Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
Data File : BG033205.D
Acq On : 16 Mar 2018 18:38
Operator : SJ/JU
Sample : J1926-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4522-24

Quant Time: Mar 17 05:20:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	35139	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	146018	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	108395	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	322770	20.00	ng	0.00
75) Chrysene-d12	22.61	240	343335	20.00	ng	0.00
86) Perylene-d12	26.41	264	365108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	327202	148.97	ng	0.00
7) Phenol-d6	8.00	99	444966	145.34	ng	-0.01
23) Nitrobenzene-d5	10.10	82	339741	152.55	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	284974	250.04	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	762670	101.48	ng	0.00
78) Terphenyl-d14	20.77	244	1658076	108.50	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.23	79	5790	2.573	ng	# 38
19) n-Nitroso-di-n-propylamine	10.10	70	47959	22.190	ng	# 71
24) Nitrobenzene	10.14	77	118	6.424	ng	# 42
32) Benzoic acid	11.08	122	55	5.863	ng	# 1
47) 2-Nitroaniline	14.64	65	55	9.860	ng	# 9
50) 2,6-Dinitrotoluene	15.51	165	13368	16.047	ng	# 22
56) 2,4-Dinitrotoluene	15.51	165	13368	14.242	ng	# 19
61) 4-Nitroaniline	16.69	138	55	5.324	ng	# 12
64) 4,6-Dinitro-2-methylphenol	16.98	198	884	6.109	ng	# 71
66) 4-Bromophenyl-phenylether	16.99	248	20958	6.141	ng	# 1
76) Benzidine	20.77	184	28810	2.462	ng	# 92

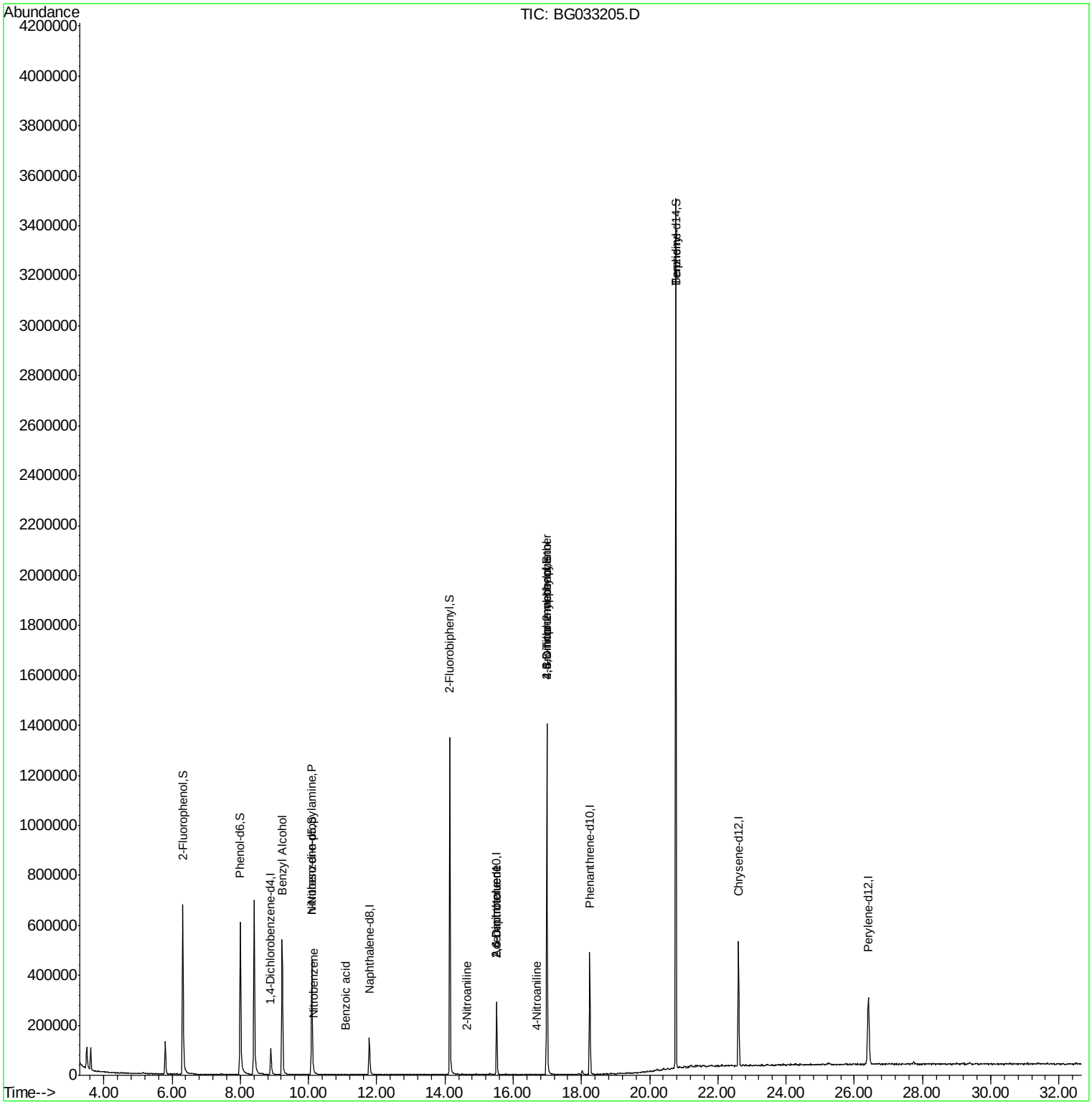
(#) = qualifier out of range (m) = manual integration (+) = signals summed

