Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG060517\
Data File : BG027214.D
Acq On : 5 Jun 2017 15:57
Operator : SJ/MA
Sample : PB99411BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 05 19:01:45 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	48687	20.00	ng	0.00
21) Naphthalene-d8	11.40	136	217046	20.00	ng	0.00
38) Acenaphthene-d10	15.16	164	140758	20.00	ng	0.00
63) Phenanthrene-d10	17.91	188	362979	20.00	ng	0.00
75) Chrysene-d12	22.30	240	421324	20.00	ng	0.00
86) Perylene-d12	26.01	264	396695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	491372	154.01	ng	0.00
7) Phenol-d6	7.71	99	668893	142.82	ng	0.00
23) Nitrobenzene-d5	9.74	82	333433	96.61	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	285371	153.96	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	945428	93.96	ng	0.00
78) Terphenyl-d14	20.49	244	1594521	96.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	4.01	88	55	0.042	ng	# 1
4) n-Nitrosodimethylamine	4.45	42	54	0.036	ng	# 1
6) Aniline	7.91	93	56	0.009	ng	# 38
9) Benzaldehyde	7.71	77	1141	0.352	ng	# 10
10) Phenol	7.73	94	200	0.042	ng	# 1
11) bis(2-Chloroethyl)ether	7.91	93	56	0.014	ng	# 11
15) Benzyl Alcohol	8.90	79	6193	1.877	ng	# 49
24) Nitrobenzene	9.74	77	1046	0.266	ng	# 35
45) 1,1'-Biphenyl	14.00	154	1102	0.096	ng	75
51) Acenaphthene	15.16	154	342	0.036	ng	# 6
59) Diethylphthalate	15.94	149	57	0.005	ng	# 56
62) Azobenzene	16.64	77	1575	0.153	ng	# 22
65) n-Nitrosodiphenylamine	16.64	169	9489	0.834	ng	# 42
70) Phenanthrene	17.92	178	408	0.020	ng	# 25
71) Anthracene	18.09	178	73	0.004	ng	# 58
73) Di-n-butylphthalate	18.84	149	888	0.047	ng	# 73
76) Benzidine	20.11	184	1218	0.096	ng	# 94
77) Pyrene	20.49	202	5853	0.230	ng	# 75
79) Butylbenzylphthalate	21.20	149	77	0.009	ng	# 39
80) Benzo(a)anthracene	22.31	228	1091	0.045	ng	# 47
81) 3,3'-Dichlorobenzidine	22.15	252	241	0.026	ng	# 24
82) Chrysene	22.31	228	1091	0.047	ng	# 46
83) Bis(2-ethylhexyl)phthalate	22.15	149	1008	0.074	ng	# 84
84) Di-n-octyl phthalate	23.54	149	528	0.023	ng	# 62
87) Benzo(b)fluoranthene	24.81	252	58	0.002	ng	# 1
88) Benzo(k)fluoranthene	24.90	252	156	0.006	ng	# 1
89) Benzo(a)pyrene	25.88	252	815	0.035	ng	# 1

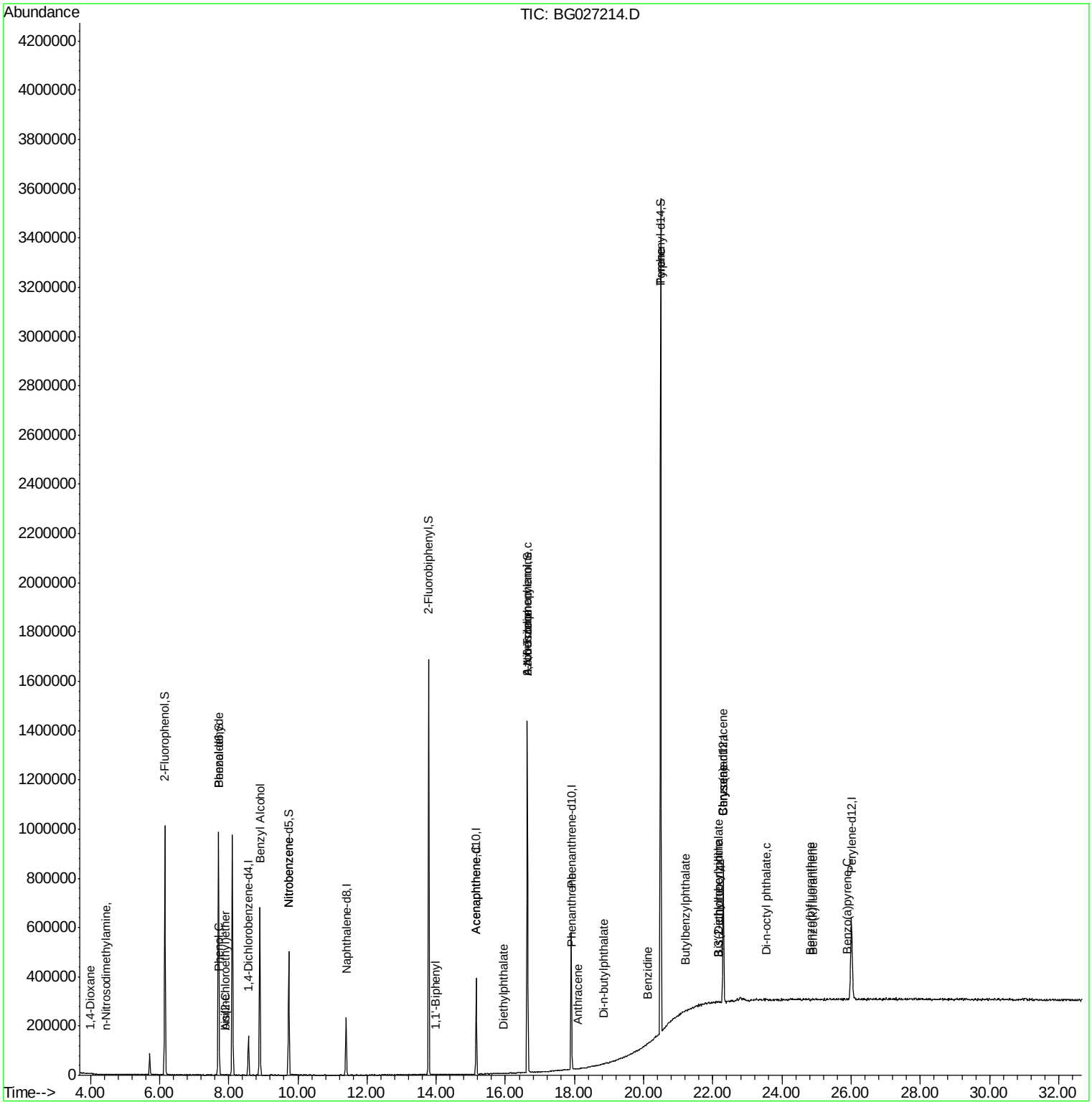
(#) = qualifier out of range (m) = manual integration (+) = signals summed

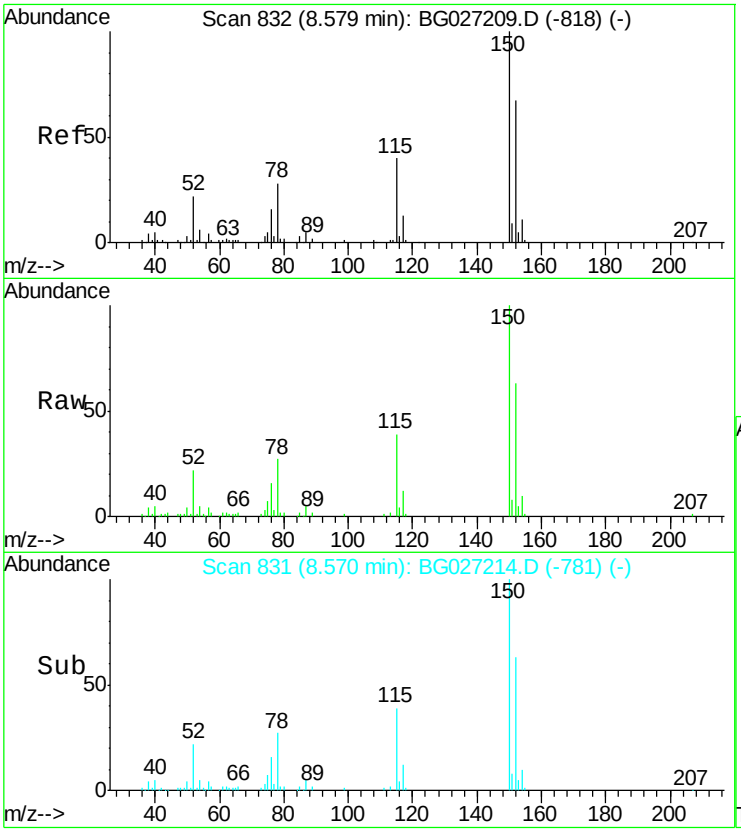
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG060517\
Data File : BG027214.D
Acq On : 5 Jun 2017 15:57
Operator : SJ/MA
Sample : PB99411BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 05 19:01:45 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



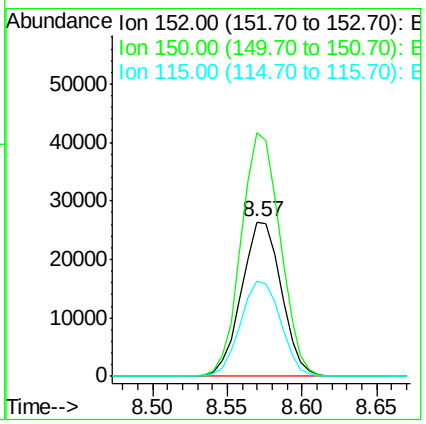


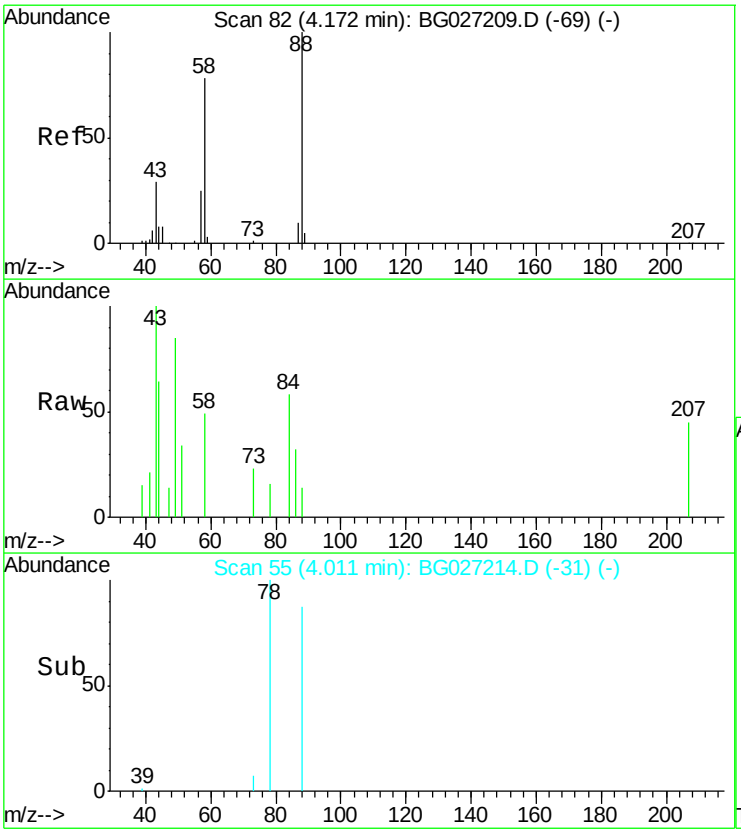
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.57 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 48687

Ion	Ratio	Lower	Upper
152	100		
150	157.5	114.0	171.0
115	61.9	48.1	72.1

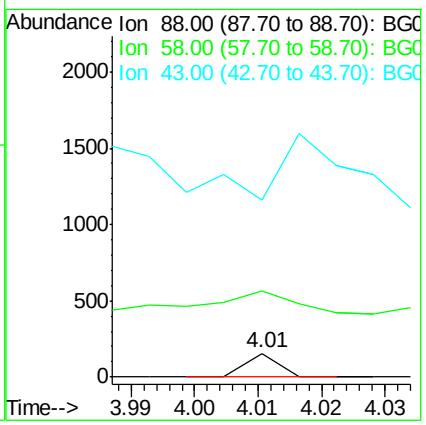


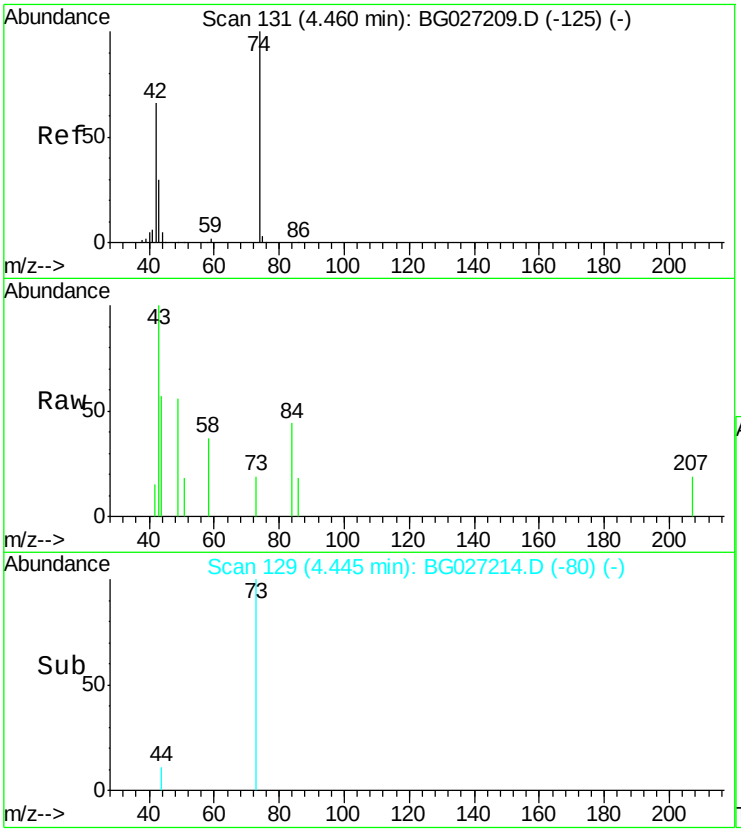


#2
1,4-Dioxane
Concen: 0.042 ng
RT: 4.01 min Scan# 55
Delta R.T. -0.16 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion: 88 Resp: 55

