Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
Data File : BG027269.D
Acq On : 7 Jun 2017 4:00
Operator : SJ/MA
Sample : I3393-01DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-01DL

Quant Time: Jun 07 05:21:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	60571	20.00	ng		-0.01
21) Naphthalene-d8	11.39	136	295028	20.00	ng		-0.01
38) Acenaphthene-d10	15.15	164	185672	20.00	ng		-0.01
63) Phenanthrene-d10	17.90	188	398097	20.00	ng		-0.02
75) Chrysene-d12	22.28	240	422054	20.00	ng		-0.03
86) Perylene-d12	25.97	264	396308	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	162759	41.00	ng		0.00
7) Phenol-d6	7.70	99	152450	26.16	ng		0.00
23) Nitrobenzene-d5	9.73	82	260644	55.56	ng		-0.01
41) 2,4,6-Tribromophenol	16.63	330	180101	73.66	ng		-0.02
44) 2-Fluorobiphenyl	13.77	172	622067	46.87	ng		-0.02
78) Terphenyl-d14	20.47	244	716448	43.30	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.42	88	10659	6.48	ng	#	1
4) n-Nitrosodimethylamine	4.42	42	26491	14.10	ng	#	20
10) Phenol	7.72	94	29319	4.92	ng		79
15) Benzyl Alcohol	8.79	79	13972	3.40	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	9.21	45	78232	11.19	ng		79
19) n-Nitroso-di-n-propylamine	9.21	70	58980	14.47	ng	#	55
20) 3+4-Methylphenols	9.29	107	315027	53.99	ng		80
27) 2,4-Dimethylphenol	10.66	122	176600	37.23	ng	#	1
32) Benzoic acid	10.66	122	176600	52.86	ng	#	84
47) 2-Nitroaniline	14.27	65	744	7.03	ng	#	44
49) Dimethylphthalate	14.58	163	51098	3.47	ng		99
50) 2,6-Dinitrotoluene	14.58	165	401	5.73	ng	#	1
52) 3-Nitroaniline	14.81	138	452	5.84	ng	#	7
55) 4-Nitrophenol	15.28	139	1616	6.66	ng	#	4
56) 2,4-Dinitrotoluene	15.70	165	62	7.00	ng	#	16
61) 4-Nitroaniline	16.40	138	208	5.95	ng	#	17

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
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Acq On : 7 Jun 2017 4:00
Operator : SJ/MA
Sample : I3393-01DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-01DL

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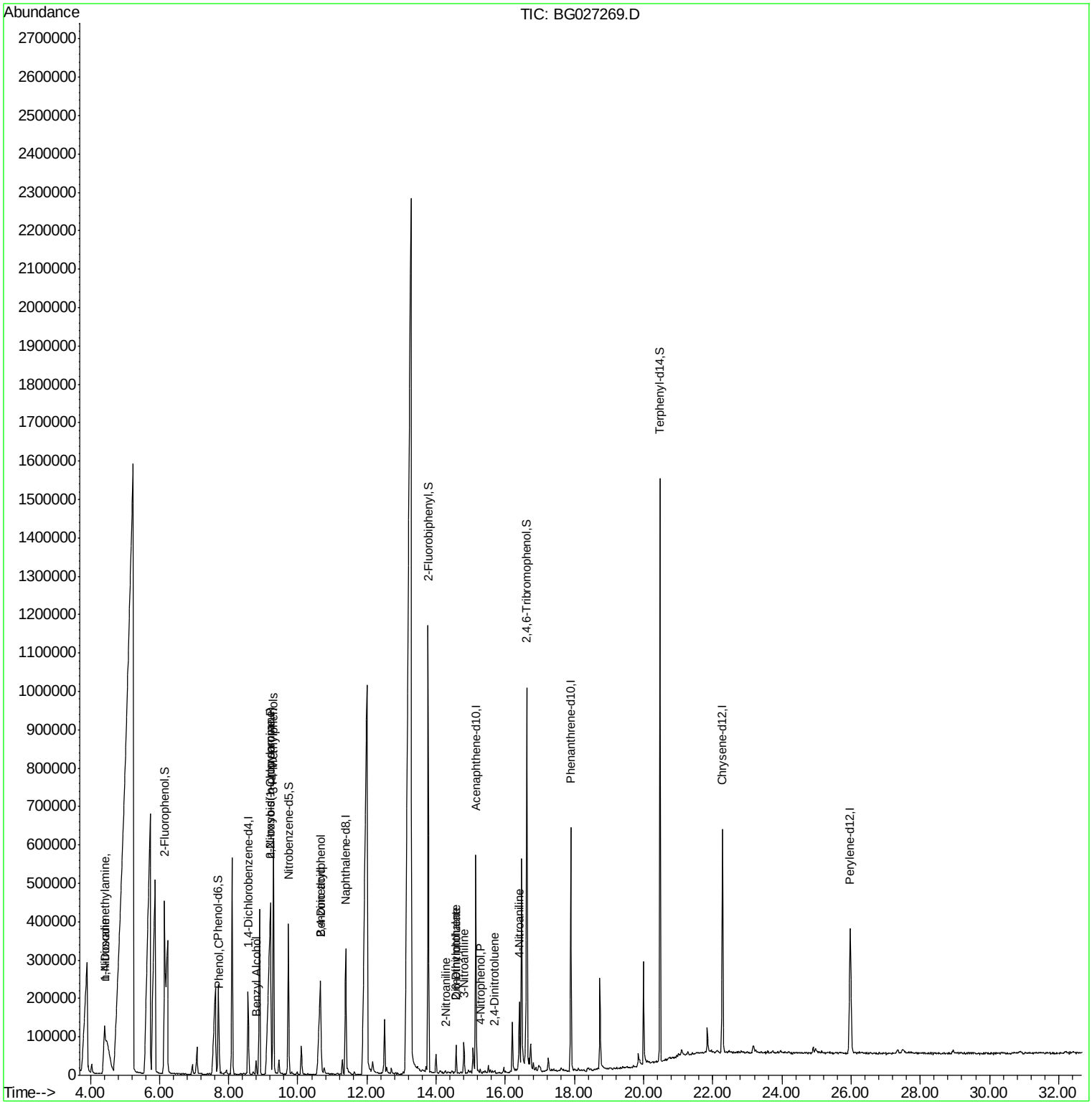
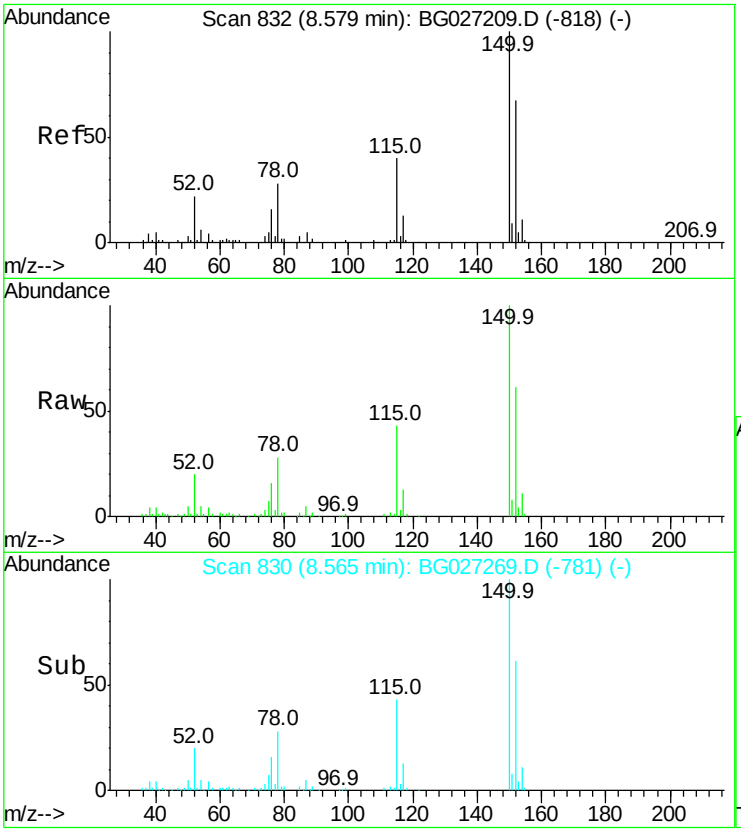


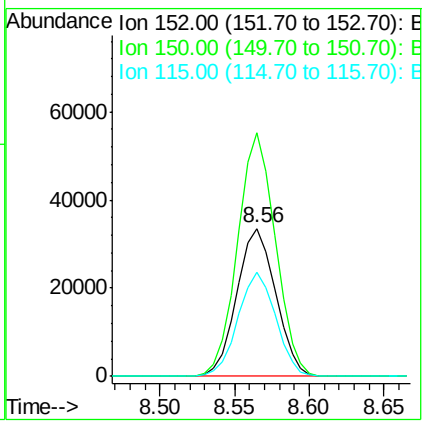


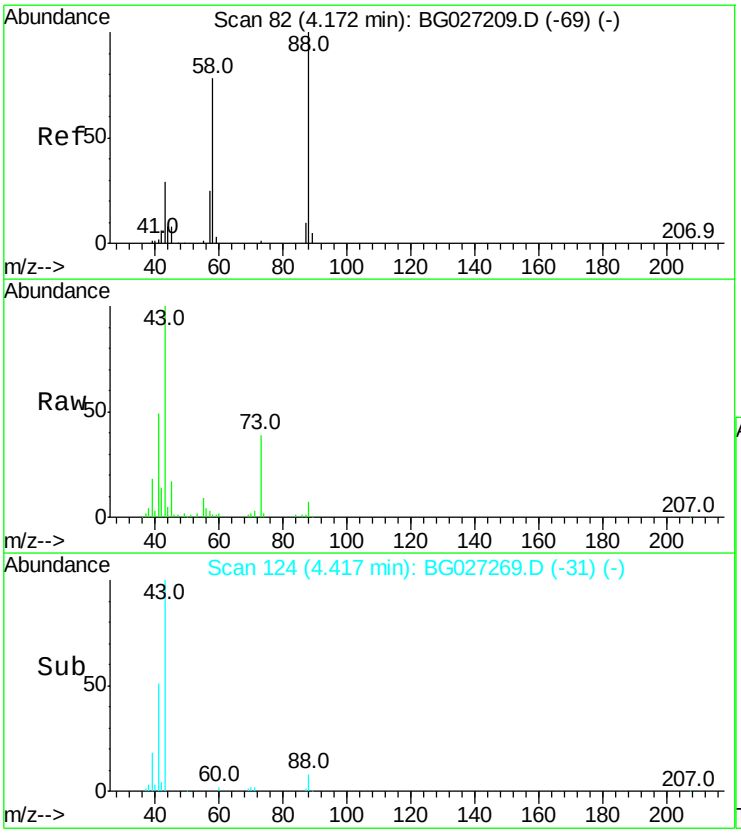
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Instrument :
BNA_G
ClientSampleId :
TW-01DL

