Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
Data File : BG027571.D
Acq On : 21 Jun 2017 22:05
Operator : SJ/JU
Sample : PB99899BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 22 02:29:20 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	21785	20.00	ng		0.00
21) Naphthalene-d8	11.33	136	103274	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	62438	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	191663	20.00	ng		0.00
75) Chrysene-d12	22.21	240	217533	20.00	ng		0.00
86) Perylene-d12	25.84	264	207042	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	230918	150.86	ng		0.00
7) Phenol-d6	7.64	99	319056	140.80	ng		0.00
23) Nitrobenzene-d5	9.67	82	199016	91.19	ng		0.00
41) 2,4,6-Tribromophenol	16.58	330	149439	160.54	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	420625	92.02	ng		0.00
78) Terphenyl-d14	20.41	244	982115	106.37	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	4.36	42	65	0.07	ng	#	7
6) Aniline	8.03	93	138	0.05	ng	#	1
9) Benzaldehyde	7.65	77	541	0.35	ng	#	10
11) bis(2-Chloroethyl)ether	8.03	93	138	0.08	ng	#	1
15) Benzyl Alcohol	8.83	79	3783	2.09	ng	#	43
16) 2,2'-oxybis(1-Chloropropan	9.14	45	65	0.02	ng		74
24) Nitrobenzene	9.67	77	687	0.29	ng	#	48
45) 1,1'-Biphenyl	13.93	154	543	0.10	ng		89
51) Acenaphthene	15.10	154	60	0.01	ng	#	6
62) Azobenzene	16.58	77	1060	0.17	ng	#	21
65) n-Nitrosodiphenylamine	16.58	169	5981	1.02	ng	#	46
73) Di-n-butylphthalate	18.76	149	173	0.01	ng	#	73
76) Benzidine	20.08	184	115	0.02	ng	#	64
77) Pyrene	20.41	202	3885	0.29	ng	#	64
80) Benzo(a)anthracene	22.21	228	653	0.05	ng	#	47
82) Chrysene	22.21	228	653	0.05	ng	#	46
83) Bis(2-ethylhexyl)phthalate	22.04	149	231	0.03	ng	#	51
84) Di-n-octyl phthalate	23.37	149	65	0.00	ng	#	1
89) Benzo(a)pyrene	25.84	252	673	0.05	ng	#	58

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
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Acq On : 21 Jun 2017 22:05
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Misc :
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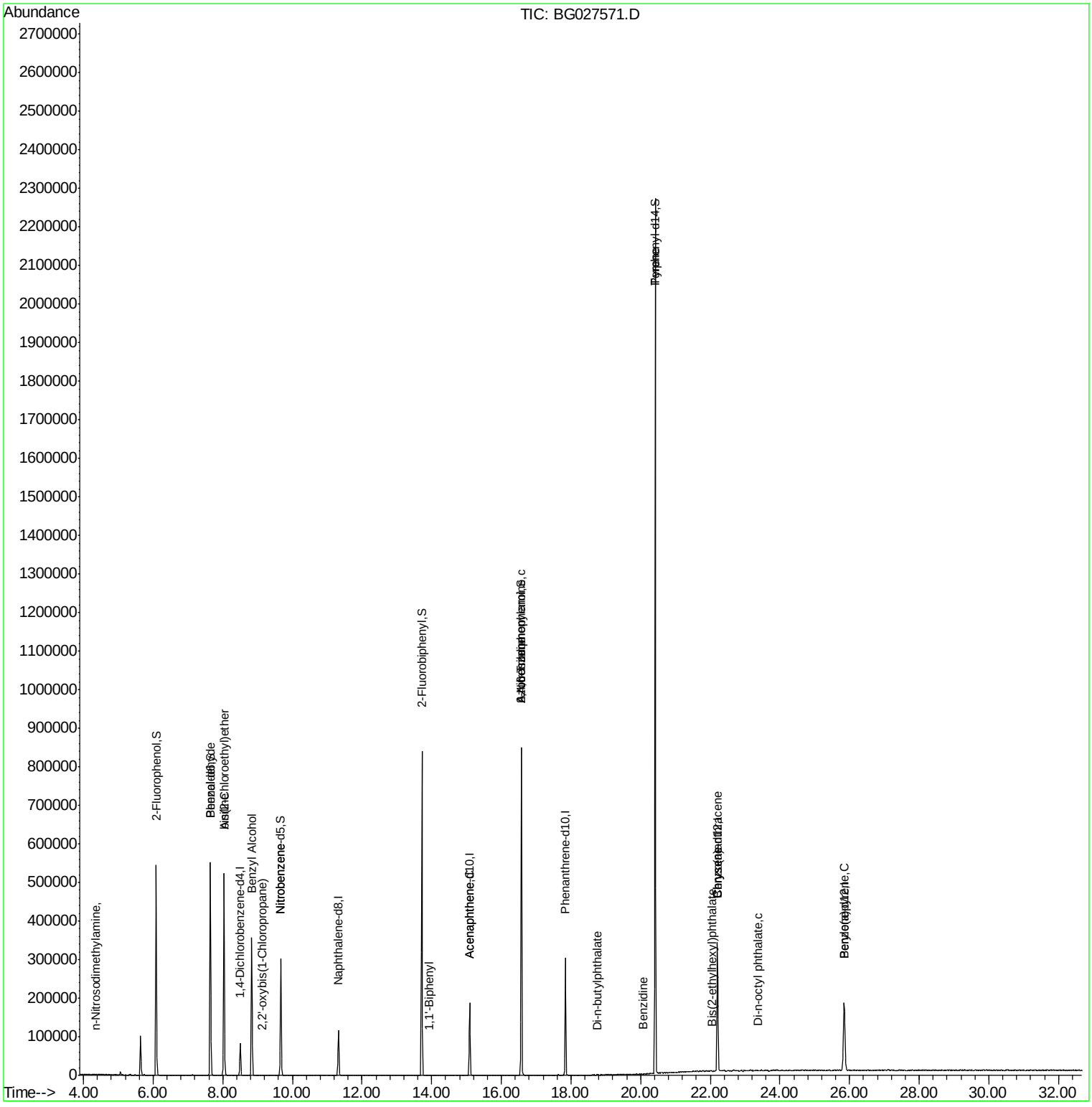
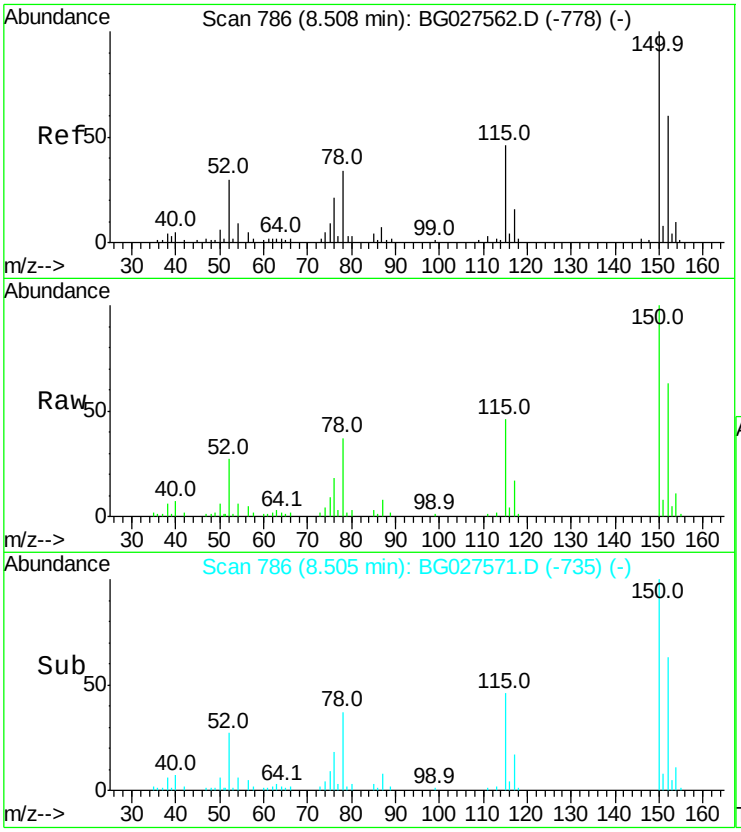
ClientSampleId :

Quant Time: Jun 22 02:29:20 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration



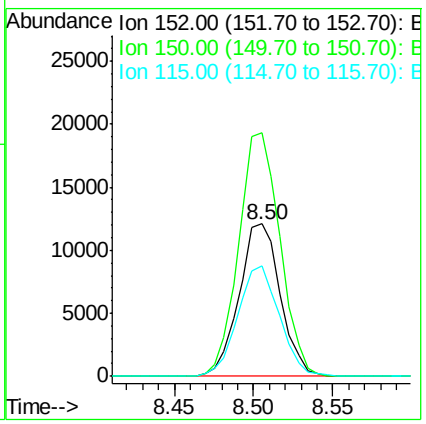


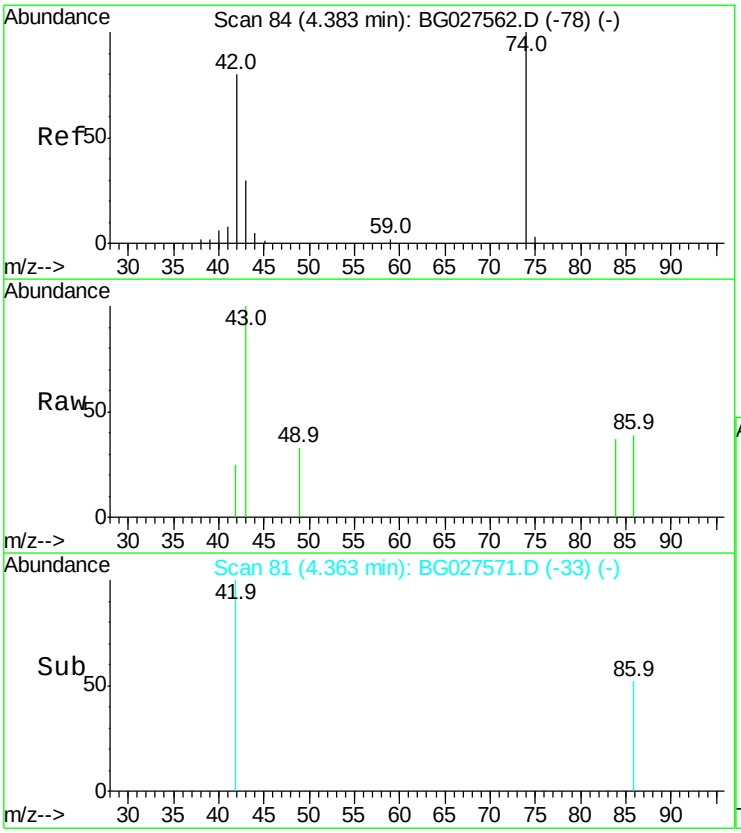
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.50 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 21785