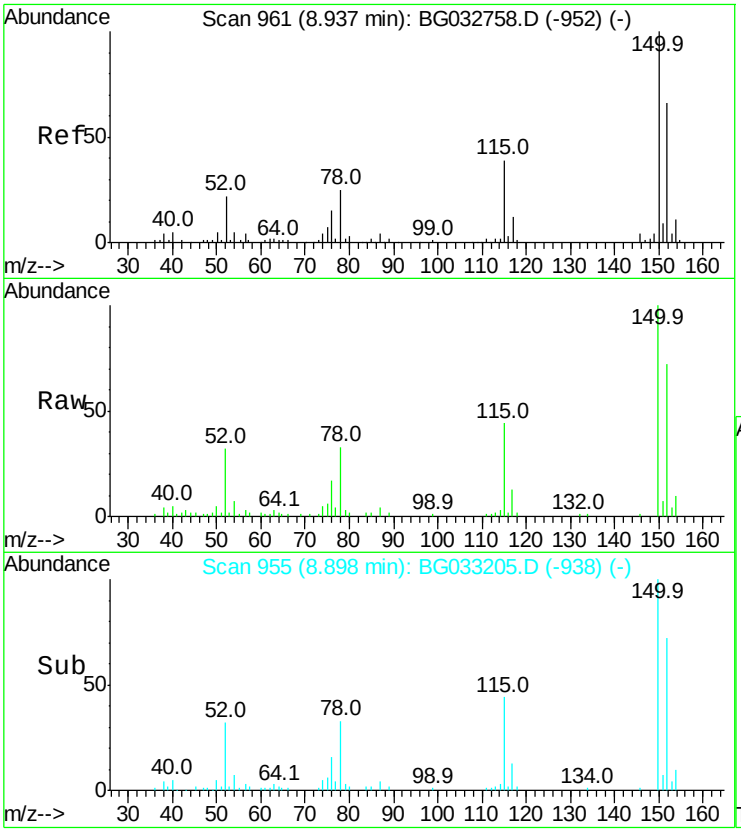
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
Data File : BG033205.D
Acq On : 16 Mar 2018 18:38
Operator : SJ/JU
Sample : J1926-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4522-24

Quant Time: Mar 17 05:20:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration



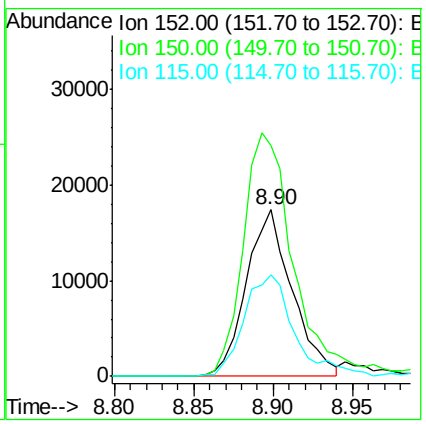


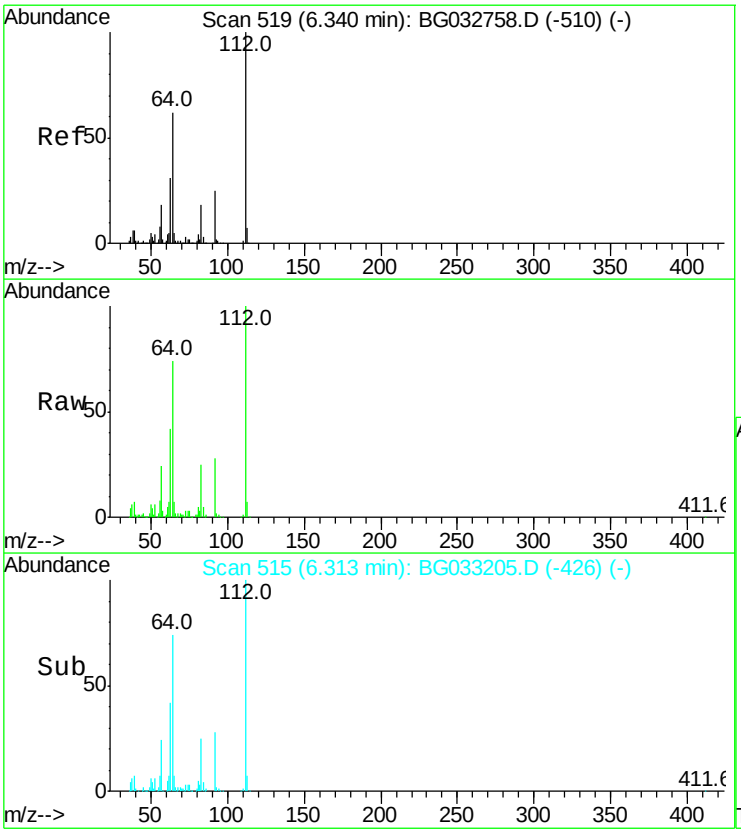
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Instrument :
BNA_G
ClientSampleId :
4522-24

