 21.42 min Scan# 3163
Delta R.T. -0.33 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion:252 Resp: 389

Ion	Ratio	Lower	Upper
252	100		
254	70.2	49.2	73.8
126	41.7	4.3	6.5#



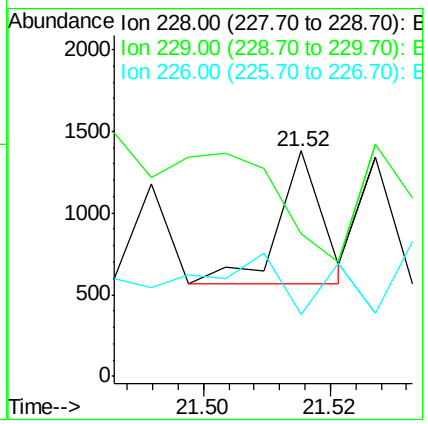


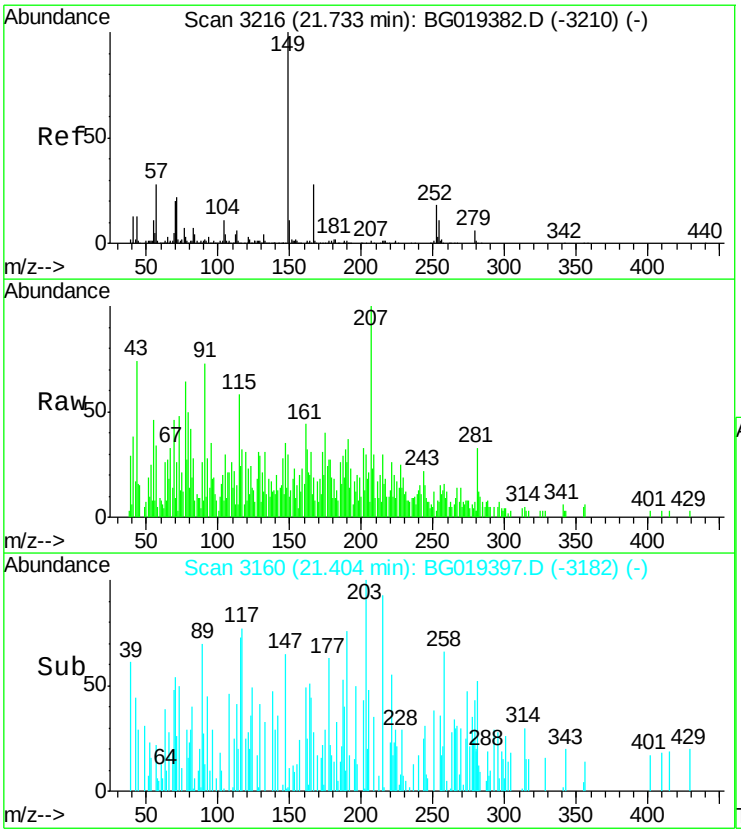
#83
Benzo(a)anthracene
Concen: 11.44 ng/ul
RT: 21.52 min Scan# 3179
Delta R.T. -0.33 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion:228 Resp: 393

Ion	Ratio	Lower	Upper
228	100		
229	63.5	15.8	23.8#
226	27.5	21.8	32.6

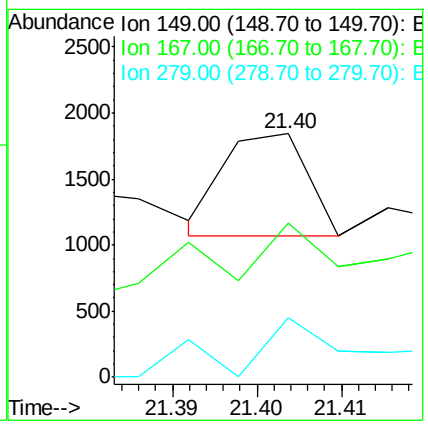


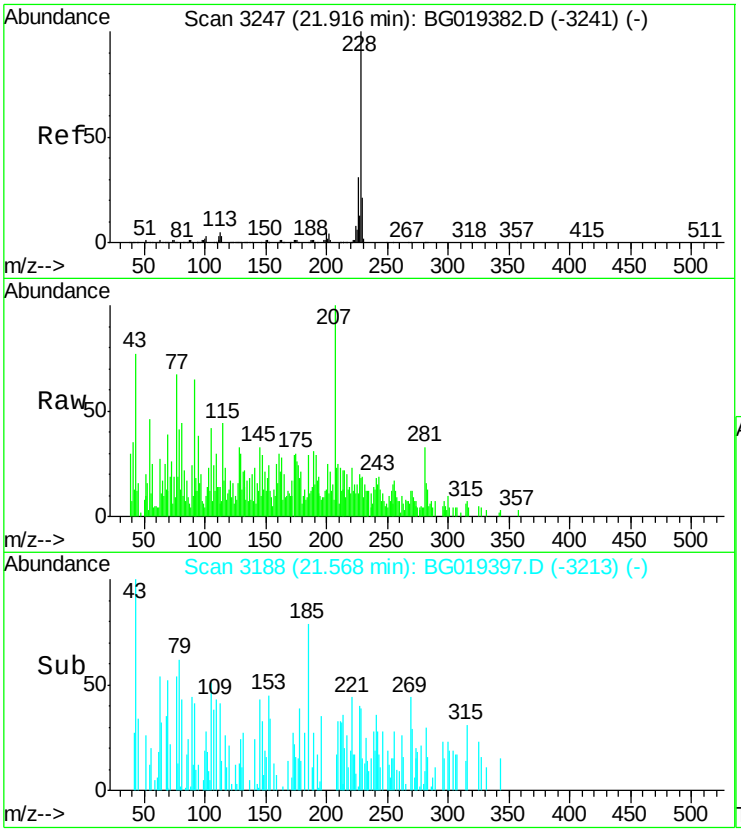


#84
Bis(2-ethylhexyl)phthalate
Concen: 34.20 ng/ul
RT: 21.40 min Scan# 3160
Delta R.T. -0.33 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Tgt Ion:149 Resp: 523

Ion	Ratio	Lower	Upper
149	100		
167	63.1	23.2	34.8#
279	24.4	5.0	7.4#





#85
Chrysene
Concen: 31.71 ng/ul
RT: 21.57 min Scan# 3188
Delta R.T. -0.35 min
Lab File: BG019397.D
Acq: 29 Oct 2015 1:29

Instrument :
BNA_G
ClientSampleId :
E5LT4

Tgt Ion:228 Resp: 1022

Ion	Ratio	Lower	Upper
228	100		
226	61.9	24.6	36.8#
229	101.2	17.3	25.9#