Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032101.D
Acq On : 17 Jan 2018 11:05
Operator : SJ/JU
Sample : J1122-23
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G-2

Quant Time: Jan 17 11:57:12 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	50688	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	200054	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	132435	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	347752	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	411902	20.00	ng	-0.02
86) Perylene-d12	26.19	264	411619	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	324795	117.19	ng	0.00
7) Phenol-d6	7.87	99	365343	104.67	ng	0.00
23) Nitrobenzene-d5	9.96	82	273418	92.46	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	276611	126.22	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	959021	89.79	ng	0.00
78) Terphenyl-d14	20.66	244	1787045	95.80	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.96	70	38812	17.921	ng	# 70
32) Benzoic acid	10.84	122	61	5.280	ng	# 23
50) 2,6-Dinitrotoluene	15.40	165	17839	7.416	ng	# 18
56) 2,4-Dinitrotoluene	15.40	165	17839	5.508	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.87	198	555	5.108	ng	# 1
66) 4-Bromophenyl-phenylether	16.87	248	22810	4.610	ng	# 1
76) Benzidine	20.66	184	24505	2.379	ng	# 93

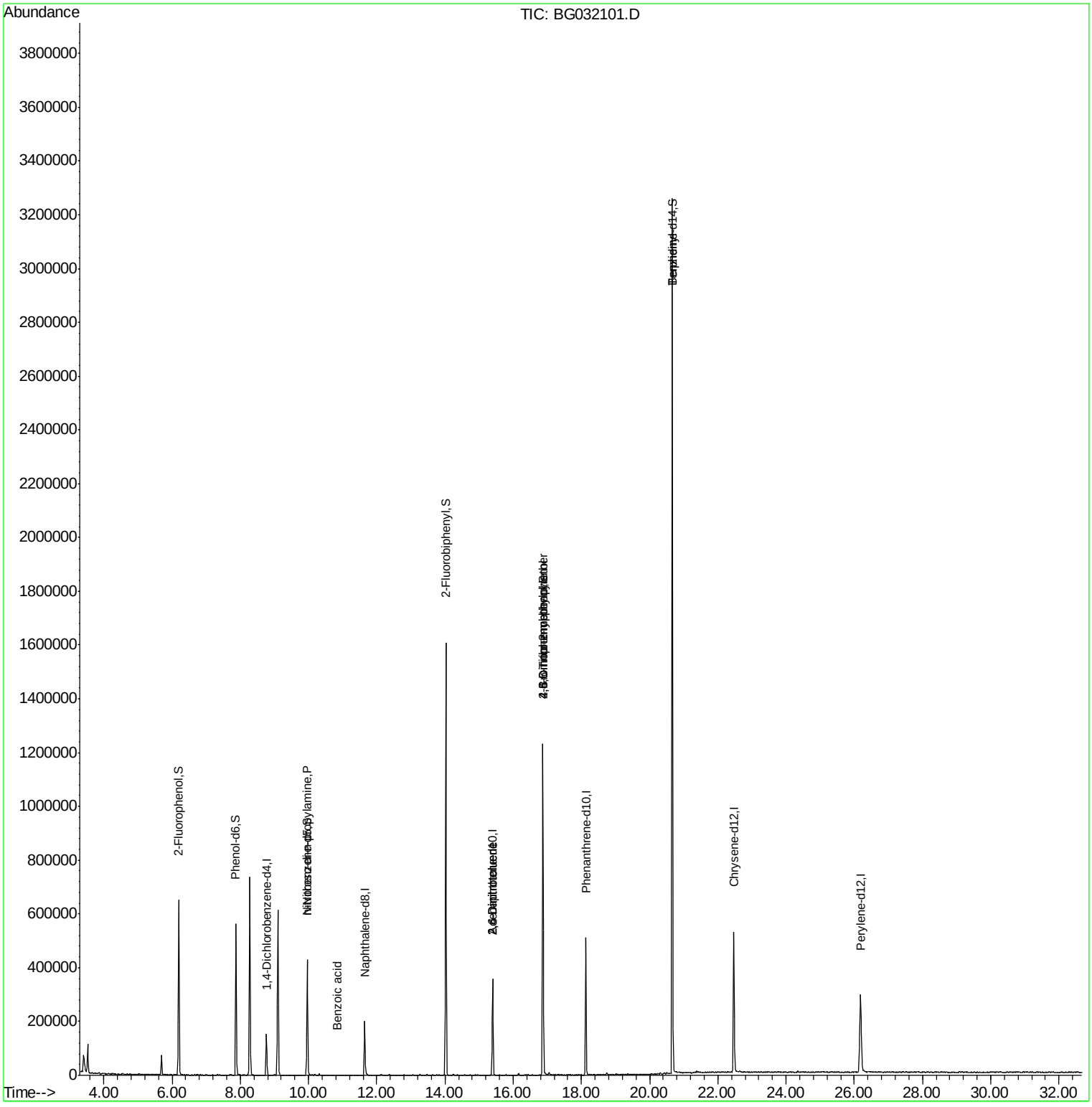
(#) = qualifier out of range (m) = manual integration (+) = signals summed

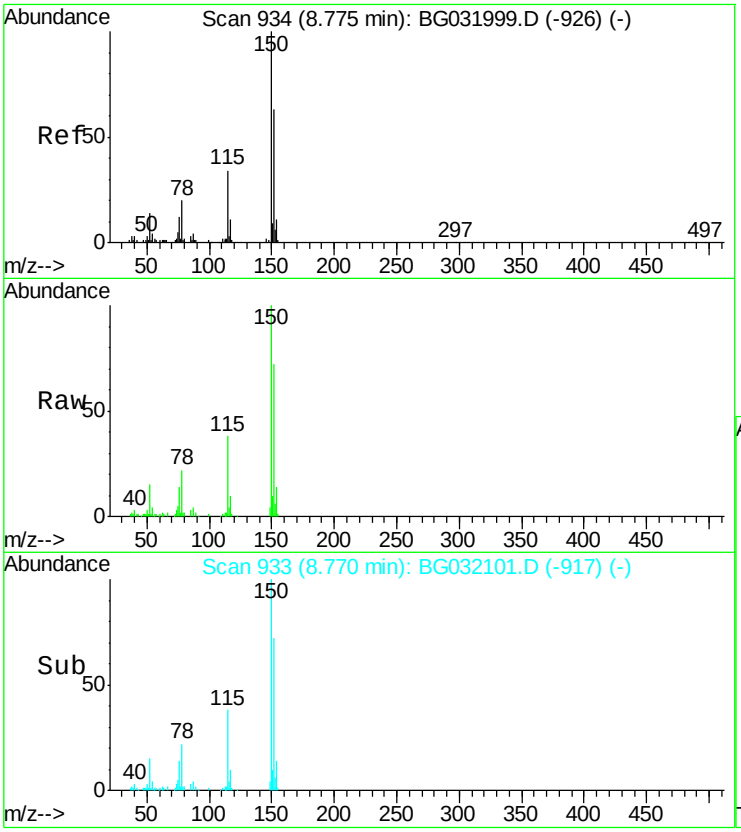
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032101.D
Acq On : 17 Jan 2018 11:05
Operator : SJ/JU
Sample : J1122-23
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G-2

Quant Time: Jan 17 11:57:12 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



