Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
Data File : BG032060.D
Acq On : 16 Jan 2018 9:13
Operator : SJ/JU
Sample : J1112-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 16 09:55:38 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	42904	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	166815	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	121663	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	330721	20.00	ng	-0.01
75) Chrysene-d12	22.46	240	400395	20.00	ng	-0.02
86) Perylene-d12	26.18	264	407252	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	117216	49.97	ng	0.00
7) Phenol-d6	7.87	99	90713	30.70	ng	0.00
23) Nitrobenzene-d5	9.96	82	309897	125.68	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	261930	130.10	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1123402	114.49	ng	0.00
78) Terphenyl-d14	20.67	244	2017515	111.26	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.10	79	5850	2.726	ng	# 47
19) n-Nitroso-di-n-propylamine	9.96	70	43075	23.498	ng	# 72
50) 2,6-Dinitrotoluene	15.40	165	15171	6.865	ng	# 18
53) 2,4-Dinitrophenol	15.23	184	55	7.009	ng	# 1
56) 2,4-Dinitrotoluene	15.40	165	15171	5.099	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.18	198	55	4.908	ng	# 29
66) 4-Bromophenyl-phenylether	16.87	248	22127	4.702	ng	# 1
76) Benzidine	20.67	184	28931	2.890	ng	# 90

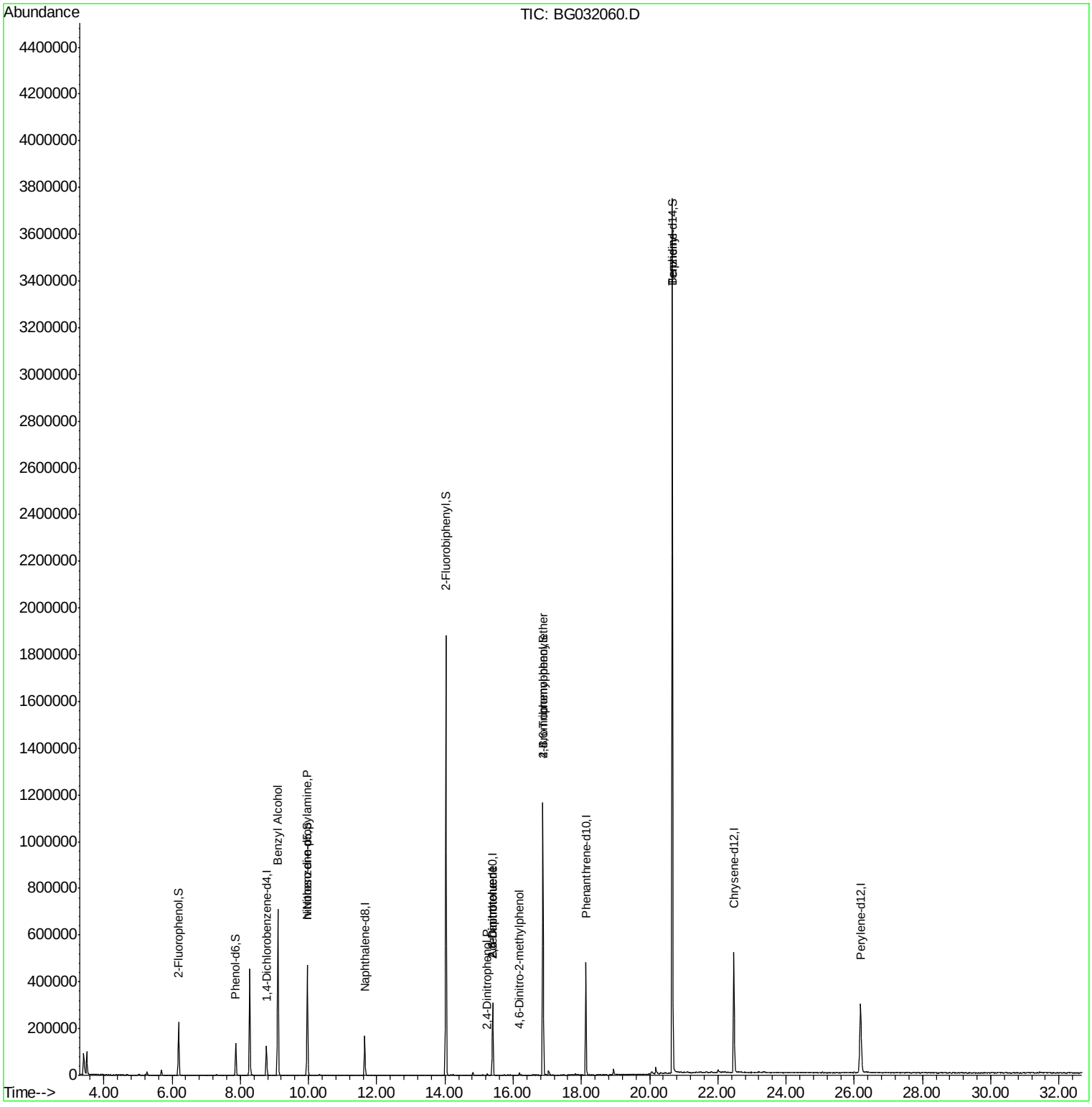
(#) = qualifier out of range (m) = manual integration (+) = signals summed

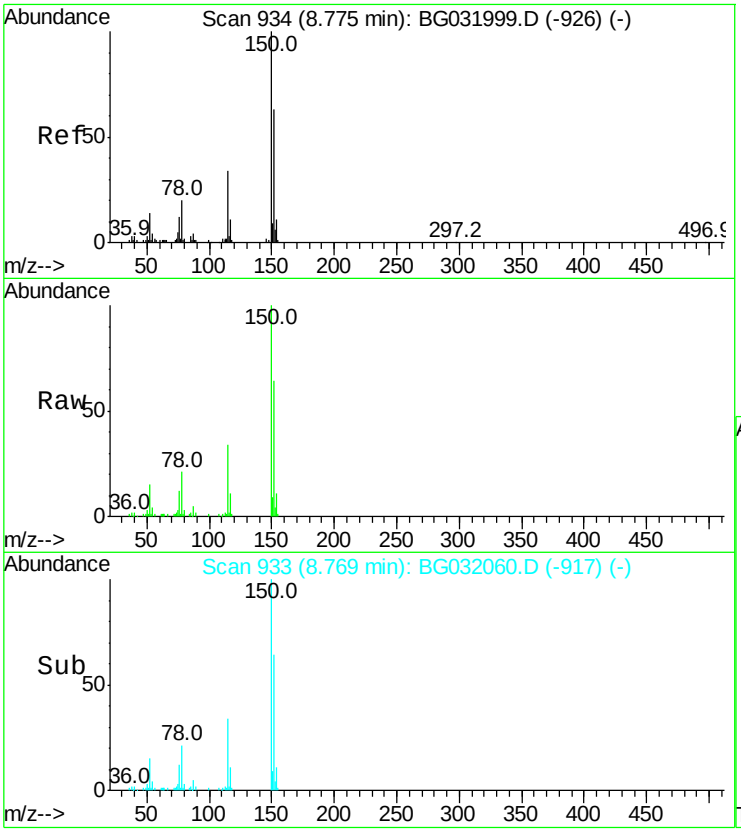
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
Data File : BG032060.D
Acq On : 16 Jan 2018 9:13
Operator : SJ/JU
Sample : J1112-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 16 09:55:38 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration



