Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060917\
Data File : BG027359.D
Acq On : 9 Jun 2017 22:45
Operator : SJ/MA
Sample : I3561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 10 03:59:07 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	46035	20.00	ng		-0.02
21) Naphthalene-d8	11.37	136	221253	20.00	ng		-0.02
38) Acenaphthene-d10	15.14	164	134858	20.00	ng		-0.02
63) Phenanthrene-d10	17.88	188	314110	20.00	ng		-0.03
75) Chrysene-d12	22.27	240	369947	20.00	ng		-0.04
86) Perylene-d12	25.95	264	360515	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	159326	52.81	ng		-0.02
7) Phenol-d6	7.69	99	144407	32.61	ng		-0.01
23) Nitrobenzene-d5	9.72	82	306125	87.01	ng		-0.02
41) 2,4,6-Tribromophenol	16.62	330	203490	114.59	ng		-0.03
44) 2-Fluorobiphenyl	13.76	172	659915	68.46	ng		-0.03
78) Terphenyl-d14	20.46	244	259261	17.88	ng		-0.04
Target Compounds							Qvalue
9) Benzaldehyde	7.70	77	13498	4.41	ng		97
10) Phenol	7.71	94	29766	6.57	ng		81
15) Benzyl Alcohol	8.78	79	431424	138.27	ng	#	86
17) 2-Methylphenol	8.78	107	229027	71.55	ng	#	26
22) Acetophenone	9.38	105	11486	2.03	ng	#	84
26) 2-Nitrophenol	10.46	139	54	7.22	ng	#	20
27) 2,4-Dimethylphenol	10.59	122	12889	3.62	ng	#	1
32) Benzoic acid	10.59	122	12889	12.39	ng		92
35) Caprolactam	12.33	113	4356	3.91	ng	#	78
47) 2-Nitroaniline	14.21	65	321	6.95	ng	#	16
49) Dimethylphthalate	14.57	163	124962	11.68	ng		97
50) 2,6-Dinitrotoluene	14.75	165	55	5.64	ng	#	37
52) 3-Nitroaniline	15.02	138	499	5.91	ng	#	1
55) 4-Nitrophenol	15.32	139	670	6.43	ng	#	65
56) 2,4-Dinitrotoluene	15.45	165	69	7.01	ng	#	16
61) 4-Nitroaniline	16.17	138	235	5.99	ng	#	51

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060917\
Data File : BG027359.D
Acq On : 9 Jun 2017 22:45
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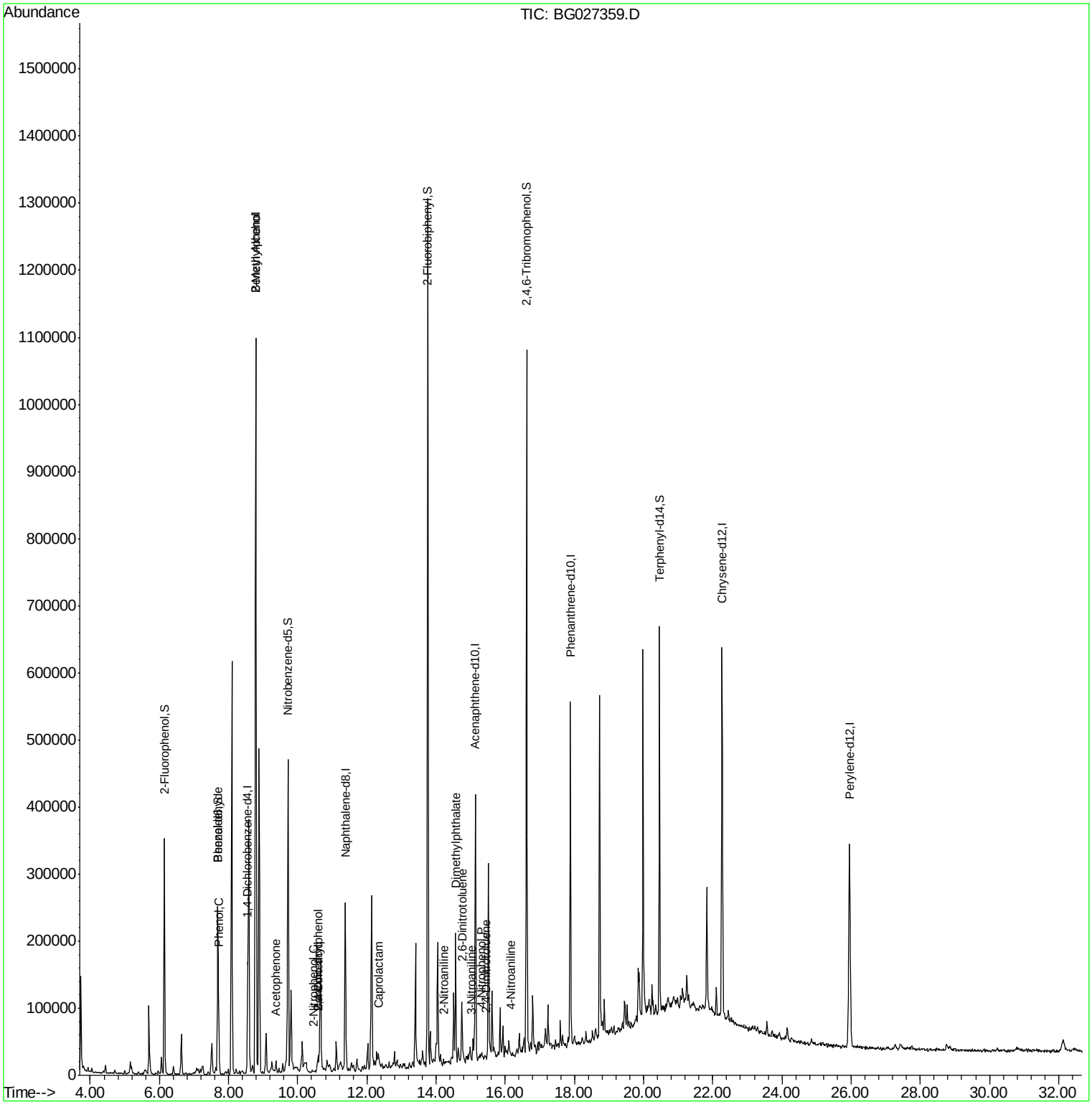
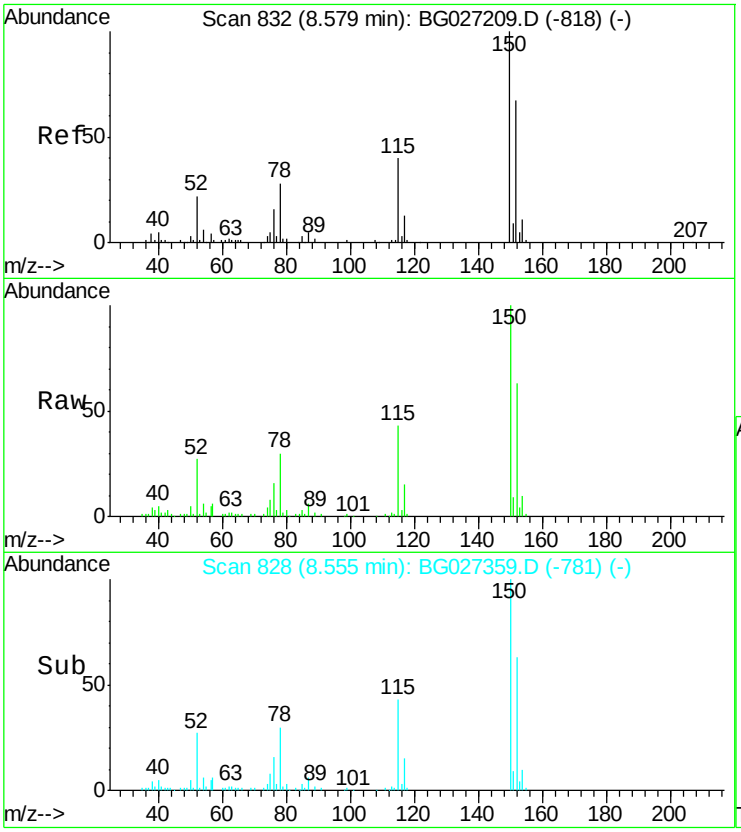
Quant Time: Jun 10 03:59:07 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration



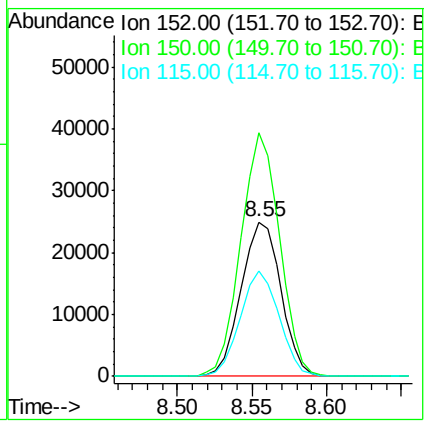


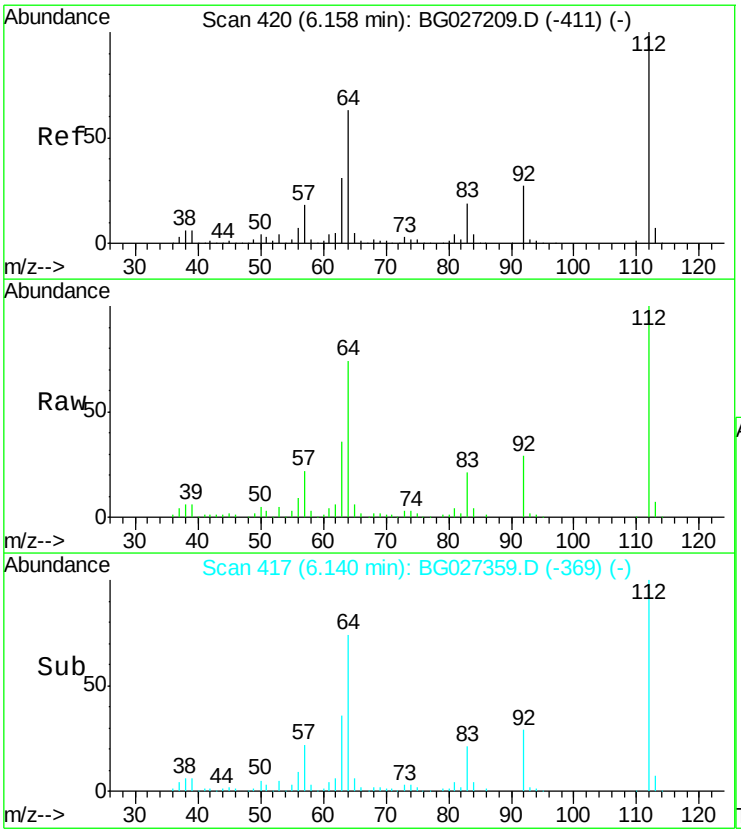
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.55 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 46035

