Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062817\
Data File : BG027721.D
Acq On : 28 Jun 2017 22:47
Operator : SJ/JU
Sample : PB100229TB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 29 06:45:22 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	35586	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	162409	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	91334	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	262098	20.00	ng	0.00
75) Chrysene-d12	22.17	240	294471	20.00	ng	0.00
86) Perylene-d12	25.78	264	280083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	317762	137.50	ng	0.00
7) Phenol-d6	7.61	99	430108	121.83	ng	0.00
23) Nitrobenzene-d5	9.64	82	244888	84.05	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	184894	147.59	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	573270	89.64	ng	0.00
78) Terphenyl-d14	20.39	244	1209180	96.27	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	4.09	88	63	0.07	ng	# 1
4) n-Nitrosodimethylamine	4.34	42	68	0.05	ng	# 1
6) Aniline	8.01	93	326	0.08	ng	# 1
9) Benzaldehyde	7.61	77	530	0.25	ng	# 10
11) bis(2-Chloroethyl)ether	8.01	93	326	0.12	ng	# 1
15) Benzyl Alcohol	8.80	79	3950	1.62	ng	# 32
24) Nitrobenzene	9.64	77	565	0.19	ng	# 27
45) 1,1'-Biphenyl	13.91	154	915	0.12	ng	# 41
51) Acenaphthene	15.07	154	74	0.01	ng	# 6
62) Azobenzene	16.54	77	1048	0.14	ng	# 61
65) n-Nitrosodiphenylamine	16.54	169	6552	0.77	ng	# 36
73) Di-n-butylphthalate	18.75	149	186	0.01	ng	# 73
76) Benzidine	19.94	184	62	3.23	ng	# 64
77) Pyrene	20.39	202	4175	0.23	ng	# 66
79) Butylbenzylphthalate	21.08	149	58	0.01	ng	# 19
80) Benzo(a)anthracene	22.18	228	877	0.05	ng	# 61
81) 3,3'-Dichlorobenzidine	22.05	252	64	0.01	ng	# 24
82) Chrysene	22.18	228	877	0.05	ng	# 58
83) Bis(2-ethylhexyl)phthalate	22.00	149	547	0.04	ng	# 51
84) Di-n-octyl phthalate	23.35	149	534	0.03	ng	# 74
89) Benzo(a)pyrene	25.77	252	404	0.02	ng	# 63

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

Quantitation Report (Not Reviewed)

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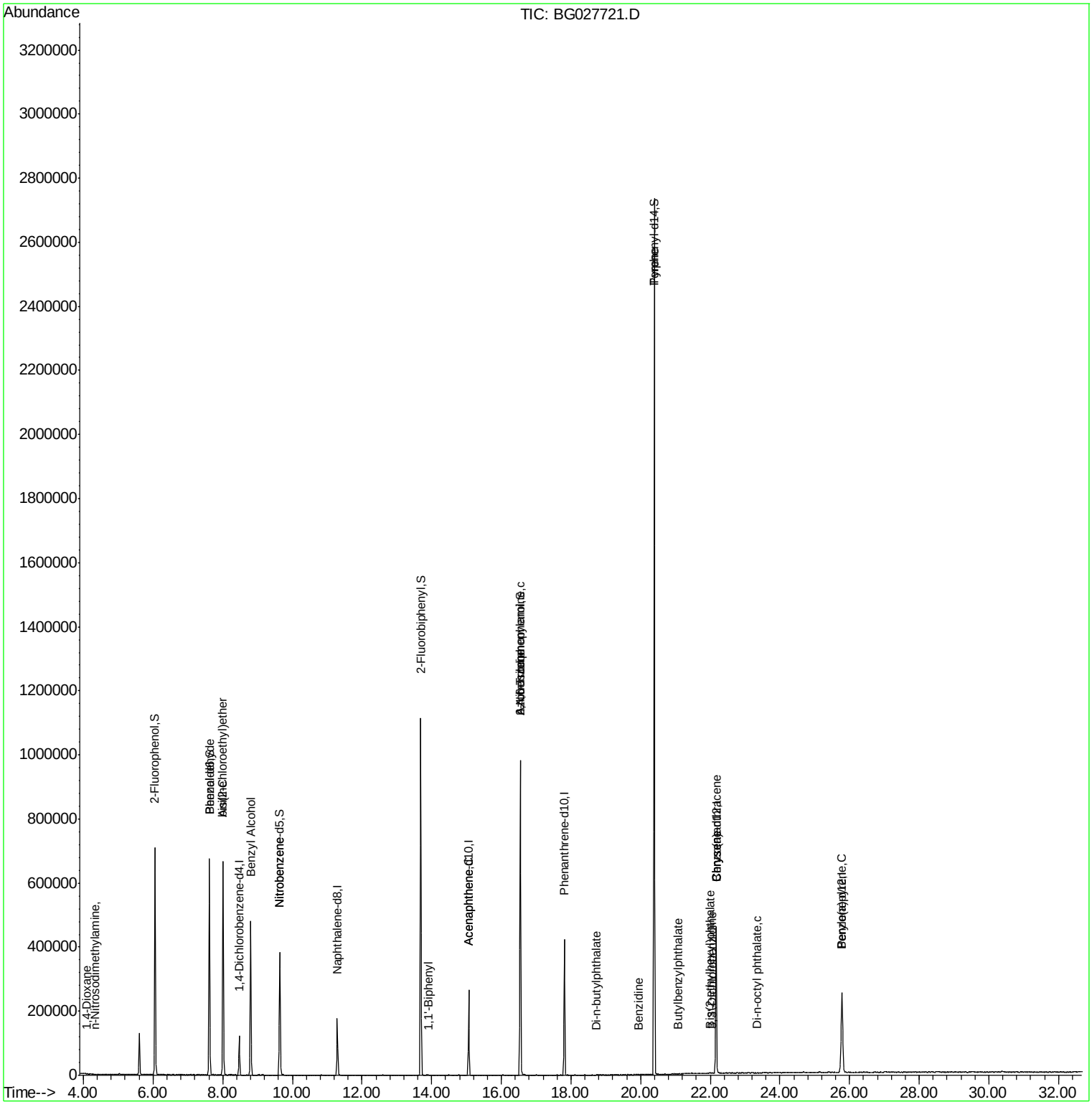
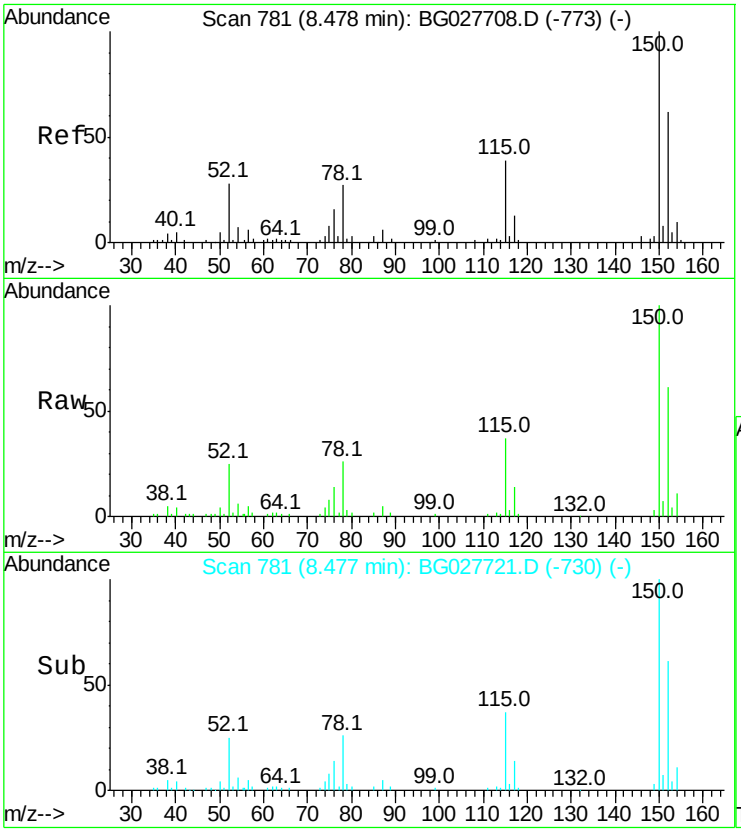


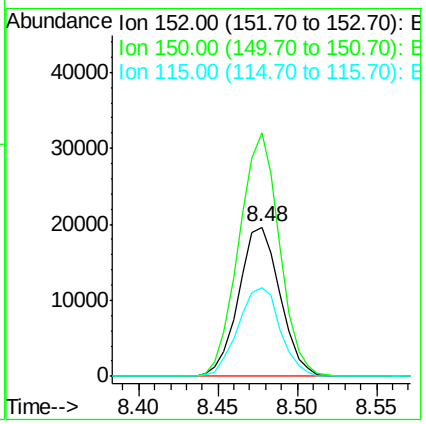


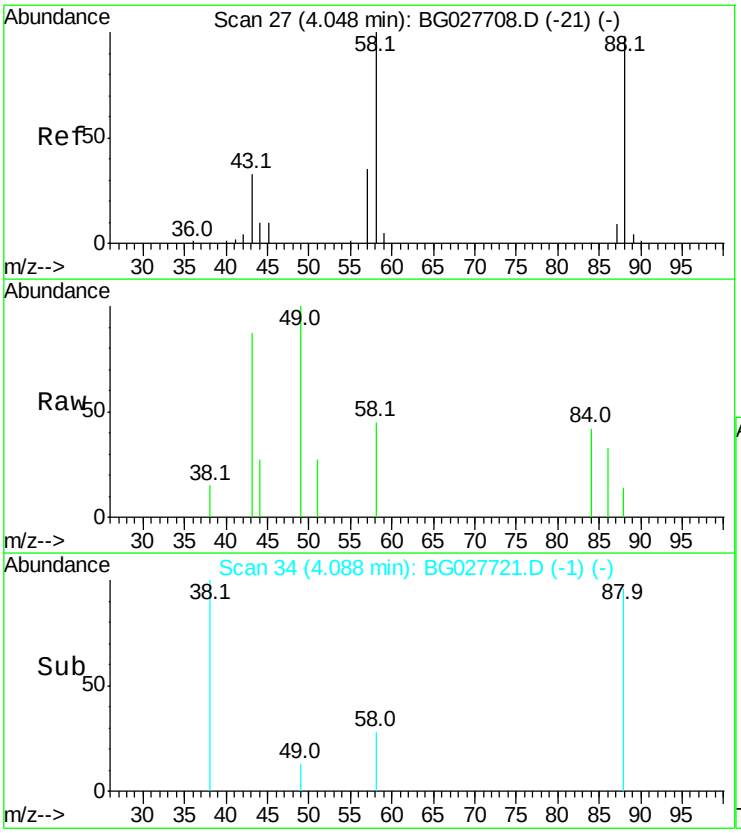
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 35586

Ion	Ratio	Lower	Upper
152	100		
150	162.9	114.0	171.0
115	59.5	48.1	72.1

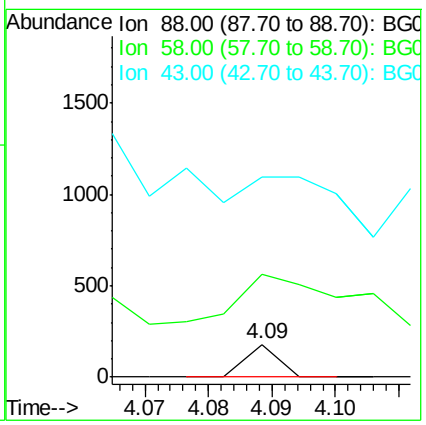


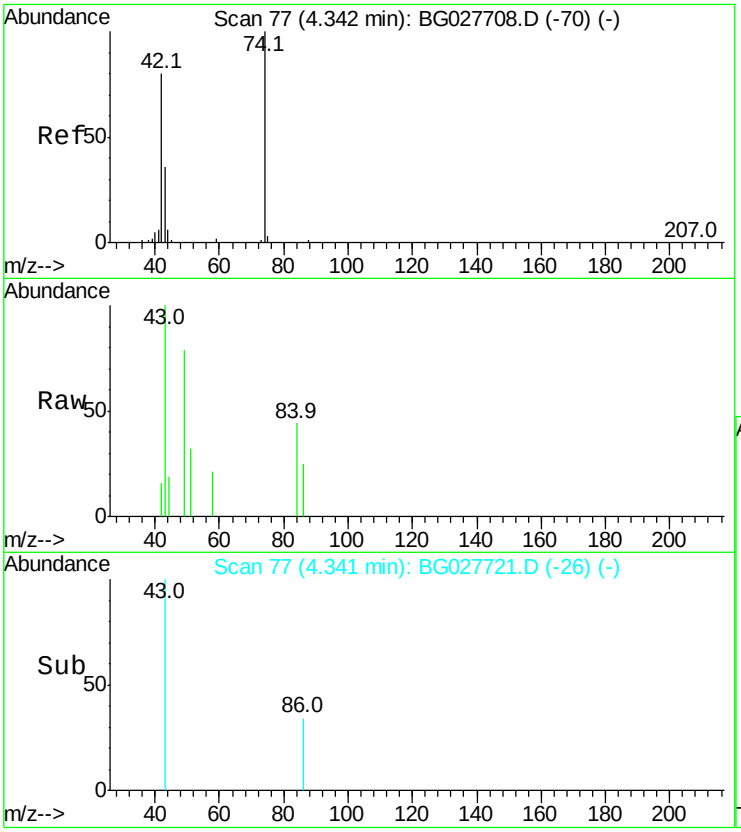


#2
1,4-Dioxane
Concen: 0.07 ng
RT: 4.09 min Scan# 34
Delta R.T. 0.04 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
58	506.3	79.4	119.2#
43	0.0	33.8	50.6#



