Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
Data File : BG028997.D
Acq On : 1 Oct 2017 2:41
Operator : SJ/JU
Sample : I5546-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 01 04:38:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	54289	20.00	ng		-0.08
21) Naphthalene-d8	11.18	136	211726	20.00	ng		0.03
38) Acenaphthene-d10	14.96	164	133910	20.00	ng		0.01
63) Phenanthrene-d10	17.67	188	302930	20.00	ng		-0.03
75) Chrysene-d12	22.03	240	285073	20.00	ng		0.00
86) Perylene-d12	25.49	264	378039	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	7.61	99	8001	1.62	ng		0.12
23) Nitrobenzene-d5	9.60	82	415592	93.90	ng		0.10
41) 2,4,6-Tribromophenol	16.40	330	9282	4.19	ng		-0.04
44) 2-Fluorobiphenyl	13.65	172	1034353	103.00	ng		0.08
78) Terphenyl-d14	20.22	244	1949703	145.85	ng		-0.06
Target Compounds							Qvalue
9) Benzaldehyde	7.40	77	14295	4.651	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.66	45	239307	35.081	ng		78
19) n-Nitroso-di-n-propylamine	9.18	70	43654	12.431	ng	#	1
20) 3+4-Methylphenols	9.03	107	17307875	3622.136	ng	#	33
22) Acetophenone	8.90	105	165553	26.742	ng	#	1
24) Nitrobenzene	9.36	77	175246	35.757	ng	#	56
32) Benzoic acid	10.50	122	62	6.106	ng	#	1
33) 4-Chloroaniline	11.33	127	9962	2.150	ng	#	51
35) Caprolactam	11.91	113	30404	22.350	ng	#	1
47) 2-Nitroaniline	14.25	65	52068	17.324	ng	#	50
53) 2,4-Dinitrophenol	15.22	184	53	8.038	ng	#	1
62) Azobenzene	16.44	77	2895150	298.310	ng	#	47
72) Carbazole	17.85	167	74380	5.278	ng	#	88
76) Benzidine	19.89	184	352061	47.623	ng		98

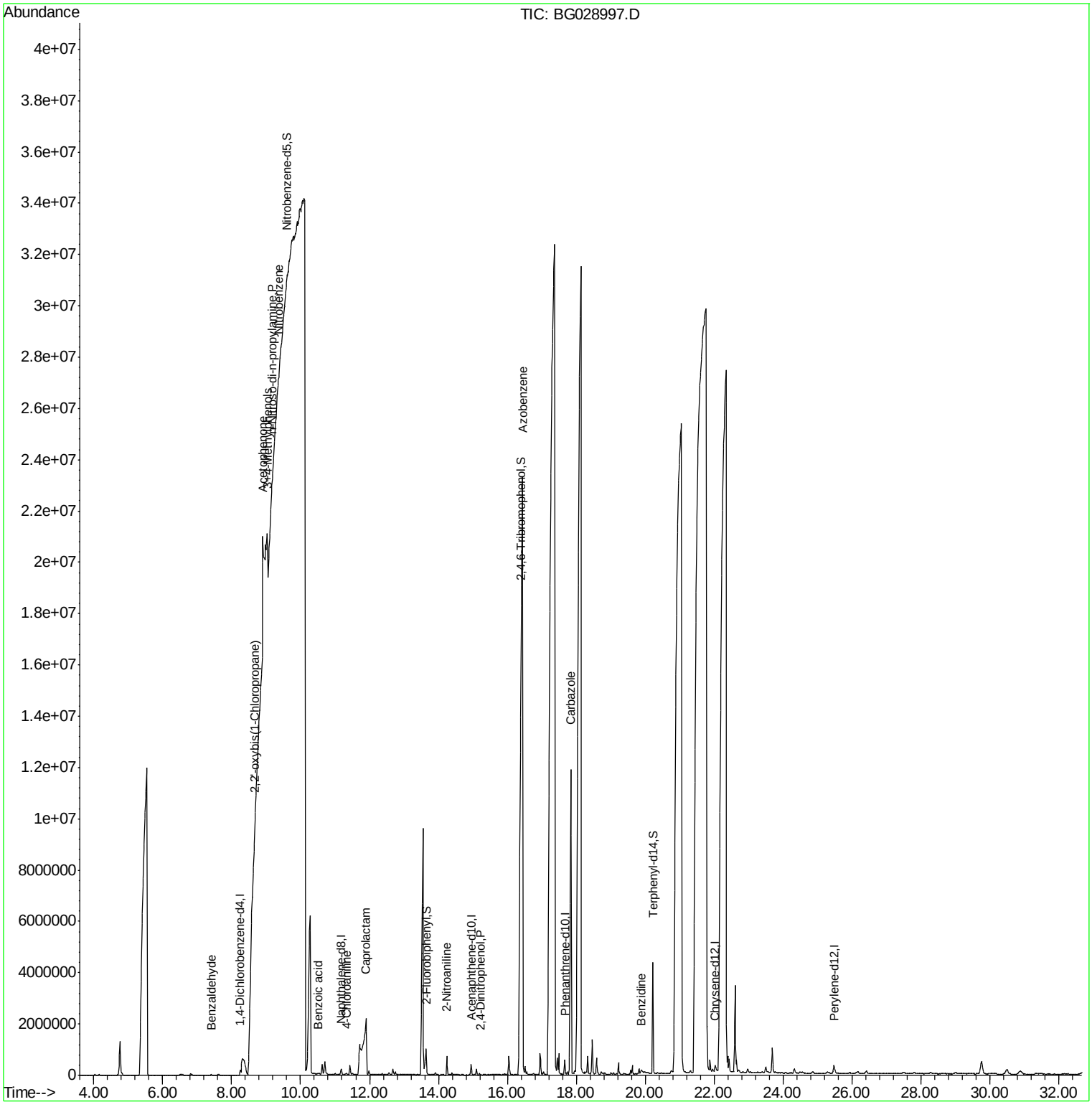
(#) = qualifier out of range (m) = manual integration (+) = signals summed

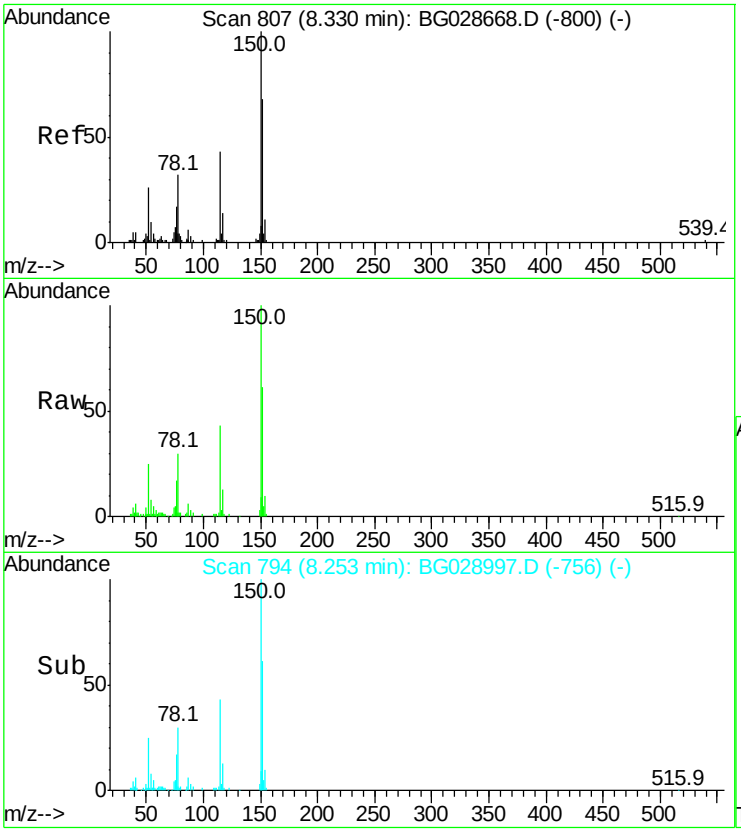
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
Data File : BG028997.D
Acq On : 1 Oct 2017 2:41
Operator : SJ/JU
Sample : I5546-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 01 04:38:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration



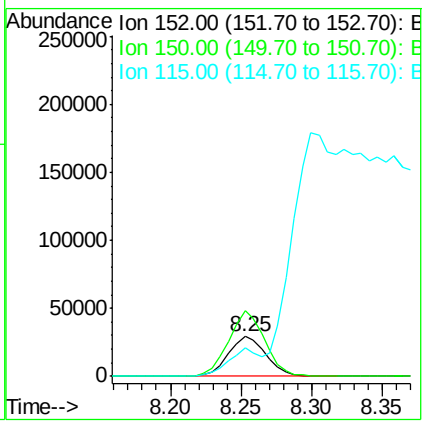


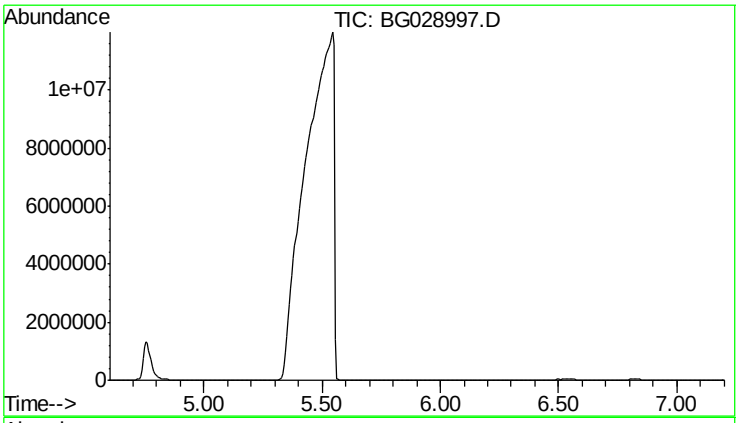
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.25 min Scan# 794
Delta R.T. -0.08 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 54289