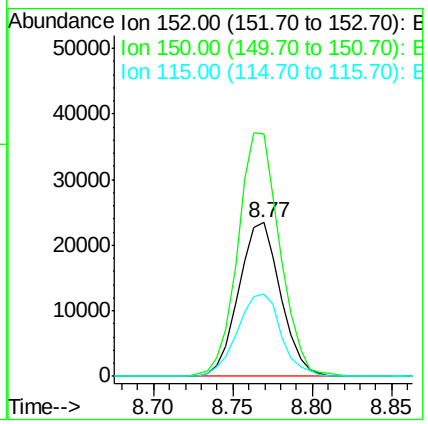


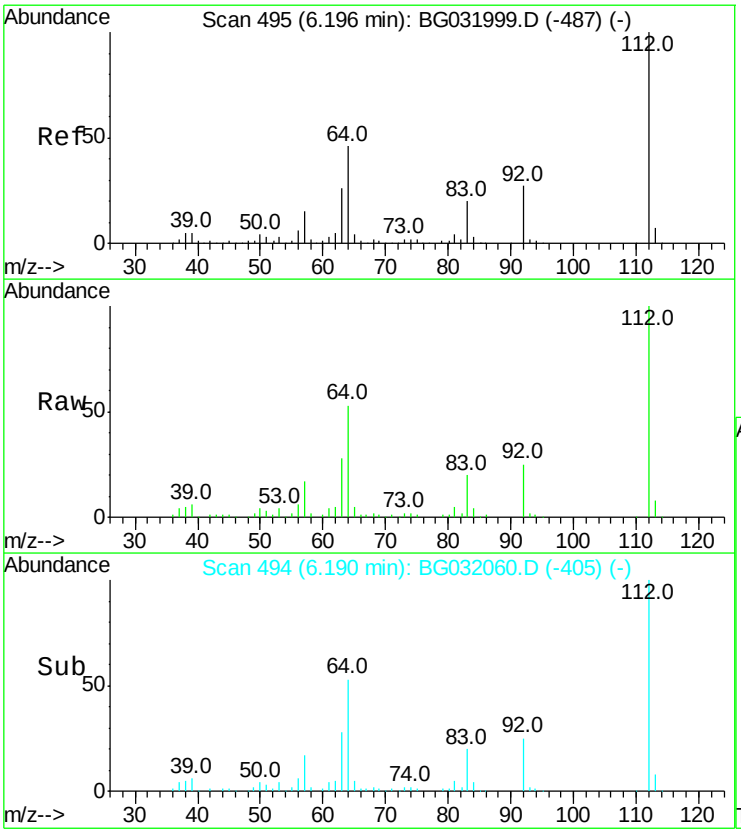
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42904

Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.6	189.8
115	53.2	53.0	79.4

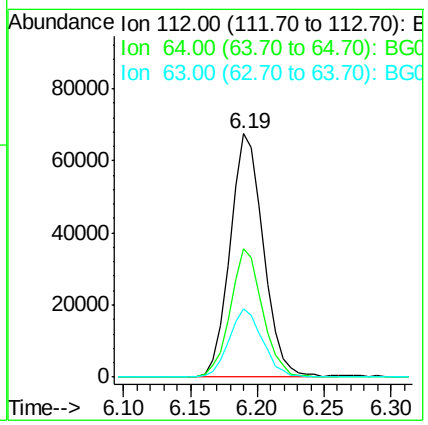


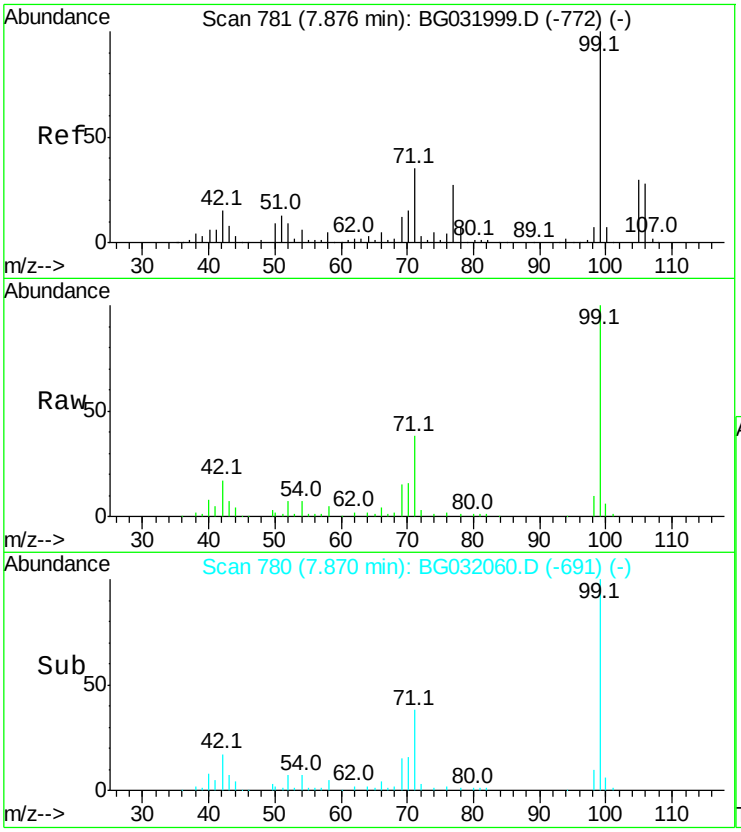


#5
2-Fluorophenol
Concen: 49.967 ng
RT: 6.19 min Scan# 494
Delta R.T. -0.01 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Tgt Ion:112 Resp: 117216

Ion	Ratio	Lower	Upper
112	100		
64	52.8	56.3	84.5#
63	28.3	30.1	45.1#



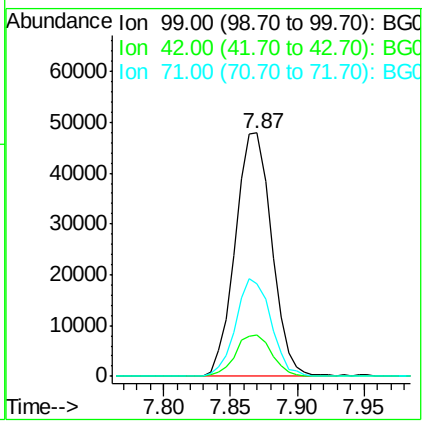


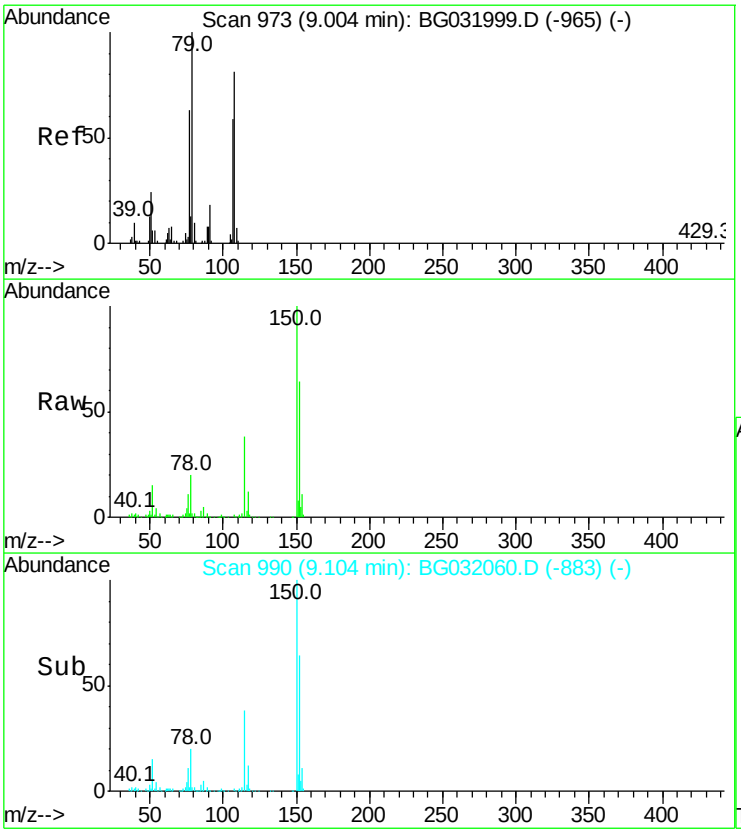
#7
Phenol-d6
Concen: 30.704 ng
RT: 7.87 min Scan# 780
Delta R.T. -0.01 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 90713

