Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062817\
Data File : BG027713.D
Acq On : 28 Jun 2017 17:31
Operator : SJ/JU
Sample : PB100116BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 29 06:42:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	29606	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	145251	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	86203	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	257736	20.00	ng	0.00
75) Chrysene-d12	22.17	240	268268	20.00	ng	0.00
86) Perylene-d12	25.78	264	256084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	324712	168.89	ng	0.00
7) Phenol-d6	7.61	99	456523	155.43	ng	0.00
23) Nitrobenzene-d5	9.64	82	260919	100.13	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	220862	186.80	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	639449	105.94	ng	0.00
78) Terphenyl-d14	20.39	244	1340257	117.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.95	88	55	0.08	ng	# 1
4) n-Nitrosodimethylamine	4.34	42	155	0.14	ng	# 1
6) Aniline	8.01	93	347	0.10	ng	# 1
9) Benzaldehyde	7.62	77	560	0.32	ng	# 10
10) Phenol	7.64	94	69	0.02	ng	# 1
11) bis(2-Chloroethyl)ether	8.01	93	347	0.16	ng	# 1
15) Benzyl Alcohol	8.80	79	3966	1.95	ng	# 54
24) Nitrobenzene	9.63	77	636	0.23	ng	# 49
45) 1,1'-Biphenyl	13.89	154	964	0.14	ng	72
48) Acenaphthylene	14.79	152	53	0.01	ng	# 58
51) Acenaphthene	15.05	154	341	0.06	ng	# 6
62) Azobenzene	16.54	77	1058	0.15	ng	# 13
65) n-Nitrosodiphenylamine	16.54	169	8421	1.00	ng	# 48
70) Phenanthrene	17.95	178	60	0.00	ng	# 56
71) Anthracene	17.95	178	60	0.00	ng	# 58
72) Carbazole	18.24	167	66	0.00	ng	# 55
73) Di-n-butylphthalate	18.74	149	404	0.02	ng	# 73
76) Benzidine	20.03	184	56	3.23	ng	# 64
77) Pyrene	20.39	202	4985	0.30	ng	# 72
79) Butylbenzylphthalate	21.08	149	200	0.03	ng	# 19
80) Benzo(a)anthracene	22.16	228	943	0.06	ng	# 47
82) Chrysene	22.16	228	943	0.06	ng	# 46
83) Bis(2-ethylhexyl)phthalate	22.00	149	890	0.08	ng	# 93
84) Di-n-octyl phthalate	23.34	149	700	0.04	ng	# 92
89) Benzo(a)pyrene	25.78	252	922	0.06	ng	# 70

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

Quantitation Report (Not Reviewed)

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Acq On : 28 Jun 2017 17:31
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Misc :
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Instrument :
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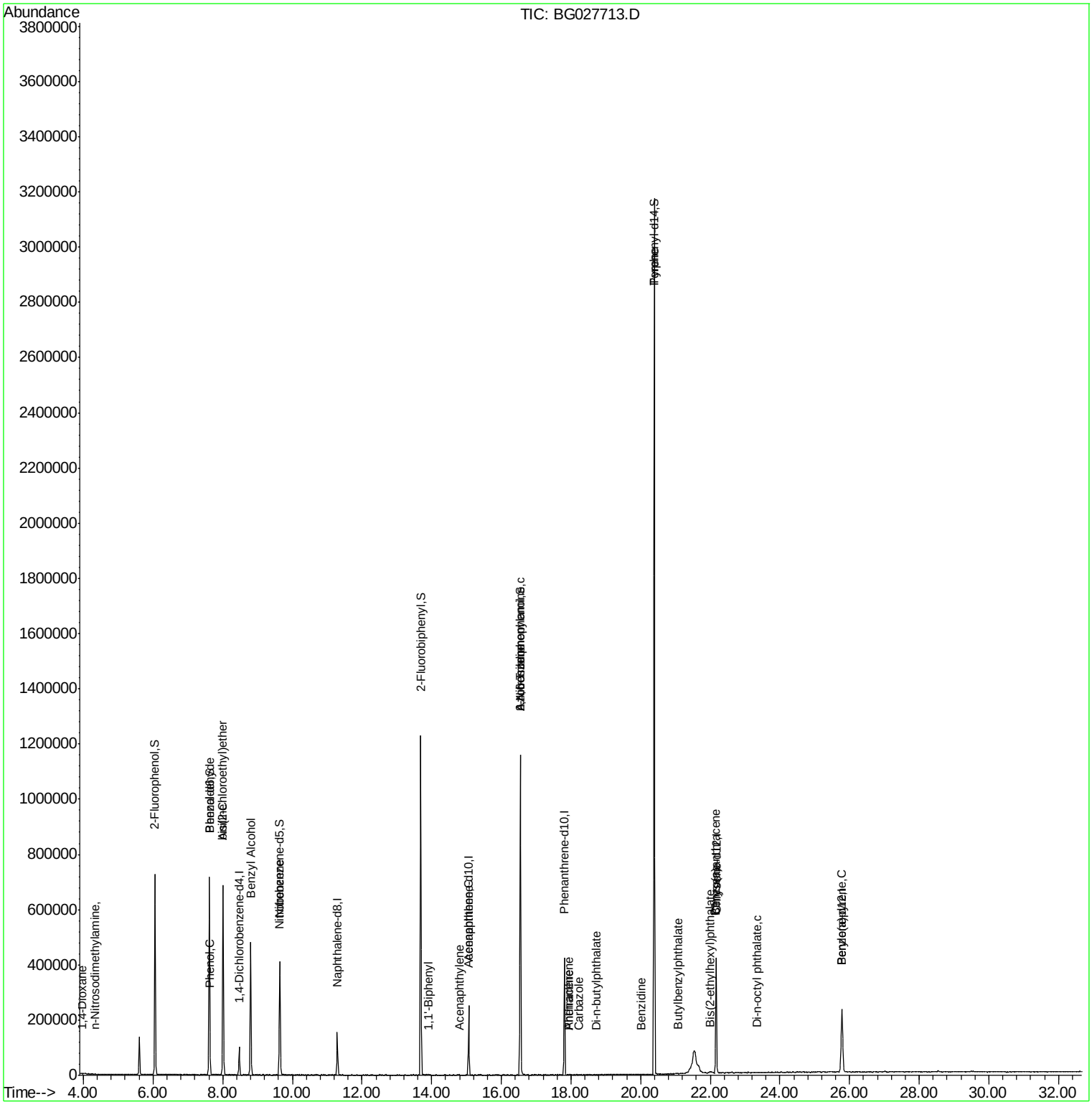
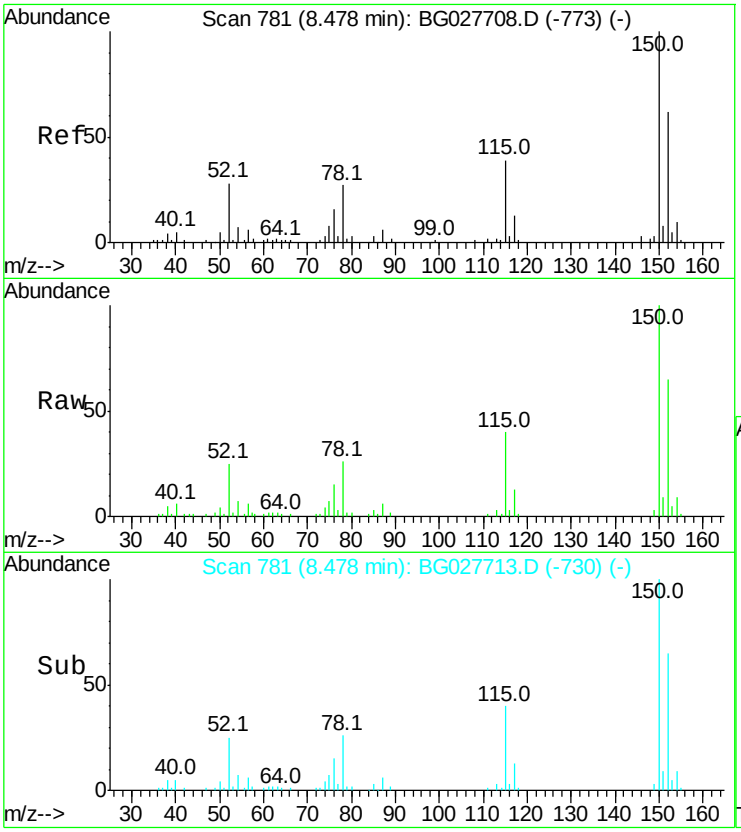


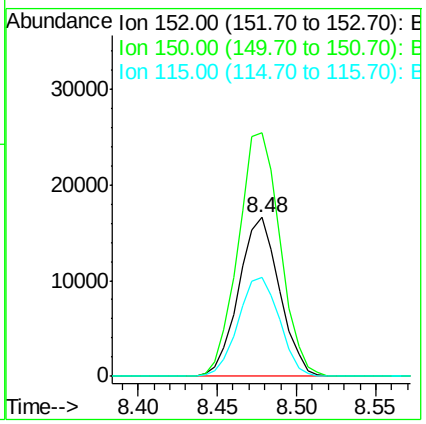


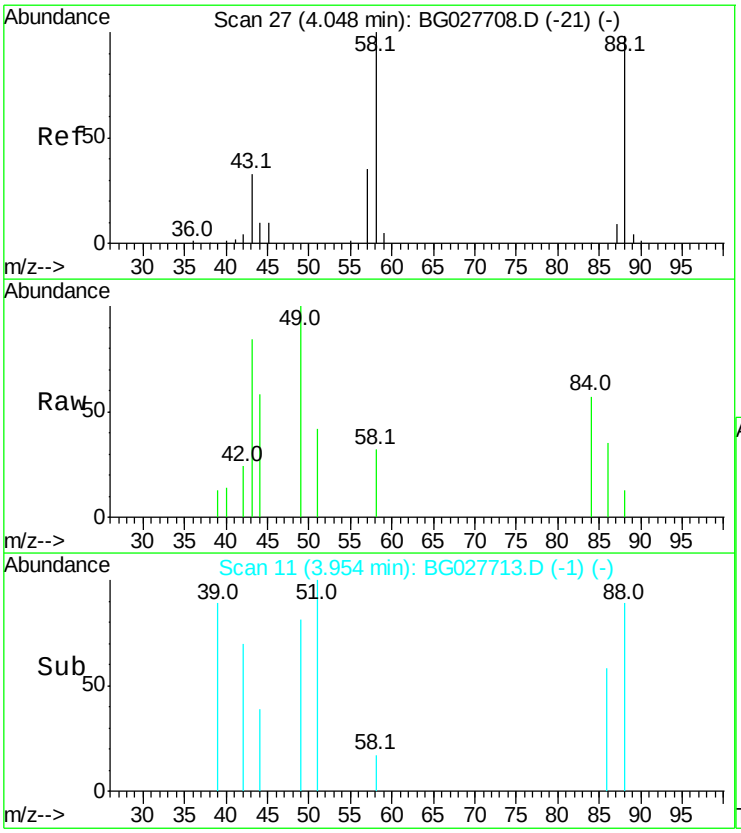
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 29606

Ion	Ratio	Lower	Upper
152	100		
150	153.6	114.0	171.0
115	62.1	48.1	72.1

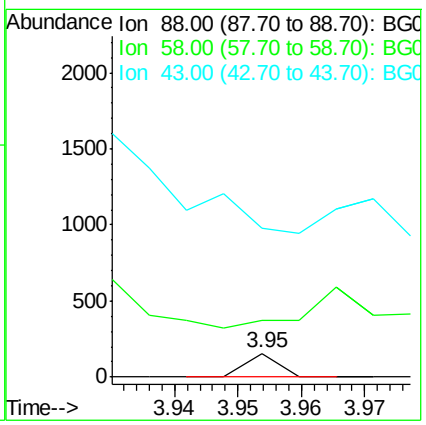


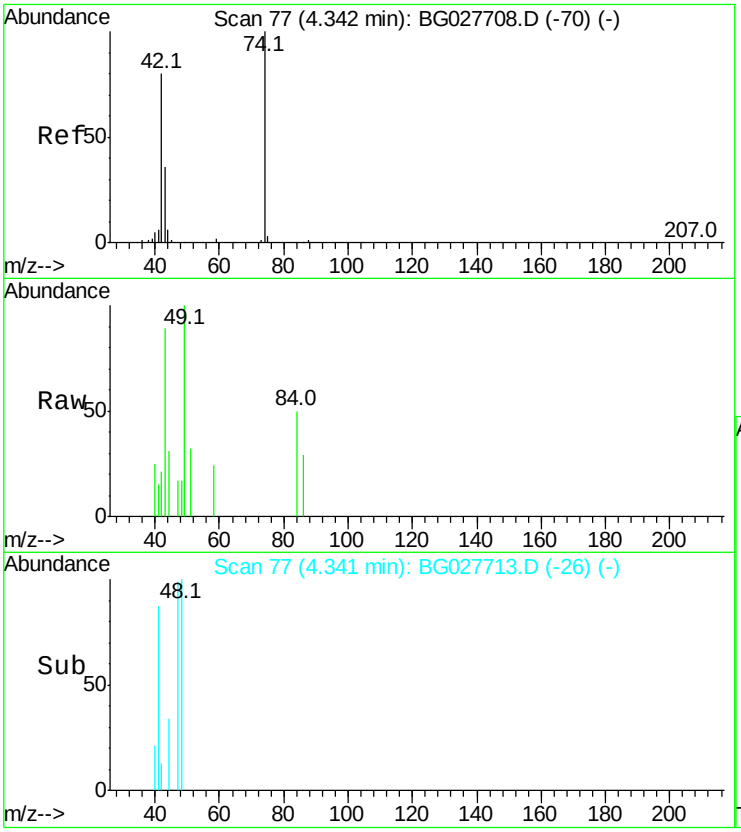


#2
1,4-Dioxane
Concen: 0.08 ng
RT: 3.95 min Scan# 11
Delta R.T. -0.09 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion: 88 Resp: 55

