Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
Data File : BG032727.D
Acq On : 15 Feb 2018 23:34
Operator : SJ/JU
Sample : J1536-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 16 03:09:00 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	21819	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	94810	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	69753	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	197937	20.00	ng	-0.04
75) Chrysene-d12	22.32	240	190919	20.00	ng	-0.05
86) Perylene-d12	25.94	264	212433	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	60315	55.46	ng	-0.04
7) Phenol-d6	7.75	99	47468	31.92	ng	-0.05
23) Nitrobenzene-d5	9.82	82	145295	97.40	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	205735	191.55	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	430087	77.11	ng	-0.04
78) Terphenyl-d14	20.56	244	962331	114.88	ng	-0.03
Target Compounds						Qvalue
15) Benzyl Alcohol	8.96	79	3169	2.84	ng	# 46
19) n-Nitroso-di-n-propylamine	9.83	70	20850	20.86	ng	# 69
50) 2,6-Dinitrotoluene	15.27	165	9130	7.35	ng	# 18
53) 2,4-Dinitrophenol	15.34	184	57	11.53	ng	# 1
56) 2,4-Dinitrotoluene	15.27	165	9130	5.34	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.76	198	460	5.31	ng	# 61
66) 4-Bromophenyl-phenylether	16.75	248	16453	5.81	ng	# 1
76) Benzidine	20.56	184	13124	2.92	ng	# 92

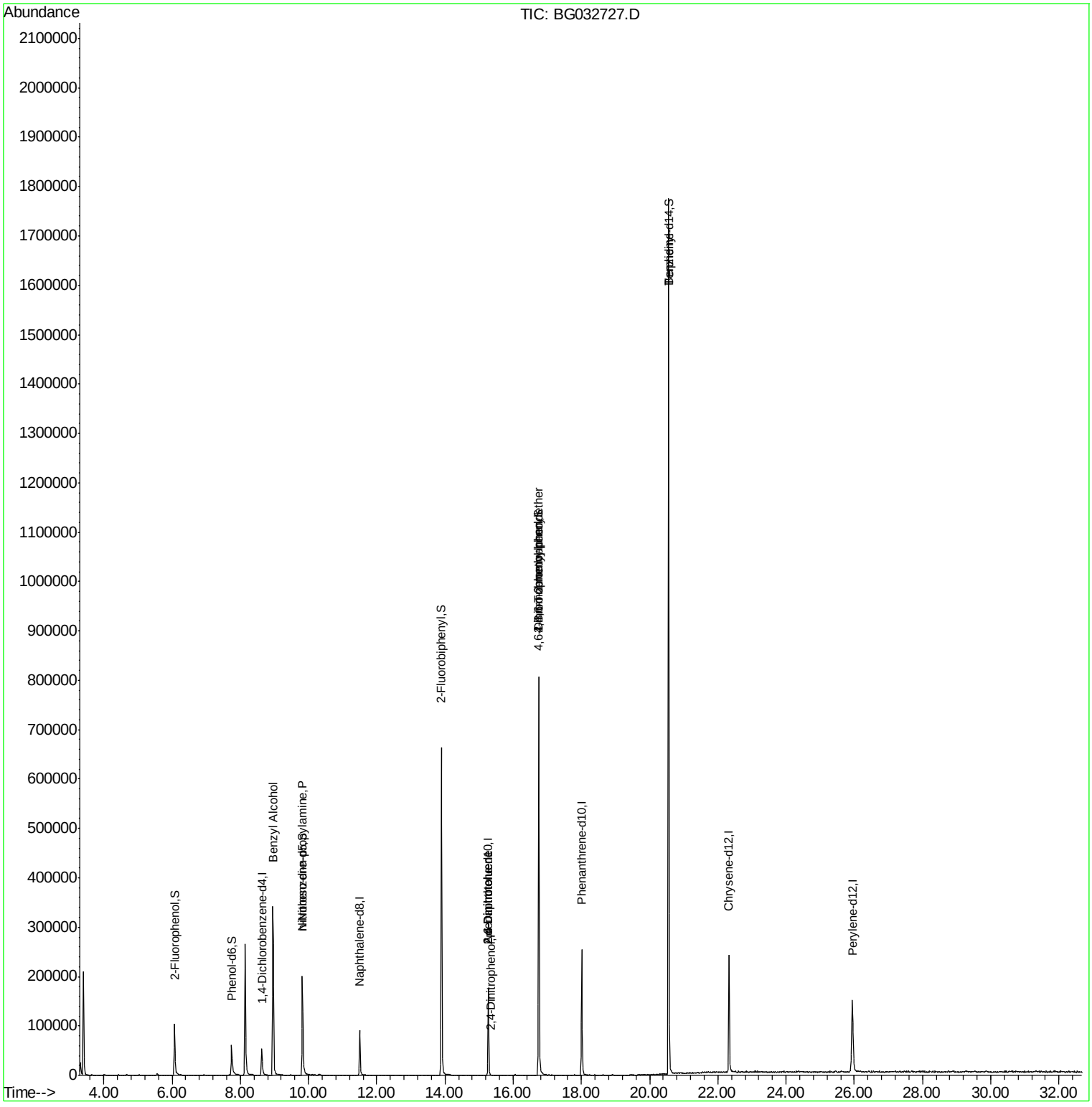
(#) = qualifier out of range (m) = manual integration (+) = signals summed

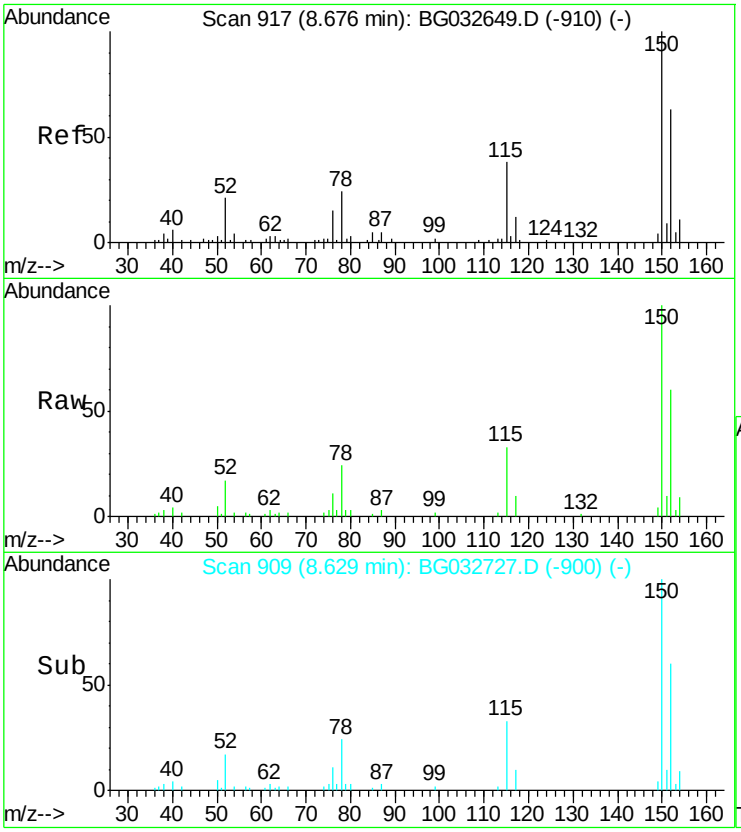
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
Data File : BG032727.D
Acq On : 15 Feb 2018 23:34
Operator : SJ/JU
Sample : J1536-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 16 03:09:00 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration



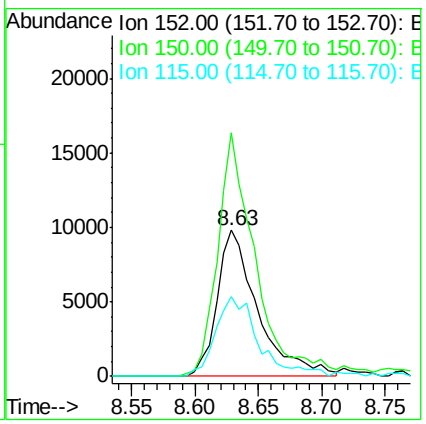


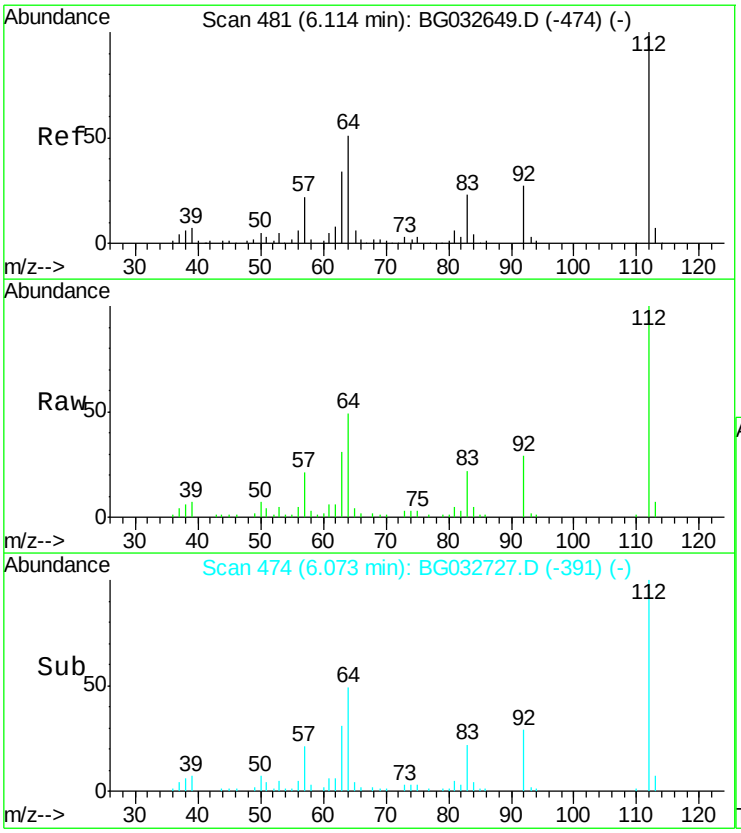
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.05 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 21819

Ion	Ratio	Lower	Upper
152	100		
150	166.7	126.6	189.8
115	54.5	53.0	79.4

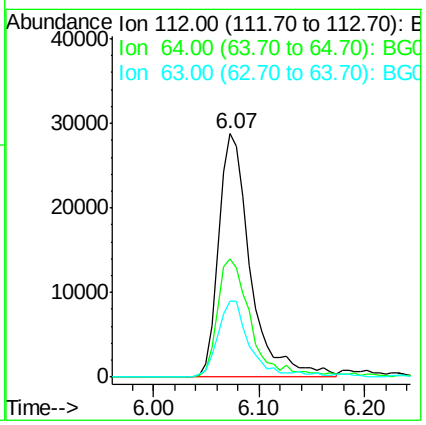


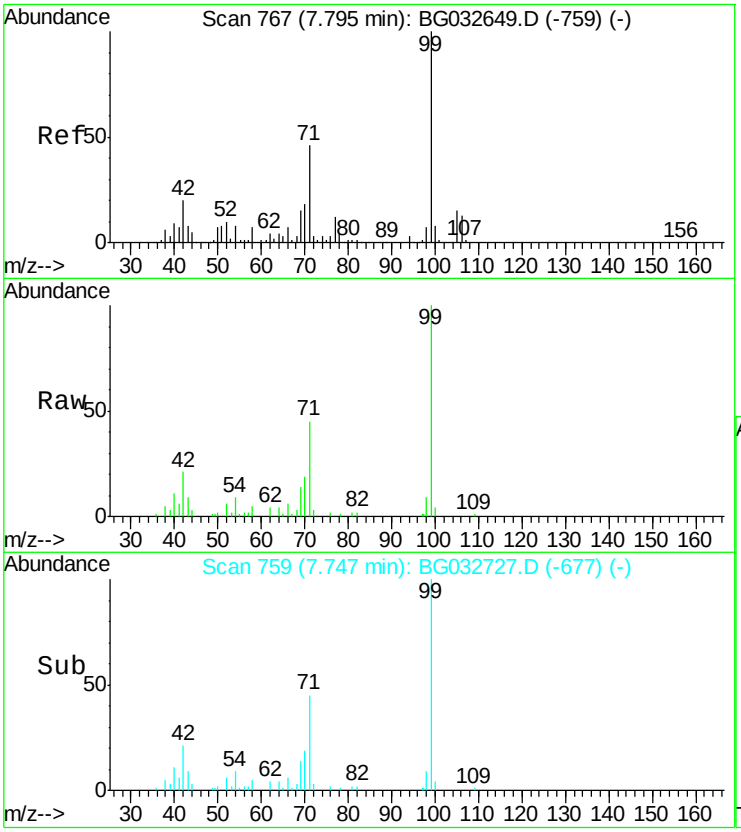


#5
2-Fluorophenol
Concen: 55.46 ng
RT: 6.07 min Scan# 474
Delta R.T. -0.04 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Tgt Ion:112 Resp: 60315

Ion	Ratio	Lower	Upper
112	100		
64	48.6	56.3	84.5#
63	31.3	30.1	45.1



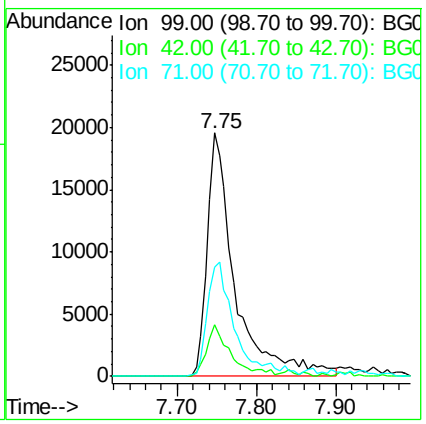


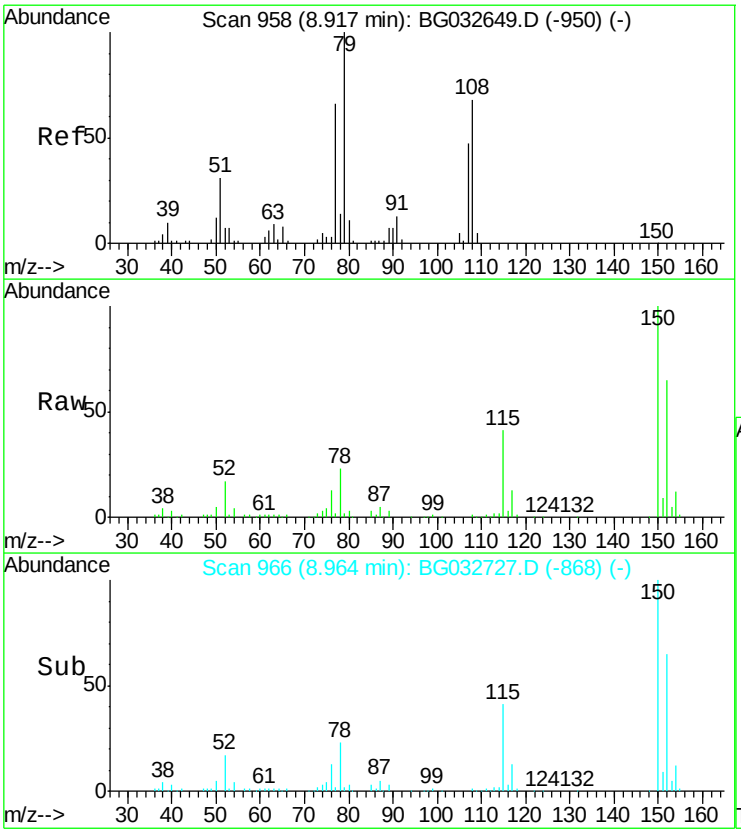
#7
Phenol-d6
Concen: 31.92 ng
RT: 7.75 min Scan# 759
Delta R.T. -0.05 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 47468