Tgt Ion:152 Resp: 60571

Ion	Ratio	Lower	Upper
152	100		
150	164.7	114.0	171.0
115	70.8	48.1	72.1

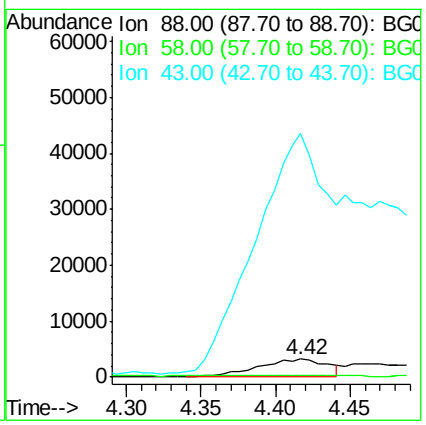


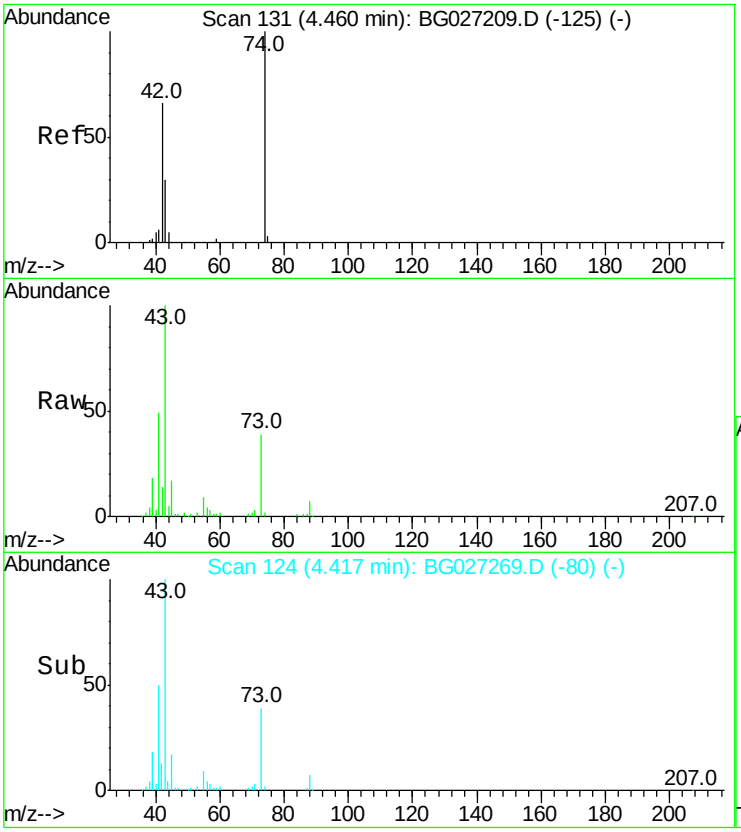


#2
1,4-Dioxane
Concen: 6.48 ng
RT: 4.42 min Scan# 124
Delta R.T. 0.24 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Tgt Ion: 88 Resp: 10659

Ion	Ratio	Lower	Upper
88	100		
58	1.3	79.4	119.2#
43	1362.7	33.8	50.6#



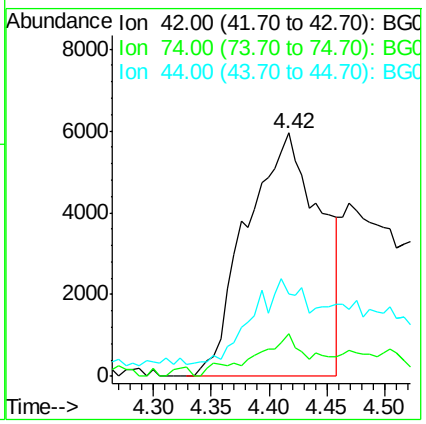


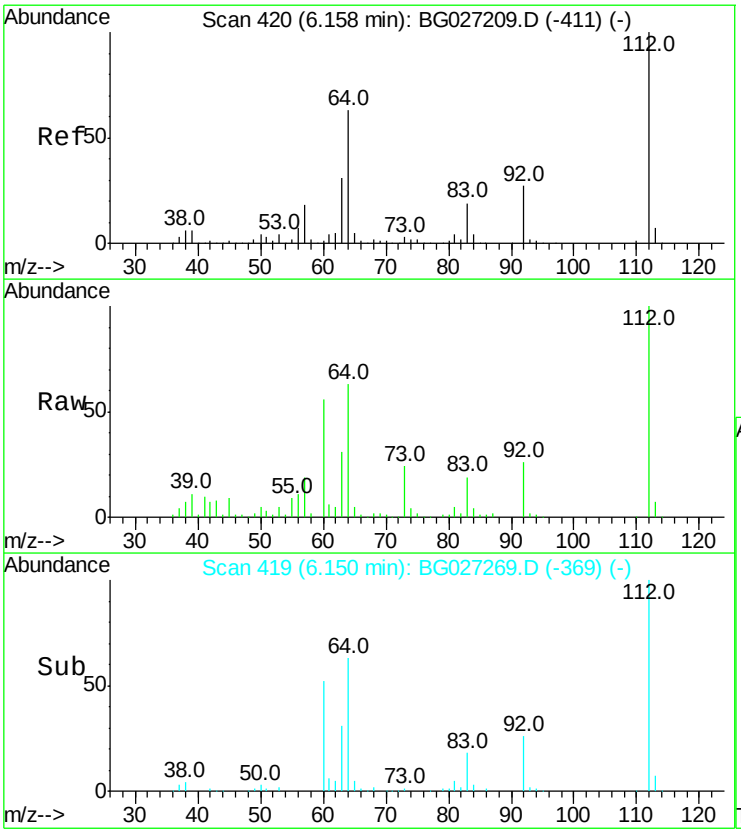
#4
n-Nitrosodimethylamine
Concen: 14.10 ng
RT: 4.42 min Scan# 124
Delta R.T. -0.04 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Instrument :
BNA_G
ClientSampleId :
TW-01DL

Tgt Ion: 42 Resp: 26491

Ion	Ratio	Lower	Upper
42	100		
74	17.4	76.7	115.1#
44	33.8	6.1	9.1#

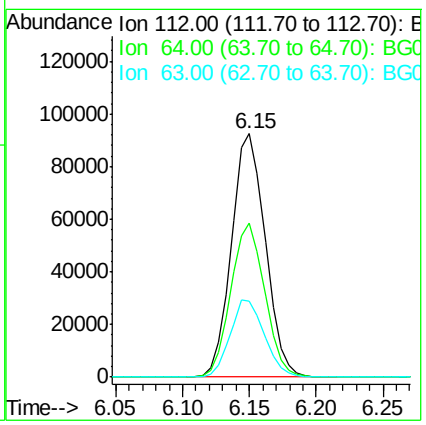


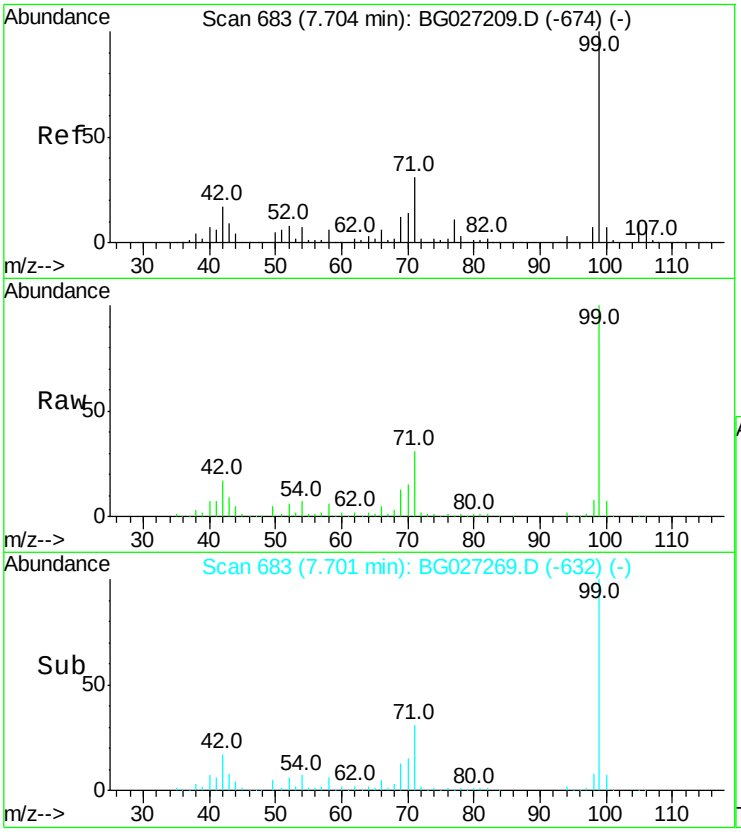


#5
2-Fluorophenol
Concen: 41.00 ng
RT: 6.15 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Tgt Ion:112 Resp: 162759

Ion	Ratio	Lower	Upper
112	100		
64	63.3	61.8	92.6
63	30.9	37.2	55.8#



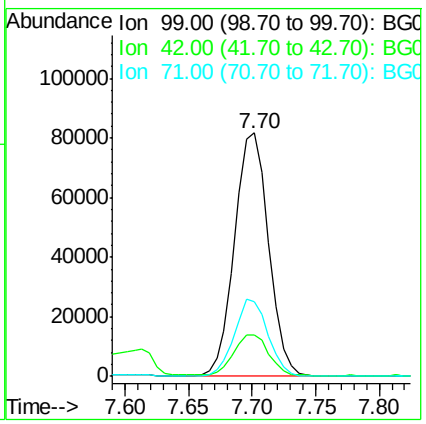


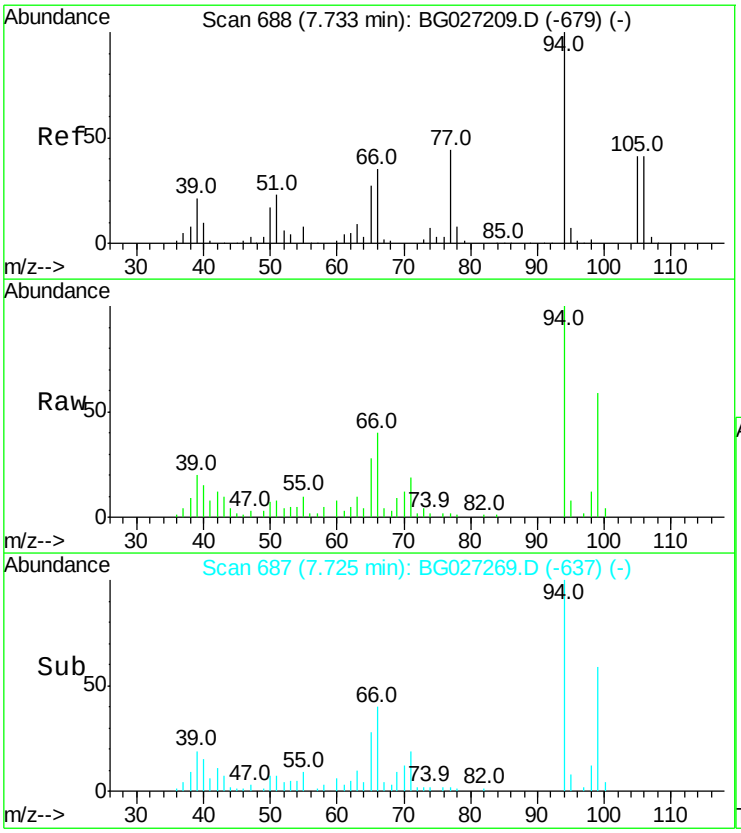
#7
Phenol-d6
Concen: 26.16 ng
RT: 7.70 min Scan# 683
Delta R.T. -0.00 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Instrument :
BNA_G
ClientSampleId :
TW-01DL