Ion	Ratio	Lower	Upper
88	100		
58	454.5	79.4	119.2#
43	347.3	33.8	50.6#



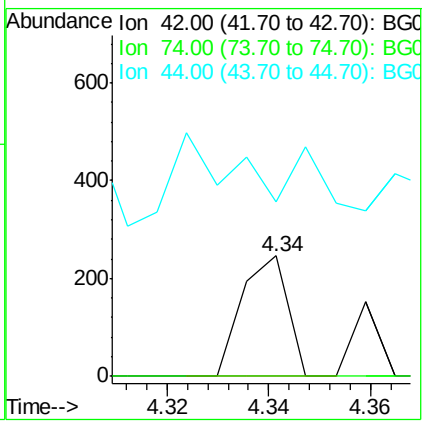


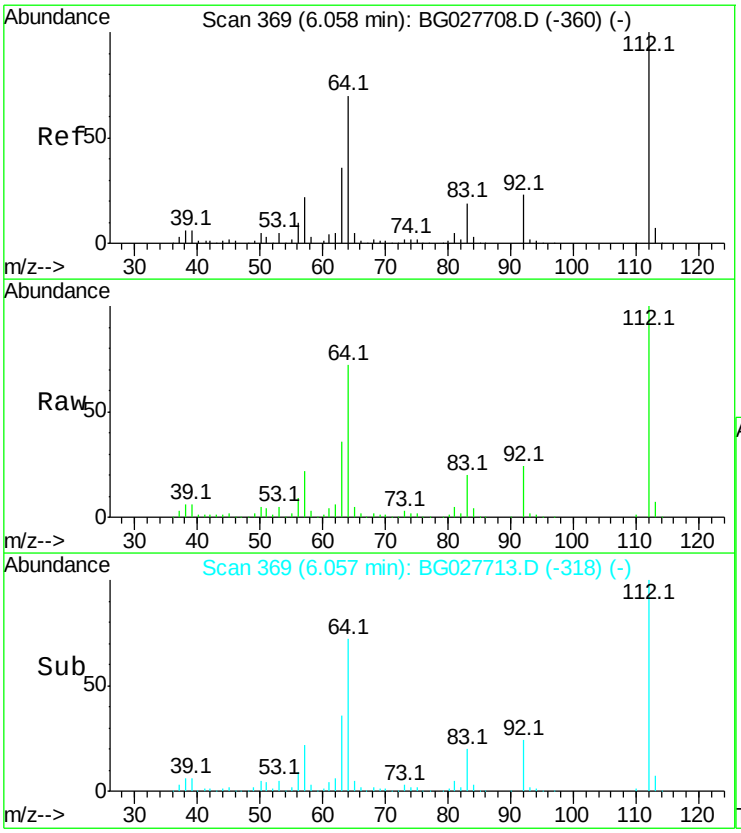
#4
n-Nitrosodimethylamine
Concen: 0.14 ng
RT: 4.34 min Scan# 77
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 155

Ion	Ratio	Lower	Upper
42	100		
74	0.0	76.7	115.1#
44	144.7	6.1	9.1#

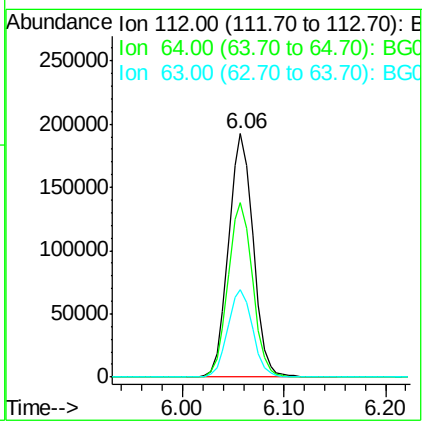


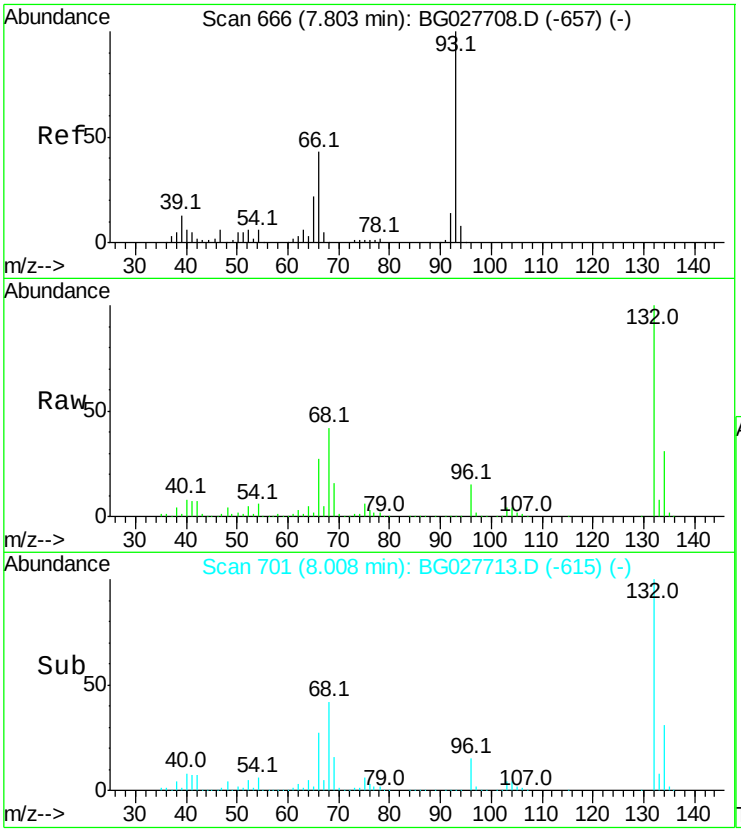


#5
2-Fluorophenol
Concen: 168.89 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion:112 Resp: 324712

Ion	Ratio	Lower	Upper
112	100		
64	71.6	61.8	92.6
63	36.1	37.2	55.8#



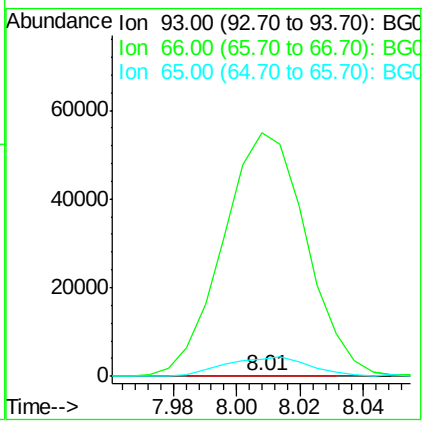


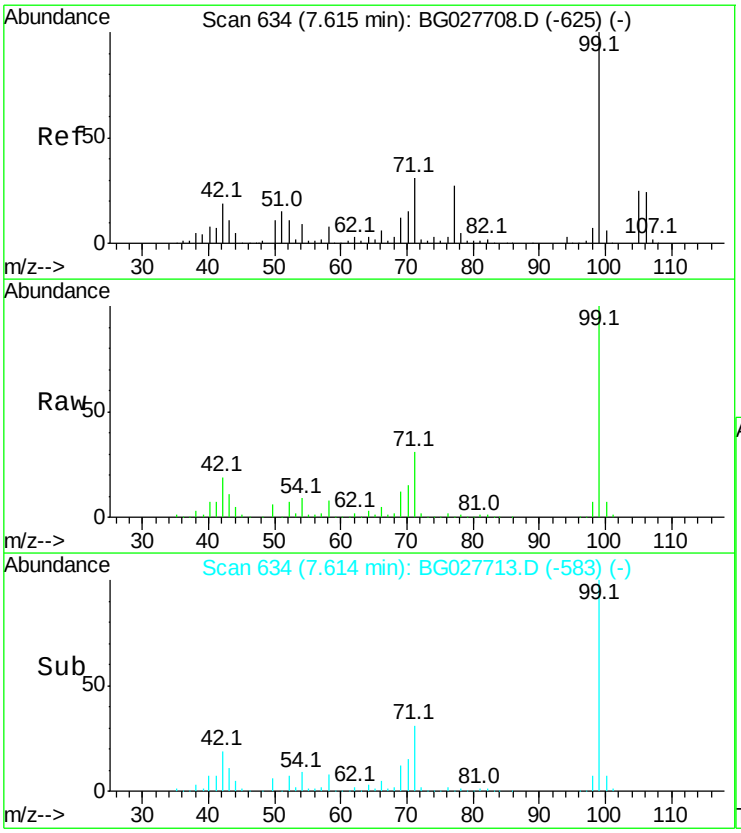
#6
Aniline
Concen: 0.10 ng
RT: 8.01 min Scan# 701
Delta R.T. 0.21 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 347

Ion	Ratio	Lower	Upper
93	100		
66	25192.7	35.4	53.2#
65	1765.6	21.2	31.8#

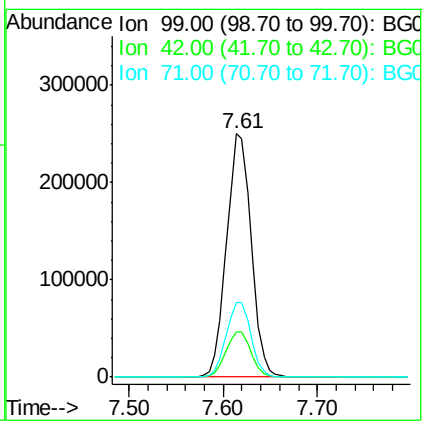


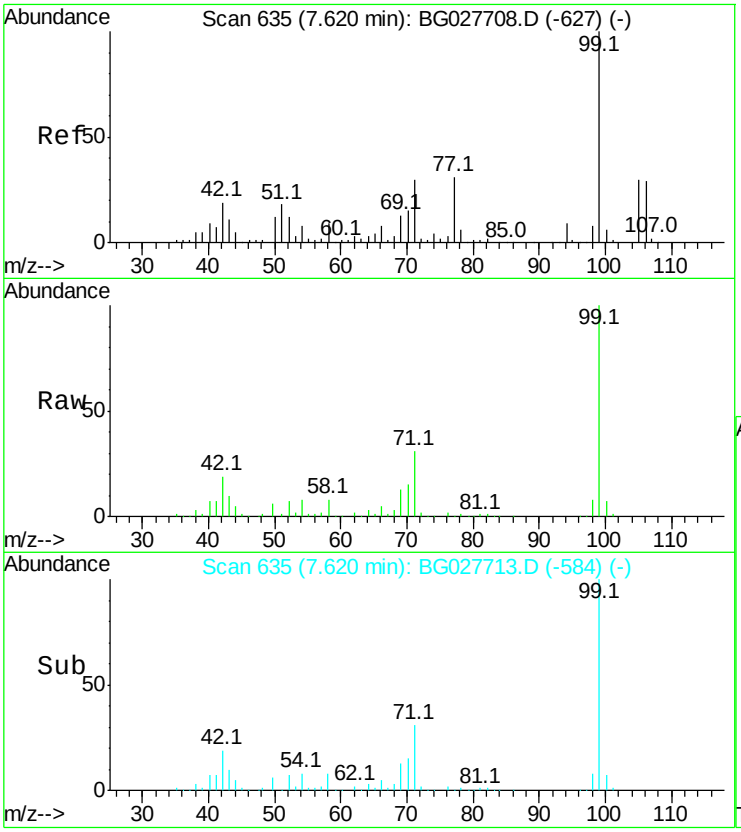


#7
Phenol-d6
Concen: 155.43 ng
RT: 7.61 min Scan# 634
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion: 99 Resp: 456523

Ion	Ratio	Lower	Upper
99	100		
42	18.6	20.5	30.7#
71	30.7	37.6	56.4#



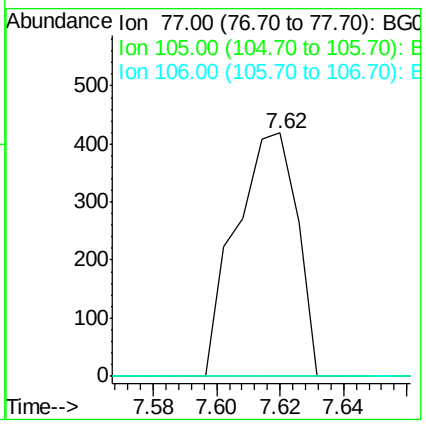


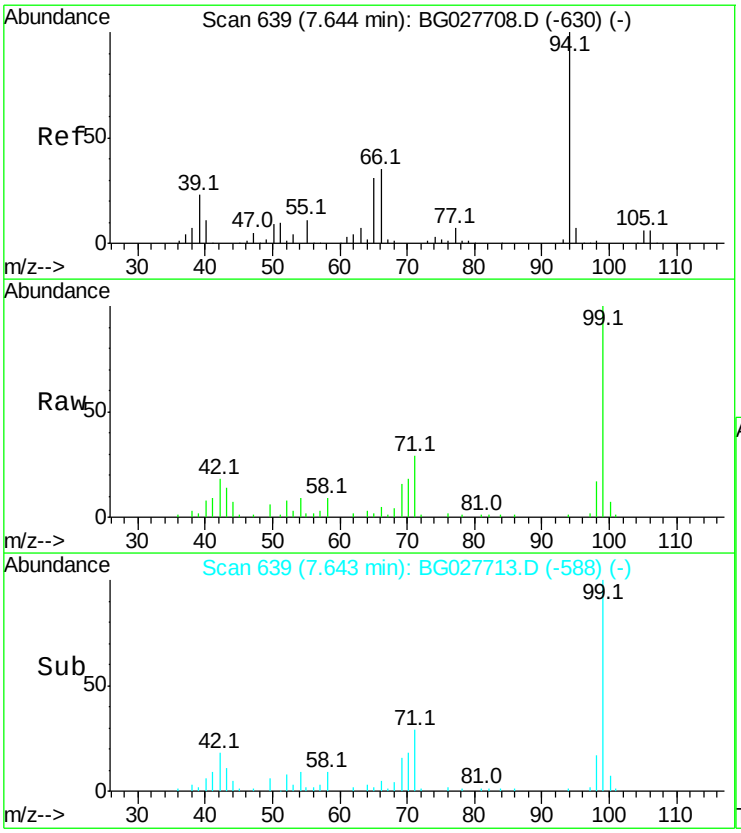
#9
Benzaldehyde
Concen: 0.32 ng
RT: 7.62 min Scan# 635
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 560

