Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071417\
Data File : BG027940.D
Acq On : 15 Jul 2017 00:58
Operator : SJ/JU
Sample : PB100554BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 15 01:36:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG071417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 16:10:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	56940	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	231705	20.00	ng	0.00
38) Acenaphthene-d10	14.98	164	162050	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	435196	20.00	ng	0.00
75) Chrysene-d12	22.06	240	523280	20.00	ng	0.00
86) Perylene-d12	25.58	264	481436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.95	112	440588	138.40	ng	0.00
7) Phenol-d6	7.52	99	567781	123.80	ng	0.00
23) Nitrobenzene-d5	9.54	82	335846	80.99	ng	0.00
41) 2,4,6-Tribromophenol	16.47	330	340029	141.59	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	1051607	85.58	ng	0.00
78) Terphenyl-d14	20.31	244	1871299	80.86	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	128	0.11	ng	# 1
4) n-Nitrosodimethylamine	4.20	42	141	0.07	ng	# 1
6) Aniline	7.90	93	649	0.12	ng	# 1
9) Benzaldehyde	7.52	77	950	0.38	ng	# 10
10) Phenol	7.53	94	59	0.01	ng	# 1
11) bis(2-Chloroethyl)ether	7.90	93	649	0.18	ng	# 1
14) 1,2-Dichlorobenzene	8.72	146	56	0.01	ng	# 1
15) Benzyl Alcohol	8.70	79	6304	2.25	ng	# 58
24) Nitrobenzene	9.54	77	1258	0.29	ng	# 45
25) Isophorone	9.98	82	54	0.01	ng	# 67
45) 1,1'-Biphenyl	13.82	154	1201	0.09	ng	68
51) Acenaphthene	14.98	154	710	0.07	ng	# 6
59) Diethylphthalate	15.77	149	53	0.00	ng	# 56
62) Azobenzene	16.48	77	1062	0.10	ng	# 27
65) n-Nitrosodiphenylamine	16.46	169	10899	0.86	ng	# 50
70) Phenanthrene	17.73	178	62	0.00	ng	# 1
71) Anthracene	17.73	178	62	0.00	ng	# 1
76) Benzidine	20.19	184	59	0.00	ng	# 64
77) Pyrene	20.31	202	6802	0.24	ng	# 77
79) Butylbenzylphthalate	21.02	149	94	0.01	ng	# 19
80) Benzo(a)anthracene	22.06	228	1415	0.05	ng	# 65
82) Chrysene	22.11	228	61	0.00	ng	# 46
83) Bis(2-ethylhexyl)phthalate	21.90	149	502	0.03	ng	# 51
84) Di-n-octyl phthalate	23.29	149	68	0.00	ng	# 1
89) Benzo(a)pyrene	25.59	252	1595	0.06	ng	# 58

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071417\
Data File : BG027940.D
Acq On : 15 Jul 2017 00:58
Operator : SJ/JU
Sample : PB100554BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 15 01:36:10 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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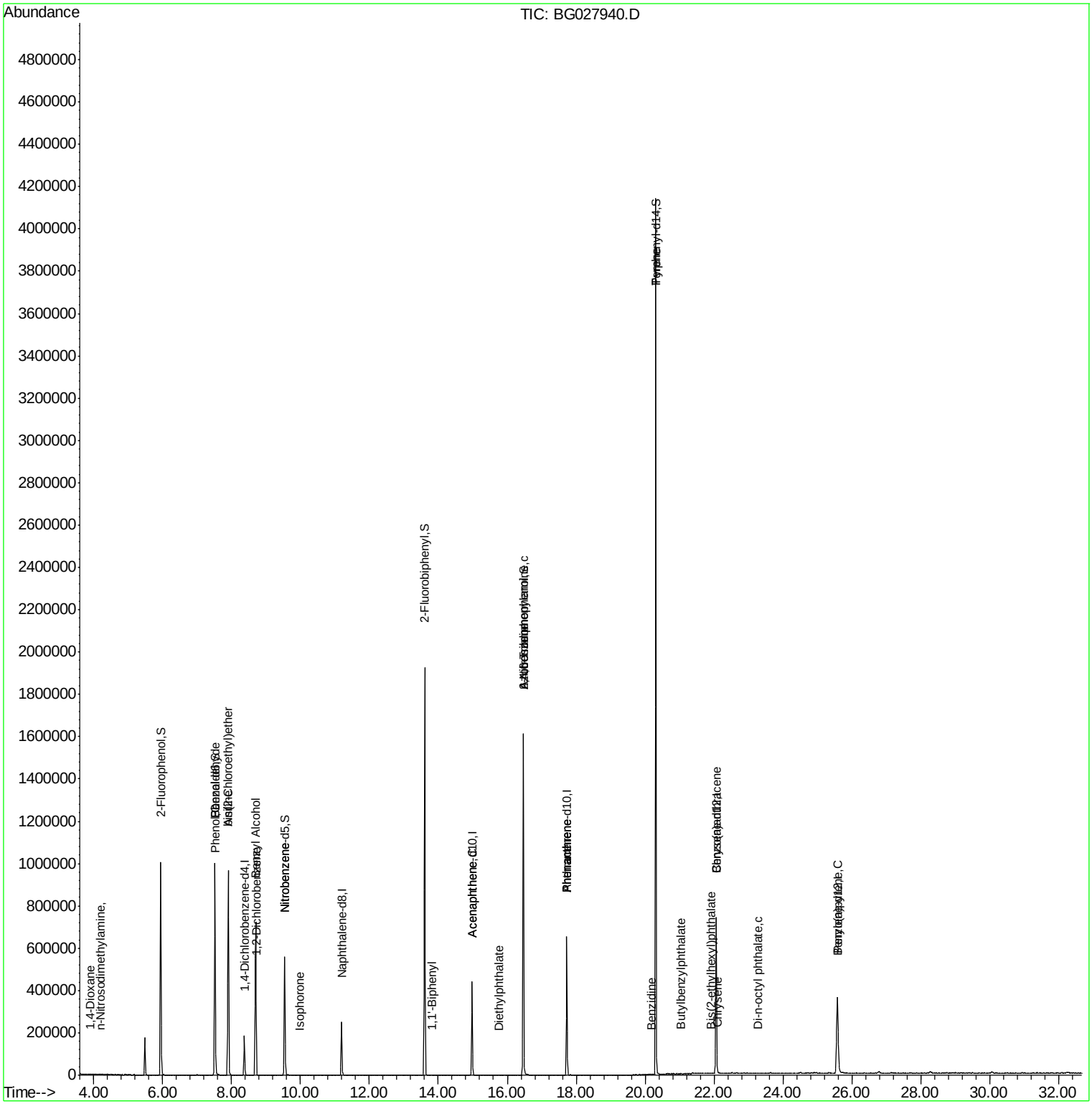
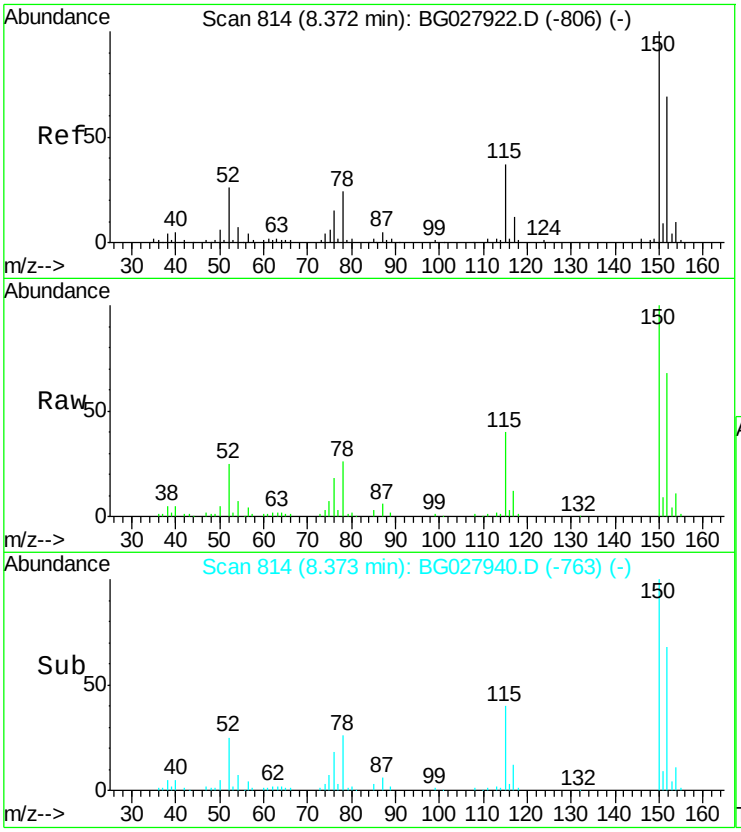


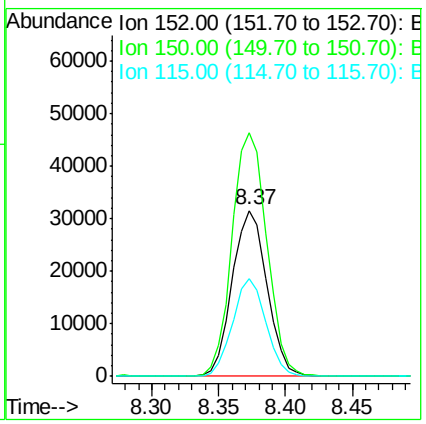


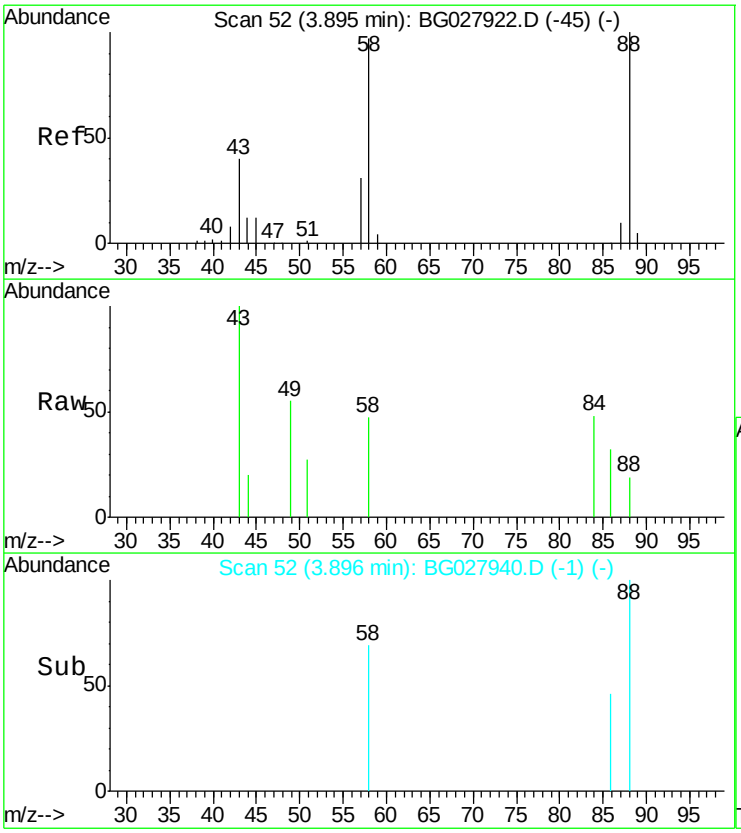
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.37 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 56940

Ion	Ratio	Lower	Upper
152	100		
150	146.8	114.0	171.0
115	59.1	48.1	72.1

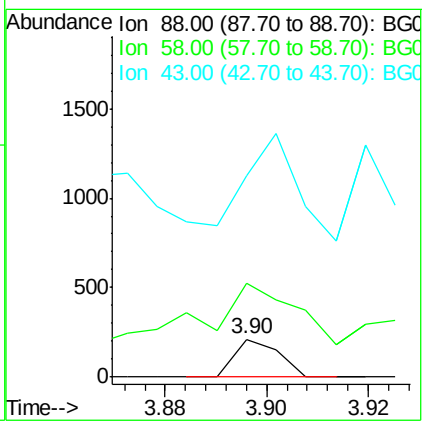


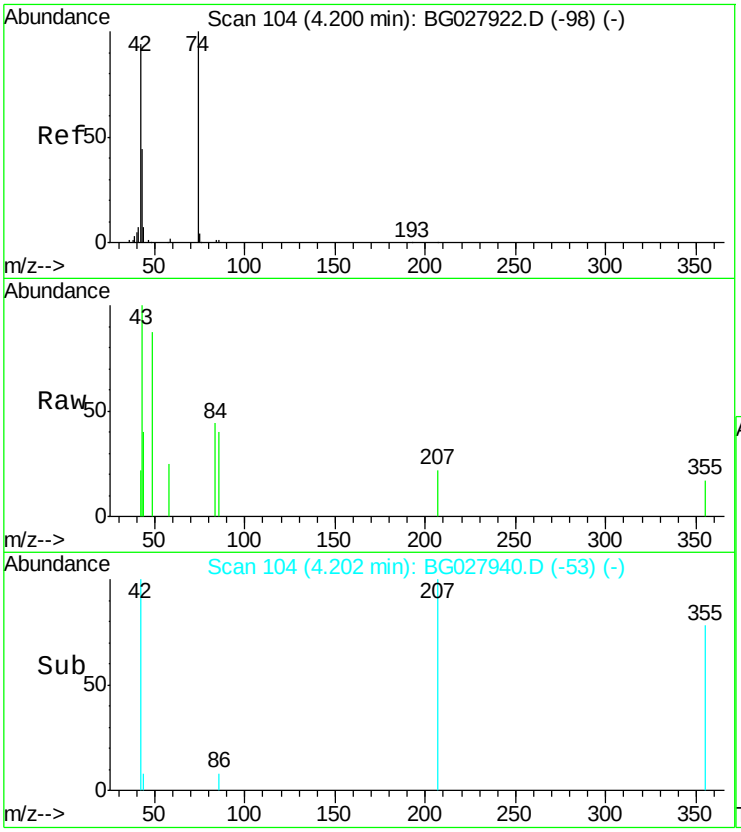


#2
1,4-Dioxane
Concen: 0.11 ng
RT: 3.90 min Scan# 52
Delta R.T. 0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion: 88 Resp: 128