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.1	21.1
71	38.2	26.1	39.1

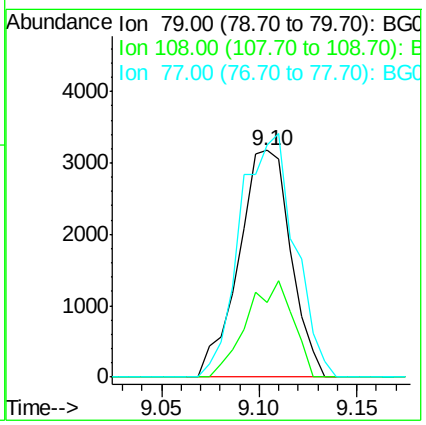


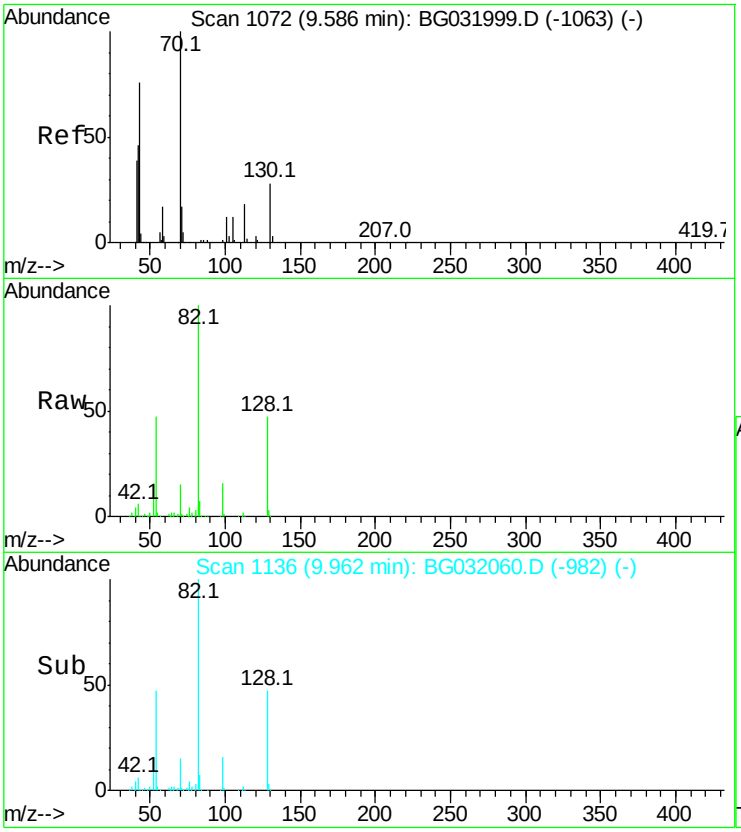


#15
Benzyl Alcohol
Concen: 2.726 ng
RT: 9.10 min Scan# 990
Delta R.T. 0.10 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Tgt Ion: 79 Resp: 5850

Ion	Ratio	Lower	Upper
79	100		
108	32.7	57.2	85.8#
77	102.6	46.1	69.1#



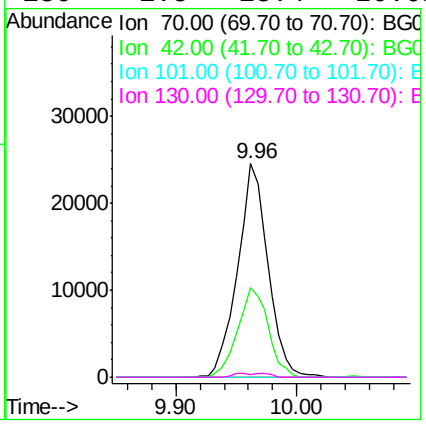


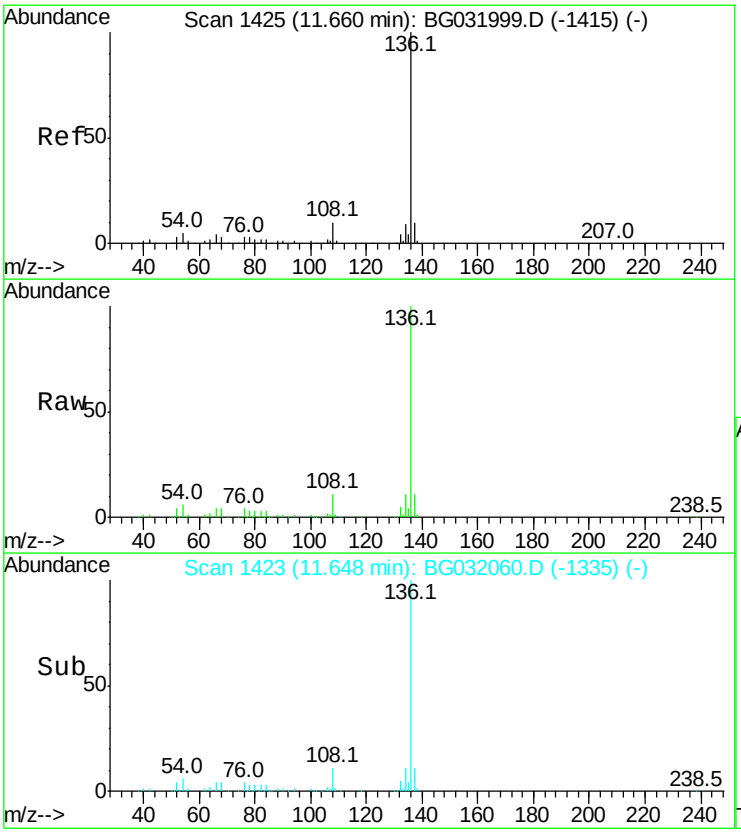
#19
n-Nitroso-di-n-propylamine
Concen: 23.498 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 43075

Ion	Ratio	Lower	Upper
70	100		
42	41.8	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#