Ion	Ratio	Lower	Upper
152	100		
150	159.6	114.0	171.0
115	72.7	48.1	72.1#

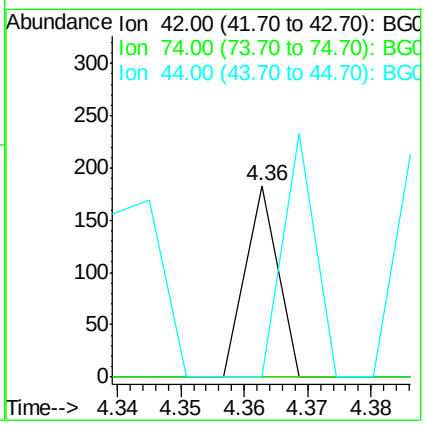


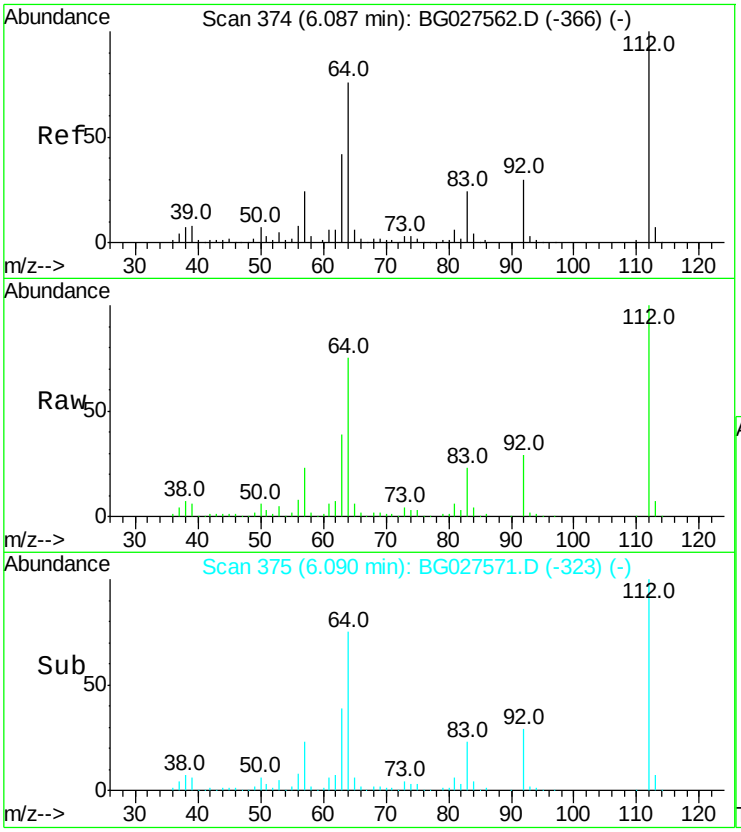


#4
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 4.36 min Scan# 81
Delta R.T. -0.02 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Tgt Ion: 42 Resp: 65

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



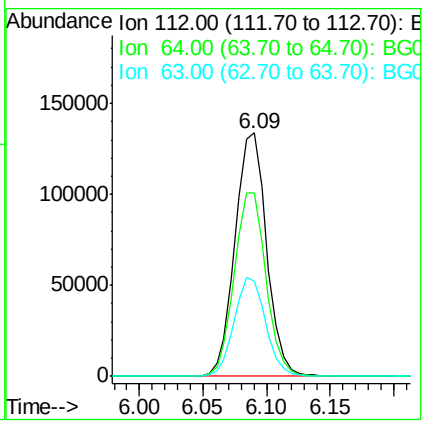


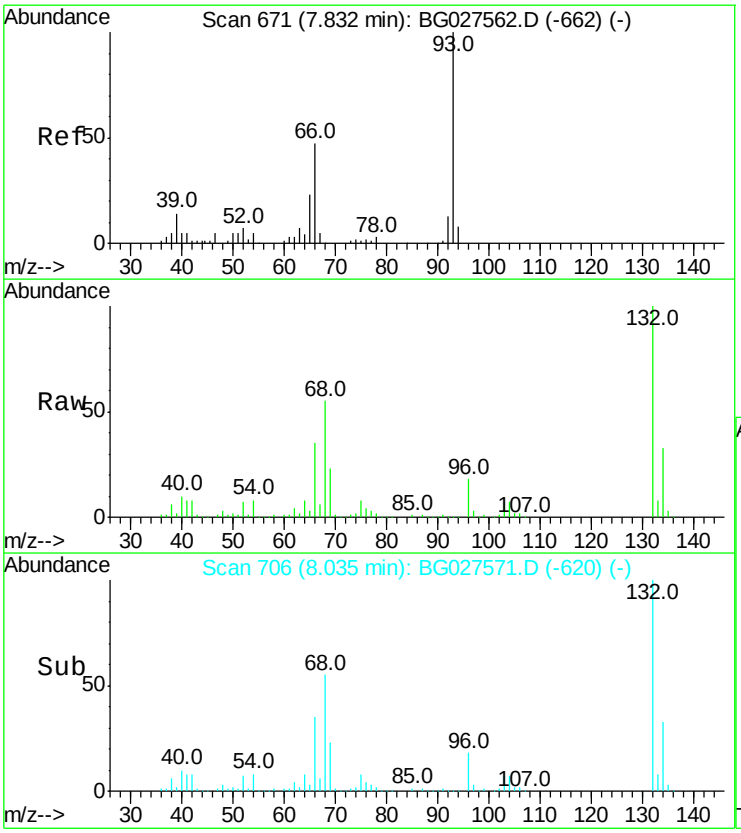
#5
2-Fluorophenol
Concen: 150.86 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.00 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 230918

Ion	Ratio	Lower	Upper
112	100		
64	75.1	61.8	92.6
63	38.9	37.2	55.8

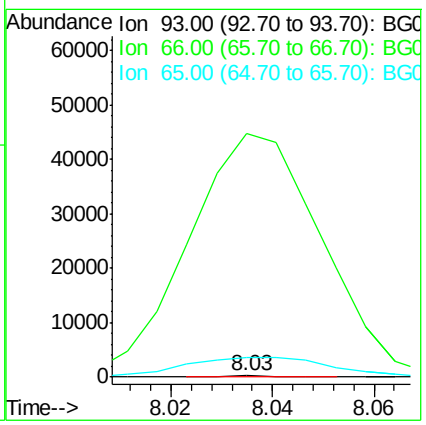


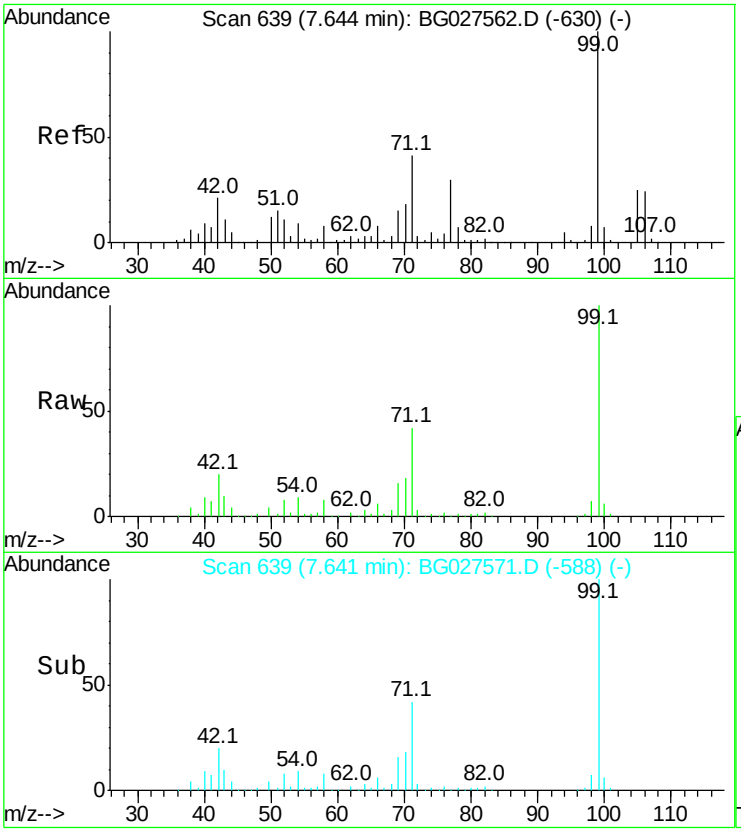


#6
Aniline
Concen: 0.05 ng
RT: 8.03 min Scan# 706
Delta R.T. 0.20 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Tgt Ion: 93 Resp: 138

Ion	Ratio	Lower	Upper
93	100		
66	22130.7	35.4	53.2#
65	1781.7	21.2	31.8#



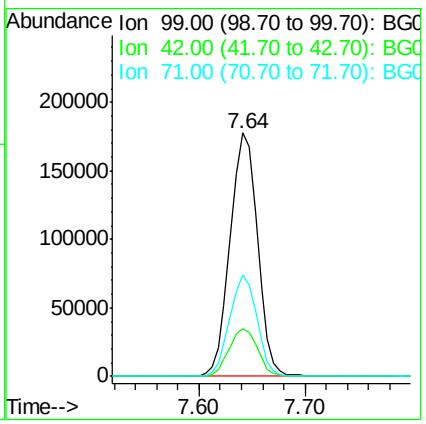


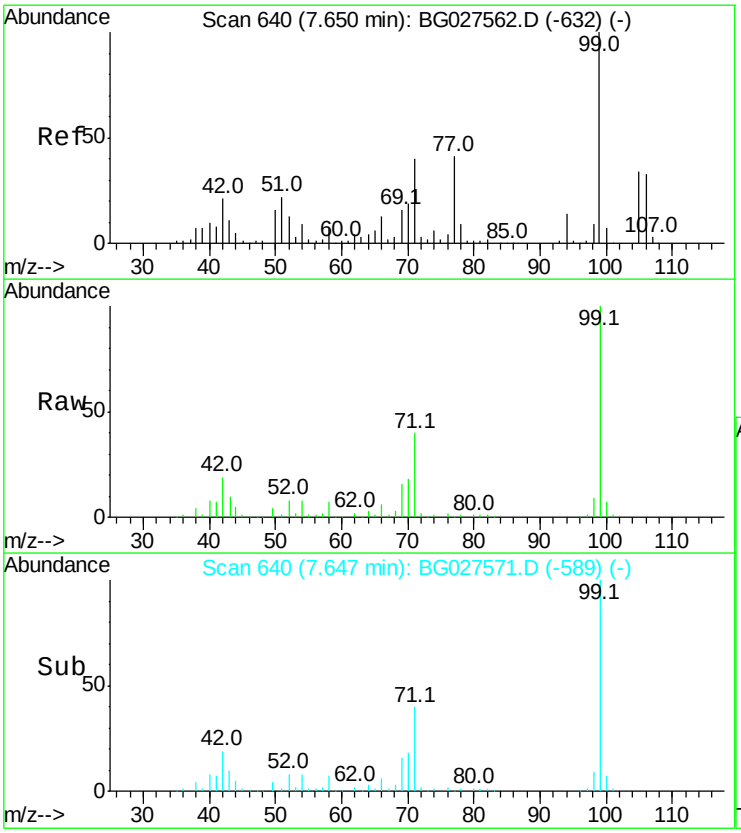
#7
Phenol-d6
Concen: 140.80 ng
RT: 7.64 min Scan# 639
Delta R.T. -0.00 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 319056