Tgt Ion: 99 Resp: 152450

Ion	Ratio	Lower	Upper
99	100		
42	16.9	20.5	30.7#
71	30.8	37.6	56.4#

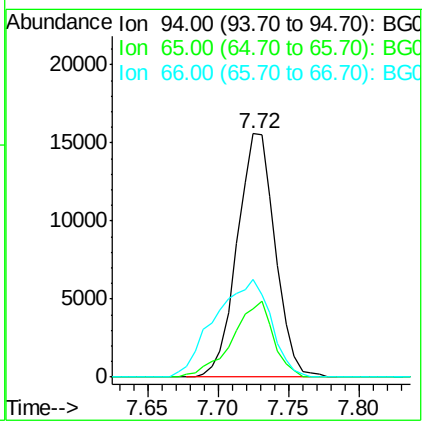


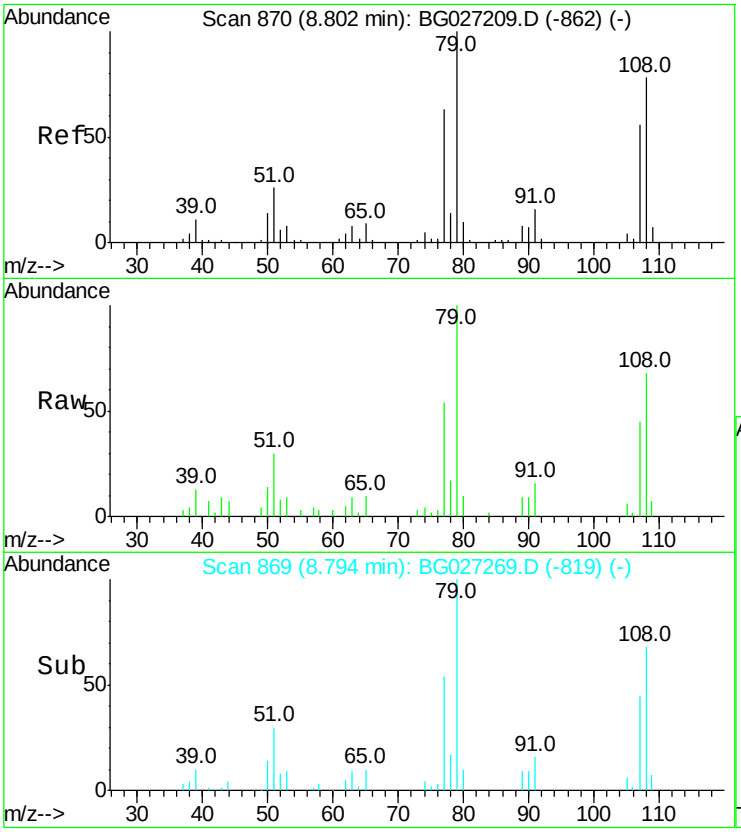


#10
Phenol
Concen: 4.92 ng
RT: 7.72 min Scan# 687
Delta R.T. -0.01 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Tgt Ion: 94 Resp: 29319

Ion	Ratio	Lower	Upper
94	100		
65	27.9	20.6	60.6
66	40.1	35.5	75.5



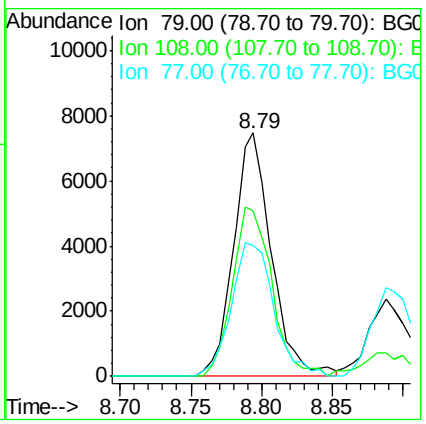


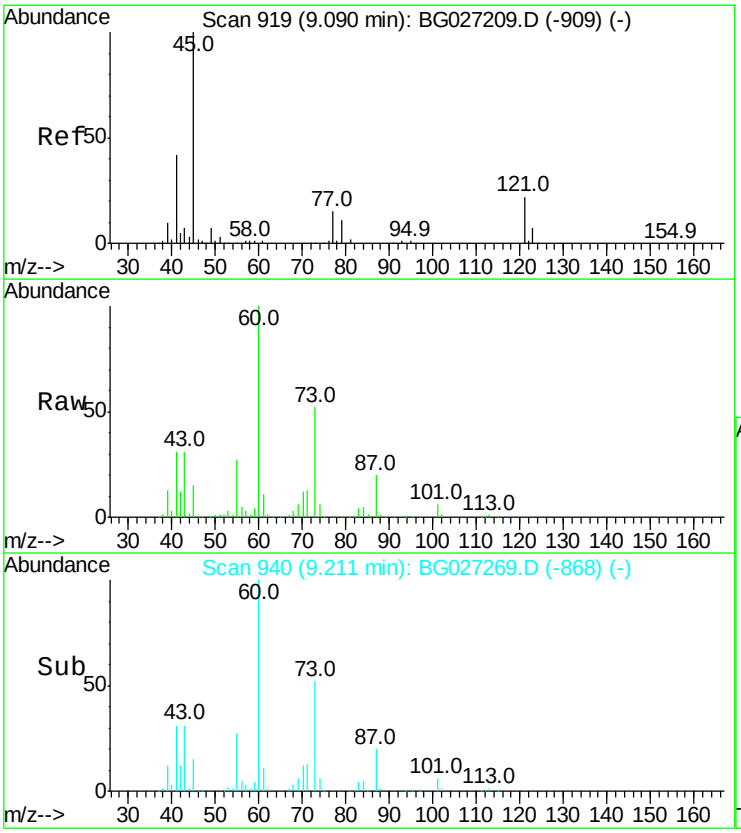
#15
Benzyl Alcohol
Concen: 3.40 ng
RT: 8.79 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Instrument :
BNA_G
ClientSampleId :
TW-01DL

Tgt Ion: 79 Resp: 13972

Ion	Ratio	Lower	Upper
79	100		
108	68.0	45.5	68.3
77	53.7	54.3	81.5#

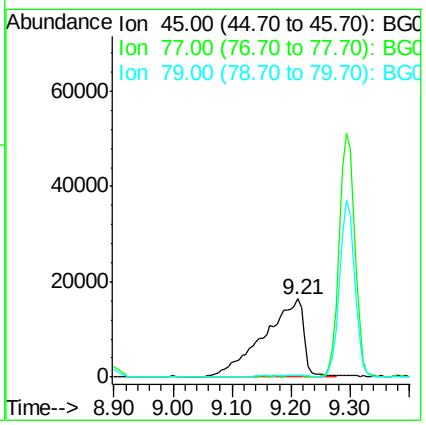


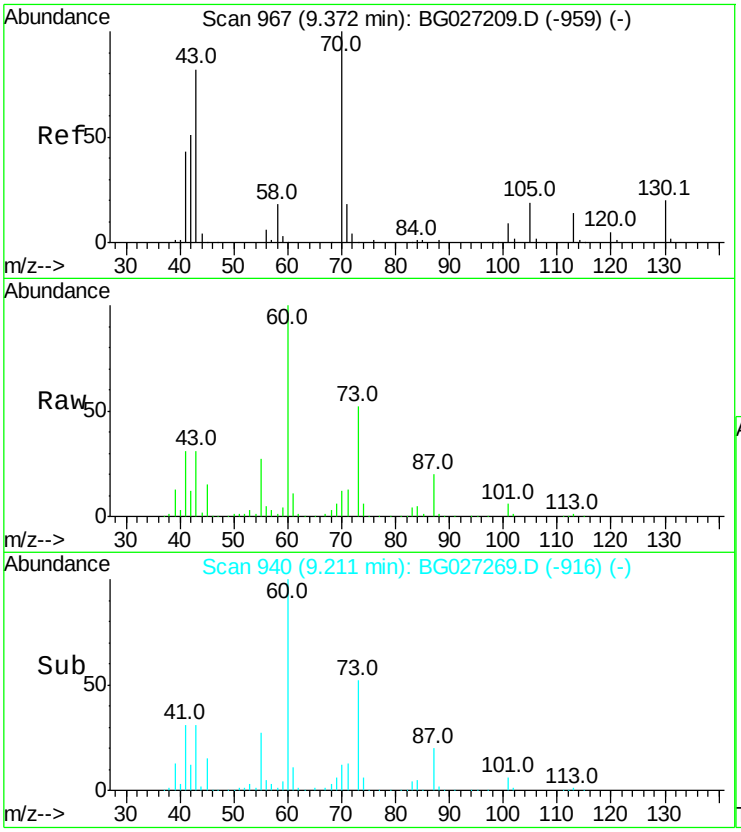


#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.19 ng
RT: 9.21 min Scan# 940
Delta R.T. 0.12 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Tgt Ion: 45 Resp: 78232

