Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027232.D
Acq On : 6 Jun 2017 3:46
Operator : SJ/MA
Sample : I3393-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-01

Quant Time: Jun 06 06:02:54 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	8.57	152	62235	20.00	ng		0.00
21) Naphthalene-d8	11.39	136	295231	20.00	ng		0.00
38) Acenaphthene-d10	15.15	164	184937	20.00	ng		0.00
63) Phenanthrene-d10	17.90	188	408616	20.00	ng		-0.01
75) Chrysene-d12	22.29	240	437431	20.00	ng		-0.02
86) Perylene-d12	26.00	264	417868	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	320505	78.59	ng		0.00
7) Phenol-d6	7.72	99	307424	51.35	ng		0.02
23) Nitrobenzene-d5	9.74	82	500933	106.71	ng		0.00
41) 2,4,6-Tribromophenol	16.64	330	376327	154.53	ng		0.00
44) 2-Fluorobiphenyl	13.78	172	1189887	90.01	ng		0.00
78) Terphenyl-d14	20.48	244	1403426	81.84	ng		-0.01
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	4.47	42	46308	23.99	ng	#	15
10) Phenol	7.75	94	56980	9.31	ng		77
15) Benzyl Alcohol	8.81	79	27515	6.52	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	9.29	45	146709	20.41	ng	#	1
17) 2-Methylphenol	8.81	107	15900	3.67	ng	#	34
19) n-Nitroso-di-n-propylamine	9.29	70	118993	28.41	ng	#	62
20) 3+4-Methylphenols	9.31	107	609237	101.63	ng		80
27) 2,4-Dimethylphenol	10.72	122	361011	76.06	ng	#	1
32) Benzoic acid	10.72	122	361011	99.61	ng	#	82
35) Caprolactam	12.19	113	5305	3.57	ng	#	40
47) 2-Nitroaniline	14.20	65	488	6.96	ng	#	1
49) Dimethylphthalate	14.59	163	101935	6.95	ng		97
50) 2,6-Dinitrotoluene	14.76	165	81	5.64	ng	#	50
52) 3-Nitroaniline	15.08	138	256	5.79	ng	#	1
55) 4-Nitrophenol	15.29	139	3495	7.29	ng	#	3
56) 2,4-Dinitrotoluene	15.63	165	59	7.00	ng	#	16
61) 4-Nitroaniline	16.21	138	57	5.91	ng	#	1
65) n-Nitrosodiphenylamine	16.49	169	29446	2.30	ng	#	25

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

Quantitation Report (Not Reviewed)

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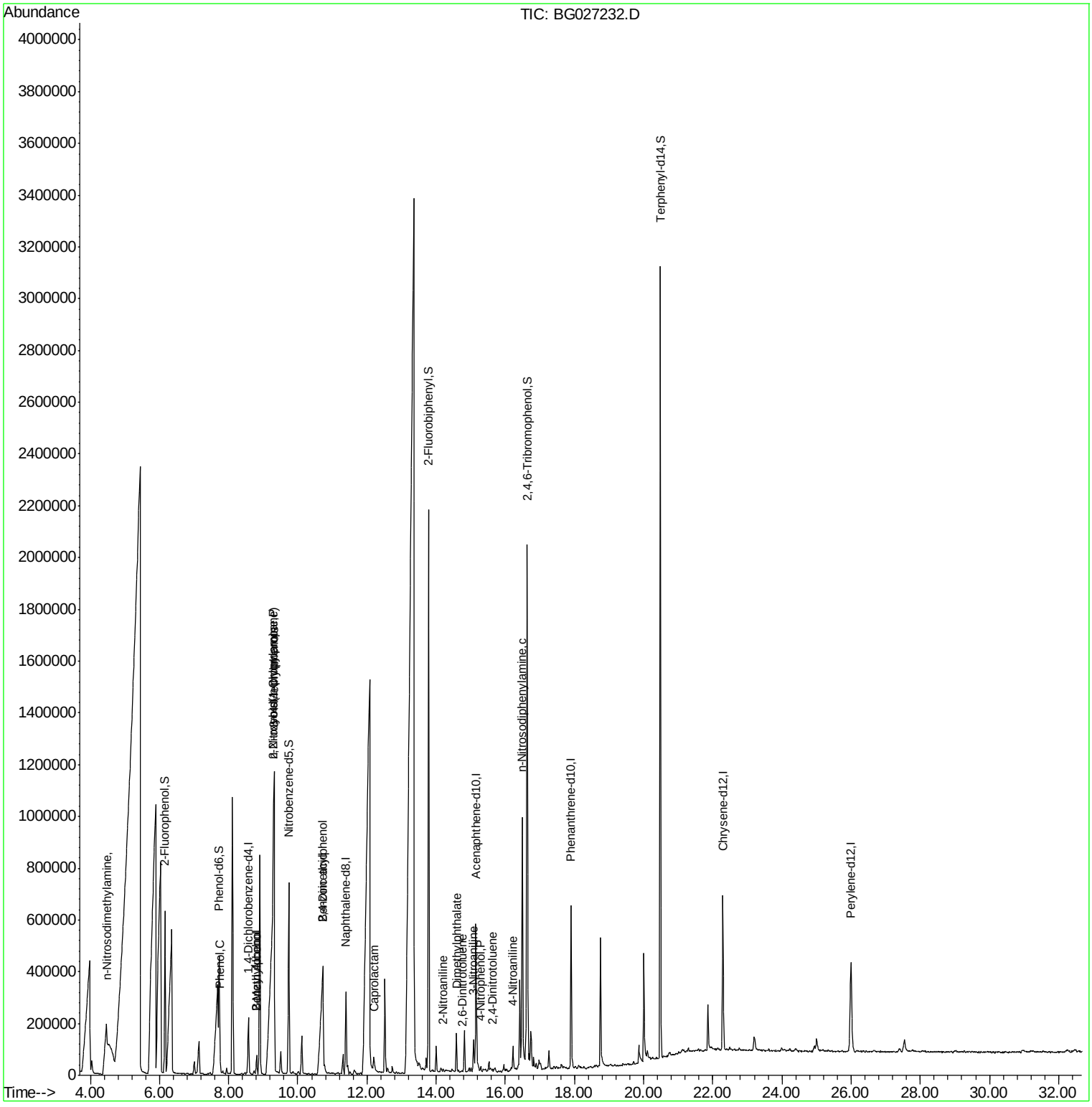
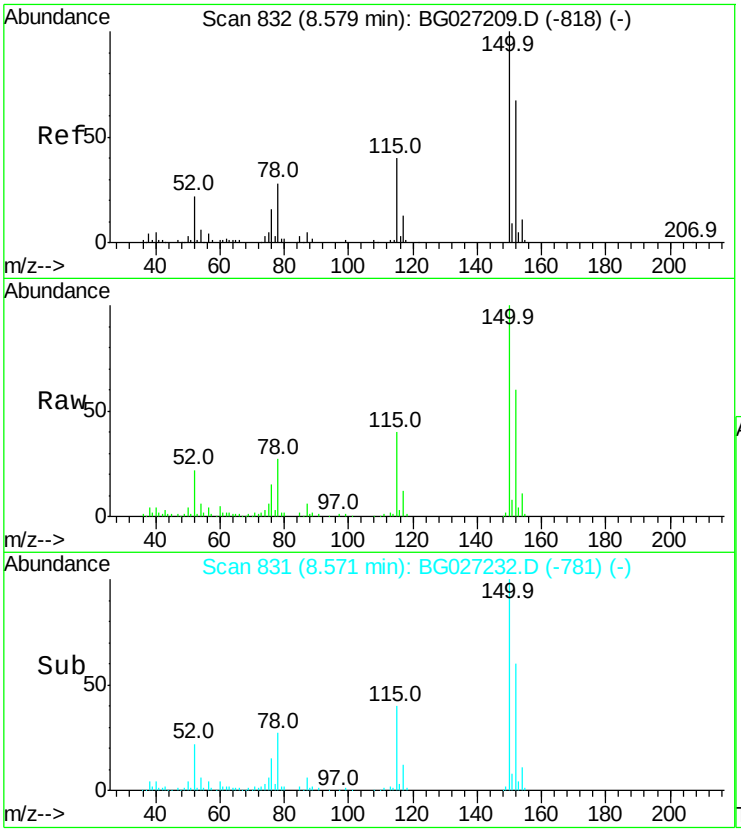


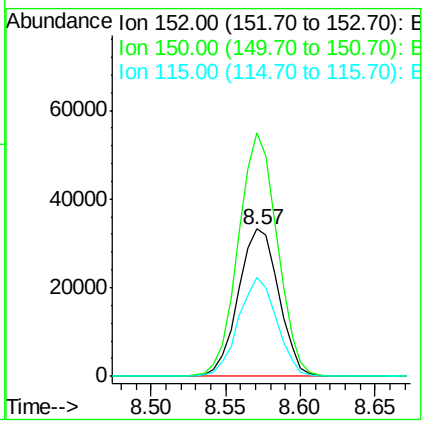


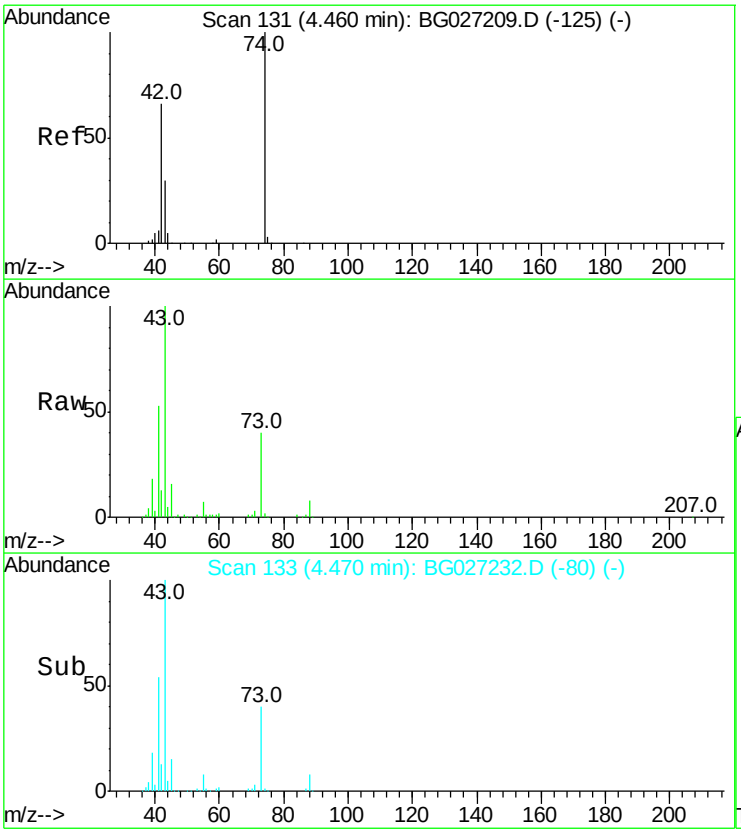
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.57 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tgt Ion:152 Resp: 62235

