Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
Data File : BG027569.D
Acq On : 21 Jun 2017 20:47
Operator : SJ/JU
Sample : PB99977BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 22 02:28:33 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	8.51	152	23475	20.00	ng		0.00
21) Naphthalene-d8	11.33	136	102460	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	59579	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	178812	20.00	ng		0.00
75) Chrysene-d12	22.21	240	209435	20.00	ng		0.00
86) Perylene-d12	25.85	264	200480	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	236411	143.33	ng		0.00
7) Phenol-d6	7.64	99	315232	129.10	ng		0.00
23) Nitrobenzene-d5	9.67	82	200072	92.40	ng		0.00
41) 2,4,6-Tribromophenol	16.57	330	135463	152.51	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	411833	94.42	ng		0.00
78) Terphenyl-d14	20.42	244	920461	103.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.11	88	55	0.09	ng	#	1
4) n-Nitrosodimethylamine	4.37	42	60	0.06	ng	#	1
6) Aniline	8.03	93	314	0.11	ng	#	1
9) Benzaldehyde	7.64	77	507	0.31	ng	#	10
11) bis(2-Chloroethyl)ether	8.03	93	314	0.16	ng	#	1
15) Benzyl Alcohol	8.83	79	4037	2.07	ng	#	63
16) 2,2'-oxybis(1-Chloropropan	9.07	45	63	0.02	ng		74
24) Nitrobenzene	9.67	77	681	0.29	ng	#	37
25) Isophorone	10.08	82	63	0.01	ng	#	67
45) 1,1'-Biphenyl	13.93	154	653	0.13	ng		83
51) Acenaphthene	15.08	154	62	0.01	ng	#	6
62) Azobenzene	16.57	77	915	0.16	ng	#	22
65) n-Nitrosodiphenylamine	16.57	169	5785	1.06	ng	#	52
73) Di-n-butylphthalate	18.75	149	452	0.04	ng	#	73
74) Fluoranthene	19.87	202	62	0.01	ng	#	61
76) Benzidine	20.05	184	302	0.06	ng	#	64
77) Pyrene	20.42	202	3697	0.29	ng	#	60
79) Butylbenzylphthalate	21.03	149	69	0.01	ng	#	19
80) Benzo(a)anthracene	22.20	228	632	0.05	ng	#	47
81) 3,3'-Dichlorobenzidine	22.08	252	53	0.01	ng	#	24
82) Chrysene	22.27	228	71	0.01	ng	#	46
83) Bis(2-ethylhexyl)phthalate	22.04	149	410	0.05	ng	#	51
84) Di-n-octyl phthalate	23.38	149	69	0.01	ng	#	1
89) Benzo(a)pyrene	25.82	252	58	0.00	ng	#	58

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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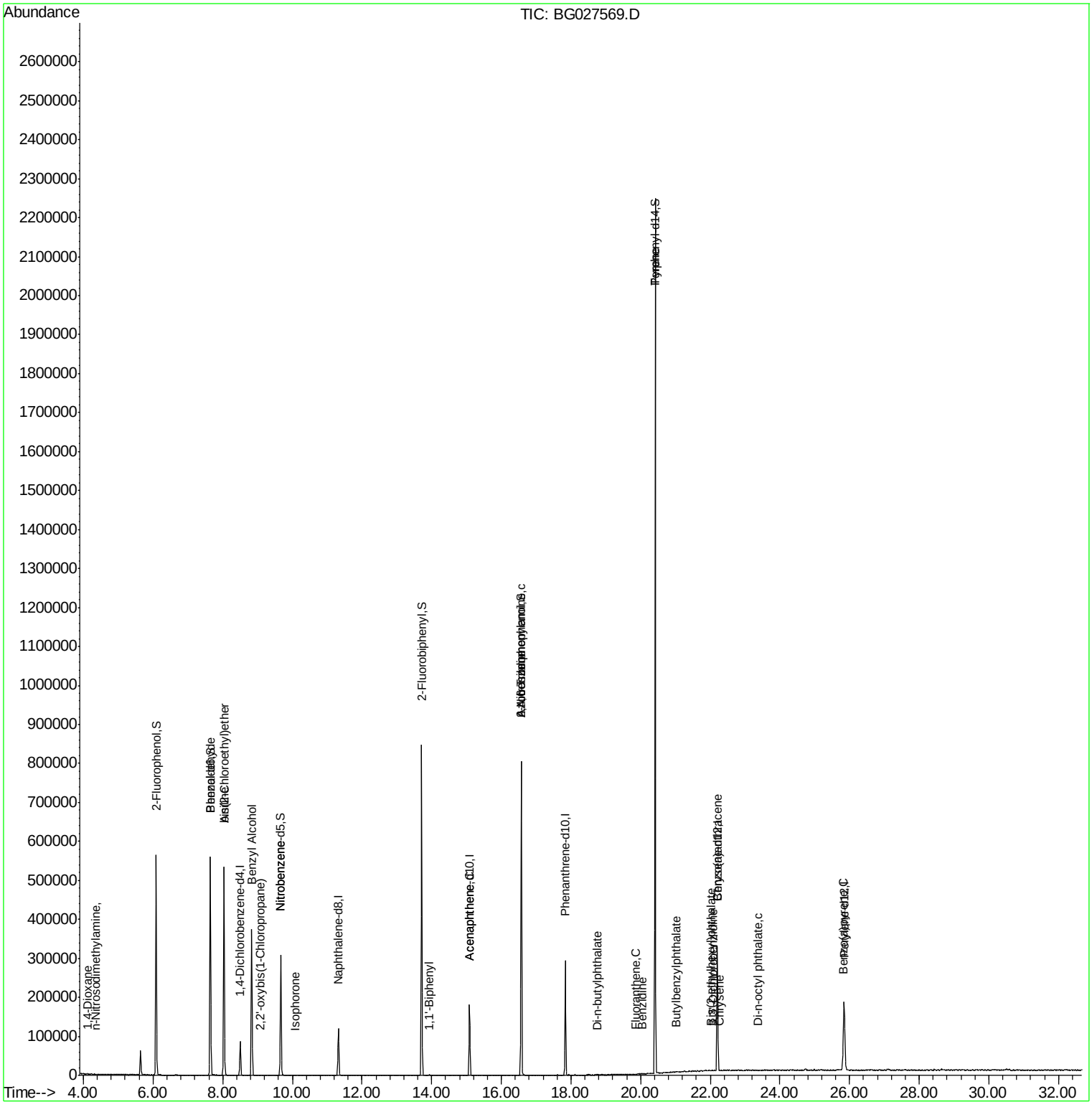
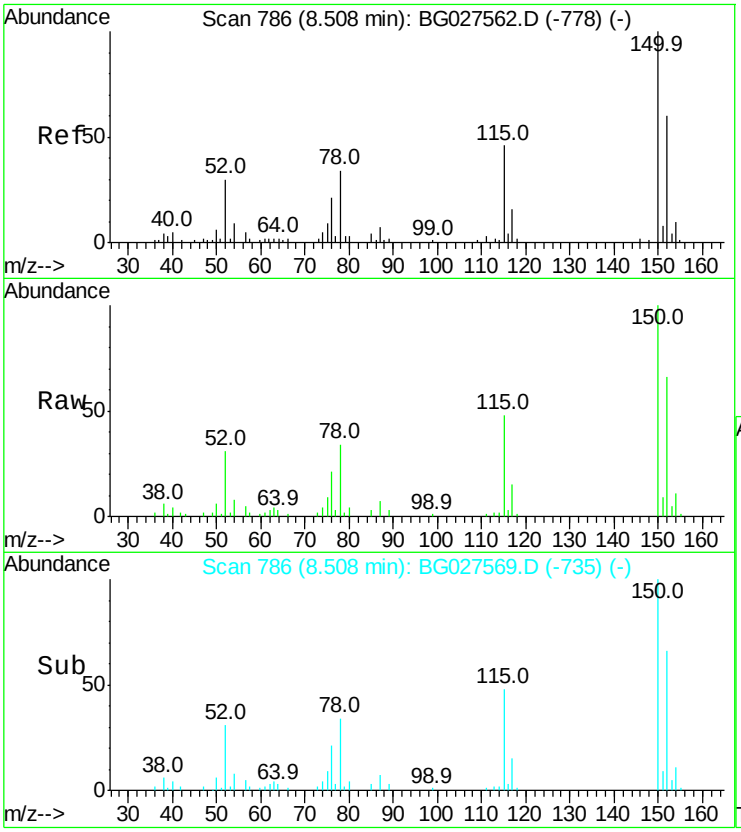


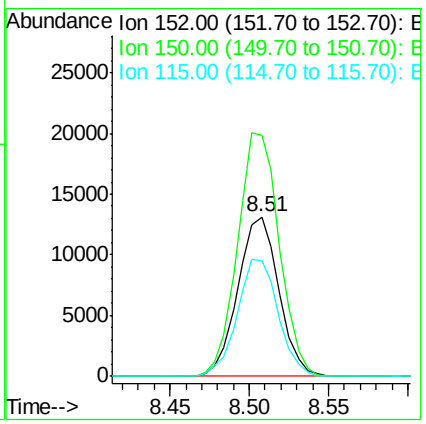


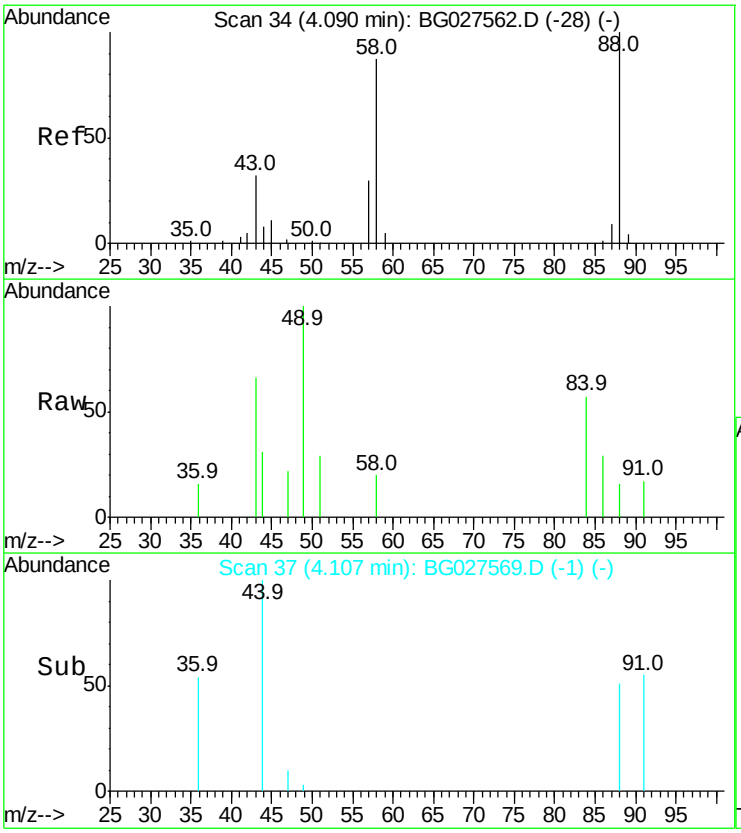
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 23475

Ion	Ratio	Lower	Upper
152	100		
150	150.8	114.0	171.0
115	72.6	48.1	72.1#

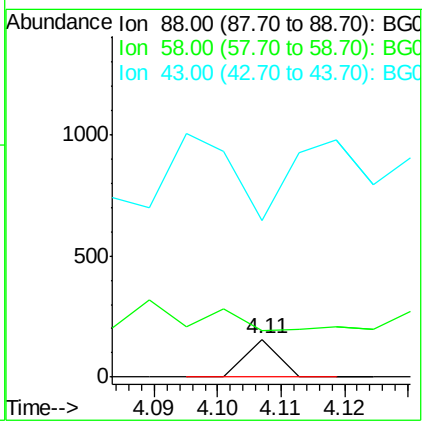


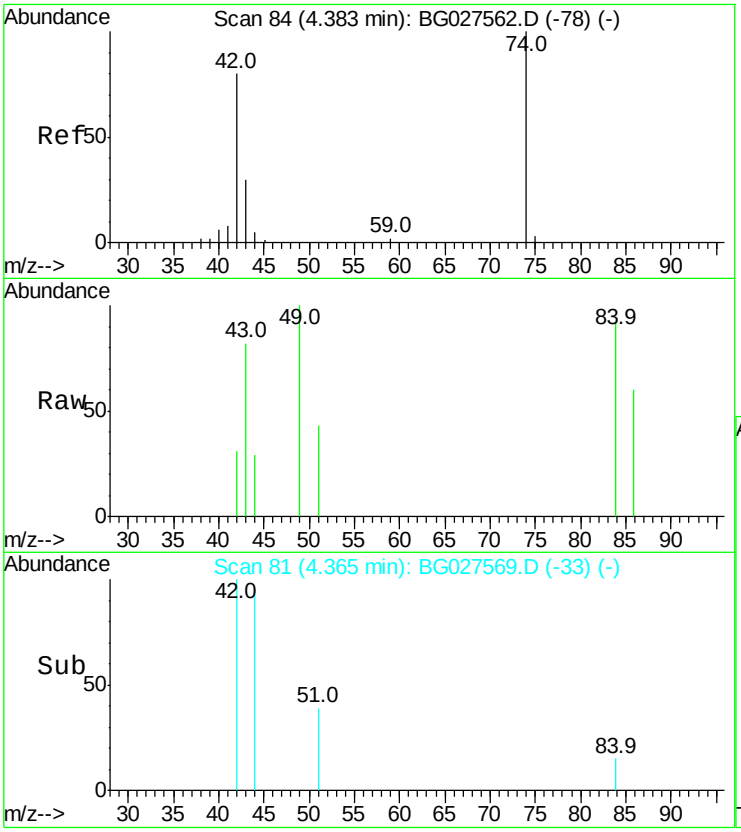


#2
1,4-Dioxane
Concen: 0.09 ng
RT: 4.11 min Scan# 37
Delta R.T. 0.02 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion: 88 Resp: 55