Ion	Ratio	Lower	Upper
77	100		
105	0.0	60.9	100.9#
106	0.0	55.1	95.1#

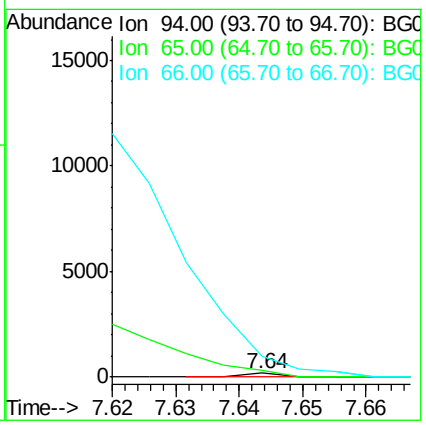


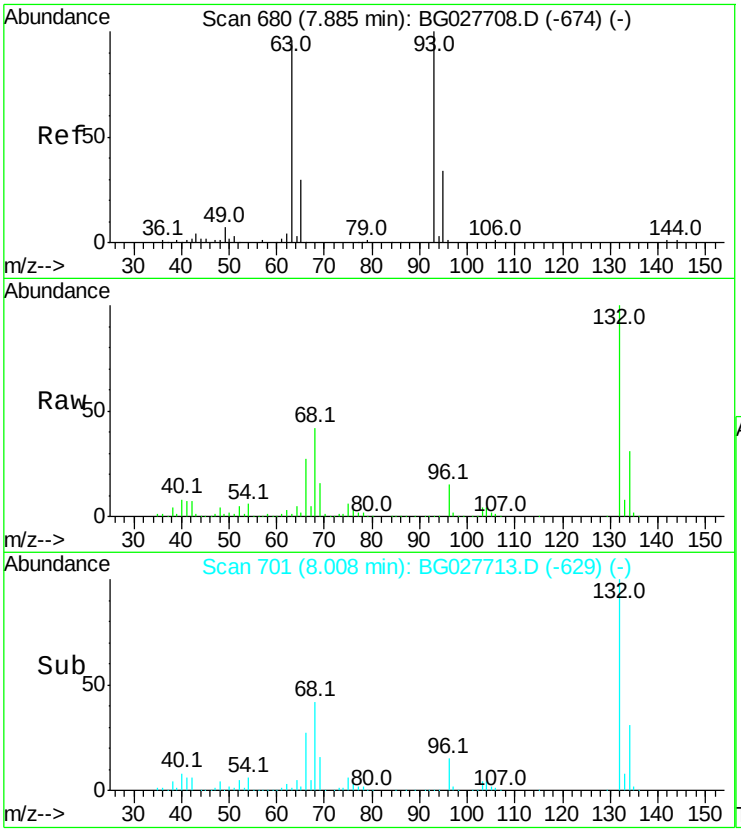


#10
Phenol
Concen: 0.02 ng
RT: 7.64 min Scan# 639
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion: 94 Resp: 69

Ion	Ratio	Lower	Upper
94	100		
65	163.6	20.6	60.6#
66	519.0	35.5	75.5#



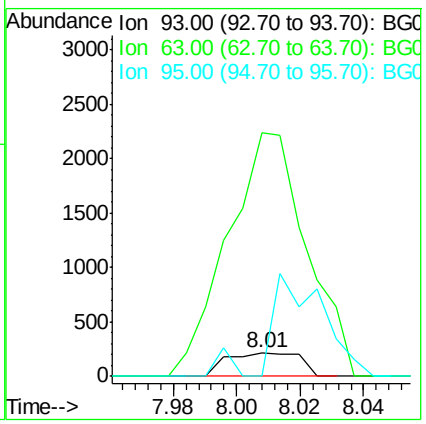


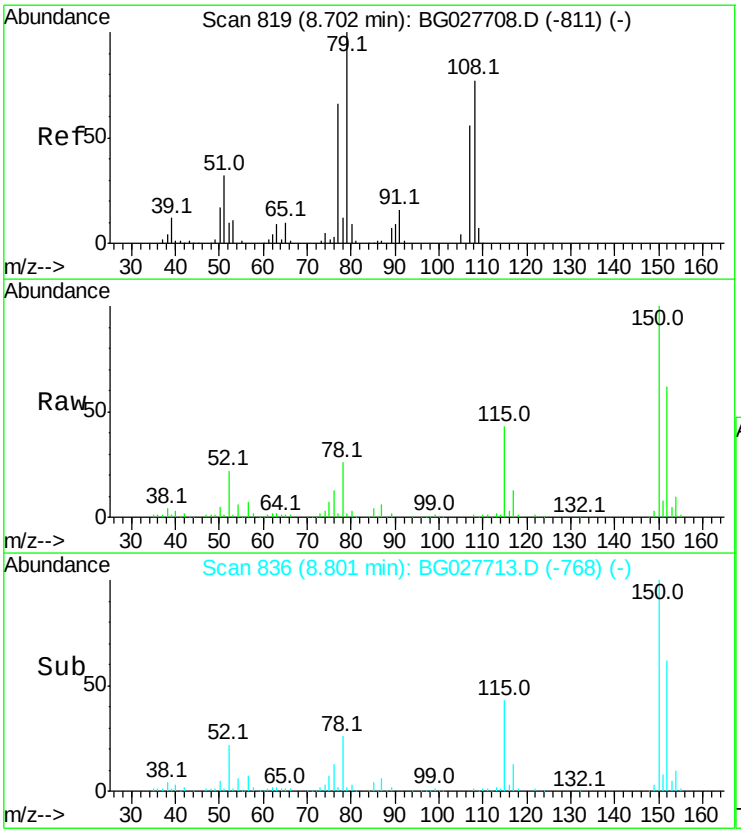
#11
bis(2-Chloroethyl)ether
Concen: 0.16 ng
RT: 8.01 min Scan# 701
Delta R.T. 0.12 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 347

Ion	Ratio	Lower	Upper
93	100		
63	1025.7	78.5	118.5#
95	0.0	9.8	49.8#

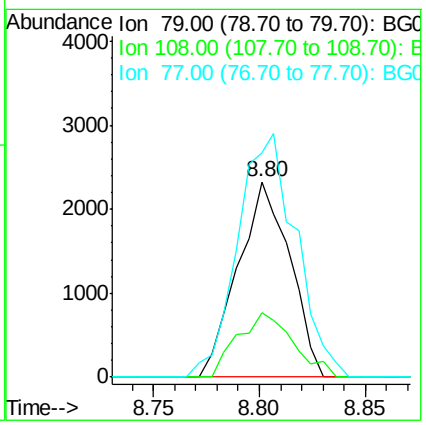


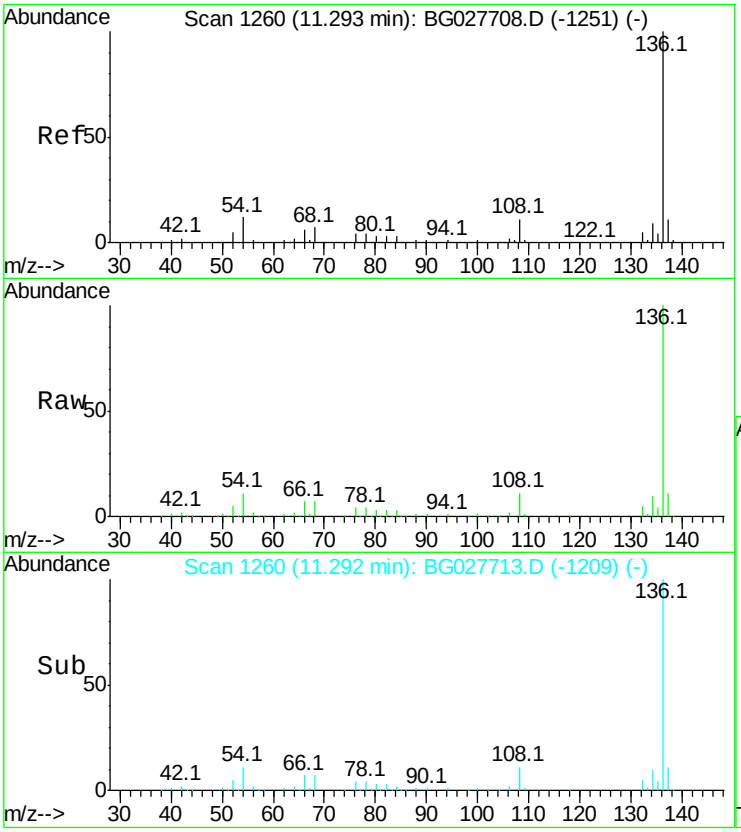


#15
Benzyl Alcohol
Concen: 1.95 ng
RT: 8.80 min Scan# 836
Delta R.T. 0.10 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion: 79 Resp: 3966

Ion	Ratio	Lower	Upper
79	100		
108	33.2	45.5	68.3#
77	114.8	54.3	81.5#



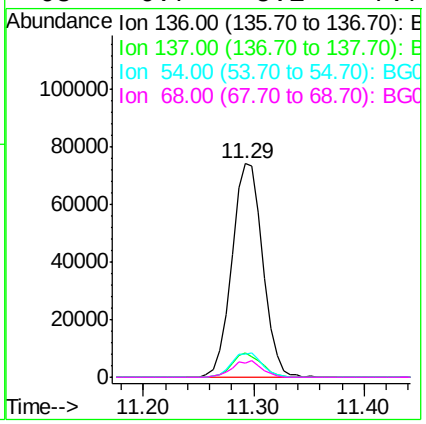


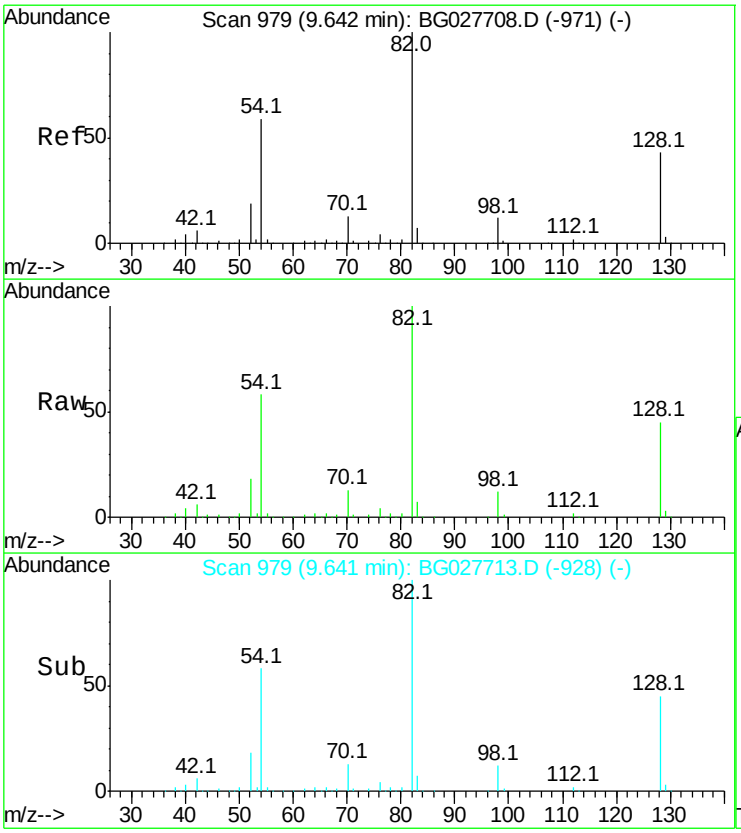
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.29 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 145251

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.8	9.3	13.9
68	6.7	5.1	7.7

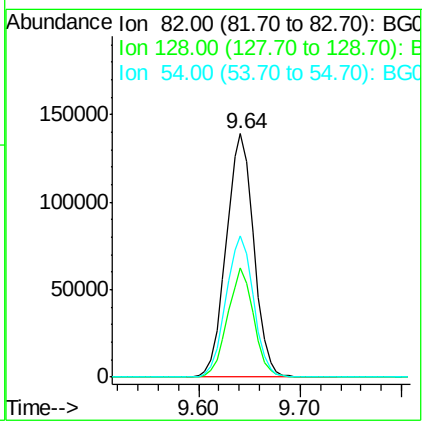


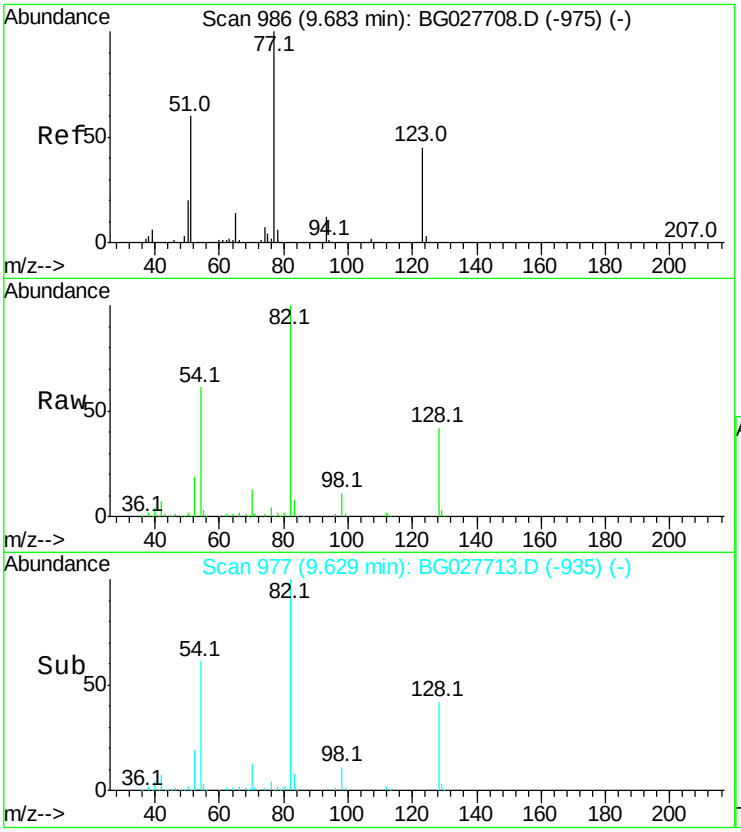


#23
Nitrobenzene-d5
Concen: 100.13 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion: 82 Resp: 260919

