Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062817\
Data File : BG027717.D
Acq On : 28 Jun 2017 20:09
Operator : SJ/JU
Sample : PB100229BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 29 06:43:51 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	30141	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	141961	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	86797	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	270755	20.00	ng	0.00
75) Chrysene-d12	22.17	240	280286	20.00	ng	0.00
86) Perylene-d12	25.78	264	269093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	246495	125.93	ng	0.00
7) Phenol-d6	7.61	99	346813	115.98	ng	0.00
23) Nitrobenzene-d5	9.64	82	199114	78.18	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	170627	143.32	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	495526	81.53	ng	0.00
78) Terphenyl-d14	20.39	244	1084330	90.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.95	88	54	0.07	ng	# 1
4) n-Nitrosodimethylamine	4.35	42	116	0.11	ng	# 1
6) Aniline	7.80	93	55	0.02	ng	# 38
9) Benzaldehyde	7.62	77	285	0.16	ng	# 10
11) bis(2-Chloroethyl)ether	7.80	93	55	0.02	ng	# 11
15) Benzyl Alcohol	8.80	79	2664	1.29	ng	# 47
24) Nitrobenzene	9.64	77	570	0.21	ng	# 49
45) 1,1'-Biphenyl	13.89	154	749	0.11	ng	77
51) Acenaphthene	15.06	154	407	0.07	ng	# 6
59) Diethylphthalate	15.86	149	69	0.01	ng	# 56
62) Azobenzene	16.54	77	889	0.12	ng	# 1
65) n-Nitrosodiphenylamine	16.54	169	6405	0.73	ng	# 44
73) Di-n-butylphthalate	18.74	149	442	0.03	ng	# 73
77) Pyrene	20.39	202	3658	0.21	ng	# 67
79) Butylbenzylphthalate	21.05	149	61	0.01	ng	# 19
80) Benzo(a)anthracene	22.17	228	927	0.05	ng	# 47
82) Chrysene	22.17	228	927	0.06	ng	# 46
83) Bis(2-ethylhexyl)phthalate	22.01	149	537	0.05	ng	# 51
84) Di-n-octyl phthalate	23.35	149	274	0.01	ng	# 1
87) Benzo(b)fluoranthene	24.63	252	96	0.01	ng	# 58
88) Benzo(k)fluoranthene	24.63	252	96	0.01	ng	# 56
89) Benzo(a)pyrene	25.78	252	893	0.05	ng	# 58

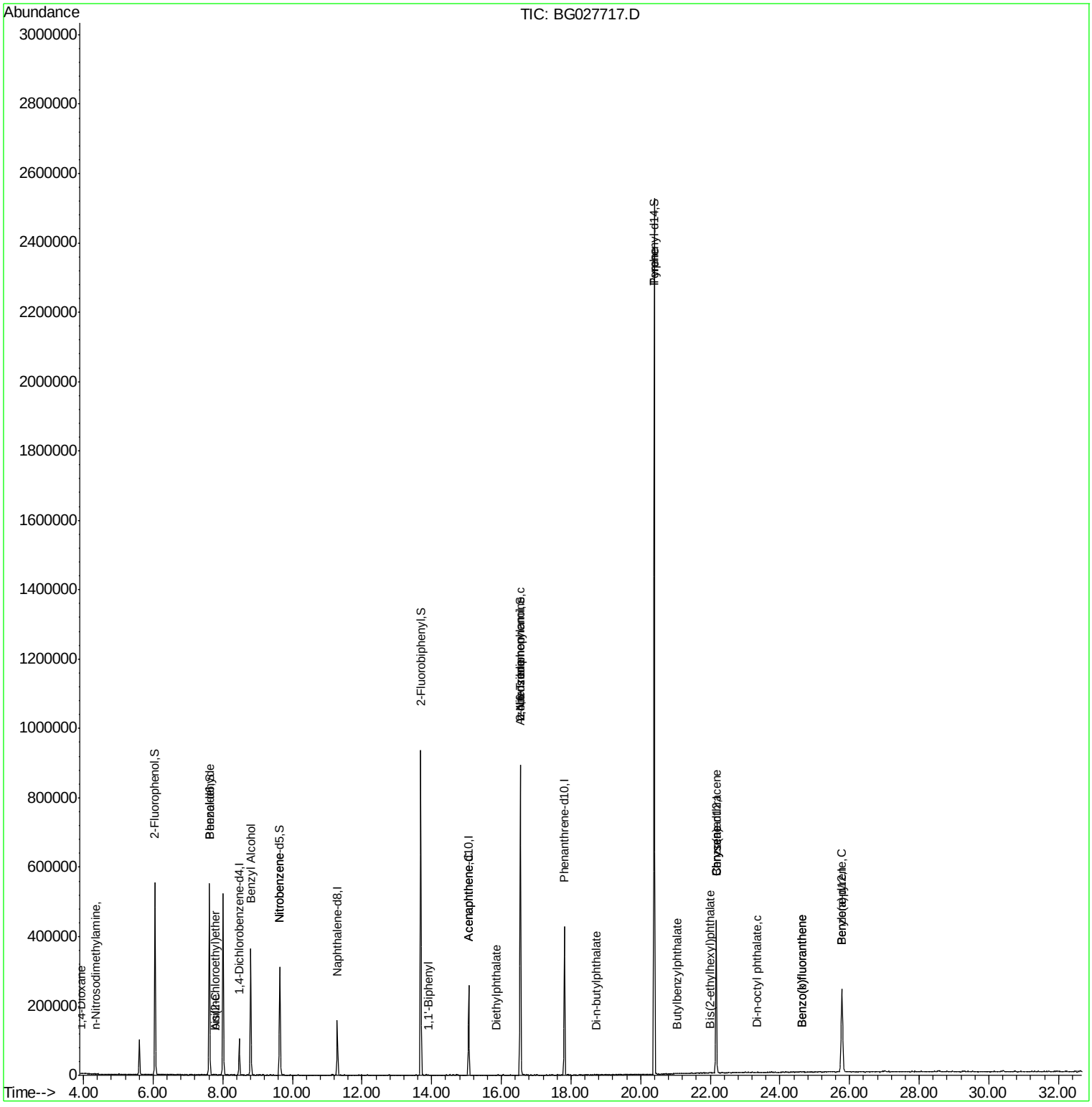
(#) = qualifier out of range (m) = manual integration (+) = signals summed

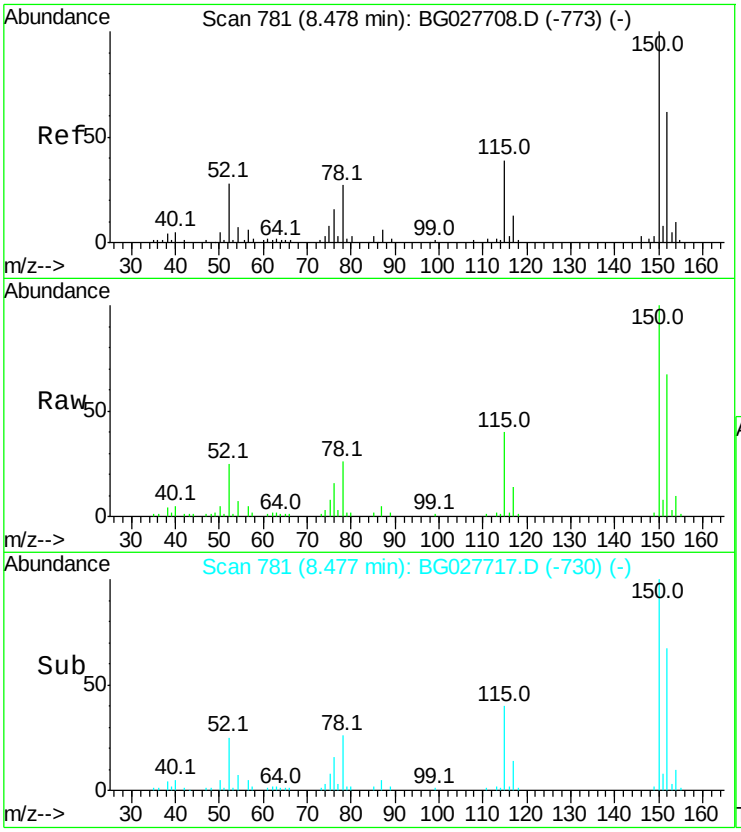
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062817\
Data File : BG027717.D
Acq On : 28 Jun 2017 20:09
Operator : SJ/JU
Sample : PB100229BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 29 06:43:51 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



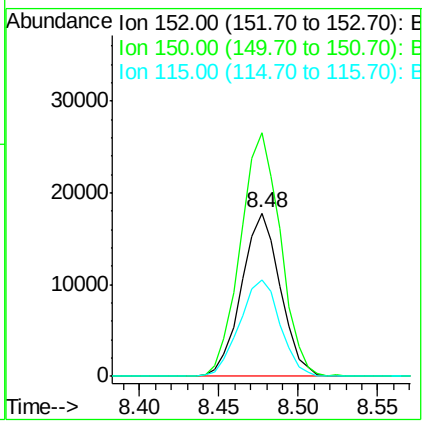


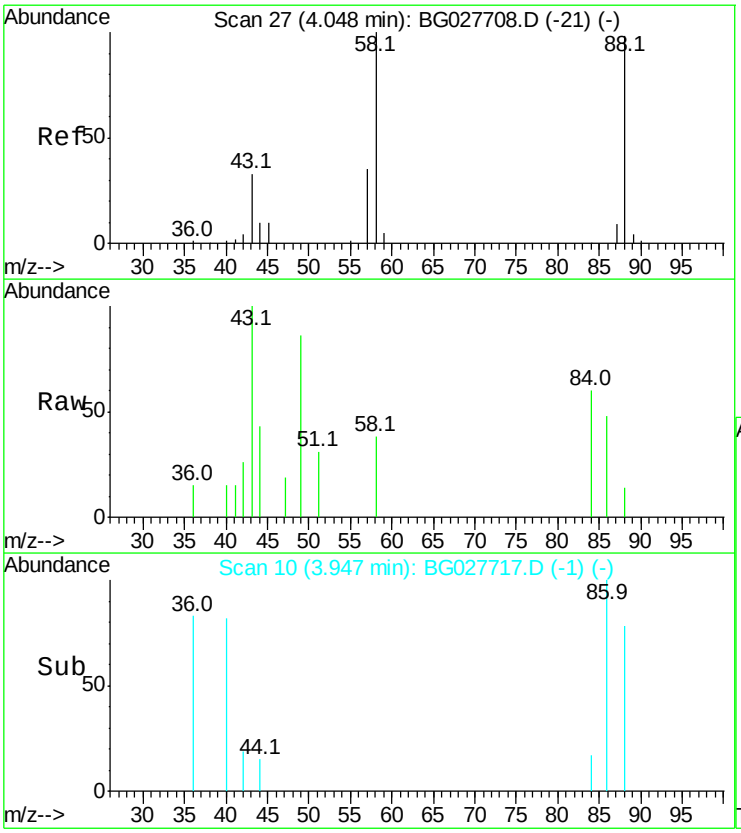
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30141

Ion	Ratio	Lower	Upper
152	100		
150	149.3	114.0	171.0
115	59.1	48.1	72.1

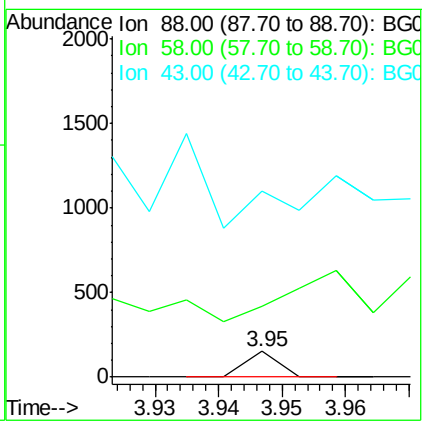


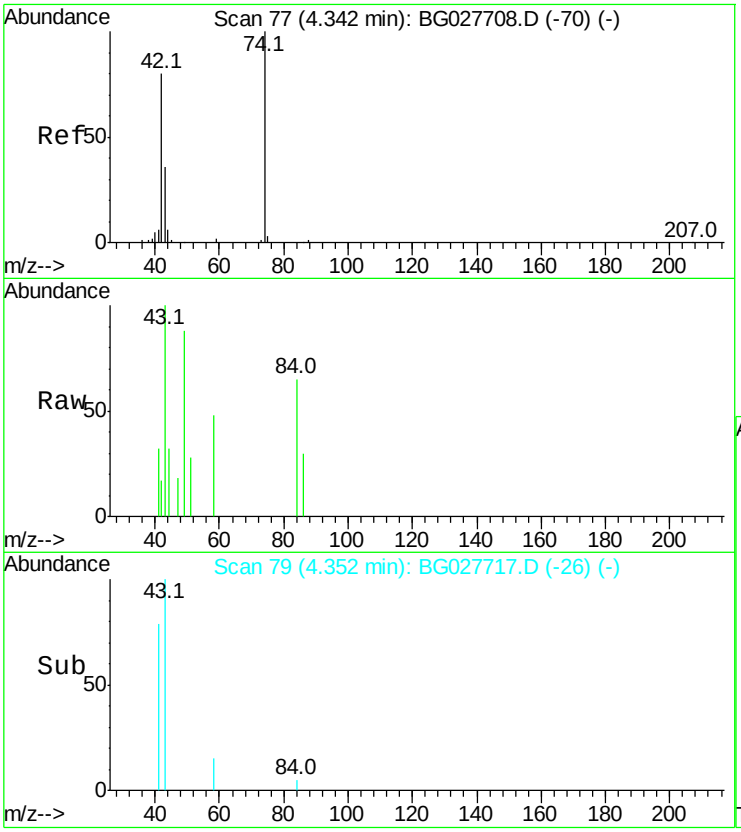


#2
1,4-Dioxane
Concen: 0.07 ng
RT: 3.95 min Scan# 10
Delta R.T. -0.10 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion: 88 Resp: 54