Ion	Ratio	Lower	Upper
152	100		
150	165.6	114.0	171.0
115	66.9	48.1	72.1

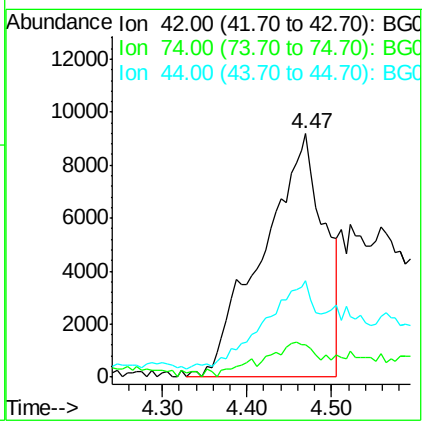


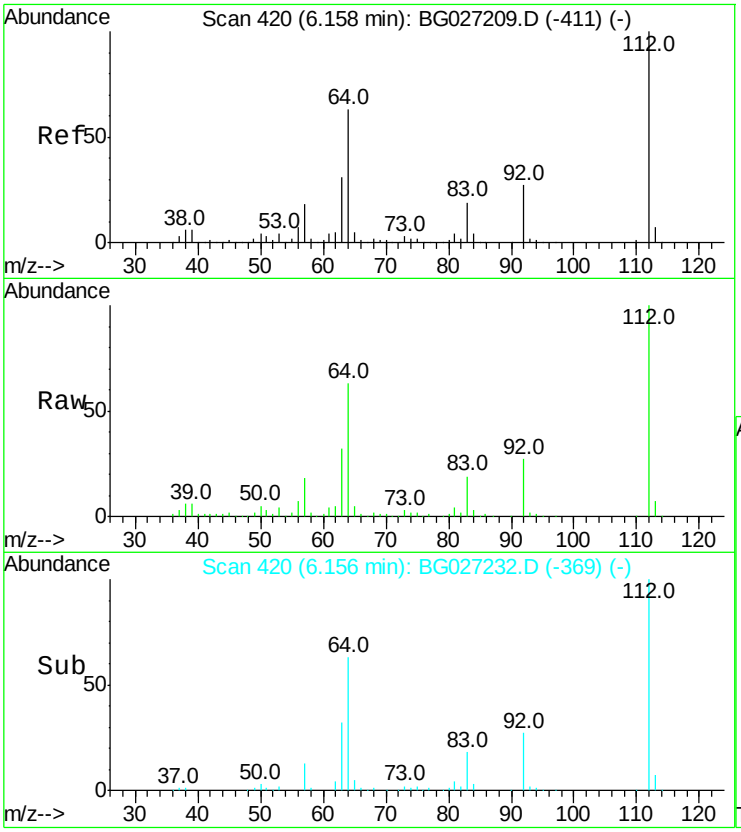


#4
n-Nitrosodimethylamine
Concen: 23.99 ng
RT: 4.47 min Scan# 133
Delta R.T. 0.01 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion: 42 Resp: 46308

Ion	Ratio	Lower	Upper
42	100		
74	13.3	76.7	115.1#
44	39.4	6.1	9.1#



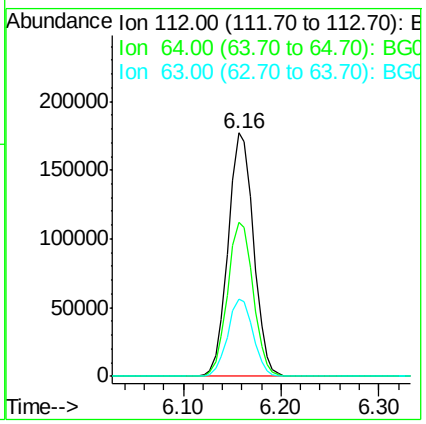


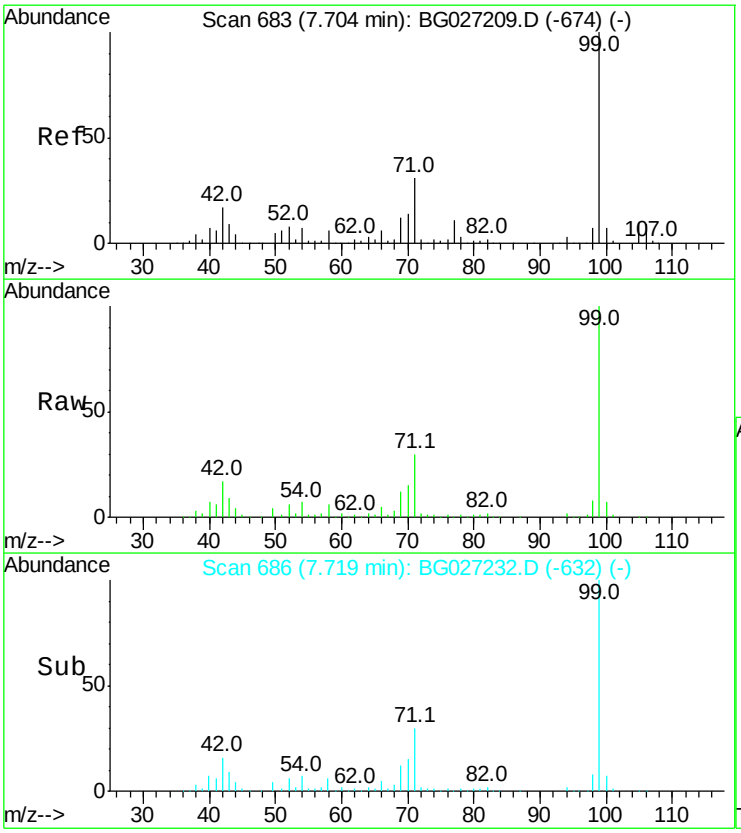
#5
2-Fluorophenol
Concen: 78.59 ng
RT: 6.16 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tgt Ion:112 Resp: 320505

Ion	Ratio	Lower	Upper
112	100		
64	63.4	61.8	92.6
63	31.9	37.2	55.8#

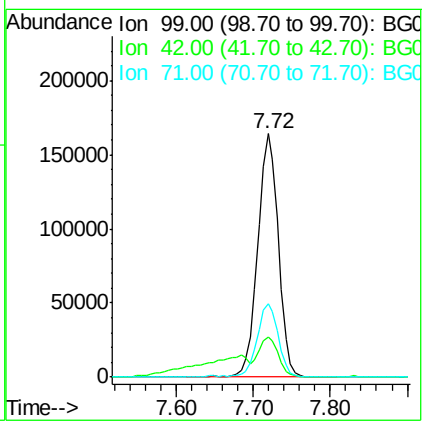


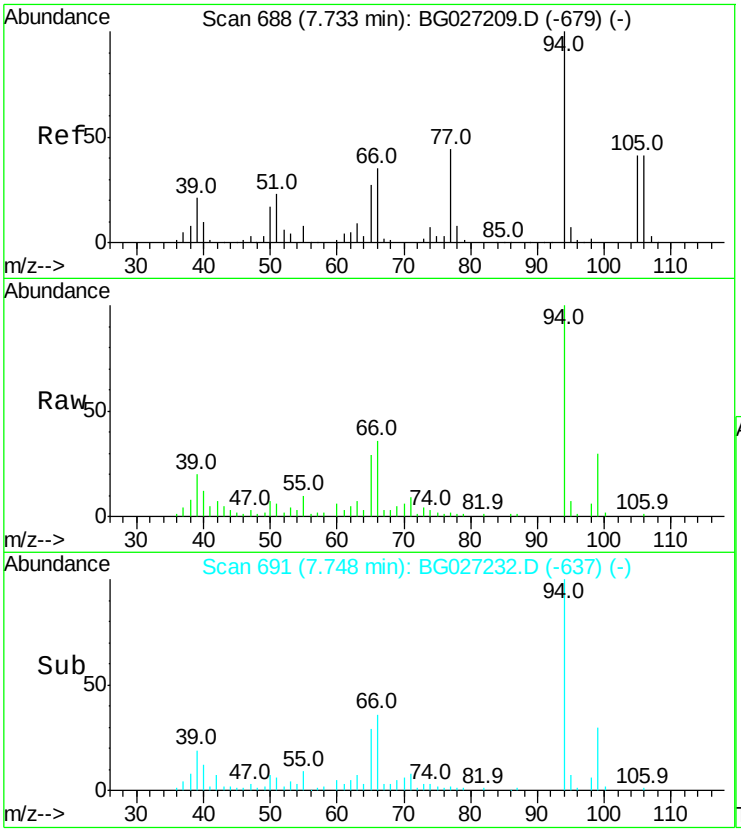


#7
Phenol-d6
Concen: 51.35 ng
RT: 7.72 min Scan# 686
Delta R.T. 0.02 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion: 99 Resp: 307424

Ion	Ratio	Lower	Upper
99	100		
42	16.7	20.5	30.7#
71	30.3	37.6	56.4#



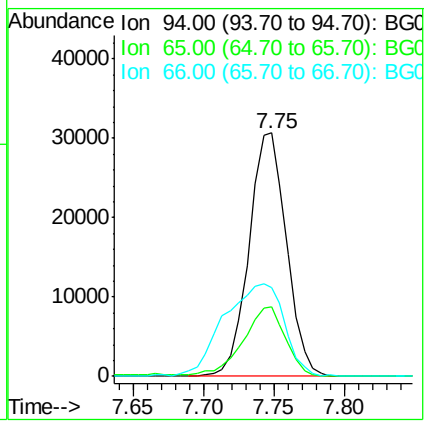


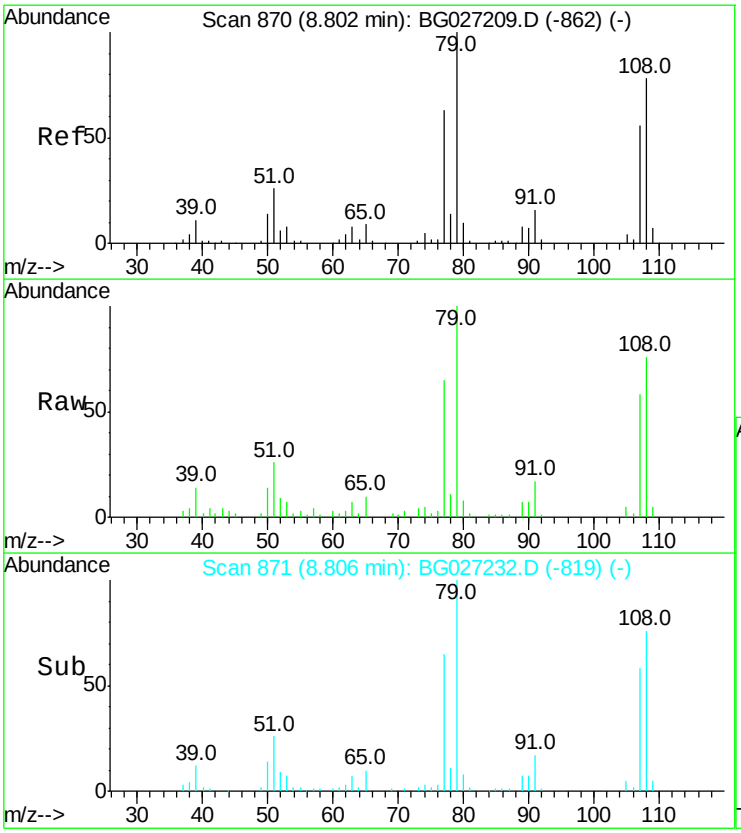
#10
Phenol
Concen: 9.31 ng
RT: 7.75 min Scan# 691
Delta R.T. 0.02 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tgt Ion: 94 Resp: 56980

