Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060917\
Data File : BG027365.D
Acq On : 10 Jun 2017 2:41
Operator : SJ/MA
Sample : I3575-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 10 04:00:32 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	49282	20.00	ng	-0.03
21) Naphthalene-d8	11.37	136	223718	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	28599	20.00	ng	-0.03
63) Phenanthrene-d10	17.88	188	174129	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	43875	20.00	ng	-0.04
86) Perylene-d12	25.95	264	2211	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	458657	142.02	ng	-0.01
7) Phenol-d6	7.69	99	182910	38.58	ng	-0.01
23) Nitrobenzene-d5	9.72	82	464991	130.71	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	337536	896.27	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	1017811	497.88	ng	-0.03
78) Terphenyl-d14	20.46	244	687559	399.76	ng	-0.03
Target Compounds						Qvalue
15) Benzyl Alcohol	8.88	79	6946	2.08	ng	# 39
32) Benzoic acid	10.54	122	219	8.10	ng	# 78
47) 2-Nitroaniline	14.46	65	70	6.95	ng	# 16
50) 2,6-Dinitrotoluene	14.49	165	55	5.72	ng	# 23
55) 4-Nitrophenol	15.52	139	284	6.74	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	359	7.50	ng	# 61
61) 4-Nitroaniline	15.93	138	56	6.00	ng	# 1
65) n-Nitrosodiphenylamine	16.62	169	11131	2.04	ng	# 46

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

Quantitation Report (Not Reviewed)

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Acq On : 10 Jun 2017 2:41
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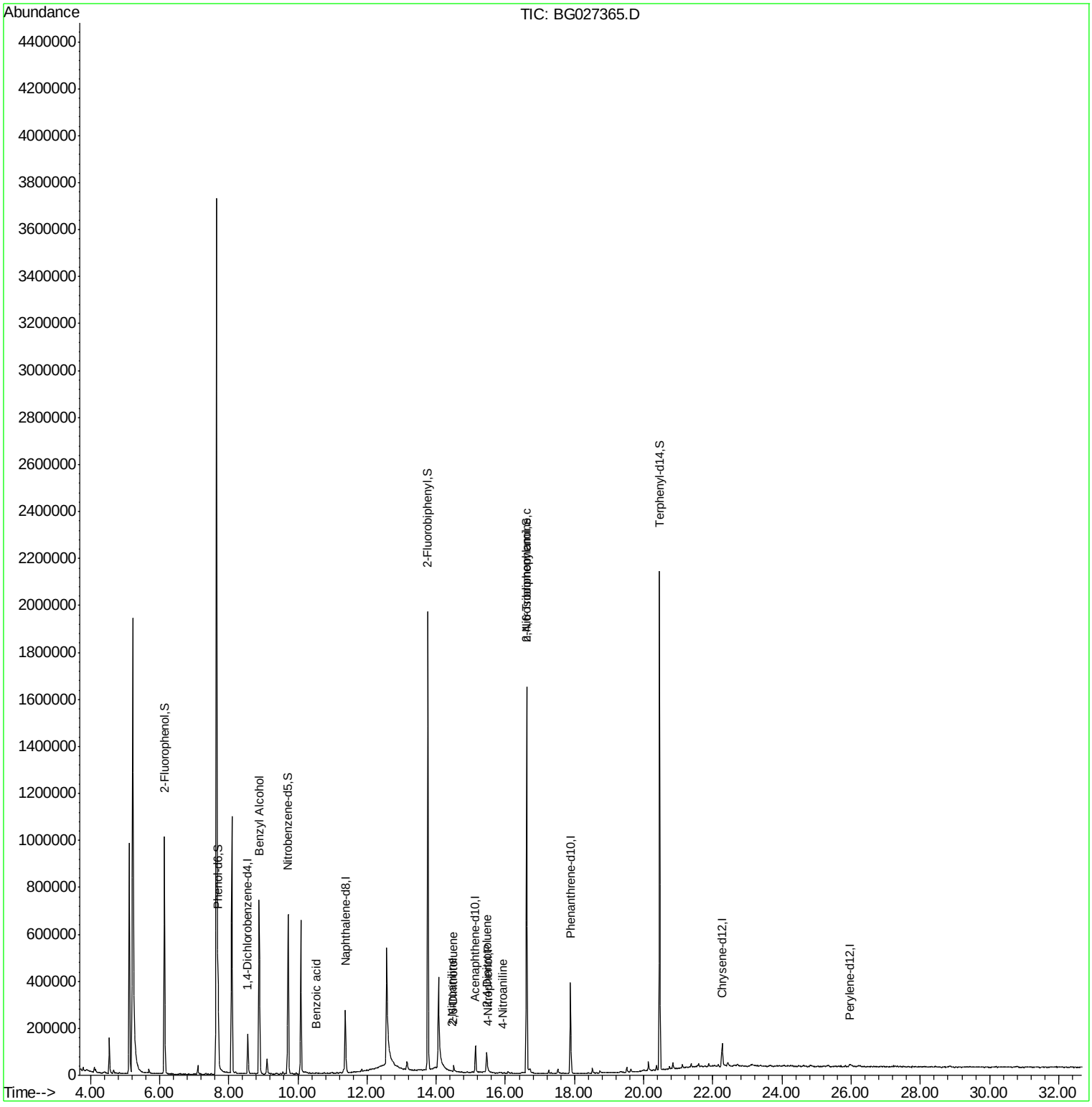
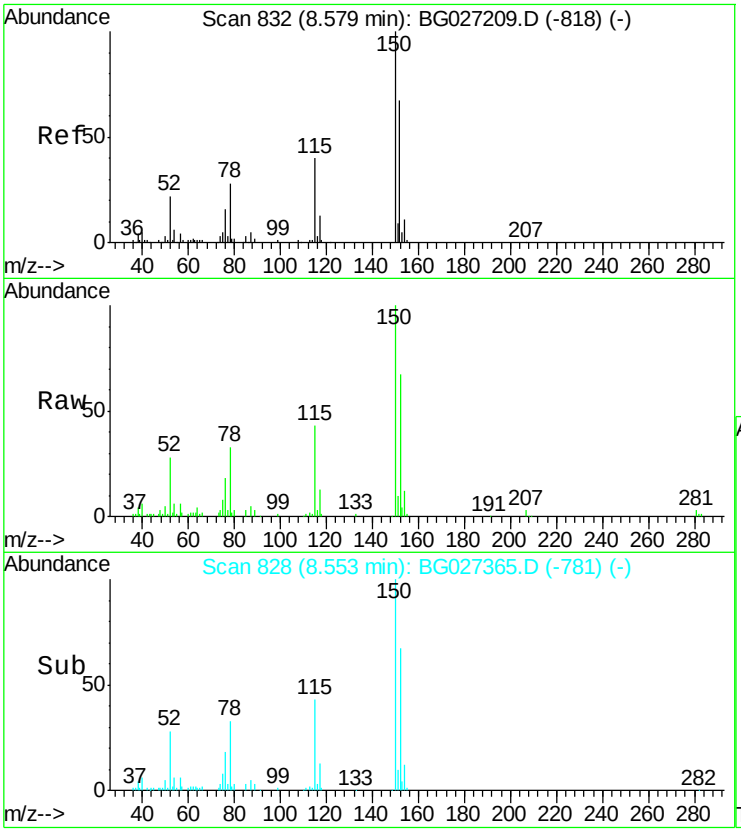


