Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062817\
Data File : BG027719.D
Acq On : 28 Jun 2017 21:28
Operator : SJ/JU
Sample : PB100124BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 29 06:44:27 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	30957	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	141545	20.00	ng		0.00
38) Acenaphthene-d10	15.06	164	85821	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	253997	20.00	ng		0.00
75) Chrysene-d12	22.17	240	275013	20.00	ng		0.00
86) Perylene-d12	25.78	264	261841	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	310162	154.29	ng		0.00
7) Phenol-d6	7.62	99	433762	141.24	ng		0.00
23) Nitrobenzene-d5	9.64	82	244286	96.20	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	203209	172.63	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	597698	99.46	ng		0.00
78) Terphenyl-d14	20.39	244	1314207	112.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.07	88	53	0.07	ng	#	10
4) n-Nitrosodimethylamine	4.36	42	115	0.10	ng	#	7
6) Aniline	8.01	93	494	0.14	ng	#	1
9) Benzaldehyde	7.62	77	392	0.21	ng	#	10
11) bis(2-Chloroethyl)ether	8.01	93	494	0.21	ng	#	1
15) Benzyl Alcohol	8.80	79	3936	1.85	ng	#	64
24) Nitrobenzene	9.65	77	828	0.31	ng	#	49
45) 1,1'-Biphenyl	13.91	154	872	0.13	ng		80
51) Acenaphthene	15.06	154	207	0.03	ng	#	6
62) Azobenzene	16.54	77	1030	0.14	ng	#	1
65) n-Nitrosodiphenylamine	16.55	169	7806	0.94	ng	#	42
73) Di-n-butylphthalate	18.74	149	119	0.01	ng	#	73
77) Pyrene	20.39	202	4512	0.26	ng	#	61
79) Butylbenzylphthalate	21.07	149	63	0.01	ng	#	19
80) Benzo(a)anthracene	22.18	228	750	0.05	ng	#	47
82) Chrysene	22.18	228	750	0.05	ng	#	46
83) Bis(2-ethylhexyl)phthalate	22.00	149	822	0.07	ng	#	51
84) Di-n-octyl phthalate	23.34	149	118	0.01	ng	#	1
89) Benzo(a)pyrene	25.78	252	672	0.04	ng	#	58

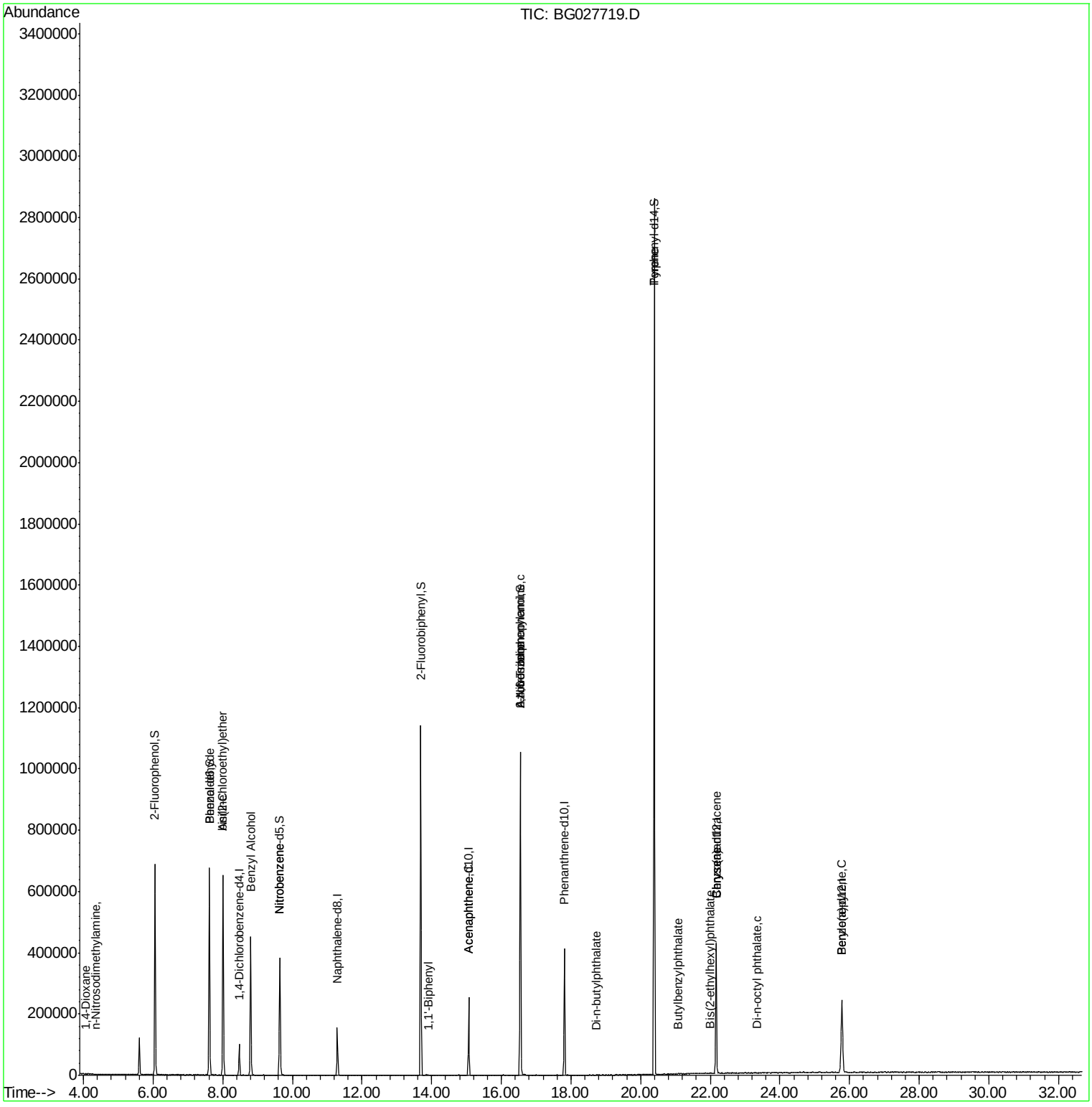
(#) = qualifier out of range (m) = manual integration (+) = signals summed

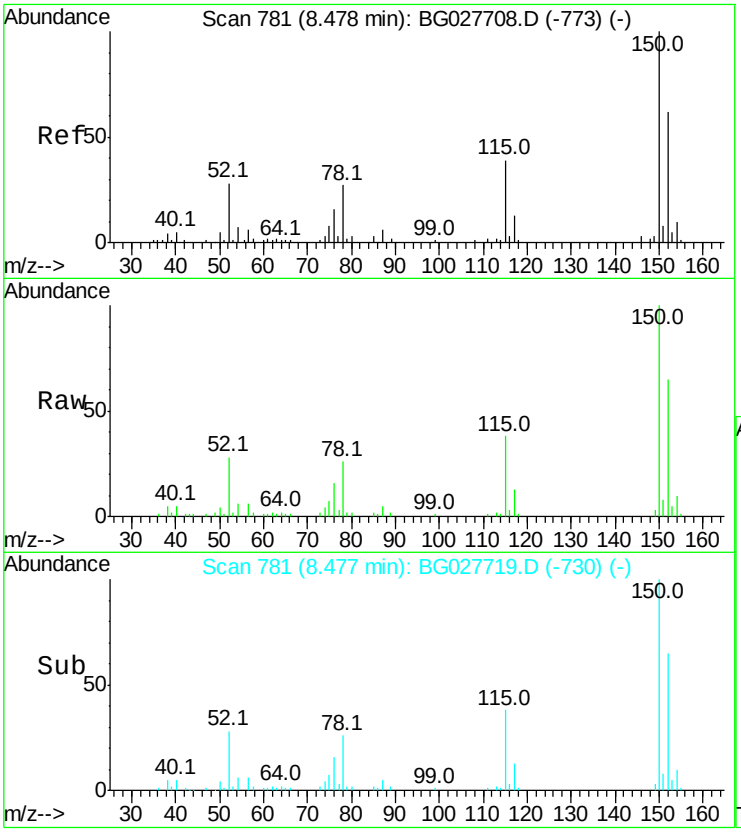
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062817\
Data File : BG027719.D
Acq On : 28 Jun 2017 21:28
Operator : SJ/JU
Sample : PB100124BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 29 06:44:27 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



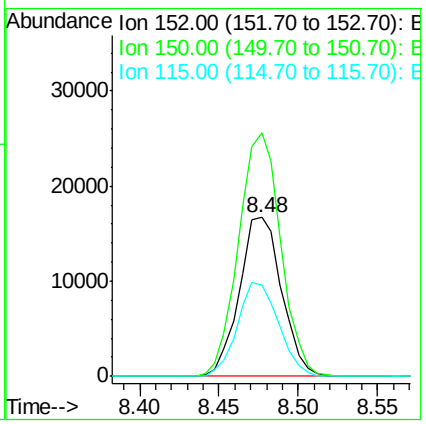


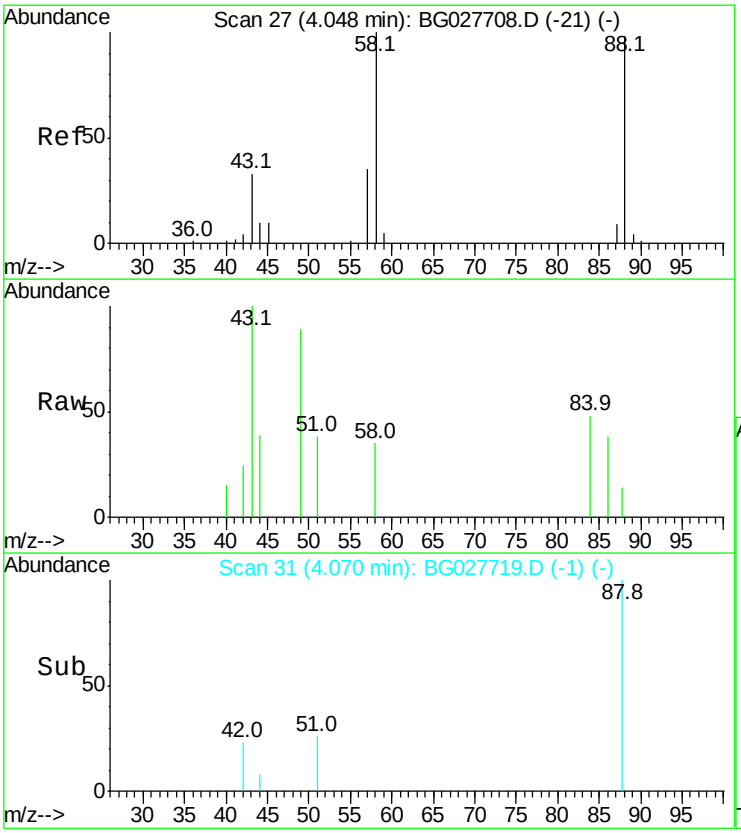
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30957