Ion	Ratio	Lower	Upper
88	100		
58	725.9	79.4	119.2#
43	196.3	33.8	50.6#



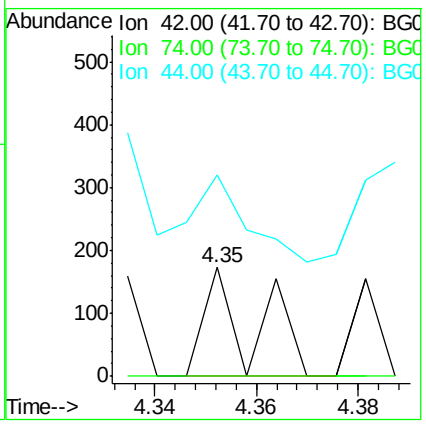


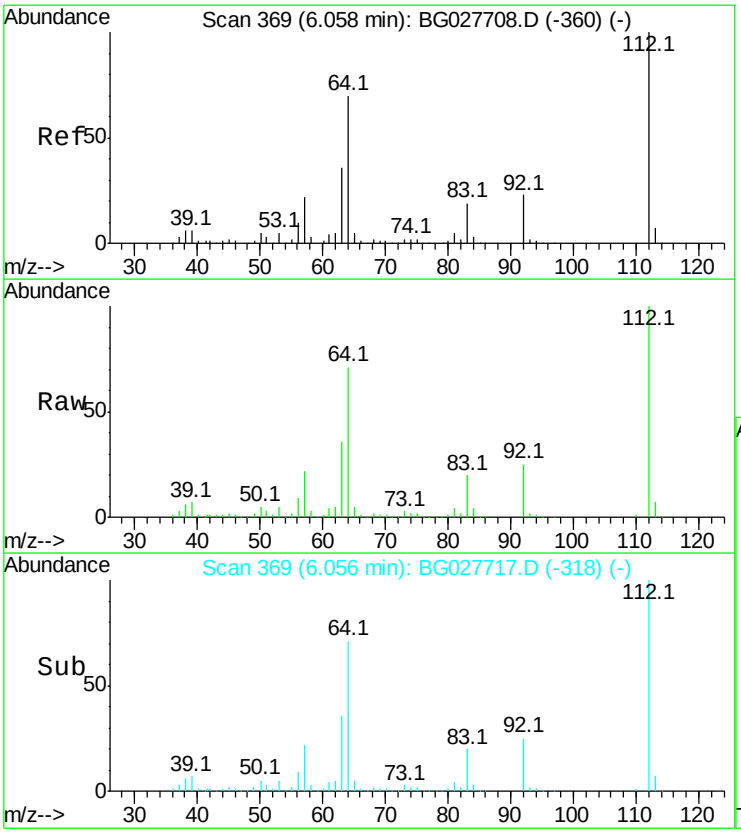
#4
n-Nitrosodimethylamine
Concen: 0.11 ng
RT: 4.35 min Scan# 79
Delta R.T. 0.01 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 116

Ion	Ratio	Lower	Upper
42	100		
74	0.0	76.7	115.1#
44	185.5	6.1	9.1#

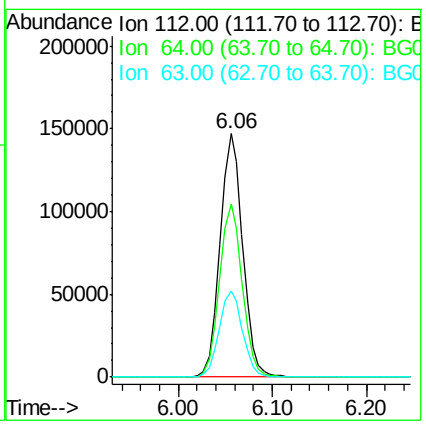


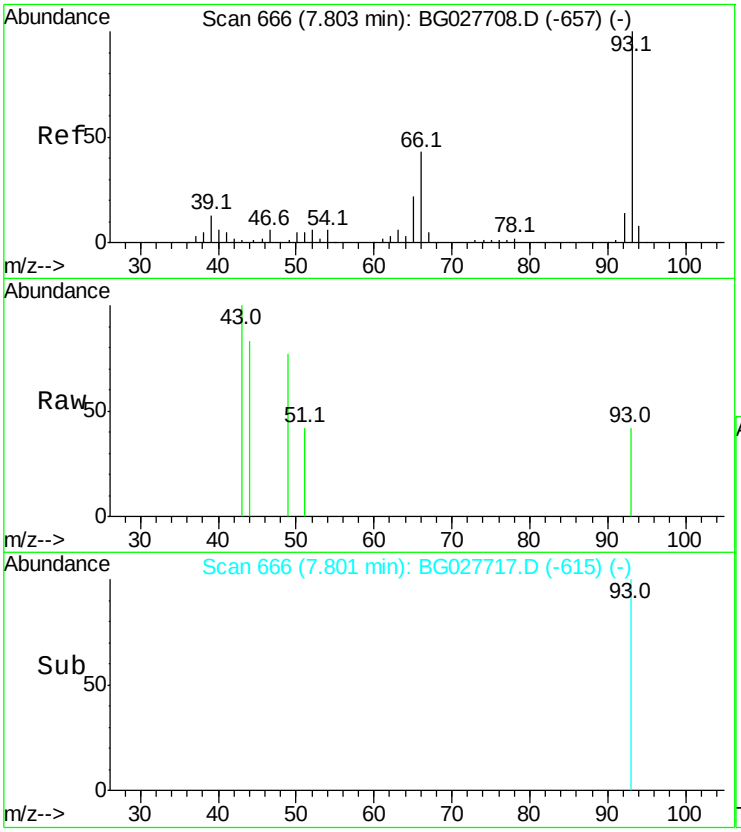


#5
2-Fluorophenol
Concen: 125.93 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion:112 Resp: 246495

Ion	Ratio	Lower	Upper
112	100		
64	71.1	61.8	92.6
63	35.6	37.2	55.8#



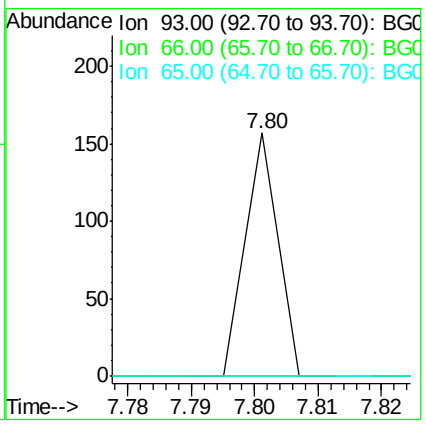


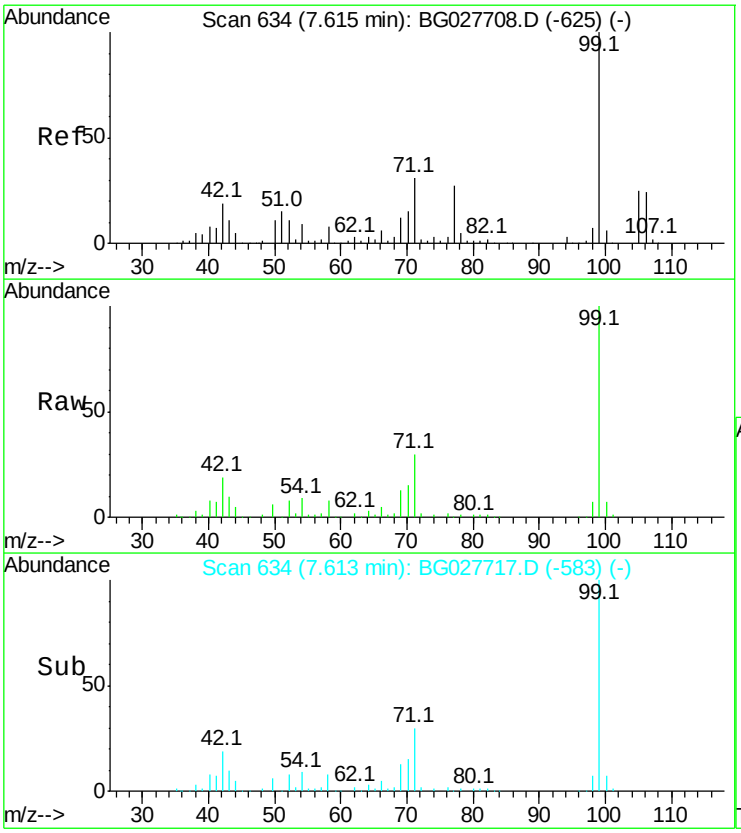
#6
Aniline
Concen: 0.02 ng
RT: 7.80 min Scan# 666
Delta R.T. -0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 55

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

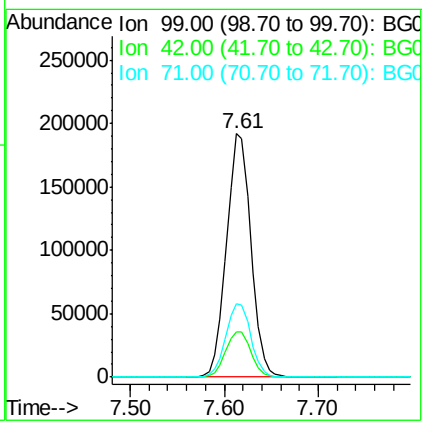


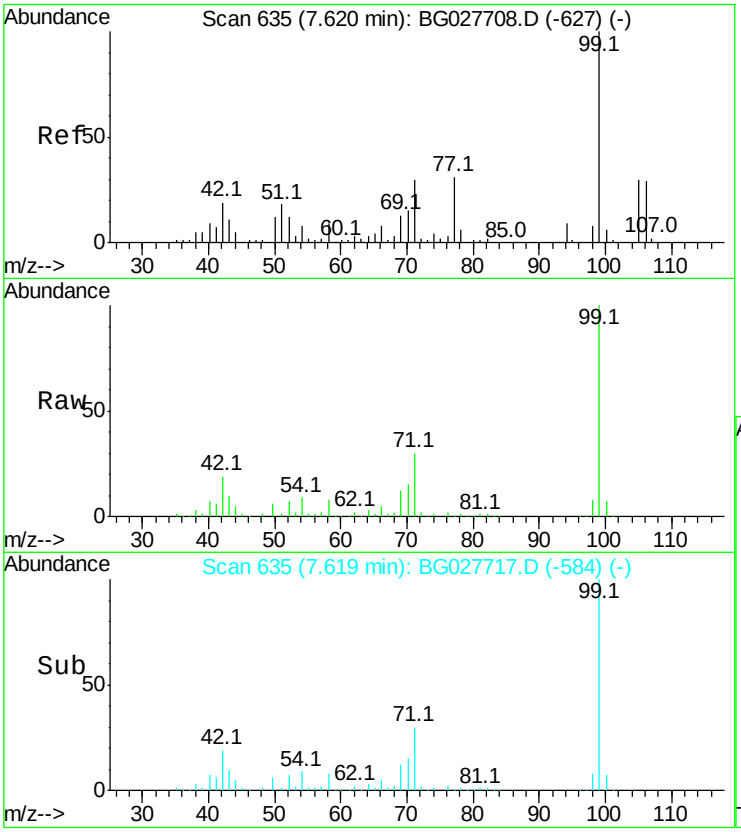


#7
Phenol-d6
Concen: 115.98 ng
RT: 7.61 min Scan# 634
Delta R.T. -0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion: 99 Resp: 346813