Ion	Ratio	Lower	Upper
88	100		
58	0.0	79.4	119.2#
43	1430.9	33.8	50.6#



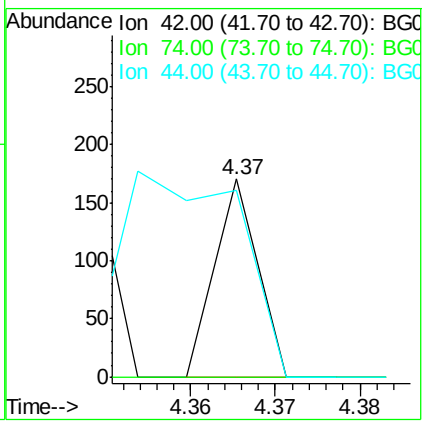


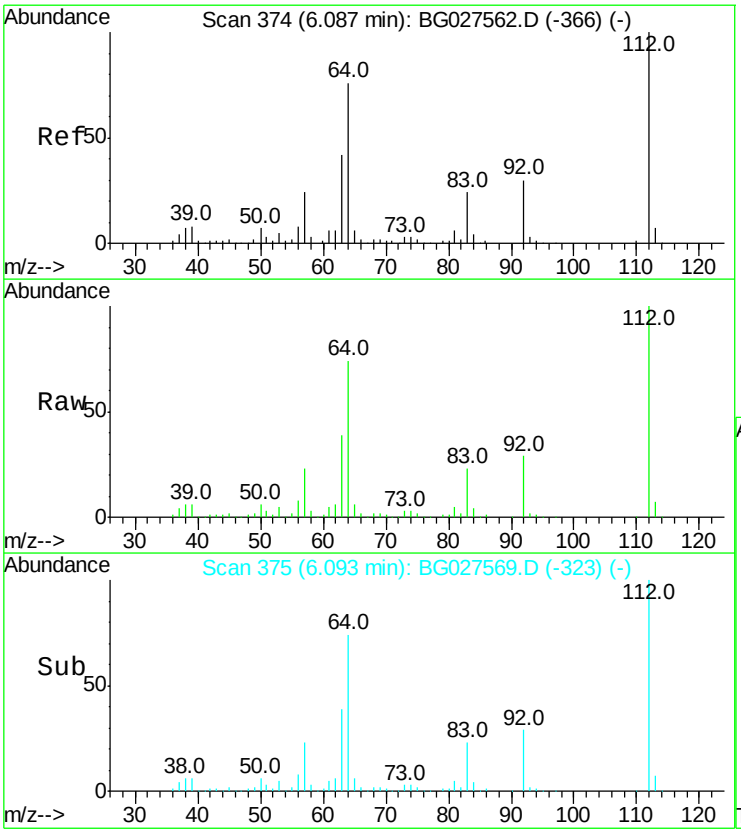
#4
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 4.37 min Scan# 81
Delta R.T. -0.02 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 60

Ion	Ratio	Lower	Upper
42	100		
74	0.0	76.7	115.1#
44	94.7	6.1	9.1#

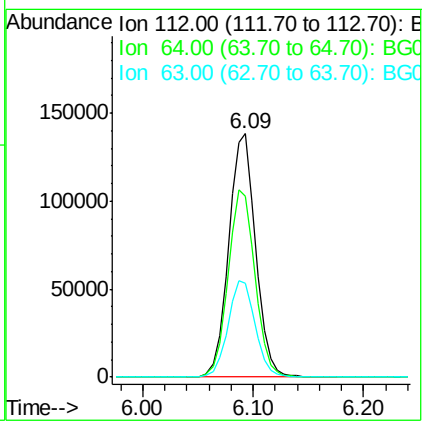


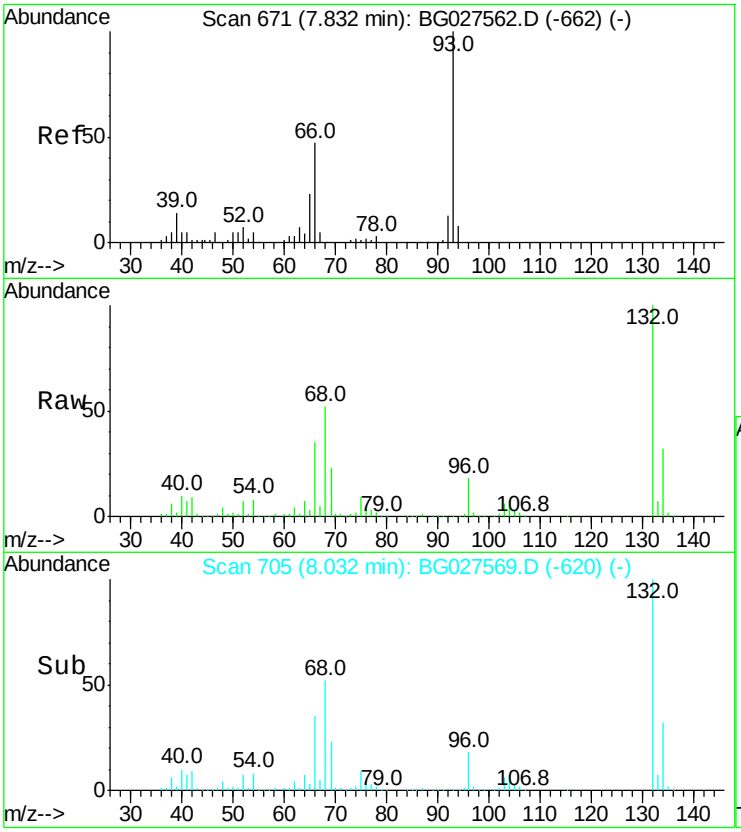


#5
2-Fluorophenol
Concen: 143.33 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.01 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion:112 Resp: 236411

Ion	Ratio	Lower	Upper
112	100		
64	74.1	61.8	92.6
63	38.7	37.2	55.8



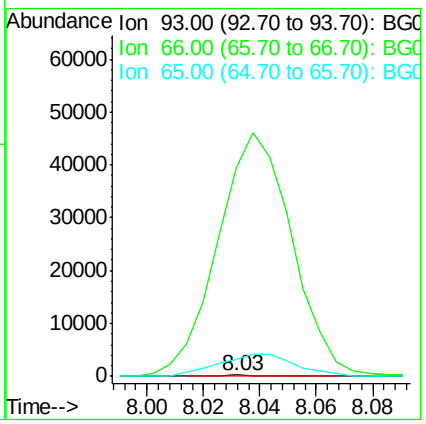


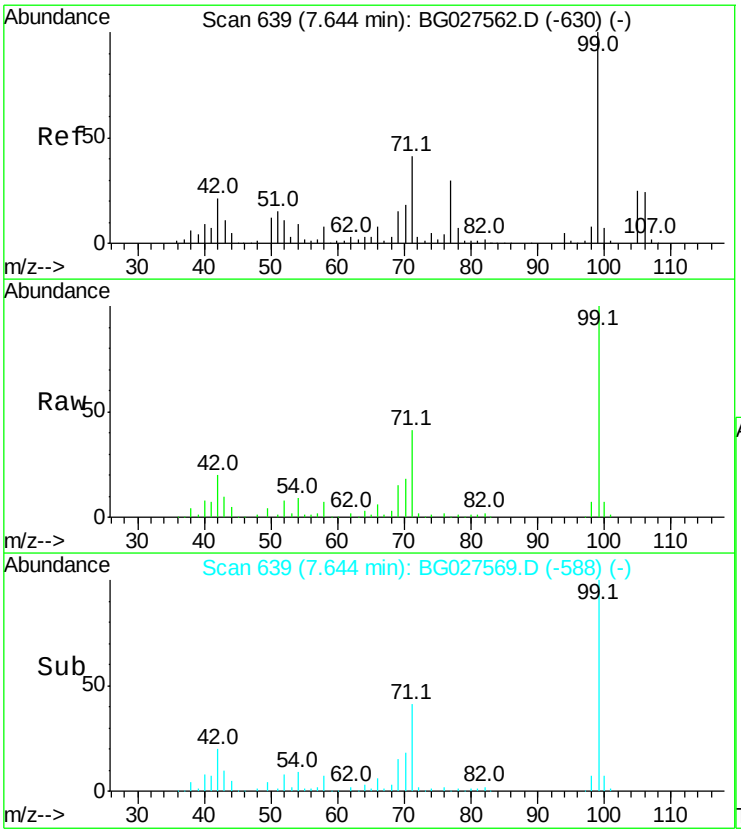
#6
Aniline
Concen: 0.11 ng
RT: 8.03 min Scan# 705
Delta R.T. 0.20 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 314

Ion	Ratio	Lower	Upper
93	100		
66	19627.7	35.4	53.2#
65	1567.3	21.2	31.8#

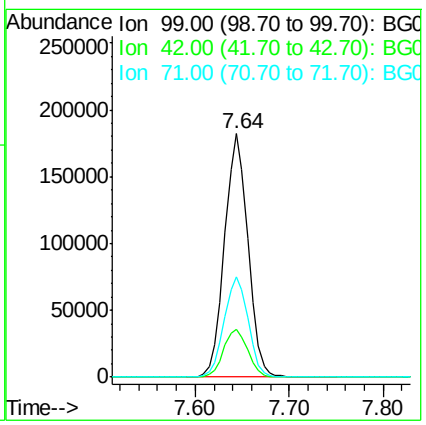


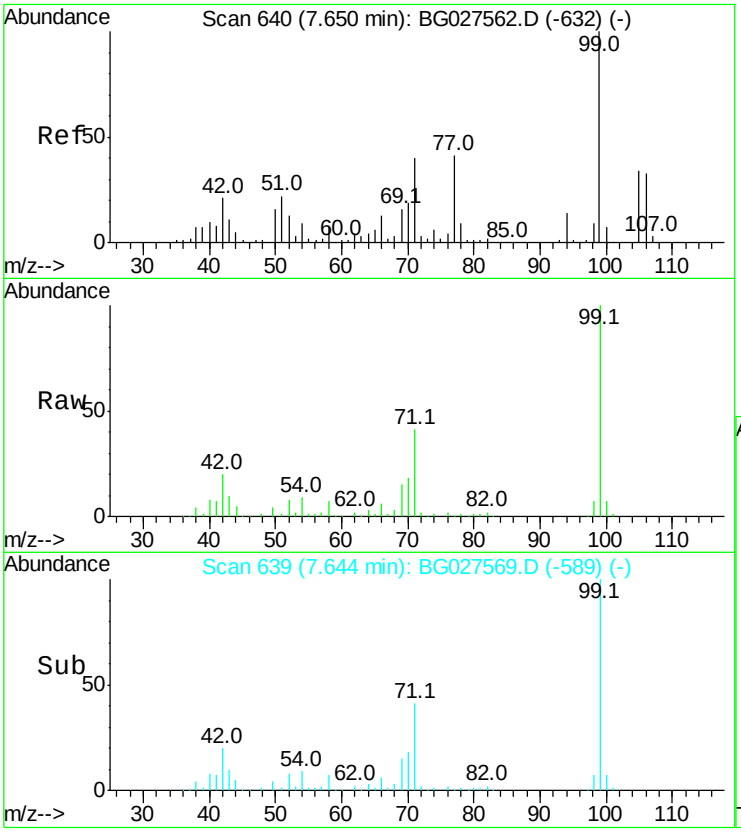


#7
Phenol-d6
Concen: 129.10 ng
RT: 7.64 min Scan# 639
Delta R.T. -0.00 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion: 99 Resp: 315232