Ion	Ratio	Lower	Upper
152	100		
150	153.4	114.0	171.0
115	57.7	48.1	72.1

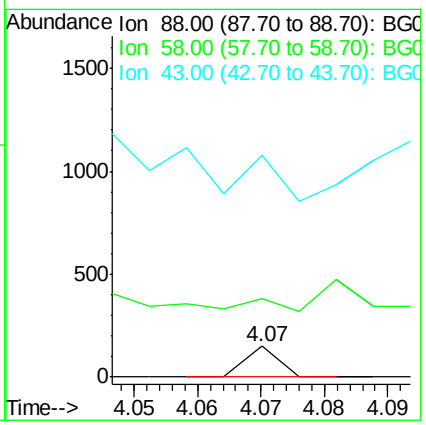


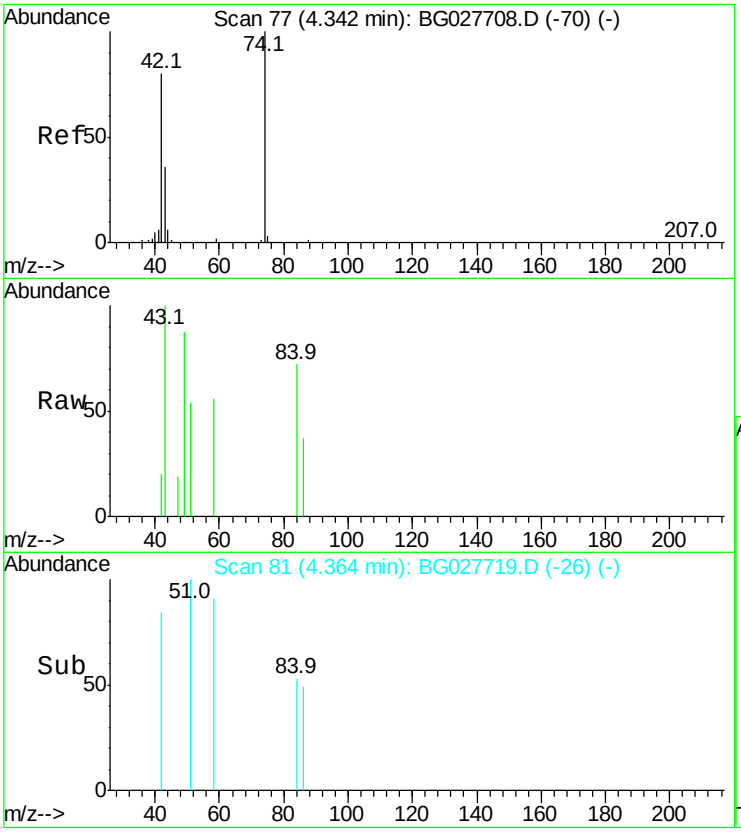


#2
1,4-Dioxane
Concen: 0.07 ng
RT: 4.07 min Scan# 31
Delta R.T. 0.02 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Tgt Ion: 88 Resp: 53

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



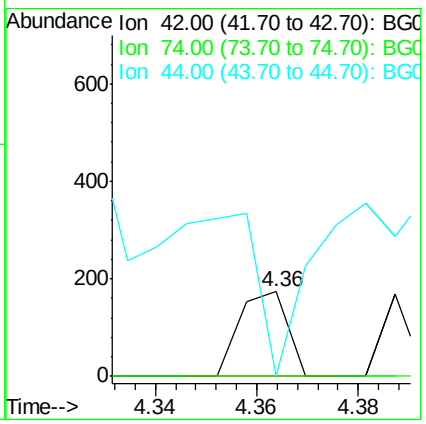


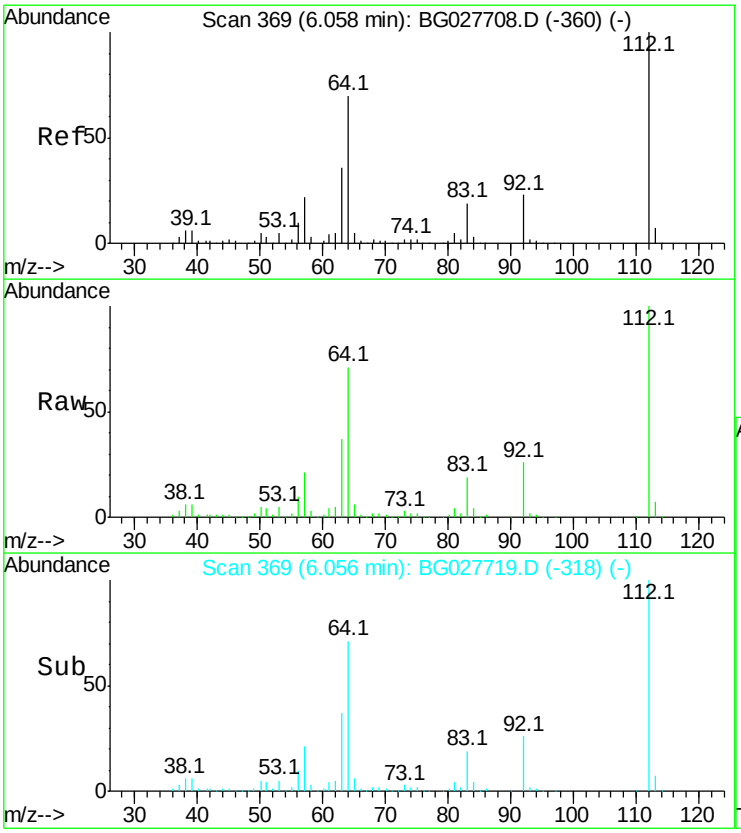
#4
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 4.36 min Scan# 81
Delta R.T. 0.02 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 115

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

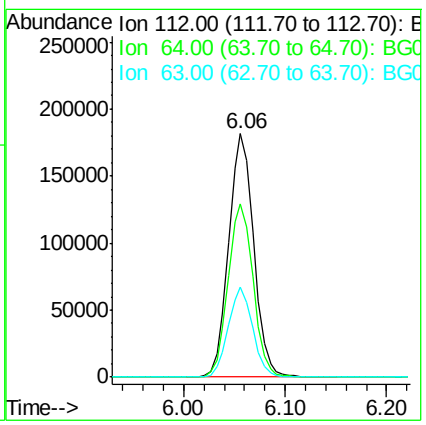


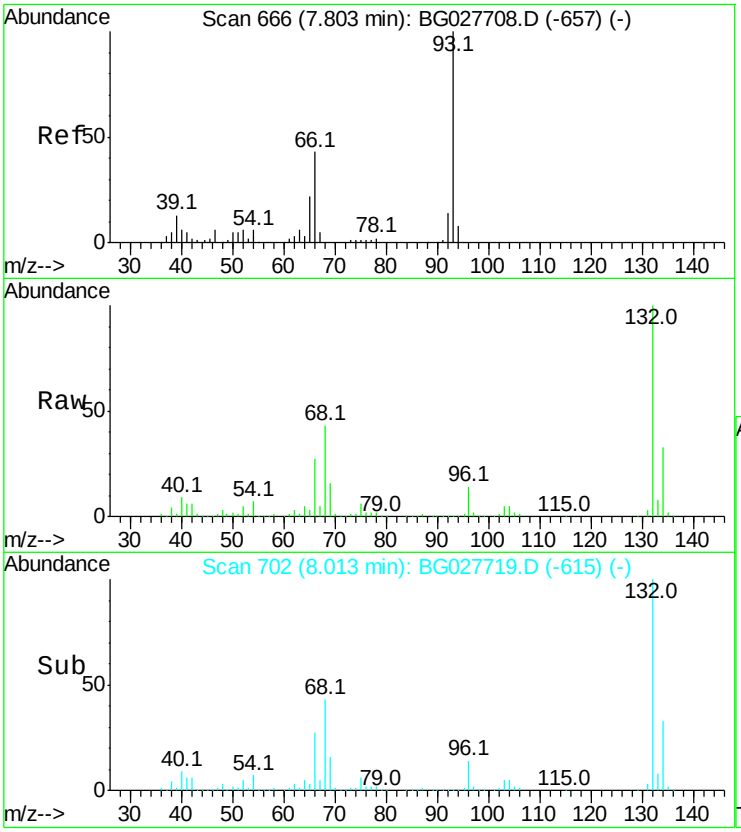


#5
2-Fluorophenol
Concen: 154.29 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Tgt Ion:112 Resp: 310162

Ion	Ratio	Lower	Upper
112	100		
64	71.0	61.8	92.6
63	36.8	37.2	55.8#



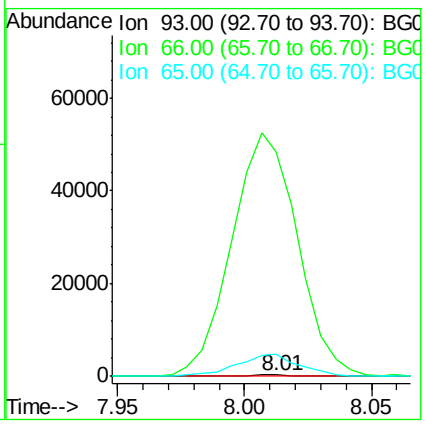


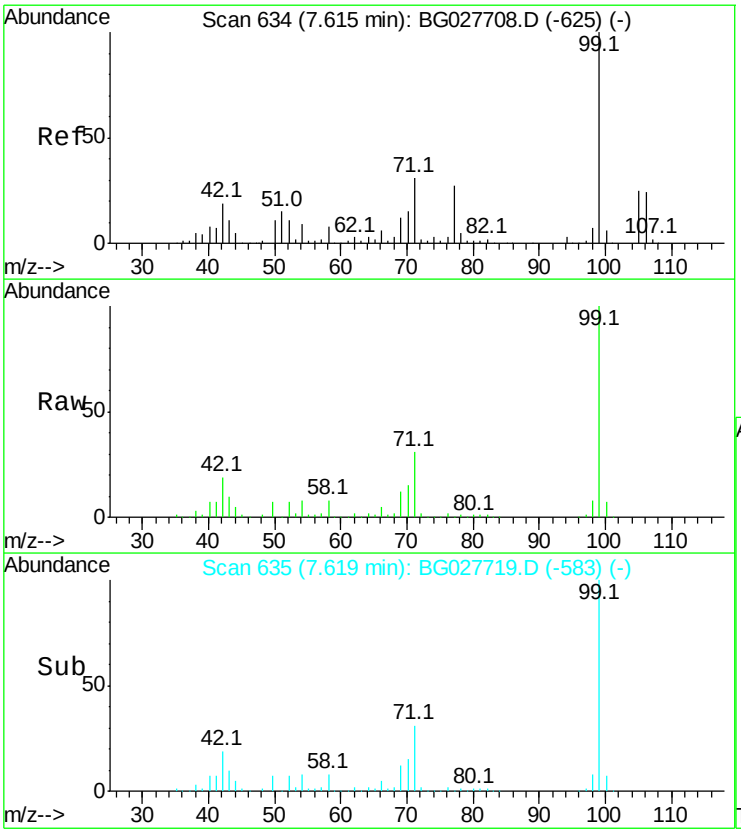
#6
Aniline
Concen: 0.14 ng
RT: 8.01 min Scan# 702
Delta R.T. 0.21 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 494