Ion	Ratio	Lower	Upper
99	100		
42	18.8	20.5	30.7#
71	30.4	37.6	56.4#



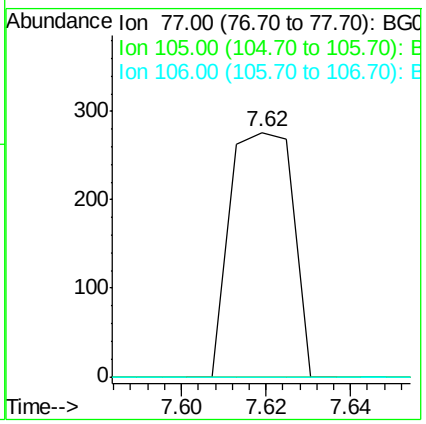


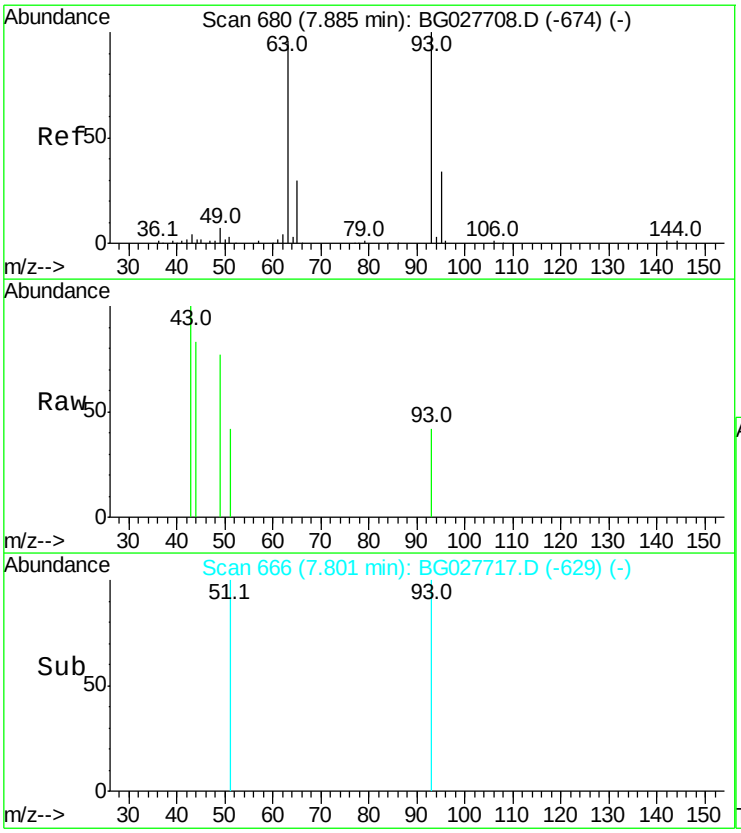
#9
Benzaldehyde
Concen: 0.16 ng
RT: 7.62 min Scan# 635
Delta R.T. -0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 285

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

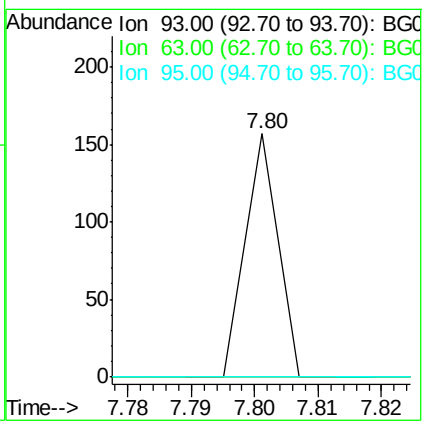


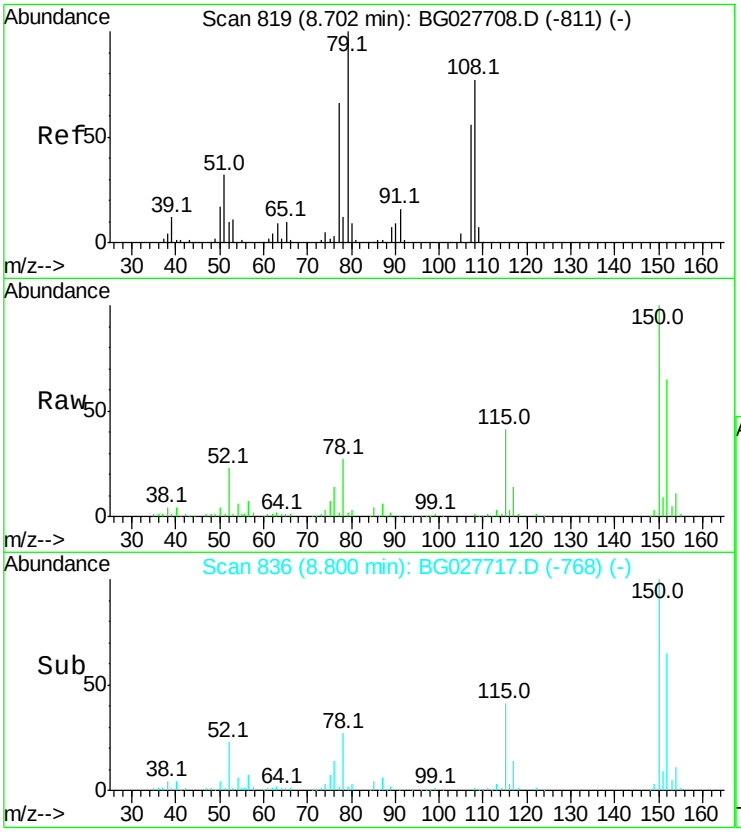


#11
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.80 min Scan# 666
Delta R.T. -0.08 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion: 93 Resp: 55

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



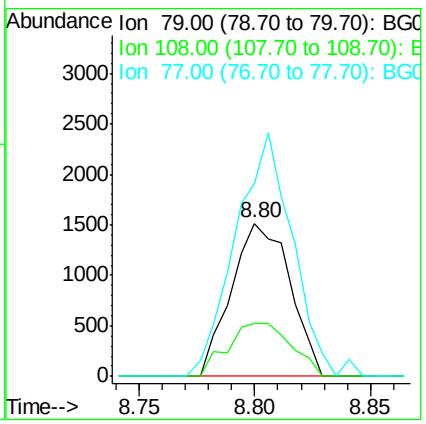


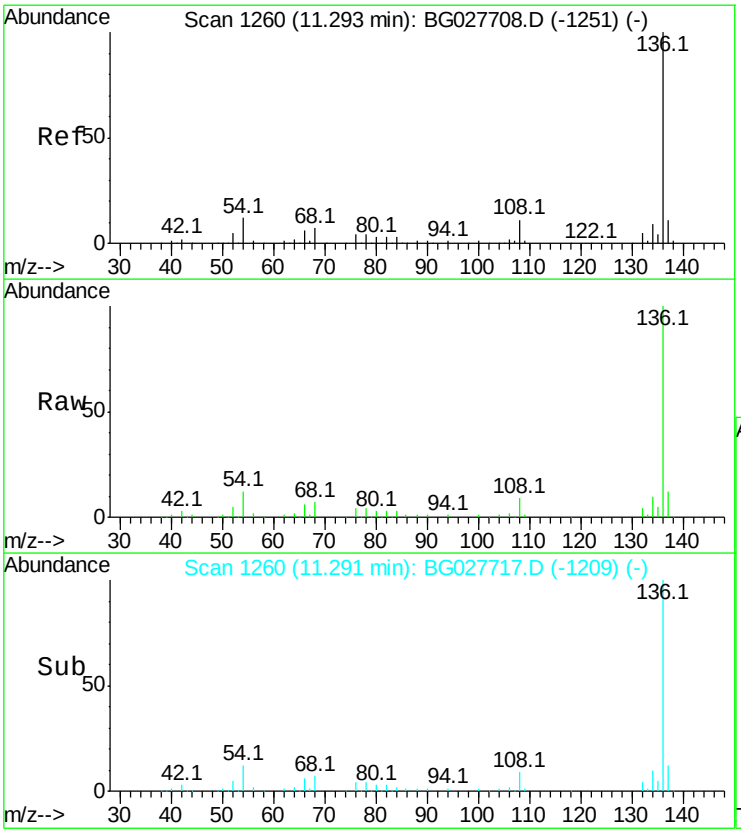
#15
Benzyl Alcohol
Concen: 1.29 ng
RT: 8.80 min Scan# 836
Delta R.T. 0.10 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 2664

Ion	Ratio	Lower	Upper
79	100		
108	34.2	45.5	68.3#
77	126.2	54.3	81.5#

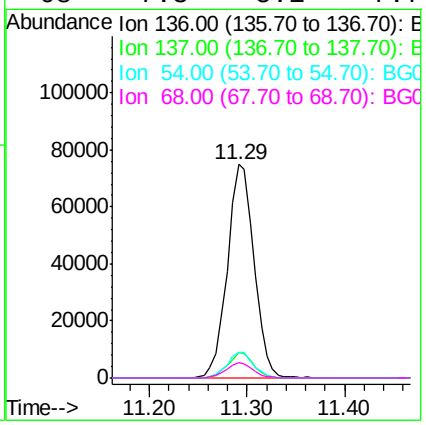


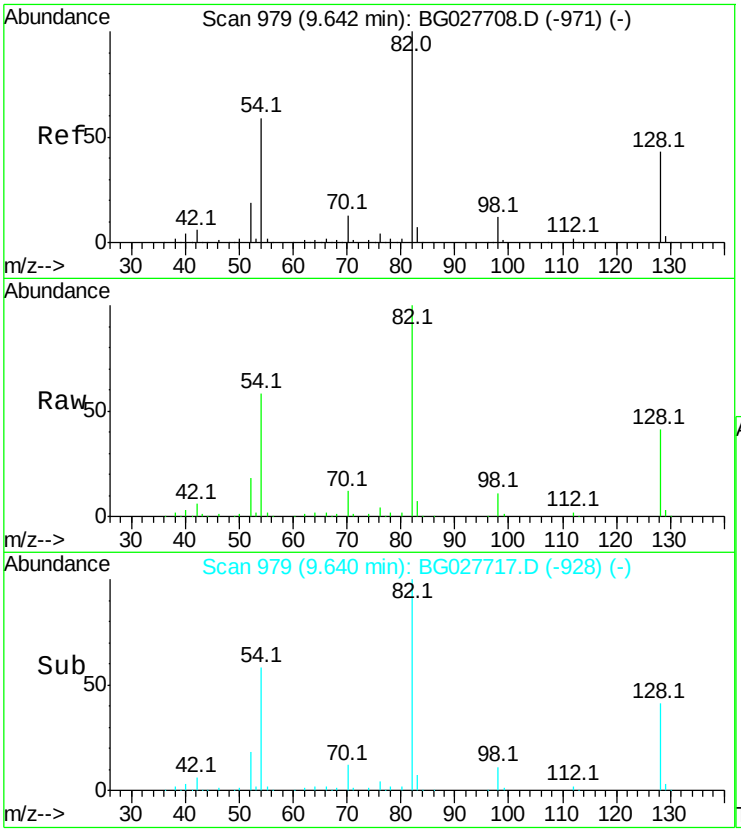


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.29 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion:136 Resp: 141961

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	11.9	9.3	13.9
68	7.3	5.1	7.7