Ion	Ratio	Lower	Upper
99	100		
42	19.6	20.5	30.7#
71	41.9	37.6	56.4

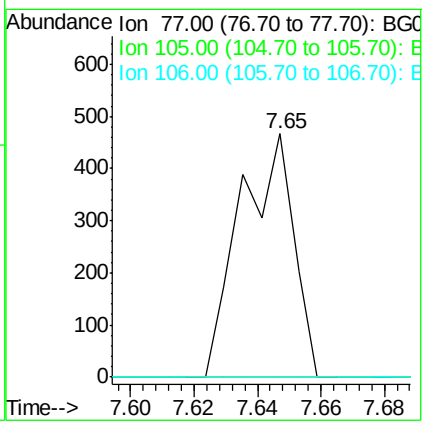


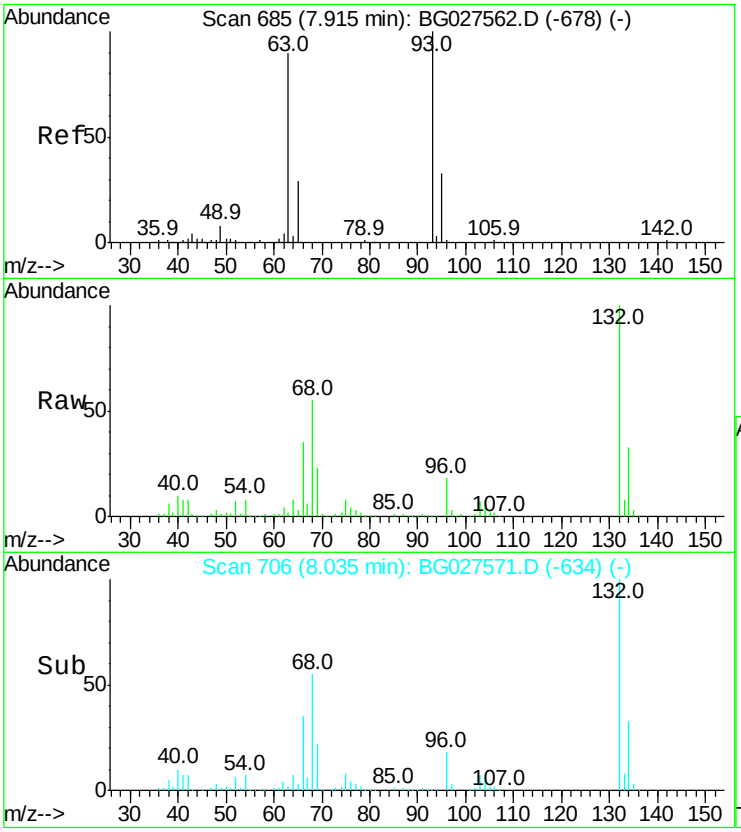


#9
Benzaldehyde
Concen: 0.35 ng
RT: 7.65 min Scan# 640
Delta R.T. -0.00 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Tgt Ion: 77 Resp: 541

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



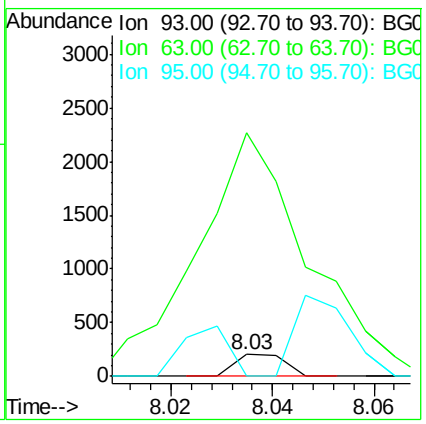


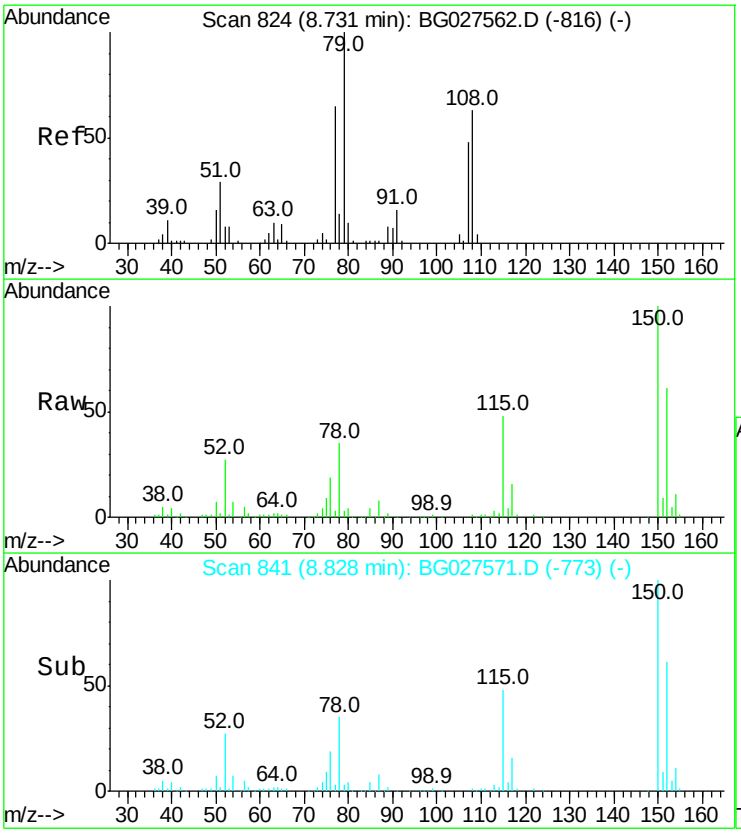
#11
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 8.03 min Scan# 706
Delta R.T. 0.12 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 138

Ion	Ratio	Lower	Upper
93	100		
63	1122.8	78.5	118.5#
95	0.0	9.8	49.8#

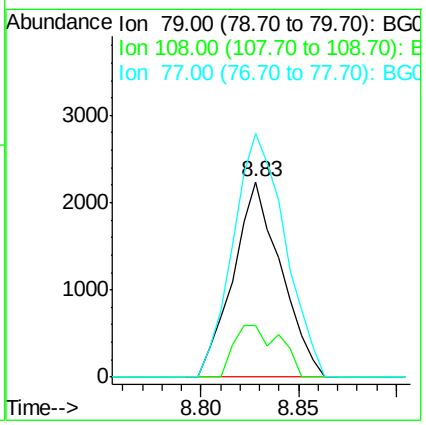


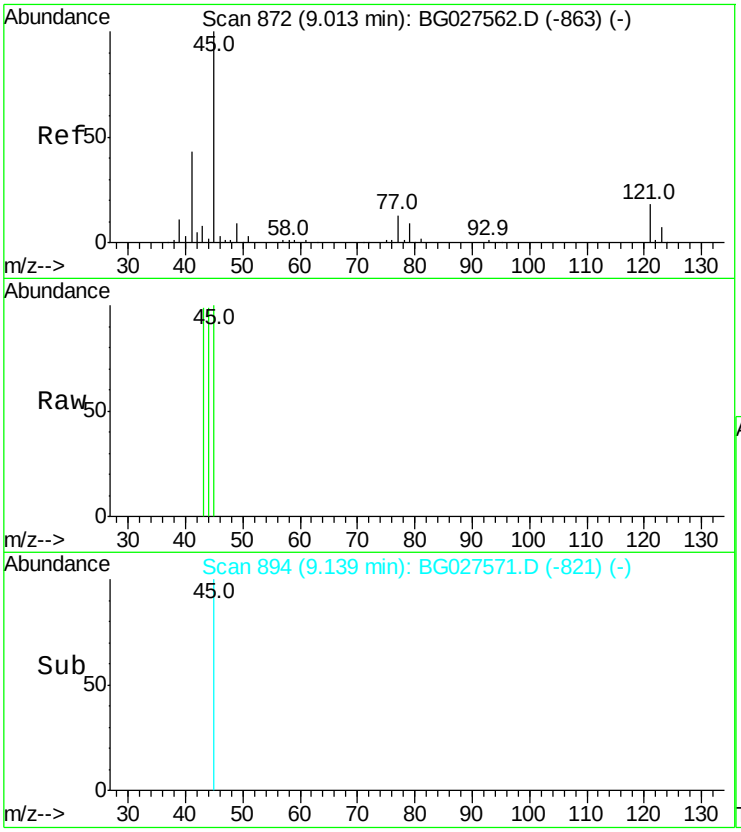


#15
Benzyl Alcohol
Concen: 2.09 ng
RT: 8.83 min Scan# 841
Delta R.T. 0.10 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Tgt Ion: 79 Resp: 3783

Ion	Ratio	Lower	Upper
79	100		
108	26.6	45.5	68.3#
77	124.8	54.3	81.5#



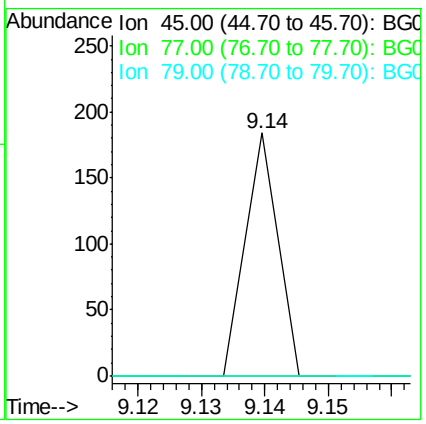


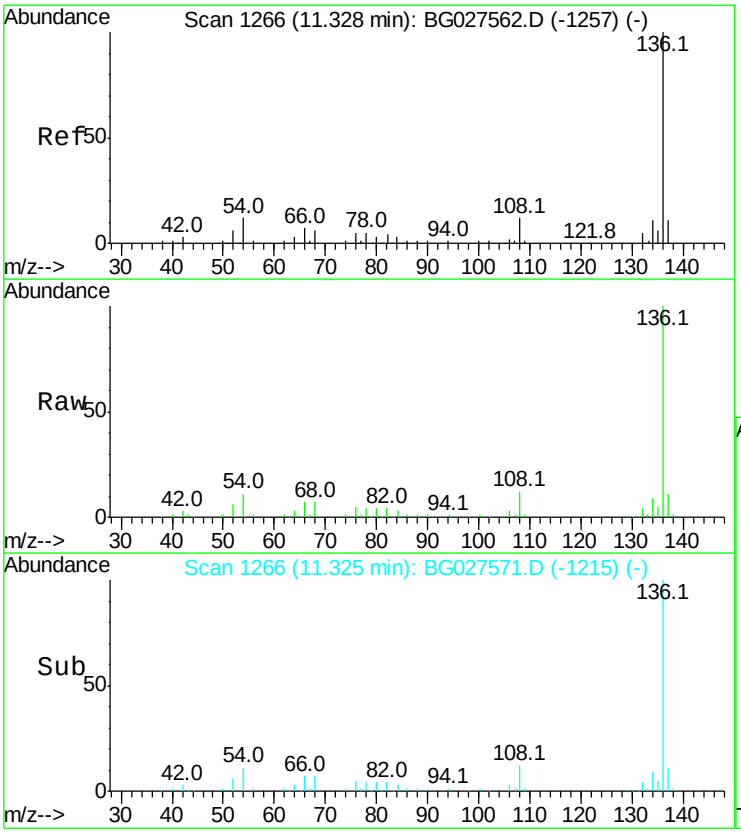
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.02 ng
RT: 9.14 min Scan# 894
Delta R.T. 0.13 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 45 Resp: 65