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.1	21.1
71	44.7	26.1	39.1#

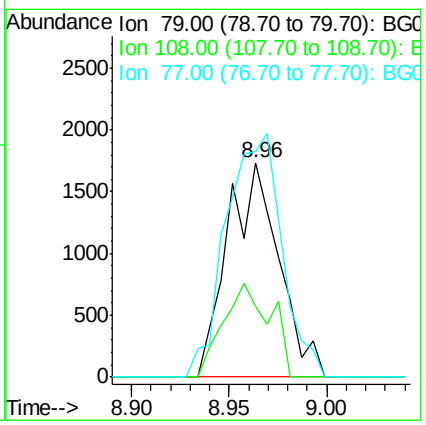


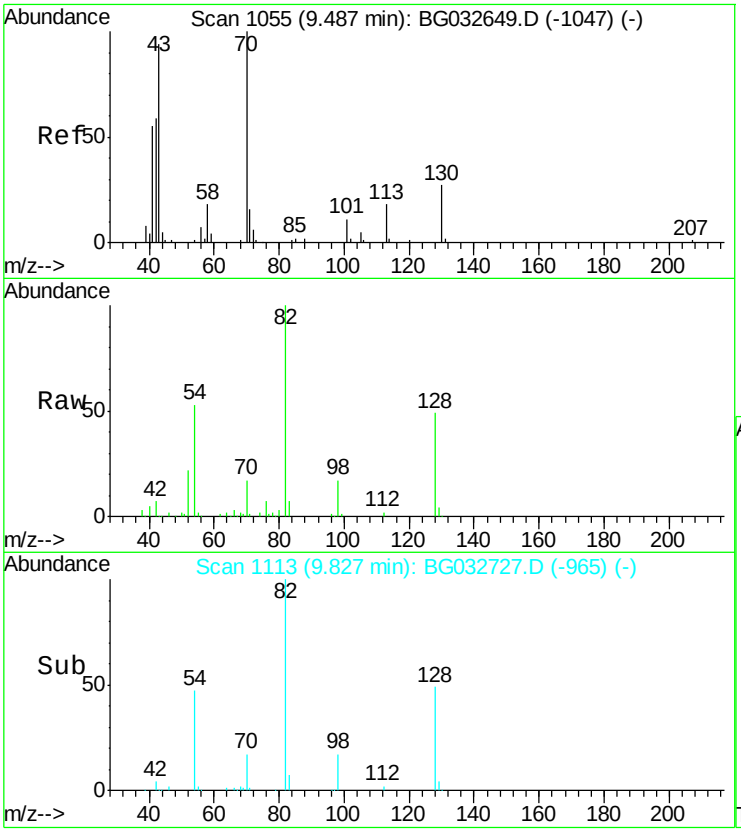


#15
Benzyl Alcohol
Concen: 2.84 ng
RT: 8.96 min Scan# 966
Delta R.T. 0.05 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Tgt Ion: 79 Resp: 3169

Ion	Ratio	Lower	Upper
79	100		
108	33.3	57.2	85.8#
77	105.5	46.1	69.1#



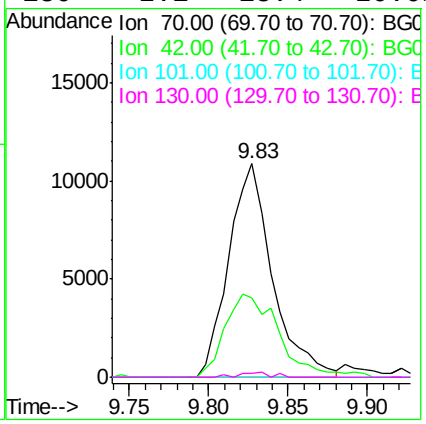


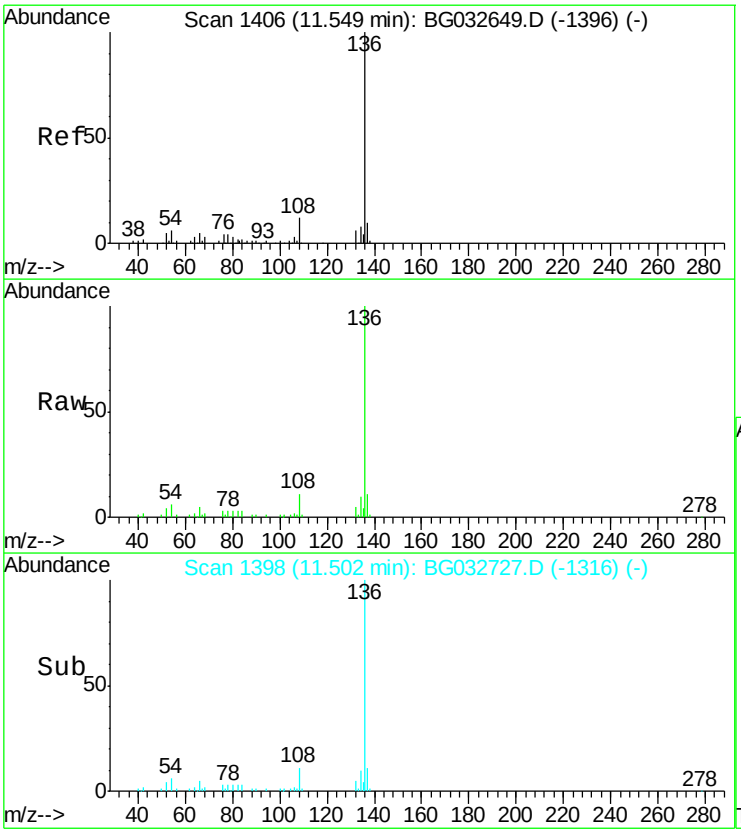
#19
n-Nitroso-di-n-propylamine
Concen: 20.86 ng
RT: 9.83 min Scan# 1113
Delta R.T. 0.34 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 20850

Ion	Ratio	Lower	Upper
70	100		
42	37.4	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#

