Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032191.D
Acq On : 20 Jan 2018 22:27
Operator : SJ/JU
Sample : J1188-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 22 02:06:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	50445	20.00	ng		0.00
21) Naphthalene-d8	11.63	136	194423	20.00	ng		0.00
38) Acenaphthene-d10	15.37	164	126593	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	325888	20.00	ng		0.00
75) Chrysene-d12	22.44	240	438040	20.00	ng		0.00
86) Perylene-d12	26.14	264	471943	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.18	112	312428	113.27	ng		0.01
7) Phenol-d6	7.85	99	352942	101.60	ng		0.00
23) Nitrobenzene-d5	9.94	82	285176	99.23	ng		0.00
41) 2,4,6-Tribromophenol	16.85	330	305584	145.88	ng		0.00
44) 2-Fluorobiphenyl	14.01	172	952396	93.29	ng		0.00
78) Terphenyl-d14	20.65	244	1796824	90.57	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	4.19	42	4131	4.157	ng	#	4
10) Phenol	7.88	94	10841	3.168	ng		84
15) Benzyl Alcohol	8.98	79	6526	2.586	ng		97
19) n-Nitroso-di-n-propylamine	9.94	70	40562	18.820	ng	#	72
27) 2,4-Dimethylphenol	10.80	122	9269	3.439	ng	#	1
32) Benzoic acid	10.80	122	9269	9.073	ng	#	73
50) 2,6-Dinitrotoluene	15.38	165	16440	7.150	ng	#	19
56) 2,4-Dinitrotoluene	15.38	165	16440	5.311	ng	#	17
64) 4,6-Dinitro-2-methylphenol	16.31	198	57	4.909	ng	#	29
66) 4-Bromophenyl-phenylether	16.85	248	25857	5.576	ng	#	1
76) Benzidine	20.65	184	25676	2.344	ng	#	94

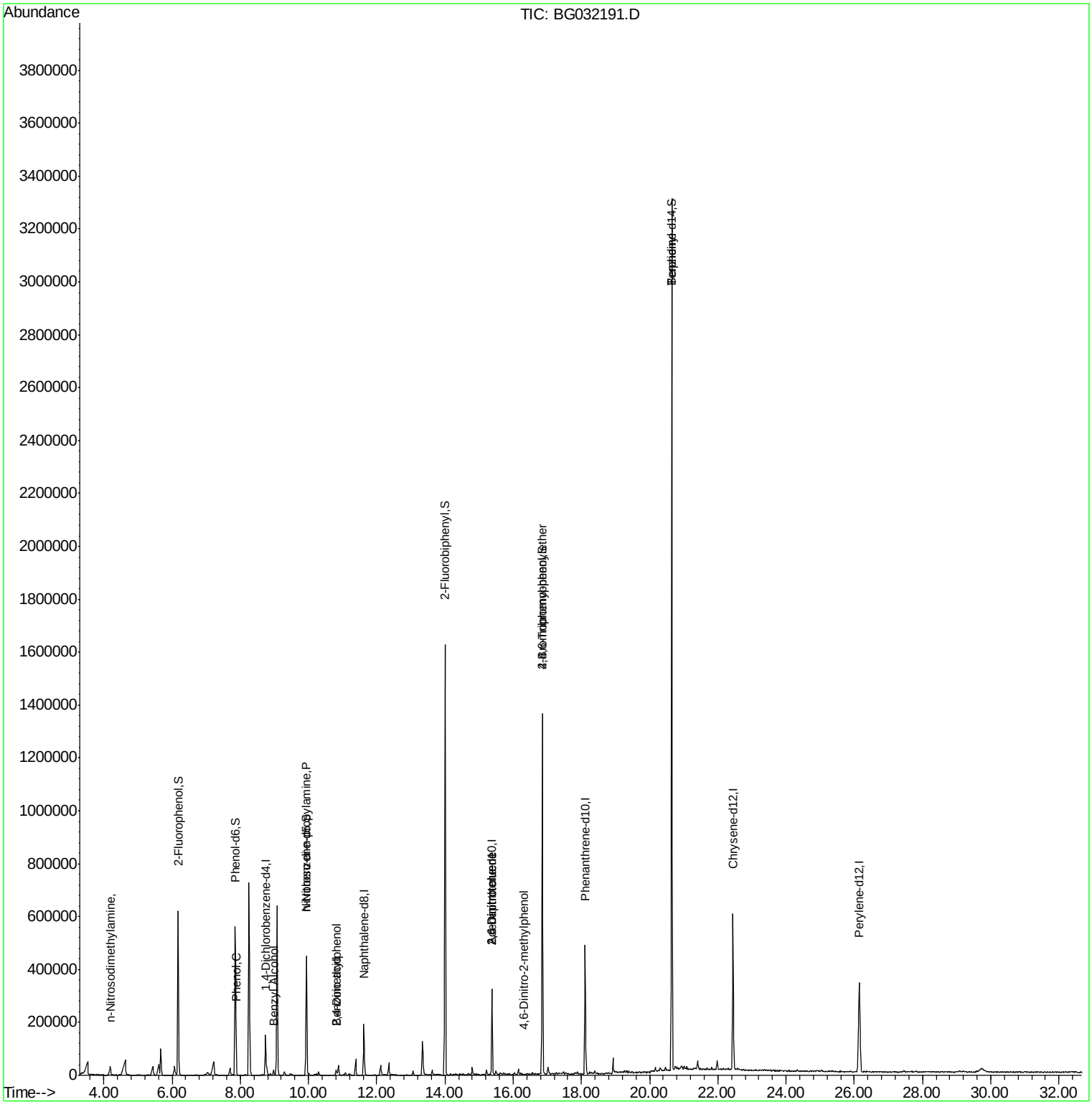
(#) = qualifier out of range (m) = manual integration (+) = signals summed

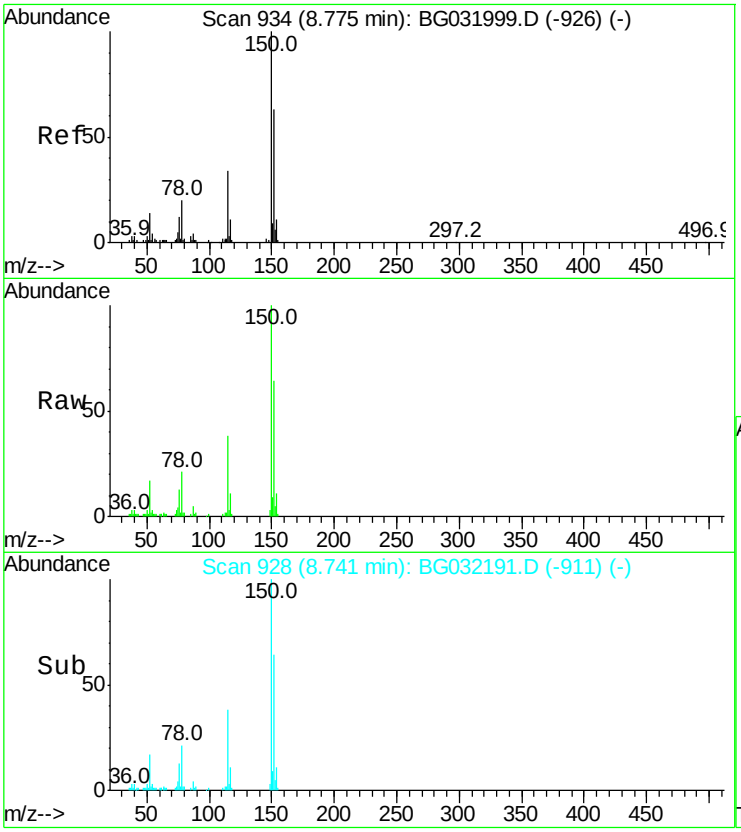
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032191.D
Acq On : 20 Jan 2018 22:27
Operator : SJ/JU
Sample : J1188-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 22 02:06:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration



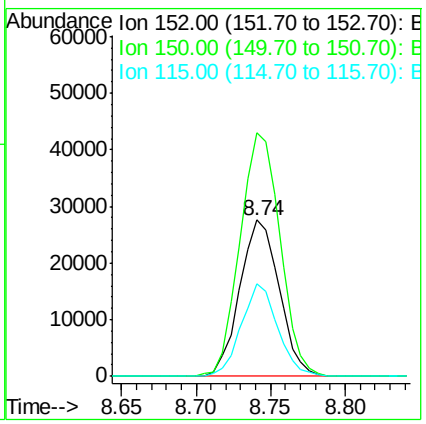


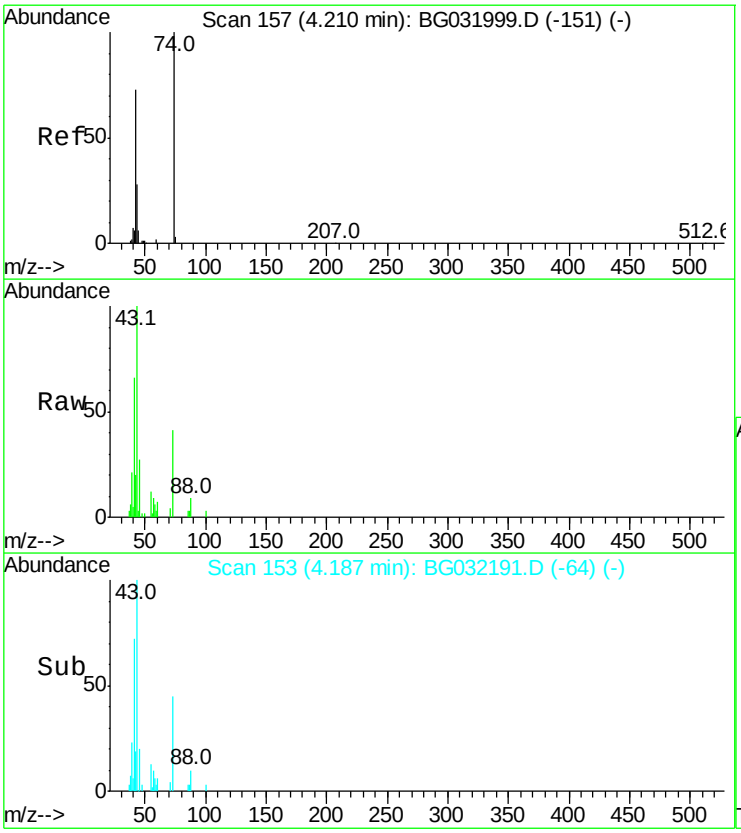
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 50445

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.6	189.8
115	59.6	53.0	79.4

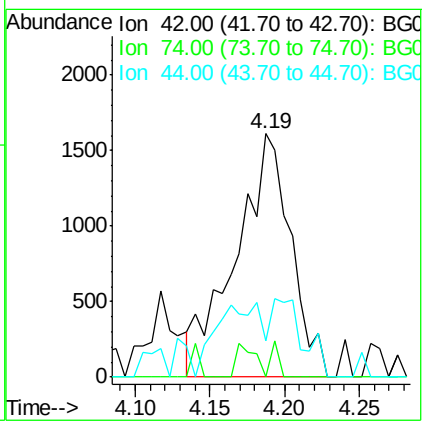


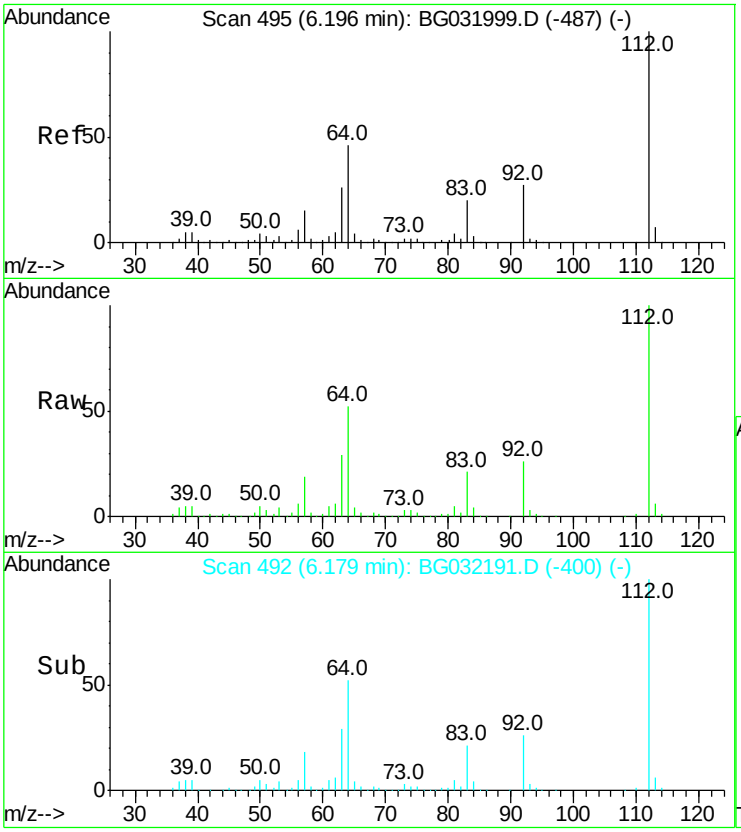


#4
n-Nitrosodimethylamine
Concen: 4.157 ng
RT: 4.19 min Scan# 153
Delta R.T. -0.01 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Tgt Ion: 42 Resp: 4131

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	14.7	18.9	28.3#



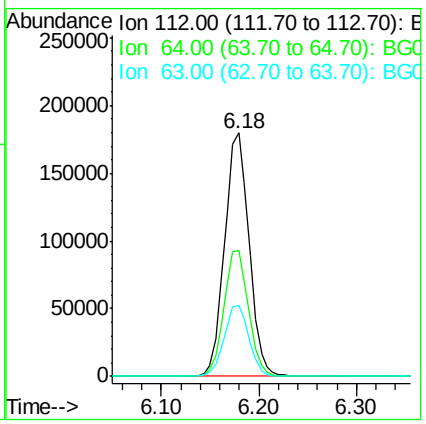


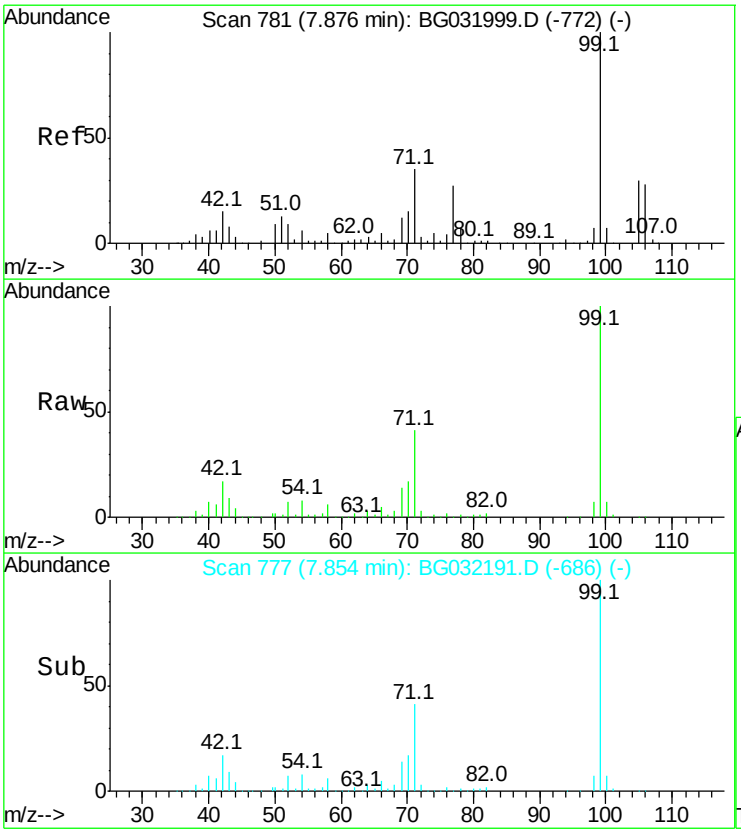
#5
2-Fluorophenol
Concen: 113.274 ng
RT: 6.18 min Scan# 492
Delta R.T. 0.01 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 312428