Ion	Ratio	Lower	Upper
152	100		
150	163.0	114.0	171.0
115	70.2	48.1	72.1



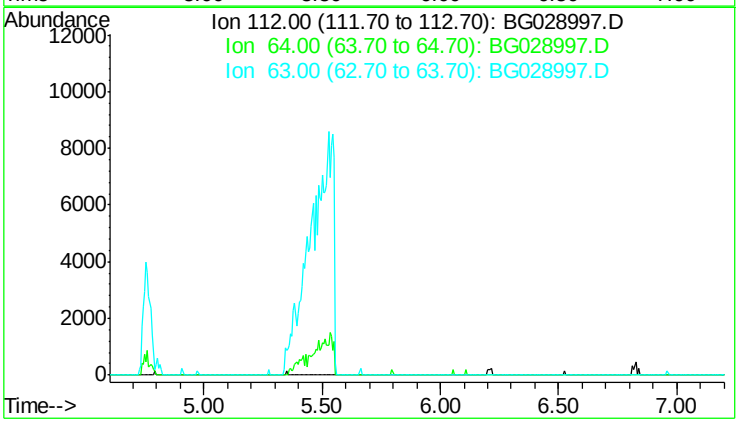


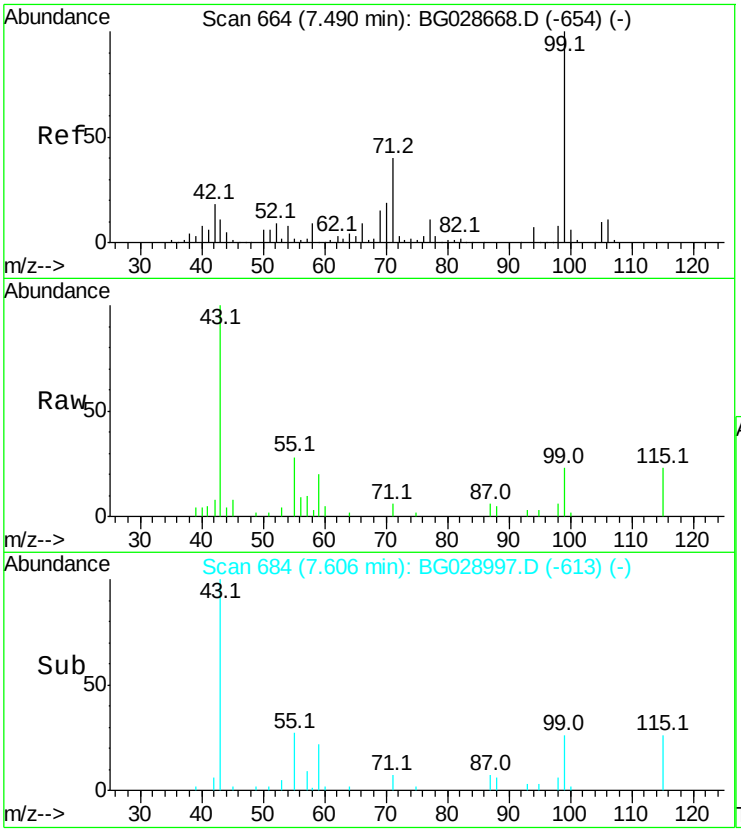
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.90 min

Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	77.2
63	46.5



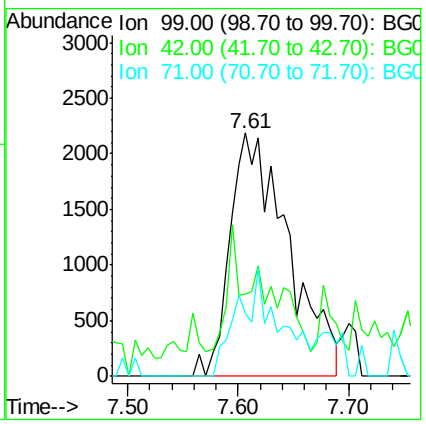


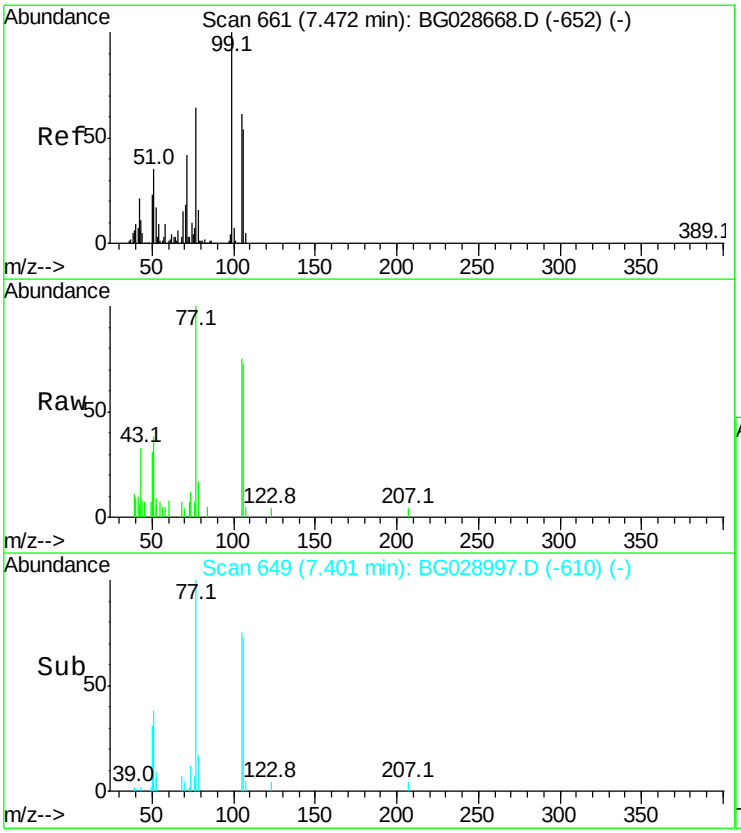
#7
Phenol-d6
Concen: 1.615 ng
RT: 7.61 min Scan# 684
Delta R.T. 0.12 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 8001

Ion	Ratio	Lower	Upper
99	100		
42	33.6	20.5	30.7#
71	25.7	37.6	56.4#

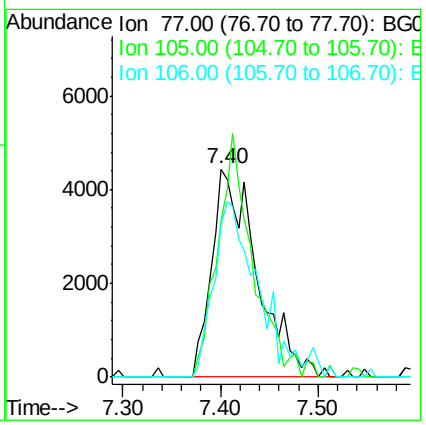


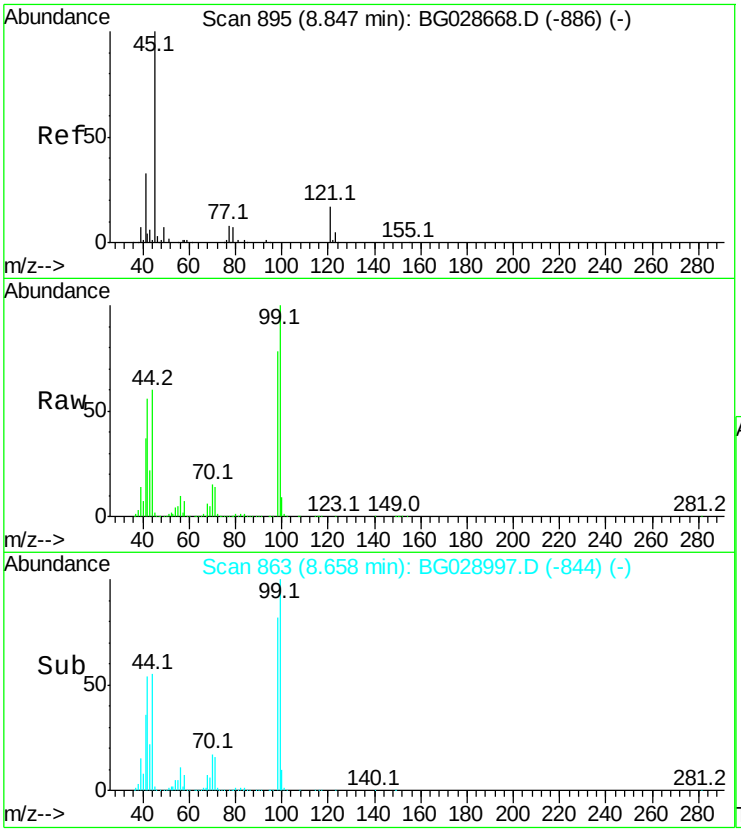


#9
Benzaldehyde
Concen: 4.651 ng
RT: 7.40 min Scan# 649
Delta R.T. -0.07 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion: 77 Resp: 14295