Ion	Ratio	Lower	Upper
45	100		
77	1.6	0.0	30.6
79	2.3	0.0	28.5



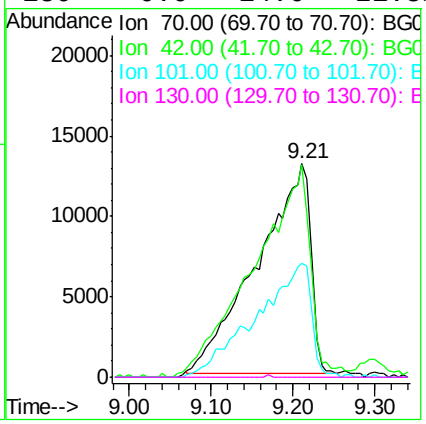


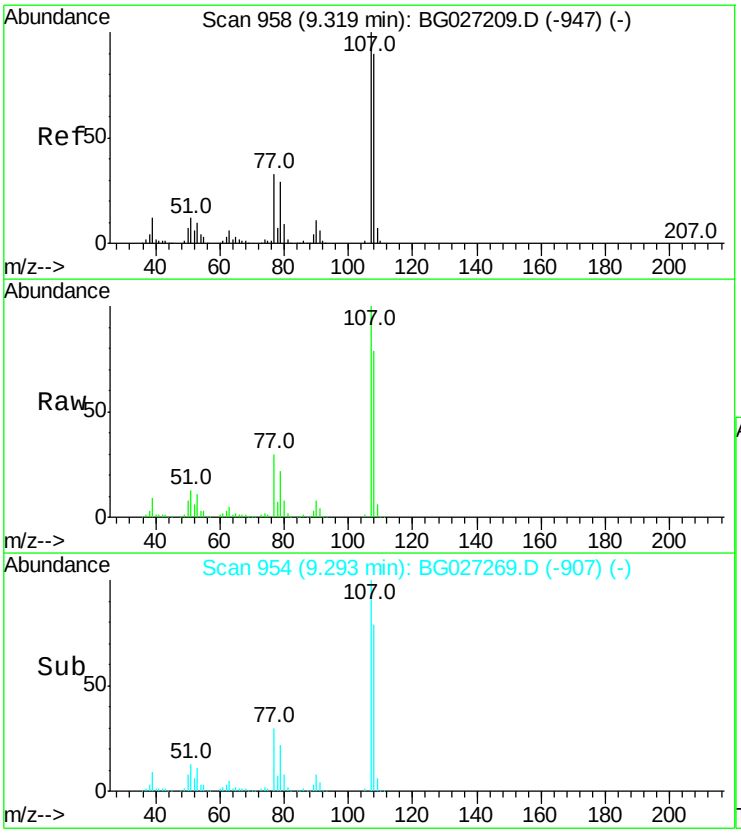
#19
n-Nitroso-di-n-propylamine
Concen: 14.47 ng
RT: 9.21 min Scan# 940
Delta R.T. -0.16 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Instrument :
BNA_G
ClientSampleId :
TW-01DL

Tgt Ion: 70 Resp: 58980

Ion	Ratio	Lower	Upper
70	100		
42	99.3	56.1	84.1#
101	53.6	7.5	11.3#
130	0.0	14.6	21.8#

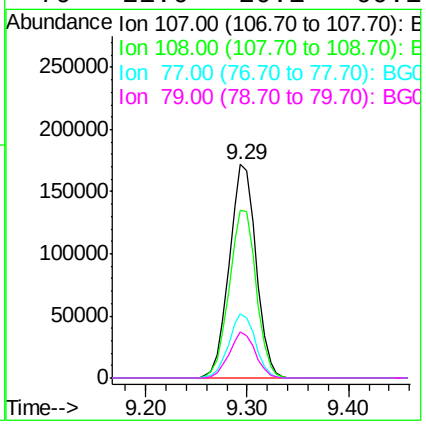


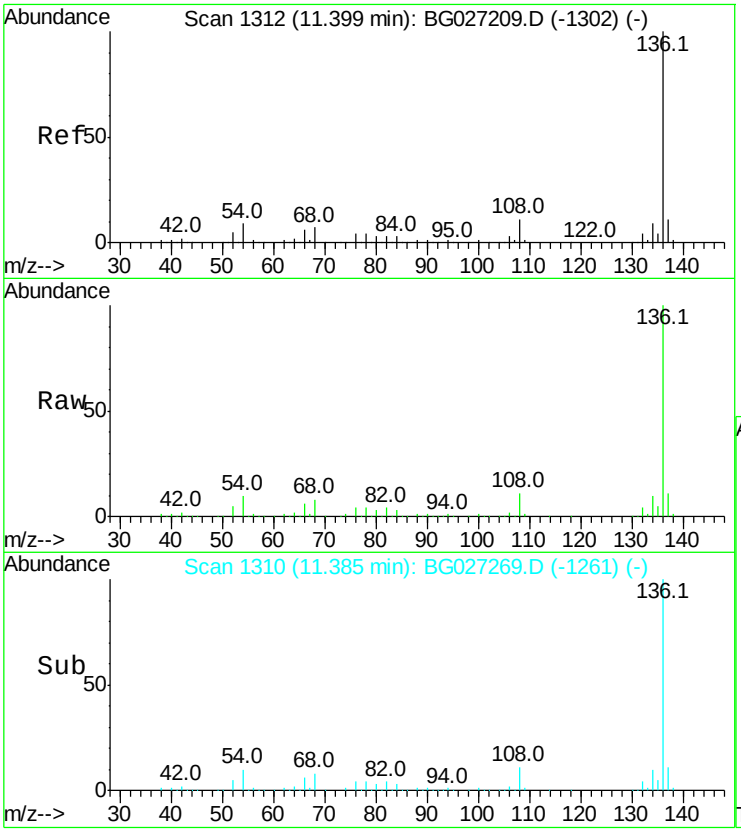


#20
3+4-Methylphenols
Concen: 53.99 ng
RT: 9.29 min Scan# 954
Delta R.T. -0.03 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Tgt Ion:107 Resp: 315027

Ion	Ratio	Lower	Upper
107	100		
108	78.6	70.8	110.8
77	29.7	25.8	65.8
79	21.6	20.1	60.1



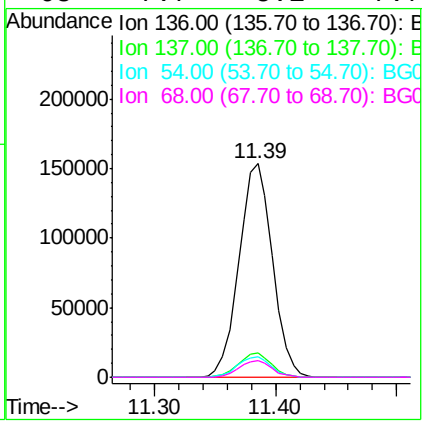


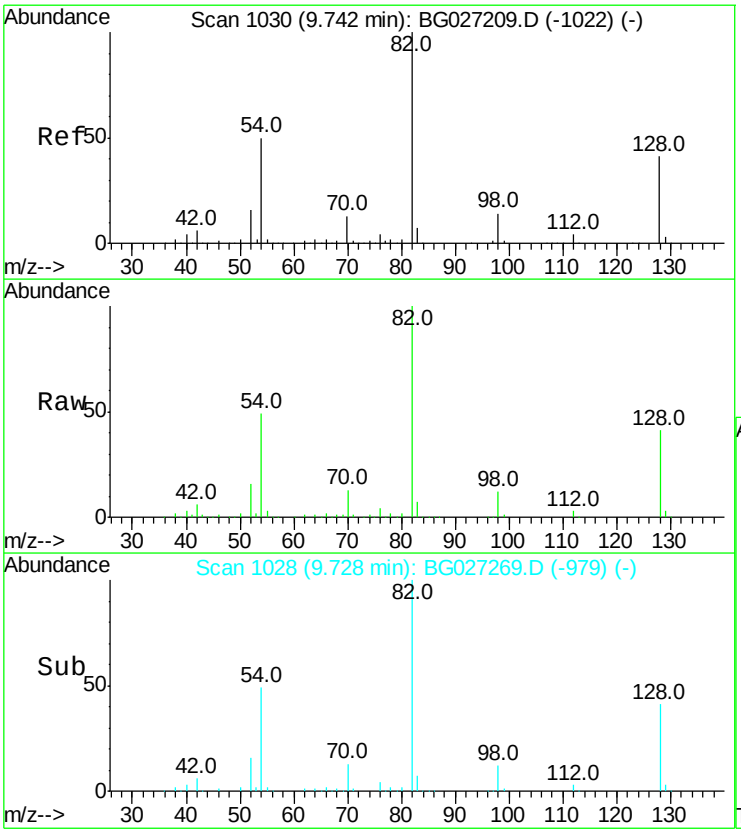
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Instrument :
BNA_G
ClientSampleId :
TW-01DL

Tgt Ion:136 Resp: 295028

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.7	9.3	13.9
68	7.7	5.1	7.7

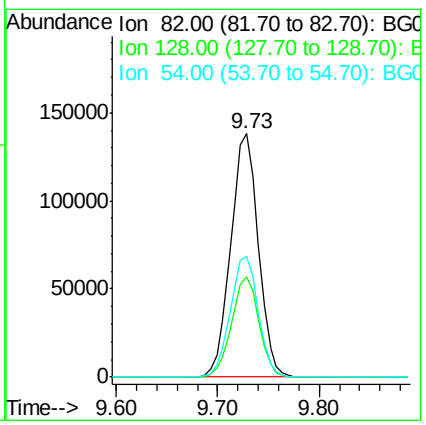


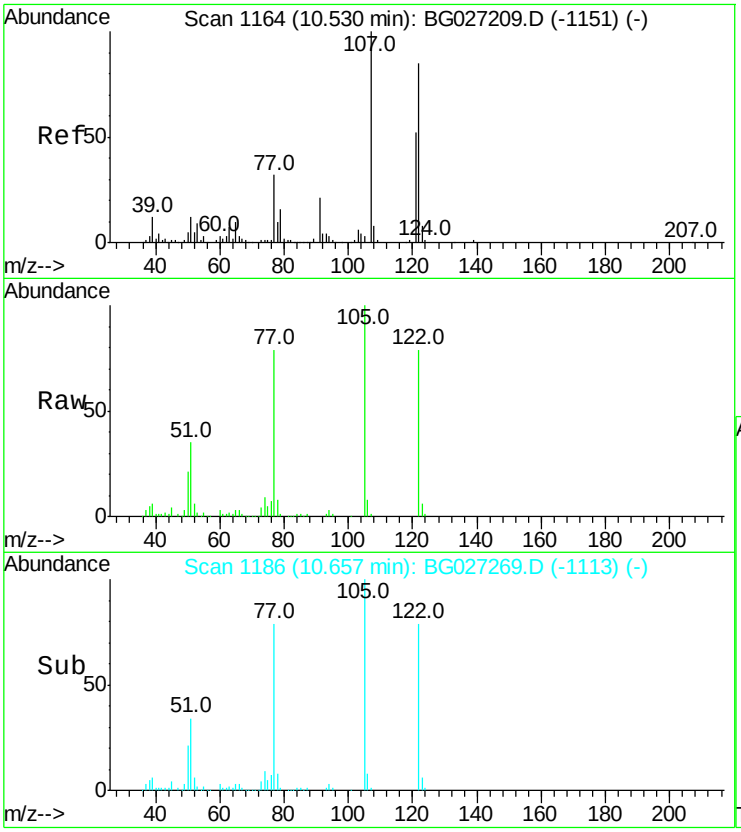


#23
Nitrobenzene-d5
Concen: 55.56 ng
RT: 9.73 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Tgt Ion: 82 Resp: 260644