Ion	Ratio	Lower	Upper
93	100		
66	14286.4	35.4	53.2#
65	1375.4	21.2	31.8#

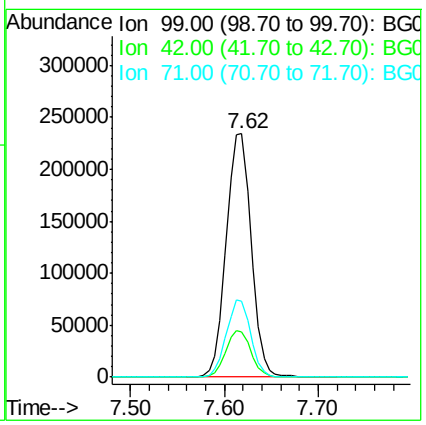


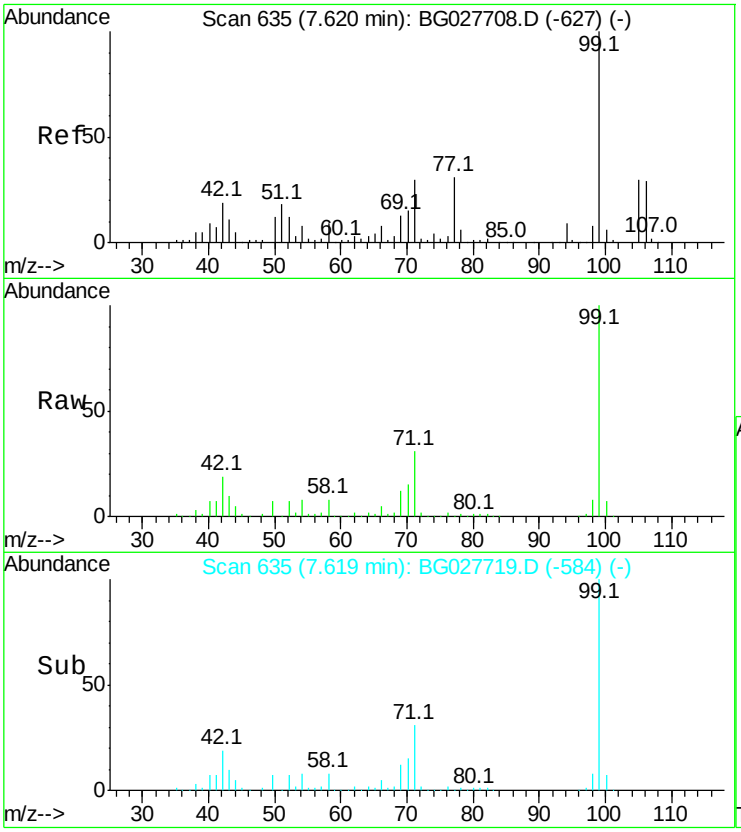


#7
Phenol-d6
Concen: 141.24 ng
RT: 7.62 min Scan# 635
Delta R.T. 0.00 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Tgt Ion: 99 Resp: 433762

Ion	Ratio	Lower	Upper
99	100		
42	18.6	20.5	30.7#
71	31.2	37.6	56.4#



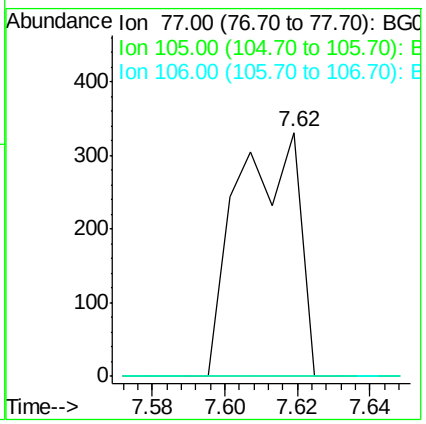


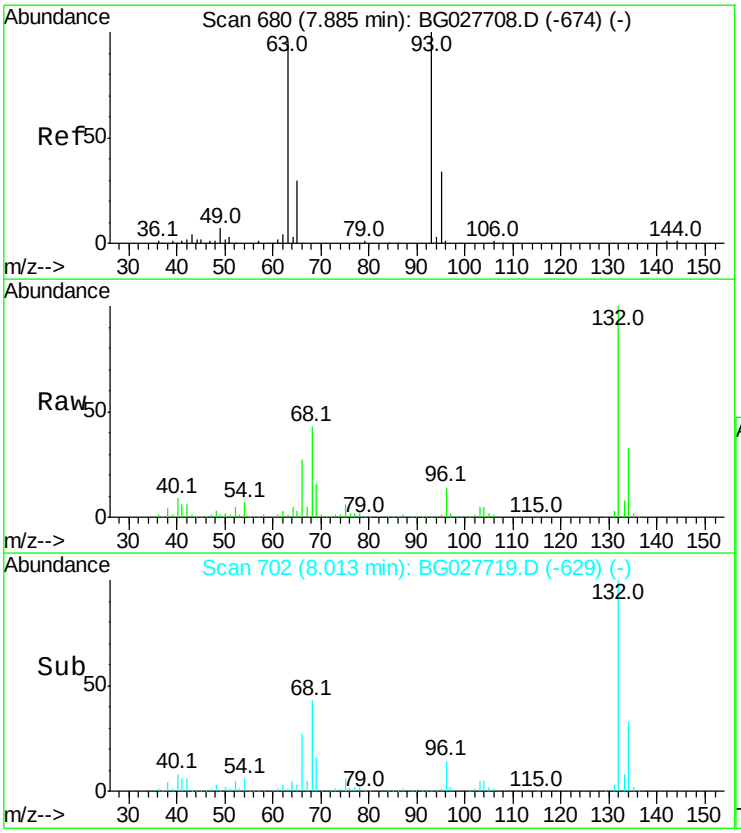
#9
Benzaldehyde
Concen: 0.21 ng
RT: 7.62 min Scan# 635
Delta R.T. -0.00 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 392

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

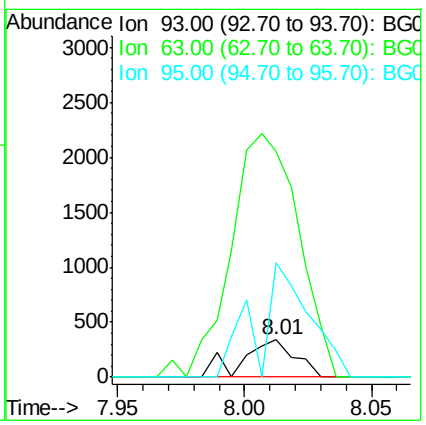


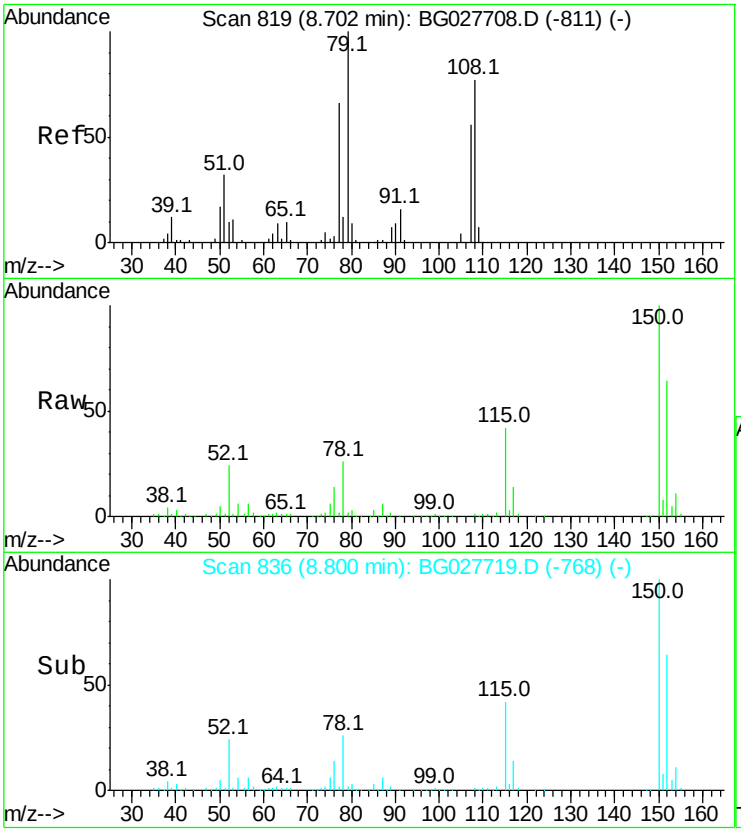


#11
bis(2-Chloroethyl)ether
Concen: 0.21 ng
RT: 8.01 min Scan# 702
Delta R.T. 0.13 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Tgt Ion: 93 Resp: 494

Ion	Ratio	Lower	Upper
93	100		
63	606.8	78.5	118.5#
95	309.5	9.8	49.8#



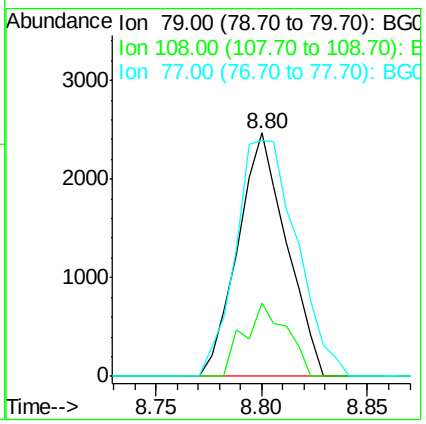


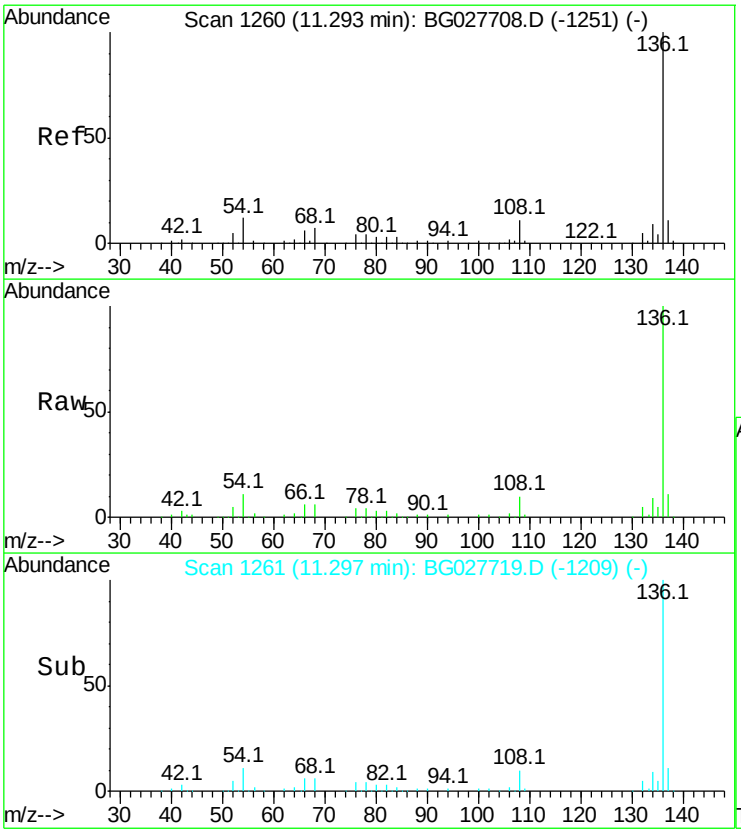
#15
Benzyl Alcohol
Concen: 1.85 ng
RT: 8.80 min Scan# 836
Delta R.T. 0.10 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 3936