Ion	Ratio	Lower	Upper
77	100		
105	75.0	60.9	100.9
106	73.4	55.1	95.1



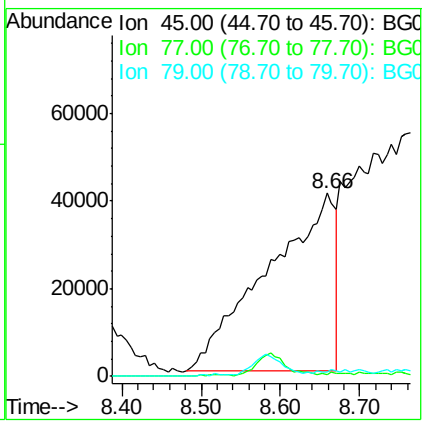


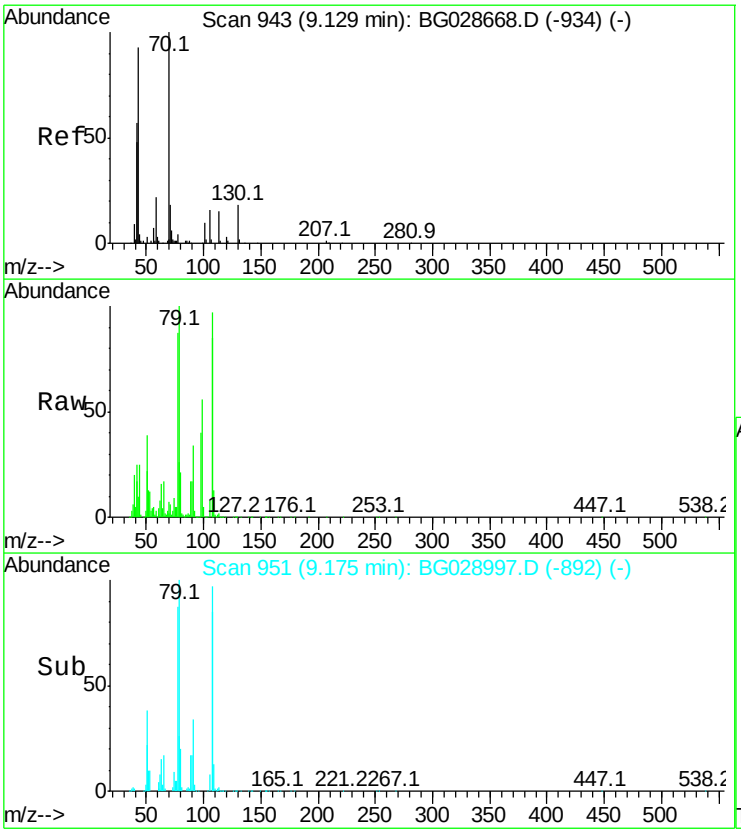
#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.081 ng
RT: 8.66 min Scan# 863
Delta R.T. -0.19 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 45 Resp: 239307

Ion	Ratio	Lower	Upper
45	100		
77	1.2	0.0	30.6
79	2.2	0.0	28.5

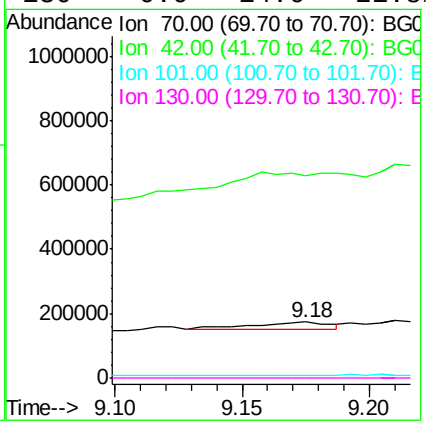


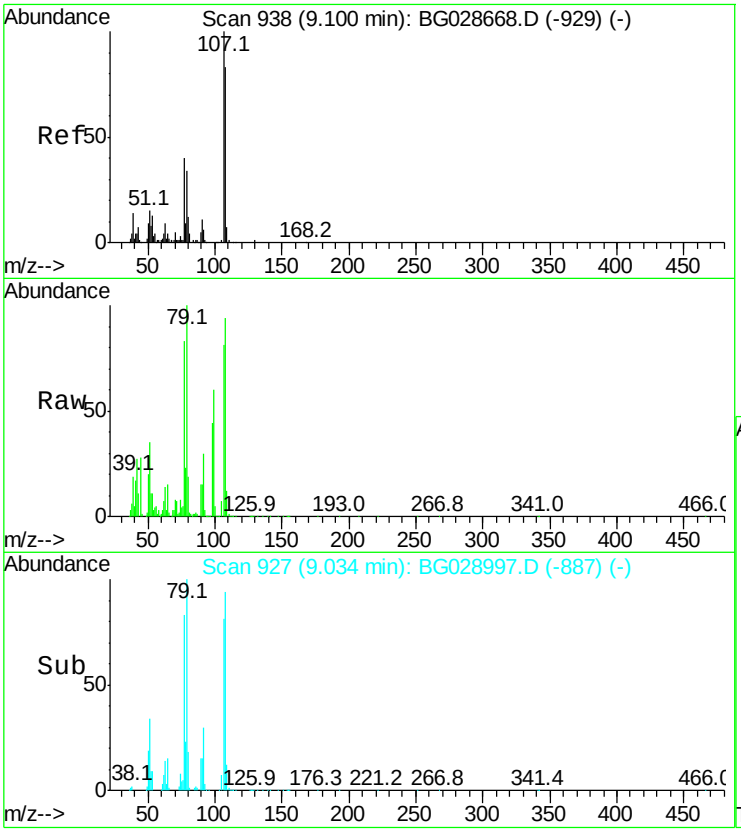


#19
n-Nitroso-di-n-propylamine
Concen: 12.431 ng
RT: 9.18 min Scan# 951
Delta R.T. 0.05 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion: 70 Resp: 43654

Ion	Ratio	Lower	Upper
70	100		
42	363.6	56.1	84.1#
101	4.6	7.5	11.3#
130	0.0	14.6	21.8#



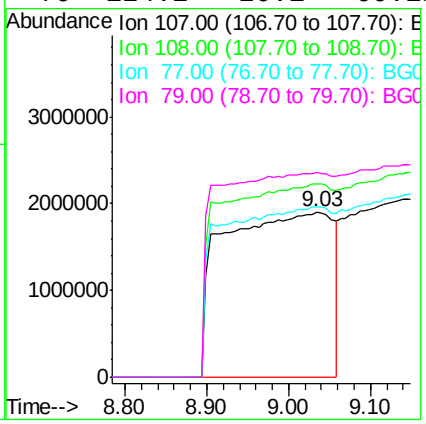


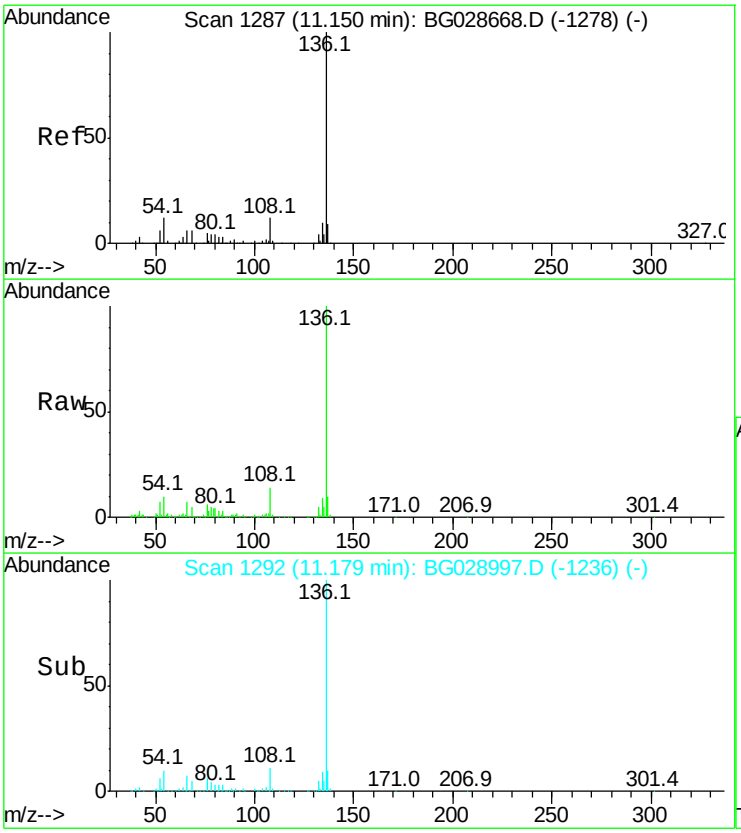
#20
3+4-Methylphenols
Concen: 3622.136 ng
RT: 9.03 min Scan# 927
Delta R.T. -0.07 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp:17307875

Ion	Ratio	Lower	Upper
107	100		
108	116.8	70.8	110.8#
77	103.1	25.8	65.8#
79	124.2	20.1	60.1#

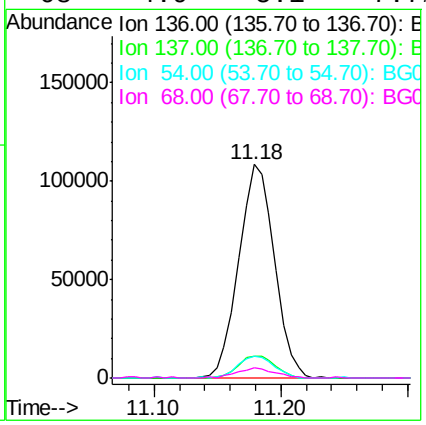


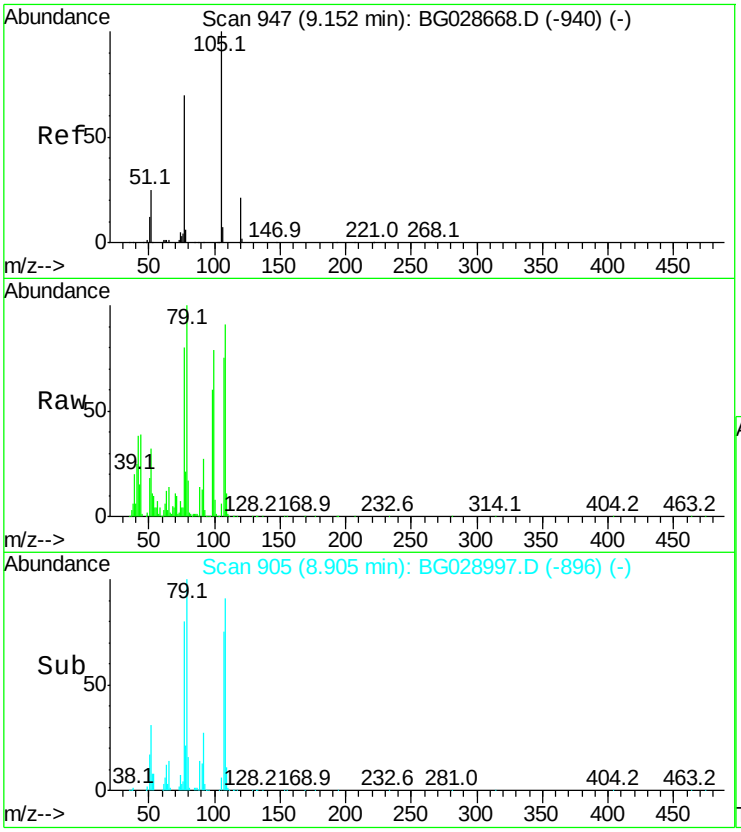


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.18 min Scan# 1292
Delta R.T. 0.03 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion:136 Resp: 211726