Ion	Ratio	Lower	Upper
94	100		
65	28.6	20.6	60.6
66	36.3	35.5	75.5

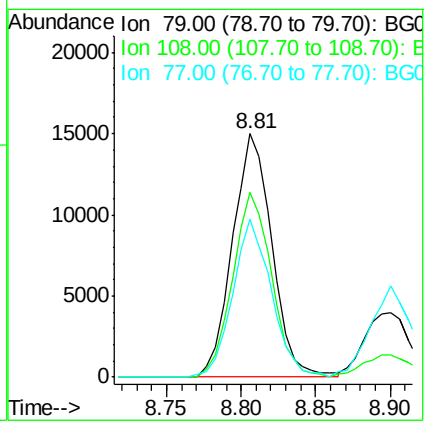


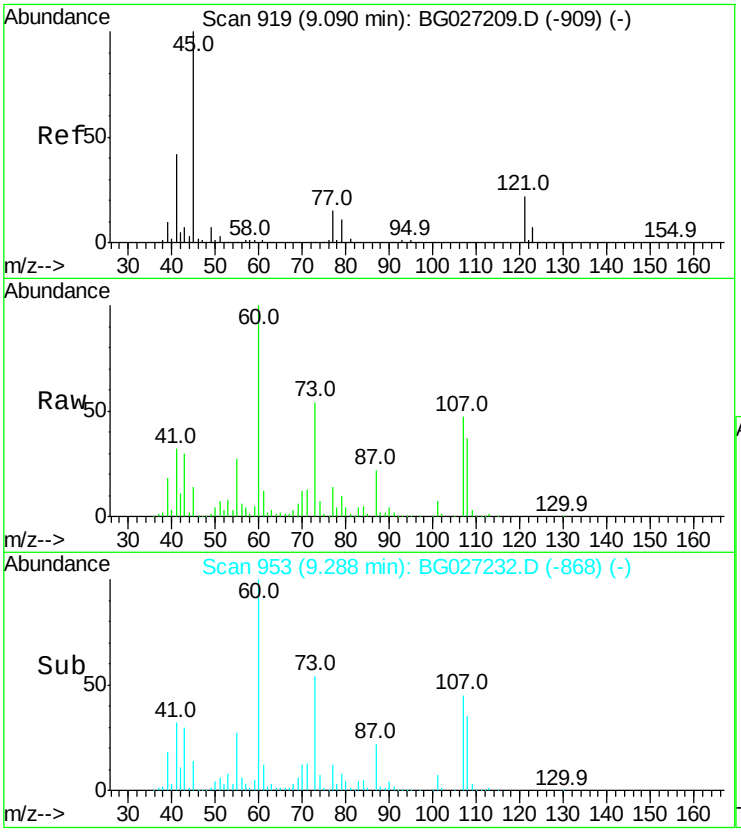


#15
Benzyl Alcohol
Concen: 6.52 ng
RT: 8.81 min Scan# 871
Delta R.T. 0.00 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion: 79 Resp: 27515

Ion	Ratio	Lower	Upper
79	100		
108	76.1	45.5	68.3#
77	64.6	54.3	81.5



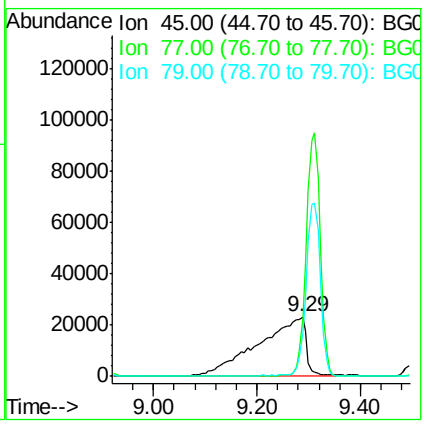


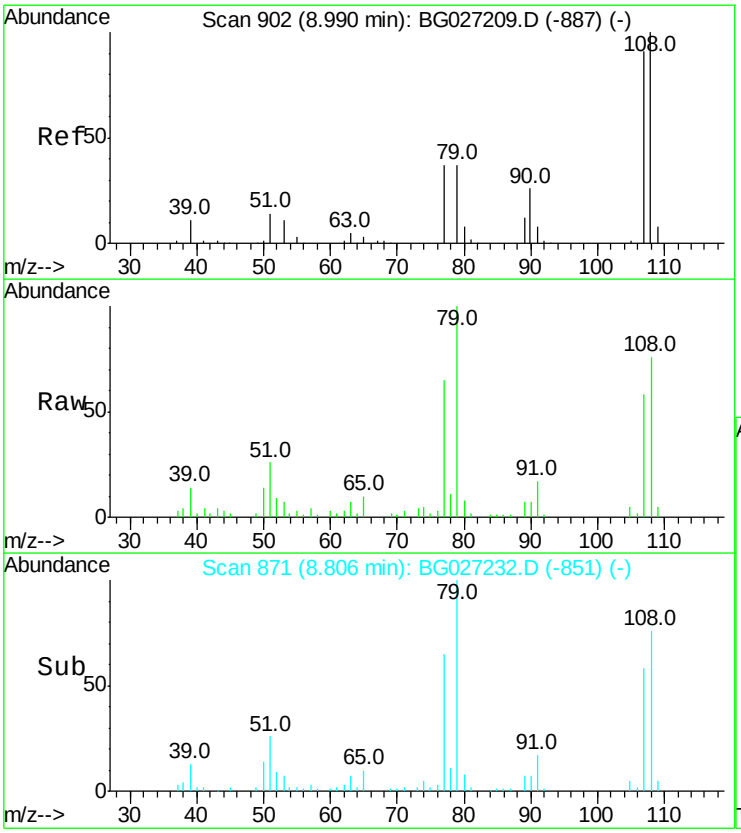
#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.41 ng
RT: 9.29 min Scan# 953
Delta R.T. 0.20 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tgt Ion: 45 Resp: 146709

Ion	Ratio	Lower	Upper
45	100		
77	97.0	0.0	30.6#
79	72.4	0.0	28.5#

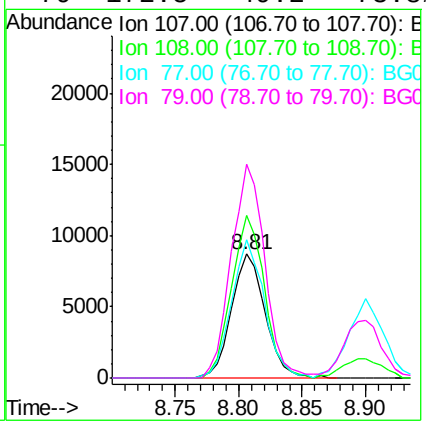


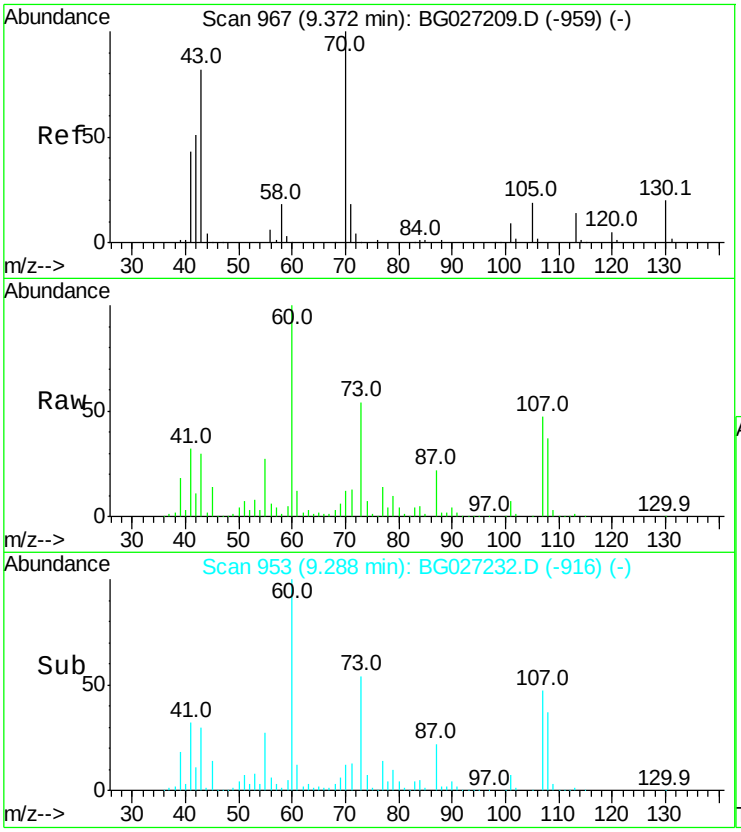


#17
2-Methylphenol
Concen: 3.67 ng
RT: 8.81 min Scan# 871
Delta R.T. -0.18 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion:107 Resp: 15900

Ion	Ratio	Lower	Upper
107	100		
108	131.3	85.6	128.4#
77	111.5	51.4	77.2#
79	172.5	49.2	73.8#



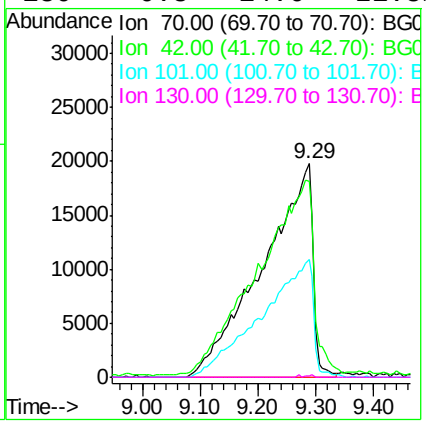


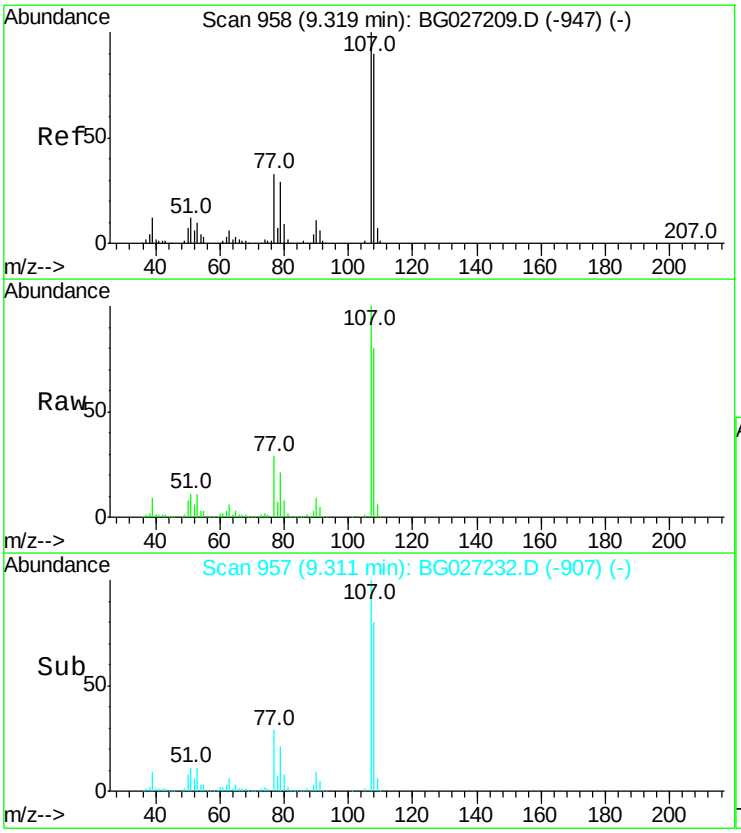
#19
n-Nitroso-di-n-propylamine
Concen: 28.41 ng
RT: 9.29 min Scan# 953
Delta R.T. -0.08 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tgt Ion: 70 Resp: 118993