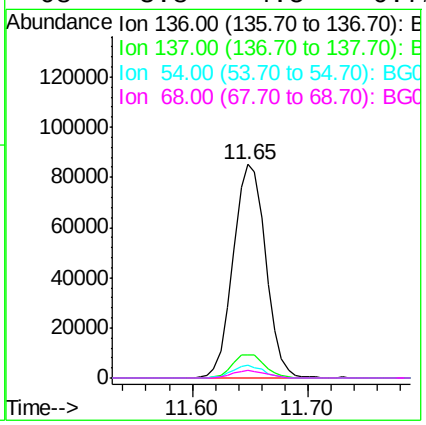


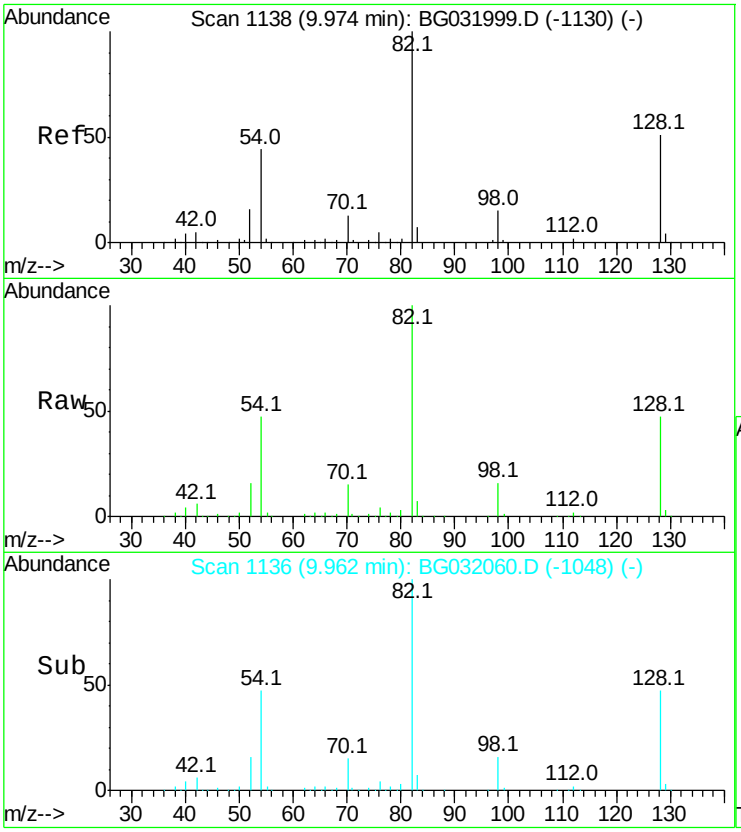


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Tgt Ion:136 Resp: 166815

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.8	10.3	15.5#
68	3.8	4.5	6.7#



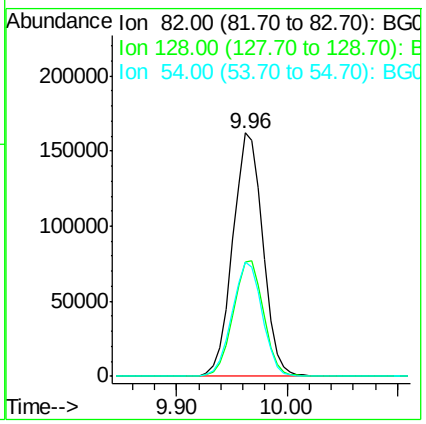


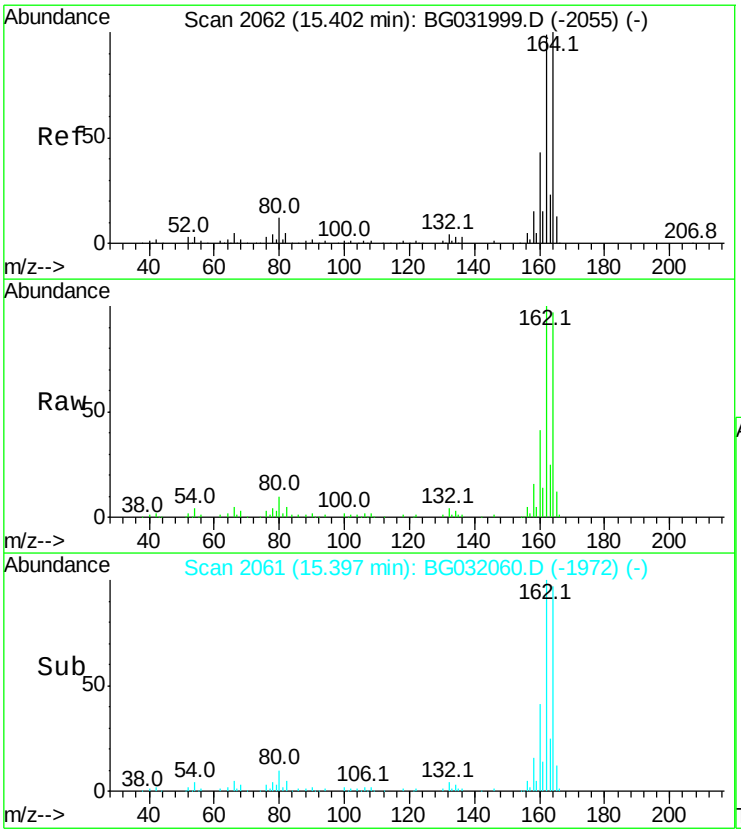
#23
Nitrobenzene-d5
Concen: 125.683 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 309897