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.6
79	0.0	0.0	28.5

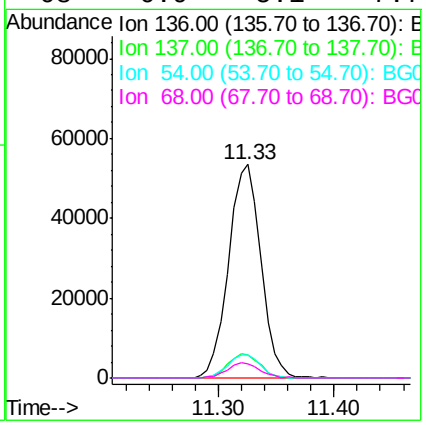


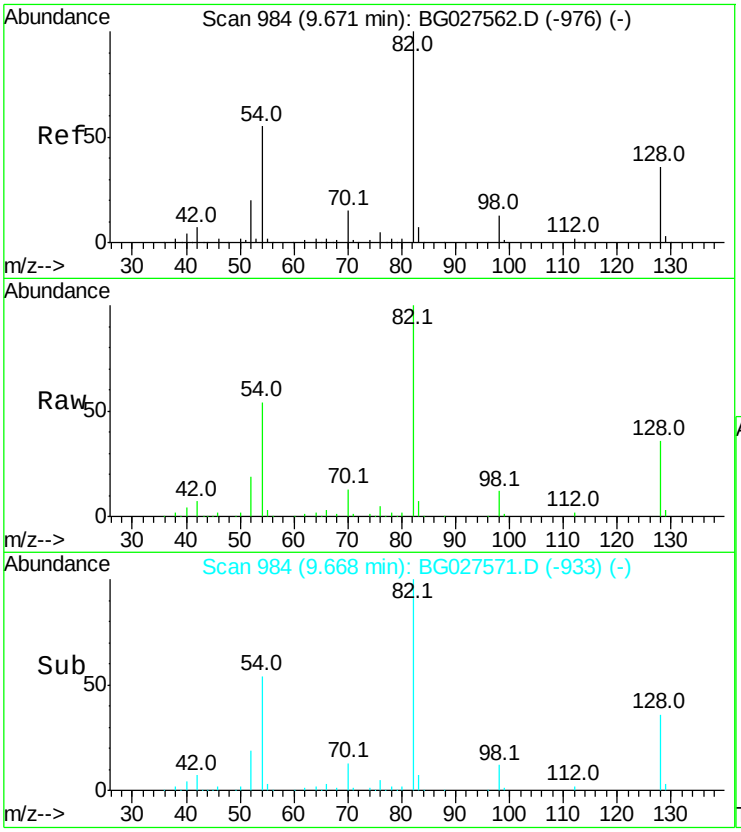


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.33 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Tgt Ion:136 Resp: 103274

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.6	9.3	13.9
68	6.9	5.1	7.7



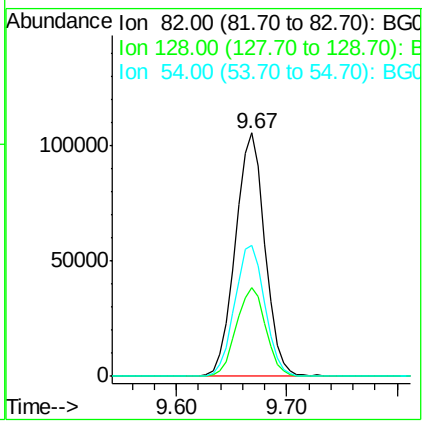


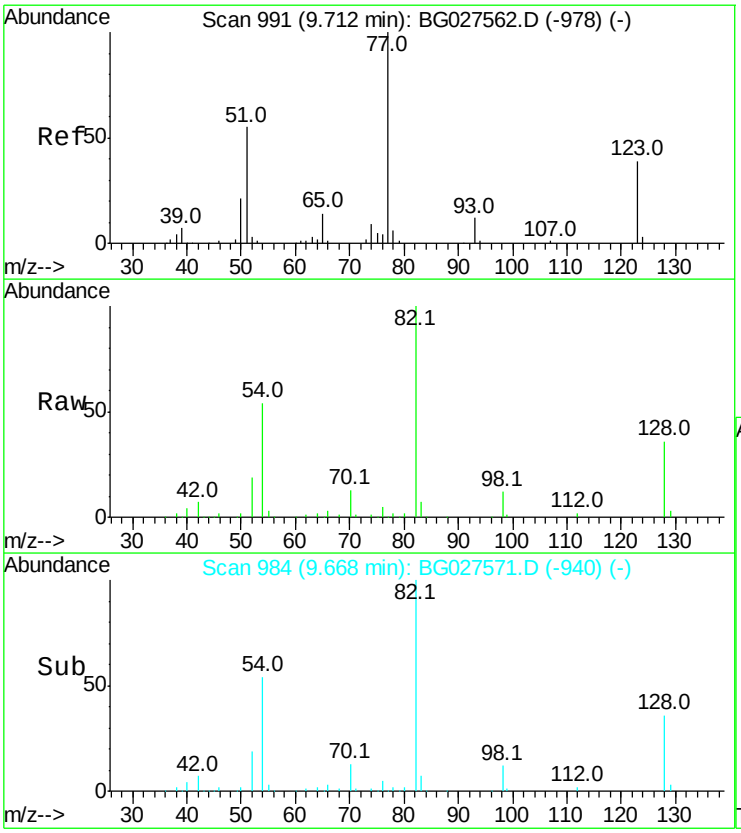
#23
Nitrobenzene-d5
Concen: 91.19 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 199016

Ion	Ratio	Lower	Upper
82	100		
128	36.3	26.4	39.6
54	53.6	49.4	74.2

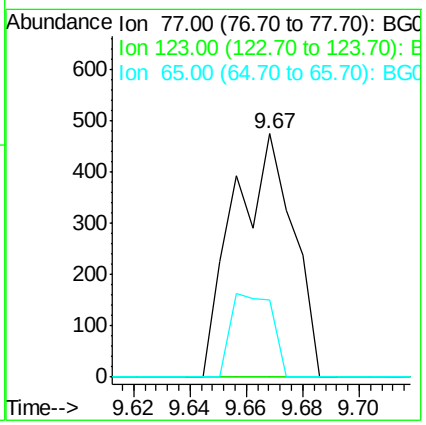


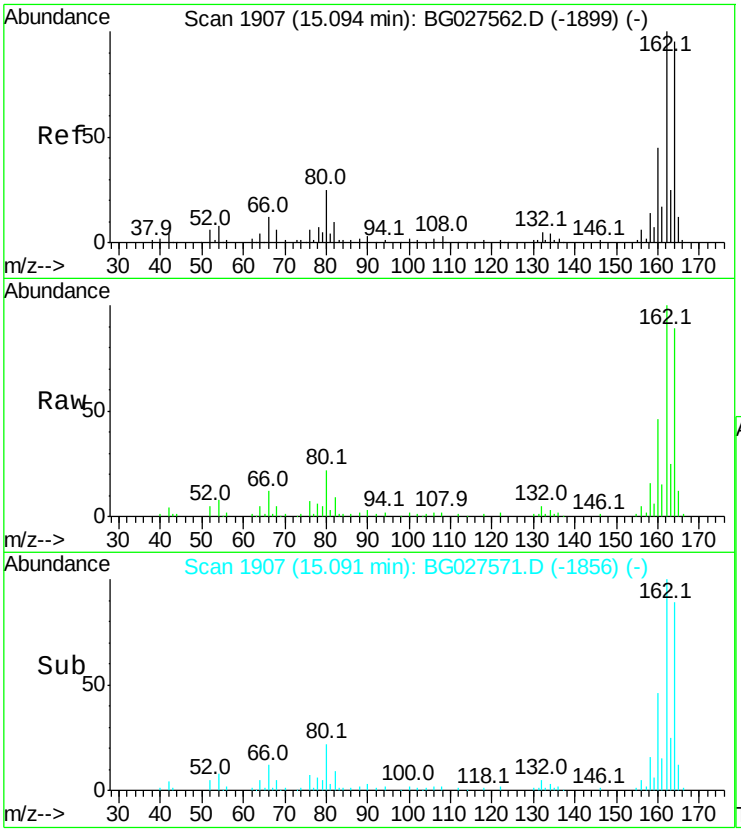


#24
Nitrobenzene
Concen: 0.29 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.04 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Tgt Ion: 77 Resp: 687

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	31.9	12.4	18.6#



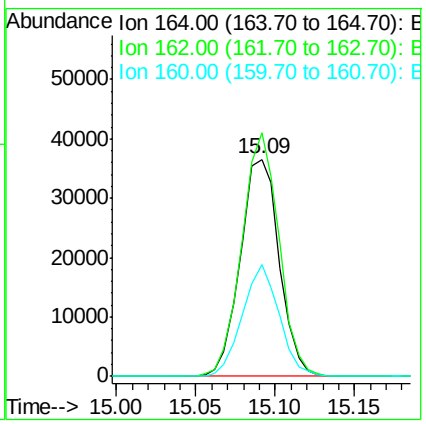


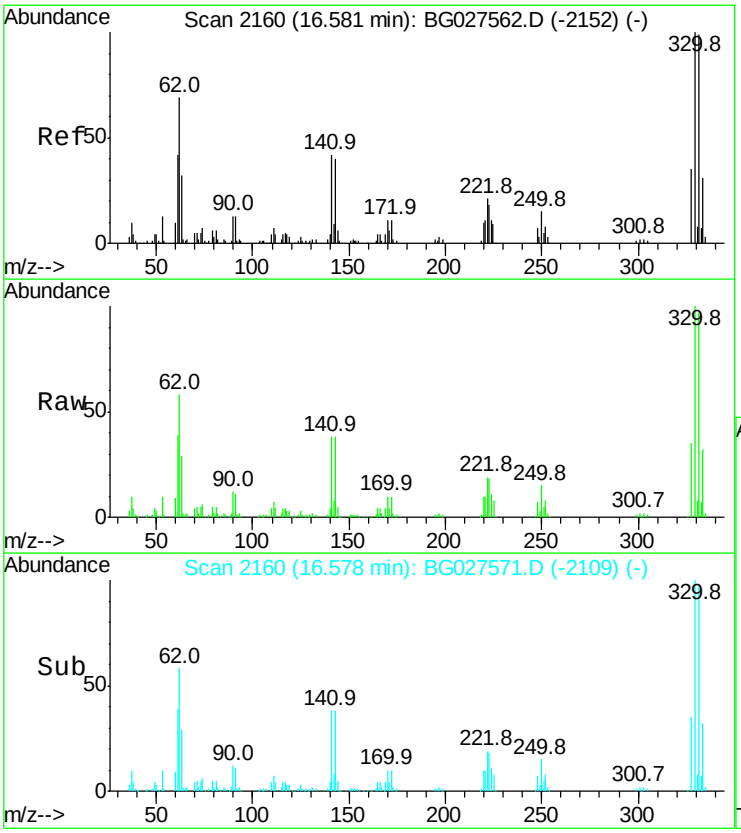
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 62438

Ion	Ratio	Lower	Upper
164	100		
162	112.1	85.1	127.7
160	51.6	34.7	52.1

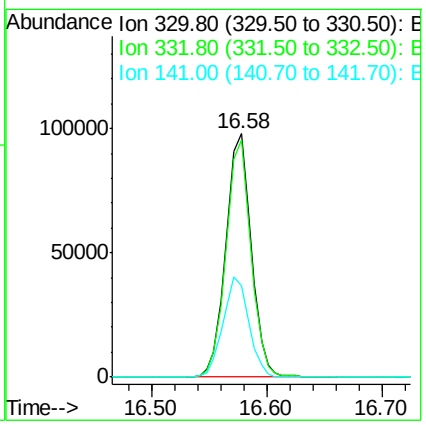


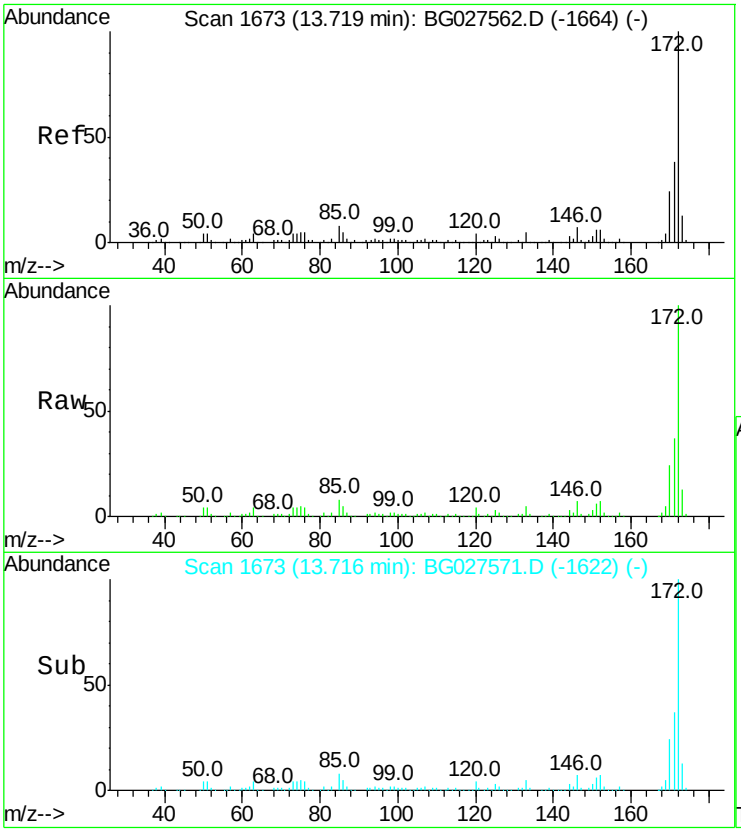


#41
2,4,6-Tribromophenol
Concen: 160.54 ng
RT: 16.58 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Tgt Ion:330 Resp: 149439