Ion	Ratio	Lower	Upper
70	100		
42	91.5	56.1	84.1#
101	55.3	7.5	11.3#
130	0.8	14.6	21.8#

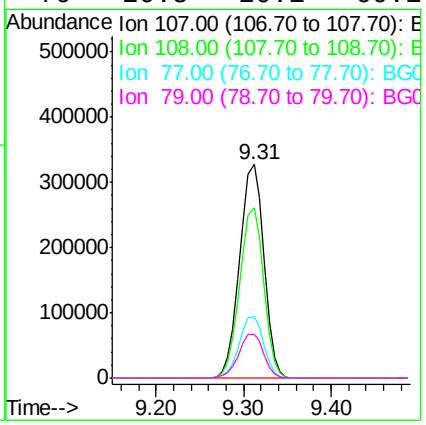


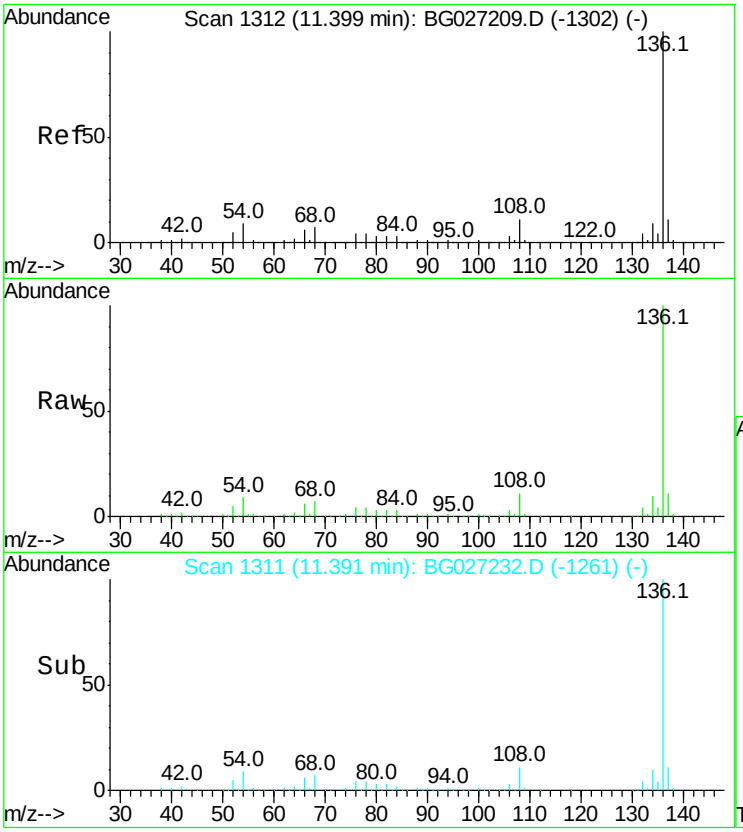


#20
3+4-Methylphenols
Concen: 101.63 ng
RT: 9.31 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion:107 Resp: 609237

Ion	Ratio	Lower	Upper
107	100		
108	79.8	70.8	110.8
77	28.9	25.8	65.8
79	20.5	20.1	60.1



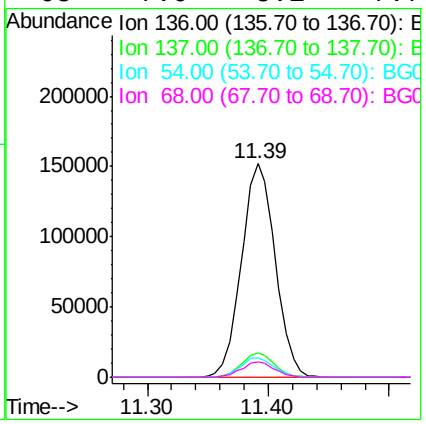


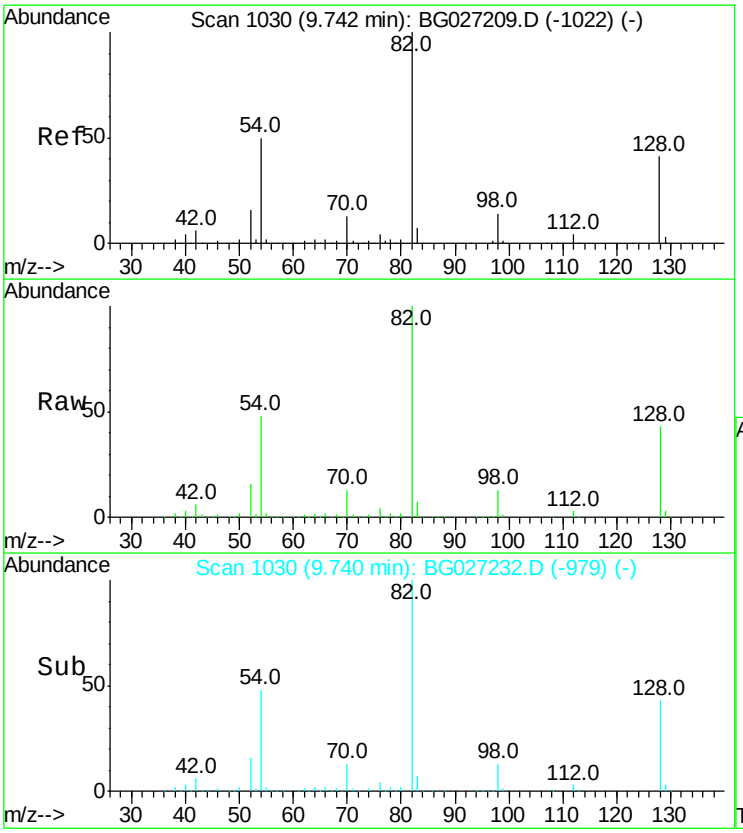
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tgt Ion:136 Resp: 295231

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.1	9.3	13.9#
68	7.0	5.1	7.7

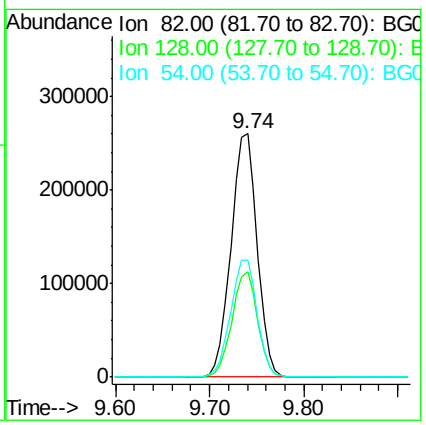


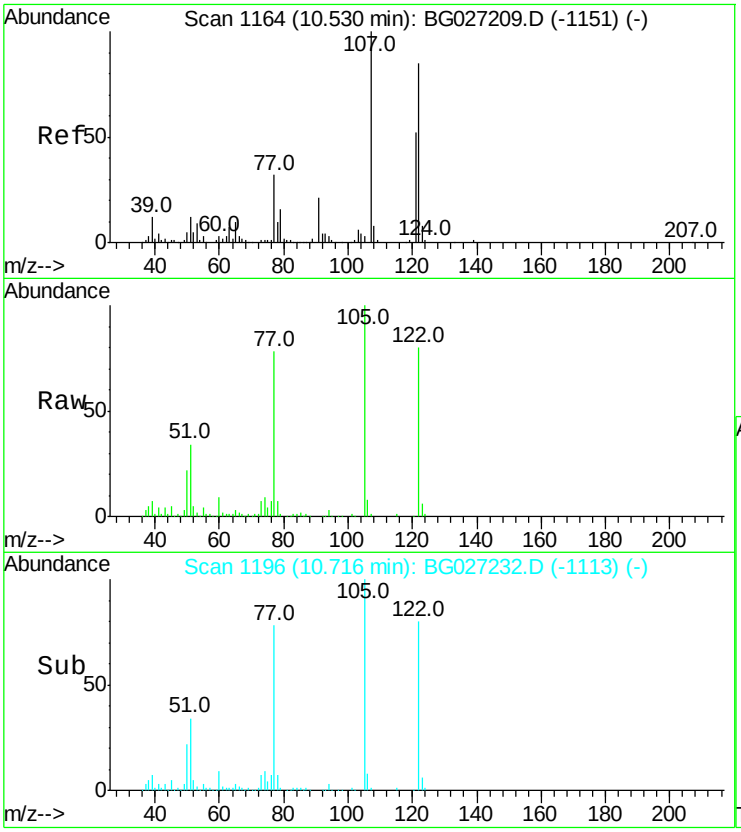


#23
Nitrobenzene-d5
Concen: 106.71 ng
RT: 9.74 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion: 82 Resp: 500933

Ion	Ratio	Lower	Upper
82	100		
128	43.3	26.4	39.6#
54	47.8	49.4	74.2#



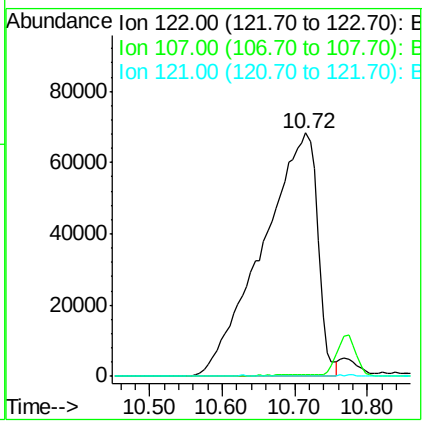


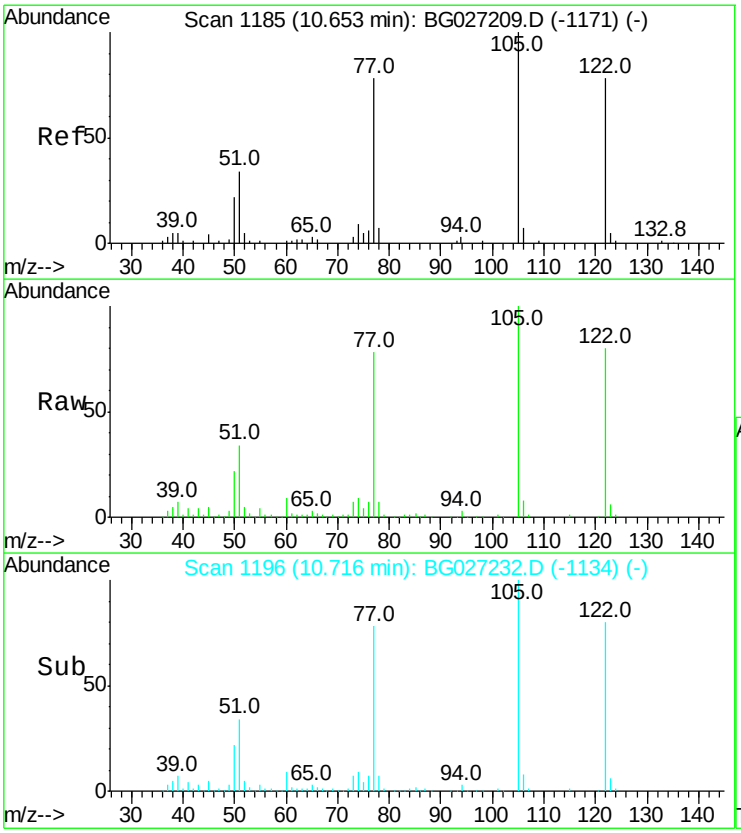
#27
2,4-Dimethylphenol
Concen: 76.06 ng
RT: 10.72 min Scan# 1196
Delta R.T. 0.19 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tgt Ion:122 Resp: 361011