Ion	Ratio	Lower	Upper
88	100		
58	201.8	79.4	119.2#
43	625.5	33.8	50.6#

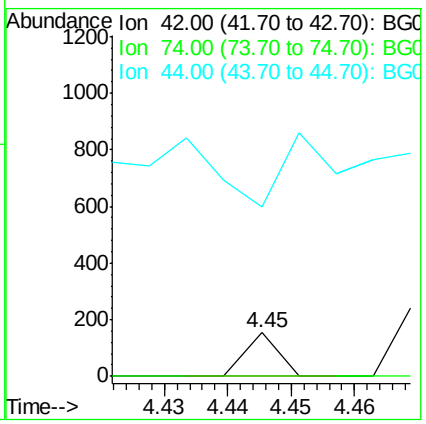




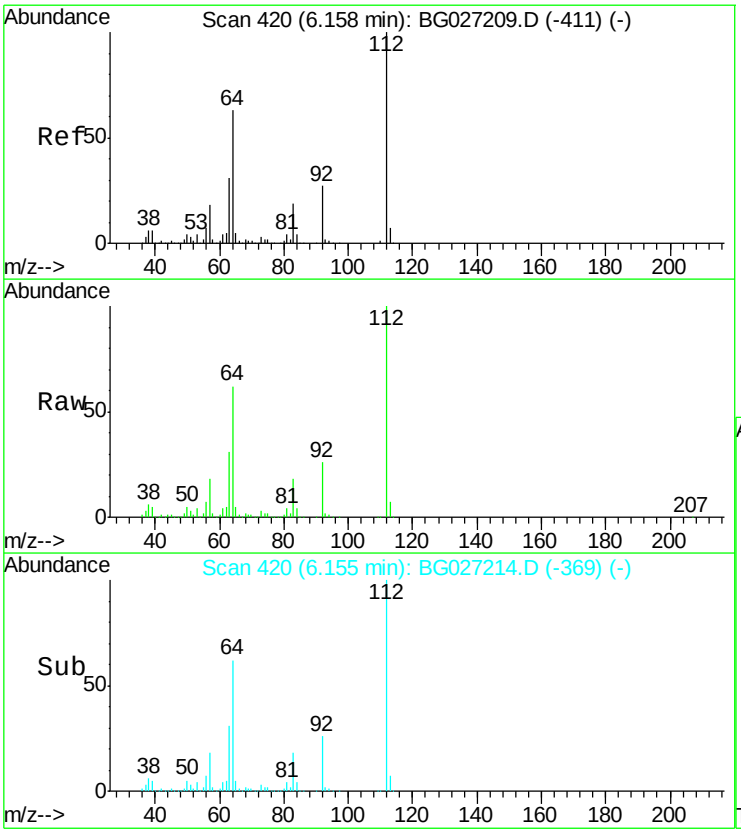
#4
n-Nitrosodimethylamine
Concen: 0.036 ng
RT: 4.45 min Scan# 129
Delta R.T. -0.01 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion: 42 Resp: 54

Ion	Ratio	Lower	Upper
42	100		
74	0.0	76.7	115.1#
44	389.5	6.1	9.1#



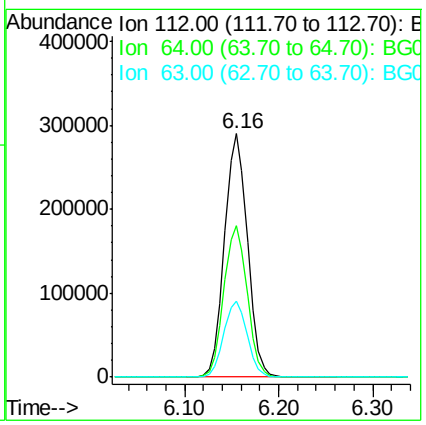
Instrument :
BNA_F
ClientSampleId :

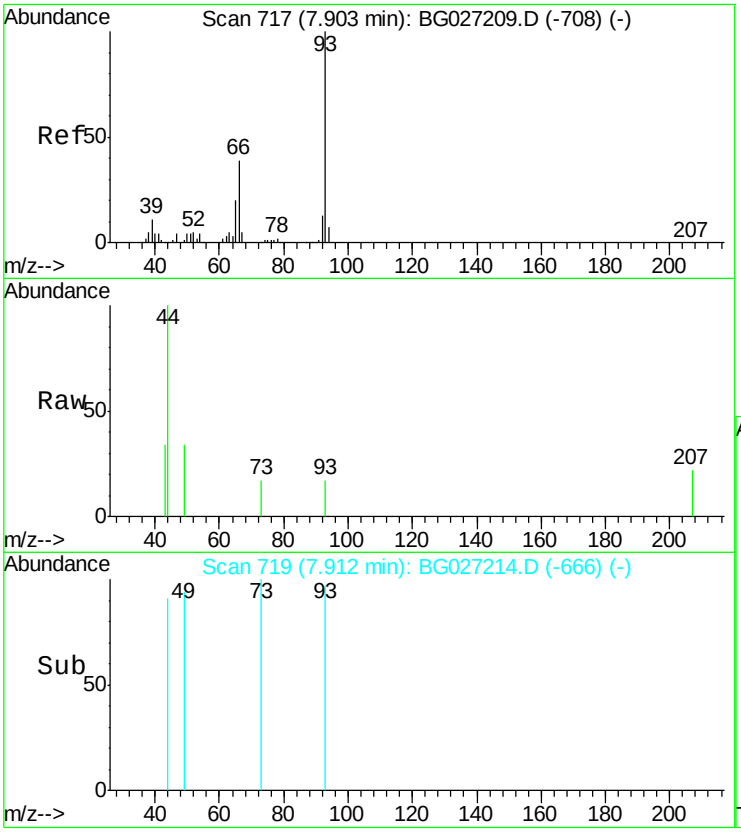


#5
2-Fluorophenol
Concen: 154.008 ng
RT: 6.16 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion:112 Resp: 491372

Ion	Ratio	Lower	Upper
112	100		
64	62.2	61.8	92.6
63	31.2	37.2	55.8#



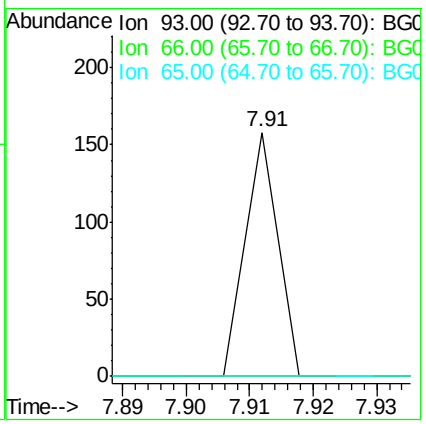


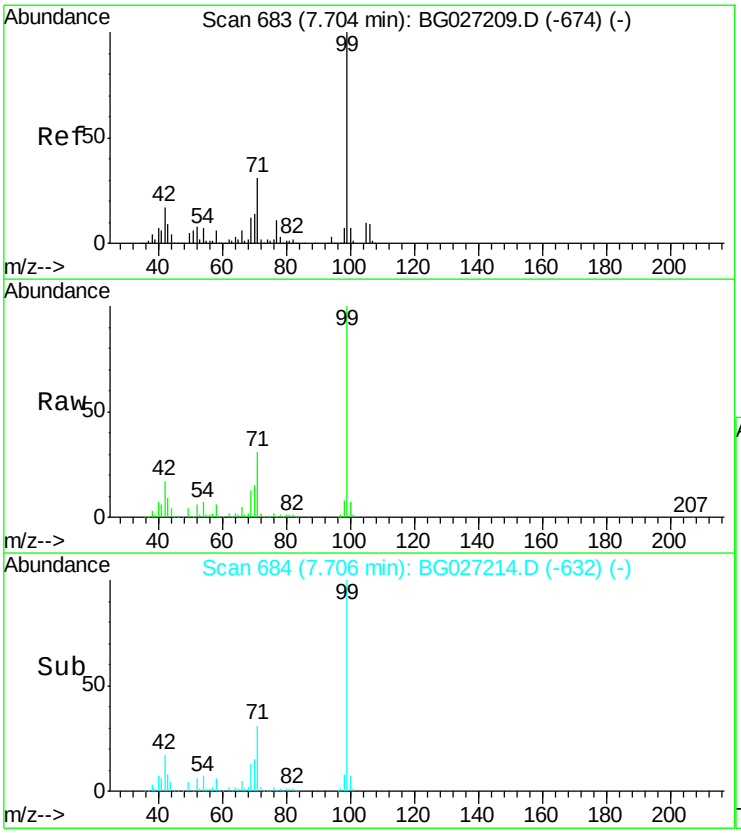
#6
Aniline
Concen: 0.009 ng
RT: 7.91 min Scan# 719
Delta R.T. 0.01 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 56

Ion	Ratio	Lower	Upper
93	100		
66	0.0	35.4	53.2#
65	0.0	21.2	31.8#

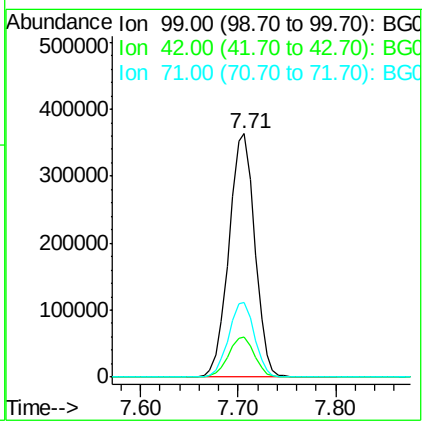


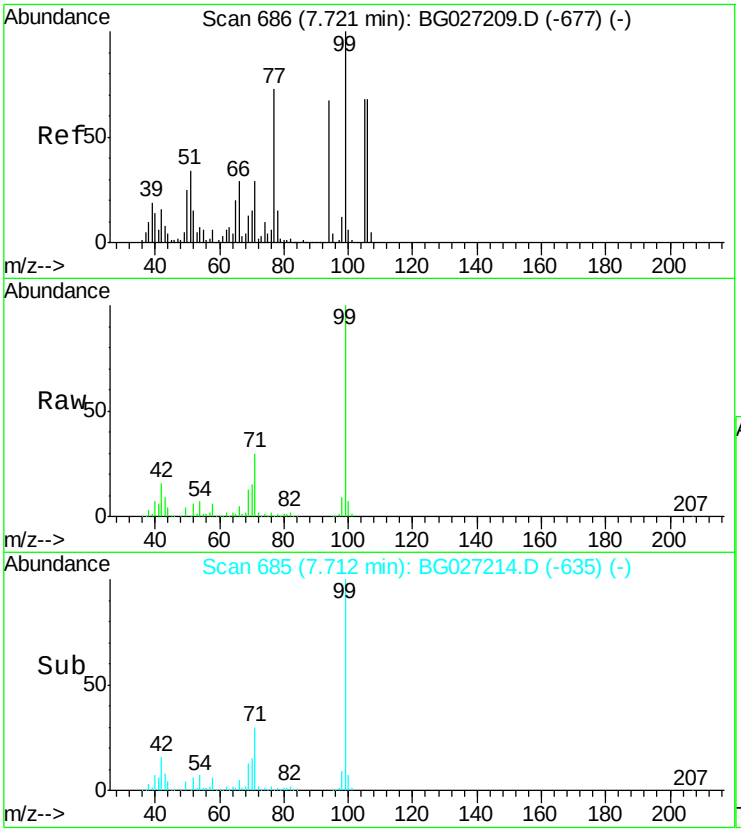


#7
Phenol-d6
Concen: 142.822 ng
RT: 7.71 min Scan# 684
Delta R.T. 0.00 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion: 99 Resp: 668893

Ion	Ratio	Lower	Upper
99	100		
42	16.6	20.5	30.7#
71	30.6	37.6	56.4#



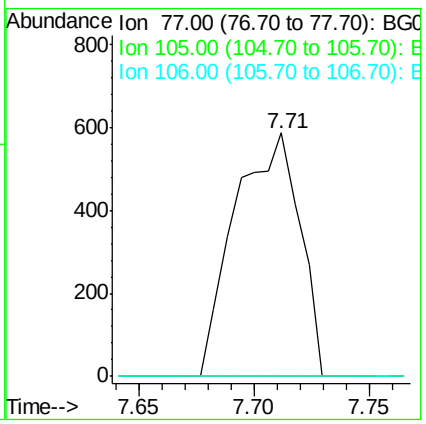


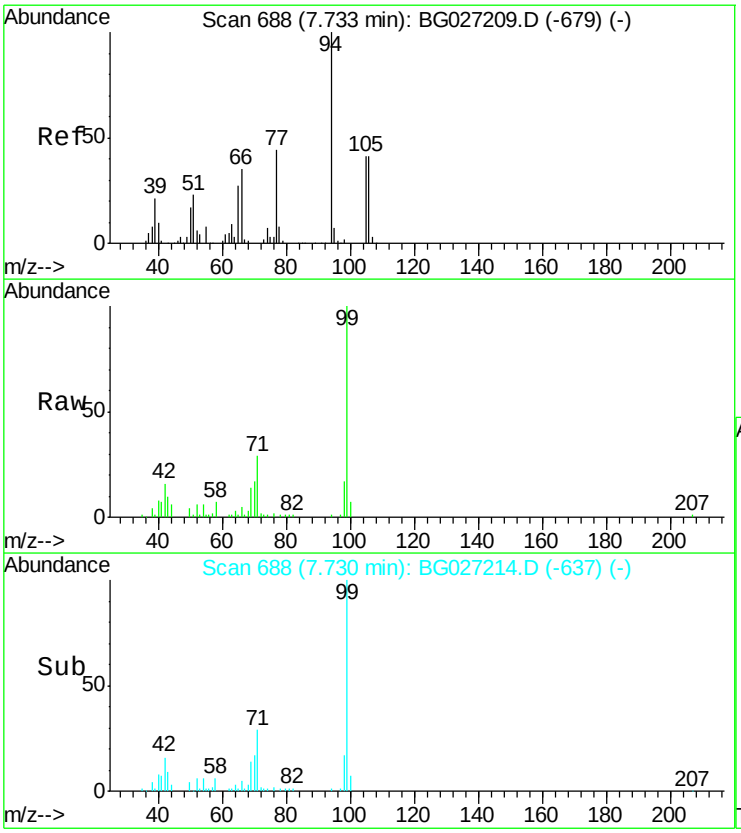
#9
Benzaldehyde
Concen: 0.352 ng
RT: 7.71 min Scan# 685
Delta R.T. -0.01 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1141