Ion	Ratio	Lower	Upper
88	100		
58	326.6	79.4	119.2#
43	318.8	33.8	50.6#



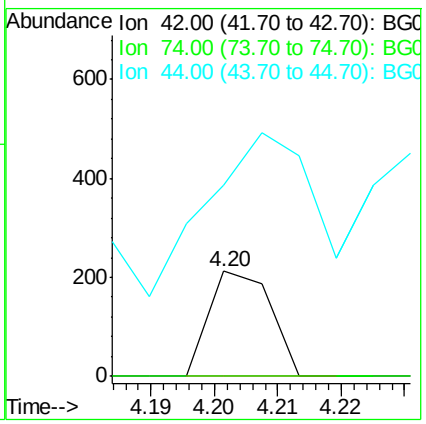


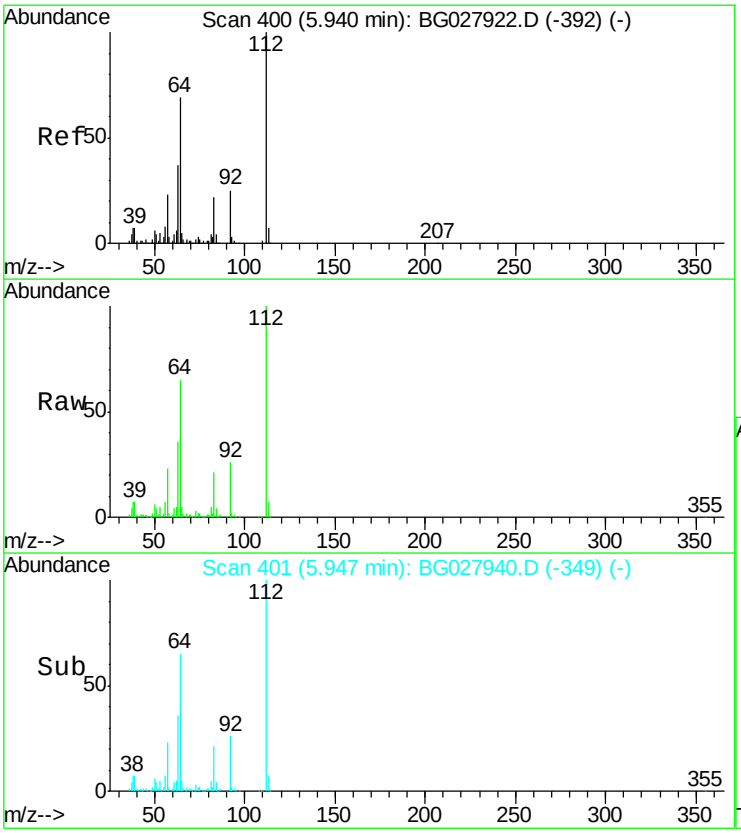
#4
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 4.20 min Scan# 104
Delta R.T. 0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 141

Ion	Ratio	Lower	Upper
42	100		
74	0.0	76.7	115.1#
44	182.1	6.1	9.1#

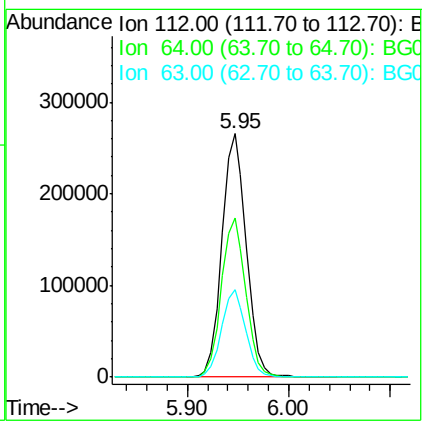


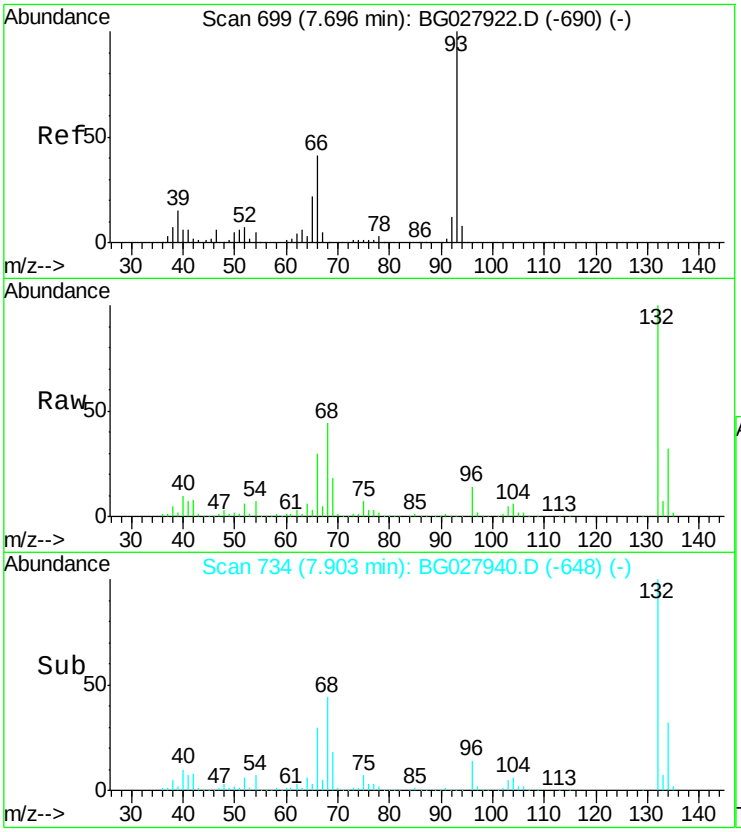


#5
2-Fluorophenol
Concen: 138.40 ng
RT: 5.95 min Scan# 401
Delta R.T. 0.01 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion:112 Resp: 440588

Ion	Ratio	Lower	Upper
112	100		
64	65.3	61.8	92.6
63	35.9	37.2	55.8#



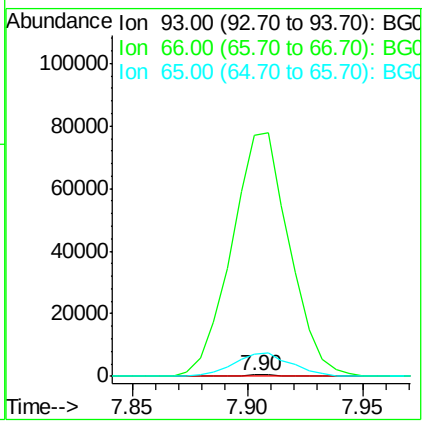


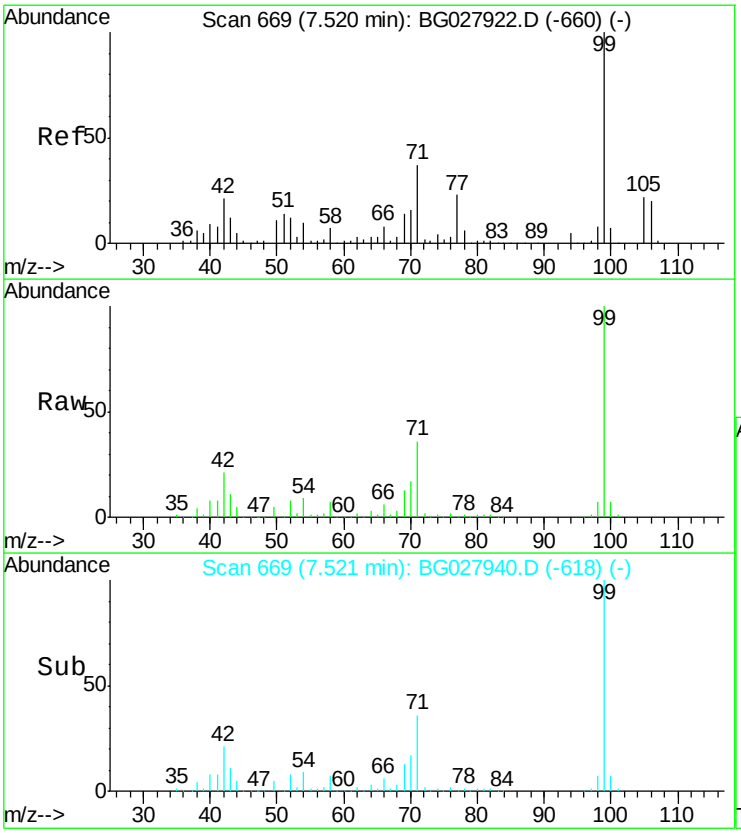
#6
Aniline
Concen: 0.12 ng
RT: 7.90 min Scan# 734
Delta R.T. 0.21 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 649

Ion	Ratio	Lower	Upper
93	100		
66	21838.6	35.4	53.2#
65	2005.7	21.2	31.8#

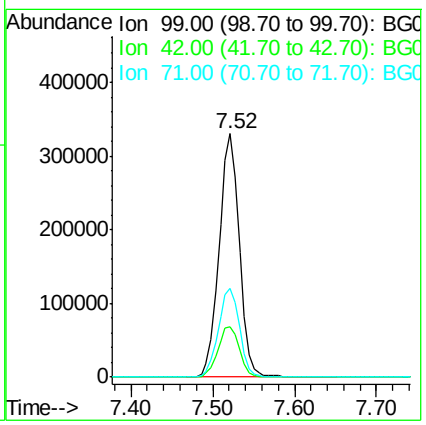


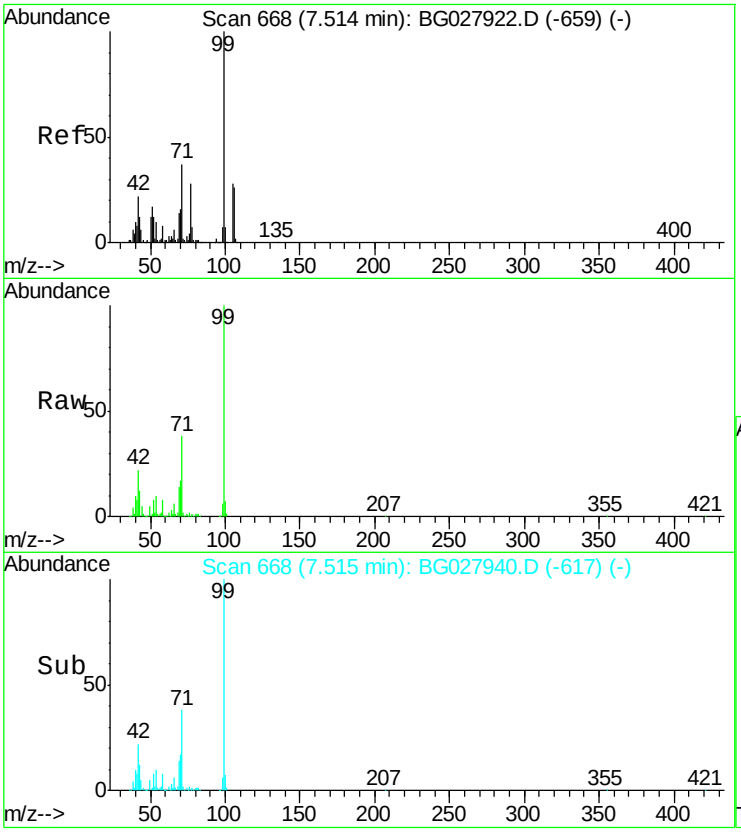


#7
Phenol-d6
Concen: 123.80 ng
RT: 7.52 min Scan# 669
Delta R.T. 0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion: 99 Resp: 567781

Ion	Ratio	Lower	Upper
99	100		
42	20.7	20.5	30.7
71	36.3	37.6	56.4#



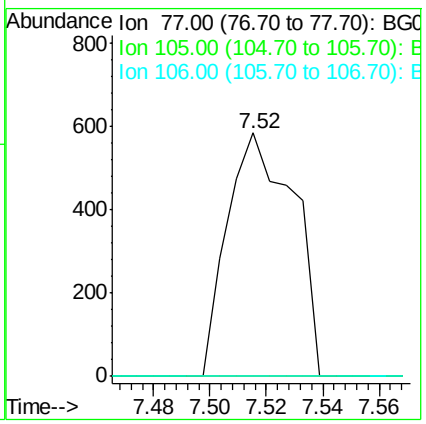


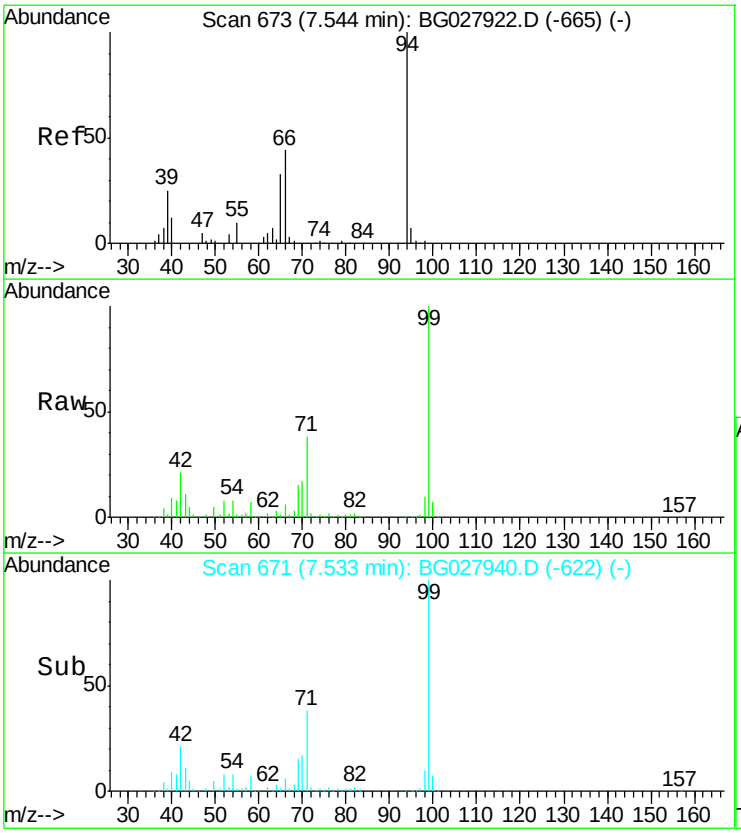
#9
Benzaldehyde
Concen: 0.38 ng
RT: 7.52 min Scan# 668
Delta R.T. 0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 950

