Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027227.D
Acq On : 6 Jun 2017 00:29
Operator : SJ/MA
Sample : I3407-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 06 04:06:26 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	8.57	152	54348	20.00	ng		0.00
21) Naphthalene-d8	11.39	136	255189	20.00	ng		0.00
38) Acenaphthene-d10	15.15	164	169402	20.00	ng		0.00
63) Phenanthrene-d10	17.90	188	381528	20.00	ng		-0.01
75) Chrysene-d12	22.29	240	422402	20.00	ng		-0.02
86) Perylene-d12	26.00	264	403491	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	228634	64.20	ng		0.00
7) Phenol-d6	7.70	99	199242	38.11	ng		0.00
23) Nitrobenzene-d5	9.74	82	451651	111.31	ng		0.00
41) 2,4,6-Tribromophenol	16.63	330	375423	168.30	ng		-0.01
44) 2-Fluorobiphenyl	13.78	172	1178899	97.36	ng		0.00
78) Terphenyl-d14	20.48	244	1612170	97.36	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	7.71	77	73932	20.45	ng	#	1
15) Benzyl Alcohol	8.90	79	7733	2.10	ng	#	42
18) Hexachloroethane	9.68	117	45956	31.34	ng	#	6
22) Acetophenone	9.37	105	124111	19.02	ng	#	45
24) Nitrobenzene	9.76	77	9419	2.04	ng	#	8
26) 2-Nitrophenol	10.30	139	673	7.49	ng	#	70
31) Naphthalene	11.45	128	764553	54.82	ng		100
32) Benzoic acid	10.82	122	2733	8.83	ng		93
33) 4-Chloroaniline	11.45	127	108213	18.62	ng	#	26
37) 2-Methylnaphthalene	13.22	142	153240	15.06	ng		93
47) 2-Nitroaniline	14.19	65	1231	7.19	ng	#	42
49) Dimethylphthalate	14.59	163	169367	12.60	ng		96
50) 2,6-Dinitrotoluene	14.77	165	3293	6.68	ng	#	68
52) 3-Nitroaniline	15.02	138	220	5.78	ng	#	50
53) 2,4-Dinitrophenol	15.26	184	69	4.70	ng	#	1
55) 4-Nitrophenol	15.31	139	856	6.44	ng	#	22
56) 2,4-Dinitrotoluene	15.49	165	250	7.05	ng	#	44
61) 4-Nitroaniline	16.20	138	201	5.96	ng	#	43
64) 4,6-Dinitro-2-methylphenol	16.10	198	57	5.05	ng	#	1

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

Quantitation Report (Not Reviewed)

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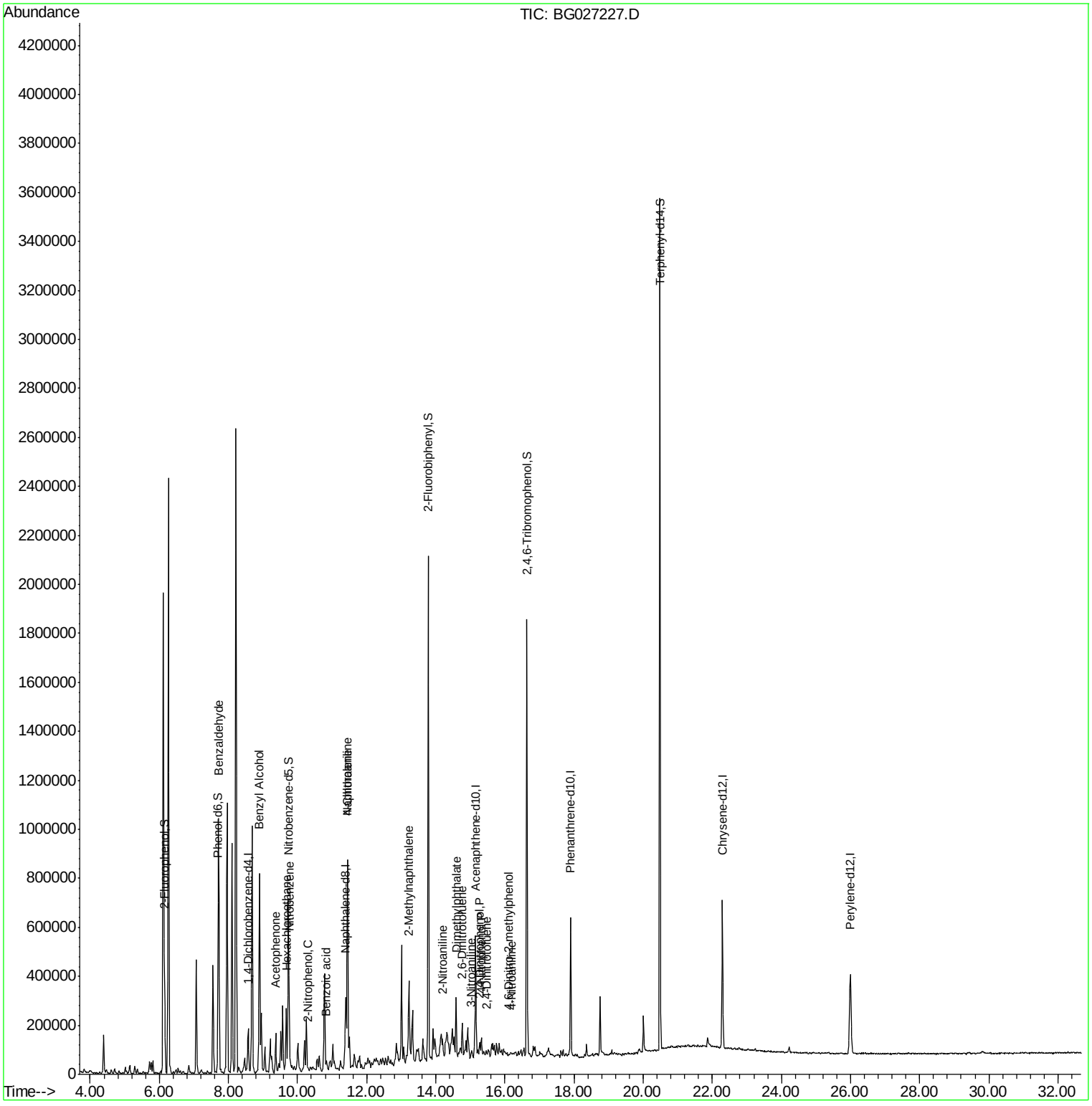
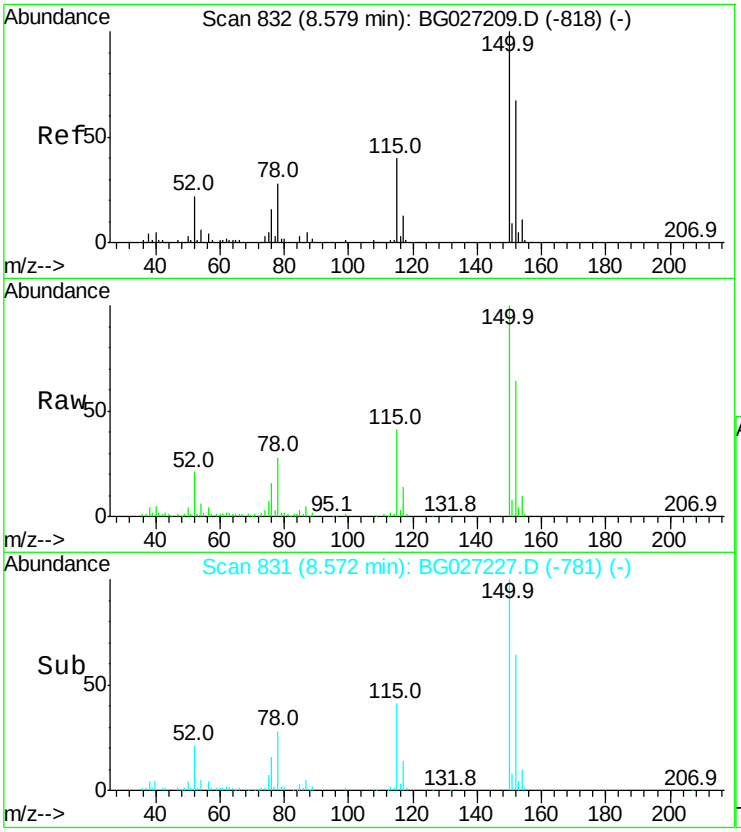


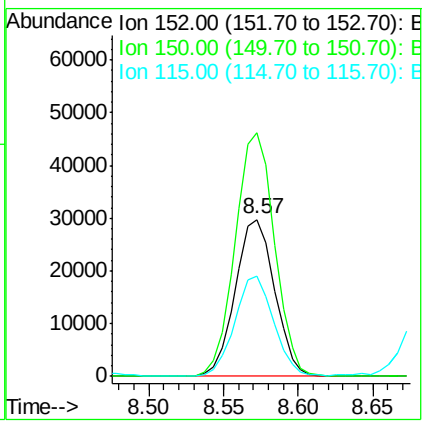


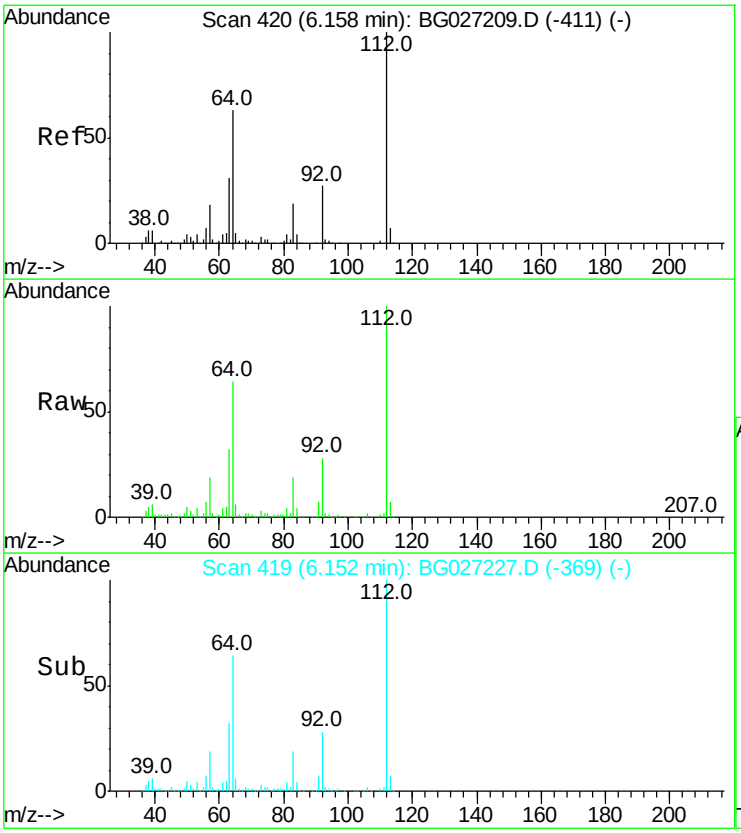
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.57 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 54348

