Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062417\
Data File : BG027652.D
Acq On : 24 Jun 2017 10:07
Operator : SJ/JU
Sample : I3836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KY032MW006-170619

Quant Time: Jun 29 14:39:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	28112	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	111312	20.00	ng	0.01
38) Acenaphthene-d10	15.10	164	67818	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	157545	20.00	ng	0.00
75) Chrysene-d12	22.21	240	176413	20.00	ng	0.00
86) Perylene-d12	25.85	264	164189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	84115	42.58	ng	0.03
7) Phenol-d6	7.73	99	102704	35.12	ng	0.08
23) Nitrobenzene-d5	9.70	82	172826	73.47	ng	0.02
41) 2,4,6-Tribromophenol	16.58	330	93548	92.52	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	370383	74.60	ng	0.00
78) Terphenyl-d14	20.42	244	451260	60.27	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	4.10	88	1659927	2164.514	ng	# 77
10) Phenol	7.76	94	451953	151.721	ng	92
11) bis(2-Chloroethyl)ether	7.93	93	623397	267.375	ng	85
14) 1,2-Dichlorobenzene	8.87	146	51528	23.542	ng	94
17) 2-Methylphenol	8.98	107	395420	188.643	ng	96
20) 3+4-Methylphenols	9.34	107	3364619	1172.365	ng	96
27) 2,4-Dimethylphenol	10.55	122	929311	515.946	ng	93
31) Naphthalene	11.39	128	24066	4.000	ng	95
49) Dimethylphthalate	14.54	163	52757	8.885	ng	98
59) Diethylphthalate	15.88	149	31826	4.912	ng	98

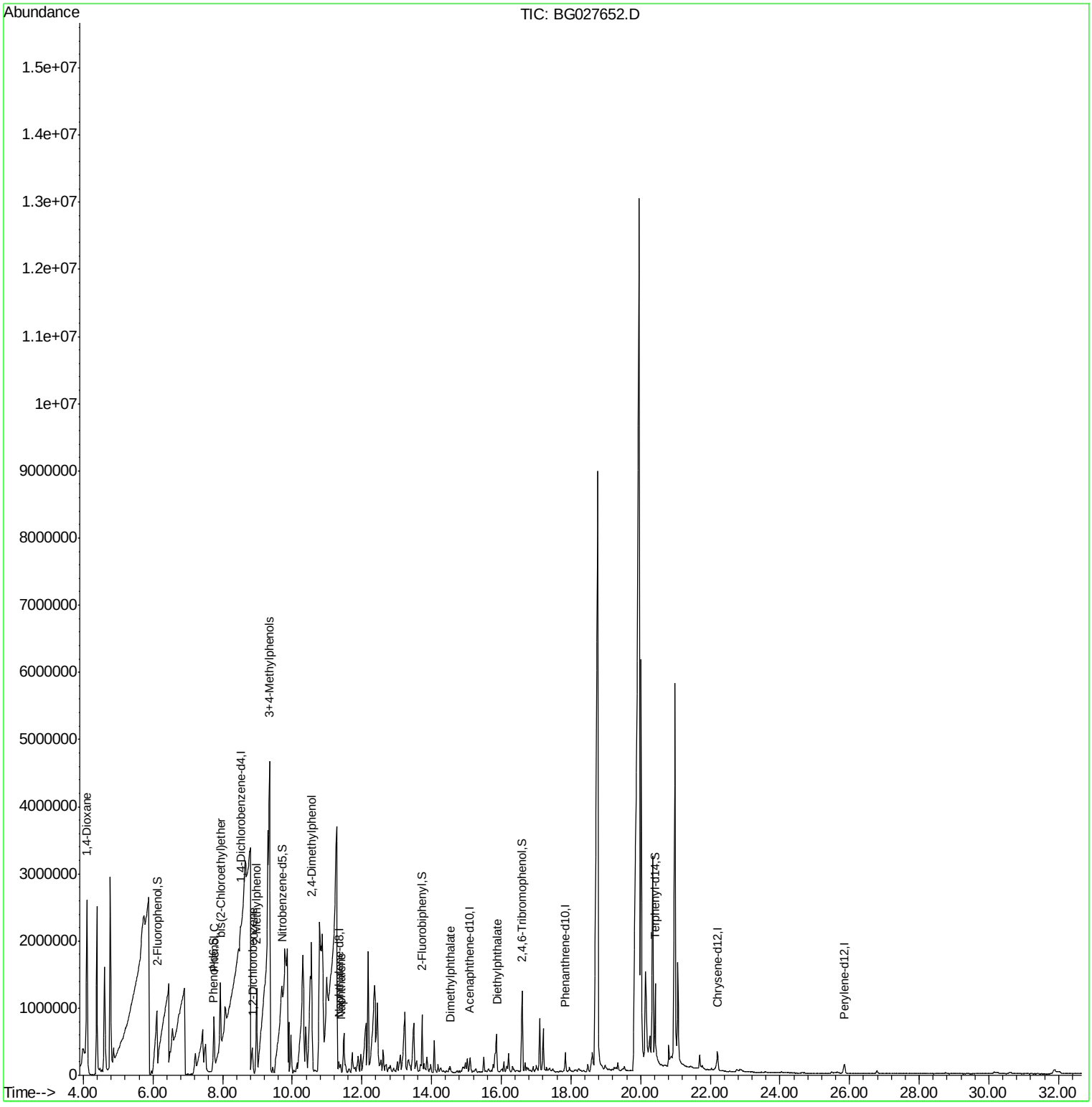
(#) = qualifier out of range (m) = manual integration (+) = signals summed

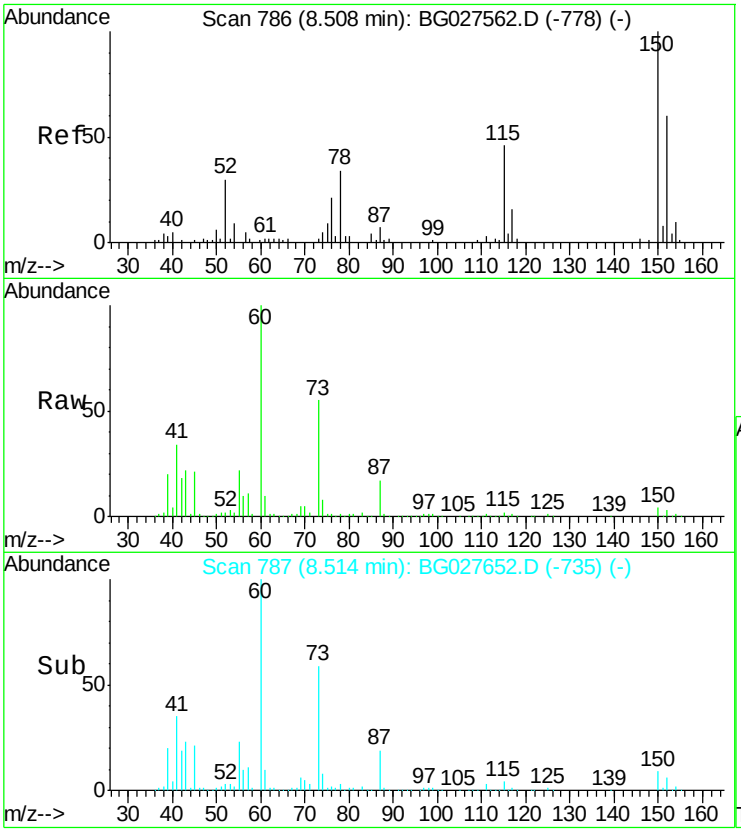
Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062417\
Data File : BG027652.D
Acq On : 24 Jun 2017 10:07
Operator : SJ/JU
Sample : I3836-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619

Quant Time: Jun 29 14:39:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration



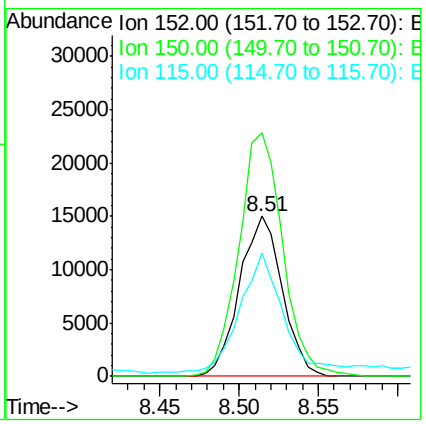


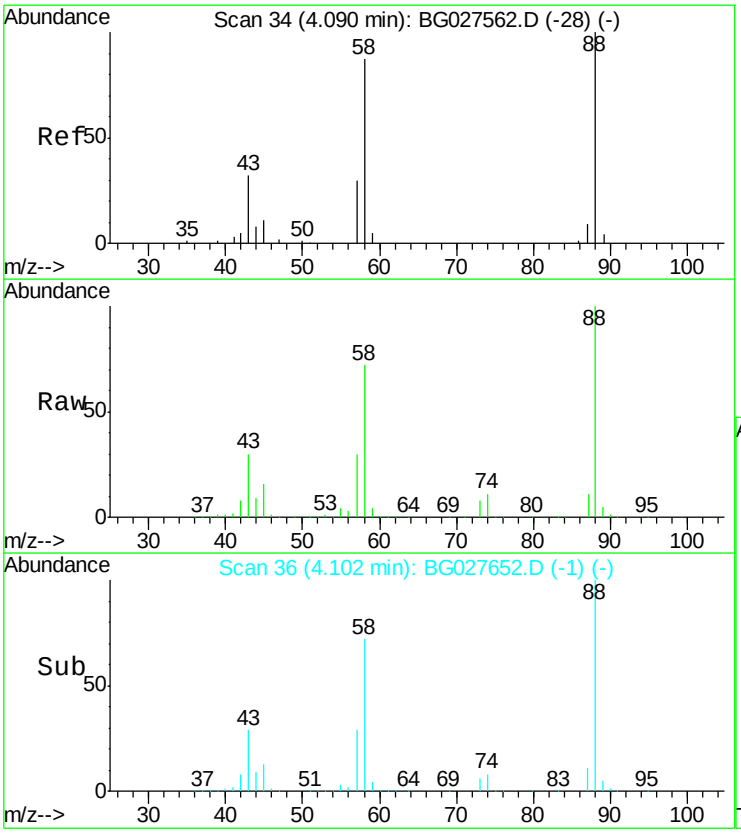
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.51 min Scan# 787
Delta R.T. 0.01 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619

Tgt Ion:152 Resp: 28112

Ion	Ratio	Lower	Upper
152	100		
150	151.9	114.0	171.0
115	77.1	48.1	72.1#

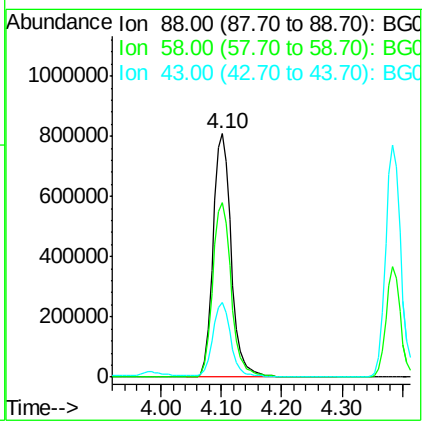


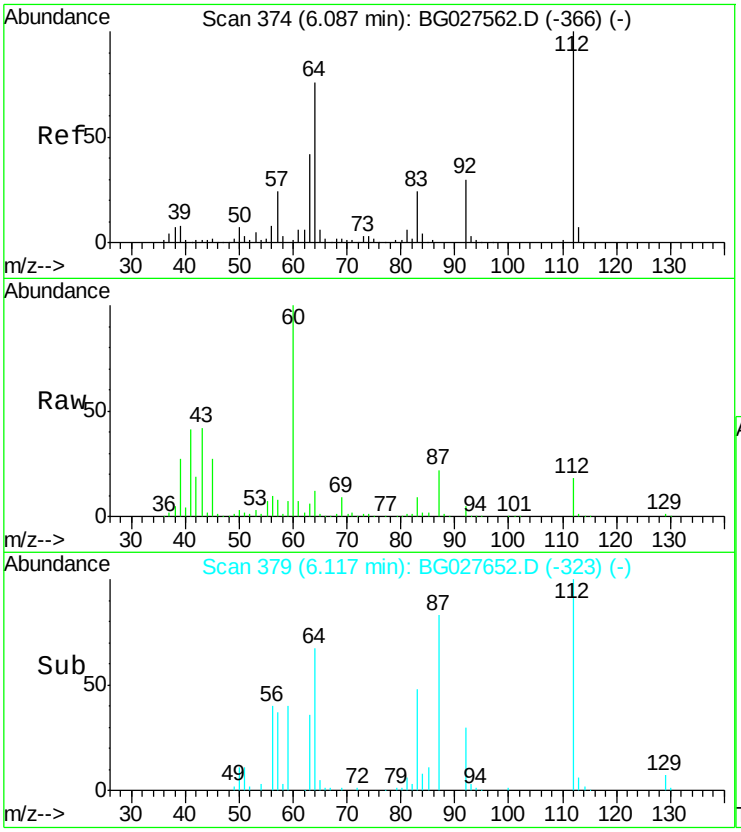


#2
1,4-Dioxane
Concen: 2164.514 ng
RT: 4.10 min Scan# 36
Delta R.T. 0.01 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Tgt Ion: 88 Resp: 1659927

Ion	Ratio	Lower	Upper
88	100		
58	73.9	79.4	119.2#
43	30.8	33.8	50.6#



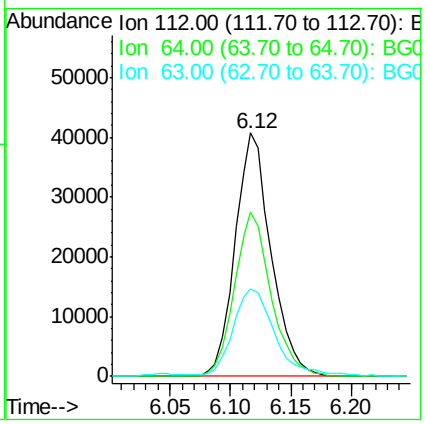


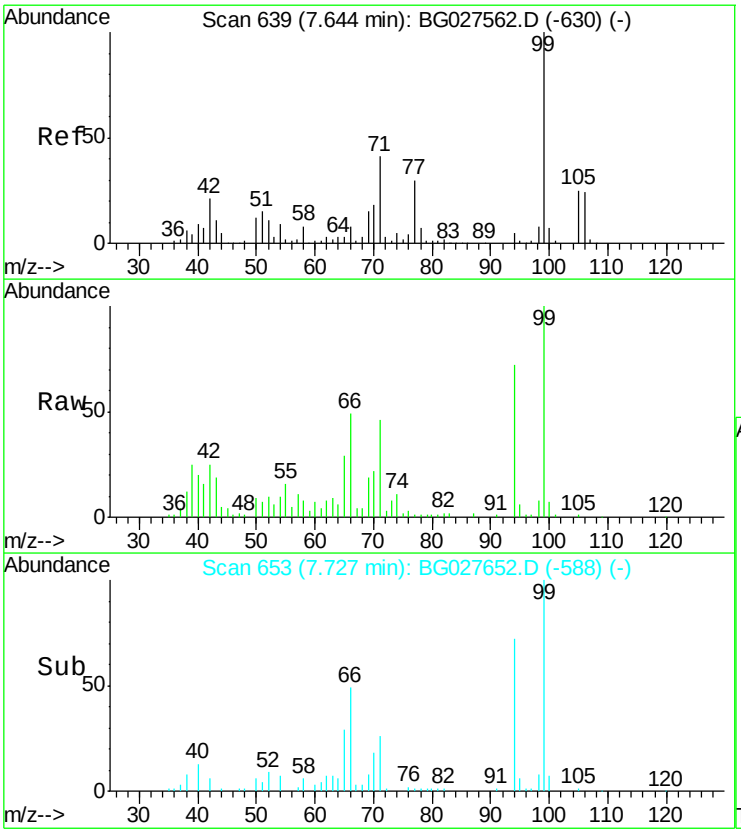
#5
2-Fluorophenol
Concen: 42.585 ng
RT: 6.12 min Scan# 379
Delta R.T. 0.03 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619