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

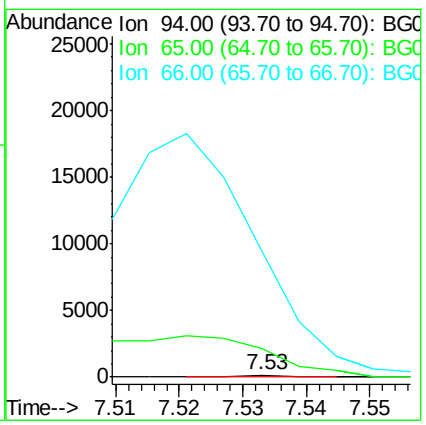


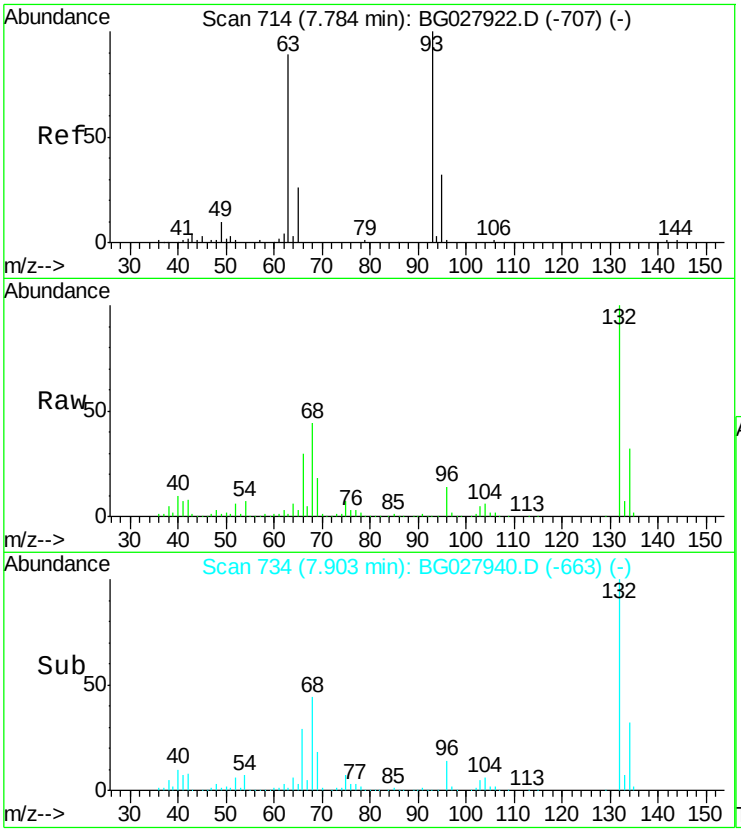


#10
Phenol
Concen: 0.01 ng
RT: 7.53 min Scan# 671
Delta R.T. -0.01 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion: 94 Resp: 59

Ion	Ratio	Lower	Upper
94	100		
65	1264.5	20.6	60.6#
66	5715.1	35.5	75.5#



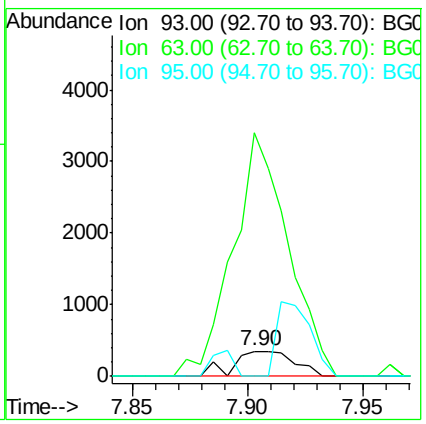


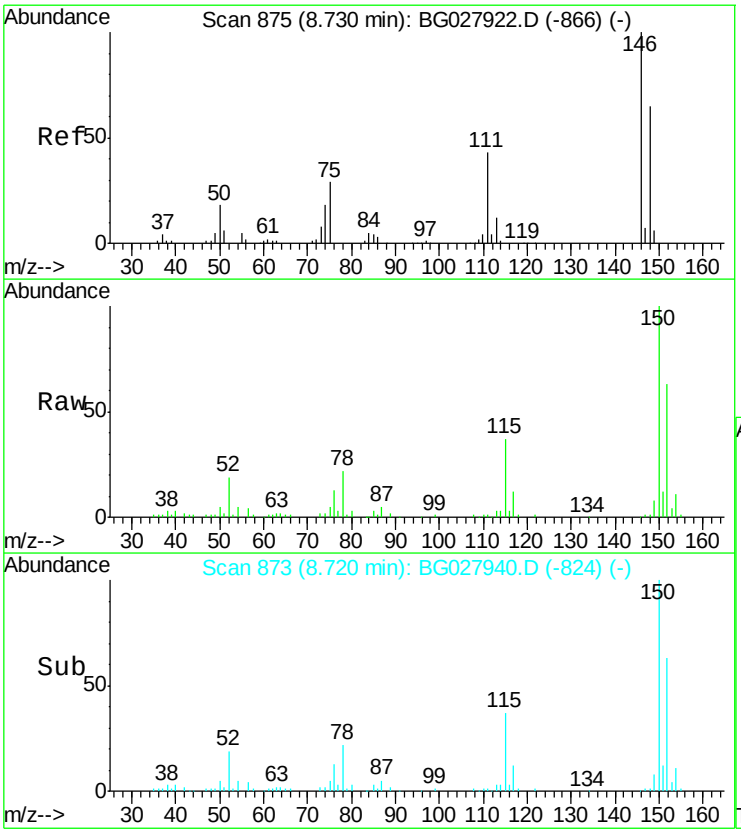
#11
bis(2-Chloroethyl)ether
Concen: 0.18 ng
RT: 7.90 min Scan# 734
Delta R.T. 0.12 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 649

Ion	Ratio	Lower	Upper
93	100		
63	965.9	78.5	118.5#
95	0.0	9.8	49.8#

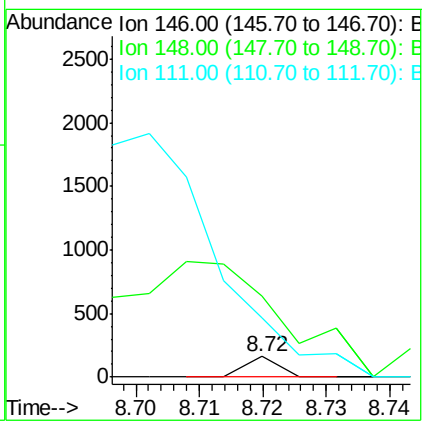


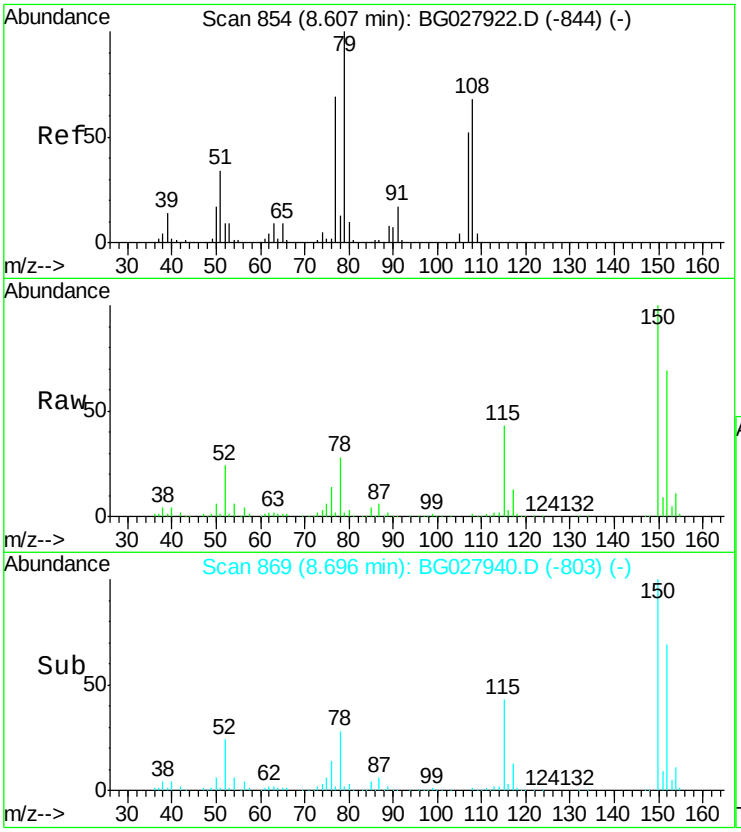


#14
1,2-Dichlorobenzene
Concen: 0.01 ng
RT: 8.72 min Scan# 873
Delta R.T. -0.01 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion:146 Resp: 56

Ion	Ratio	Lower	Upper
146	100		
148	398.1	54.6	81.8#
111	291.3	39.7	59.5#



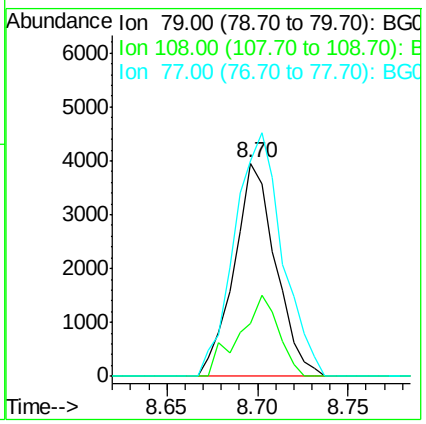


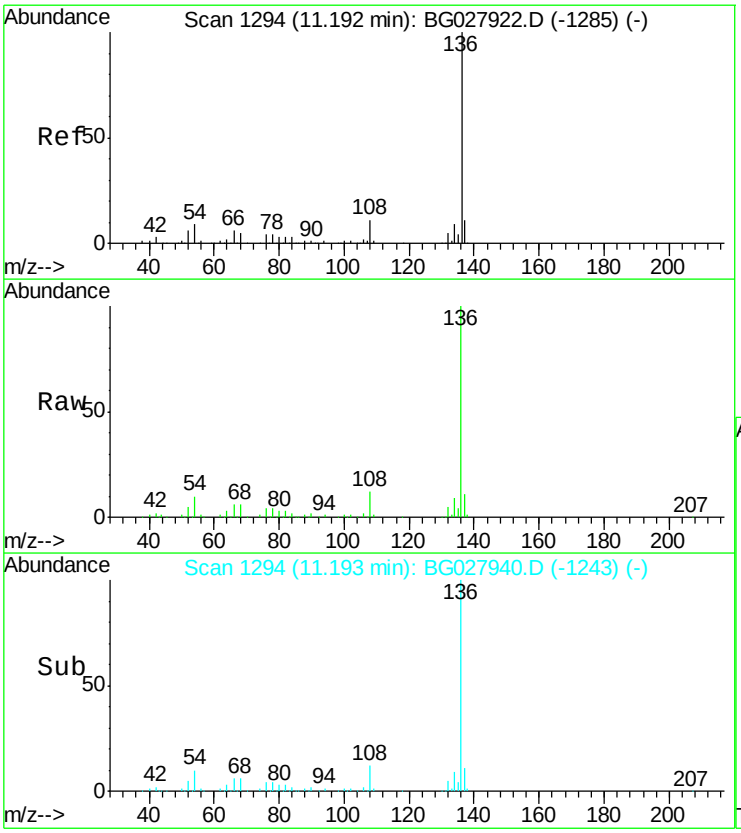
#15
Benzyl Alcohol
Concen: 2.25 ng
RT: 8.70 min Scan# 869
Delta R.T. 0.09 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 6304