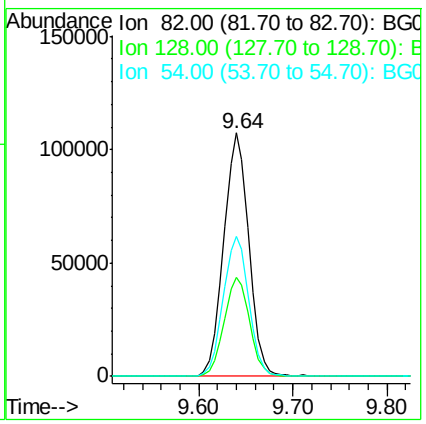


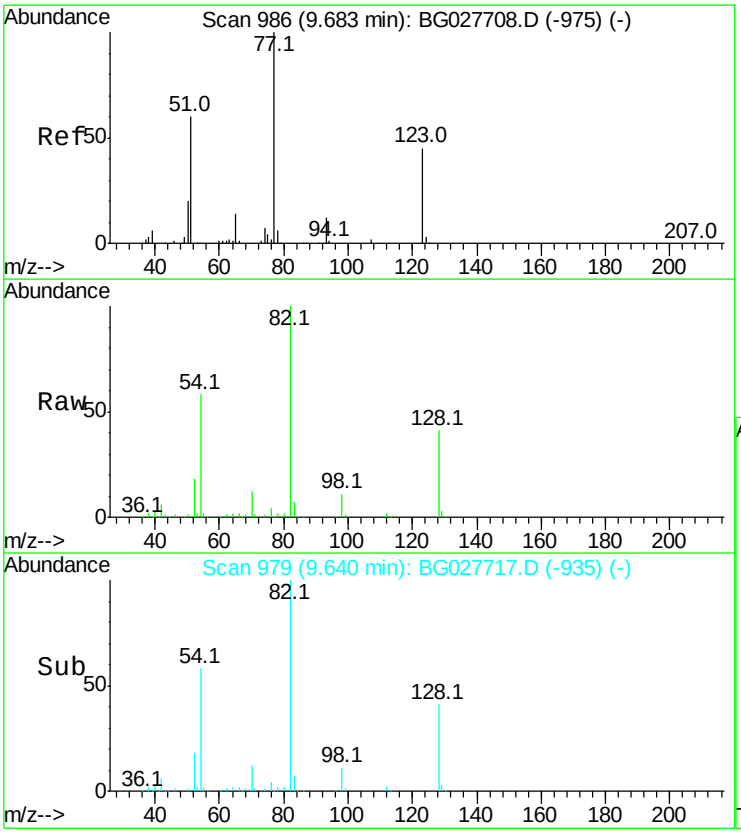
#23
Nitrobenzene-d5
Concen: 78.18 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 199114

Ion	Ratio	Lower	Upper
82	100		
128	40.9	26.4	39.6#
54	57.7	49.4	74.2

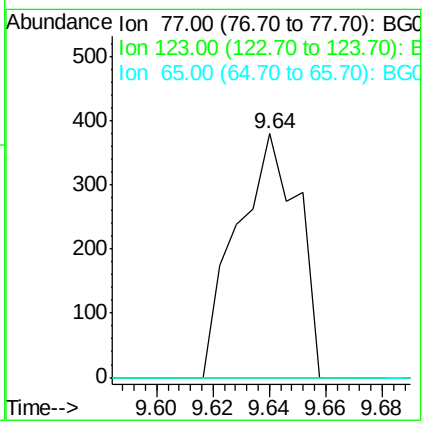


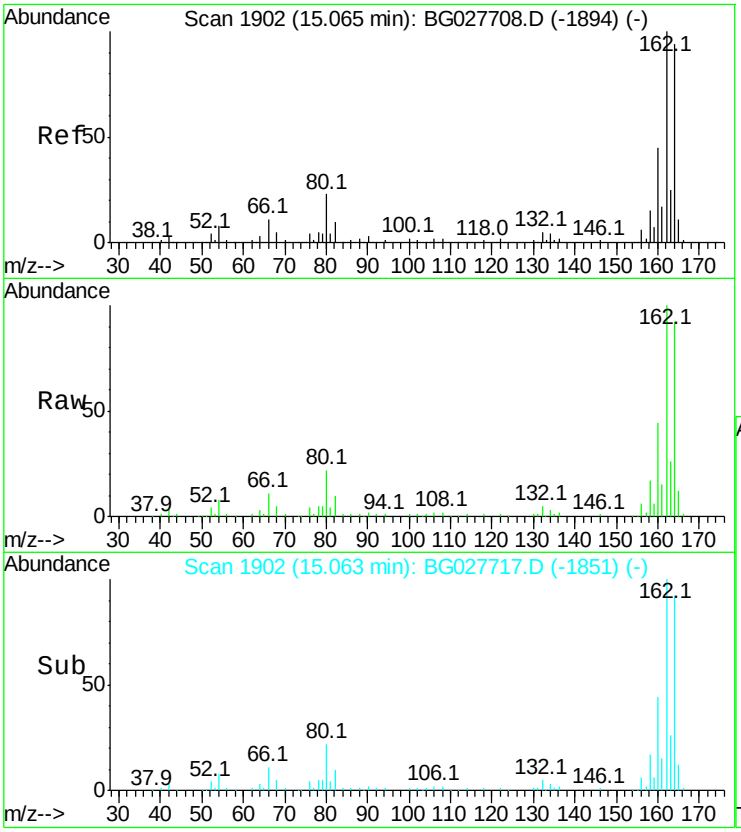


#24
Nitrobenzene
Concen: 0.21 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.04 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion: 77 Resp: 570

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



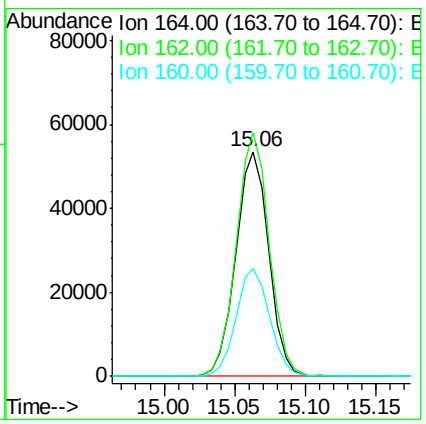


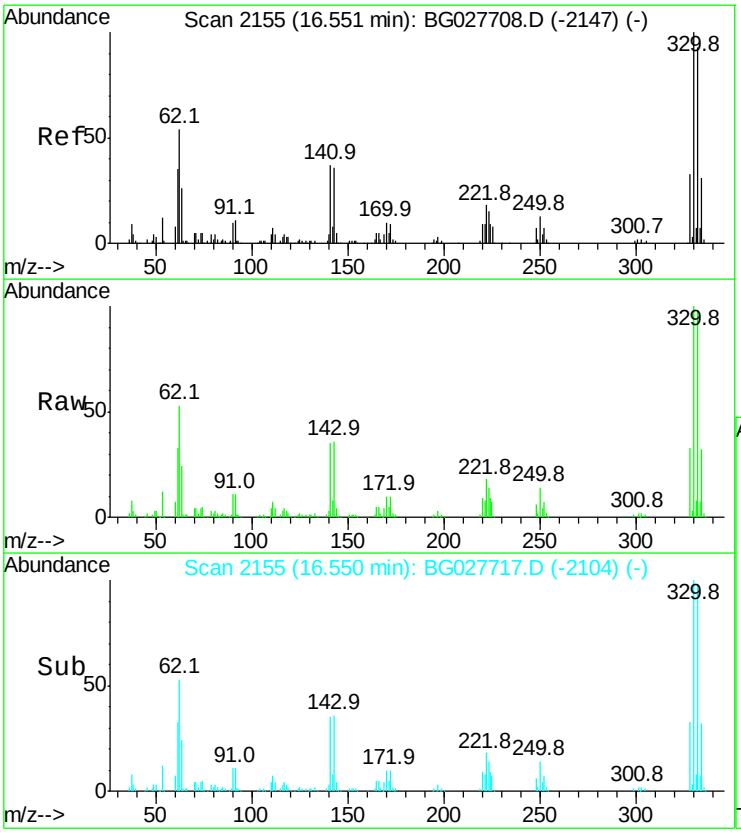
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 86797

Ion	Ratio	Lower	Upper
164	100		
162	108.3	85.1	127.7
160	47.7	34.7	52.1

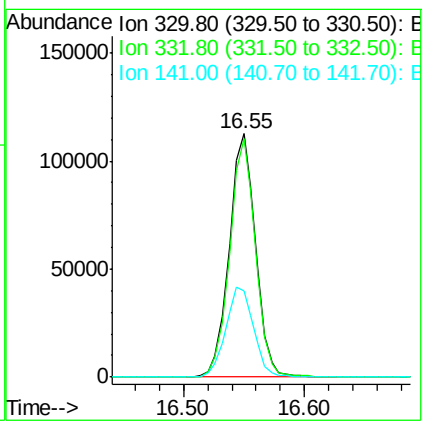


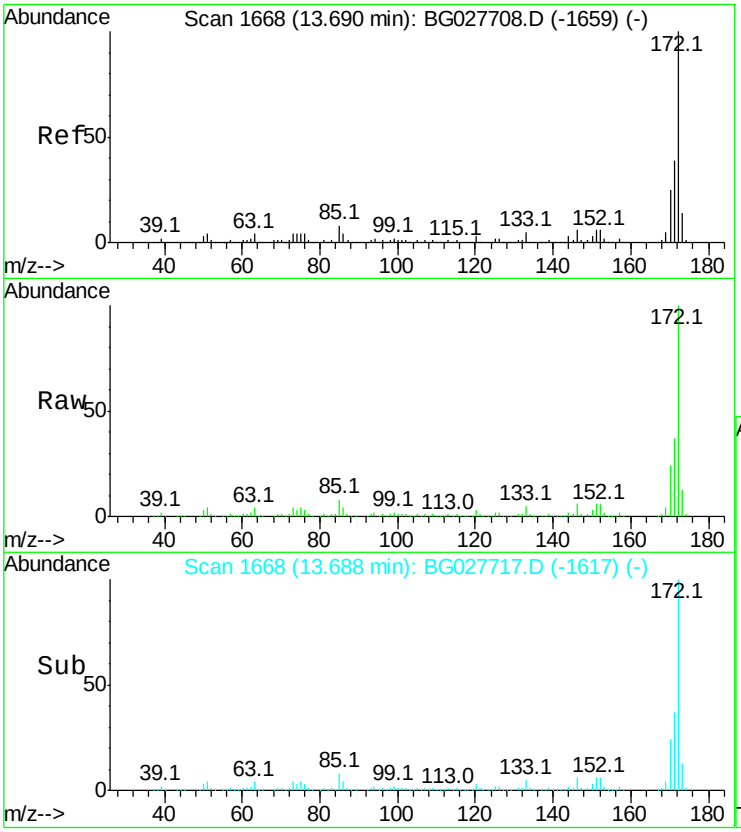


#41
2,4,6-Tribromophenol
Concen: 143.32 ng
RT: 16.55 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion:330 Resp: 170627

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	38.9	32.1	48.1



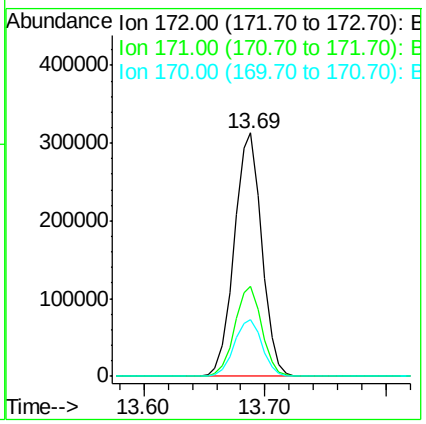


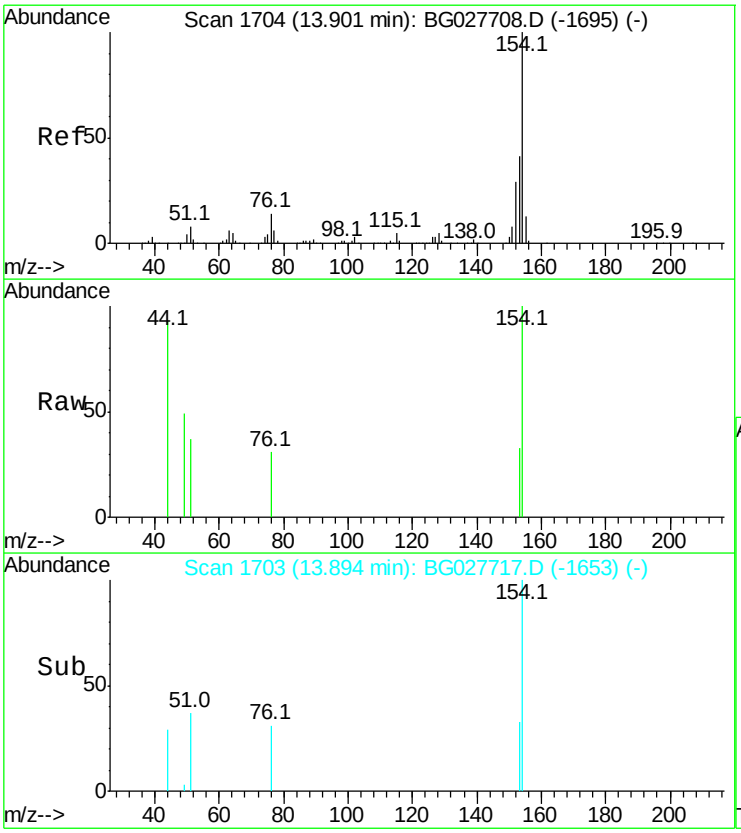
#44
2-Fluorobiphenyl
Concen: 81.53 ng
RT: 13.69 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 495526