Ion	Ratio	Lower	Upper
152	100		
150	155.4	114.0	171.0
115	63.8	48.1	72.1

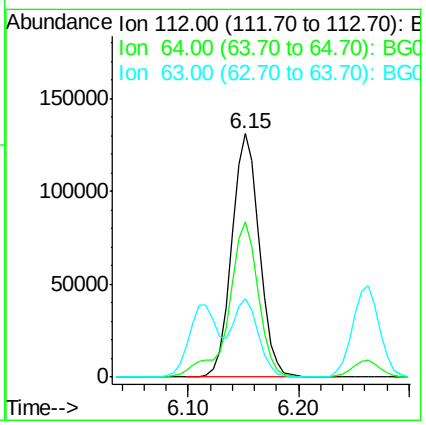


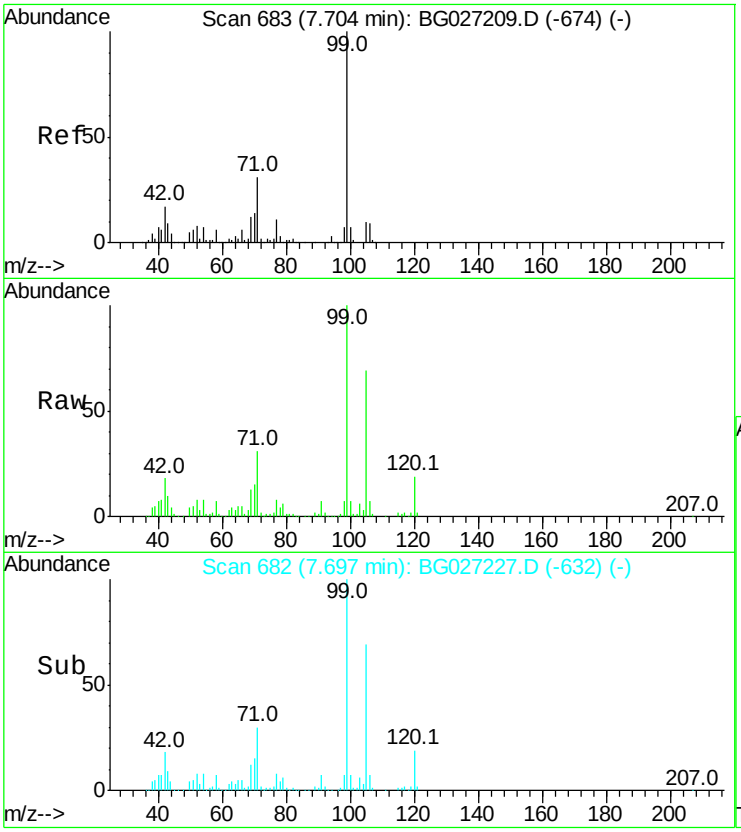


#5
2-Fluorophenol
Concen: 64.20 ng
RT: 6.15 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion:112 Resp: 228634

Ion	Ratio	Lower	Upper
112	100		
64	63.6	61.8	92.6
63	32.4	37.2	55.8#



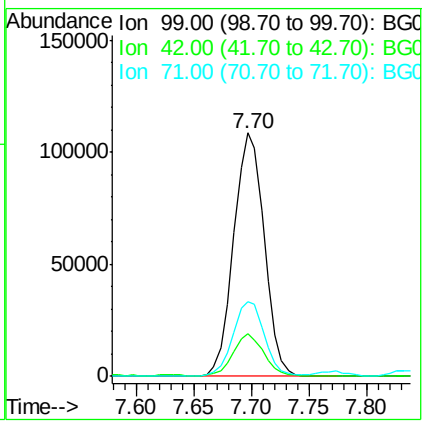


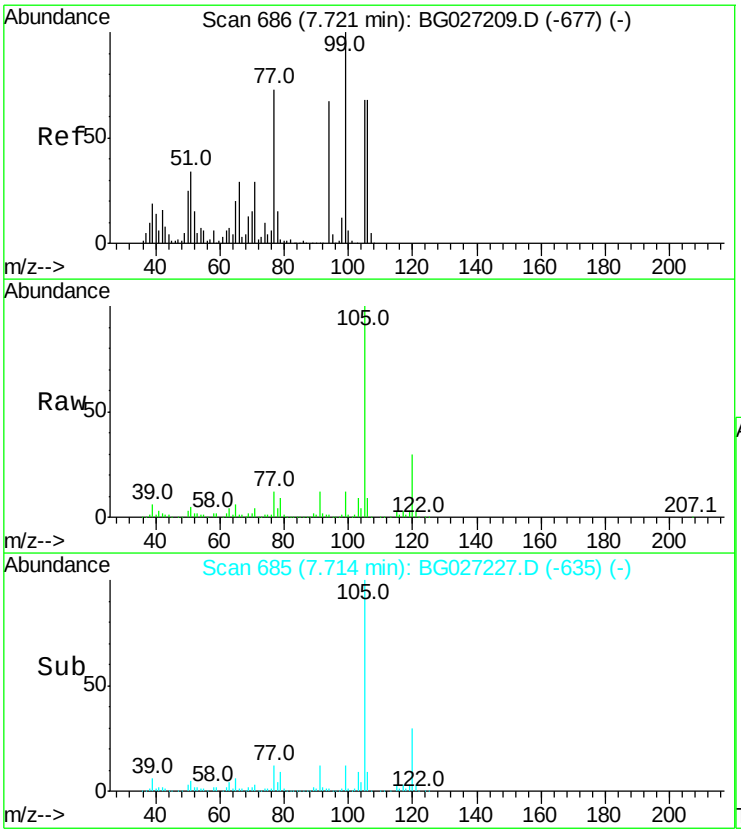
#7
Phenol-d6
Concen: 38.11 ng
RT: 7.70 min Scan# 682
Delta R.T. -0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 199242

Ion	Ratio	Lower	Upper
99	100		
42	17.7	20.5	30.7#
71	30.7	37.6	56.4#

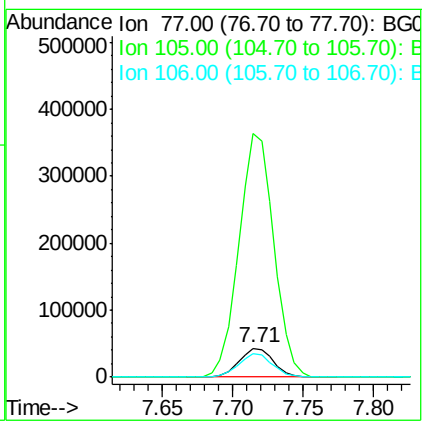


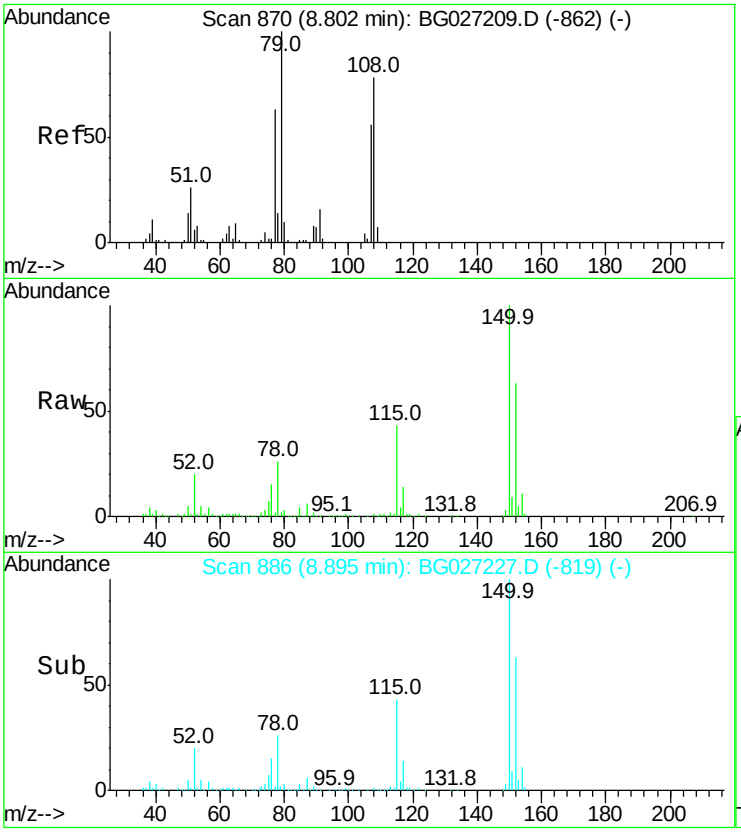


#9
Benzaldehyde
Concen: 20.45 ng
RT: 7.71 min Scan# 685
Delta R.T. -0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion: 77 Resp: 73932

Ion	Ratio	Lower	Upper
77	100		
105	834.0	60.9	100.9#
106	78.4	55.1	95.1



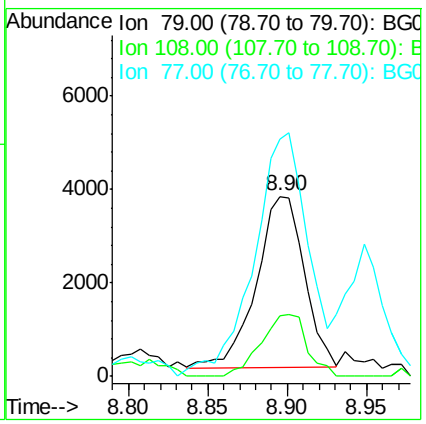


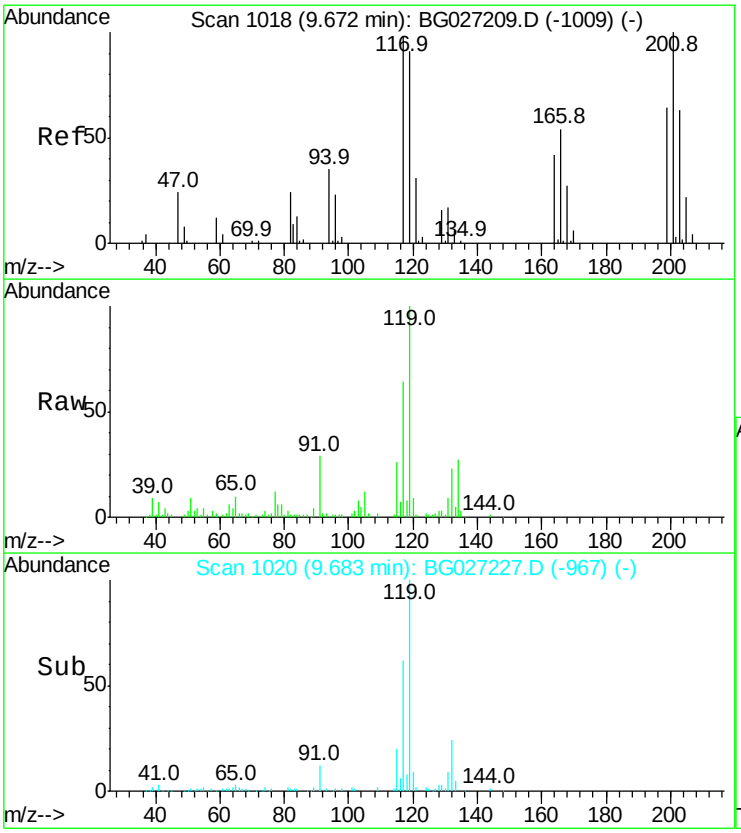
#15
Benzyl Alcohol
Concen: 2.10 ng
RT: 8.90 min Scan# 886
Delta R.T. 0.09 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 7733

