Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
Data File : BG021709.D
Acq On : 16 Apr 2016 9:27
Operator : UM/SJ
Sample : H2558-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-14-5-10

Quant Time: Apr 18 01:12:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	28300	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	120030	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	84152	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	169117	20.00	ng		0.00
75) Chrysene-d12	21.83	240	194459	20.00	ng		0.00
86) Perylene-d12	25.16	264	193961	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	208324	122.58	ng		0.01
7) Phenol-d6	7.37	99	294778	116.12	ng		0.02
23) Nitrobenzene-d5	9.39	82	226416	96.96	ng		0.00
41) 2,4,6-Tribromophenol	16.32	330	132694	146.31	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	472160	82.21	ng		0.00
78) Terphenyl-d14	20.15	244	664732	85.30	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.36	77	22466	15.30	ng	#	1
18) Hexachloroethane	9.33	117	96483	114.45	ng	#	1
19) n-Nitroso-di-n-propylamine	9.07	70	4554	2.31	ng	#	81
22) Acetophenone	9.02	105	232670	69.60	ng	#	53
24) Nitrobenzene	9.41	77	16673	6.67	ng	#	25
25) Isophorone	9.95	82	78796	15.42	ng	#	1
26) 2-Nitrophenol	10.14	139	4611	4.83	ng	#	1
28) bis(2-Chloroethoxy)methane	10.47	93	17299	6.37	ng	#	1
31) Naphthalene	11.09	128	149144	23.22	ng	#	77
32) Benzoic acid	10.26	122	2264	6.36	ng	#	1
33) 4-Chloroaniline	11.15	127	14419	5.19	ng	#	1
35) Caprolactam	11.93	113	12814	15.15	ng	#	1
37) 2-Methylnaphthalene	12.68	142	286054	64.87	ng		95
45) 1,1'-Biphenyl	13.67	154	86535	12.21	ng		98
49) Dimethylphthalate	14.27	163	46398	6.38	ng	#	72
50) 2,6-Dinitrotoluene	14.37	165	5689	4.10	ng	#	67
51) Acenaphthene	14.90	154	11296	2.04	ng	#	13
53) 2,4-Dinitrophenol	14.91	184	834	8.87	ng	#	1
54) Dibenzofuran	15.21	168	20066	2.65	ng	#	24
55) 4-Nitrophenol	15.04	139	11475	8.71	ng	#	26
57) Fluorene	15.88	166	32137	4.76	ng	#	59
64) 4,6-Dinitro-2-methylphenol	15.91	198	861	6.48	ng	#	1
65) n-Nitrosodiphenylamine	16.07	169	102739	20.26	ng	#	54
68) Atrazine	17.02	200	15963	7.97	ng		69
70) Phenanthrene	17.61	178	45721	4.91	ng	#	82
74) Fluoranthene	19.60	202	27707	2.49	ng		91
77) Pyrene	19.96	202	67249	6.00	ng	#	94

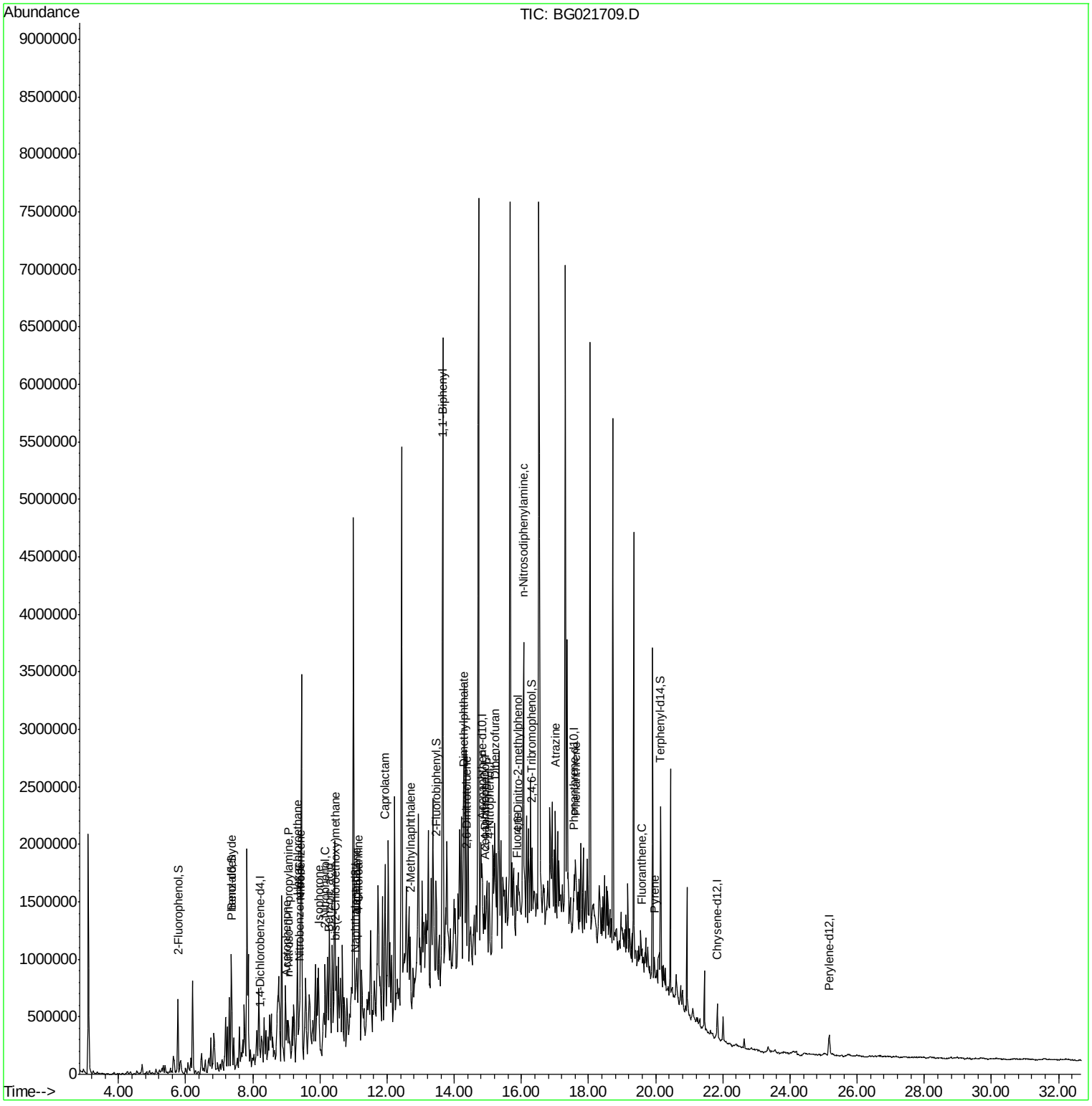
(#) = qualifier out of range (m) = manual integration (+) = signals summed

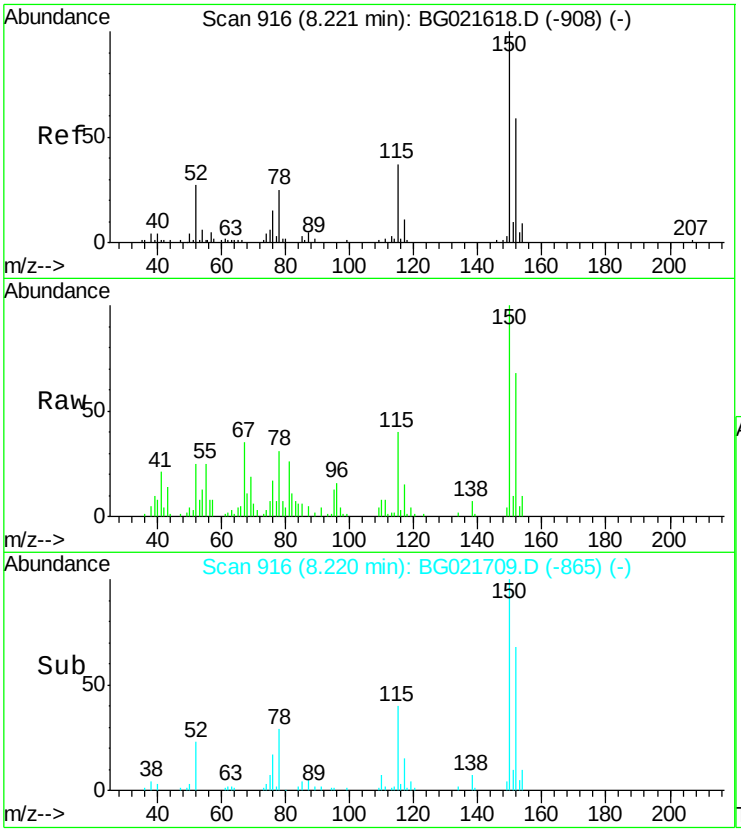
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
Data File : BG021709.D
Acq On : 16 Apr 2016 9:27
Operator : UM/SJ
Sample : H2558-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Quant Time: Apr 18 01:12:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration



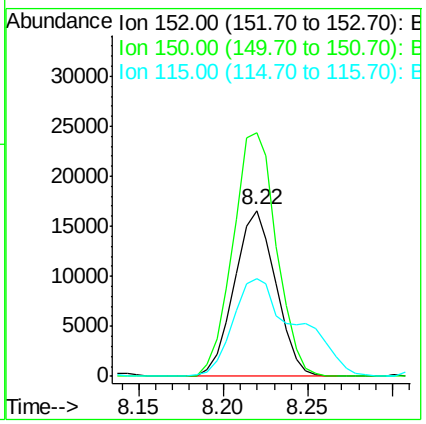


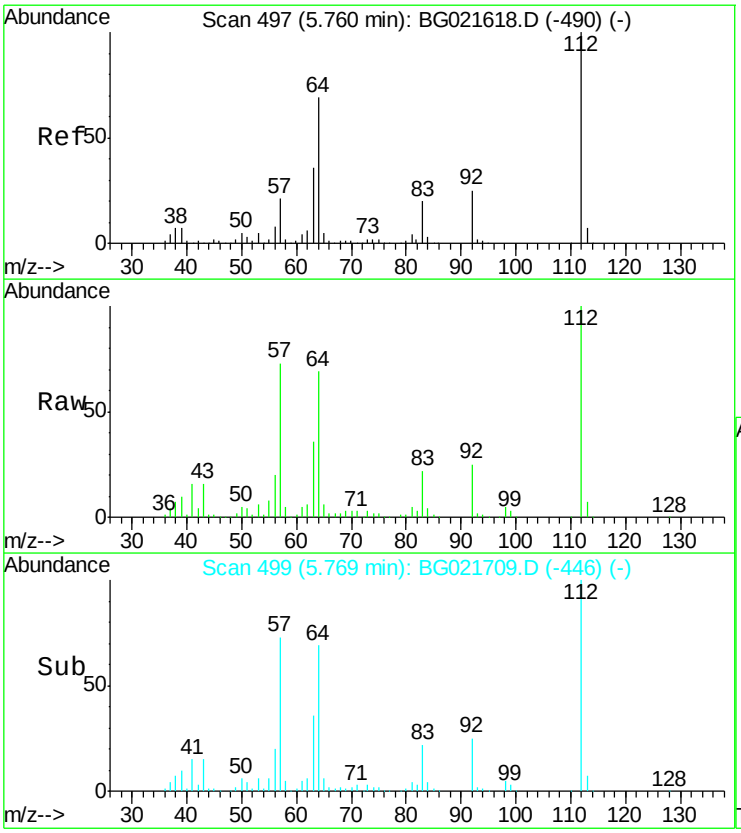
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:152 Resp: 28300

Ion	Ratio	Lower	Upper
152	100		
150	146.7	130.1	195.1
115	59.0	62.2	93.2#

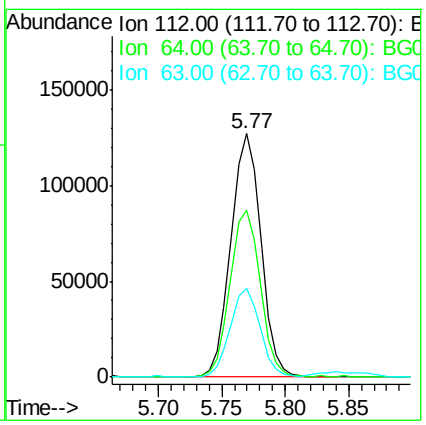


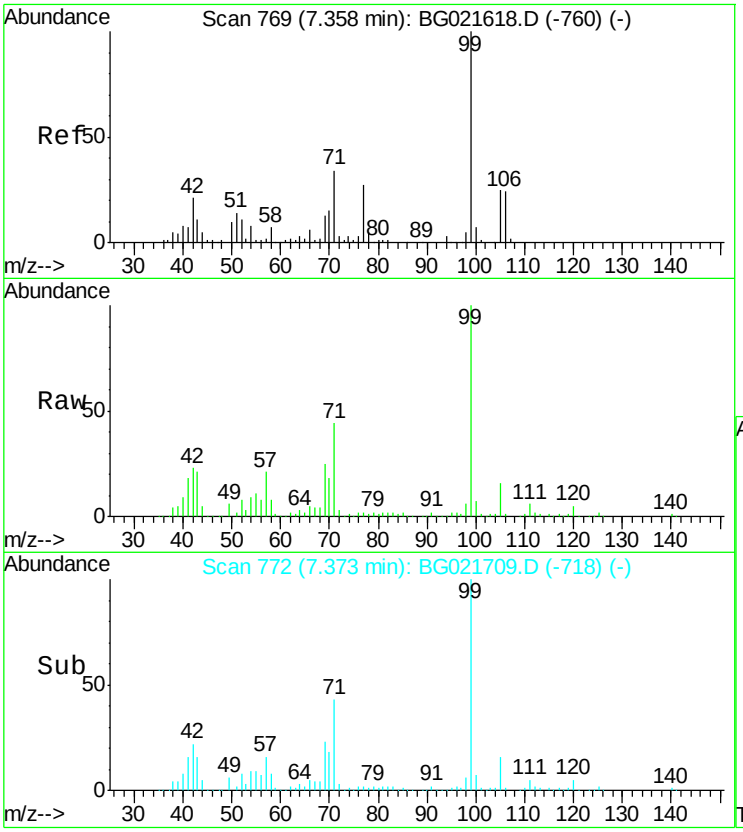


#5
2-Fluorophenol
Concen: 122.58 ng
RT: 5.77 min Scan# 499
Delta R.T. 0.01 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:112 Resp: 208324