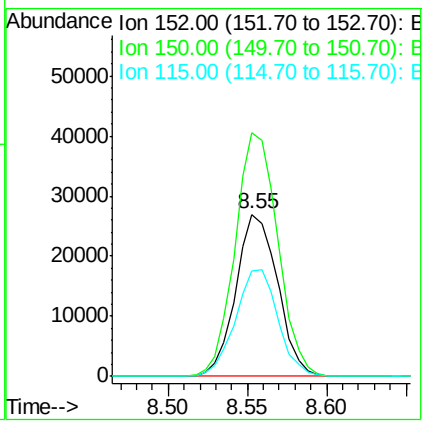


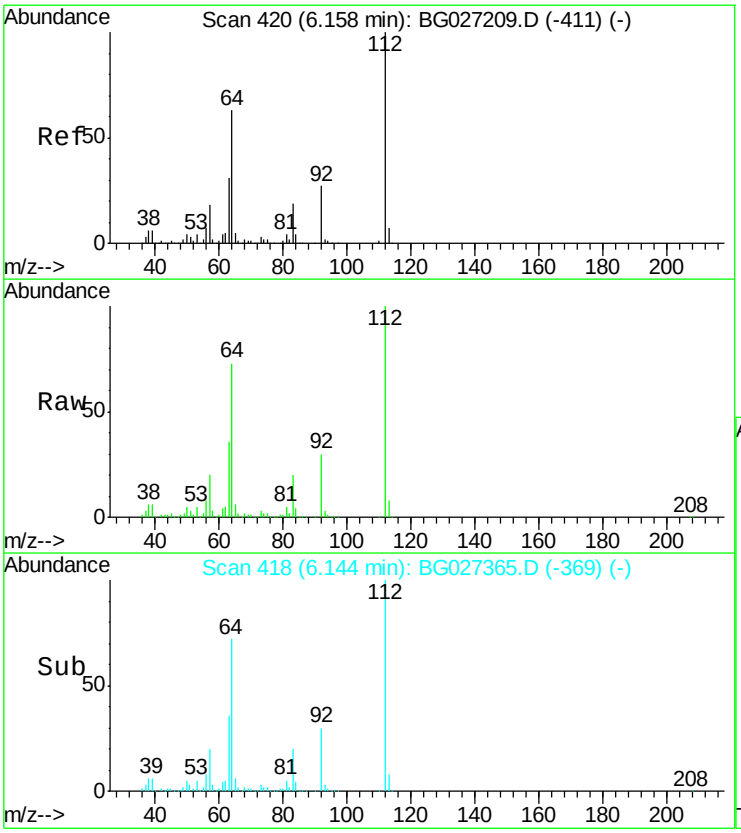
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.55 min Scan# 828
Delta R.T. -0.03 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 49282

Ion	Ratio	Lower	Upper
152	100		
150	150.3	114.0	171.0
115	64.8	48.1	72.1

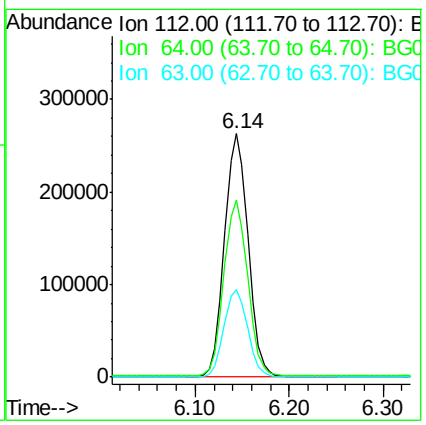


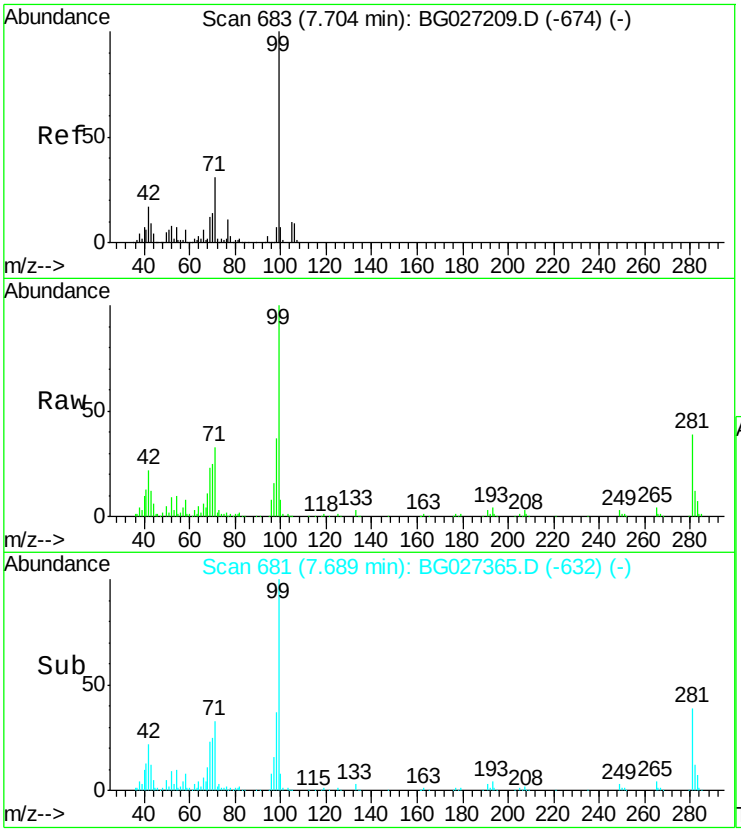


#5
2-Fluorophenol
Concen: 142.02 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Tgt Ion:112 Resp: 458657

Ion	Ratio	Lower	Upper
112	100		
64	72.6	61.8	92.6
63	36.0	37.2	55.8#



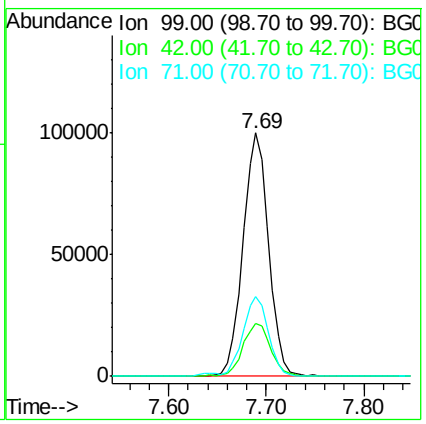


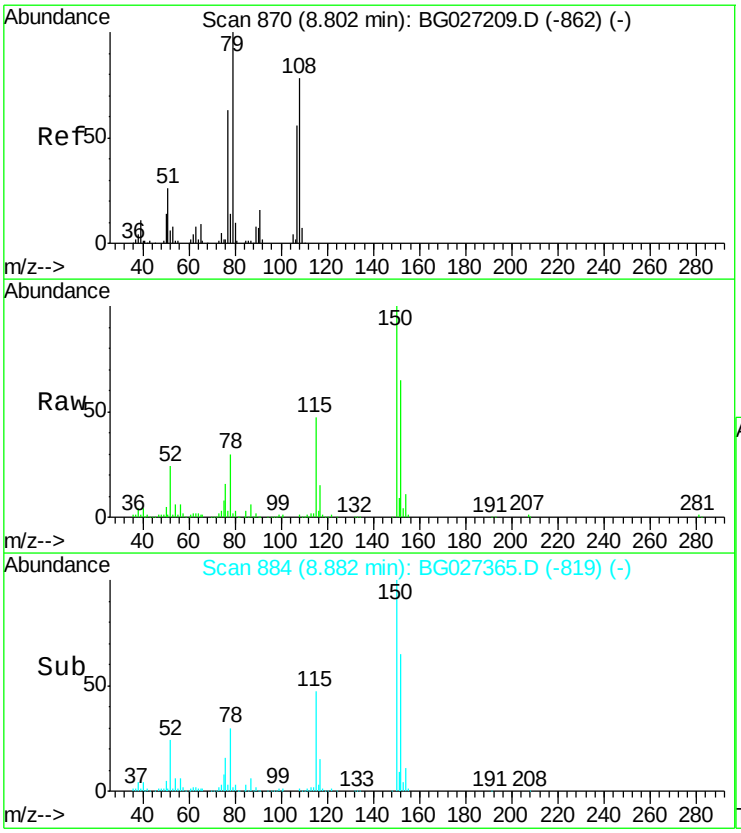
#7
Phenol-d6
Concen: 38.58 ng
RT: 7.69 min Scan# 681
Delta R.T. -0.01 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 182910