Ion	Ratio	Lower	Upper
99	100		
42	19.8	20.5	30.7#
71	41.4	37.6	56.4

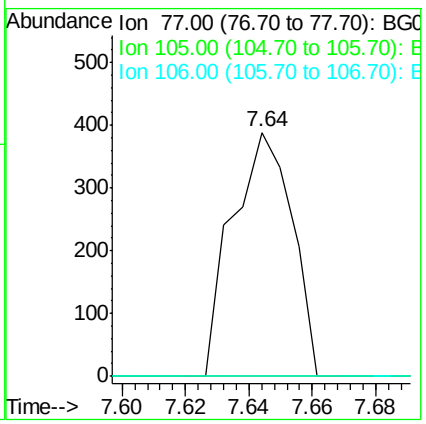




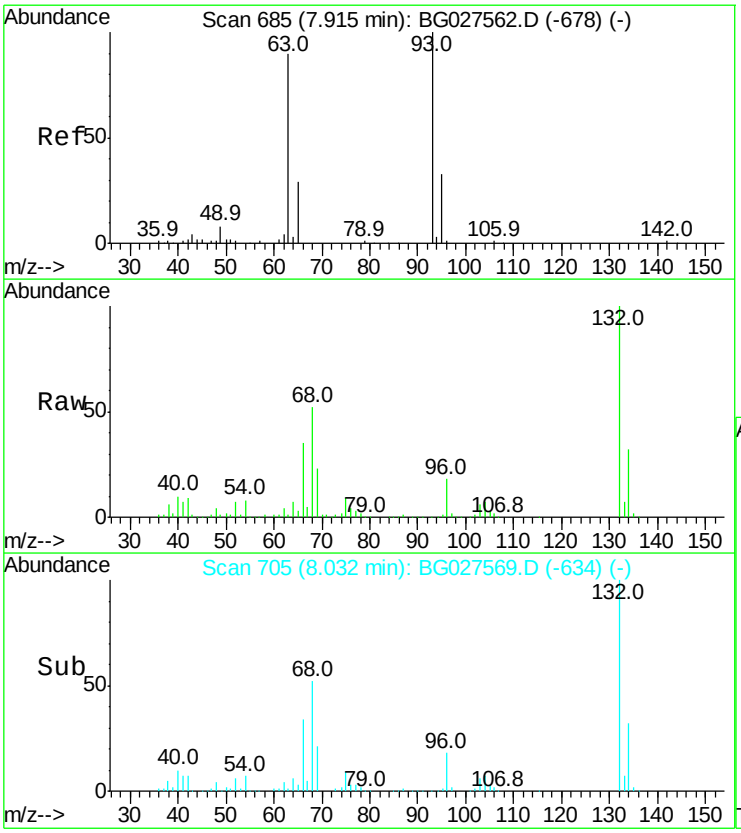
#9
Benzaldehyde
Concen: 0.31 ng
RT: 7.64 min Scan# 639
Delta R.T. -0.01 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion: 77 Resp: 507

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



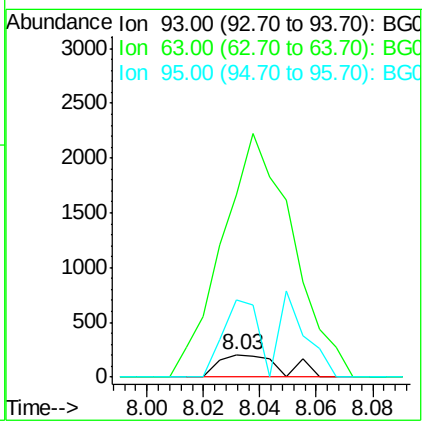
Instrument :
BNA_G
ClientSampleId :

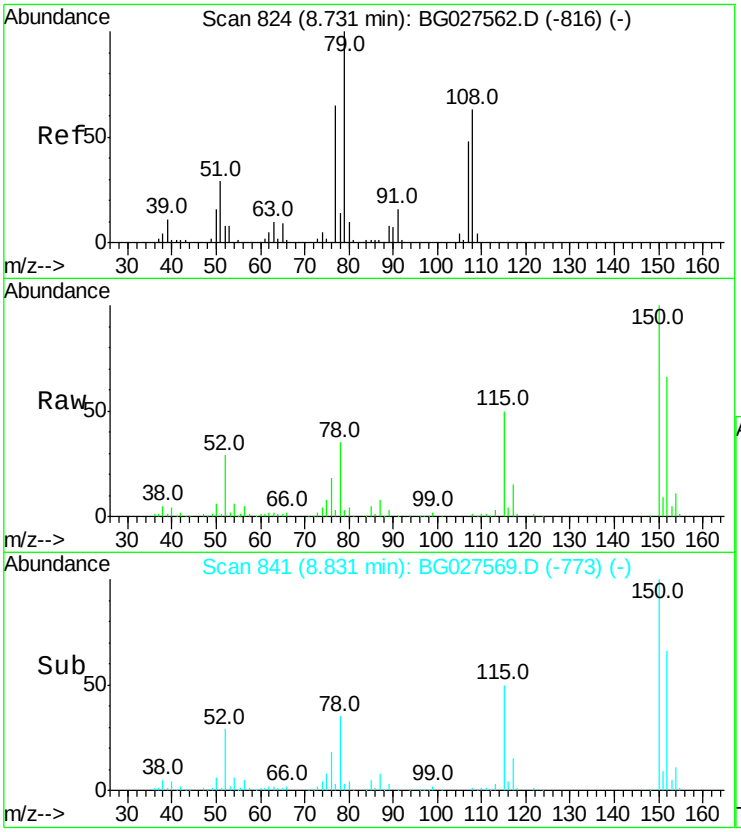


#11
bis(2-Chloroethyl)ether
Concen: 0.16 ng
RT: 8.03 min Scan# 705
Delta R.T. 0.12 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion: 93 Resp: 314

Ion	Ratio	Lower	Upper
93	100		
63	823.3	78.5	118.5#
95	346.5	9.8	49.8#



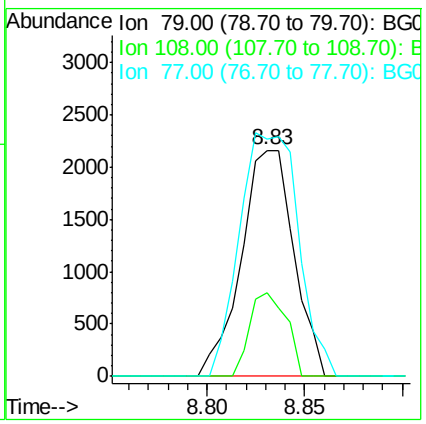


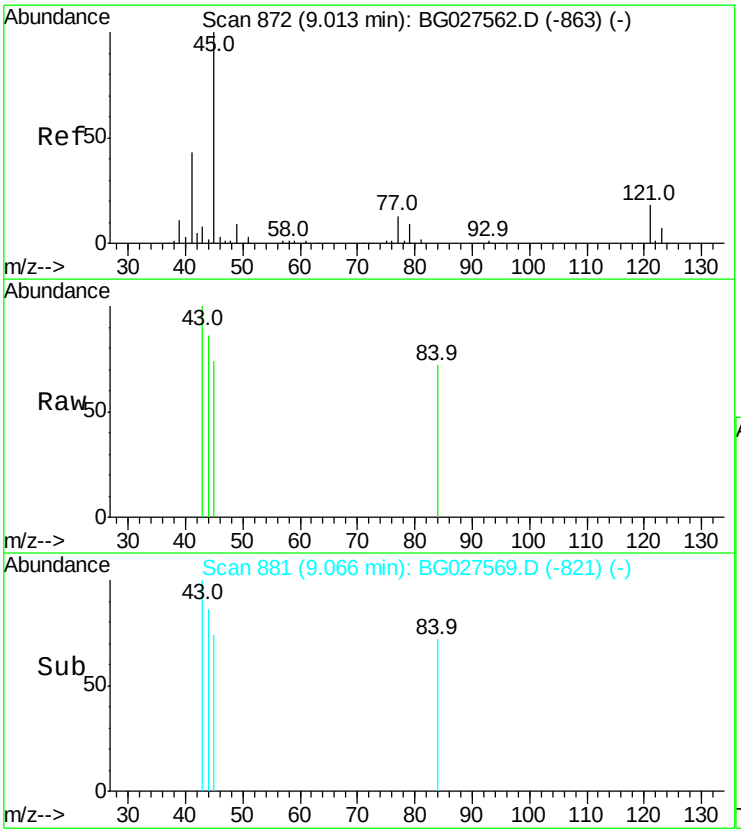
#15
Benzyl Alcohol
Concen: 2.07 ng
RT: 8.83 min Scan# 841
Delta R.T. 0.10 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 4037

Ion	Ratio	Lower	Upper
79	100		
108	37.3	45.5	68.3#
77	104.7	54.3	81.5#

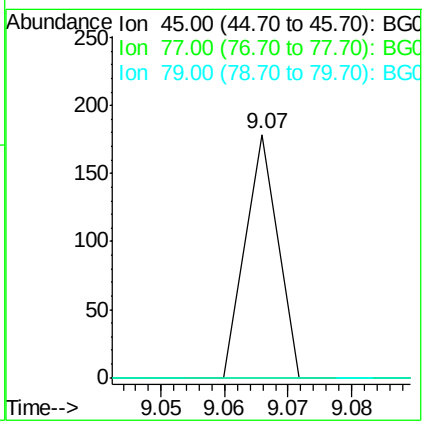


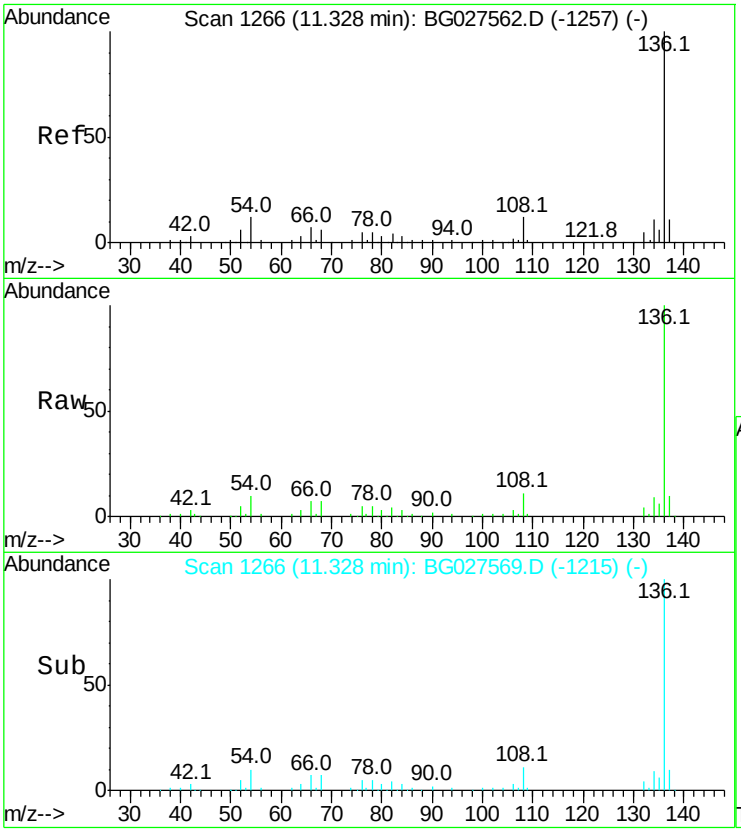


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.02 ng
RT: 9.07 min Scan# 881
Delta R.T. 0.05 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion: 45 Resp: 63

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



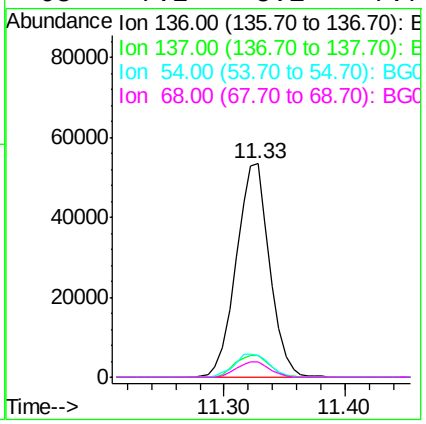


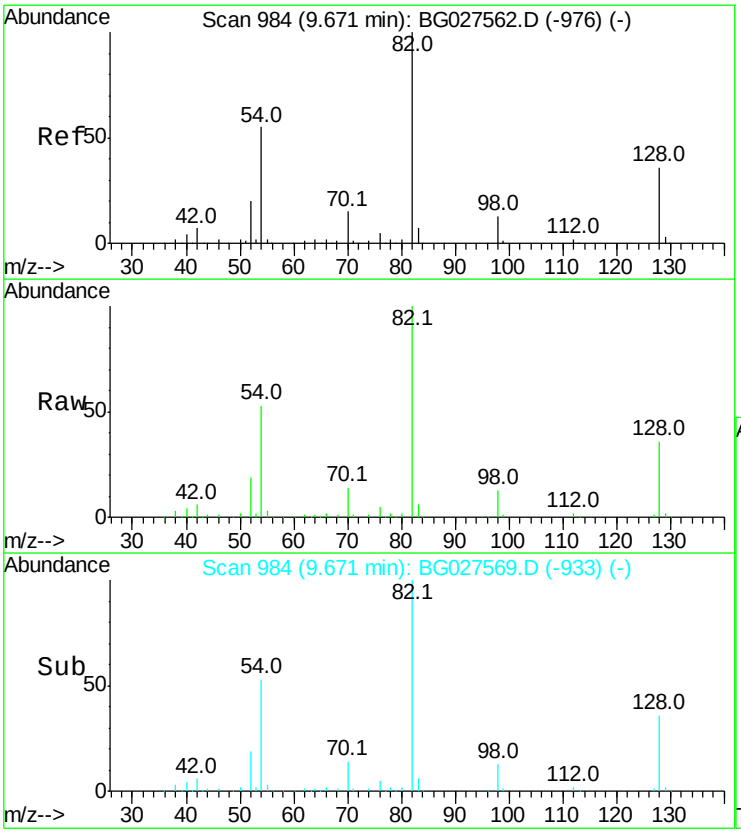
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.33 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 102460

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	10.2	9.3	13.9
68	7.2	5.1	7.7