Ion	Ratio	Lower	Upper
79	100		
108	24.6	45.5	68.3#
77	101.0	54.3	81.5#

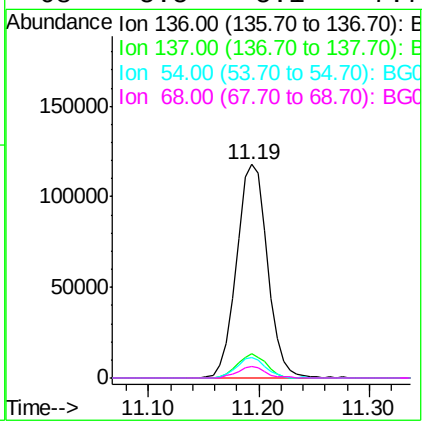


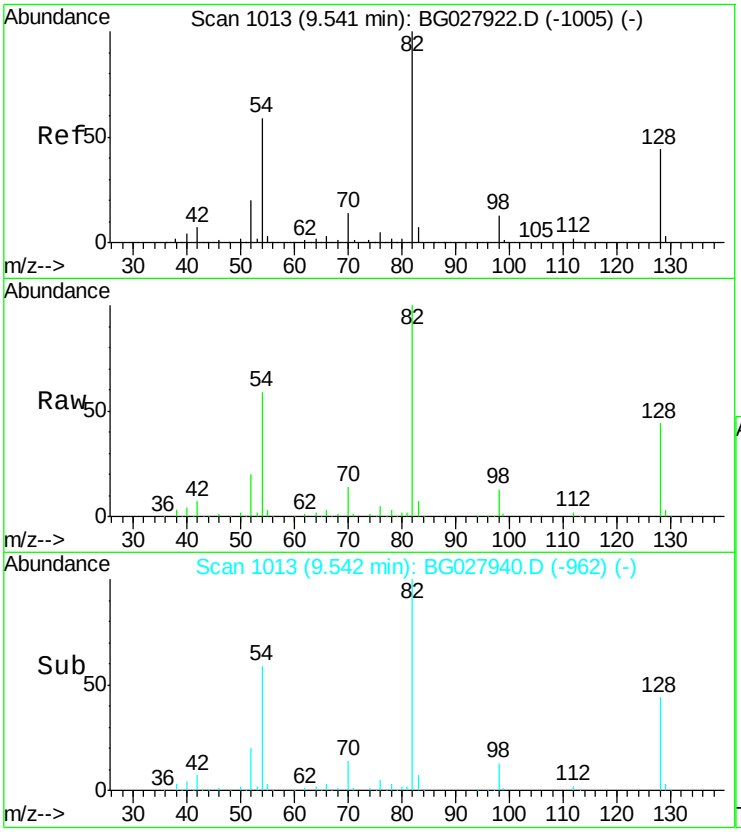


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.19 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion:136 Resp: 231705

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.9	9.3	13.9
68	5.5	5.1	7.7



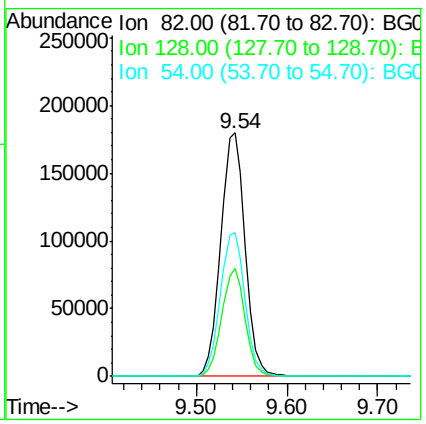


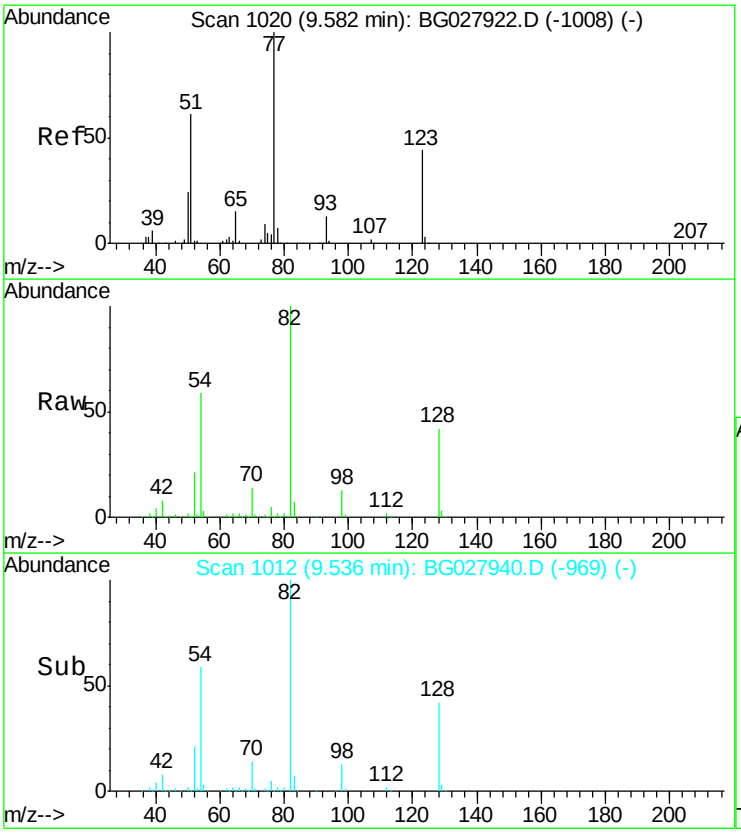
#23
Nitrobenzene-d5
Concen: 80.99 ng
RT: 9.54 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 335846

Ion	Ratio	Lower	Upper
82	100		
128	44.2	26.4	39.6#
54	59.2	49.4	74.2

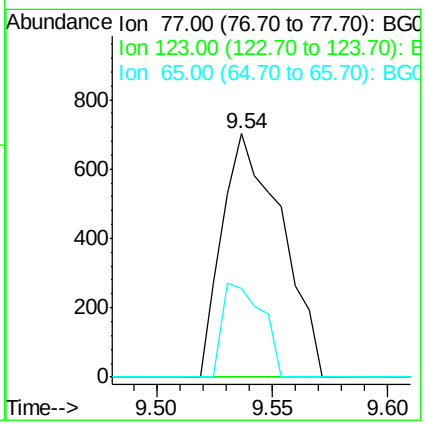


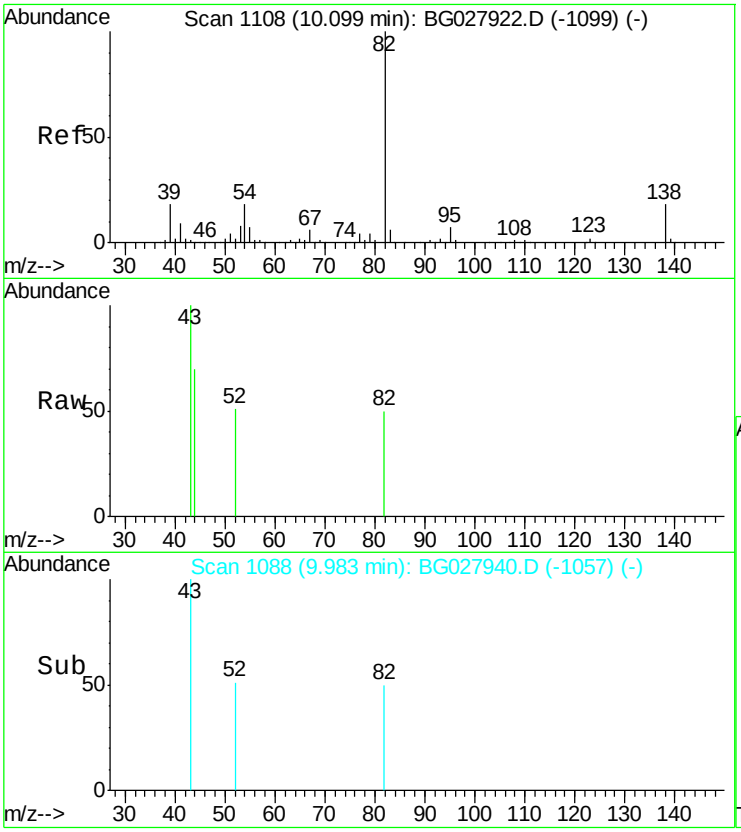


#24
Nitrobenzene
Concen: 0.29 ng
RT: 9.54 min Scan# 1012
Delta R.T. -0.05 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion: 77 Resp: 1258

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	36.6	12.4	18.6#



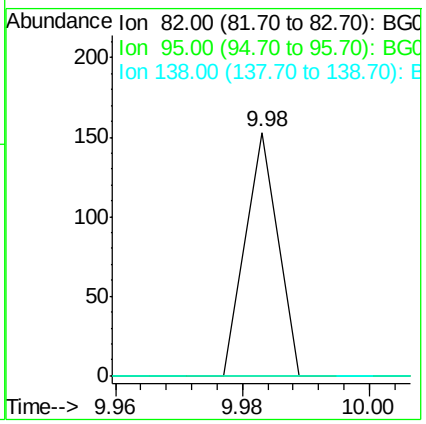


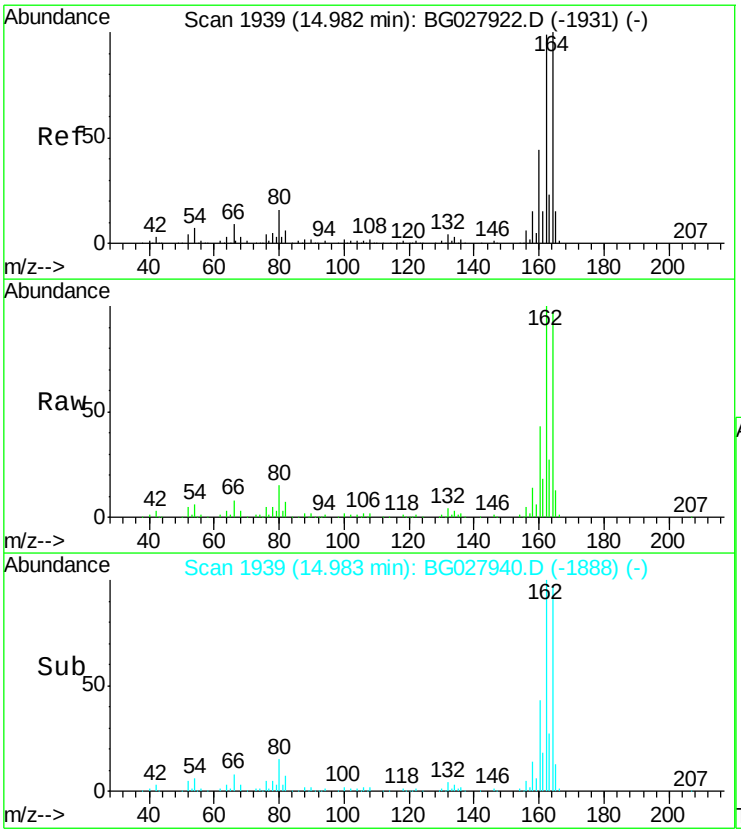
#25
Isophorone
Concen: 0.01 ng
RT: 9.98 min Scan# 1088
Delta R.T. -0.12 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 54

Ion	Ratio	Lower	Upper
82	100		
95	0.0	7.5	11.3#
138	0.0	12.3	18.5#

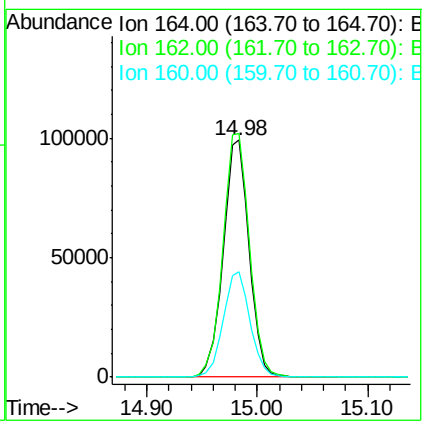


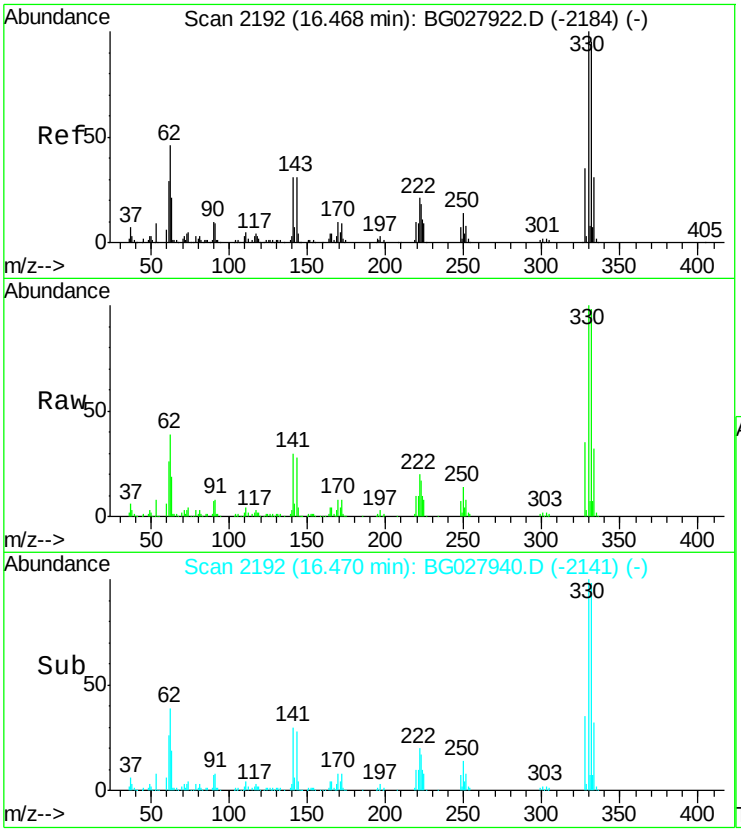


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.98 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion:164 Resp: 162050

Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.1	127.7
160	44.5	34.7	52.1



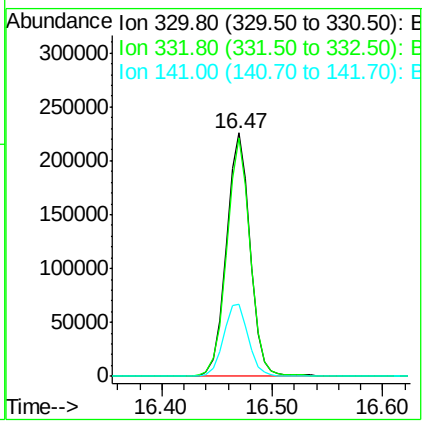


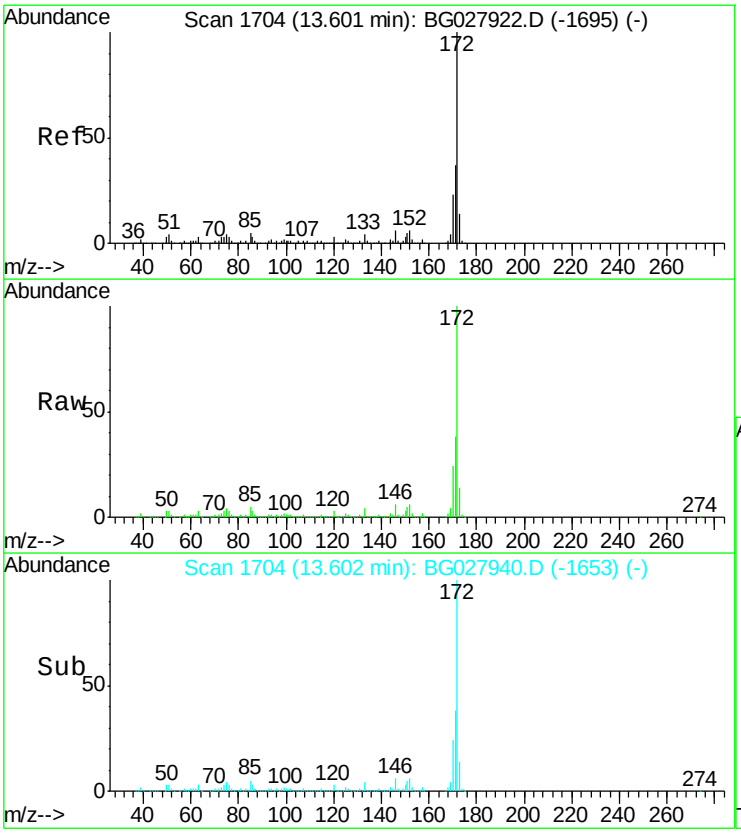
#41
2,4,6-Tribromophenol
Concen: 141.59 ng
RT: 16.47 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 340029

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	31.1	32.1	48.1#

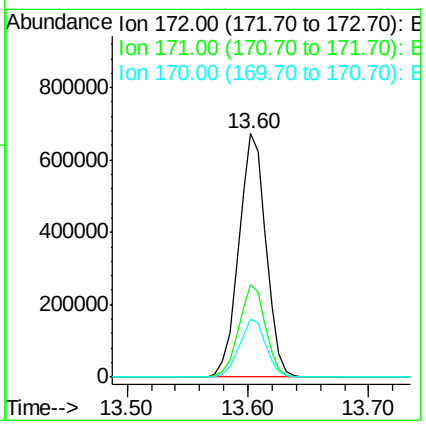


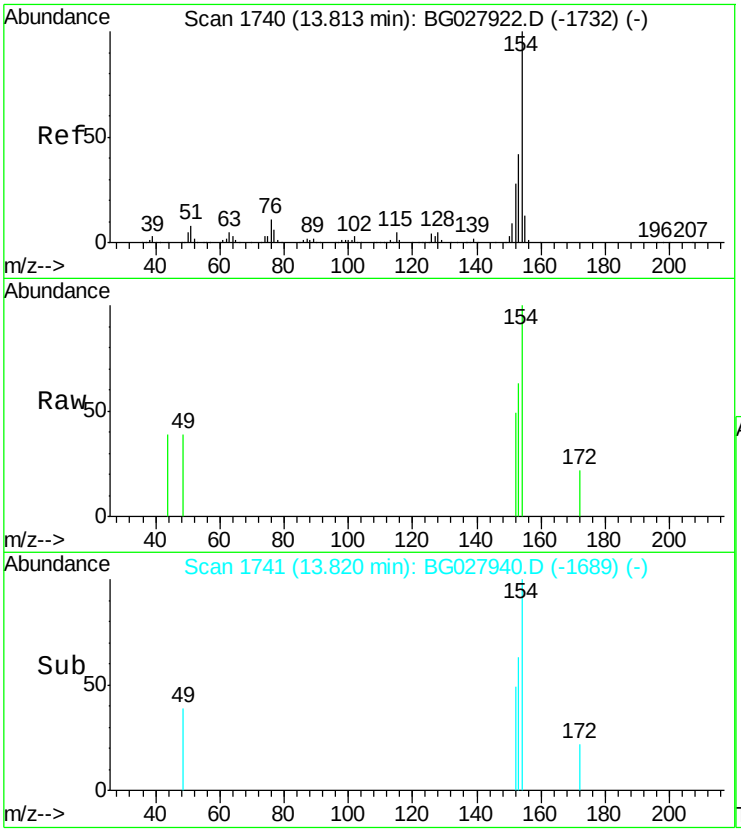


#44
2-Fluorobiphenyl
Concen: 85.58 ng
RT: 13.60 min Scan# 1704
Delta R.T. 0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion:172 Resp: 1051607

Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	23.6	21.8	32.6



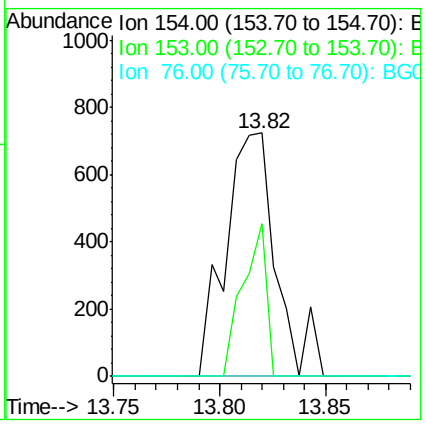


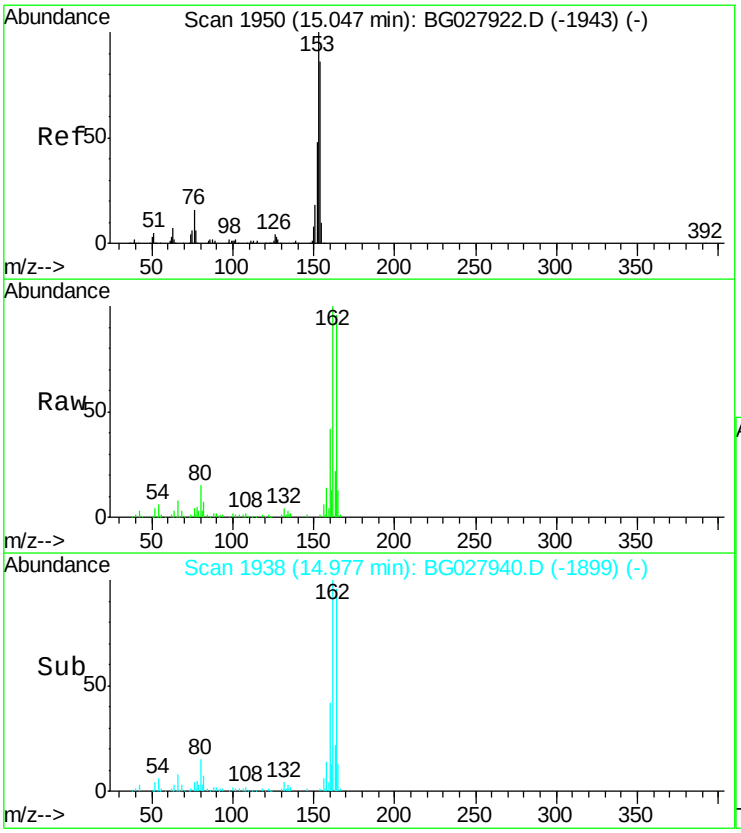
#45
1,1'-Biphenyl
Concen: 0.09 ng
RT: 13.82 min Scan# 1741
Delta R.T. 0.01 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 1201

Ion	Ratio	Lower	Upper
154	100		
153	62.8	23.0	63.0
76	0.0	0.0	33.5

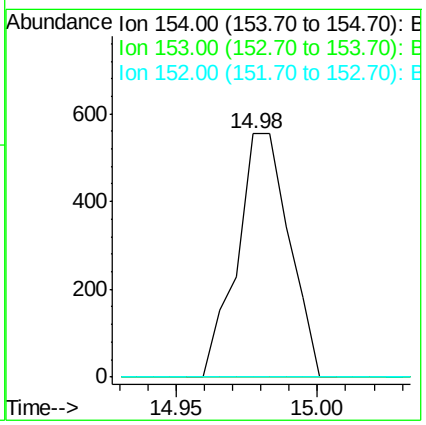


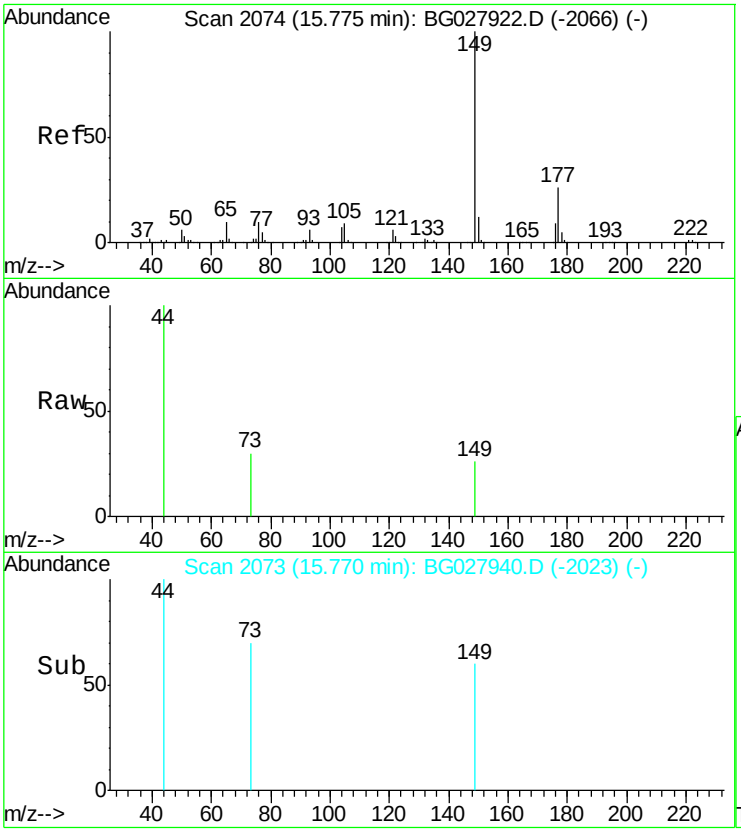


#51
Acenaphthene
Concen: 0.07 ng
RT: 14.98 min Scan# 1938
Delta R.T. -0.07 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion:154 Resp: 710

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



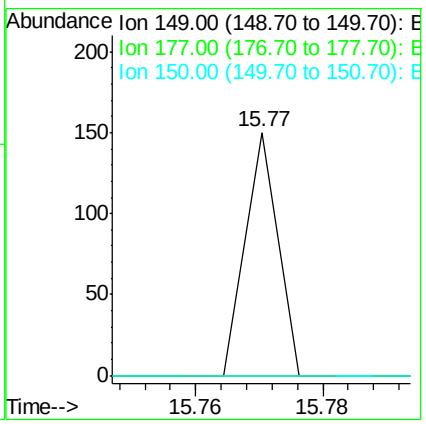


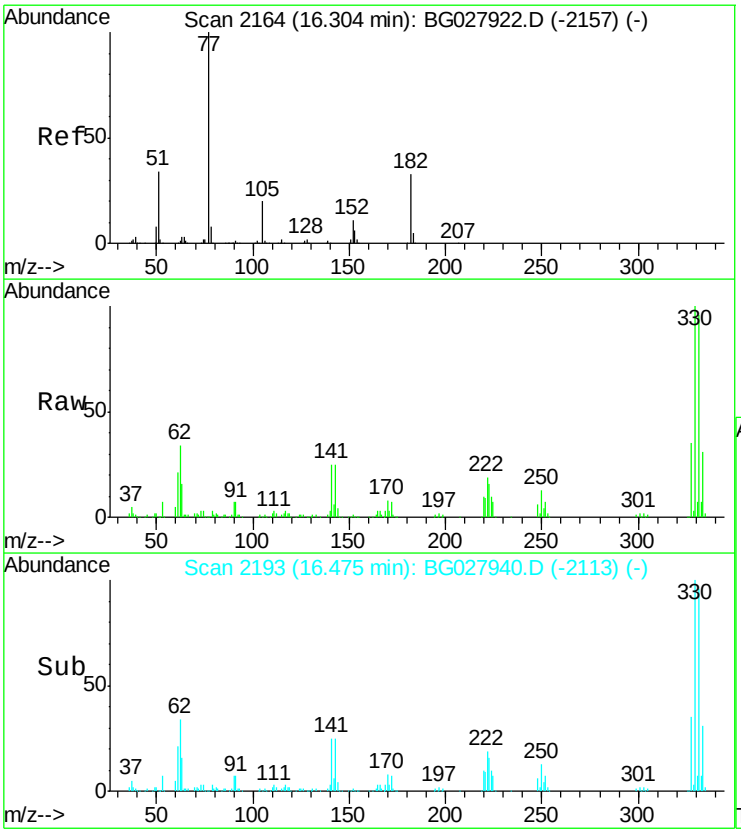
#59
Diethylphthalate
Concen: 0.00 ng
RT: 15.77 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 53