Tgt Ion:112 Resp: 84115

Ion	Ratio	Lower	Upper
112	100		
64	67.4	61.8	92.6
63	36.1	37.2	55.8#

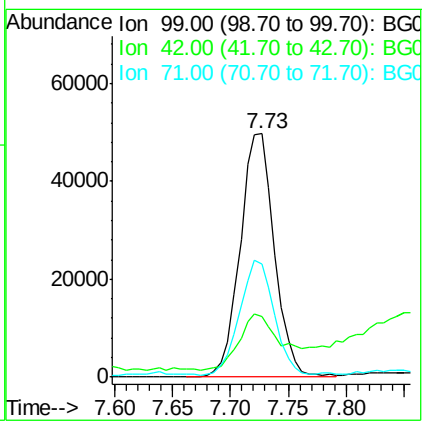


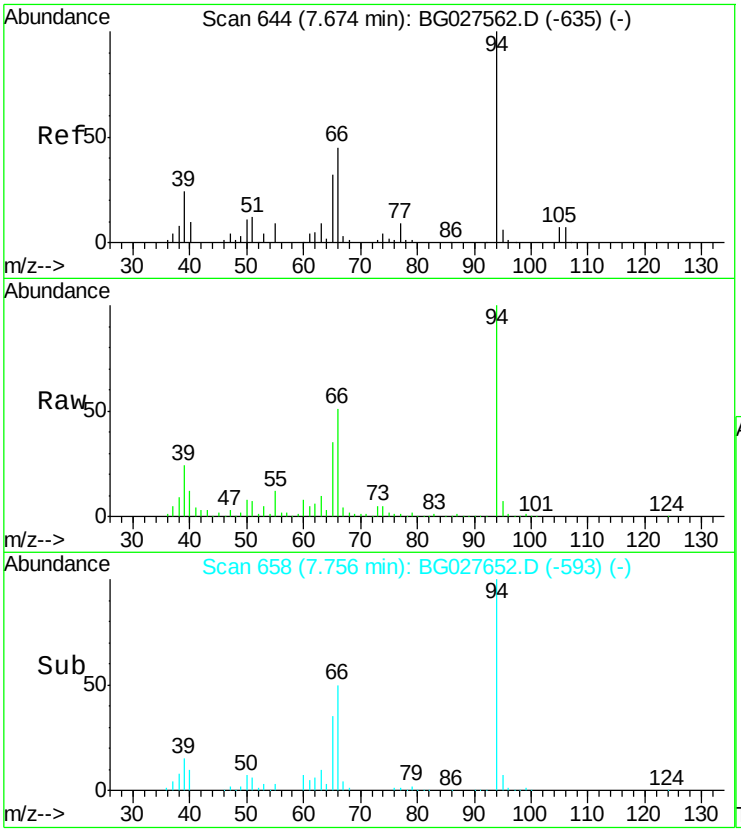


#7
Phenol-d6
Concen: 35.123 ng
RT: 7.73 min Scan# 653
Delta R.T. 0.08 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Tgt Ion: 99 Resp: 102704

Ion	Ratio	Lower	Upper
99	100		
42	24.8	20.5	30.7
71	46.2	37.6	56.4



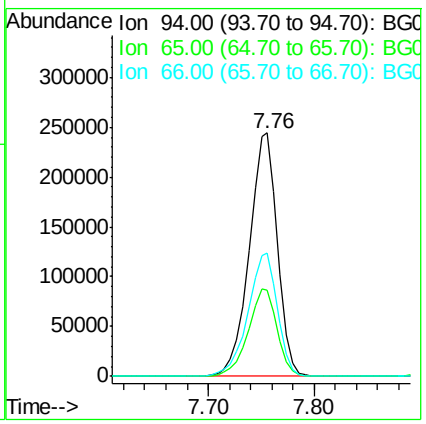


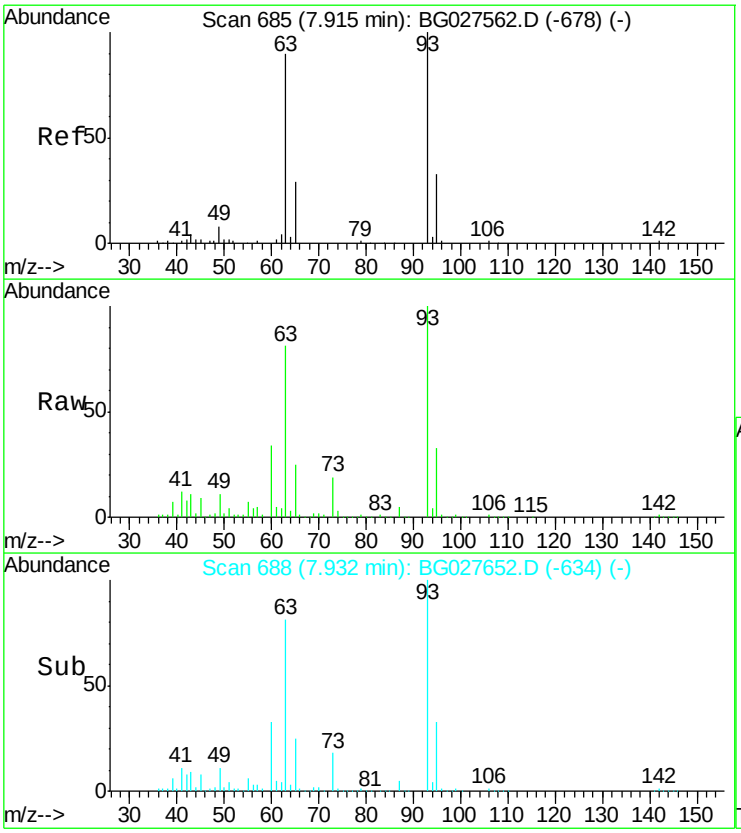
#10
Phenol
Concen: 151.721 ng
RT: 7.76 min Scan# 658
Delta R.T. 0.08 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619

Tgt Ion: 94 Resp: 451953

Ion	Ratio	Lower	Upper
94	100		
65	35.1	20.6	60.6
66	50.5	35.5	75.5

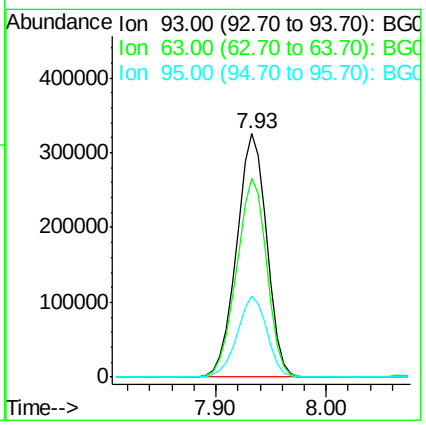


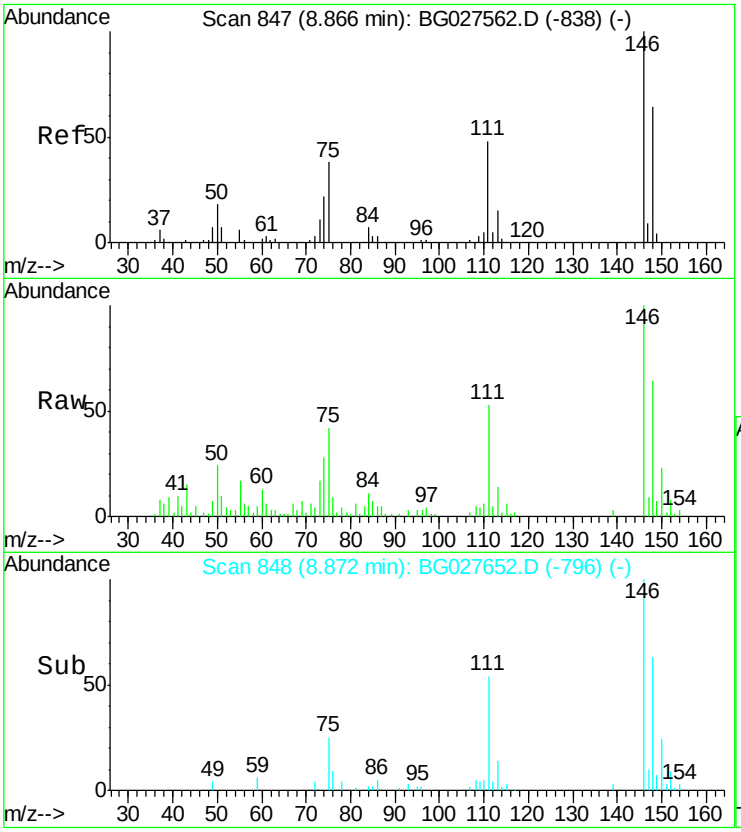


#11
bis(2-Chloroethyl)ether
Concen: 267.375 ng
RT: 7.93 min Scan# 688
Delta R.T. 0.02 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Tgt Ion: 93 Resp: 623397