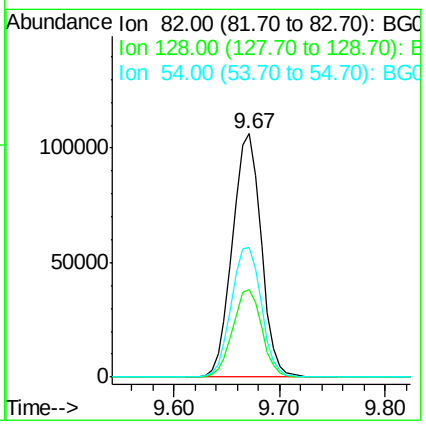


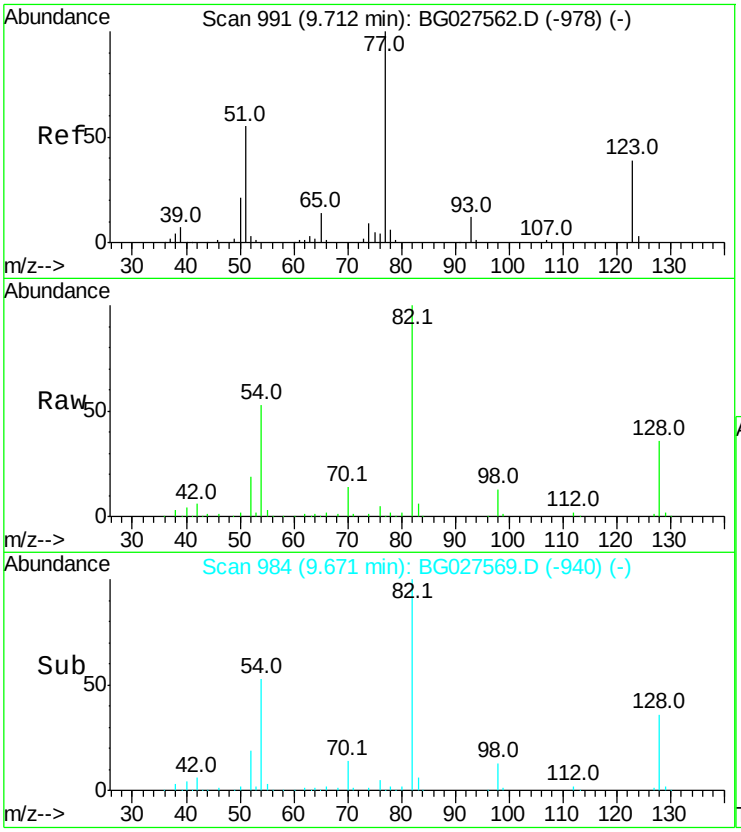


#23
Nitrobenzene-d5
Concen: 92.40 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion: 82 Resp: 200072

Ion	Ratio	Lower	Upper
82	100		
128	35.8	26.4	39.6
54	53.3	49.4	74.2



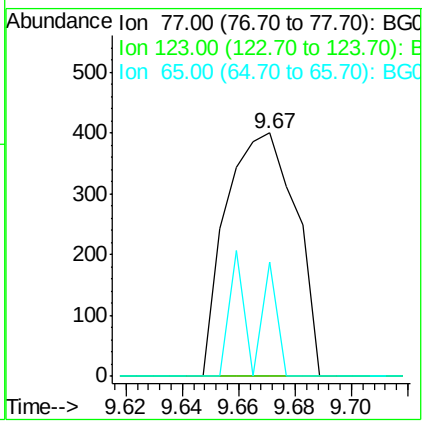


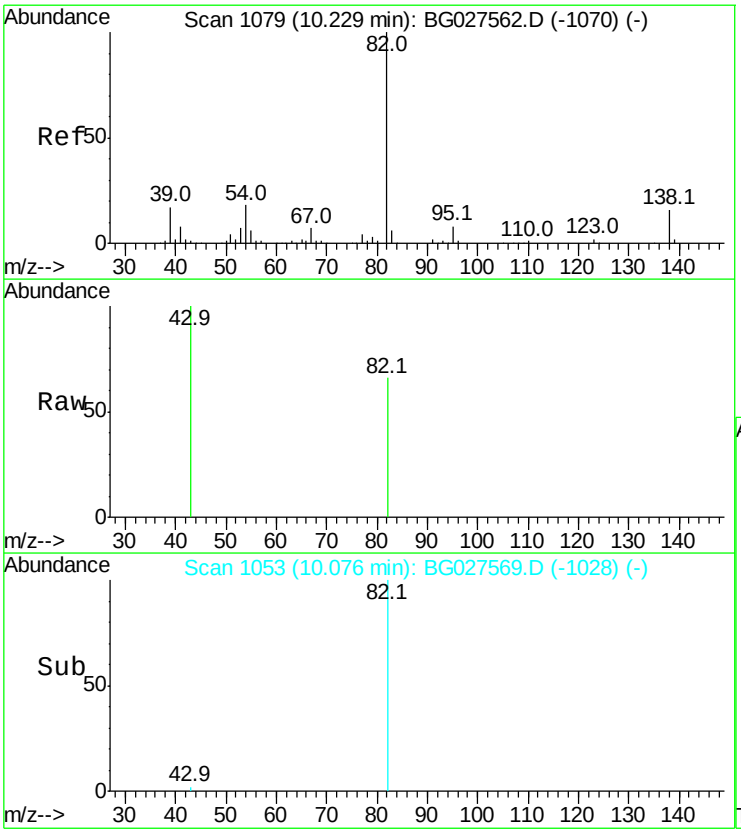
#24
Nitrobenzene
Concen: 0.29 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.04 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 681

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	46.8	12.4	18.6#

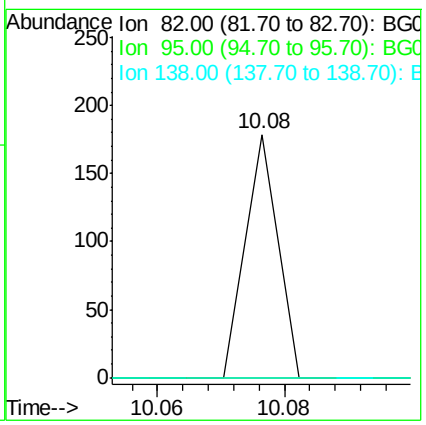


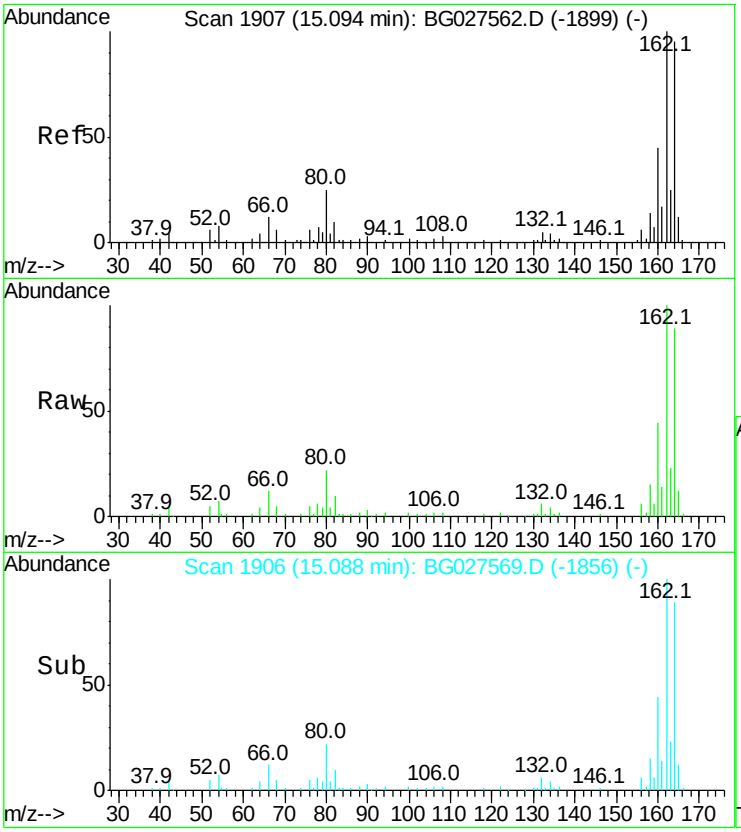


#25
Isophorone
Concen: 0.01 ng
RT: 10.08 min Scan# 1053
Delta R.T. -0.15 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion: 82 Resp: 63

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



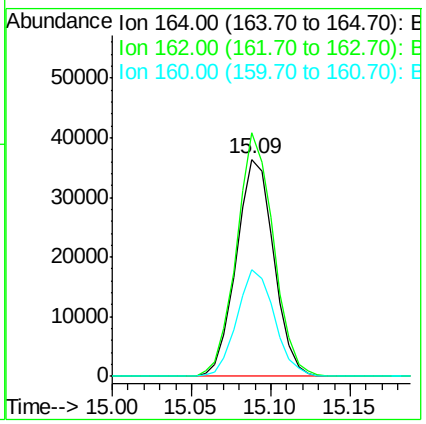


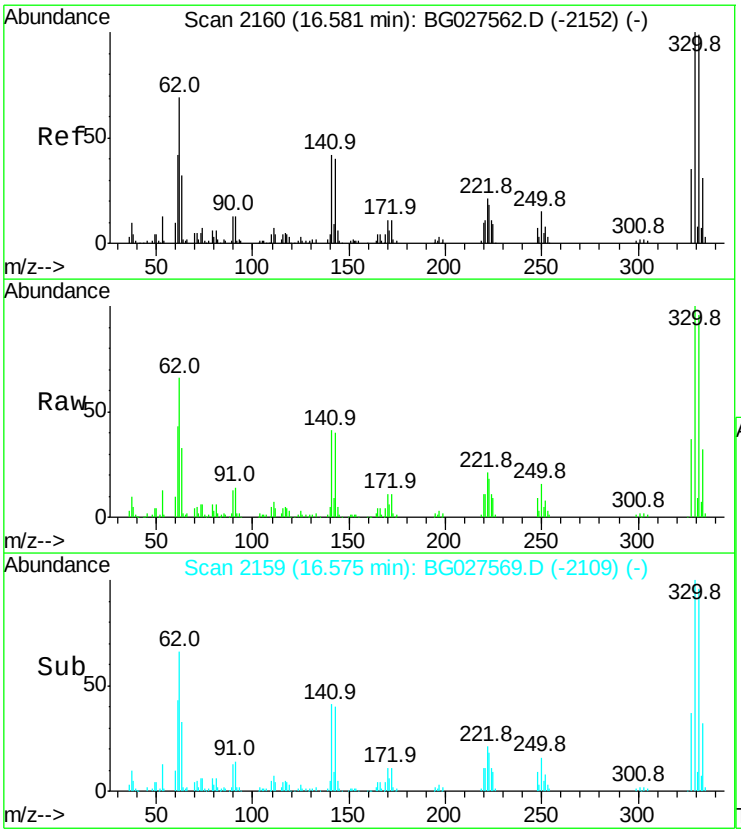
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 59579

Ion	Ratio	Lower	Upper
164	100		
162	112.2	85.1	127.7
160	49.2	34.7	52.1

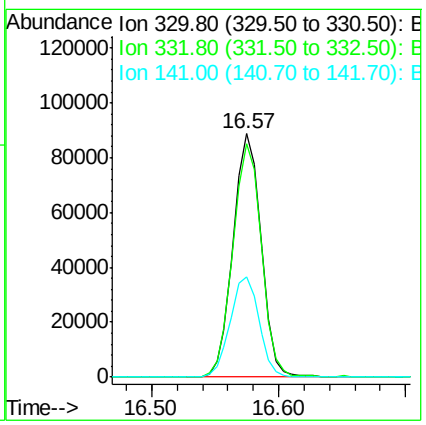


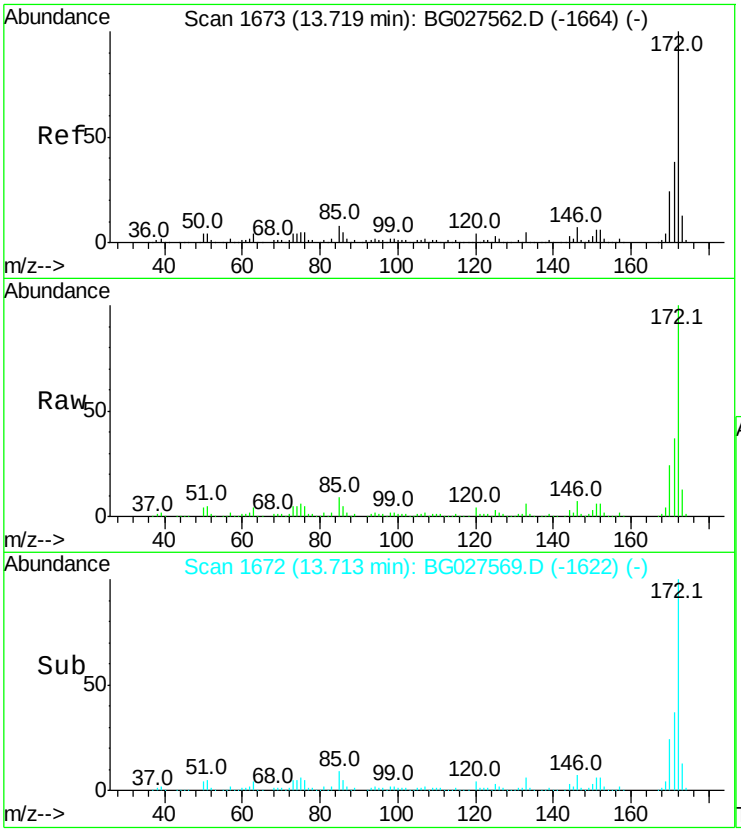


#41
2,4,6-Tribromophenol
Concen: 152.51 ng
RT: 16.57 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion:330 Resp: 135463