Ion	Ratio	Lower	Upper
112	100		
64	51.7	56.3	84.5#
63	29.0	30.1	45.1#

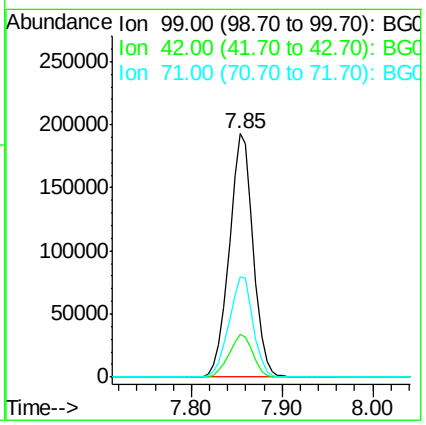


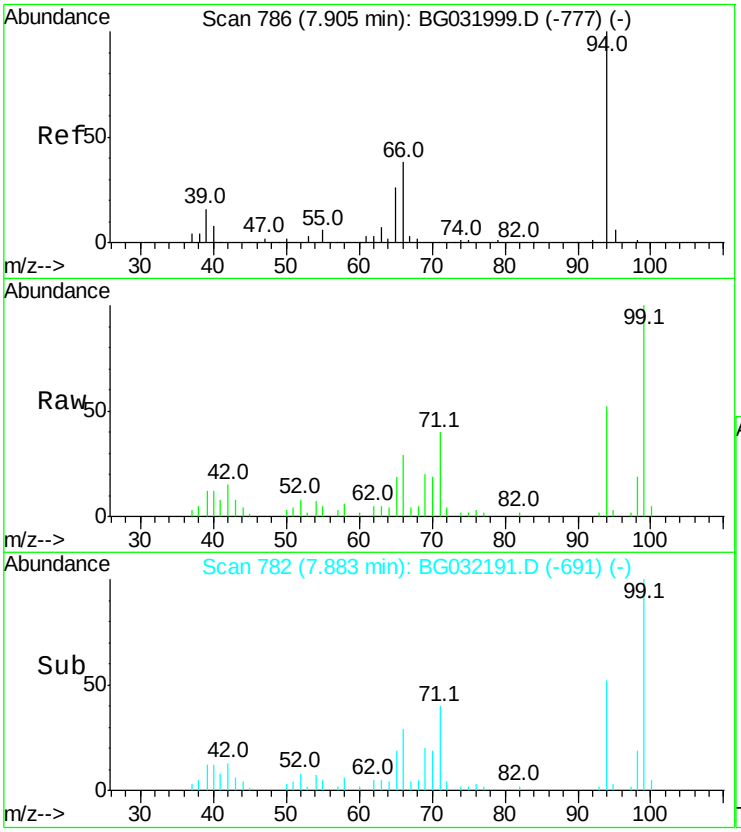


#7
Phenol-d6
Concen: 101.603 ng
RT: 7.85 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Tgt Ion: 99 Resp: 352942

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	41.2	26.1	39.1#



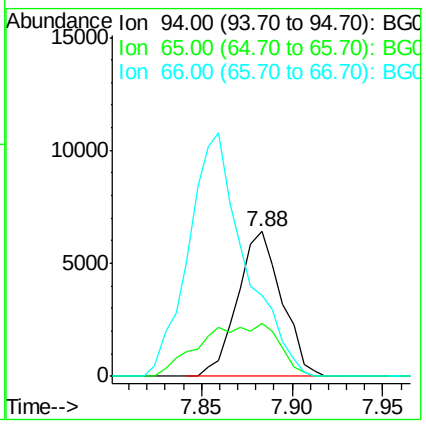


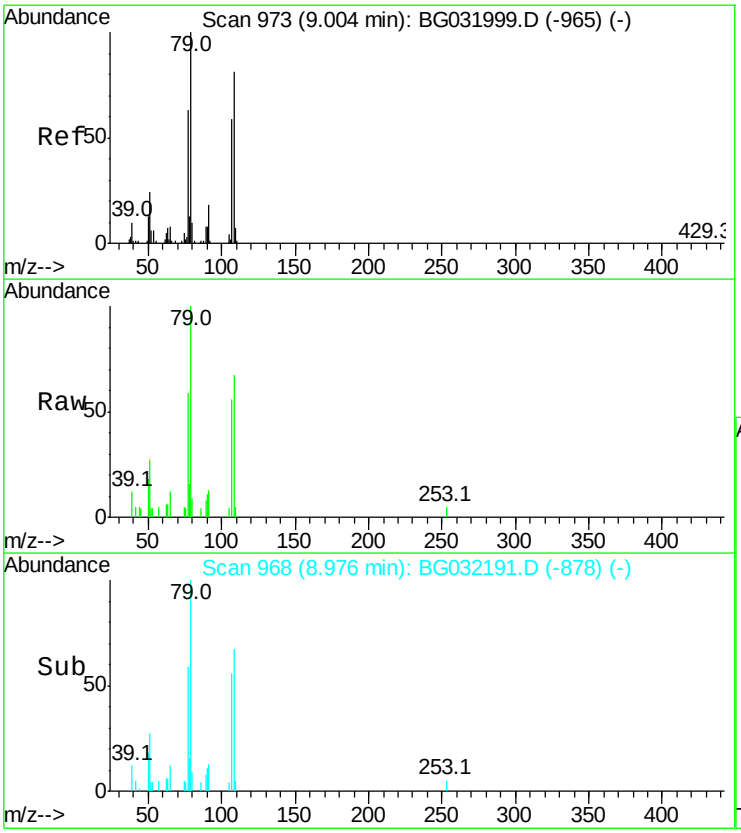
#10
Phenol
Concen: 3.168 ng
RT: 7.88 min Scan# 782
Delta R.T. 0.00 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 10841

Ion	Ratio	Lower	Upper
94	100		
65	36.2	11.9	51.9
66	55.9	22.2	62.2

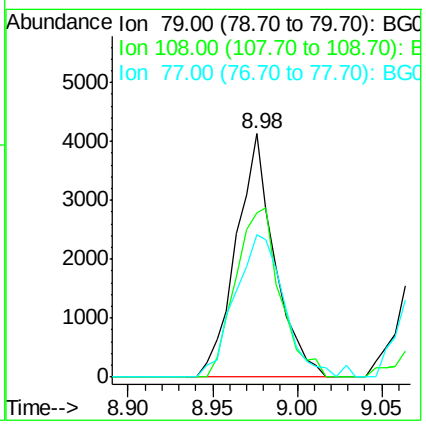


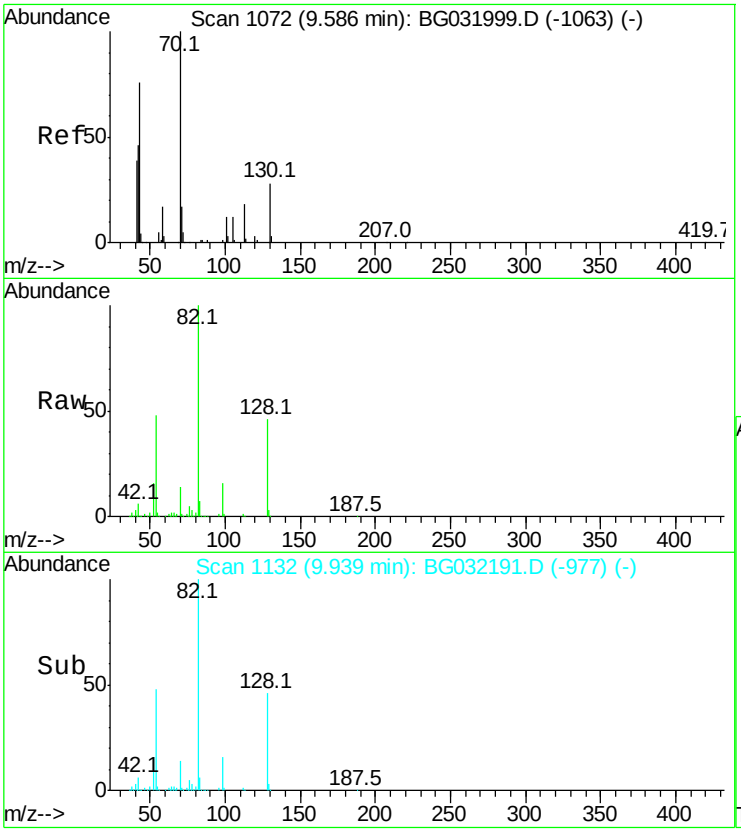


#15
Benzyl Alcohol
Concen: 2.586 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Tgt Ion: 79 Resp: 6526

