Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032031.D
Acq On : 13 Jan 2018 9:32
Operator : SJ/JU
Sample : J1015-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-011118-C

Quant Time: Jan 15 09:57:45 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 17:27:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	60458	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	246818	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	164317	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	409923	20.00	ng	0.00
75) Chrysene-d12	22.47	240	461565	20.00	ng	-0.01
86) Perylene-d12	26.20	264	482862	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	417814	126.39	ng	0.00
7) Phenol-d6	7.88	99	453735	108.99	ng	0.00
23) Nitrobenzene-d5	9.97	82	347060	95.13	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	361754	133.04	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1202824	90.77	ng	0.00
78) Terphenyl-d14	20.67	244	2036103	97.40	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.97	70	46115	17.852	ng	# 71
27) 2,4-Dimethylphenol	10.82	122	8307	2.428	ng	# 1
32) Benzoic acid	10.93	122	270	5.344	ng	# 1
50) 2,6-Dinitrotoluene	15.40	165	21601	7.237	ng	# 20
56) 2,4-Dinitrotoluene	15.40	165	21601	5.376	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.27	198	61	4.905	ng	# 29
66) 4-Bromophenyl-phenylether	16.87	248	29661	5.086	ng	# 1
76) Benzidine	20.67	184	27622	2.393	ng	# 92

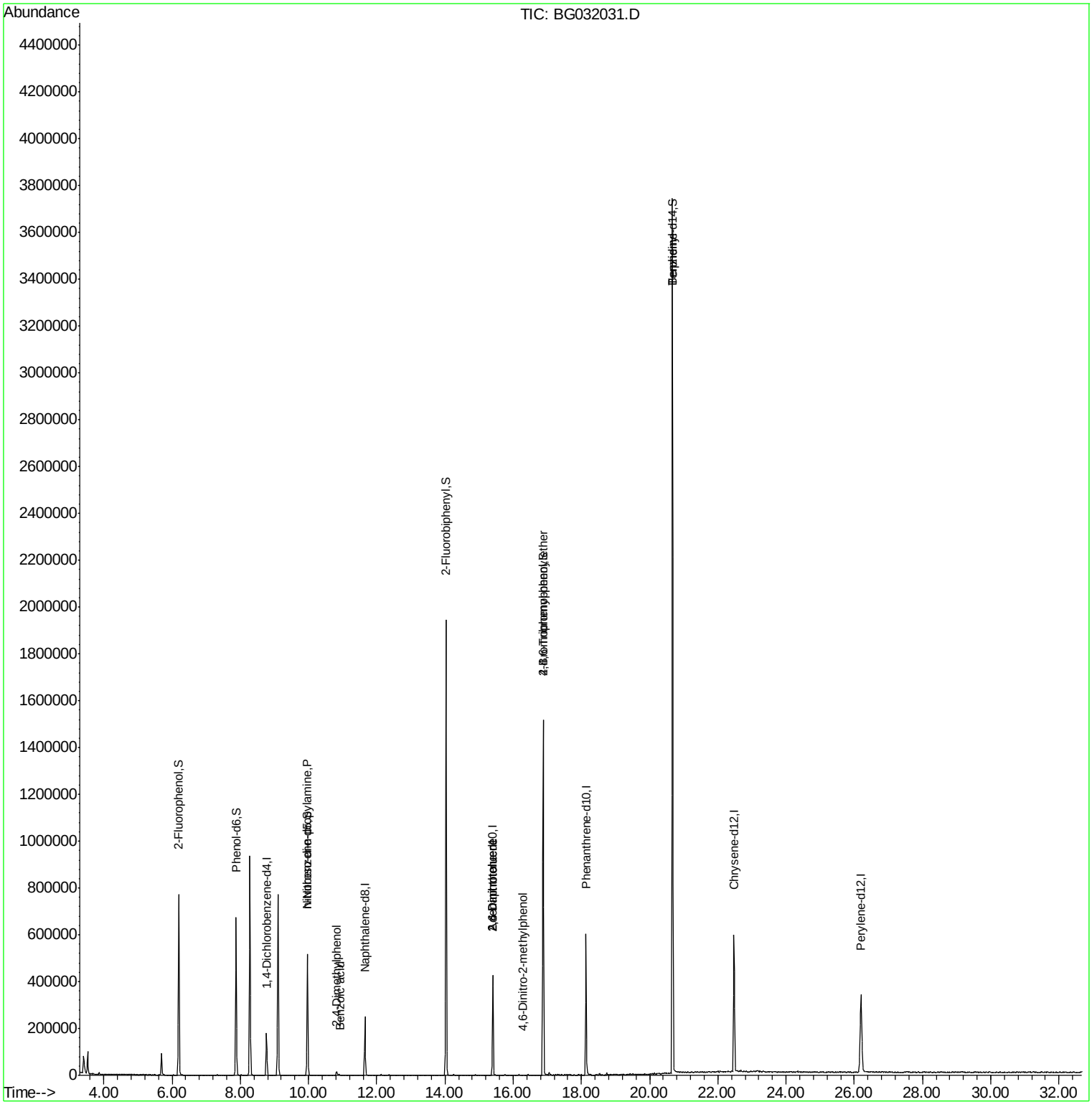
(#) = qualifier out of range (m) = manual integration (+) = signals summed

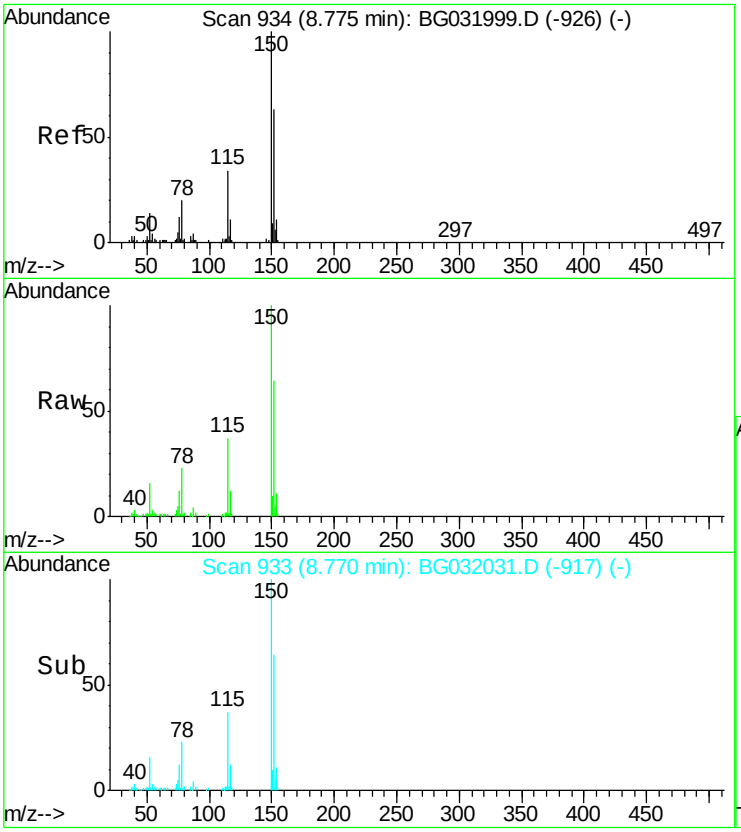
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032031.D
Acq On : 13 Jan 2018 9:32
Operator : SJ/JU
Sample : J1015-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Quant Time: Jan 15 09:57:45 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 17:27:17 2018
Response via : Initial Calibration