Ion	Ratio	Lower	Upper
82	100		
128	46.7	29.7	44.5#
54	47.0	43.1	64.7

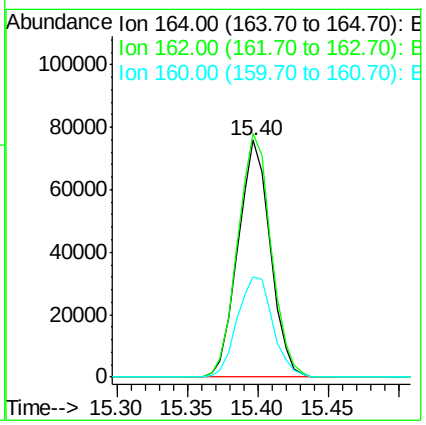


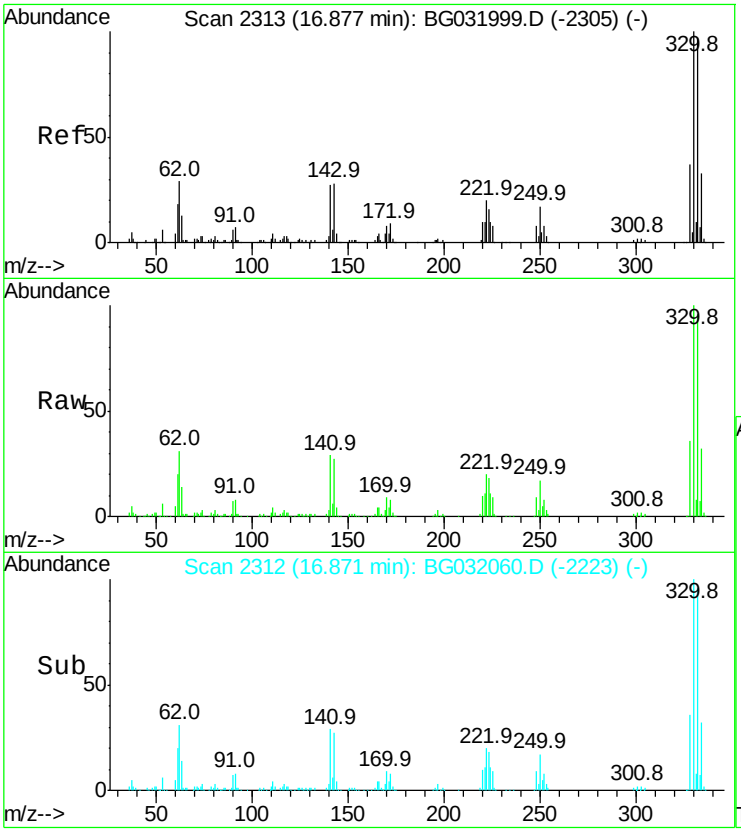


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Tgt Ion:164 Resp: 121663

Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	42.4	35.4	53.0



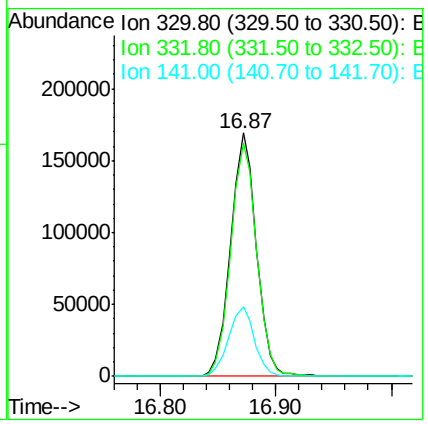


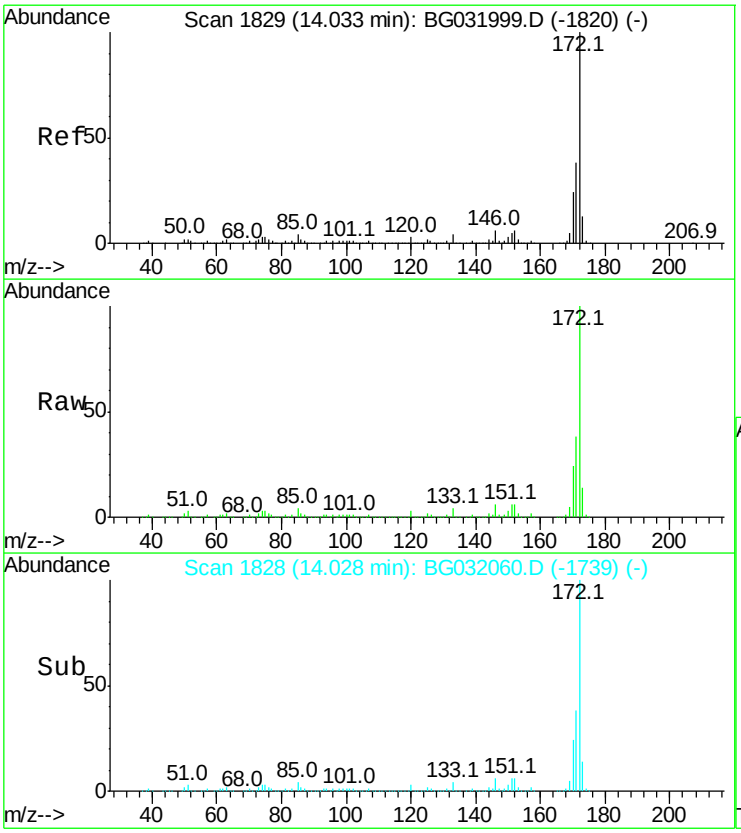
#41
2,4,6-Tribromophenol
Concen: 130.104 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 261930

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	28.6	25.2	37.8

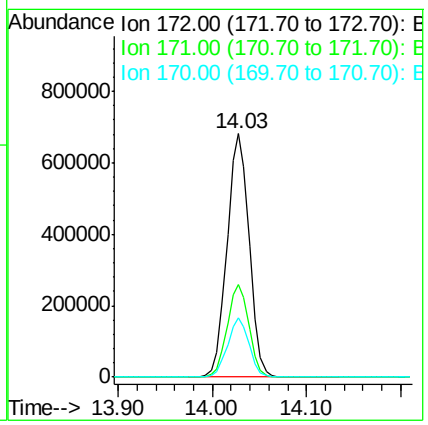


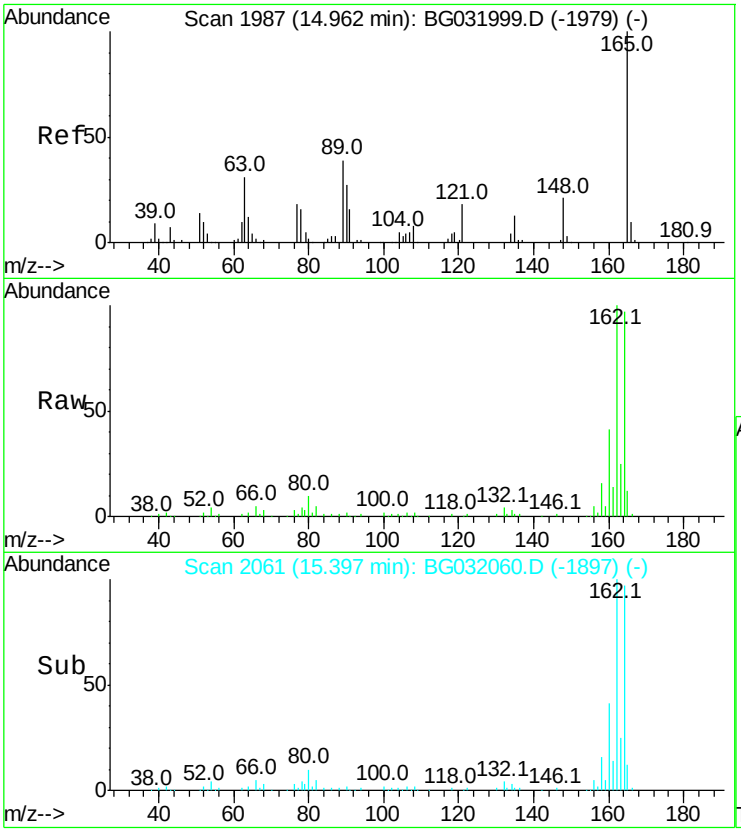


#44
2-Fluorobiphenyl
Concen: 114.494 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Tgt Ion:172 Resp: 1123402

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.2	19.5	29.3



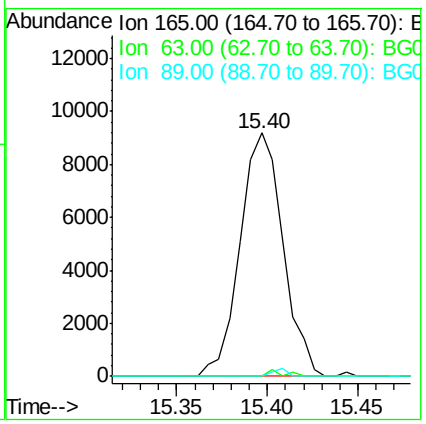


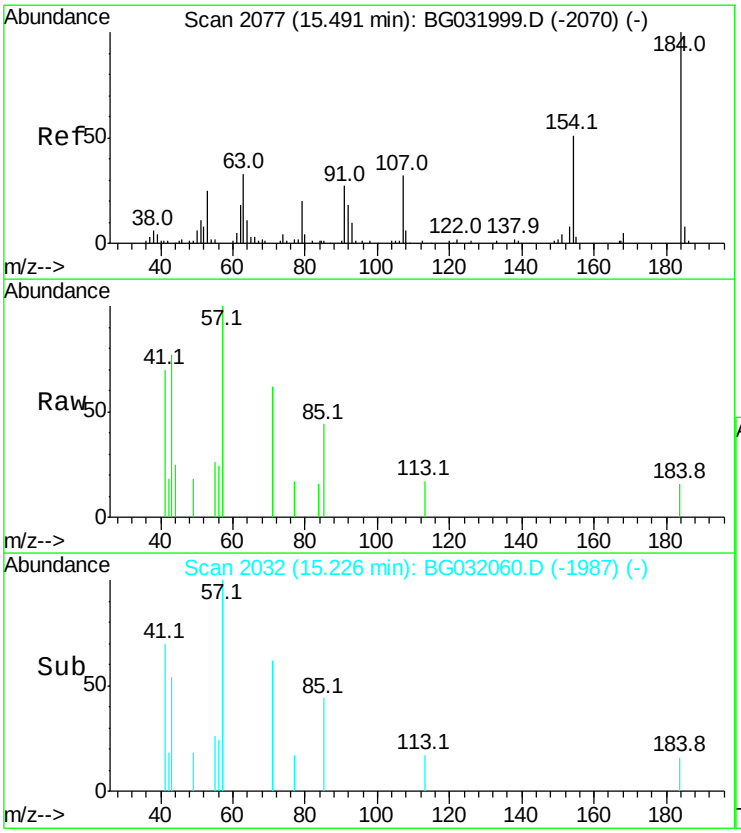
#50
2,6-Dinitrotoluene
Concen: 6.865 ng
RT: 15.40 min Scan# 2061
Delta R.T. 0.43 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15171