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	10.4	9.3	13.9
68	4.9	5.1	7.7#



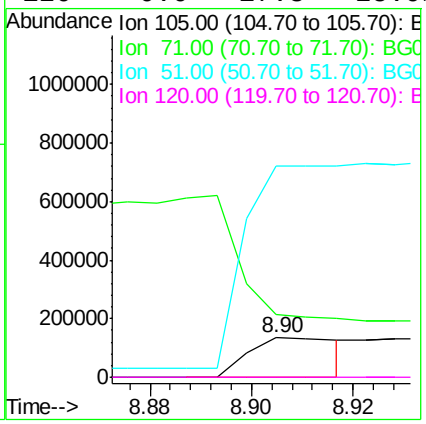


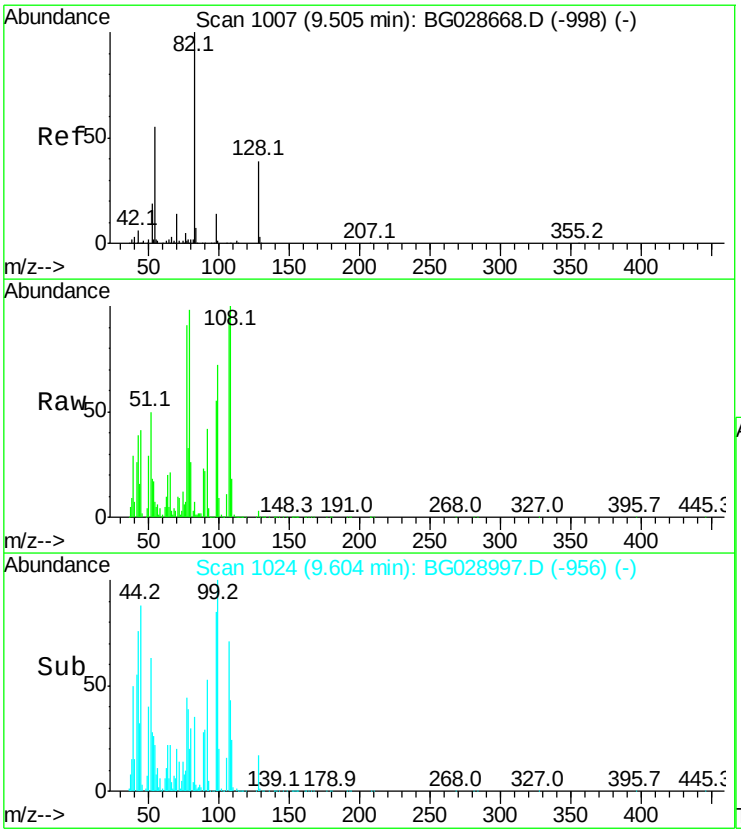
#22
Acetophenone
Concen: 26.742 ng
RT: 8.90 min Scan# 905
Delta R.T. -0.25 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 165553

Ion	Ratio	Lower	Upper
105	100		
71	160.3	0.9	1.3#
51	538.8	34.0	51.0#
120	0.0	17.3	25.9#

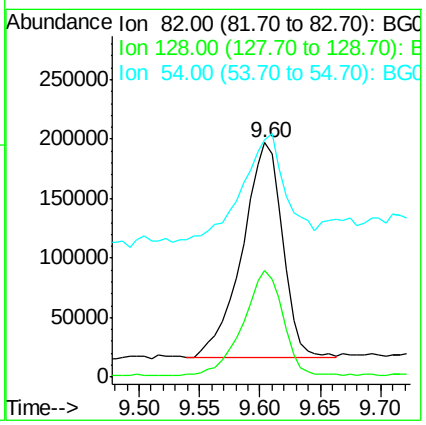


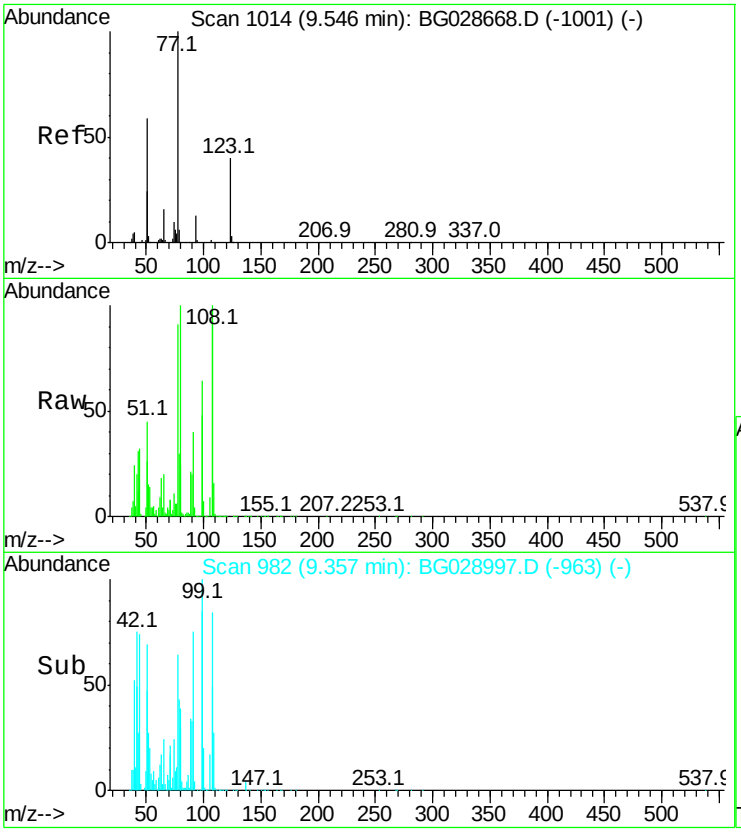


#23
Nitrobenzene-d5
Concen: 93.899 ng
RT: 9.60 min Scan# 1024
Delta R.T. 0.10 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion: 82 Resp: 415592

Ion	Ratio	Lower	Upper
82	100		
128	45.3	26.4	39.6#
54	101.3	49.4	74.2#



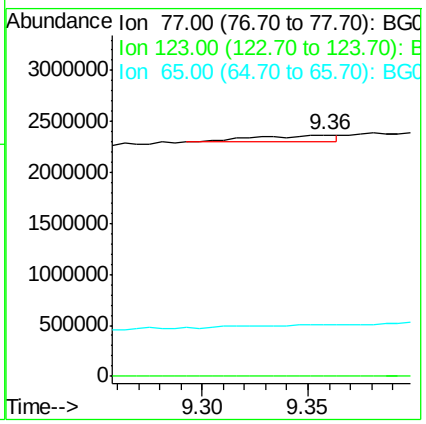


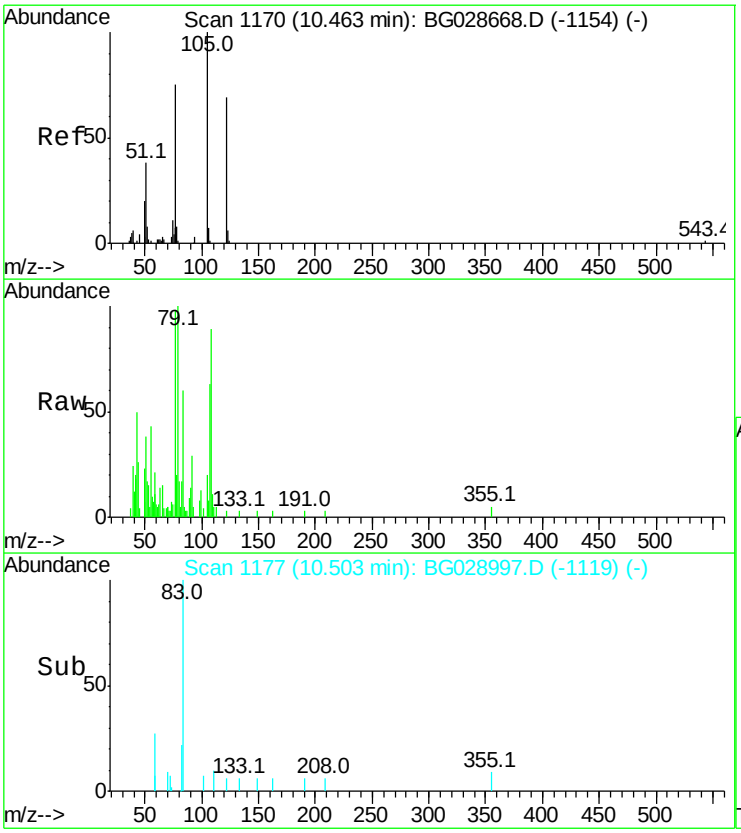
#24
Nitrobenzene
Concen: 35.757 ng
RT: 9.36 min Scan# 982
Delta R.T. -0.19 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 175246