Ion	Ratio	Lower	Upper
152	100		
150	157.8	114.0	171.0
115	67.9	48.1	72.1

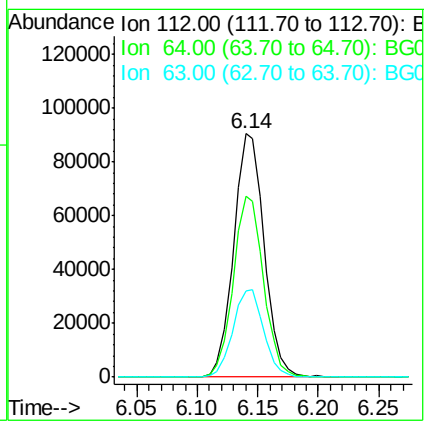


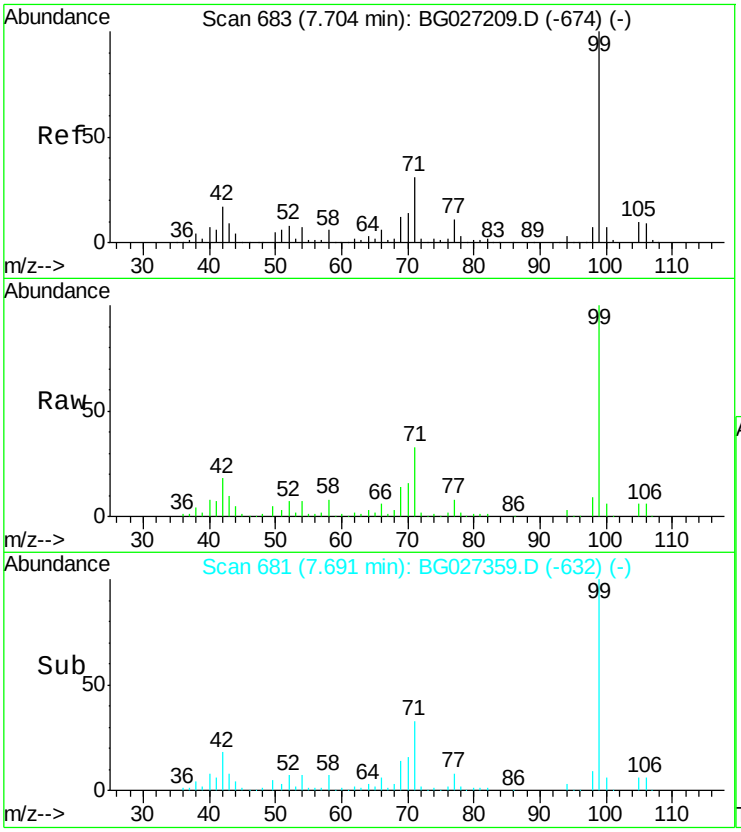


#5
2-Fluorophenol
Concen: 52.81 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion:112 Resp: 159326

Ion	Ratio	Lower	Upper
112	100		
64	74.4	61.8	92.6
63	35.6	37.2	55.8#



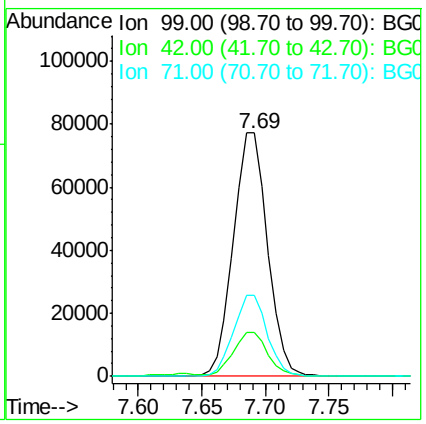


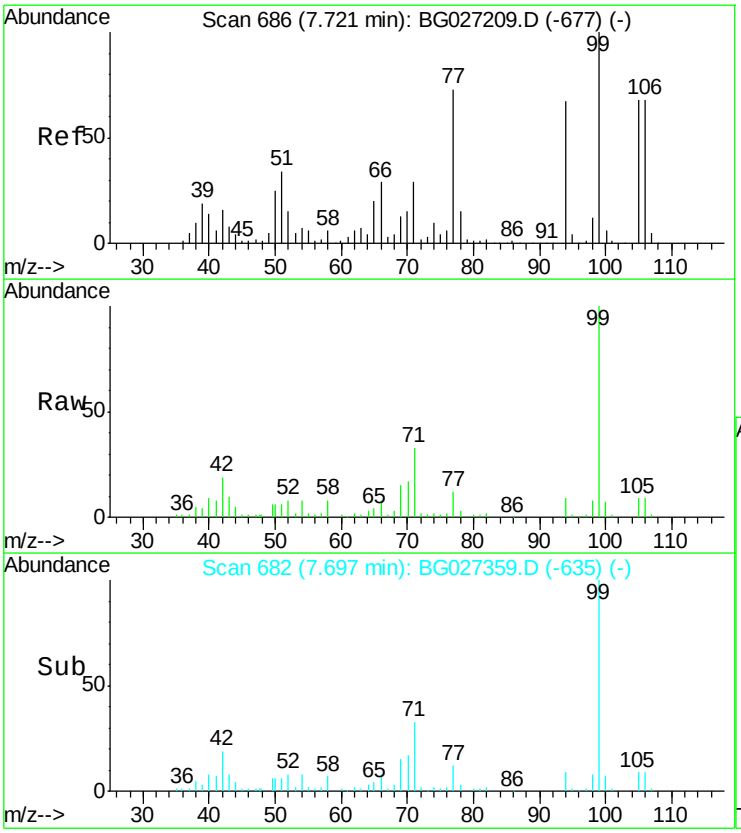
#7
Phenol-d6
Concen: 32.61 ng
RT: 7.69 min Scan# 681
Delta R.T. -0.01 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 144407

Ion	Ratio	Lower	Upper
99	100		
42	18.3	20.5	30.7#
71	33.3	37.6	56.4#

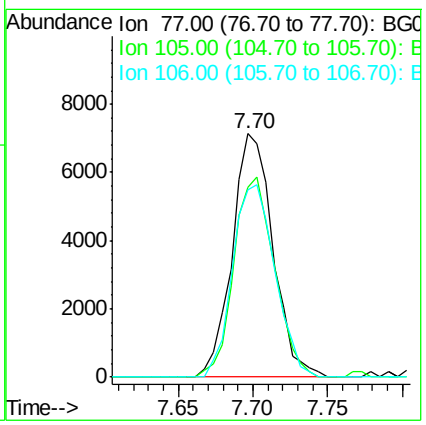


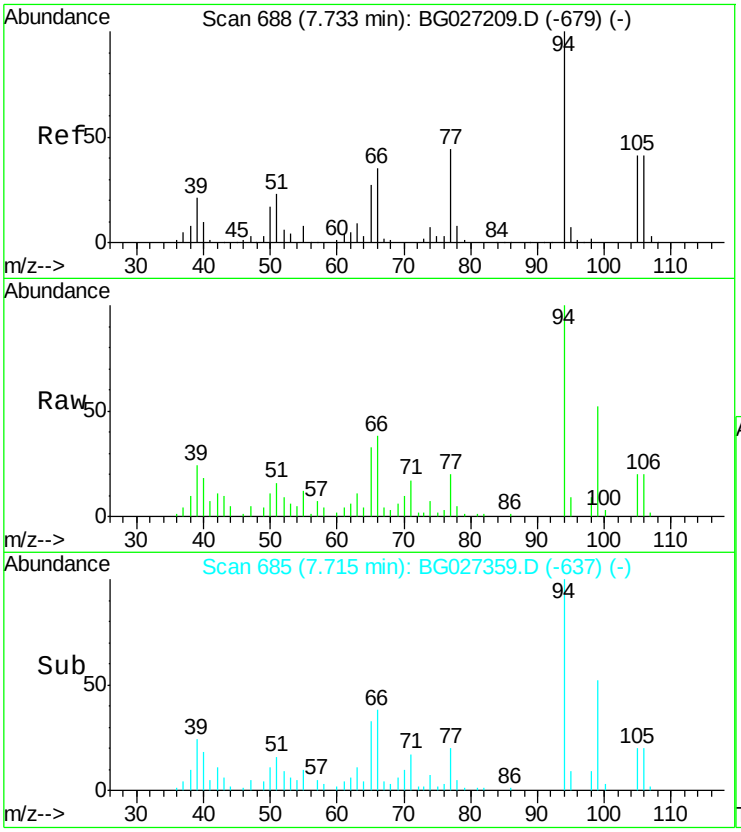


#9
Benzaldehyde
Concen: 4.41 ng
RT: 7.70 min Scan# 682
Delta R.T. -0.02 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion: 77 Resp: 13498

Ion	Ratio	Lower	Upper
77	100		
105	78.2	60.9	100.9
106	76.7	55.1	95.1



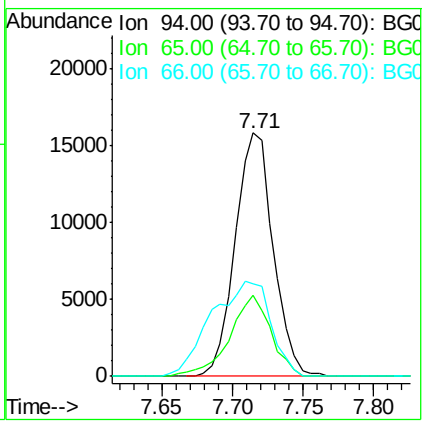


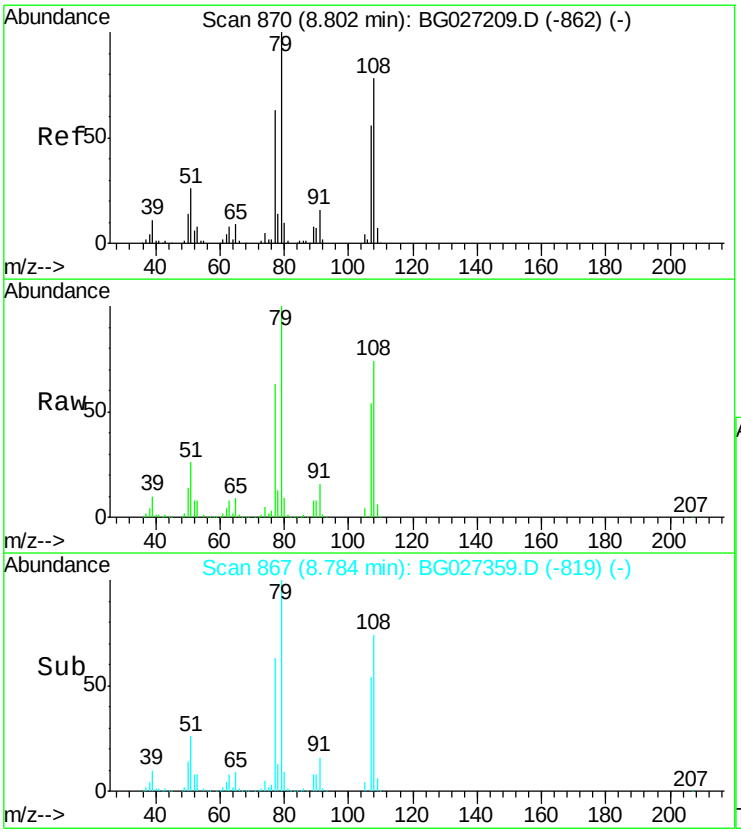
#10
Phenol
Concen: 6.57 ng
RT: 7.71 min Scan# 685
Delta R.T. -0.02 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 29766