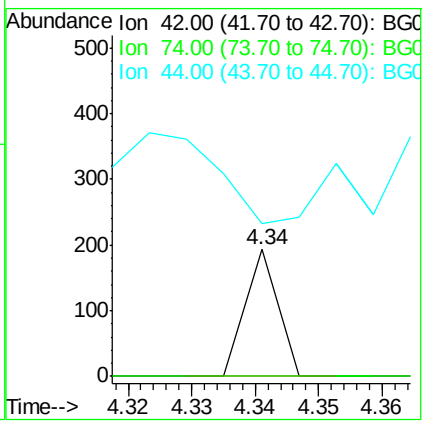


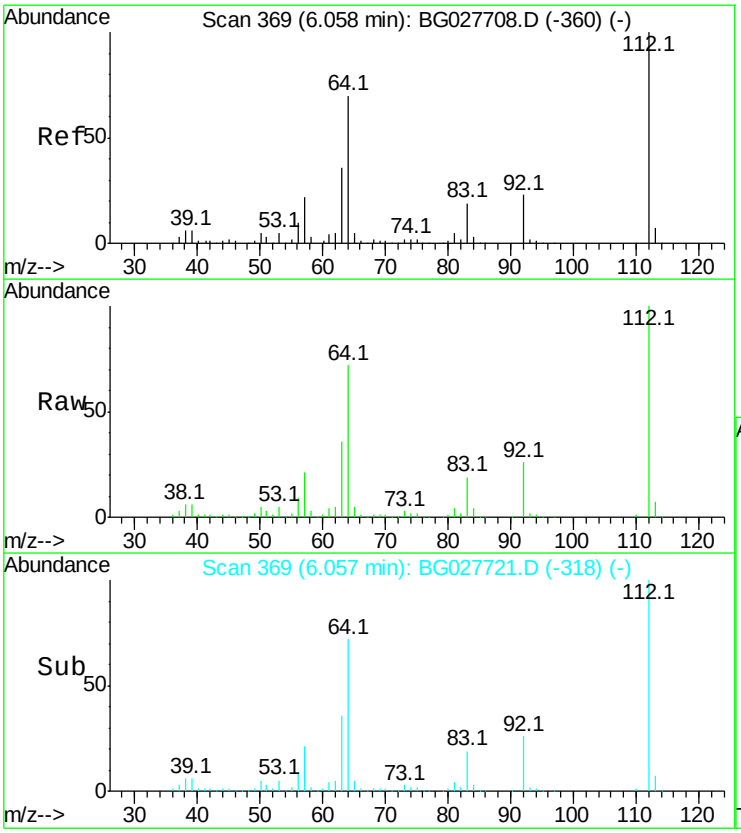
#4
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 4.34 min Scan# 77
Delta R.T. -0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 68

Ion	Ratio	Lower	Upper
42	100		
74	0.0	76.7	115.1#
44	120.7	6.1	9.1#

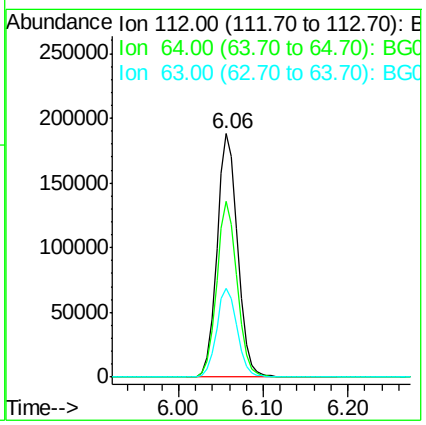


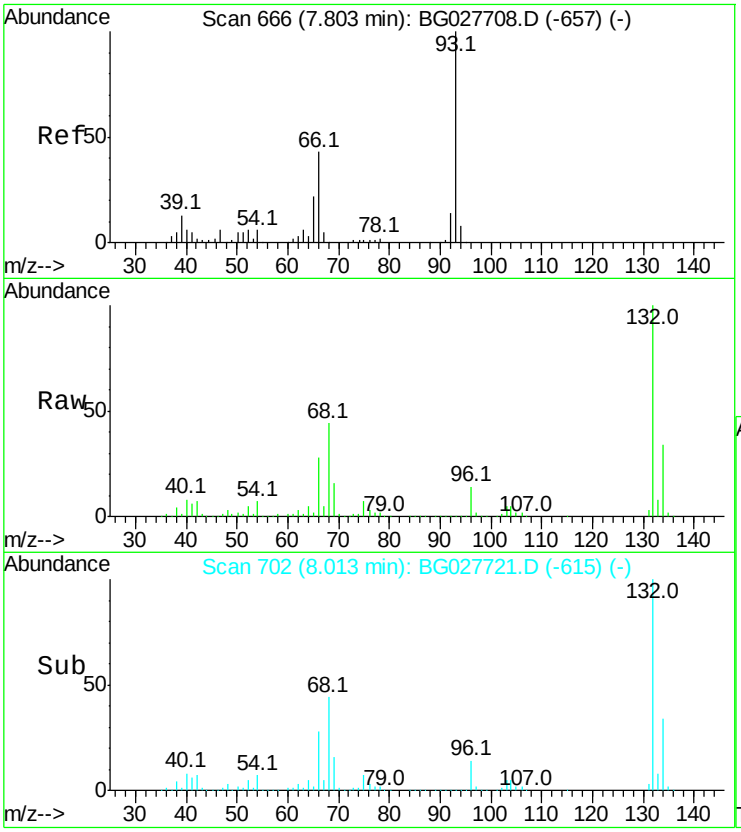


#5
2-Fluorophenol
Concen: 137.50 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion:112 Resp: 317762

Ion	Ratio	Lower	Upper
112	100		
64	72.4	61.8	92.6
63	36.4	37.2	55.8#



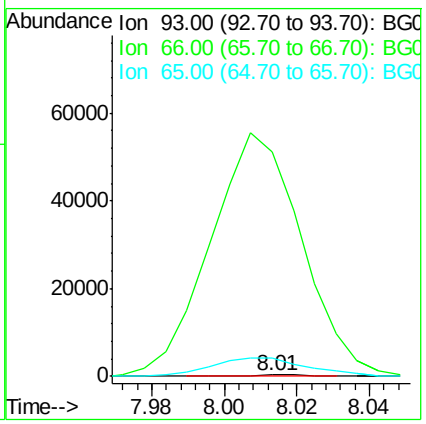


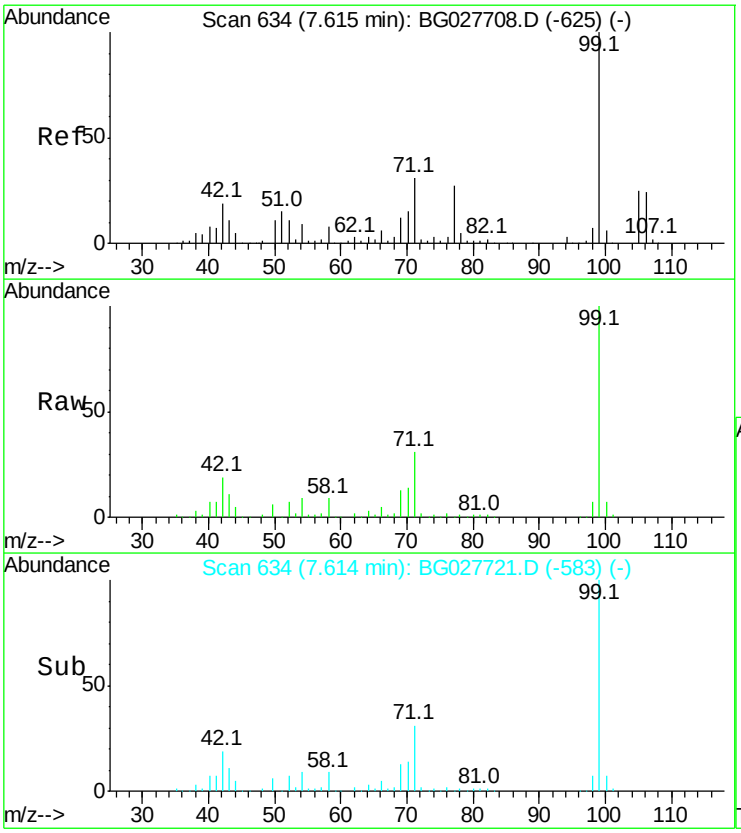
#6
Aniline
Concen: 0.08 ng
RT: 8.01 min Scan# 702
Delta R.T. 0.21 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 326

Ion	Ratio	Lower	Upper
93	100		
66	18345.5	35.4	53.2#
65	1472.8	21.2	31.8#

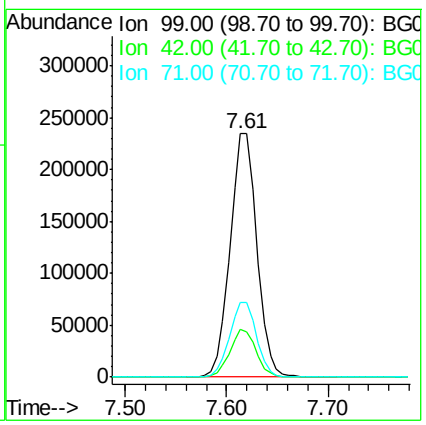


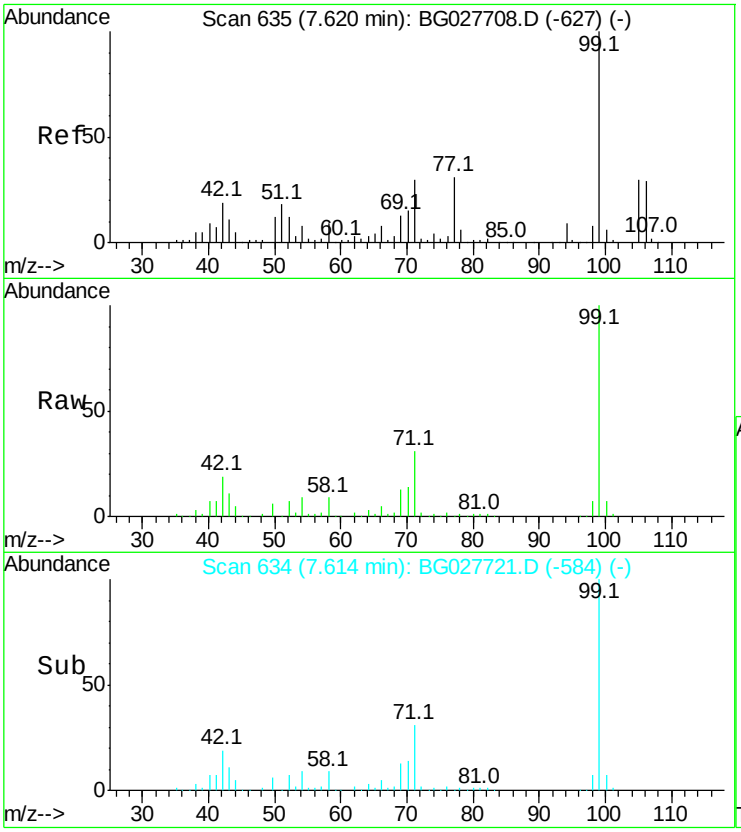


#7
Phenol-d6
Concen: 121.83 ng
RT: 7.61 min Scan# 634
Delta R.T. -0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion: 99 Resp: 430108