Ion	Ratio	Lower	Upper
79	100		
108	33.8	45.5	68.3#
77	132.3	54.3	81.5#

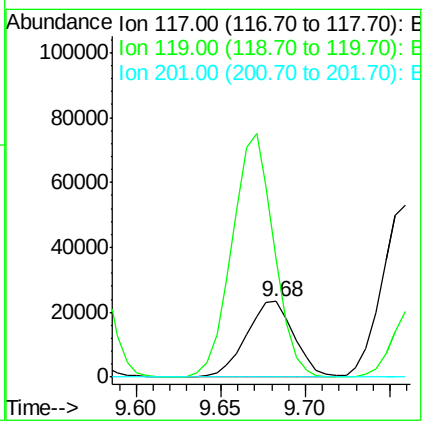


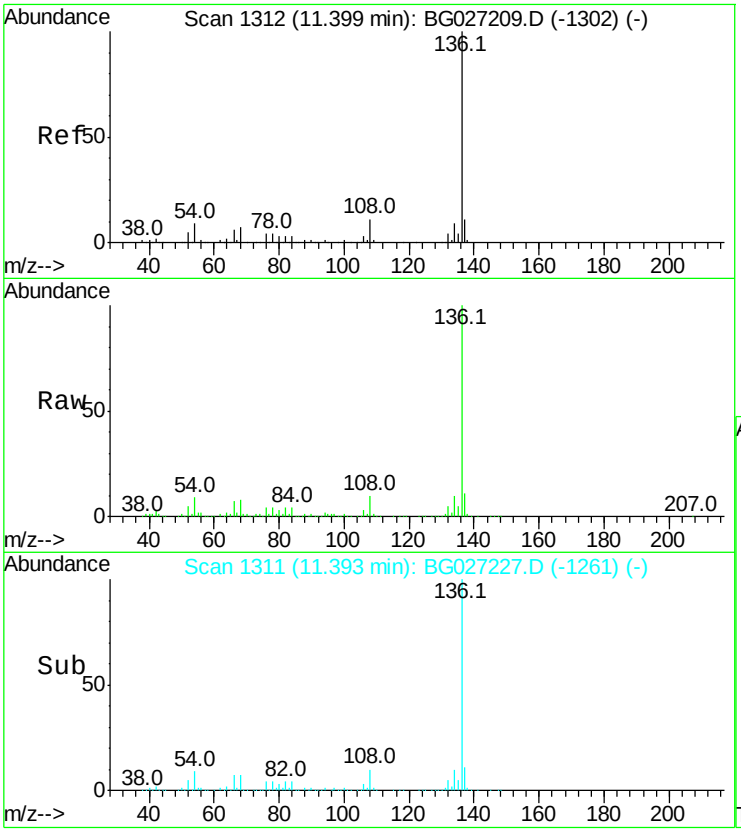


#18
Hexachloroethane
Concen: 31.34 ng
RT: 9.68 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion:117 Resp: 45956

Ion	Ratio	Lower	Upper
117	100		
119	157.2	69.8	104.6#
201	0.0	95.4	143.0#



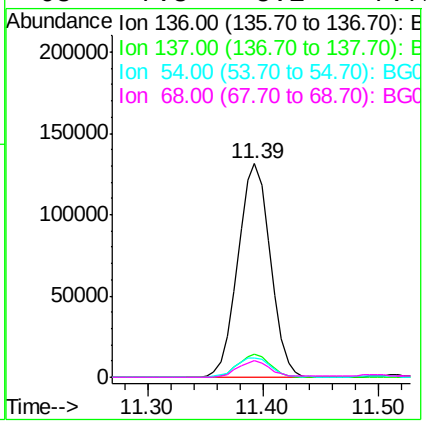


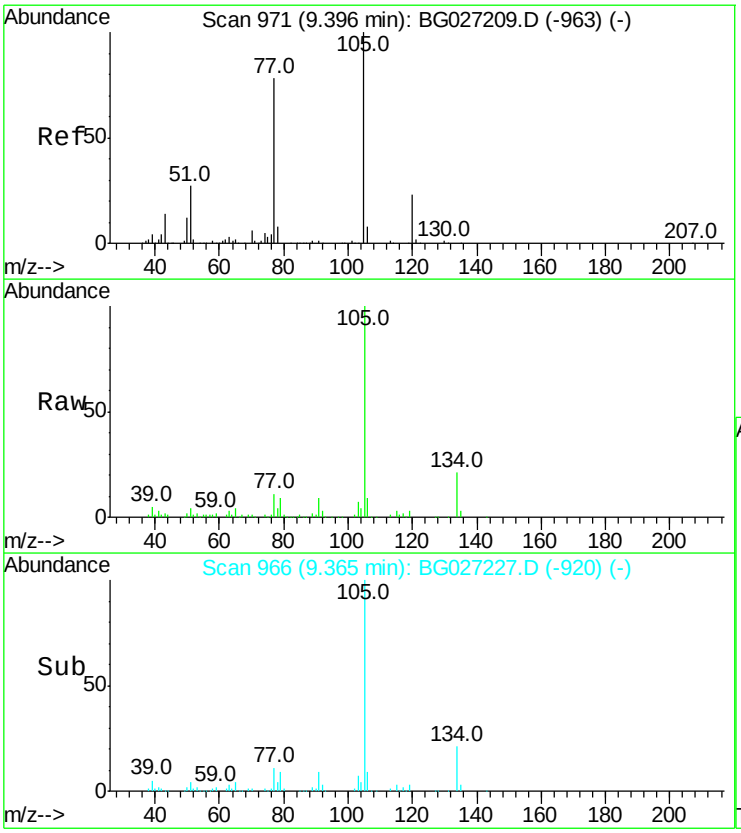
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 255189

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.1	9.3	13.9#
68	7.8	5.1	7.7#

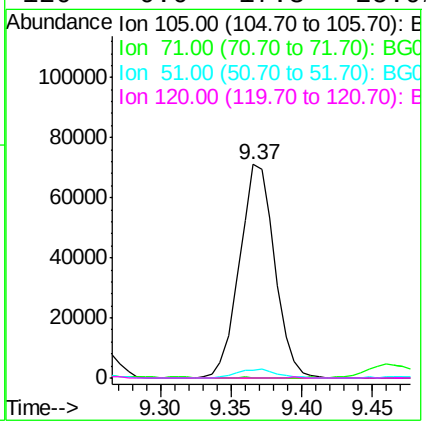


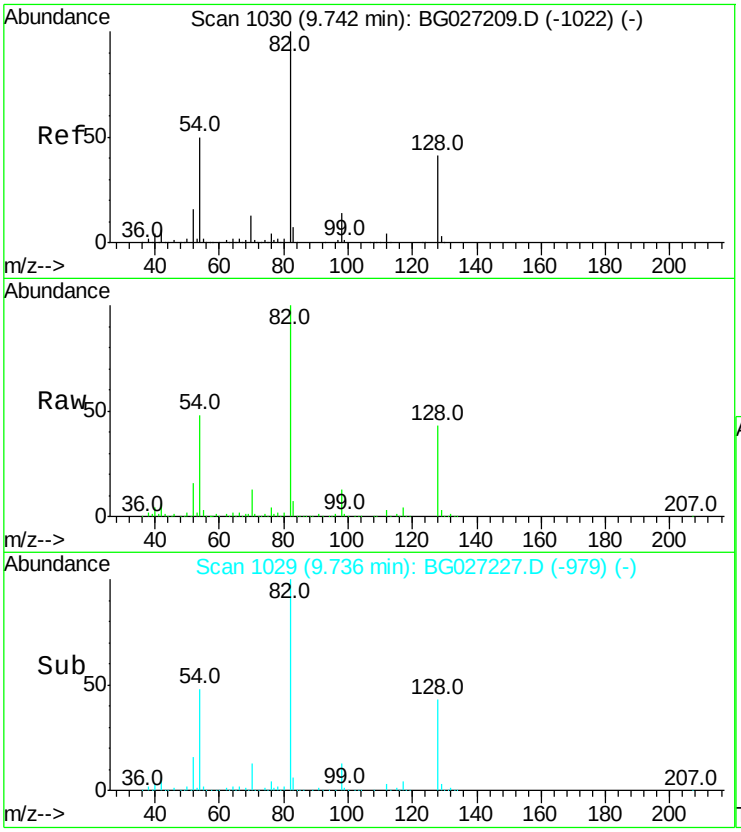


#22
Acetophenone
Concen: 19.02 ng
RT: 9.37 min Scan# 966
Delta R.T. -0.03 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion:105 Resp: 124111

Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.9	1.3#
51	3.6	34.0	51.0#
120	0.0	17.3	25.9#



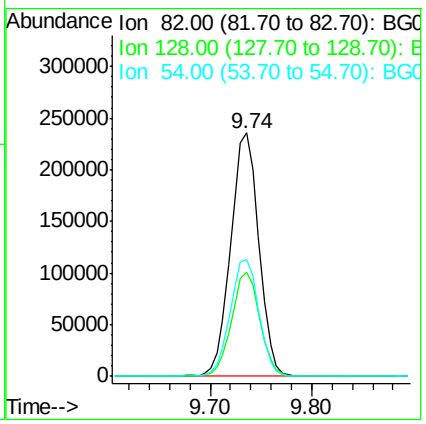


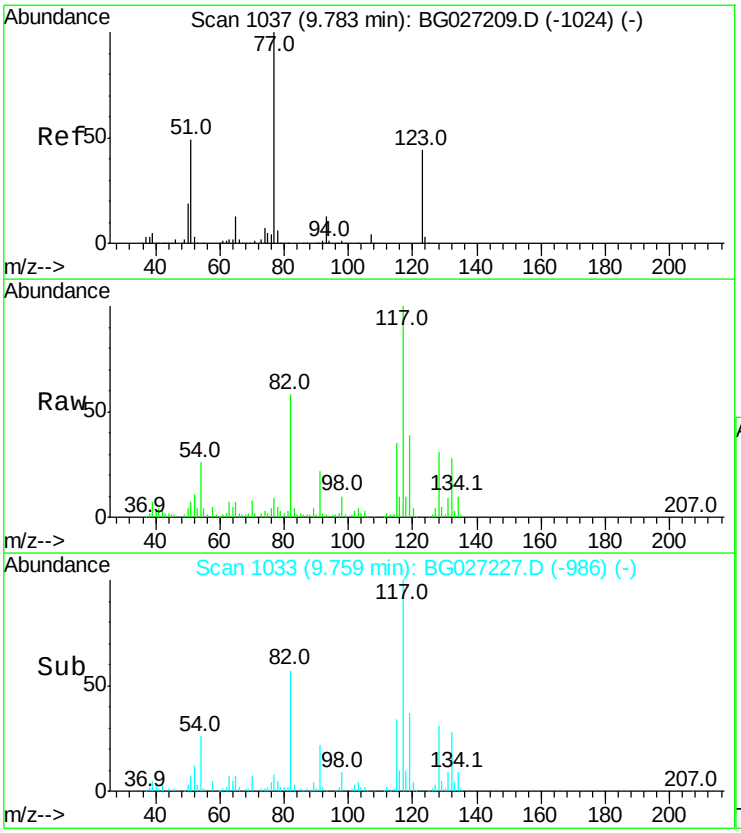
#23
Nitrobenzene-d5
Concen: 111.31 ng
RT: 9.74 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 451651