Ion	Ratio	Lower	Upper
79	100		
108	67.4	57.2	85.8
77	58.8	46.1	69.1



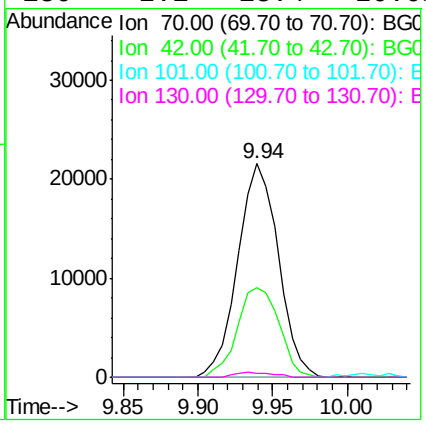


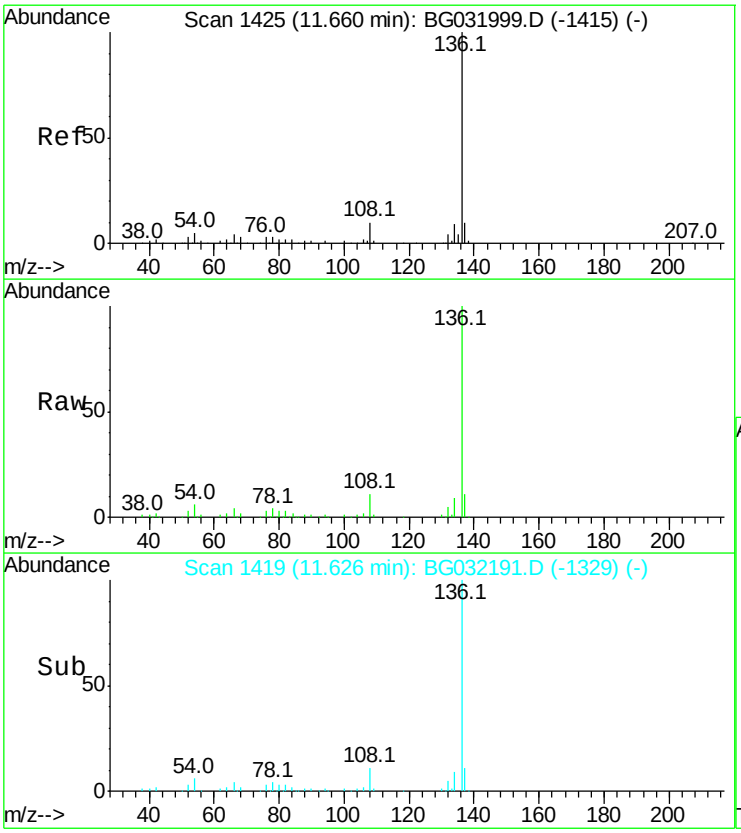
#19
n-Nitroso-di-n-propylamine
Concen: 18.820 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.38 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 40562

Ion	Ratio	Lower	Upper
70	100		
42	41.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#

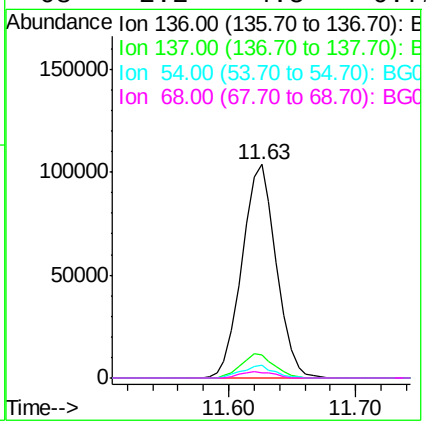


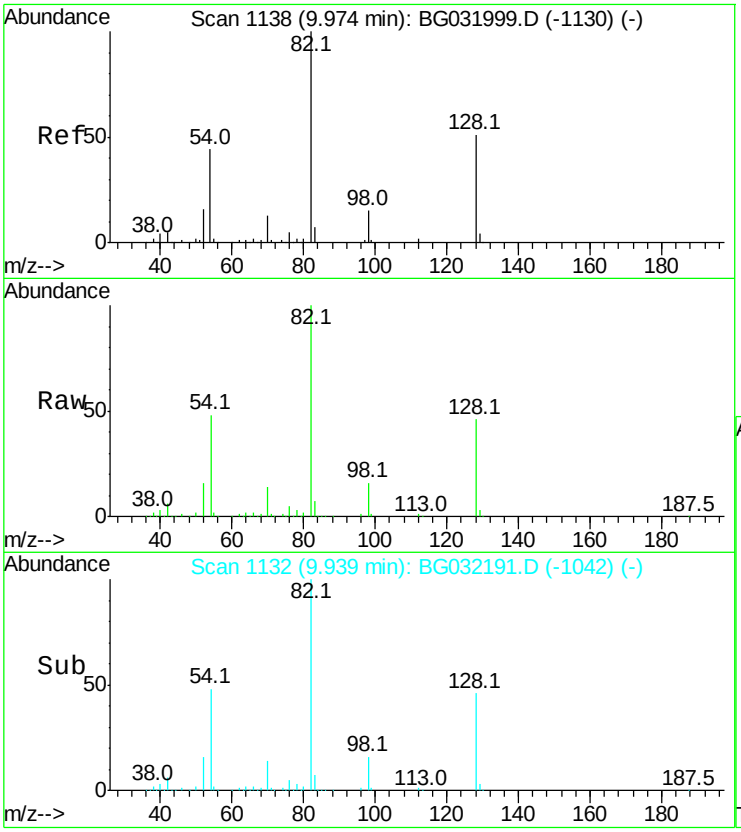


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Tgt Ion:136 Resp: 194423

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	5.8	10.3	15.5#
68	2.2	4.5	6.7#



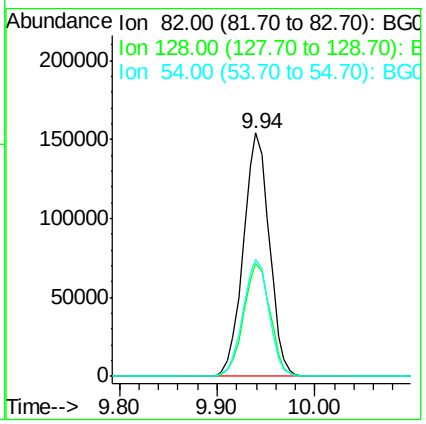


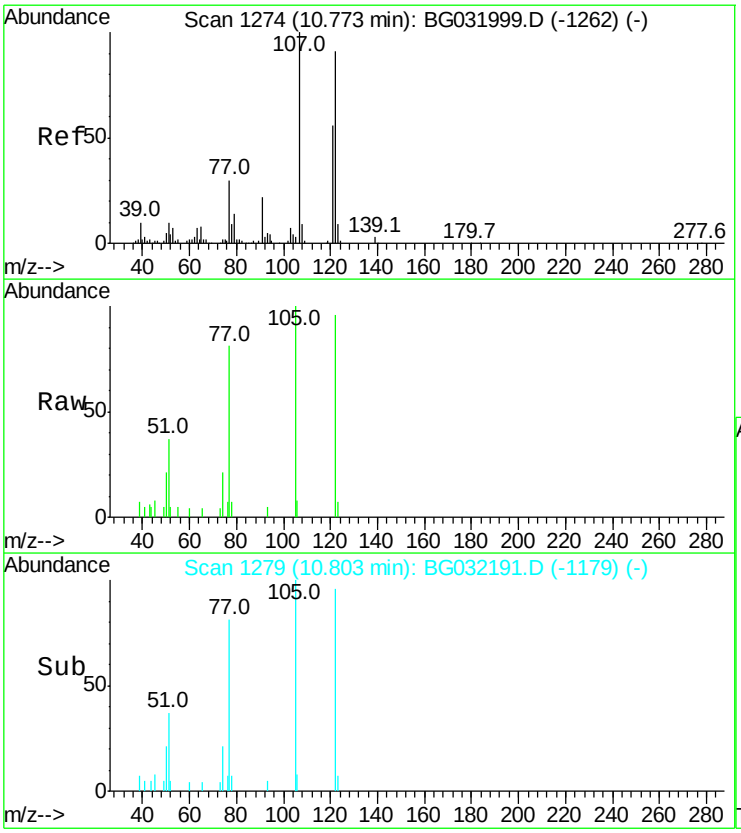
#23
Nitrobenzene-d5
Concen: 99.234 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 285176

Ion	Ratio	Lower	Upper
82	100		
128	46.5	29.7	44.5#
54	48.2	43.1	64.7

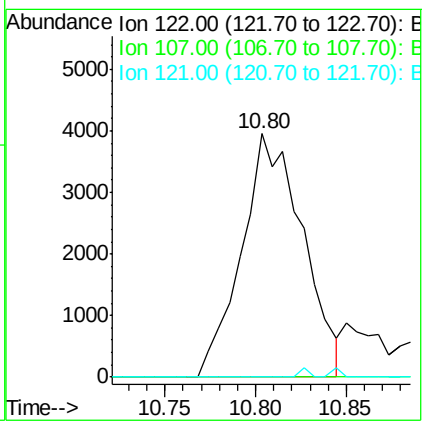


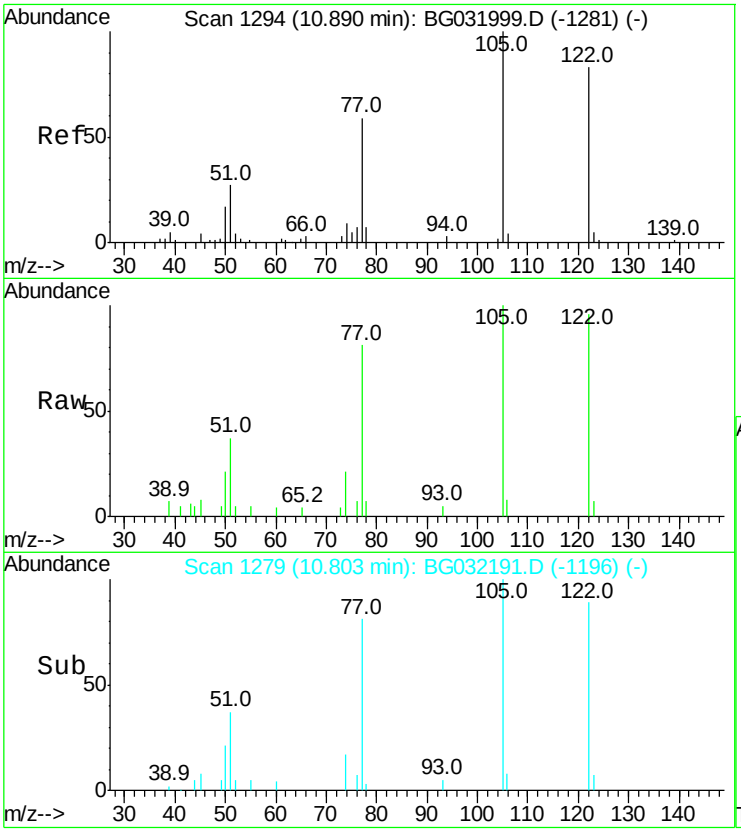


#27
2,4-Dimethylphenol
Concen: 3.439 ng
RT: 10.80 min Scan# 1279
Delta R.T. 0.06 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Tgt Ion:122 Resp: 9269