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

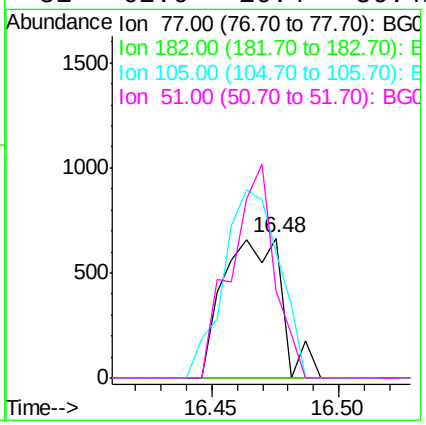


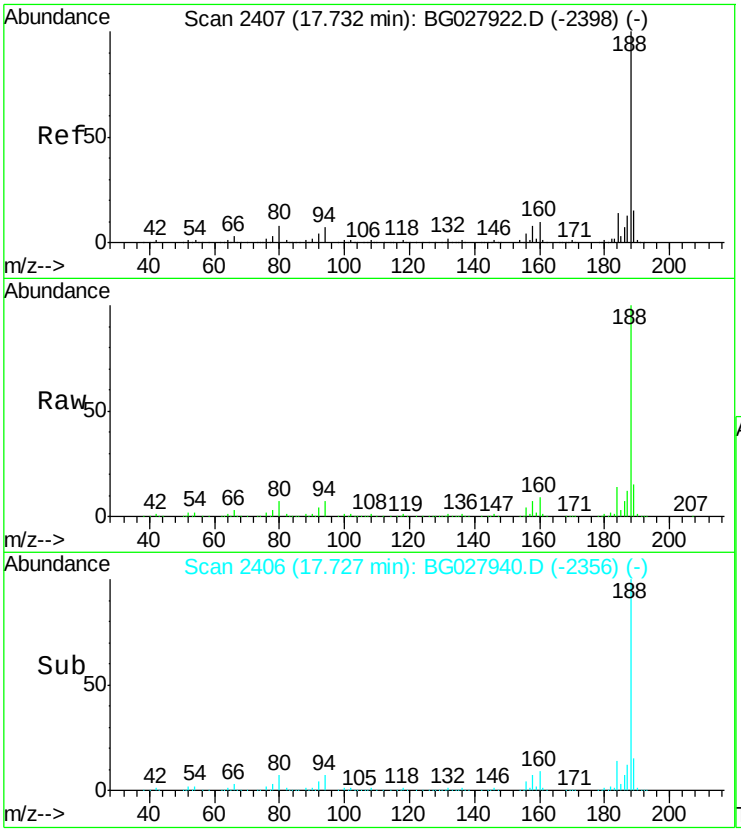


#62
Azobenzene
Concen: 0.10 ng
RT: 16.48 min Scan# 2193
Delta R.T. 0.17 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion: 77 Resp: 1062

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.7	44.7#
105	89.6	0.0	36.3#
51	62.6	16.4	56.4#



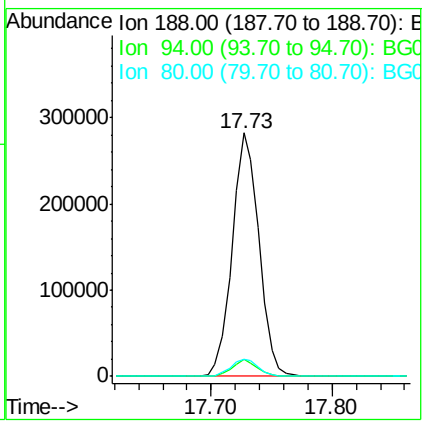


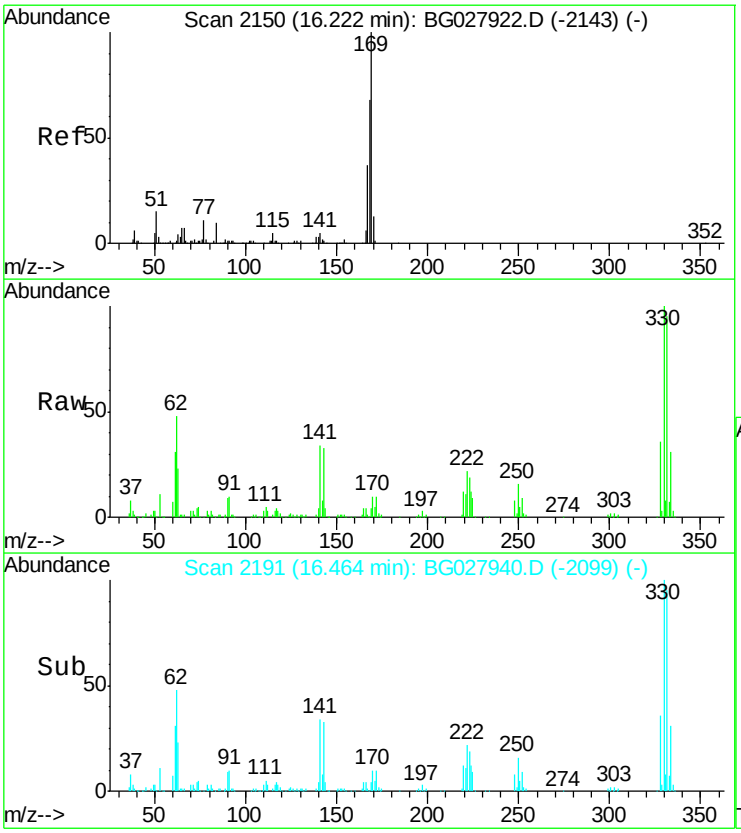
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.73 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 435196

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.8	8.8
80	6.8	7.5	11.3#

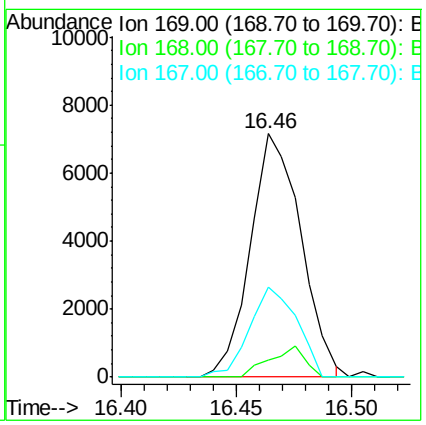


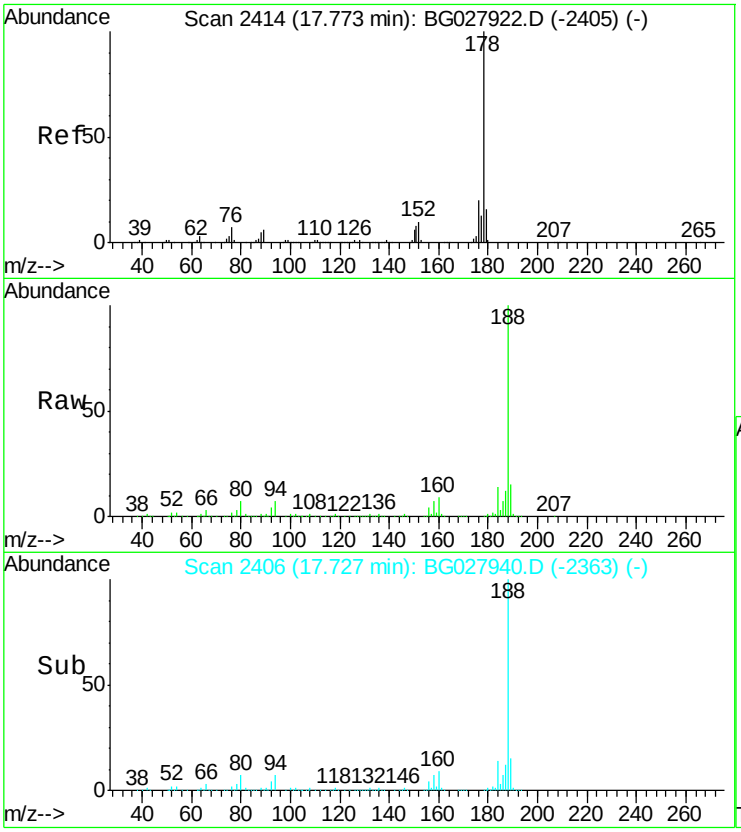


#65
n-Nitrosodiphenylamine
Concen: 0.86 ng
RT: 16.46 min Scan# 2191
Delta R.T. 0.24 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion:169 Resp: 10899

Ion	Ratio	Lower	Upper
169	100		
168	7.2	55.7	83.5#
167	37.0	29.8	44.6



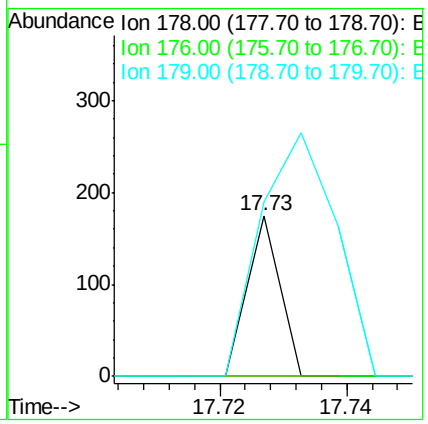


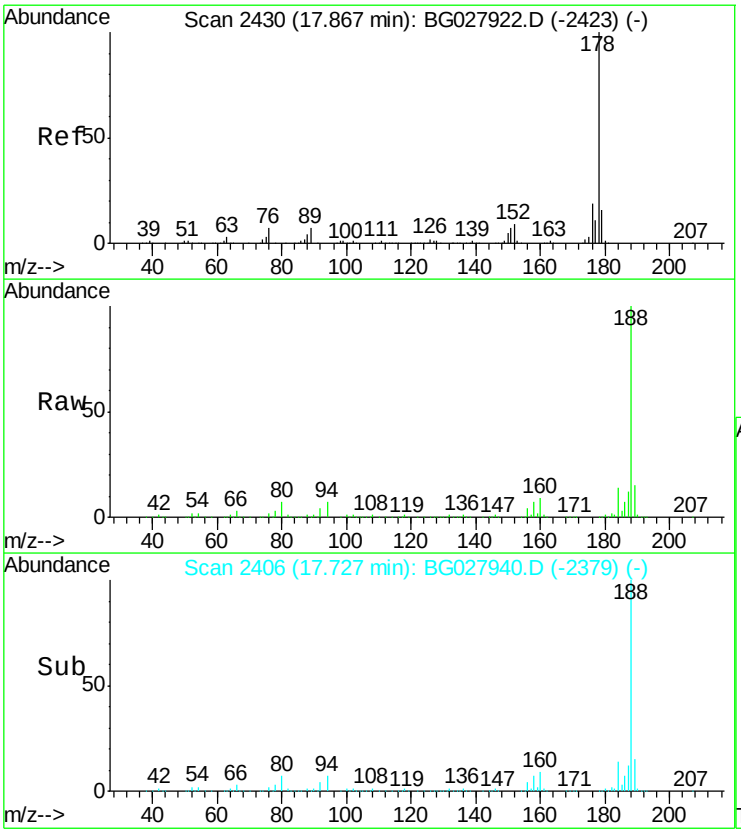
#70
Phenanthrene
Concen: 0.00 ng
RT: 17.73 min Scan# 2406
Delta R.T. -0.05 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 62

Ion	Ratio	Lower	Upper
178	100		
176	0.0	17.7	26.5#
179	108.6	15.0	22.6#

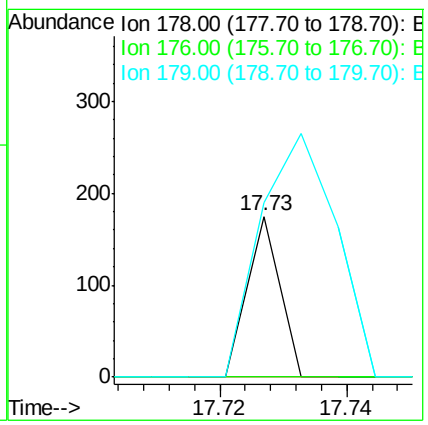


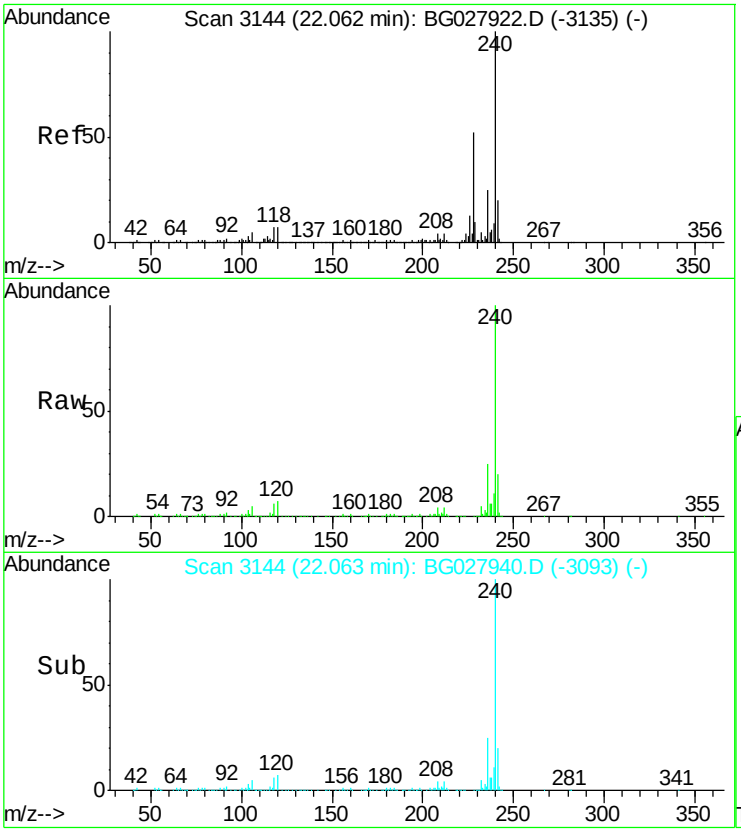


#71
Anthracene
Concen: 0.00 ng
RT: 17.73 min Scan# 2406
Delta R.T. -0.14 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion:178 Resp: 62

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.4	24.6#
179	108.6	13.8	20.8#