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	41.8	32.1	48.1



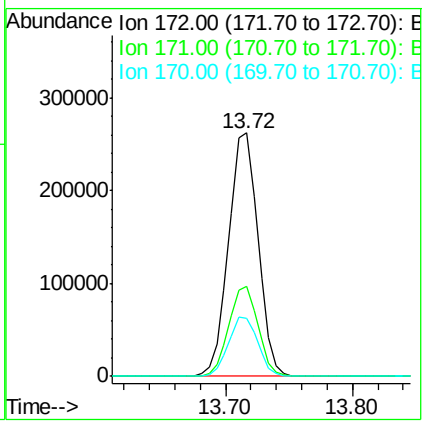


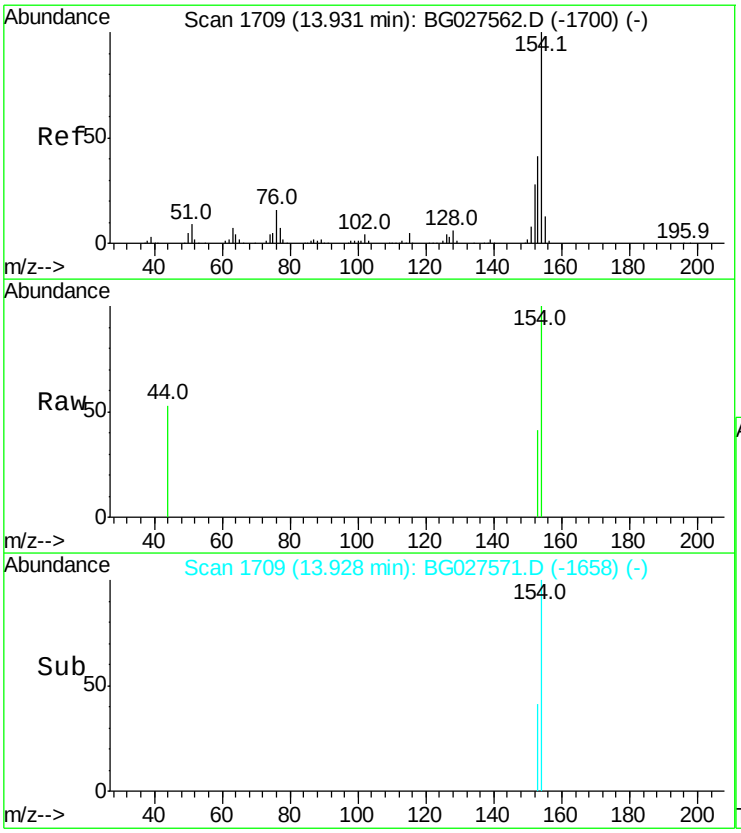
#44
2-Fluorobiphenyl
Concen: 92.02 ng
RT: 13.72 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 420625

Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	23.9	21.8	32.6

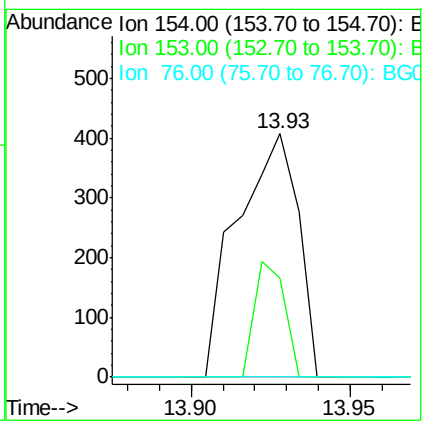


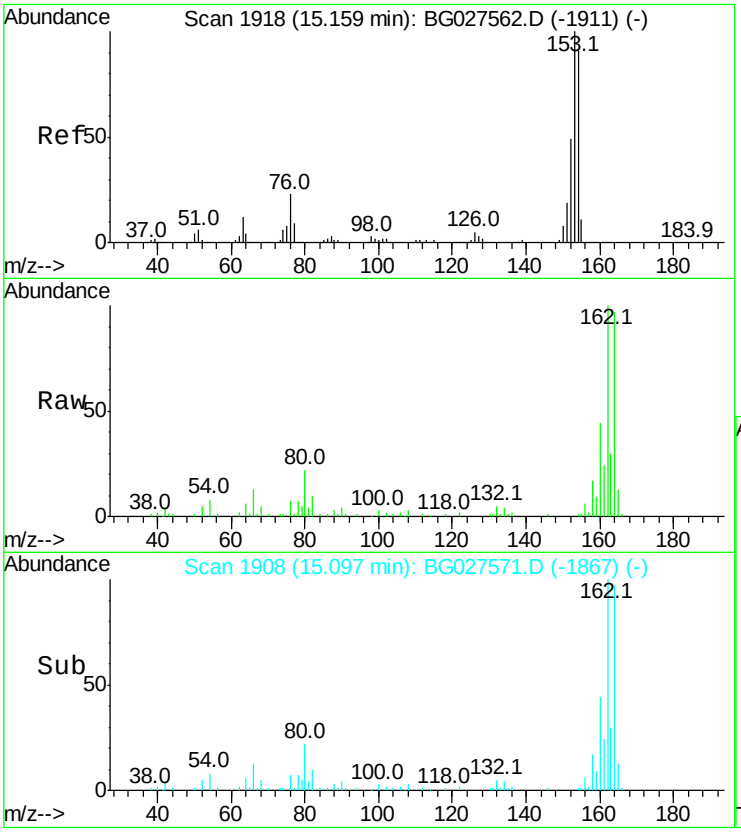


#45
1,1'-Biphenyl
Concen: 0.10 ng
RT: 13.93 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Tgt Ion:154 Resp: 543

Ion	Ratio	Lower	Upper
154	100		
153	40.7	23.0	63.0
76	0.0	0.0	33.5



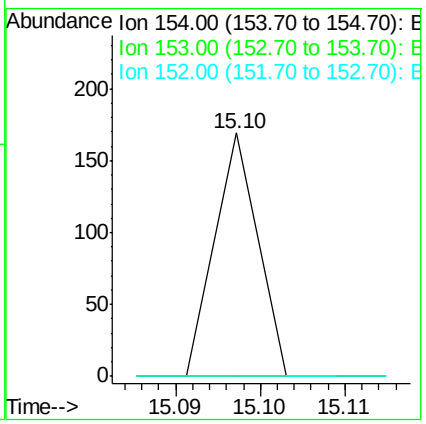


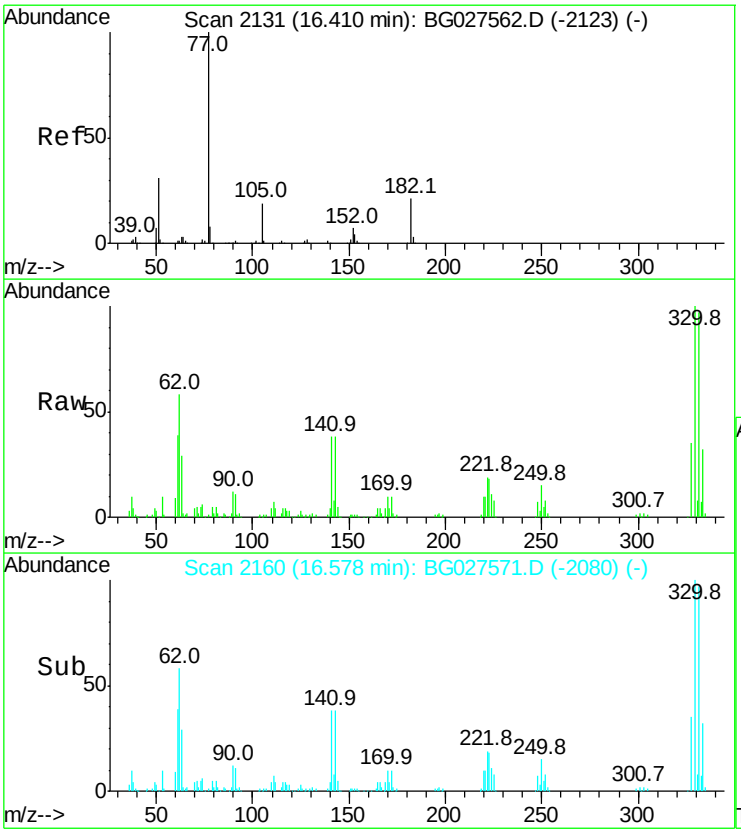
#51
Acenaphthene
Concen: 0.01 ng
RT: 15.10 min Scan# 1908
Delta R.T. -0.06 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 60

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

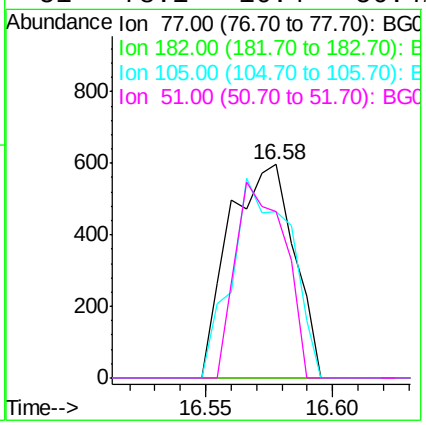


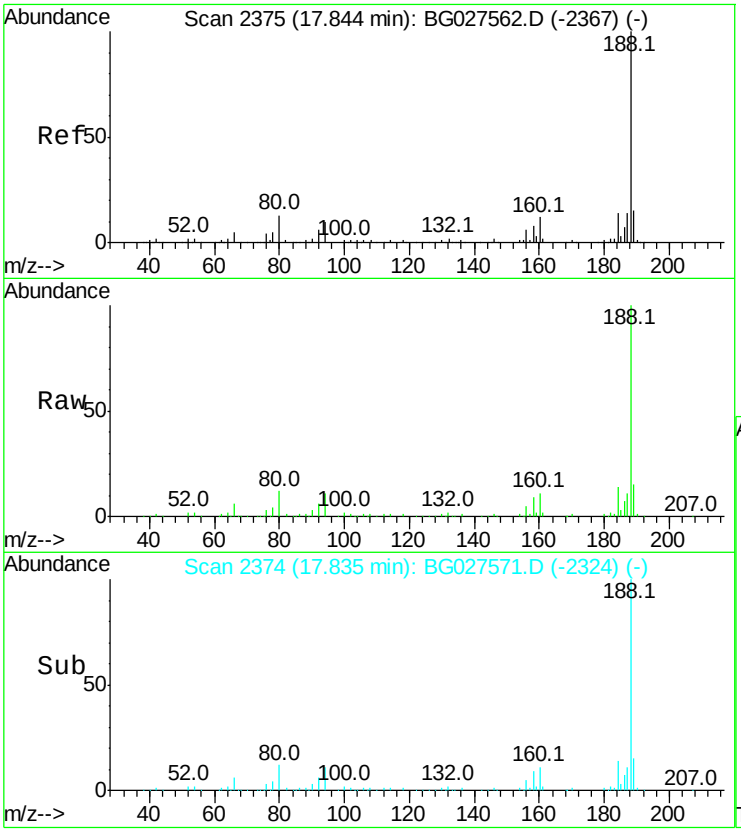


#62
Azobenzene
Concen: 0.17 ng
RT: 16.58 min Scan# 2160
Delta R.T. 0.17 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Tgt Ion: 77 Resp: 1060