Ion	Ratio	Lower	Upper
93	100		
63	81.4	78.5	118.5
95	33.3	9.8	49.8



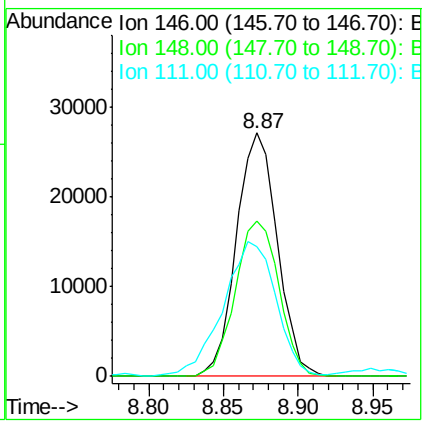


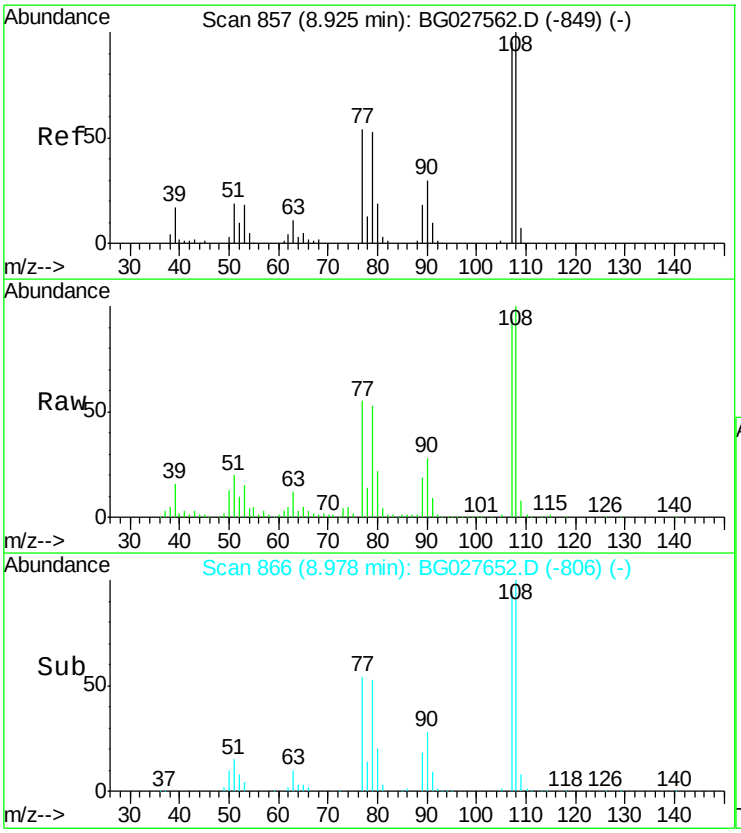
#14
1,2-Dichlorobenzene
Concen: 23.542 ng
RT: 8.87 min Scan# 848
Delta R.T. 0.01 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619

Tgt Ion:146 Resp: 51528

Ion	Ratio	Lower	Upper
146	100		
148	63.6	54.6	81.8
111	53.4	39.7	59.5

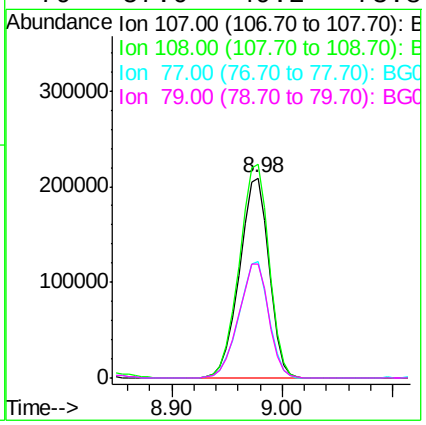


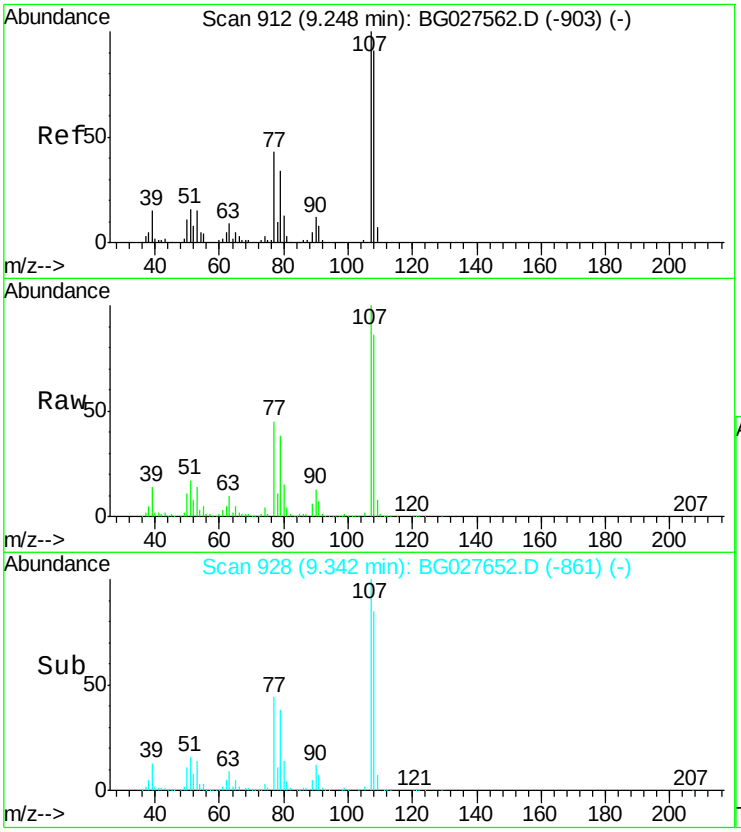


#17
2-Methylphenol
Concen: 188.643 ng
RT: 8.98 min Scan# 866
Delta R.T. 0.05 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Tgt Ion:107 Resp: 395420

Ion	Ratio	Lower	Upper
107	100		
108	106.8	85.6	128.4
77	58.2	51.4	77.2
79	57.0	49.2	73.8



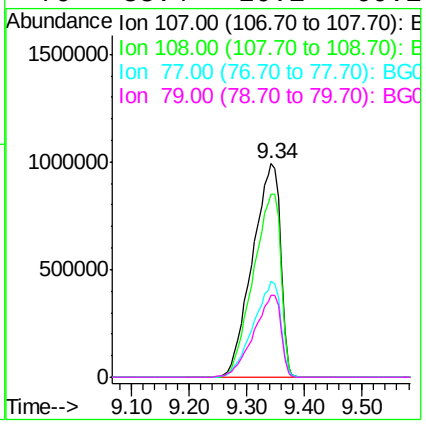


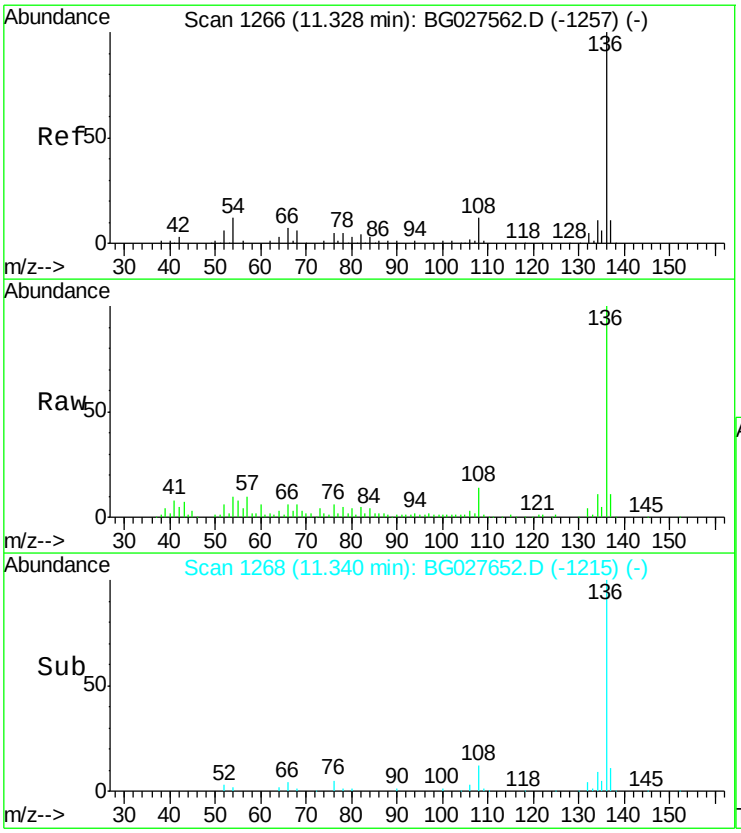
#20
3+4-Methylphenols
Concen: 1172.365 ng
RT: 9.34 min Scan# 928
Delta R.T. 0.09 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619

Tgt Ion:107 Resp: 3364619

Ion	Ratio	Lower	Upper
107	100		
108	86.0	70.8	110.8
77	44.8	25.8	65.8
79	38.4	20.1	60.1