Ion	Ratio	Lower	Upper
82	100		
128	43.0	26.4	39.6#
54	48.1	49.4	74.2#

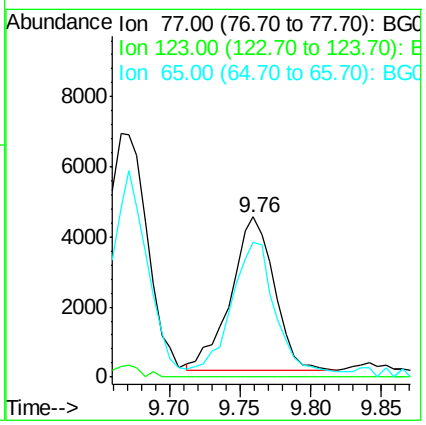


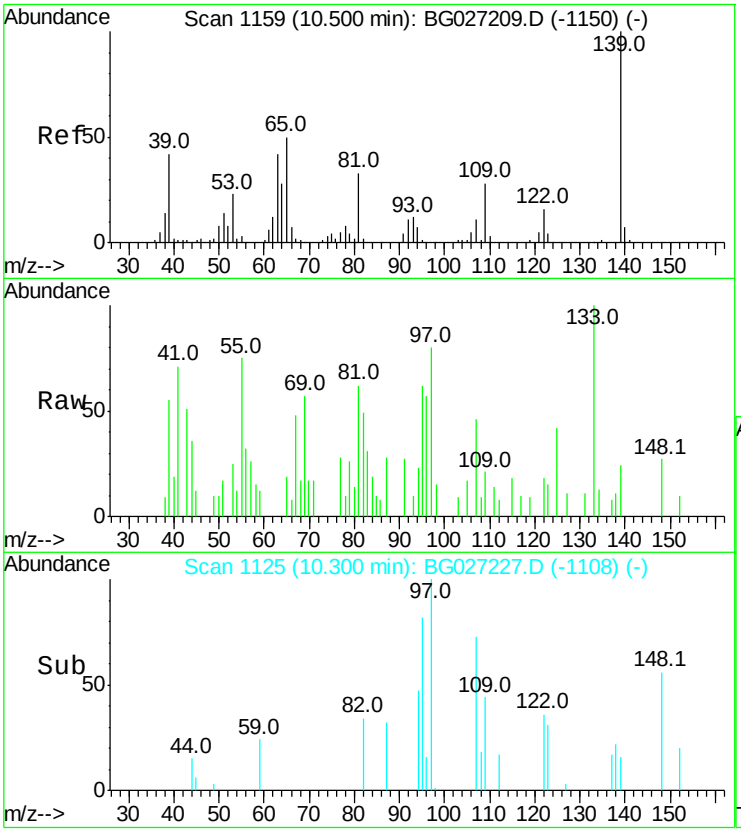


#24
Nitrobenzene
Concen: 2.04 ng
RT: 9.76 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion: 77 Resp: 9419

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	84.6	12.4	18.6#



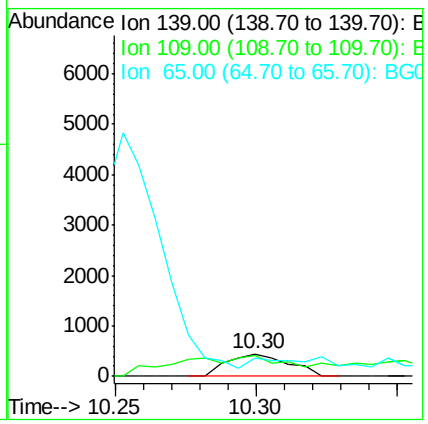


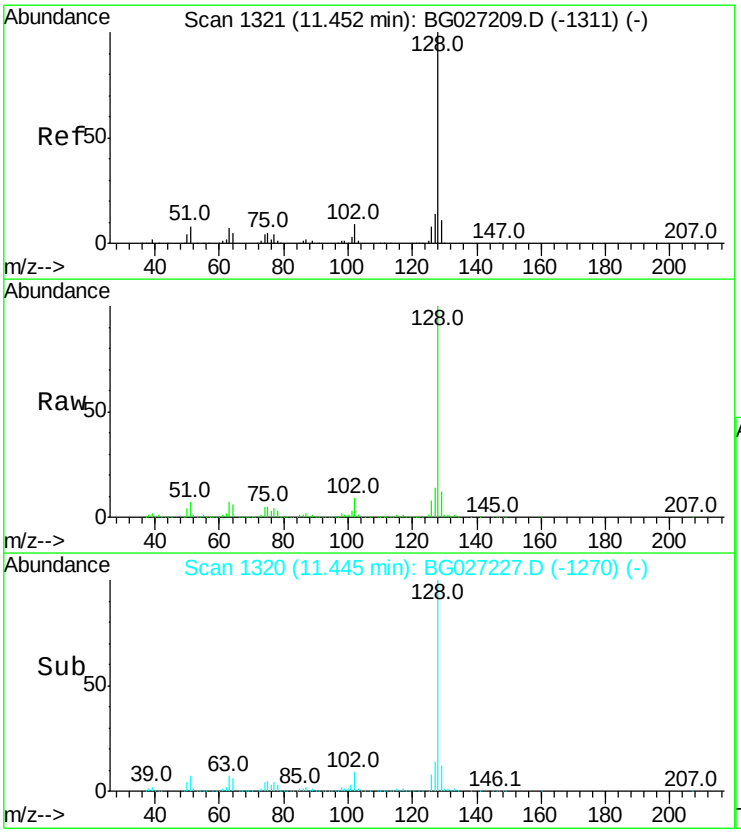
#26
2-Nitrophenol
Concen: 7.49 ng
RT: 10.30 min Scan# 1125
Delta R.T. -0.20 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 673

Ion	Ratio	Lower	Upper
139	100		
109	89.8	38.6	58.0#
65	78.6	57.1	85.7

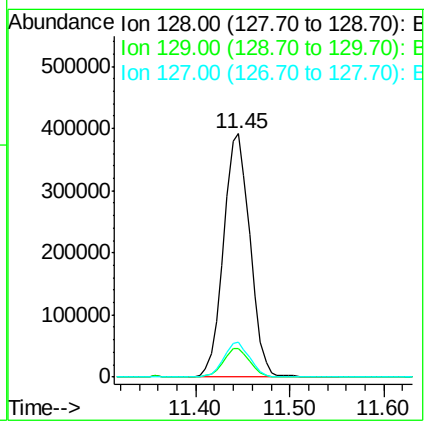


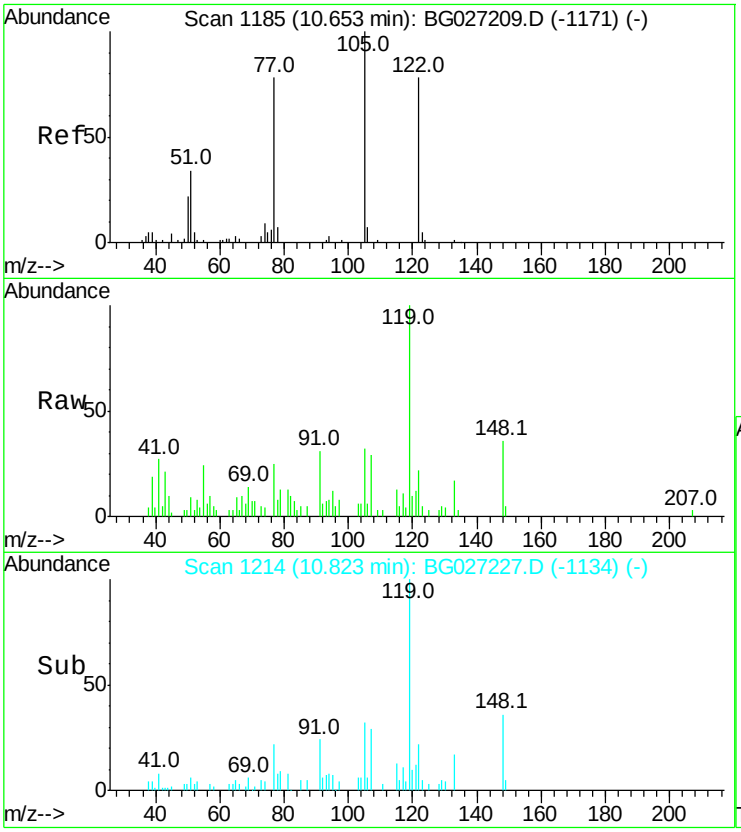


#31
Naphthalene
Concen: 54.82 ng
RT: 11.45 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion:128 Resp: 764553

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	14.1	11.4	17.0



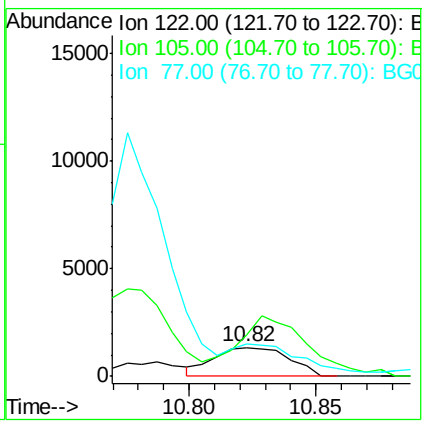


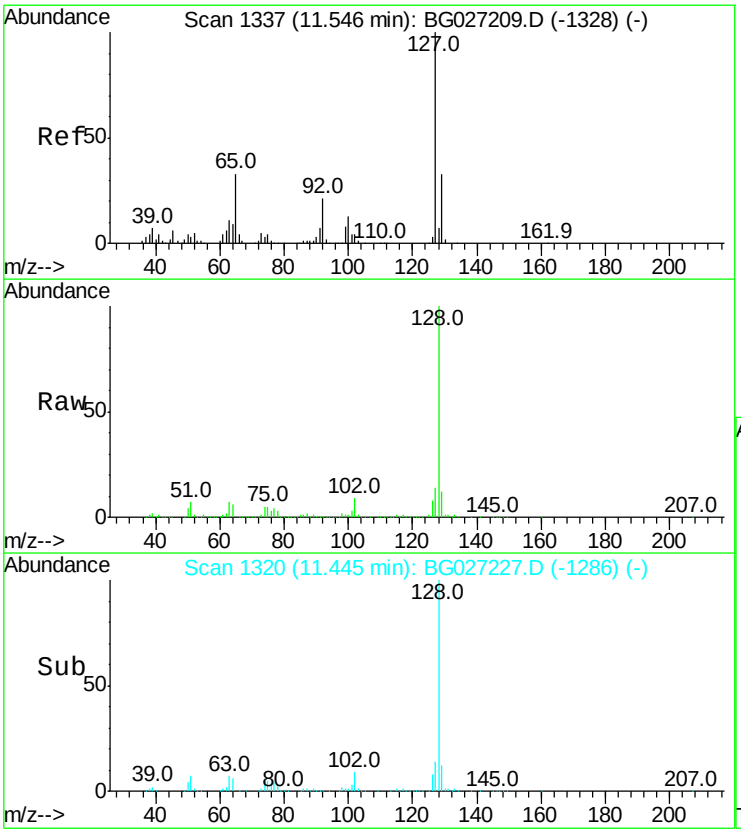
#32
Benzoic acid
Concen: 8.83 ng
RT: 10.82 min Scan# 1214
Delta R.T. 0.17 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 2733

Ion	Ratio	Lower	Upper
122	100		
105	144.5	120.1	160.1
77	112.5	104.6	144.6

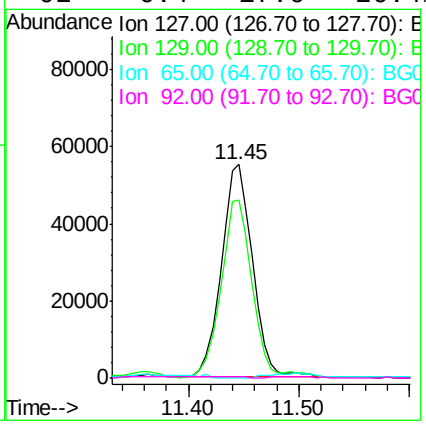


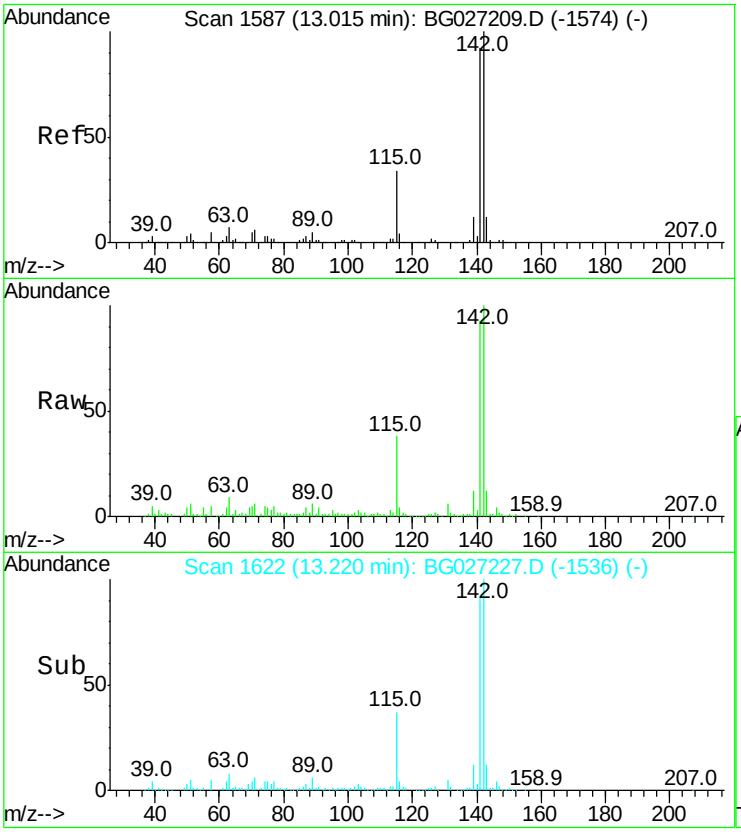


#33
4-Chloroaniline
Concen: 18.62 ng
RT: 11.45 min Scan# 1320
Delta R.T. -0.10 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion:127 Resp: 108213