Tgt Ion:152 Resp: 35139

Ion	Ratio	Lower	Upper
152	100		
150	138.6	126.6	189.8
115	60.9	53.0	79.4

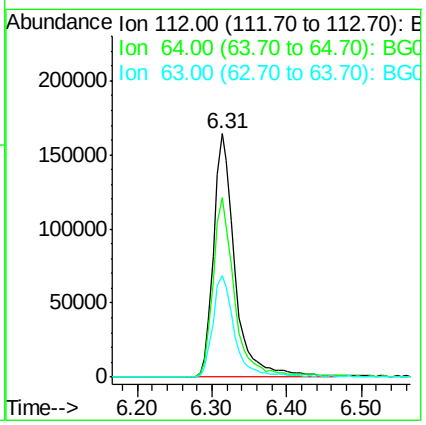


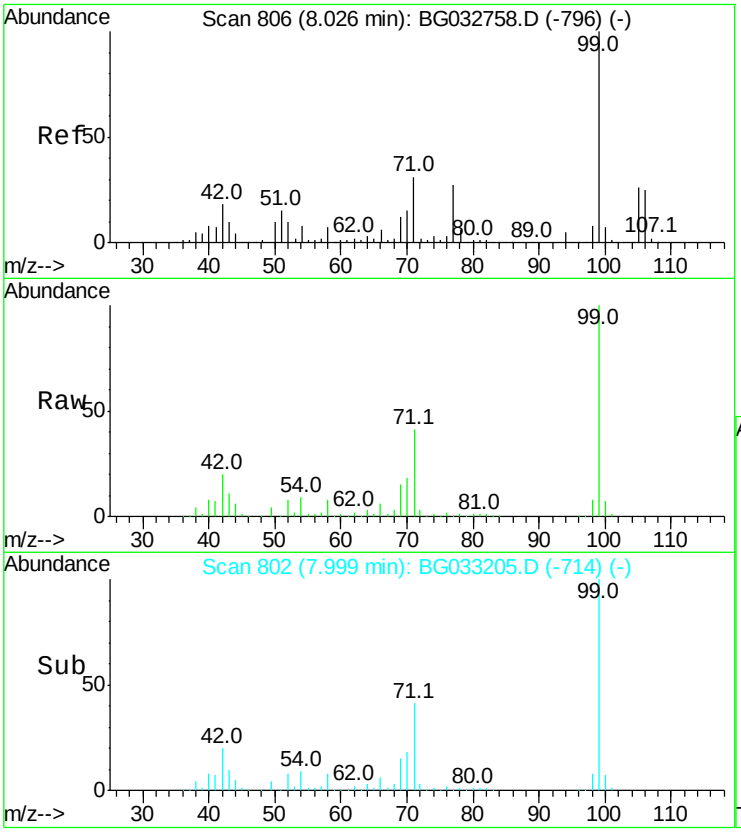


#5
2-Fluorophenol
Concen: 148.973 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.01 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion:112 Resp: 327202

Ion	Ratio	Lower	Upper
112	100		
64	73.7	56.3	84.5
63	41.6	30.1	45.1



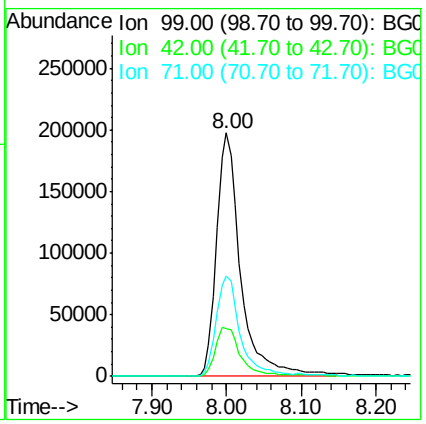


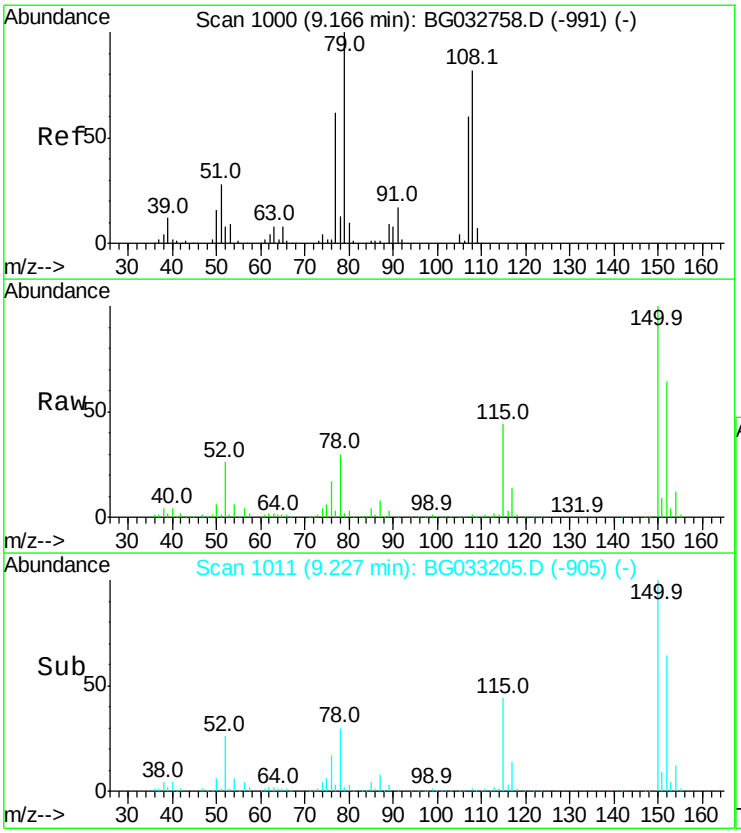
#7
Phenol-d6
Concen: 145.344 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Instrument :
BNA_G
ClientSampleId :
4522-24