Ion	Ratio	Lower	Upper
79	100		
108	30.3	45.5	68.3#
77	97.0	54.3	81.5#

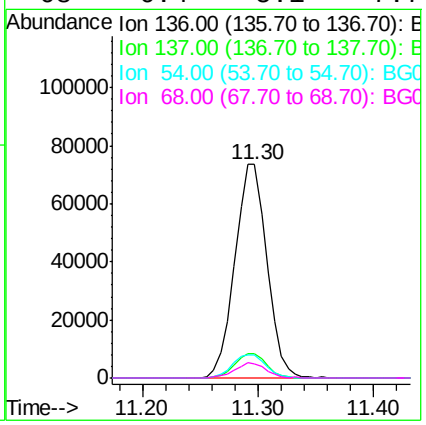


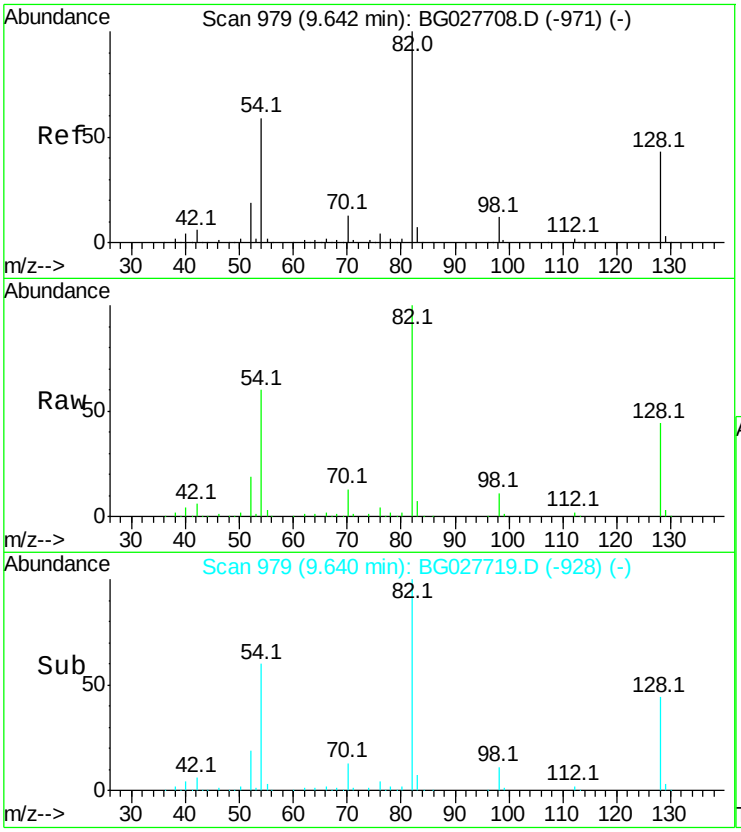


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Tgt Ion:136 Resp: 141545

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	11.0	9.3	13.9
68	6.4	5.1	7.7



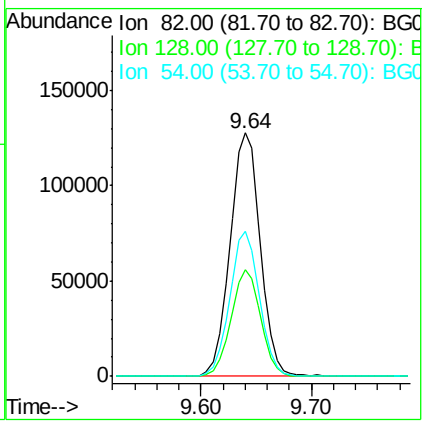


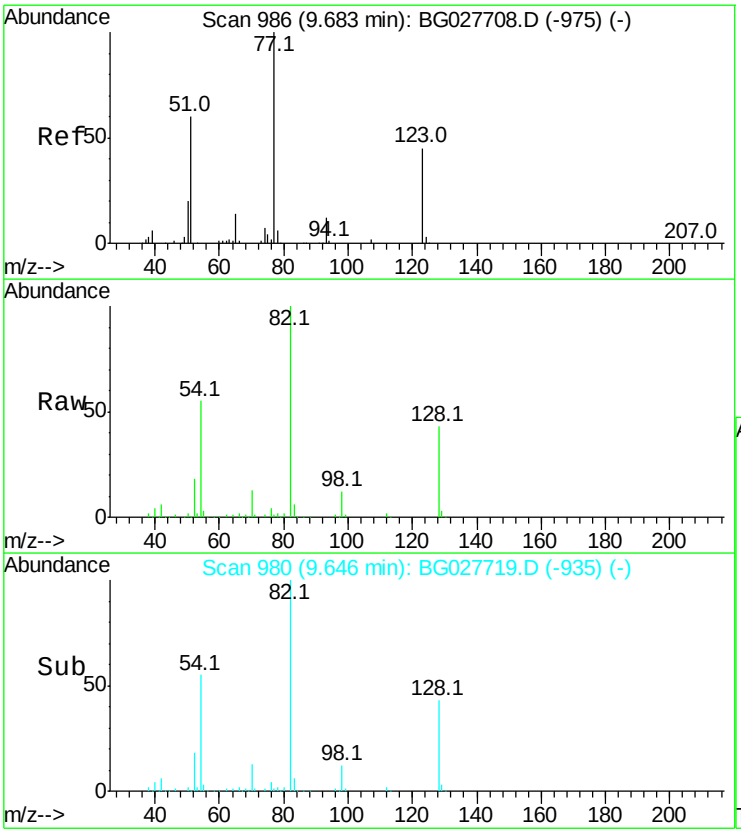
#23
Nitrobenzene-d5
Concen: 96.20 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 244286

Ion	Ratio	Lower	Upper
82	100		
128	43.7	26.4	39.6#
54	59.5	49.4	74.2

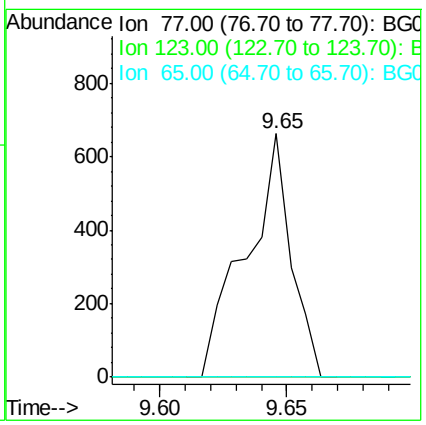


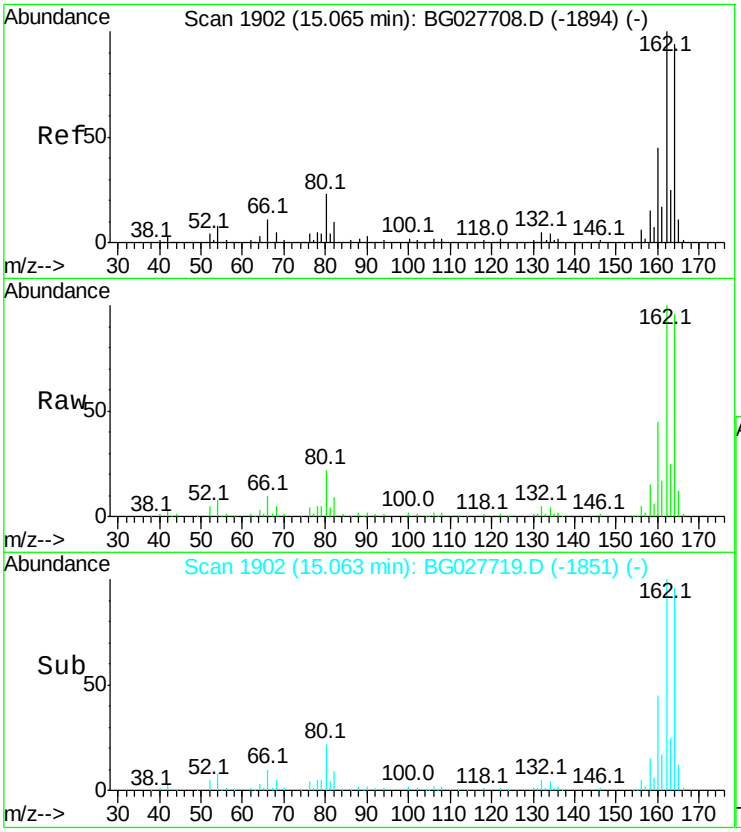


#24
Nitrobenzene
Concen: 0.31 ng
RT: 9.65 min Scan# 980
Delta R.T. -0.04 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Tgt Ion: 77 Resp: 828

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



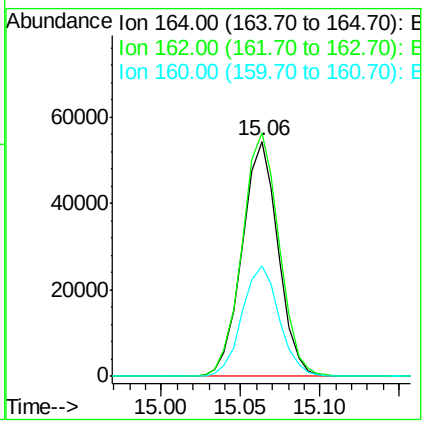


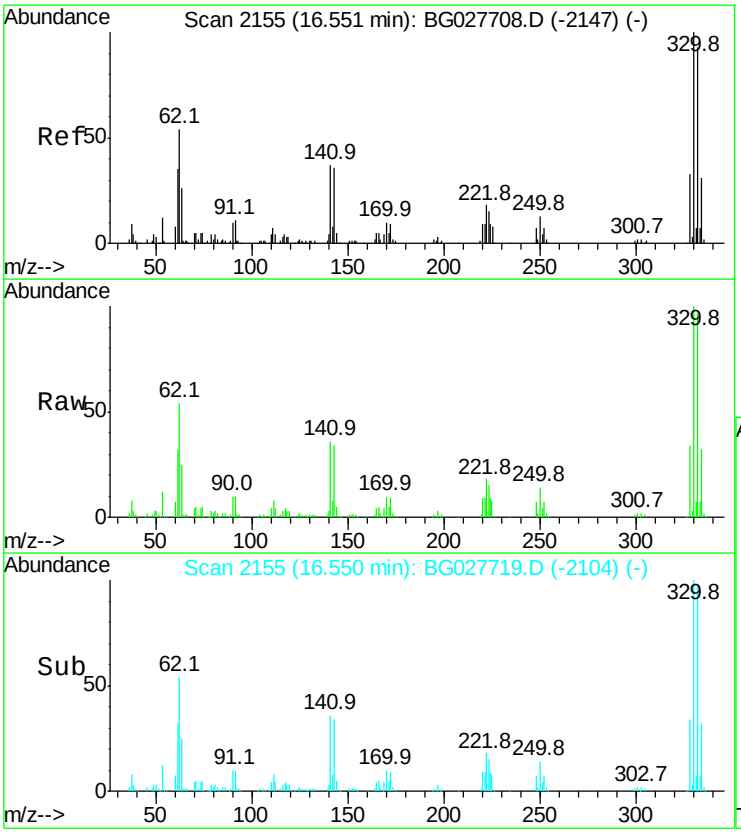
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 85821

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.1	127.7
160	47.2	34.7	52.1

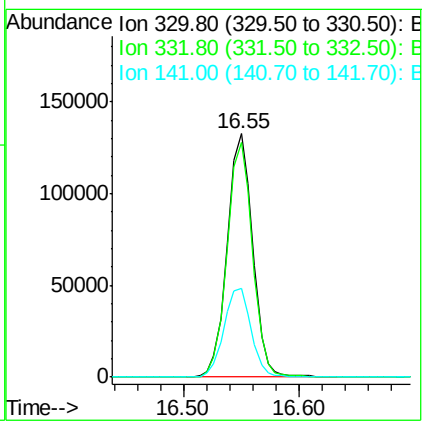


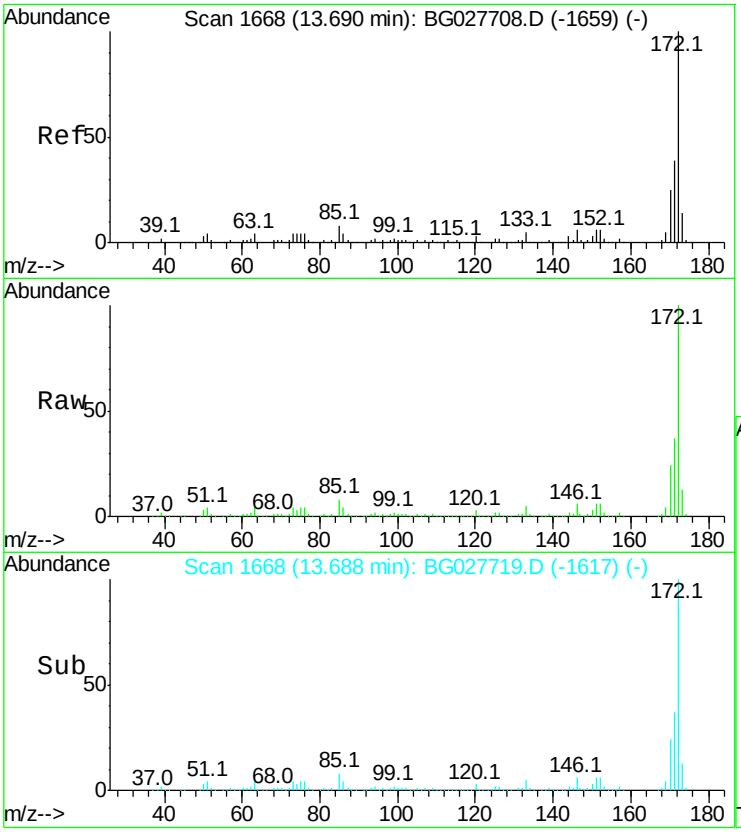


#41
2,4,6-Tribromophenol
Concen: 172.63 ng
RT: 16.55 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Tgt Ion:330 Resp: 203209