Ion	Ratio	Lower	Upper
82	100		
128	44.7	26.4	39.6#
54	57.8	49.4	74.2



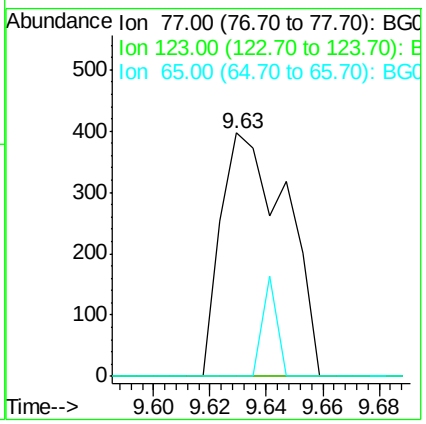


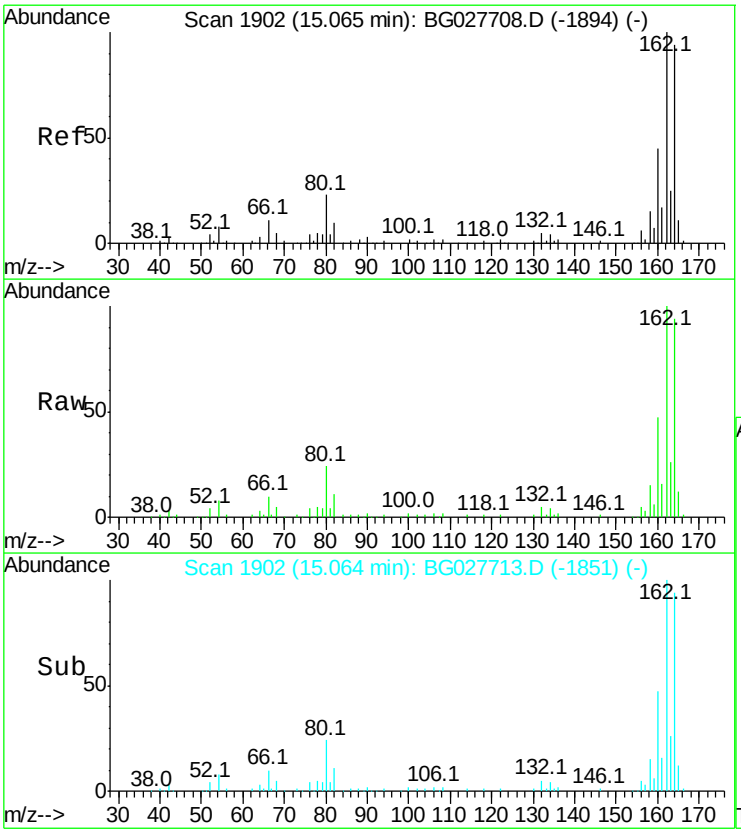
#24
Nitrobenzene
Concen: 0.23 ng
RT: 9.63 min Scan# 977
Delta R.T. -0.05 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 636

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

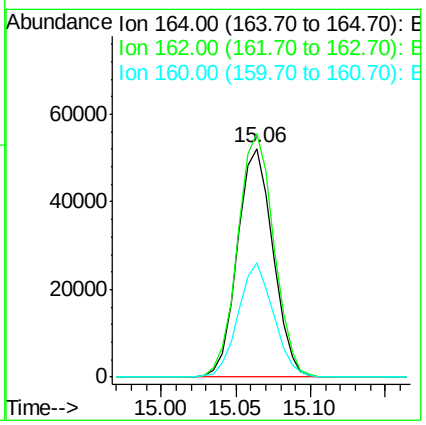


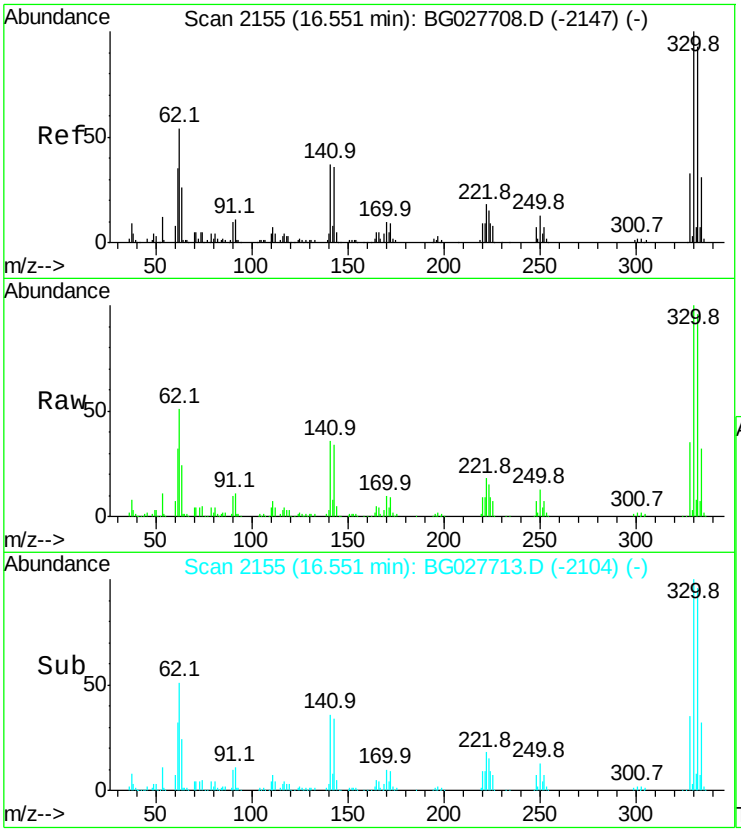


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion:164 Resp: 86203

Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.1	127.7
160	50.2	34.7	52.1



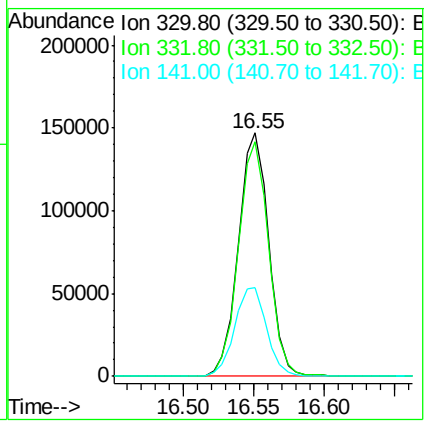


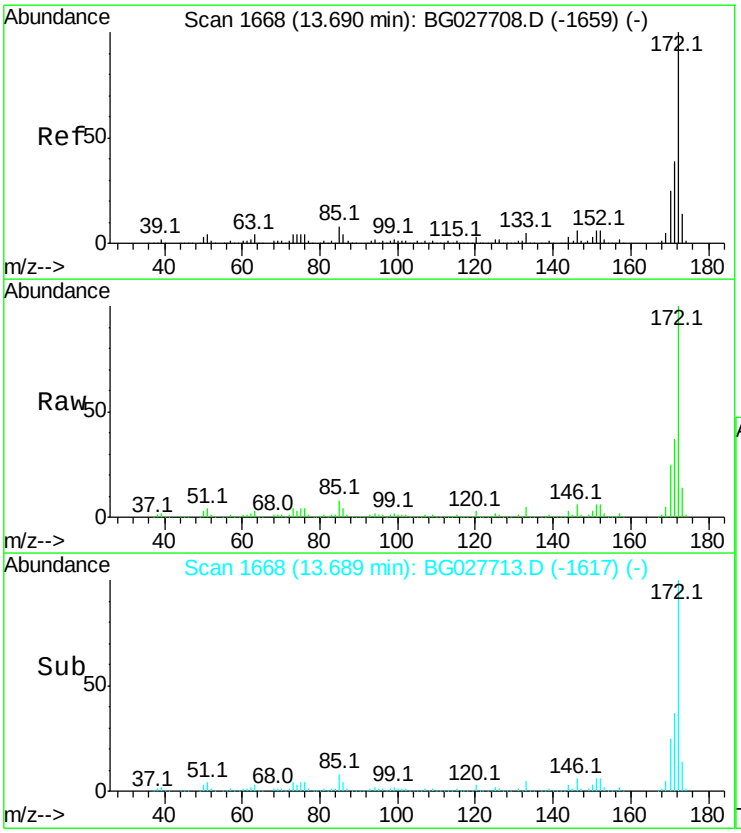
#41
2,4,6-Tribromophenol
Concen: 186.80 ng
RT: 16.55 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 220862

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	38.6	32.1	48.1

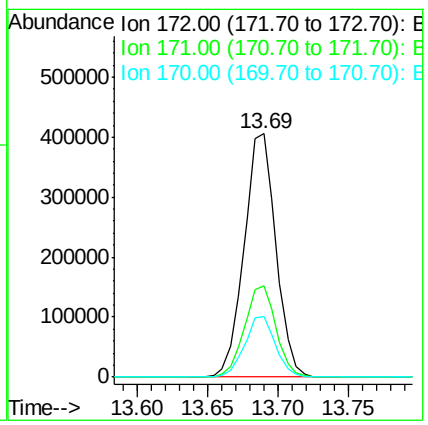


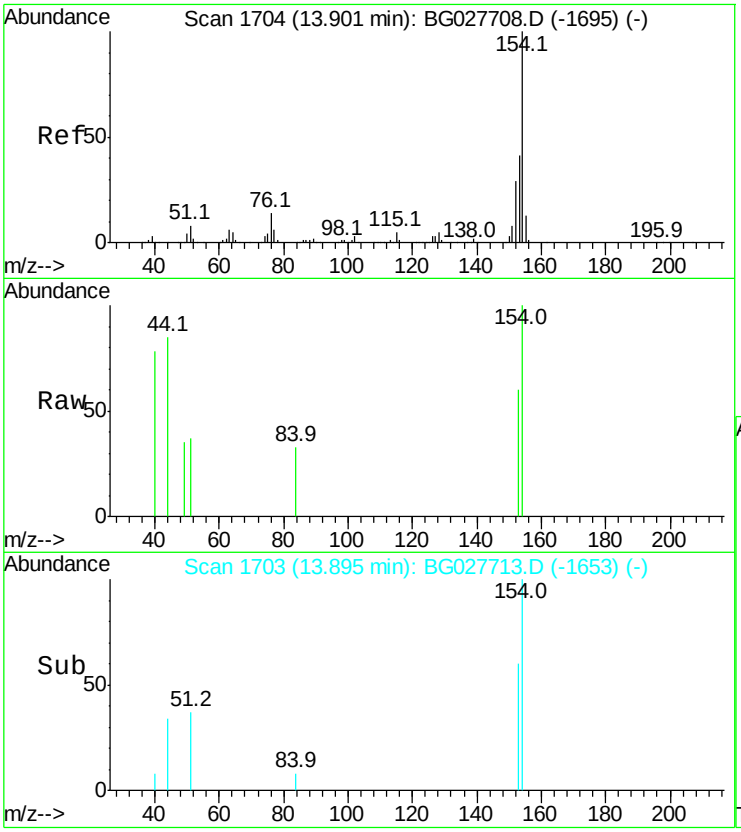


#44
2-Fluorobiphenyl
Concen: 105.94 ng
RT: 13.69 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion:172 Resp: 639449

Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	25.0	21.8	32.6



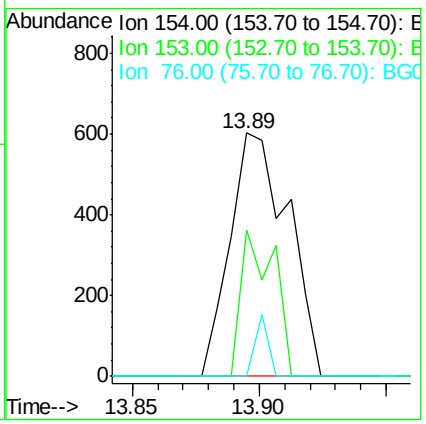


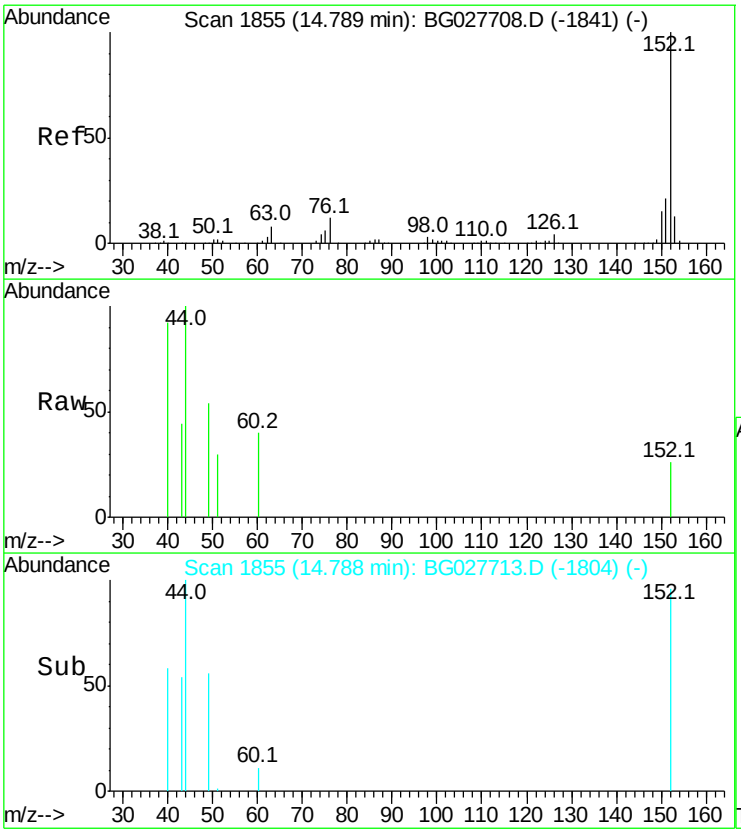
#45
1,1'-Biphenyl
Concen: 0.14 ng
RT: 13.89 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 964