Ion	Ratio	Lower	Upper
94	100		
65	33.4	20.6	60.6
66	38.0	35.5	75.5

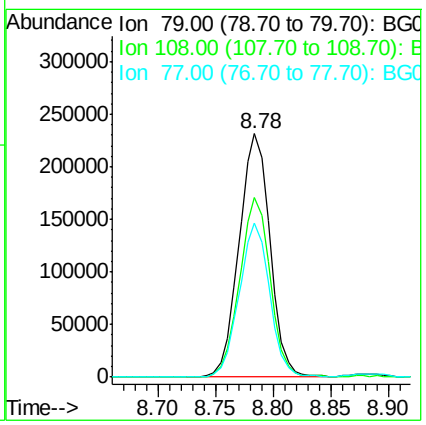


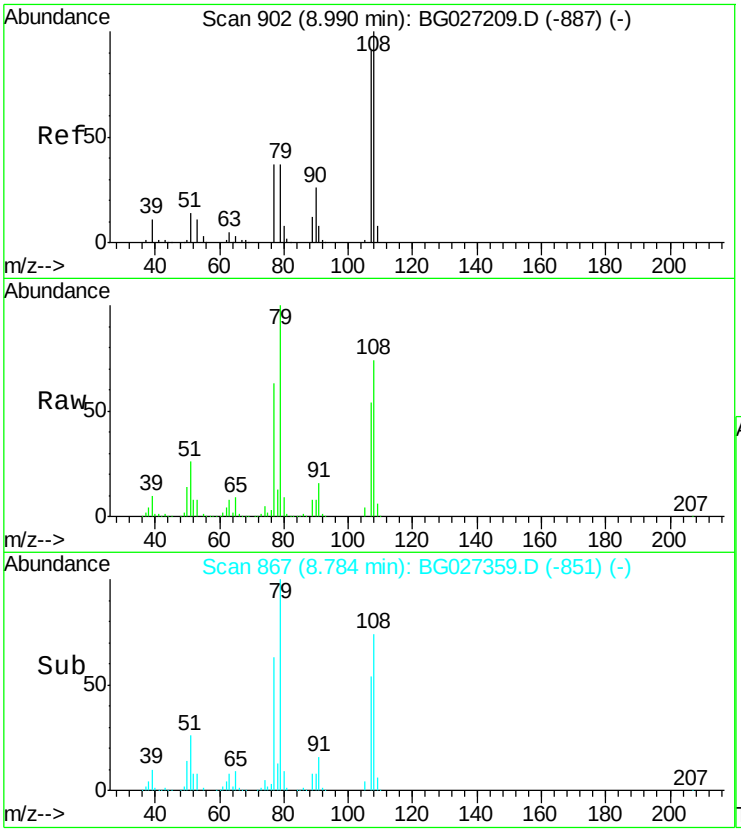


#15
Benzyl Alcohol
Concen: 138.27 ng
RT: 8.78 min Scan# 867
Delta R.T. -0.02 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion: 79 Resp: 431424

Ion	Ratio	Lower	Upper
79	100		
108	73.7	45.5	68.3#
77	63.0	54.3	81.5



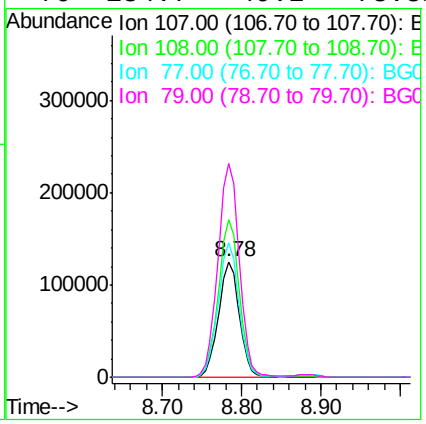


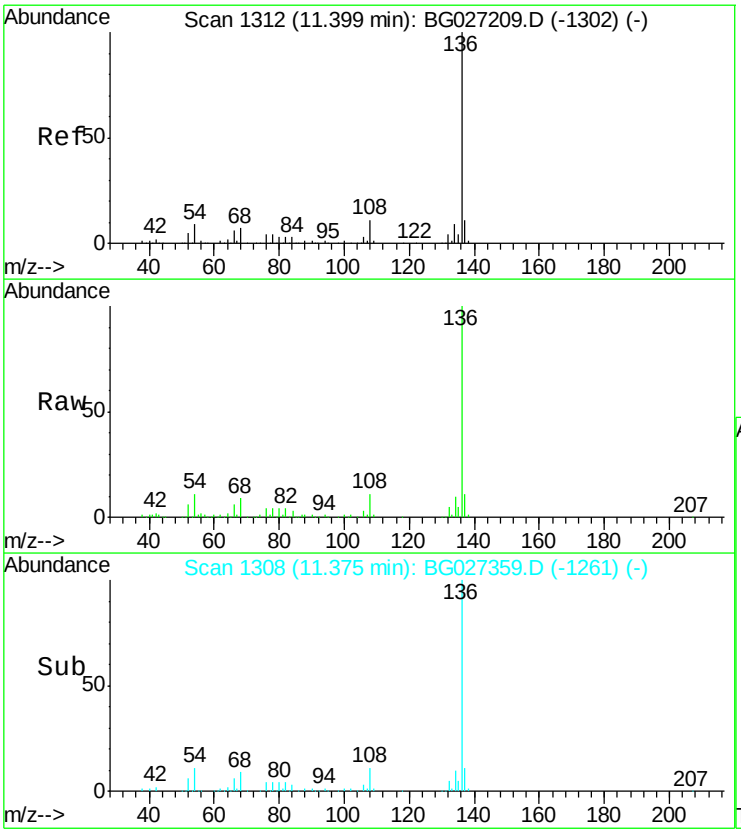
#17
2-Methylphenol
Concen: 71.55 ng
RT: 8.78 min Scan# 867
Delta R.T. -0.21 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 229027

Ion	Ratio	Lower	Upper
107	100		
108	136.2	85.6	128.4#
77	116.4	51.4	77.2#
79	184.7	49.2	73.8#

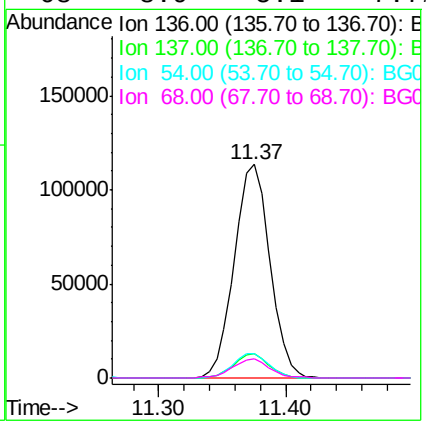


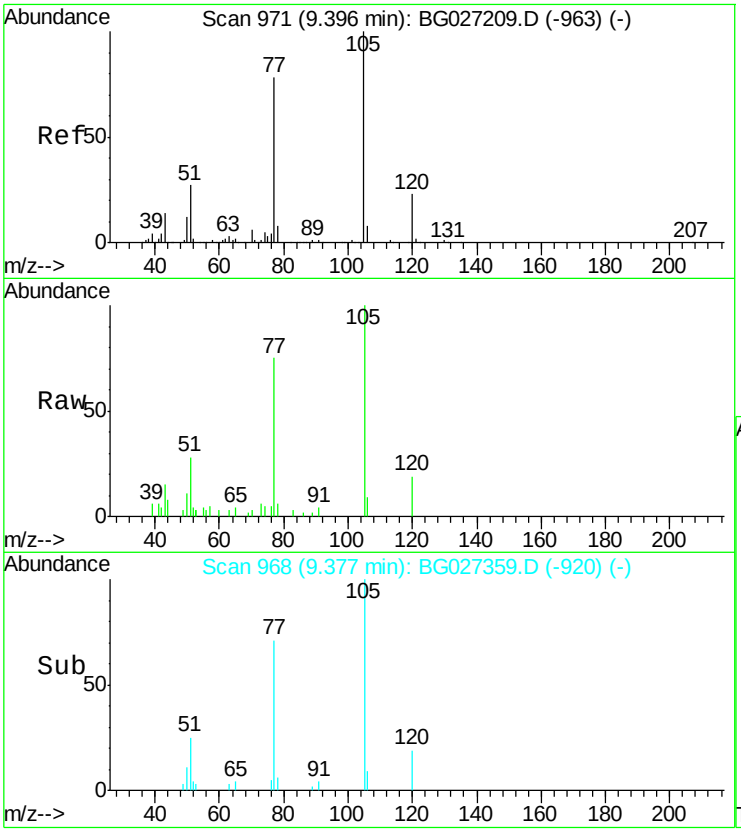


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.37 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion:136 Resp: 221253

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	11.3	9.3	13.9
68	8.9	5.1	7.7#