Ion	Ratio	Lower	Upper
99	100		
42	19.4	20.5	30.7#
71	30.9	37.6	56.4#



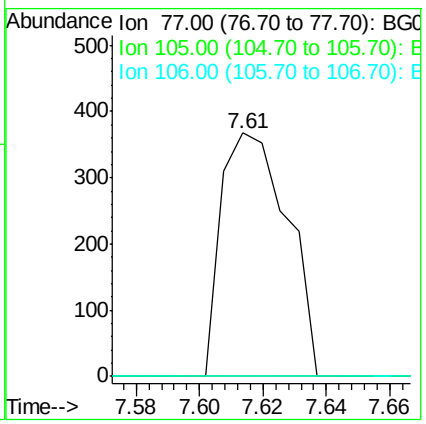


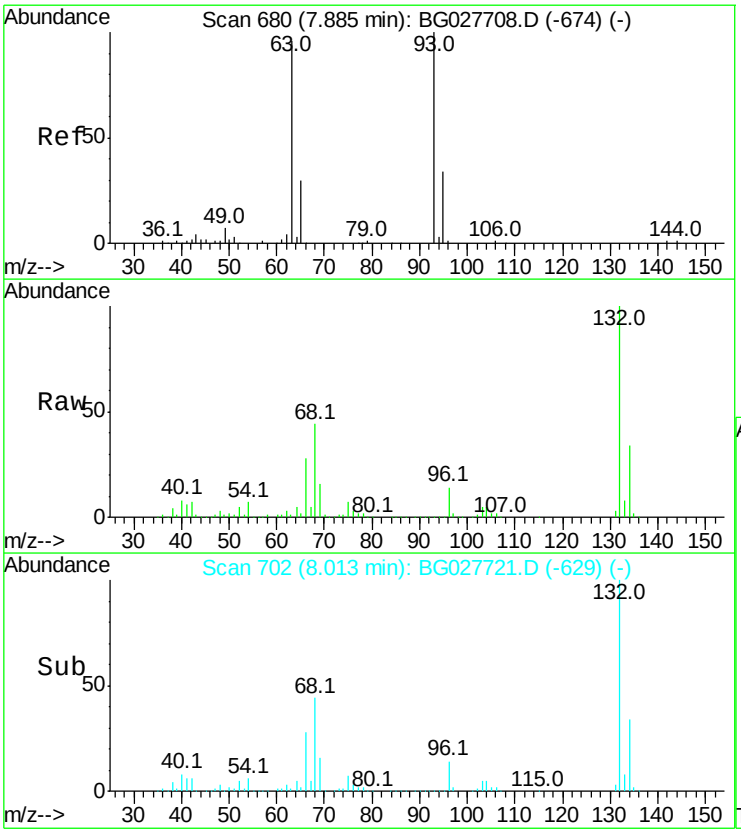
#9
Benzaldehyde
Concen: 0.25 ng
RT: 7.61 min Scan# 634
Delta R.T. -0.01 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 530

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

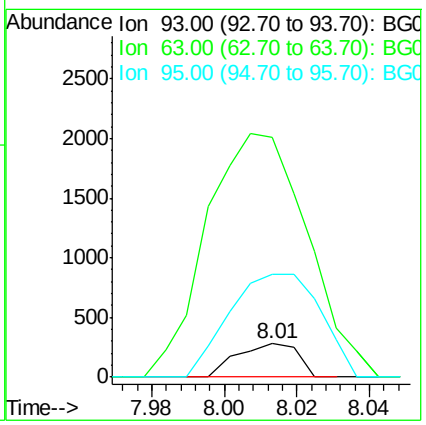


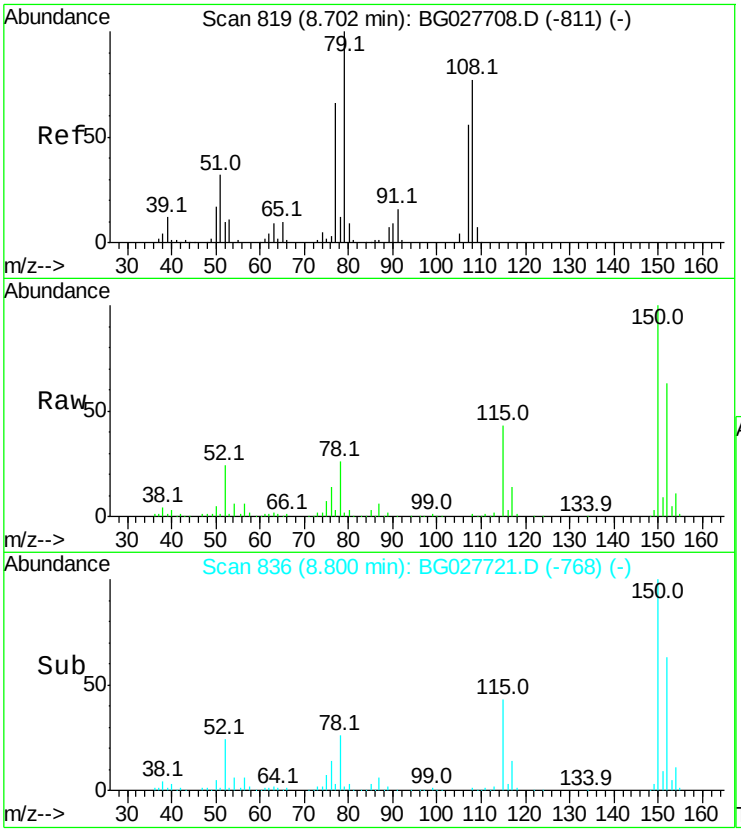


#11
bis(2-Chloroethyl)ether
Concen: 0.12 ng
RT: 8.01 min Scan# 702
Delta R.T. 0.13 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion: 93 Resp: 326

Ion	Ratio	Lower	Upper
93	100		
63	720.8	78.5	118.5#
95	310.0	9.8	49.8#



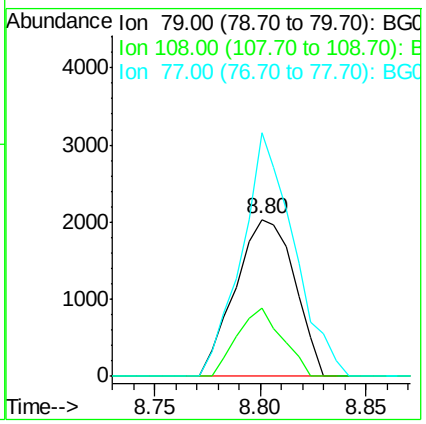


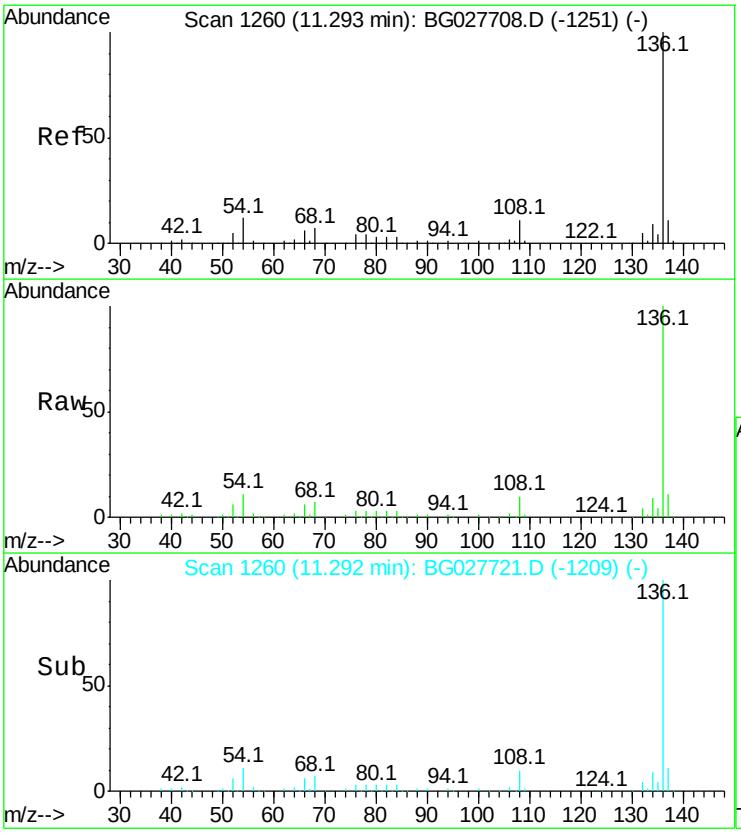
#15
Benzyl Alcohol
Concen: 1.62 ng
RT: 8.80 min Scan# 836
Delta R.T. 0.10 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 3950

Ion	Ratio	Lower	Upper
79	100		
108	43.2	45.5	68.3#
77	155.4	54.3	81.5#

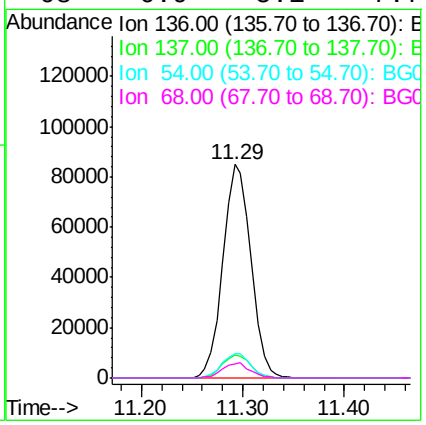


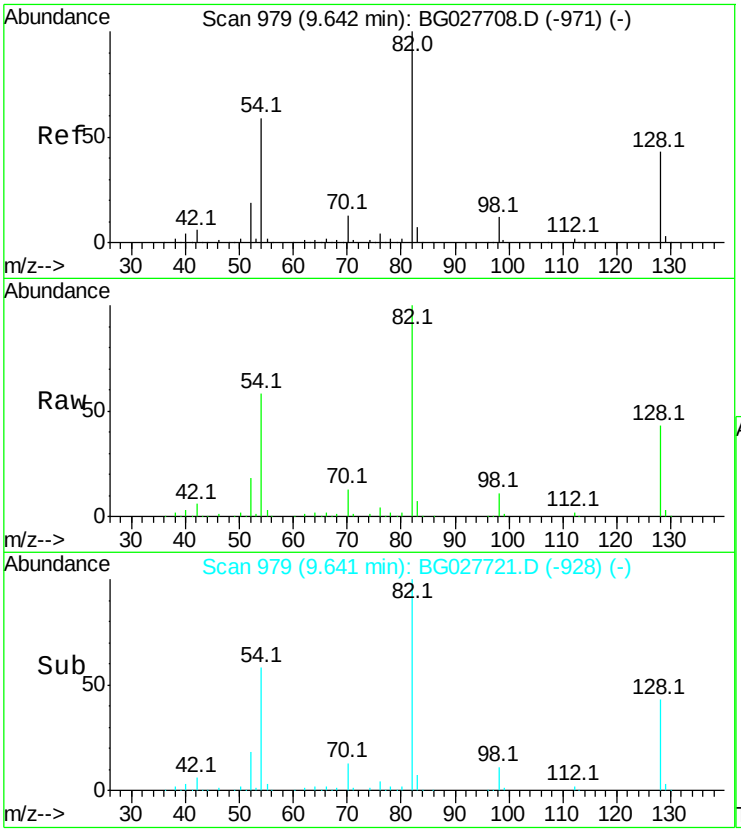


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.29 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion:136 Resp: 162409

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	11.4	9.3	13.9
68	6.9	5.1	7.7