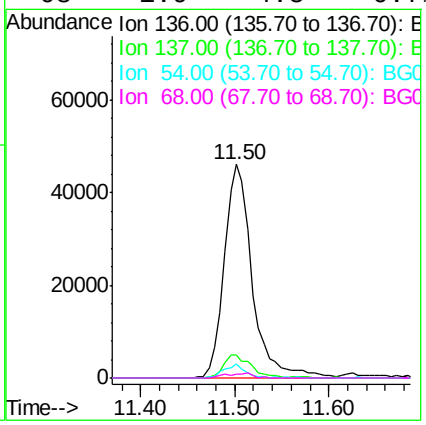


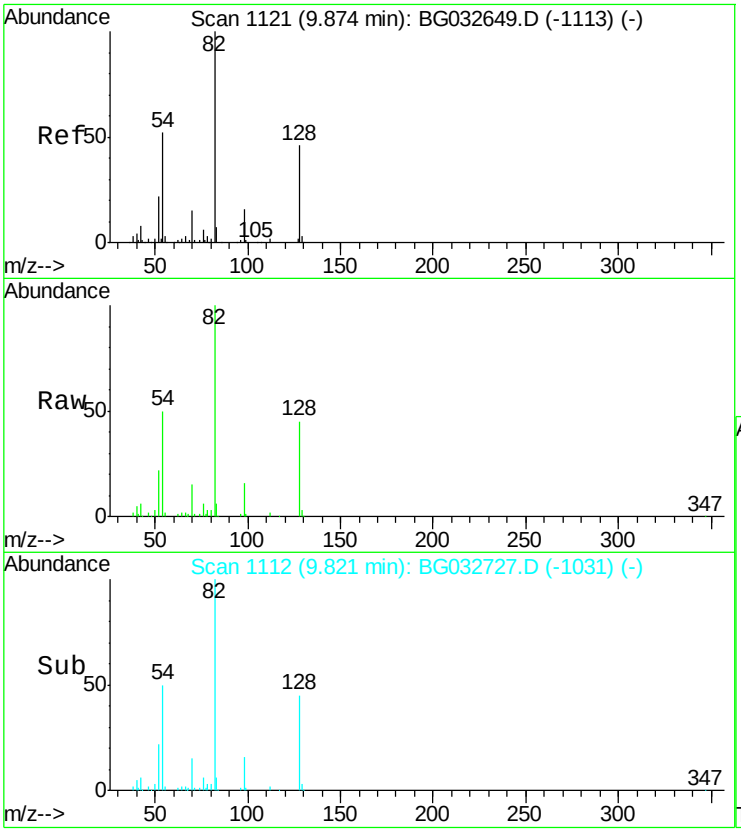


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.50 min Scan# 1398
Delta R.T. -0.05 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Tgt Ion:136 Resp: 94810

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.4	10.3	15.5#
68	1.9	4.5	6.7#



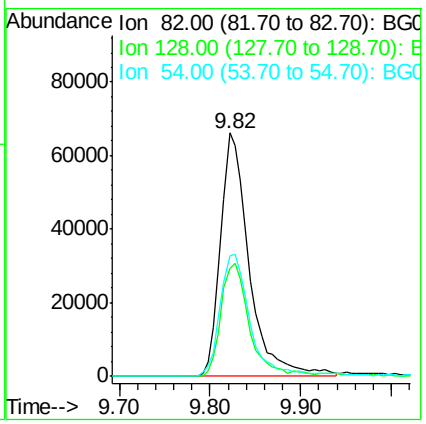


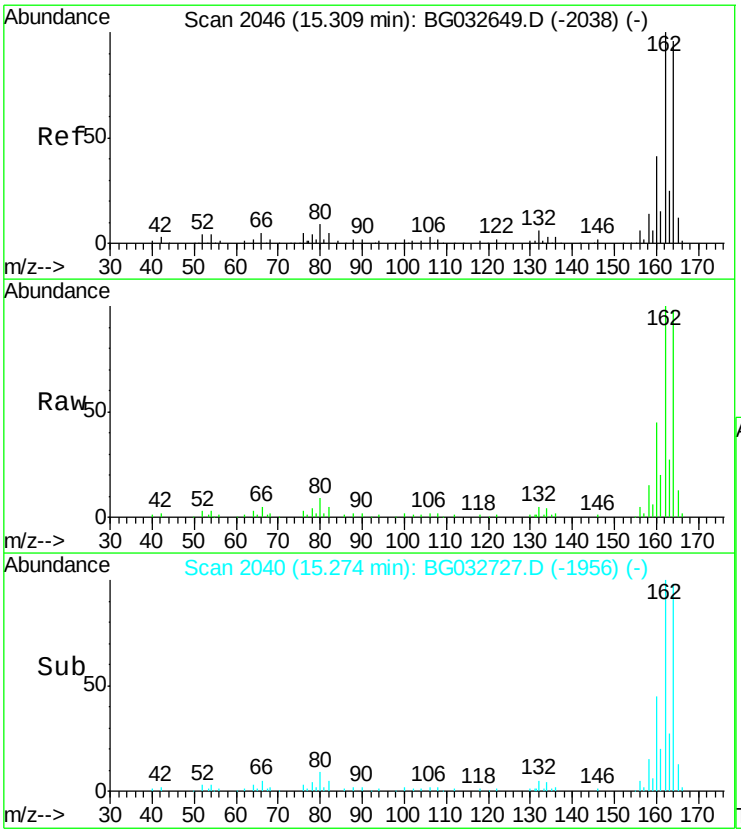
#23
Nitrobenzene-d5
Concen: 97.40 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 145295

Ion	Ratio	Lower	Upper
82	100		
128	44.6	29.7	44.5#
54	49.5	43.1	64.7

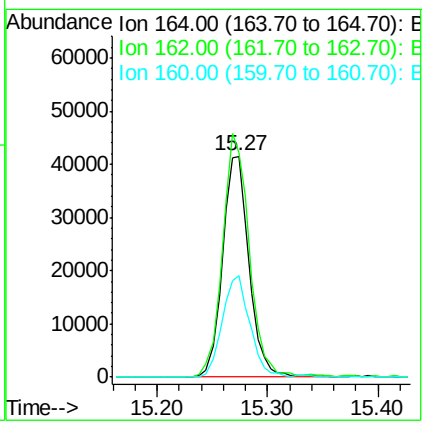


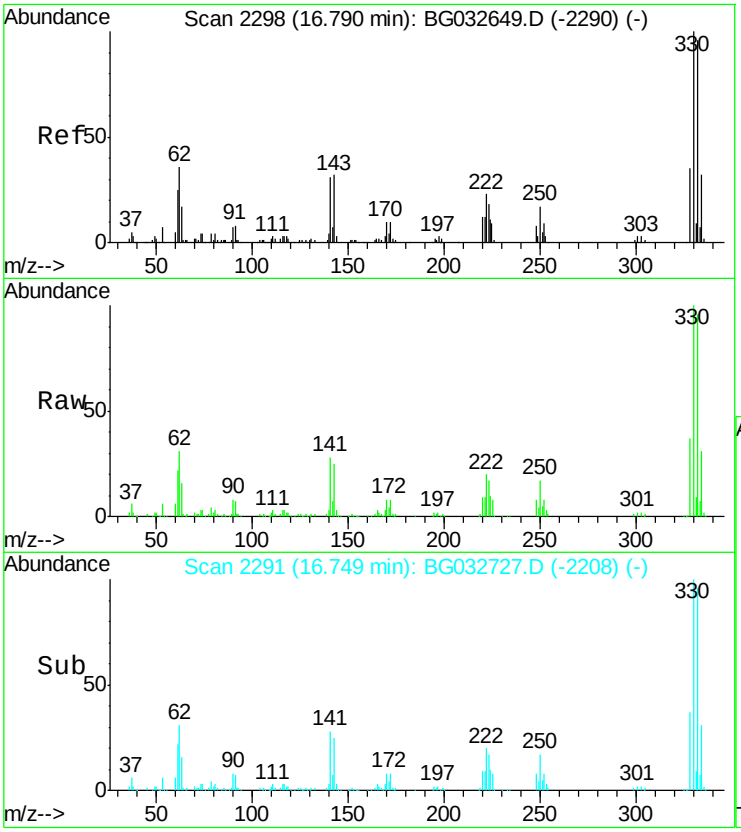


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.27 min Scan# 2040
Delta R.T. -0.04 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Tgt Ion:164 Resp: 69753

Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.8	118.2
160	46.2	35.4	53.0



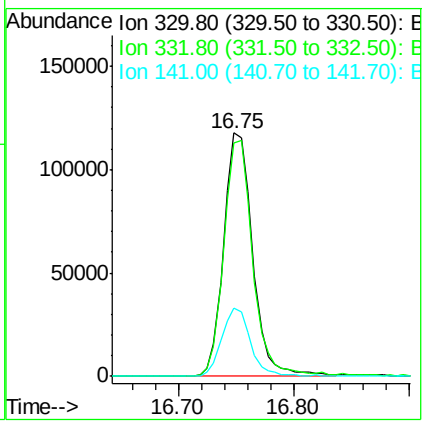


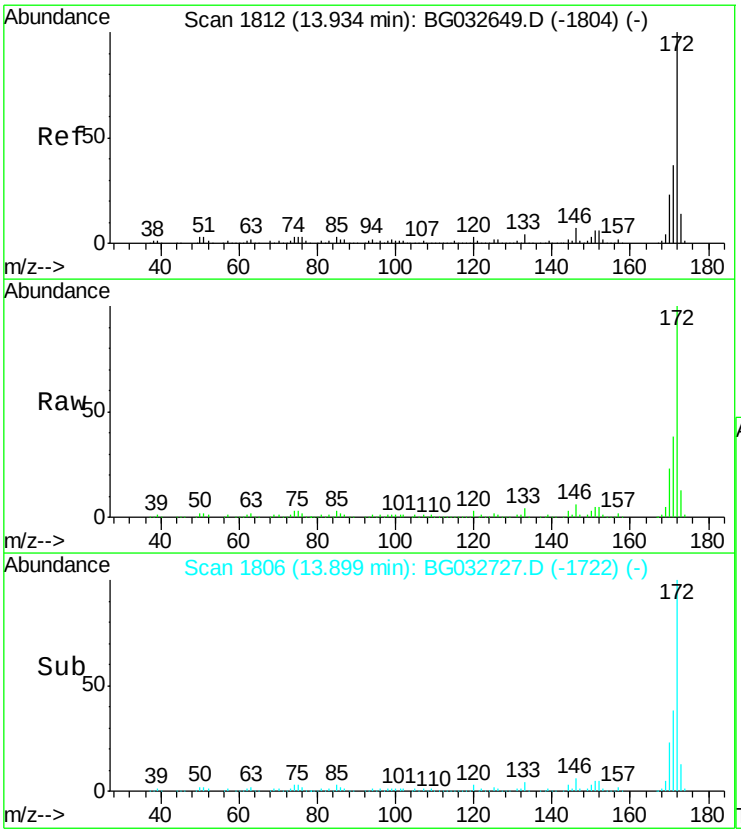
#41
2,4,6-Tribromophenol
Concen: 191.55 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.04 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 205735

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	27.7	25.2	37.8

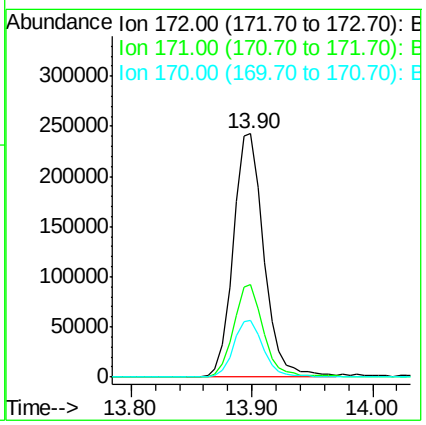


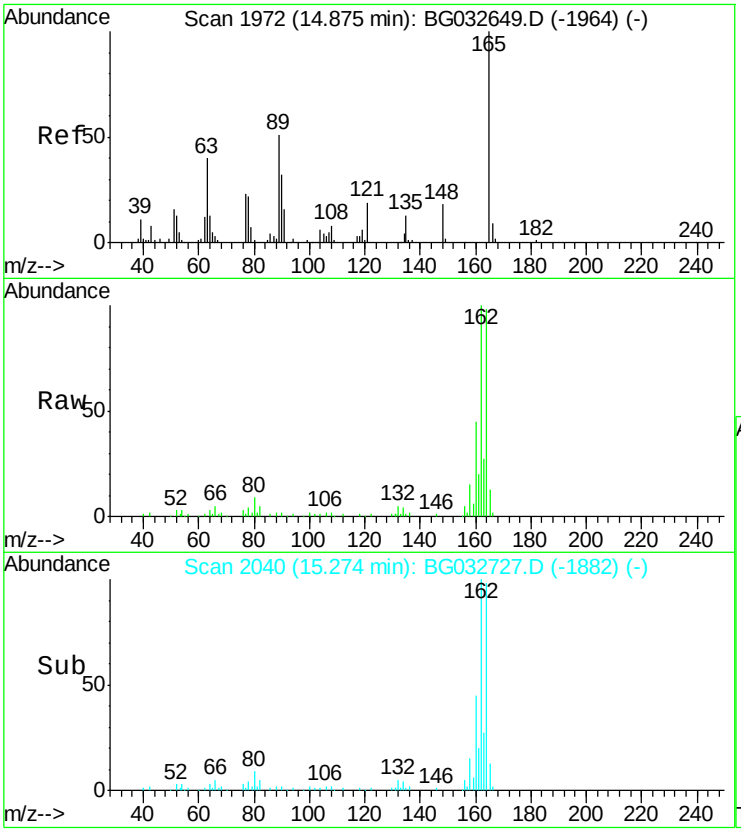


#44
2-Fluorobiphenyl
Concen: 77.11 ng
RT: 13.90 min Scan# 1806
Delta R.T. -0.04 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Tgt Ion:172 Resp: 430087

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.3	19.5	29.3



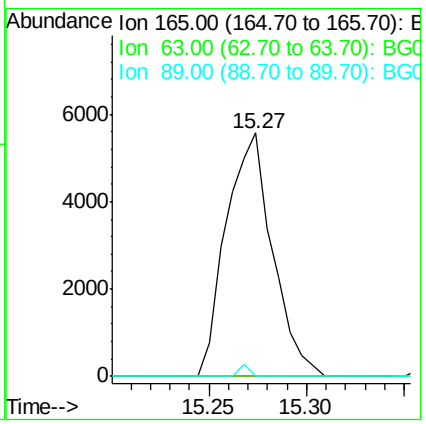


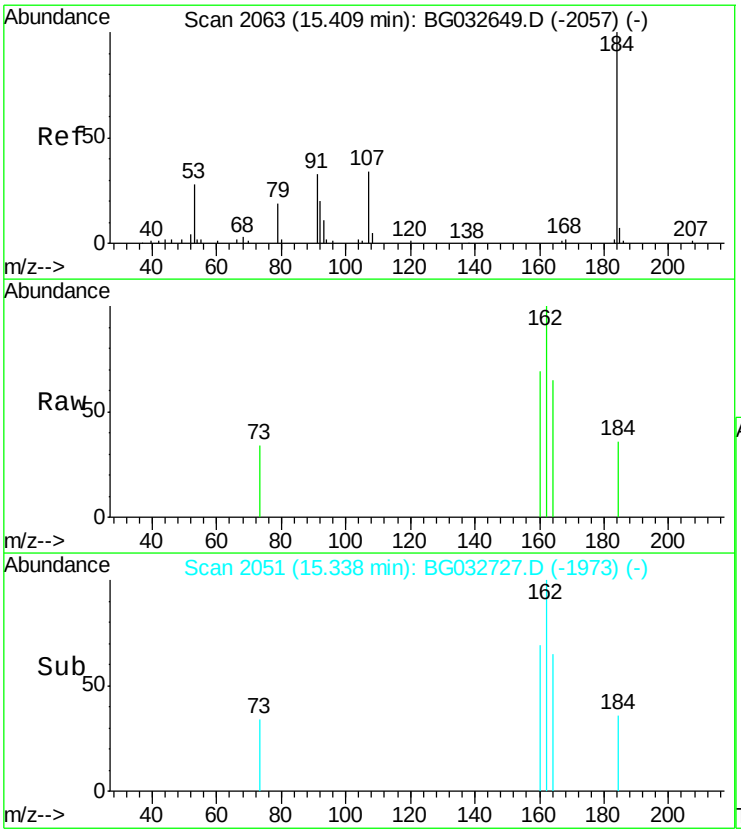
#50
2,6-Dinitrotoluene
Concen: 7.35 ng
RT: 15.27 min Scan# 2040
Delta R.T. 0.40 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9130