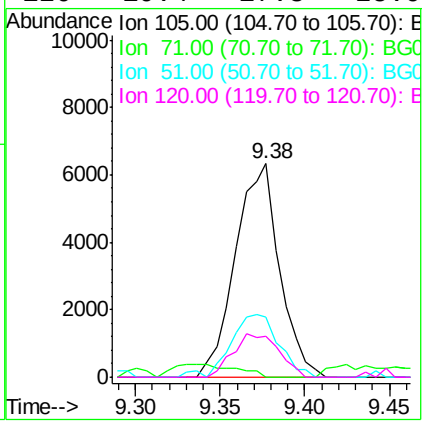


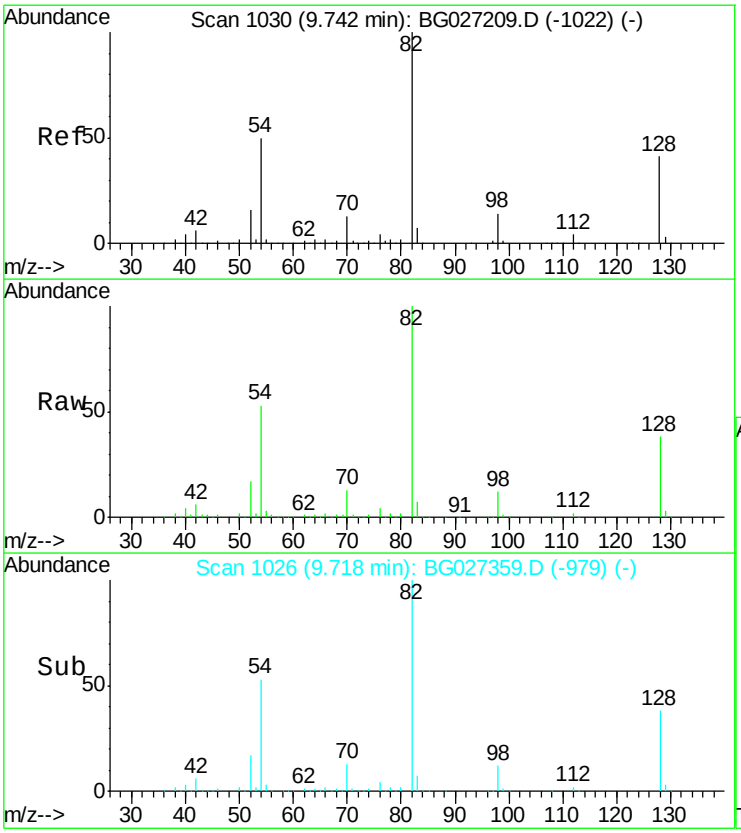
#22
Acetophenone
Concen: 2.03 ng
RT: 9.38 min Scan# 968
Delta R.T. -0.02 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 11486

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	28.2	34.0	51.0#
120	19.4	17.3	25.9

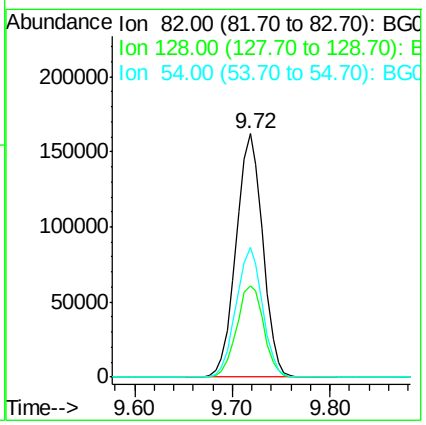


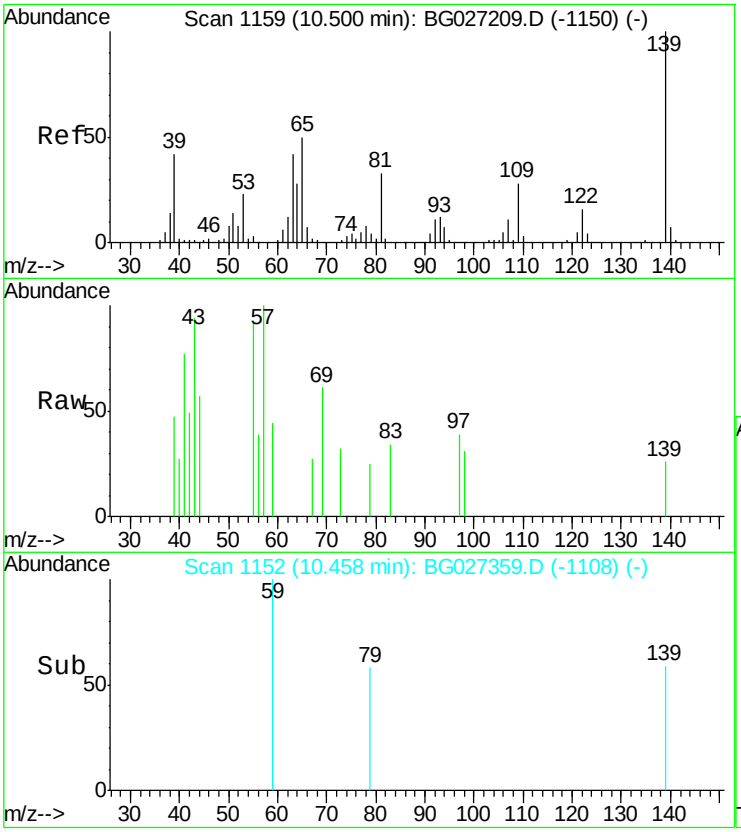


#23
Nitrobenzene-d5
Concen: 87.01 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion: 82 Resp: 306125

Ion	Ratio	Lower	Upper
82	100		
128	37.7	26.4	39.6
54	53.3	49.4	74.2



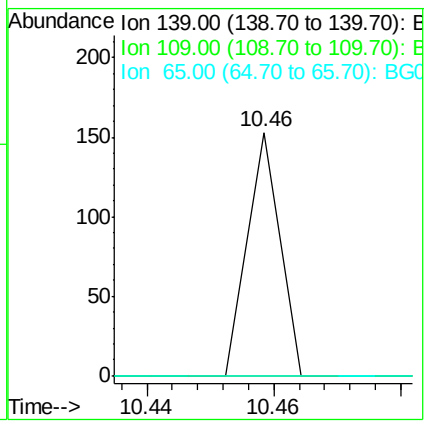


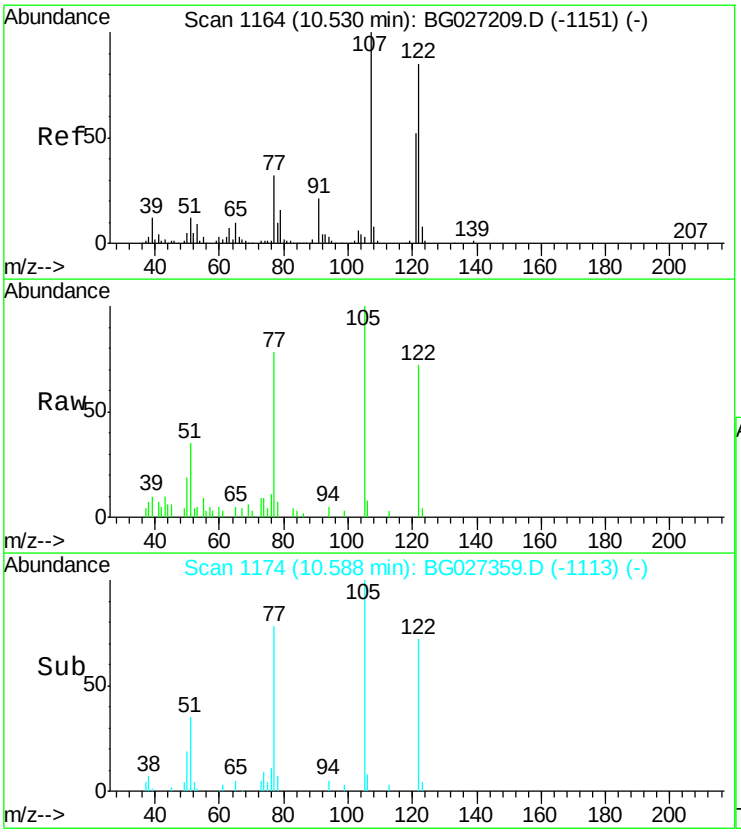
#26
2-Nitrophenol
Concen: 7.22 ng
RT: 10.46 min Scan# 1152
Delta R.T. -0.04 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 54

Ion	Ratio	Lower	Upper
139	100		
109	0.0	38.6	58.0#
65	0.0	57.1	85.7#

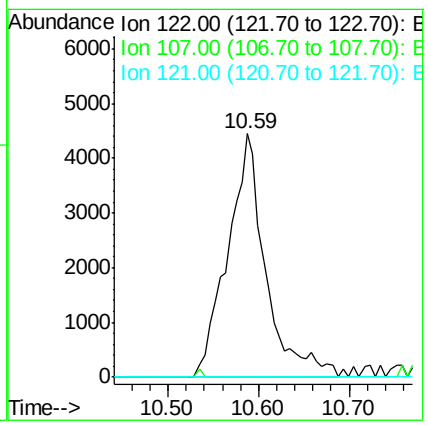


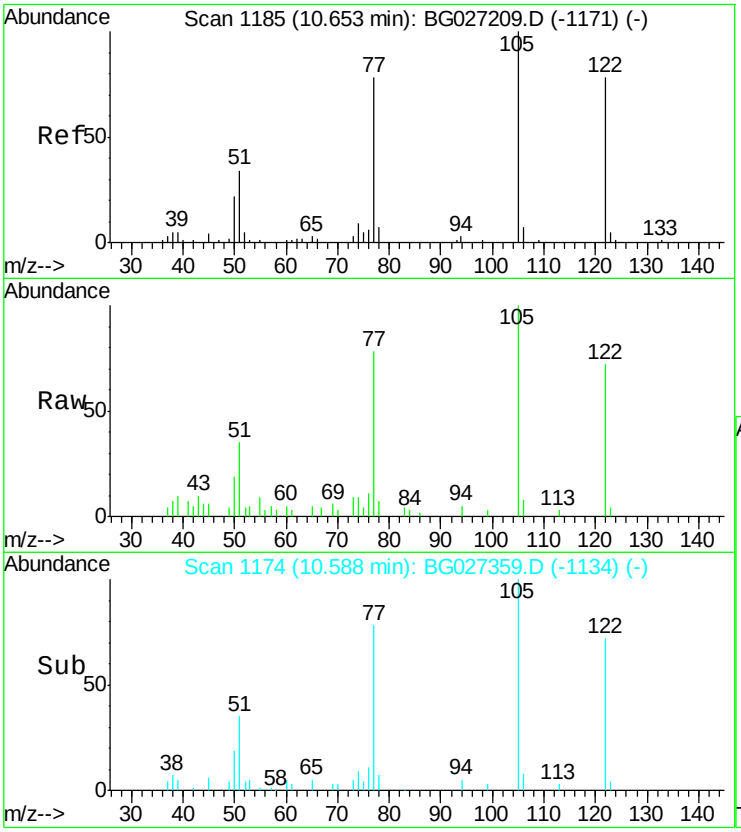


#27
2,4-Dimethylphenol
Concen: 3.62 ng
RT: 10.59 min Scan# 1174
Delta R.T. 0.06 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion:122 Resp: 12889