Ion	Ratio	Lower	Upper
154	100		
153	60.0	23.0	63.0
76	0.0	0.0	33.5

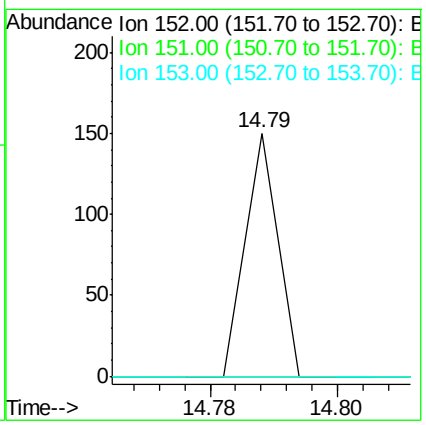


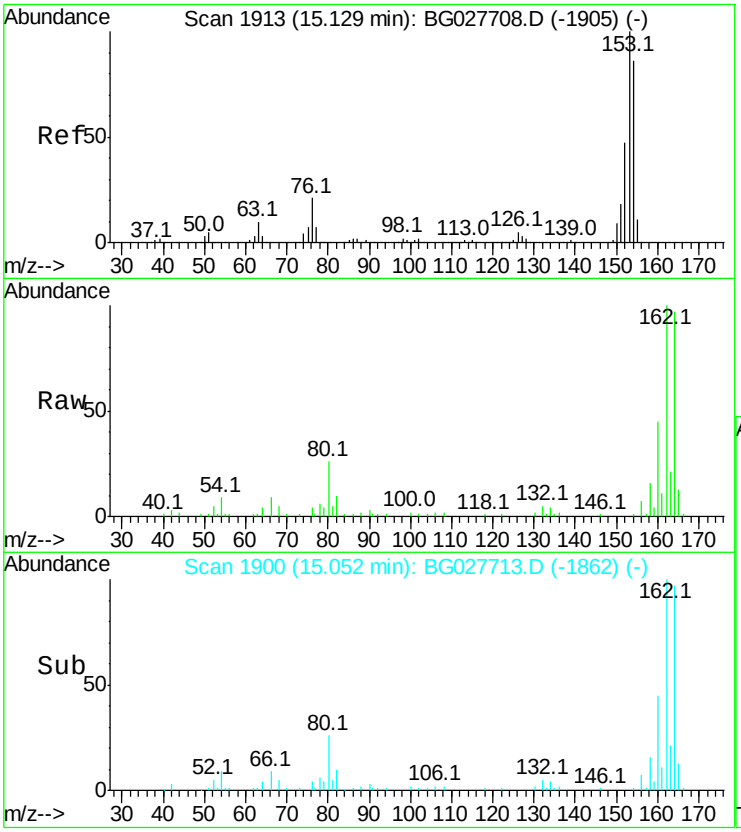


#48
Acenaphthylene
Concen: 0.01 ng
RT: 14.79 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion:152 Resp: 53

Ion	Ratio	Lower	Upper
152	100		
151	0.0	18.2	27.2#
153	0.0	11.3	16.9#



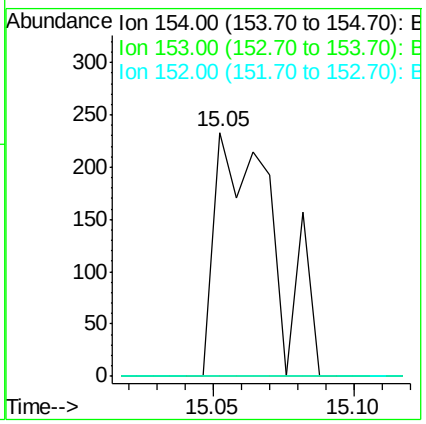


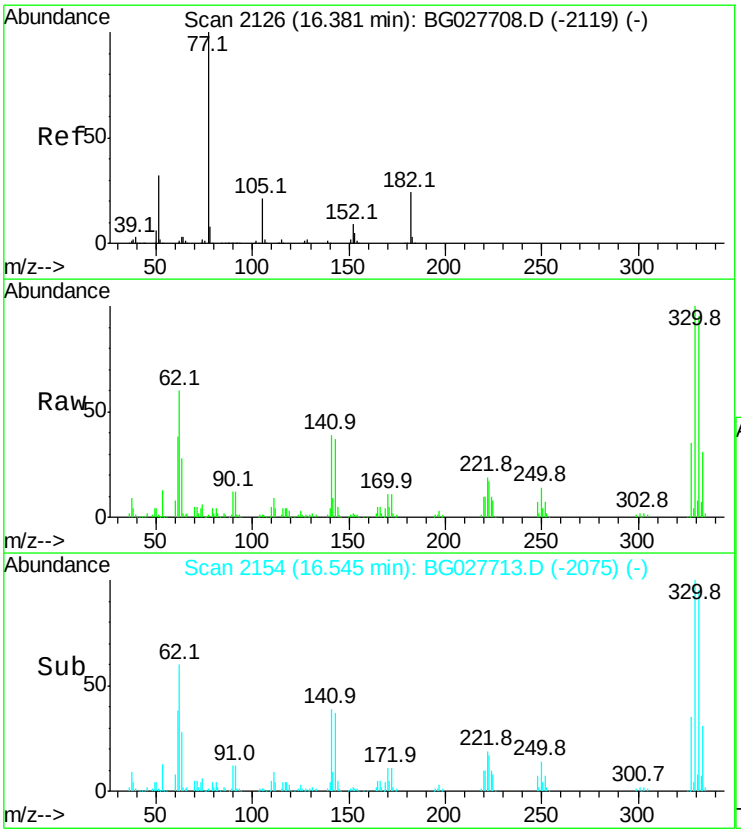
#51
Acenaphthene
Concen: 0.06 ng
RT: 15.05 min Scan# 1900
Delta R.T. -0.08 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 341

Ion	Ratio	Lower	Upper
154	100		
153	0.0	87.8	131.6#
152	0.0	42.2	63.4#

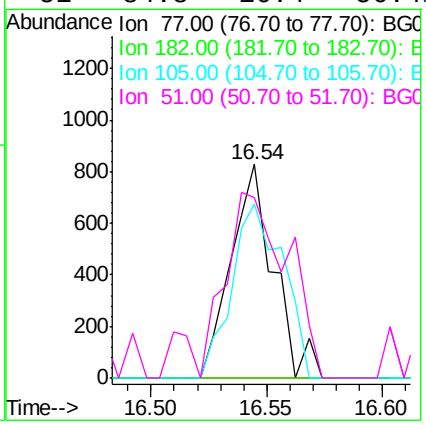


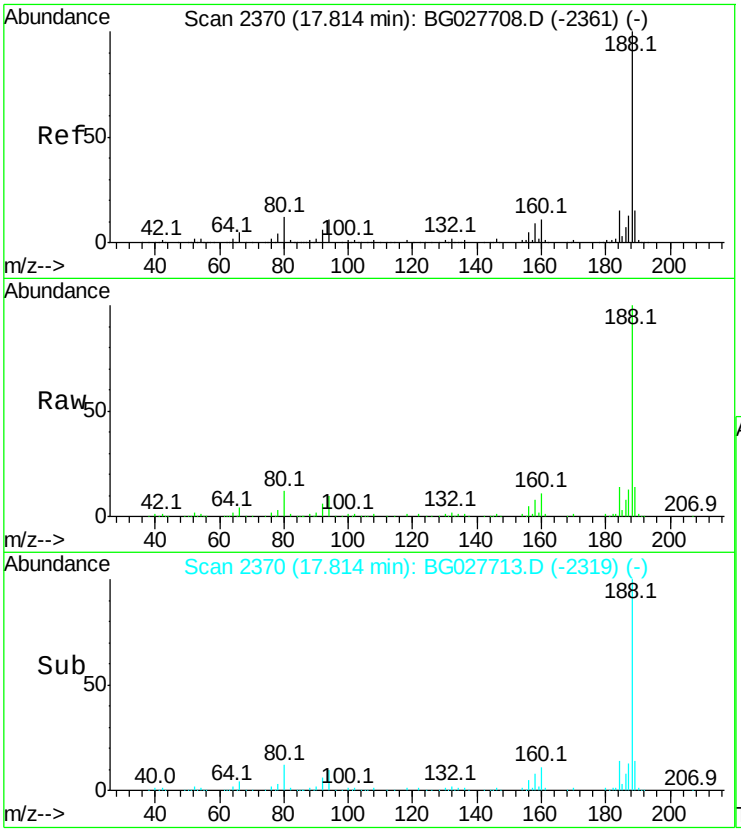


#62
Azobenzene
Concen: 0.15 ng
RT: 16.54 min Scan# 2154
Delta R.T. 0.16 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion: 77 Resp: 1058

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.7	44.7#
105	81.8	0.0	36.3#
51	84.8	16.4	56.4#



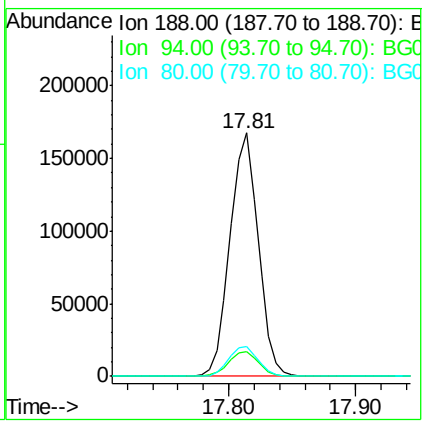


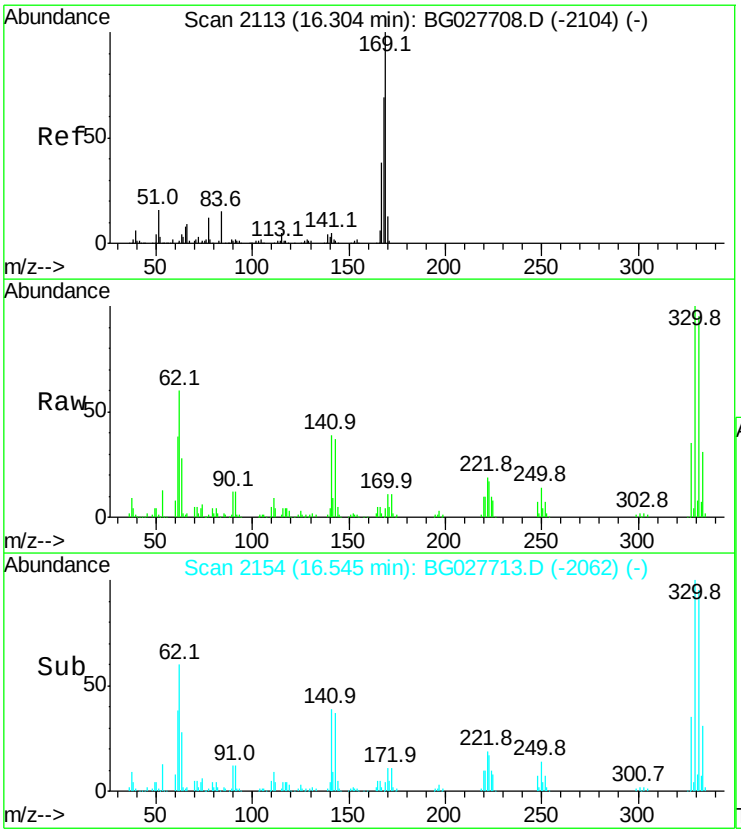
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 257736