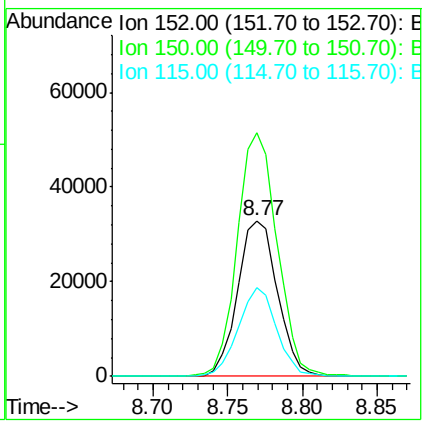


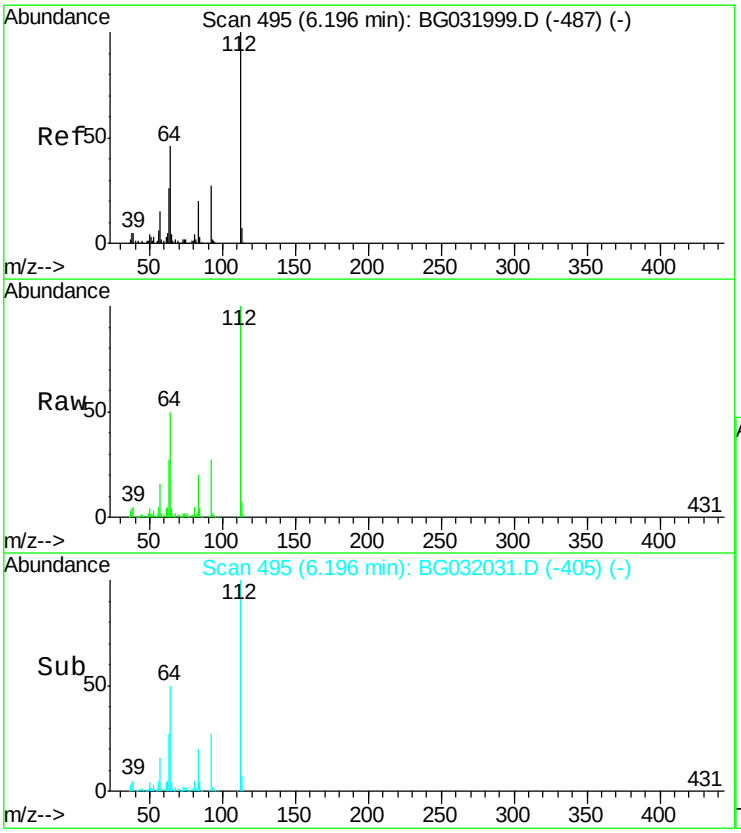
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Tgt Ion:152 Resp: 60458

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.6	189.8
115	57.3	53.0	79.4

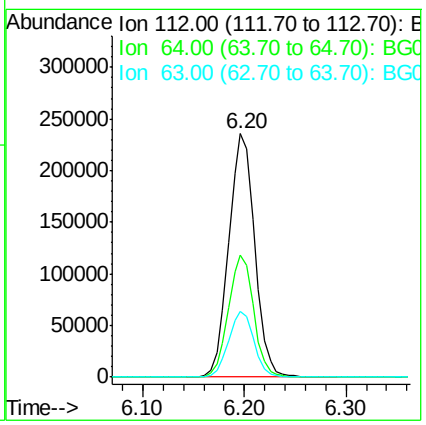


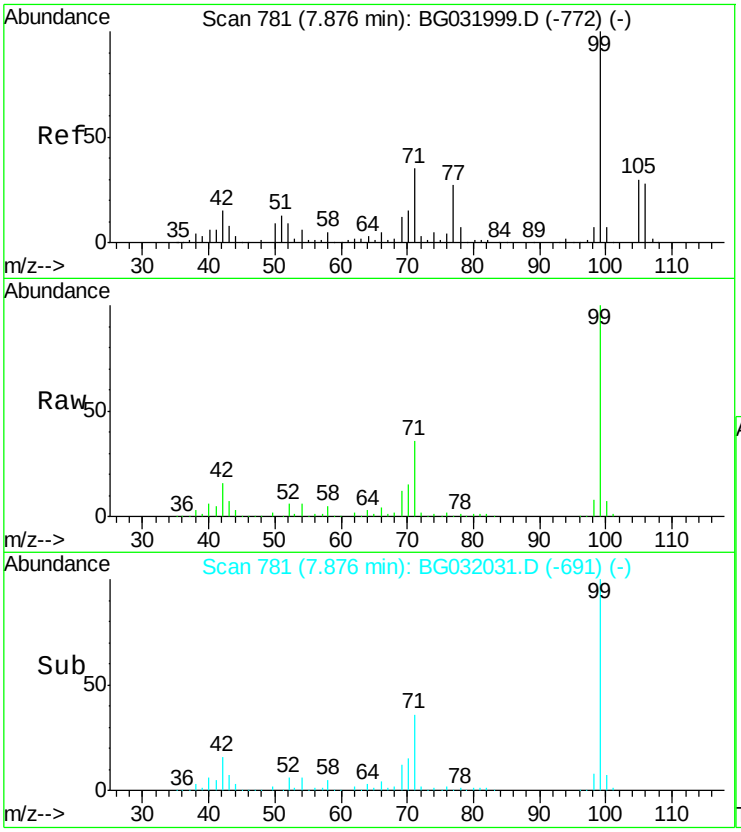


#5
2-Fluorophenol
Concen: 126.394 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Tgt Ion:112 Resp: 417814

Ion	Ratio	Lower	Upper
112	100		
64	50.3	56.3	84.5#
63	26.7	30.1	45.1#



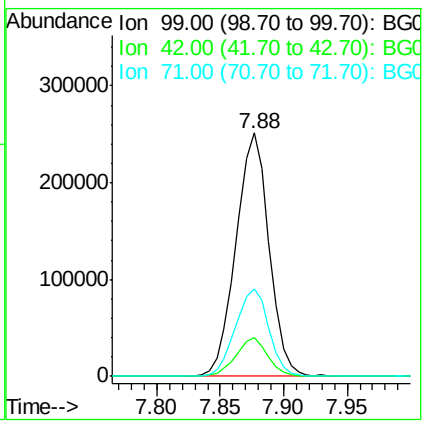


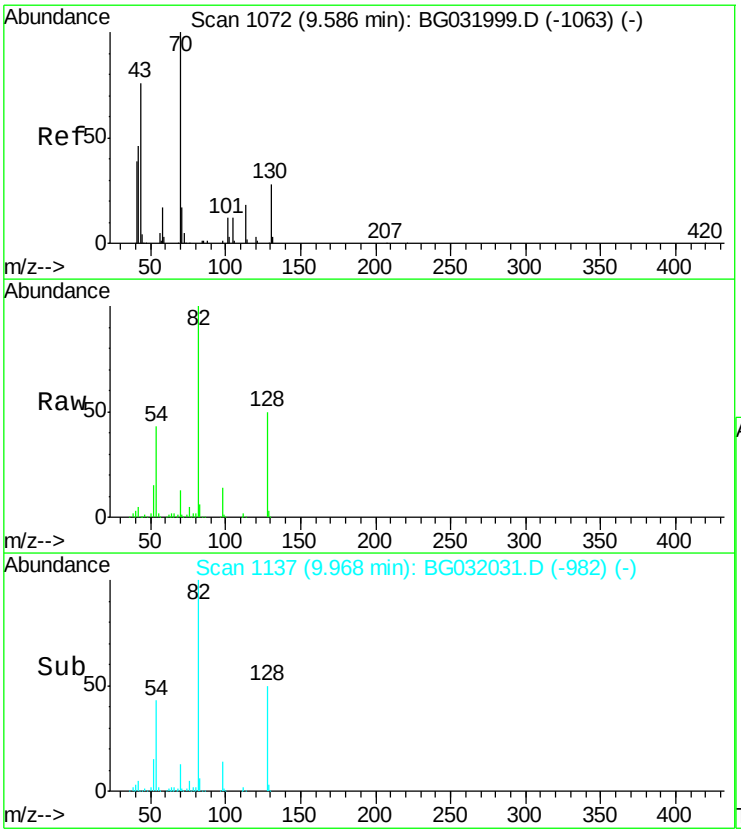
#7
Phenol-d6
Concen: 108.986 ng
RT: 7.88 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Tgt Ion: 99 Resp: 453735