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	21.6	12.4	18.6#

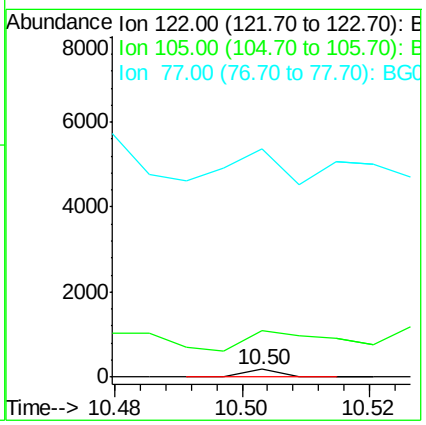


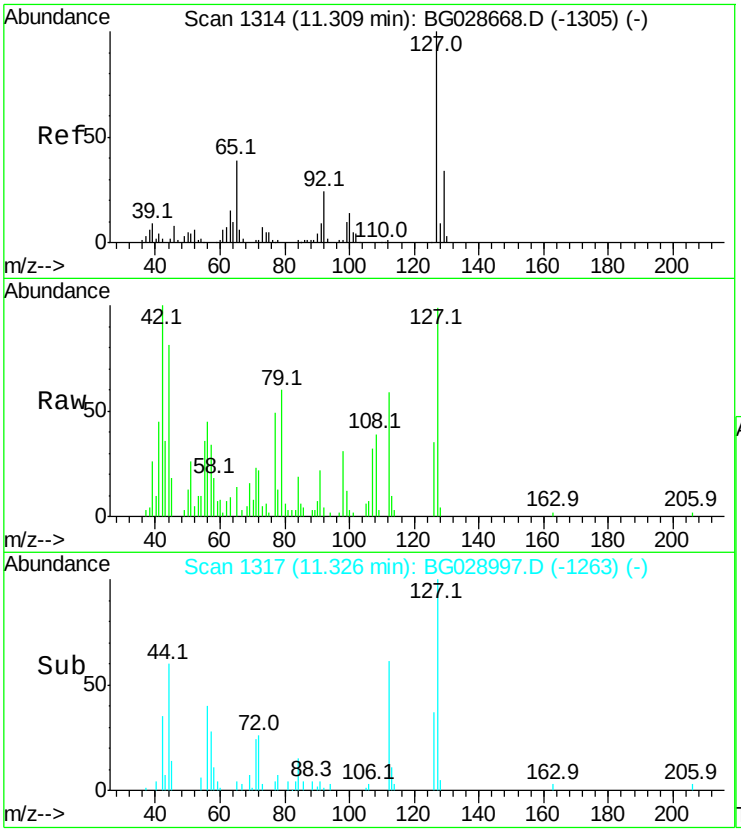


#32
Benzoic acid
Concen: 6.106 ng
RT: 10.50 min Scan# 1177
Delta R.T. 0.04 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion:122 Resp: 62

Ion	Ratio	Lower	Upper
122	100		
105	623.3	120.1	160.1#
77	3045.5	104.6	144.6#



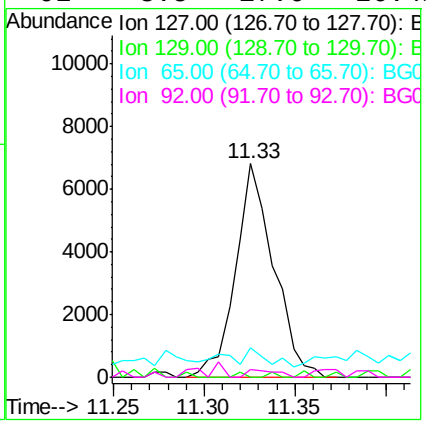


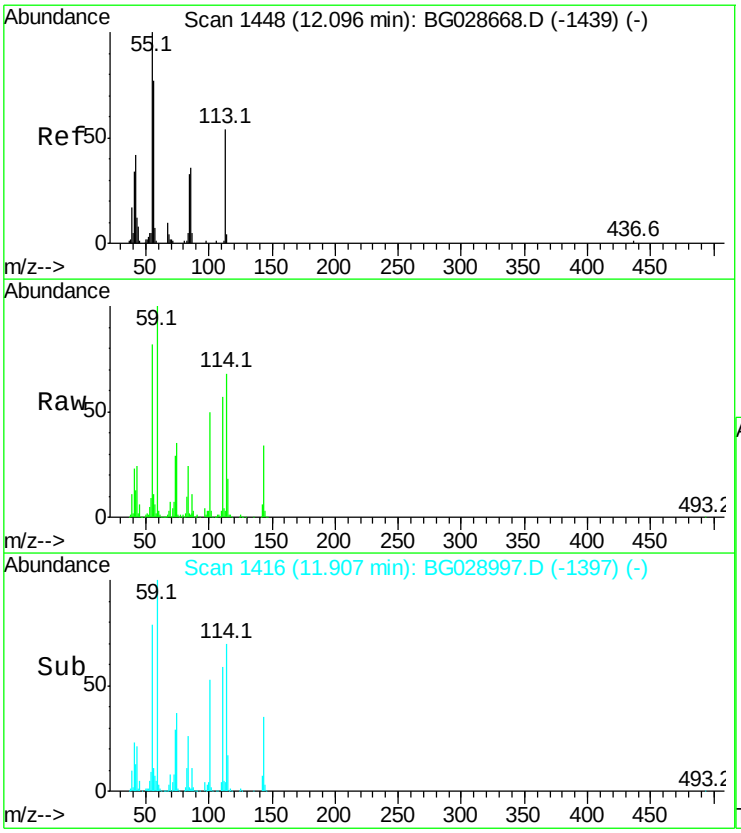
#33
4-Chloroaniline
Concen: 2.150 ng
RT: 11.33 min Scan# 1317
Delta R.T. 0.02 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 9962

Ion	Ratio	Lower	Upper
127	100		
129	0.0	23.6	35.4#
65	13.9	37.7	56.5#
92	3.5	17.6	26.4#

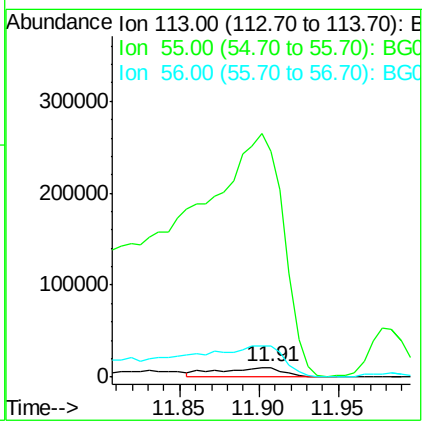


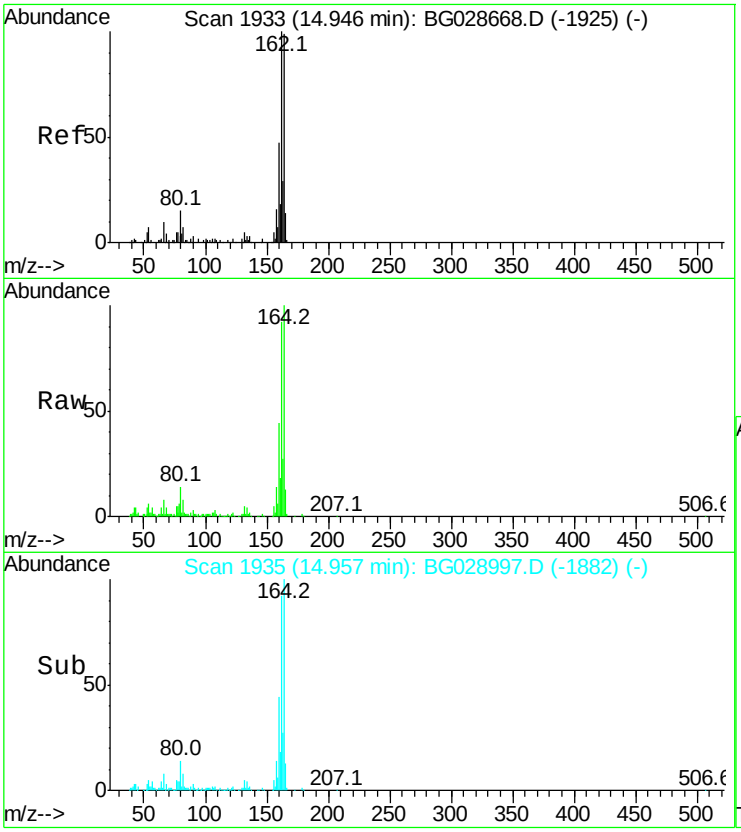


#35
Caprolactam
Concen: 22.350 ng
RT: 11.91 min Scan# 1416
Delta R.T. -0.19 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion:113 Resp: 30404

Ion	Ratio	Lower	Upper
113	100		
55	2378.3	198.6	238.6#
56	329.1	140.4	180.4#



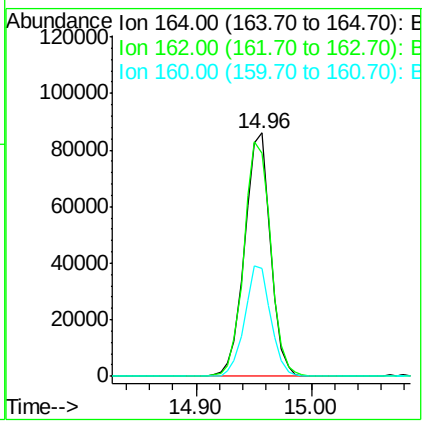


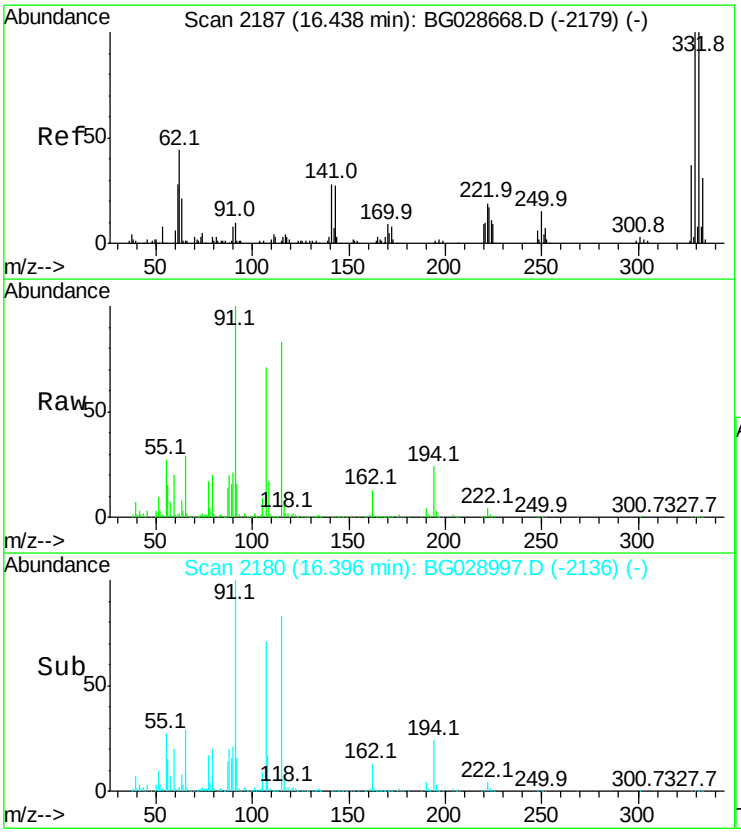
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.96 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 133910