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

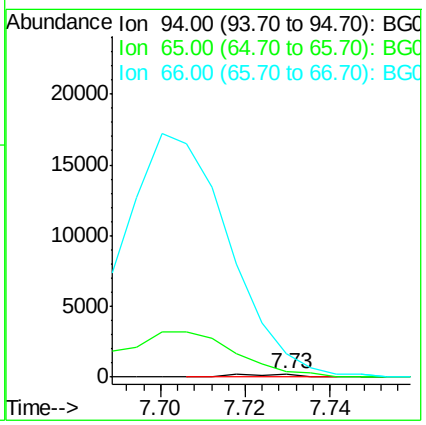


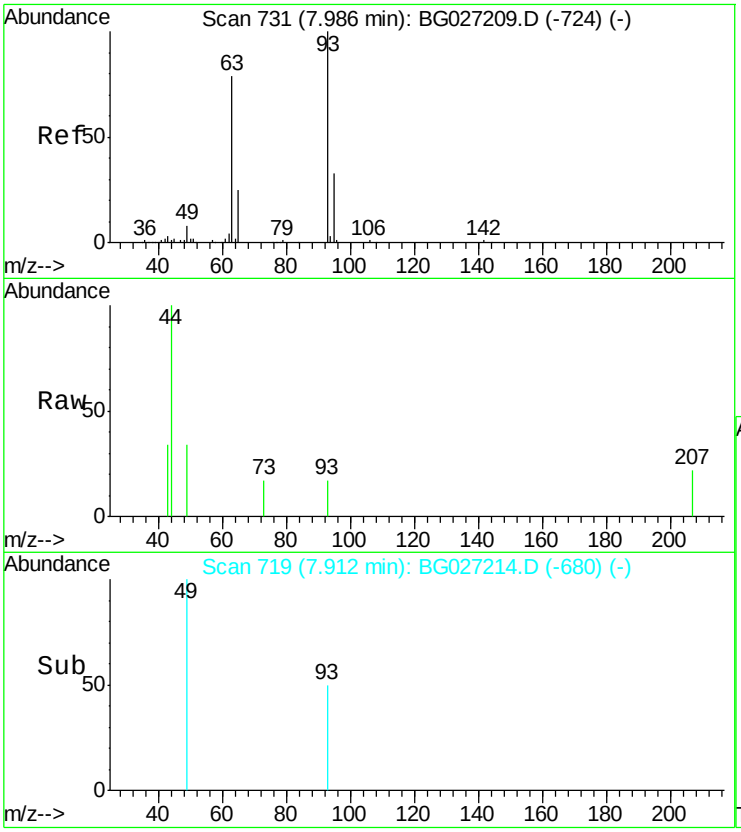


#10
Phenol
Concen: 0.042 ng
RT: 7.73 min Scan# 688
Delta R.T. -0.00 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion: 94 Resp: 200

Ion	Ratio	Lower	Upper
94	100		
65	184.5	20.6	60.6#
66	703.9	35.5	75.5#



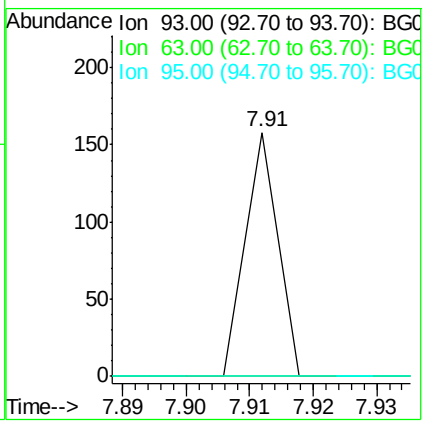


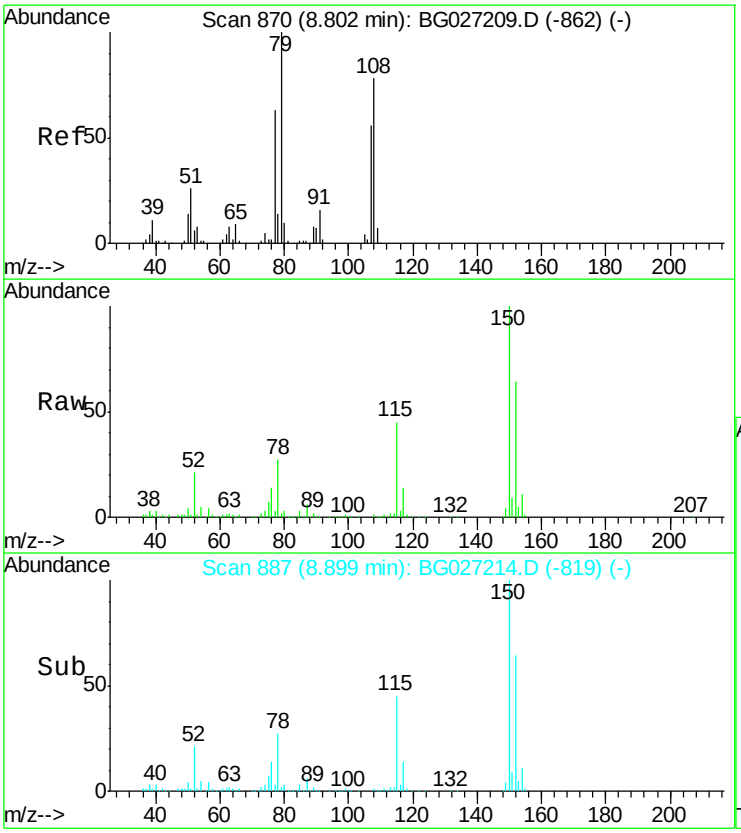
#11
bis(2-Chloroethyl)ether
Concen: 0.014 ng
RT: 7.91 min Scan# 719
Delta R.T. -0.07 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 56

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

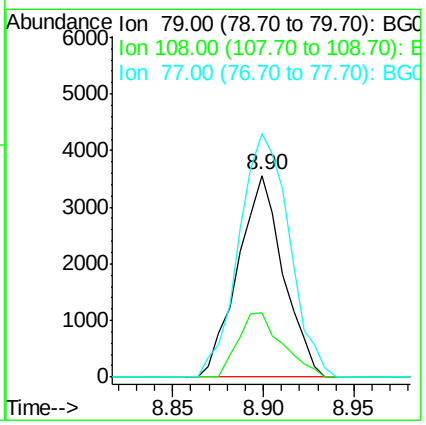


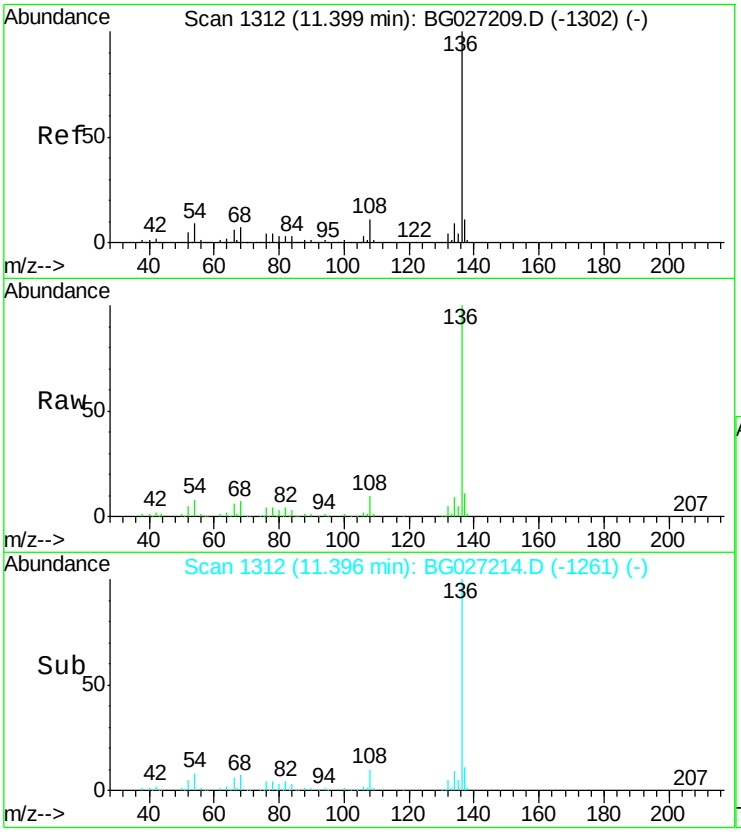


#15
Benzyl Alcohol
Concen: 1.877 ng
RT: 8.90 min Scan# 887
Delta R.T. 0.10 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion: 79 Resp: 6193

Ion	Ratio	Lower	Upper
79	100		
108	31.8	45.5	68.3#
77	120.7	54.3	81.5#



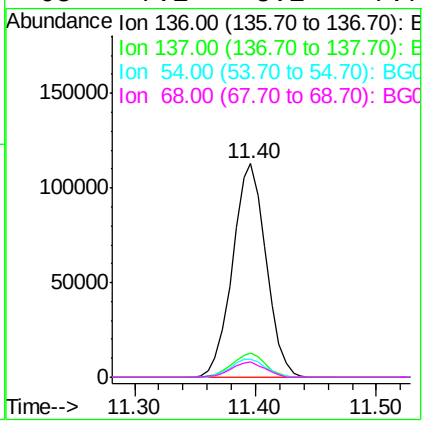


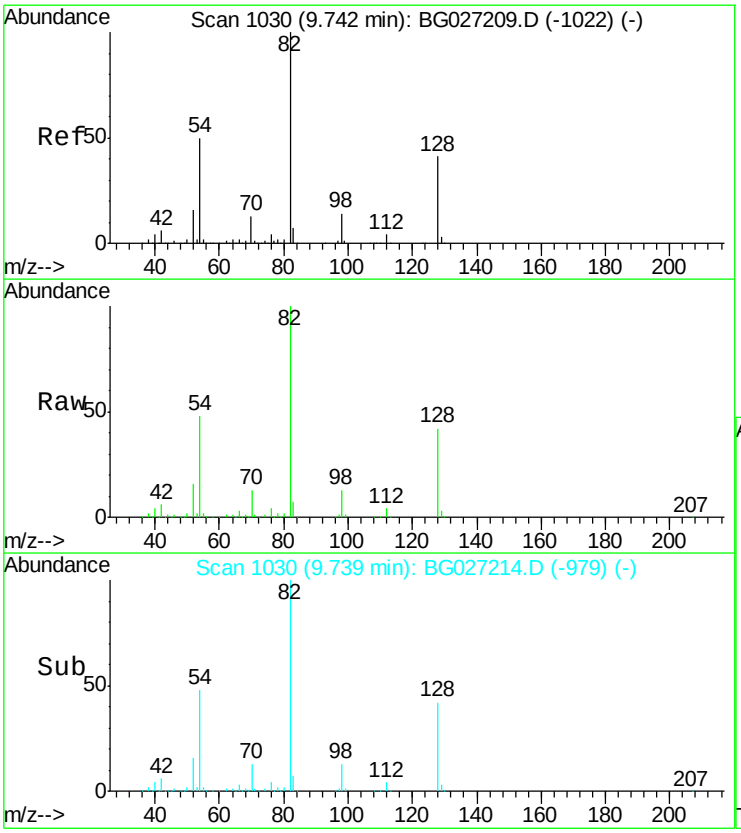
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.40 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 217046

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	9.3	13.9#
68	7.1	5.1	7.7

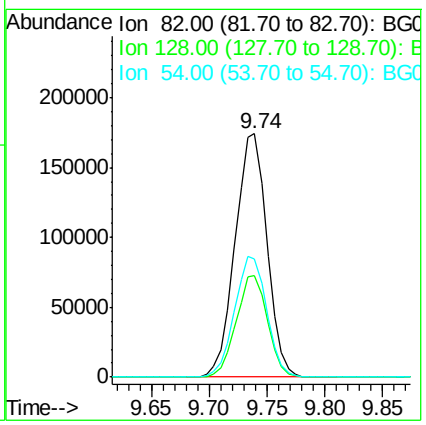


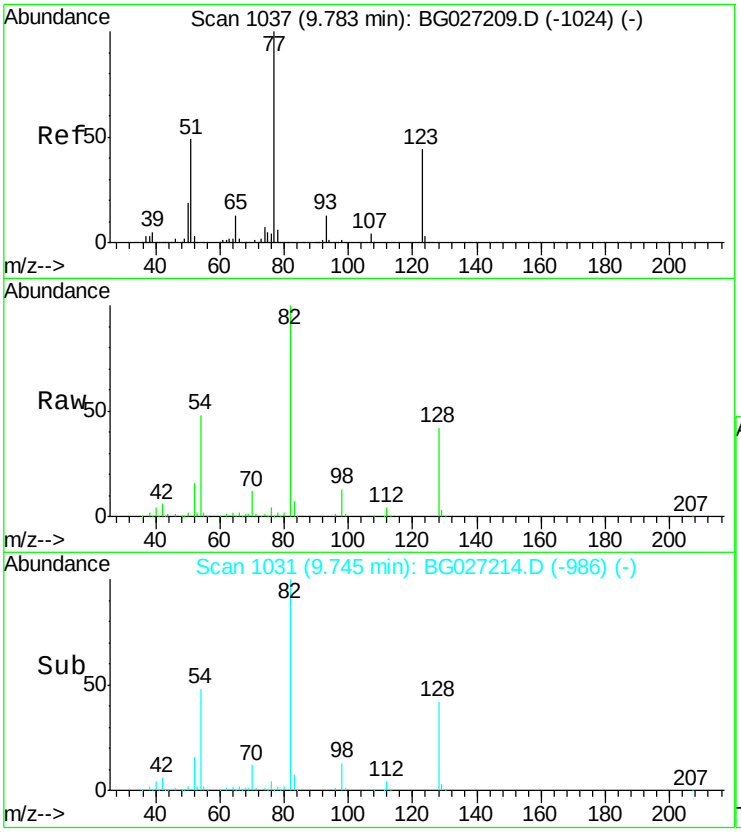


#23
Nitrobenzene-d5
Concen: 96.613 ng
RT: 9.74 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion: 82 Resp: 333433