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	38.8	32.1	48.1



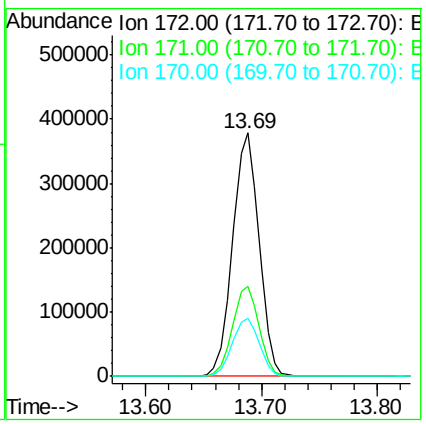


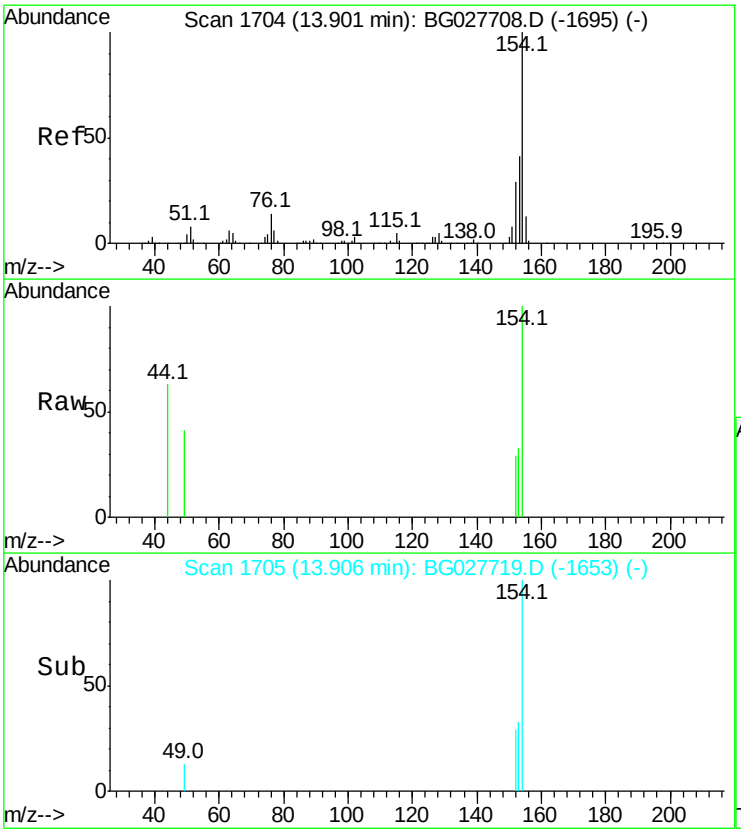
#44
2-Fluorobiphenyl
Concen: 99.46 ng
RT: 13.69 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 597698

Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	23.8	21.8	32.6

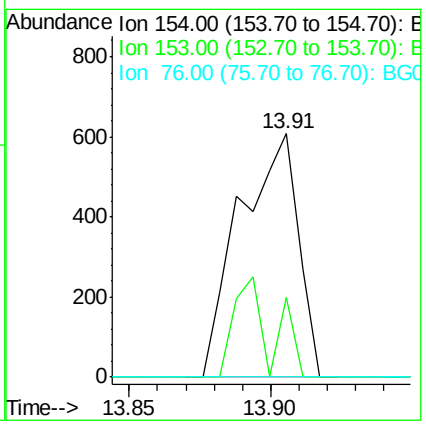


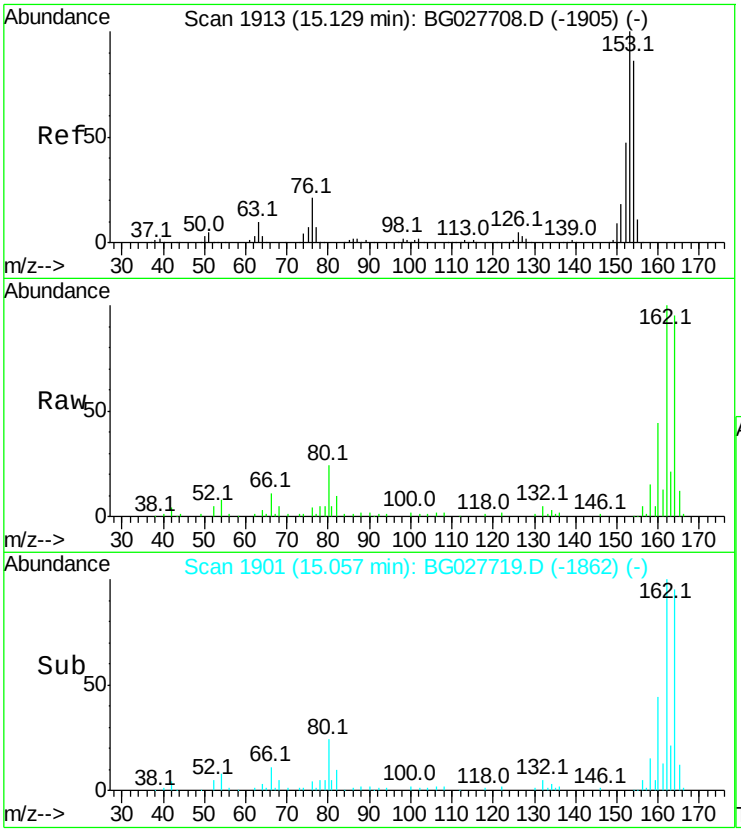


#45
1,1'-Biphenyl
Concen: 0.13 ng
RT: 13.91 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Tgt Ion:154 Resp: 872

Ion	Ratio	Lower	Upper
154	100		
153	32.9	23.0	63.0
76	0.0	0.0	33.5



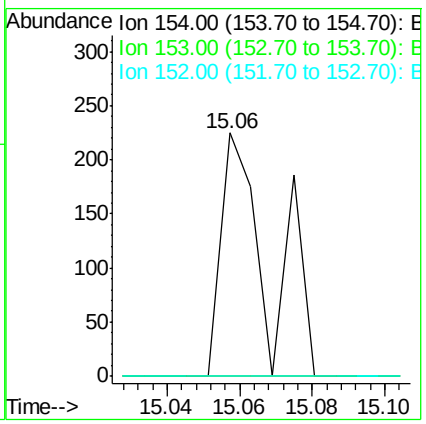


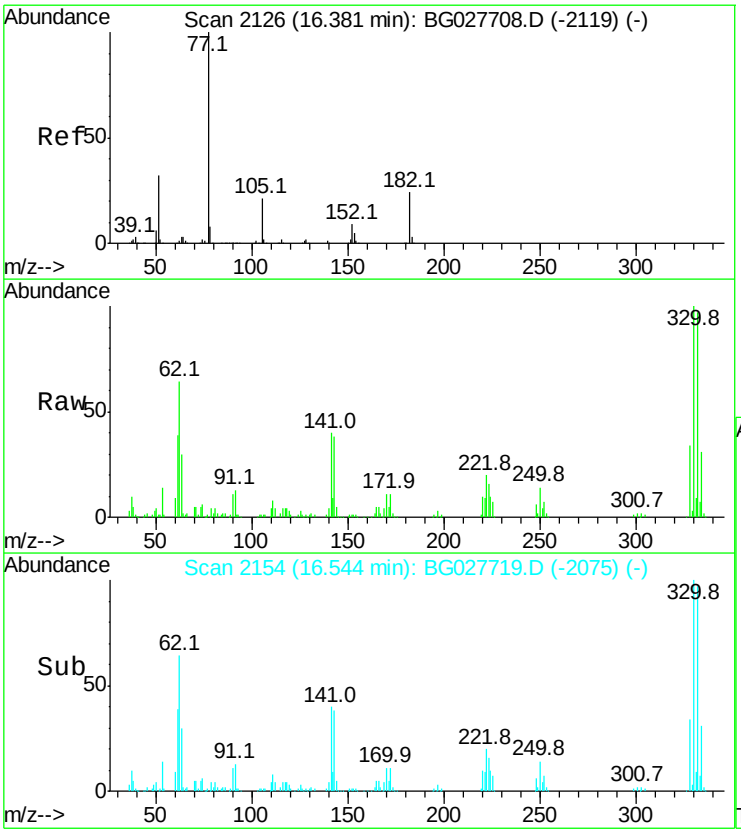
#51
Acenaphthene
Concen: 0.03 ng
RT: 15.06 min Scan# 1901
Delta R.T. -0.07 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 207

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

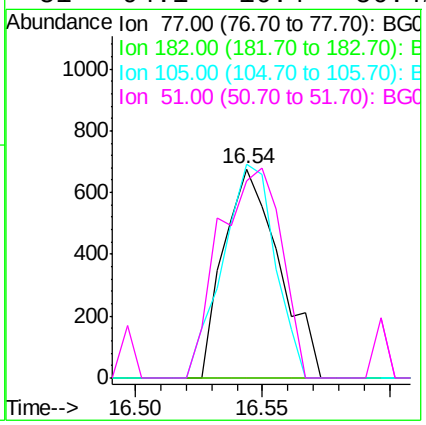


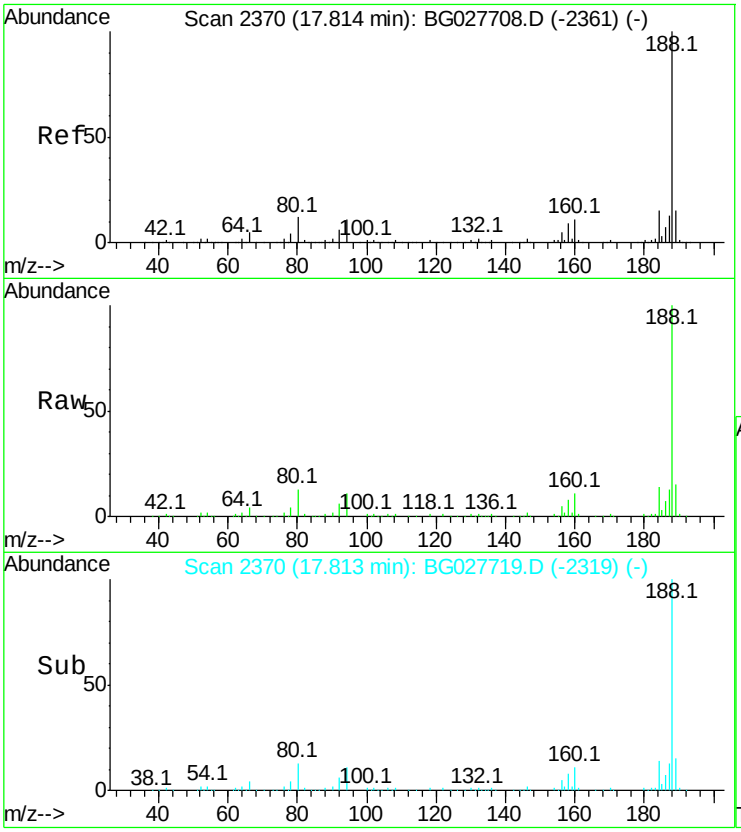


#62
Azobenzene
Concen: 0.14 ng
RT: 16.54 min Scan# 2154
Delta R.T. 0.16 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Tgt Ion: 77 Resp: 1030