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

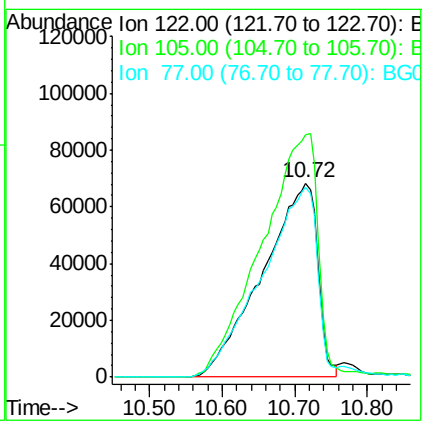


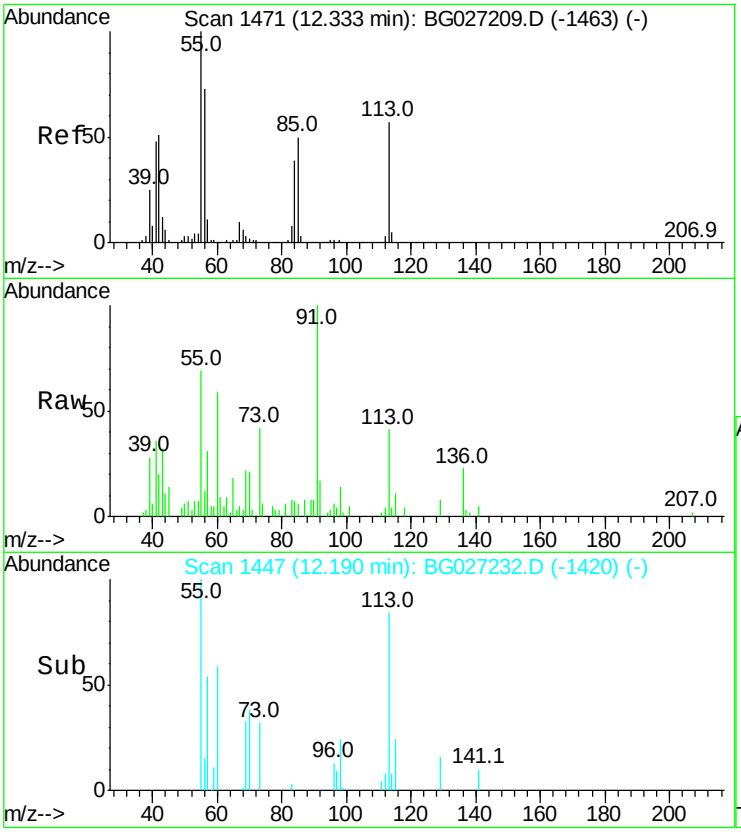


#32
Benzoic acid
Concen: 99.61 ng
RT: 10.72 min Scan# 1196
Delta R.T. 0.06 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion:122 Resp: 361011

Ion	Ratio	Lower	Upper
122	100		
105	125.0	120.1	160.1
77	97.7	104.6	144.6#



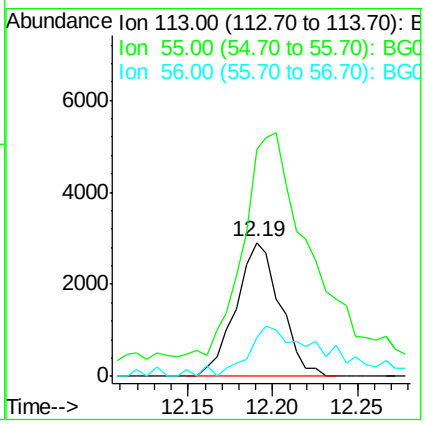


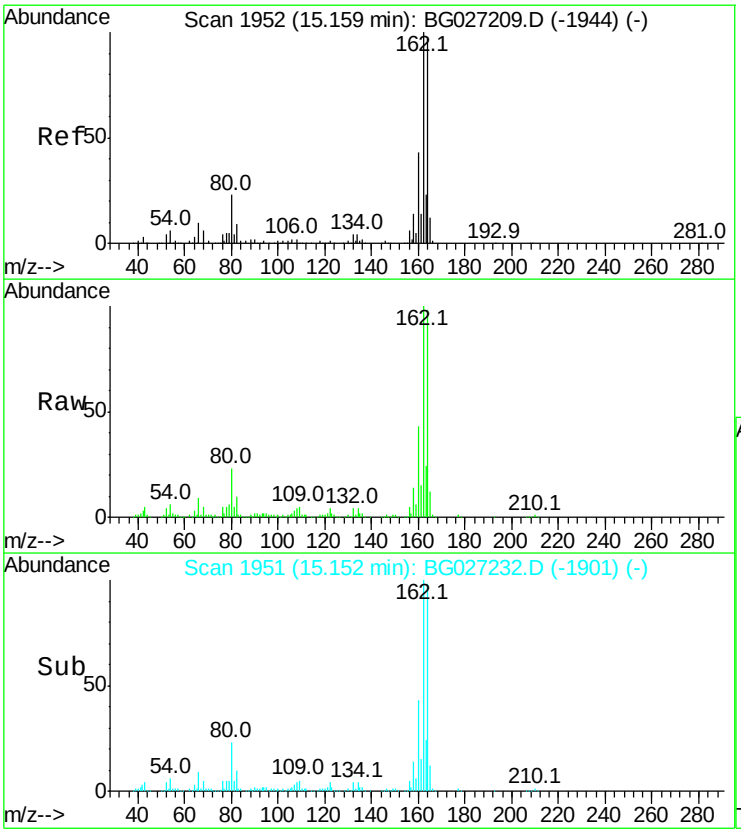
#35
Caprolactam
Concen: 3.57 ng
RT: 12.19 min Scan# 1447
Delta R.T. -0.14 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tgt Ion:113 Resp: 5305

Ion	Ratio	Lower	Upper
113	100		
55	169.2	198.6	238.6#
56	29.2	140.4	180.4#

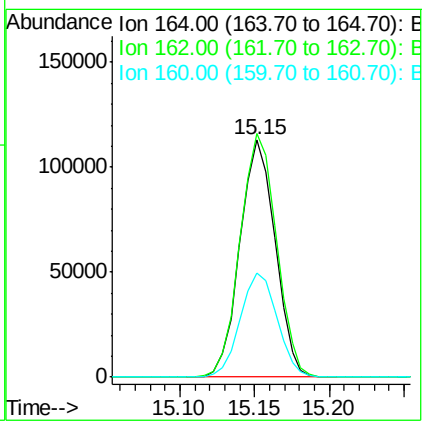


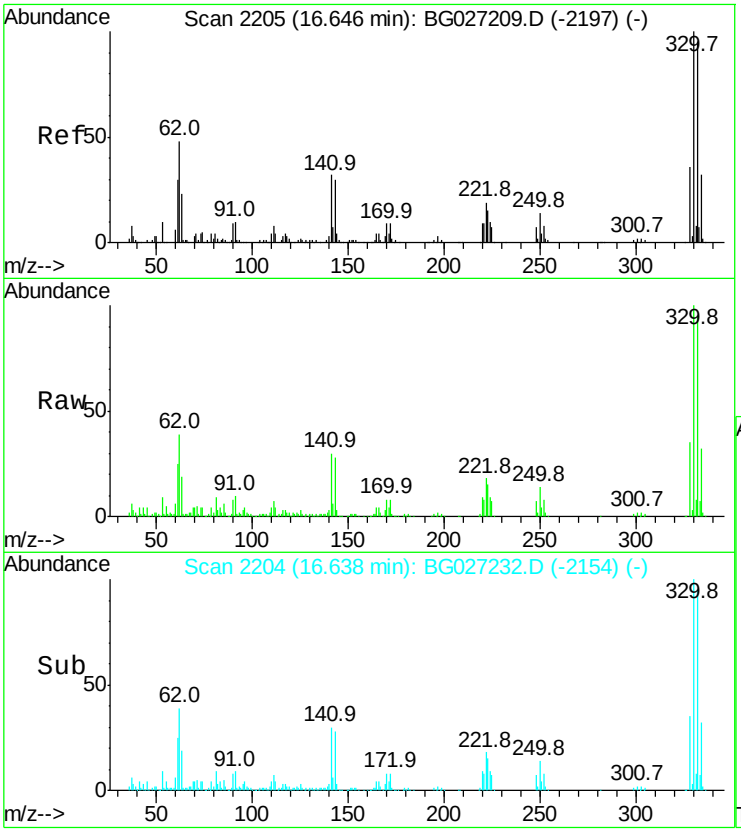


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.15 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion:164 Resp: 184937

Ion	Ratio	Lower	Upper
164	100		
162	102.5	85.1	127.7
160	43.6	34.7	52.1



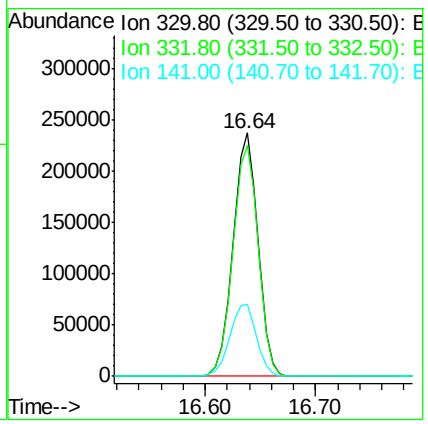


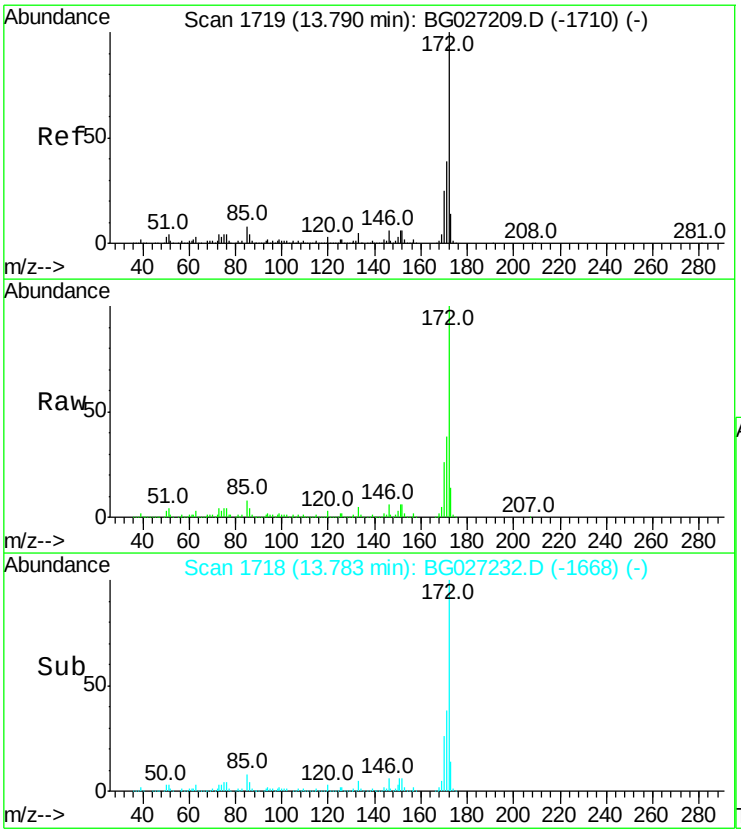
#41
2,4,6-Tribromophenol
Concen: 154.53 ng
RT: 16.64 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tgt Ion:330 Resp: 376327