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



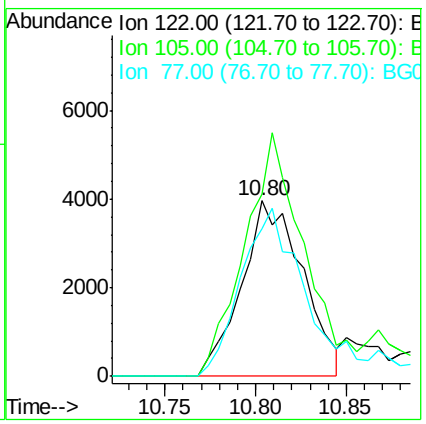


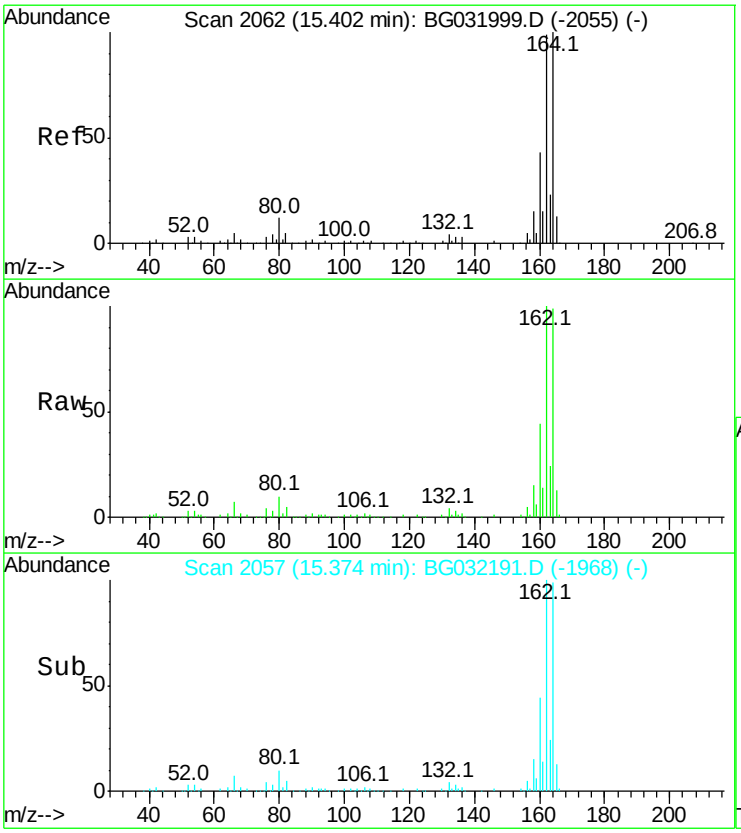
#32
Benzoic acid
Concen: 9.073 ng
RT: 10.80 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 9269

Ion	Ratio	Lower	Upper
122	100		
105	103.7	123.5	163.5#
77	84.1	85.7	125.7#

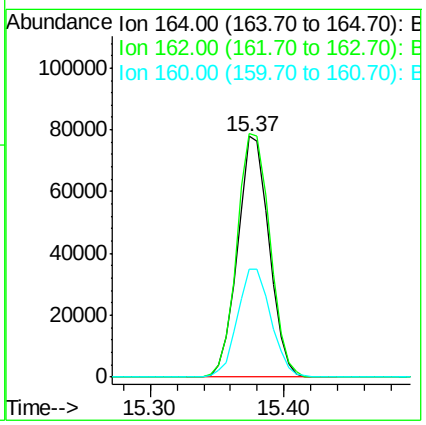


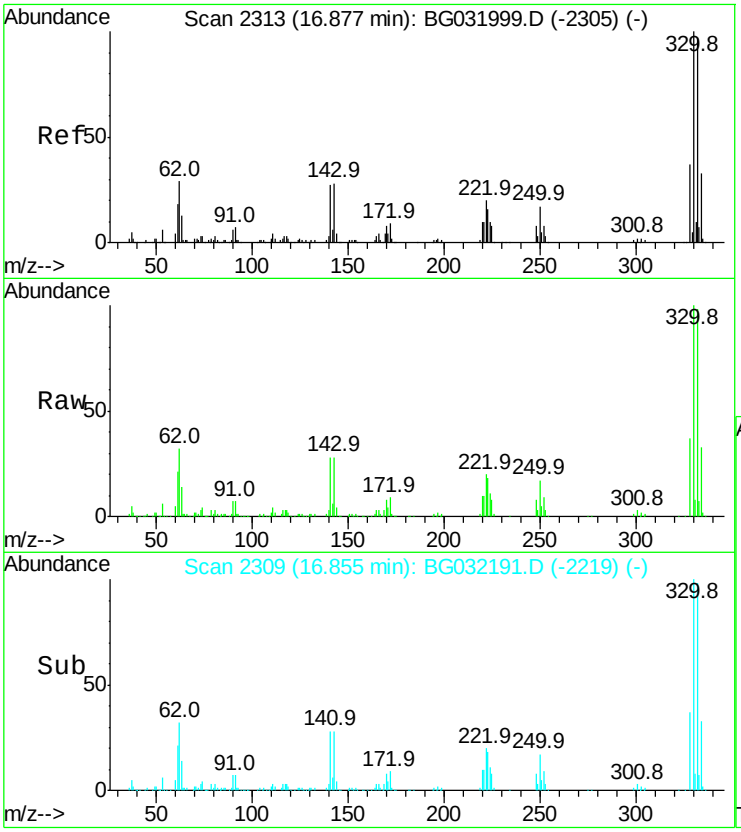


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Tgt Ion:164 Resp: 126593

Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	44.7	35.4	53.0



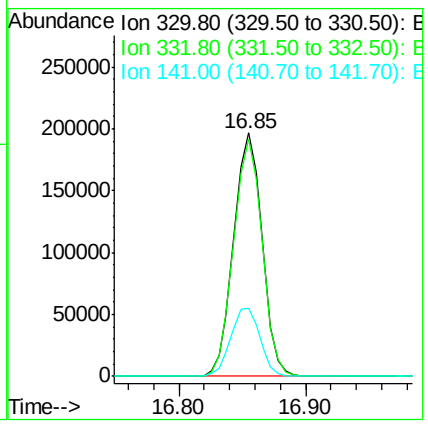


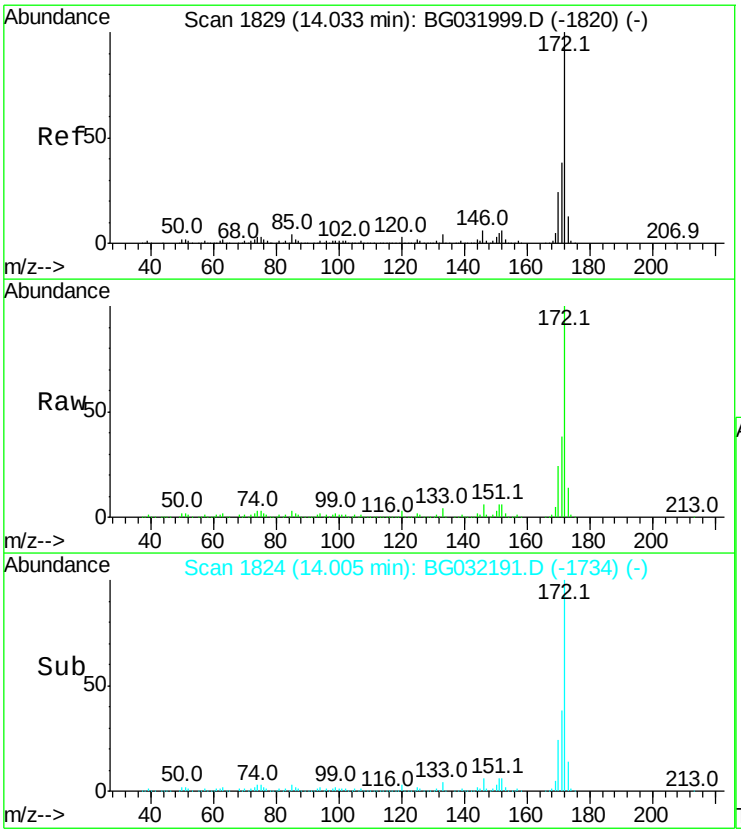
#41
2,4,6-Tribromophenol
Concen: 145.876 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 305584