Ion	Ratio	Lower	Upper
99	100		
42	21.8	20.5	30.7
71	32.9	37.6	56.4#

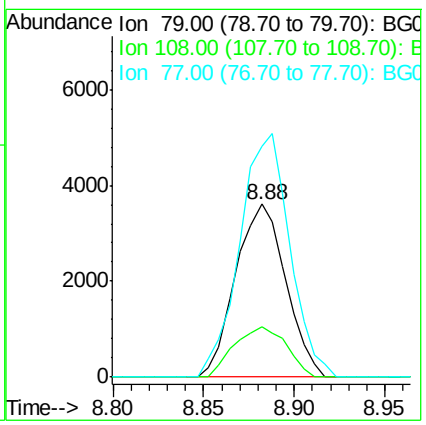


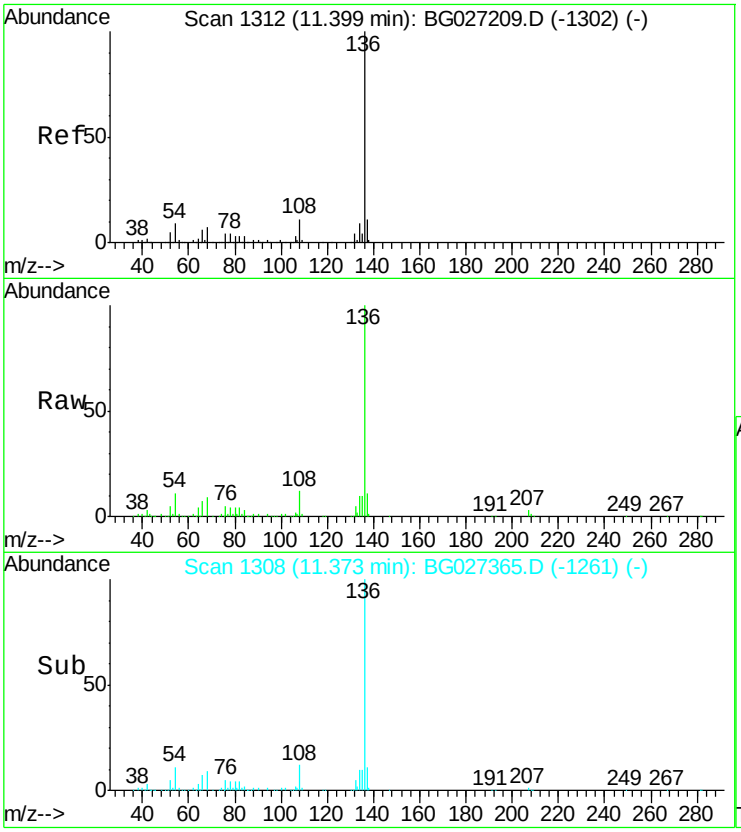


#15
Benzyl Alcohol
Concen: 2.08 ng
RT: 8.88 min Scan# 884
Delta R.T. 0.08 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Tgt Ion: 79 Resp: 6946

Ion	Ratio	Lower	Upper
79	100		
108	29.3	45.5	68.3#
77	133.3	54.3	81.5#



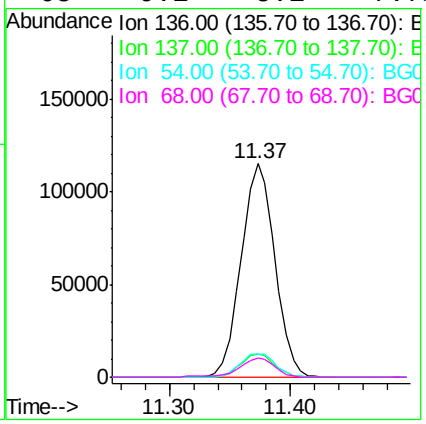


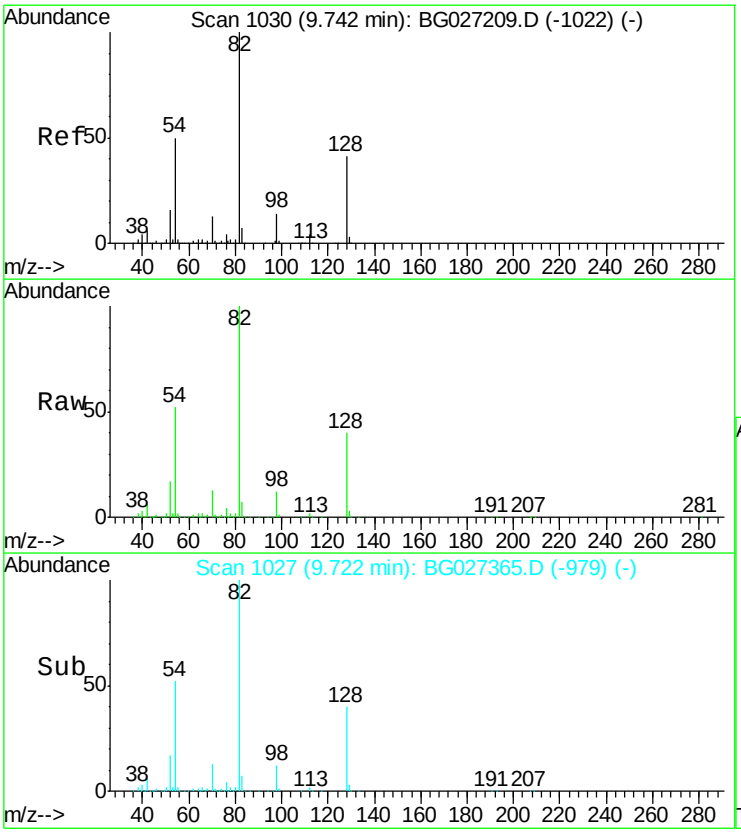
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.37 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 223718