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	31.9	32.1	48.1#

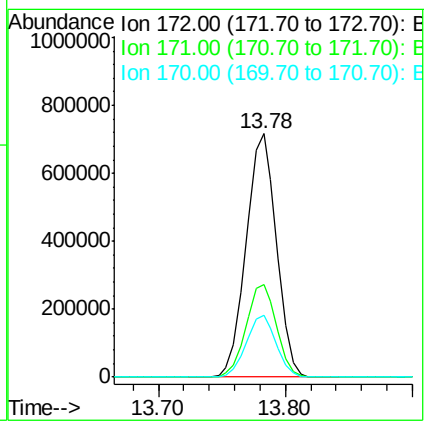


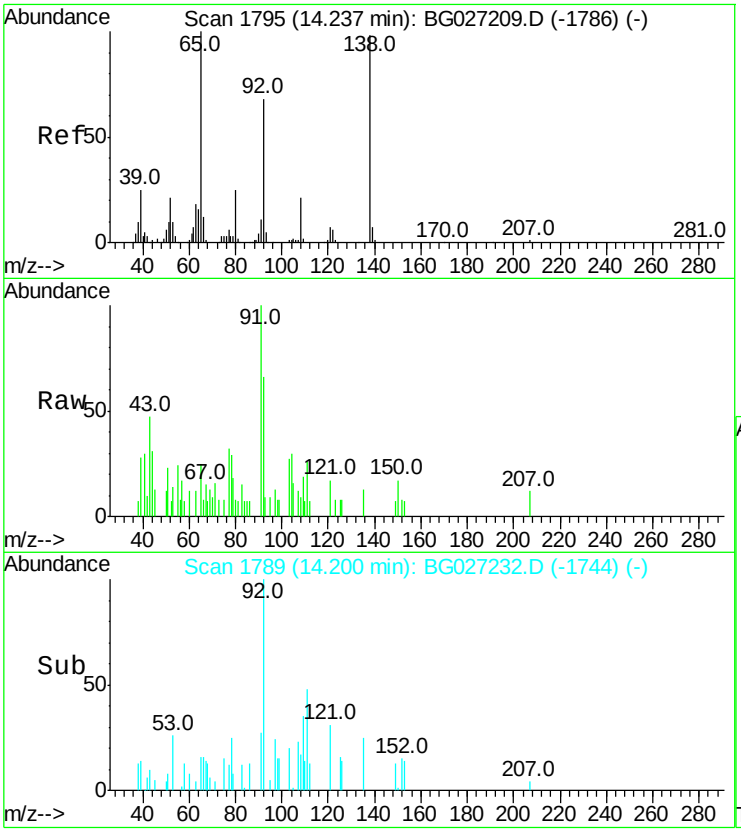


#44
2-Fluorobiphenyl
Concen: 90.01 ng
RT: 13.78 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion:172 Resp: 1189887

Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	25.6	21.8	32.6



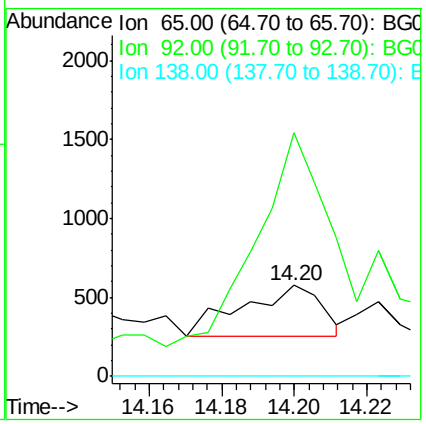


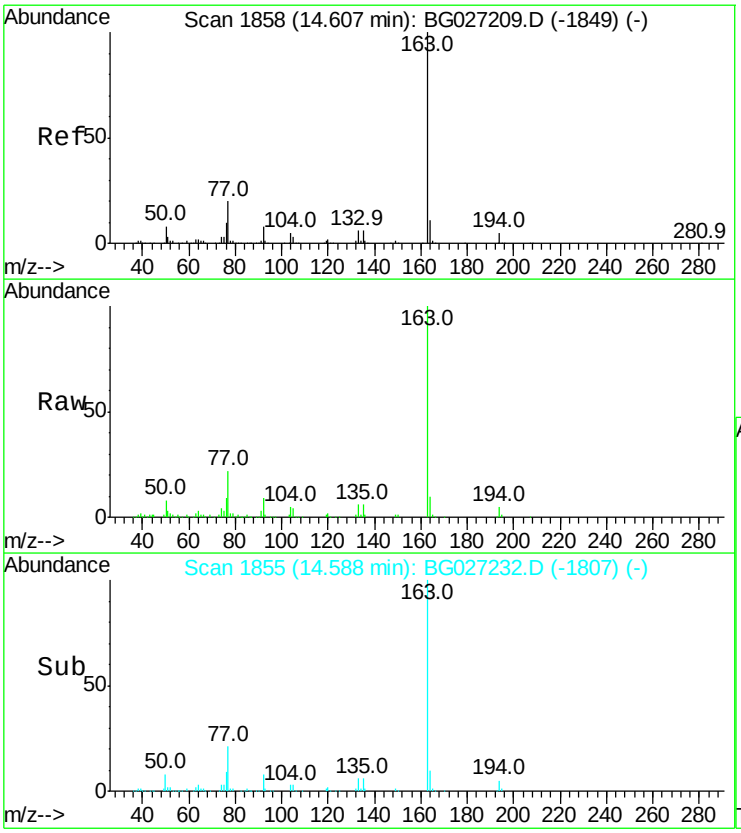
#47
2-Nitroaniline
Concen: 6.96 ng
RT: 14.20 min Scan# 1789
Delta R.T. -0.04 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tgt Ion: 65 Resp: 488

Ion	Ratio	Lower	Upper
65	100		
92	267.2	49.0	73.4#
138	0.0	58.6	87.8#

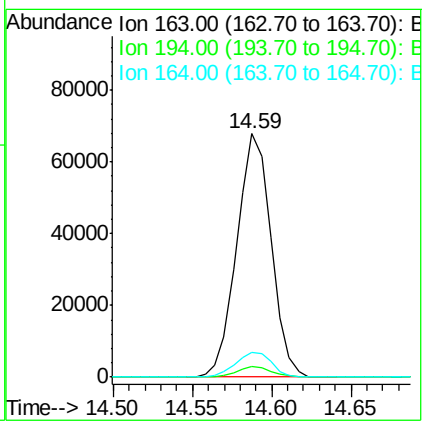


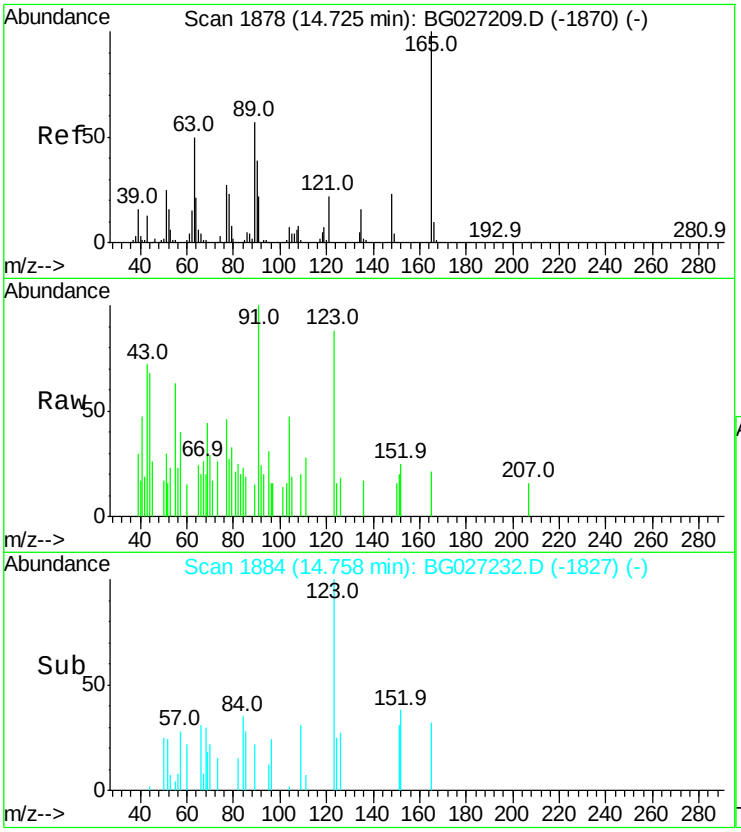


#49
Dimethylphthalate
Concen: 6.95 ng
RT: 14.59 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion:163 Resp: 101935

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.6
164	10.0	9.3	13.9



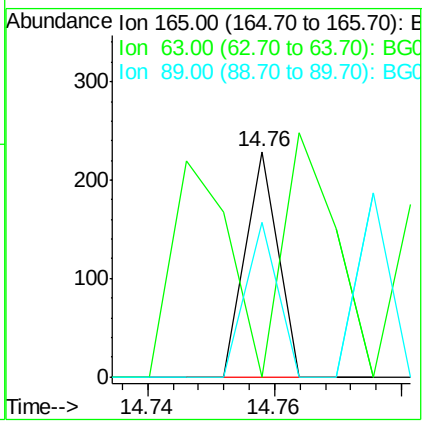


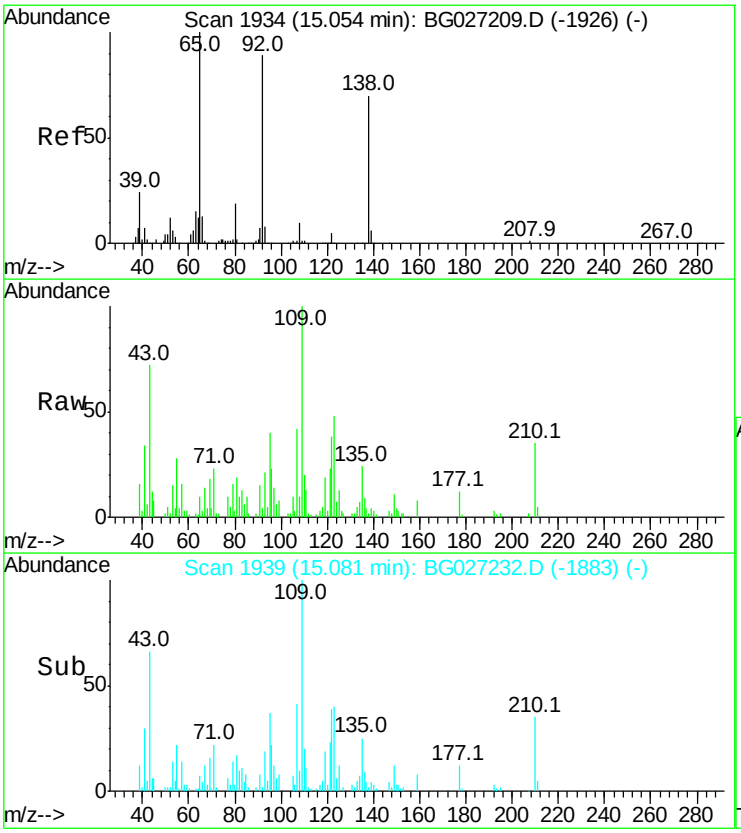
#50
2,6-Dinitrotoluene
Concen: 5.64 ng
RT: 14.76 min Scan# 1884
Delta R.T. 0.03 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tgt Ion:165 Resp: 81