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.1	21.1
71	35.9	26.1	39.1

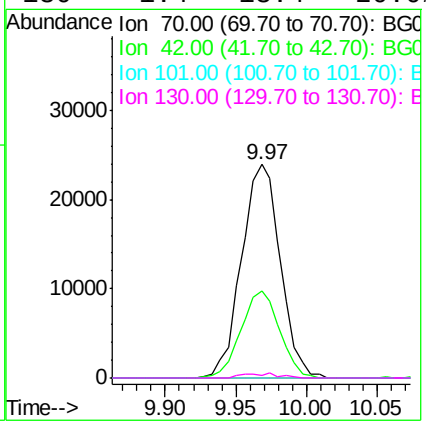


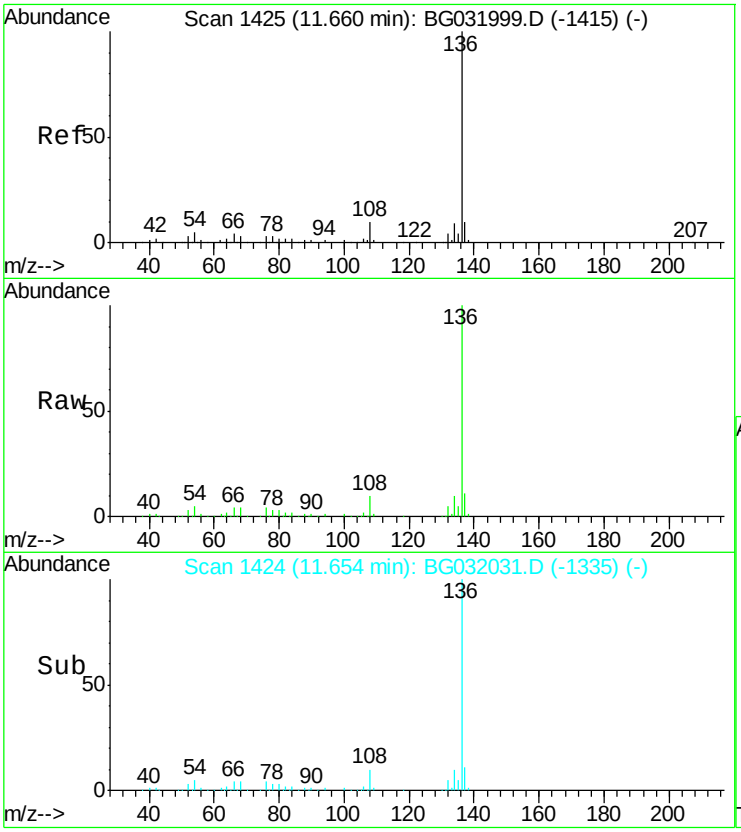


#19
n-Nitroso-di-n-propylamine
Concen: 17.852 ng
RT: 9.97 min Scan# 1137
Delta R.T. 0.38 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Tgt Ion: 70 Resp: 46115

Ion	Ratio	Lower	Upper
70	100		
42	40.7	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#



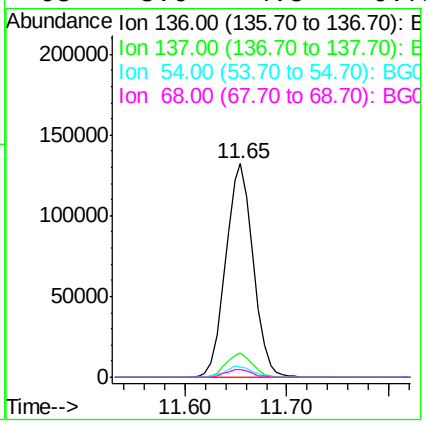


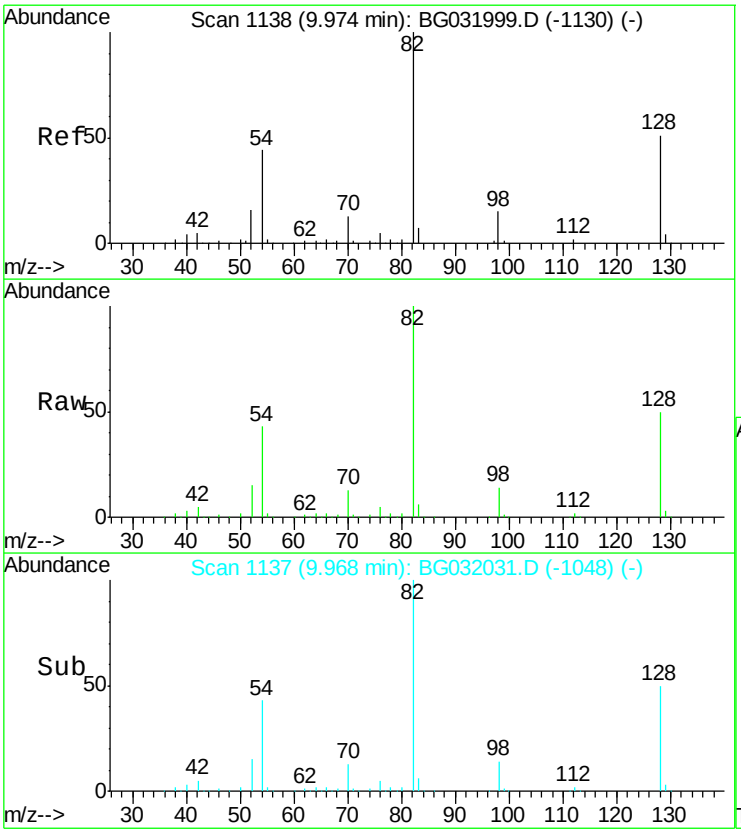
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Tgt Ion:136 Resp: 246818

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.0	10.3	15.5#
68	3.6	4.5	6.7#