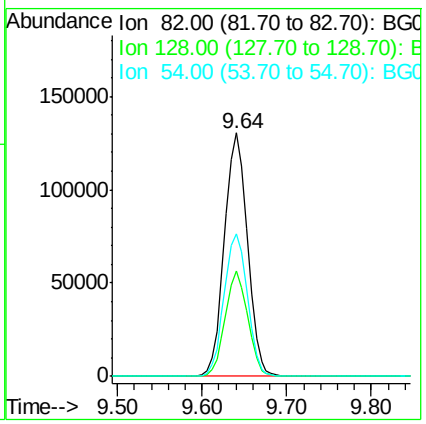


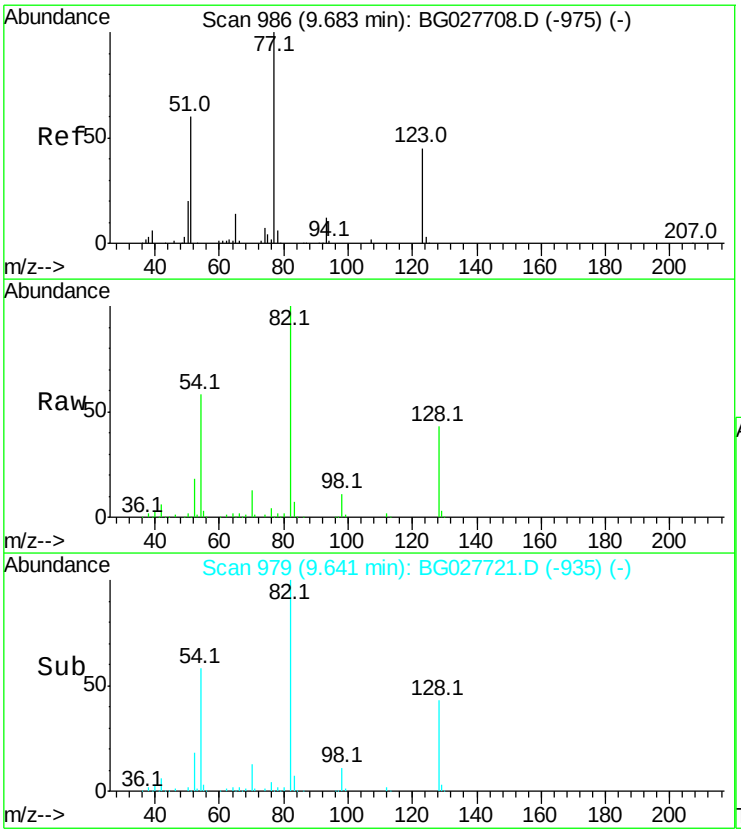
#23
Nitrobenzene-d5
Concen: 84.05 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 244888

Ion	Ratio	Lower	Upper
82	100		
128	43.4	26.4	39.6#
54	58.3	49.4	74.2

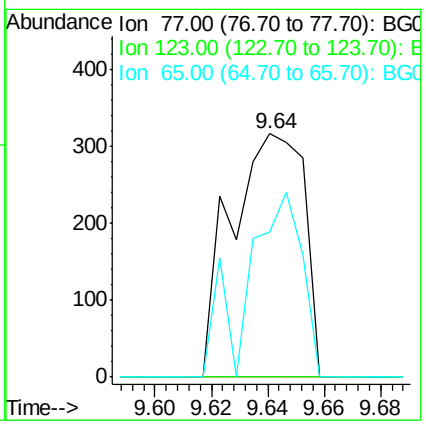


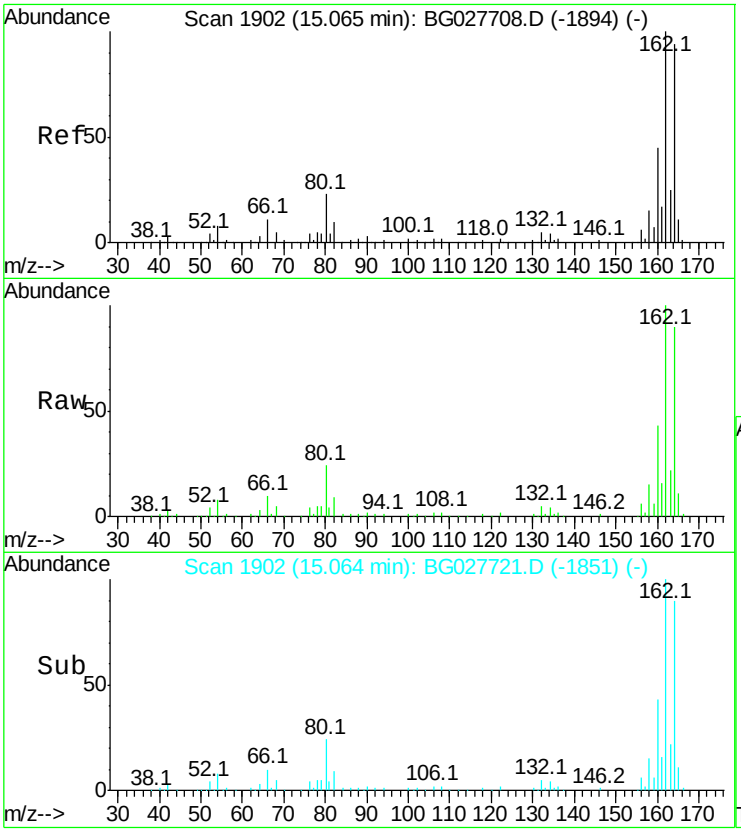


#24
Nitrobenzene
Concen: 0.19 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.04 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion: 77 Resp: 565

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	59.3	12.4	18.6#



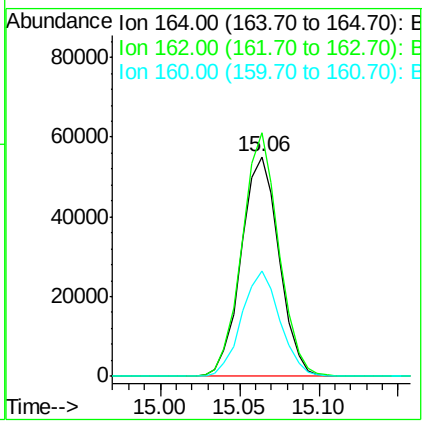


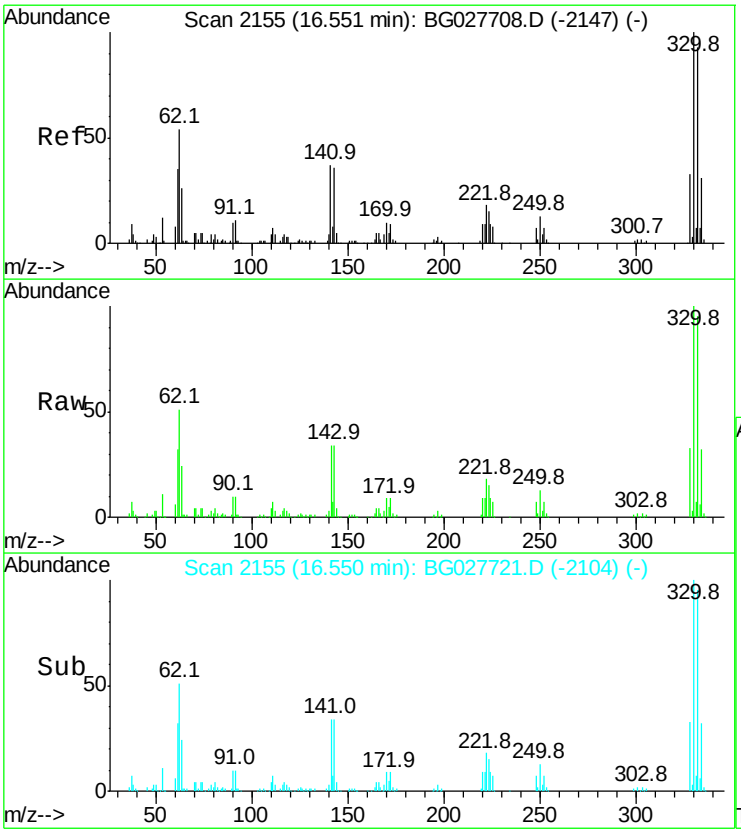
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 91334

Ion	Ratio	Lower	Upper
164	100		
162	110.9	85.1	127.7
160	48.0	34.7	52.1

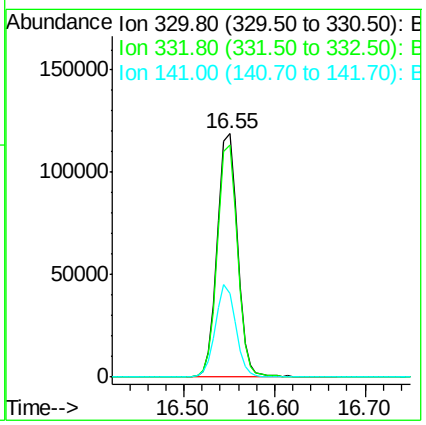


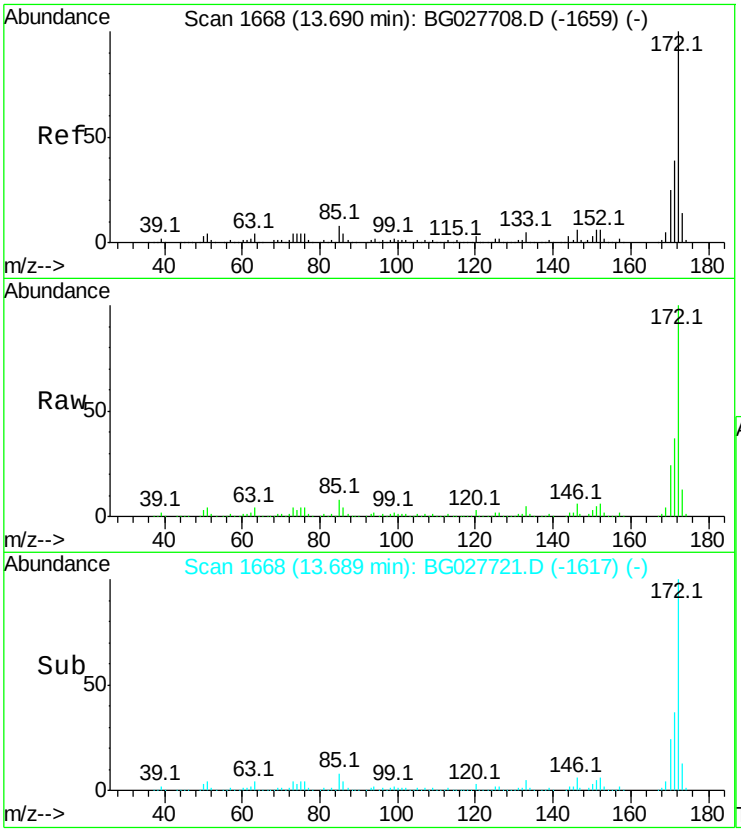


#41
2,4,6-Tribromophenol
Concen: 147.59 ng
RT: 16.55 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion:330 Resp: 184894

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.3	115.9
141	38.0	32.1	48.1



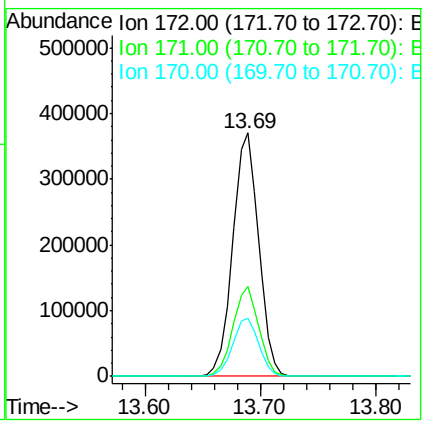


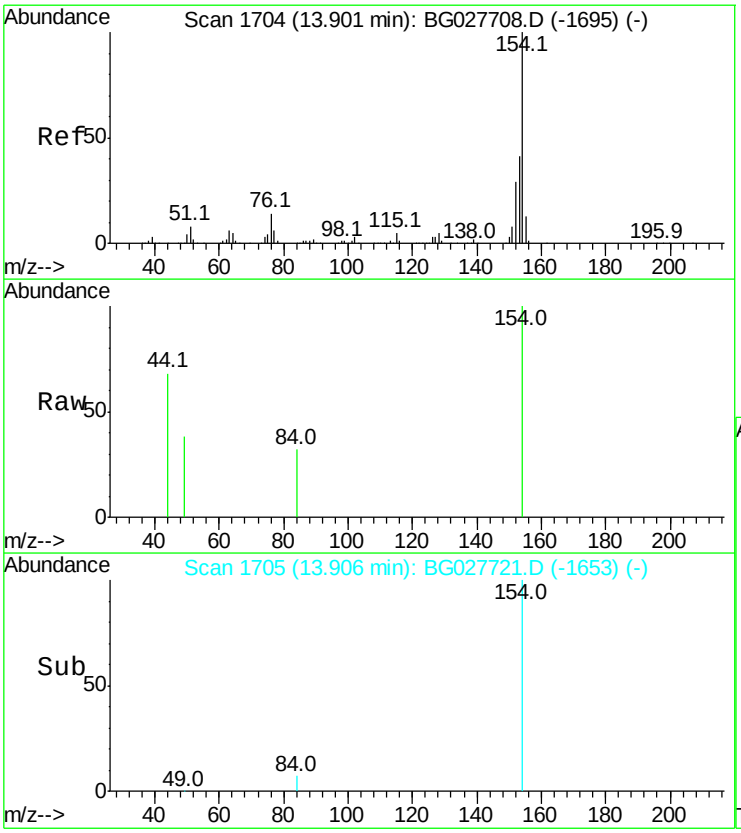
#44
2-Fluorobiphenyl
Concen: 89.64 ng
RT: 13.69 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 573270

Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	24.0	21.8	32.6

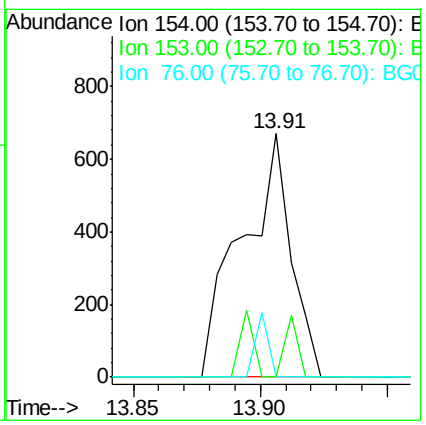


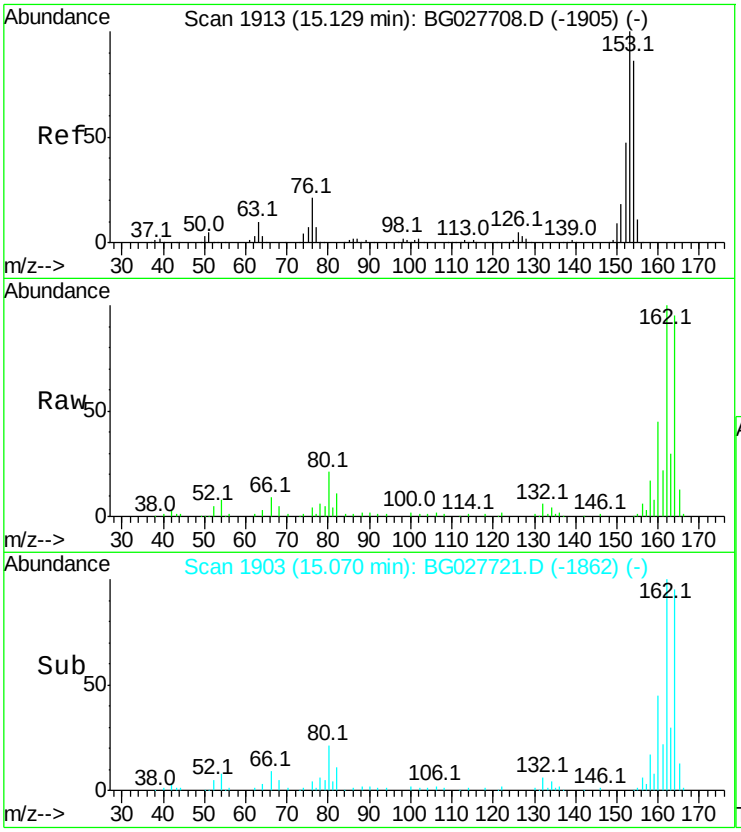


#45
1,1'-Biphenyl
Concen: 0.12 ng
RT: 13.91 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion:154 Resp: 915

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



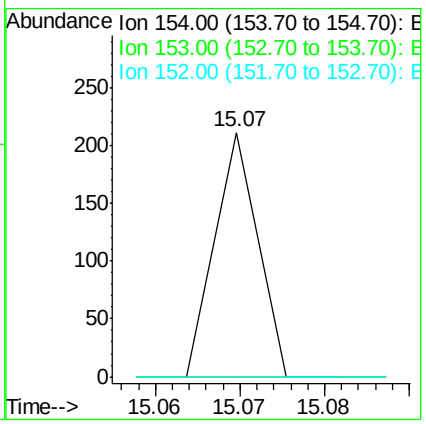


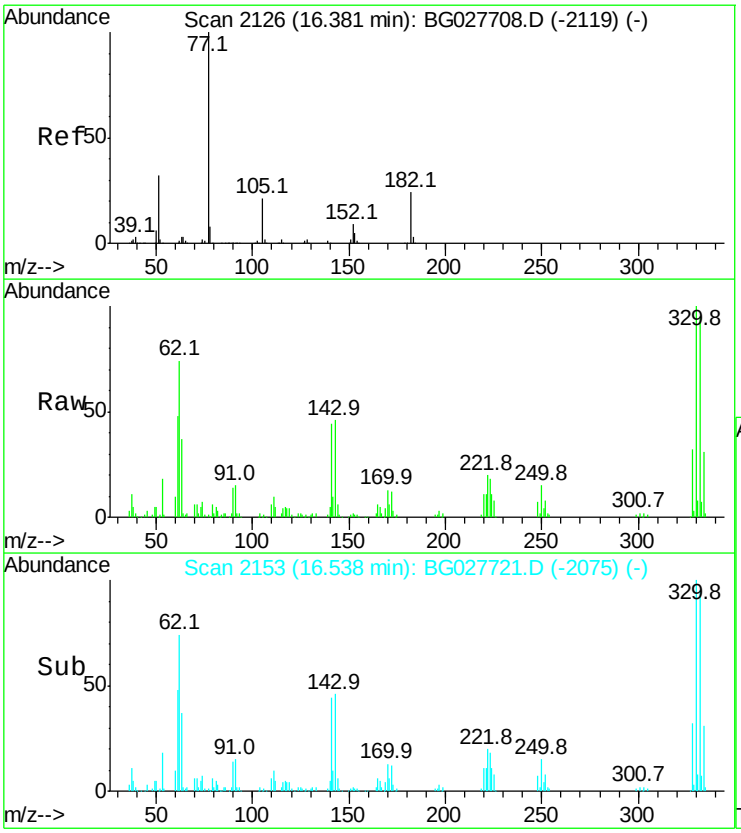
#51
Acenaphthene
Concen: 0.01 ng
RT: 15.07 min Scan# 1903
Delta R.T. -0.06 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 74

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

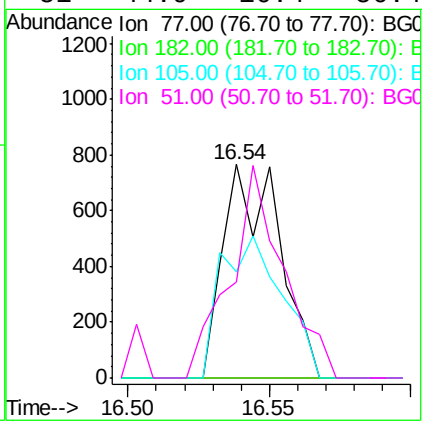


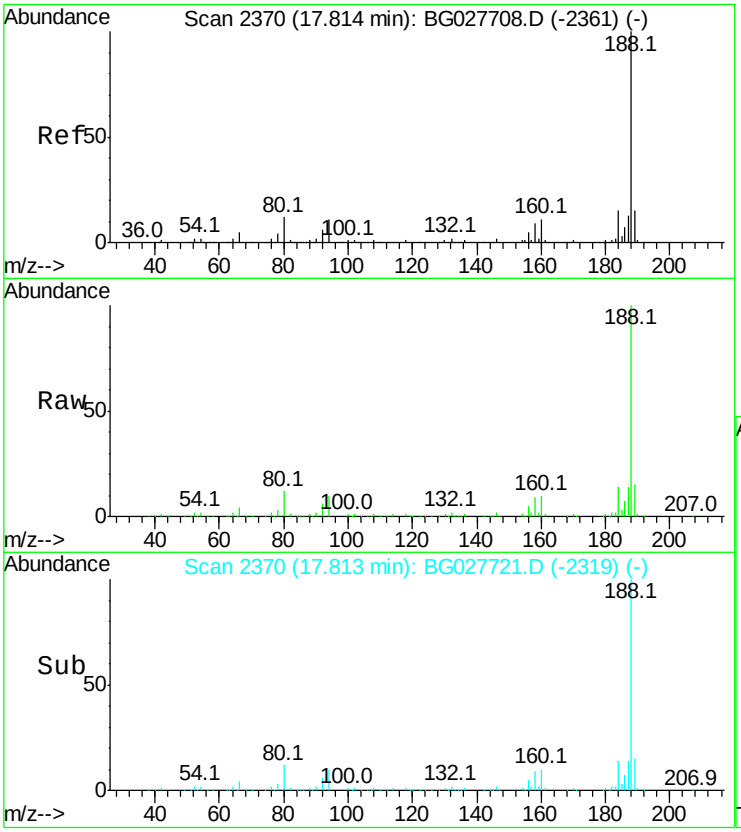


#62
Azobenzene
Concen: 0.14 ng
RT: 16.54 min Scan# 2153
Delta R.T. 0.16 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion: 77 Resp: 1048

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.7	44.7#
105	49.7	0.0	36.3#
51	44.9	16.4	56.4



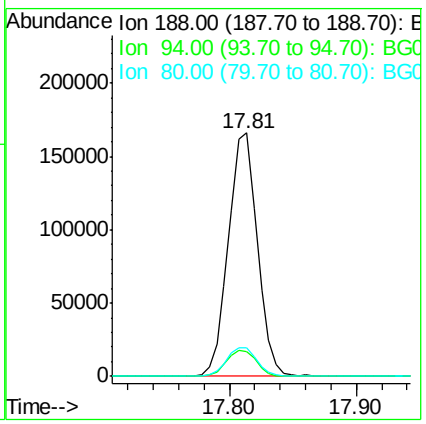


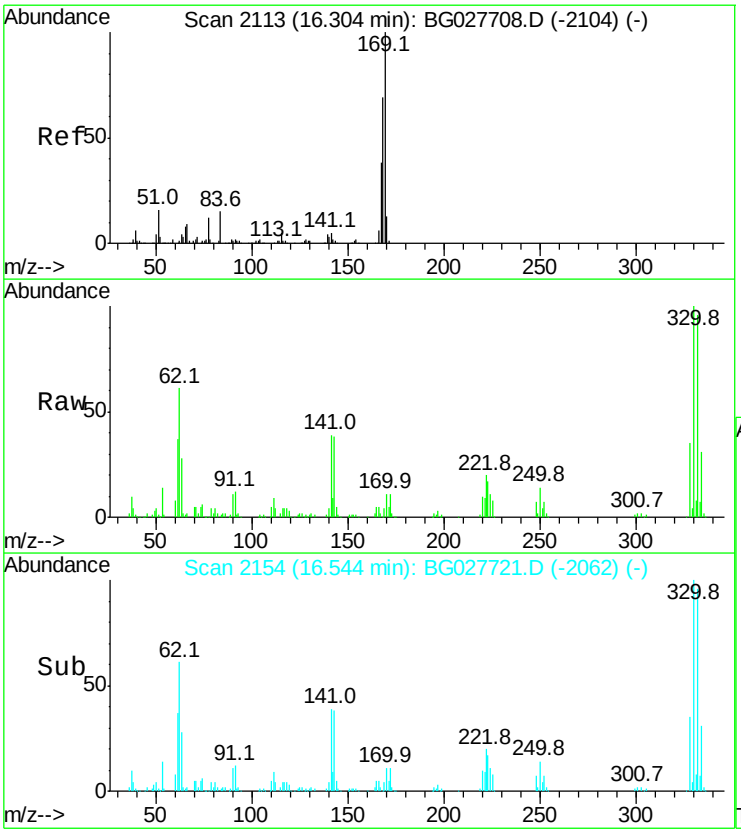
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 262098