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.9	95.9#
89	68.6	58.6	88.0

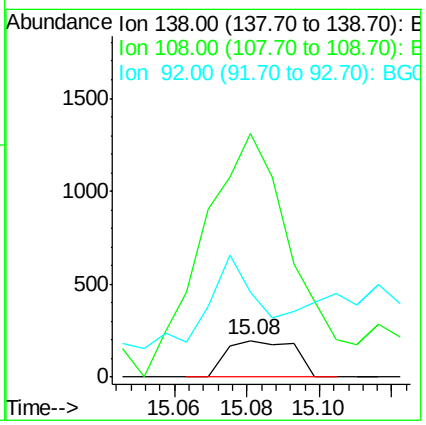


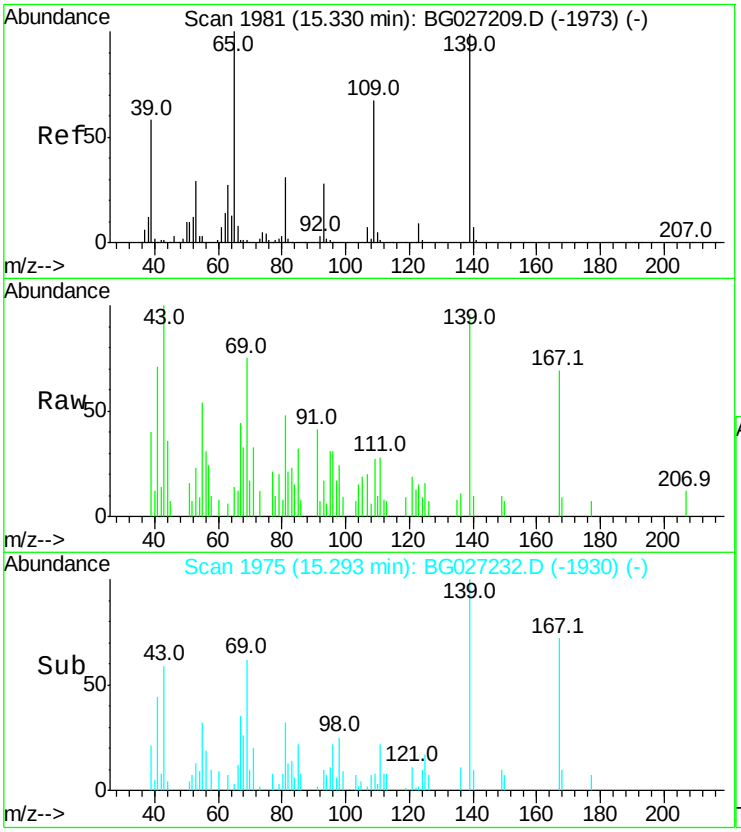


#52
3-Nitroaniline
Concen: 5.79 ng
RT: 15.08 min Scan# 1939
Delta R.T. 0.03 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion:138 Resp: 256

Ion	Ratio	Lower	Upper
138	100		
108	661.6	10.9	16.3#
92	229.8	115.3	172.9#



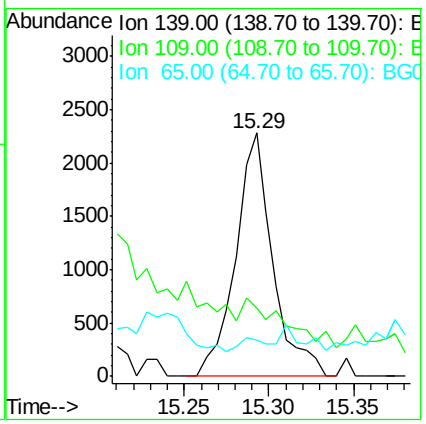


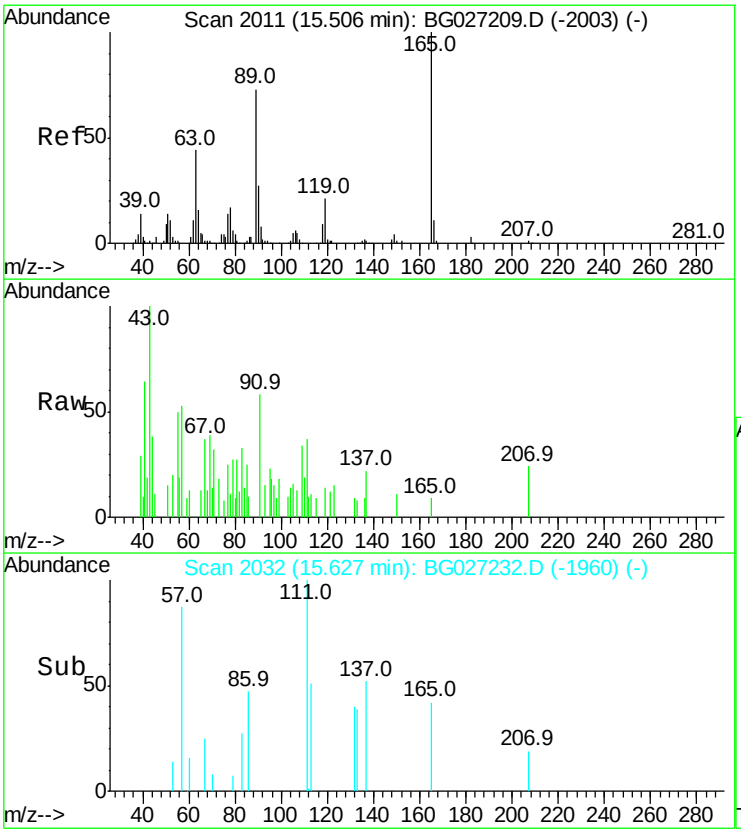
#55
4-Nitrophenol
Concen: 7.29 ng
RT: 15.29 min Scan# 1975
Delta R.T. -0.04 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tgt Ion:139 Resp: 3495

Ion	Ratio	Lower	Upper
139	100		
109	27.8	101.2	141.2#
65	14.9	135.3	175.3#

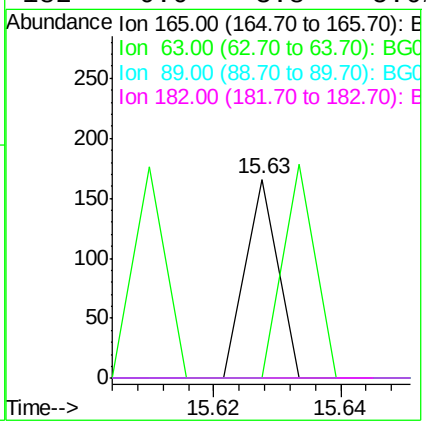


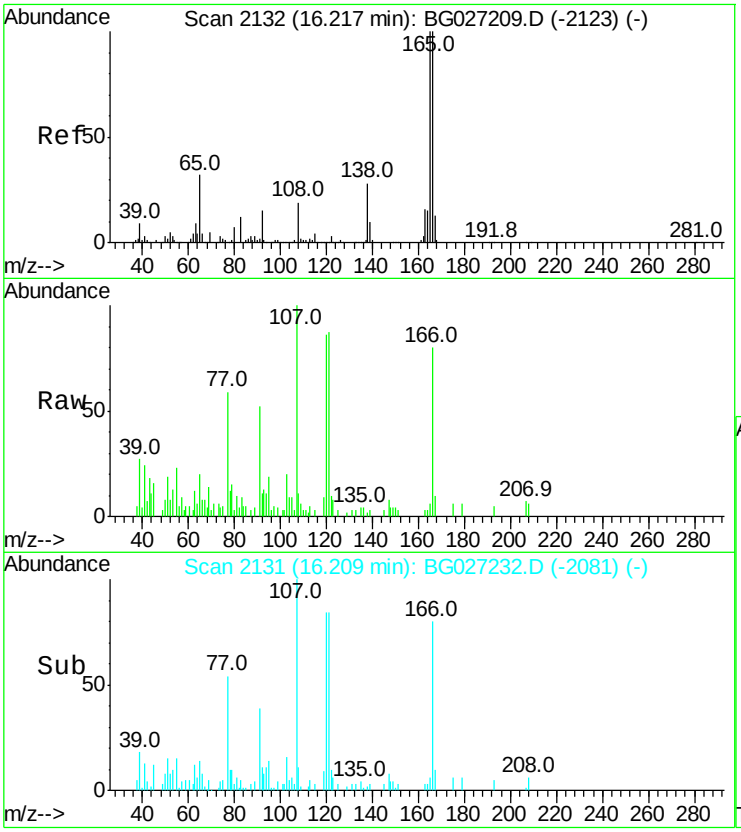


#56
2,4-Dinitrotoluene
Concen: 7.00 ng
RT: 15.63 min Scan# 2032
Delta R.T. 0.12 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion:165 Resp: 59

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#



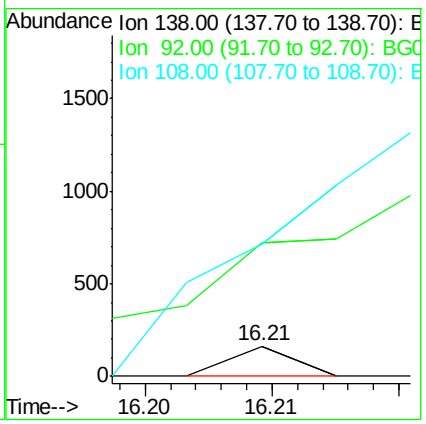


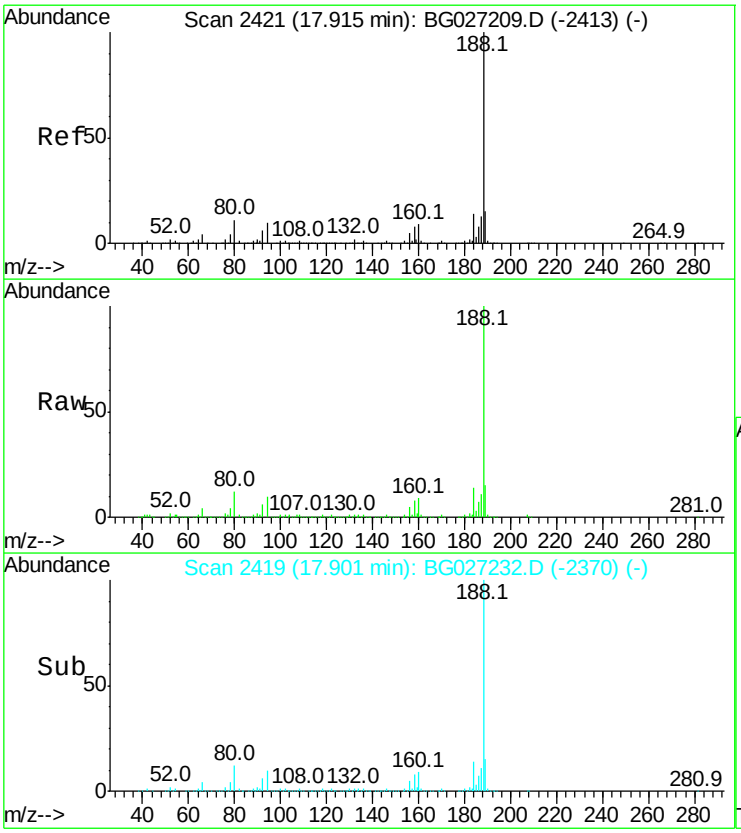
#61
4-Nitroaniline
Concen: 5.91 ng
RT: 16.21 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tgt Ion:138 Resp: 57