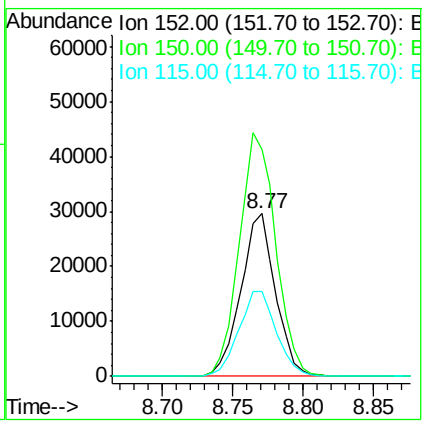


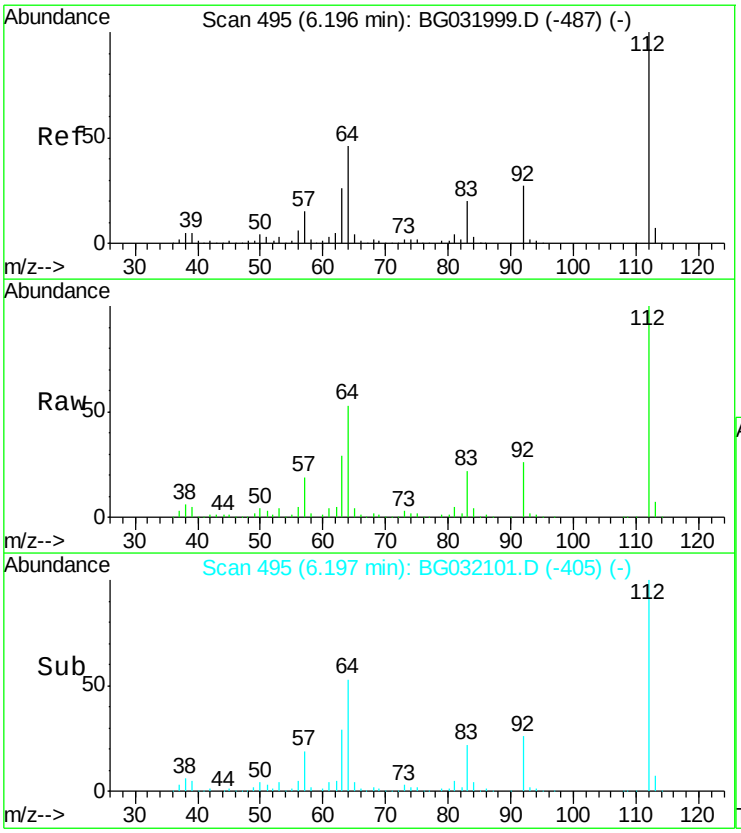
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Instrument :
BNA_G
ClientSampleId :
G-2

Tgt Ion:152 Resp: 50688

Ion	Ratio	Lower	Upper
152	100		
150	139.6	126.6	189.8
115	52.6	53.0	79.4#

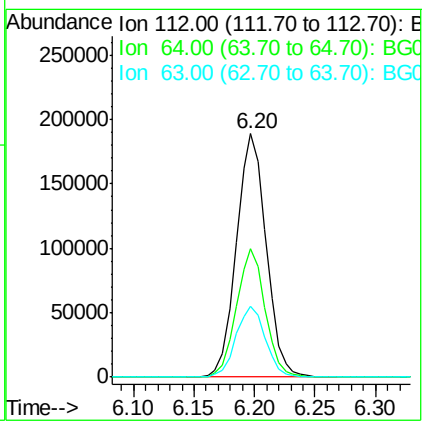


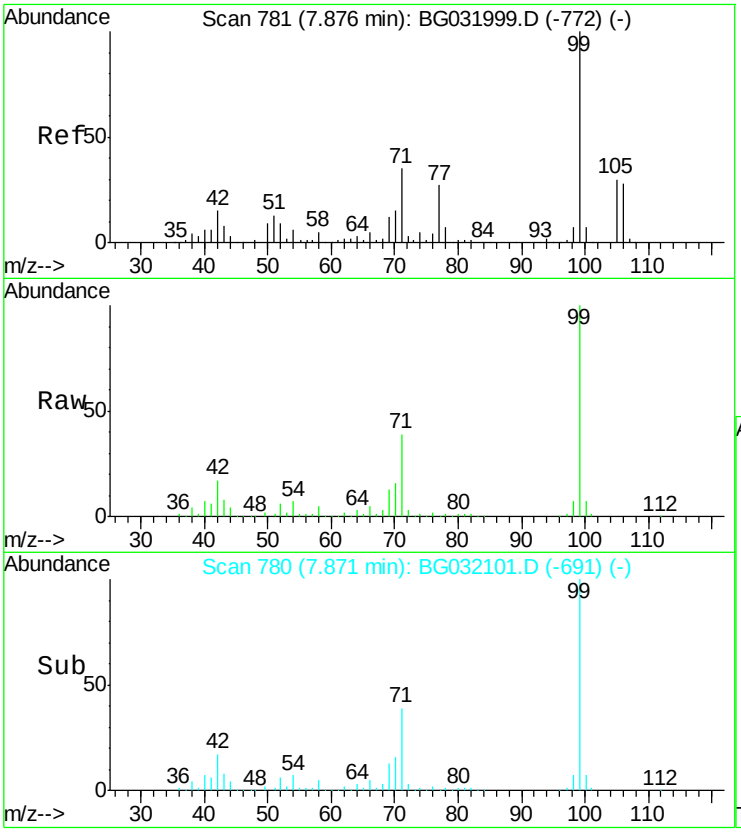


#5
2-Fluorophenol
Concen: 117.193 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Tgt Ion:112 Resp: 324795

Ion	Ratio	Lower	Upper
112	100		
64	52.6	56.3	84.5#
63	29.1	30.1	45.1#



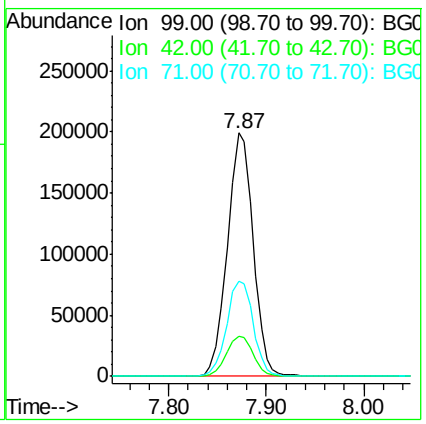


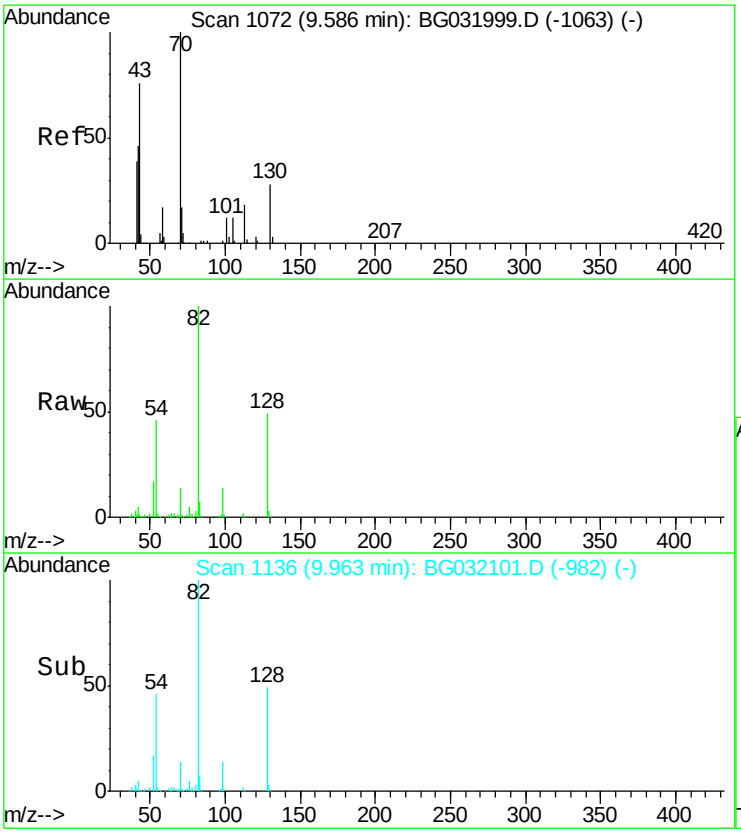
#7
Phenol-d6
Concen: 104.669 ng
RT: 7.87 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Instrument :
BNA_G
ClientSampleId :
G-2