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.9	9.3	13.9
68	9.1	5.1	7.7#

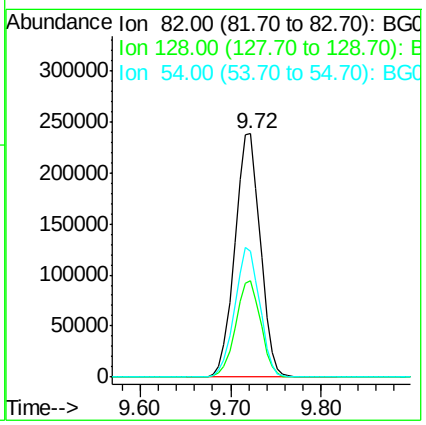


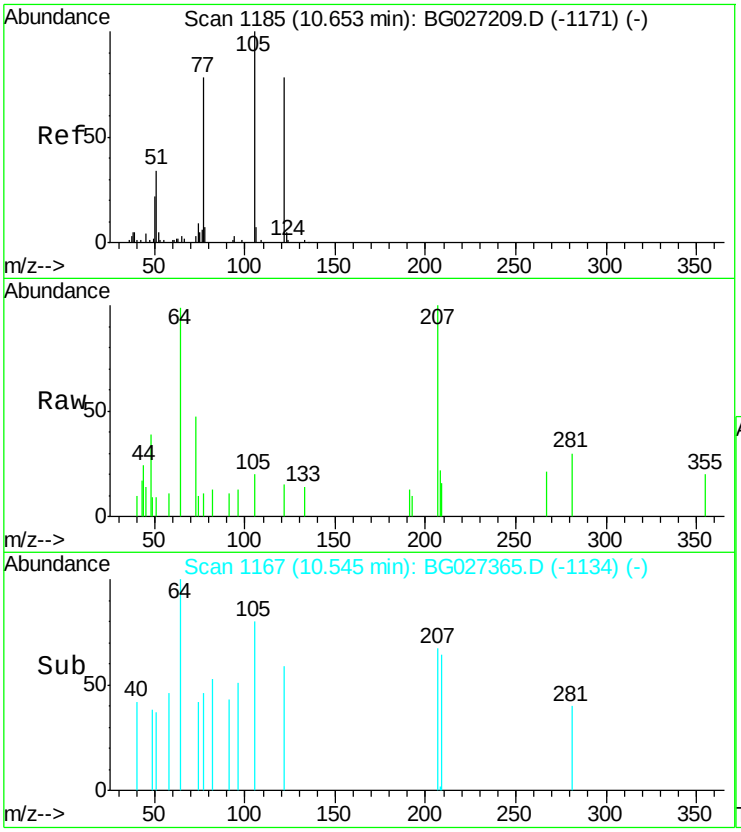


#23
Nitrobenzene-d5
Concen: 130.71 ng
RT: 9.72 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Tgt Ion: 82 Resp: 464991

Ion	Ratio	Lower	Upper
82	100		
128	39.8	26.4	39.6#
54	51.5	49.4	74.2



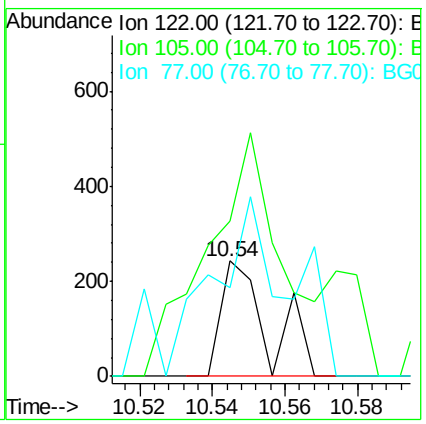


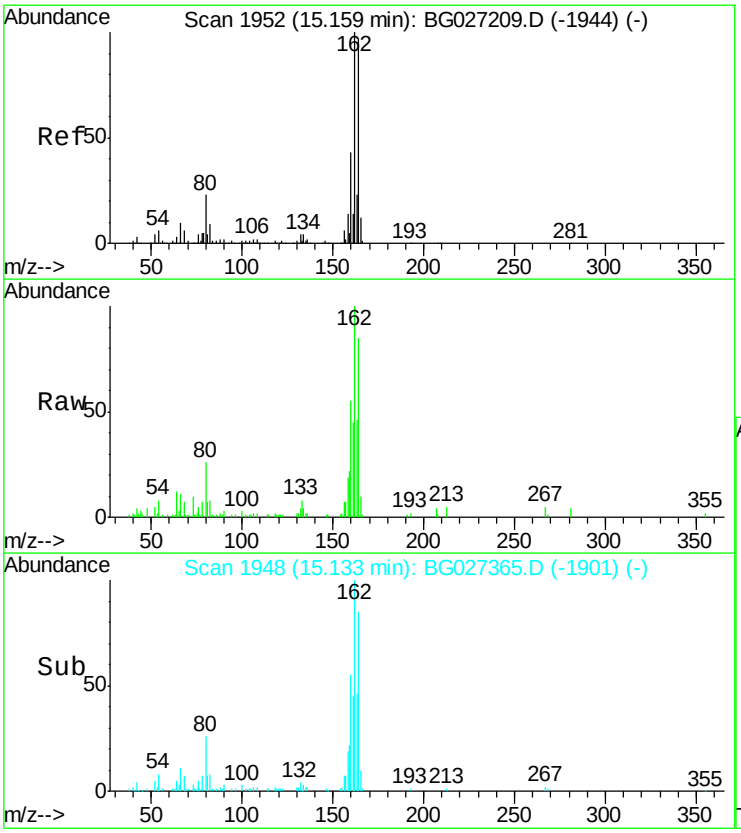
#32
Benzoic acid
Concen: 8.10 ng
RT: 10.54 min Scan# 1167
Delta R.T. -0.11 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 219

Ion	Ratio	Lower	Upper
122	100		
105	135.0	120.1	160.1
77	77.0	104.6	144.6#

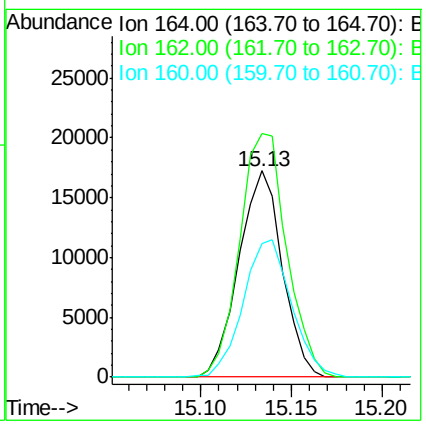


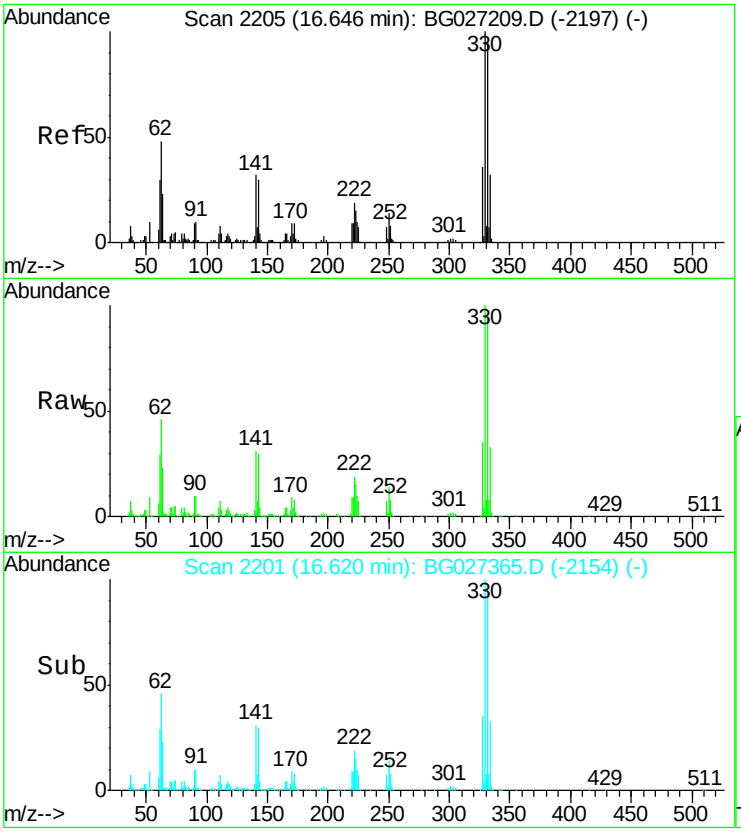


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.13 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Tgt Ion:164 Resp: 28599