Ion	Ratio	Lower	Upper
188	100		
94	10.3	5.8	8.8#
80	12.4	7.5	11.3#

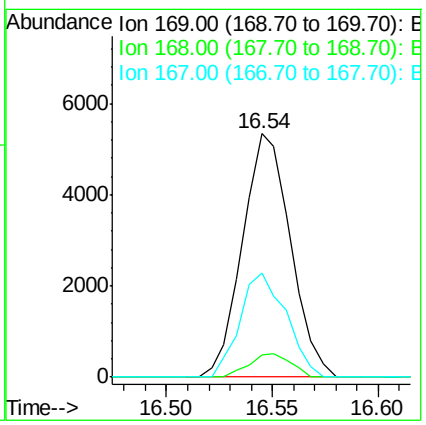


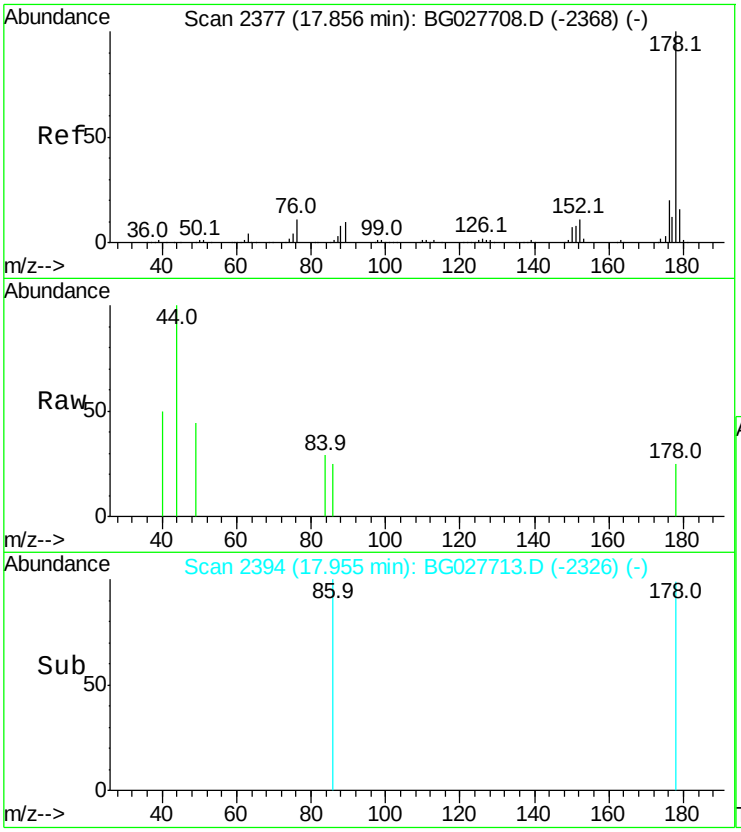


#65
n-Nitrosodiphenylamine
Concen: 1.00 ng
RT: 16.54 min Scan# 2154
Delta R.T. 0.24 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion:169 Resp: 8421

Ion	Ratio	Lower	Upper
169	100		
168	8.9	55.7	83.5#
167	42.9	29.8	44.6



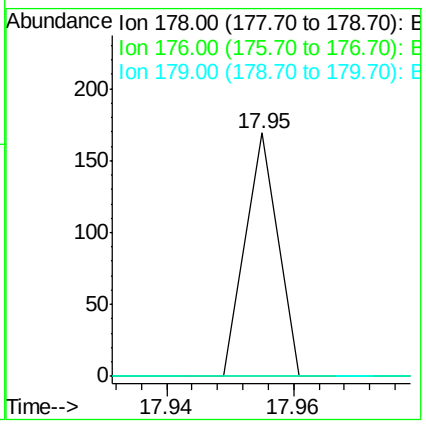


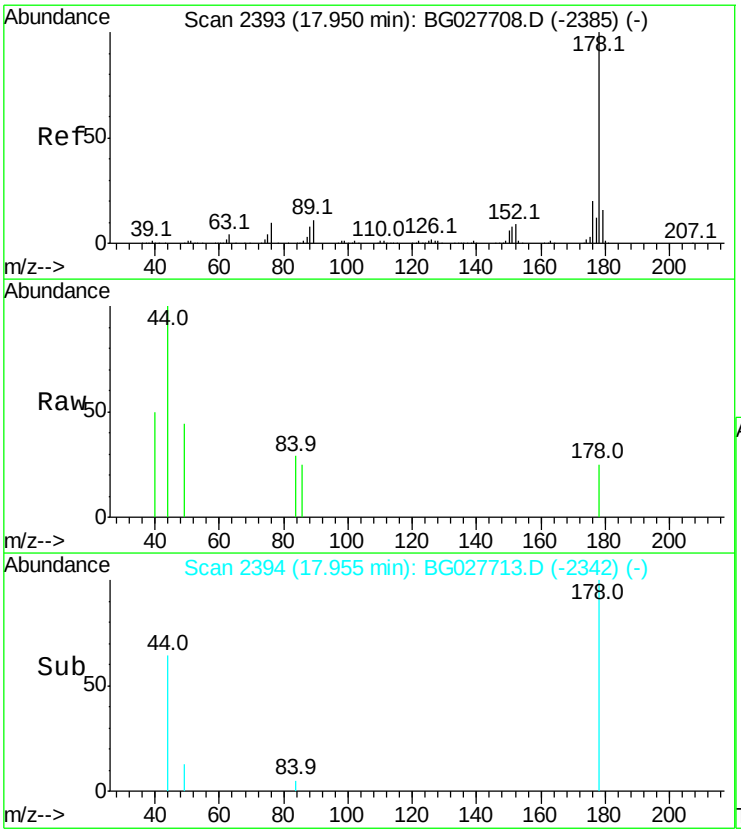
#70
Phenanthrene
Concen: 0.00 ng
RT: 17.95 min Scan# 2394
Delta R.T. 0.10 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 60

Ion	Ratio	Lower	Upper
178	100		
176	0.0	17.7	26.5#
179	0.0	15.0	22.6#

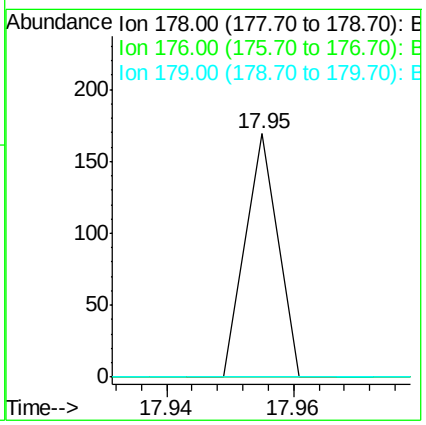


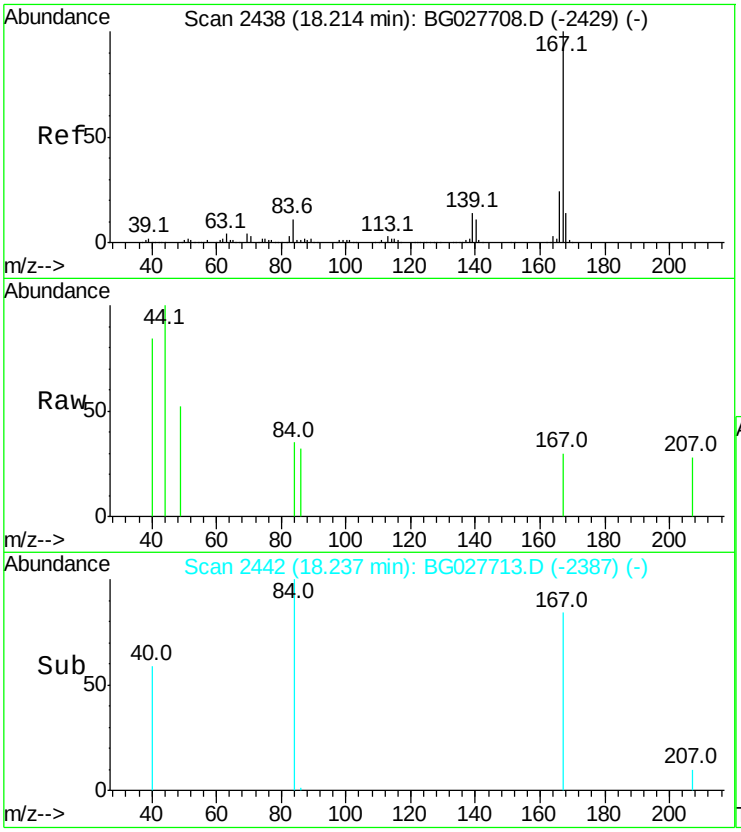


#71
Anthracene
Concen: 0.00 ng
RT: 17.95 min Scan# 2394
Delta R.T. 0.01 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion:178 Resp: 60

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.4	24.6#
179	0.0	13.8	20.8#



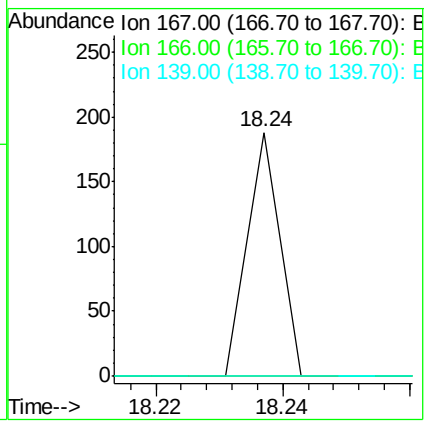


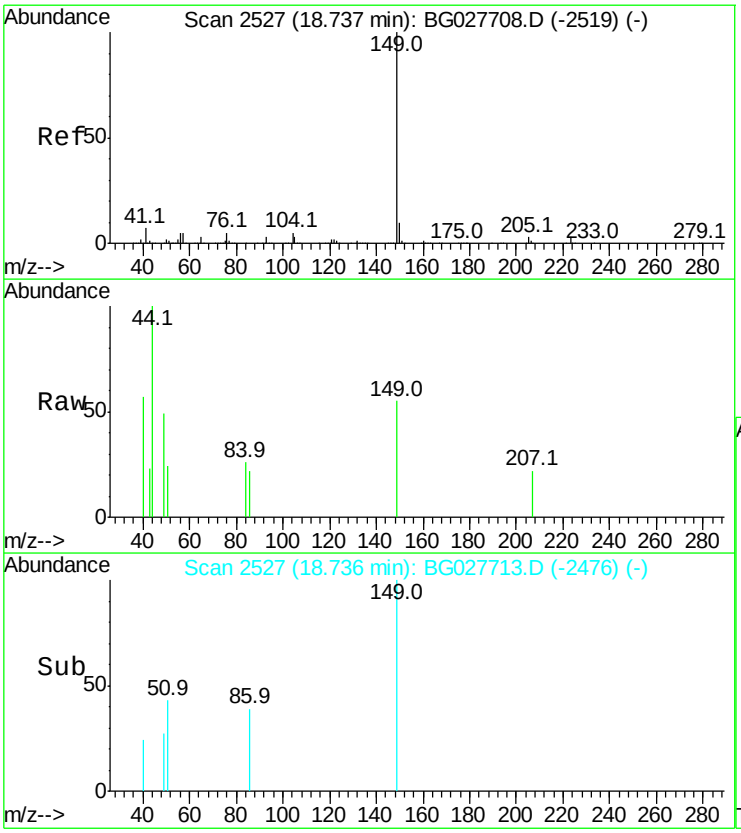
#72
Carbazole
Concen: 0.00 ng
RT: 18.24 min Scan# 2442
Delta R.T. 0.02 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 66

Ion	Ratio	Lower	Upper
167	100		
166	0.0	20.2	30.2#
139	0.0	12.8	19.2#

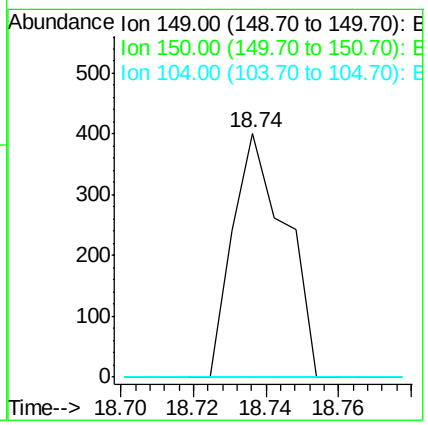


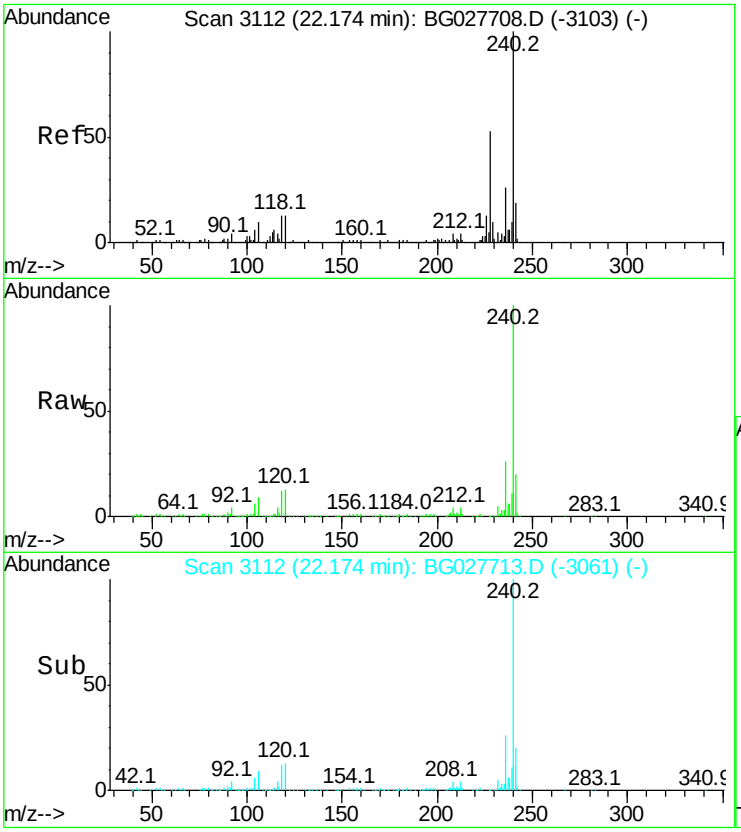


#73
Di-n-butylphthalate
Concen: 0.02 ng
RT: 18.74 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion:149 Resp: 404