Ion	Ratio	Lower	Upper
188	100		
94	10.2	5.8	8.8#
80	11.9	7.5	11.3#

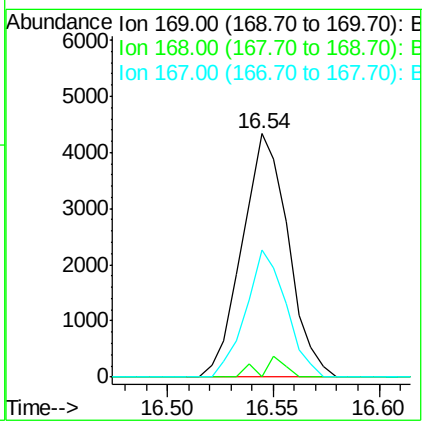


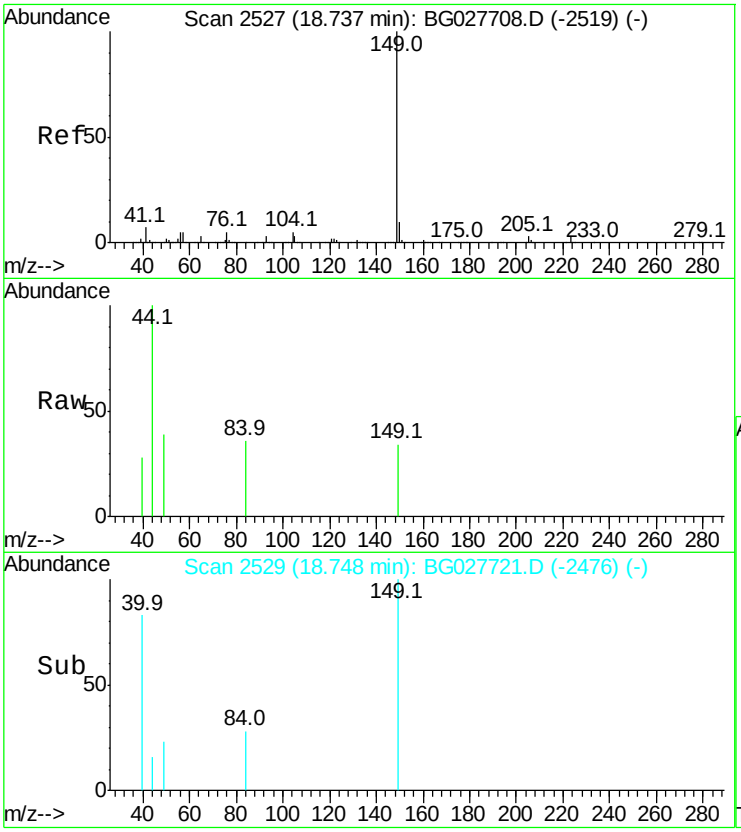


#65
n-Nitrosodiphenylamine
Concen: 0.77 ng
RT: 16.54 min Scan# 2154
Delta R.T. 0.24 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion:169 Resp: 6552

Ion	Ratio	Lower	Upper
169	100		
168	0.0	55.7	83.5#
167	52.1	29.8	44.6#



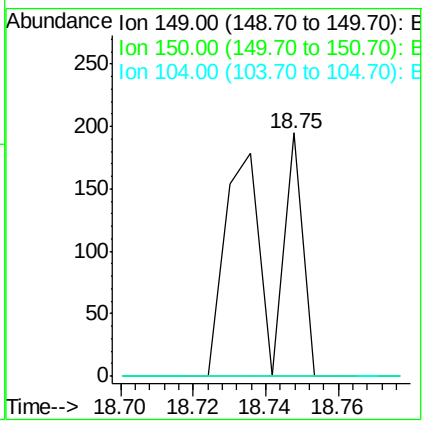


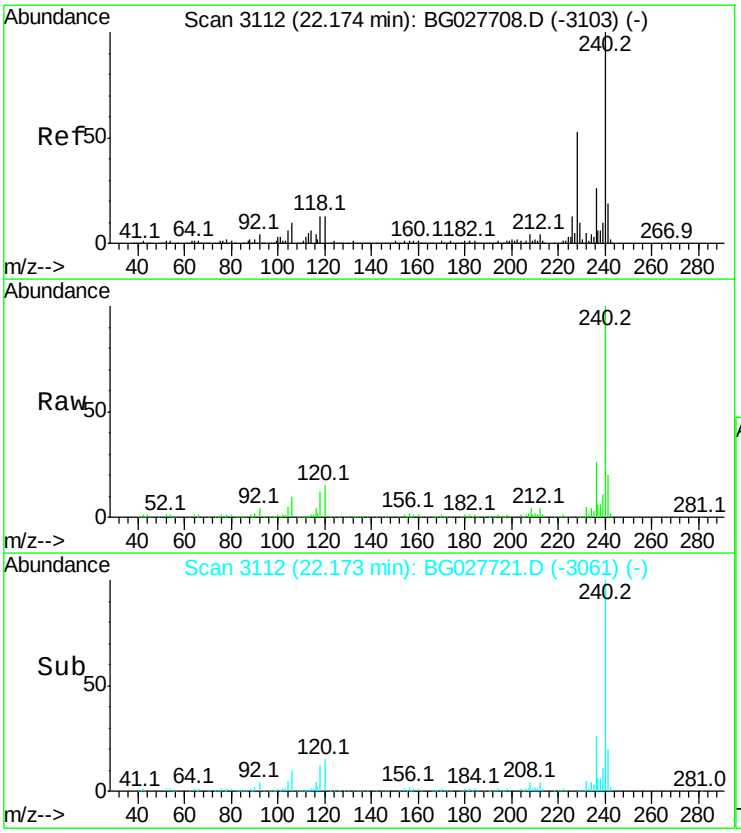
#73
Di-n-butylphthalate
Concen: 0.01 ng
RT: 18.75 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 186

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

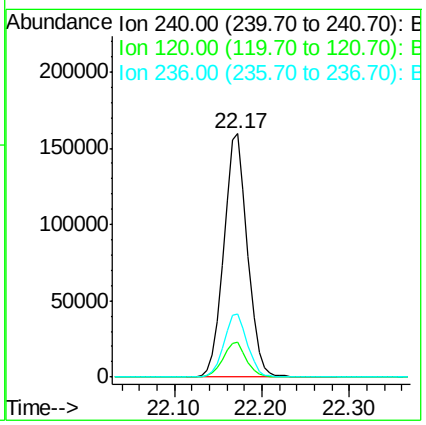


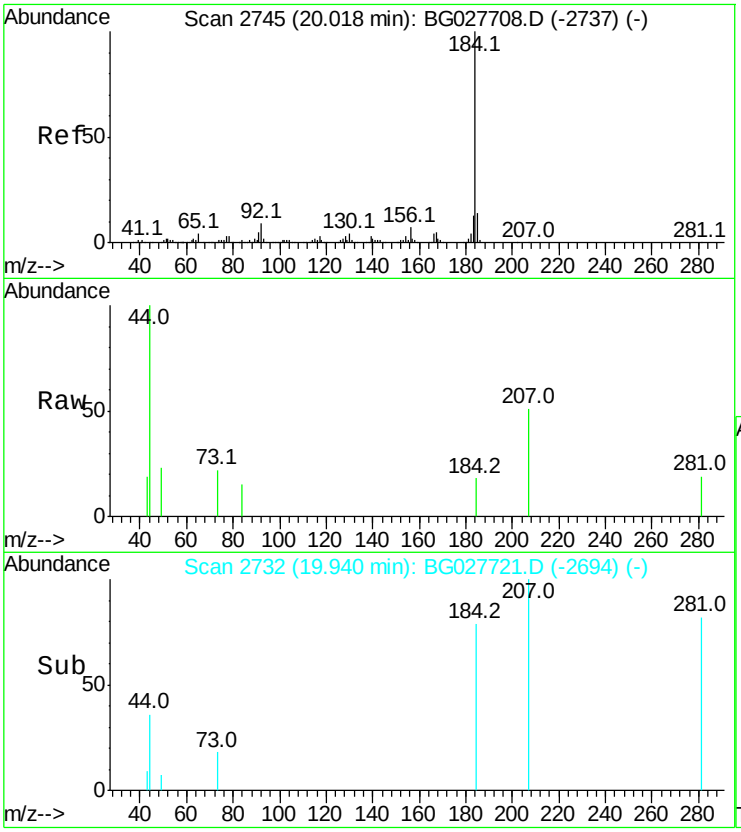


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion:240 Resp: 294471

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.7	8.5#
236	26.0	22.2	33.4



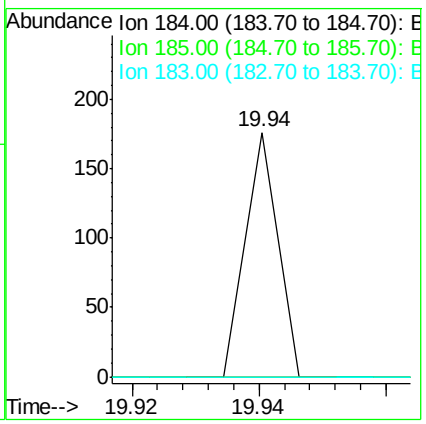


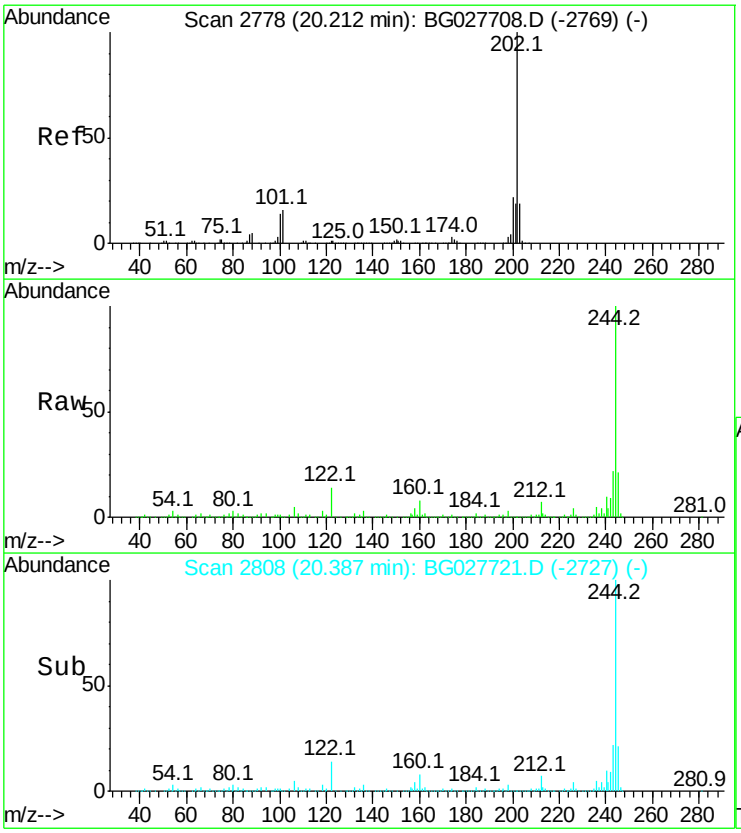
#76
Benzidine
Concen: 3.23 ng
RT: 19.94 min Scan# 2732
Delta R.T. -0.08 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 62

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

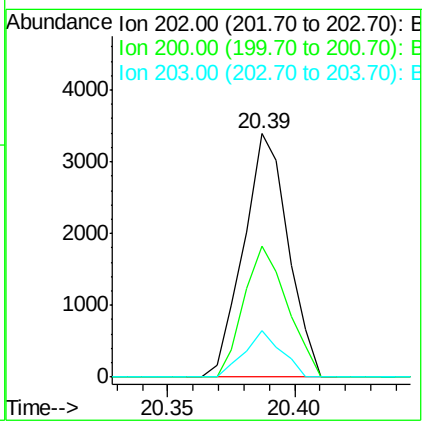


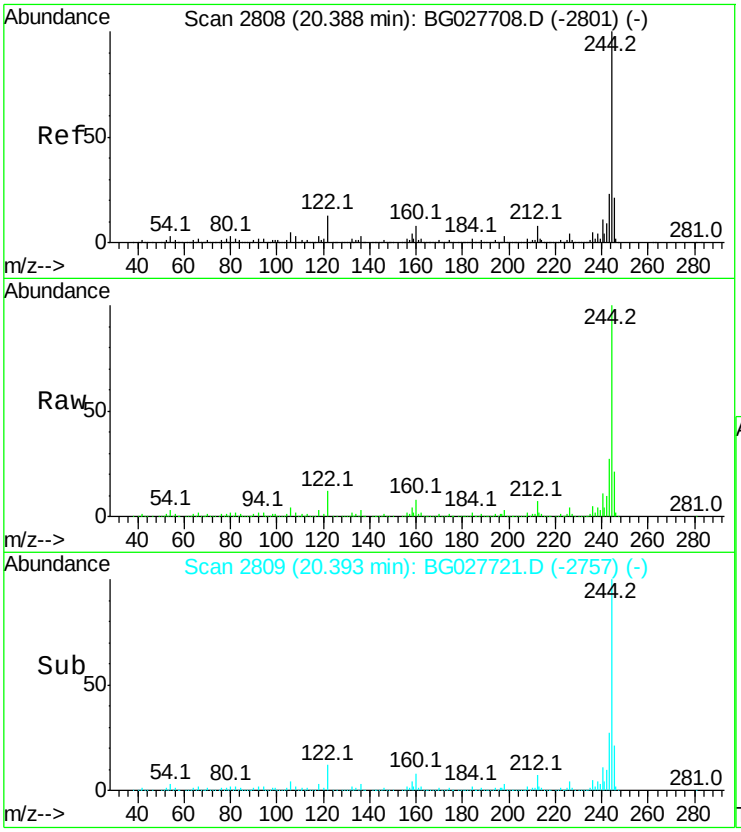


#77
Pyrene
Concen: 0.23 ng
RT: 20.39 min Scan# 2808
Delta R.T. 0.18 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion:202 Resp: 4175