Ion	Ratio	Lower	Upper
164	100		
162	118.3	85.1	127.7
160	65.0	34.7	52.1#



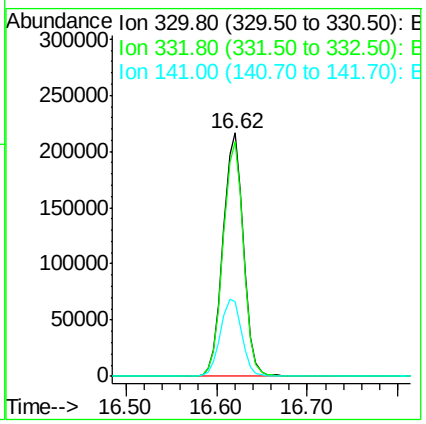


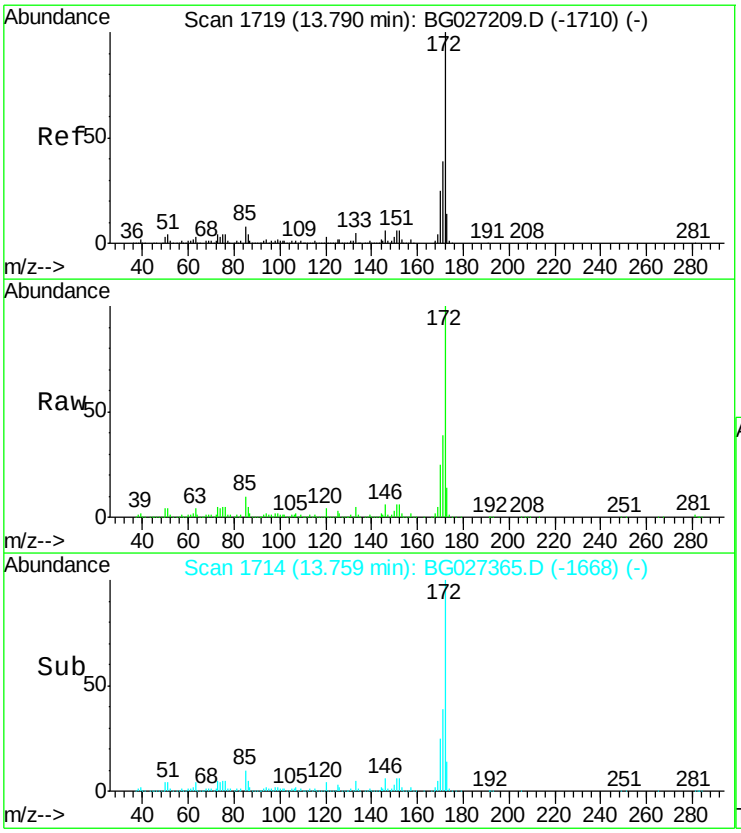
#41
2,4,6-Tribromophenol
Concen: 896.27 ng
RT: 16.62 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 337536

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	33.3	32.1	48.1

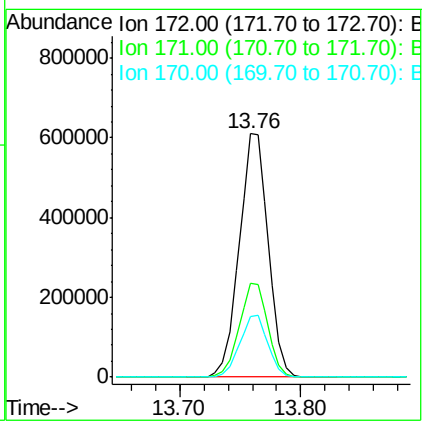


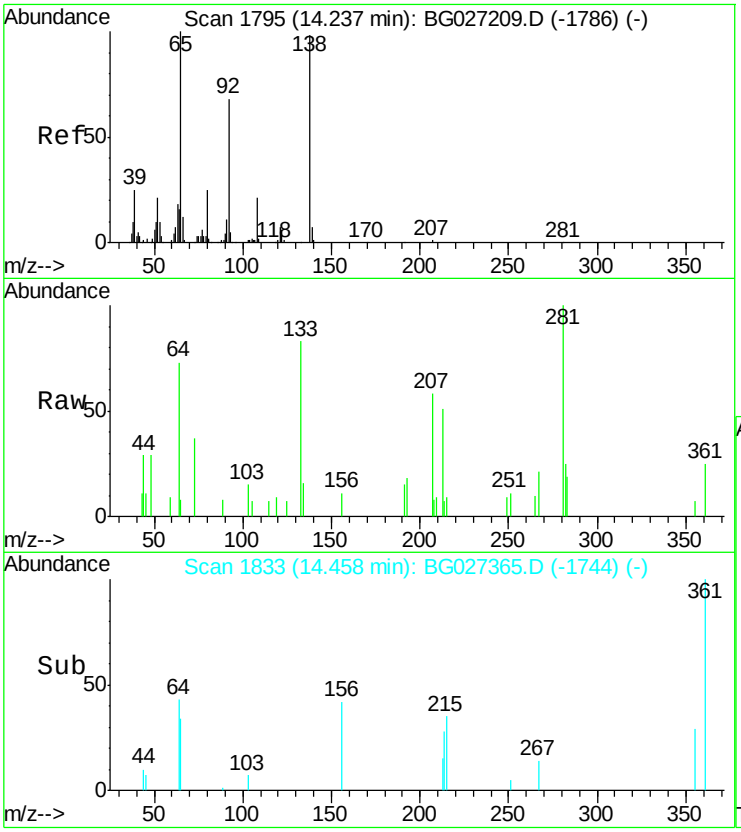


#44
2-Fluorobiphenyl
Concen: 497.88 ng
RT: 13.76 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Tgt Ion:172 Resp: 1017811

Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.2	48.2
170	25.1	21.8	32.6



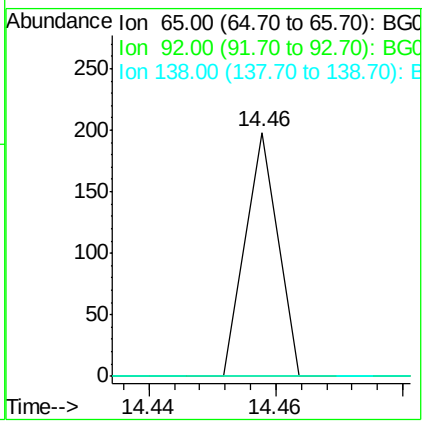


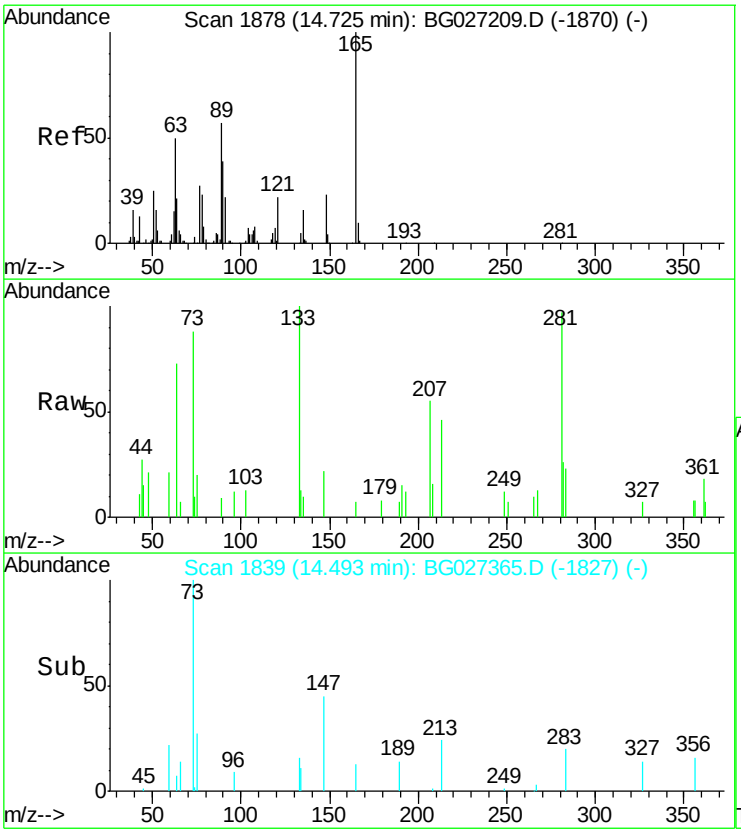
#47
2-Nitroaniline
Concen: 6.95 ng
RT: 14.46 min Scan# 1833
Delta R.T. 0.22 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 70