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	42.5	32.1	48.1



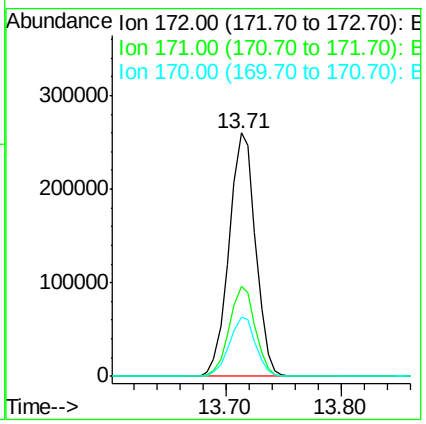


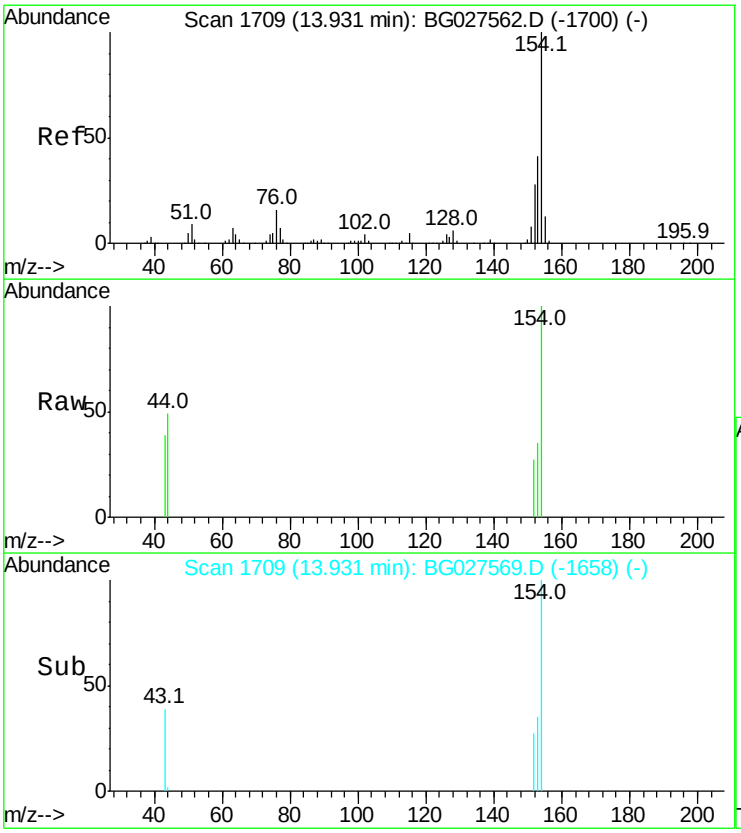
#44
2-Fluorobiphenyl
Concen: 94.42 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 411833

Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	24.2	21.8	32.6

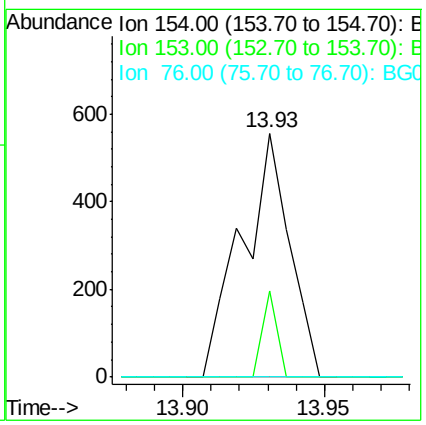


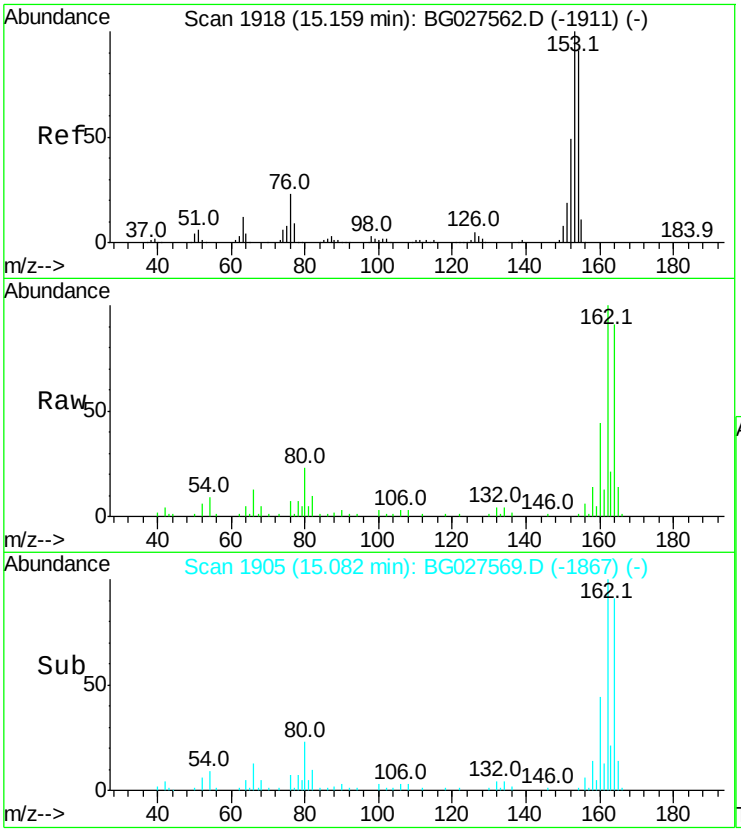


#45
1,1'-Biphenyl
Concen: 0.13 ng
RT: 13.93 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion:154 Resp: 653

Ion	Ratio	Lower	Upper
154	100		
153	35.1	23.0	63.0
76	0.0	0.0	33.5



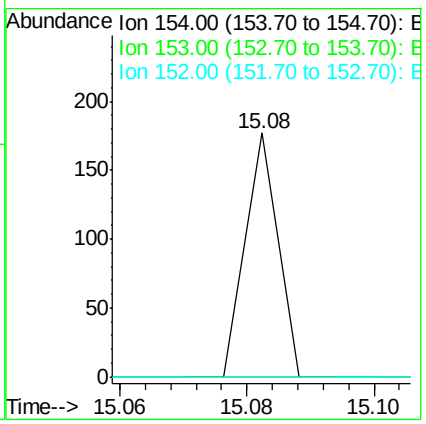


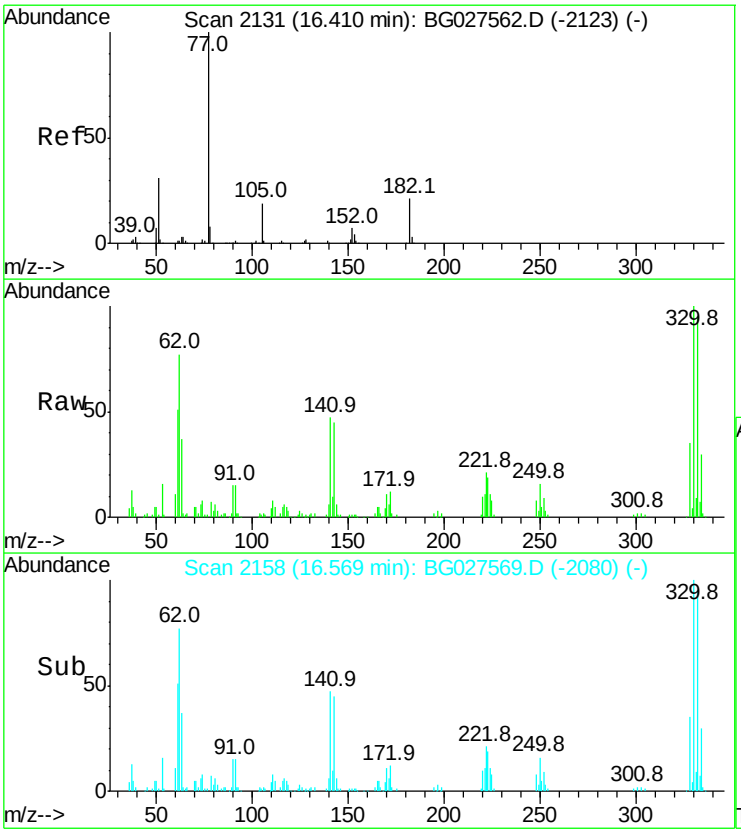
#51
Acenaphthene
Concen: 0.01 ng
RT: 15.08 min Scan# 1905
Delta R.T. -0.08 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 62

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

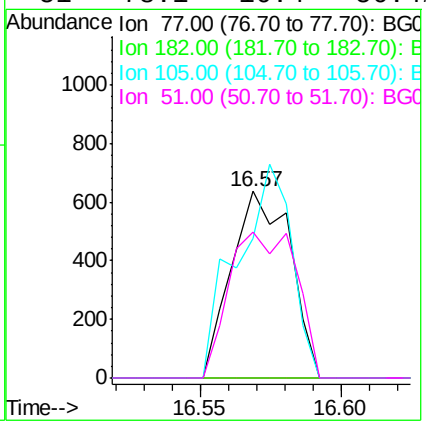


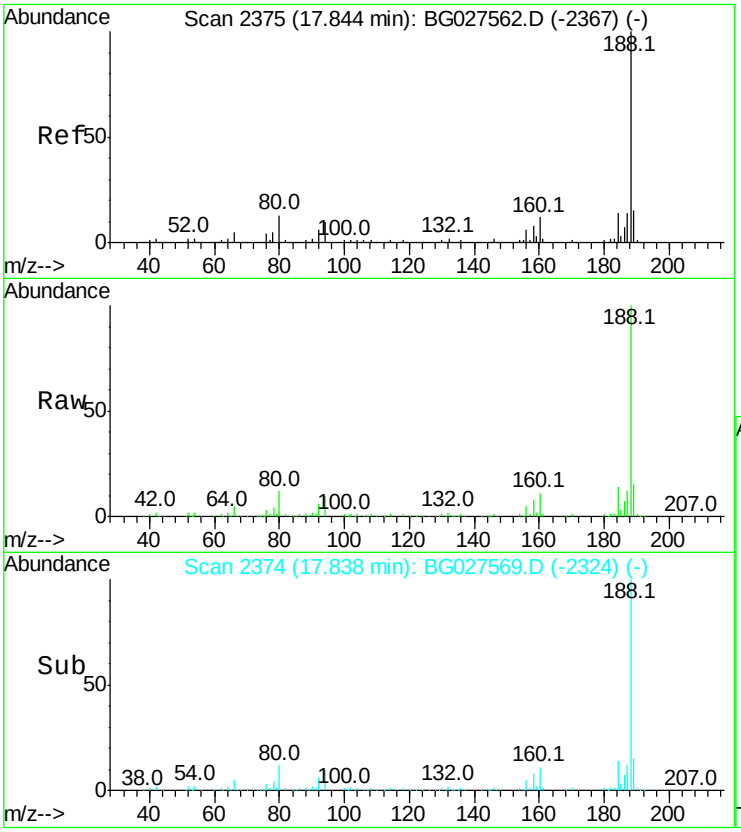


#62
Azobenzene
Concen: 0.16 ng
RT: 16.57 min Scan# 2158
Delta R.T. 0.16 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion: 77 Resp: 915

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.7	44.7#
105	74.8	0.0	36.3#
51	78.1	16.4	56.4#



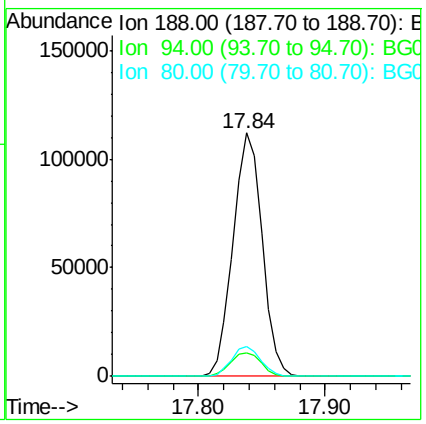


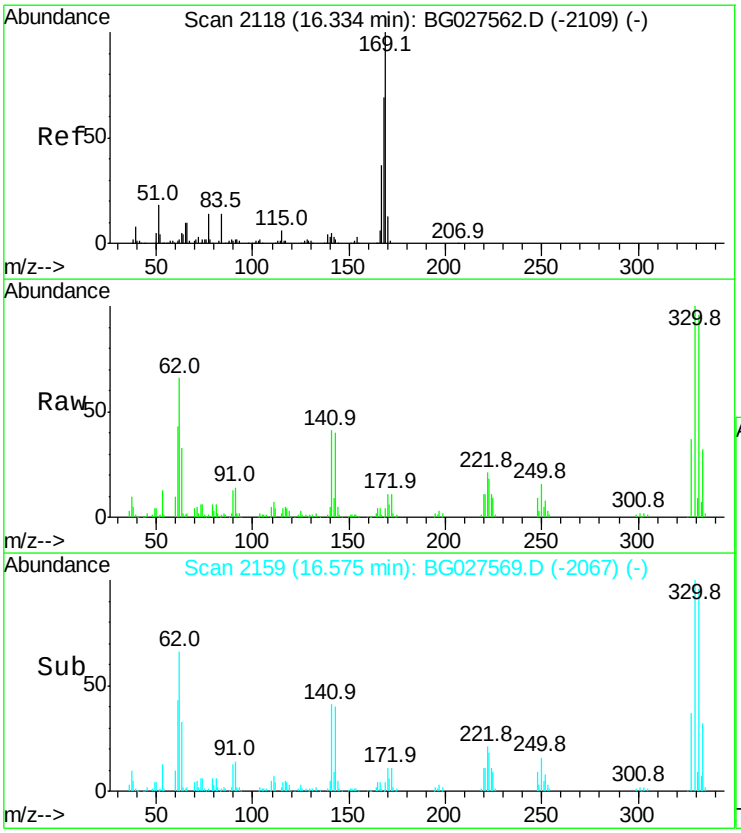
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 178812