Ion	Ratio	Lower	Upper
202	100		
200	54.0	19.6	29.4#
203	18.9	15.8	23.8



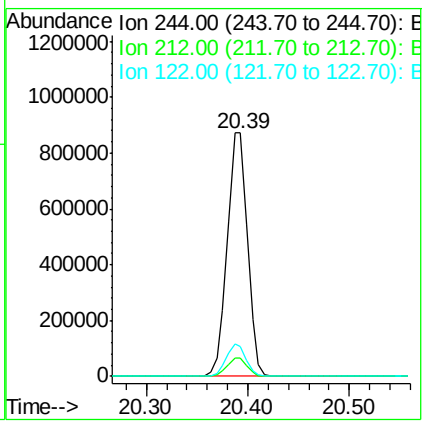


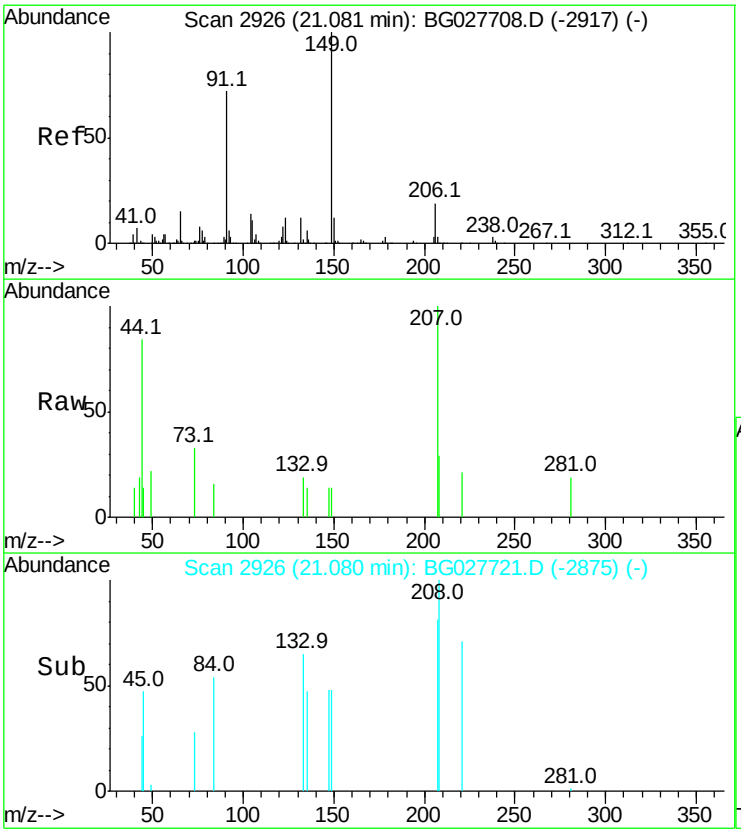
#78
Terphenyl-d14
Concen: 96.27 ng
RT: 20.39 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1209180

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	12.3	8.6	12.8

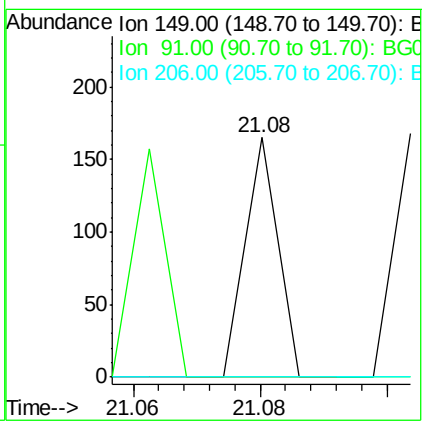


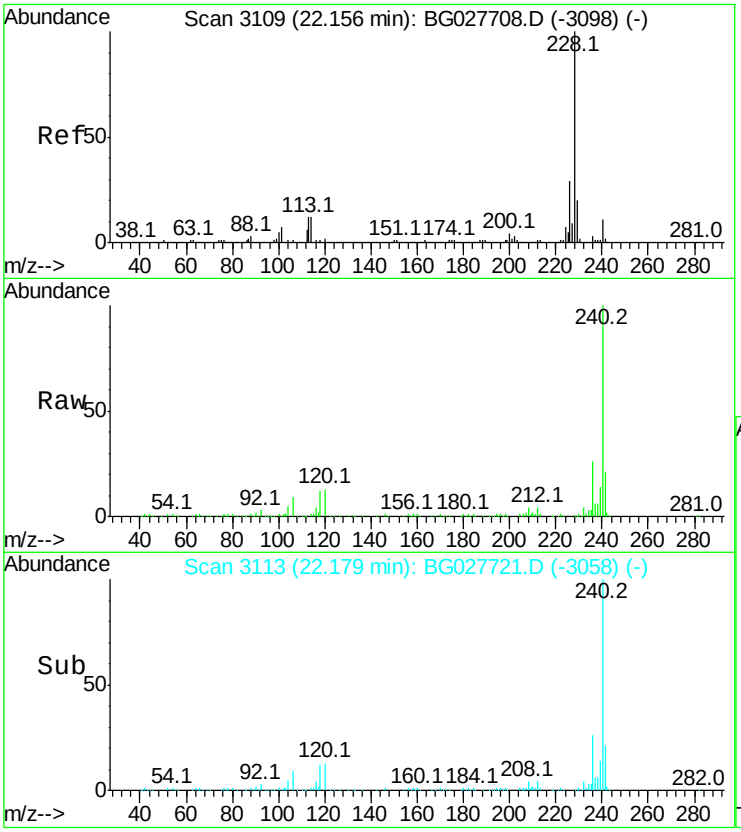


#79
Butylbenzylphthalate
Concen: 0.01 ng
RT: 21.08 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion:149 Resp: 58

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



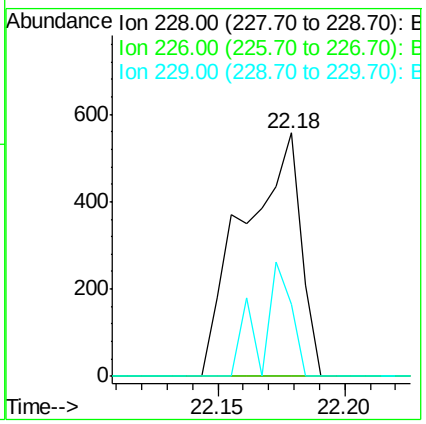


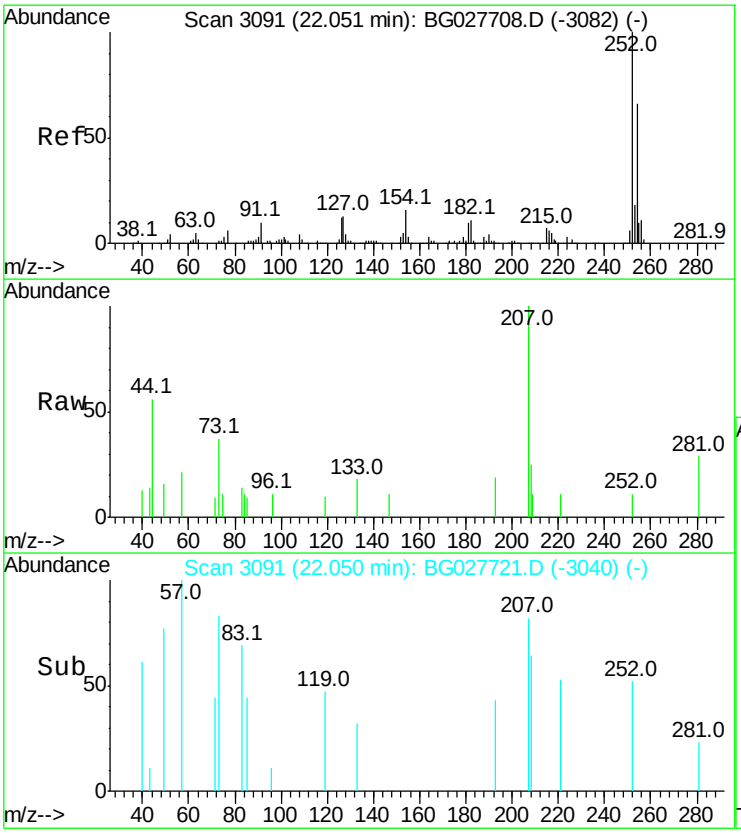
#80
Benzo(a)anthracene
Concen: 0.05 ng
RT: 22.18 min Scan# 3113
Delta R.T. 0.02 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 877

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	29.6	18.2	27.2#

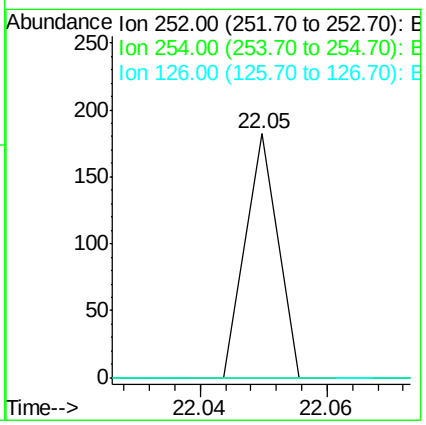


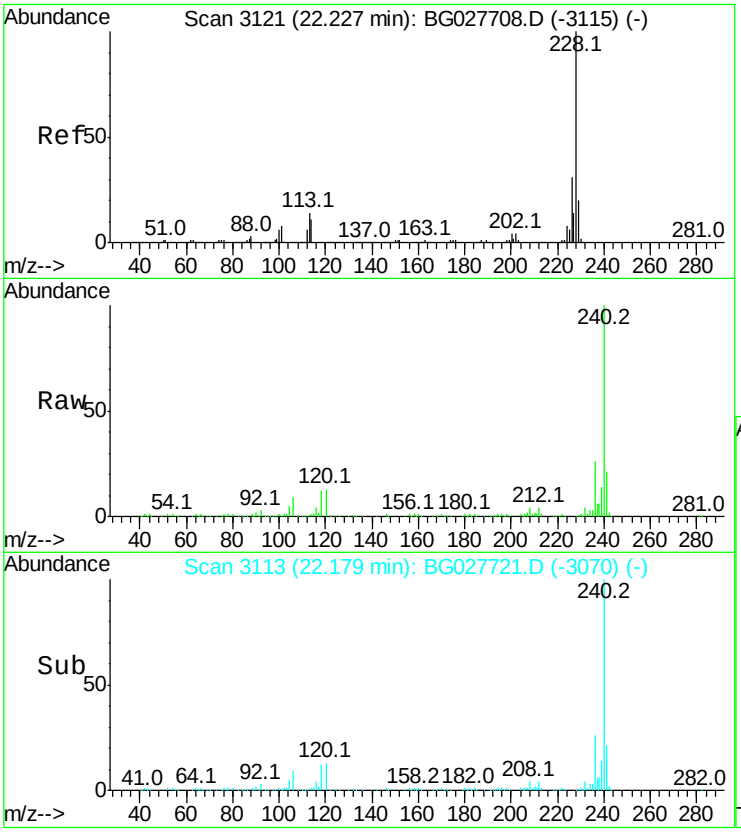


#81
3,3'-Dichlorobenzidine
Concen: 0.01 ng
RT: 22.05 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion:252 Resp: 64