Tgt Ion: 99 Resp: 365343

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.1	21.1
71	39.2	26.1	39.1#

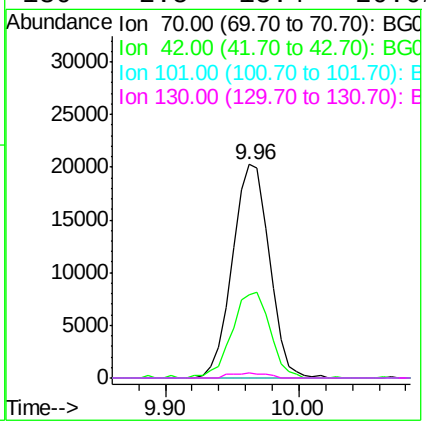


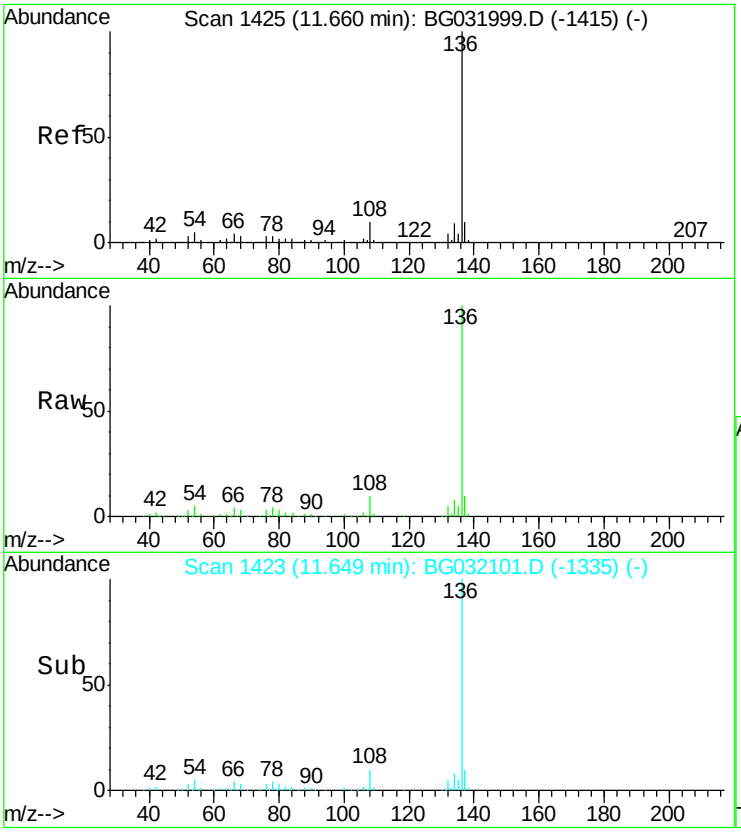


#19
n-Nitroso-di-n-propylamine
Concen: 17.921 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Tgt Ion: 70 Resp: 38812

Ion	Ratio	Lower	Upper
70	100		
42	38.8	49.1	73.7#
101	0.0	8.5	12.7#
130	2.5	13.4	20.0#



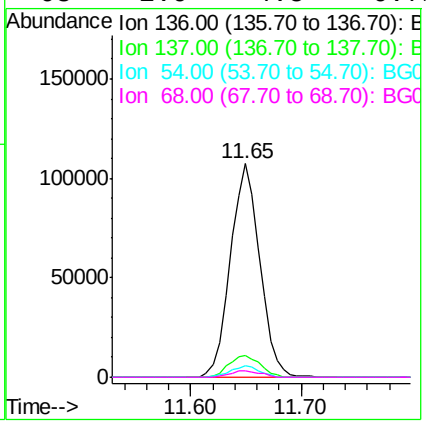


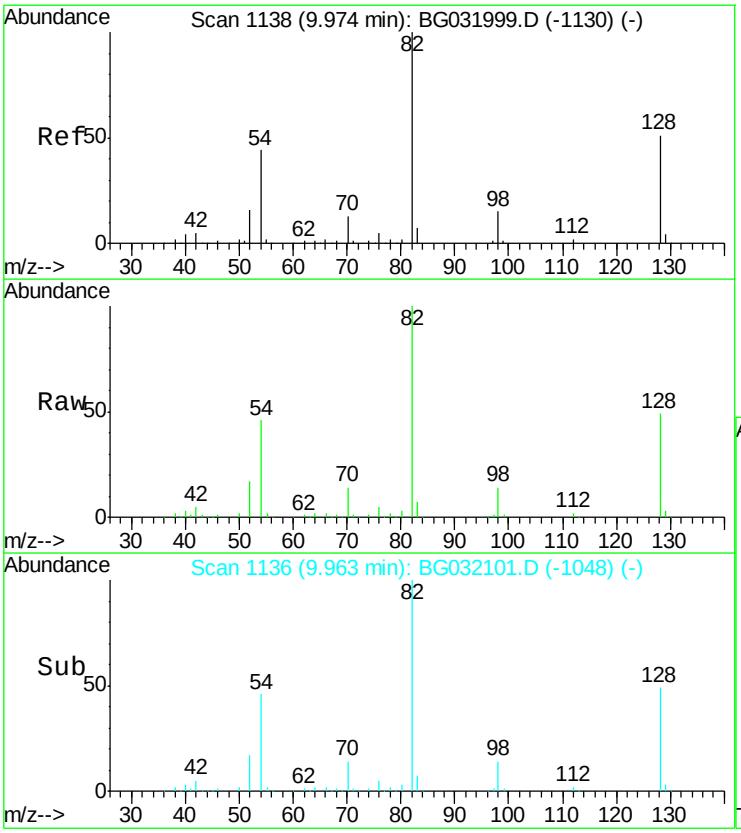
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Instrument :
BNA_G
ClientSampleId :
G-2

Tgt Ion:136 Resp: 200054

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	5.5	10.3	15.5#
68	2.9	4.5	6.7#