Ion	Ratio	Lower	Upper
112	100		
64	68.7	51.1	76.7
63	36.4	24.6	37.0



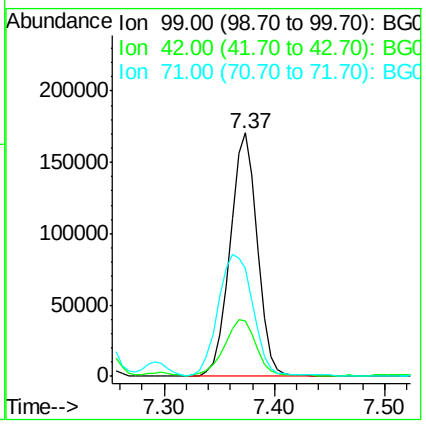


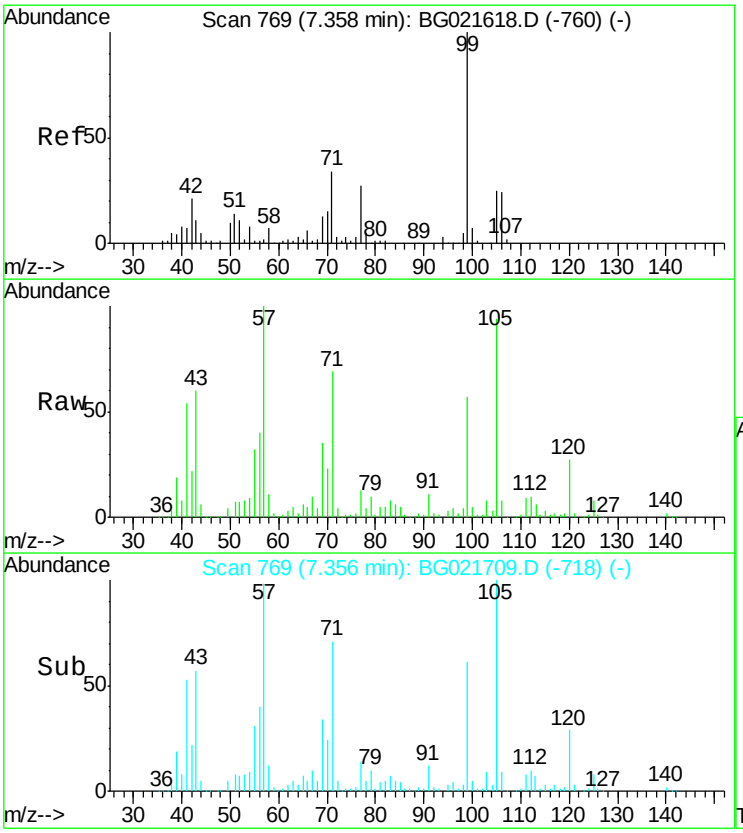
#7
Phenol-d6
Concen: 116.12 ng
RT: 7.37 min Scan# 772
Delta R.T. 0.02 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion: 99 Resp: 294778

Ion	Ratio	Lower	Upper
99	100		
42	22.9	16.4	24.6
71	44.4	25.0	37.4#

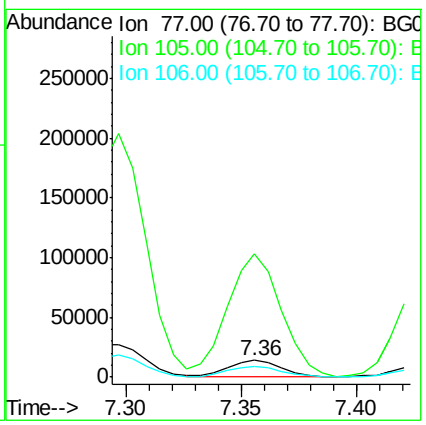


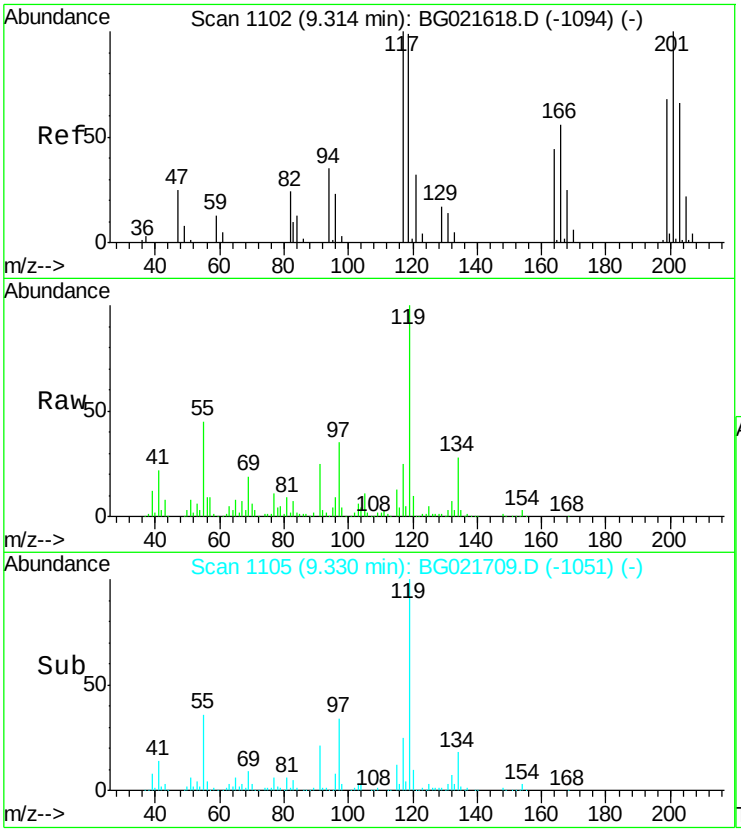


#9
Benzaldehyde
Concen: 15.30 ng
RT: 7.36 min Scan# 769
Delta R.T. -0.00 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion: 77 Resp: 22466

Ion	Ratio	Lower	Upper
77	100		
105	739.4	62.1	102.1#
106	63.3	65.6	105.6#



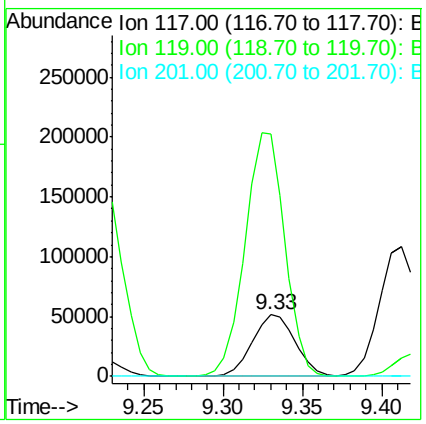


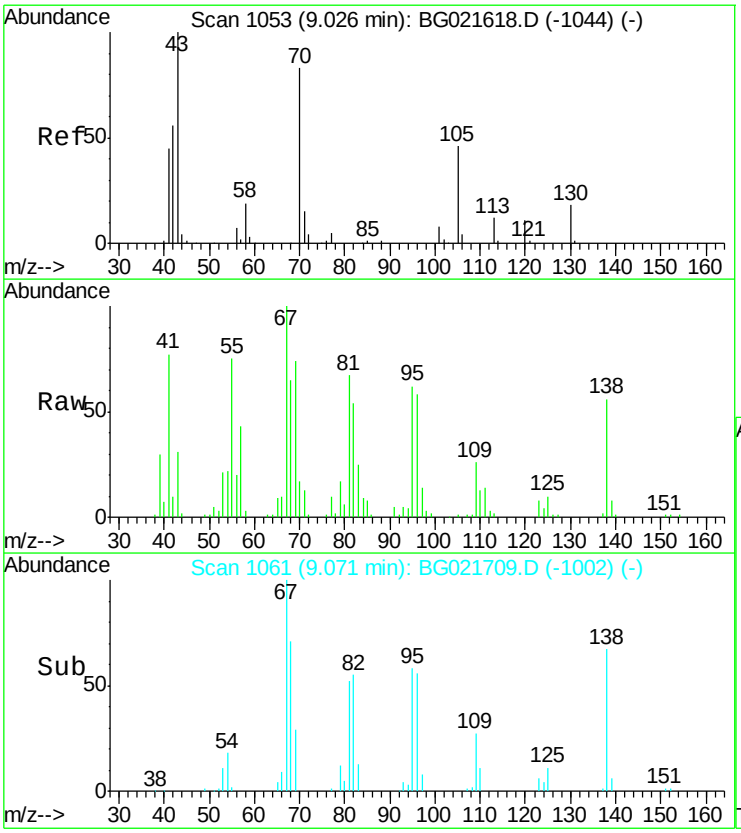
#18
Hexachloroethane
Concen: 114.45 ng
RT: 9.33 min Scan# 1105
Delta R.T. 0.02 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:117 Resp: 96483

Ion	Ratio	Lower	Upper
117	100		
119	395.5	63.9	95.9#
201	0.0	61.2	91.8#

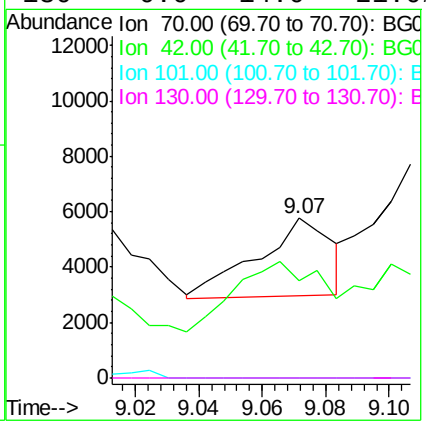


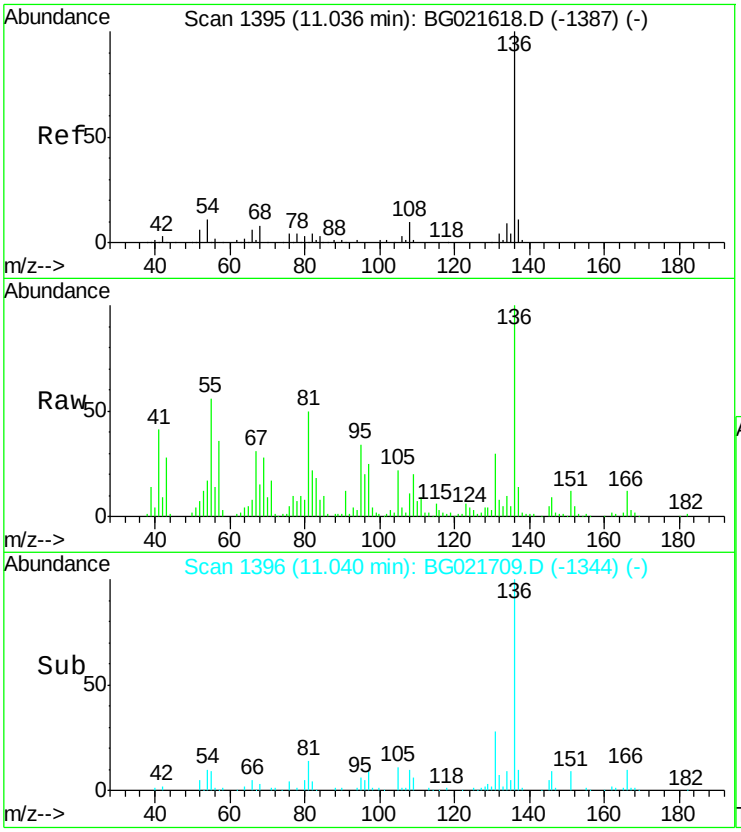


#19
n-Nitroso-di-n-propylamine
Concen: 2.31 ng
RT: 9.07 min Scan# 1061
Delta R.T. 0.05 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion: 70 Resp: 4554

Ion	Ratio	Lower	Upper
70	100		
42	60.7	56.7	85.1
101	0.0	8.2	12.4#
130	0.0	14.0	21.0#



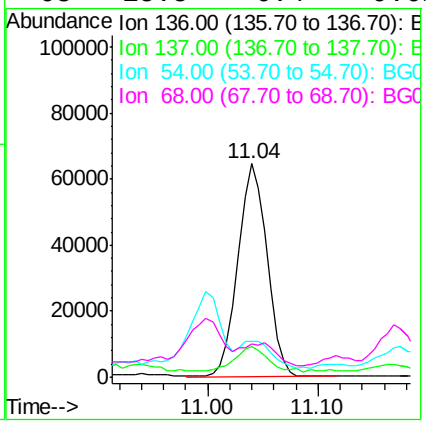


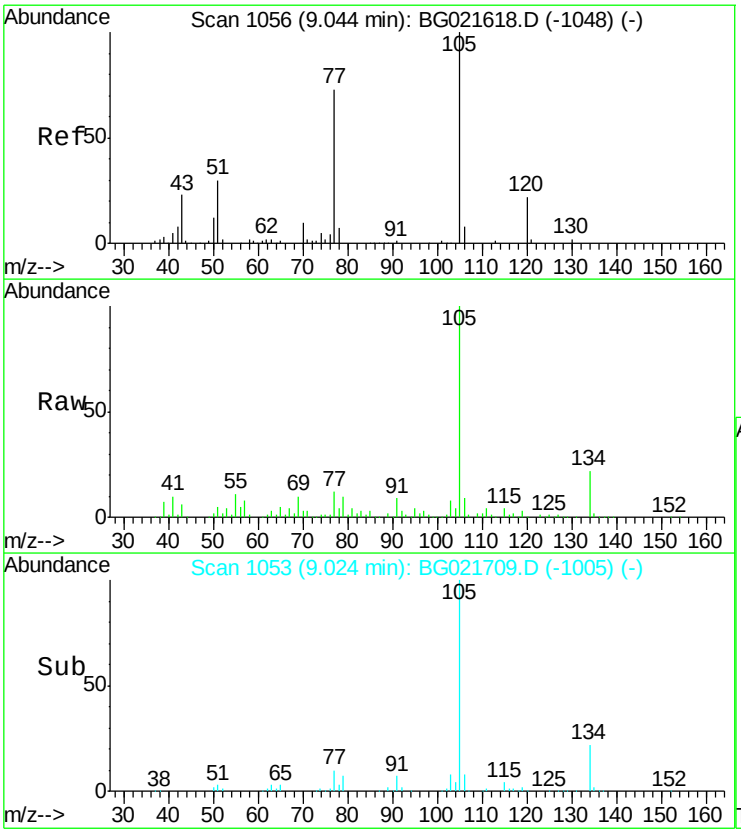
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:136 Resp: 120030

Ion	Ratio	Lower	Upper
136	100		
137	14.2	9.0	13.4#
54	16.9	9.6	14.4#
68	15.5	6.4	9.6#