Ion	Ratio	Lower	Upper
82	100		
128	41.6	26.4	39.6#
54	48.5	49.4	74.2#



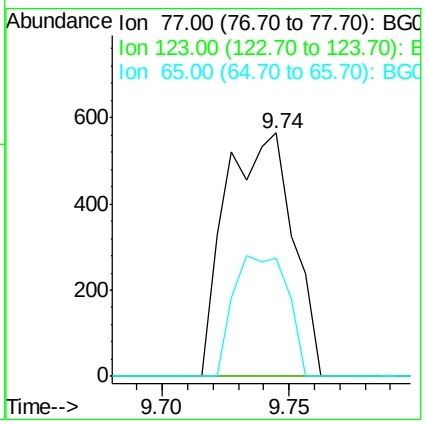


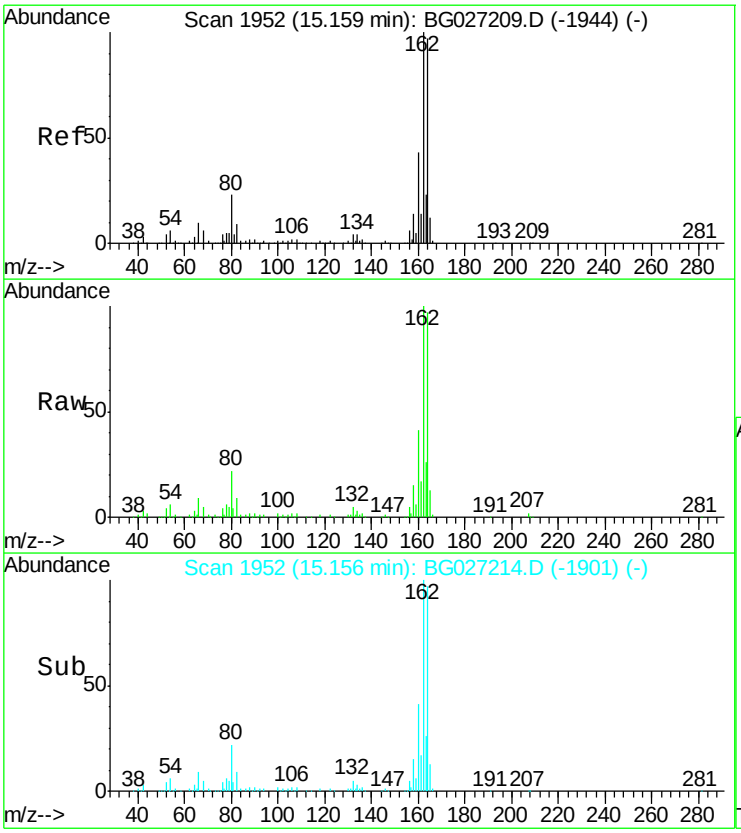
#24
Nitrobenzene
Concen: 0.266 ng
RT: 9.74 min Scan# 1031
Delta R.T. -0.04 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1046

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	48.5	12.4	18.6#

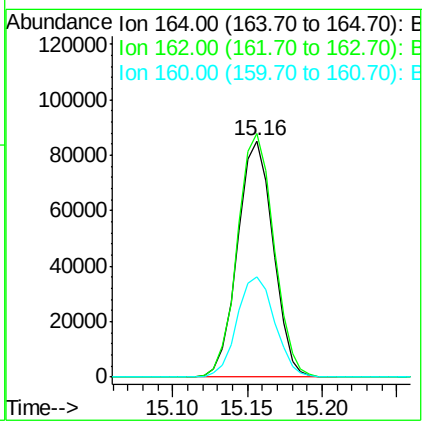


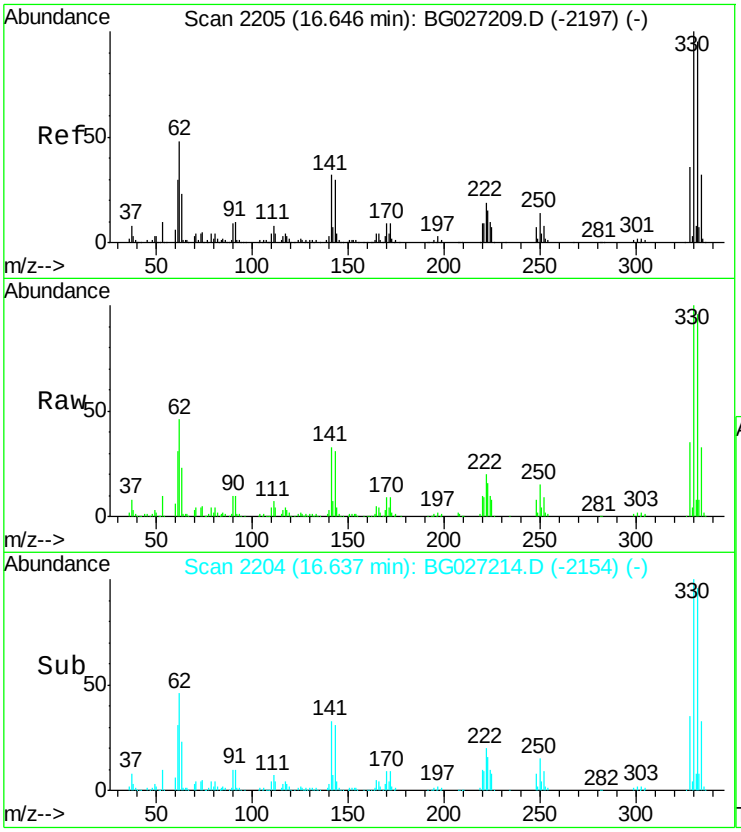


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.16 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion:164 Resp: 140758

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	42.6	34.7	52.1



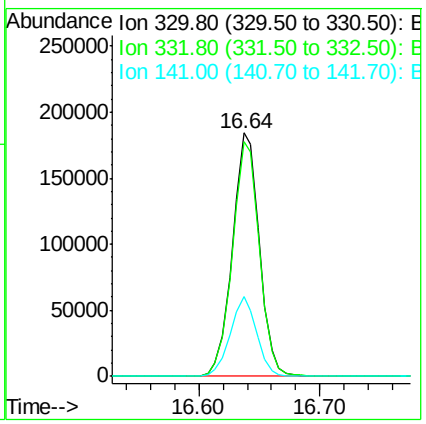


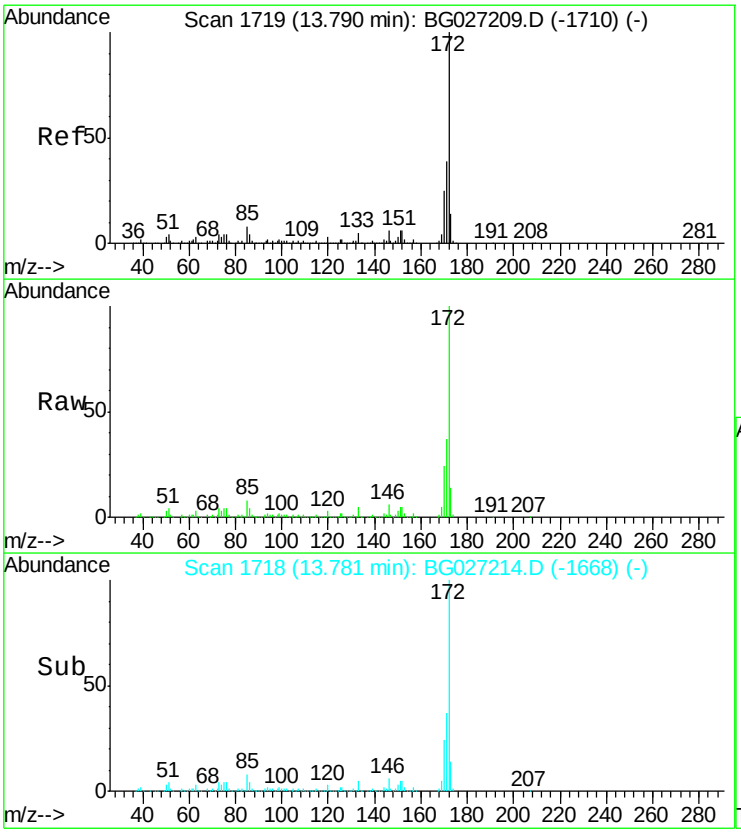
#41
2,4,6-Tribromophenol
Concen: 153.960 ng
RT: 16.64 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 285371

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	32.6	32.1	48.1

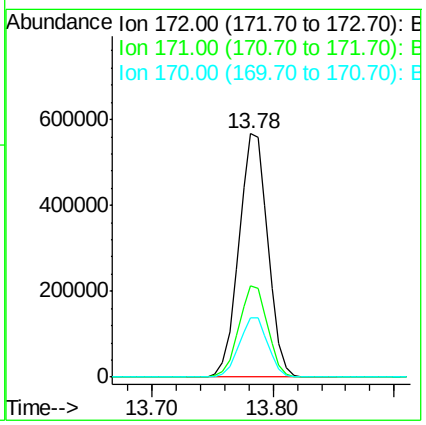


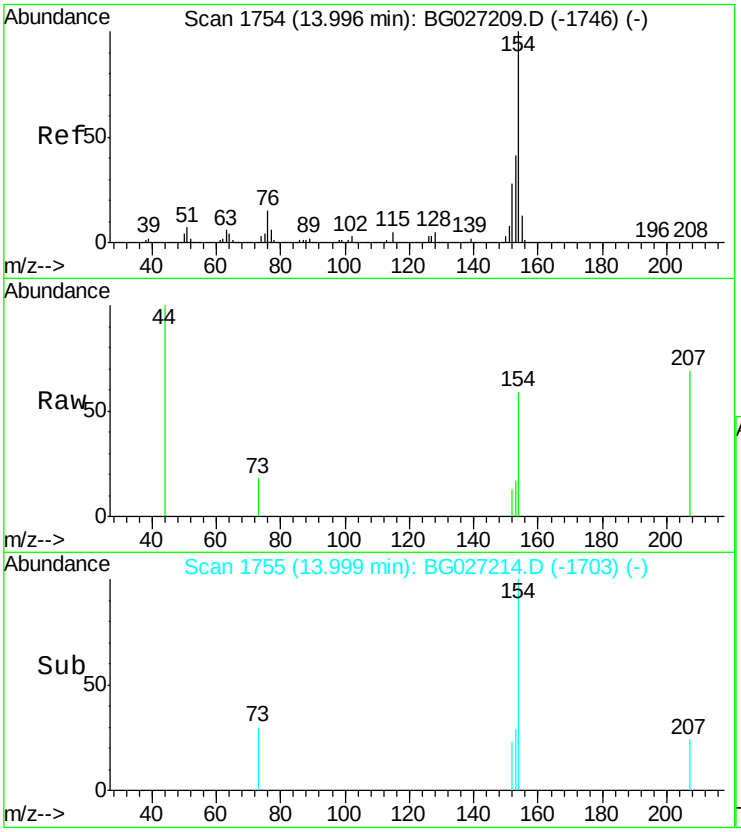


#44
2-Fluorobiphenyl
Concen: 93.965 ng
RT: 13.78 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion:172 Resp: 945428

Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	24.4	21.8	32.6



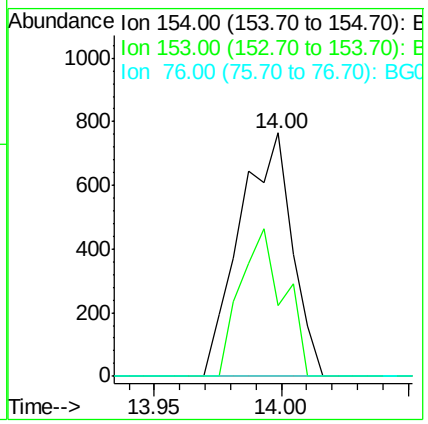


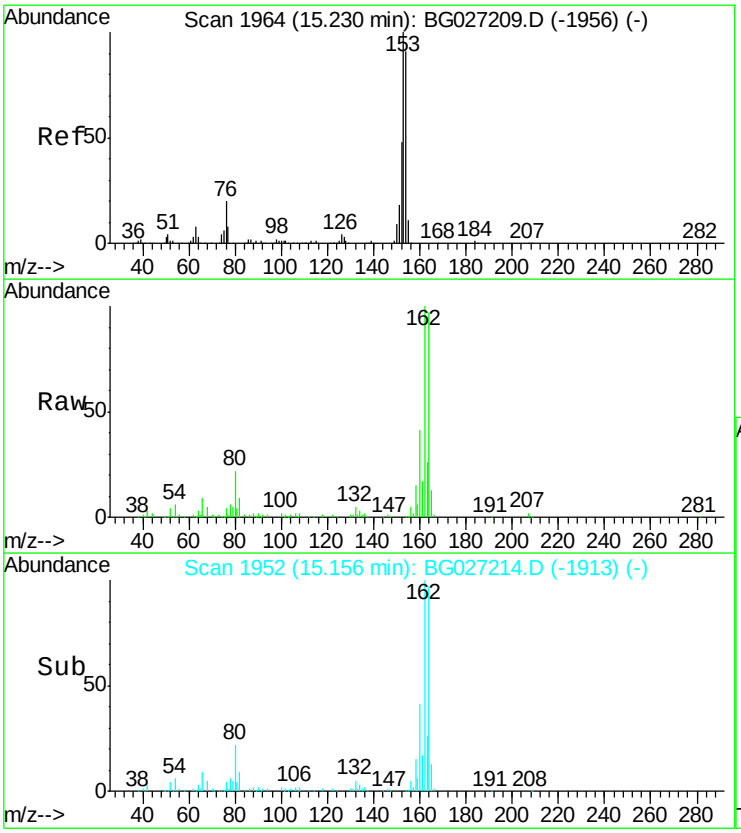
#45
1,1'-Biphenyl
Concen: 0.096 ng
RT: 14.00 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1102