Ion	Ratio	Lower	Upper
122	100		
107	0.0	104.2	156.4#
121	0.0	46.0	69.0#



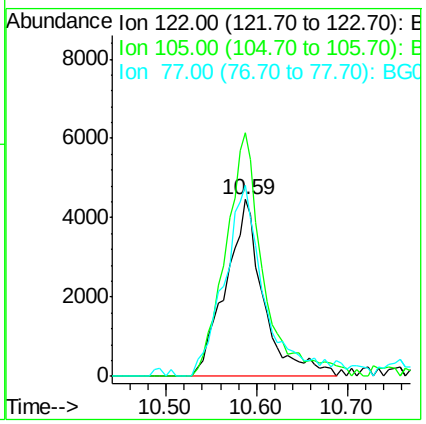


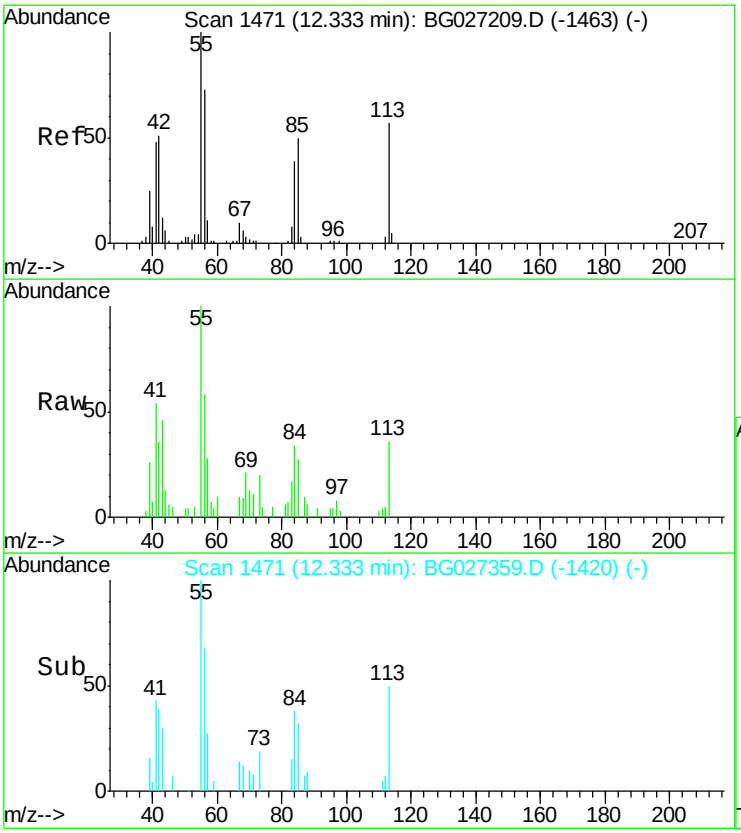
#32
Benzoic acid
Concen: 12.39 ng
RT: 10.59 min Scan# 1174
Delta R.T. -0.06 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 12889

Ion	Ratio	Lower	Upper
122	100		
105	138.0	120.1	160.1
77	108.3	104.6	144.6

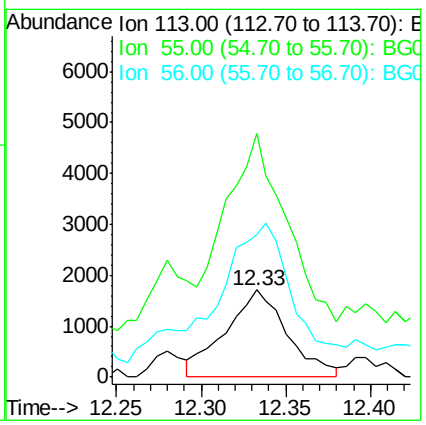


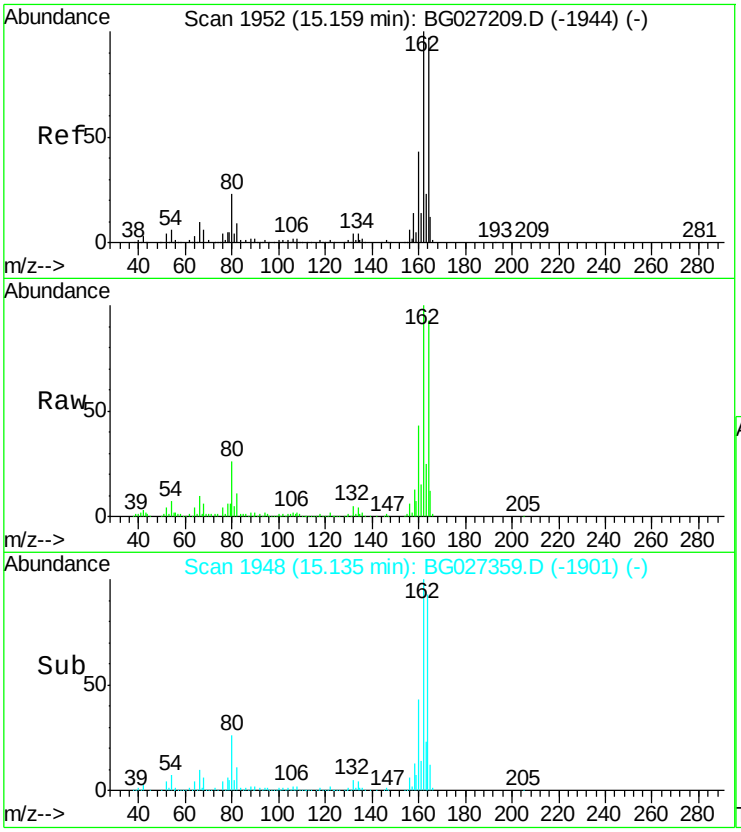


#35
Caprolactam
Concen: 3.91 ng
RT: 12.33 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion:113 Resp: 4356

Ion	Ratio	Lower	Upper
113	100		
55	278.7	198.6	238.6#
56	162.5	140.4	180.4



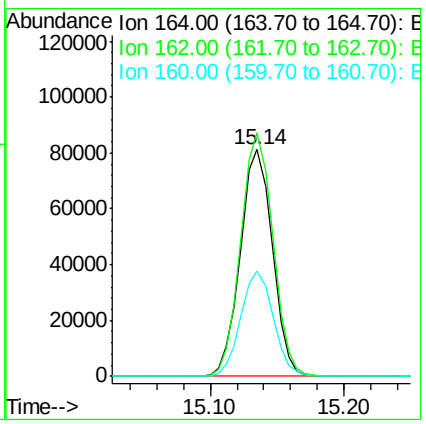


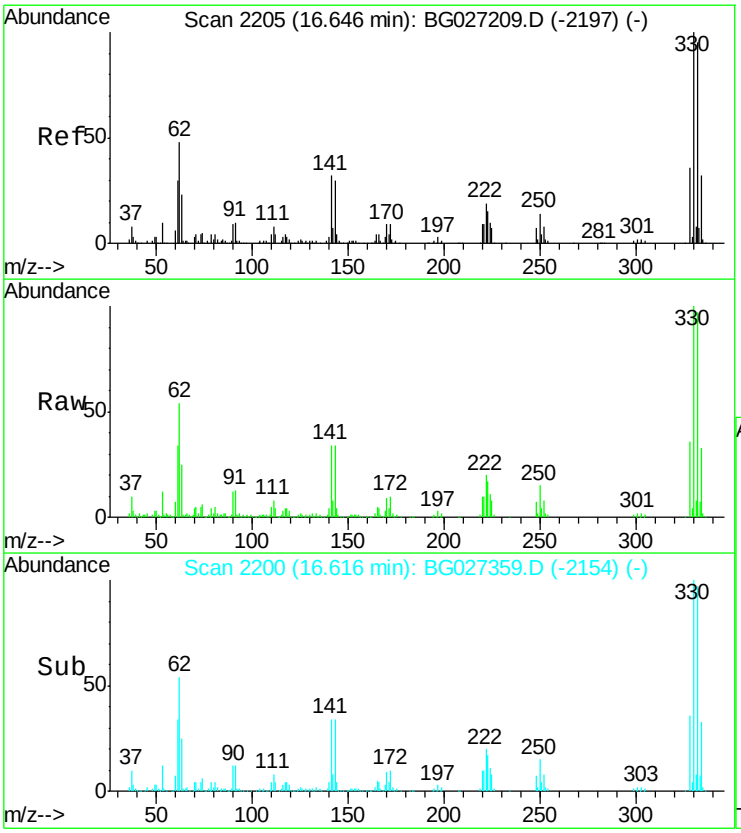
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.14 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 134858

Ion	Ratio	Lower	Upper
164	100		
162	107.5	85.1	127.7
160	46.4	34.7	52.1

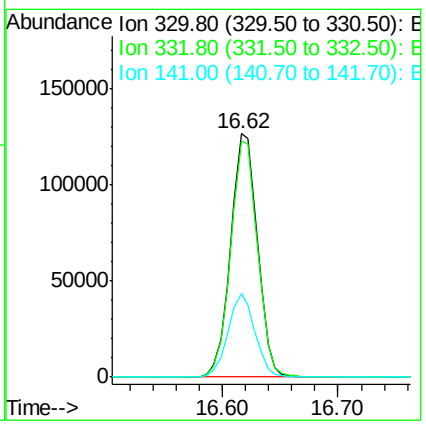


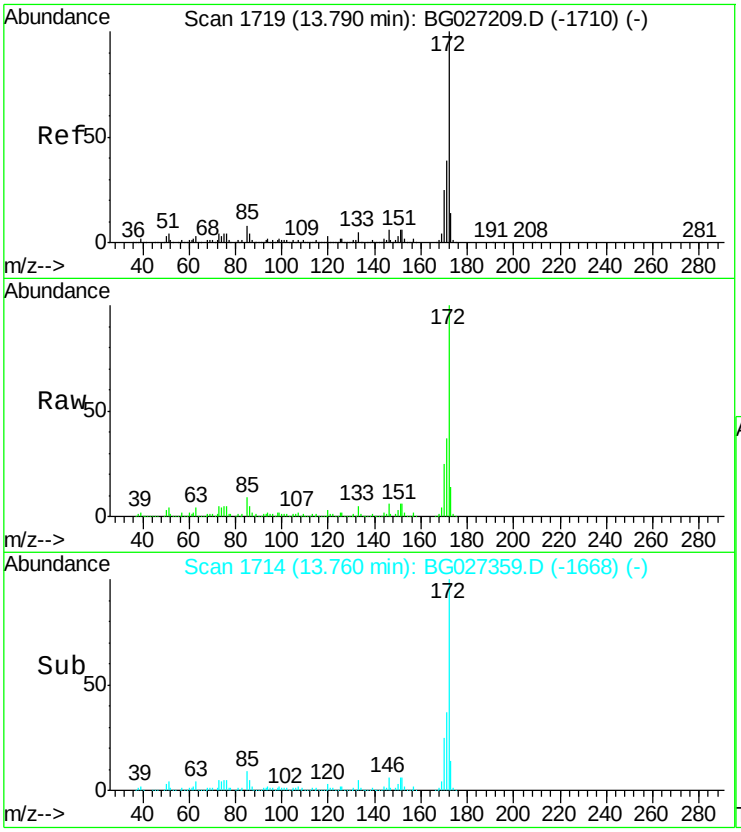


#41
2,4,6-Tribromophenol
Concen: 114.59 ng
RT: 16.62 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion:330 Resp: 203490