Ion	Ratio	Lower	Upper
82	100		
128	41.0	26.4	39.6#
54	49.3	49.4	74.2#



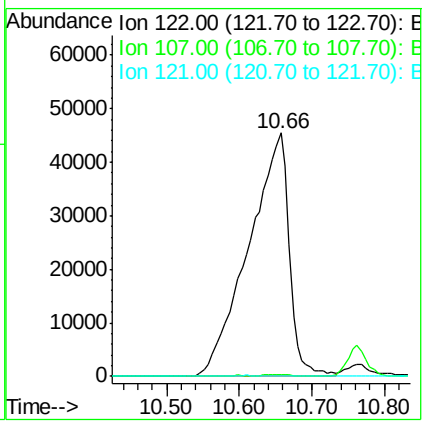


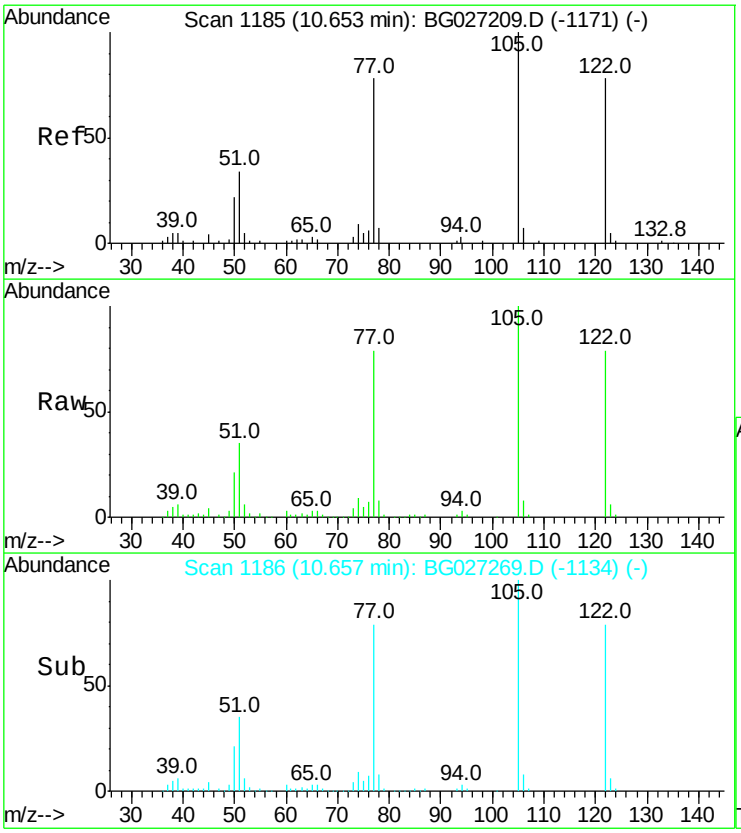
#27
2,4-Dimethylphenol
Concen: 37.23 ng
RT: 10.66 min Scan# 1186
Delta R.T. 0.13 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Instrument :
BNA_G
ClientSampleId :
TW-01DL

Tgt Ion:122 Resp: 176600

Ion	Ratio	Lower	Upper
122	100		
107	0.8	104.2	156.4#
121	0.0	46.0	69.0#

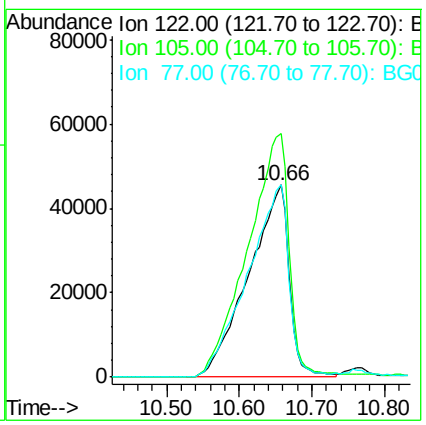


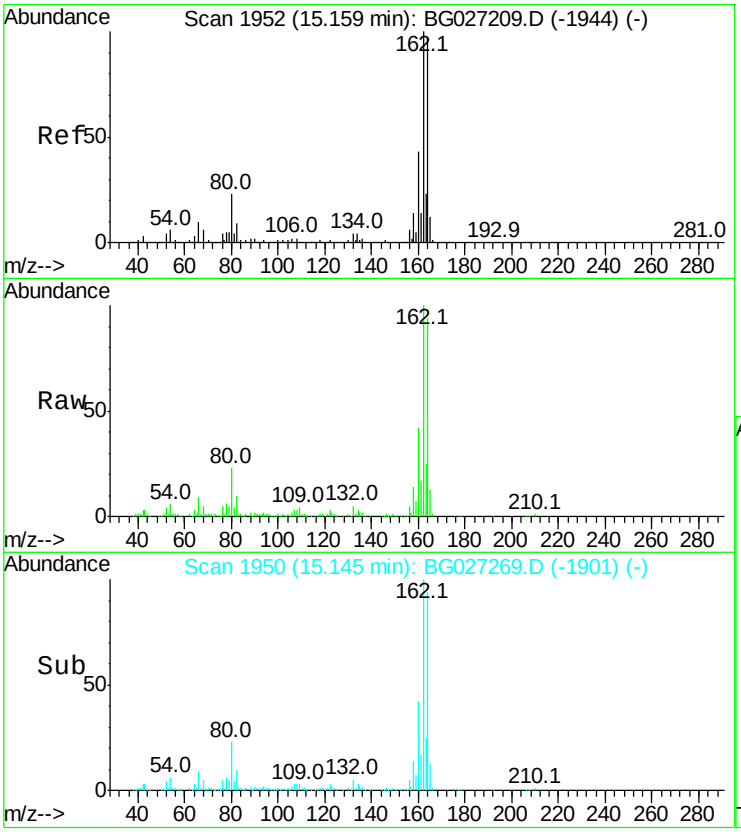


#32
Benzoic acid
Concen: 52.86 ng
RT: 10.66 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Tgt Ion:122 Resp: 176600

Ion	Ratio	Lower	Upper
122	100		
105	126.9	120.1	160.1
77	100.2	104.6	144.6#



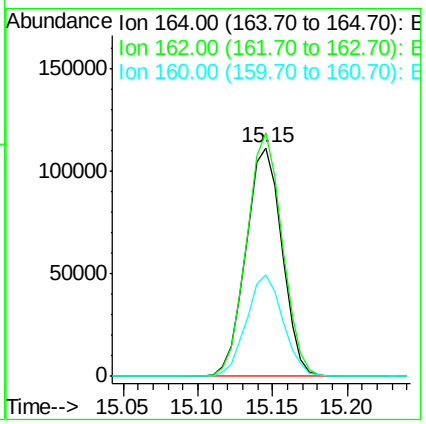


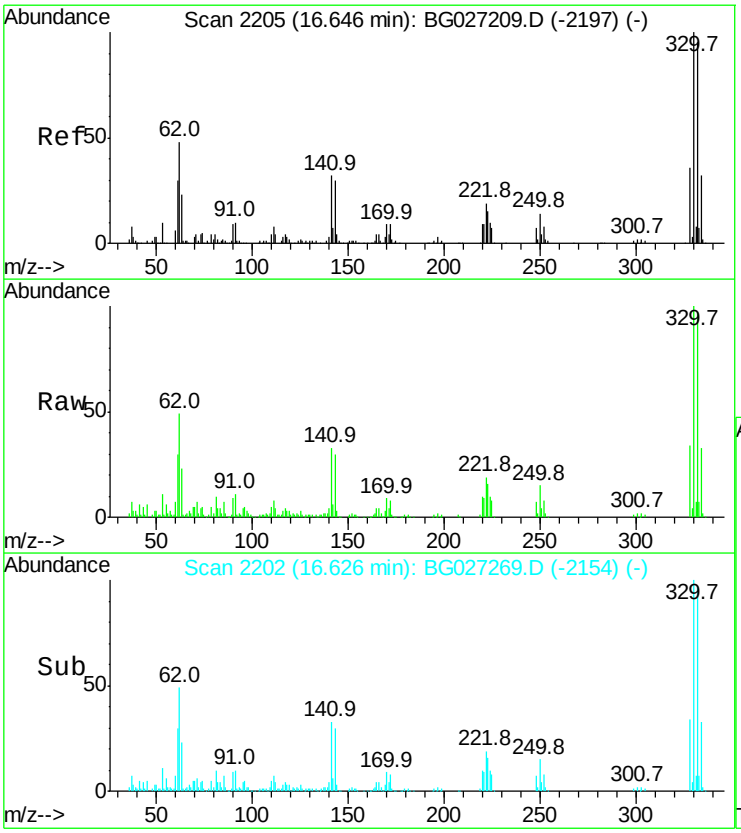
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.15 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Instrument :
BNA_G
ClientSampleId :
TW-01DL

Tgt Ion:164 Resp: 185672

Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.1	127.7
160	44.4	34.7	52.1

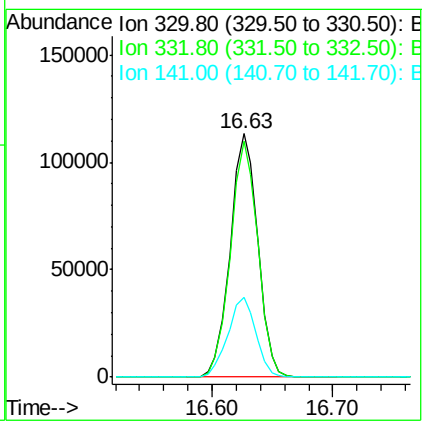


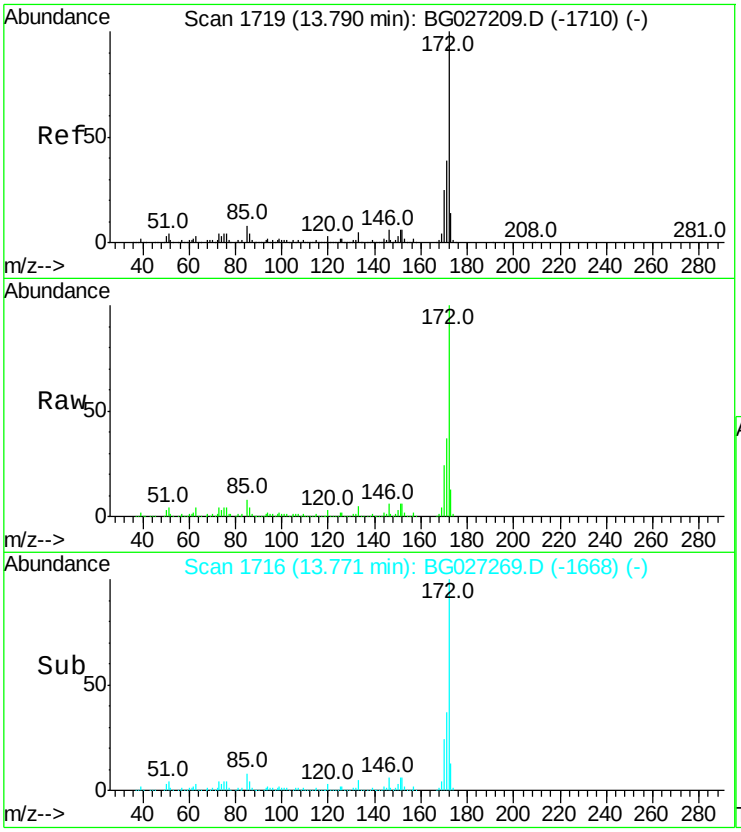


#41
2,4,6-Tribromophenol
Concen: 73.66 ng
RT: 16.63 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Tgt Ion:330 Resp: 180101