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.7	44.7#
105	78.1	0.0	36.3#
51	78.1	16.4	56.4#



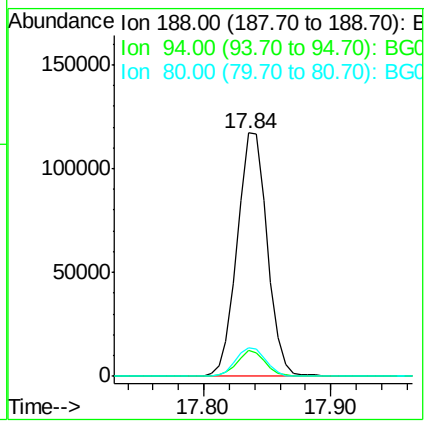


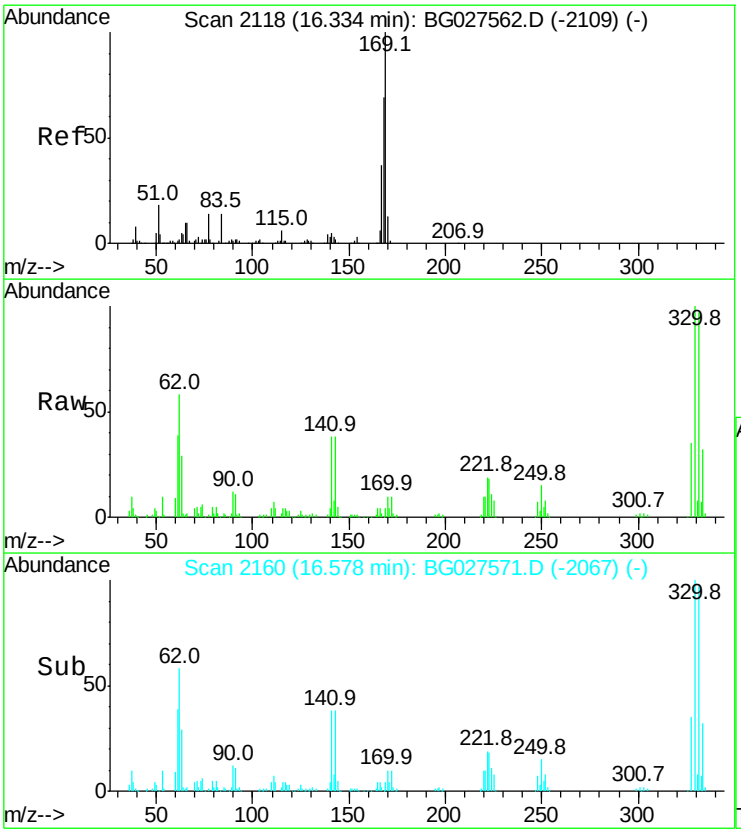
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 191663

Ion	Ratio	Lower	Upper
188	100		
94	10.5	5.8	8.8#
80	11.9	7.5	11.3#

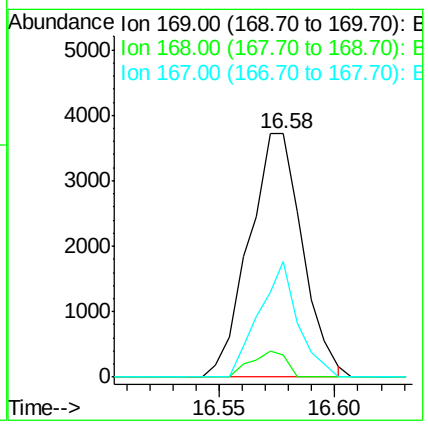


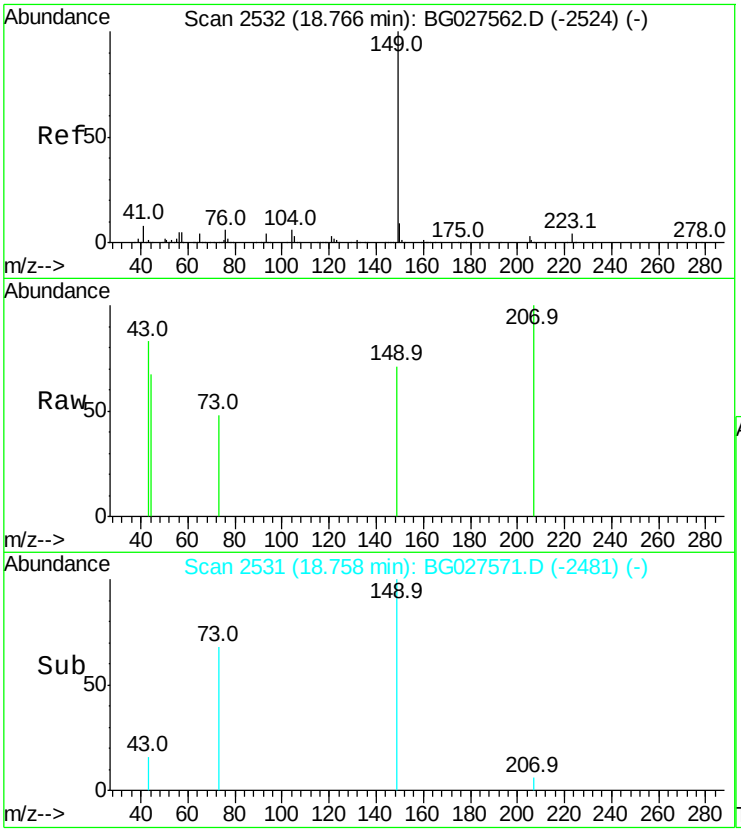


#65
n-Nitrosodiphenylamine
Concen: 1.02 ng
RT: 16.58 min Scan# 2160
Delta R.T. 0.24 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Tgt Ion:169 Resp: 5981

Ion	Ratio	Lower	Upper
169	100		
168	8.9	55.7	83.5#
167	47.4	29.8	44.6#



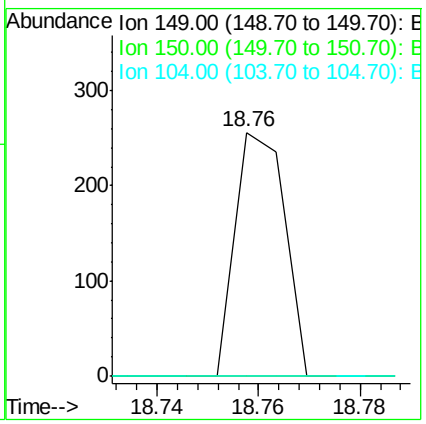


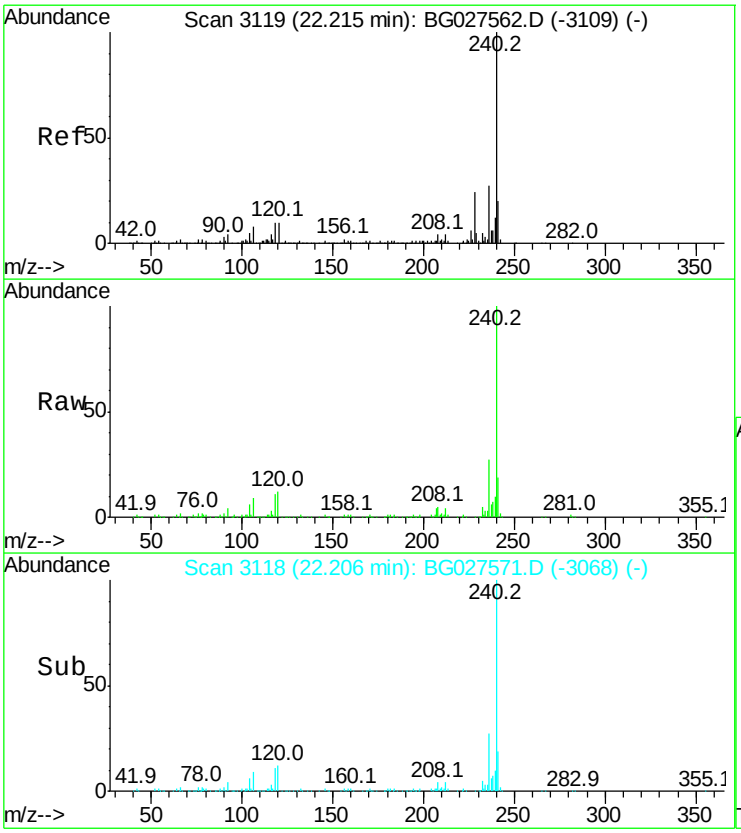
#73
Di-n-butylphthalate
Concen: 0.01 ng
RT: 18.76 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 173

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

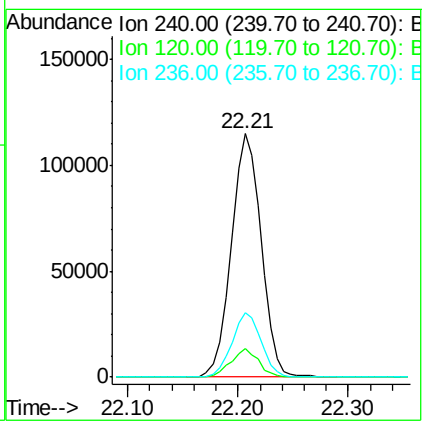


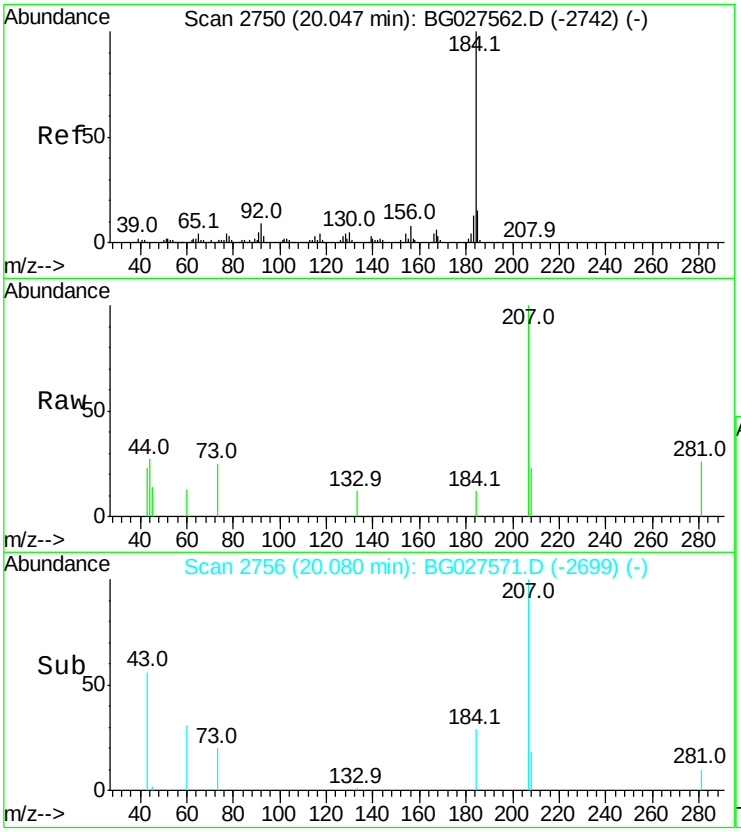


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.21 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Tgt Ion:240 Resp: 217533