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	34.5	32.1	48.1



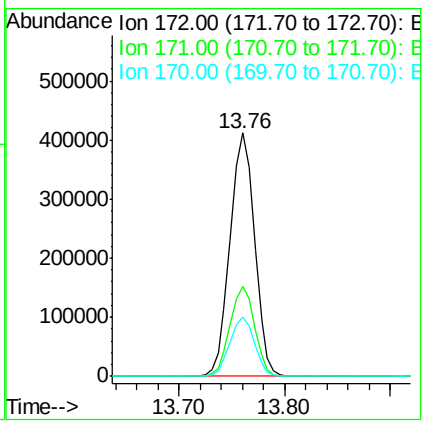


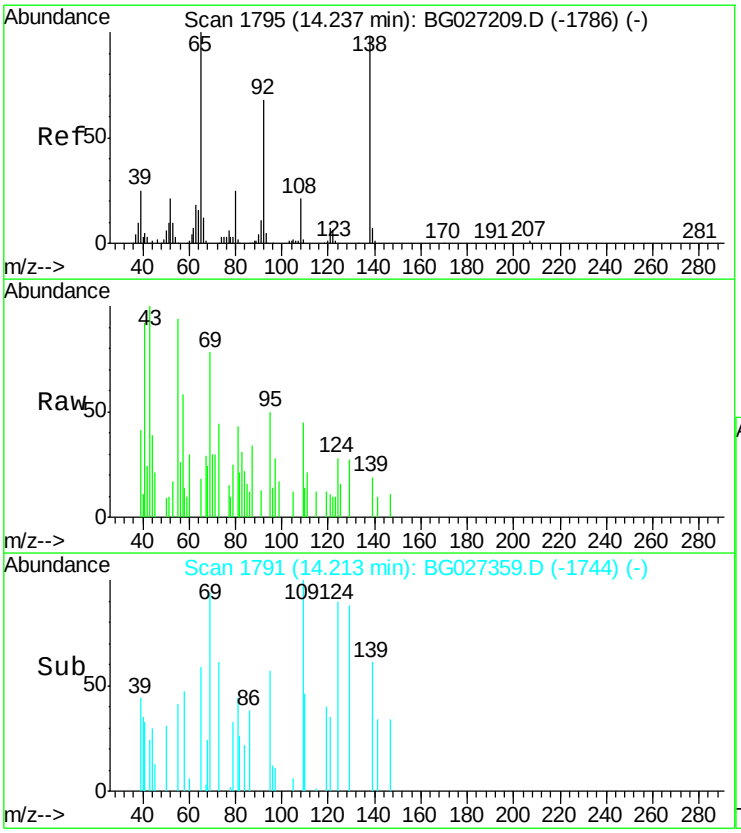
#44
2-Fluorobiphenyl
Concen: 68.46 ng
RT: 13.76 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 659915

Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	24.5	21.8	32.6

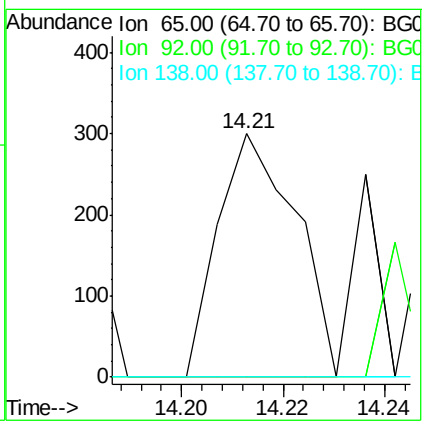


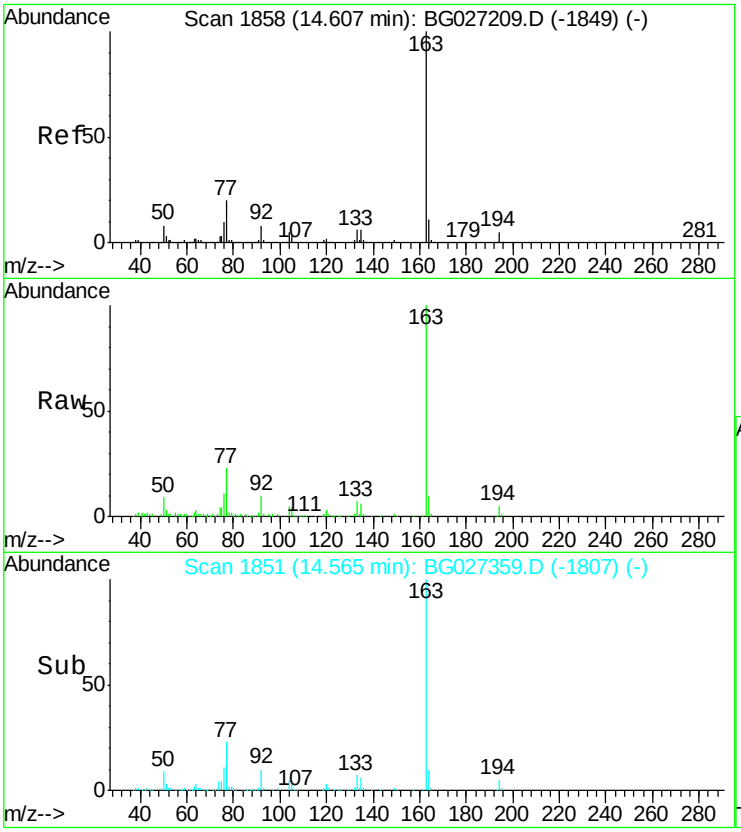


#47
2-Nitroaniline
Concen: 6.95 ng
RT: 14.21 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion: 65 Resp: 321

Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.0	73.4#
138	0.0	58.6	87.8#



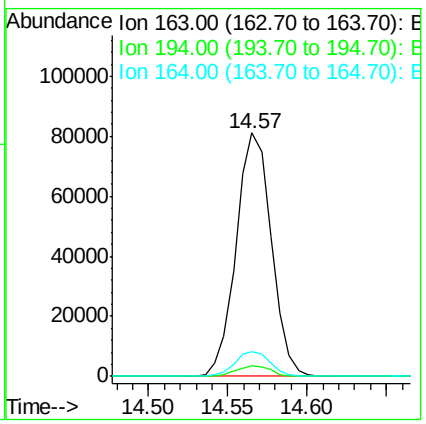


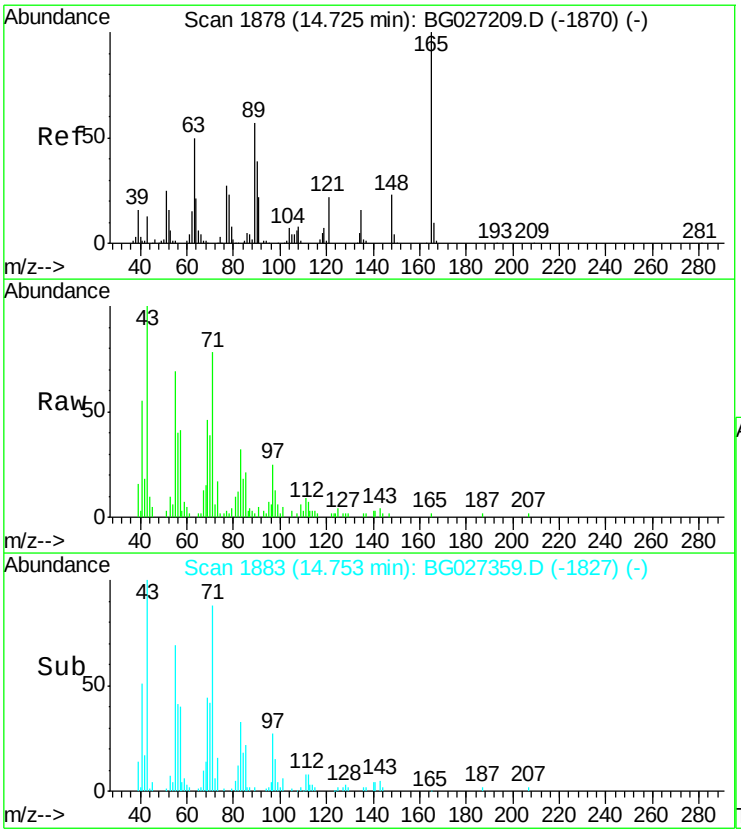
#49
Dimethylphthalate
Concen: 11.68 ng
RT: 14.57 min Scan# 1851
Delta R.T. -0.04 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 124962

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.6
164	10.1	9.3	13.9

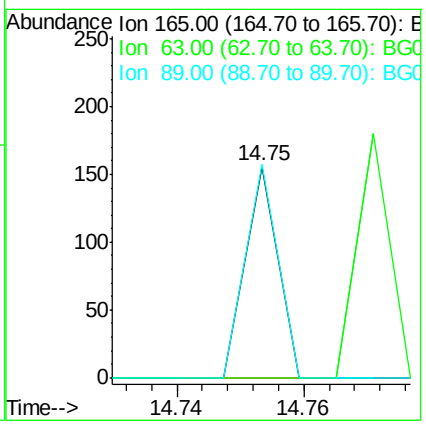


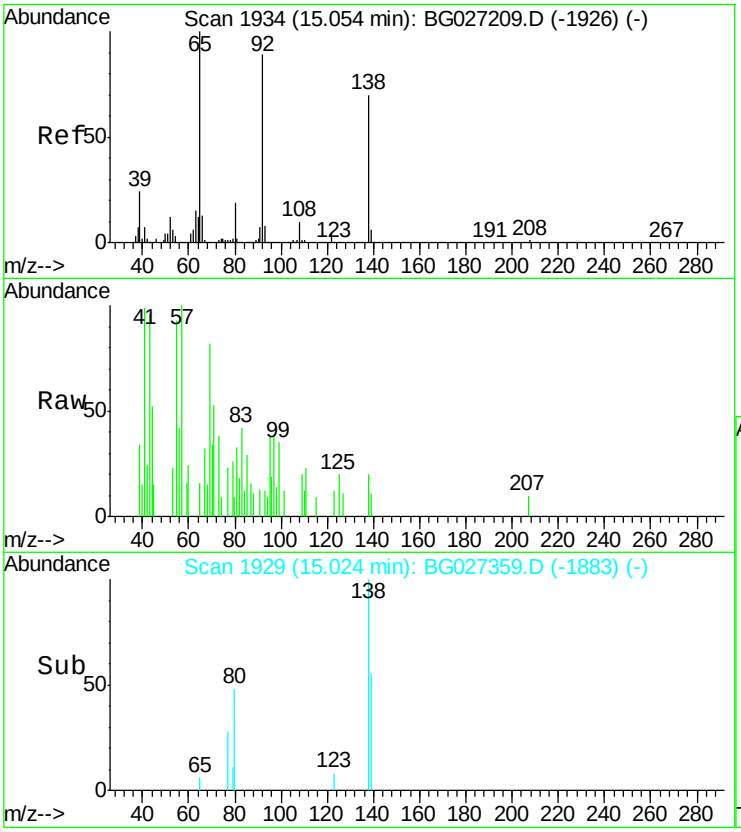


#50
2,6-Dinitrotoluene
Concen: 5.64 ng
RT: 14.75 min Scan# 1883
Delta R.T. 0.03 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion:165 Resp: 55