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

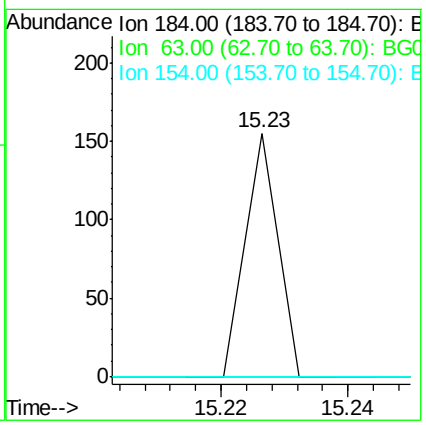


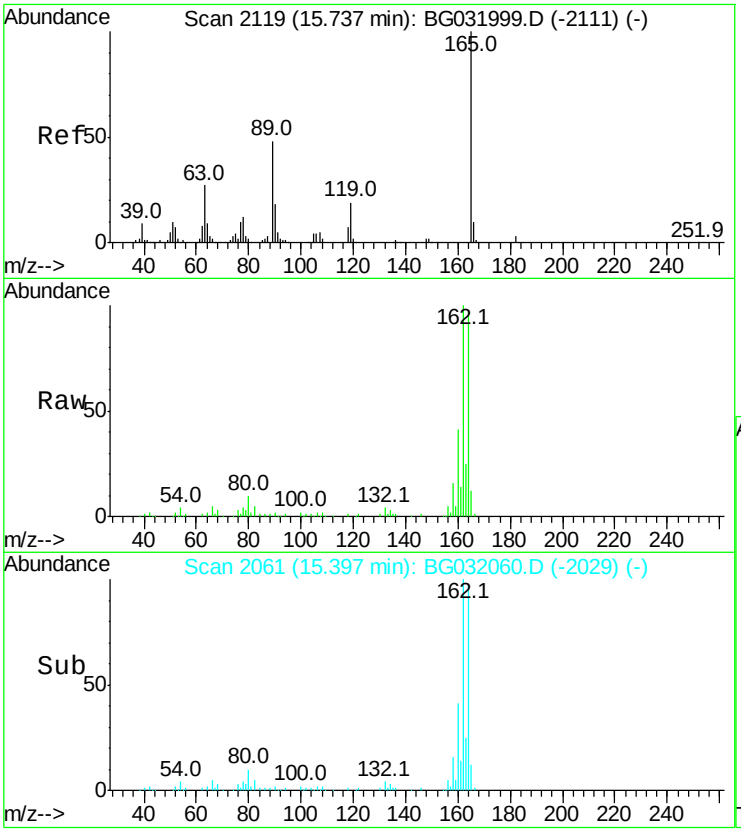


#53
2,4-Dinitrophenol
Concen: 7.009 ng
RT: 15.23 min Scan# 2032
Delta R.T. -0.26 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Tgt Ion:184 Resp: 55

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



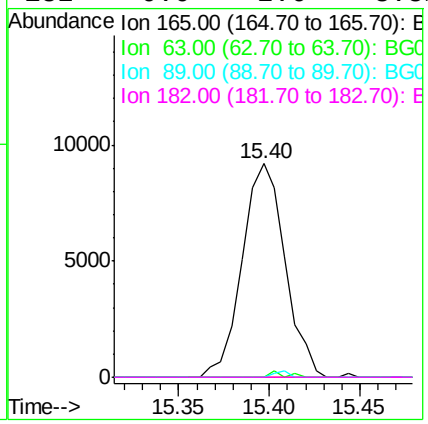


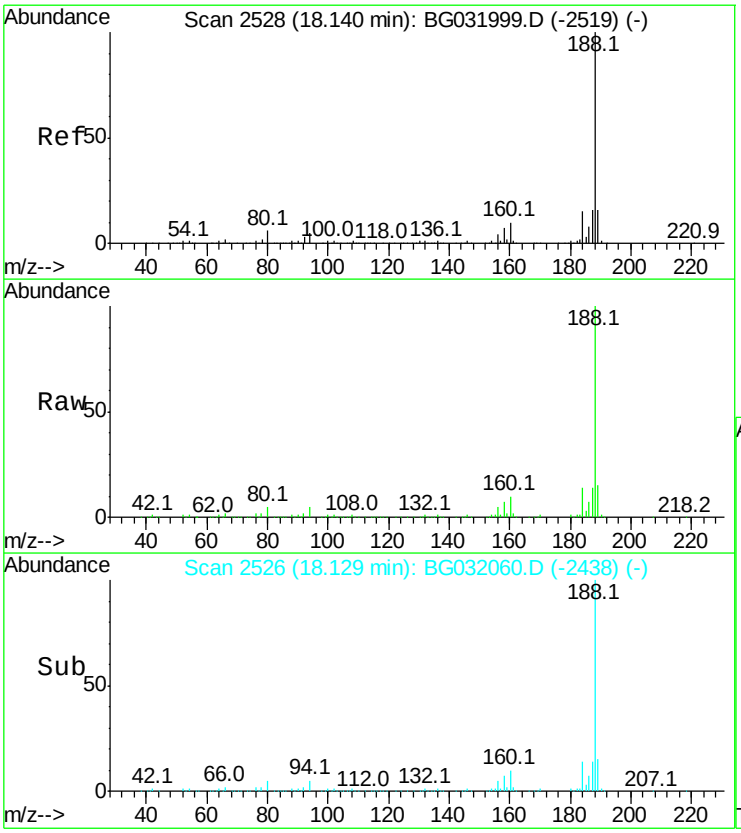
#56
2,4-Dinitrotoluene
Concen: 5.099 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.34 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15171