Ion	Ratio	Lower	Upper
240	100		
120	11.9	5.7	8.5#
236	26.6	22.2	33.4



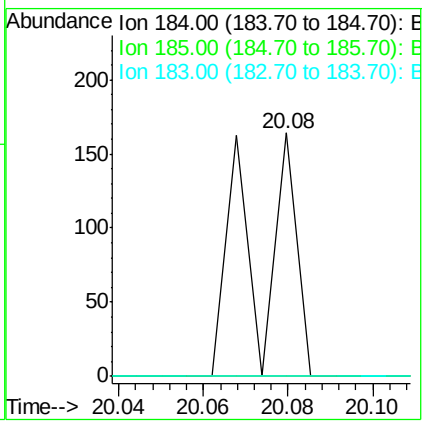


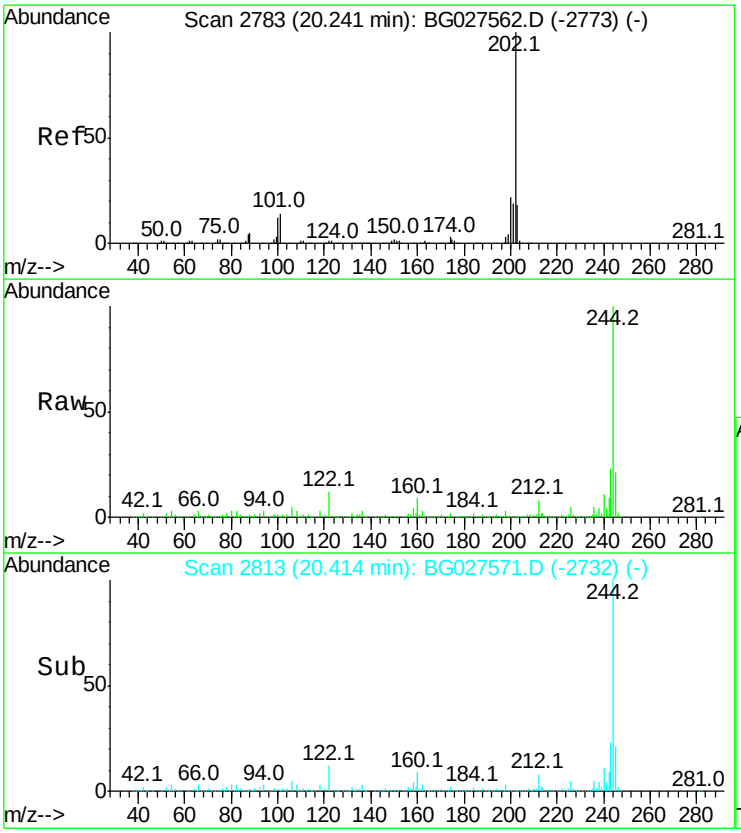
#76
Benzidine
Concen: 0.02 ng
RT: 20.08 min Scan# 2756
Delta R.T. 0.03 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 115

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

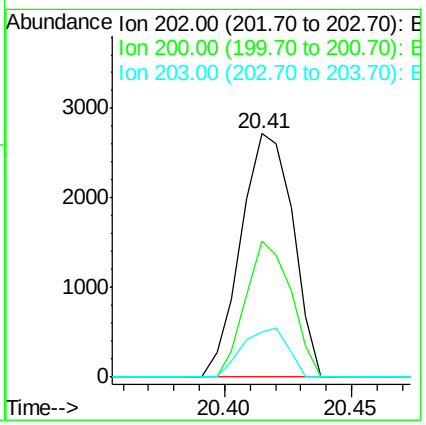


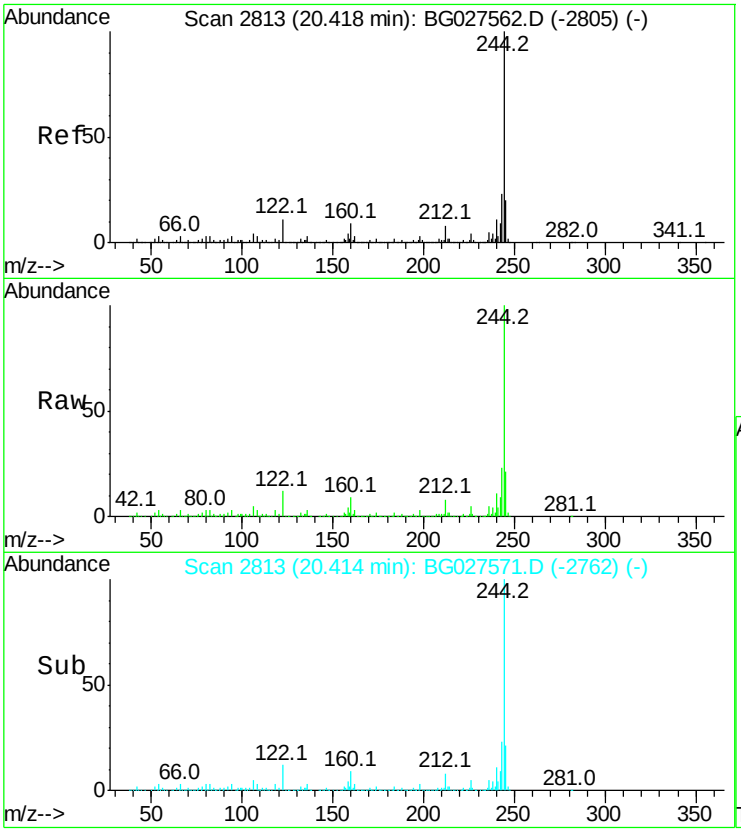


#77
Pyrene
Concen: 0.29 ng
RT: 20.41 min Scan# 2813
Delta R.T. 0.17 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Tgt Ion:202 Resp: 3885

Ion	Ratio	Lower	Upper
202	100		
200	56.1	19.6	29.4#
203	18.6	15.8	23.8



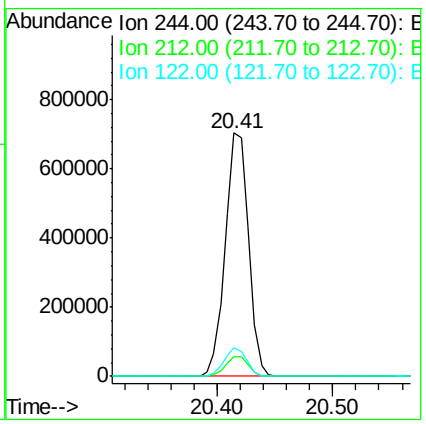


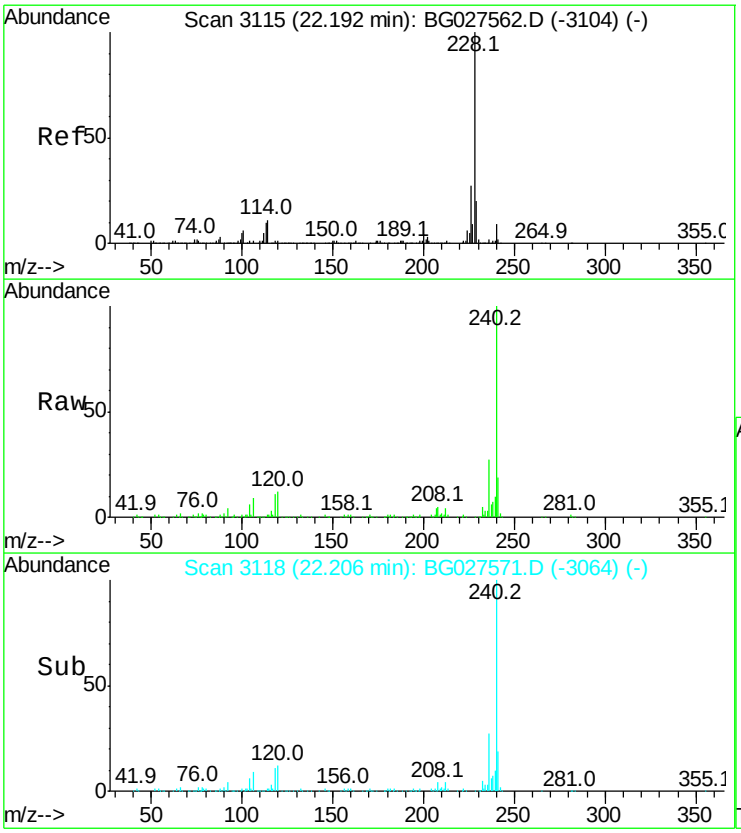
#78
Terphenyl-d14
Concen: 106.37 ng
RT: 20.41 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 982115

Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	11.8	8.6	12.8

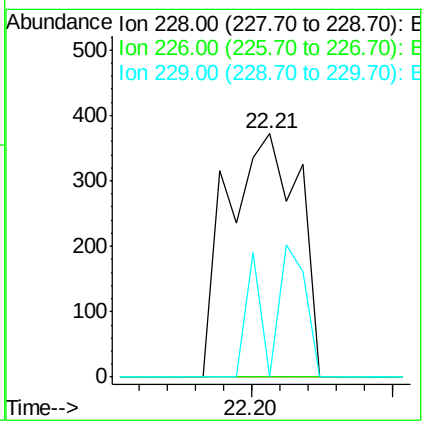


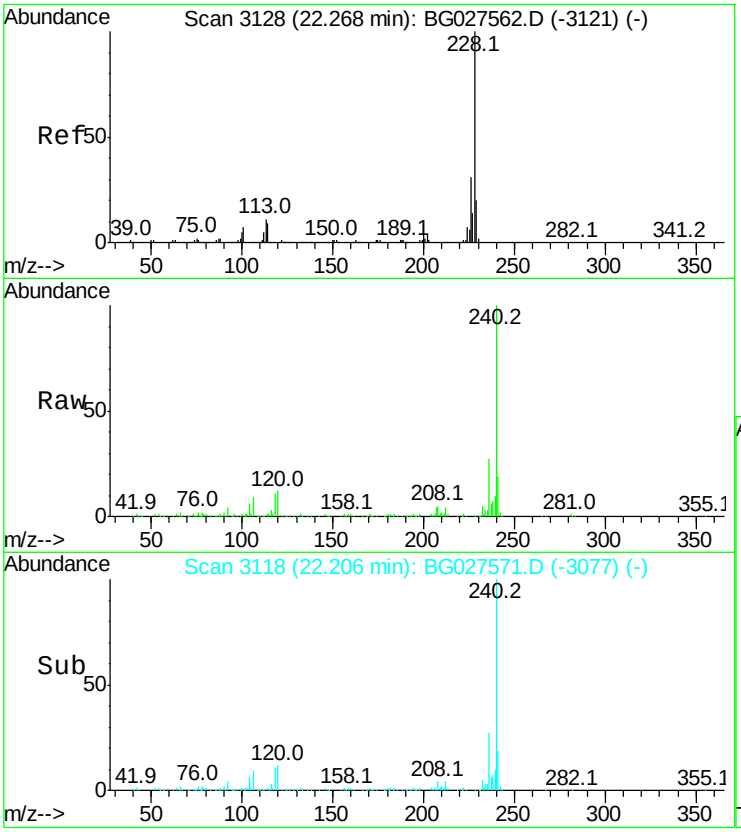


#80
Benzo(a)anthracene
Concen: 0.05 ng
RT: 22.21 min Scan# 3118
Delta R.T. 0.01 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Tgt Ion:228 Resp: 653