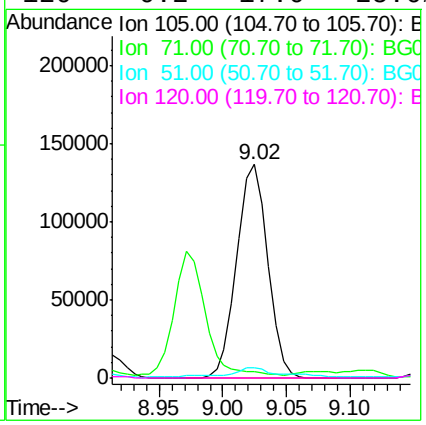


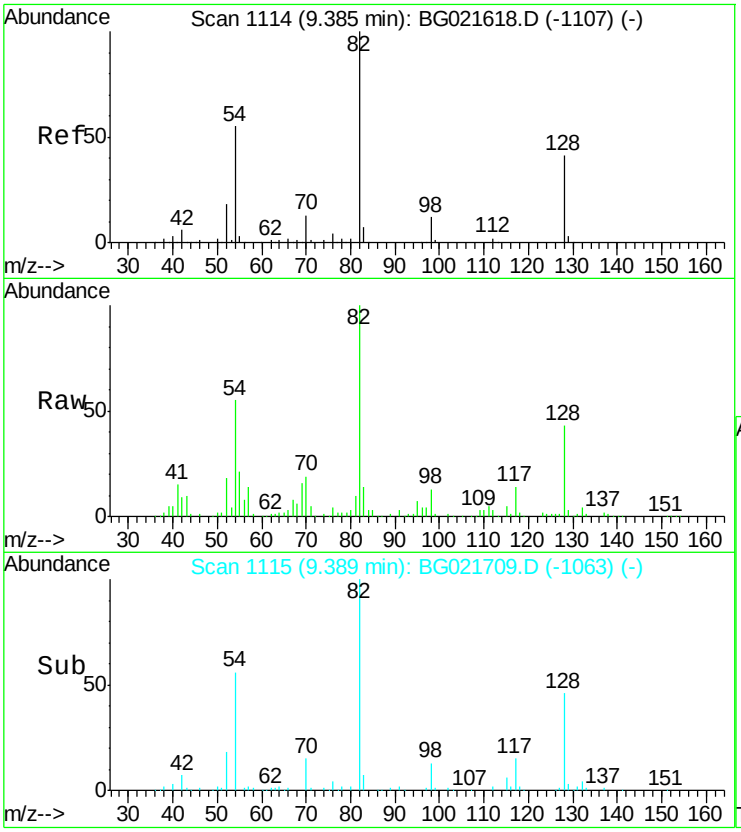


#22
Acetophenone
Concen: 69.60 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:105 Resp: 232670

Ion	Ratio	Lower	Upper
105	100		
71	2.9	0.0	0.0#
51	4.9	25.7	38.5#
120	0.2	17.0	25.6#



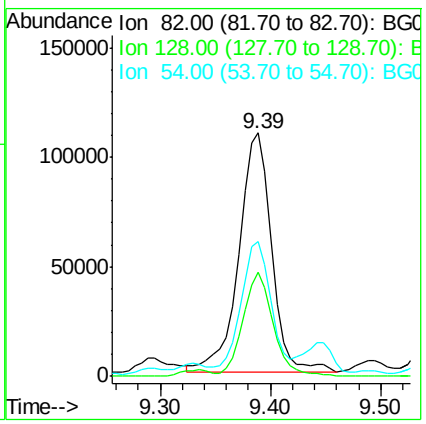


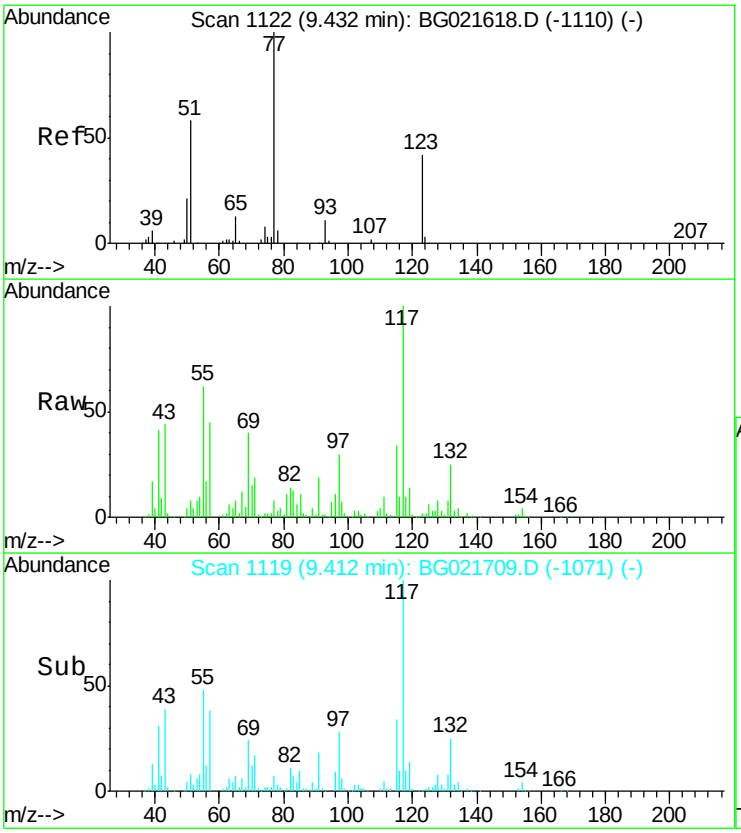
#23
Nitrobenzene-d5
Concen: 96.96 ng
RT: 9.39 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion: 82 Resp: 226416

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.4	50.0
54	55.3	46.1	69.1

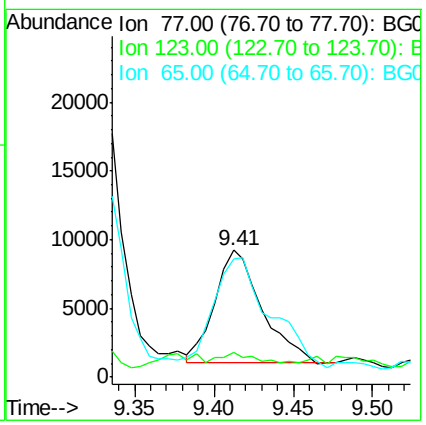


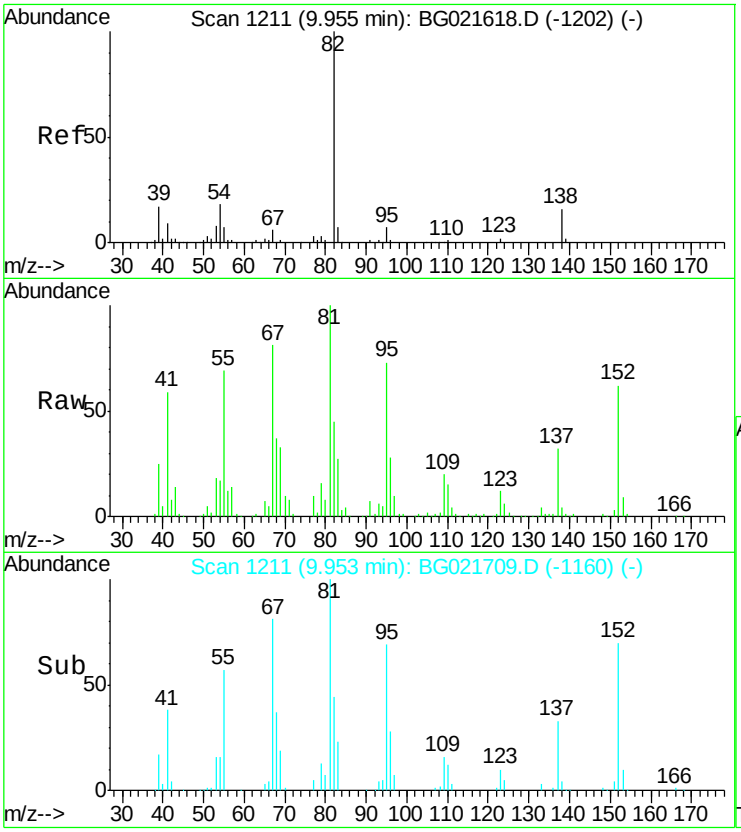


#24
Nitrobenzene
Concen: 6.67 ng
RT: 9.41 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion: 77 Resp: 16673

Ion	Ratio	Lower	Upper
77	100		
123	19.1	32.2	48.4#
65	93.3	10.3	15.5#



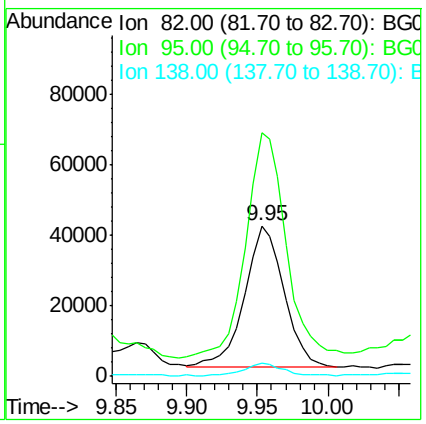


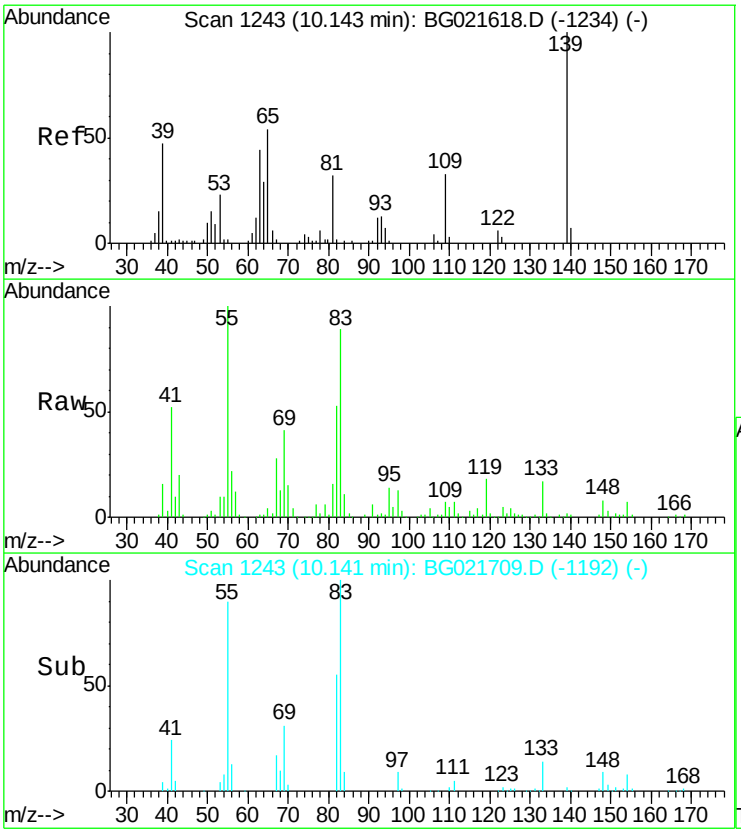
#25
Isophorone
Concen: 15.42 ng
RT: 9.95 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion: 82 Resp: 78796

Ion	Ratio	Lower	Upper
82	100		
95	161.7	6.0	9.0#
138	8.8	13.4	20.0#

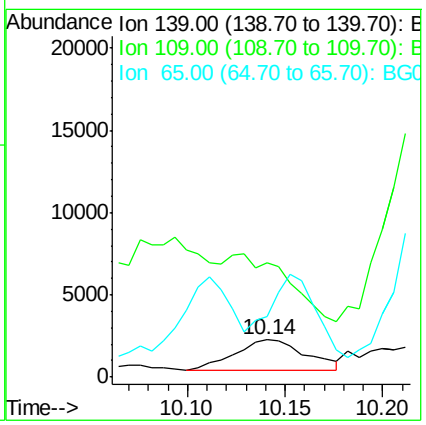


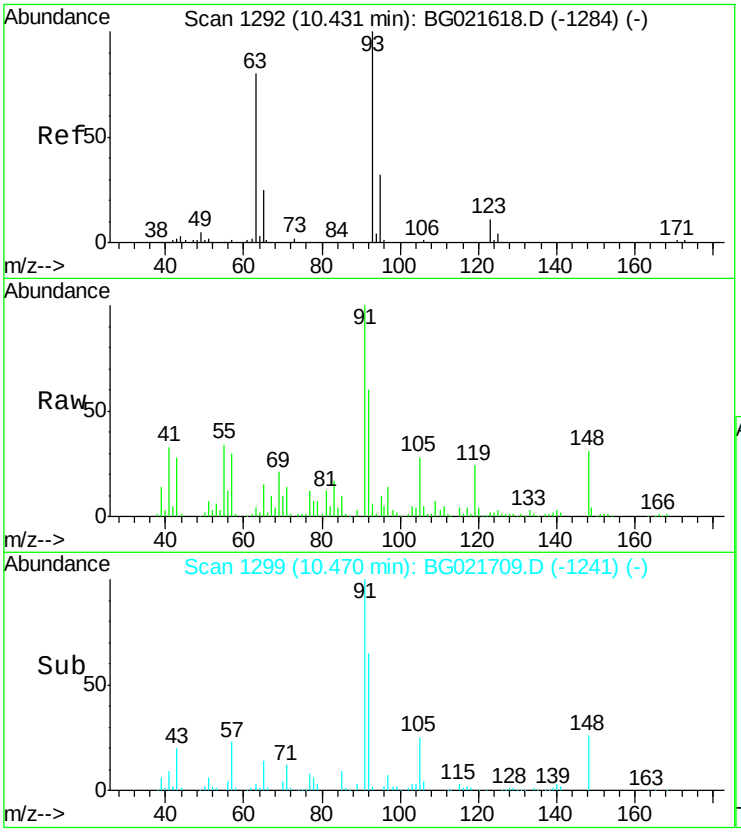


#26
2-Nitrophenol
Concen: 4.83 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:139 Resp: 4611