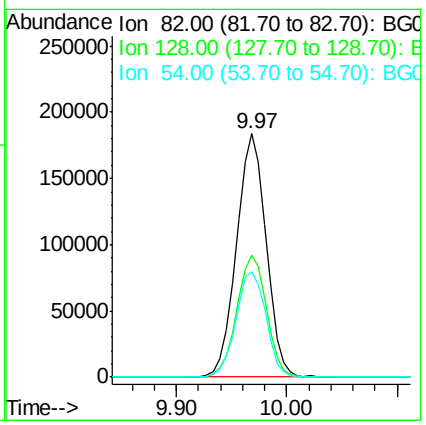


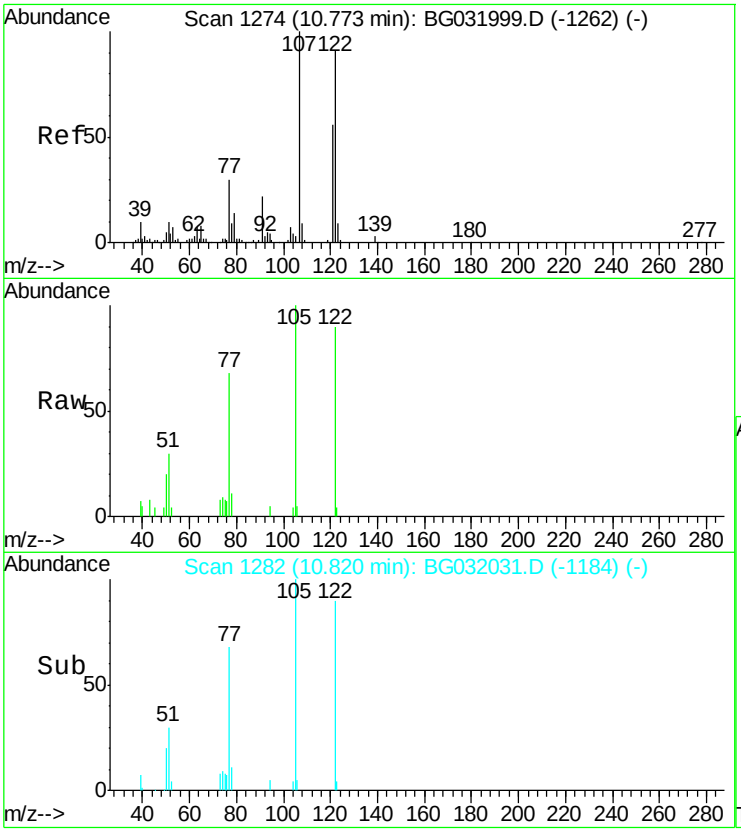


#23
Nitrobenzene-d5
Concen: 95.131 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Tgt Ion: 82 Resp: 347060

Ion	Ratio	Lower	Upper
82	100		
128	50.3	29.7	44.5#
54	43.1	43.1	64.7#



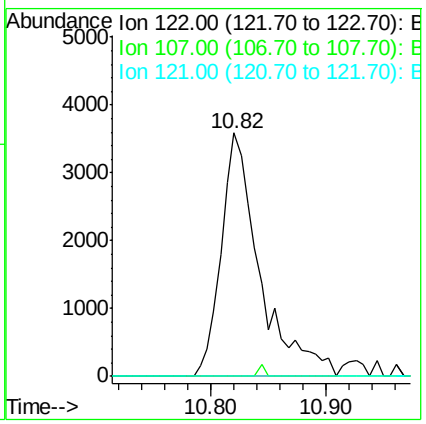


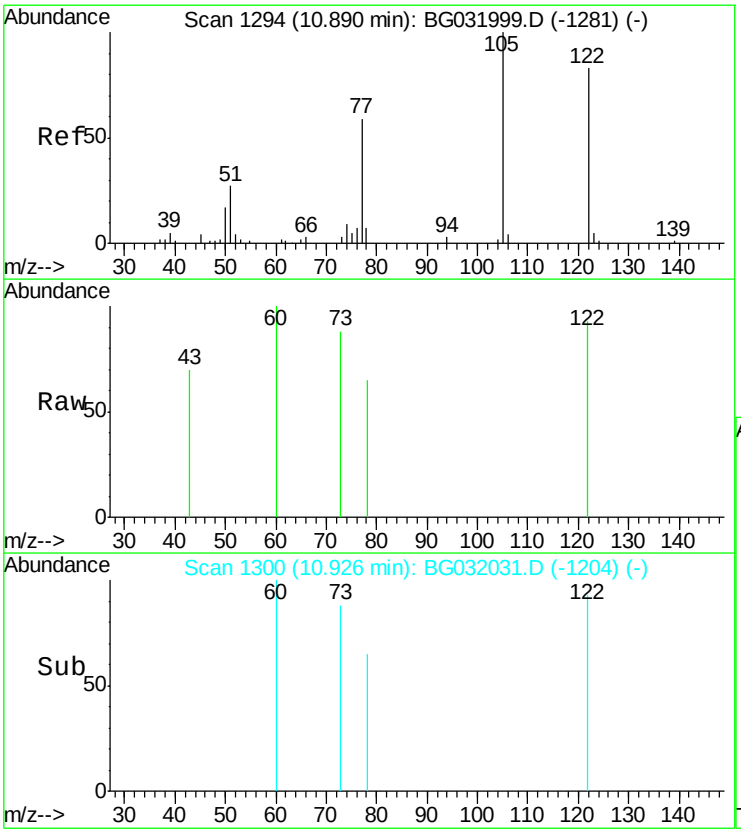
#27
2,4-Dimethylphenol
Concen: 2.428 ng
RT: 10.82 min Scan# 1282
Delta R.T. 0.05 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Tgt Ion:122 Resp: 8307

Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#

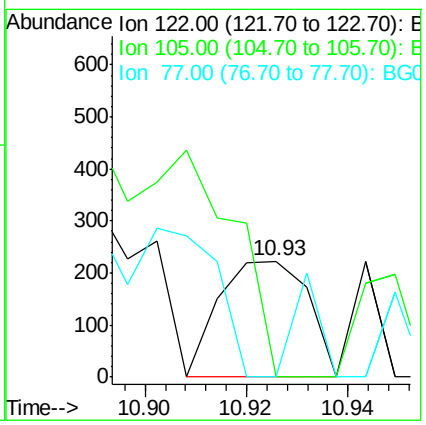


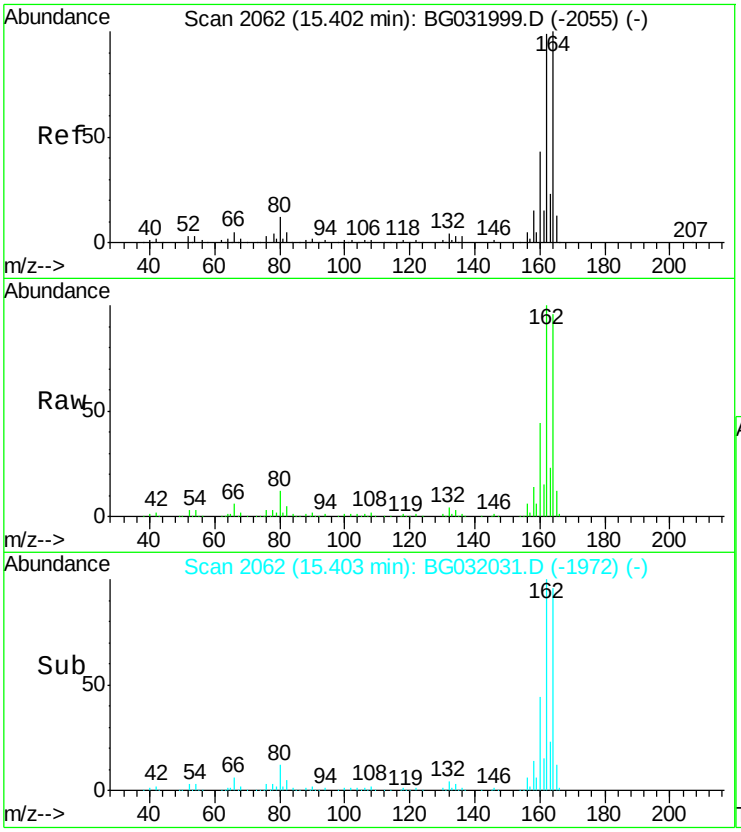


#32
Benzoic acid
Concen: 5.344 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.04 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Tgt Ion:122 Resp: 270