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

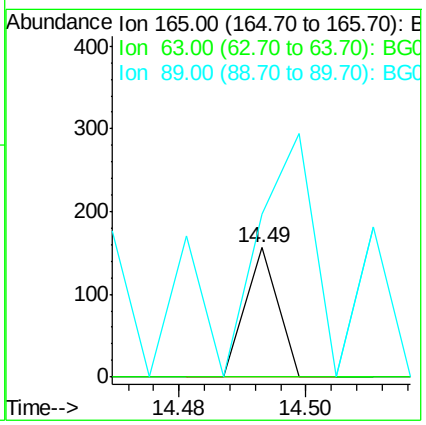


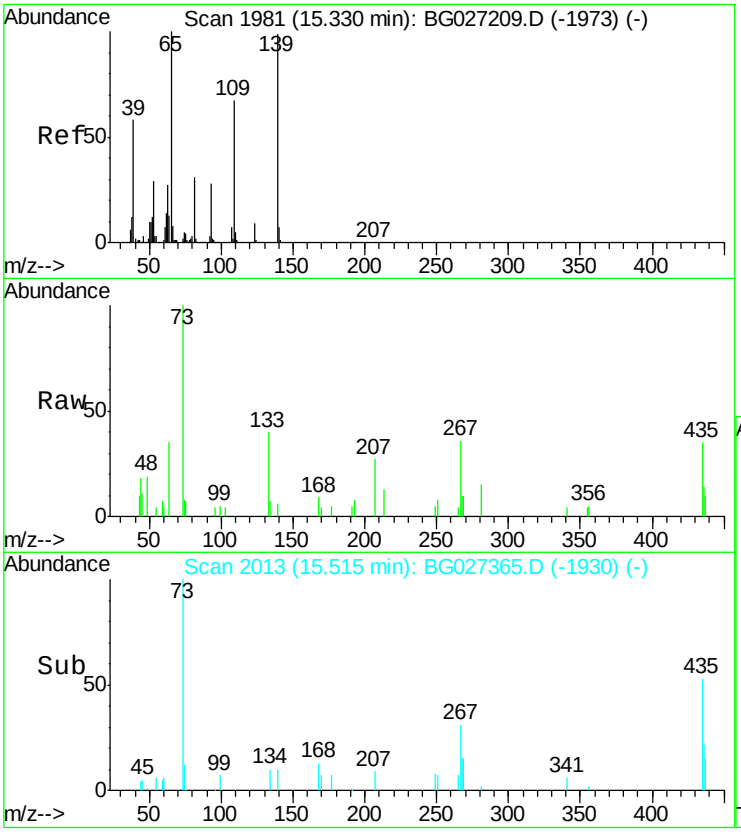


#50
2,6-Dinitrotoluene
Concen: 5.72 ng
RT: 14.49 min Scan# 1839
Delta R.T. -0.23 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Tgt Ion:165 Resp: 55

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.9	95.9#
89	126.3	58.6	88.0#



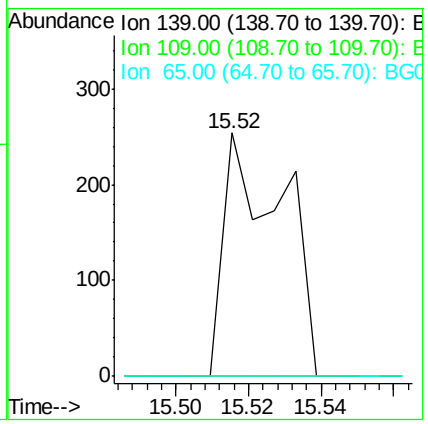


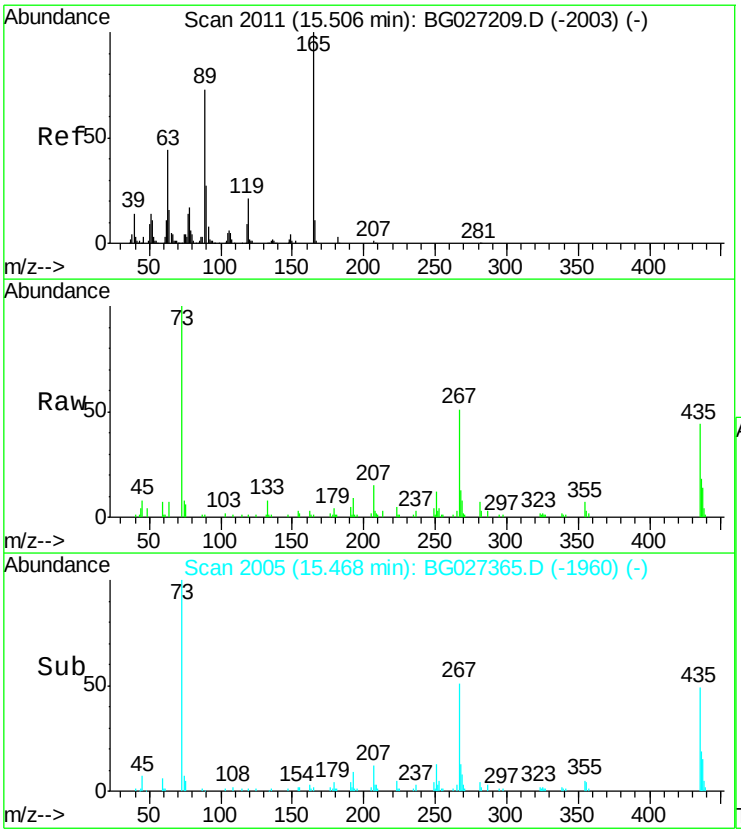
#55
4-Nitrophenol
Concen: 6.74 ng
RT: 15.52 min Scan# 2013
Delta R.T. 0.19 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 284

Ion	Ratio	Lower	Upper
139	100		
109	0.0	101.2	141.2#
65	0.0	135.3	175.3#

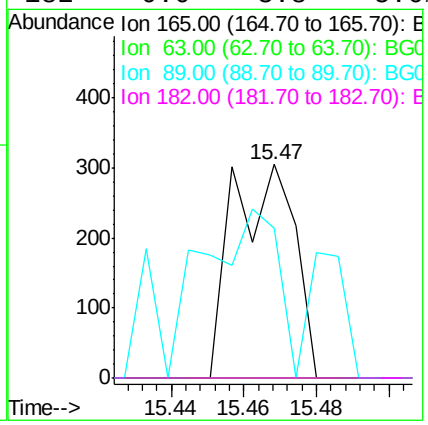


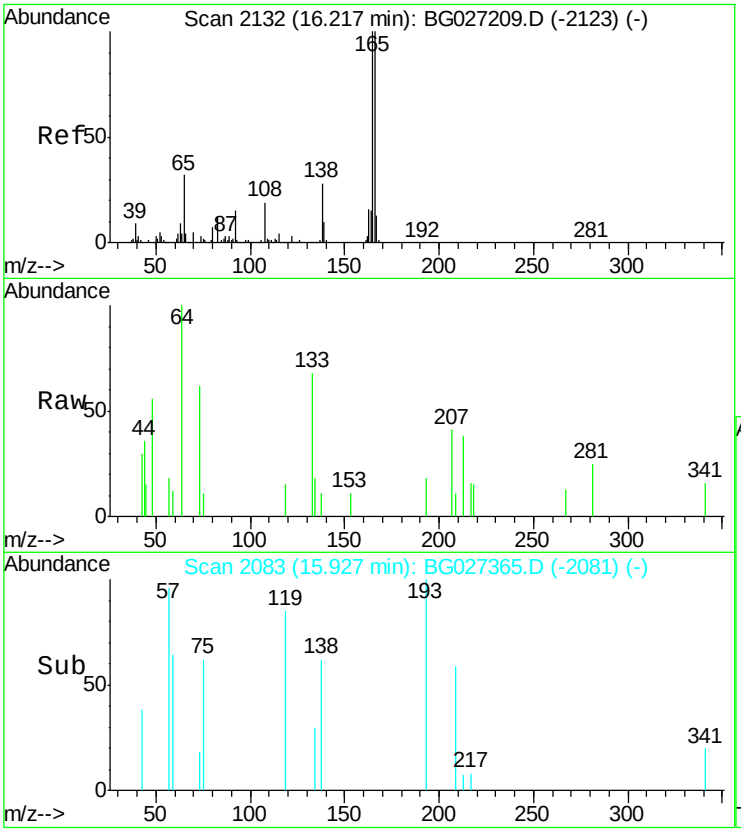


#56
2,4-Dinitrotoluene
Concen: 7.50 ng
RT: 15.47 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Tgt Ion:165 Resp: 359