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#

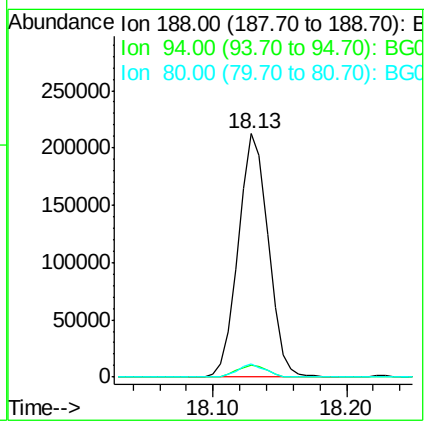


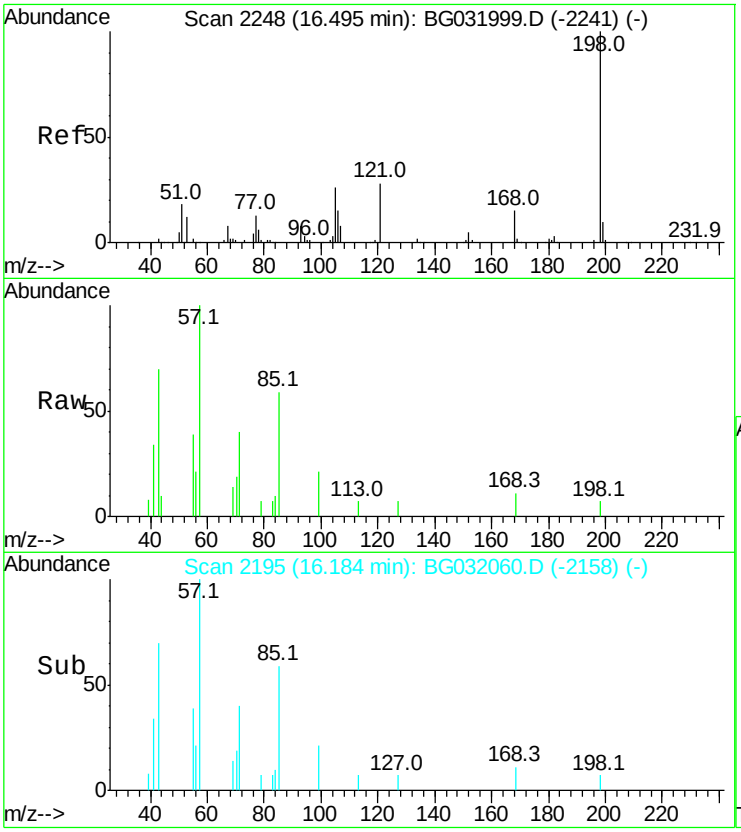


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Tgt Ion:188 Resp: 330721

Ion	Ratio	Lower	Upper
188	100		
94	5.0	6.9	10.3#
80	5.4	7.7	11.5#



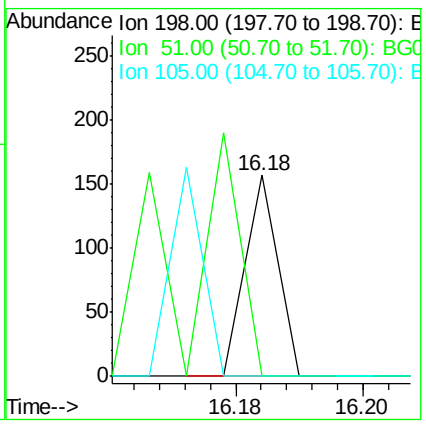


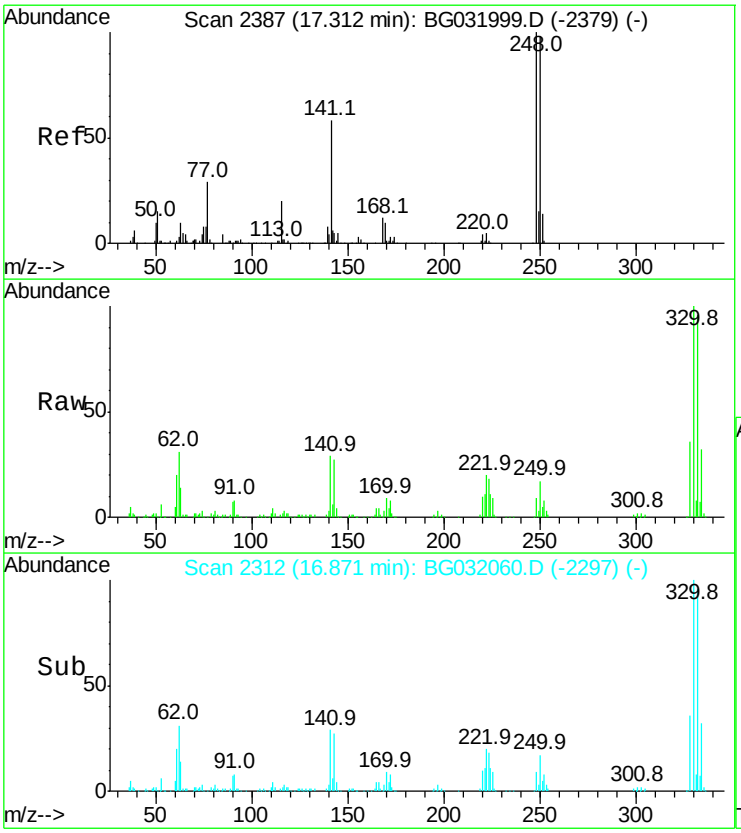
#64
4,6-Dinitro-2-methylphenol
Concen: 4.908 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.31 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 55

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#

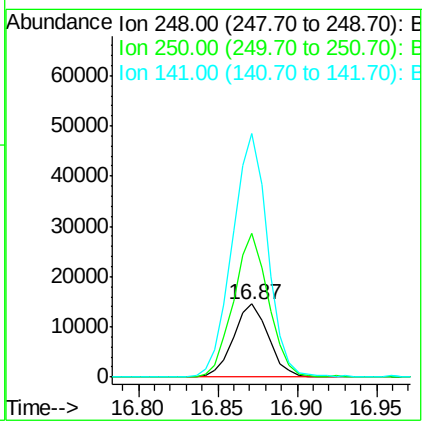


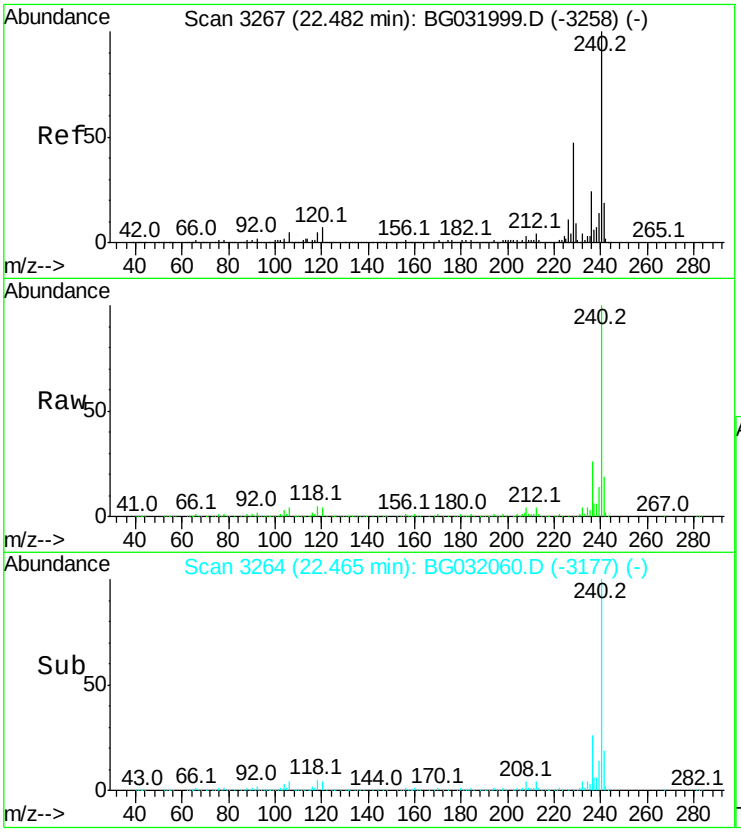


#66
4-Bromophenyl-phenylether
Concen: 4.702 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.44 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Tgt Ion:248 Resp: 22127