Tgt Ion: 99 Resp: 444966

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.1	21.1
71	41.4	26.1	39.1#

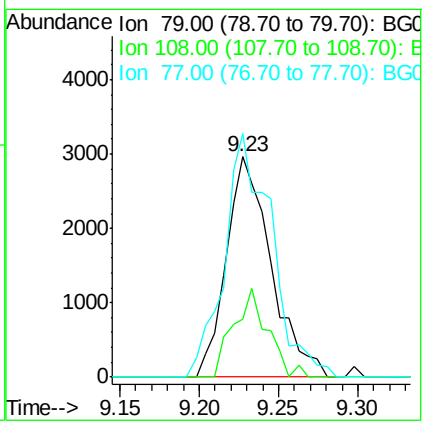


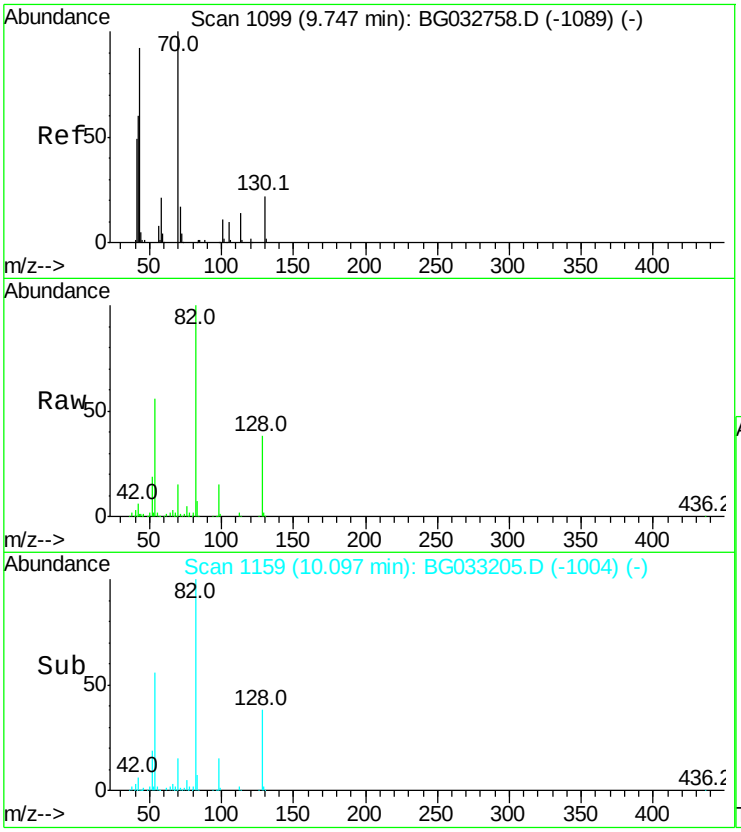


#15
Benzyl Alcohol
Concen: 2.573 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.09 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion: 79 Resp: 5790