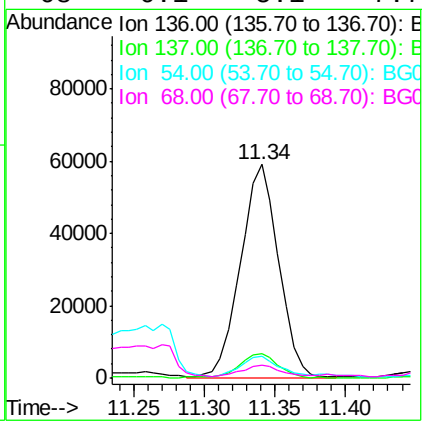


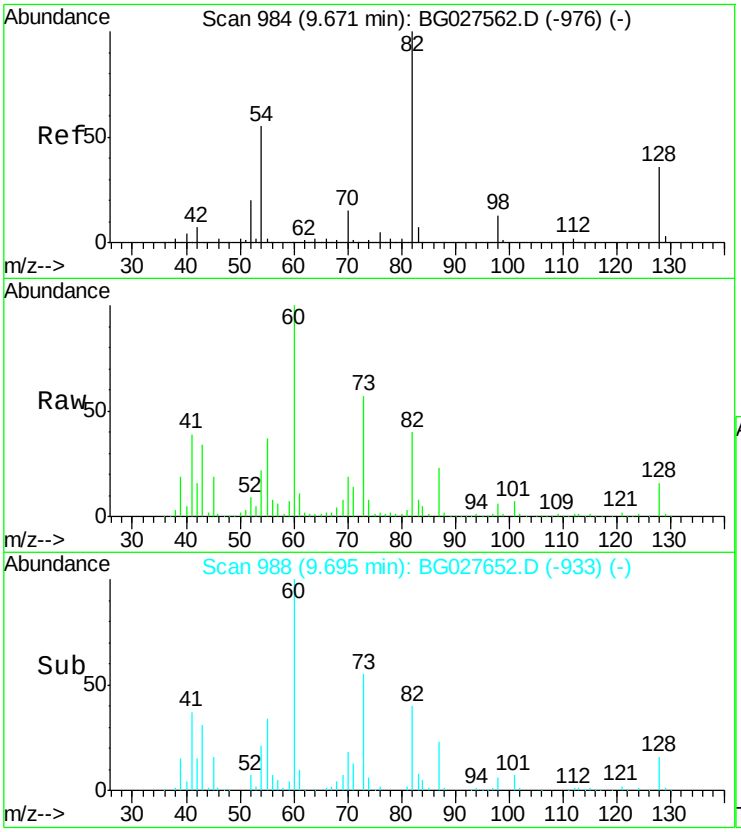


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.34 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Tgt Ion:136 Resp: 111312

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.4	9.3	13.9
68	6.1	5.1	7.7



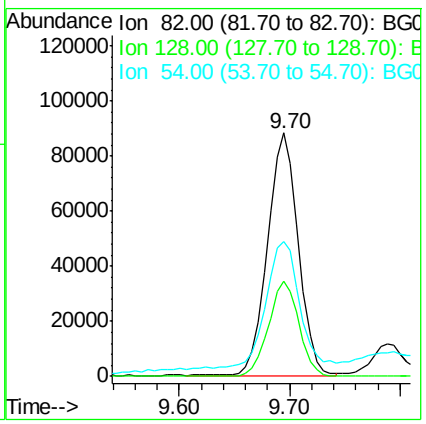


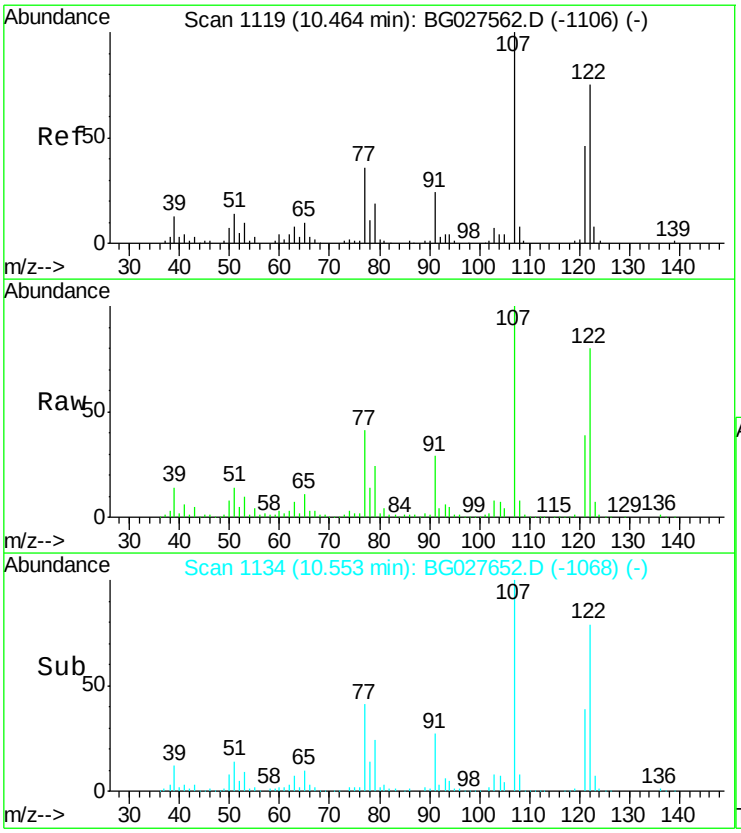
#23
Nitrobenzene-d5
Concen: 73.468 ng
RT: 9.70 min Scan# 988
Delta R.T. 0.02 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619

Tgt Ion: 82 Resp: 172826

Ion	Ratio	Lower	Upper
82	100		
128	38.9	26.4	39.6
54	55.3	49.4	74.2

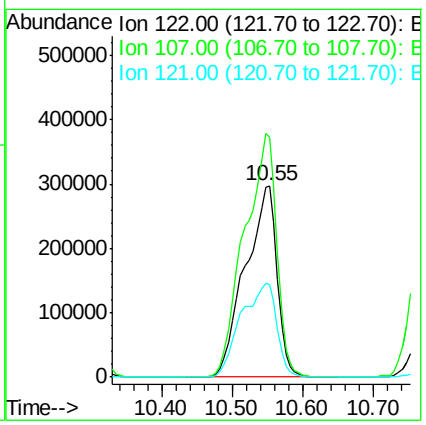


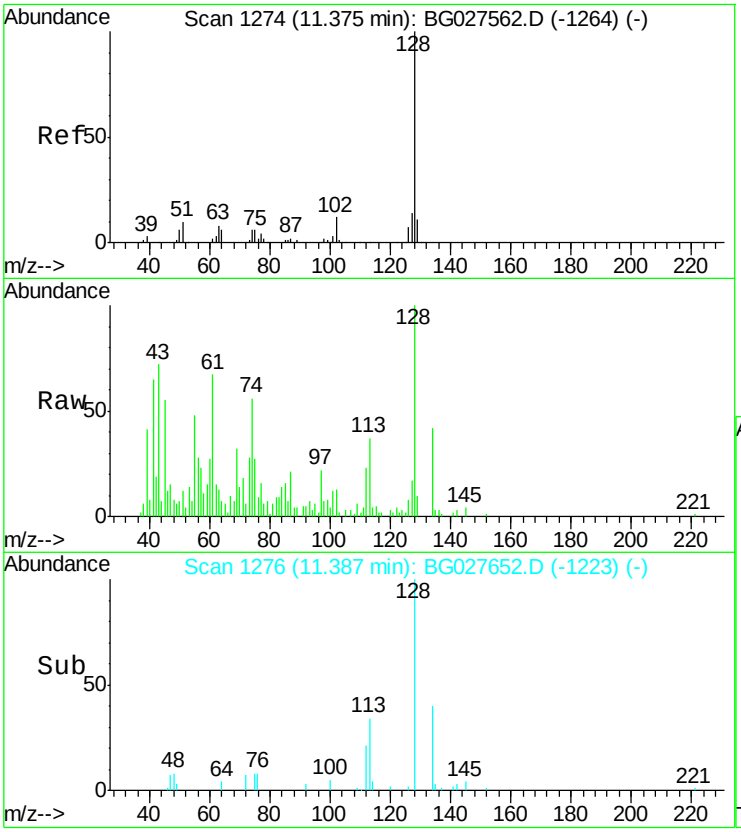


#27
2,4-Dimethylphenol
Concen: 515.946 ng
RT: 10.55 min Scan# 1134
Delta R.T. 0.09 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Tgt Ion:122 Resp: 929311