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.0	66.0#
89	70.2	67.3	100.9
182	0.0	3.8	5.6#



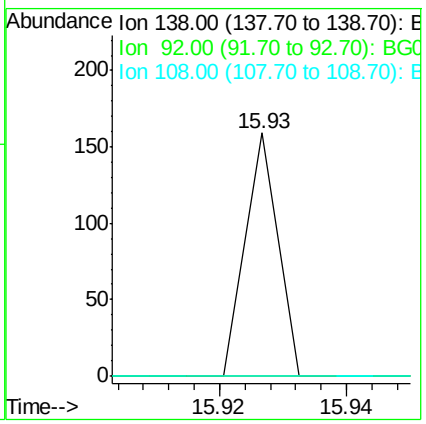


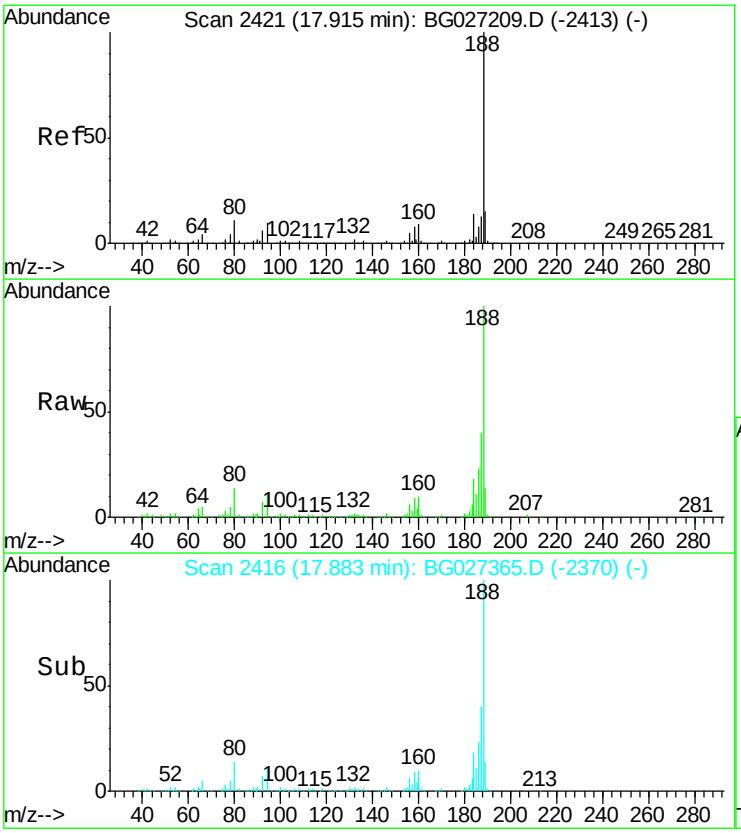
#61
4-Nitroaniline
Concen: 6.00 ng
RT: 15.93 min Scan# 2083
Delta R.T. -0.29 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 56