Ion	Ratio	Lower	Upper
154	100		
153	28.9	23.0	63.0
76	0.0	0.0	33.5

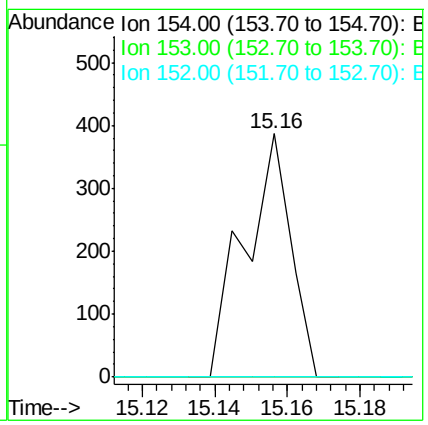


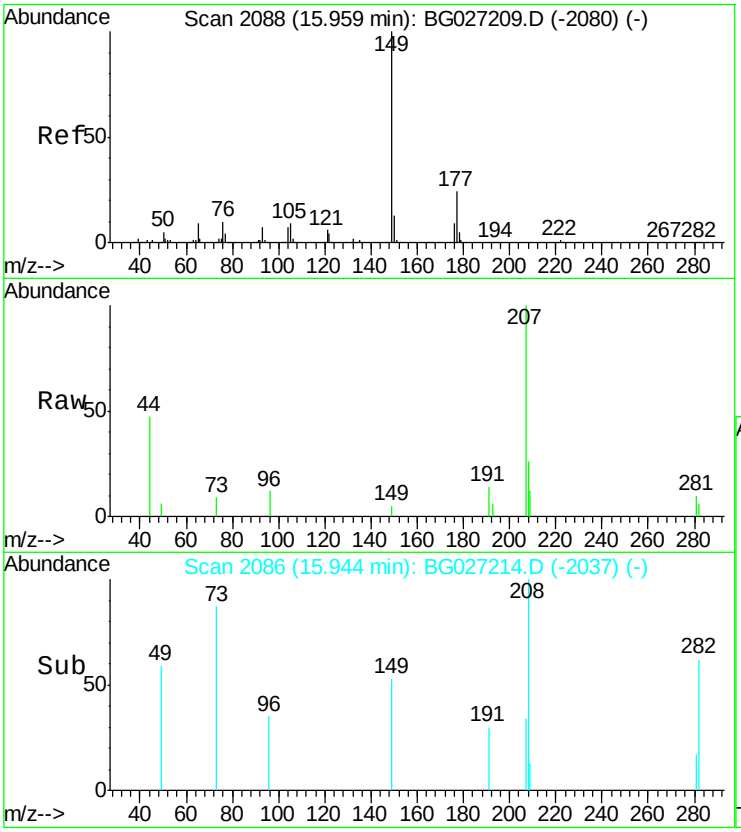


#51
Acenaphthene
Concen: 0.036 ng
RT: 15.16 min Scan# 1952
Delta R.T. -0.07 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion:154 Resp: 342

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



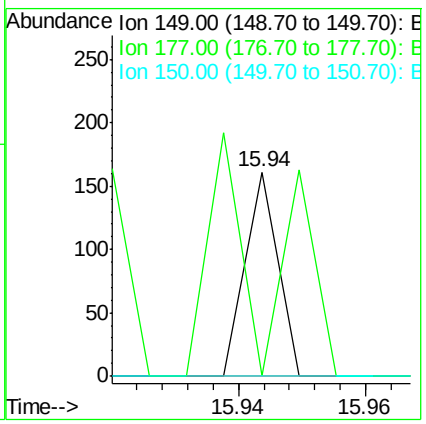


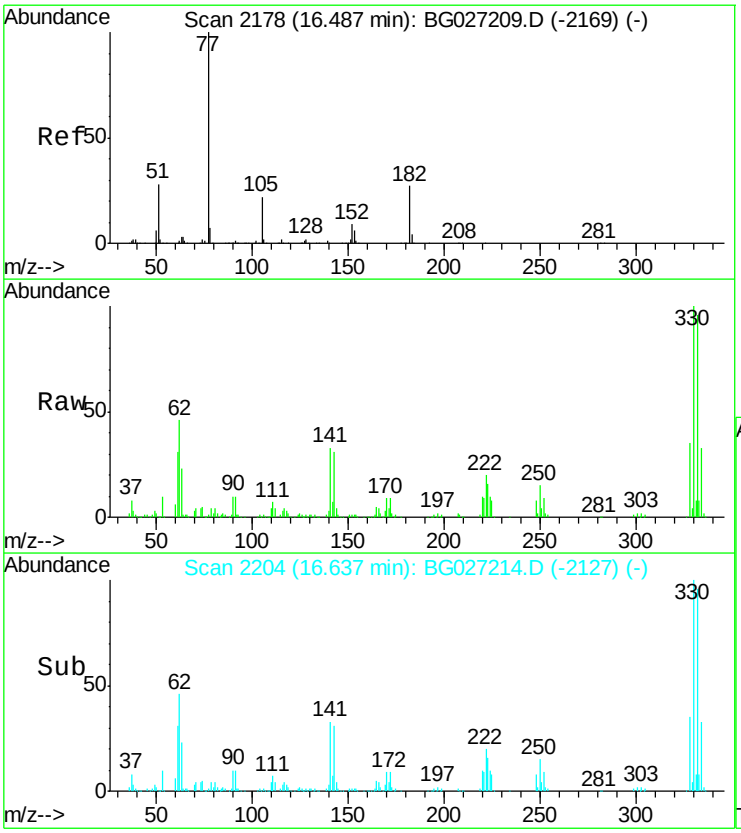
#59
Diethylphthalate
Concen: 0.005 ng
RT: 15.94 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 57

Ion	Ratio	Lower	Upper
149	100		
177	0.0	20.1	30.1#
150	0.0	10.2	15.2#

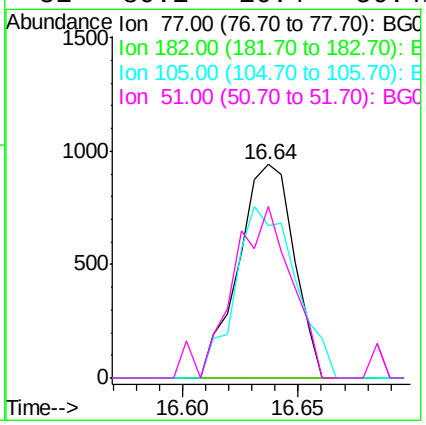


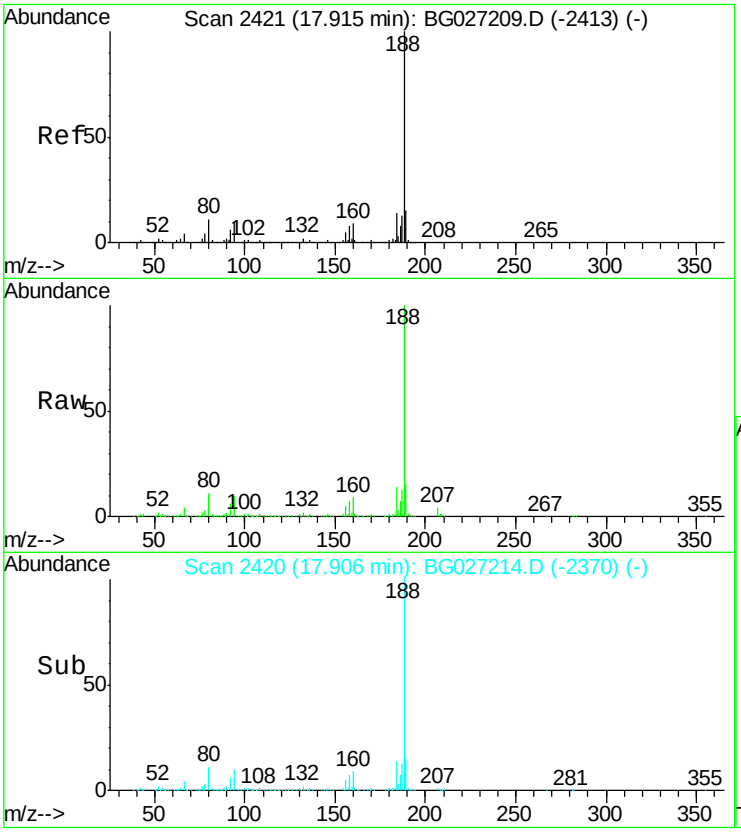


#62
Azobenzene
Concen: 0.153 ng
RT: 16.64 min Scan# 2204
Delta R.T. 0.15 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion: 77 Resp: 1575

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.7	44.7#
105	71.1	0.0	36.3#
51	80.1	16.4	56.4#



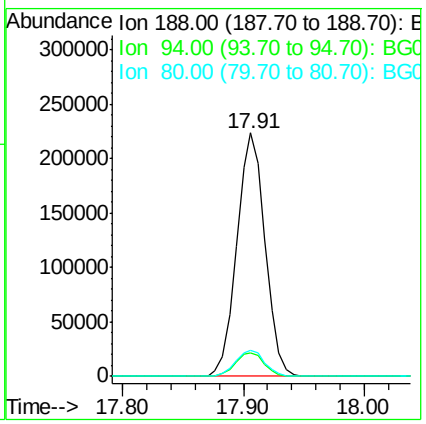


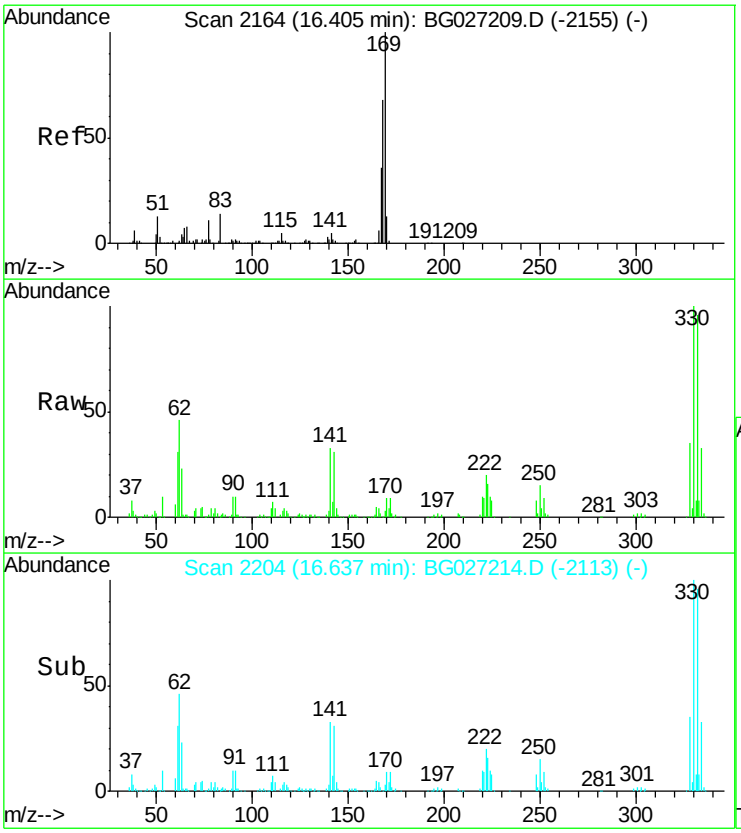
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.91 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 362979

Ion	Ratio	Lower	Upper
188	100		
94	9.9	5.8	8.8#
80	10.9	7.5	11.3

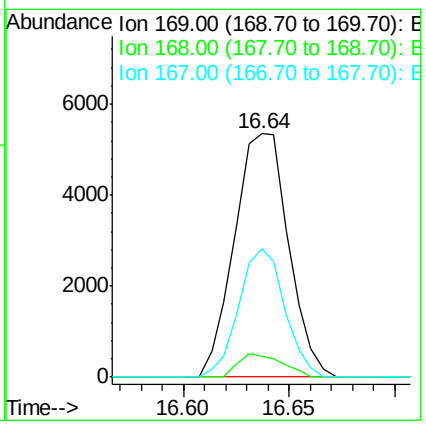


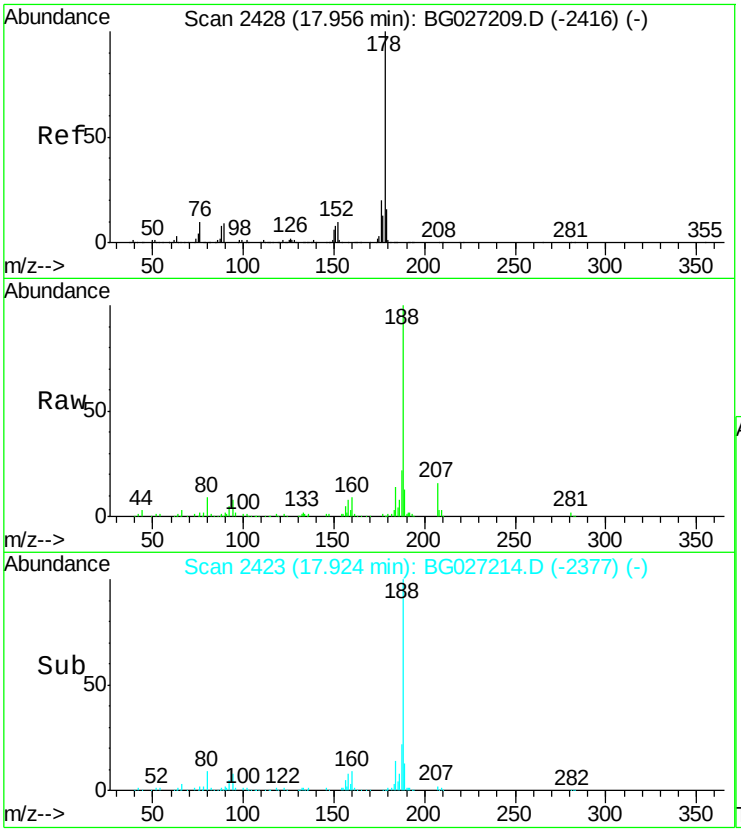


#65
n-Nitrosodiphenylamine
Concen: 0.834 ng
RT: 16.64 min Scan# 2204
Delta R.T. 0.23 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion:169 Resp: 9489

Ion	Ratio	Lower	Upper
169	100		
168	8.6	55.7	83.5#
167	52.8	29.8	44.6#



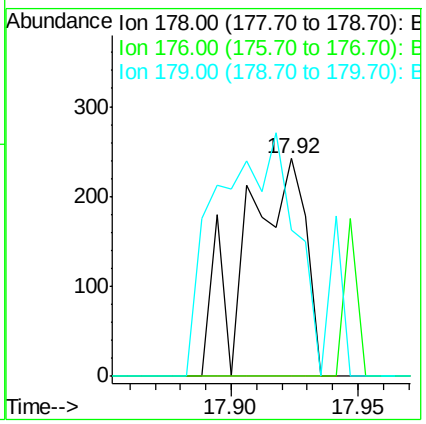


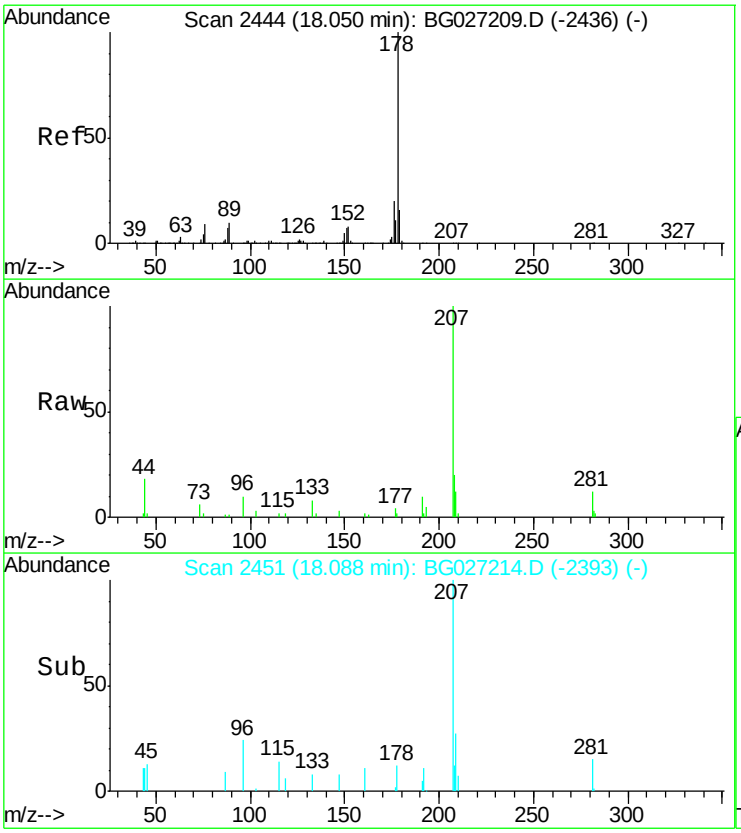
#70
Phenanthrene
Concen: 0.020 ng
RT: 17.92 min Scan# 2423
Delta R.T. -0.03 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 408