Ion	Ratio	Lower	Upper
122	100		
107	125.3	104.2	156.4
121	48.7	46.0	69.0



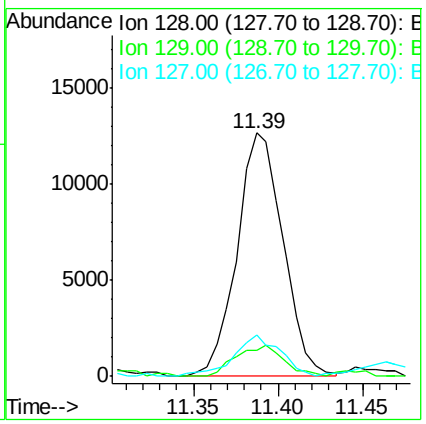


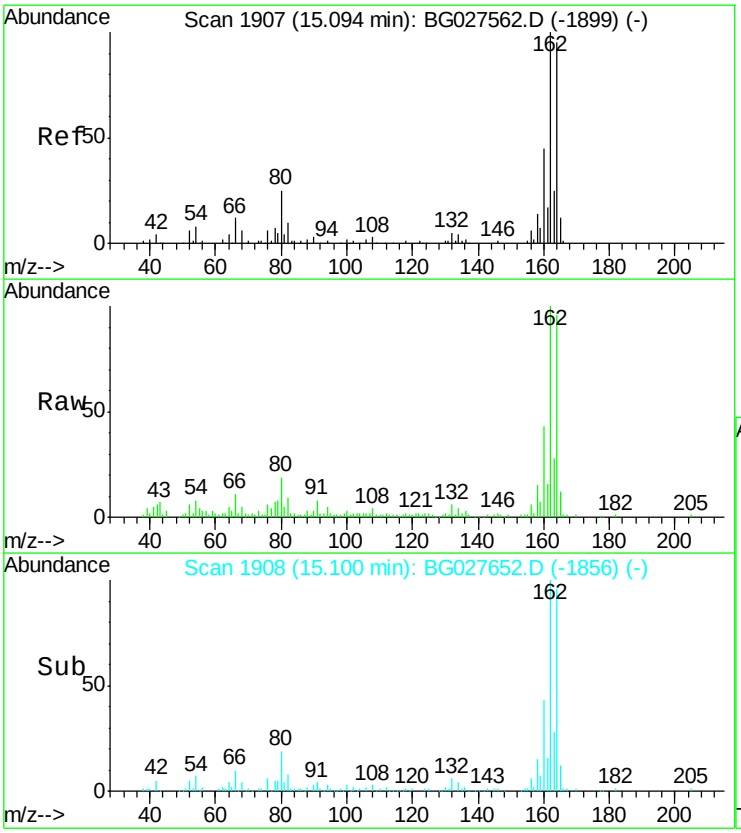
#31
Naphthalene
Concen: 4.000 ng
RT: 11.39 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619

Tgt Ion:128 Resp: 24066

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.3	13.9
127	16.9	11.4	17.0

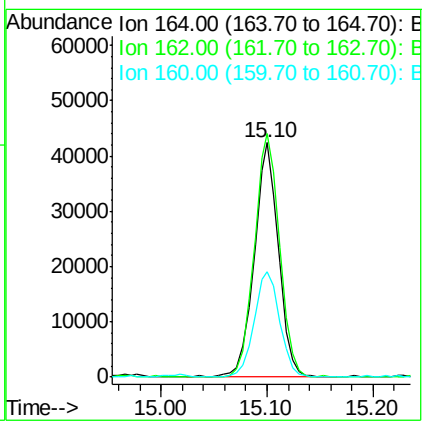


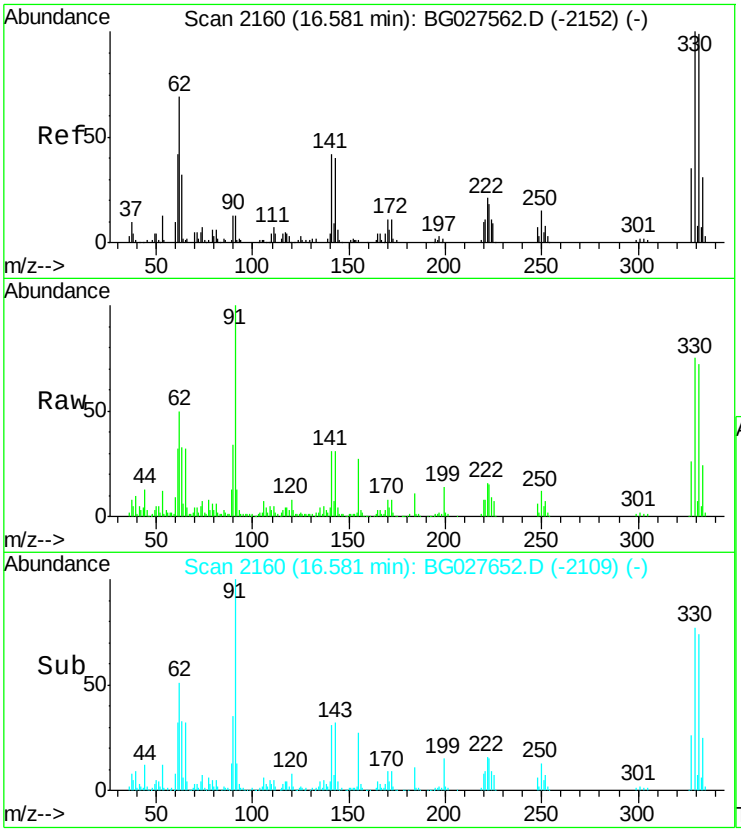


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.10 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Tgt Ion:164 Resp: 67818

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.1	127.7
160	45.1	34.7	52.1



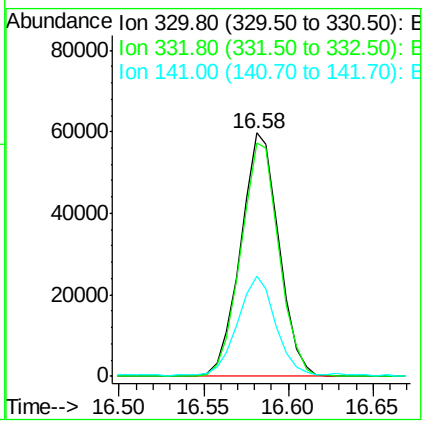


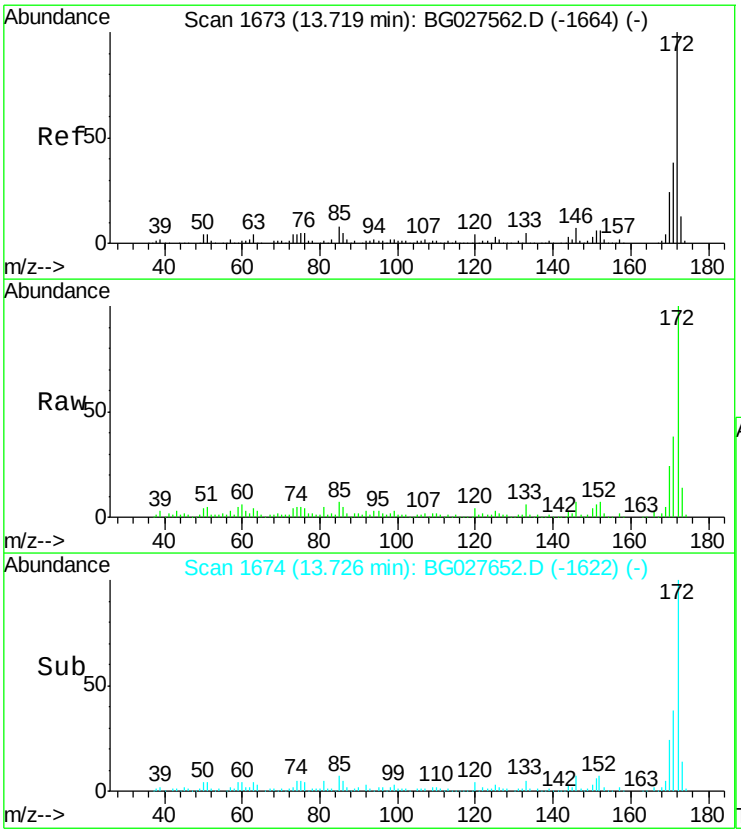
#41
2,4,6-Tribromophenol
Concen: 92.525 ng
RT: 16.58 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619