Ion	Ratio	Lower	Upper
139	100		
109	305.3	26.6	40.0#
65	161.1	45.3	67.9#



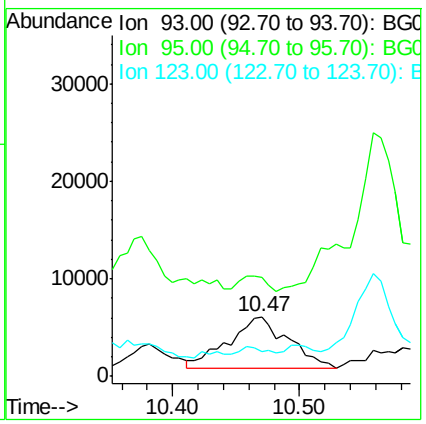


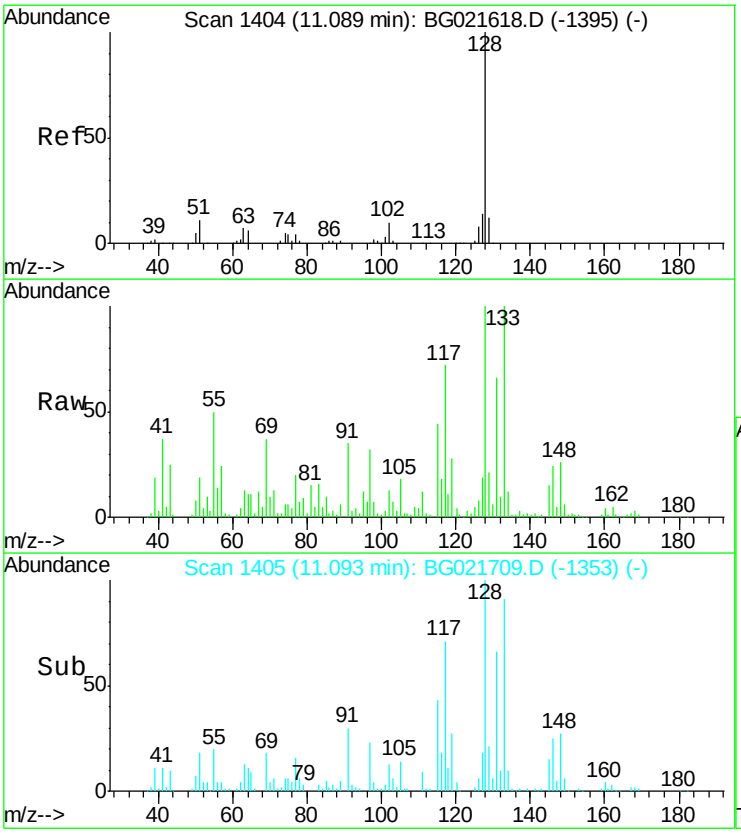
#28
bis(2-Chloroethoxy)methane
Concen: 6.37 ng
RT: 10.47 min Scan# 1299
Delta R.T. 0.04 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion: 93 Resp: 17299

Ion	Ratio	Lower	Upper
93	100		
95	165.7	30.1	45.1#
123	41.0	10.2	15.4#

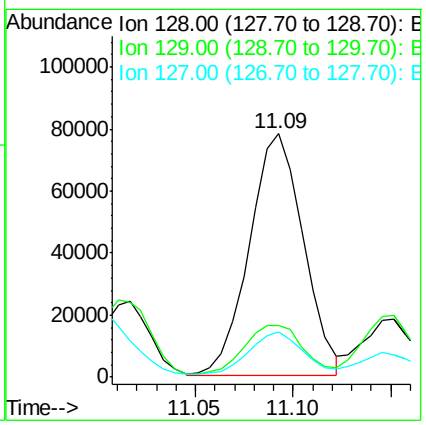


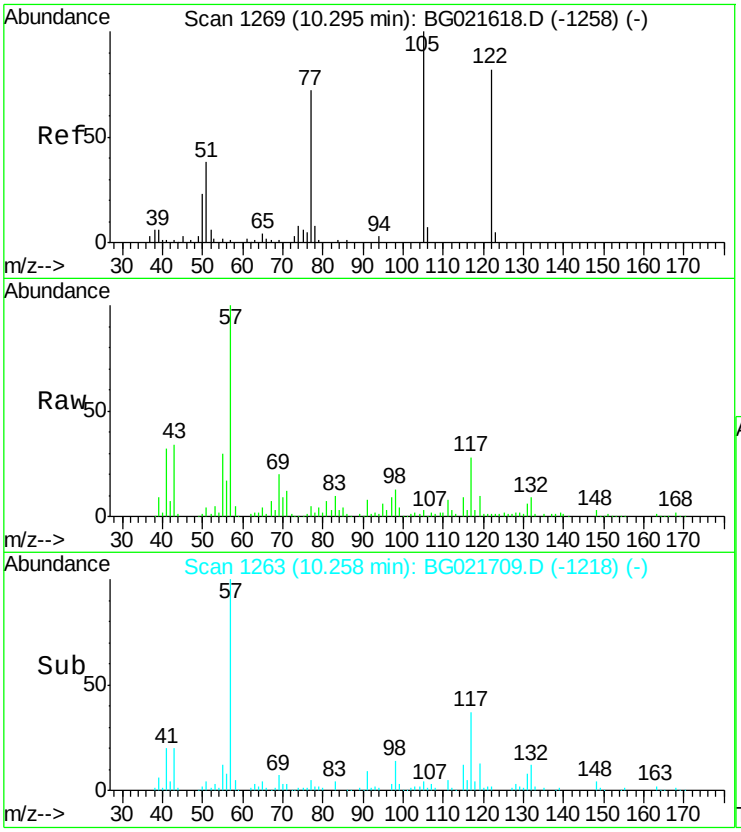


#31
Naphthalene
Concen: 23.22 ng
RT: 11.09 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:128 Resp: 149144

Ion	Ratio	Lower	Upper
128	100		
129	21.4	7.0	10.6#
127	18.6	10.1	15.1#



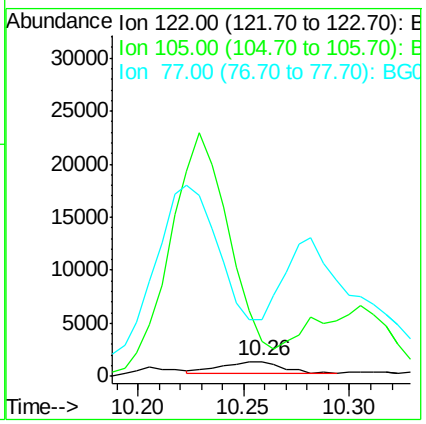


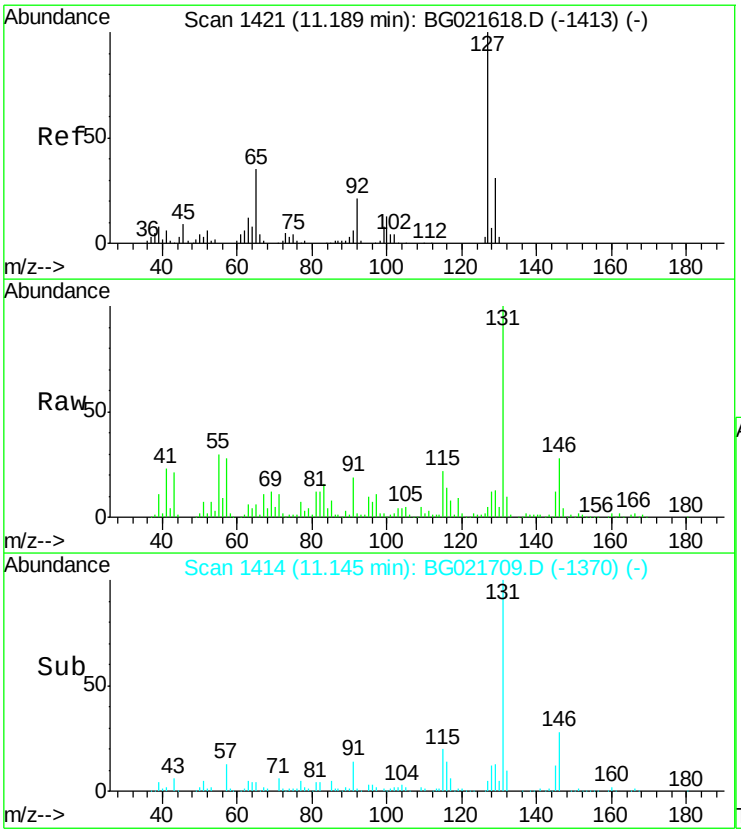
#32
Benzoic acid
Concen: 6.36 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.04 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:122 Resp: 2264

Ion	Ratio	Lower	Upper
122	100		
105	240.2	104.5	144.5#
77	380.5	79.9	119.9#

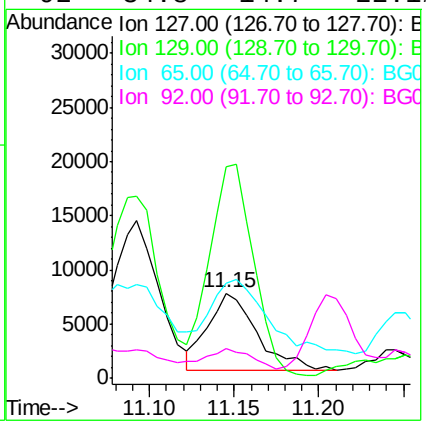


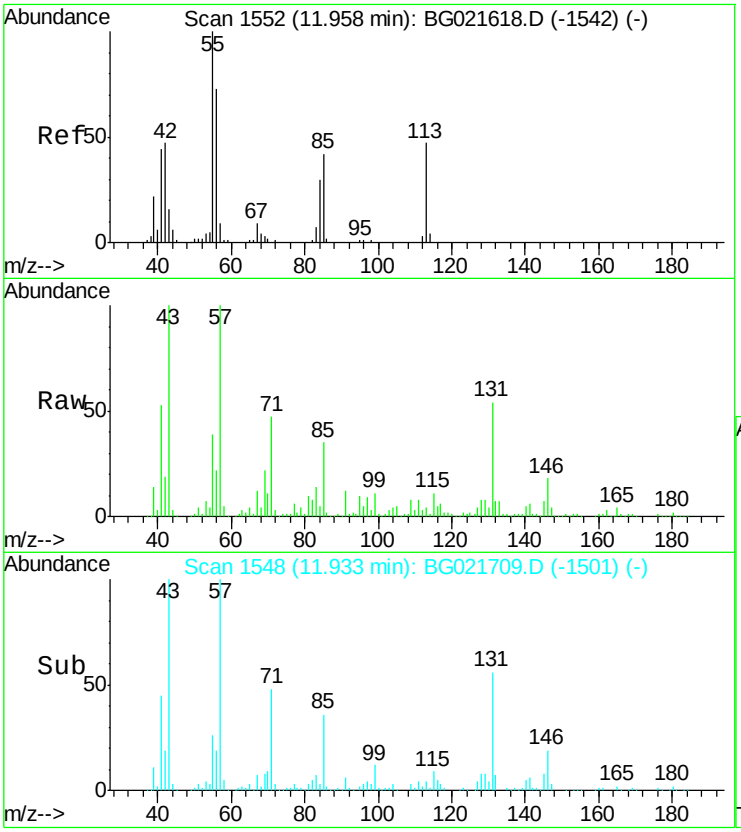


#33
4-Chloroaniline
Concen: 5.19 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.04 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:127 Resp: 14419

Ion	Ratio	Lower	Upper
127	100		
129	248.7	26.6	39.8#
65	111.5	27.5	41.3#
92	34.8	14.7	22.1#



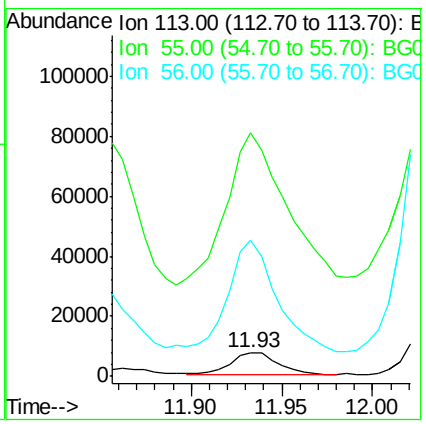


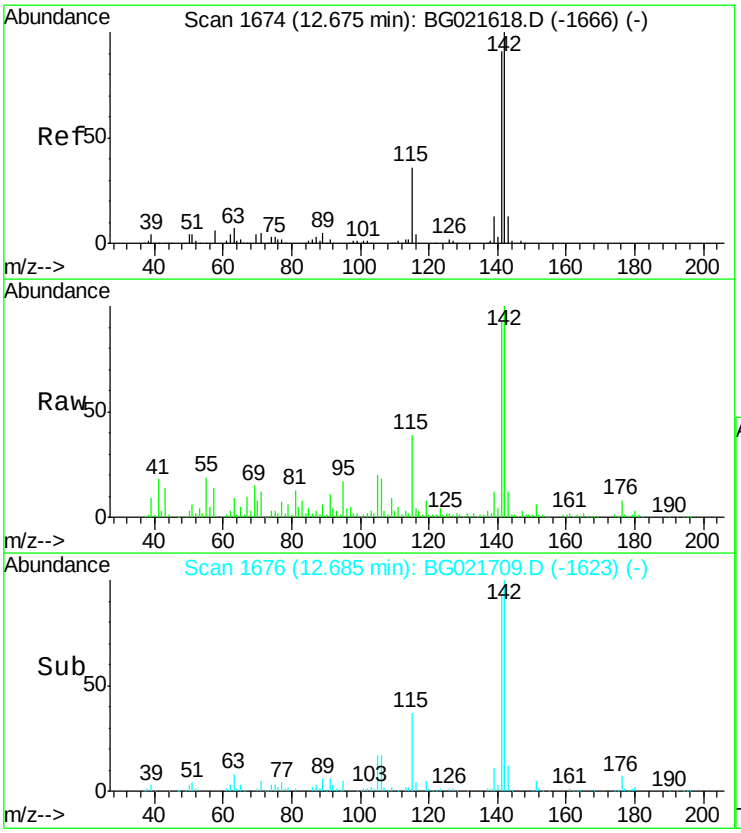
#35
Caprolactam
Concen: 15.15 ng
RT: 11.93 min Scan# 1548
Delta R.T. -0.03 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:113 Resp: 12814