Ion	Ratio	Lower	Upper
138	100		
92	444.4	44.2	84.2#
108	440.1	104.8	144.8#

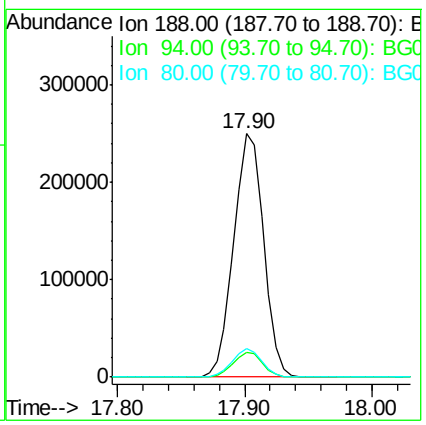


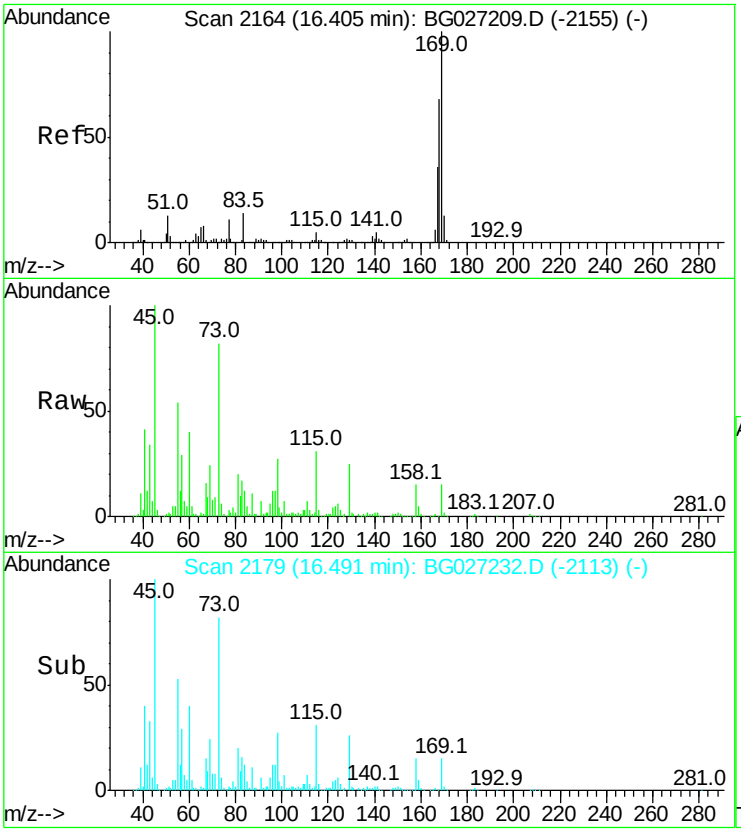


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion:188 Resp: 408616

Ion	Ratio	Lower	Upper
188	100		
94	10.2	5.8	8.8#
80	11.6	7.5	11.3#



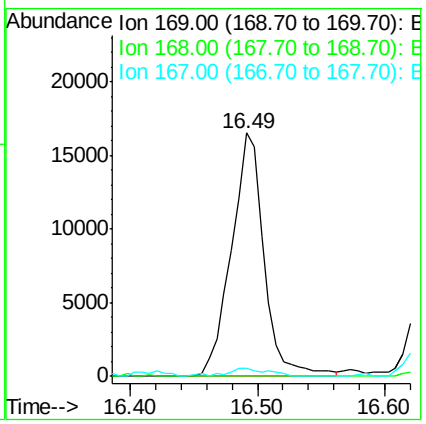


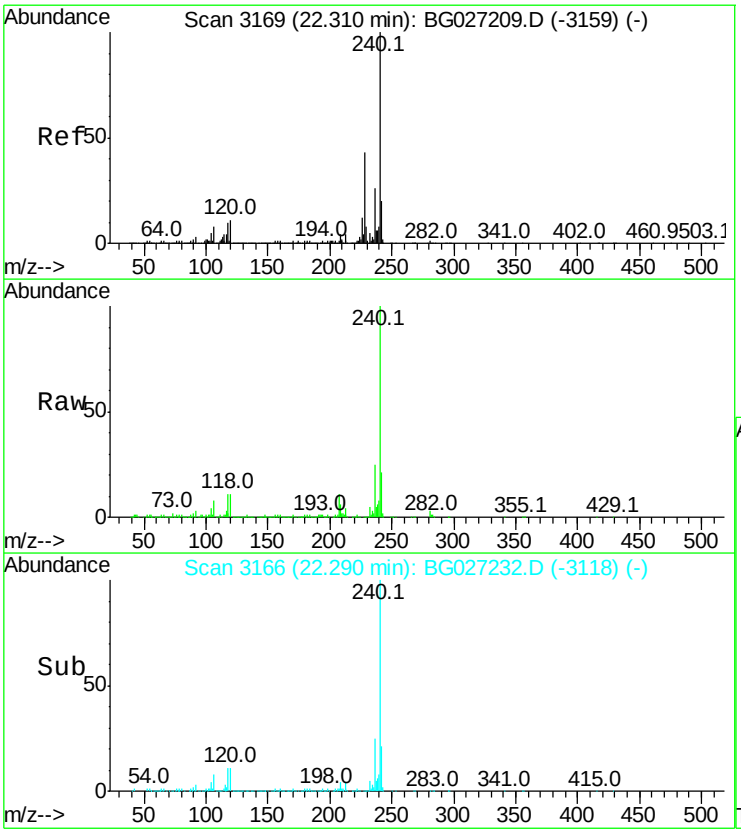
#65
n-Nitrosodiphenylamine
Concen: 2.30 ng
RT: 16.49 min Scan# 2179
Delta R.T. 0.09 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tgt Ion:169 Resp: 29446

Ion	Ratio	Lower	Upper
169	100		
168	0.0	55.7	83.5#
167	3.3	29.8	44.6#

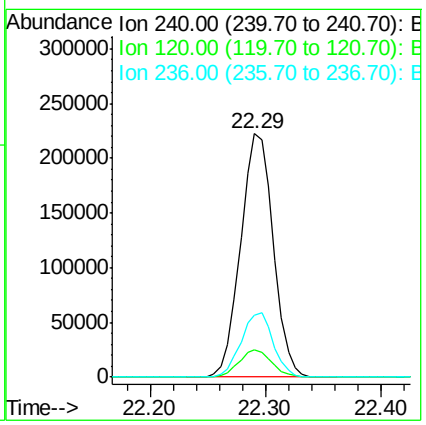


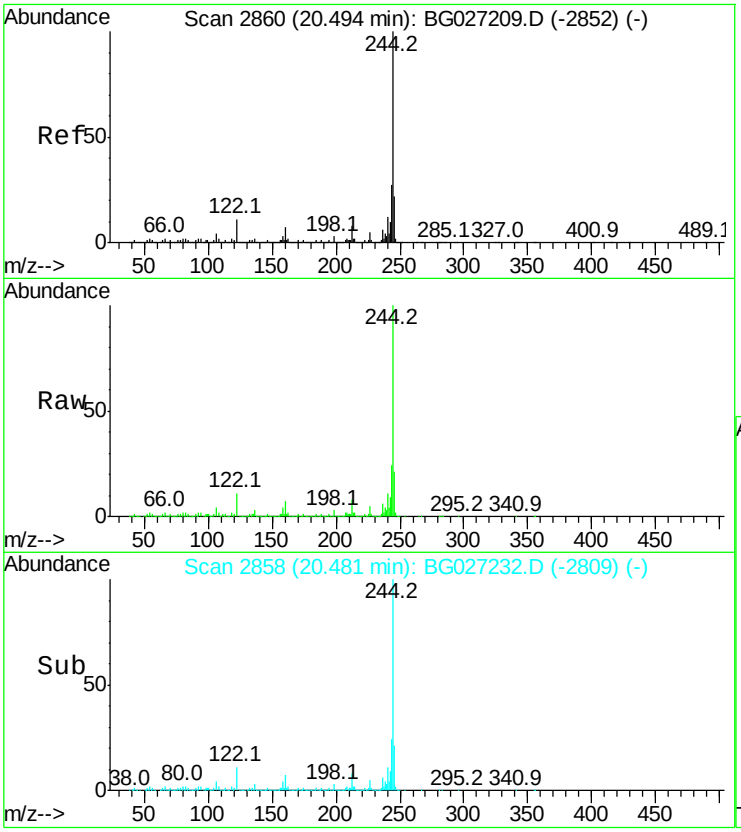


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.29 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion:240 Resp: 437431

Ion	Ratio	Lower	Upper
240	100		
120	11.2	5.7	8.5#
236	25.3	22.2	33.4



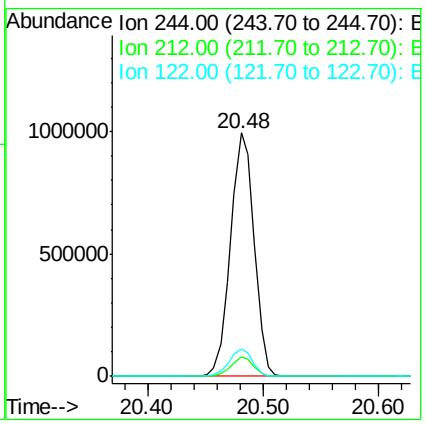


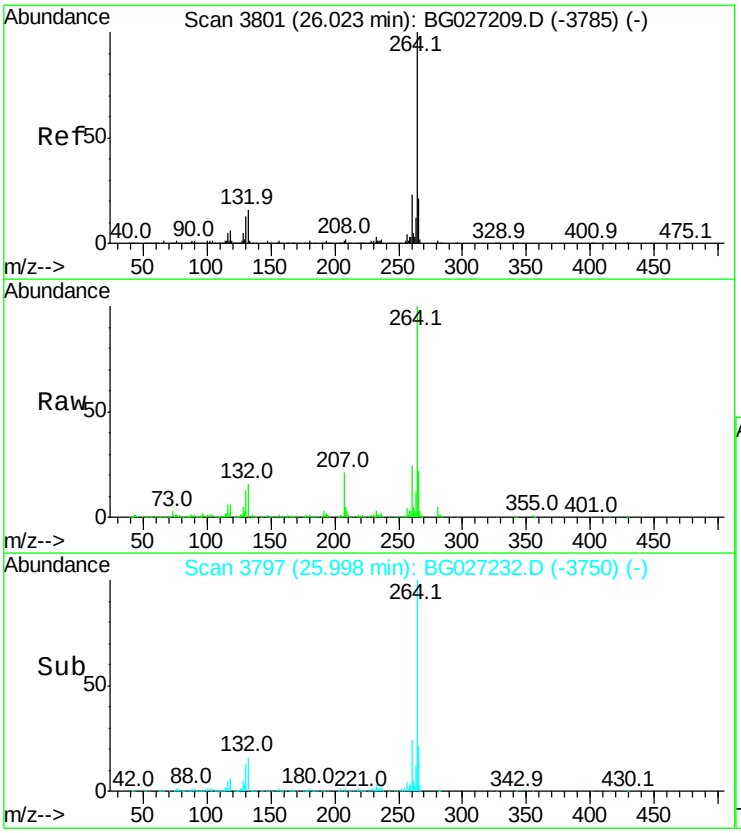
#78
Terphenyl-d14
Concen: 81.84 ng
RT: 20.48 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tgt Ion:244 Resp: 1403426

Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	11.3	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.00 min Scan# 3797
Delta R.T. -0.03 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion:264 Resp: 417868

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