Ion	Ratio	Lower	Upper
188	100		
94	9.5	5.8	8.8#
80	12.3	7.5	11.3#

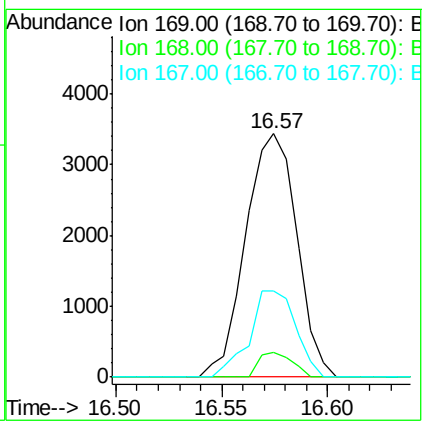


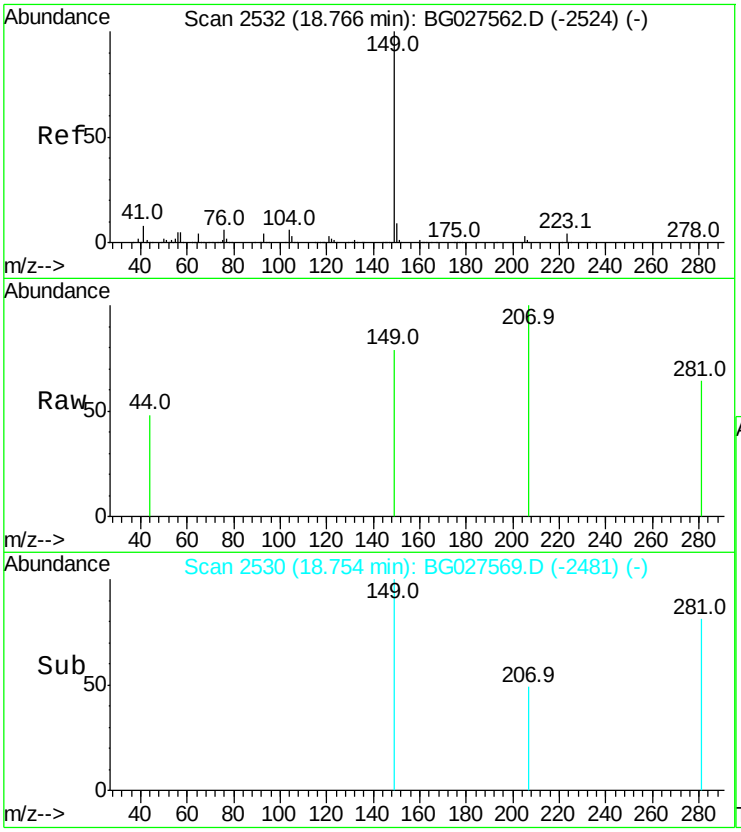


#65
n-Nitrosodiphenylamine
Concen: 1.06 ng
RT: 16.57 min Scan# 2159
Delta R.T. 0.24 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion:169 Resp: 5785

Ion	Ratio	Lower	Upper
169	100		
168	10.2	55.7	83.5#
167	35.6	29.8	44.6



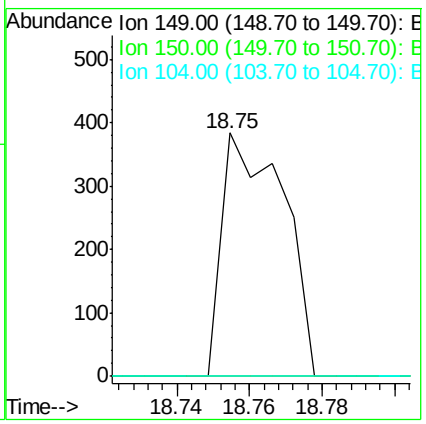


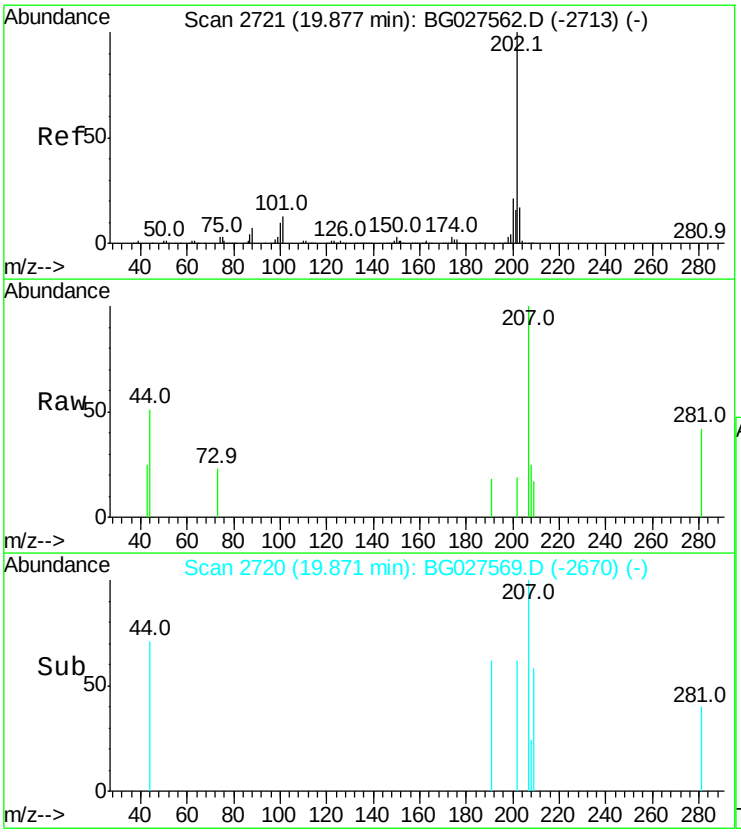
#73
Di-n-butylphthalate
Concen: 0.04 ng
RT: 18.75 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 452

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

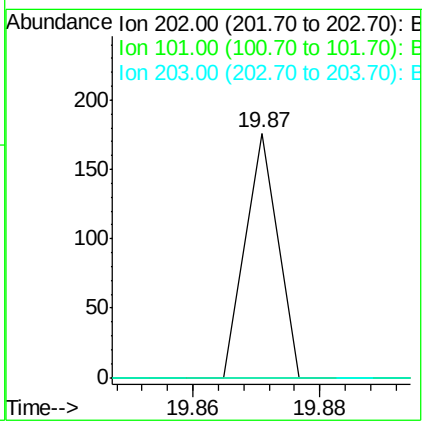


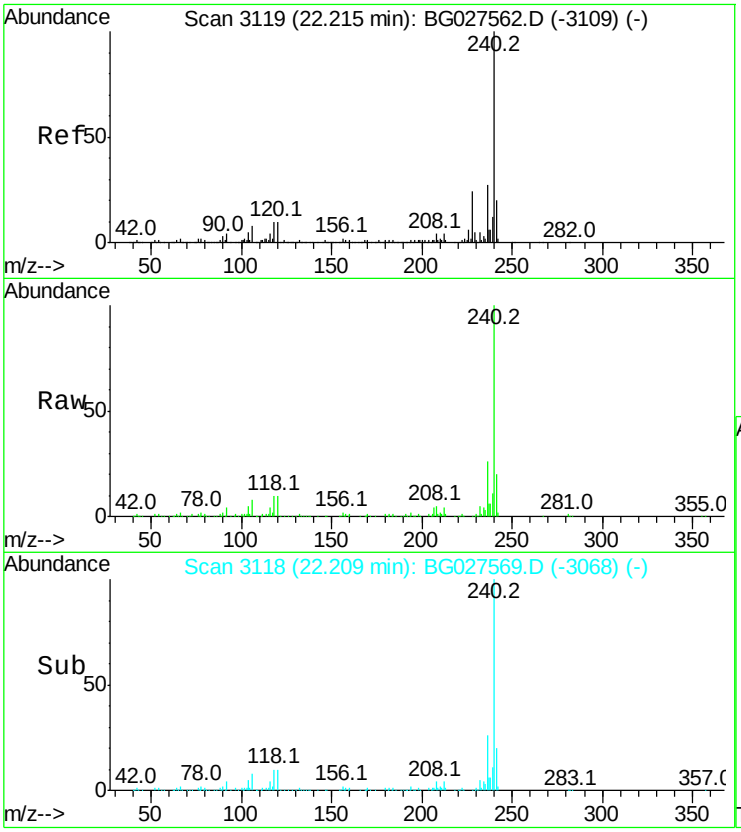


#74
Fluoranthene
Concen: 0.01 ng
RT: 19.87 min Scan# 2720
Delta R.T. -0.01 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion:202 Resp: 62

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.1
203	0.0	1.3	41.3#



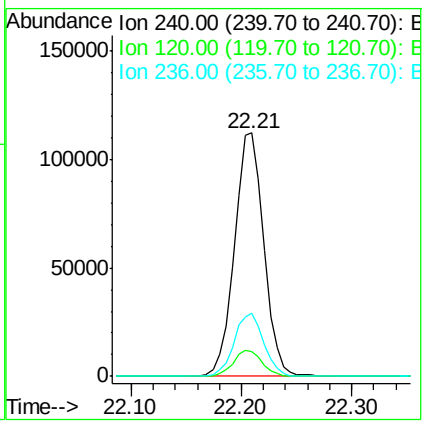


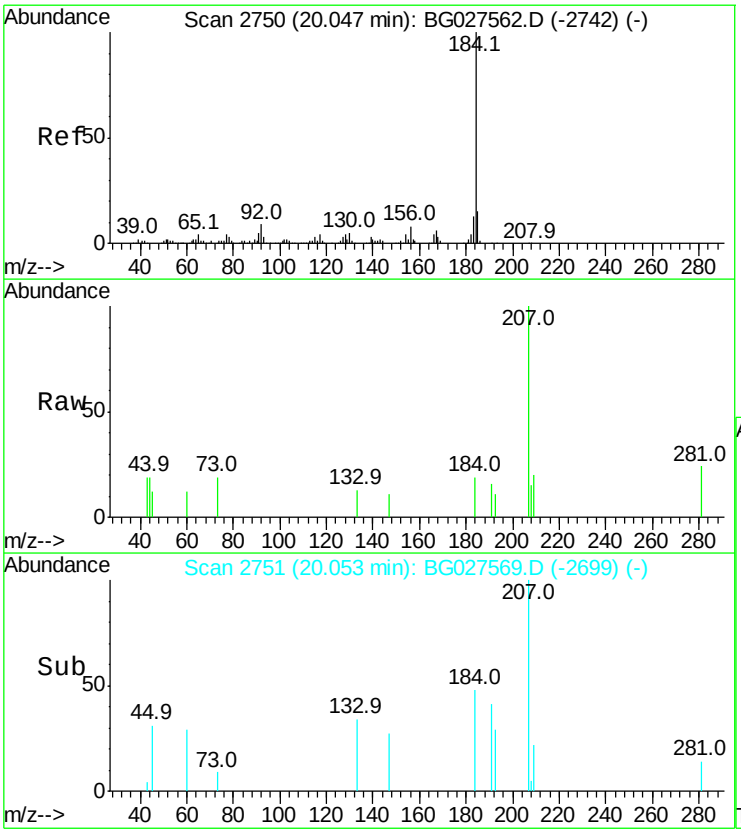
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.21 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 209435