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	29.1	25.2	37.8

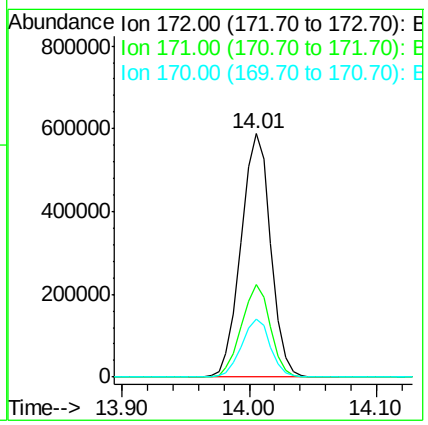


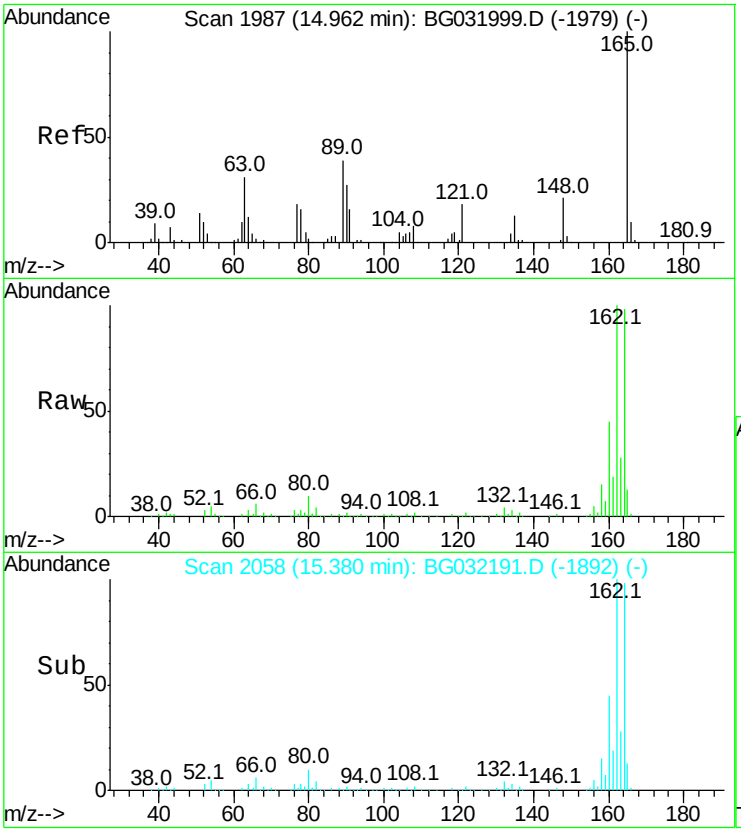


#44
2-Fluorobiphenyl
Concen: 93.285 ng
RT: 14.01 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Tgt Ion:172 Resp: 952396

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.8	19.5	29.3



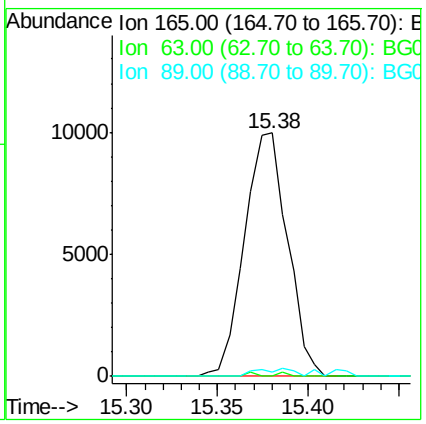


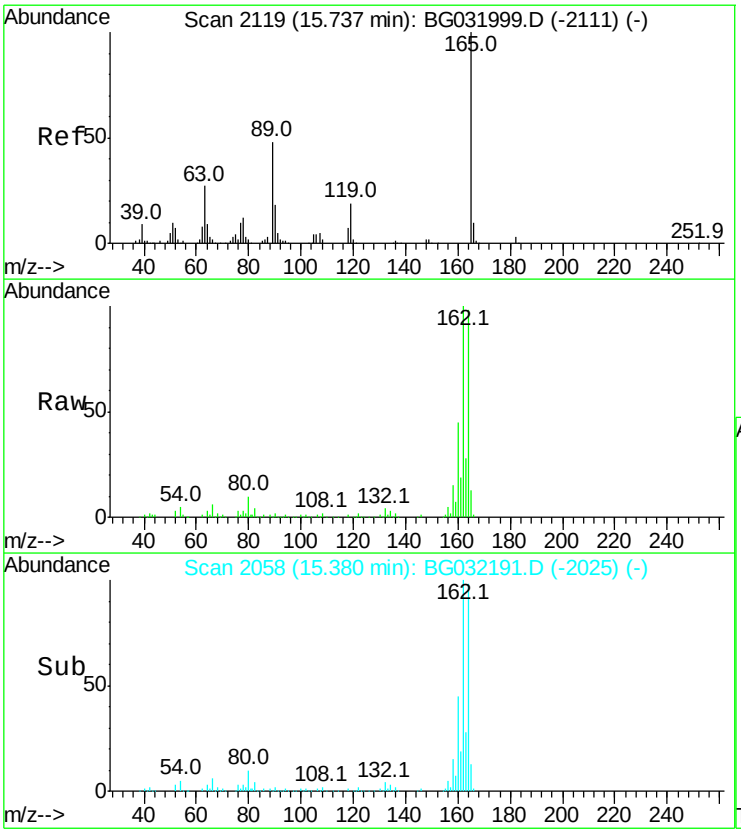
#50
2,6-Dinitrotoluene
Concen: 7.150 ng
RT: 15.38 min Scan# 2058
Delta R.T. 0.45 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16440

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.7	49.2	73.8#

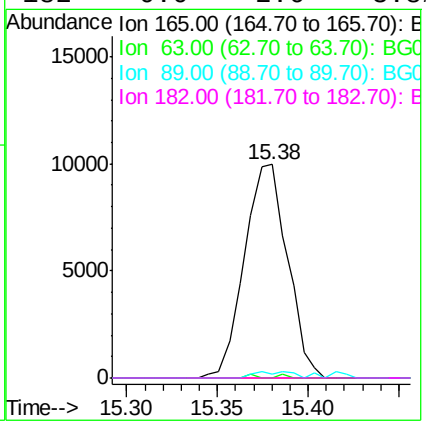


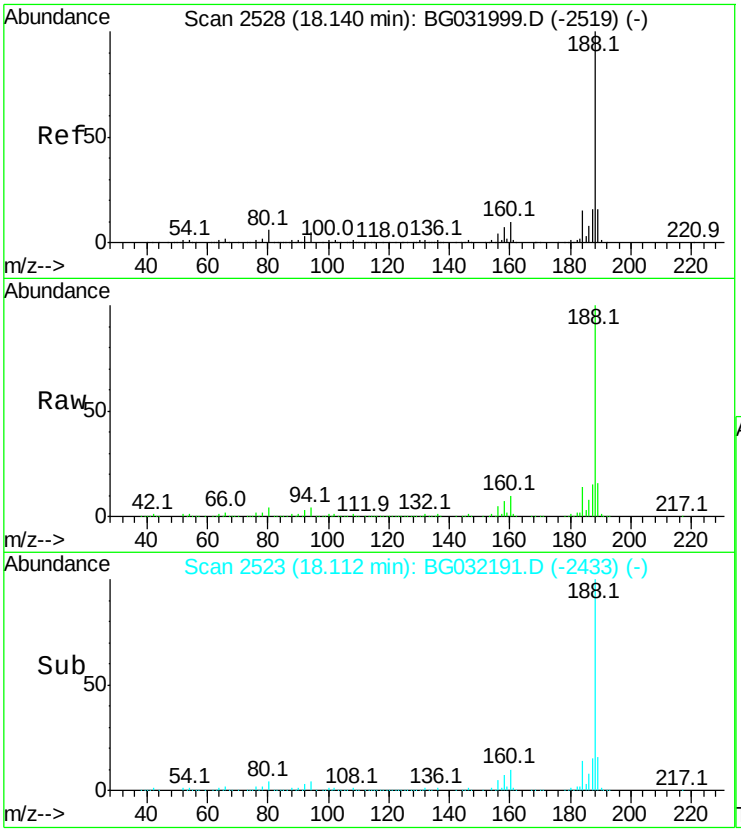


#56
2,4-Dinitrotoluene
Concen: 5.311 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.34 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Tgt Ion:165 Resp: 16440