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



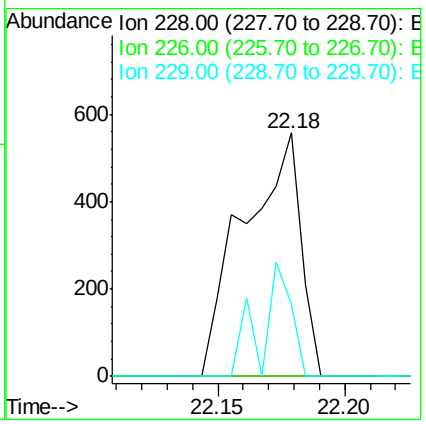


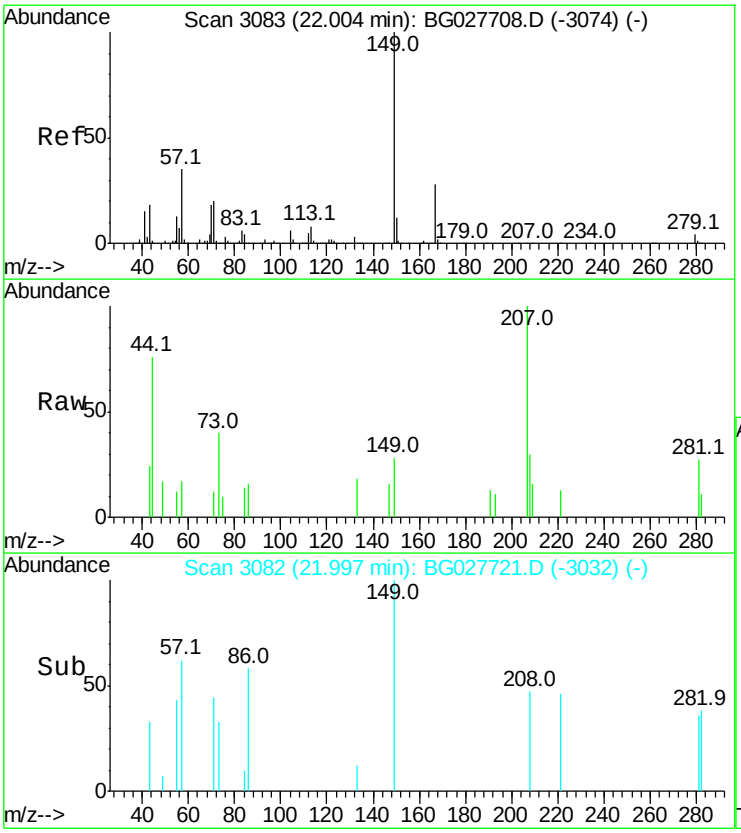
#82
Chrysene
Concen: 0.05 ng
RT: 22.18 min Scan# 3113
Delta R.T. -0.05 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 877

Ion	Ratio	Lower	Upper
228	100		
226	0.0	27.0	40.4#
229	29.6	17.8	26.6#

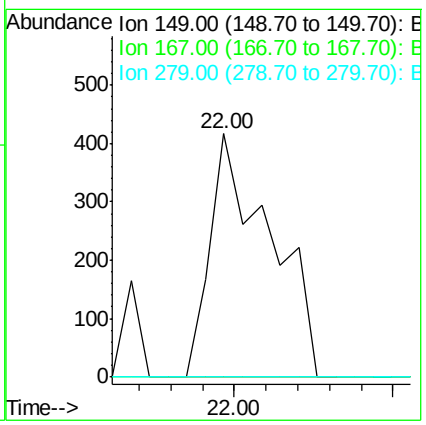


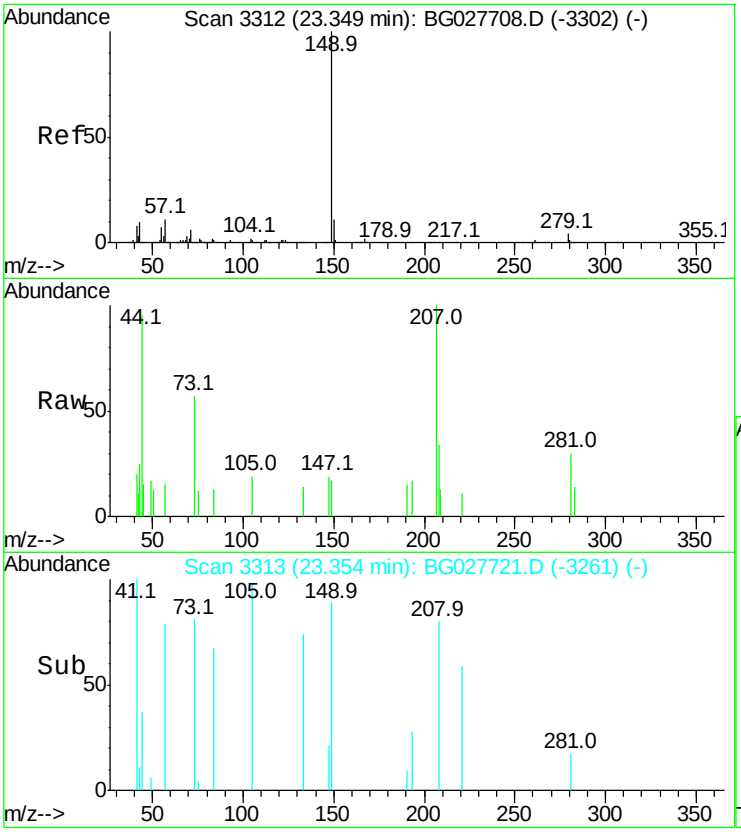


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 22.00 min Scan# 3082
Delta R.T. -0.01 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion:149 Resp: 547

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



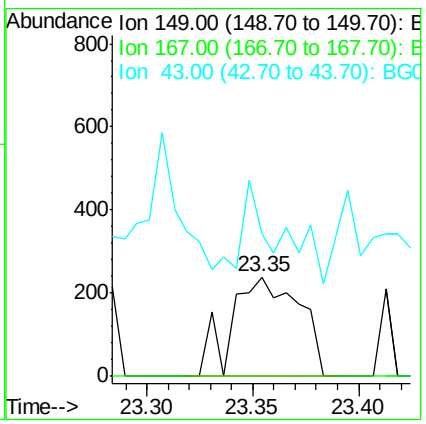


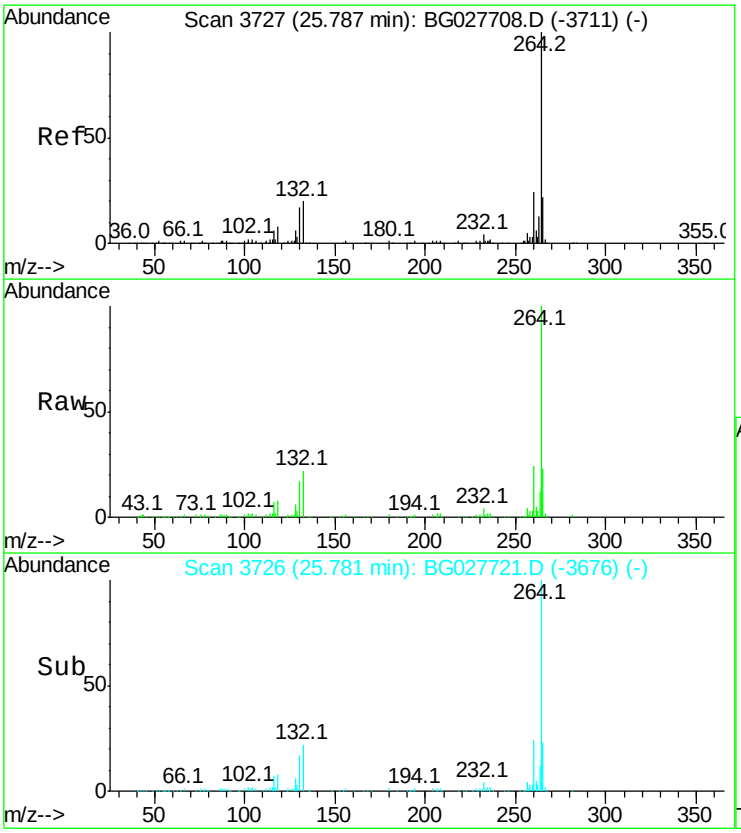
#84
Di-n-octyl phthalate
Concen: 0.03 ng
RT: 23.35 min Scan# 3313
Delta R.T. 0.00 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 534

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.2#
43	26.4	11.8	17.6#

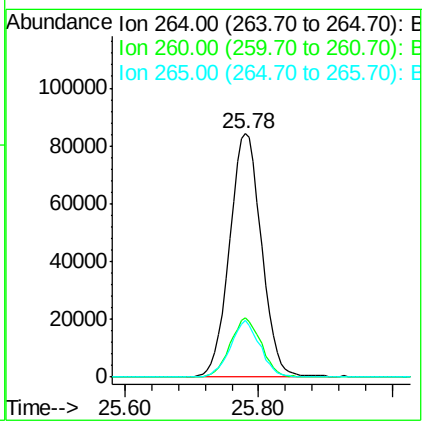


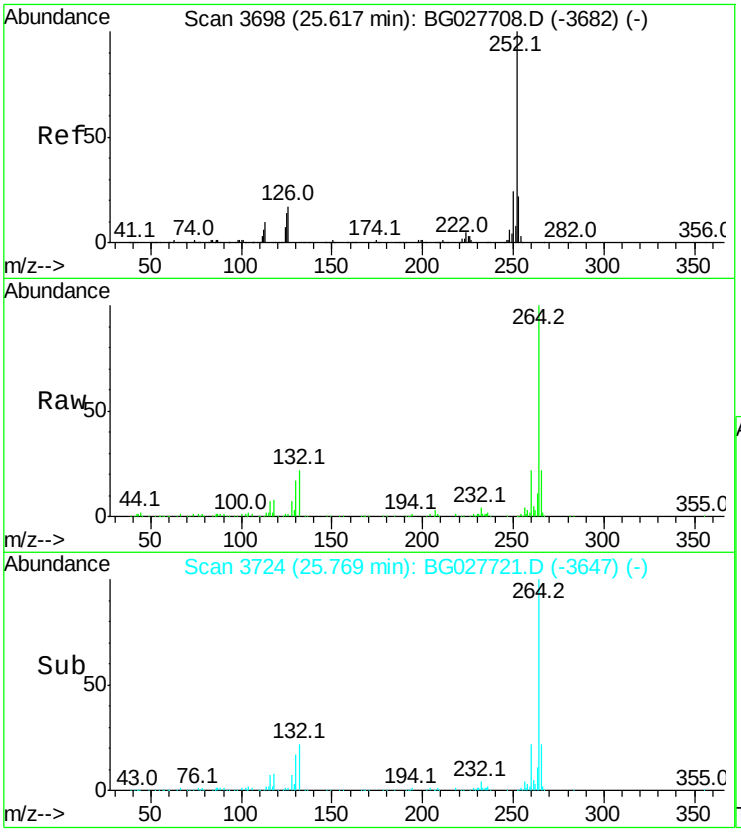


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.78 min Scan# 3726
Delta R.T. -0.01 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Tgt Ion:264 Resp: 280083

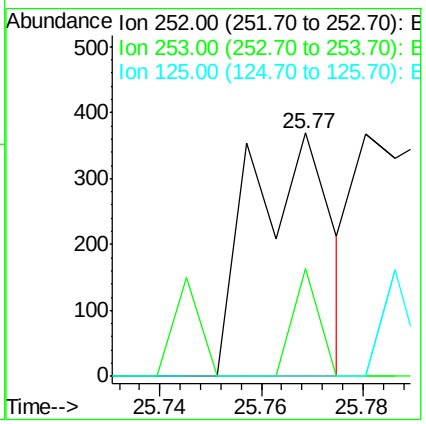
Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	23.2	18.2	27.4





#89
Benzo(a)pyrene
Concen: 0.02 ng
RT: 25.77 min Scan# 3724
Delta R.T. 0.15 min
Lab File: BG027721.D
Acq: 28 Jun 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 404

Ion	Ratio	Lower	Upper
252	100		
253	44.4	19.2	28.8#
125	0.0	5.4	8.0#