Ion	Ratio	Lower	Upper
149	100		
150	0.0	9.1	13.7#
104	0.0	6.7	10.1#



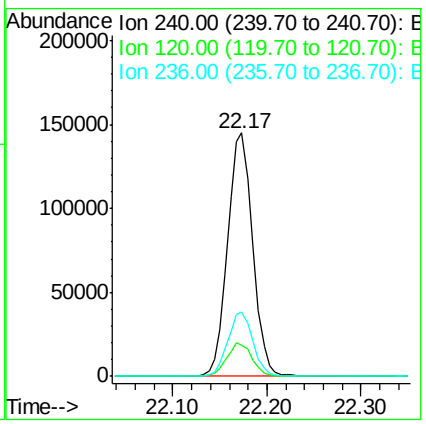


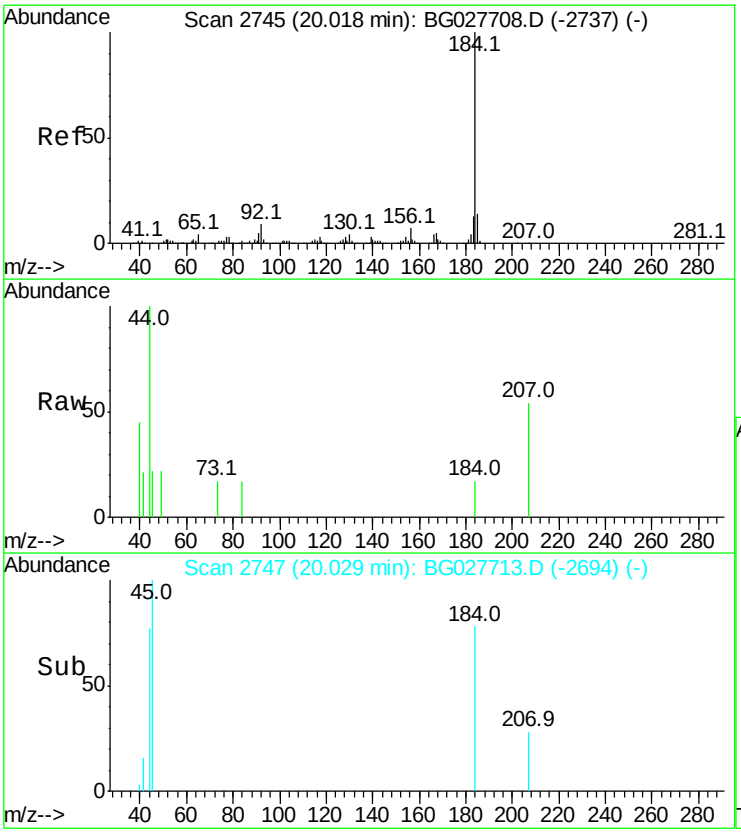
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 268268

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.7	8.5#
236	26.5	22.2	33.4

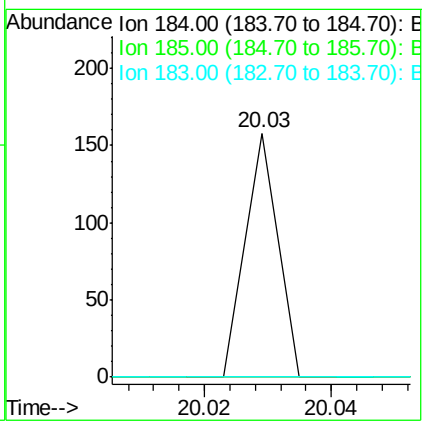


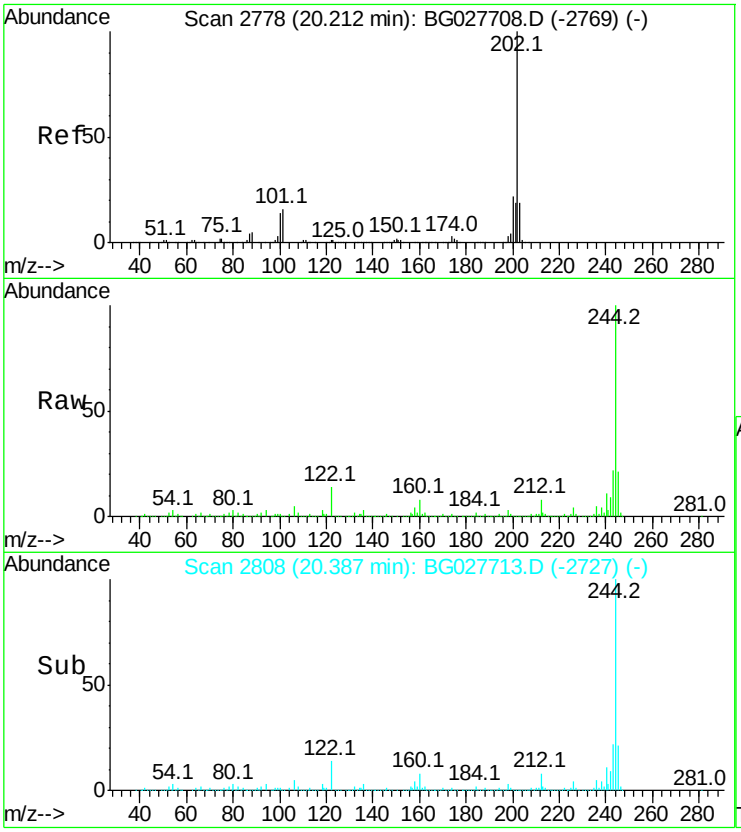


#76
Benzidine
Concen: 3.23 ng
RT: 20.03 min Scan# 2747
Delta R.T. 0.01 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion:184 Resp: 56

Ion	Ratio	Lower	Upper
184	100		
185	0.0	13.0	19.6#
183	0.0	11.0	16.6#



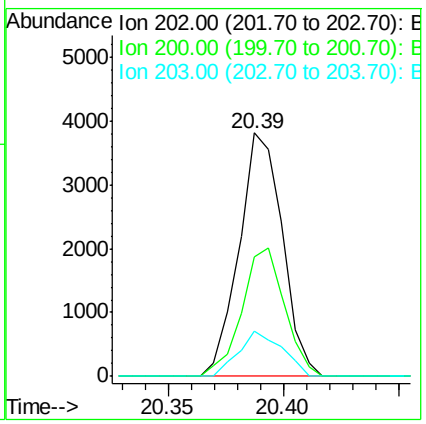


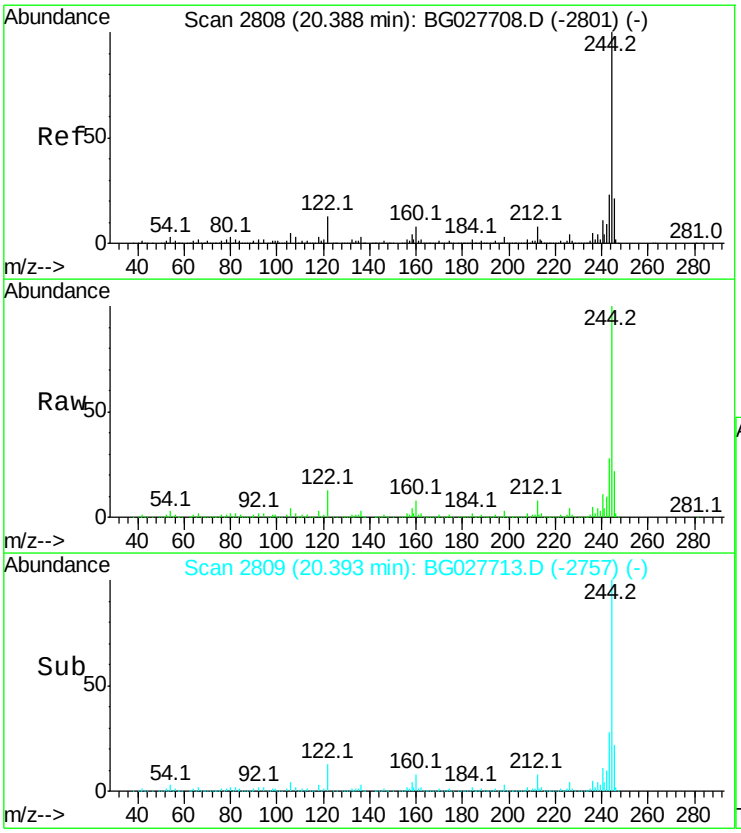
#77
Pyrene
Concen: 0.30 ng
RT: 20.39 min Scan# 2808
Delta R.T. 0.18 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 4985

Ion	Ratio	Lower	Upper
202	100		
200	49.0	19.6	29.4#
203	18.5	15.8	23.8

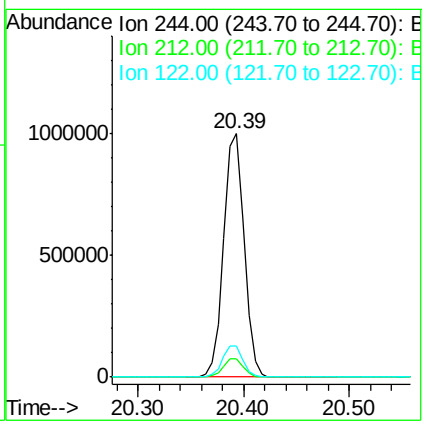


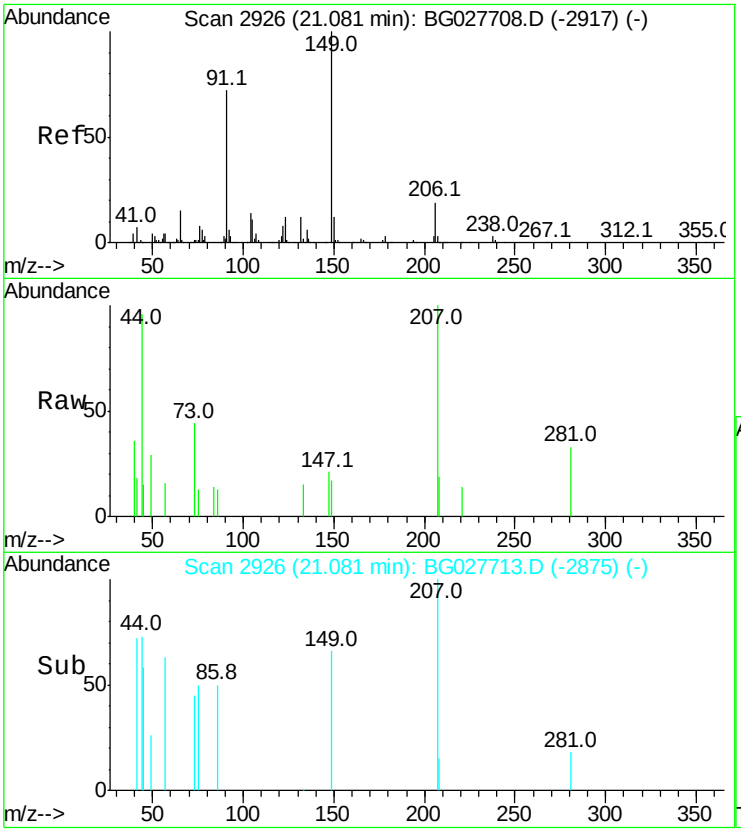


#78
Terphenyl-d14
Concen: 117.12 ng
RT: 20.39 min Scan# 2809
Delta R.T. 0.01 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion:244 Resp: 1340257

Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	12.6	8.6	12.8



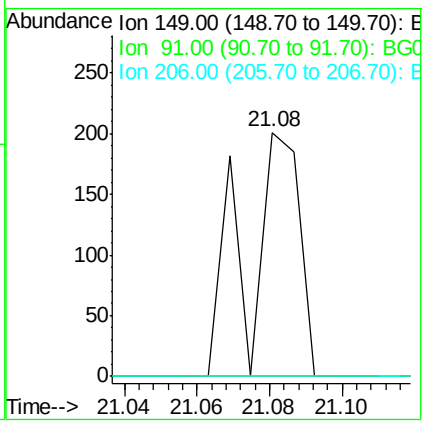


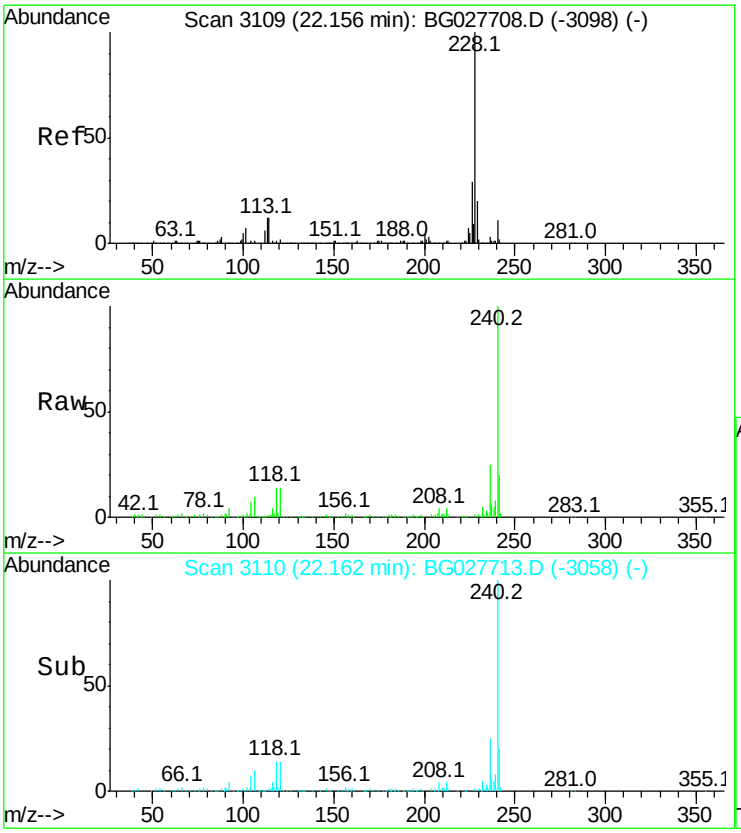
#79
Butylbenzylphthalate
Concen: 0.03 ng
RT: 21.08 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 200