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



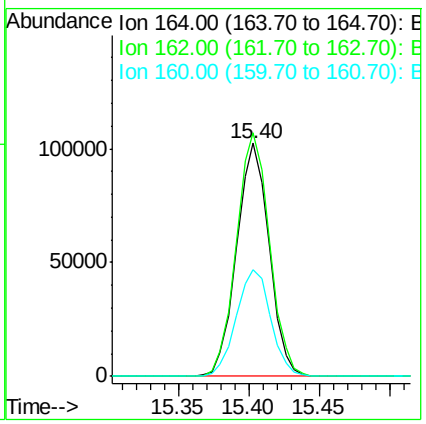


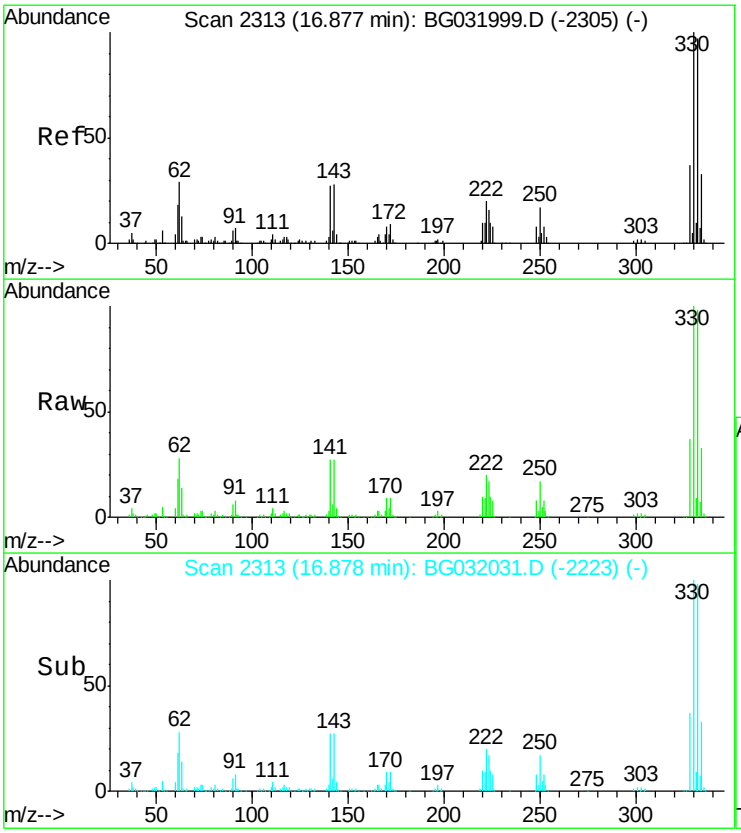
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Tgt Ion:164 Resp: 164317

Ion	Ratio	Lower	Upper
164	100		
162	104.4	78.8	118.2
160	45.9	35.4	53.0

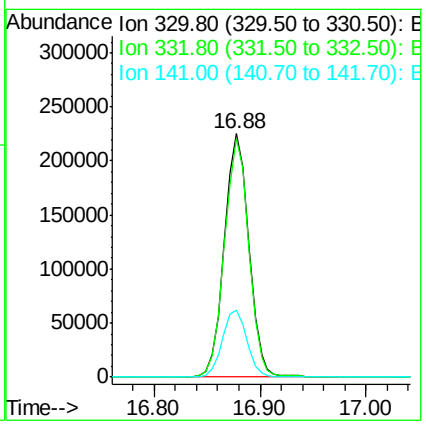


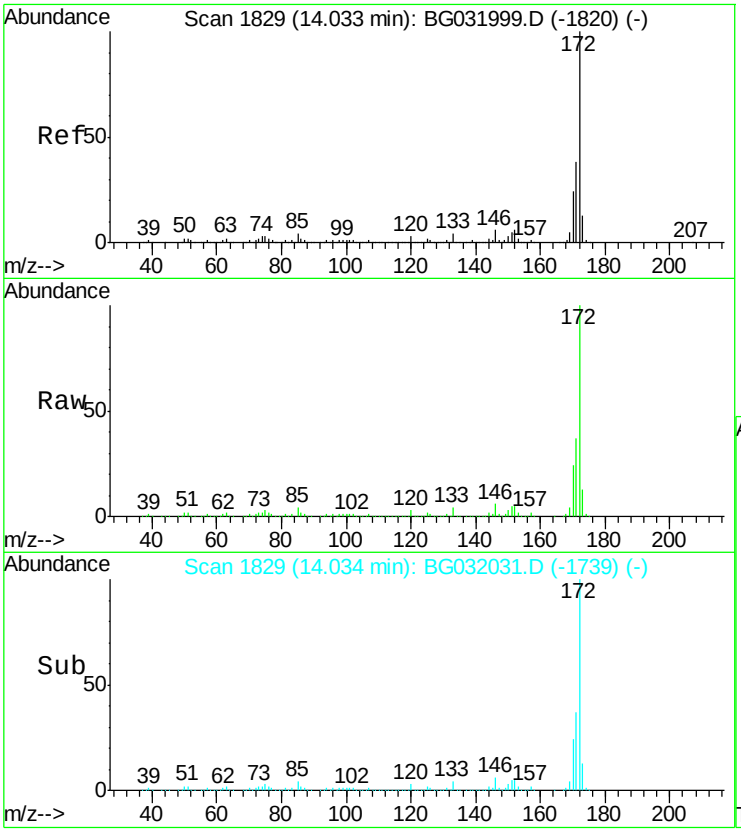


#41
2,4,6-Tribromophenol
Concen: 133.044 ng
RT: 16.88 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Tgt Ion:330 Resp: 361754

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	27.6	25.2	37.8



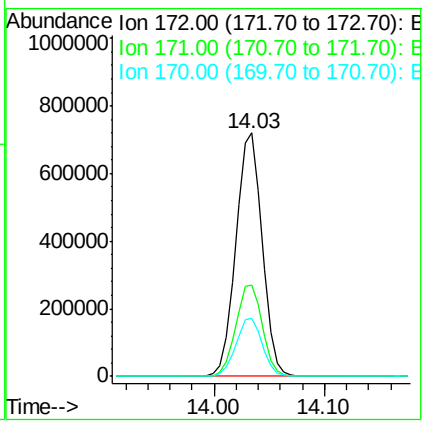


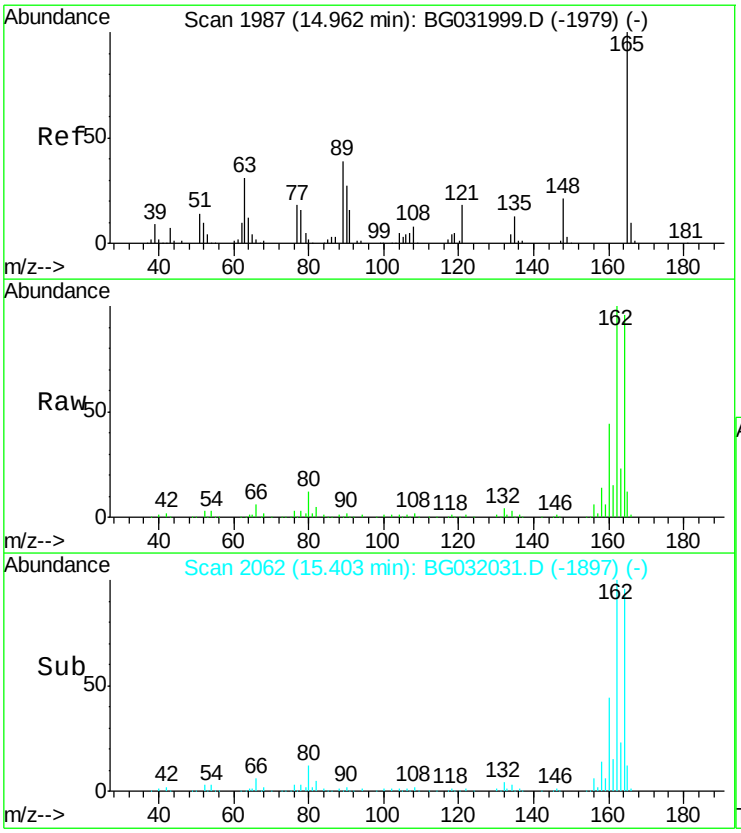
#44
2-Fluorobiphenyl
Concen: 90.766 ng
RT: 14.03 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Tgt Ion:172 Resp: 1202824