Ion	Ratio	Lower	Upper
178	100		
176	0.0	17.7	26.5#
179	67.4	15.0	22.6#

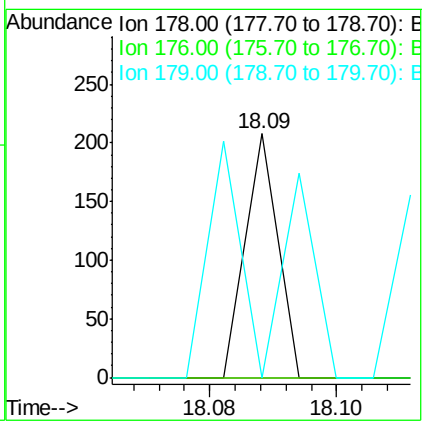


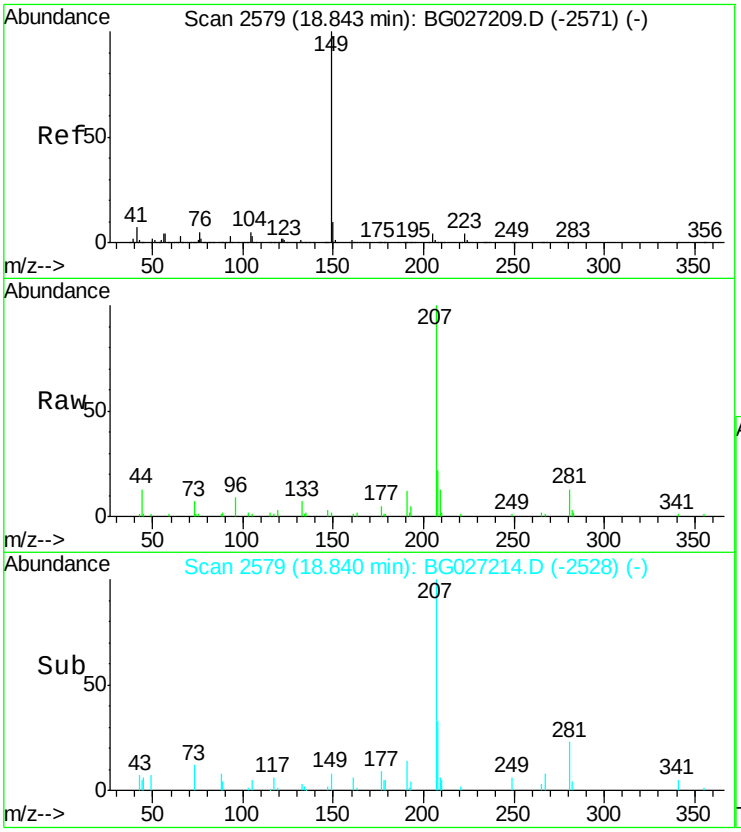


#71
Anthracene
Concen: 0.004 ng
RT: 18.09 min Scan# 2451
Delta R.T. 0.04 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion:178 Resp: 73

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



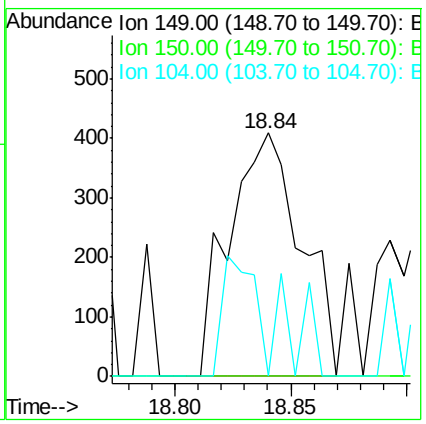


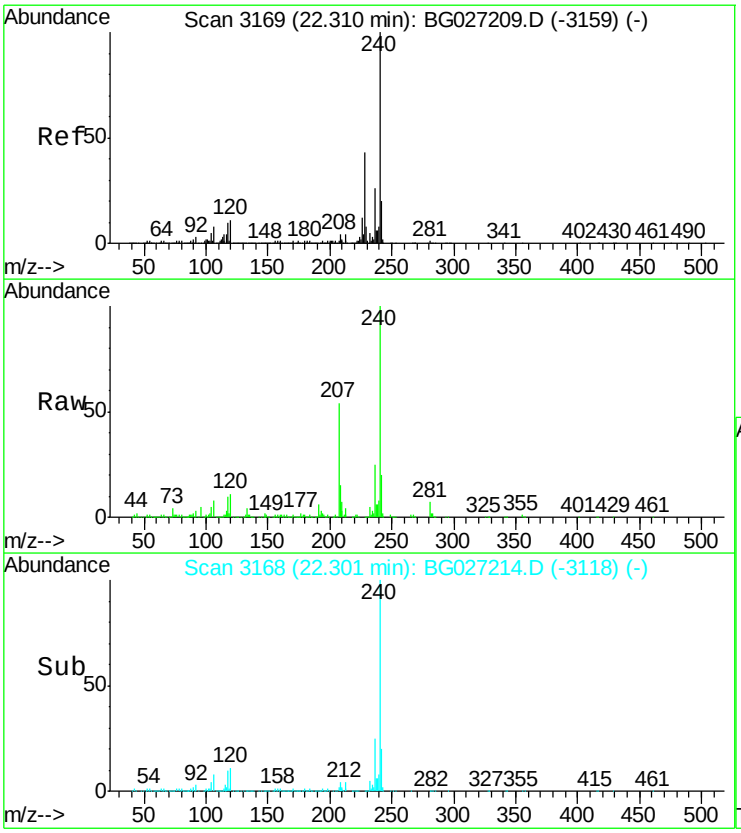
#73
Di-n-butylphthalate
Concen: 0.047 ng
RT: 18.84 min Scan# 2579
Delta R.T. -0.00 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 888

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

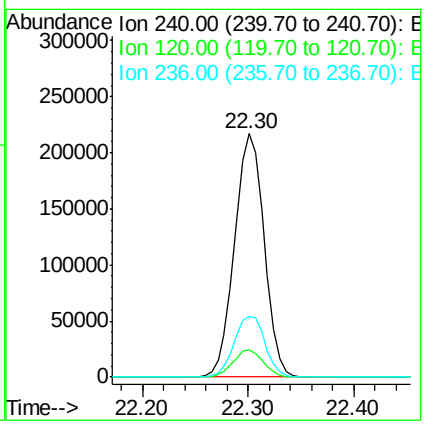


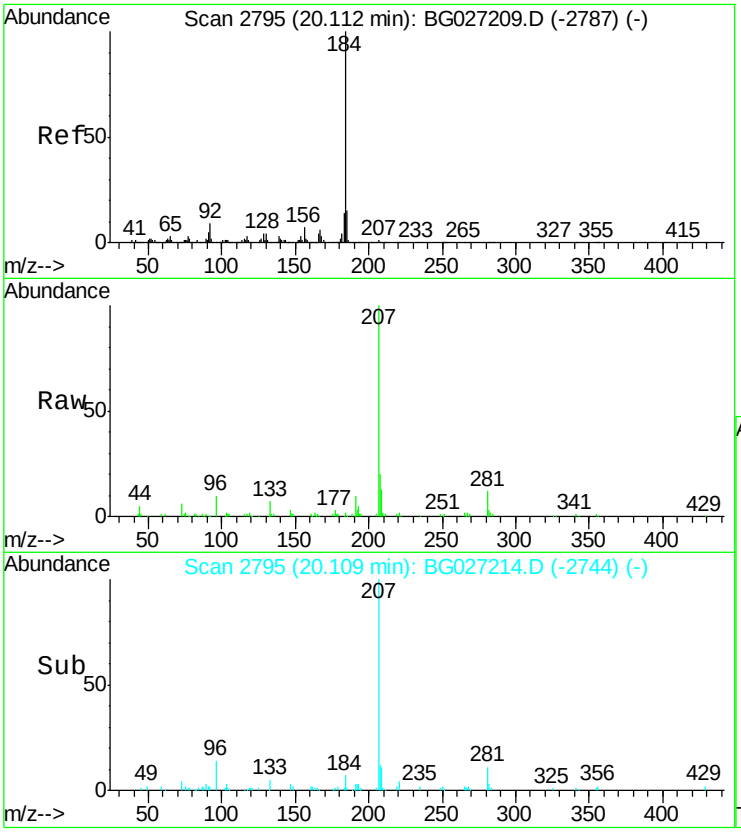


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.30 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion:240 Resp: 421324

Ion	Ratio	Lower	Upper
240	100		
120	11.0	5.7	8.5#
236	25.1	22.2	33.4



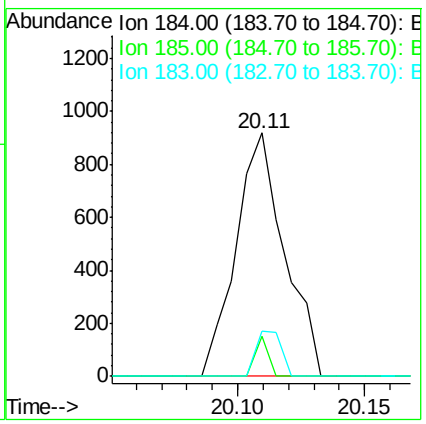


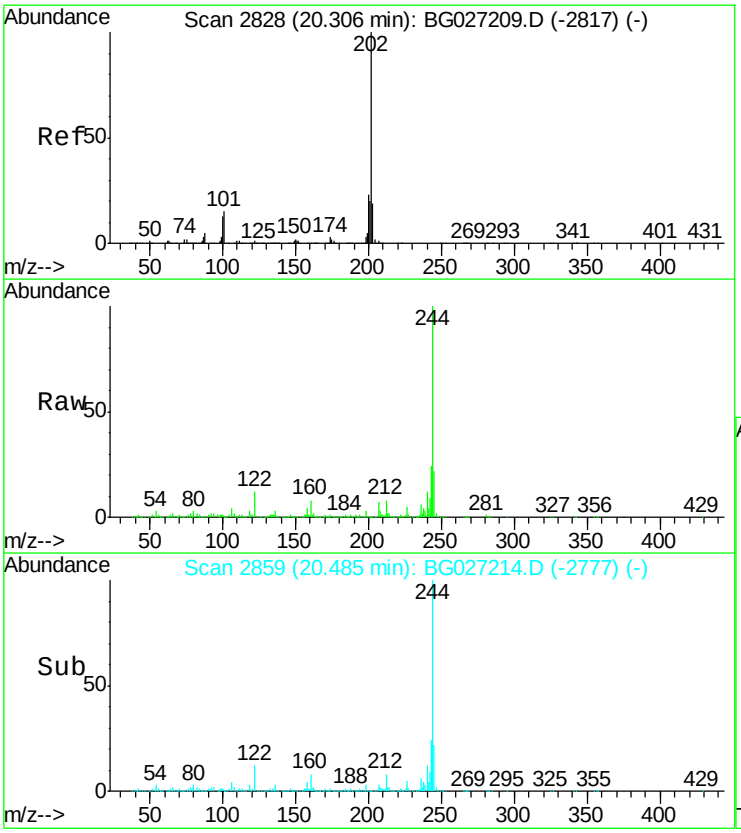
#76
Benzidine
Concen: 0.096 ng
RT: 20.11 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 1218

Ion	Ratio	Lower	Upper
184	100		
185	16.5	13.0	19.6
183	18.6	11.0	16.6#

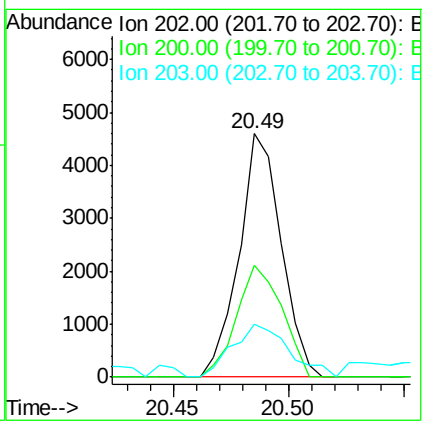


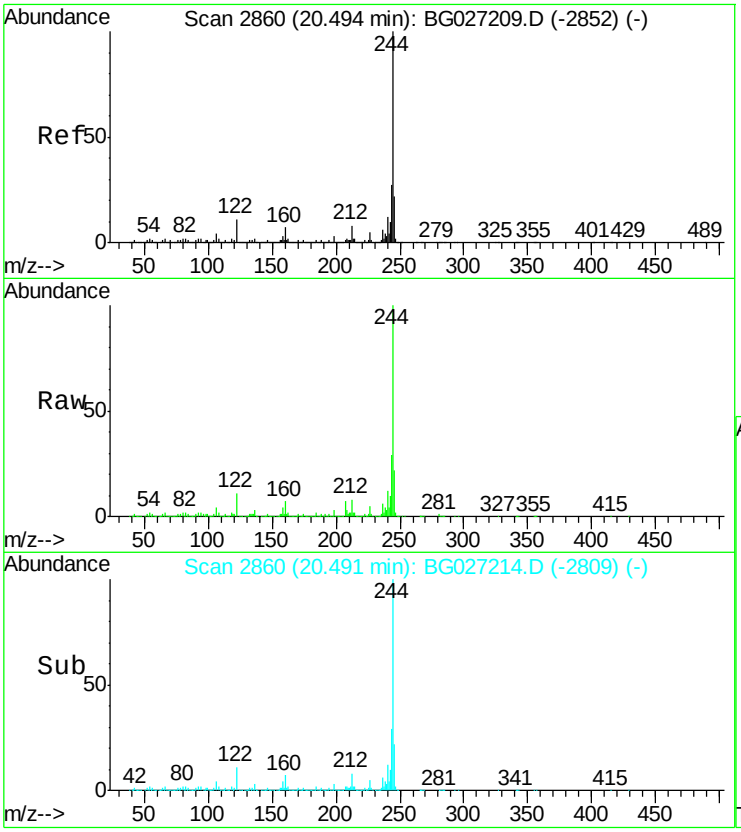


#77
Pyrene
Concen: 0.230 ng
RT: 20.49 min Scan# 2859
Delta R.T. 0.18 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion:202 Resp: 5853