Ion	Ratio	Lower	Upper
127	100		
129	83.1	23.6	35.4#
65	0.0	37.7	56.5#
92	0.4	17.6	26.4#



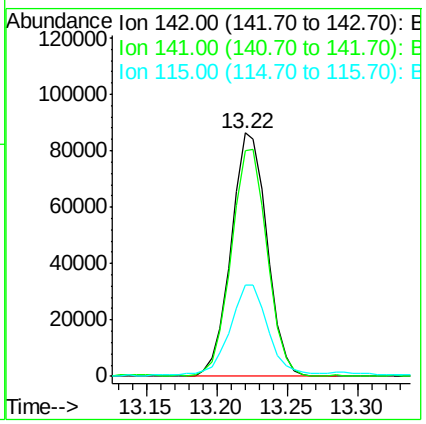


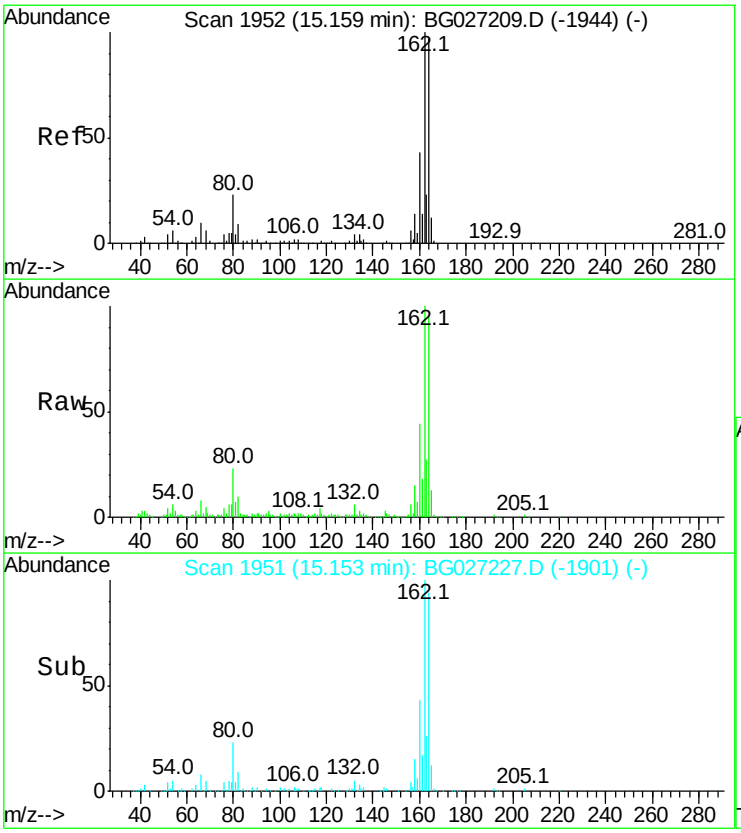
#37
2-Methylnaphthalene
Concen: 15.06 ng
RT: 13.22 min Scan# 1622
Delta R.T. 0.20 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 153240

Ion	Ratio	Lower	Upper
142	100		
141	92.9	70.4	105.6
115	37.6	35.5	53.3

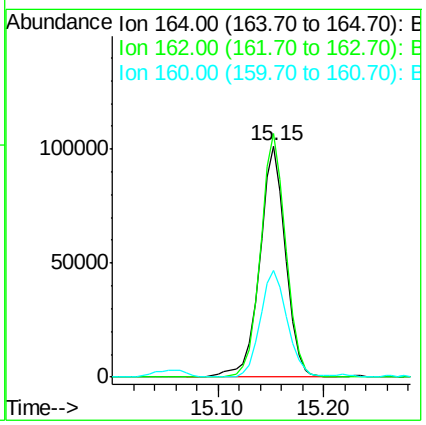


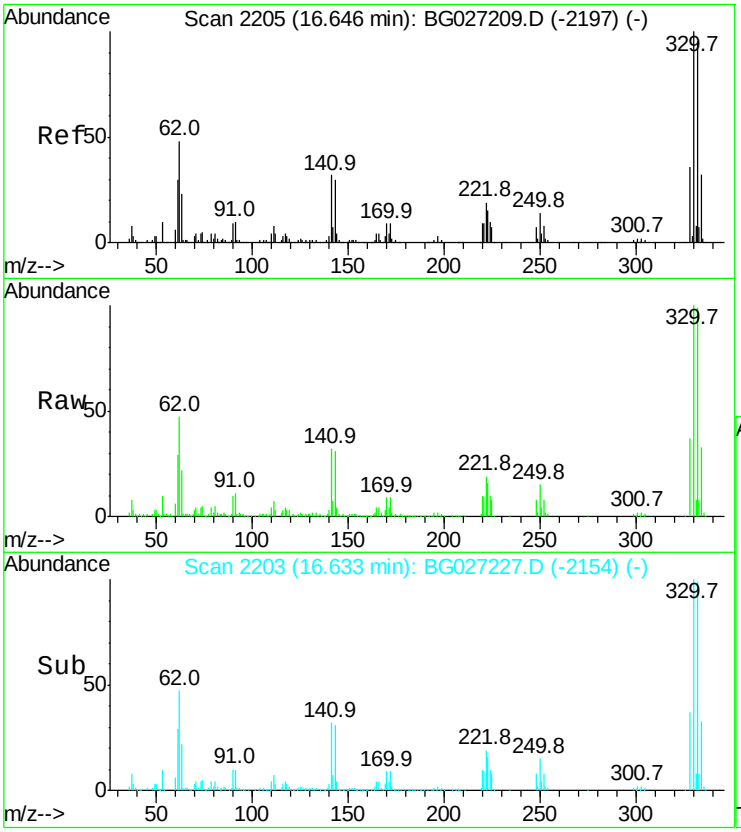


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.15 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion:164 Resp: 169402

Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.1	127.7
160	46.4	34.7	52.1



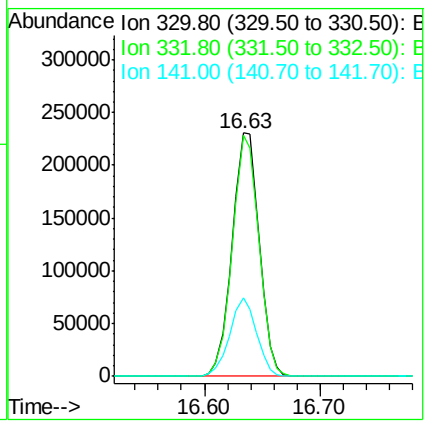


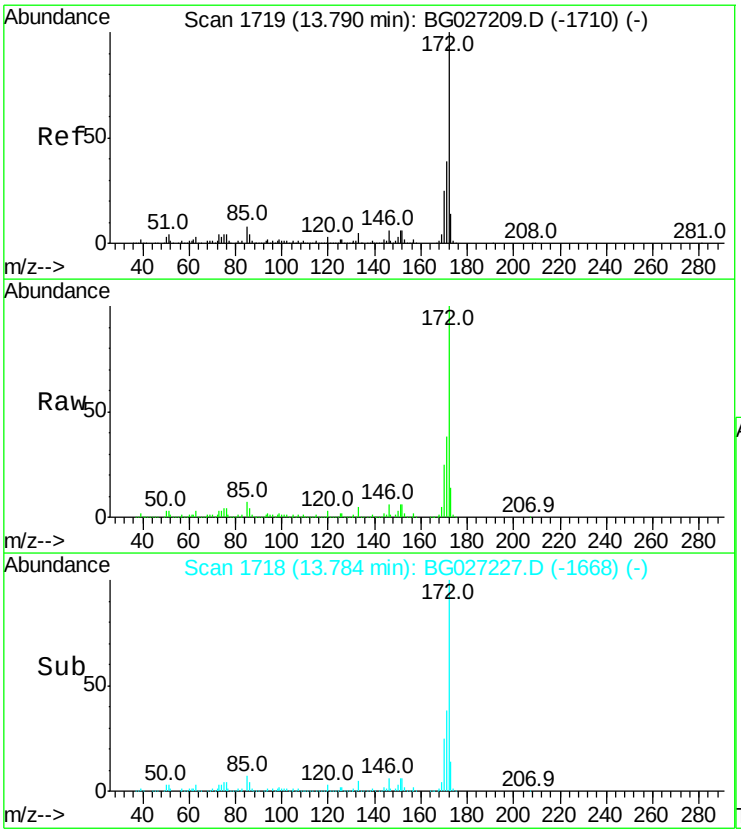
#41
2,4,6-Tribromophenol
Concen: 168.30 ng
RT: 16.63 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 375423

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	31.7	32.1	48.1#

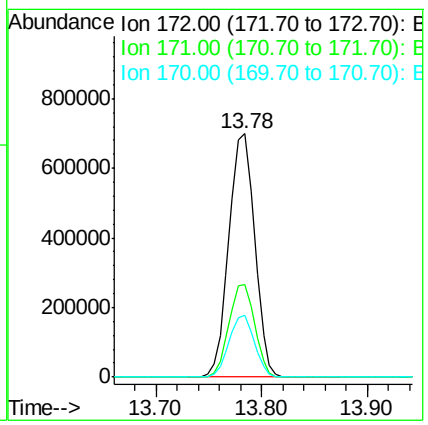


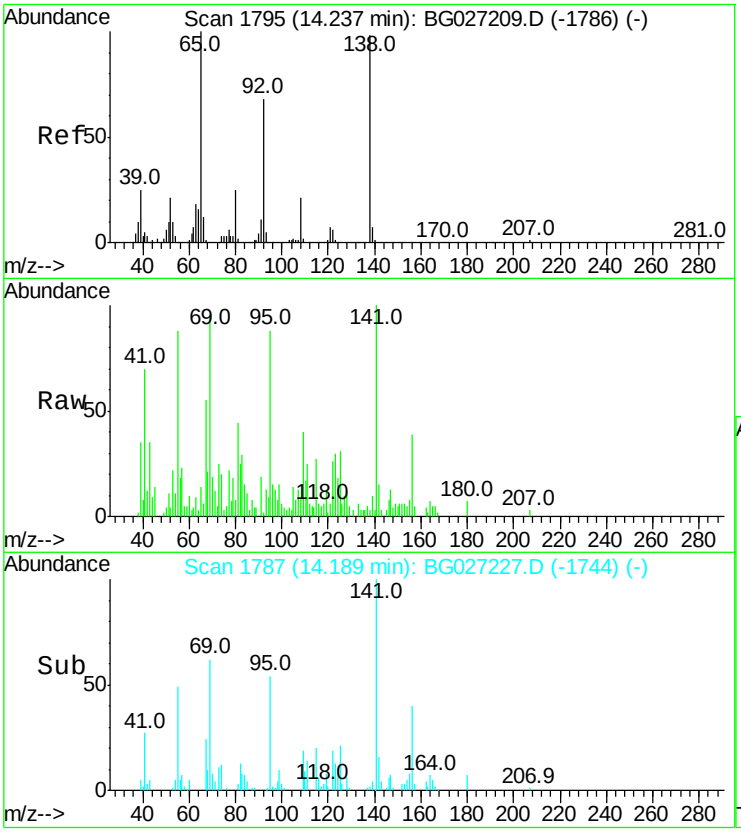


#44
2-Fluorobiphenyl
Concen: 97.36 ng
RT: 13.78 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion:172 Resp: 1178899

Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	25.2	21.8	32.6



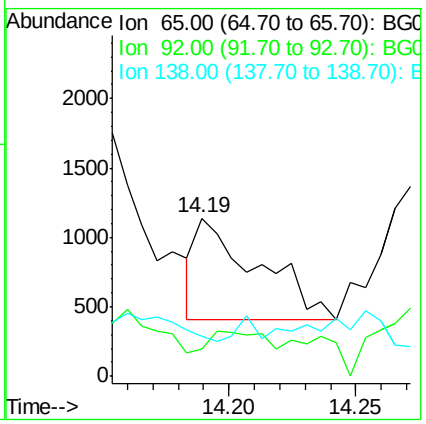


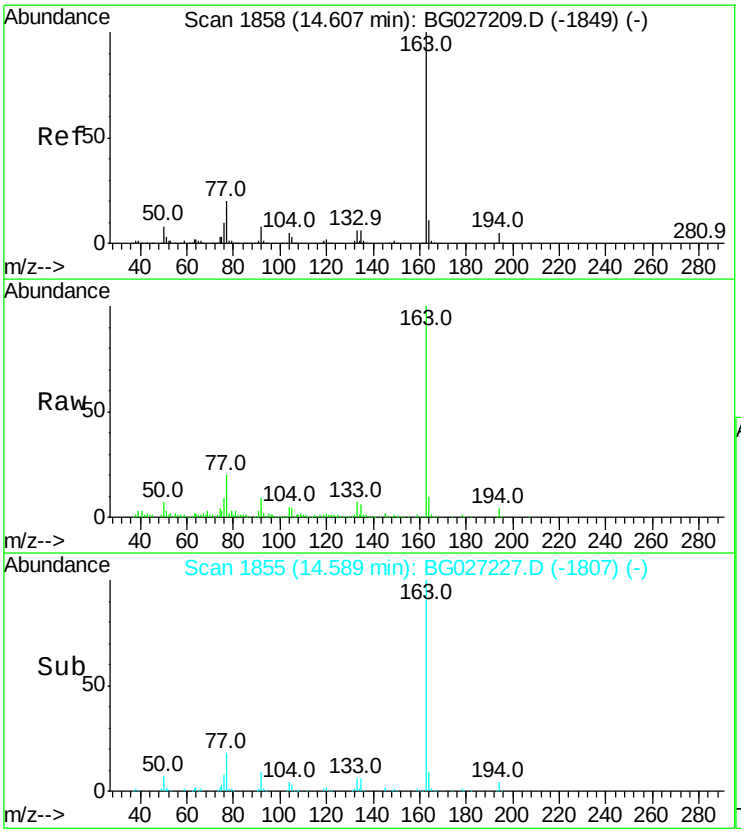
#47
2-Nitroaniline
Concen: 7.19 ng
RT: 14.19 min Scan# 1787
Delta R.T. -0.05 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1231

Ion	Ratio	Lower	Upper
65	100		
92	16.9	49.0	73.4#
138	24.9	58.6	87.8#

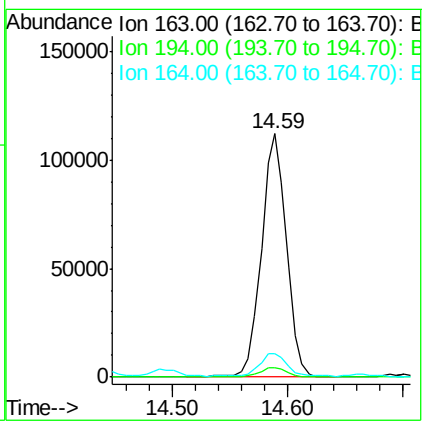


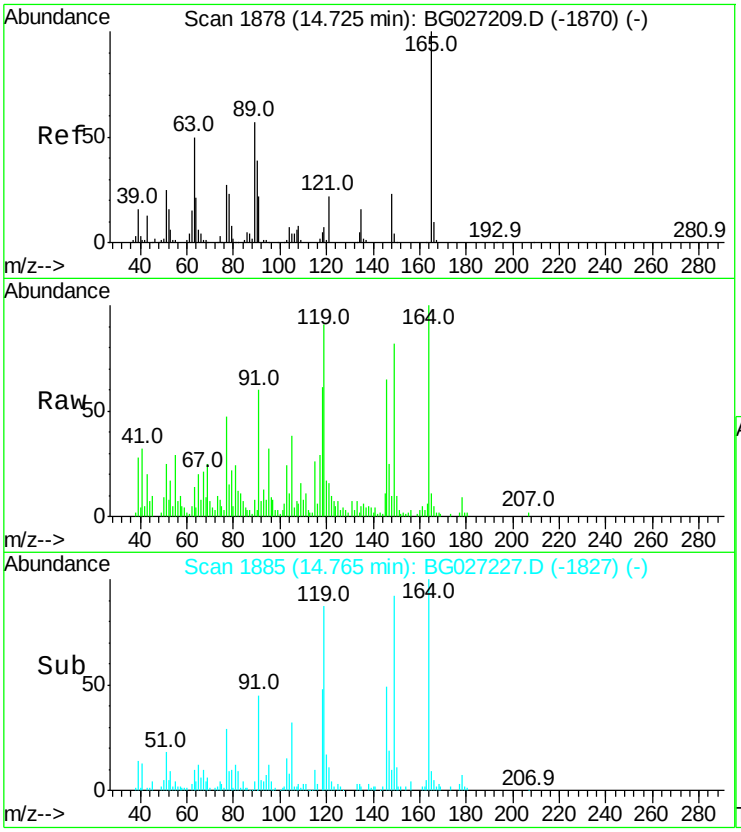


#49
Dimethylphthalate
Concen: 12.60 ng
RT: 14.59 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion:163 Resp: 169367

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.6
164	9.9	9.3	13.9



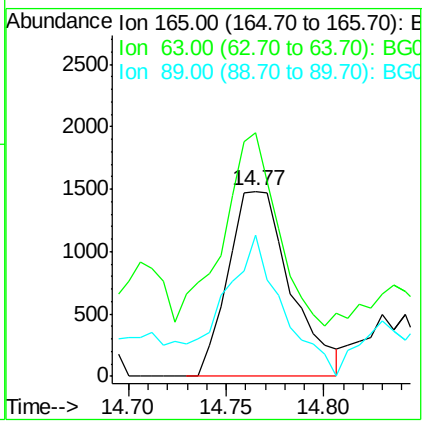


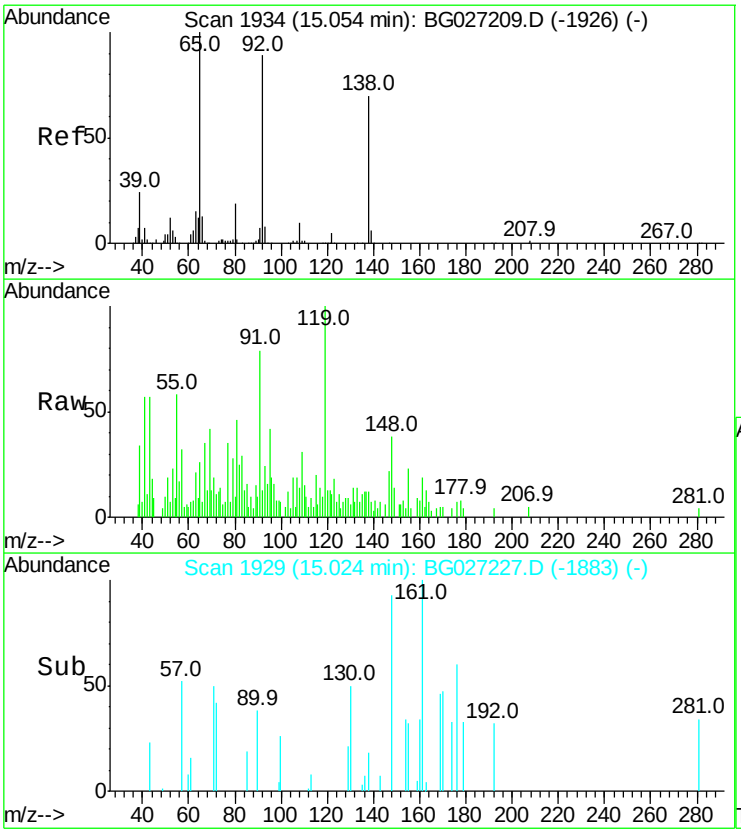
#50
2,6-Dinitrotoluene
Concen: 6.68 ng
RT: 14.77 min Scan# 1885
Delta R.T. 0.04 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 3293

Ion	Ratio	Lower	Upper
165	100		
63	131.4	63.9	95.9#
89	76.4	58.6	88.0

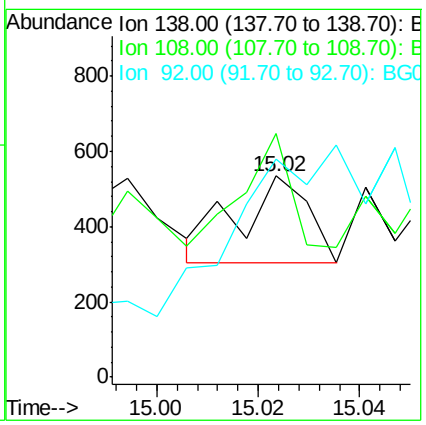


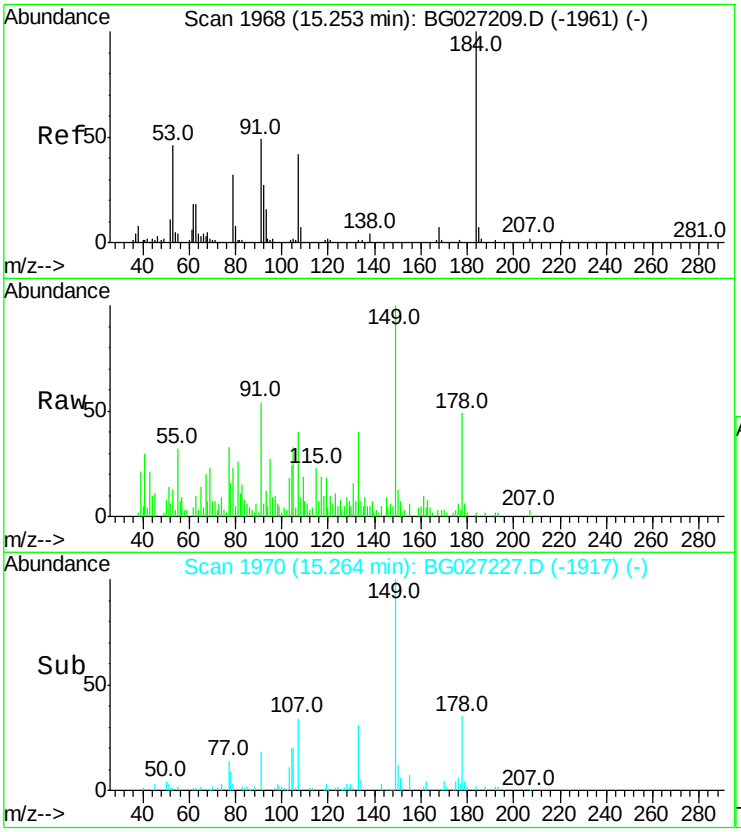


#52
3-Nitroaniline
Concen: 5.78 ng
RT: 15.02 min Scan# 1929
Delta R.T. -0.03 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion:138 Resp: 220