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.1	19.5	29.3

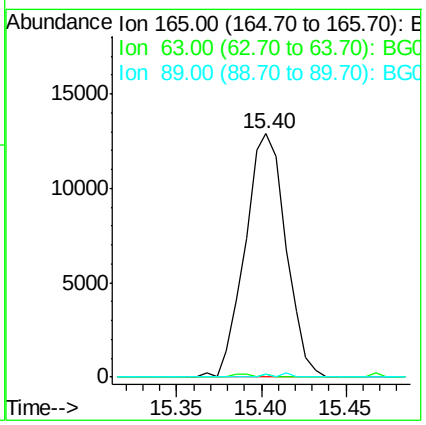


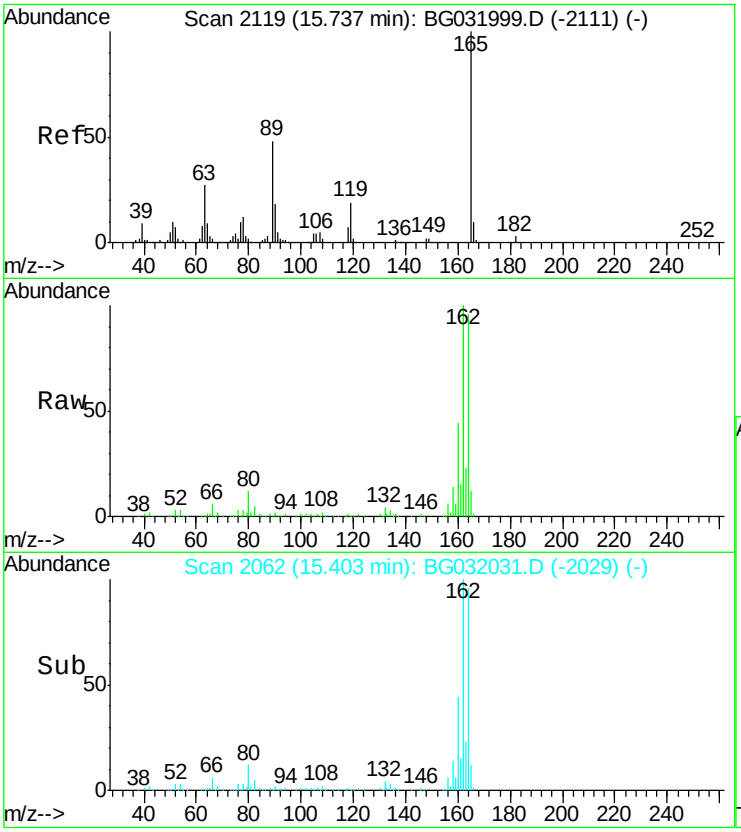


#50
2,6-Dinitrotoluene
Concen: 7.237 ng
RT: 15.40 min Scan# 2062
Delta R.T. 0.44 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Tgt Ion:165 Resp: 21601

Ion	Ratio	Lower	Upper
165	100		
63	1.2	52.7	79.1#
89	1.3	49.2	73.8#



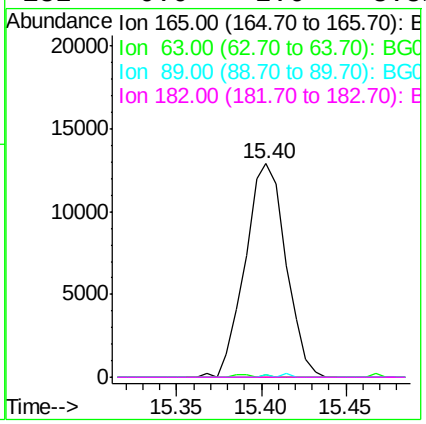


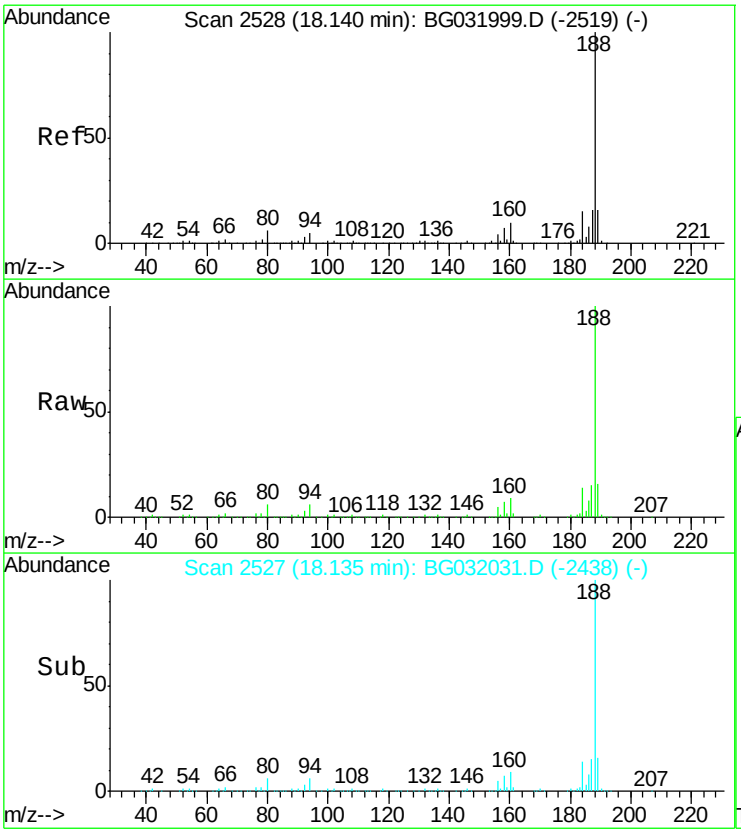
#56
2,4-Dinitrotoluene
Concen: 5.376 ng
RT: 15.40 min Scan# 2062
Delta R.T. -0.33 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Tgt Ion:165 Resp: 21601

Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.0	63.0#
89	1.3	66.9	100.3#
182	0.0	2.6	3.8#