Ion	Ratio	Lower	Upper
149	100		
91	0.0	63.5	95.3#
206	0.0	21.0	31.6#

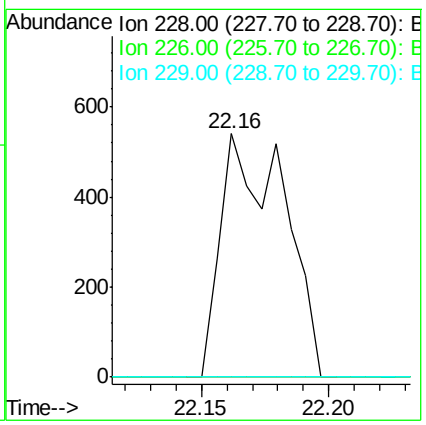


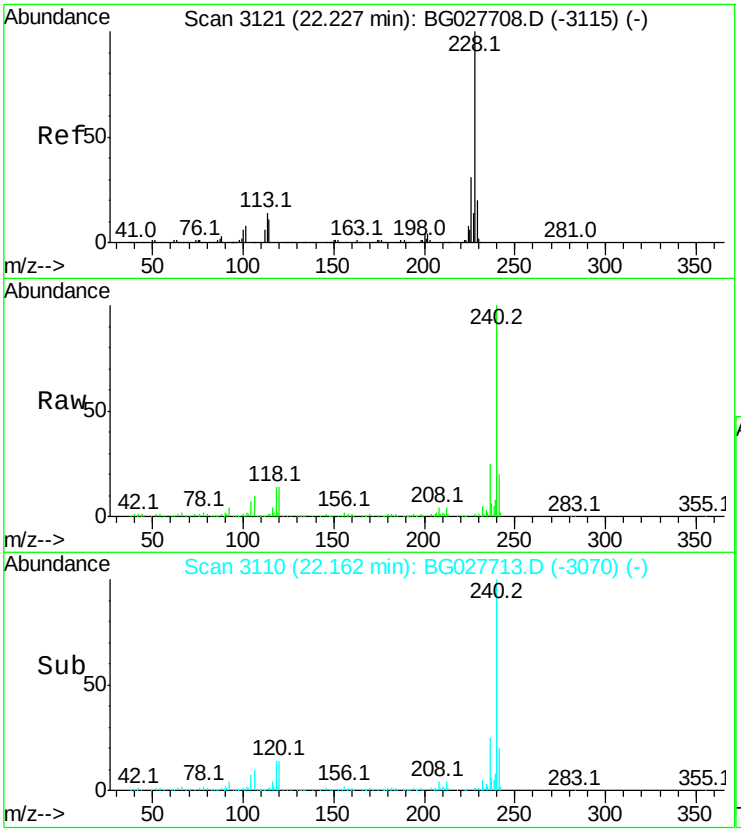


#80
Benzo(a)anthracene
Concen: 0.06 ng
RT: 22.16 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion:228 Resp: 943

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	18.2	27.2#



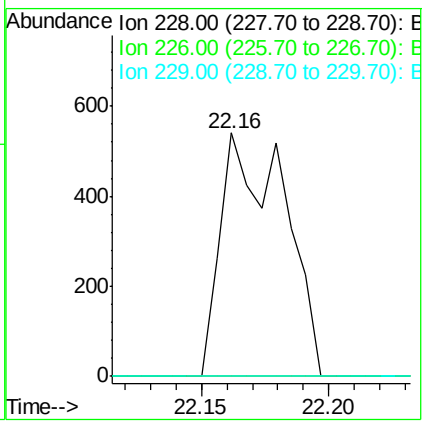


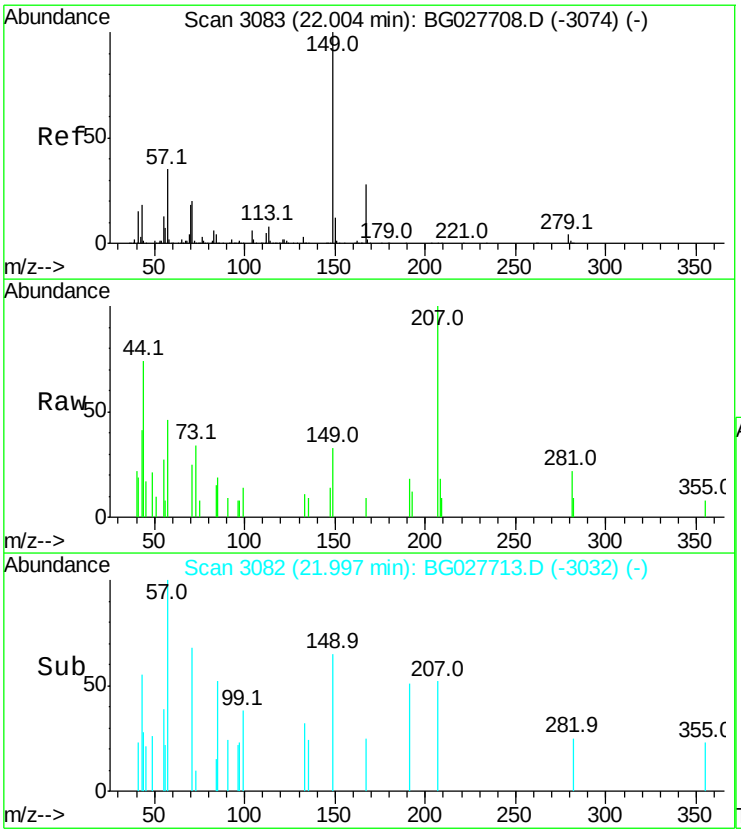
#82
Chrysene
Concen: 0.06 ng
RT: 22.16 min Scan# 3110
Delta R.T. -0.07 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 943

Ion	Ratio	Lower	Upper
228	100		
226	0.0	27.0	40.4#
229	0.0	17.8	26.6#

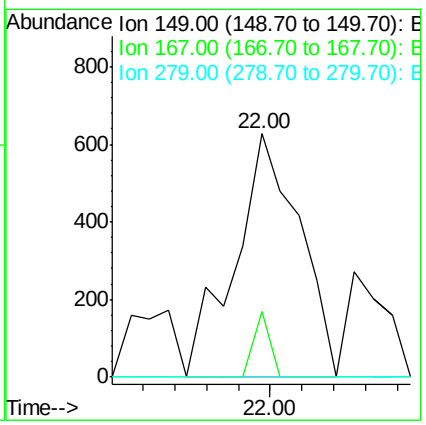


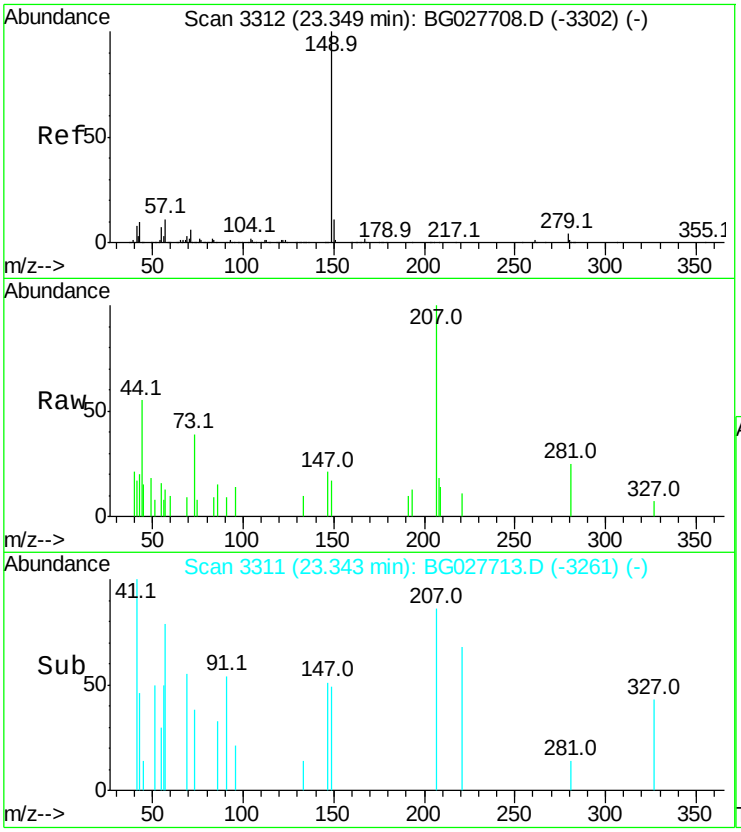


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 22.00 min Scan# 3082
Delta R.T. -0.01 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion:149 Resp: 890

Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.7	35.5
279	0.0	4.6	6.8#



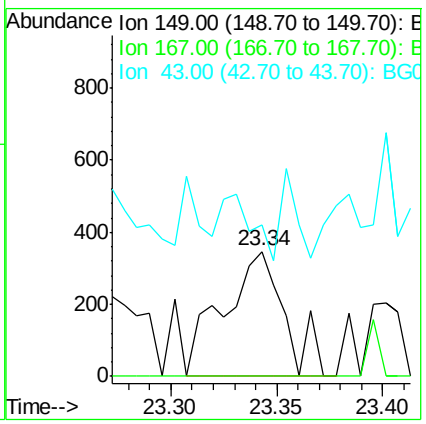


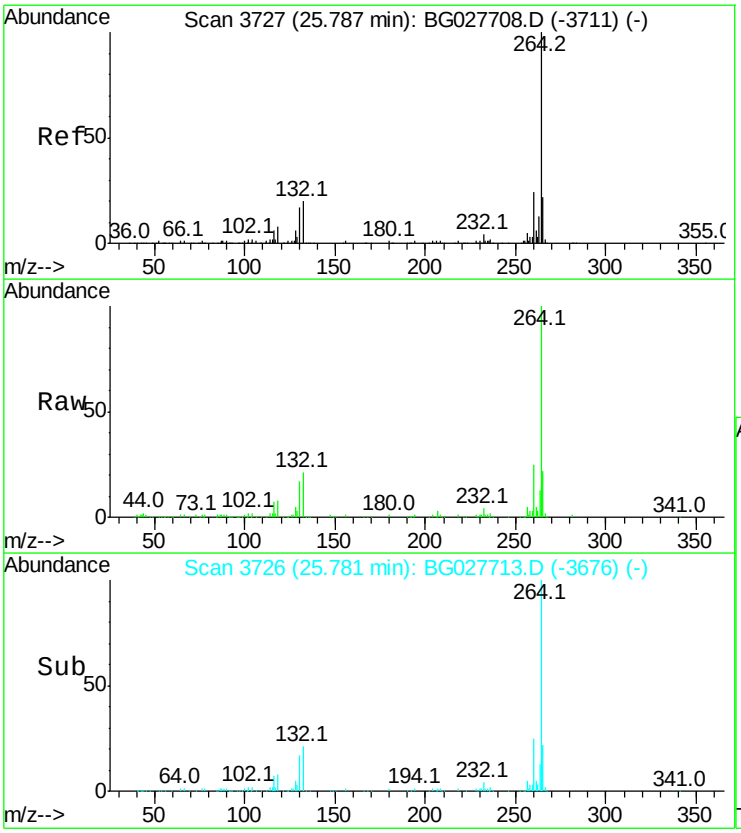
#84
Di-n-octyl phthalate
Concen: 0.04 ng
RT: 23.34 min Scan# 3311
Delta R.T. -0.01 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 700

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.2#
43	18.0	11.8	17.6#

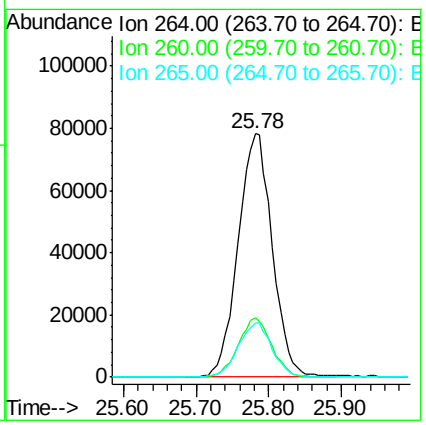


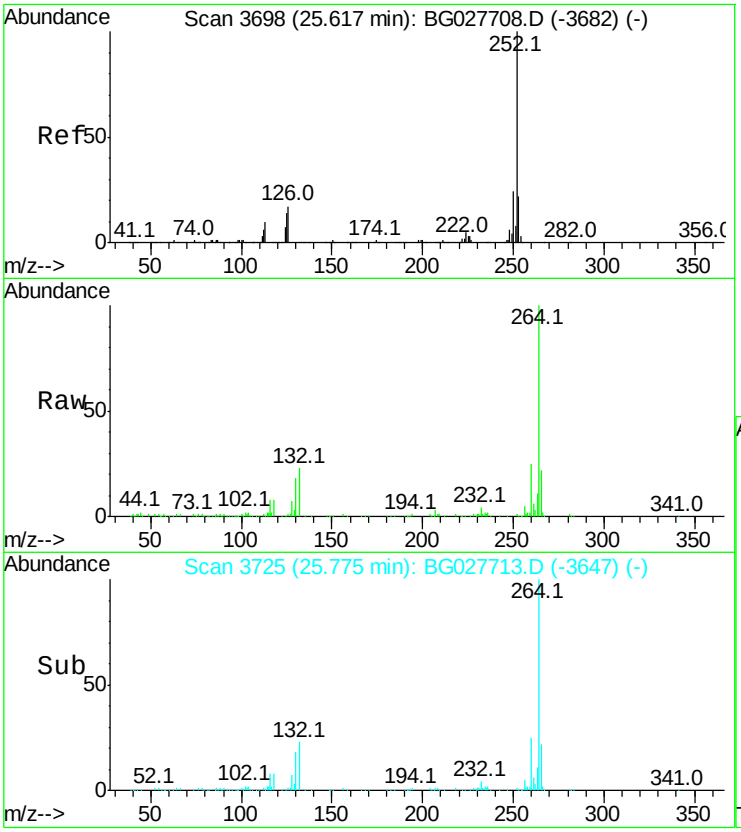


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.78 min Scan# 3726
Delta R.T. -0.01 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Tgt Ion:264 Resp: 256084

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.8	32.8
265	22.2	18.2	27.4





#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 25.78 min Scan# 3725
Delta R.T. 0.16 min
Lab File: BG027713.D
Acq: 28 Jun 2017 17:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 922

Ion	Ratio	Lower	Upper
252	100		
253	40.4	19.2	28.8#
125	0.0	5.4	8.0#