Ion	Ratio	Lower	Upper
240	100		
120	10.1	5.7	8.5#
236	26.0	22.2	33.4

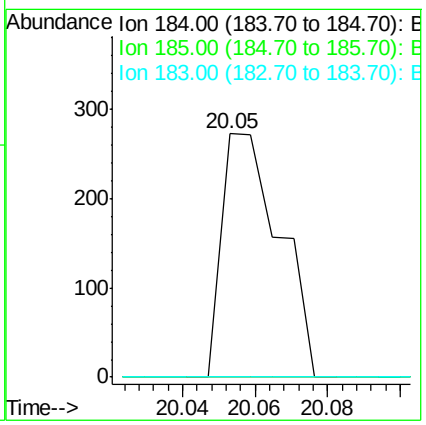


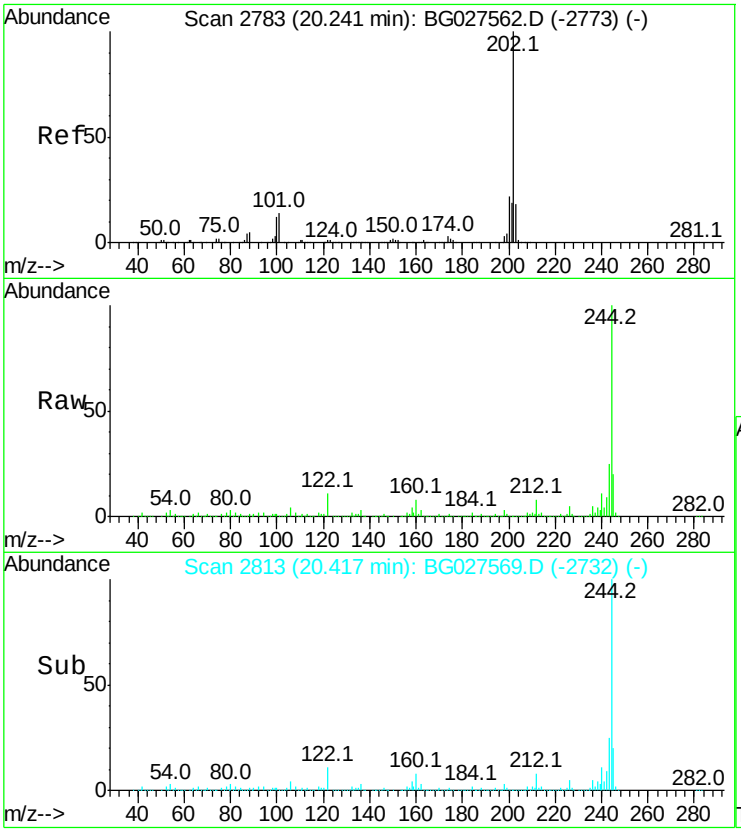


#76
Benzidine
Concen: 0.06 ng
RT: 20.05 min Scan# 2751
Delta R.T. 0.01 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion:184 Resp: 302

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



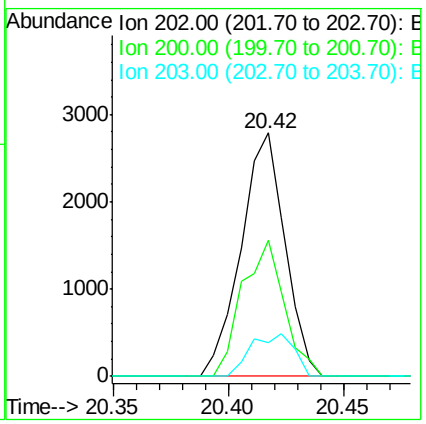


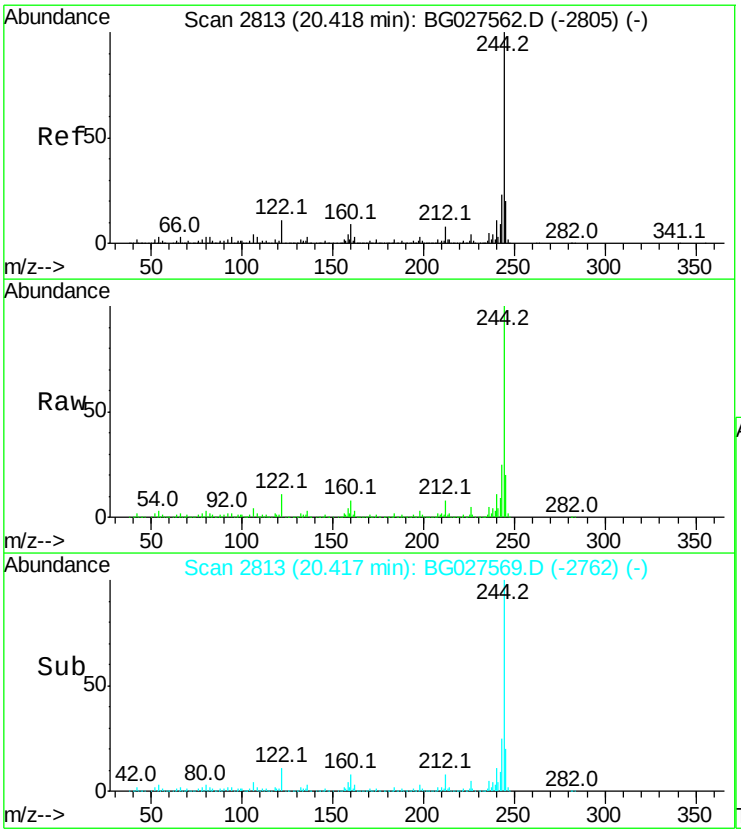
#77
Pyrene
Concen: 0.29 ng
RT: 20.42 min Scan# 2813
Delta R.T. 0.18 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 3697

Ion	Ratio	Lower	Upper
202	100		
200	55.7	19.6	29.4#
203	13.8	15.8	23.8#

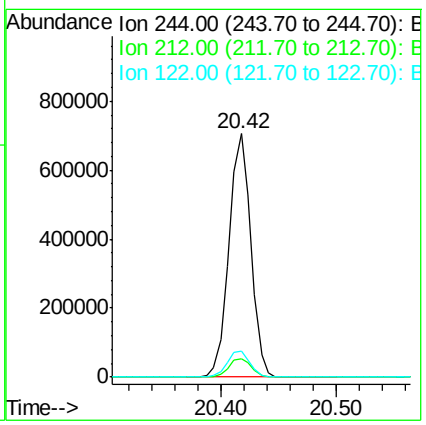


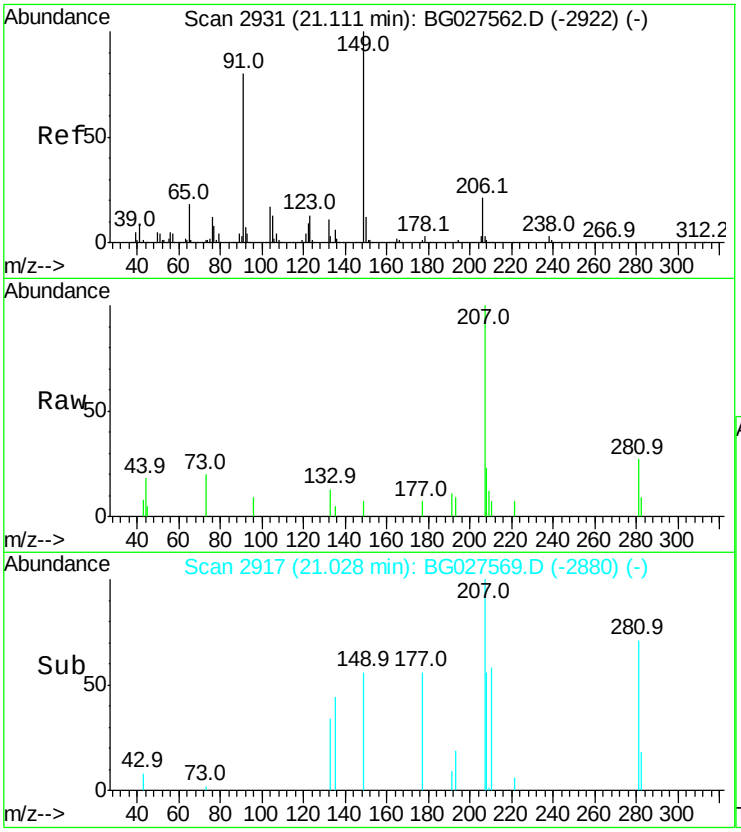


#78
Terphenyl-d14
Concen: 103.55 ng
RT: 20.42 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion:244 Resp: 920461

Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	10.8	8.6	12.8



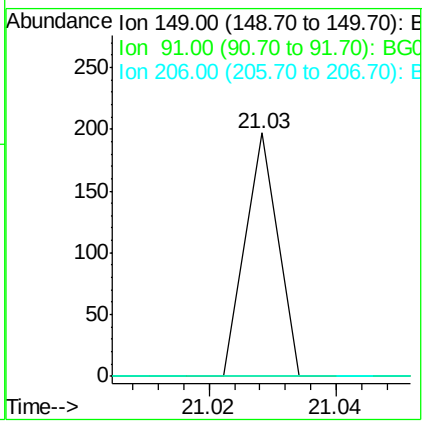


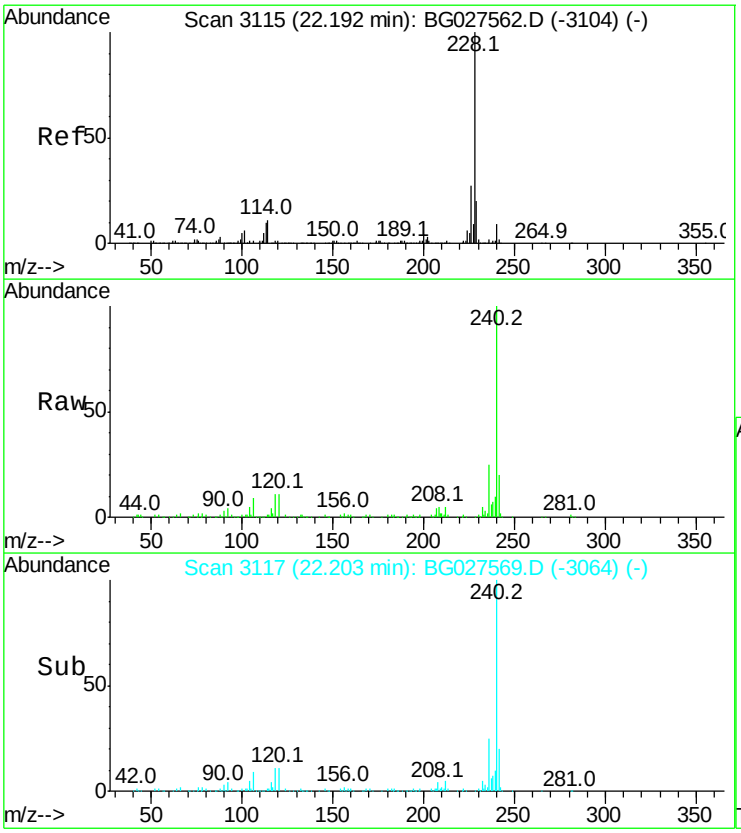
#79
Butylbenzylphthalate
Concen: 0.01 ng
RT: 21.03 min Scan# 2917
Delta R.T. -0.08 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 69

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

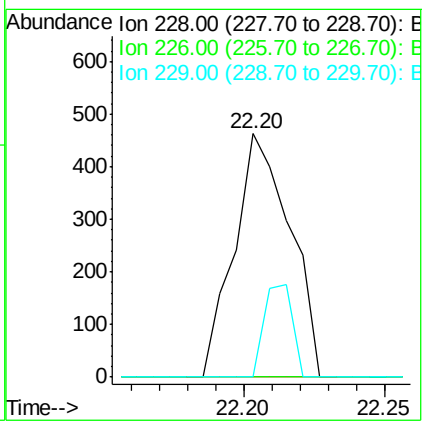


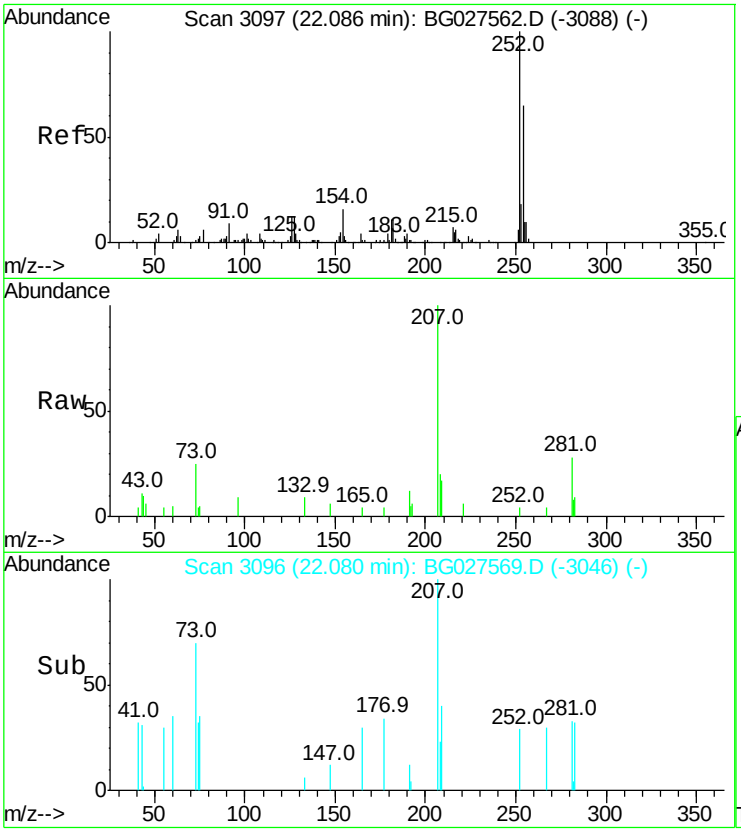


#80
Benzo(a)anthracene
Concen: 0.05 ng
RT: 22.20 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion:228 Resp: 632