Ion	Ratio	Lower	Upper
138	100		
108	120.9	10.9	16.3#
92	108.0	115.3	172.9#



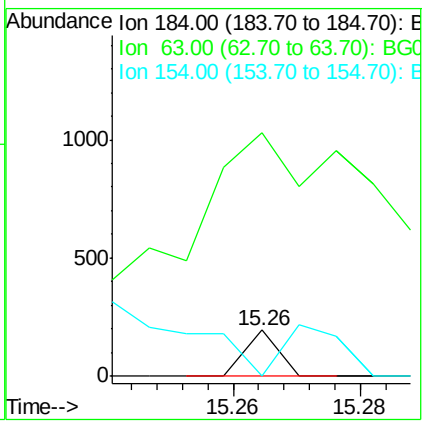


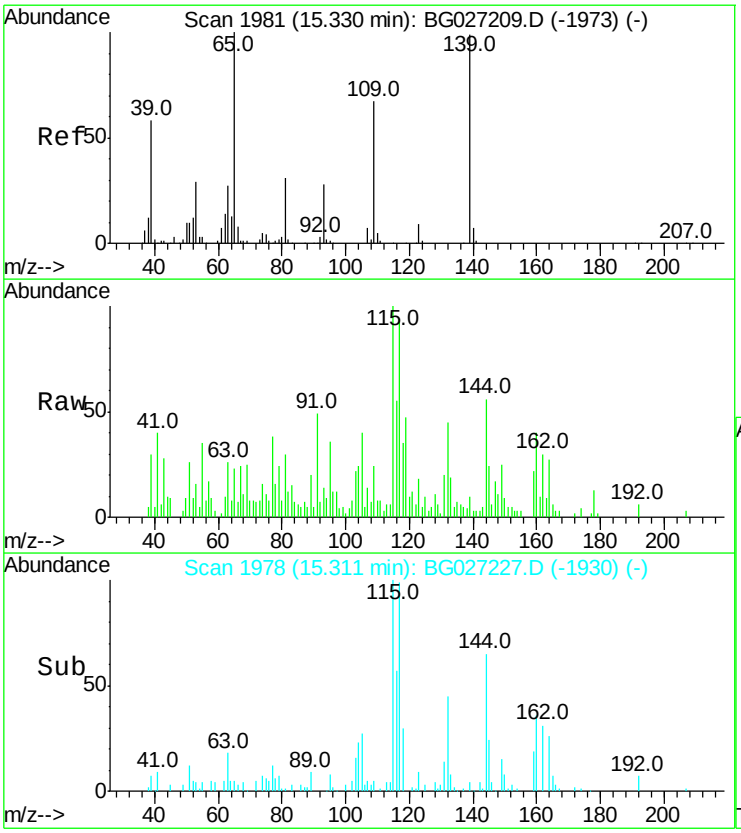
#53
2,4-Dinitrophenol
Concen: 4.70 ng
RT: 15.26 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 69

Ion	Ratio	Lower	Upper
184	100		
63	527.7	52.7	79.1#
154	0.0	57.3	85.9#

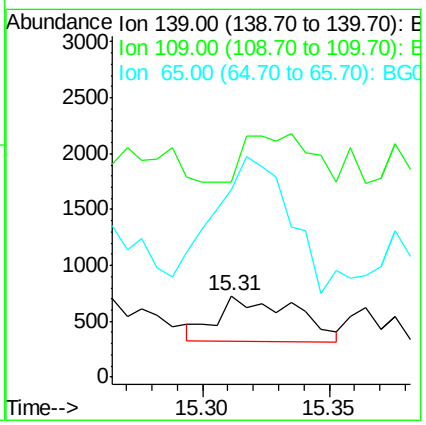


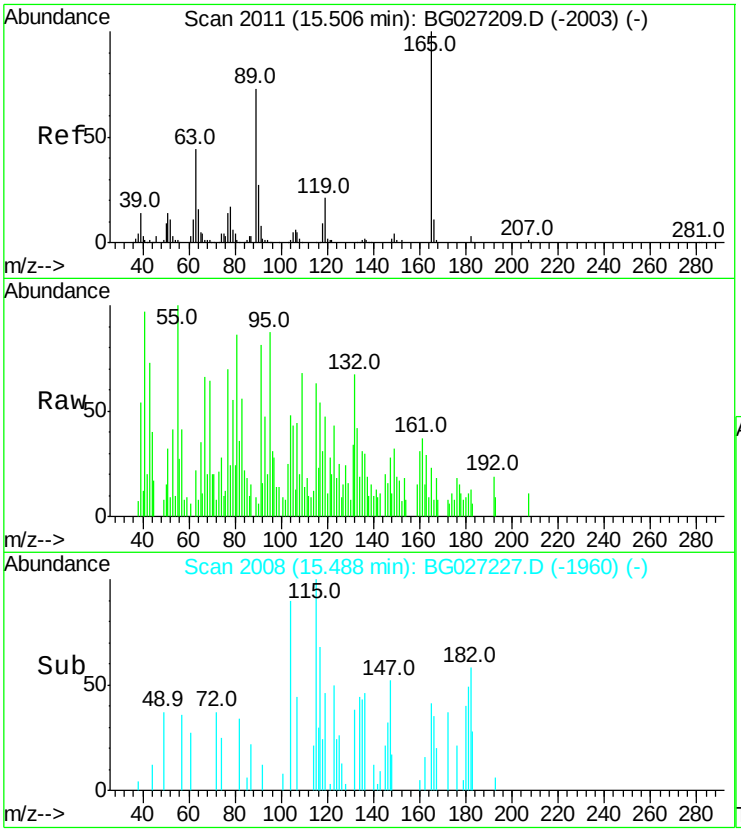


#55
4-Nitrophenol
Concen: 6.44 ng
RT: 15.31 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion:139 Resp: 856

Ion	Ratio	Lower	Upper
139	100		
109	238.5	101.2	141.2#
65	229.7	135.3	175.3#



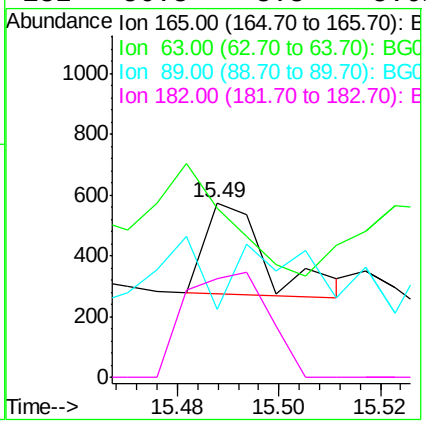


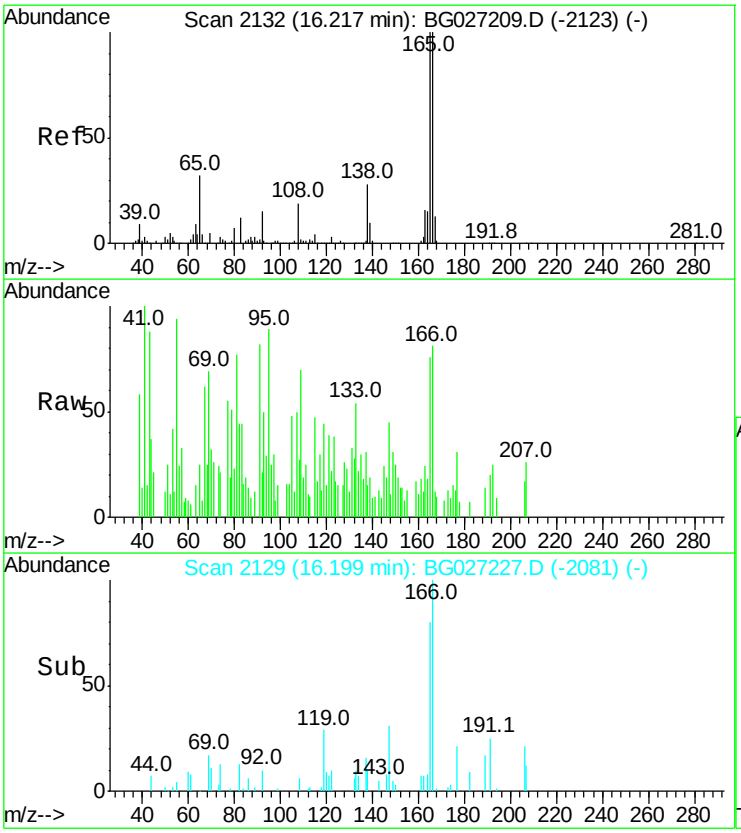
#56
2,4-Dinitrotoluene
Concen: 7.05 ng
RT: 15.49 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 250

Ion	Ratio	Lower	Upper
165	100		
63	97.0	44.0	66.0#
89	39.2	67.3	100.9#
182	56.8	3.8	5.6#

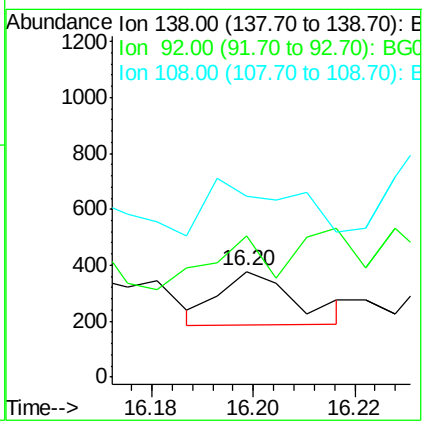


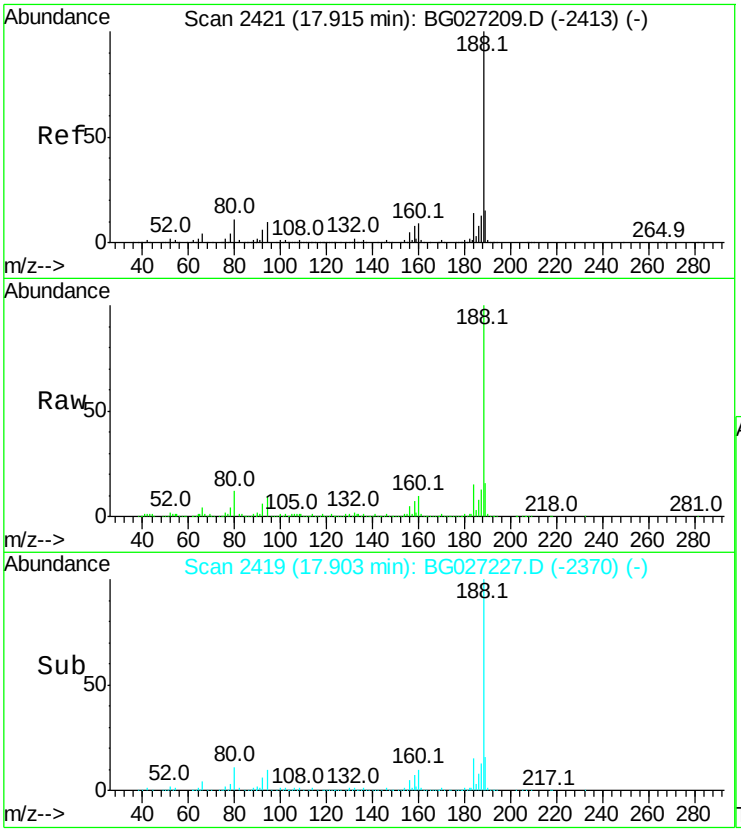


#61
4-Nitroaniline
Concen: 5.96 ng
RT: 16.20 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion:138 Resp: 201