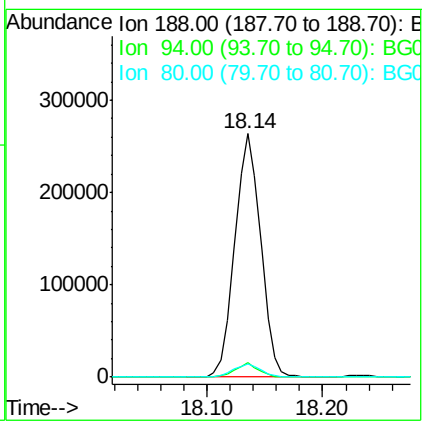


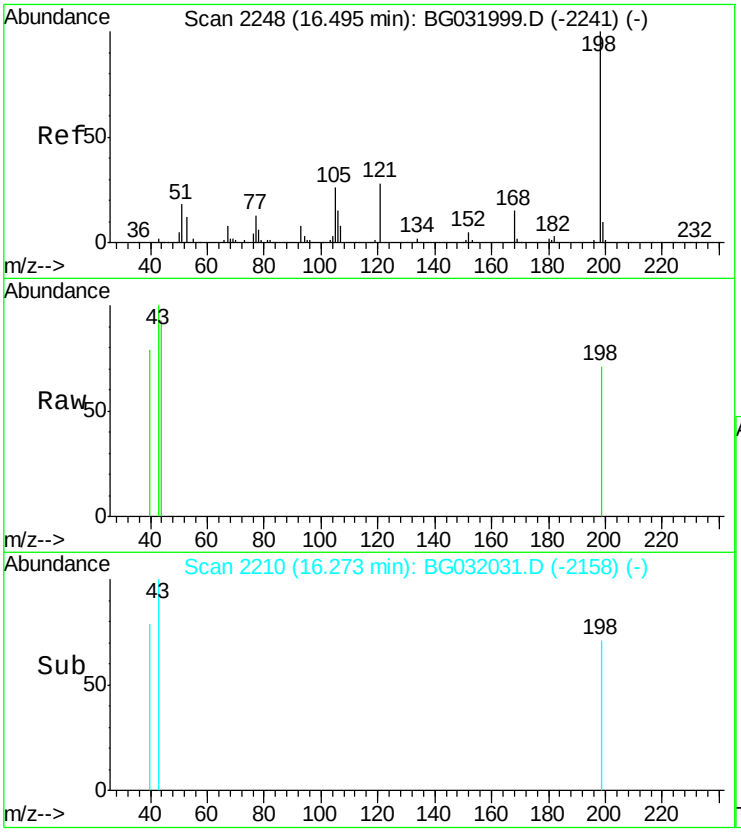


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Tgt Ion:188 Resp: 409923

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	5.6	7.7	11.5#



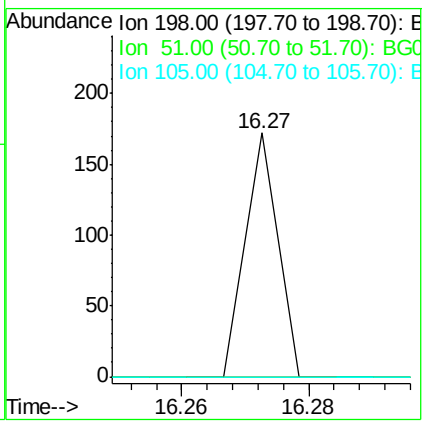


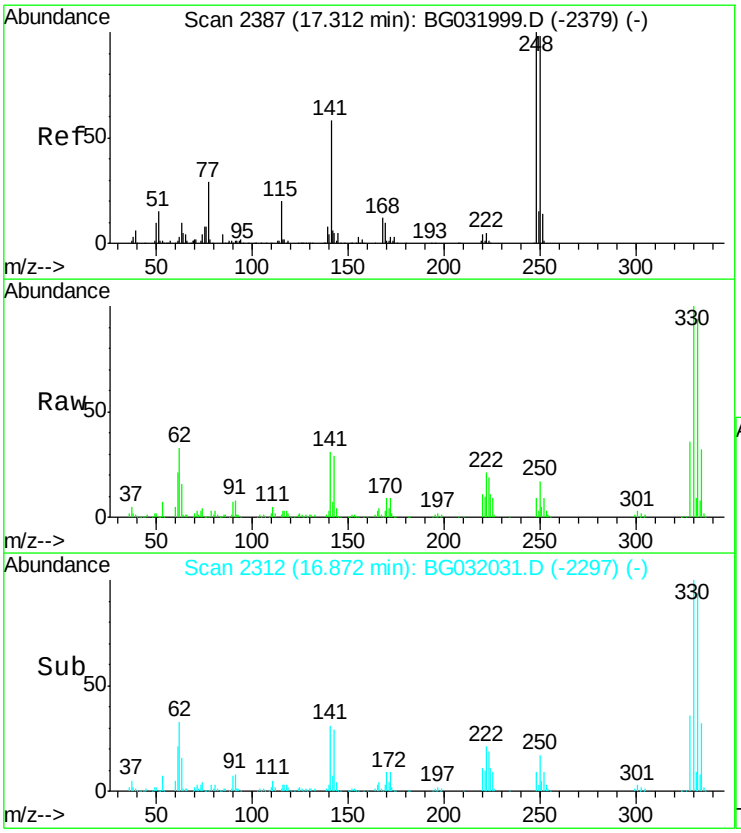
#64
4,6-Dinitro-2-methylphenol
Concen: 4.905 ng
RT: 16.27 min Scan# 2210
Delta R.T. -0.22 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Tgt Ion:198 Resp: 61

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

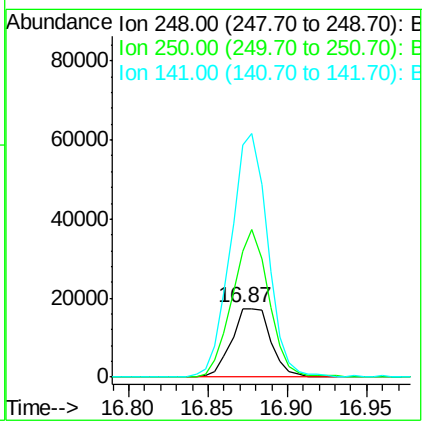


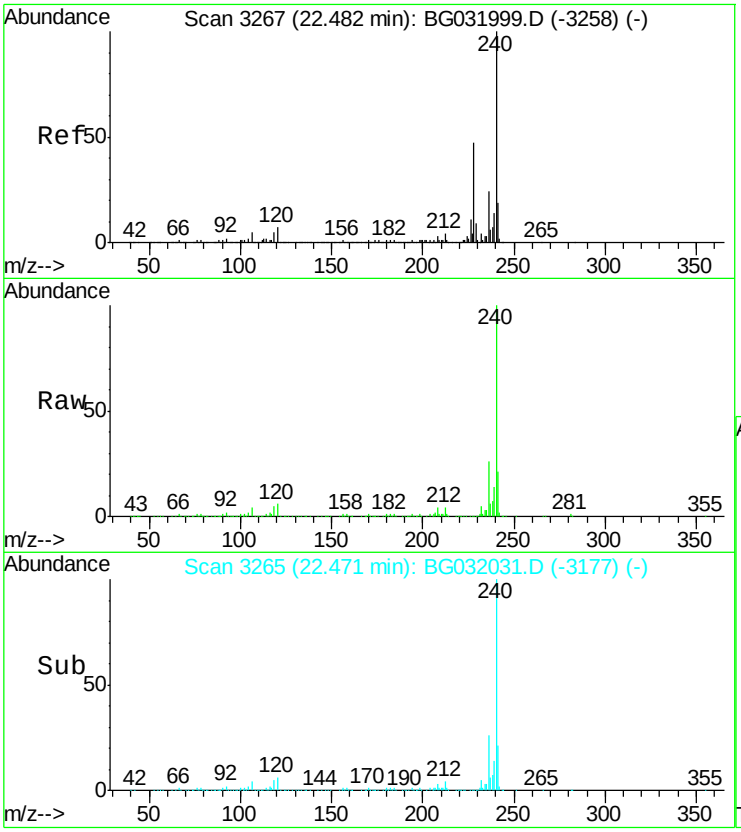


#66
4-Bromophenyl-phenylether
Concen: 5.086 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.44 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Tgt Ion:248 Resp: 29661