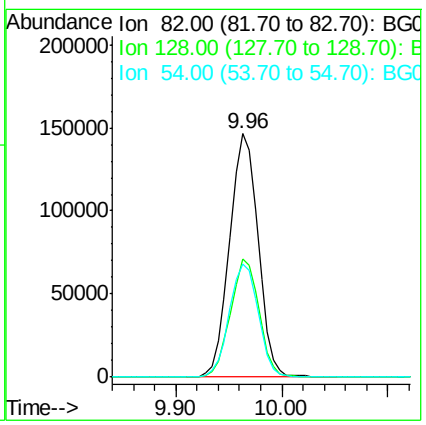


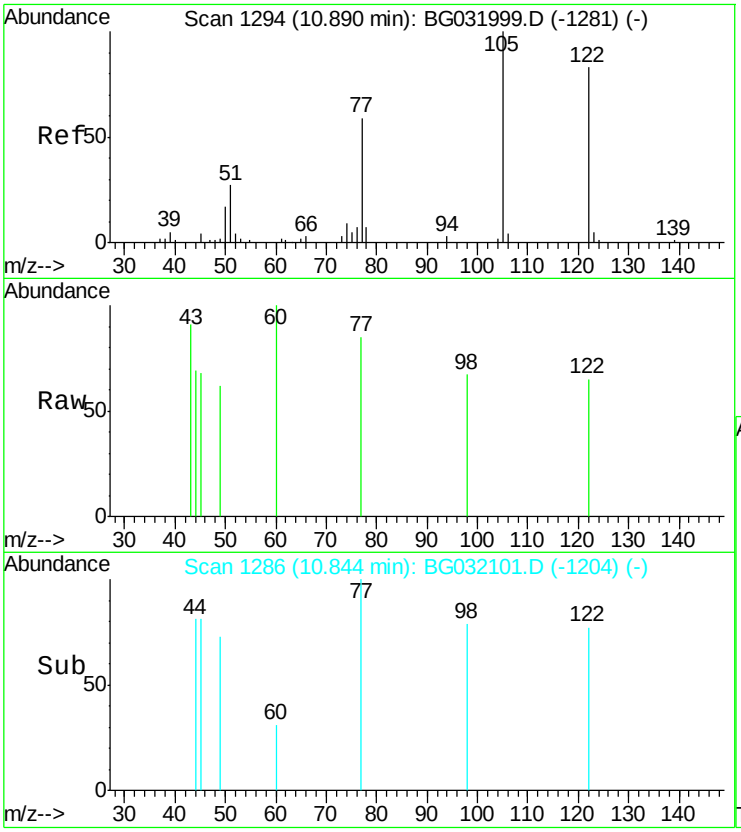


#23
Nitrobenzene-d5
Concen: 92.465 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Tgt Ion: 82 Resp: 273418

Ion	Ratio	Lower	Upper
82	100		
128	48.7	29.7	44.5#
54	46.4	43.1	64.7



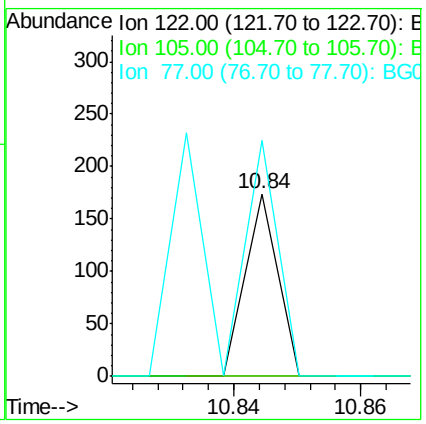


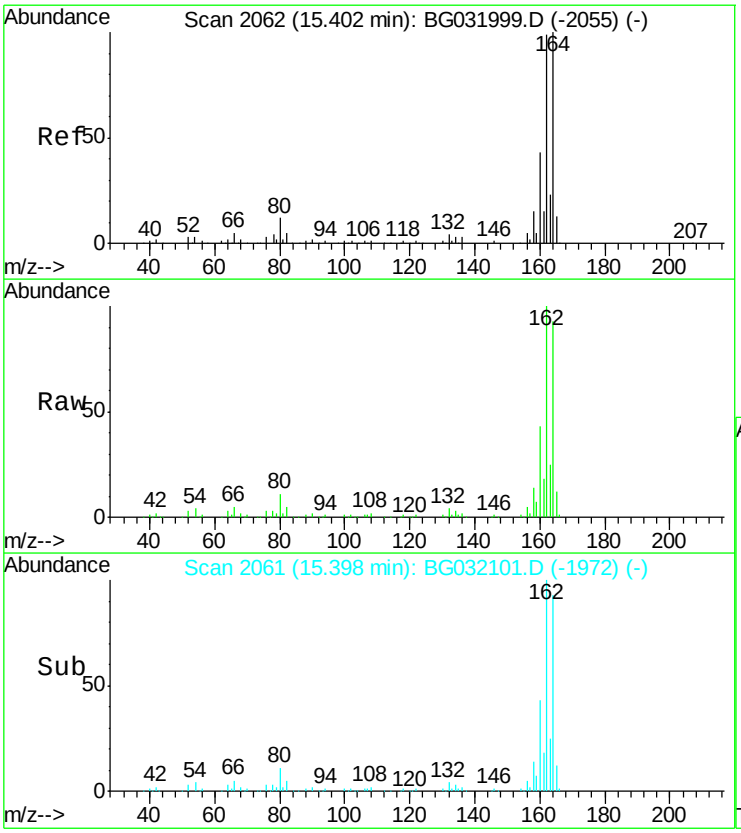
#32
Benzoic acid
Concen: 5.280 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.05 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Instrument :
BNA_G
ClientSampleId :
G-2