Ion	Ratio	Lower	Upper
138	100		
92	133.9	44.2	84.2#
108	171.7	104.8	144.8#



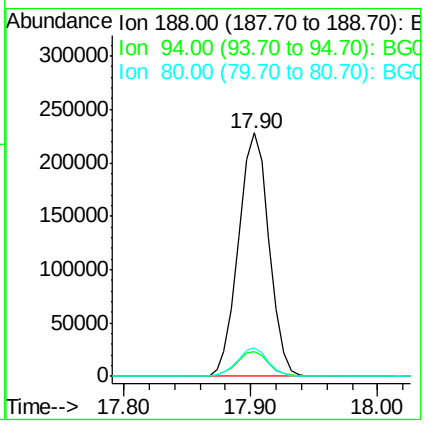


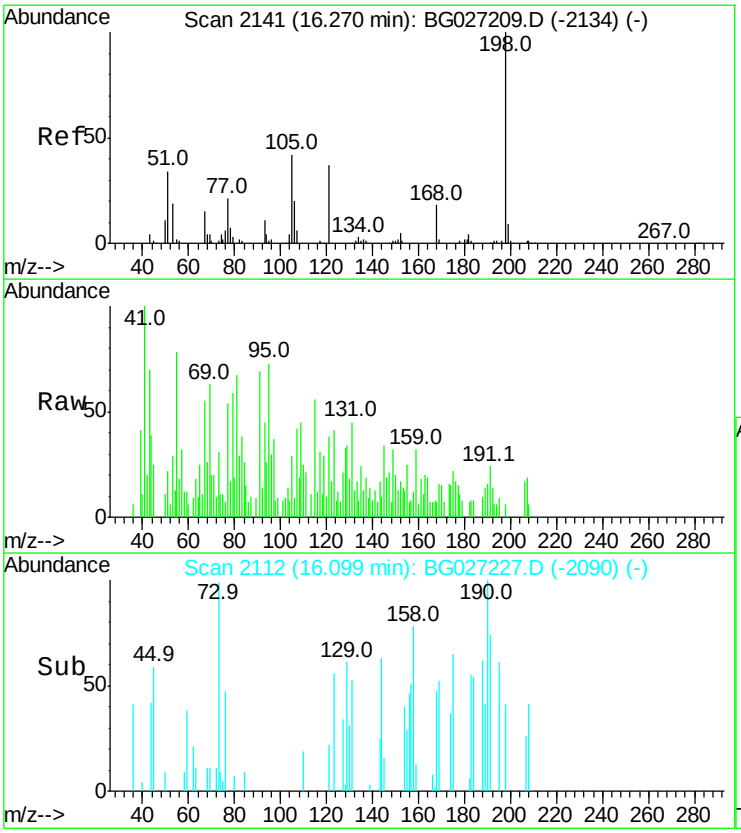
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 381528

Ion	Ratio	Lower	Upper
188	100		
94	9.9	5.8	8.8#
80	11.6	7.5	11.3#

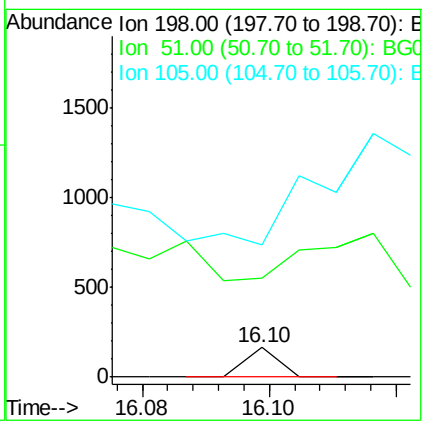


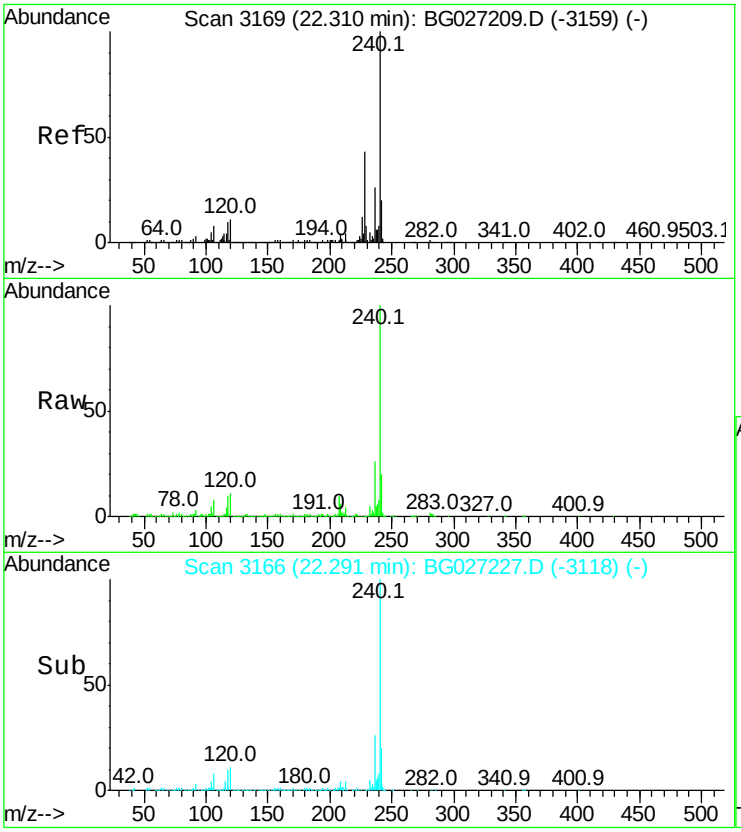


#64
4,6-Dinitro-2-methylphenol
Concen: 5.05 ng
RT: 16.10 min Scan# 2112
Delta R.T. -0.17 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion:198 Resp: 57

Ion	Ratio	Lower	Upper
198	100		
51	336.8	22.6	62.6#
105	451.5	14.4	54.4#



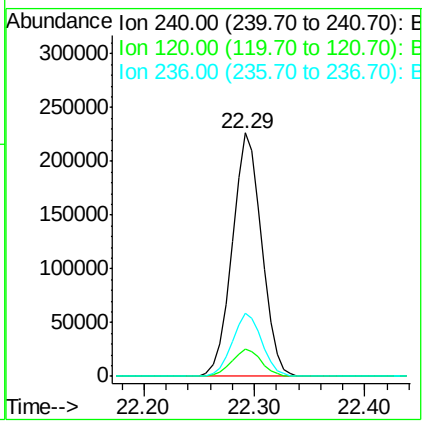


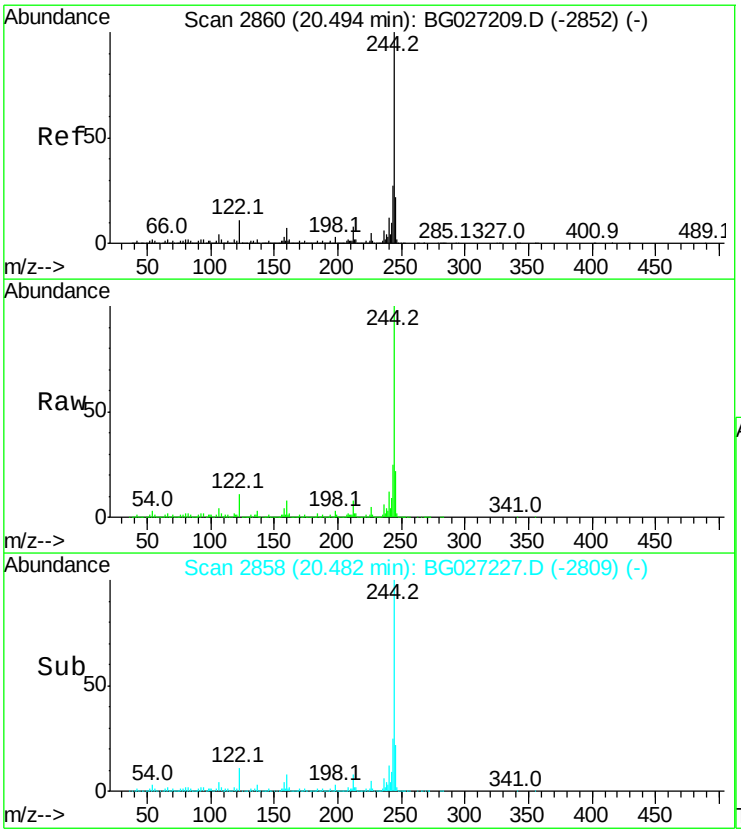
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.29 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 422402

Ion	Ratio	Lower	Upper
240	100		
120	11.2	5.7	8.5#
236	25.9	22.2	33.4

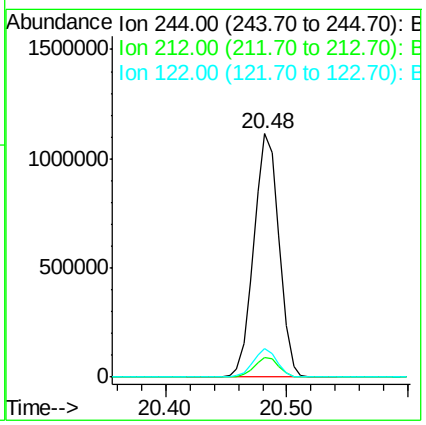


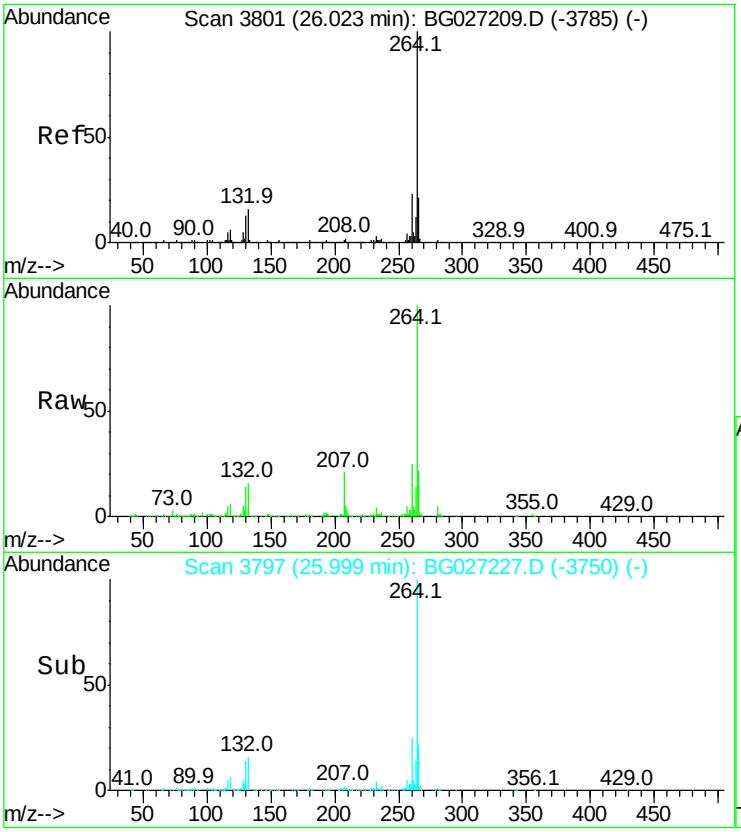


#78
Terphenyl-d14
Concen: 97.36 ng
RT: 20.48 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Tgt Ion:244 Resp: 1612170

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	11.5	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.00 min Scan# 3797
Delta R.T. -0.02 min
Lab File: BG027227.D
Acq: 6 Jun 2017 00:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 403491

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.8	32.8
265	22.2	18.2	27.4