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.7	66.9	100.3#
182	0.0	2.6	3.8#



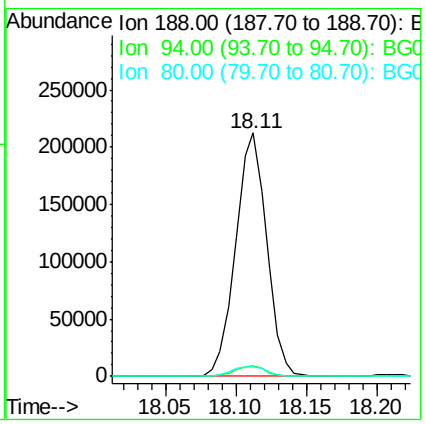


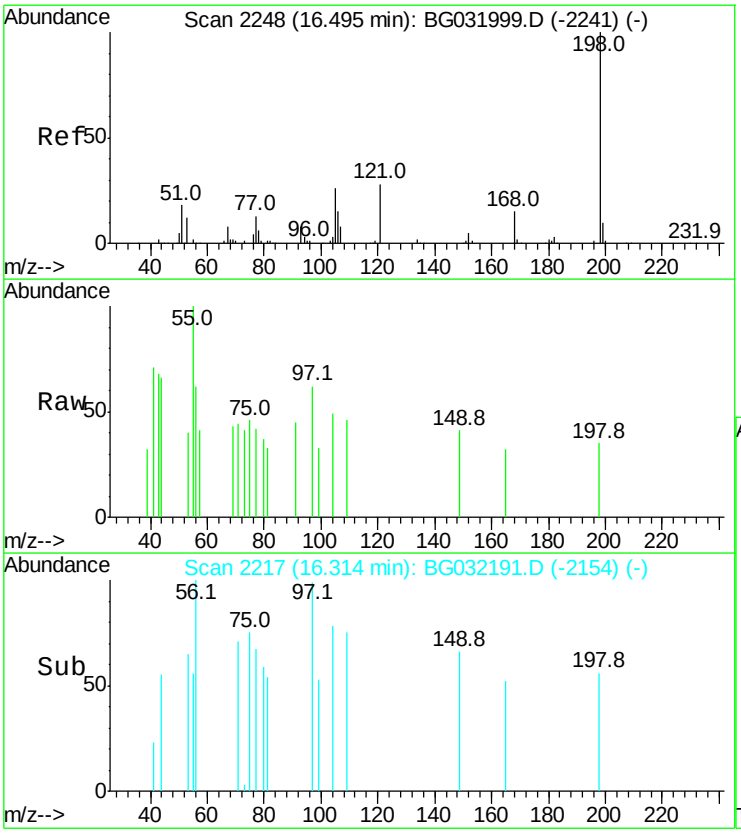
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 325888

Ion	Ratio	Lower	Upper
188	100		
94	4.1	6.9	10.3#
80	4.0	7.7	11.5#

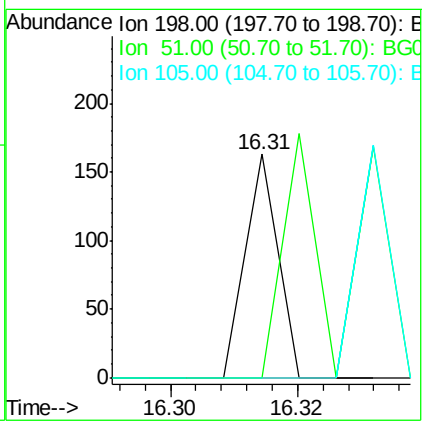


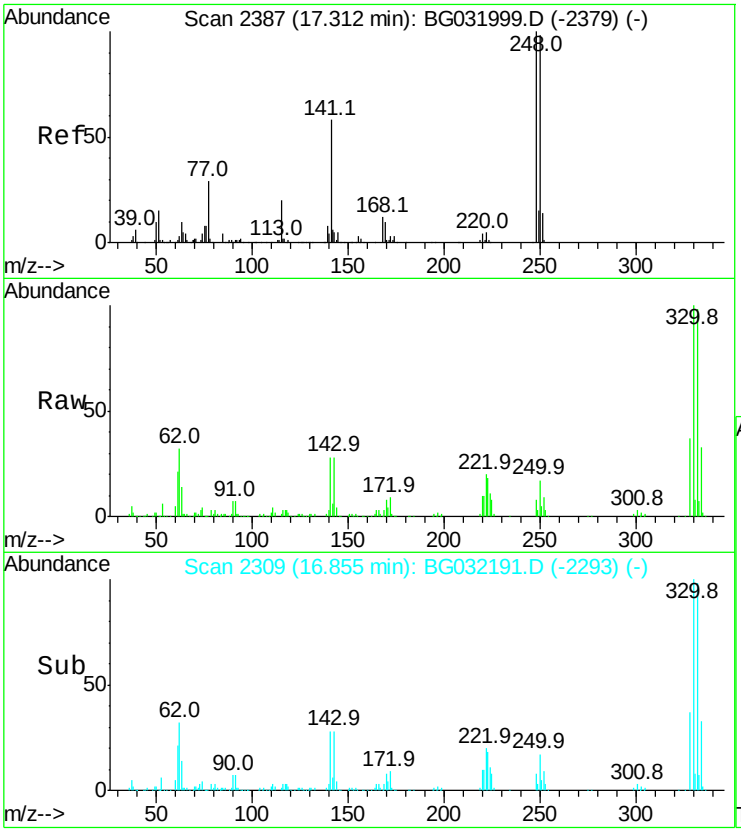


#64
4,6-Dinitro-2-methylphenol
Concen: 4.909 ng
RT: 16.31 min Scan# 2217
Delta R.T. -0.16 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Tgt Ion:198 Resp: 57

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



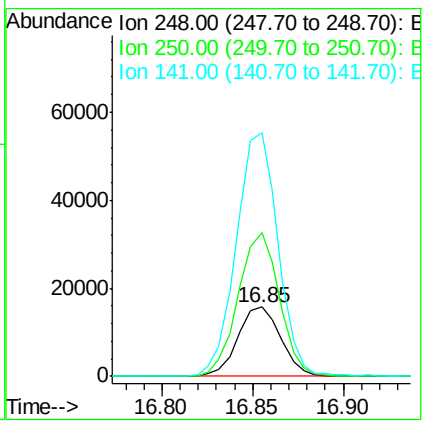


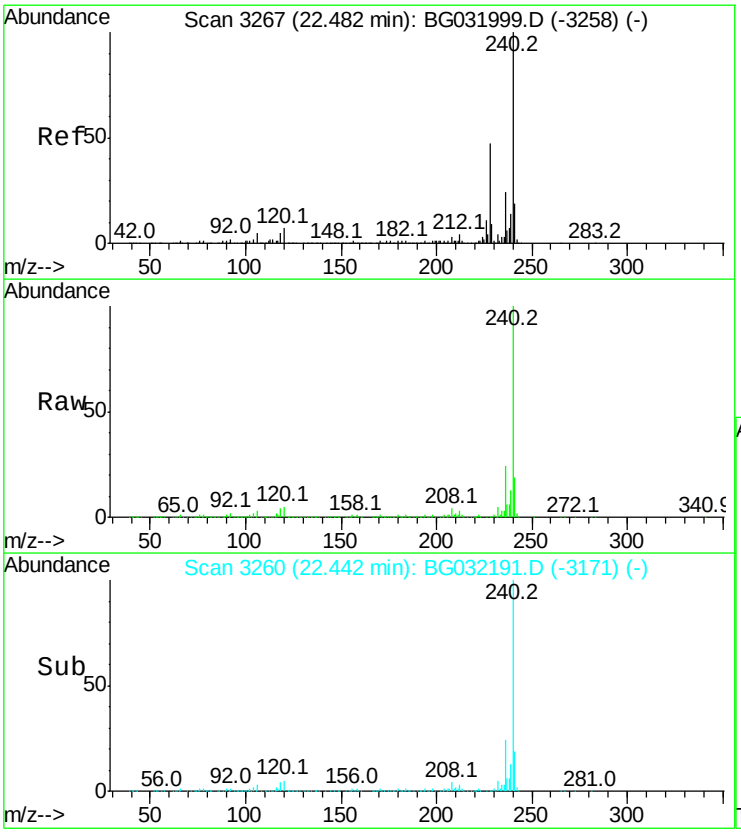
#66
4-Bromophenyl-phenylether
Concen: 5.576 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.44 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 25857