Ion	Ratio	Lower	Upper
202	100		
200	45.7	19.6	29.4#
203	21.6	15.8	23.8



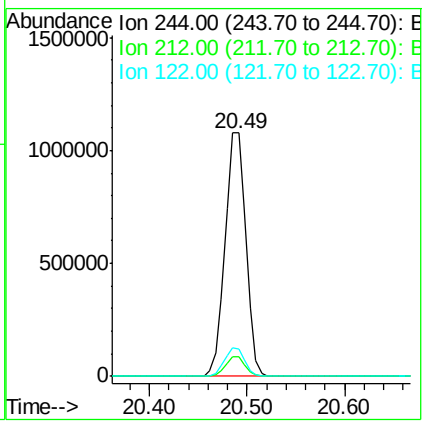


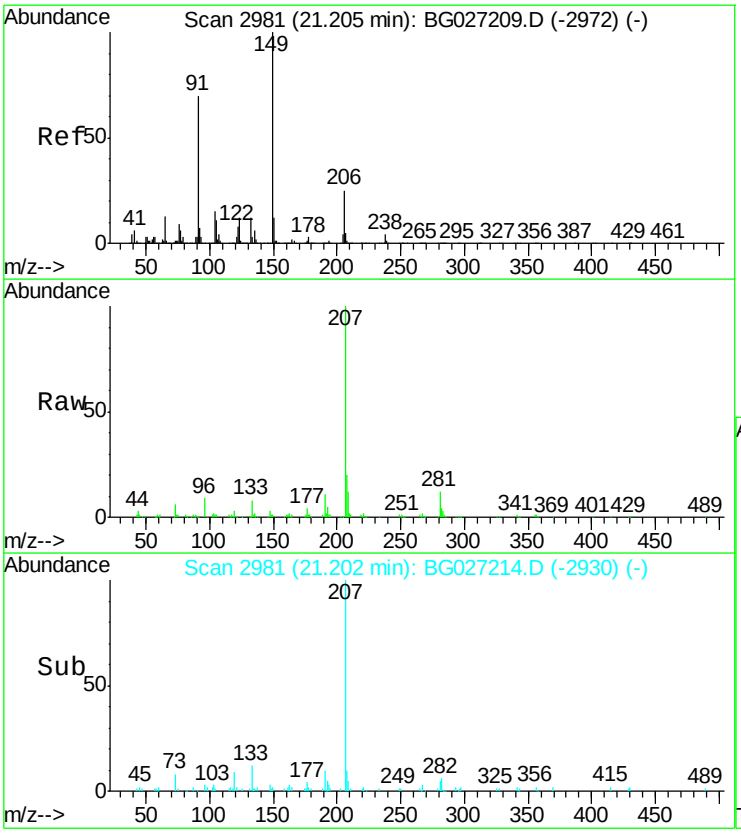
#78
Terphenyl-d14
Concen: 96.544 ng
RT: 20.49 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1594521

Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	11.0	8.6	12.8

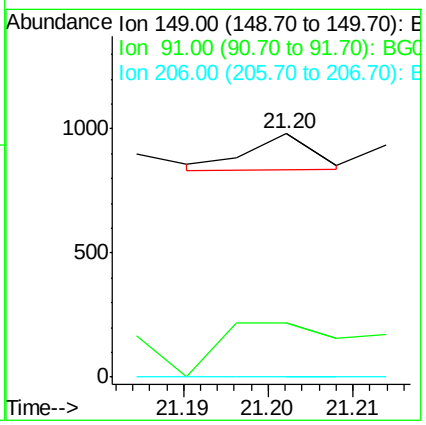


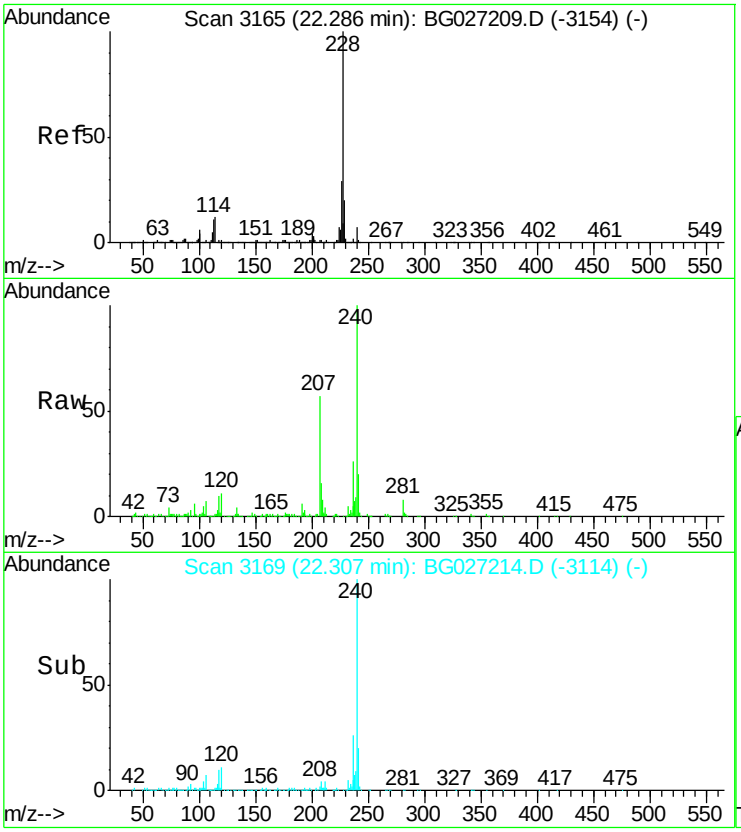


#79
Butylbenzylphthalate
Concen: 0.009 ng
RT: 21.20 min Scan# 2981
Delta R.T. -0.00 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion:149 Resp: 77

Ion	Ratio	Lower	Upper
149	100		
91	22.4	63.5	95.3#
206	0.0	21.0	31.6#



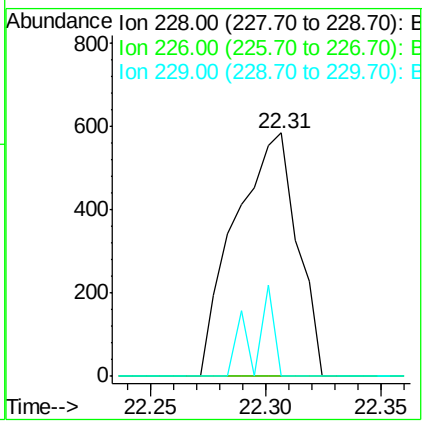


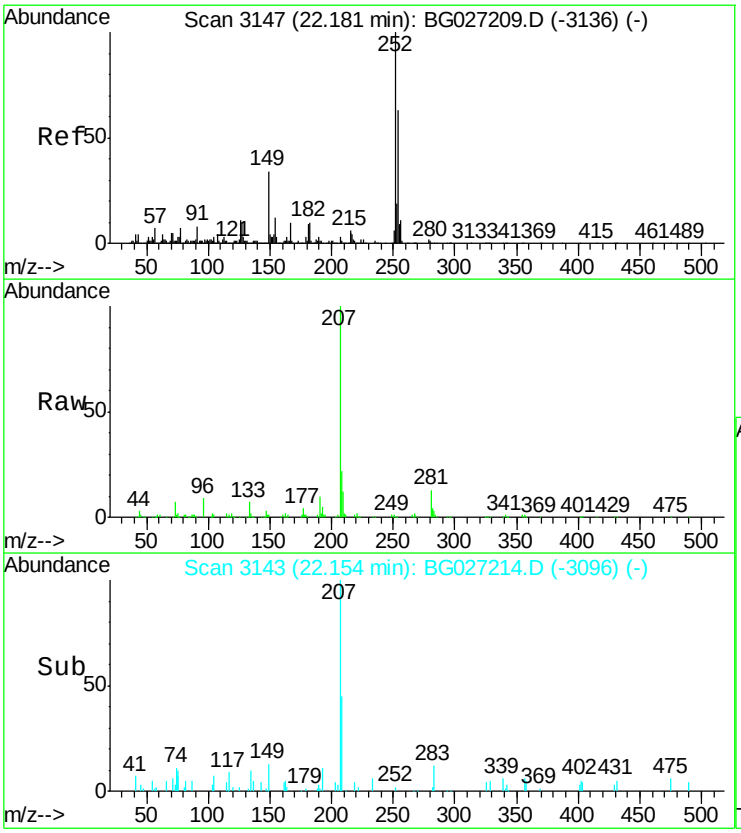
#80
Benzo(a)anthracene
Concen: 0.045 ng
RT: 22.31 min Scan# 3169
Delta R.T. 0.02 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1091

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

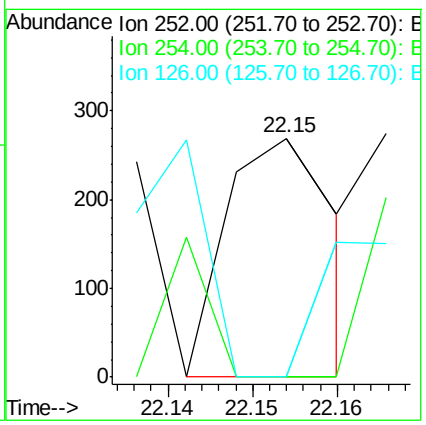


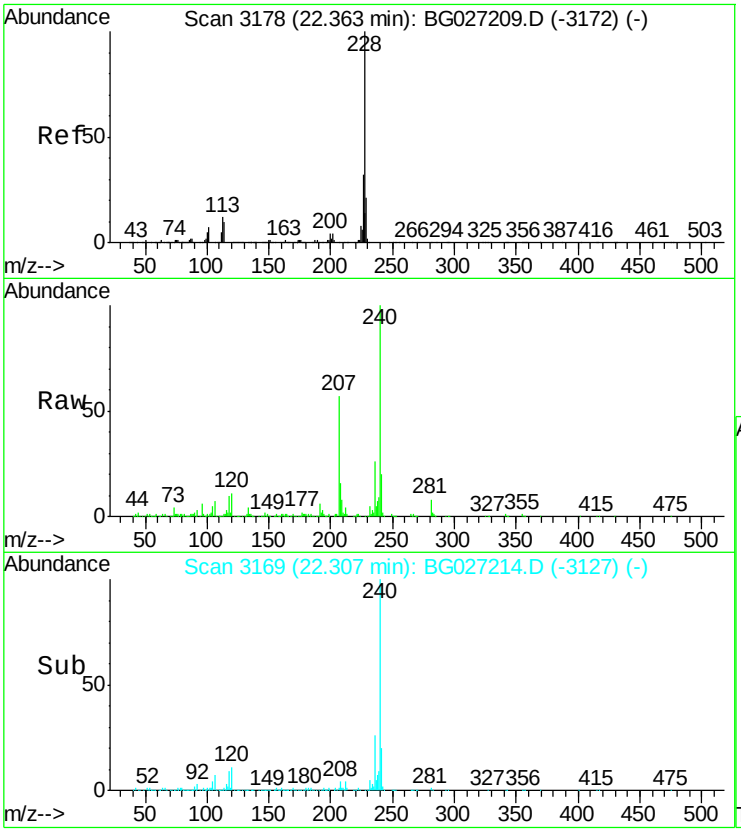


#81
3,3'-Dichlorobenzidine
Concen: 0.026 ng
RT: 22.15 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion:252 Resp: 241

Ion	Ratio	Lower	Upper
252	100		
254	0.0	53.1	79.7#
126	0.0	7.0	10.4#



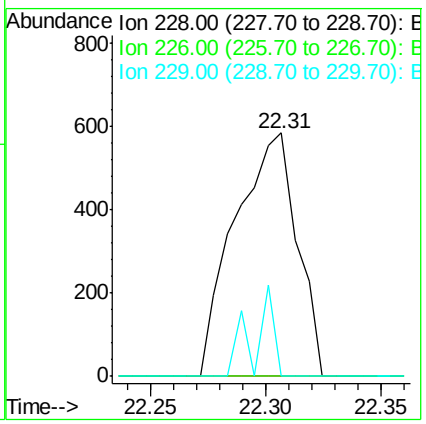


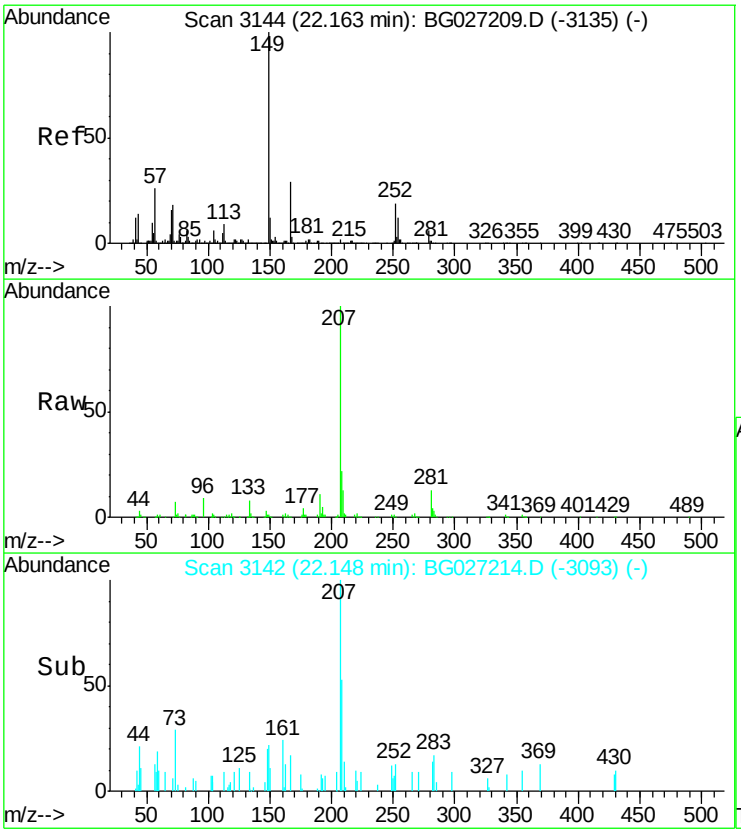
#82
Chrysene
Concen: 0.047 ng
RT: 22.31 min Scan# 3169
Delta R.T. -0.06 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1091