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.7	44.7#
105	102.2	0.0	36.3#
51	94.1	16.4	56.4#



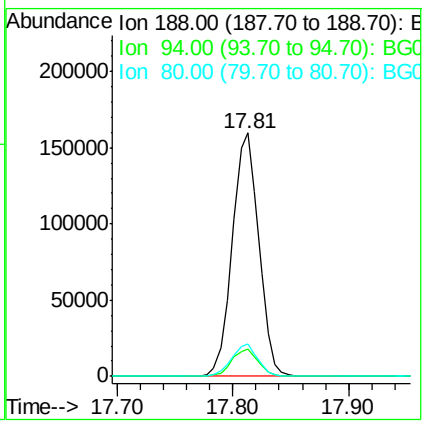


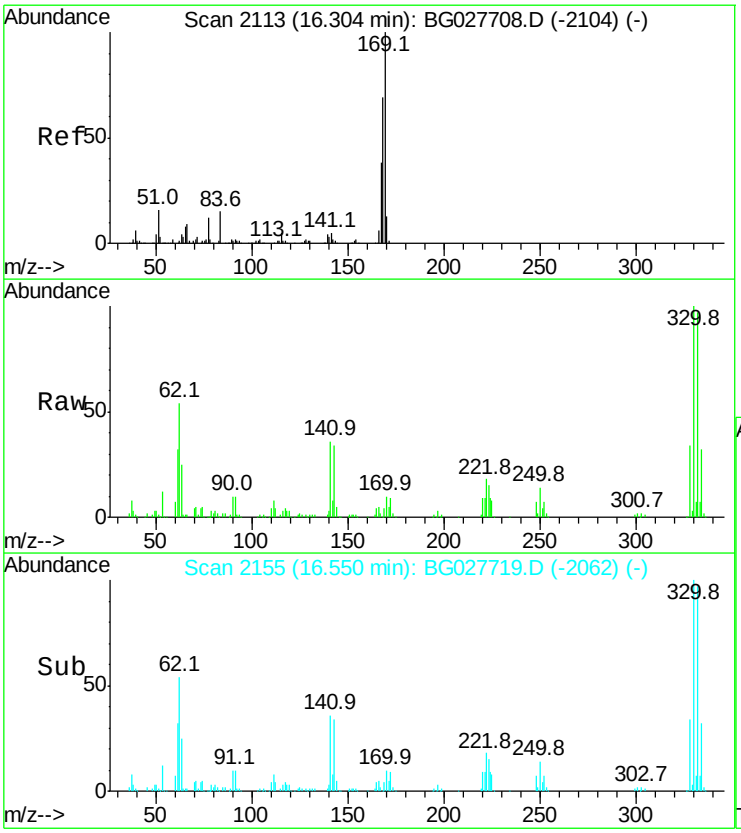
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 253997

Ion	Ratio	Lower	Upper
188	100		
94	11.0	5.8	8.8#
80	13.2	7.5	11.3#

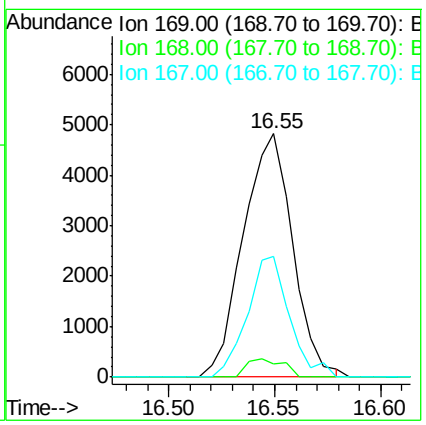


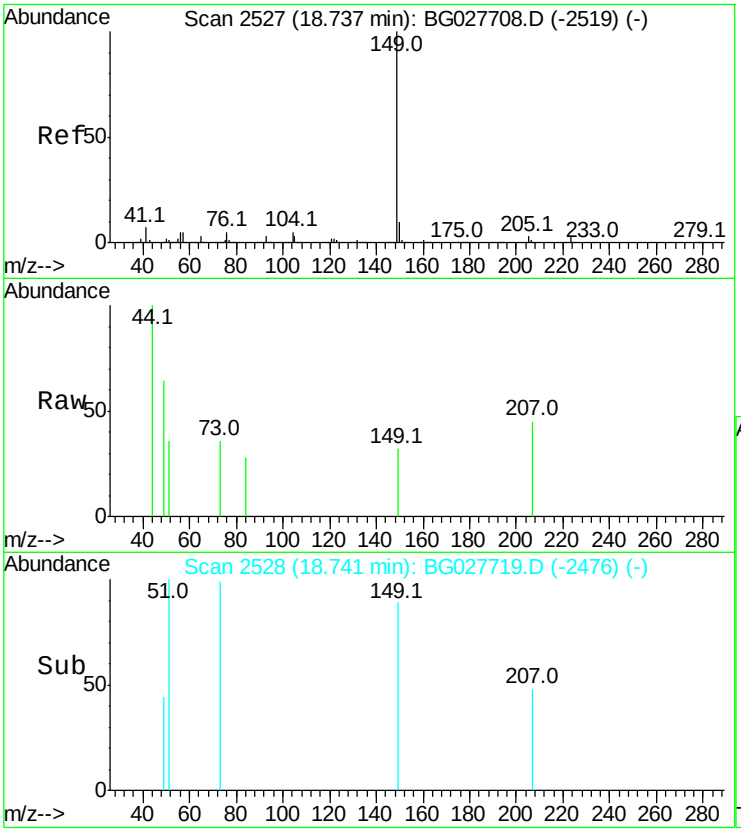


#65
n-Nitrosodiphenylamine
Concen: 0.94 ng
RT: 16.55 min Scan# 2155
Delta R.T. 0.25 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Tgt Ion:169 Resp: 7806

Ion	Ratio	Lower	Upper
169	100		
168	5.4	55.7	83.5#
167	49.4	29.8	44.6#



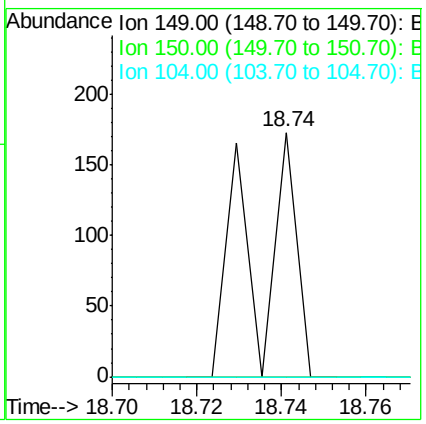


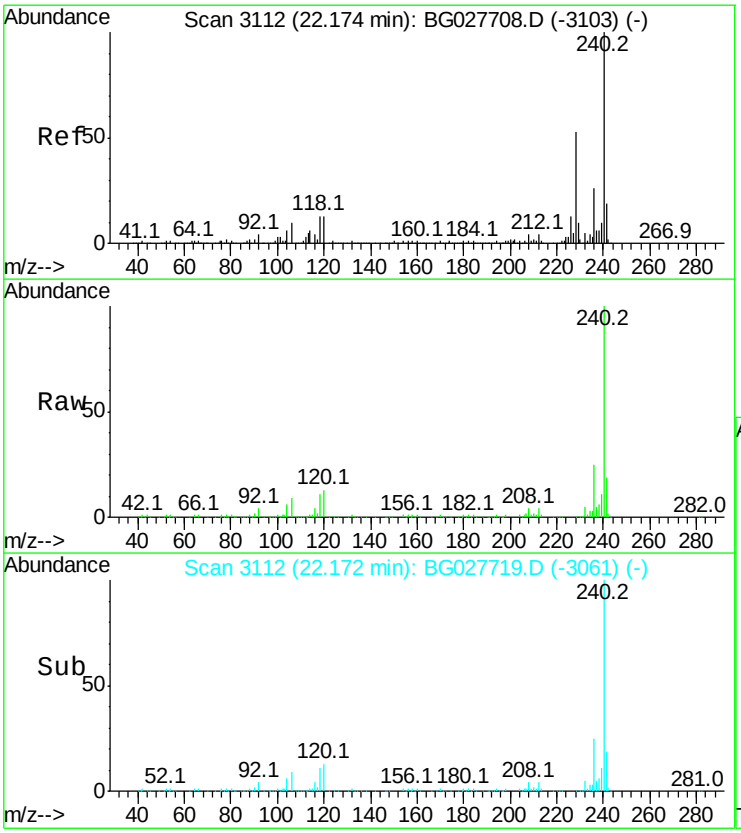
#73
Di-n-butylphthalate
Concen: 0.01 ng
RT: 18.74 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 119