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.9	95.9#
89	101.3	58.6	88.0#



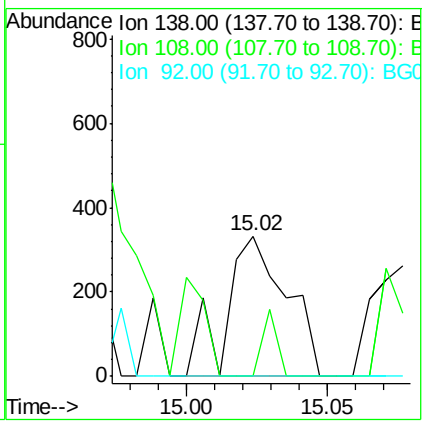


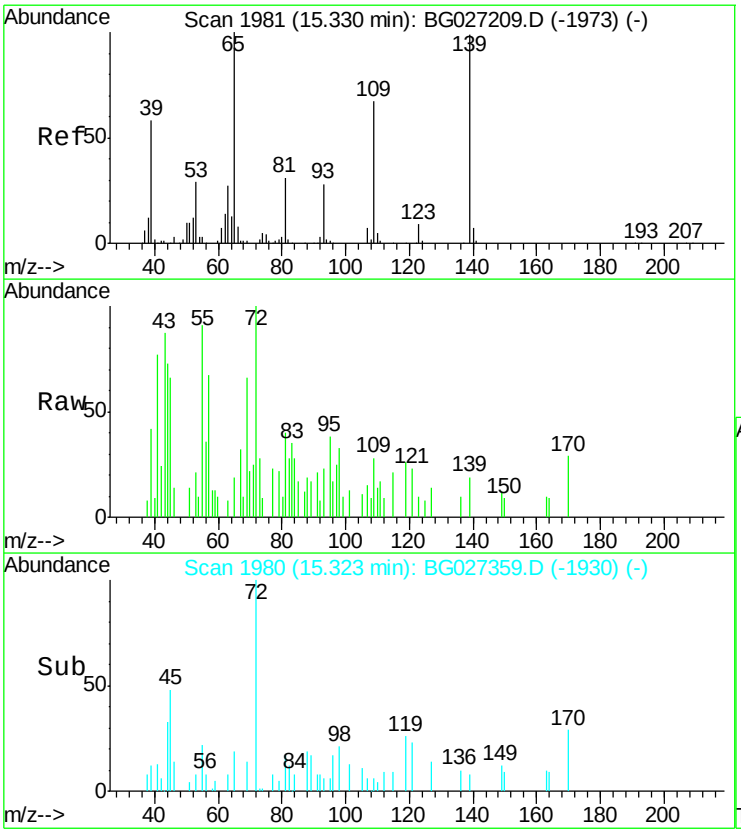
#52
3-Nitroaniline
Concen: 5.91 ng
RT: 15.02 min Scan# 1929
Delta R.T. -0.03 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 499

Ion	Ratio	Lower	Upper
138	100		
108	0.0	10.9	16.3#
92	0.0	115.3	172.9#

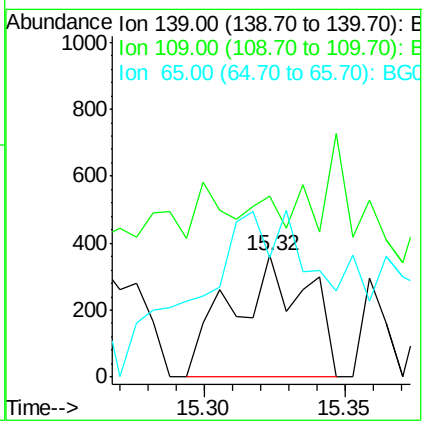


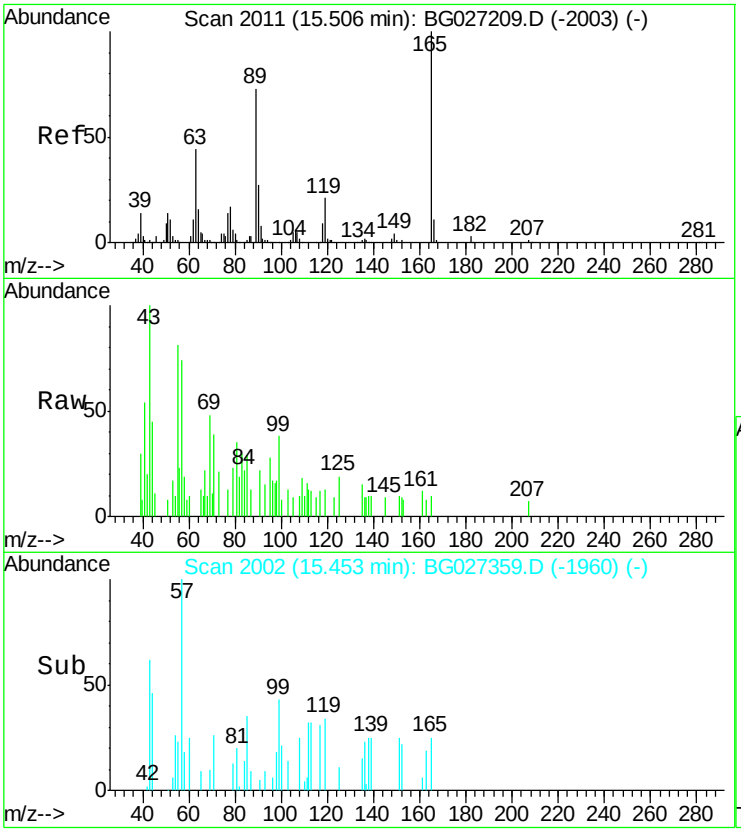


#55
4-Nitrophenol
Concen: 6.43 ng
RT: 15.32 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion:139 Resp: 670

Ion	Ratio	Lower	Upper
139	100		
109	148.1	101.2	141.2#
65	98.4	135.3	175.3#



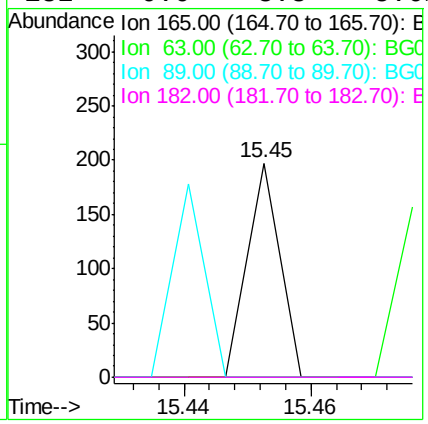


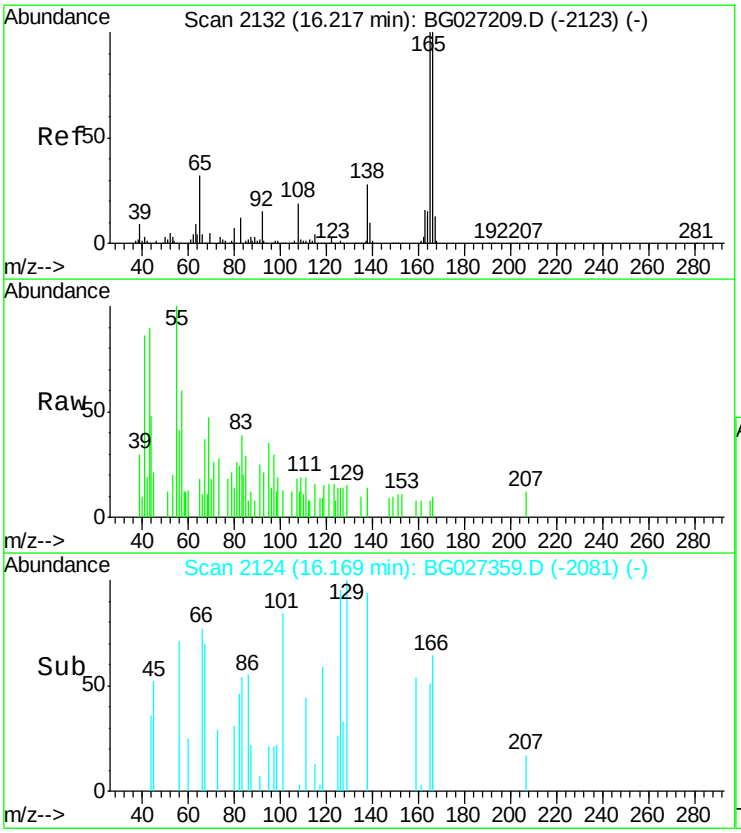
#56
2,4-Dinitrotoluene
Concen: 7.01 ng
RT: 15.45 min Scan# 2002
Delta R.T. -0.05 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 69

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.0	66.0#
89	0.0	67.3	100.9#
182	0.0	3.8	5.6#