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

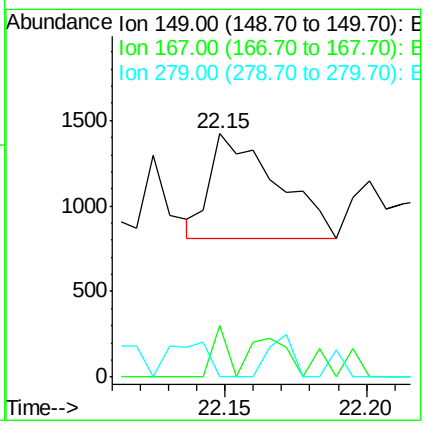


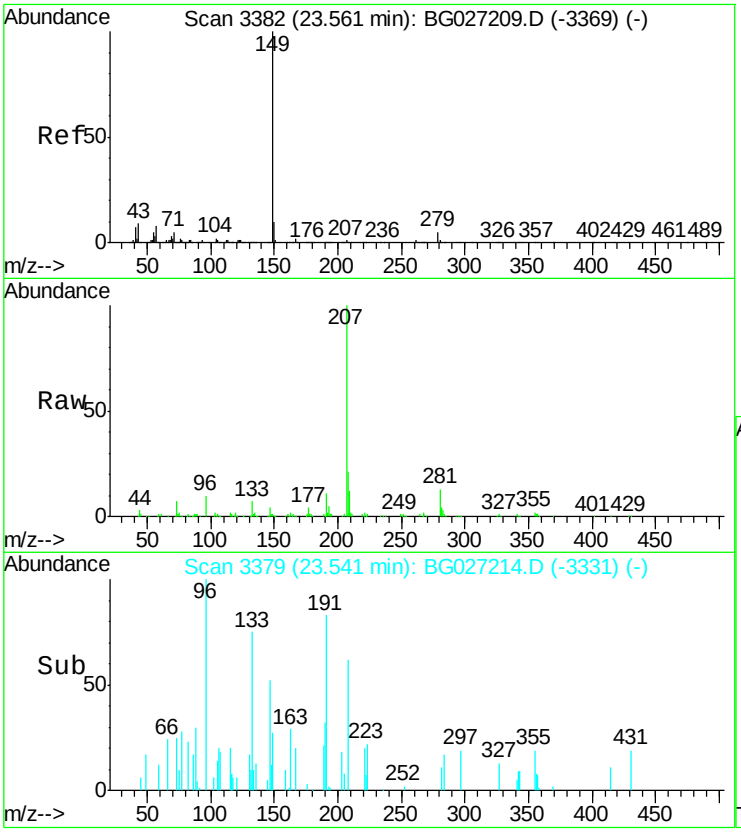


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.074 ng
RT: 22.15 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion:149 Resp: 1008

Ion	Ratio	Lower	Upper
149	100		
167	20.9	23.7	35.5#
279	0.0	4.6	6.8#



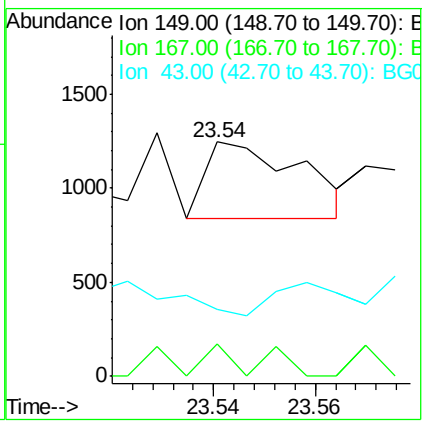


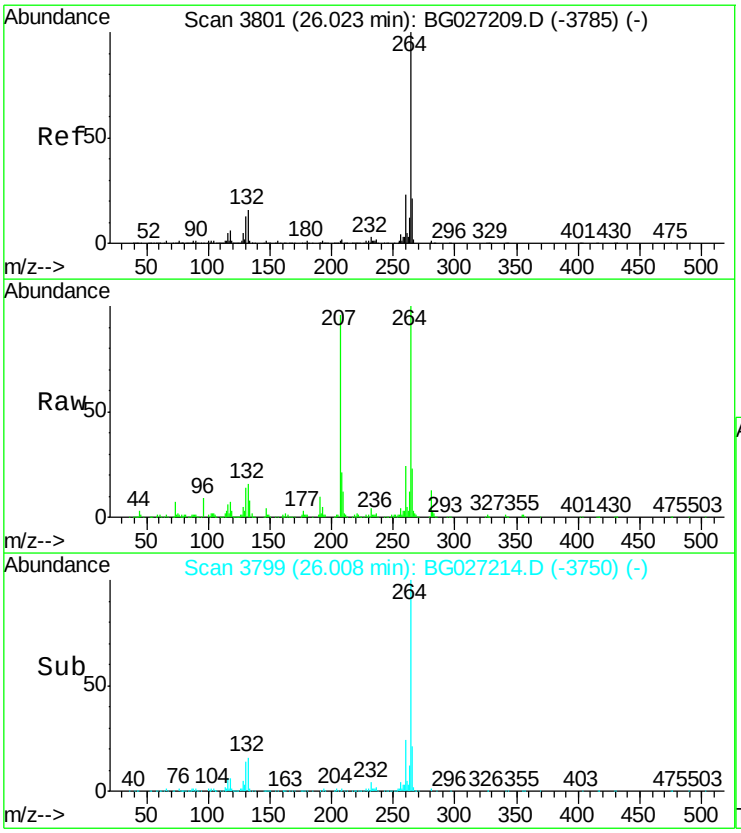
#84
Di-n-octyl phthalate
Concen: 0.023 ng
RT: 23.54 min Scan# 3379
Delta R.T. -0.02 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 528

Ion	Ratio	Lower	Upper
149	100		
167	22.2	1.4	2.2#
43	0.0	11.8	17.6#

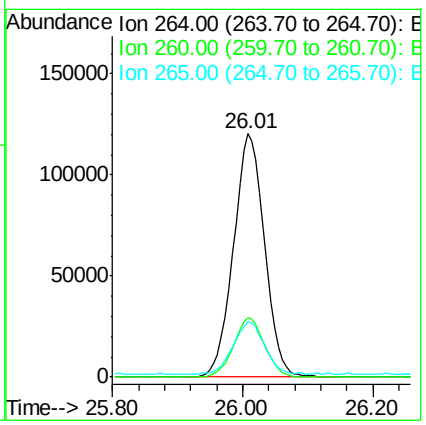


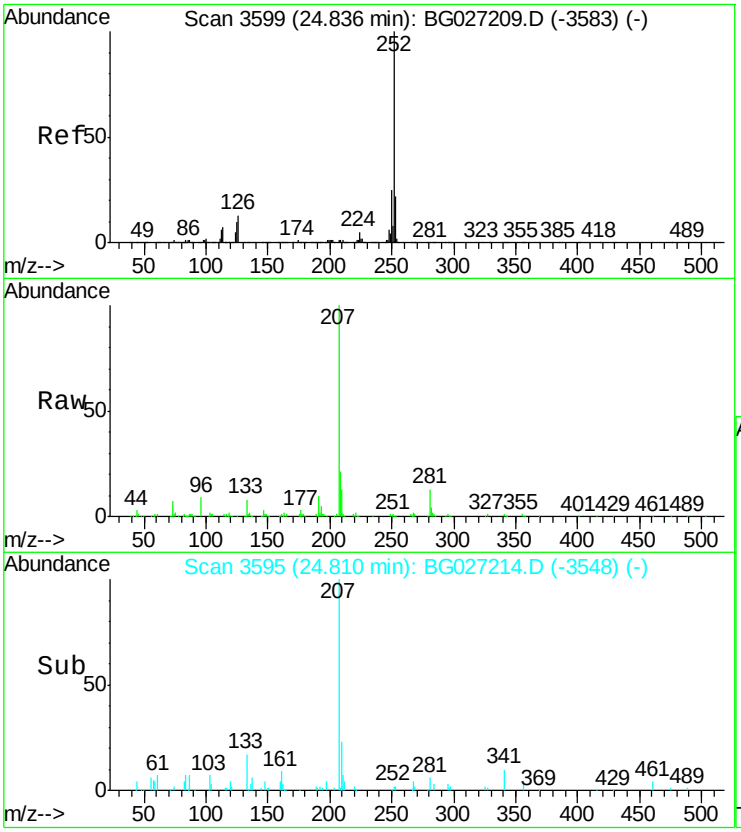


#86
Perylene-d12
Concen: 20.000 ng
RT: 26.01 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion:264 Resp: 396695

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	22.8	18.2	27.4



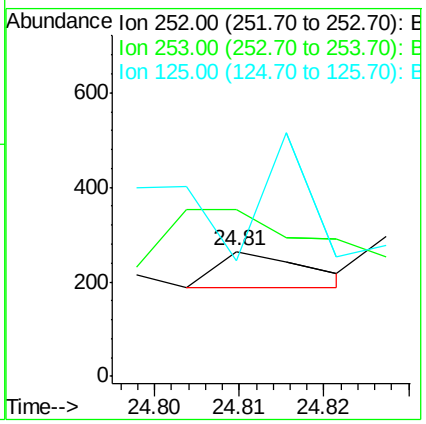


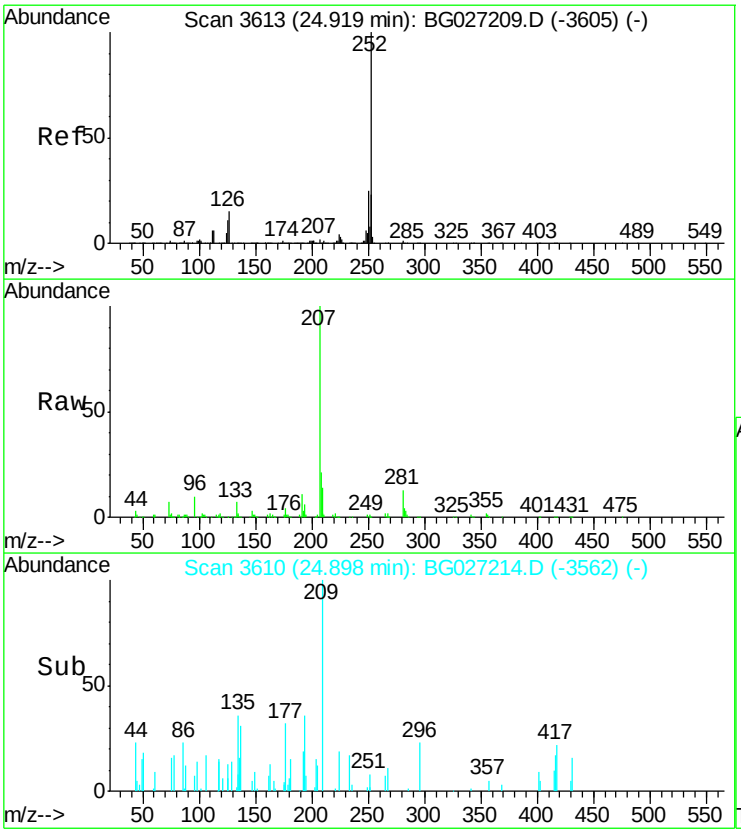
#87
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 24.81 min Scan# 3595
Delta R.T. -0.03 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 58

Ion	Ratio	Lower	Upper
252	100		
253	133.3	18.7	28.1#
125	93.2	5.3	7.9#

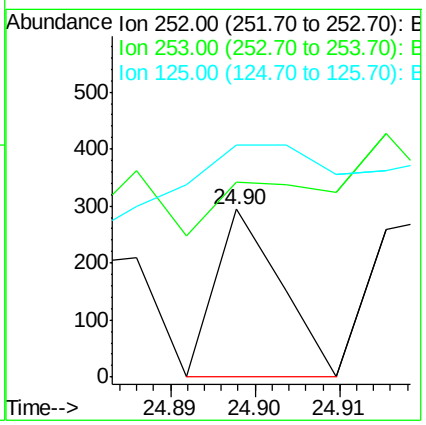


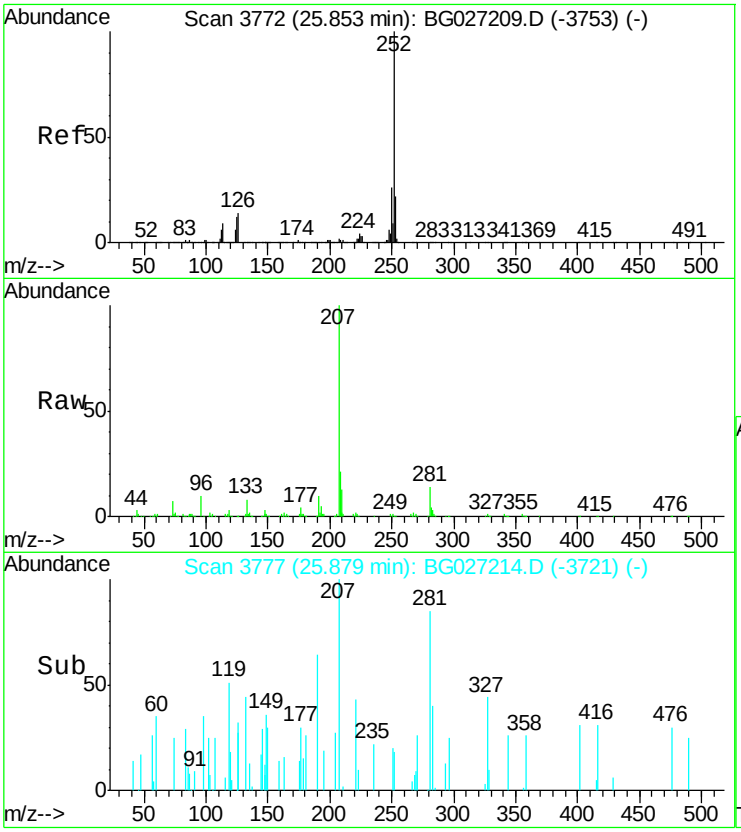


#88
Benzo(k)fluoranthene
Concen: 0.006 ng
RT: 24.90 min Scan# 3610
Delta R.T. -0.02 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion:252 Resp: 156

Ion	Ratio	Lower	Upper
252	100		
253	116.7	20.2	30.2#
125	138.8	5.1	7.7#





#89
Benzo(a)pyrene
Concen: 0.035 ng
RT: 25.88 min Scan# 3777
Delta R.T. 0.03 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 815

Ion	Ratio	Lower	Upper
252	100		
253	93.2	19.2	28.8#
125	143.4	5.4	8.0#