Ion	Ratio	Lower	Upper
113	100		
55	1015.6	194.2	234.2#
56	570.3	122.6	162.6#

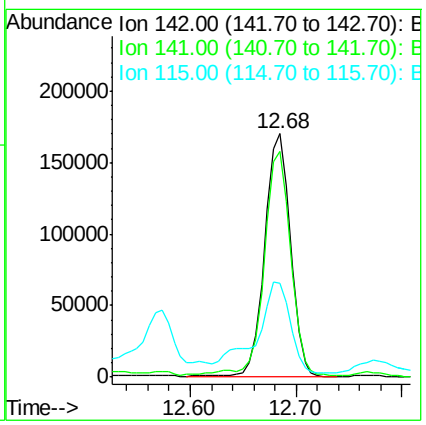


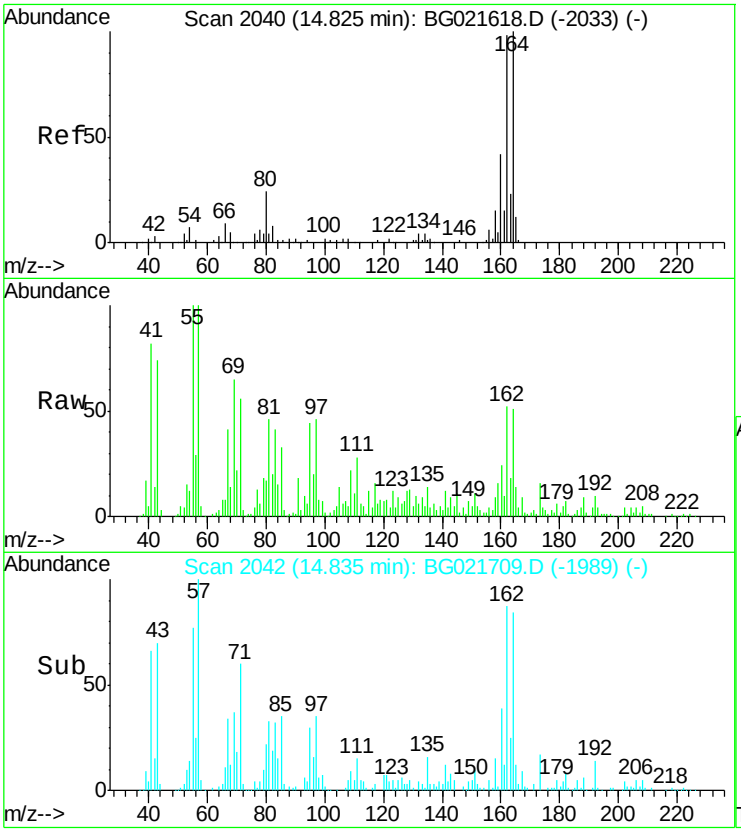


#37
2-Methylnaphthalene
Concen: 64.87 ng
RT: 12.68 min Scan# 1676
Delta R.T. 0.01 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:142 Resp: 286054

Ion	Ratio	Lower	Upper
142	100		
141	92.8	71.4	107.0
115	38.8	27.4	41.2



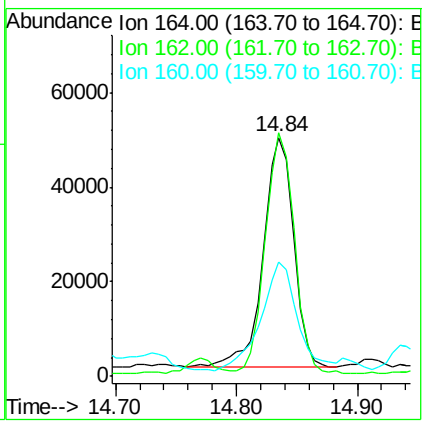


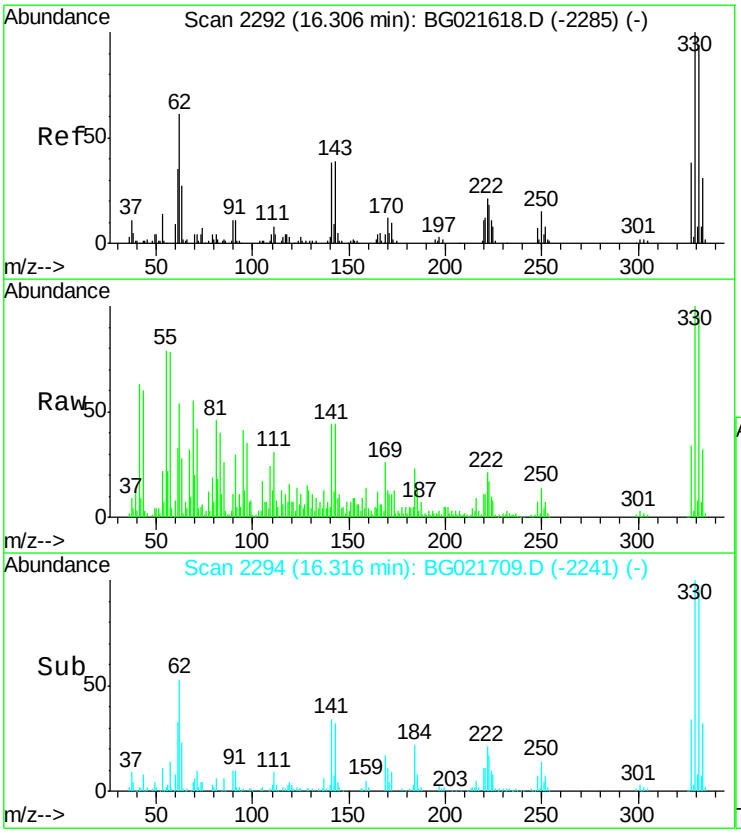
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2042
Delta R.T. 0.01 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:164 Resp: 84152

Ion	Ratio	Lower	Upper
164	100		
162	101.9	78.0	117.0
160	47.8	32.9	49.3

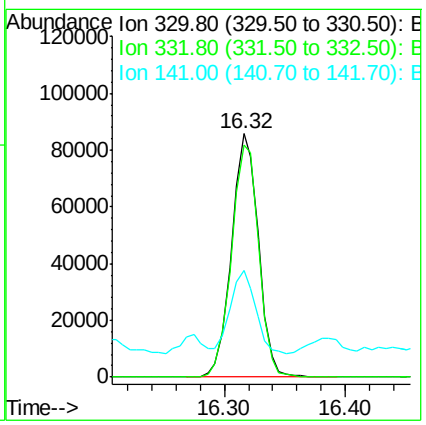


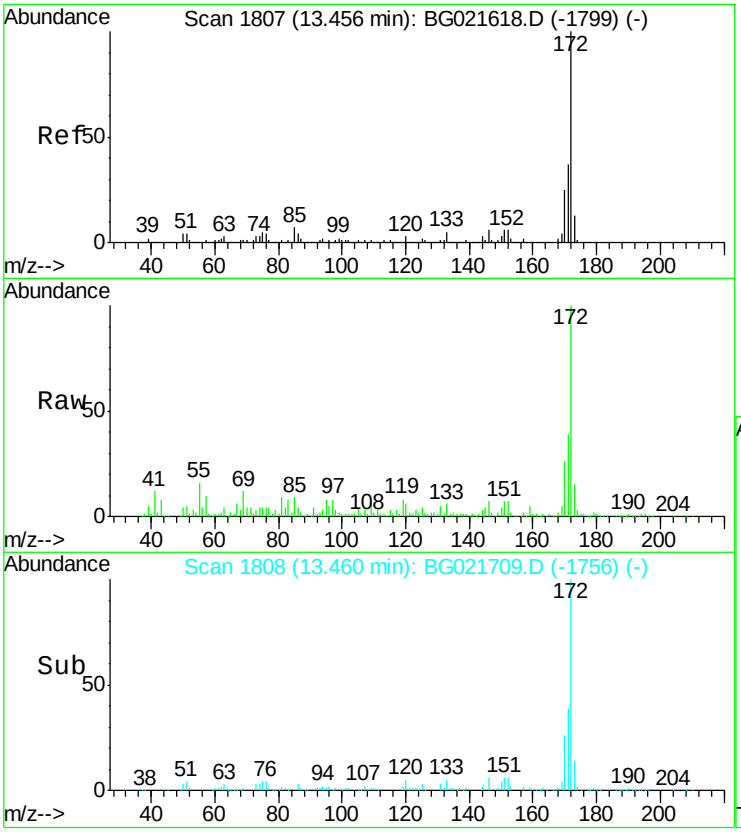


#41
2,4,6-Tribromophenol
Concen: 146.31 ng
RT: 16.32 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:330 Resp: 132694

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	31.8	33.8	50.8#



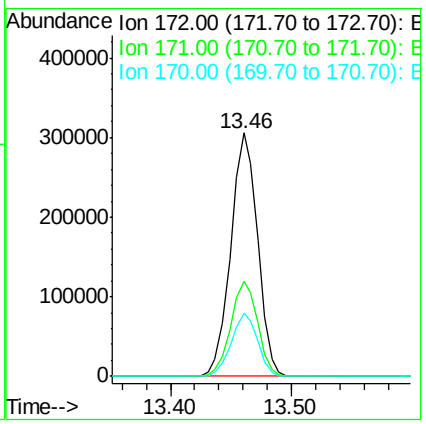


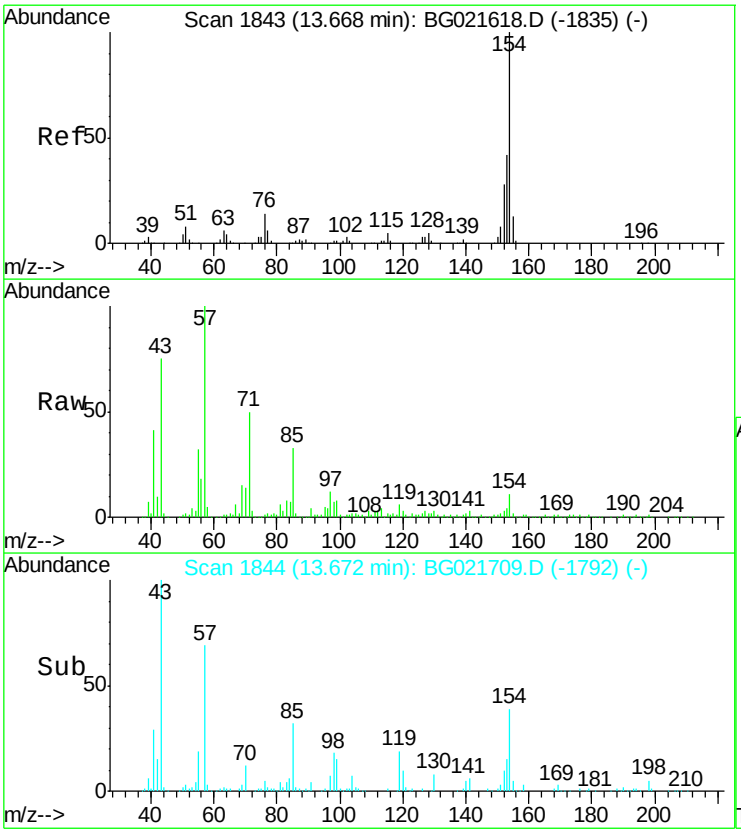
#44
2-Fluorobiphenyl
Concen: 82.21 ng
RT: 13.46 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:172 Resp: 472160

Ion	Ratio	Lower	Upper
172	100		
171	39.0	27.8	41.6
170	25.8	19.6	29.4

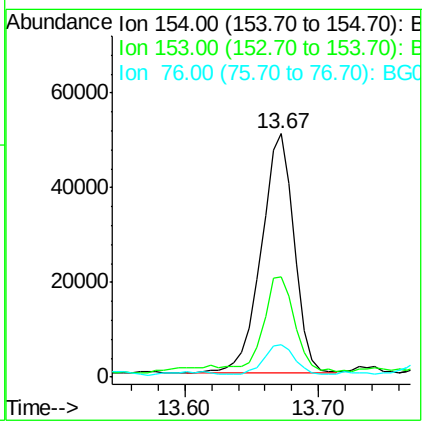


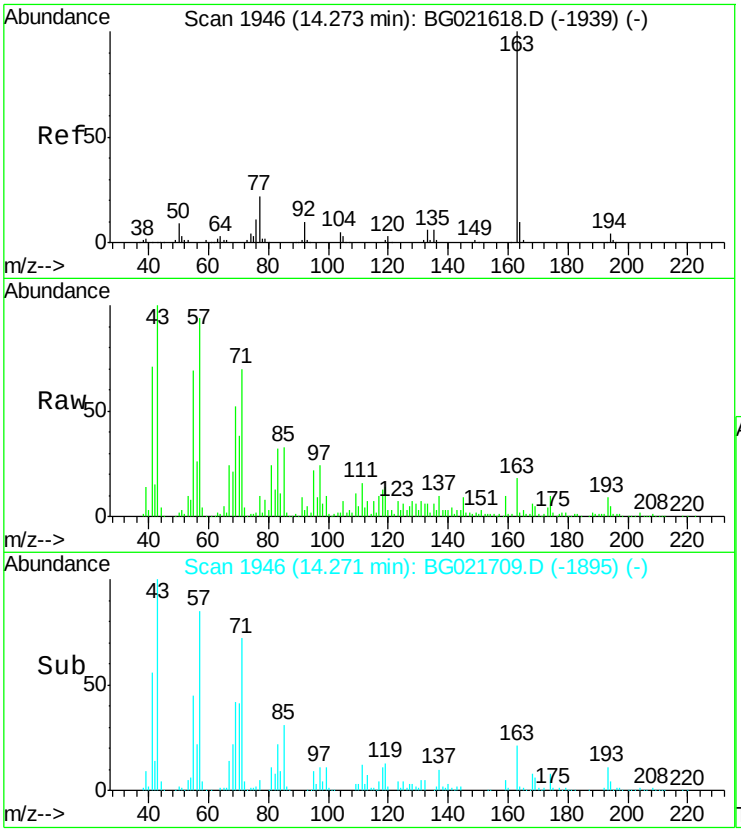


#45
1,1'-Biphenyl
Concen: 12.21 ng
RT: 13.67 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:154 Resp: 86535

Ion	Ratio	Lower	Upper
154	100		
153	41.2	19.7	59.7
76	13.6	0.0	33.0



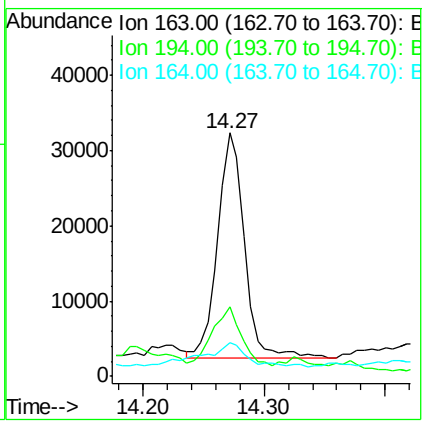


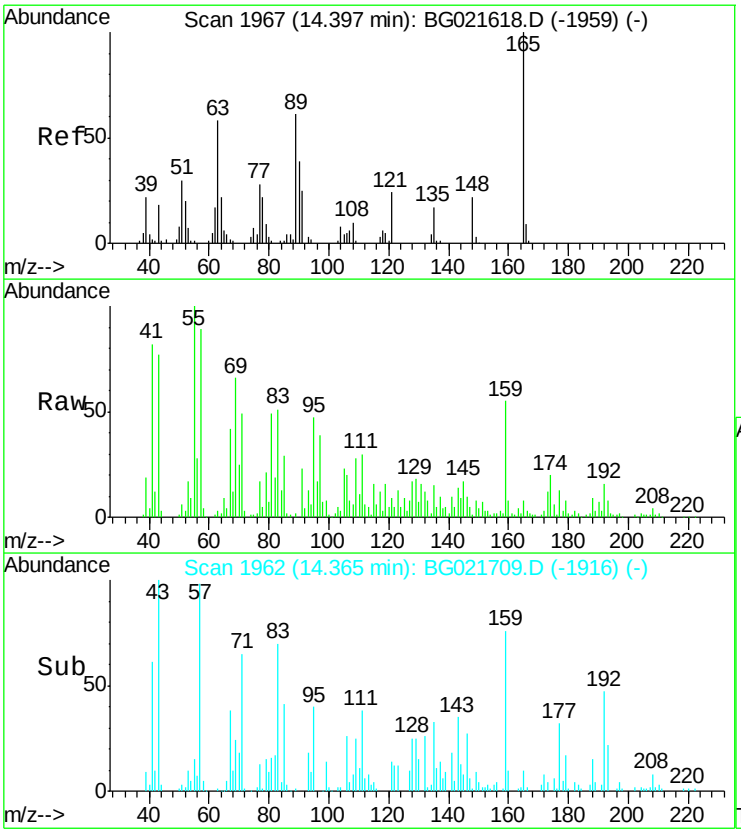
#49
Dimethylphthalate
Concen: 6.38 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:163 Resp: 46398