Tgt Ion:330 Resp: 93548

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	42.8	32.1	48.1

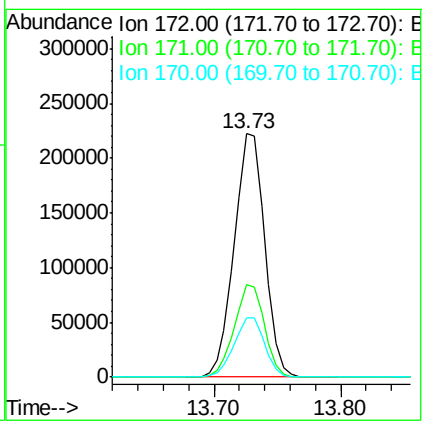


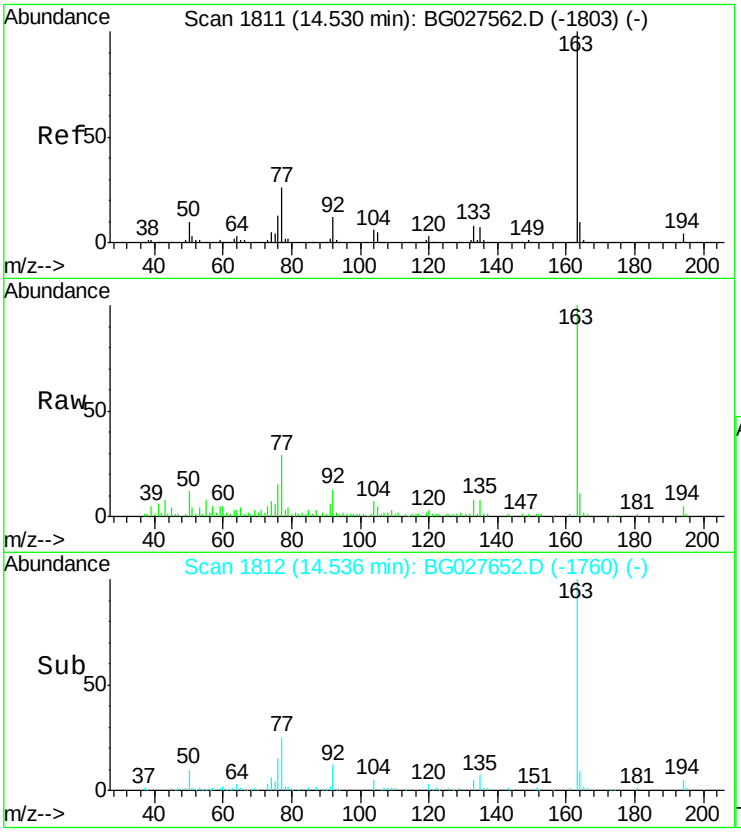


#44
2-Fluorobiphenyl
Concen: 74.603 ng
RT: 13.73 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Tgt Ion:172 Resp: 370383

Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.2	48.2
170	24.4	21.8	32.6



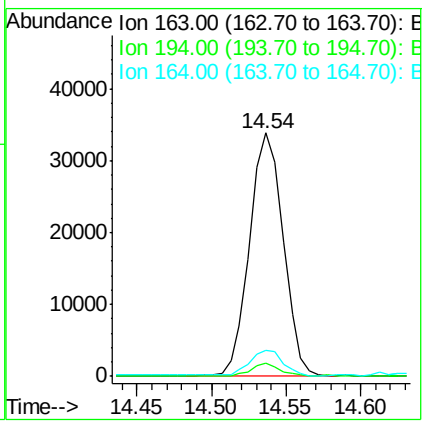


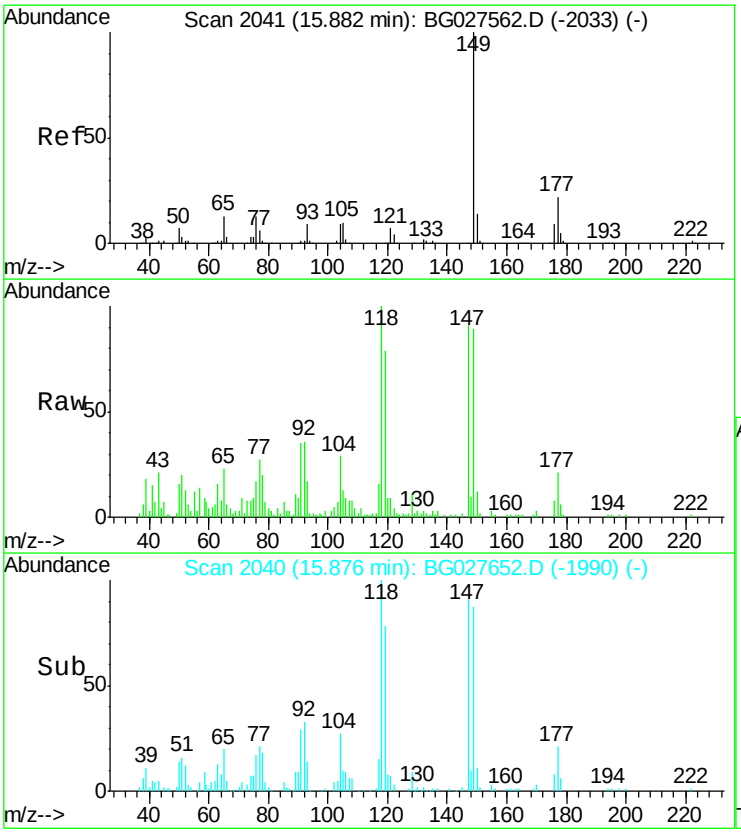
#49
Dimethylphthalate
Concen: 8.885 ng
RT: 14.54 min Scan# 1812
Delta R.T. 0.01 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619

Tgt Ion:163 Resp: 52757

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.8	5.6
164	10.6	9.3	13.9

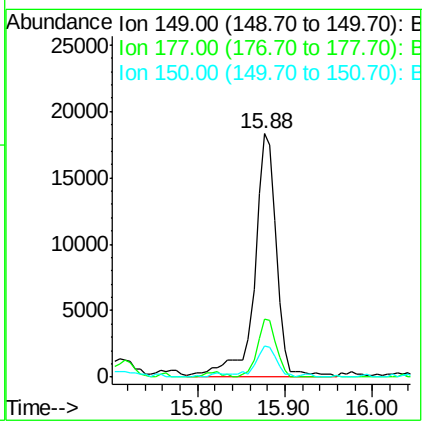


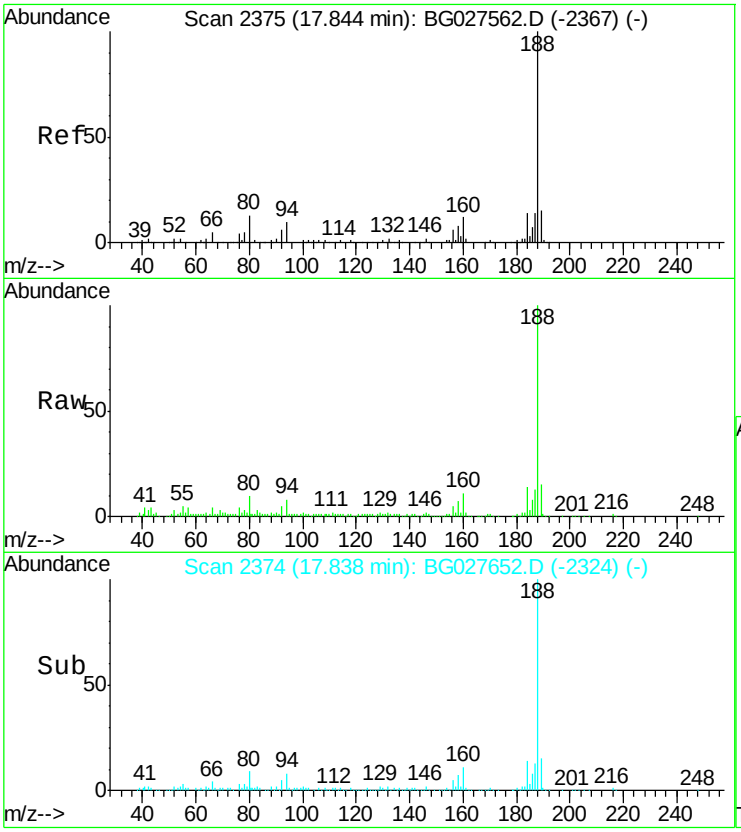


#59
Diethylphthalate
Concen: 4.912 ng
RT: 15.88 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Tgt Ion:149 Resp: 31826