Ion	Ratio	Lower	Upper
172	100		
171	36.8	32.2	48.2
170	23.5	21.8	32.6

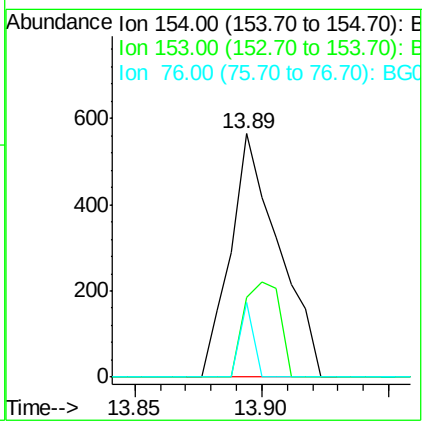


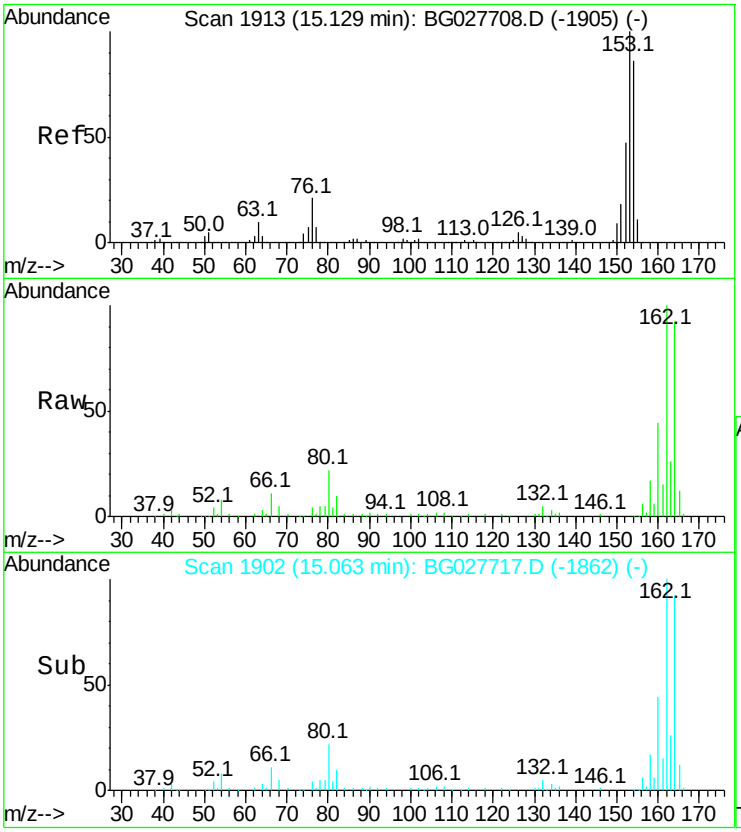


#45
1,1'-Biphenyl
Concen: 0.11 ng
RT: 13.89 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion:154 Resp: 749

Ion	Ratio	Lower	Upper
154	100		
153	32.6	23.0	63.0
76	30.8	0.0	33.5



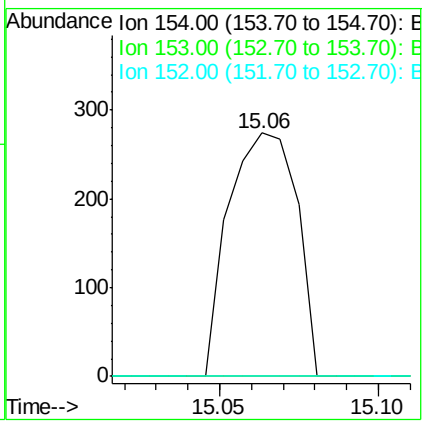


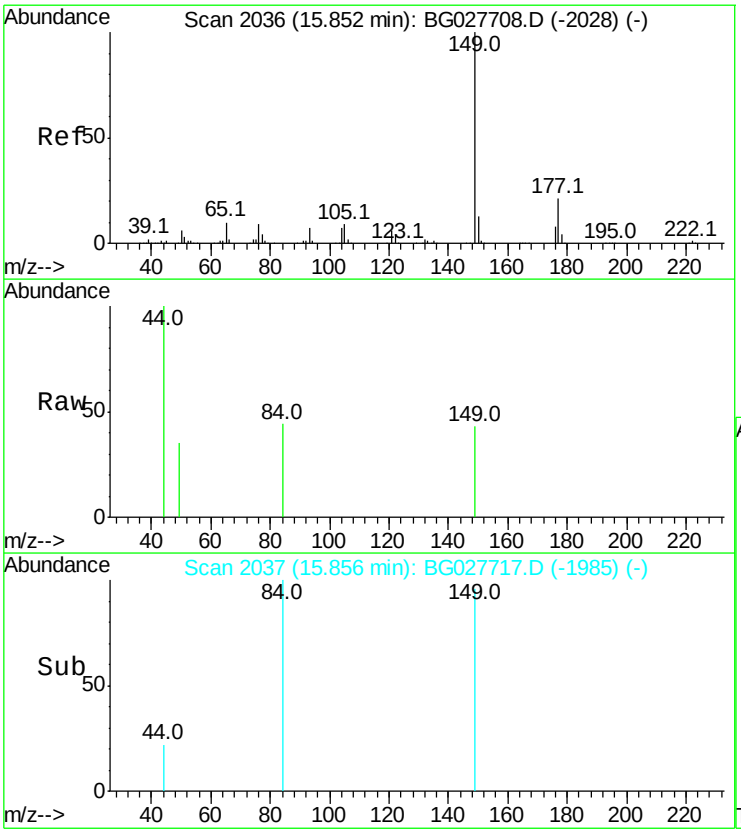
#51
Acenaphthene
Concen: 0.07 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.07 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 407

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

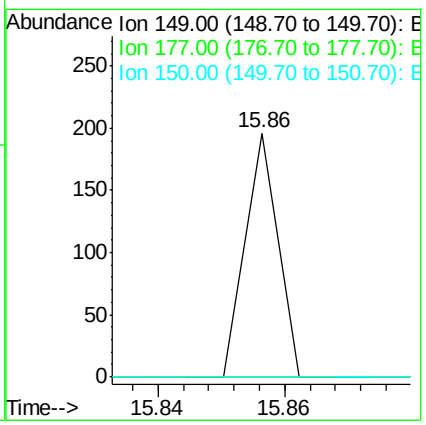


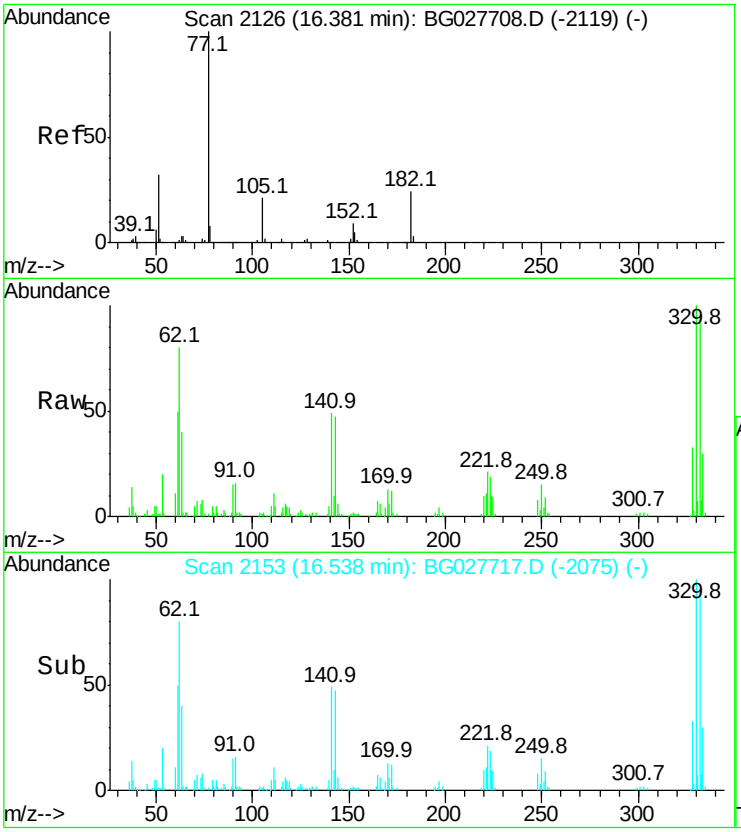


#59
Diethylphthalate
Concen: 0.01 ng
RT: 15.86 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion:149 Resp: 69

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



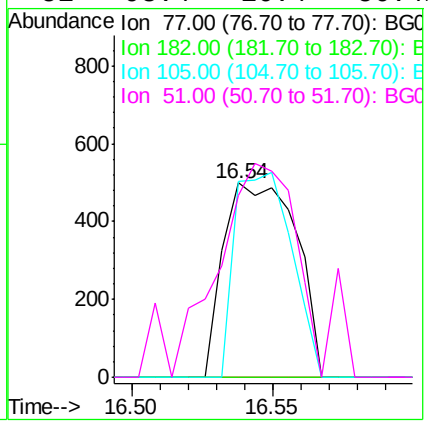


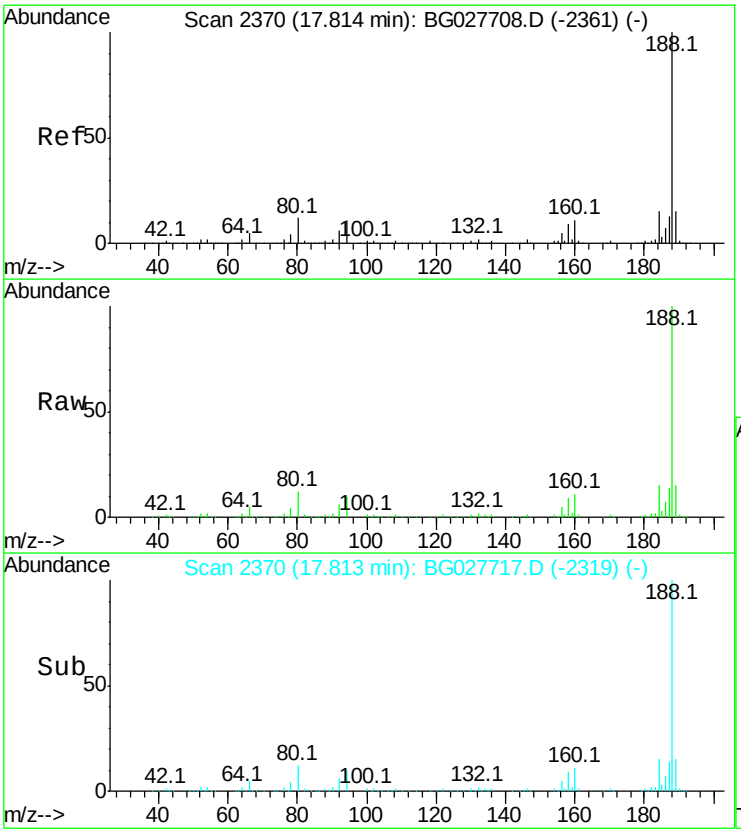
#62
Azobenzene
Concen: 0.12 ng
RT: 16.54 min Scan# 2153
Delta R.T. 0.16 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 889

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.7	44.7#
105	100.8	0.0	36.3#
51	93.4	16.4	56.4#