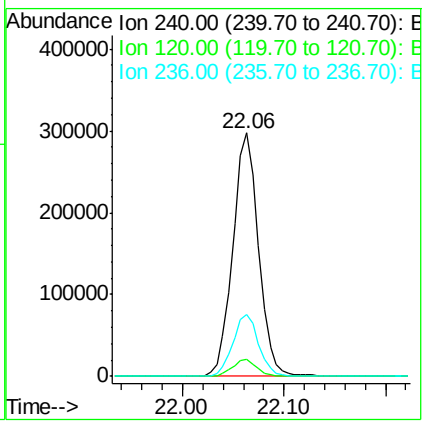


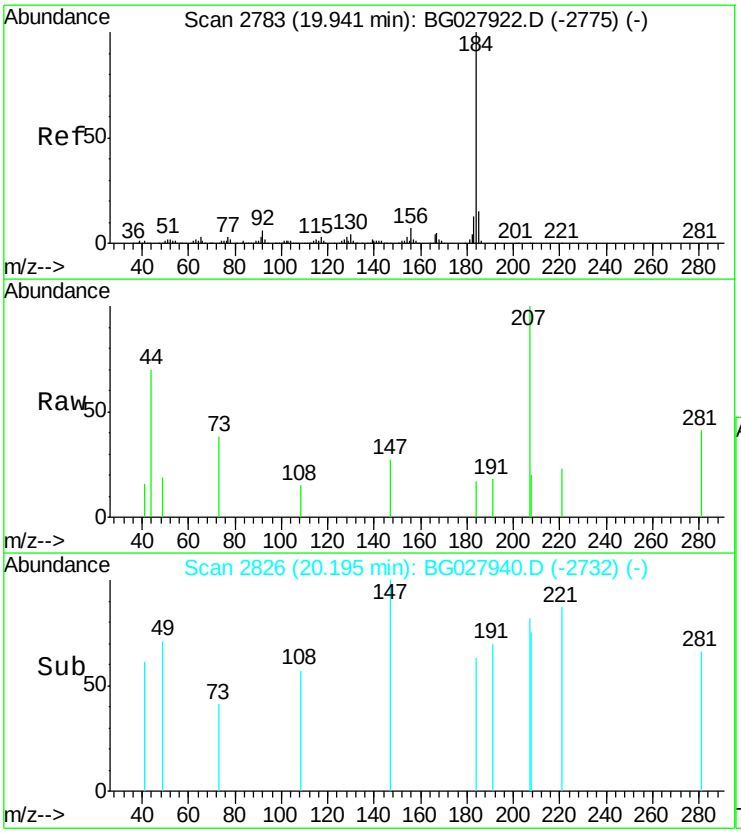
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.06 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 523280

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.7	8.5
236	25.3	22.2	33.4

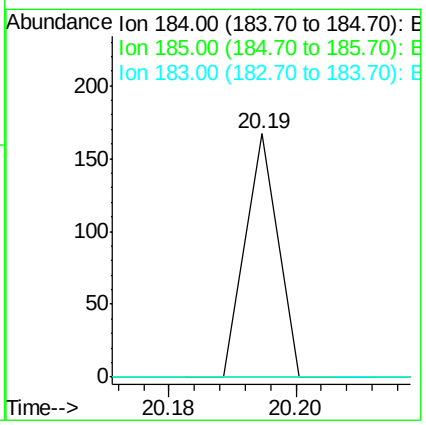


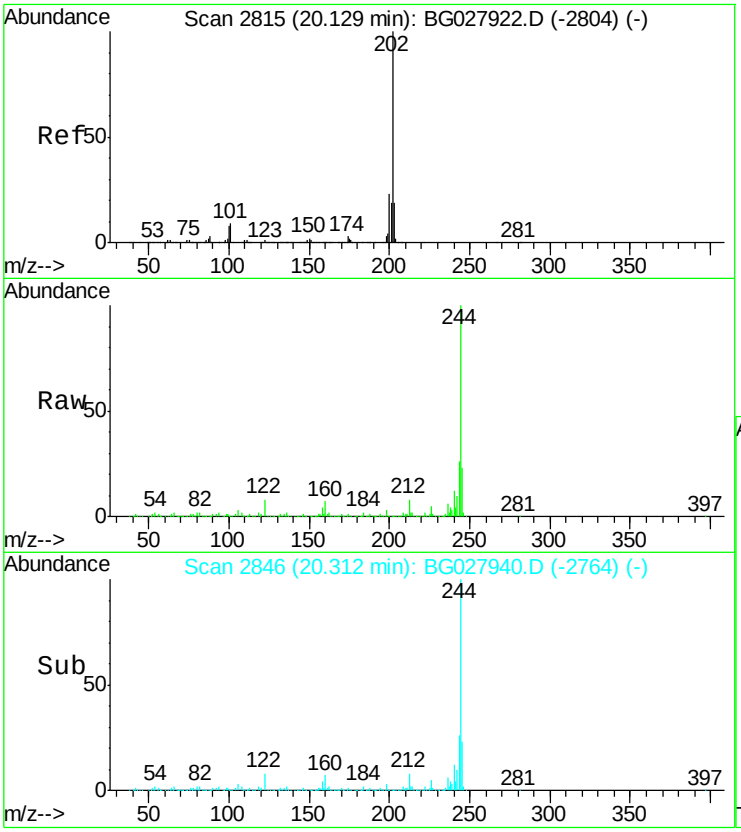


#76
Benzidine
Concen: 0.00 ng
RT: 20.19 min Scan# 2826
Delta R.T. 0.25 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion:184 Resp: 59

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



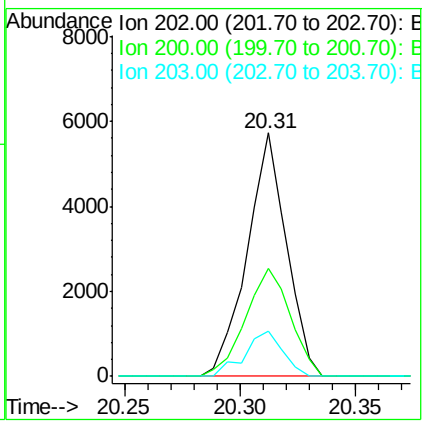


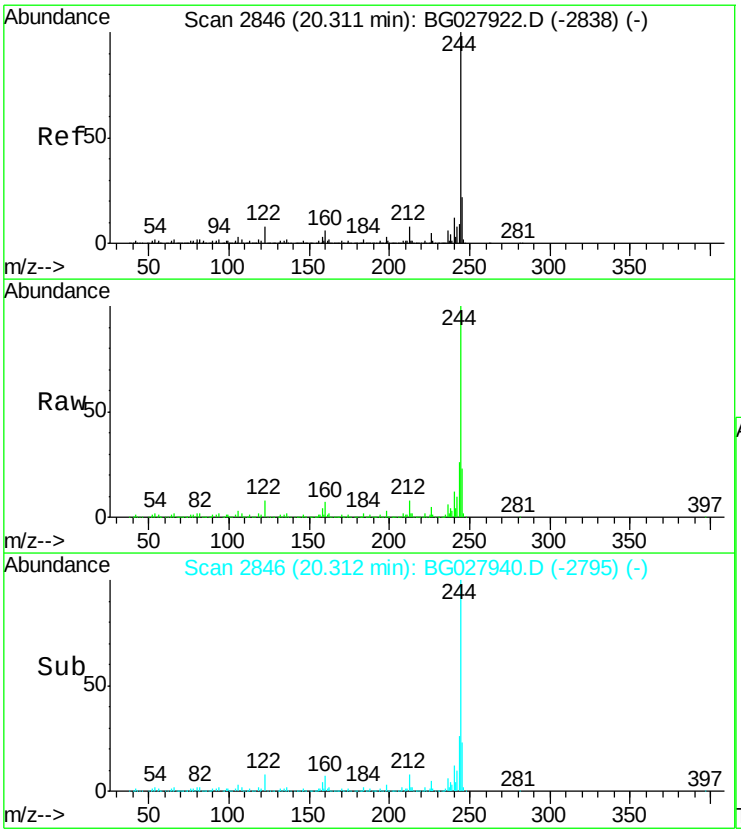
#77
Pyrene
Concen: 0.24 ng
RT: 20.31 min Scan# 2846
Delta R.T. 0.18 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 6802

Ion	Ratio	Lower	Upper
202	100		
200	44.3	19.6	29.4#
203	18.6	15.8	23.8

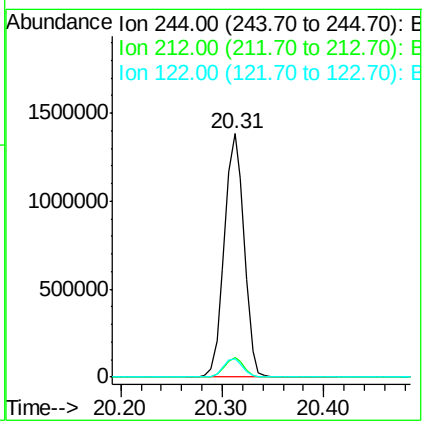


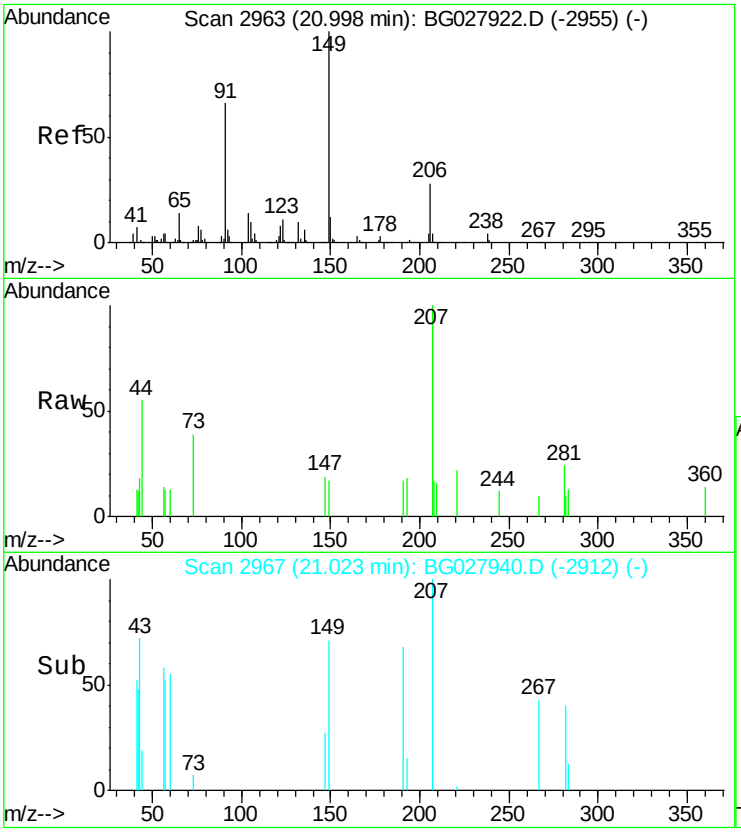


#78
Terphenyl-d14
Concen: 80.86 ng
RT: 20.31 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion:244 Resp: 1871299

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	7.8	8.6	12.8#



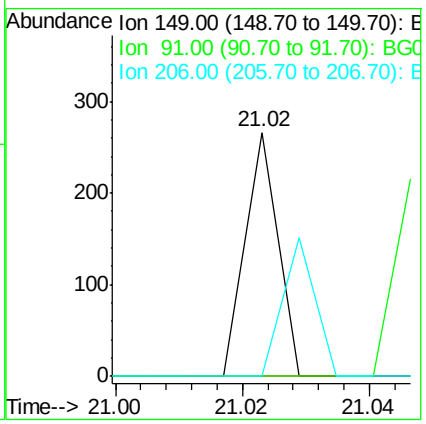


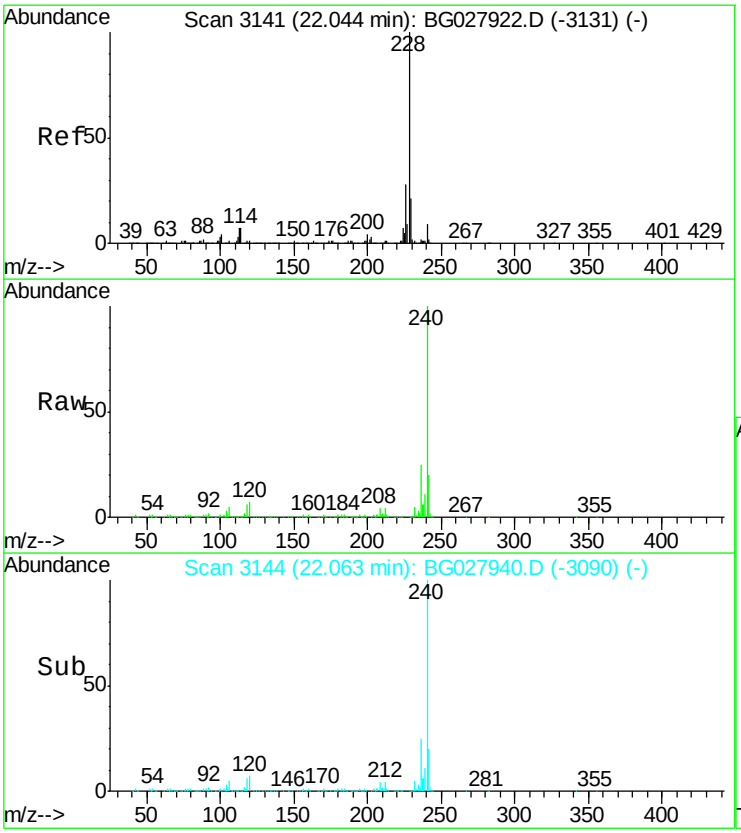
#79
Butylbenzylphthalate
Concen: 0.01 ng
RT: 21.02 min Scan# 2967
Delta R.T. 0.02 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 94