Ion	Ratio	Lower	Upper
248	100		
250	196.1	77.1	115.7#
141	332.9	50.8	76.2#



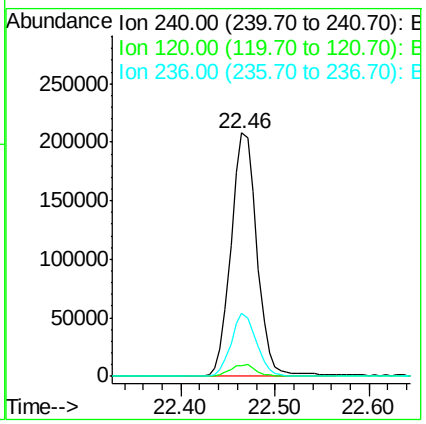


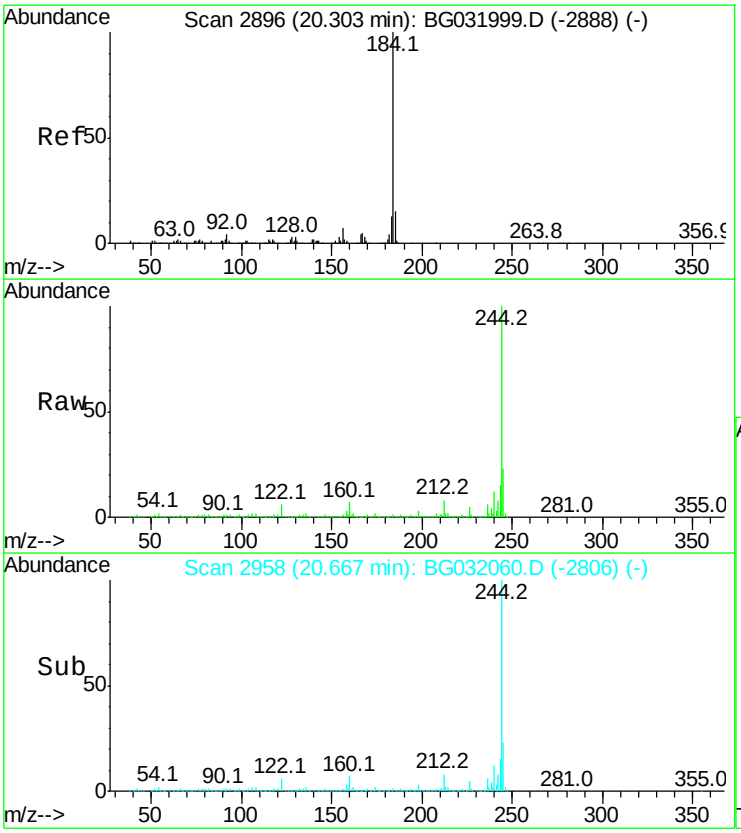
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.46 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 400395

Ion	Ratio	Lower	Upper
240	100		
120	4.4	6.8	10.2#
236	25.7	20.9	31.3

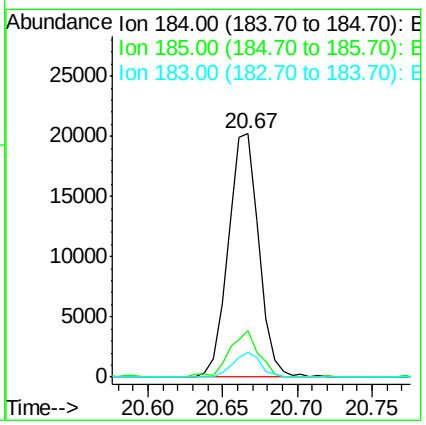


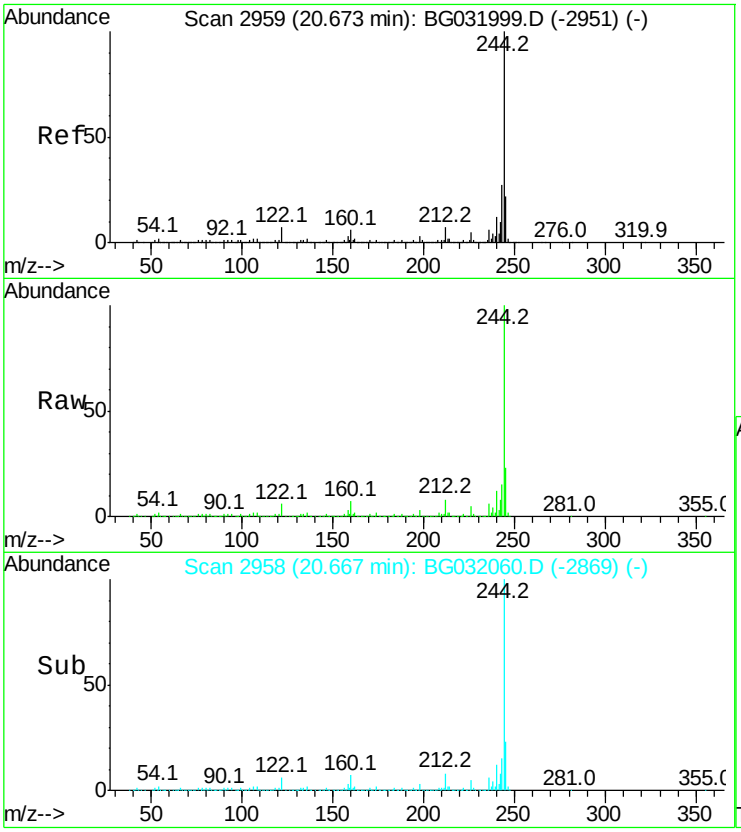


#76
Benzidine
Concen: 2.890 ng
RT: 20.67 min Scan# 2958
Delta R.T. 0.36 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Tgt Ion:184 Resp: 28931

Ion	Ratio	Lower	Upper
184	100		
185	19.1	11.1	16.7#
183	10.4	10.6	16.0#



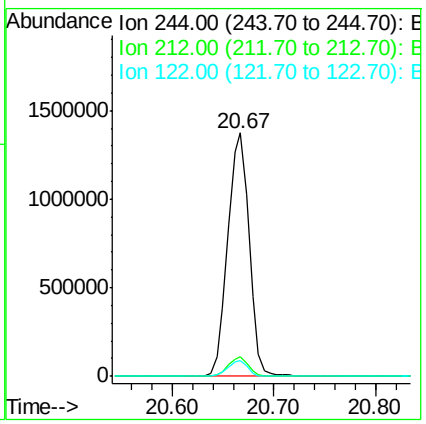


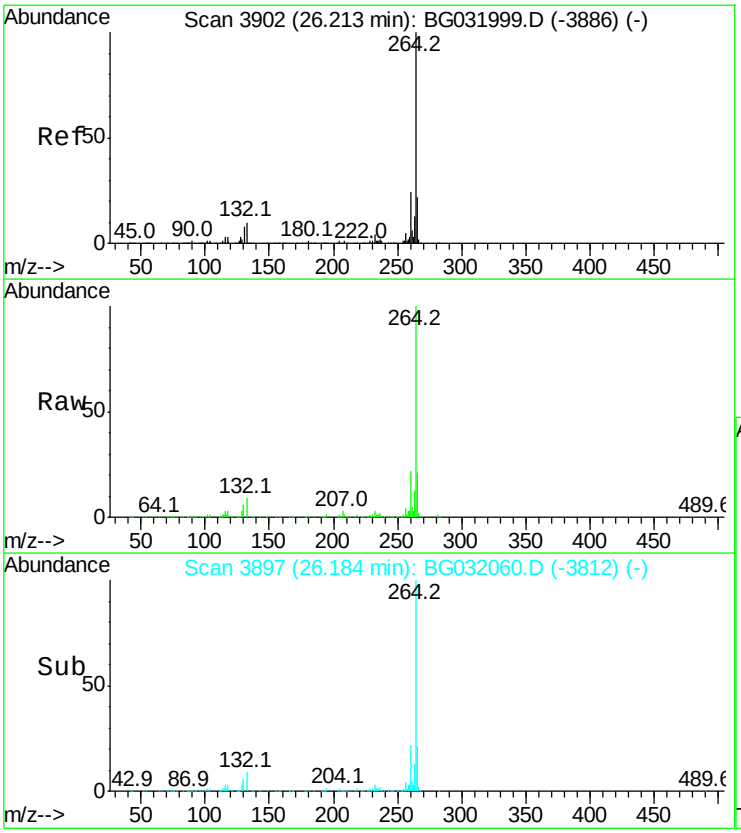
#78
Terphenyl-d14
Concen: 111.259 ng
RT: 20.67 min Scan# 2958
Delta R.T. -0.01 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2017515

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	6.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.18 min Scan# 3897
Delta R.T. -0.03 min
Lab File: BG032060.D
Acq: 16 Jan 2018 9:13

Tgt Ion:264 Resp: 407252

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.5	17.7	26.5