Tgt Ion:122 Resp: 61

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	129.3	85.7	125.7#

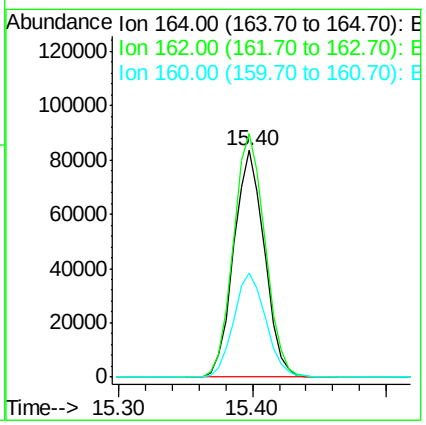


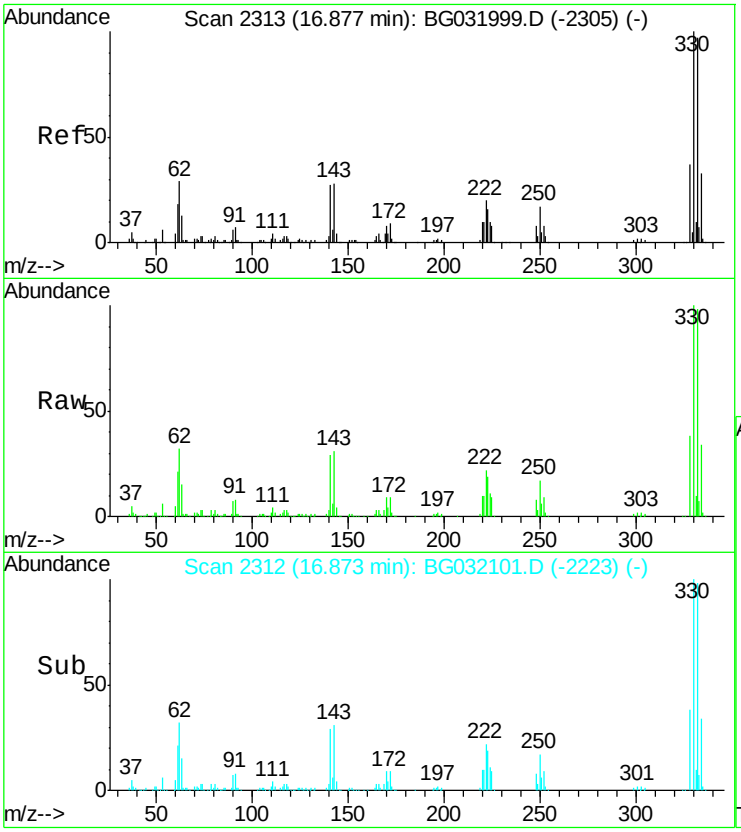


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Tgt Ion:164 Resp: 132435

Ion	Ratio	Lower	Upper
164	100		
162	107.4	78.8	118.2
160	46.0	35.4	53.0



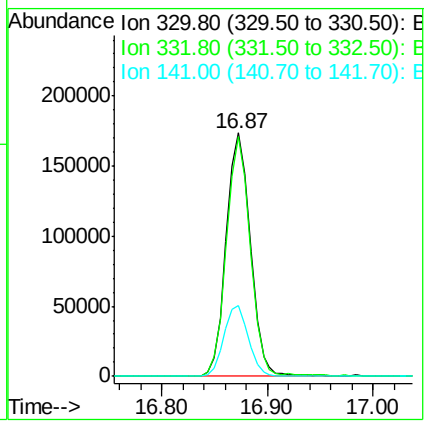


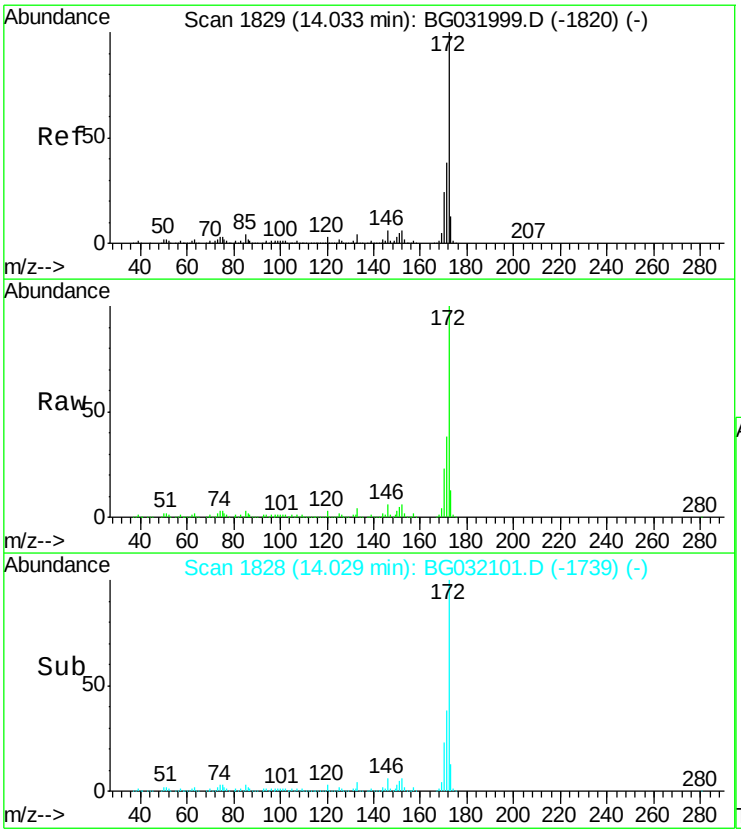
#41
2,4,6-Tribromophenol
Concen: 126.221 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Instrument :
BNA_G
ClientSampleId :
G-2

Tgt Ion:330 Resp: 276611

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	29.5	25.2	37.8

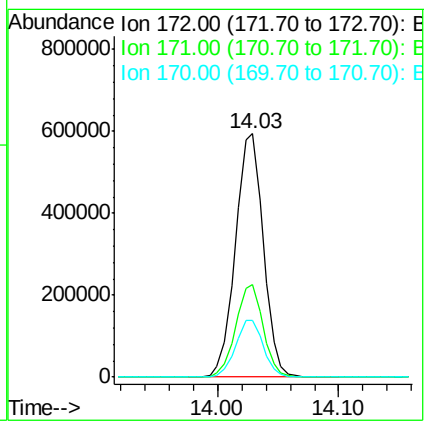


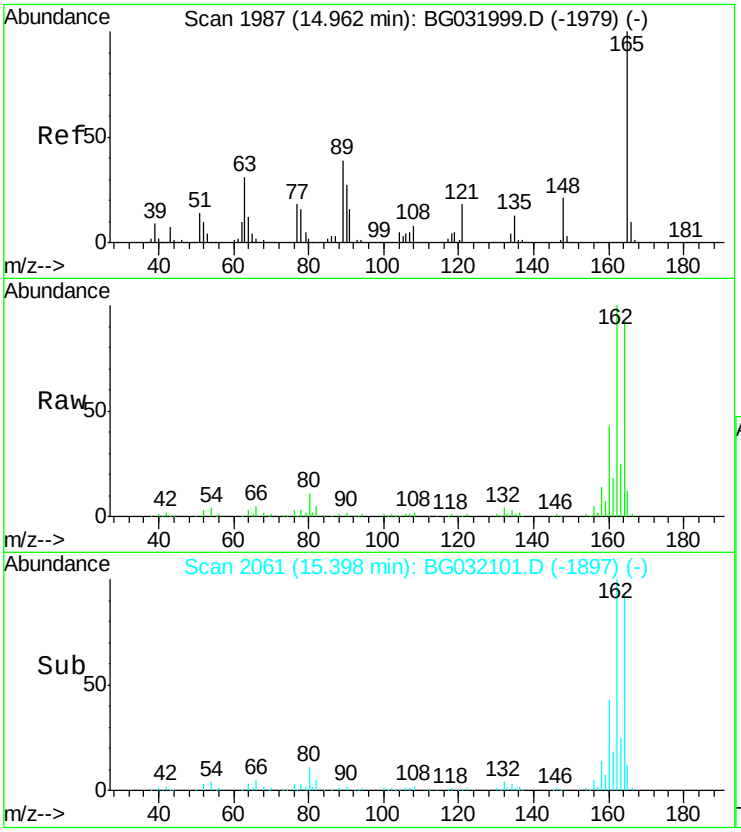


#44
2-Fluorobiphenyl
Concen: 89.790 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Tgt Ion:172 Resp: 959021