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

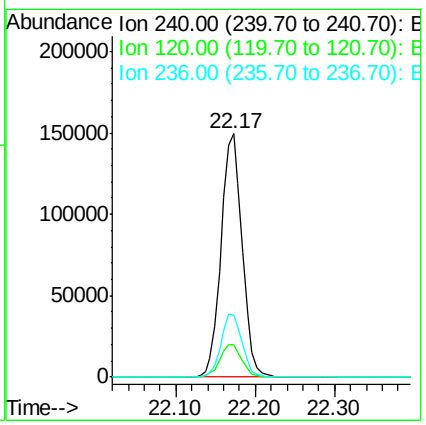


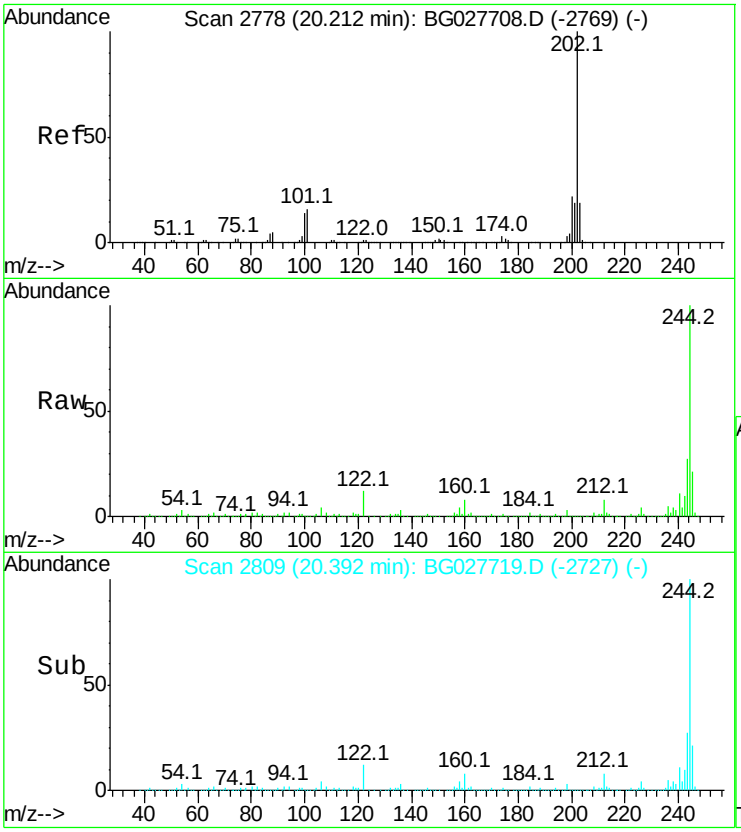


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Tgt Ion:240 Resp: 275013

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.7	8.5#
236	25.5	22.2	33.4



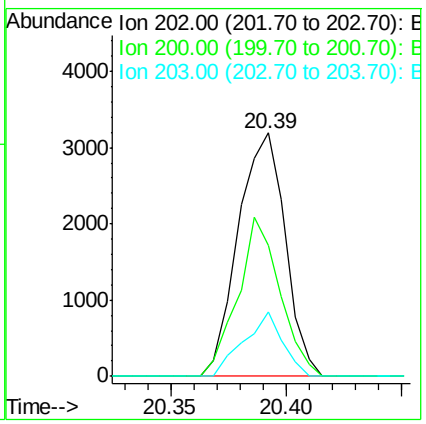


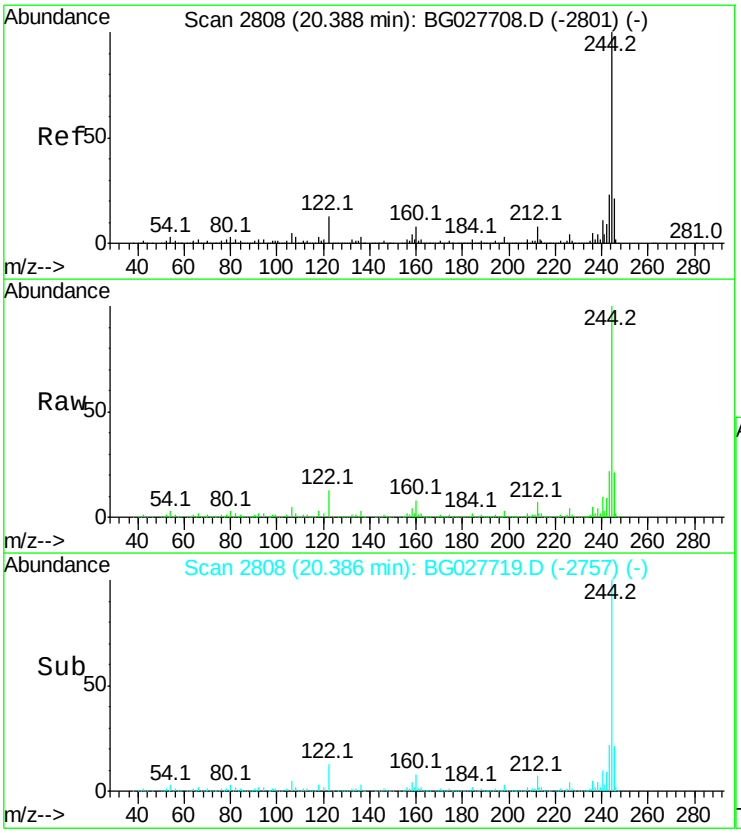
#77
Pyrene
Concen: 0.26 ng
RT: 20.39 min Scan# 2809
Delta R.T. 0.18 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 4512

Ion	Ratio	Lower	Upper
202	100		
200	53.8	19.6	29.4#
203	26.4	15.8	23.8#

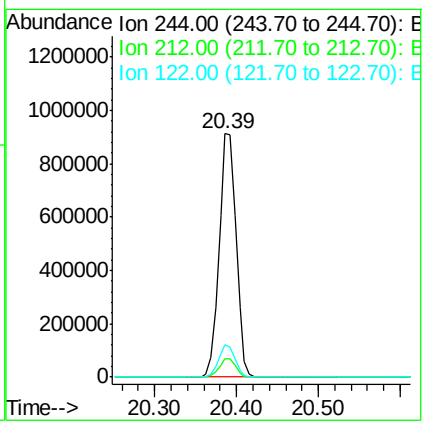


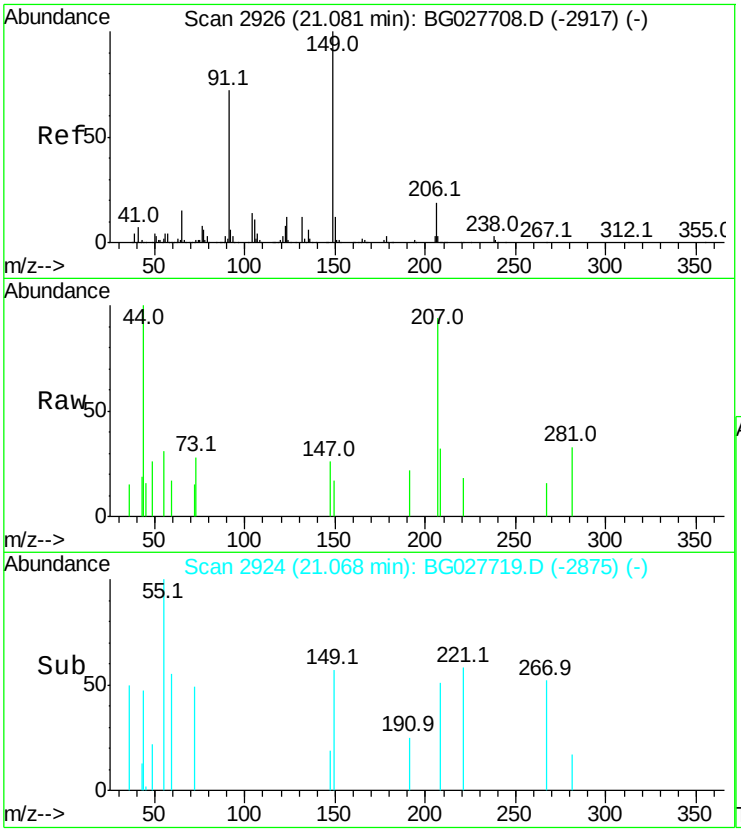


#78
Terphenyl-d14
Concen: 112.03 ng
RT: 20.39 min Scan# 2808
Delta R.T. -0.00 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Tgt Ion:244 Resp: 1314207

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	13.4	8.6	12.8#



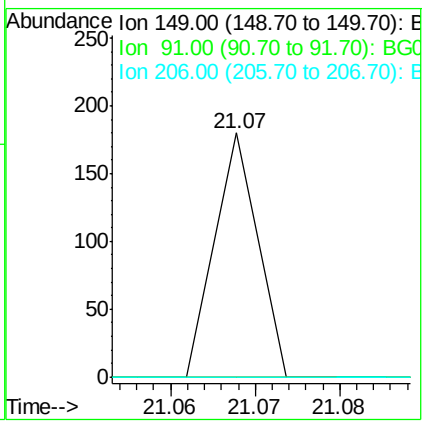


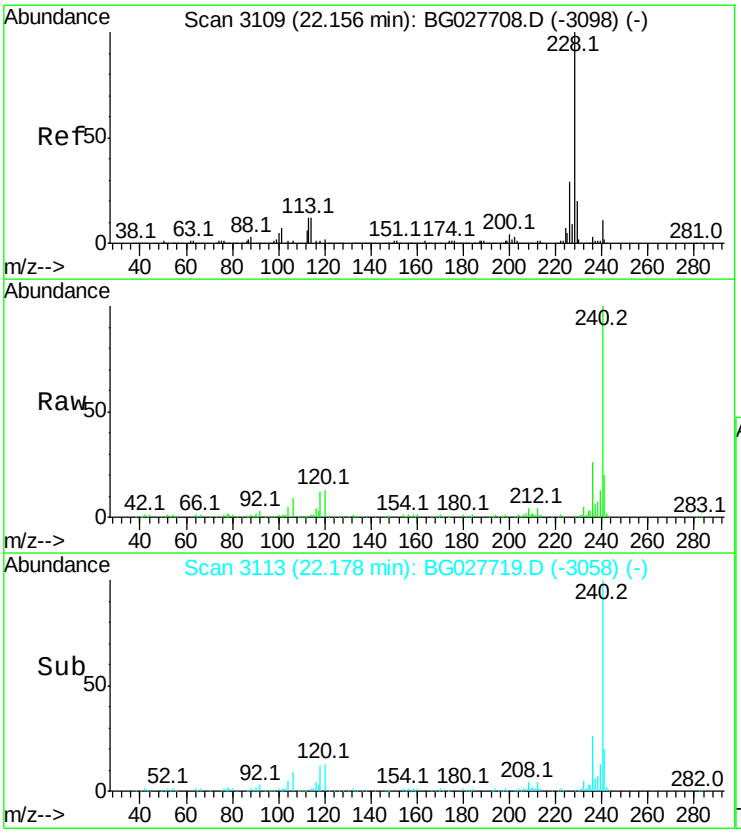
#79
Butylbenzylphthalate
Concen: 0.01 ng
RT: 21.07 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 63

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

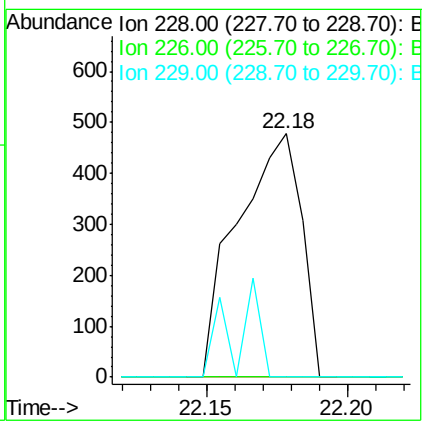


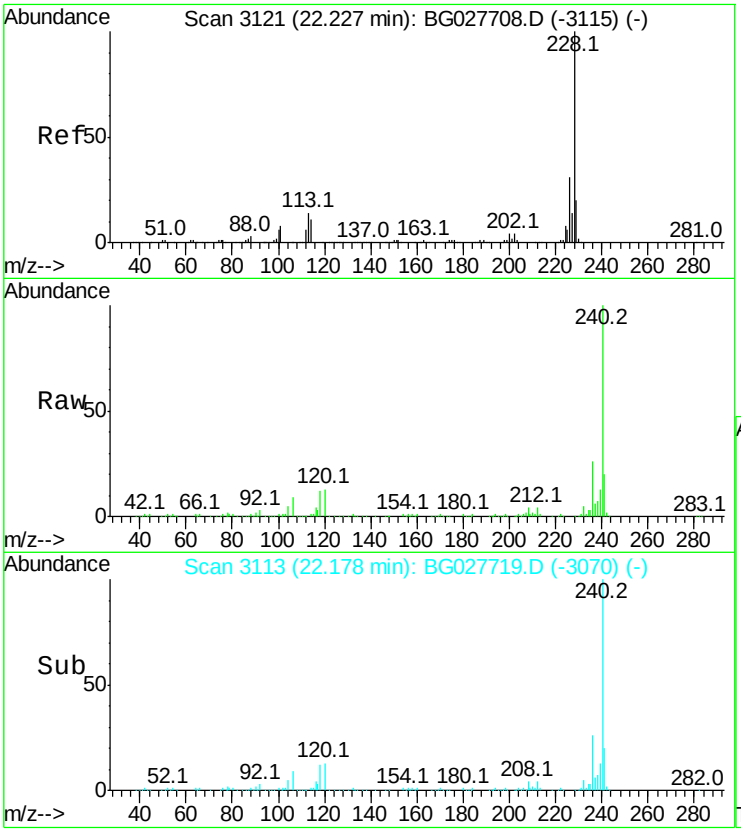


#80
Benzo(a)anthracene
Concen: 0.05 ng
RT: 22.18 min Scan# 3113
Delta R.T. 0.02 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Tgt Ion:228 Resp: 750