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	33.6	32.1	48.1



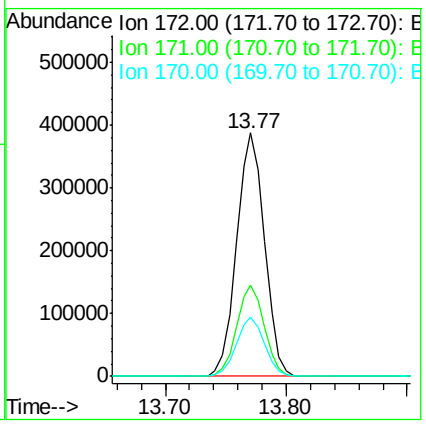


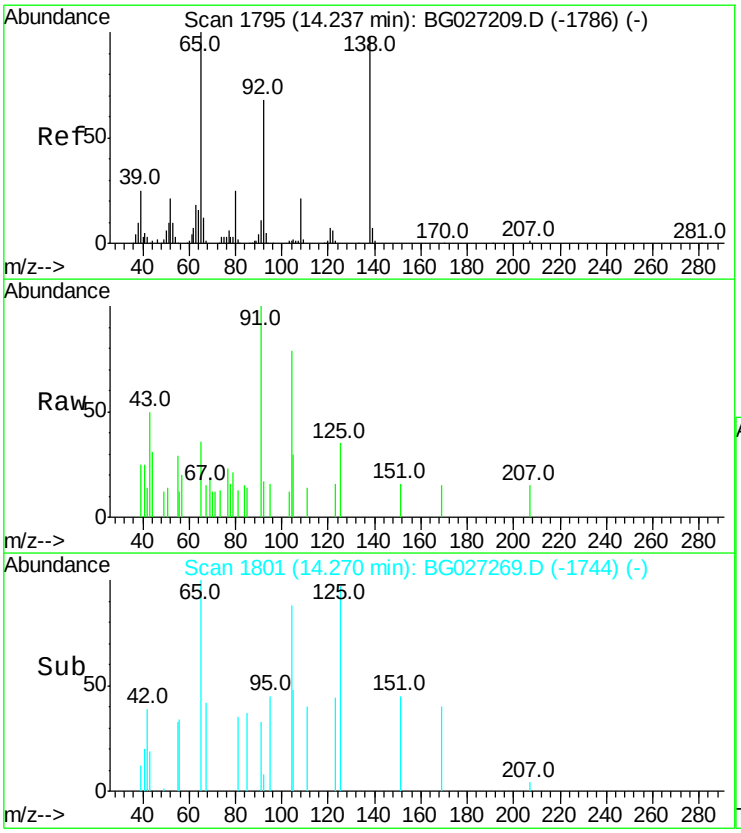
#44
2-Fluorobiphenyl
Concen: 46.87 ng
RT: 13.77 min Scan# 1716
Delta R.T. -0.02 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Instrument :
BNA_G
ClientSampleId :
TW-01DL

Tgt Ion:172 Resp: 622067

Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	24.3	21.8	32.6

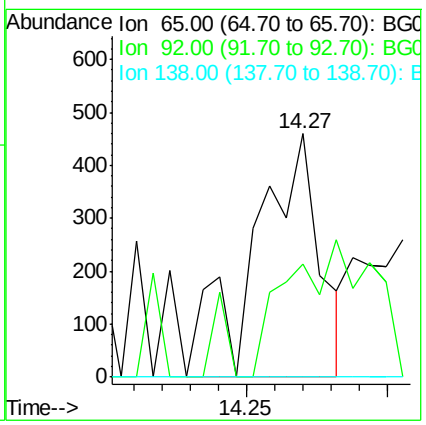


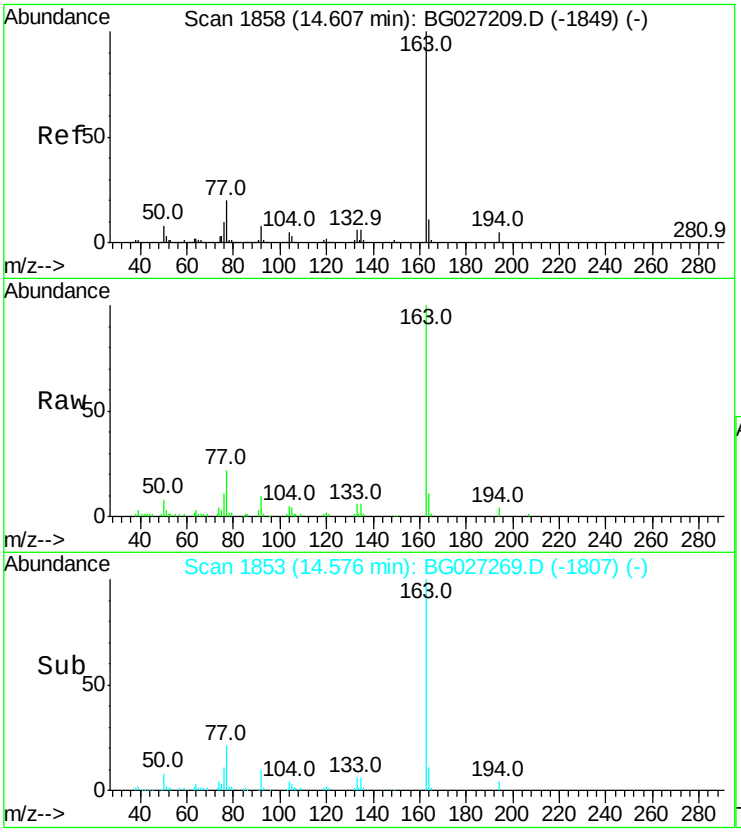


#47
2-Nitroaniline
Concen: 7.03 ng
RT: 14.27 min Scan# 1801
Delta R.T. 0.03 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Tgt Ion: 65 Resp: 744

Ion	Ratio	Lower	Upper
65	100		
92	46.3	49.0	73.4#
138	0.0	58.6	87.8#



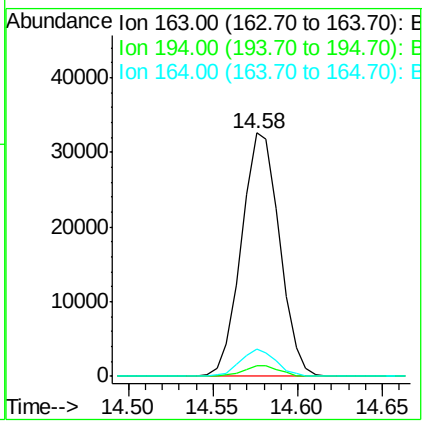


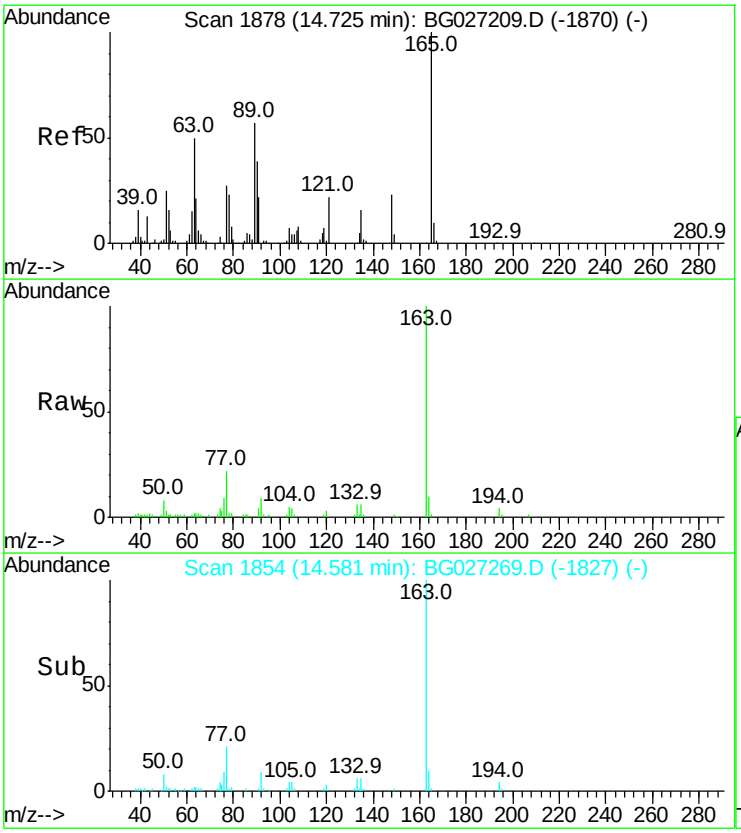
#49
Dimethylphthalate
Concen: 3.47 ng
RT: 14.58 min Scan# 1853
Delta R.T. -0.03 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Instrument :
BNA_G
ClientSampleId :
TW-01DL

Tgt Ion:163 Resp: 51098

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	11.2	9.3	13.9

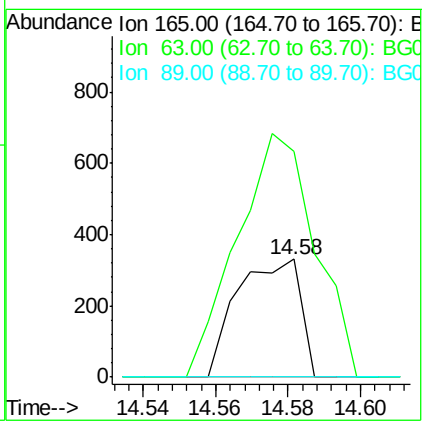


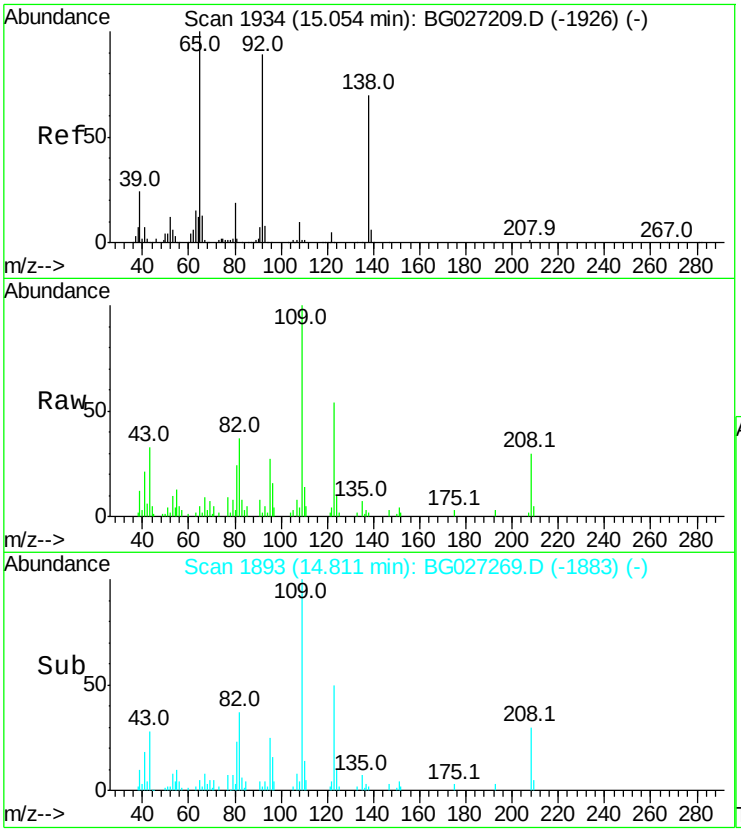


#50
2,6-Dinitrotoluene
Concen: 5.73 ng
RT: 14.58 min Scan# 1854
Delta R.T. -0.14 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Tgt Ion:165 Resp: 401