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	23.3	19.5	29.3



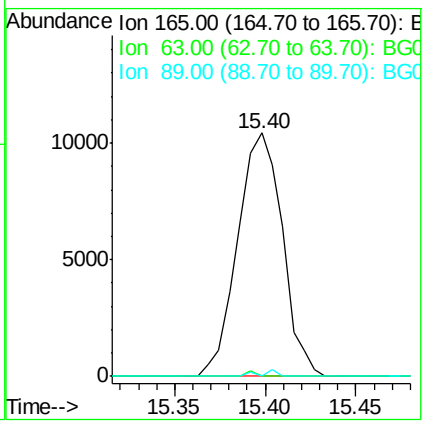


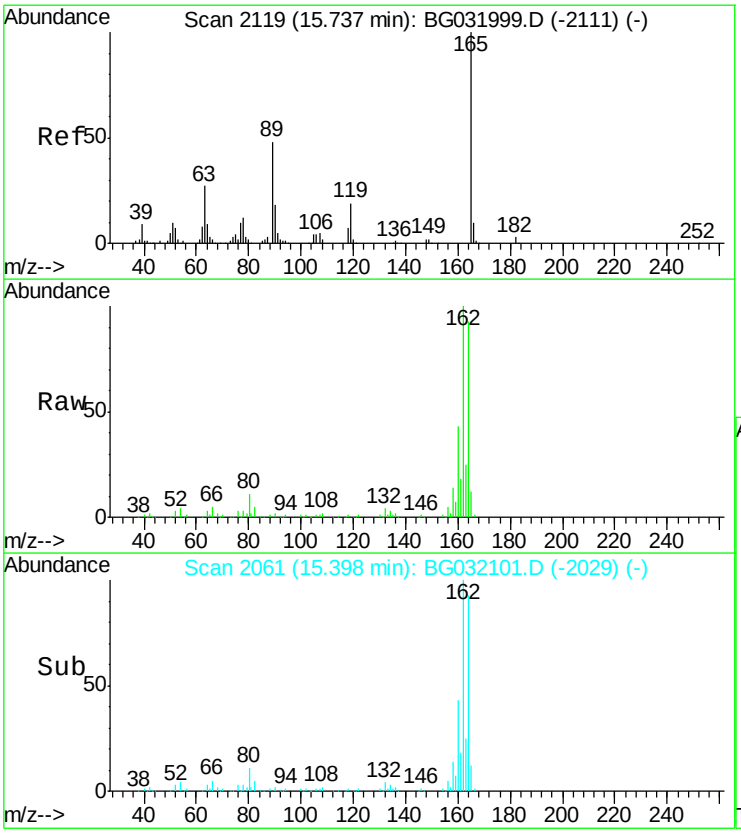
#50
2,6-Dinitrotoluene
Concen: 7.416 ng
RT: 15.40 min Scan# 2061
Delta R.T. 0.44 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Instrument :
BNA_G
ClientSampleId :
G-2

Tgt Ion:165 Resp: 17839

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

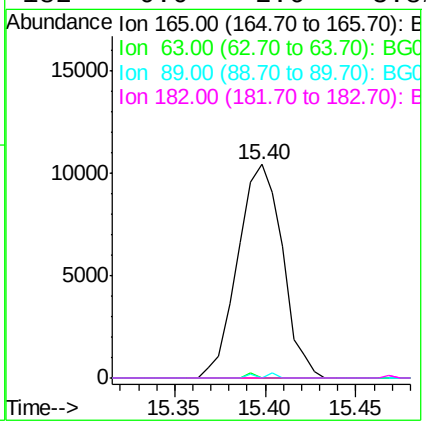


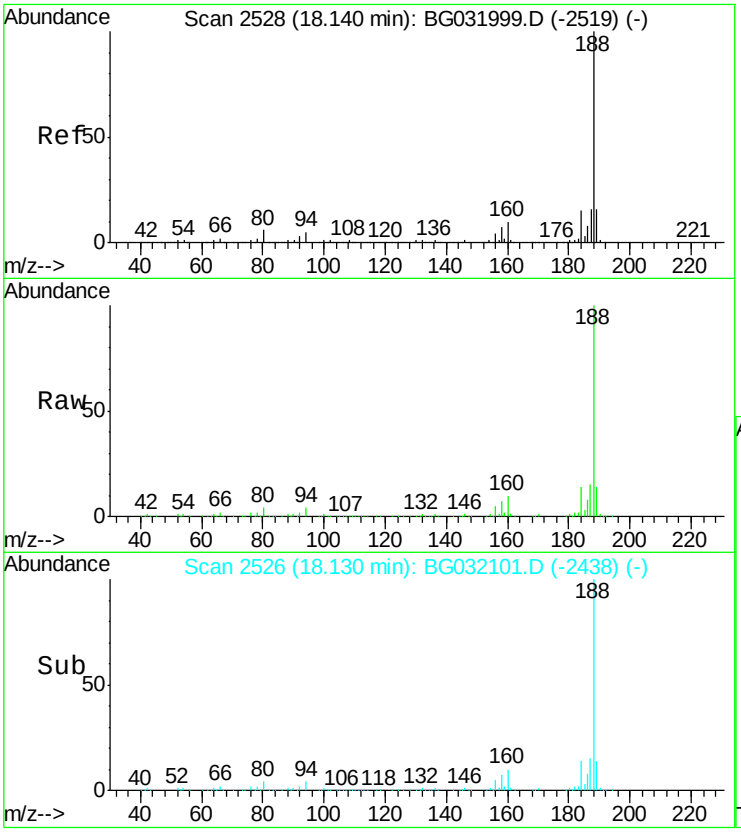


#56
2,4-Dinitrotoluene
Concen: 5.508 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.34 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Tgt Ion:165 Resp: 17839

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#



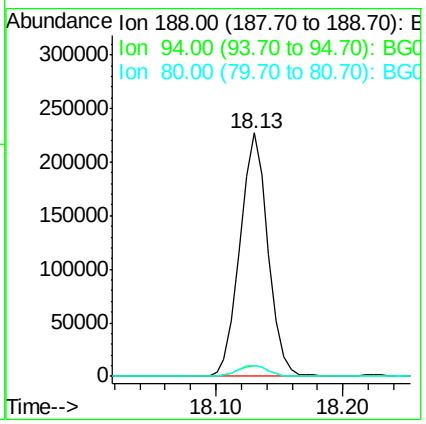


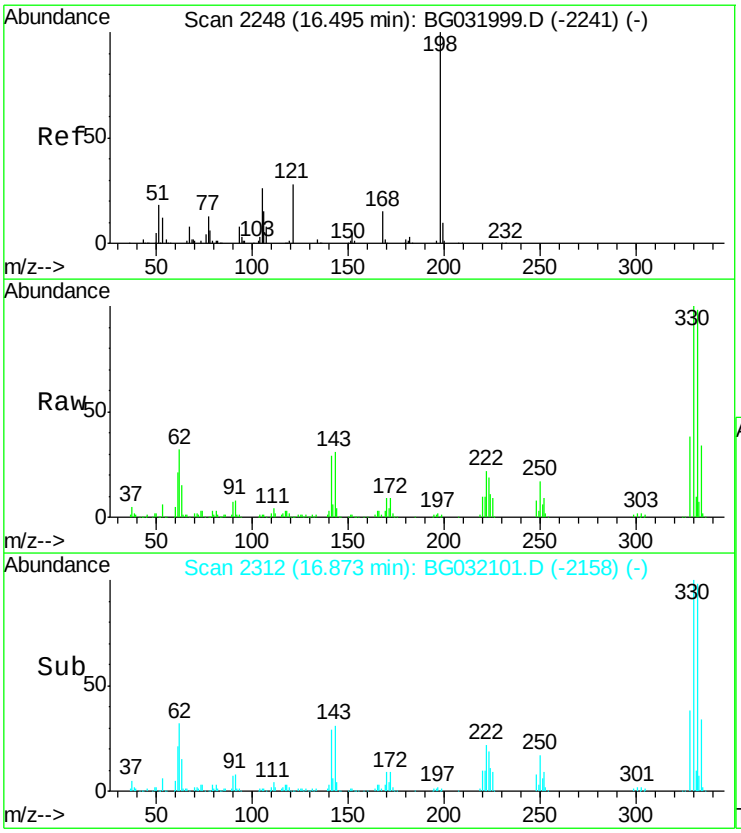
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Instrument :
BNA_G
ClientSampleId :
G-2