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



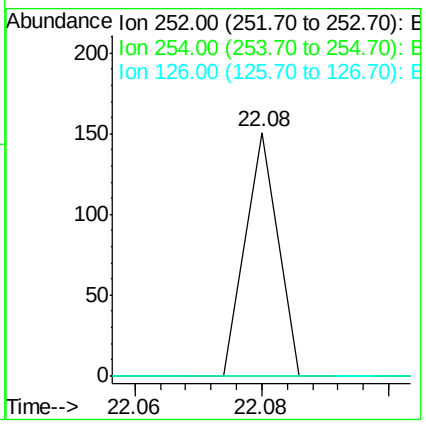


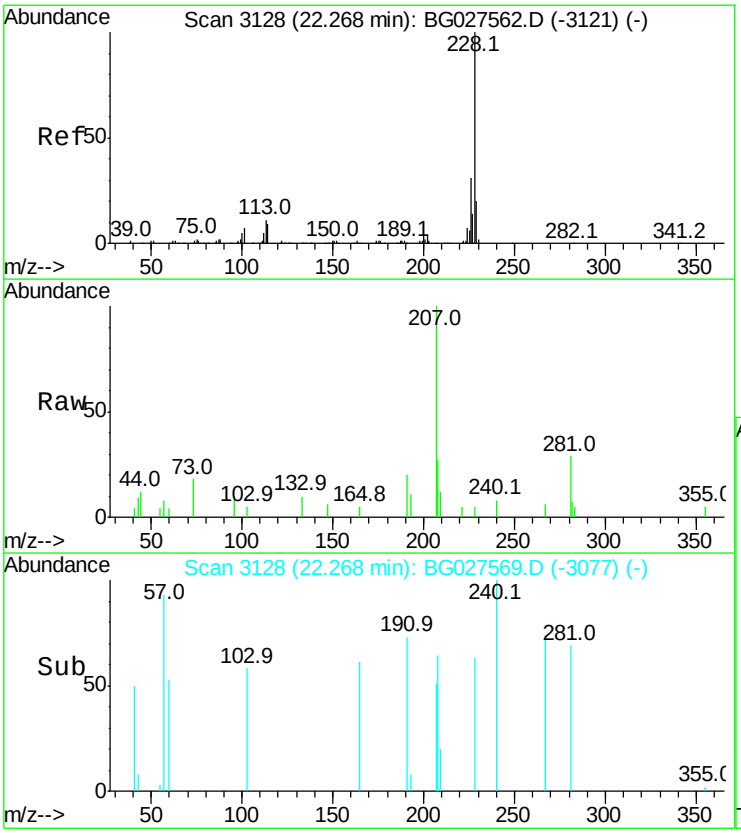
#81
3,3'-Dichlorobenzidine
Concen: 0.01 ng
RT: 22.08 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 53

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

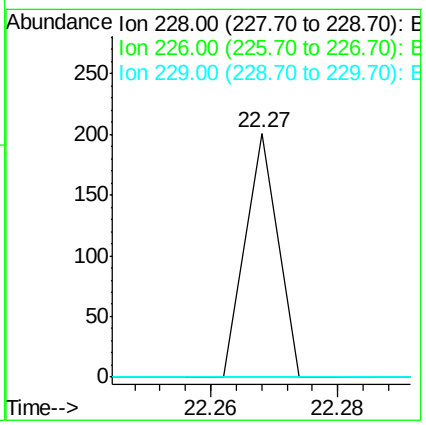


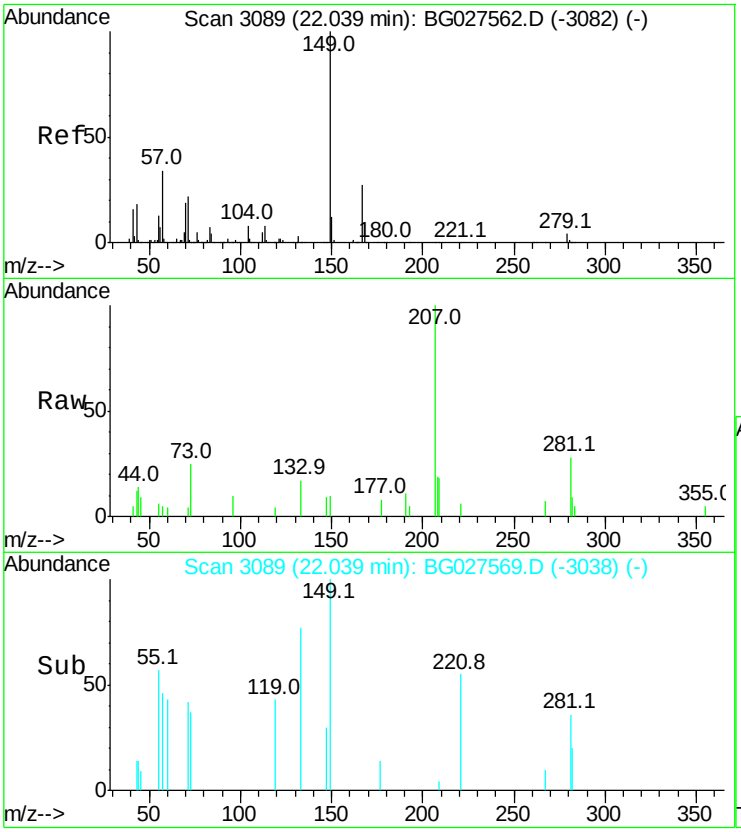


#82
Chrysene
Concen: 0.01 ng
RT: 22.27 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion:228 Resp: 71

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



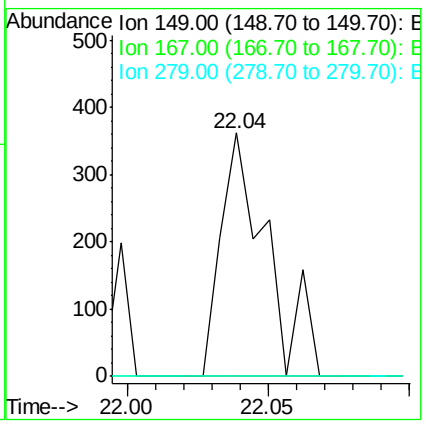


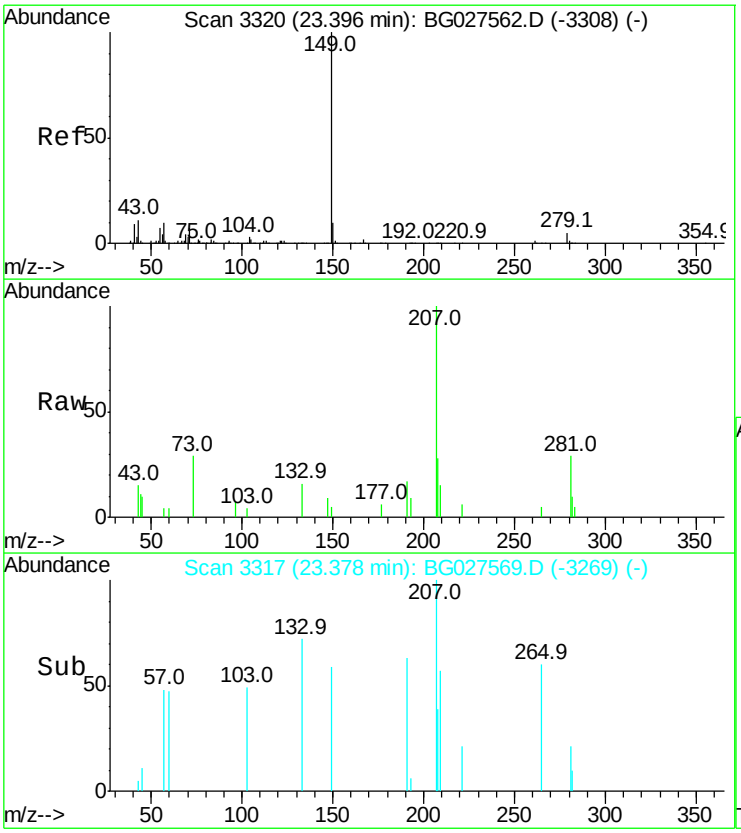
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 22.04 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 410

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

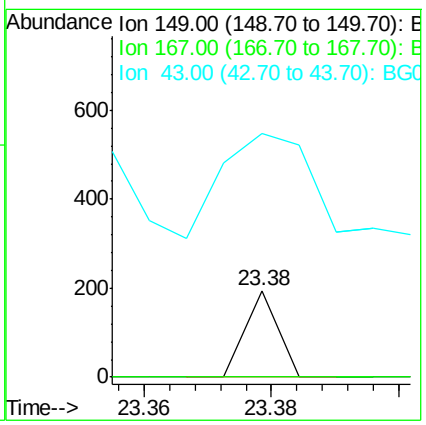


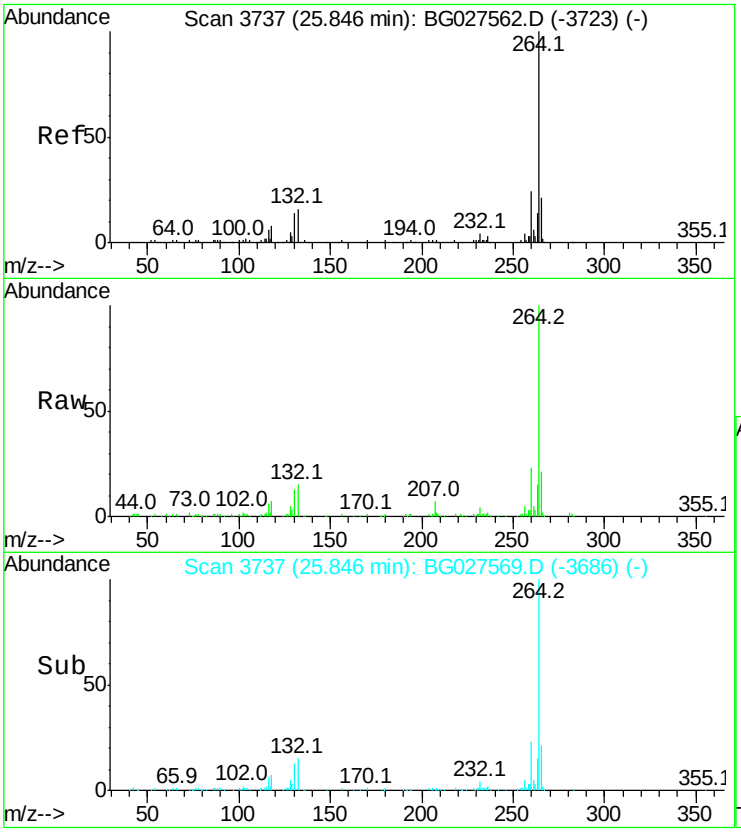


#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 23.38 min Scan# 3317
Delta R.T. -0.02 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion:149 Resp: 69

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.2#
43	334.8	11.8	17.6#



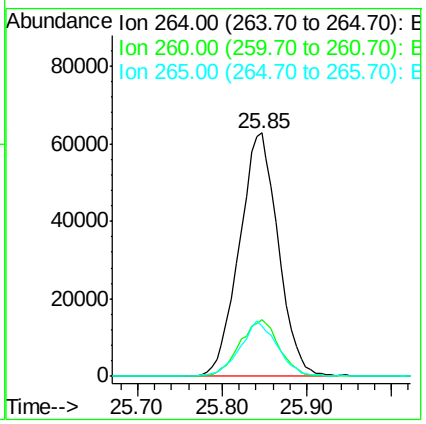


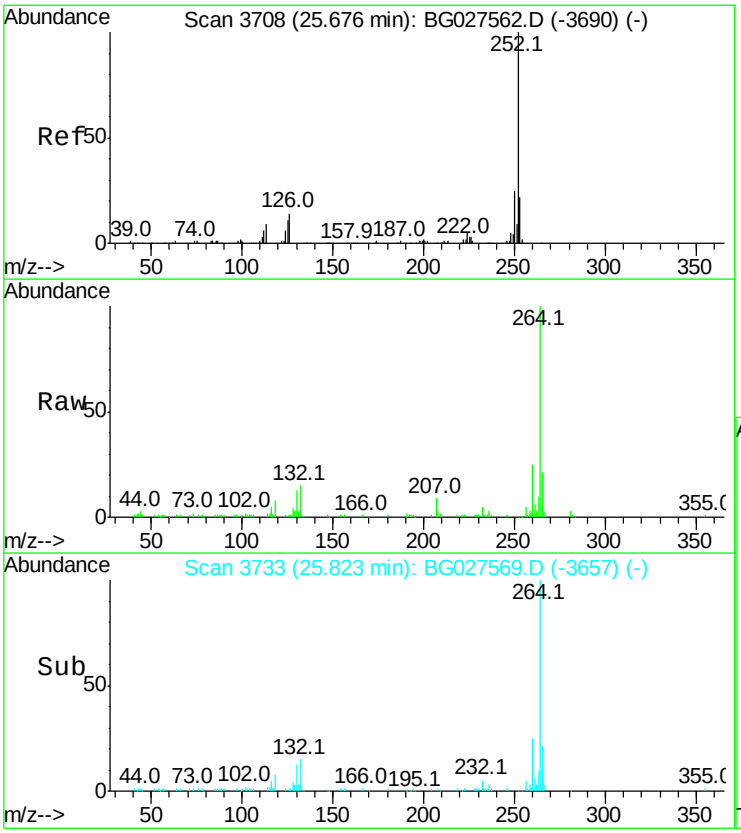
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.85 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 200480

Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	20.6	18.2	27.4





#89
Benzo(a)pyrene
Concen: 0.00 ng
RT: 25.82 min Scan# 3733
Delta R.T. 0.15 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion:252 Resp: 58

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