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

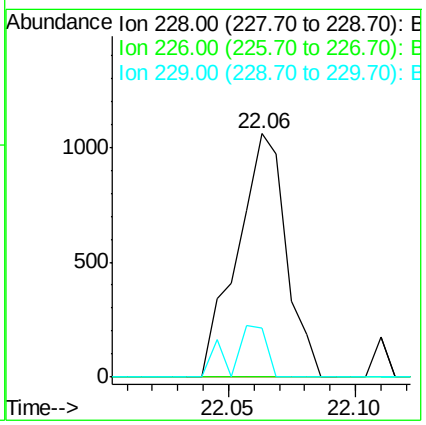


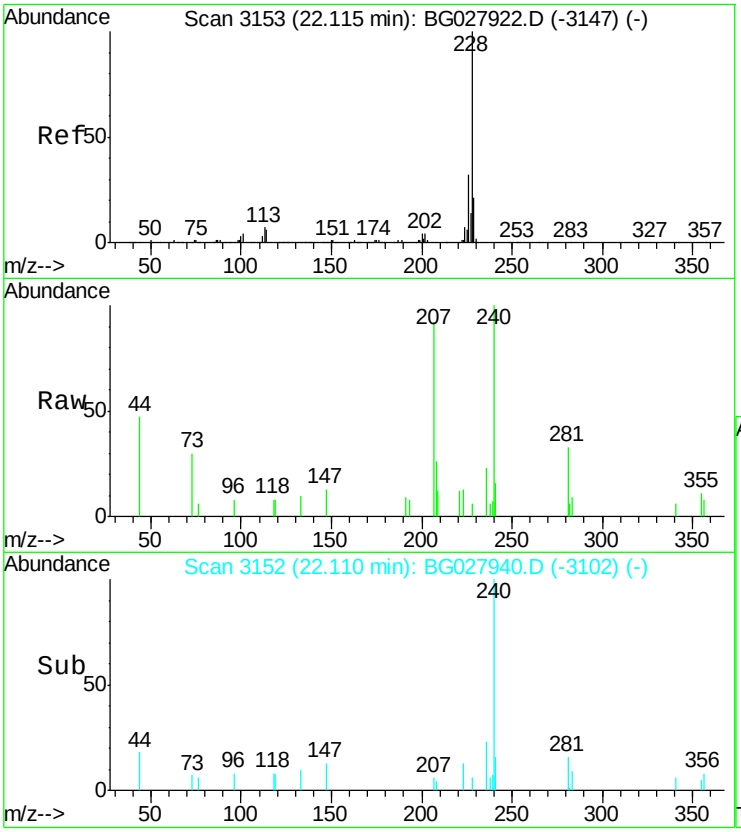


#80
Benzo(a)anthracene
Concen: 0.05 ng
RT: 22.06 min Scan# 3144
Delta R.T. 0.02 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion:228 Resp: 1415

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	20.3	18.2	27.2



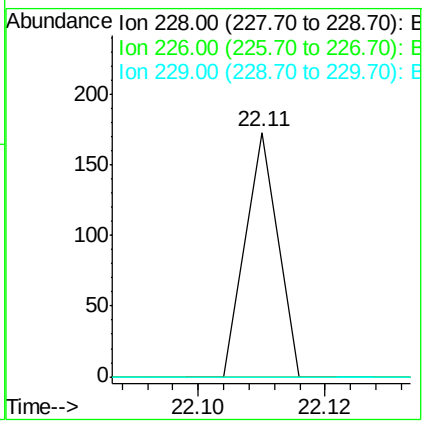


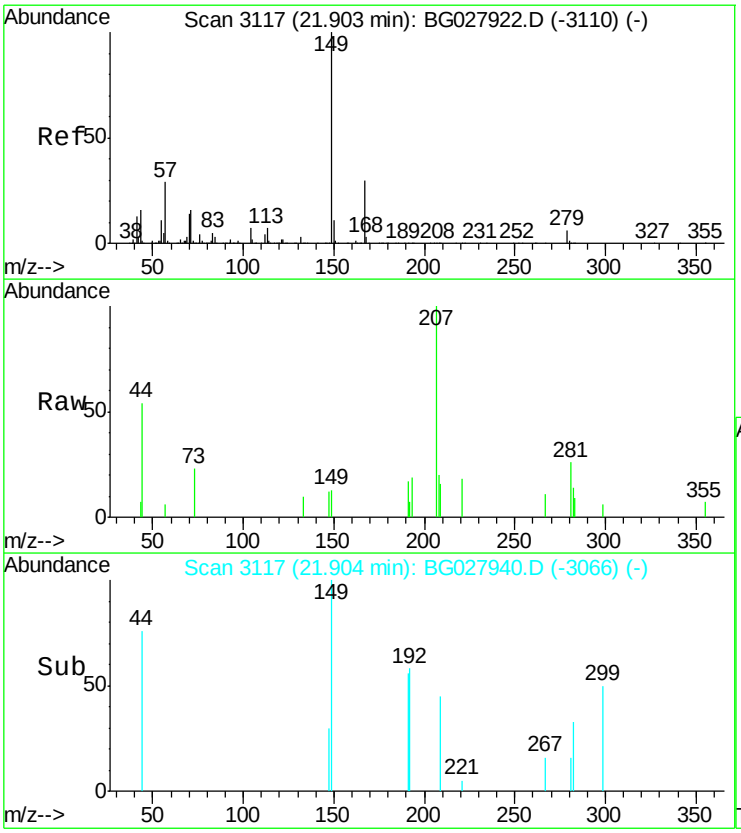
#82
Chrysene
Concen: 0.00 ng
RT: 22.11 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 61

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

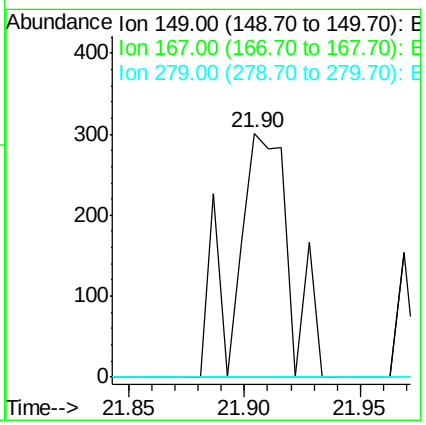


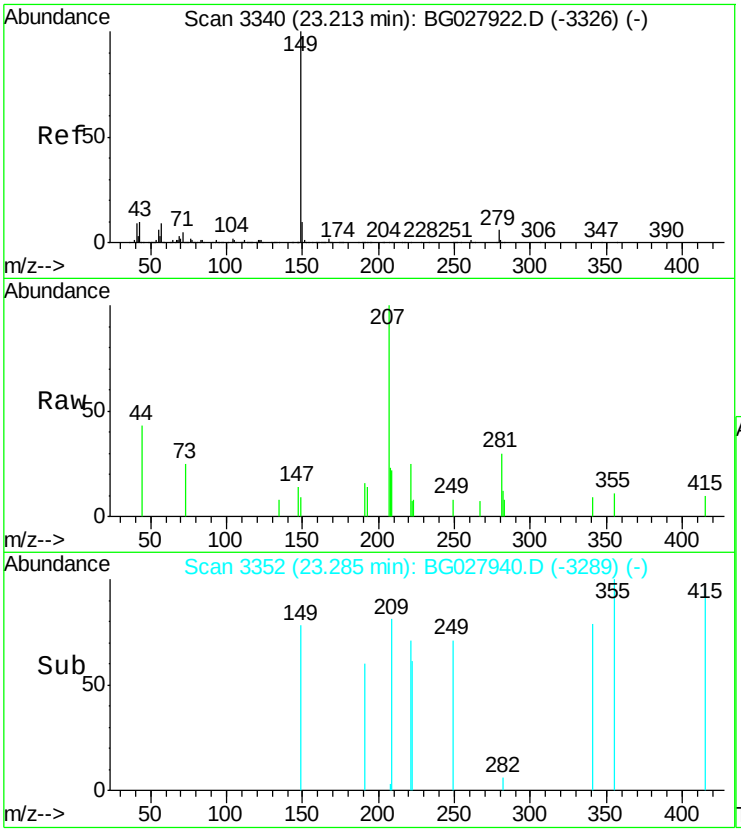


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.03 ng
RT: 21.90 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion:149 Resp: 502

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



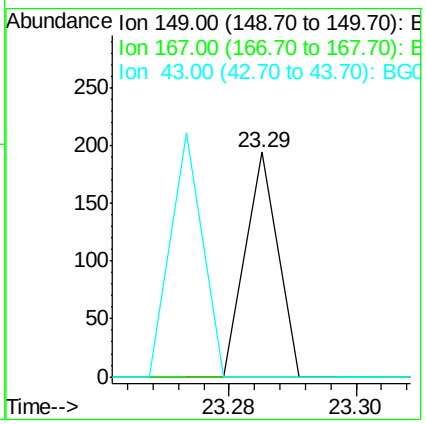


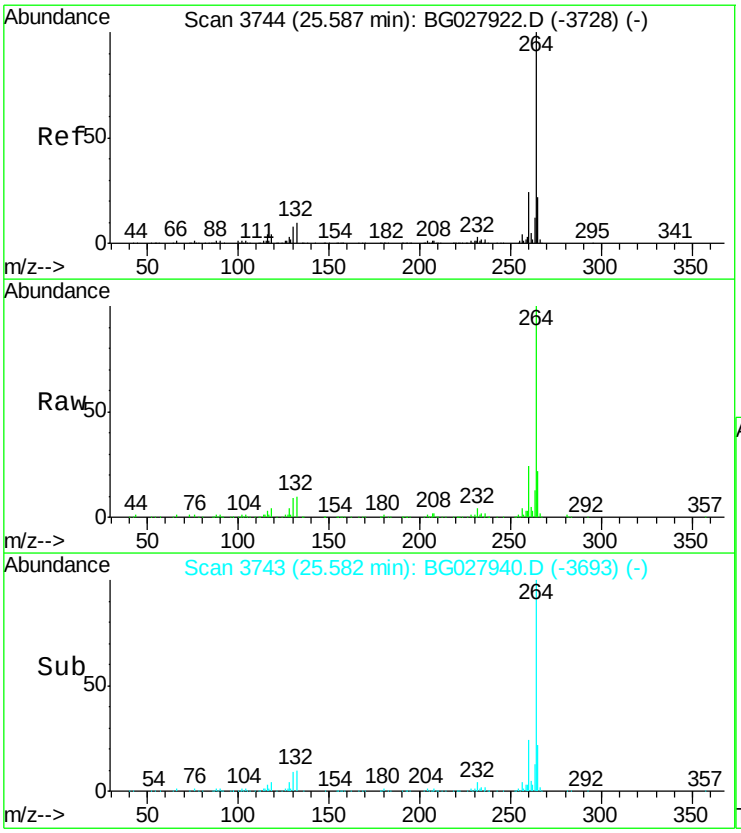
#84
Di-n-octyl phthalate
Concen: 0.00 ng
RT: 23.29 min Scan# 3352
Delta R.T. 0.07 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 68

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.2#
43	108.8	11.8	17.6#

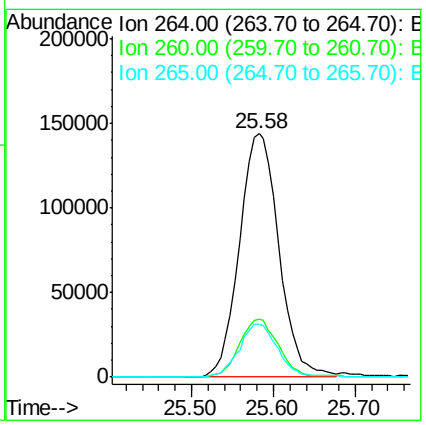


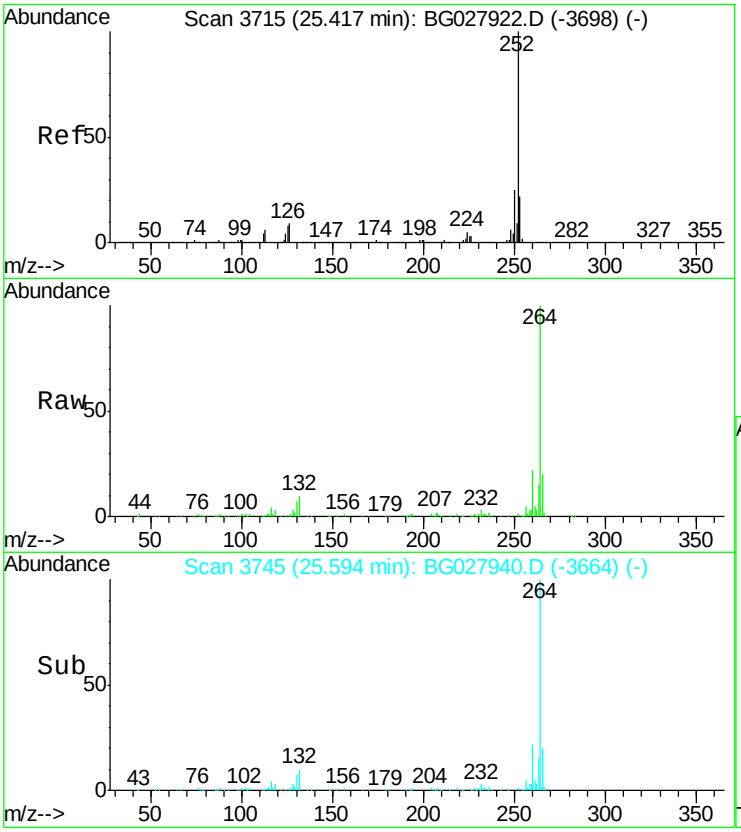


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.58 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Tgt Ion:264 Resp: 481436

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	21.8	18.2	27.4





#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 25.59 min Scan# 3745
Delta R.T. 0.18 min
Lab File: BG027940.D
Acq: 15 Jul 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1595

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