Ion	Ratio	Lower	Upper
163	100		
194	28.5	3.0	4.6#
164	13.7	8.1	12.1#

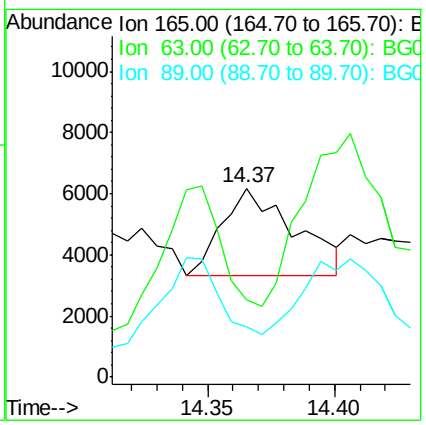


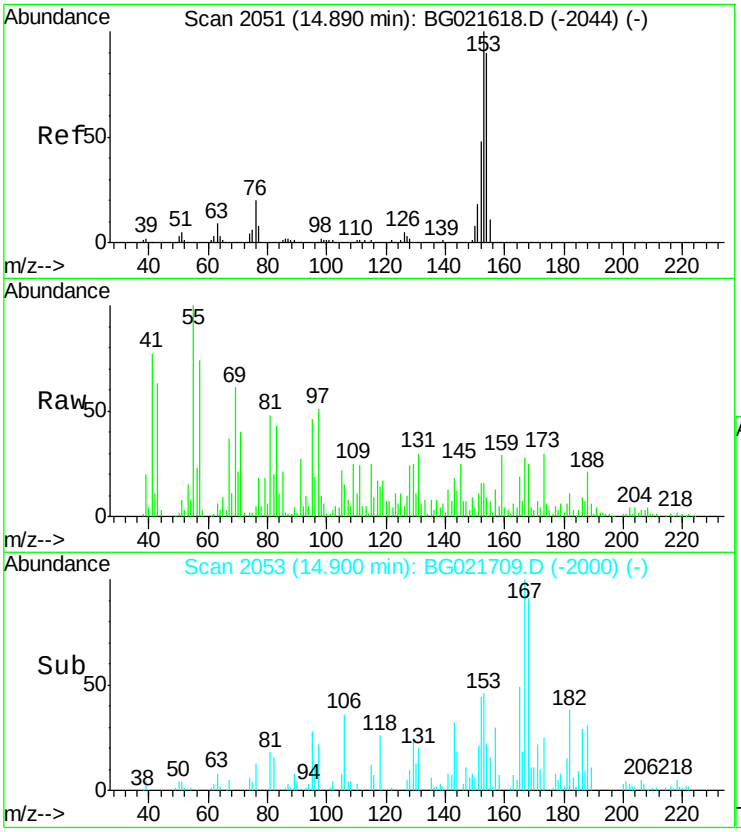


#50
2,6-Dinitrotoluene
Concen: 4.10 ng
RT: 14.37 min Scan# 1962
Delta R.T. -0.03 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:165 Resp: 5689

Ion	Ratio	Lower	Upper
165	100		
63	40.6	48.2	72.4#
89	26.7	45.3	67.9#



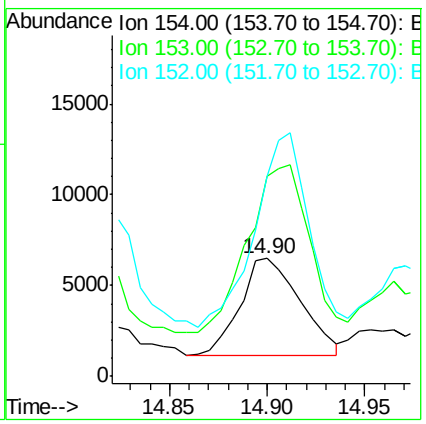


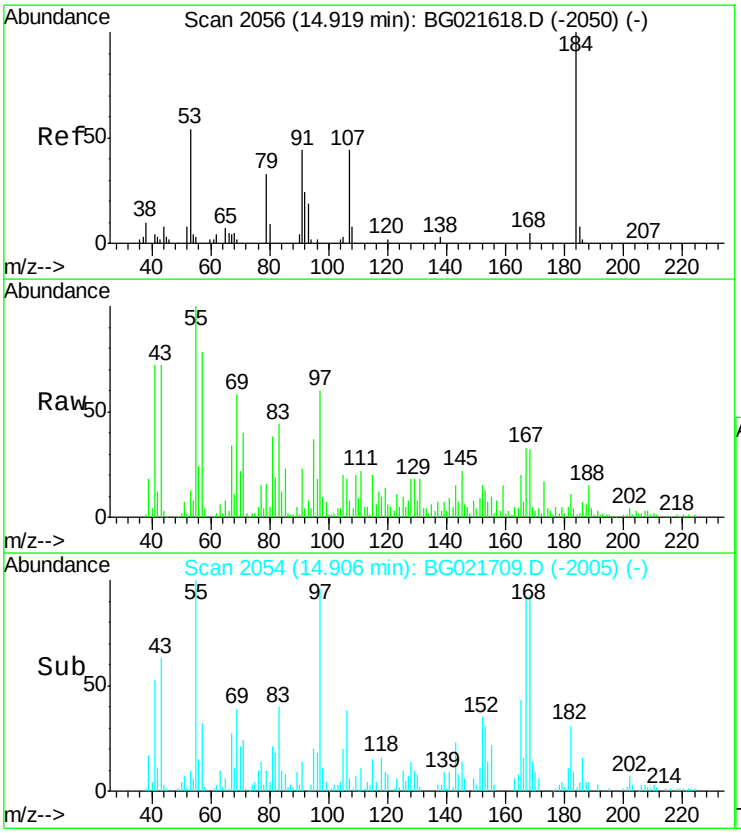
#51
Acenaphthene
Concen: 2.04 ng
RT: 14.90 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:154 Resp: 11296

Ion	Ratio	Lower	Upper
154	100		
153	169.6	91.9	137.9#
152	169.2	42.0	63.0#

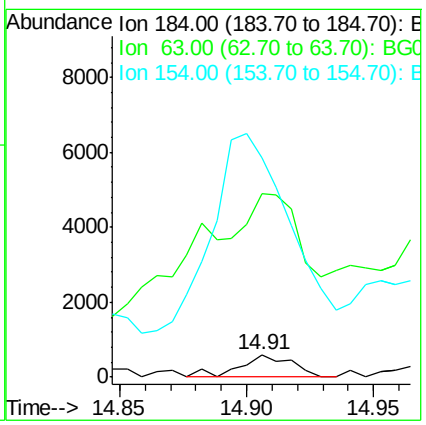


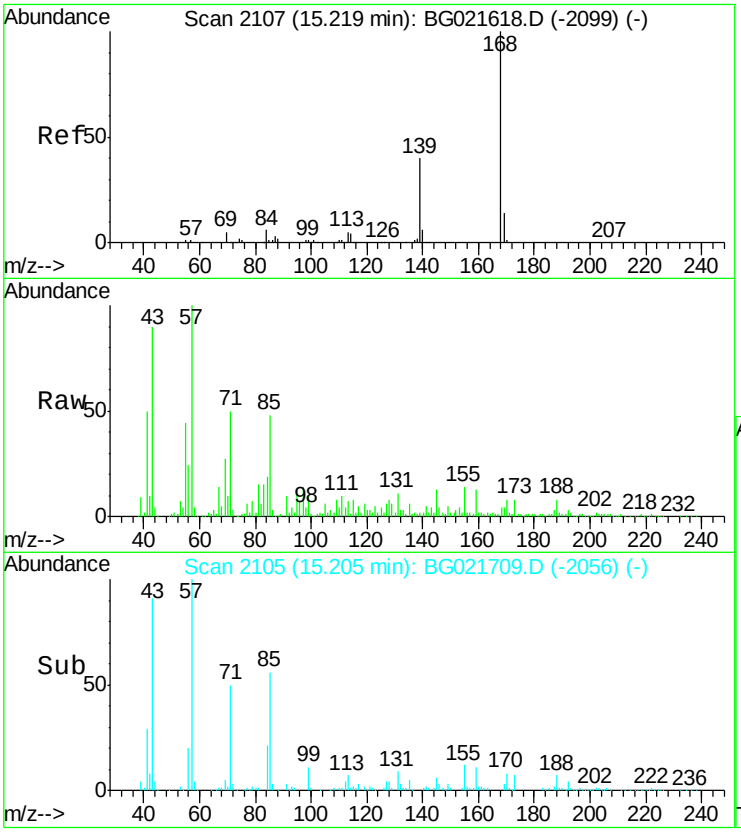


#53
2,4-Dinitrophenol
Concen: 8.87 ng
RT: 14.91 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:184 Resp: 834

Ion	Ratio	Lower	Upper
184	100		
63	824.6	57.3	85.9#
154	985.2	55.2	82.8#



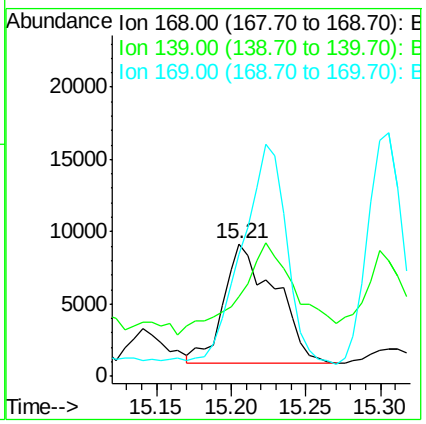


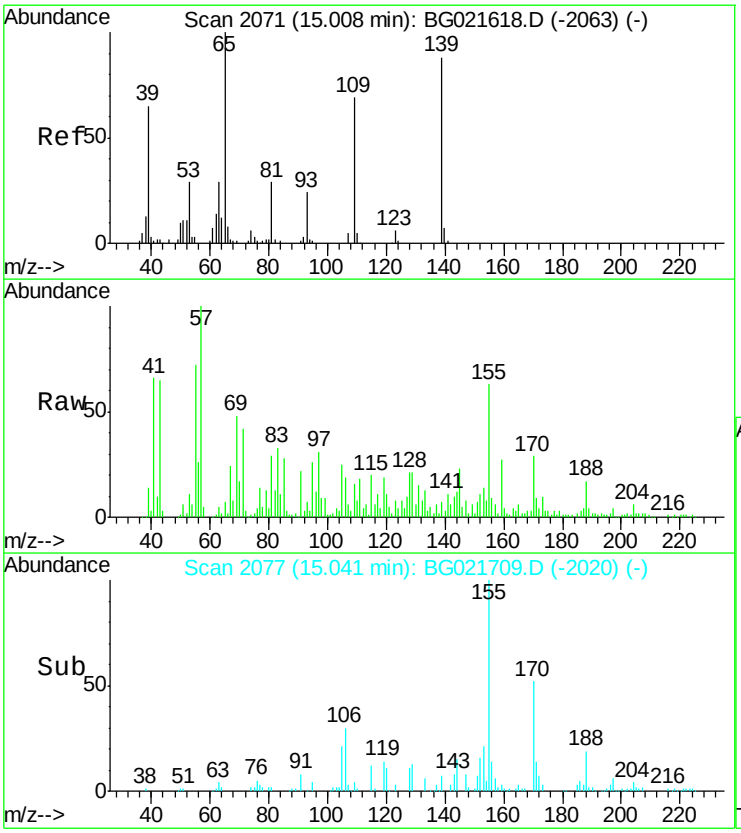
#54
Dibenzofuran
Concen: 2.65 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:168 Resp: 20066

Ion	Ratio	Lower	Upper
168	100		
139	59.9	31.1	46.7#
169	91.8	11.0	16.6#

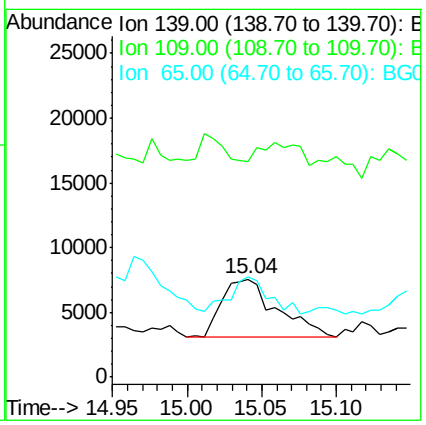


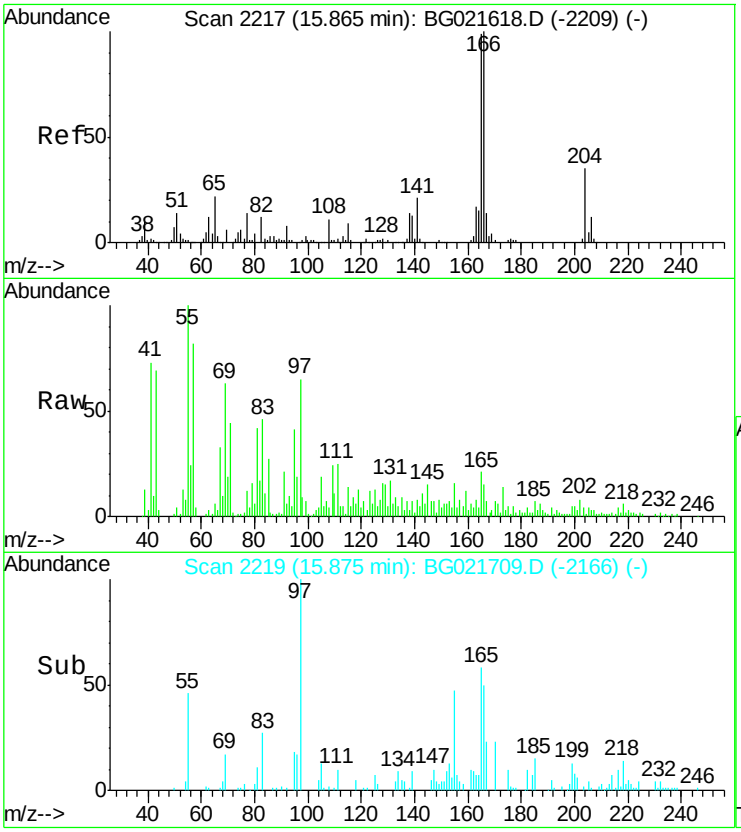


#55
4-Nitrophenol
Concen: 8.71 ng
RT: 15.04 min Scan# 2077
Delta R.T. 0.03 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:139 Resp: 11475