Ion	Ratio	Lower	Upper
248	100		
250	182.7	77.1	115.7#
141	338.4	50.8	76.2#



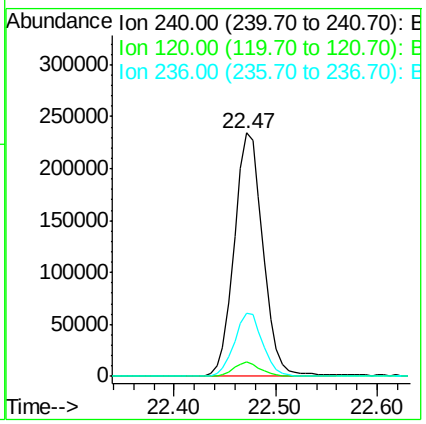


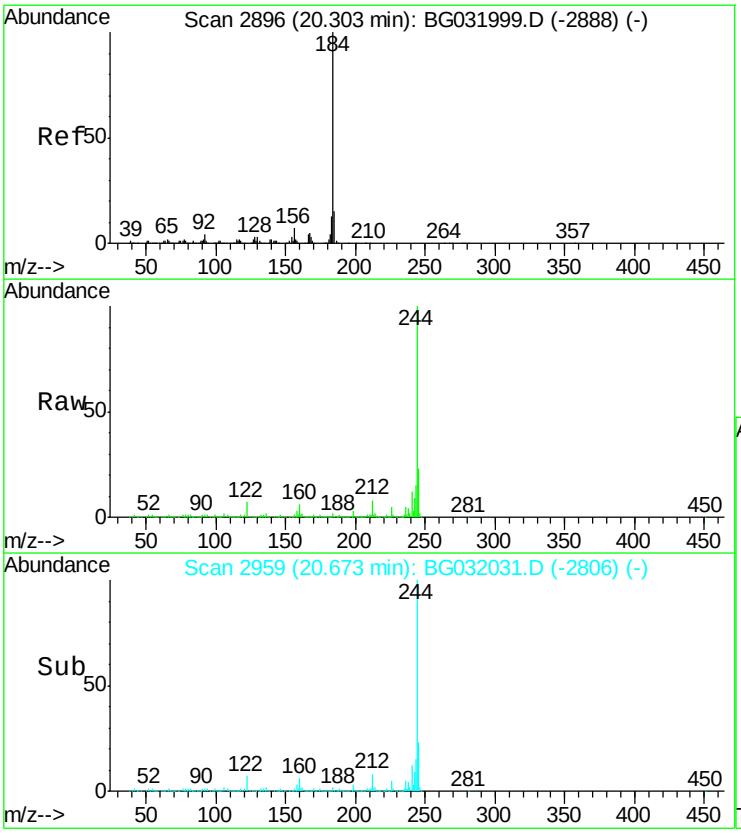
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3265
Delta R.T. -0.01 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Tgt Ion:240 Resp: 461565

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	26.1	20.9	31.3

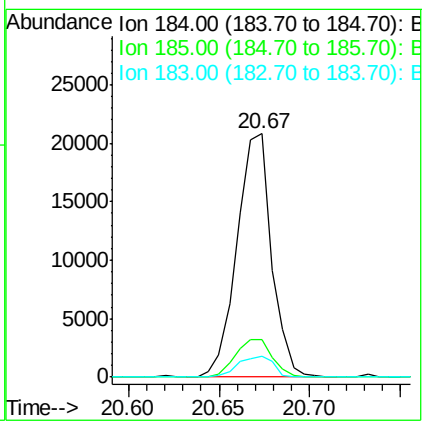


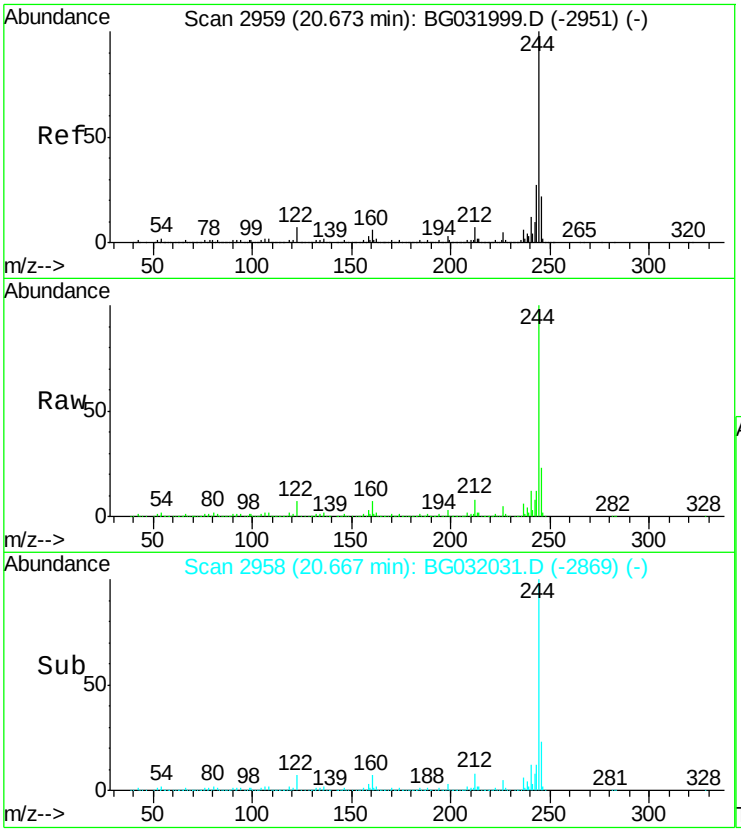


#76
Benzidine
Concen: 2.393 ng
RT: 20.67 min Scan# 2959
Delta R.T. 0.37 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Tgt Ion:184 Resp: 27622

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.1	16.7
183	8.5	10.6	16.0#



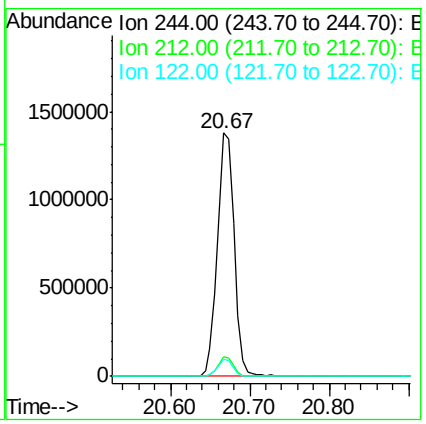


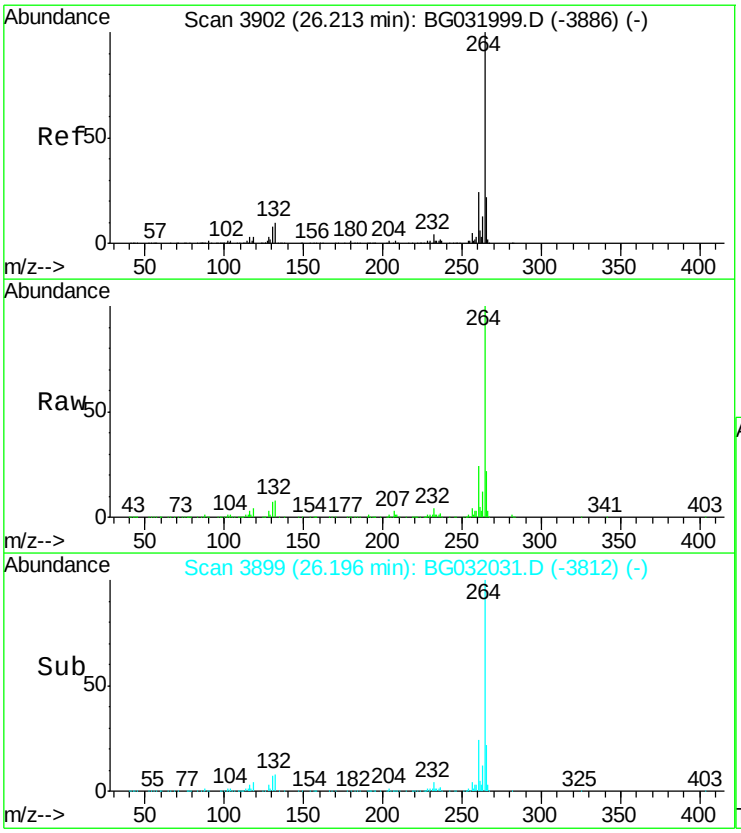
#78
Terphenyl-d14
Concen: 97.404 ng
RT: 20.67 min Scan# 2958
Delta R.T. -0.01 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Tgt Ion:244 Resp: 2036103

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	7.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.20 min Scan# 3899
Delta R.T. -0.02 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Tgt Ion:264 Resp: 482862

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.8	17.7	26.5