Tgt Ion:188 Resp: 347752

Ion	Ratio	Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	4.2	7.7	11.5#

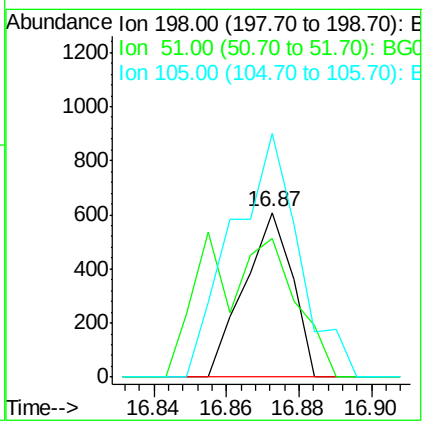


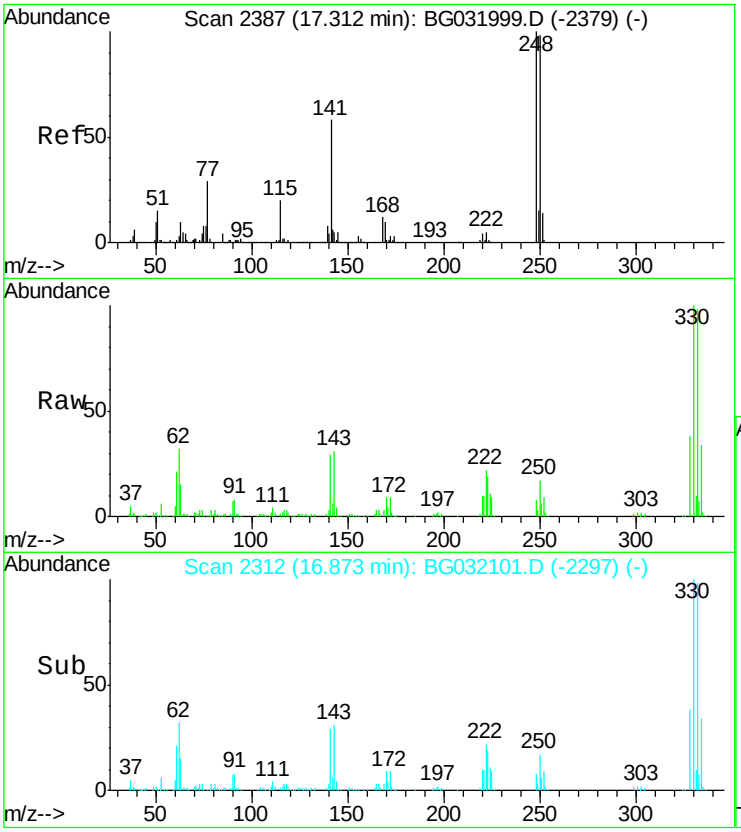


#64
4,6-Dinitro-2-methylphenol
Concen: 5.108 ng
RT: 16.87 min Scan# 2312
Delta R.T. 0.38 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Tgt Ion:198 Resp: 555

Ion	Ratio	Lower	Upper
198	100		
51	84.1	30.6	70.6#
105	147.8	23.8	63.8#



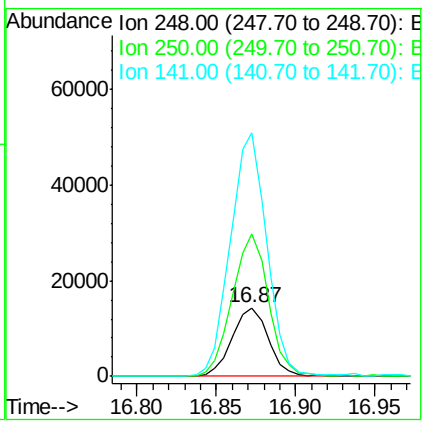


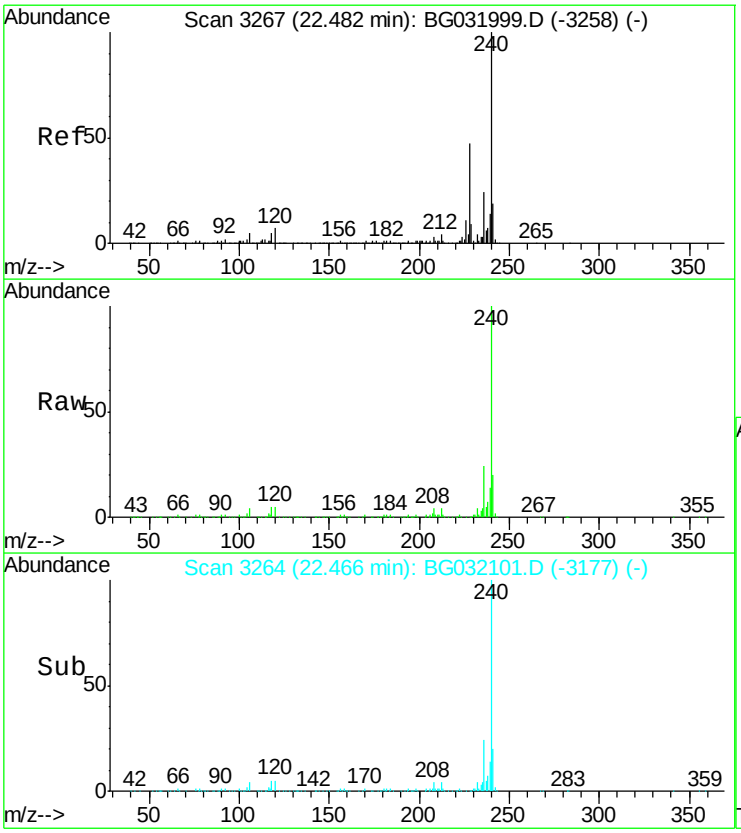
#66
4-Bromophenyl-phenylether
Concen: 4.610 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.44 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Instrument :
BNA_G
ClientSampleId :
G-2