Ion	Ratio	Lower	Upper
164	100		
162	91.5	85.1	127.7
160	44.5	34.7	52.1

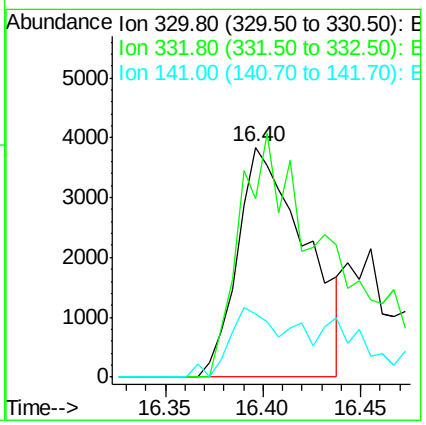


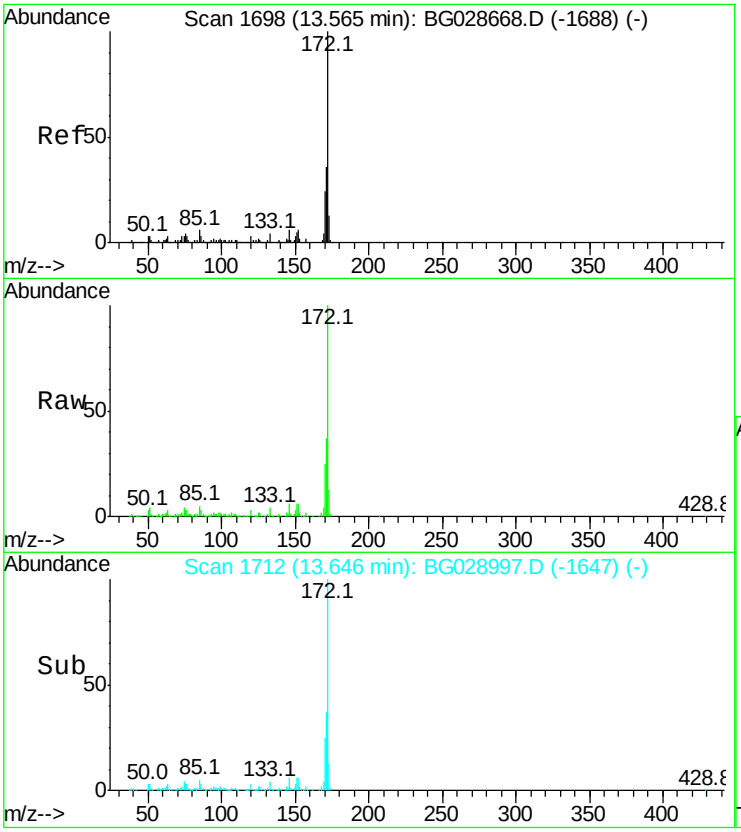


#41
2,4,6-Tribromophenol
Concen: 4.191 ng
RT: 16.40 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion:330 Resp: 9282

Ion	Ratio	Lower	Upper
330	100		
332	140.7	77.3	115.9#
141	19.3	32.1	48.1#



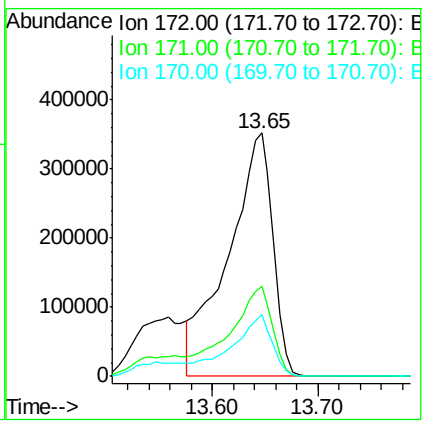


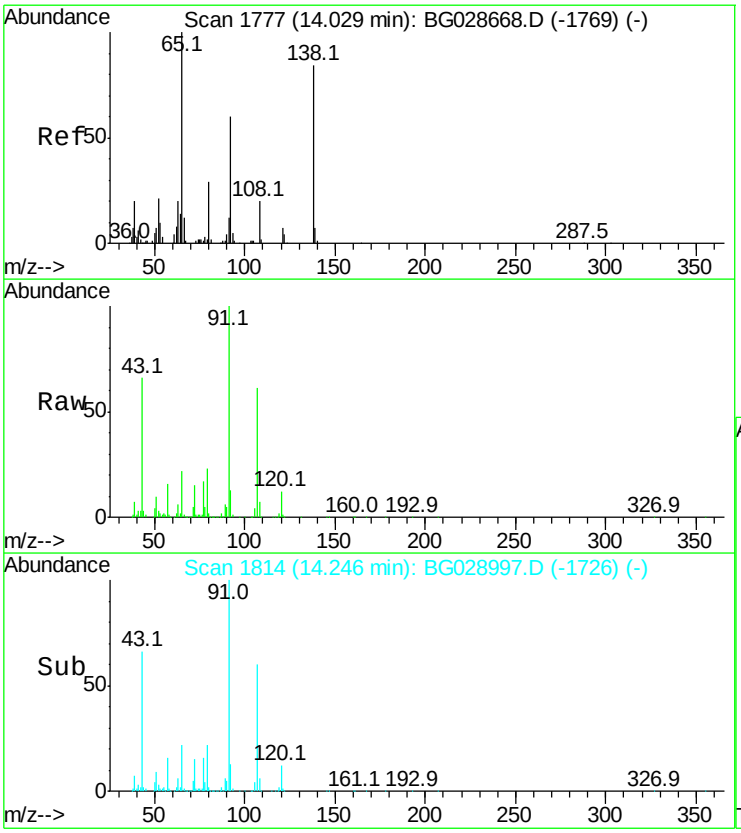
#44
2-Fluorobiphenyl
Concen: 102.997 ng
RT: 13.65 min Scan# 1712
Delta R.T. 0.08 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1034353

Ion	Ratio	Lower	Upper
172	100		
171	36.8	32.2	48.2
170	25.2	21.8	32.6

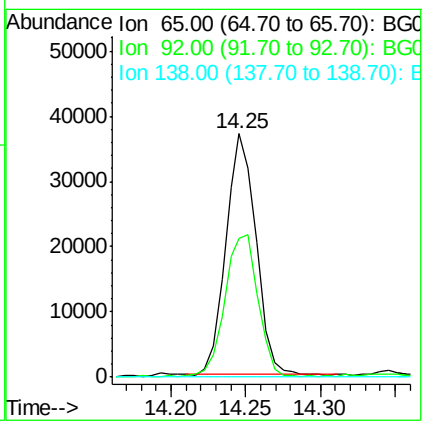


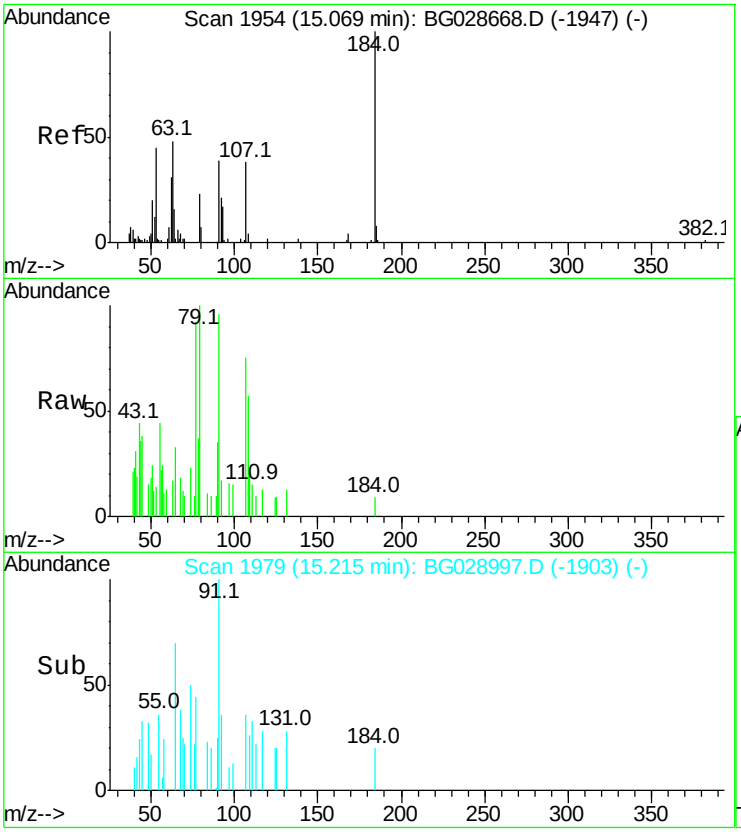


#47
2-Nitroaniline
Concen: 17.324 ng
RT: 14.25 min Scan# 1814
Delta R.T. 0.22 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion: 65 Resp: 52068