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



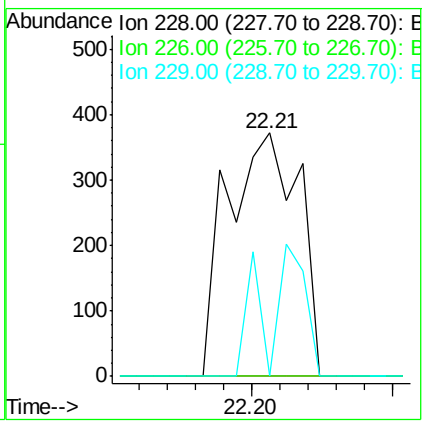


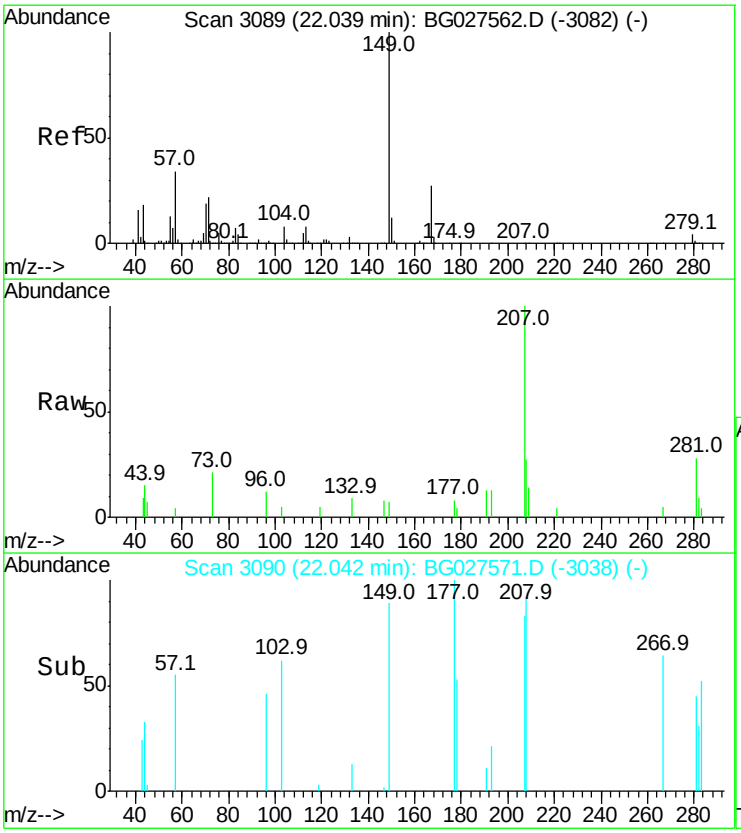
#82
Chrysene
Concen: 0.05 ng
RT: 22.21 min Scan# 3118
Delta R.T. -0.06 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 653

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

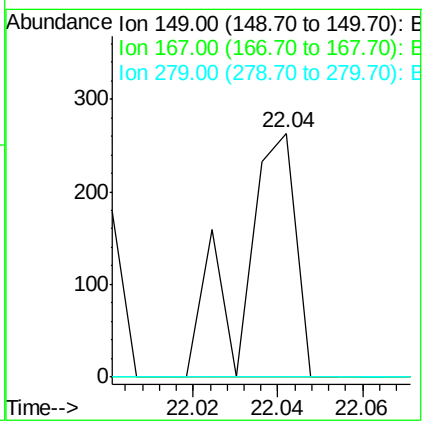


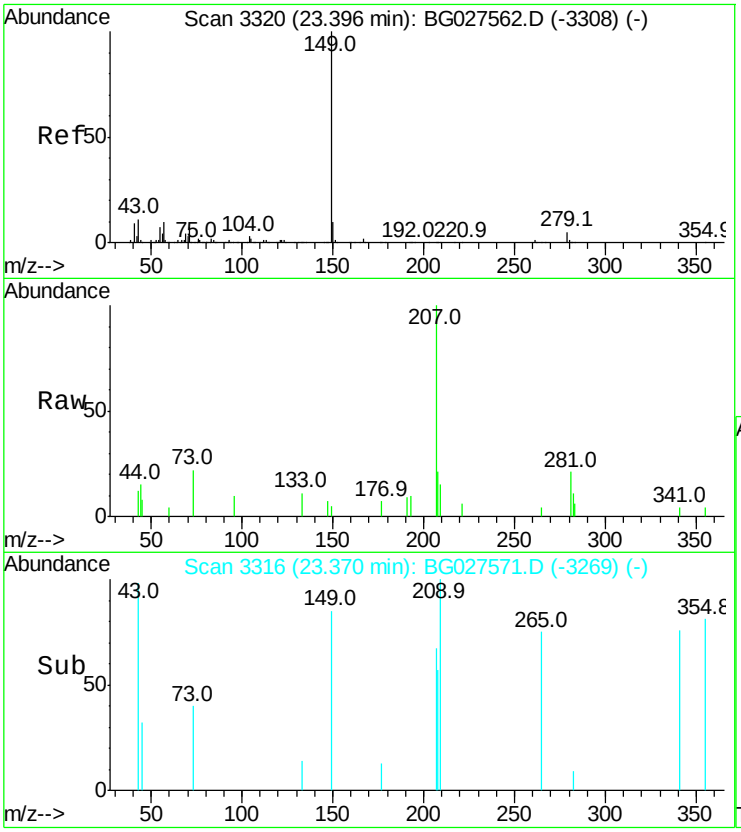


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.03 ng
RT: 22.04 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Tgt Ion:149 Resp: 231

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



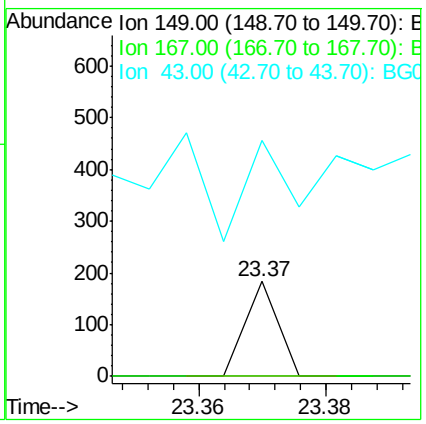


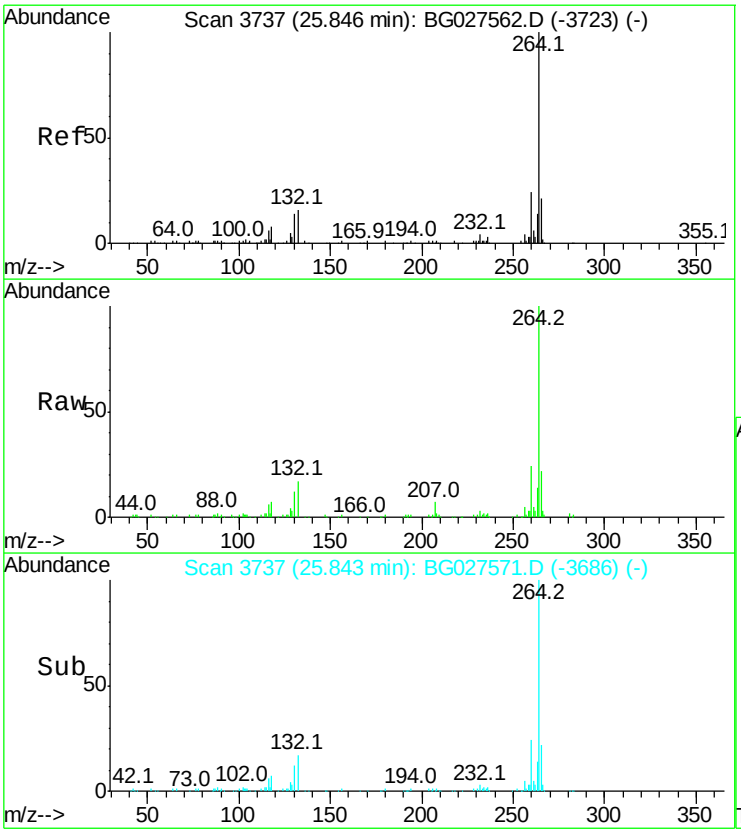
#84
Di-n-octyl phthalate
Concen: 0.00 ng
RT: 23.37 min Scan# 3316
Delta R.T. -0.03 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 65

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.2#
43	316.9	11.8	17.6#

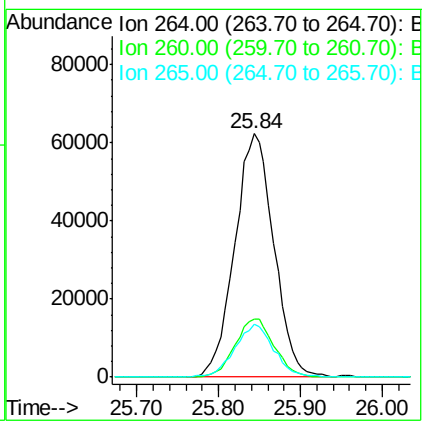


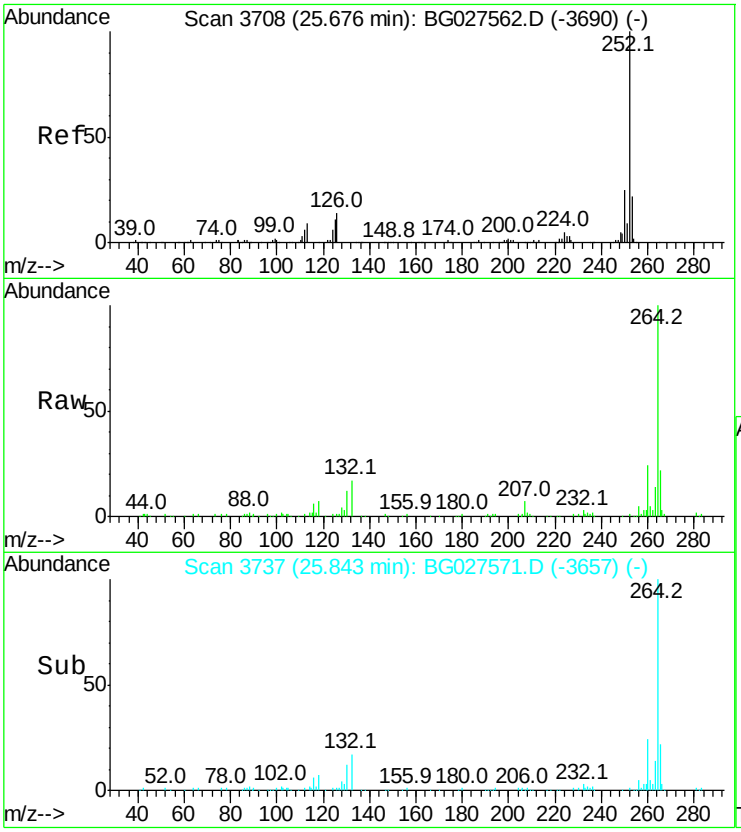


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.84 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Tgt Ion:264 Resp: 207042

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: 0.05 ng
RT: 25.84 min Scan# 3737
Delta R.T. 0.17 min
Lab File: BG027571.D
Acq: 21 Jun 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 673

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