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

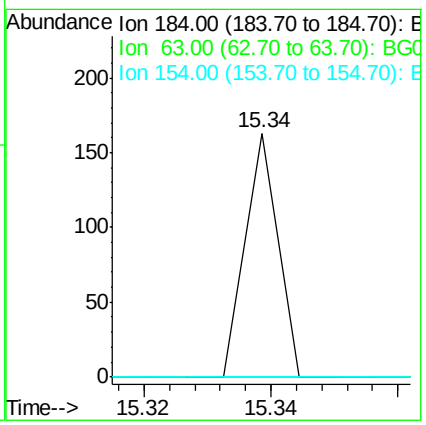


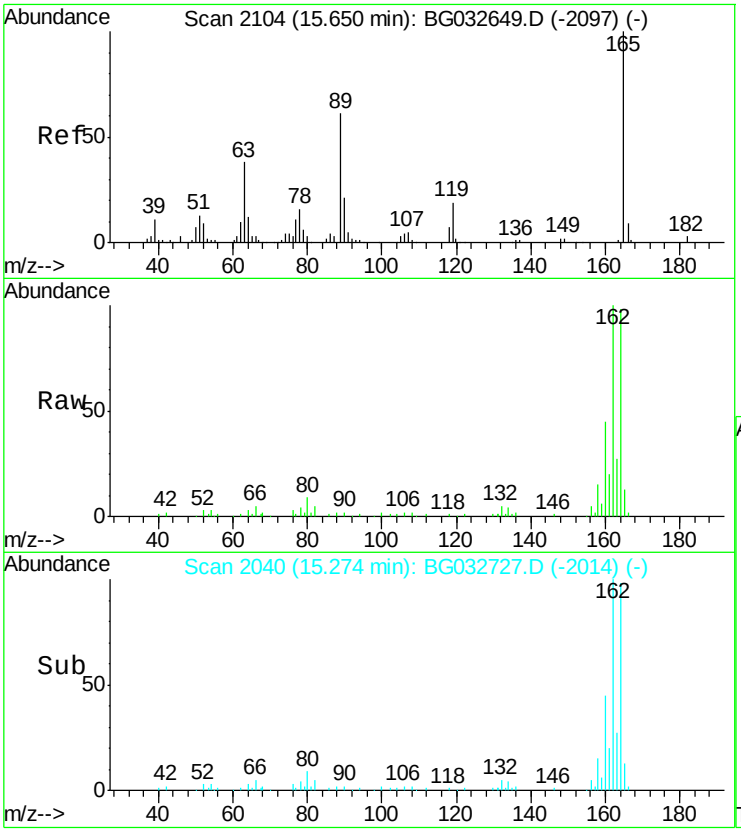


#53
2,4-Dinitrophenol
Concen: 11.53 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.07 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Tgt Ion:184 Resp: 57

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#



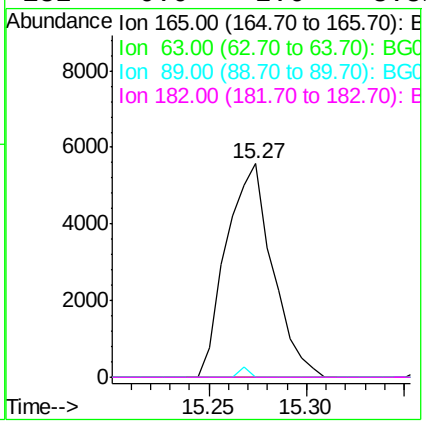


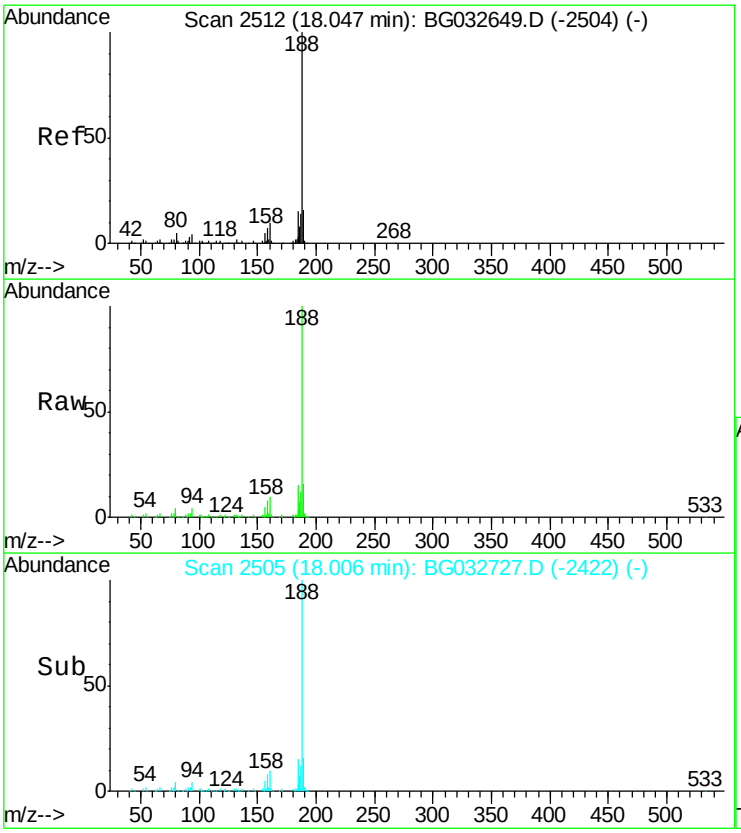
#56
2,4-Dinitrotoluene
Concen: 5.34 ng
RT: 15.27 min Scan# 2040
Delta R.T. -0.38 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9130

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

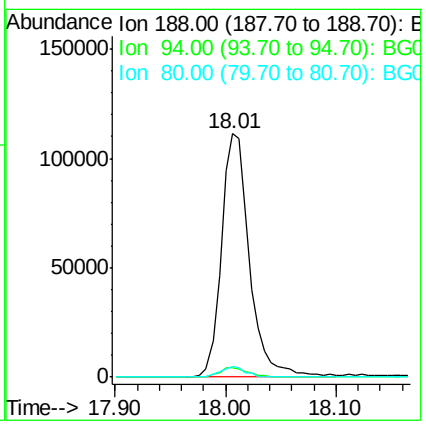


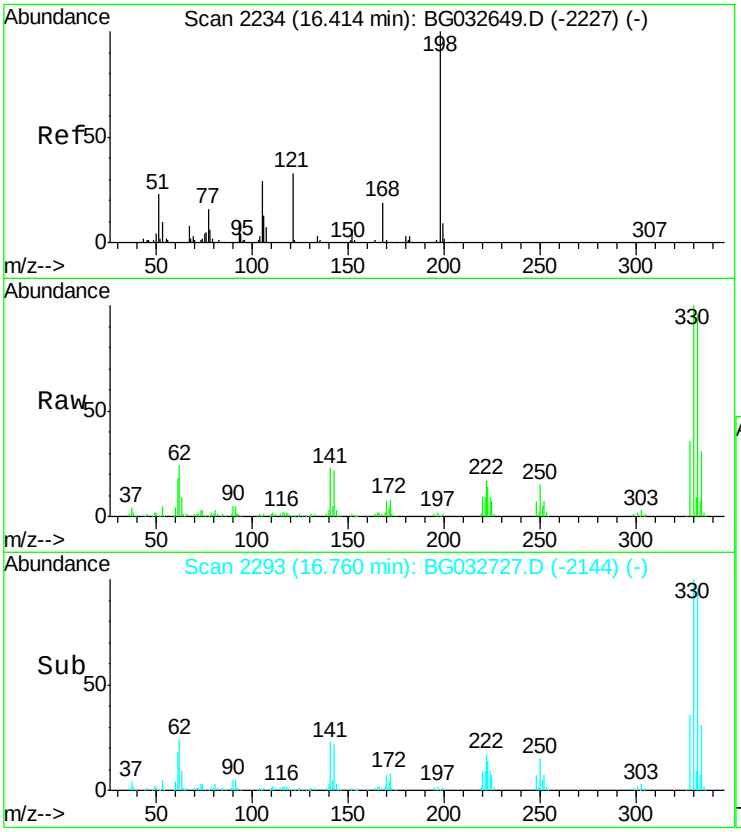


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.01 min Scan# 2505
Delta R.T. -0.04 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Tgt Ion:188 Resp: 197937