Ion	Ratio	Lower	Upper
149	100		
177	24.0	20.1	30.1
150	12.9	10.2	15.2



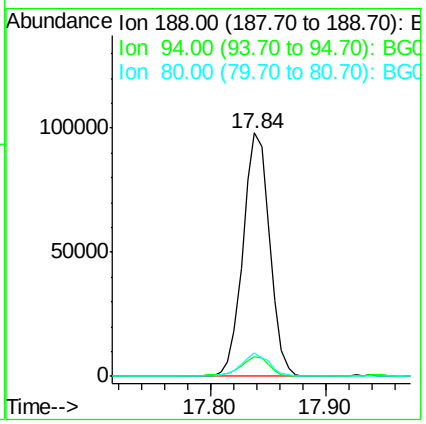


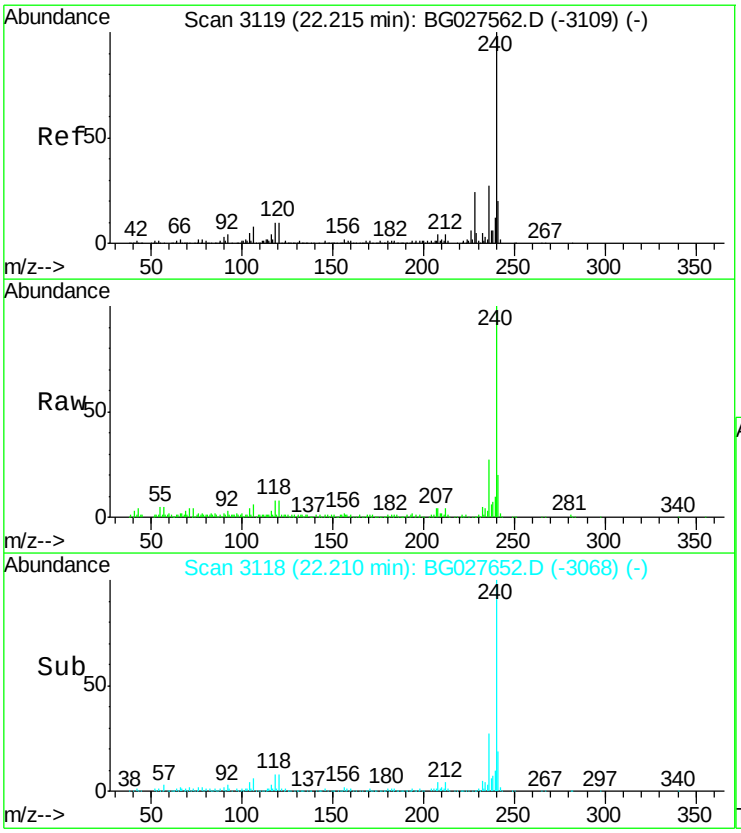
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619

Tgt Ion:188 Resp: 157545

Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.8	8.8
80	10.9	7.5	11.3

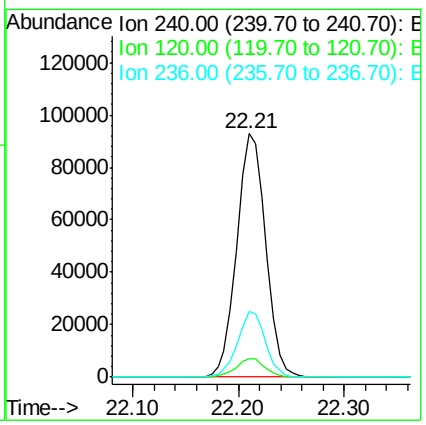


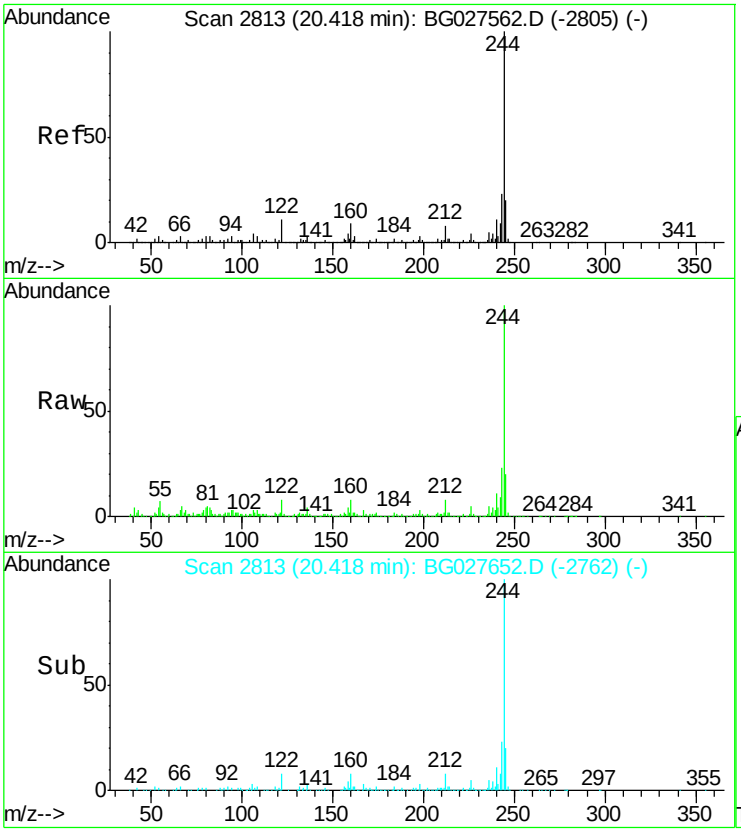


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.21 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Tgt Ion:240 Resp: 176413

Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.7	8.5
236	27.1	22.2	33.4



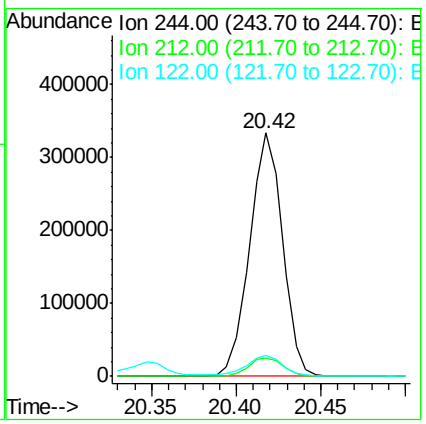


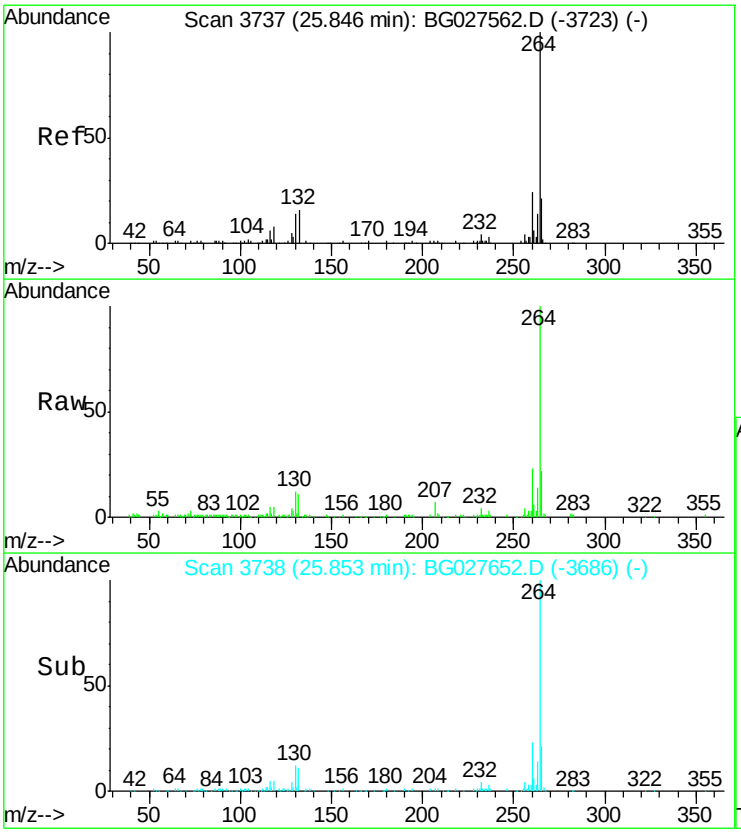
#78
Terphenyl-d14
Concen: 60.268 ng
RT: 20.42 min Scan# 2813
Delta R.T. 0.00 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619

Tgt Ion:244 Resp: 451260

Ion	Ratio	Lower	Upper
244	100		
212	7.6	10.0	15.0#
122	8.4	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.85 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BG027652.D
Acq: 24 Jun 2017 10:07

Tgt Ion:264 Resp: 164189

Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	21.5	18.2	27.4