Tgt Ion:248 Resp: 22810

Ion	Ratio	Lower	Upper
248	100		
250	207.7	77.1	115.7#
141	356.4	50.8	76.2#

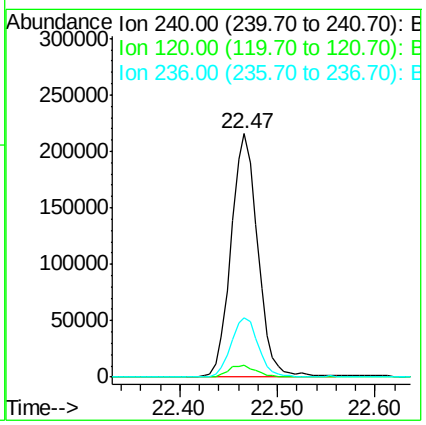


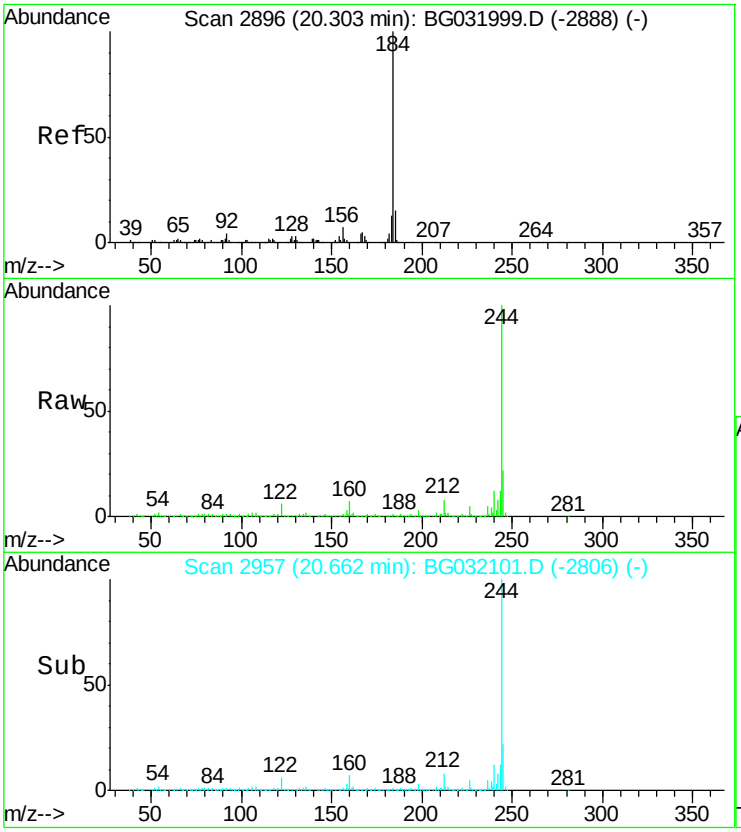


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Tgt Ion:240 Resp: 411902

Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.8	10.2#
236	24.1	20.9	31.3



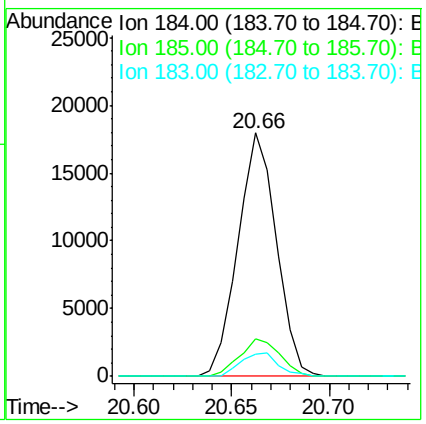


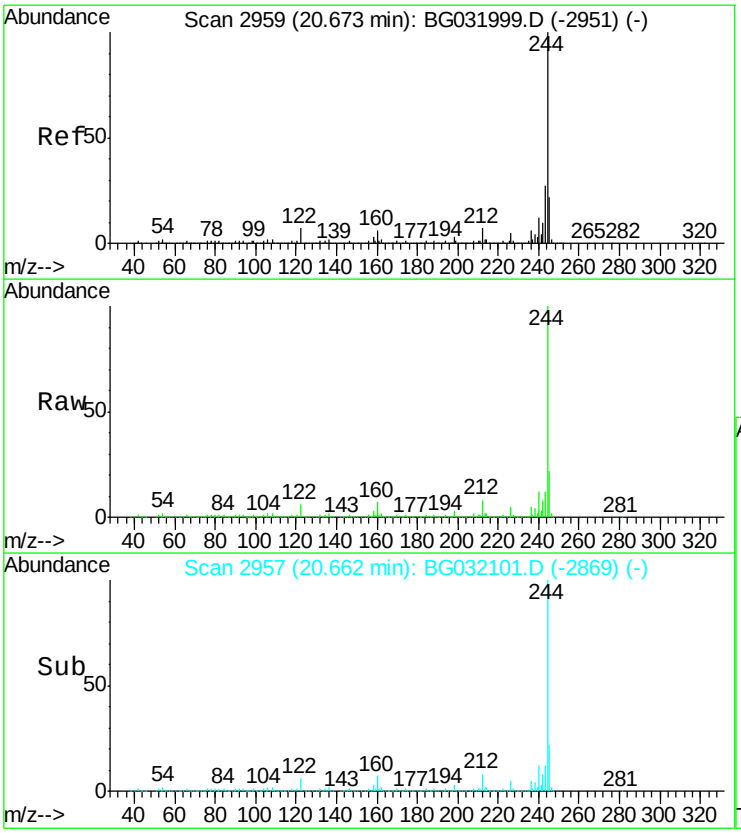
#76
Benzidine
Concen: 2.379 ng
RT: 20.66 min Scan# 2957
Delta R.T. 0.36 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Instrument :
BNA_G
ClientSampleId :
G-2

Tgt Ion:184 Resp: 24505

Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.1	16.7
183	9.1	10.6	16.0#

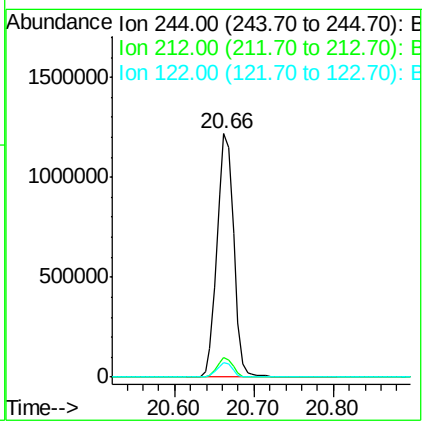


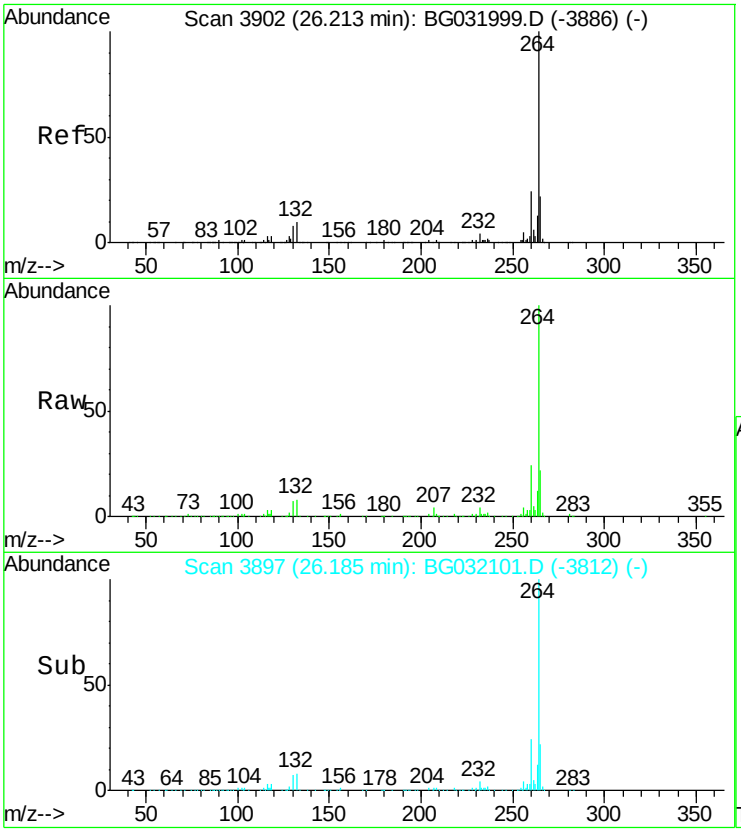


#78
Terphenyl-d14
Concen: 95.796 ng
RT: 20.66 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Tgt Ion:244 Resp: 1787045

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	6.2	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.19 min Scan# 3897
Delta R.T. -0.03 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Instrument :
BNA_G
ClientSampleId :
G-2

Tgt Ion:264 Resp: 411619

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	22.3	17.7	26.5