Ion	Ratio	Lower	Upper
188	100		
94	3.8	6.9	10.3#
80	4.3	7.7	11.5#



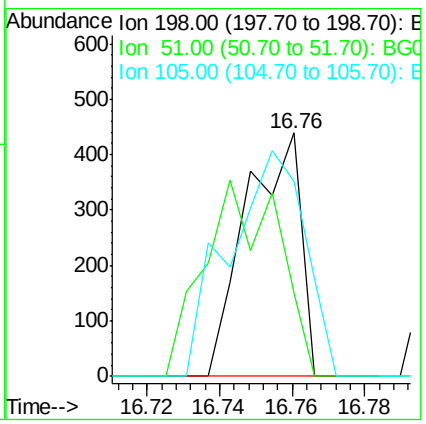


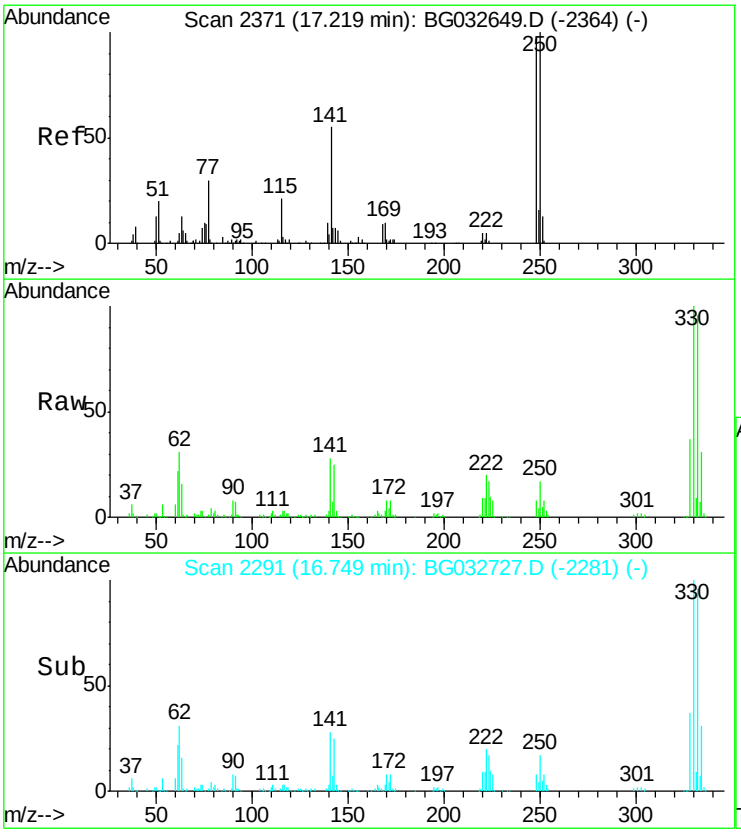
#64
4,6-Dinitro-2-methylphenol
Concen: 5.31 ng
RT: 16.76 min Scan# 2293
Delta R.T. 0.35 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 460

Ion	Ratio	Lower	Upper
198	100		
51	34.4	30.6	70.6
105	80.4	23.8	63.8#

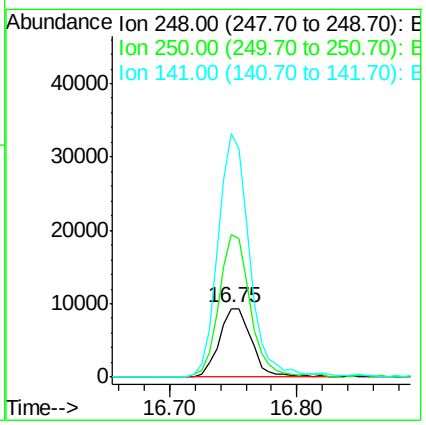


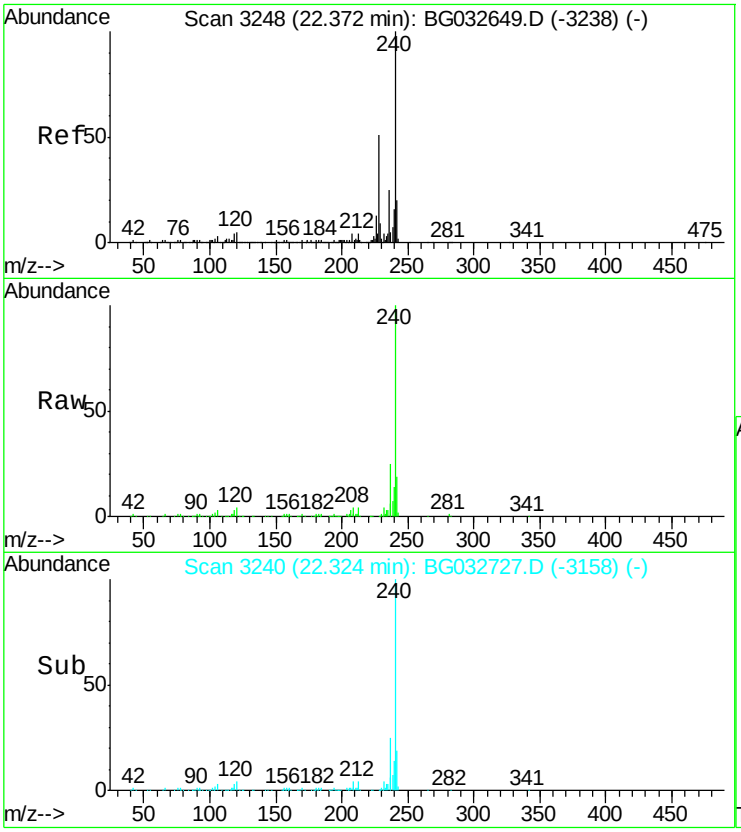


#66
4-Bromophenyl-phenylether
Concen: 5.81 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.47 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Tgt Ion:248 Resp: 16453