Ion	Ratio	Lower	Upper
65	100		
92	57.0	49.0	73.4
138	0.0	58.6	87.8#



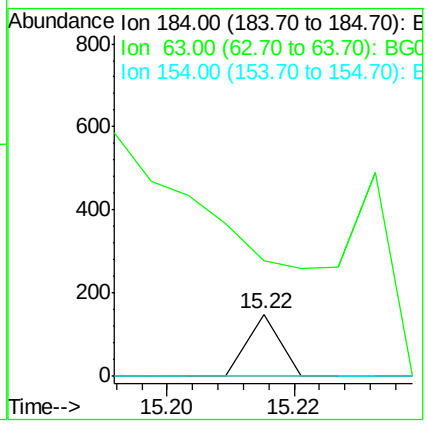


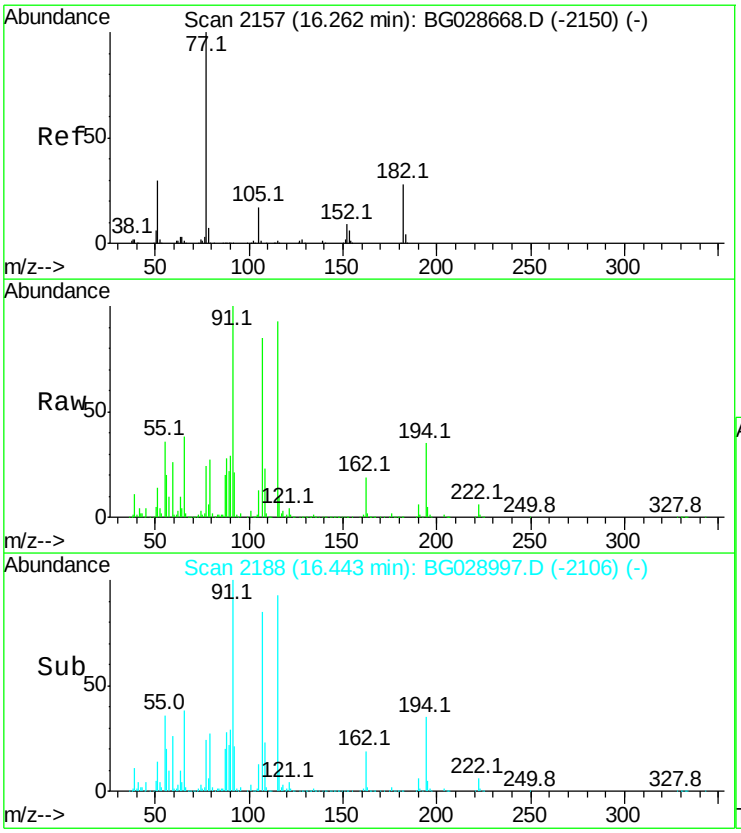
#53
2,4-Dinitrophenol
Concen: 8.038 ng
RT: 15.22 min Scan# 1979
Delta R.T. 0.15 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 53

Ion	Ratio	Lower	Upper
184	100		
63	186.0	52.7	79.1#
154	0.0	57.3	85.9#

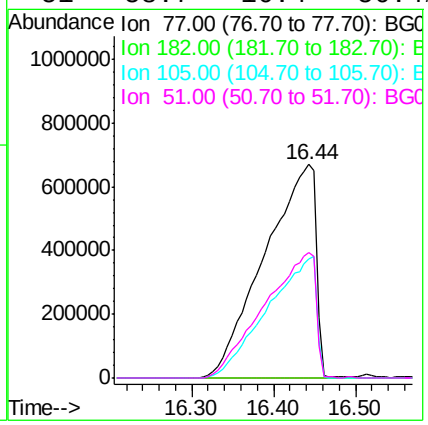


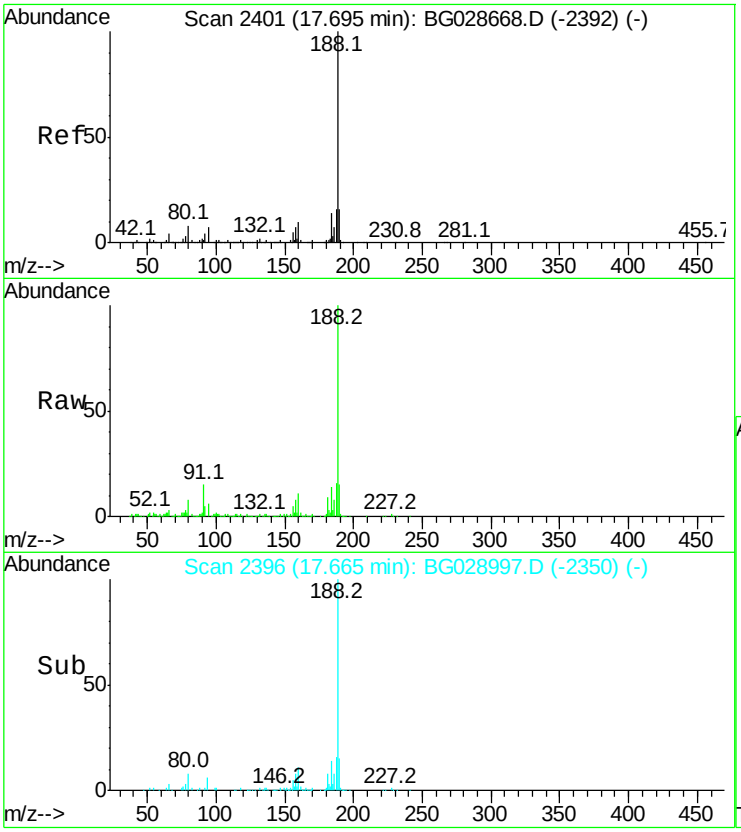


#62
Azobenzene
Concen: 298.310 ng
RT: 16.44 min Scan# 2188
Delta R.T. 0.18 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion: 77 Resp: 2895150

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.7	44.7#
105	55.8	0.0	36.3#
51	58.7	16.4	56.4#



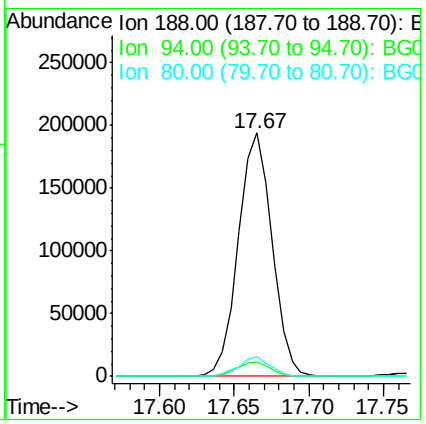


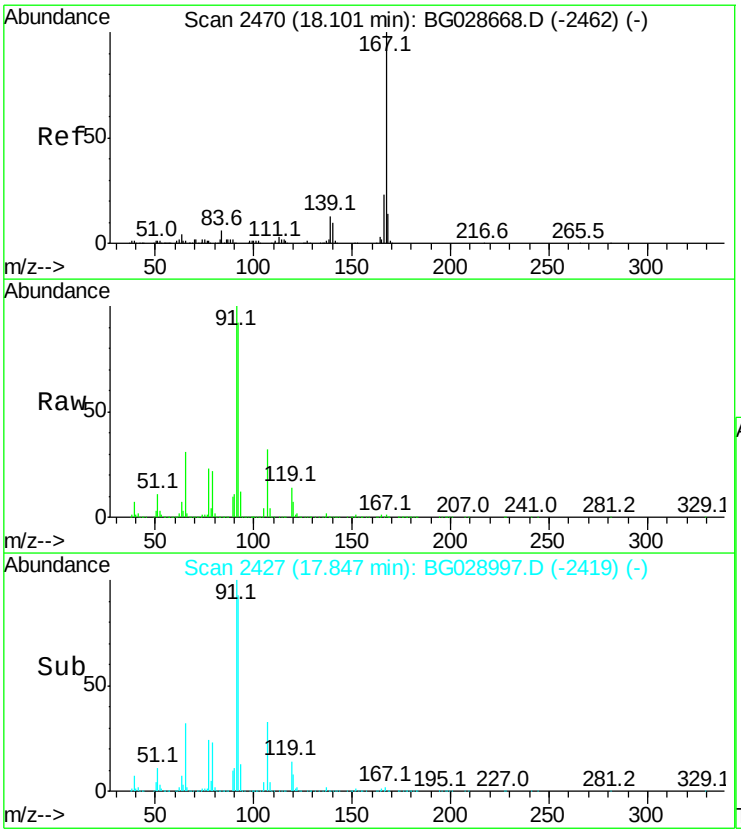
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.67 min Scan# 2396
Delta R.T. -0.03 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 302930

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.8	8.8
80	8.0	7.5	11.3

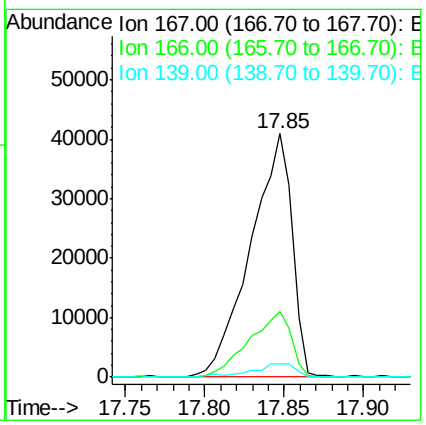


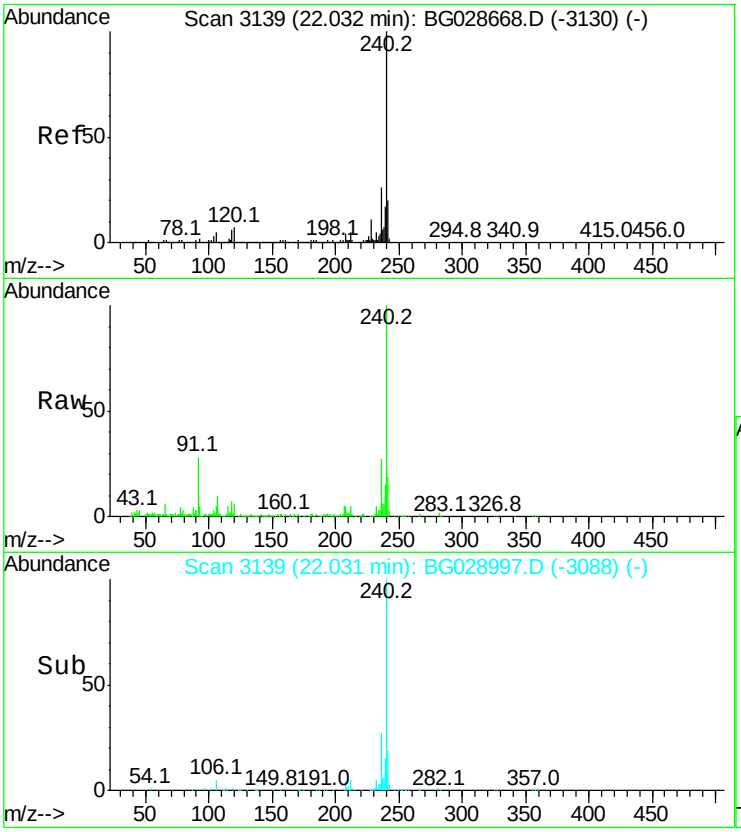


#72
Carbazole
Concen: 5.278 ng
RT: 17.85 min Scan# 2427
Delta R.T. -0.25 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion:167 Resp: 74380