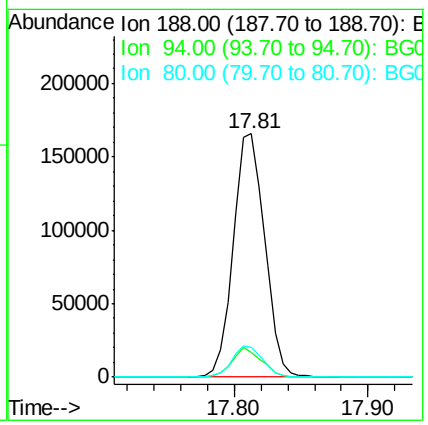


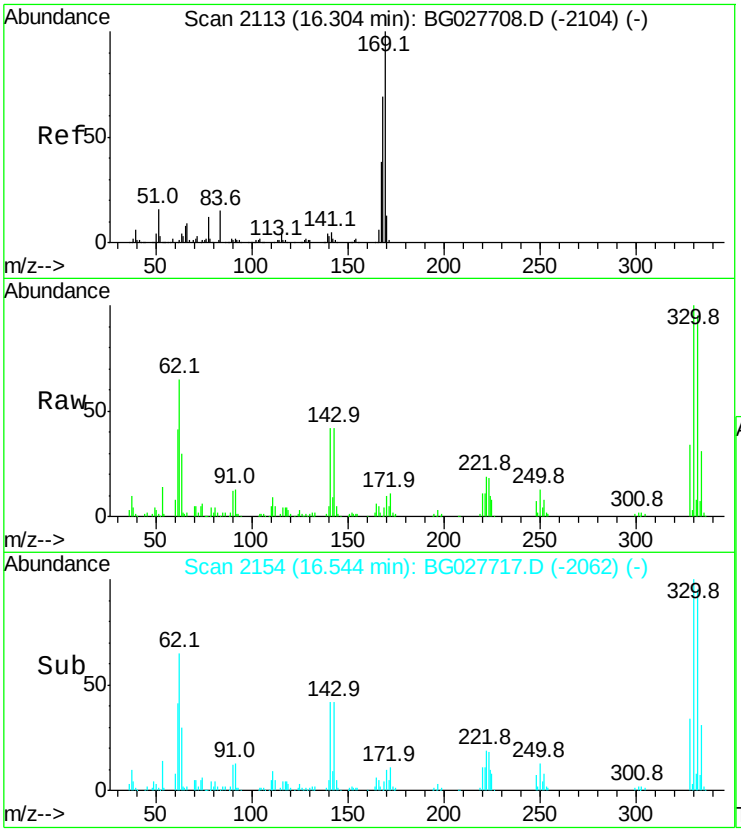


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion:188 Resp: 270755

Ion	Ratio	Lower	Upper
188	100		
94	10.3	5.8	8.8#
80	12.2	7.5	11.3#



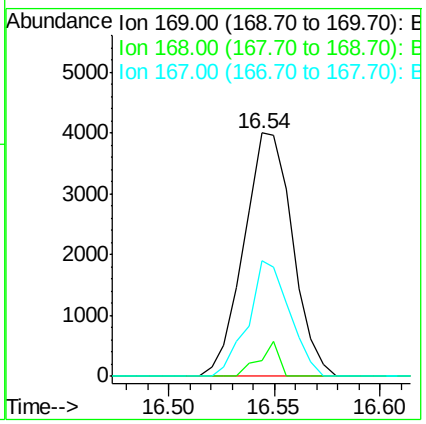


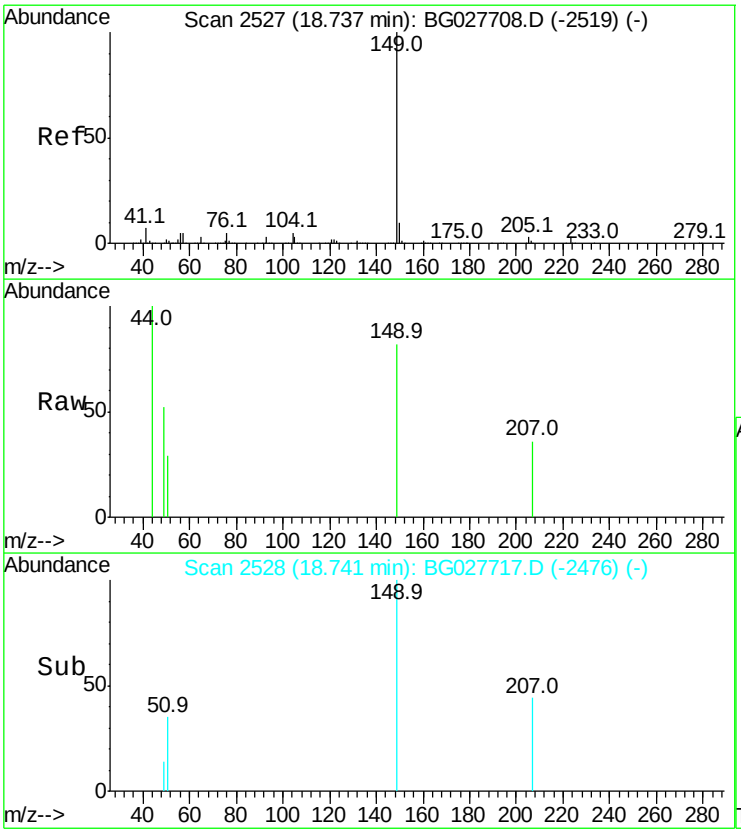
#65
n-Nitrosodiphenylamine
Concen: 0.73 ng
RT: 16.54 min Scan# 2154
Delta R.T. 0.24 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 6405

Ion	Ratio	Lower	Upper
169	100		
168	6.4	55.7	83.5#
167	47.7	29.8	44.6#

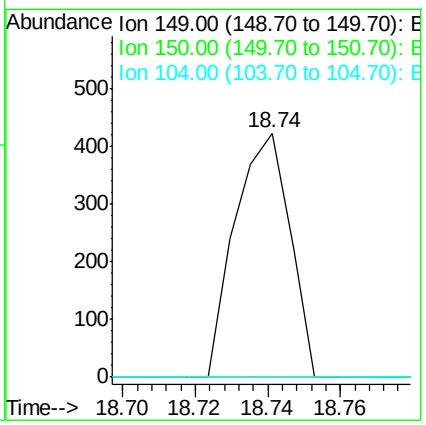


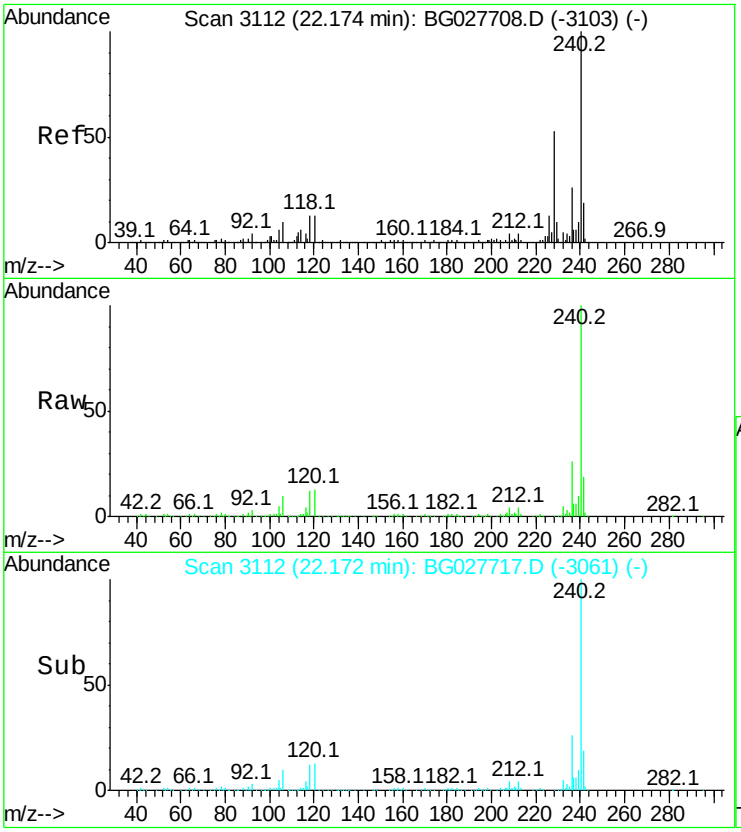


#73
Di-n-butylphthalate
Concen: 0.03 ng
RT: 18.74 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion:149 Resp: 442

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



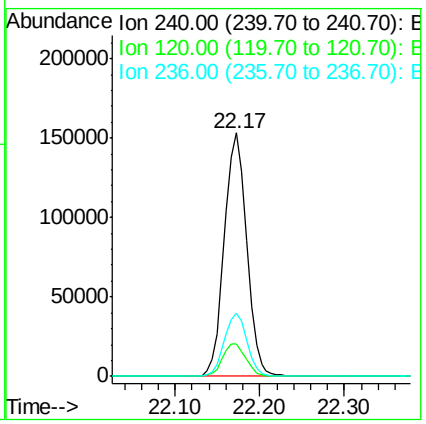


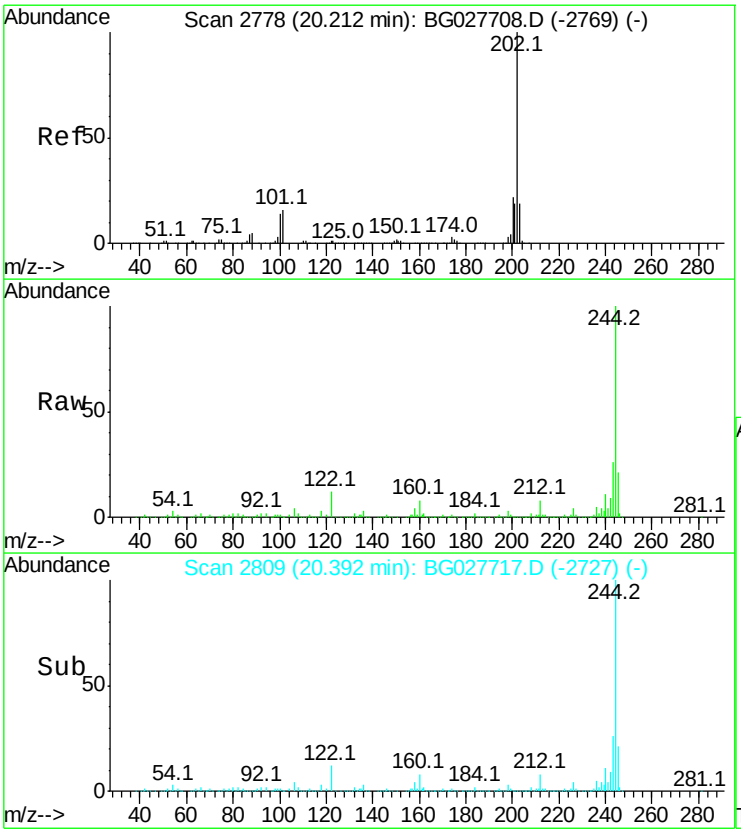
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 280286

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.7	8.5#
236	26.1	22.2	33.4

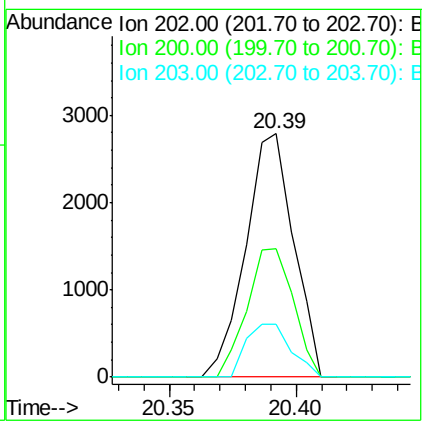


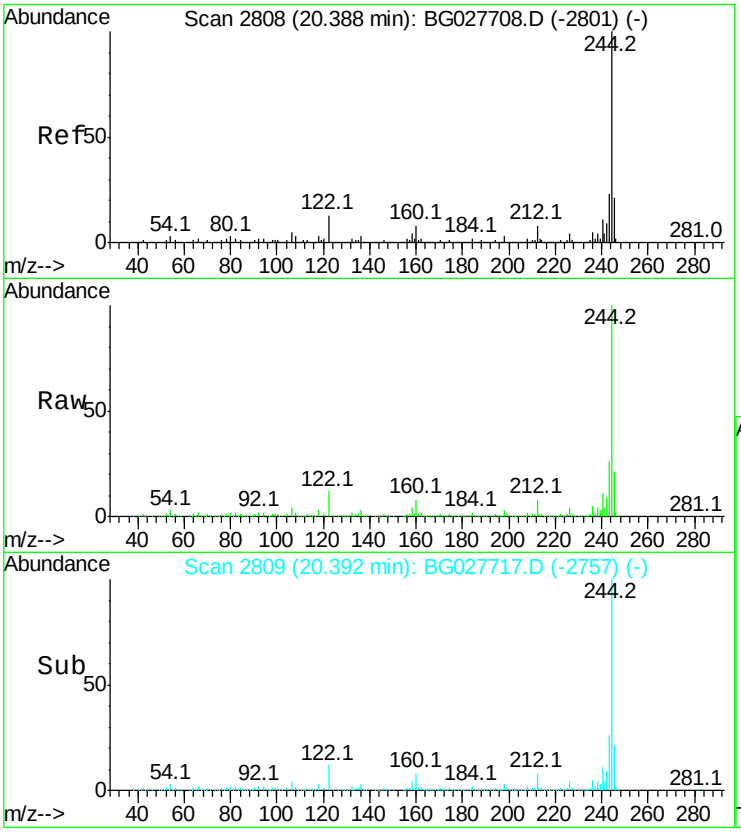


#77
Pyrene
Concen: 0.21 ng
RT: 20.39 min Scan# 2809
Delta R.T. 0.18 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion:202 Resp: 3658