Ion	Ratio	Lower	Upper
248	100		
250	207.5	77.1	115.7#
141	351.0	50.8	76.2#

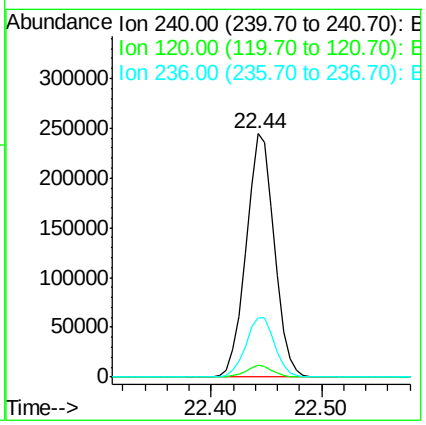


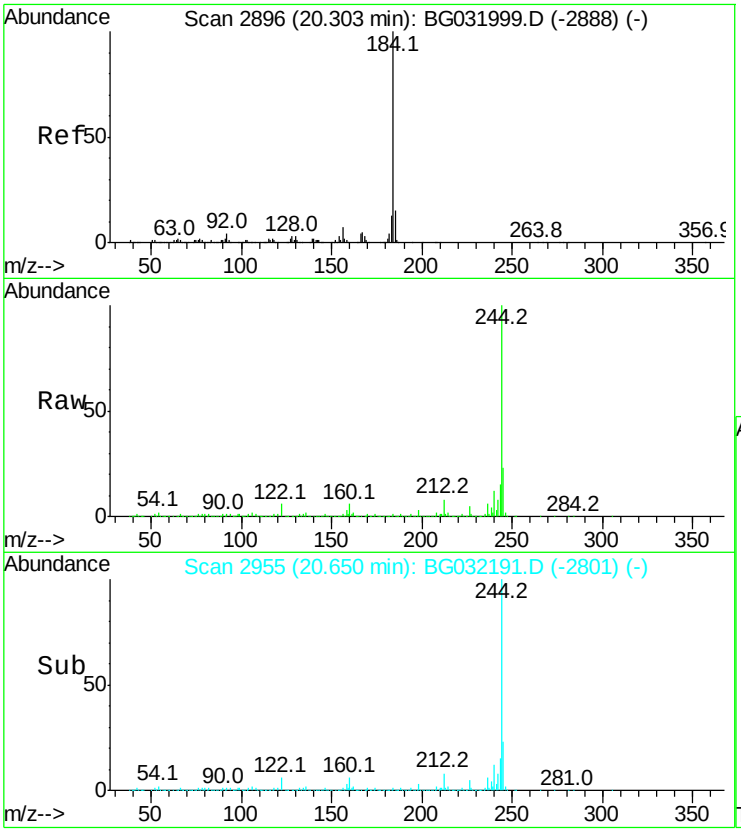


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Tgt Ion:240 Resp: 438040

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	24.5	20.9	31.3



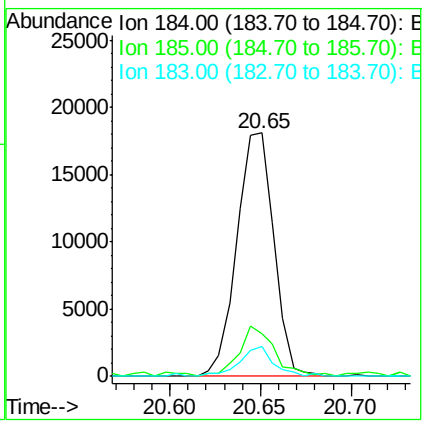


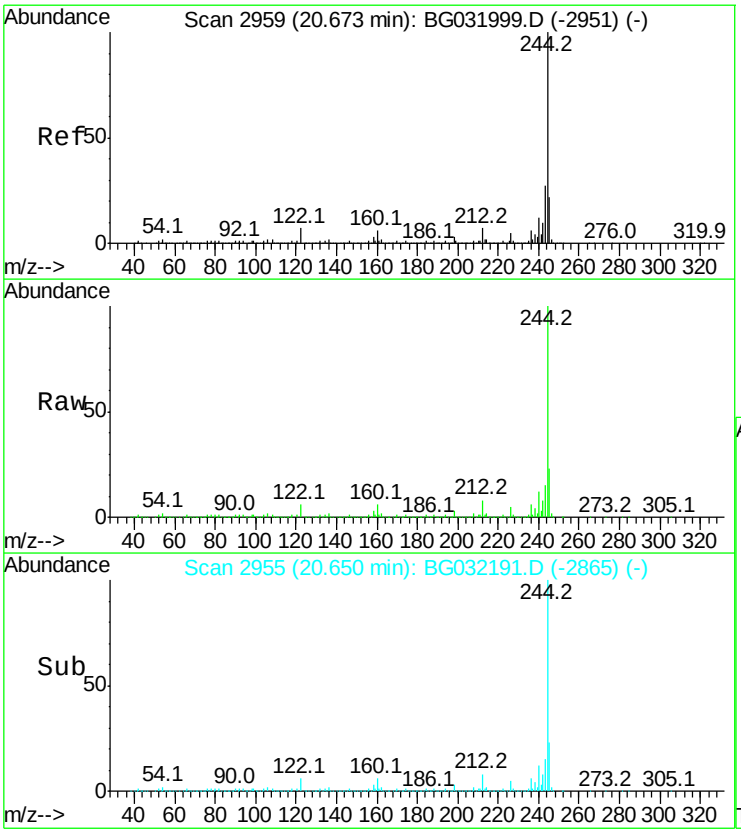
#76
Benzidine
Concen: 2.344 ng
RT: 20.65 min Scan# 2955
Delta R.T. 0.37 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 25676

Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.1	16.7#
183	12.2	10.6	16.0

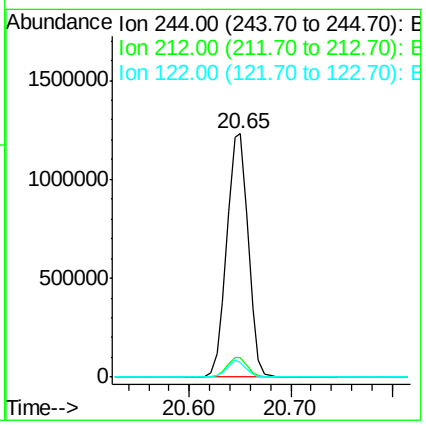


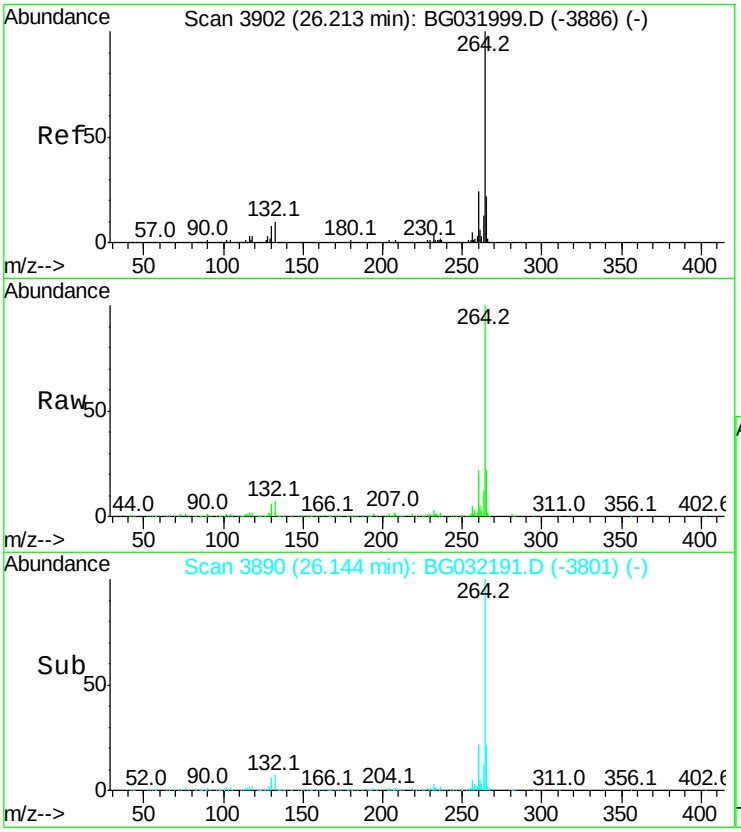


#78
Terphenyl-d14
Concen: 90.573 ng
RT: 20.65 min Scan# 2955
Delta R.T. -0.00 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Tgt Ion:244 Resp: 1796824

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	5.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.14 min Scan# 3890
Delta R.T. -0.01 min
Lab File: BG032191.D
Acq: 20 Jan 2018 22:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 471943

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	21.6	17.7	26.5