Ion	Ratio	Lower	Upper
165	100		
63	191.8	63.9	95.9#
89	0.0	58.6	88.0#



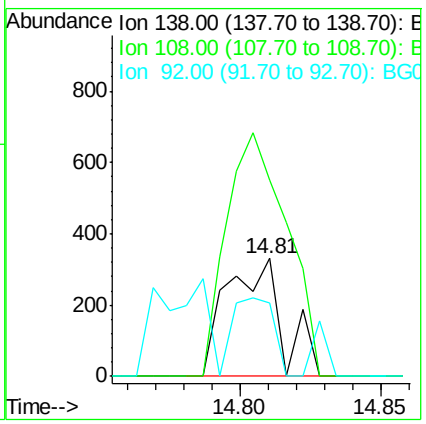


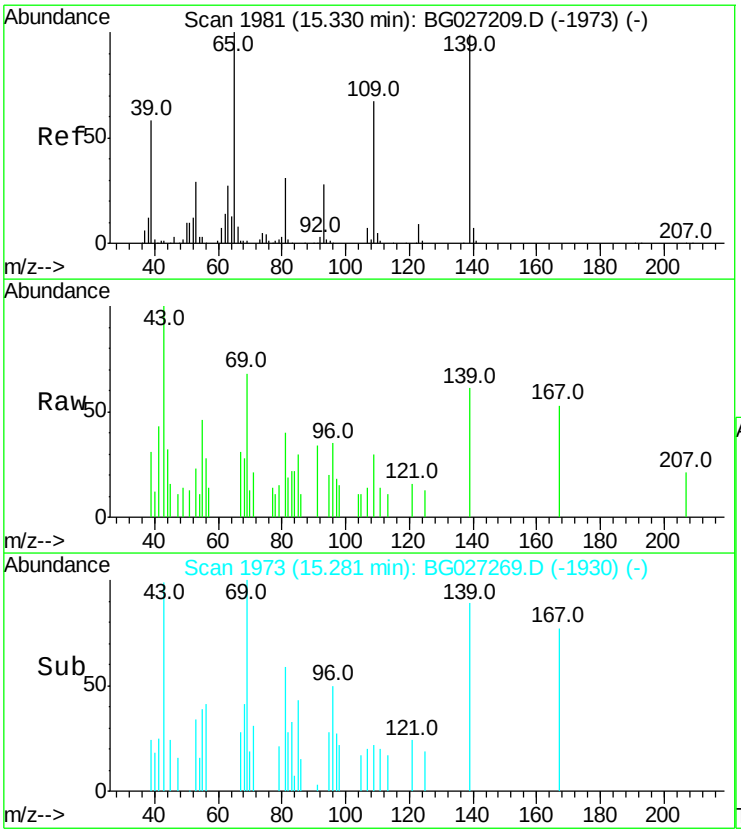
#52
3-Nitroaniline
Concen: 5.84 ng
RT: 14.81 min Scan# 1893
Delta R.T. -0.24 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Instrument :
BNA_G
ClientSampleId :
TW-01DL

Tgt Ion:138 Resp: 452

Ion	Ratio	Lower	Upper
138	100		
108	165.9	10.9	16.3#
92	62.2	115.3	172.9#

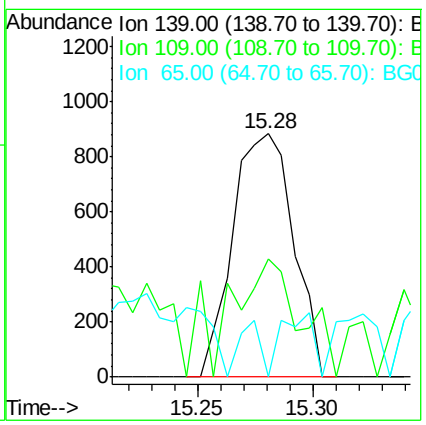


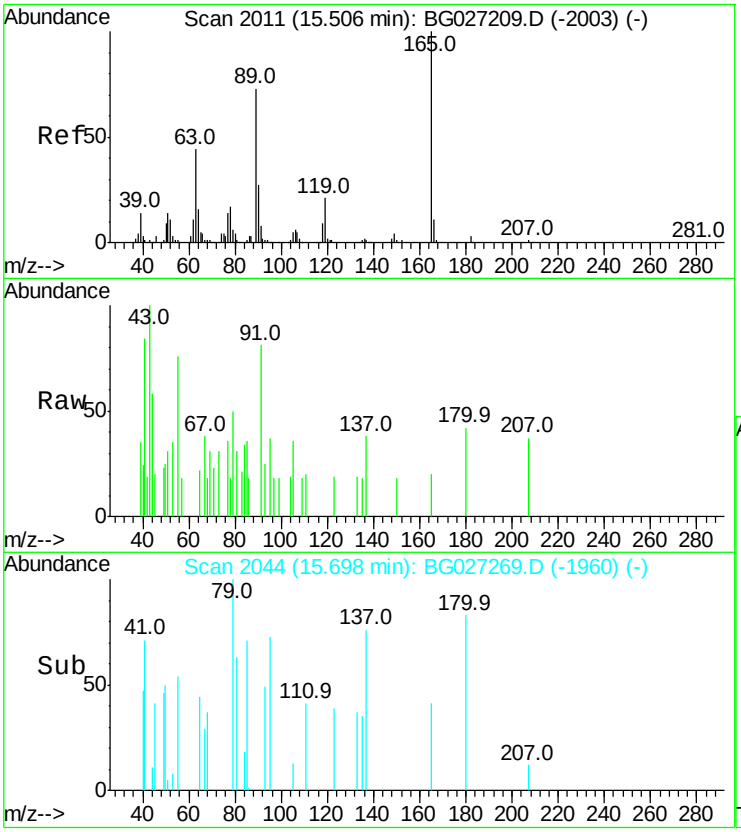


#55
4-Nitrophenol
Concen: 6.66 ng
RT: 15.28 min Scan# 1973
Delta R.T. -0.05 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Tgt Ion:139 Resp: 1616

Ion	Ratio	Lower	Upper
139	100		
109	48.4	101.2	141.2#
65	0.0	135.3	175.3#



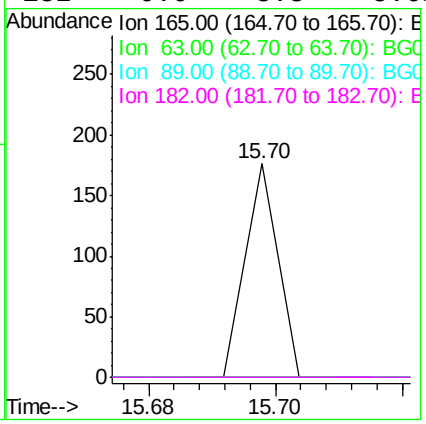


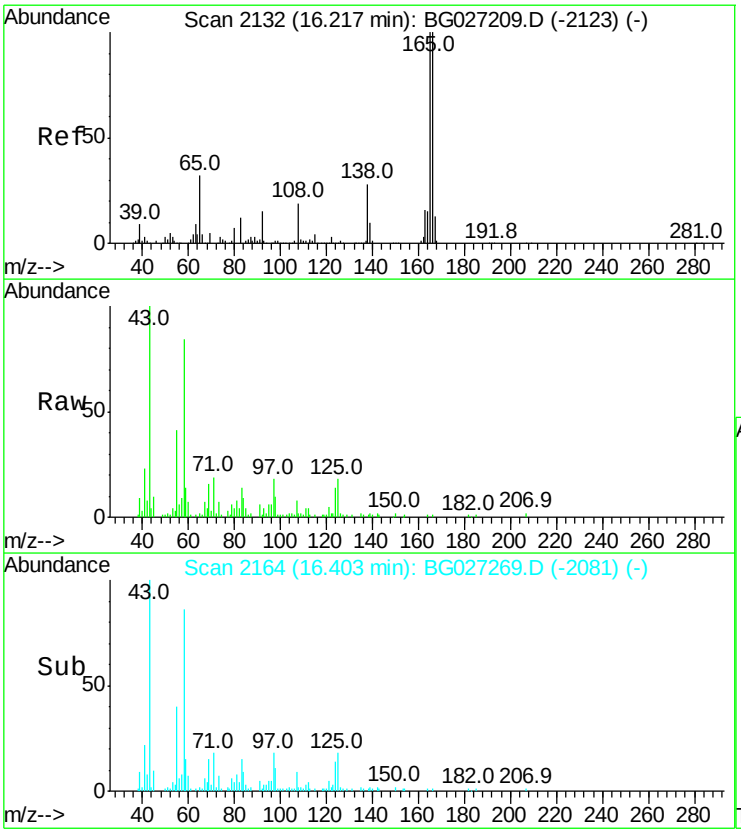
#56
2,4-Dinitrotoluene
Concen: 7.00 ng
RT: 15.70 min Scan# 2044
Delta R.T. 0.19 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Instrument :
BNA_G
ClientSampleId :
TW-01DL

Tgt Ion:165 Resp: 62

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.0	66.0#
89	0.0	67.3	100.9#
182	0.0	3.8	5.6#