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

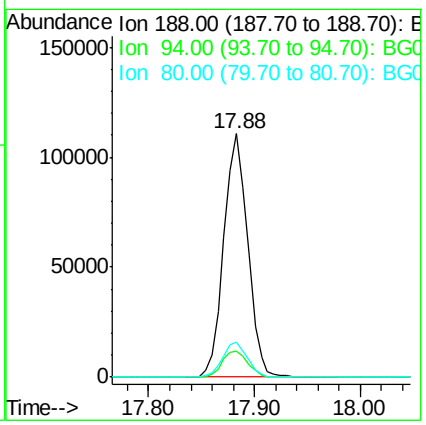


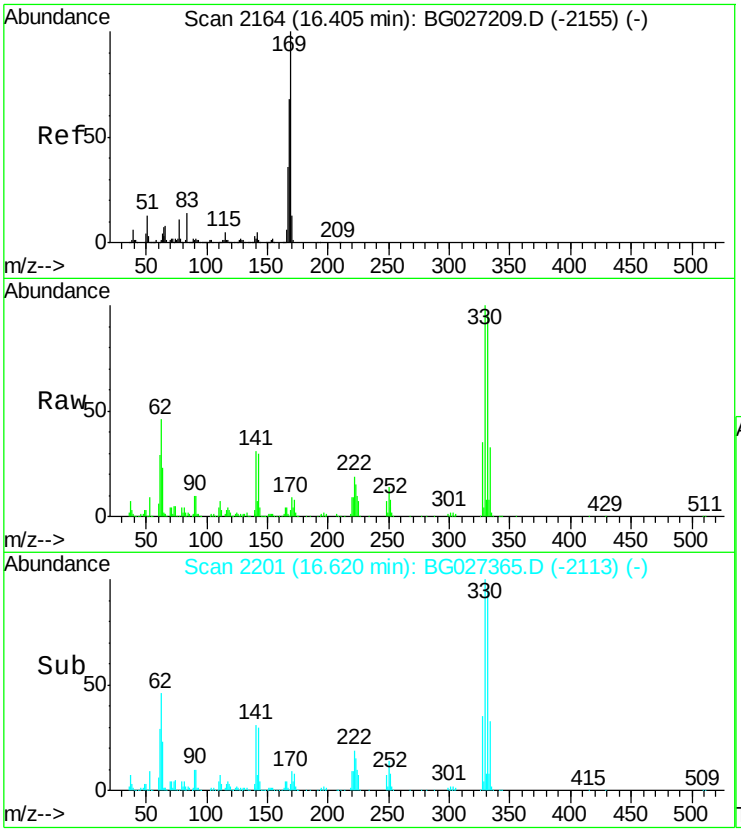


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Tgt Ion:188 Resp: 174129

Ion	Ratio	Lower	Upper
188	100		
94	10.9	5.8	8.8#
80	14.3	7.5	11.3#



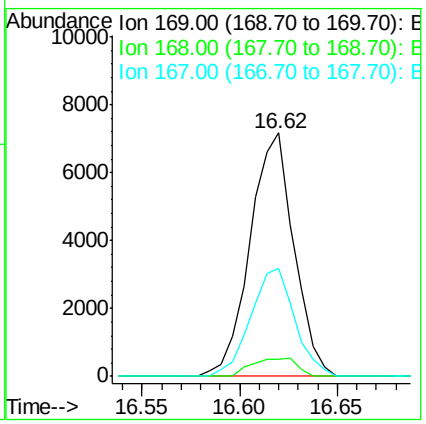


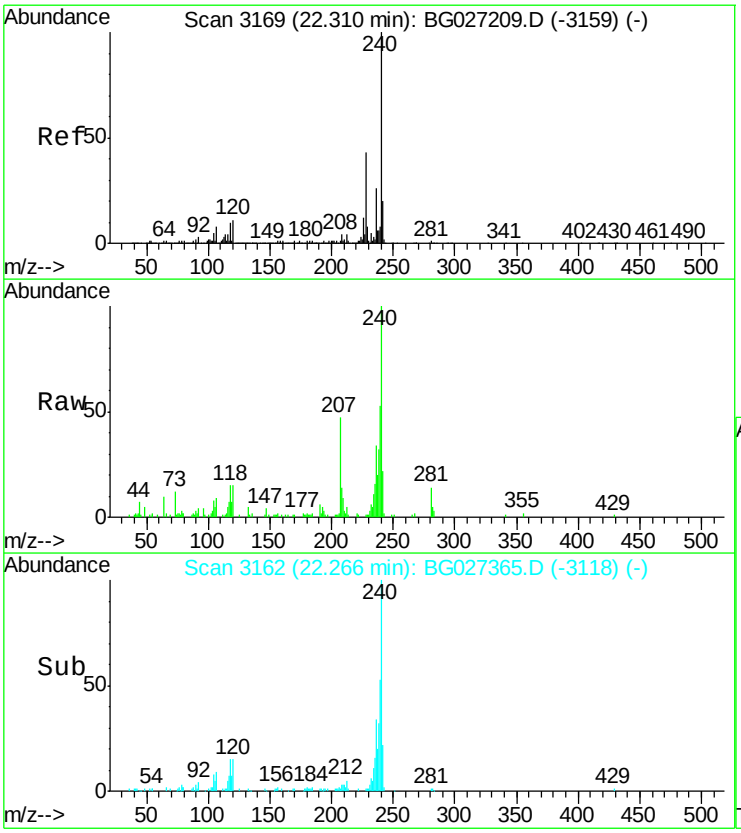
#65
n-Nitrosodiphenylamine
Concen: 2.04 ng
RT: 16.62 min Scan# 2201
Delta R.T. 0.21 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 11131

Ion	Ratio	Lower	Upper
169	100		
168	6.9	55.7	83.5#
167	44.2	29.8	44.6

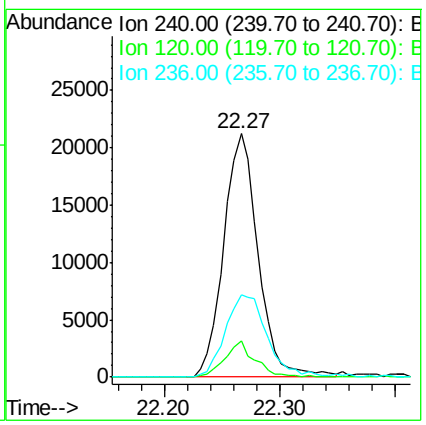


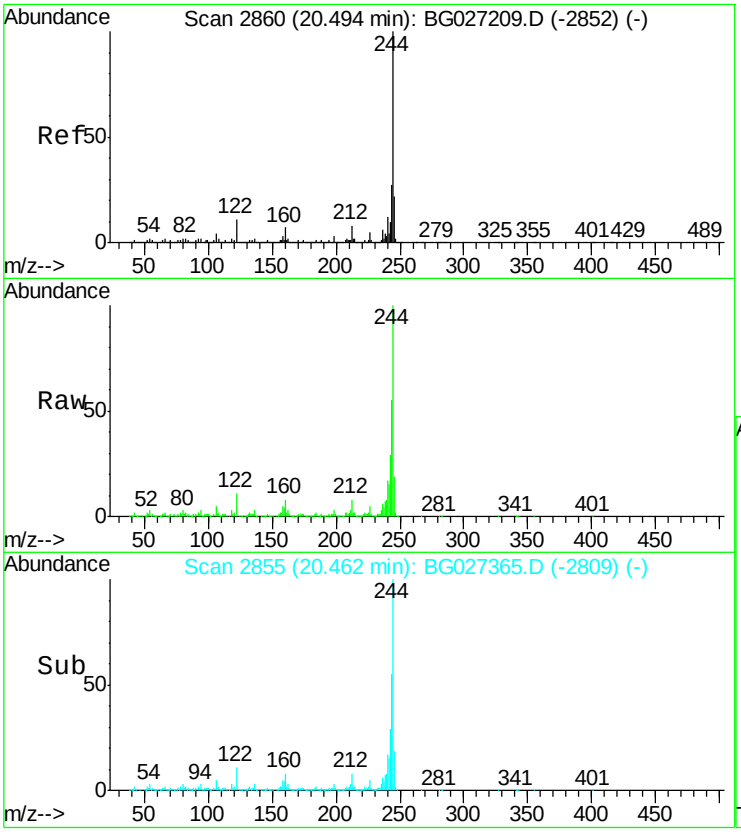


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.04 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Tgt Ion:240 Resp: 43875

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.7	8.5#
236	34.0	22.2	33.4#



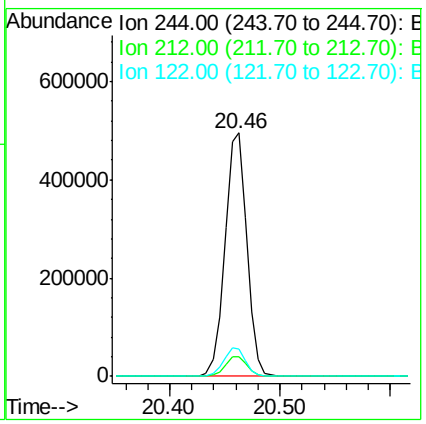


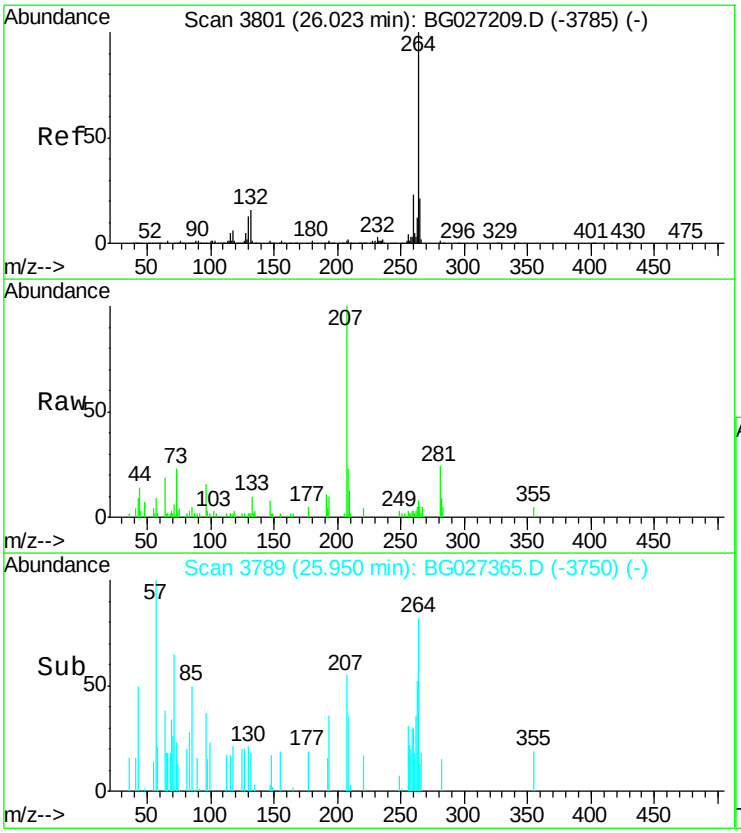
#78
Terphenyl-d14
Concen: 399.76 ng
RT: 20.46 min Scan# 2855
Delta R.T. -0.03 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 687559

Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	11.1	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: BG027365.D
Acq: 10 Jun 2017 2:41

Tgt Ion:264 Resp: 2211

Ion	Ratio	Lower	Upper
264	100		
260	36.5	21.8	32.8#
265	58.6	18.2	27.4#