Ion	Ratio	Lower	Upper
79	100		
108	26.6	57.2	85.8#
77	110.6	46.1	69.1#



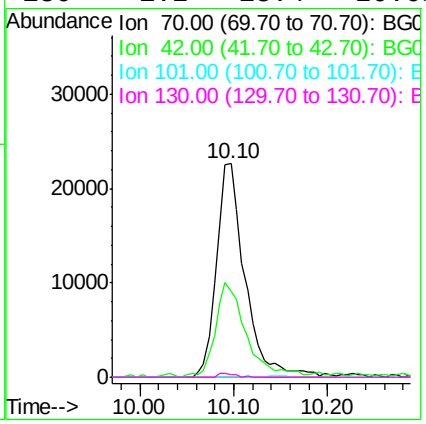


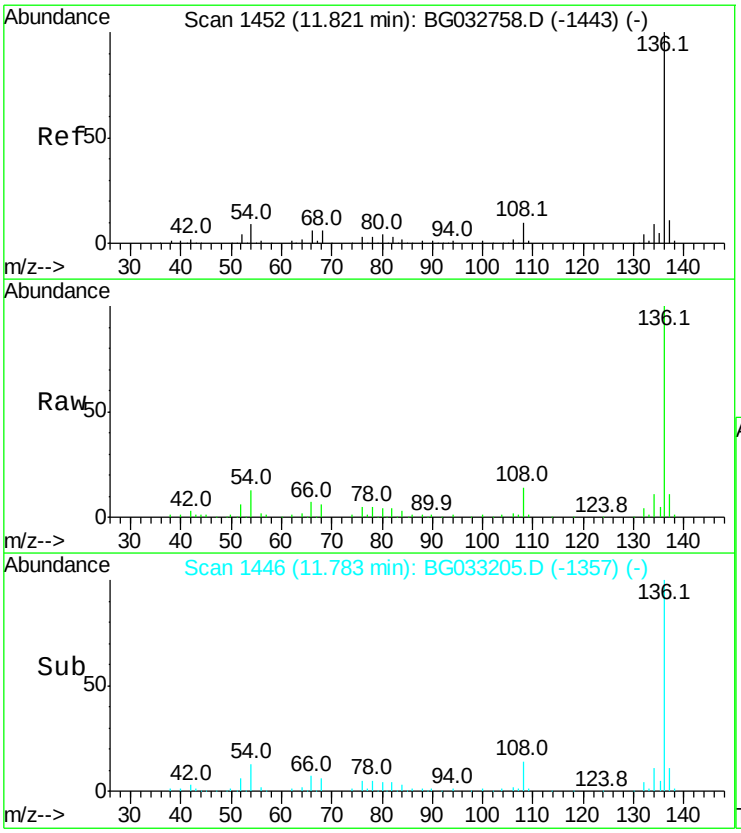
#19
n-Nitroso-di-n-propylamine
Concen: 22.190 ng
RT: 10.10 min Scan# 1159
Delta R.T. 0.38 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Instrument :
BNA_G
ClientSampleId :
4522-24

Tgt Ion: 70 Resp: 47959

Ion	Ratio	Lower	Upper
70	100		
42	40.4	49.1	73.7#
101	0.0	8.5	12.7#
130	1.2	13.4	20.0#