Ion	Ratio	Lower	Upper
167	100		
166	27.0	20.2	30.2
139	5.3	12.8	19.2#



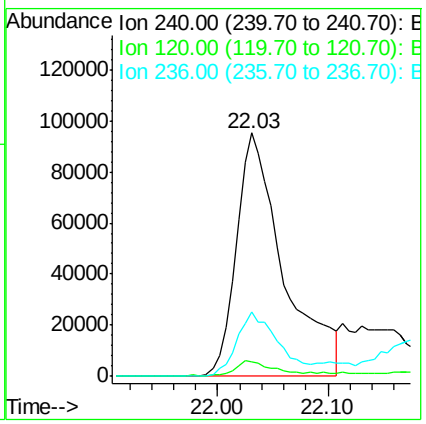


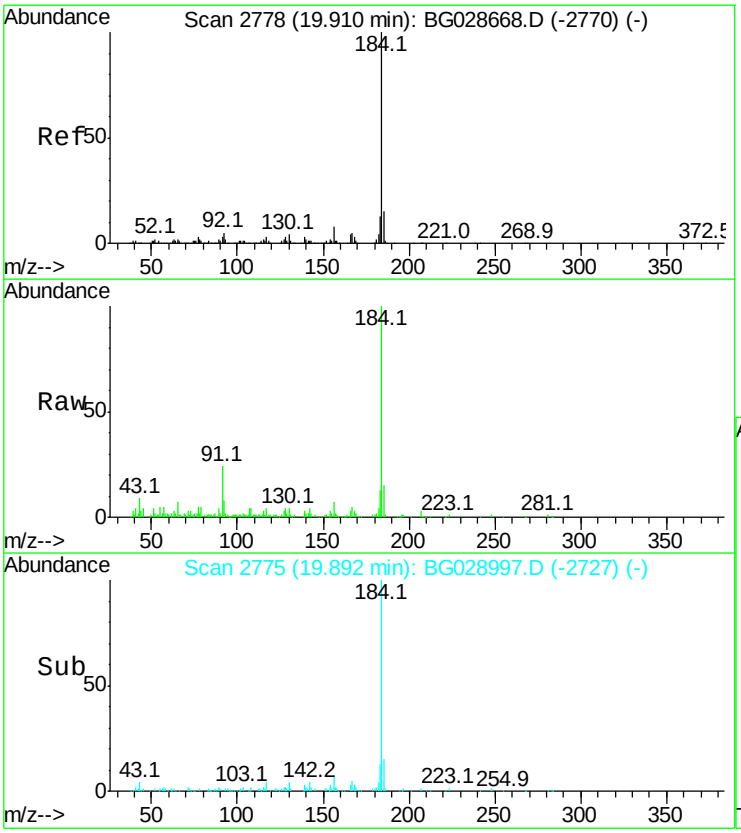
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.03 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 285073

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.7	8.5
236	26.6	22.2	33.4

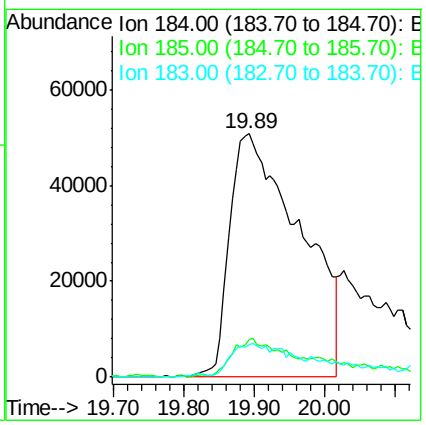


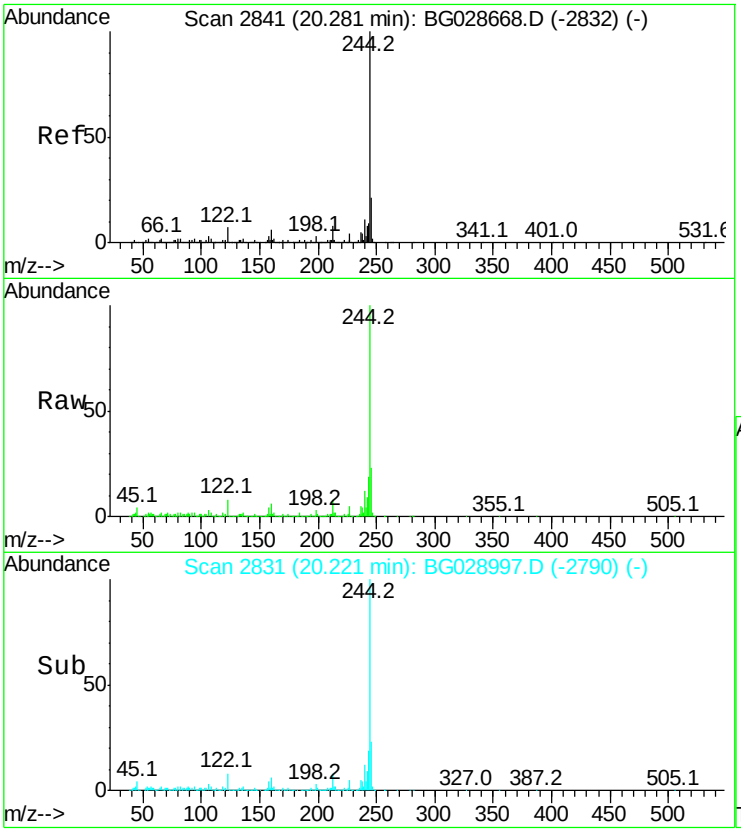


#76
Benzidine
Concen: 47.623 ng
RT: 19.89 min Scan# 2775
Delta R.T. -0.02 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion:184 Resp: 352061

Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.0	19.6
183	13.2	11.0	16.6



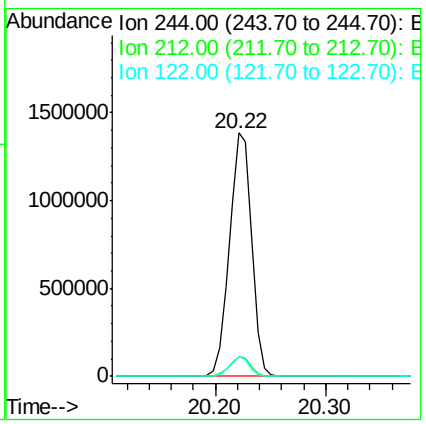


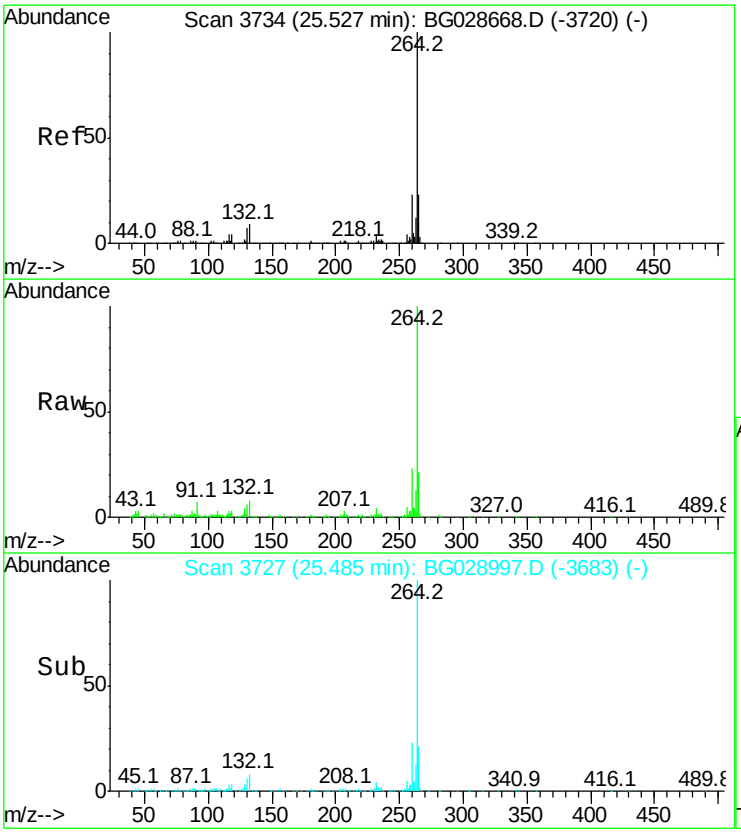
#78
Terphenyl-d14
Concen: 145.853 ng
RT: 20.22 min Scan# 2831
Delta R.T. -0.06 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1949703

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	8.2	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.49 min Scan# 3727
Delta R.T. -0.04 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion:264 Resp: 378039

Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	21.2	18.2	27.4