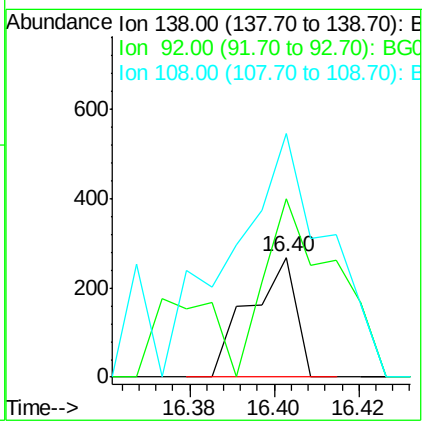


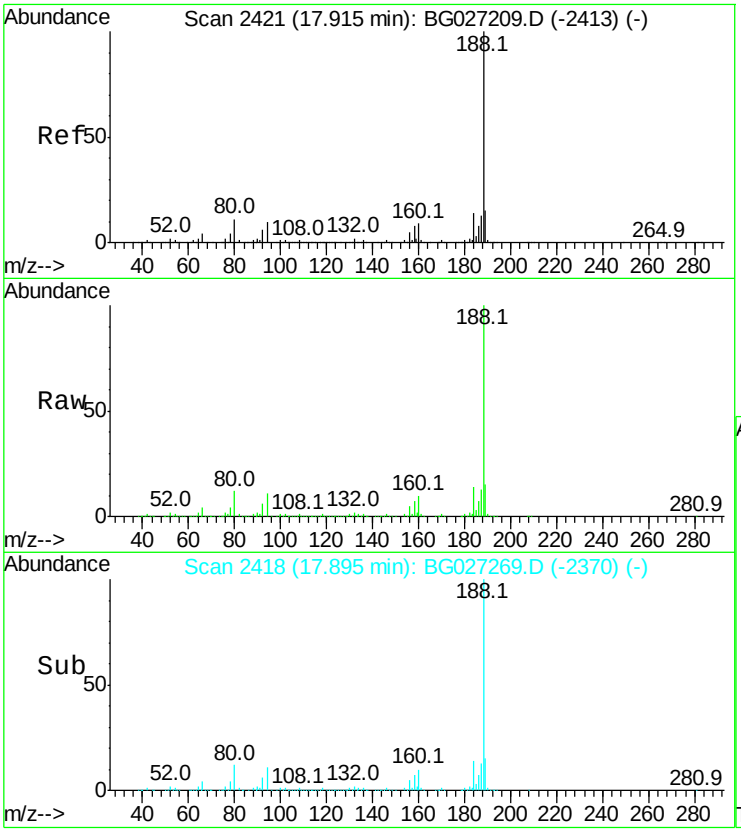


#61
4-Nitroaniline
Concen: 5.95 ng
RT: 16.40 min Scan# 2164
Delta R.T. 0.19 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Tgt Ion:138 Resp: 208

Ion	Ratio	Lower	Upper
138	100		
92	149.6	44.2	84.2#
108	203.7	104.8	144.8#



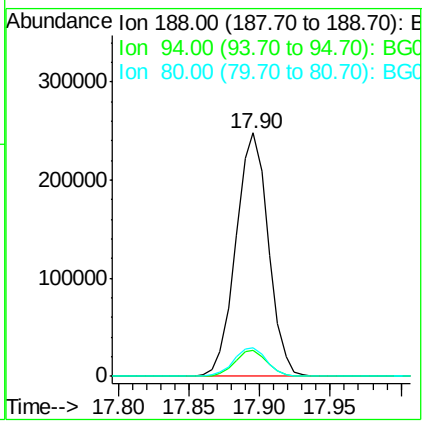


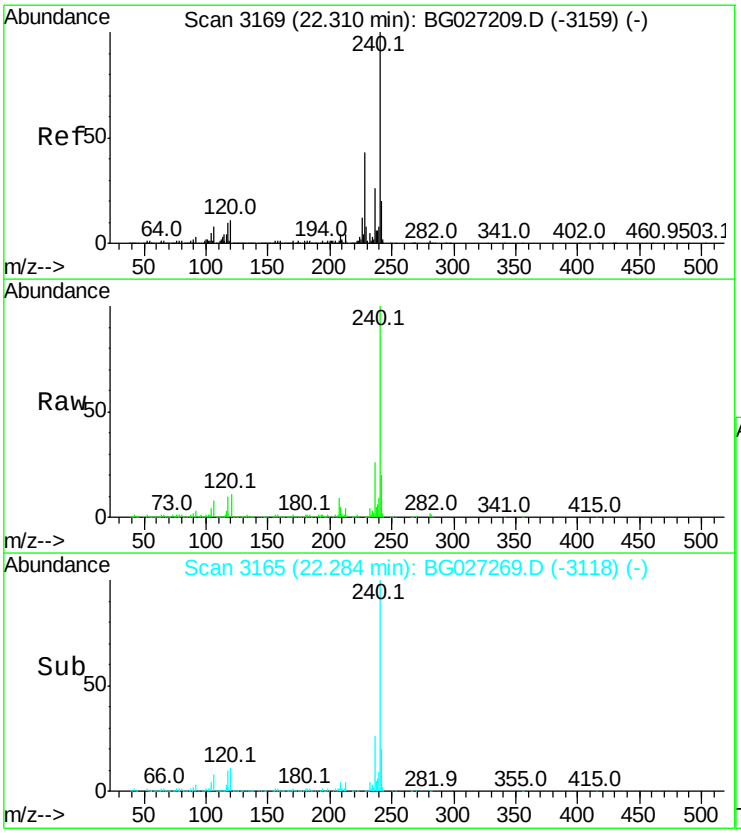
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Instrument :
BNA_G
ClientSampleId :
TW-01DL

Tgt Ion:188 Resp: 398097

Ion	Ratio	Lower	Upper
188	100		
94	10.7	5.8	8.8#
80	11.5	7.5	11.3#

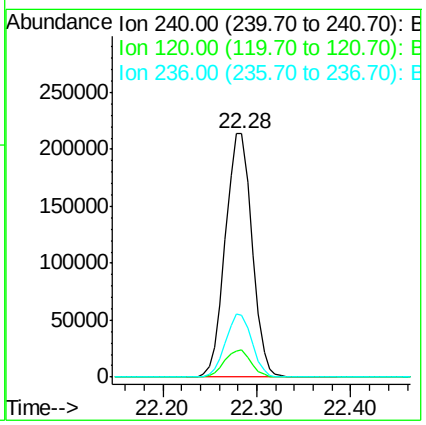


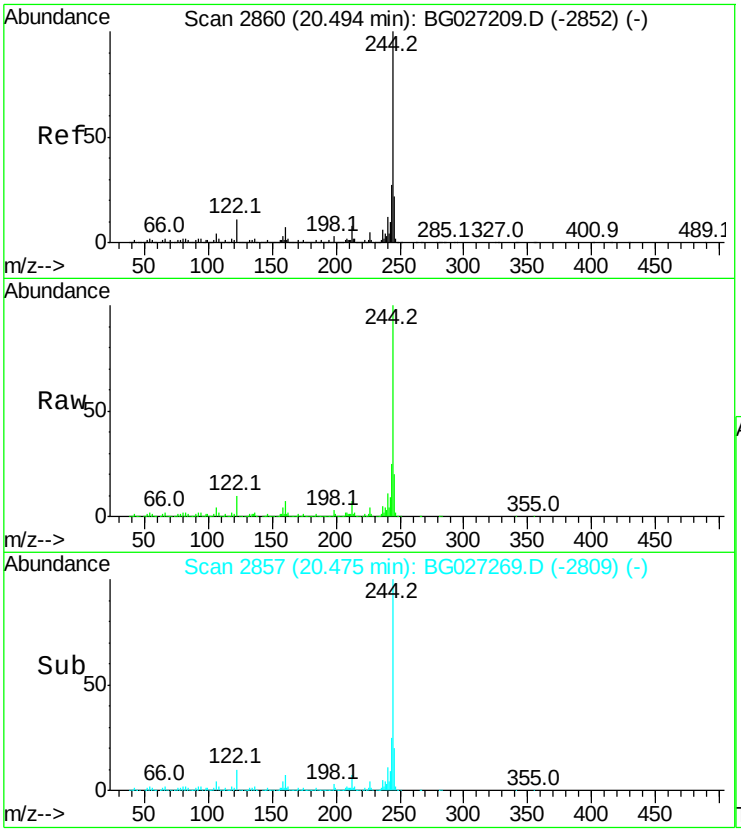


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.28 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Tgt Ion:240 Resp: 422054

Ion	Ratio	Lower	Upper
240	100		
120	11.0	5.7	8.5#
236	25.6	22.2	33.4



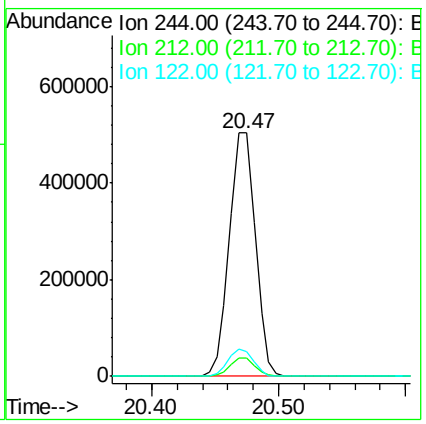


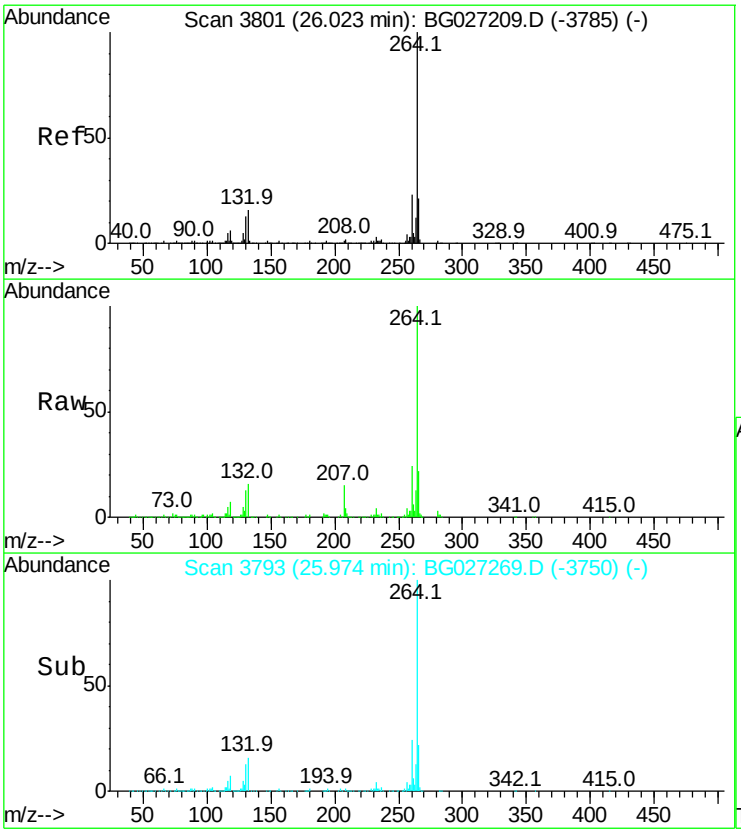
#78
Terphenyl-d14
Concen: 43.30 ng
RT: 20.47 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Instrument :
BNA_G
ClientSampleId :
TW-01DL

Tgt Ion:244 Resp: 716448

Ion	Ratio	Lower	Upper
244	100		
212	7.4	10.0	15.0#
122	10.2	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.97 min Scan# 3793
Delta R.T. -0.05 min
Lab File: BG027269.D
Acq: 7 Jun 2017 4:00

Tgt Ion:264 Resp: 396308

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.2	18.2	27.4