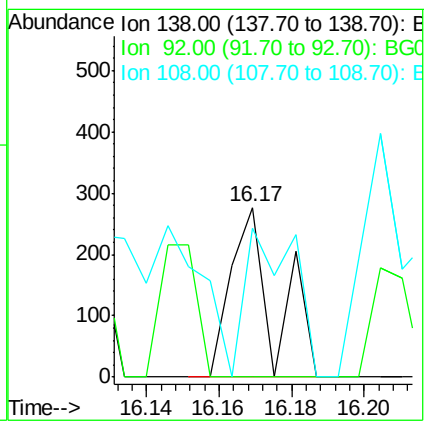


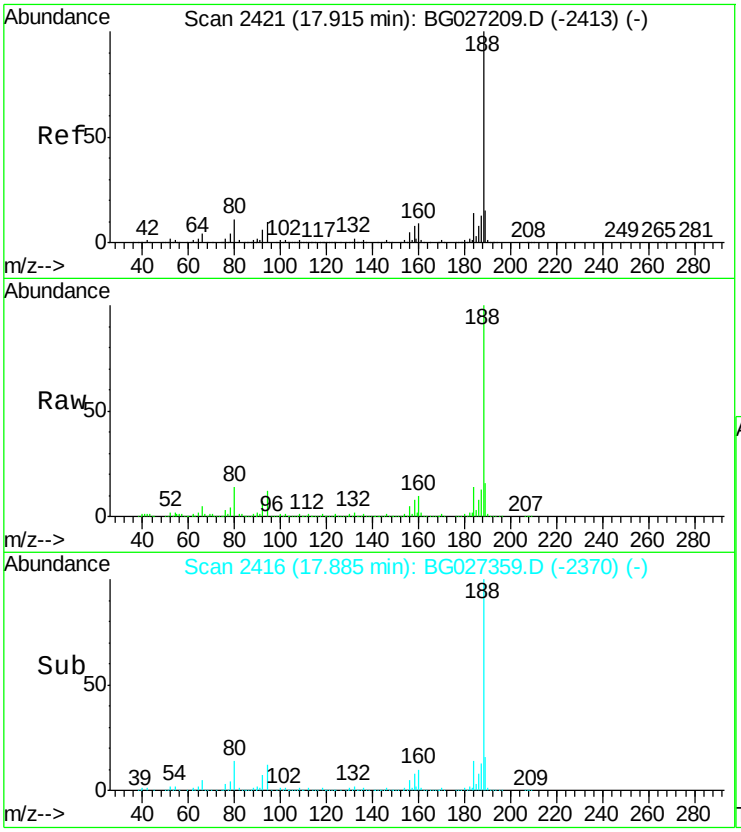


#61
4-Nitroaniline
Concen: 5.99 ng
RT: 16.17 min Scan# 2124
Delta R.T. -0.05 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion:138 Resp: 235

Ion	Ratio	Lower	Upper
138	100		
92	0.0	44.2	84.2#
108	87.7	104.8	144.8#



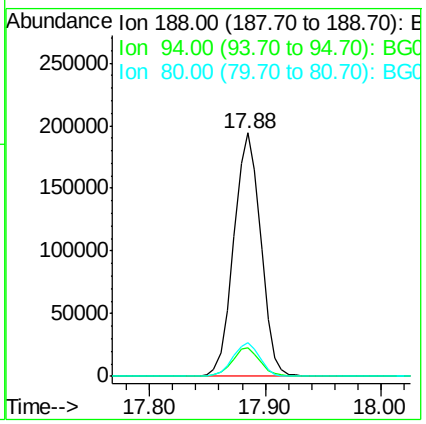


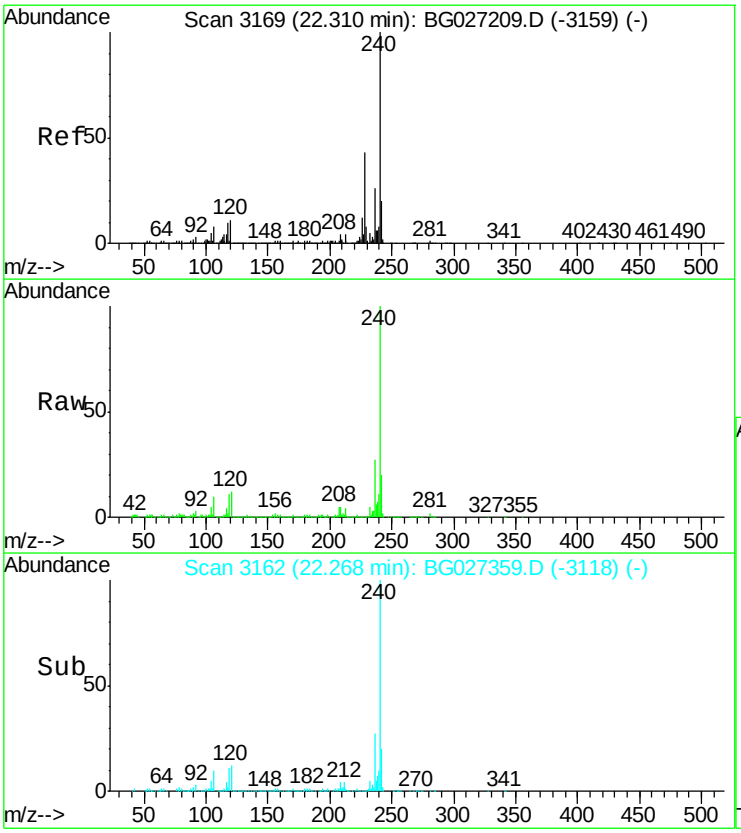
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 314110

Ion	Ratio	Lower	Upper
188	100		
94	11.8	5.8	8.8#
80	14.1	7.5	11.3#

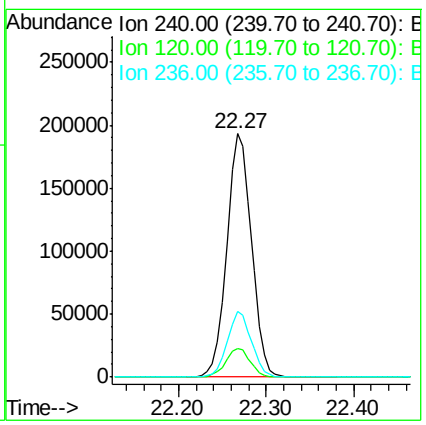


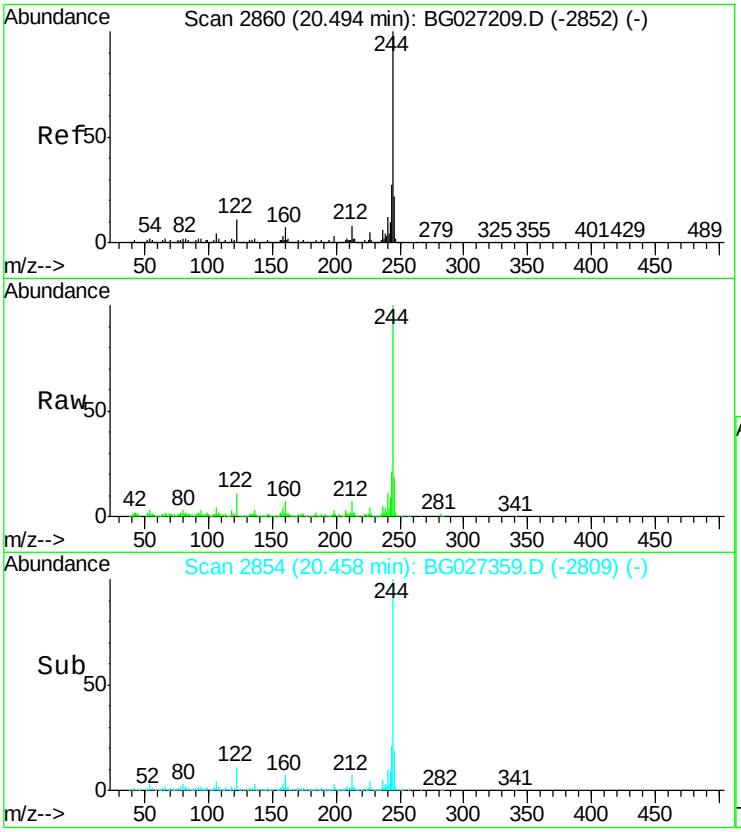


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.04 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion:240 Resp: 369947

Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.7	8.5#
236	26.7	22.2	33.4



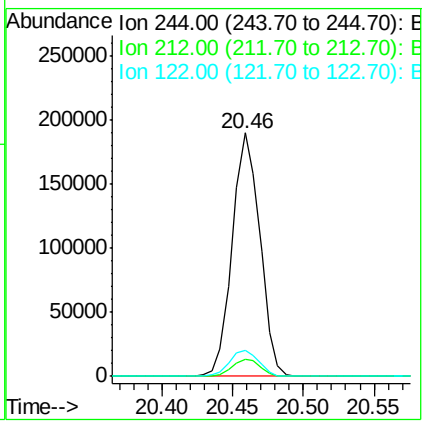


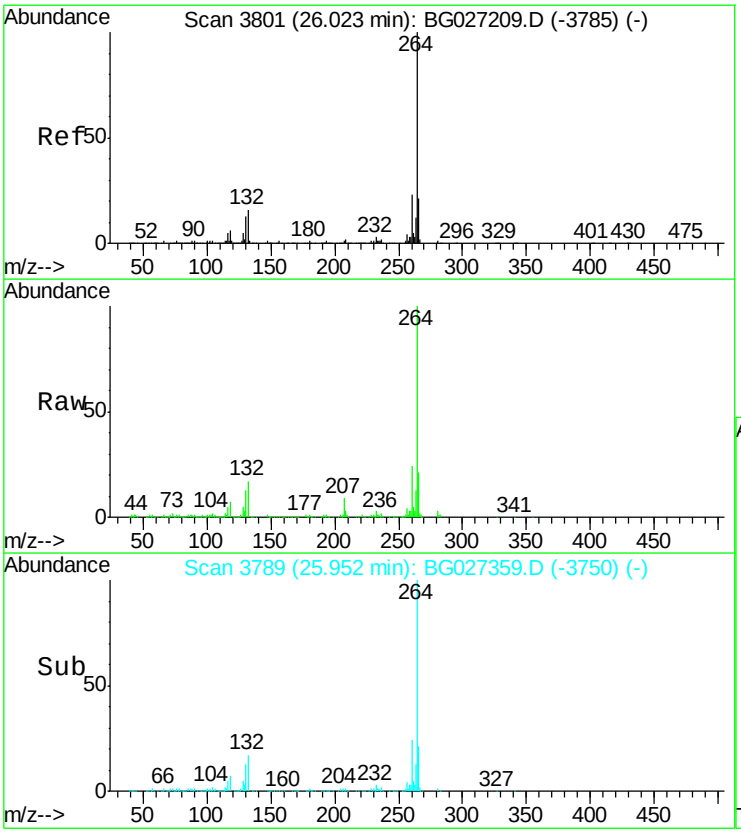
#78
Terphenyl-d14
Concen: 17.88 ng
RT: 20.46 min Scan# 2854
Delta R.T. -0.04 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 259261

Ion	Ratio	Lower	Upper
244	100		
212	7.2	10.0	15.0#
122	10.9	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.95 min Scan# 3789
Delta R.T. -0.07 min
Lab File: BG027359.D
Acq: 9 Jun 2017 22:45

Tgt Ion:264 Resp: 360515

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	21.4	18.2	27.4