Ion	Ratio	Lower	Upper
202	100		
200	52.5	19.6	29.4#
203	21.9	15.8	23.8



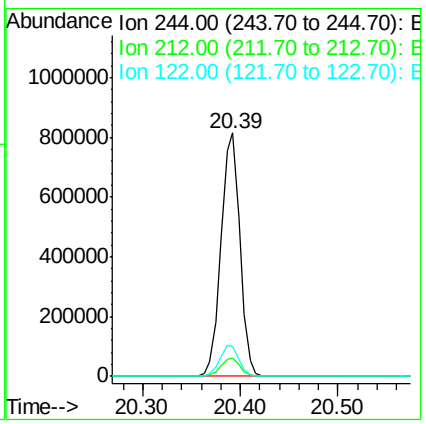


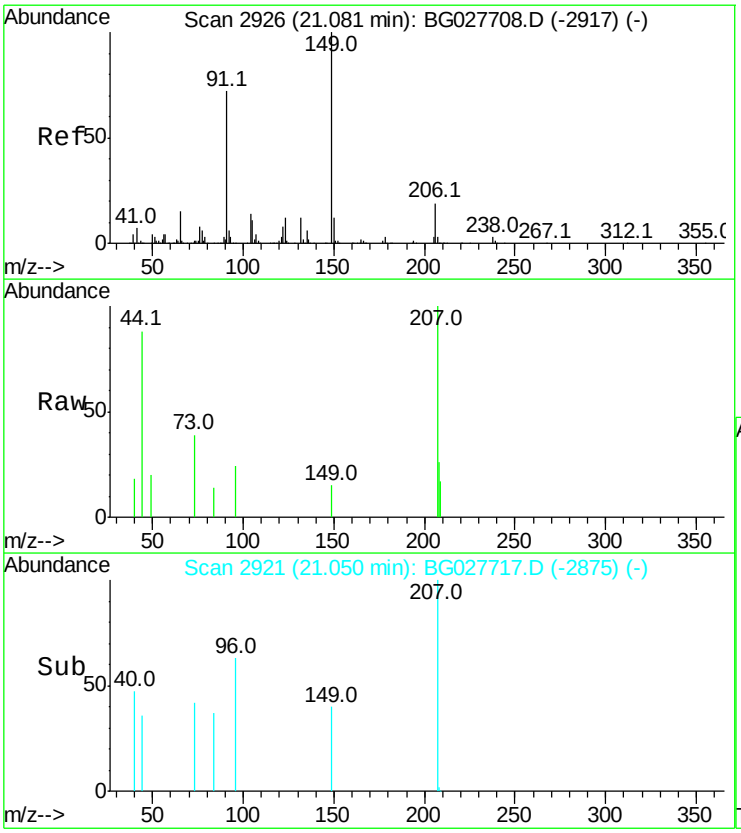
#78
Terphenyl-d14
Concen: 90.70 ng
RT: 20.39 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1084330

Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	12.5	8.6	12.8

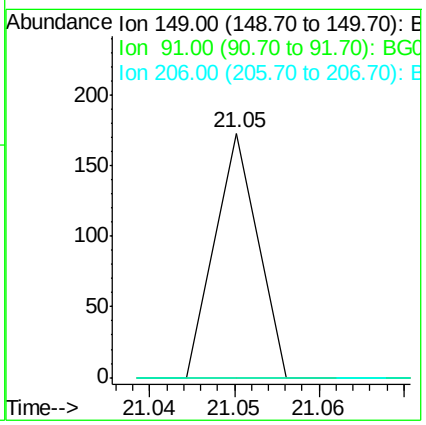


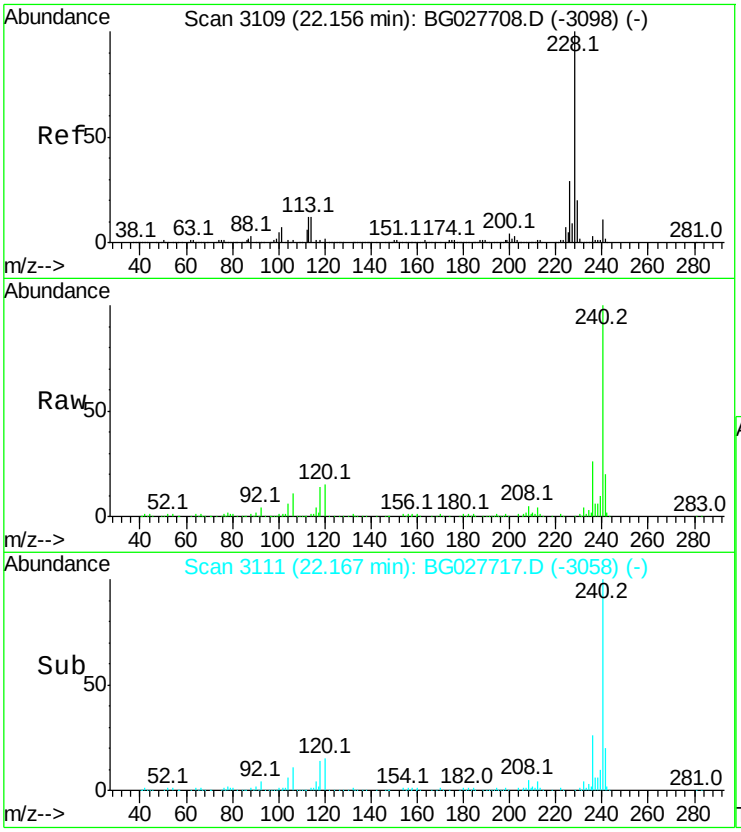


#79
Butylbenzylphthalate
Concen: 0.01 ng
RT: 21.05 min Scan# 2921
Delta R.T. -0.03 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion:149 Resp: 61

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



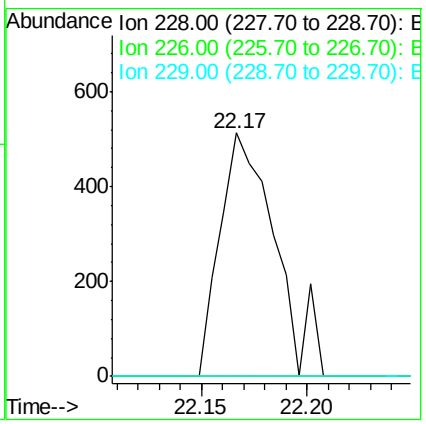


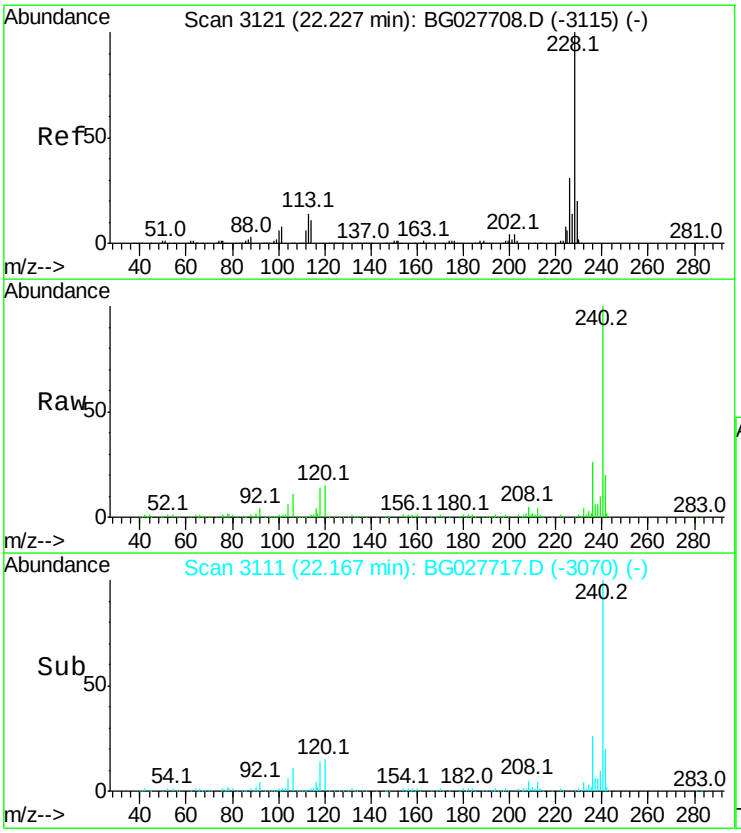
#80
Benzo(a)anthracene
Concen: 0.05 ng
RT: 22.17 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 927

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

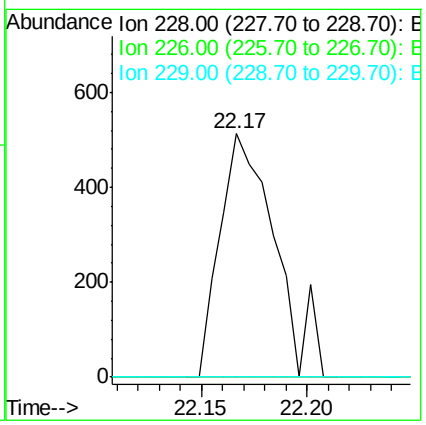


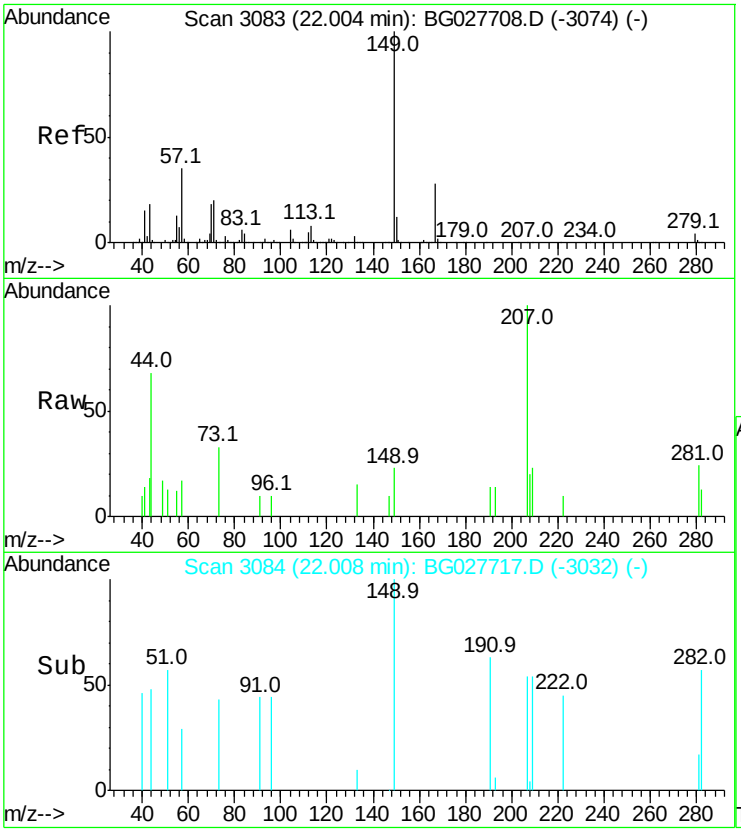


#82
Chrysene
Concen: 0.06 ng
RT: 22.17 min Scan# 3111
Delta R.T. -0.06 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion:228 Resp: 927

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



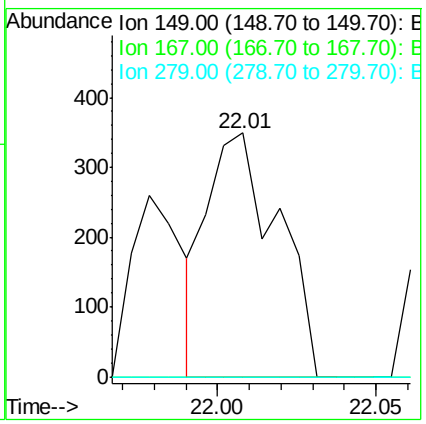


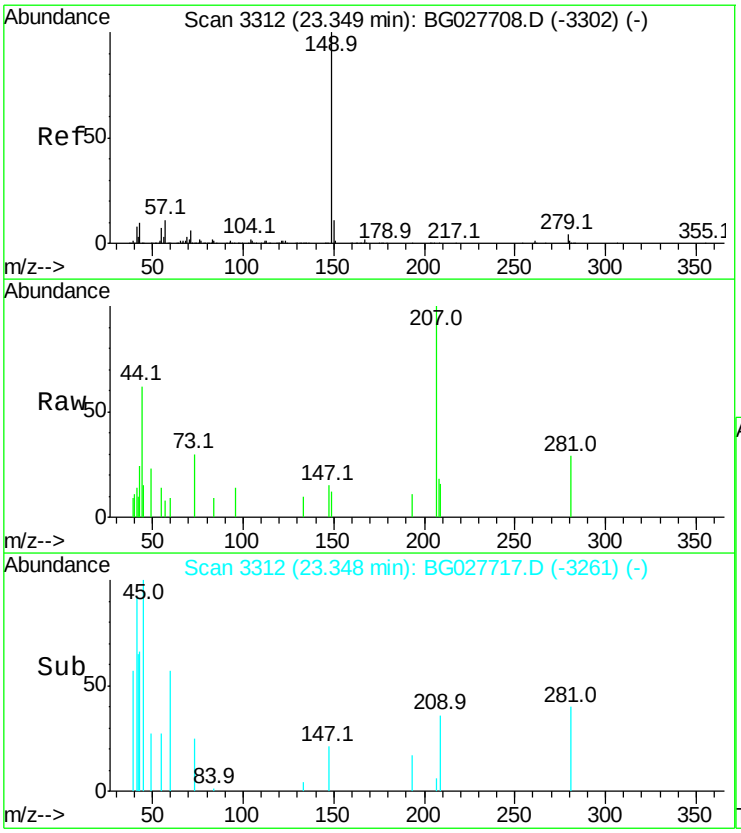
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 22.01 min Scan# 3084
Delta R.T. 0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 537