Ion	Ratio	Lower	Upper
139	100		
109	219.4	49.2	89.2#
65	102.6	83.2	123.2



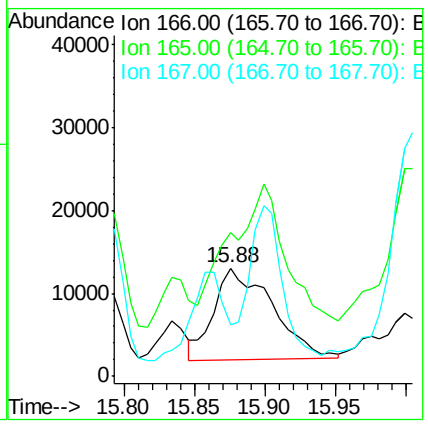


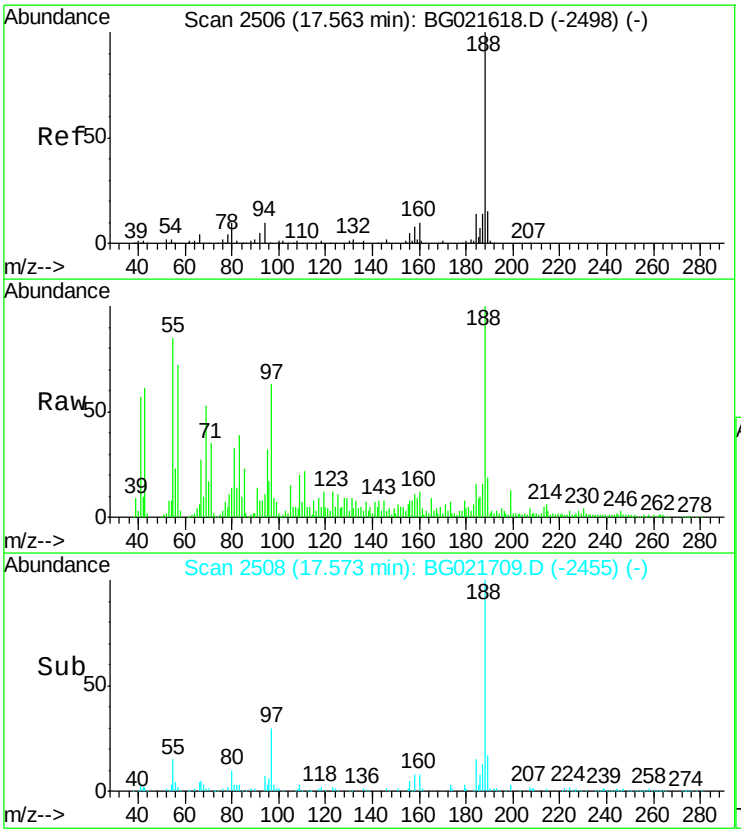
#57
Fluorene
Concen: 4.76 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:166 Resp: 32137

Ion	Ratio	Lower	Upper
166	100		
165	133.6	79.0	118.4#
167	48.3	10.7	16.1#

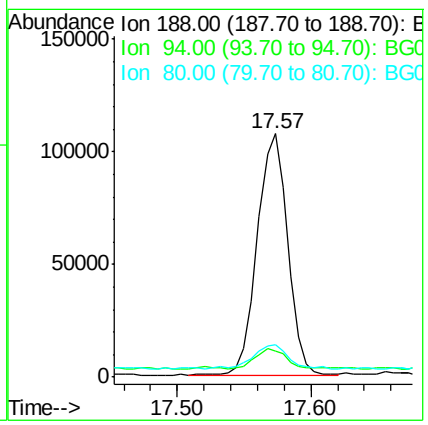


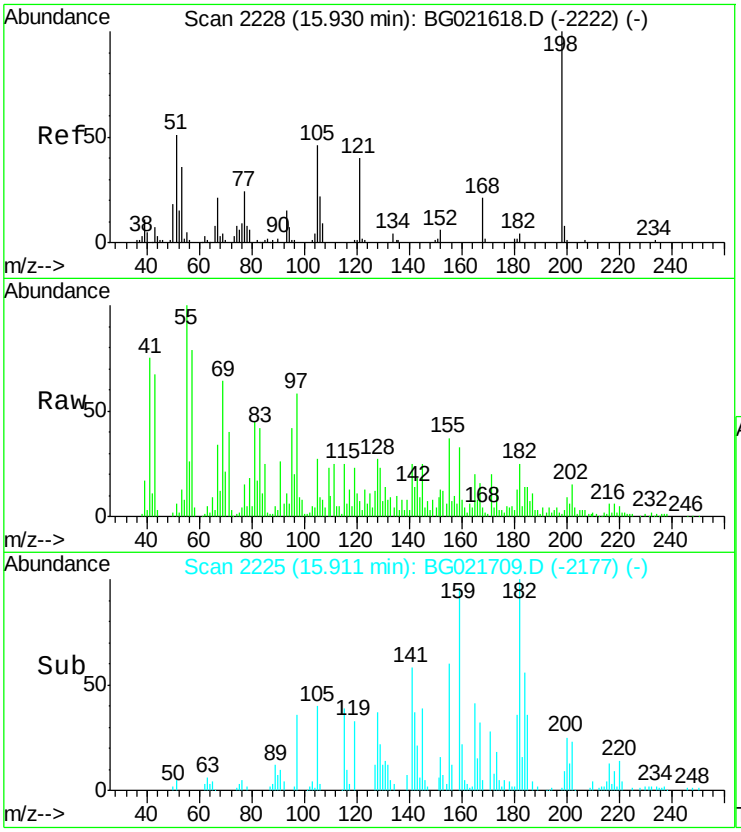


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.01 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:188 Resp: 169117

Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.5	11.3
80	13.5	8.6	13.0#



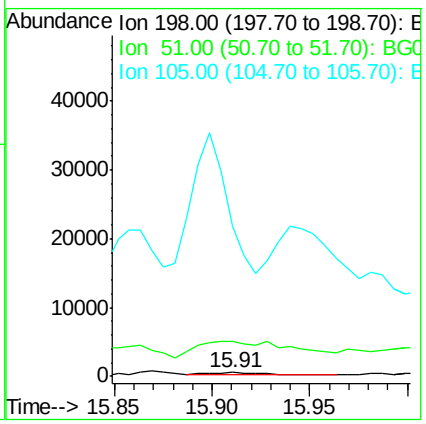


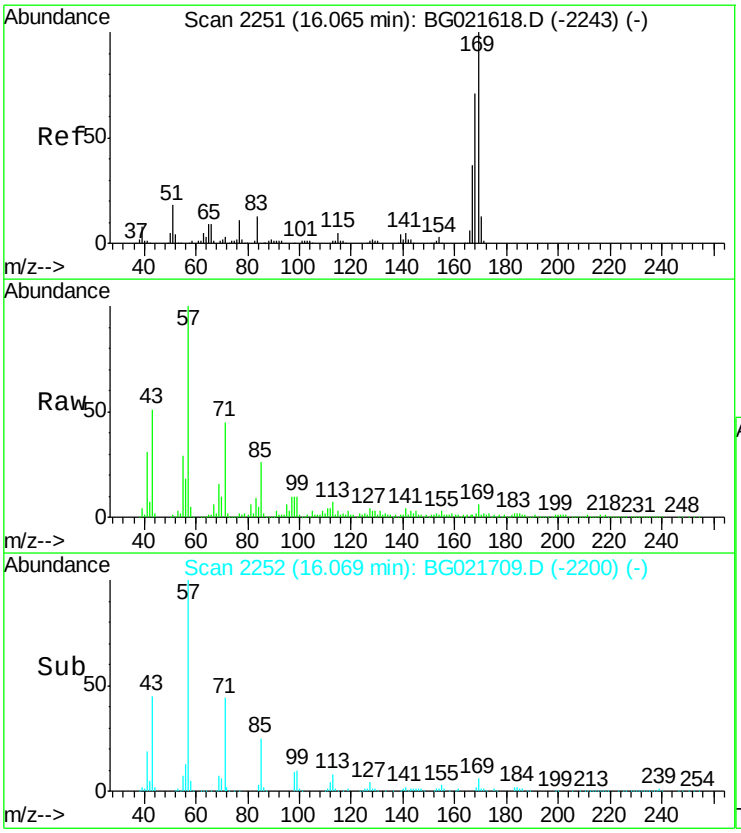
#64
4,6-Dinitro-2-methylphenol
Concen: 6.48 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:198 Resp: 861

Ion	Ratio	Lower	Upper
198	100		
51	938.7	29.2	69.2#
105	4026.6	24.0	64.0#

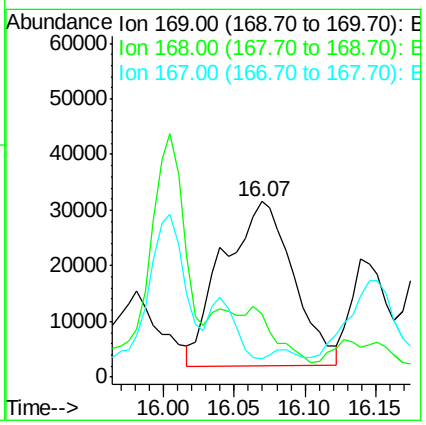


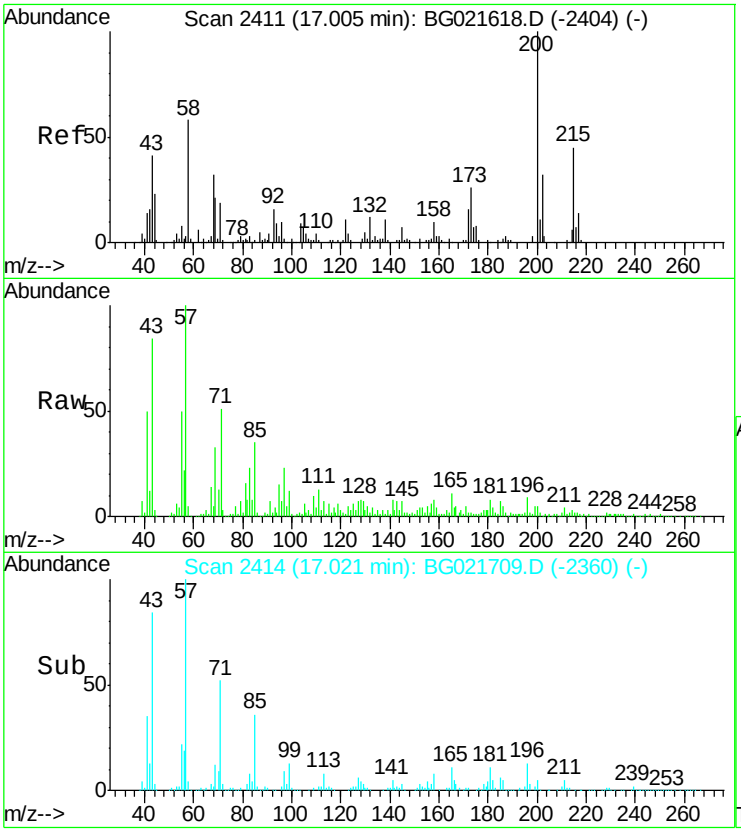


#65
n-Nitrosodiphenylamine
Concen: 20.26 ng
RT: 16.07 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:169 Resp: 102739

Ion	Ratio	Lower	Upper
169	100		
168	35.7	59.6	89.4#
167	10.5	31.2	46.8#



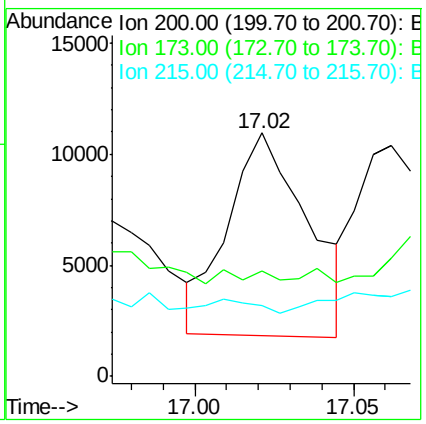


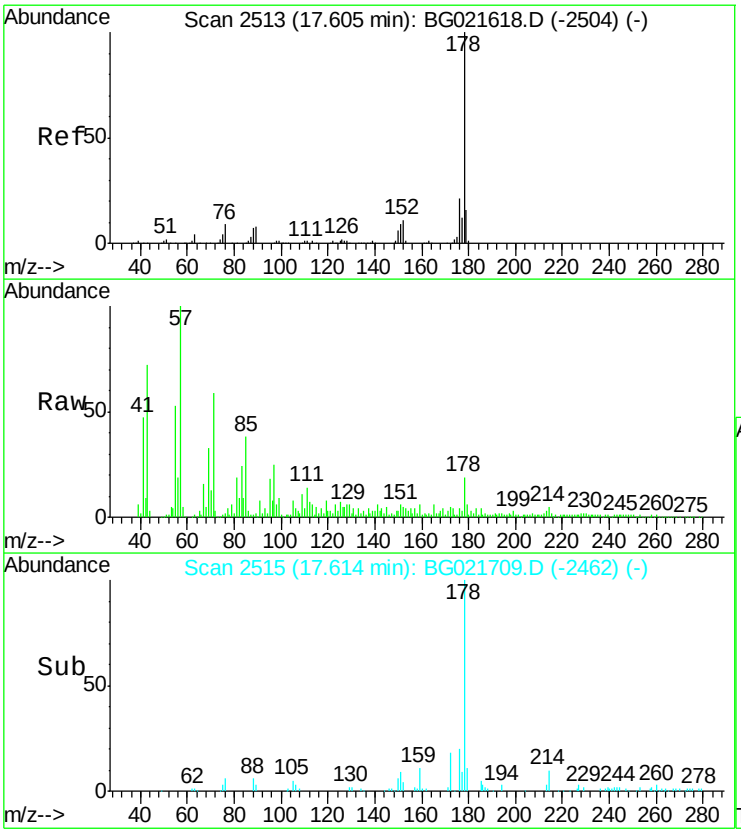
#68
Atrazine
Concen: 7.97 ng
RT: 17.02 min Scan# 2414
Delta R.T. 0.02 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:200 Resp: 15963