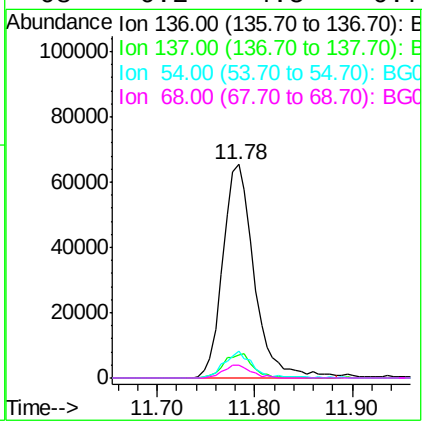


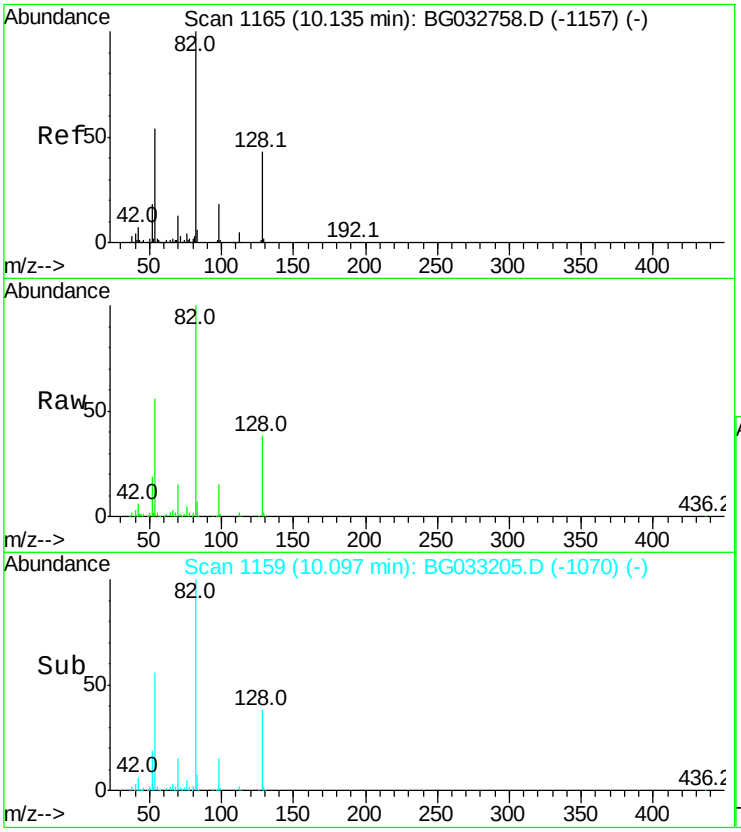


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion:136 Resp: 146018

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	12.5	10.3	15.5
68	6.2	4.5	6.7



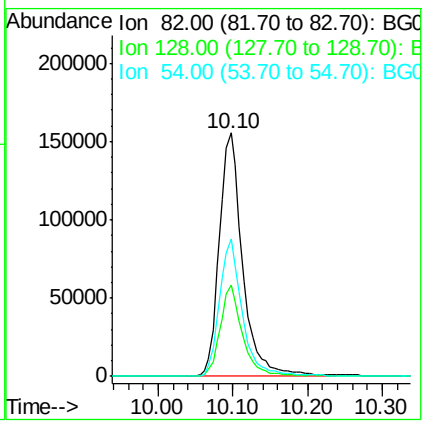


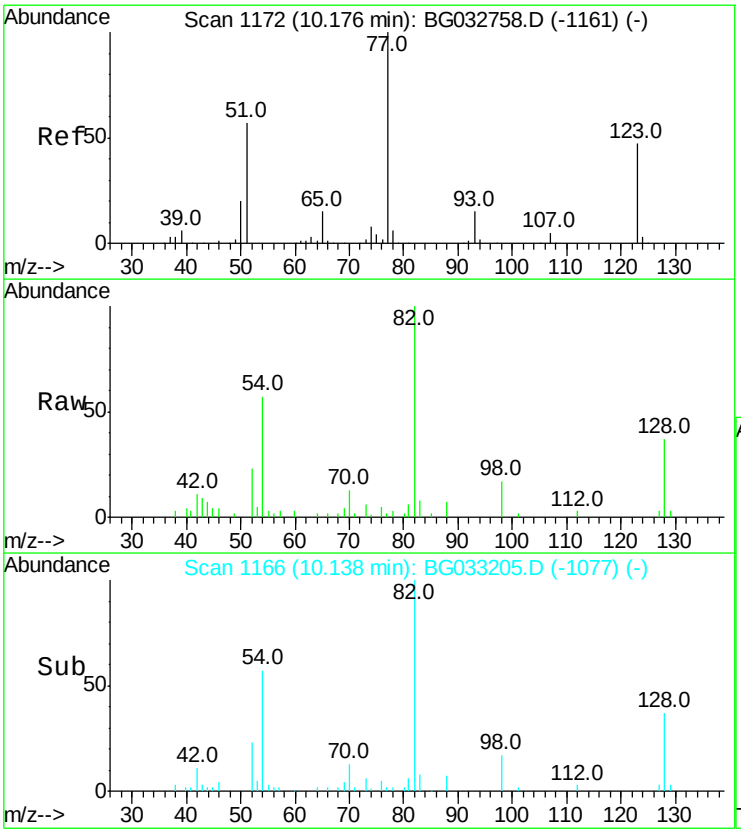
#23
Nitrobenzene-d5
Concen: 152.545 ng
RT: 10.10 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Instrument : BNA_G
ClientSampleId : 4522-24