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

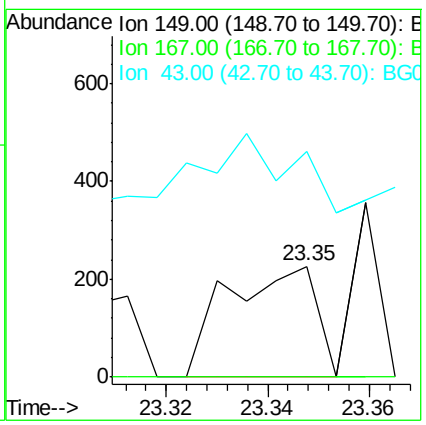


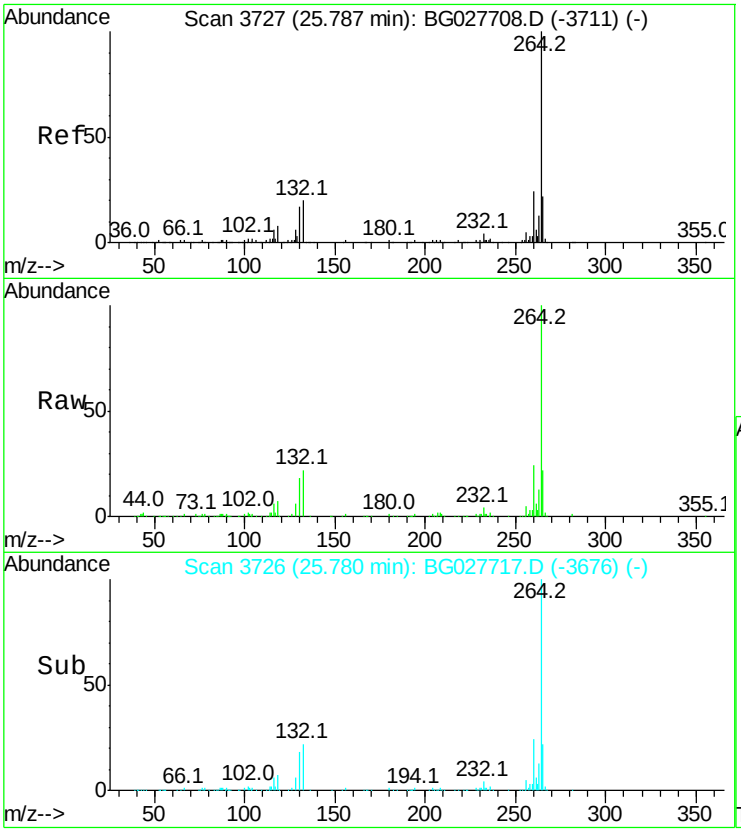


#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 23.35 min Scan# 3312
Delta R.T. -0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion:149 Resp: 274

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.2#
43	139.8	11.8	17.6#



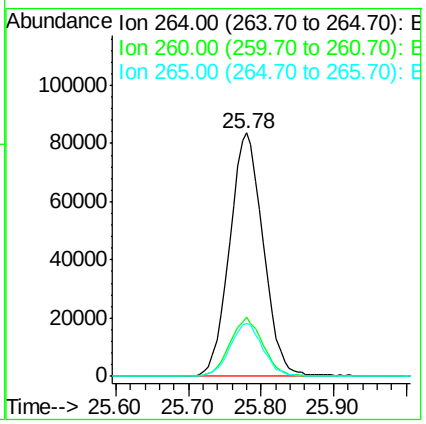


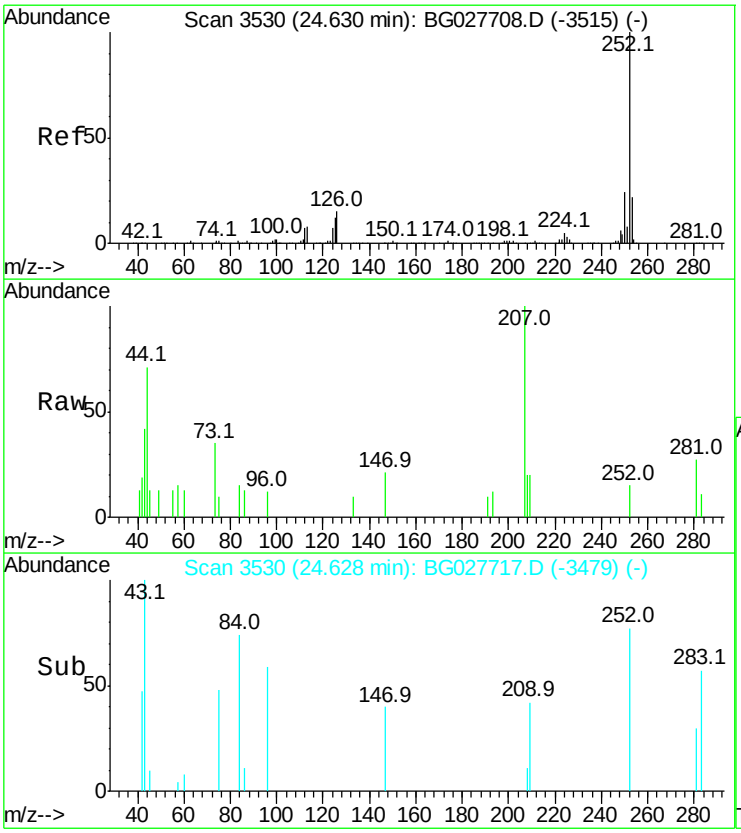
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.78 min Scan# 3726
Delta R.T. -0.01 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 269093

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	21.5	18.2	27.4

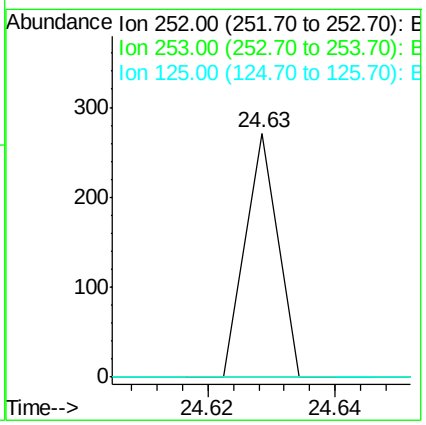


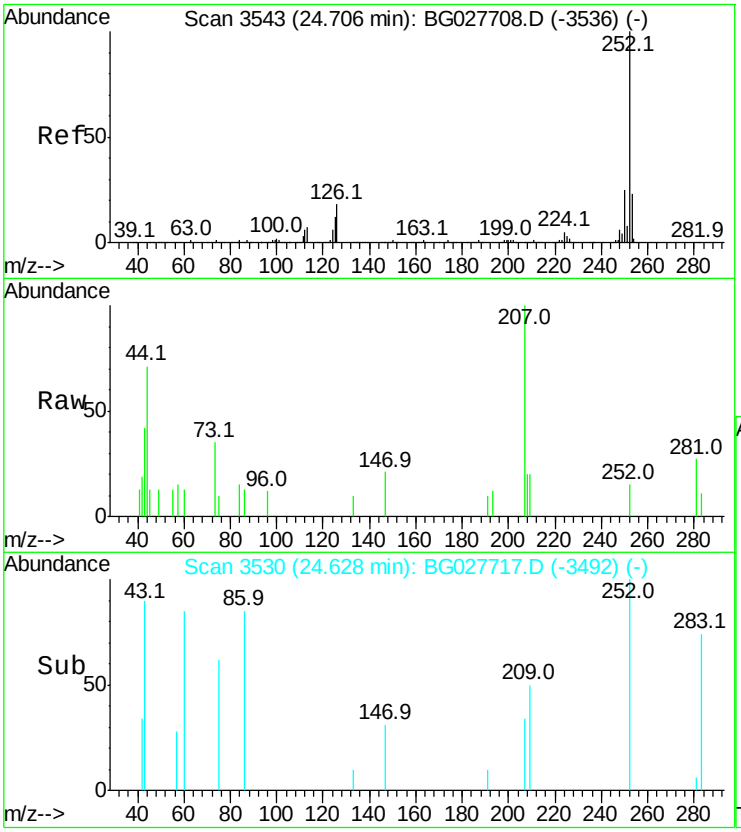


#87
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 24.63 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion:252 Resp: 96

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.7	28.1#
125	0.0	5.3	7.9#



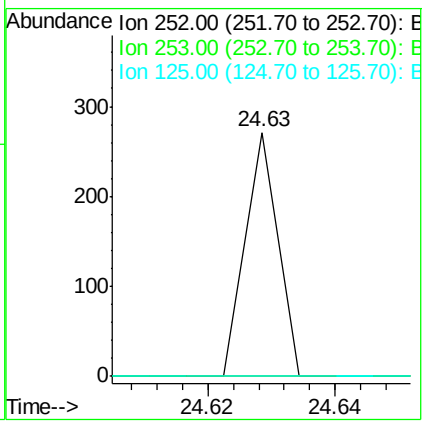


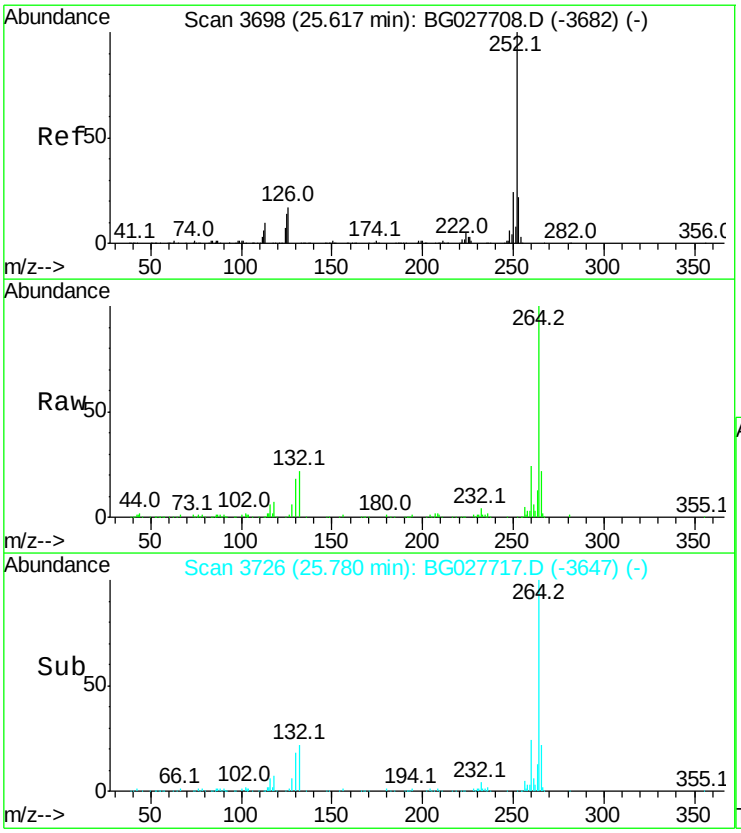
#88
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 24.63 min Scan# 3530
Delta R.T. -0.08 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 96

Ion	Ratio	Lower	Upper
252	100		
253	0.0	20.2	30.2#
125	0.0	5.1	7.7#





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 25.78 min Scan# 3726
Delta R.T. 0.16 min
Lab File: BG027717.D
Acq: 28 Jun 2017 20:09

Tgt Ion:252 Resp: 893

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