Ion	Ratio	Lower	Upper
248	100		
250	208.4	77.1	115.7#
141	354.6	50.8	76.2#



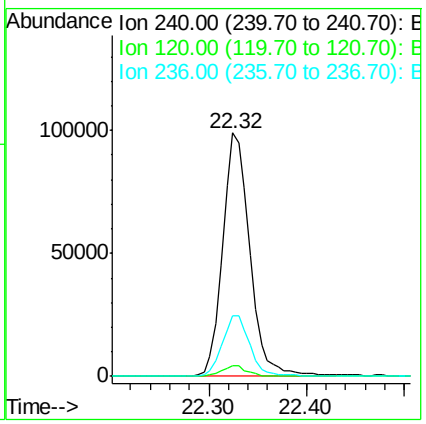


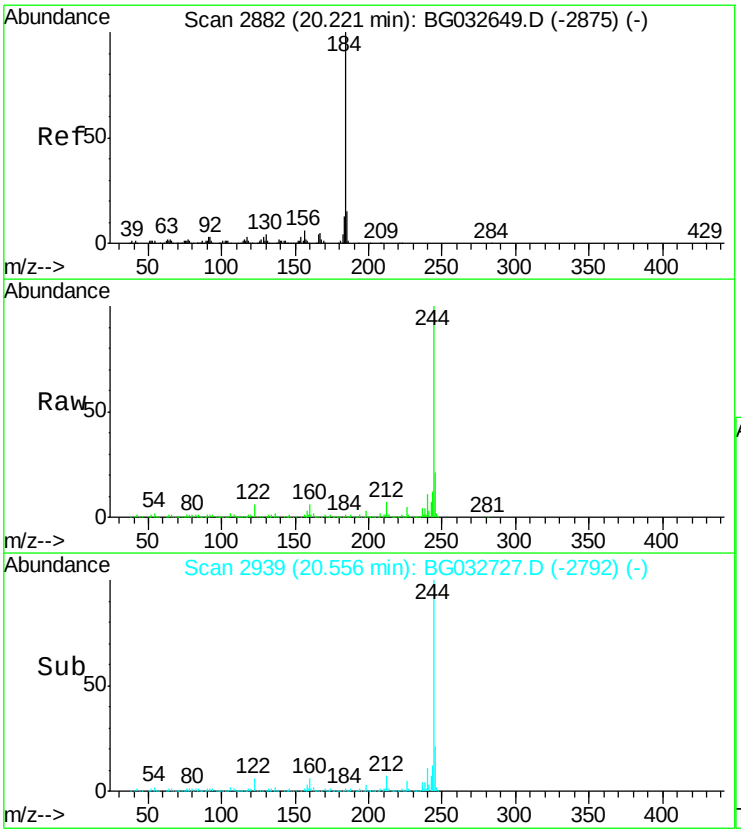
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.32 min Scan# 3240
Delta R.T. -0.05 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 190919

Ion	Ratio	Lower	Upper
240	100		
120	4.4	6.8	10.2#
236	24.9	20.9	31.3

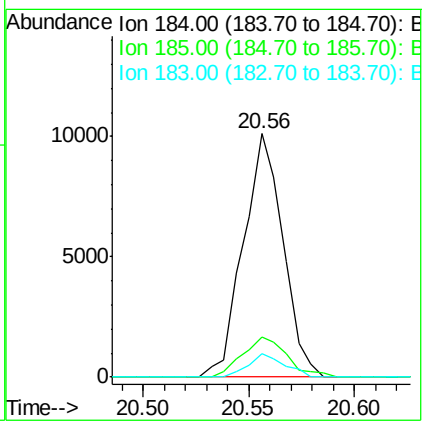


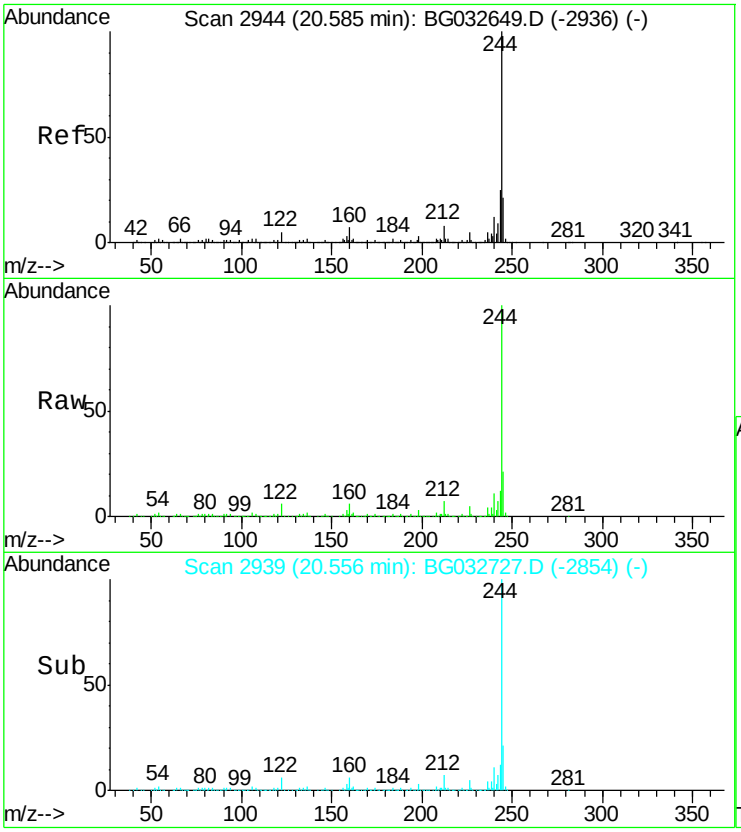


#76
Benzidine
Concen: 2.92 ng
RT: 20.56 min Scan# 2939
Delta R.T. 0.33 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Tgt Ion:184 Resp: 13124

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.1	16.7
183	9.6	10.6	16.0#



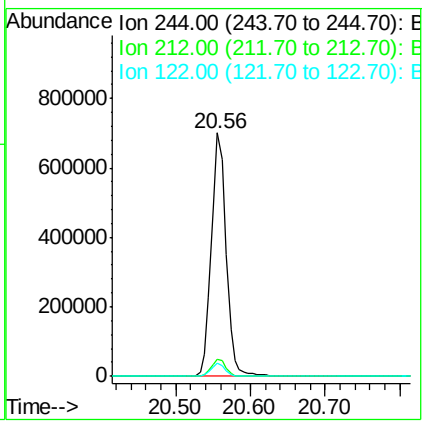


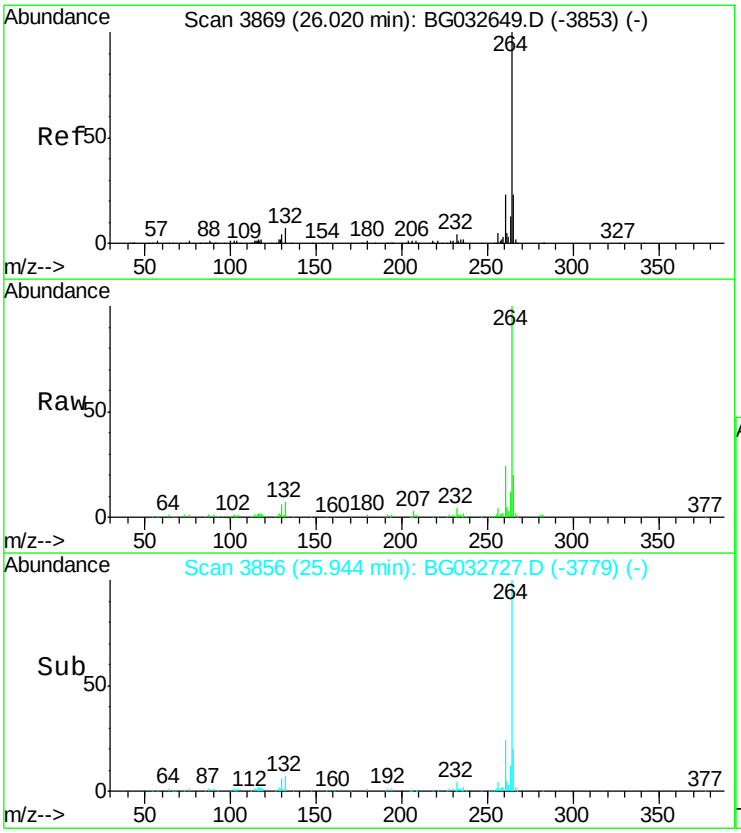
#78
Terphenyl-d14
Concen: 114.88 ng
RT: 20.56 min Scan# 2939
Delta R.T. -0.03 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 962331

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	5.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.94 min Scan# 3856
Delta R.T. -0.08 min
Lab File: BG032727.D
Acq: 15 Feb 2018 23:34

Tgt Ion:264 Resp: 212433

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	19.7	17.7	26.5