Ion	Ratio	Lower	Upper
200	100		
173	43.2	5.1	45.1
215	28.9	28.0	68.0

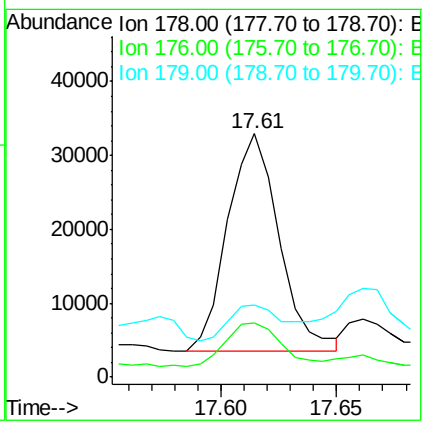


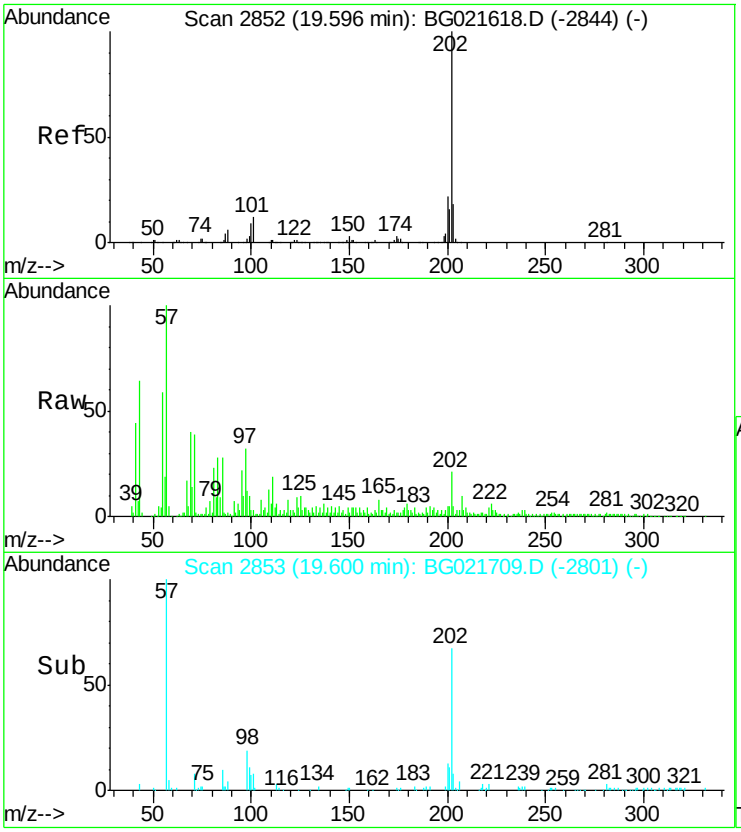


#70
Phenanthrene
Concen: 4.91 ng
RT: 17.61 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:178 Resp: 45721

Ion	Ratio	Lower	Upper
178	100		
176	22.5	16.2	24.4
179	29.8	12.0	18.0#



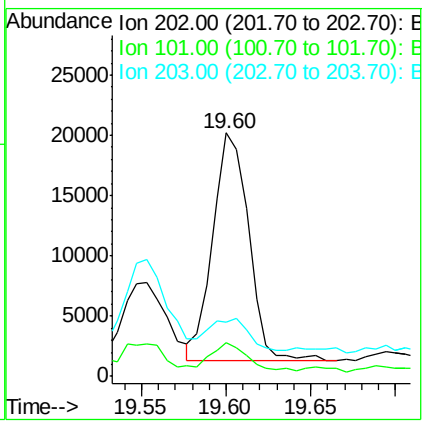


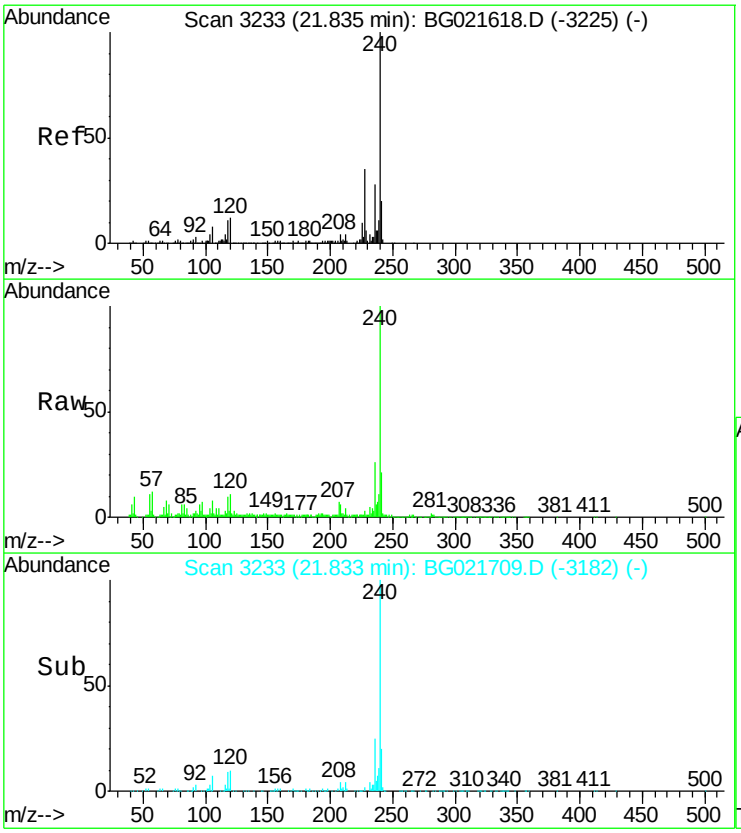
#74
Fluoranthene
Concen: 2.49 ng
RT: 19.60 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:202 Resp: 27707

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	31.0
203	22.2	0.0	37.9

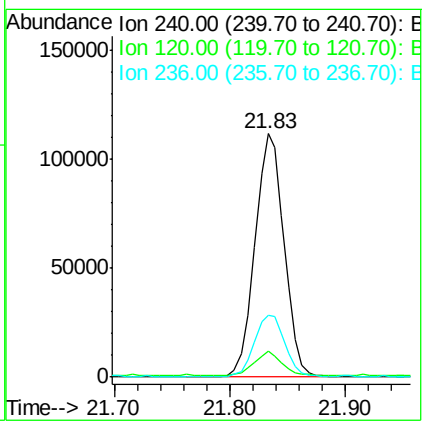


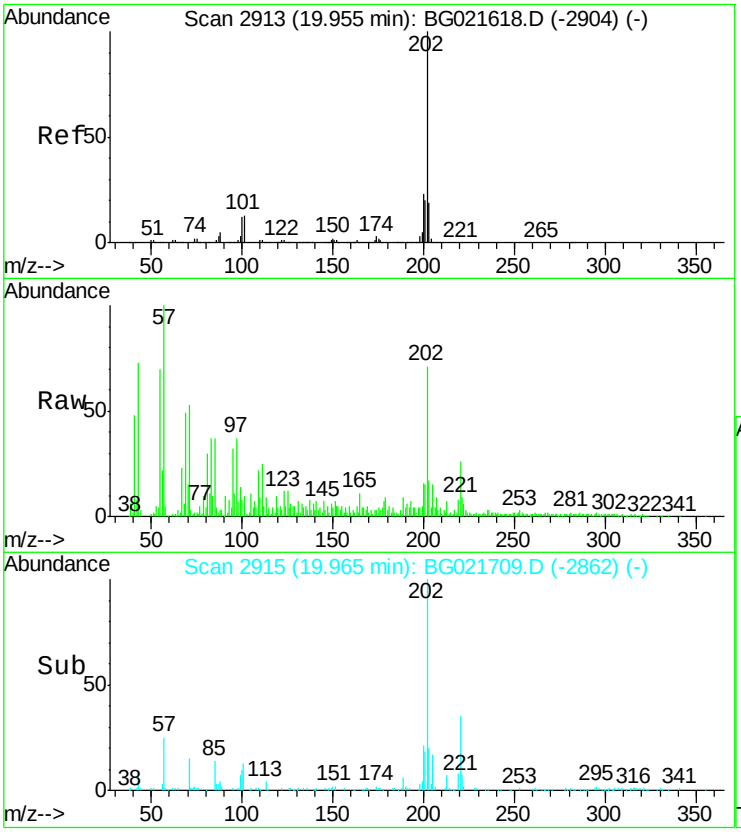


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:240 Resp: 194459

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	25.5	19.6	29.4



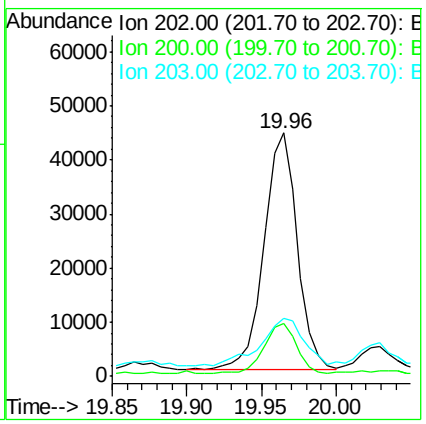


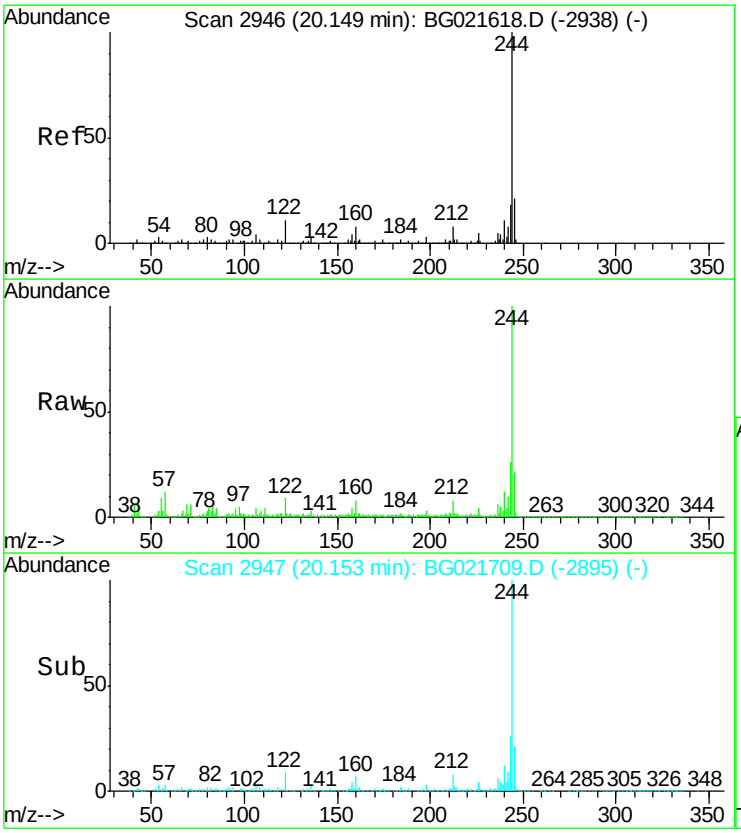
#77
Pyrene
Concen: 6.00 ng
RT: 19.96 min Scan# 2915
Delta R.T. 0.01 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:202 Resp: 67249

Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.2	27.2
203	23.9	15.0	22.4#

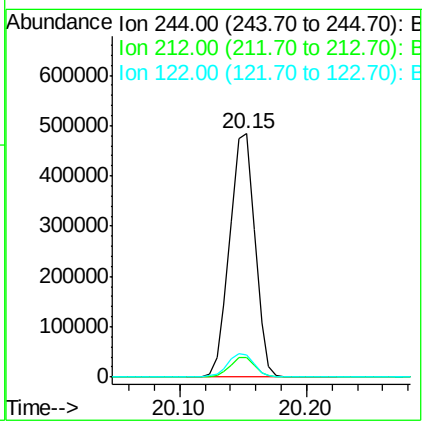


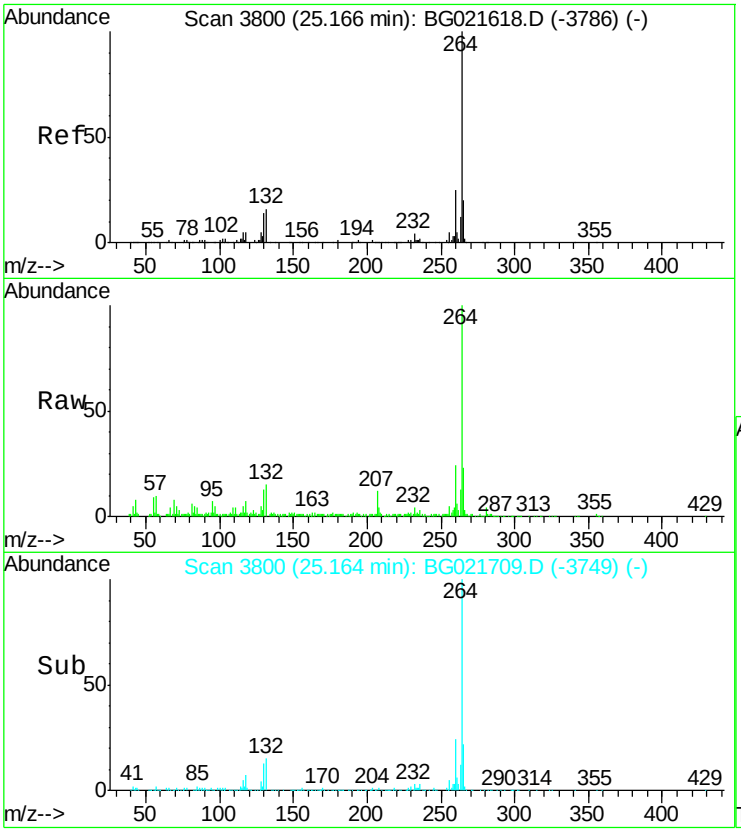


#78
Terphenyl-d14
Concen: 85.30 ng
RT: 20.15 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Tgt Ion:244 Resp: 664732

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	9.2	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. -0.00 min
Lab File: BG021709.D
Acq: 16 Apr 2016 9:27

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

Tgt Ion:264 Resp: 193961

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.4
265	23.2	17.8	26.8