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



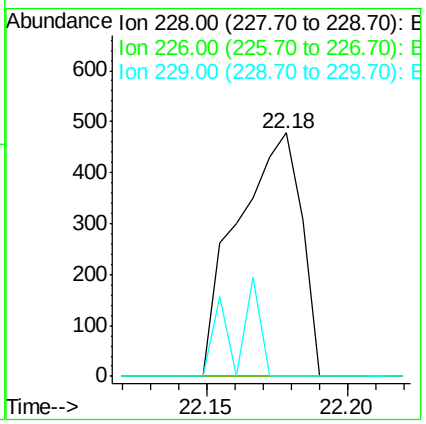


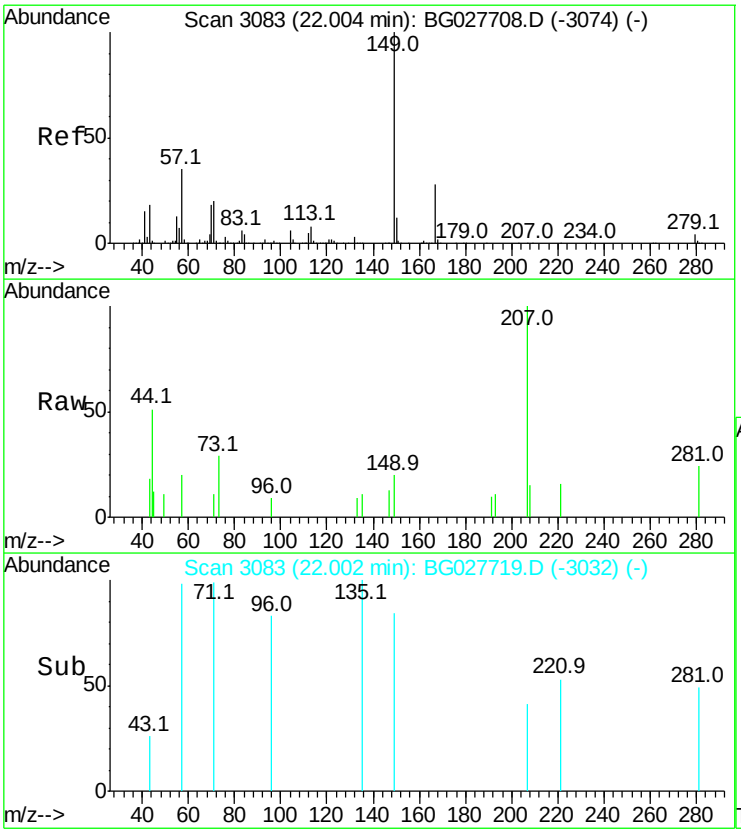
#82
Chrysene
Concen: 0.05 ng
RT: 22.18 min Scan# 3113
Delta R.T. -0.05 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 750

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

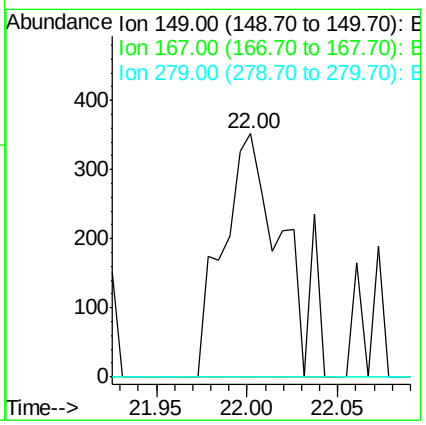


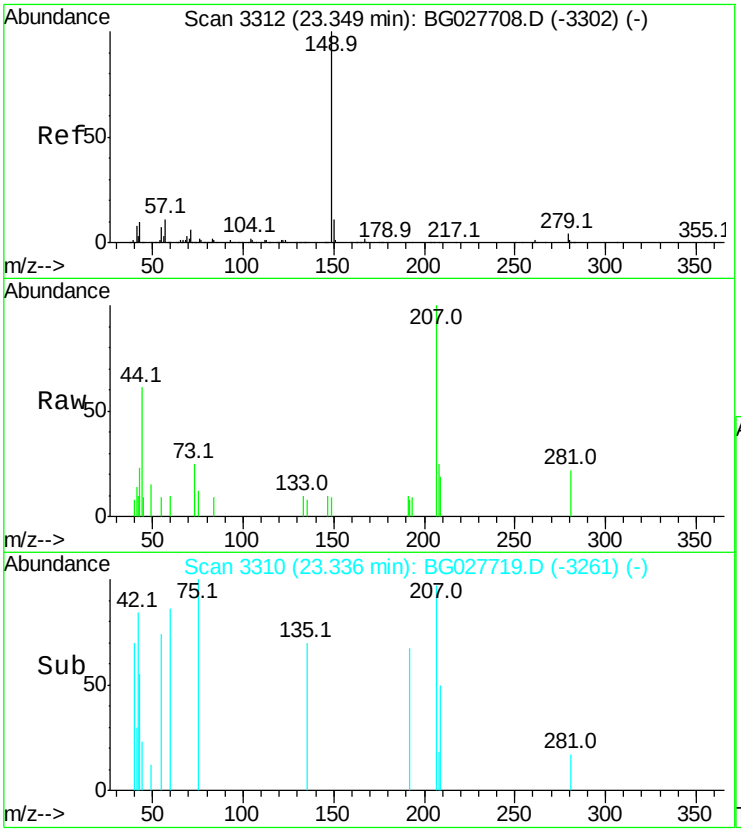


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 22.00 min Scan# 3083
Delta R.T. -0.00 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Tgt Ion:149 Resp: 822

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



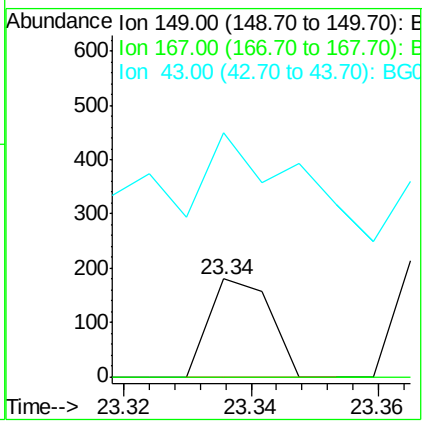


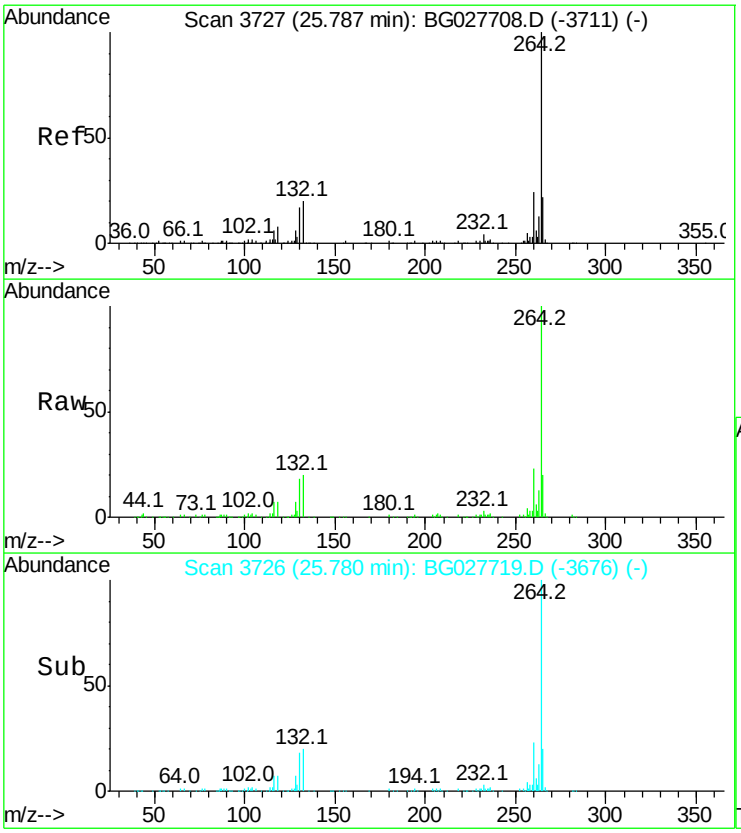
#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 23.34 min Scan# 3310
Delta R.T. -0.01 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 118

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.2#
43	155.9	11.8	17.6#

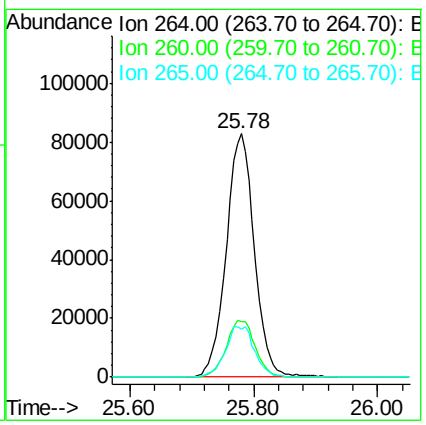


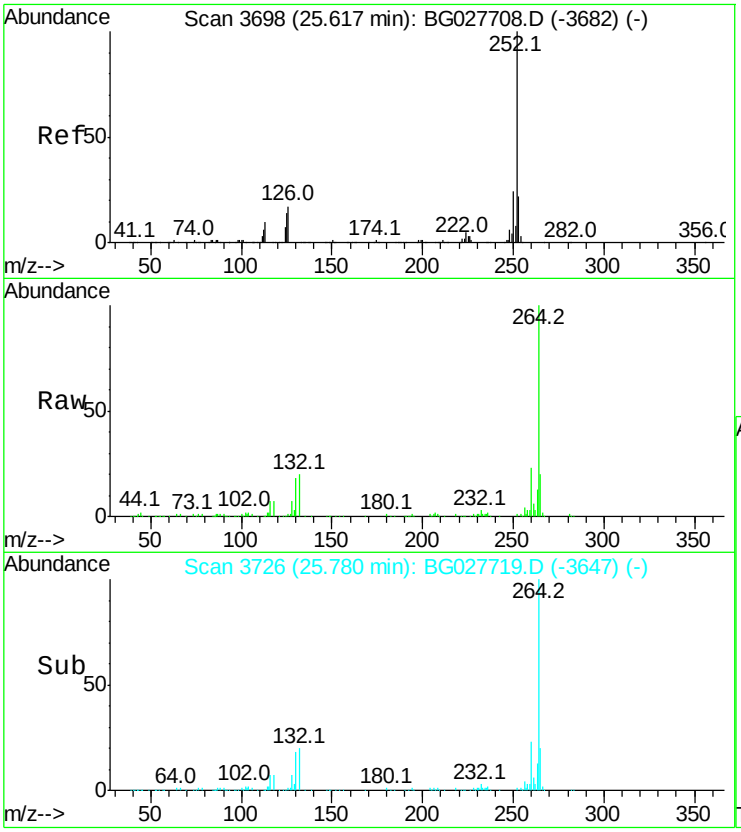


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.78 min Scan# 3726
Delta R.T. -0.01 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Tgt Ion:264 Resp: 261841

Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	19.8	18.2	27.4





#89
Benzo(a)pyrene
Concen: 0.04 ng
RT: 25.78 min Scan# 3726
Delta R.T. 0.16 min
Lab File: BG027719.D
Acq: 28 Jun 2017 21:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 672

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