Tgt Ion: 82 Resp: 339741

Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.7	44.5
54	56.2	43.1	64.7

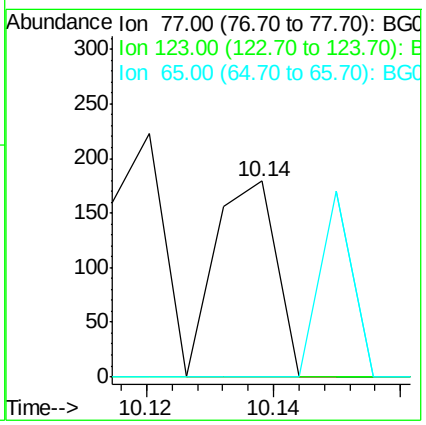


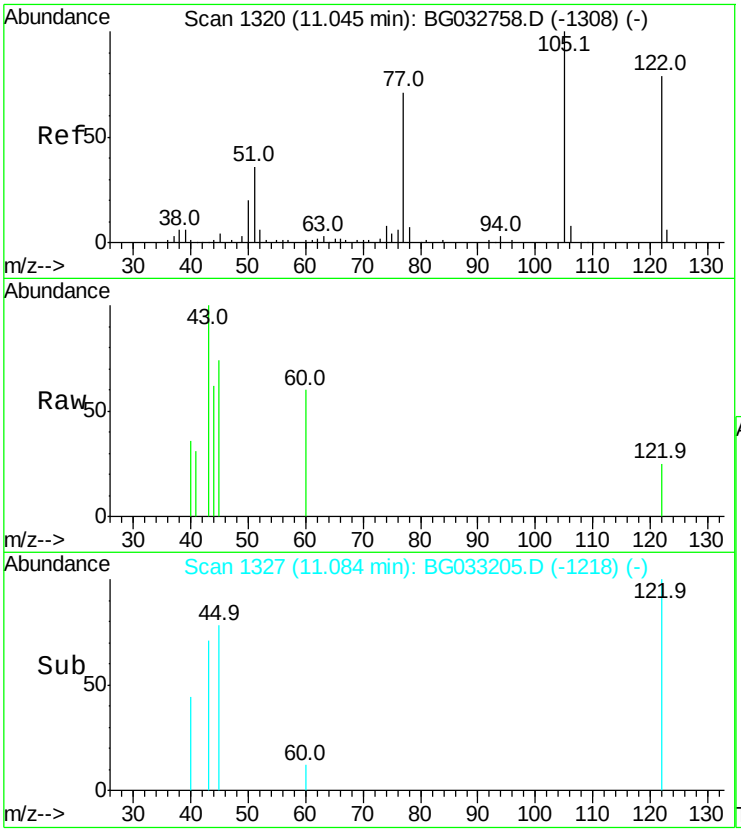


#24
Nitrobenzene
Concen: 6.424 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion: 77 Resp: 118

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#



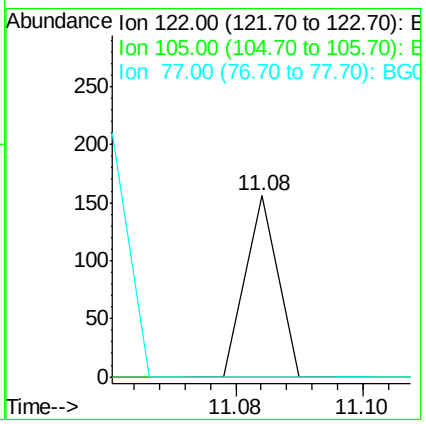


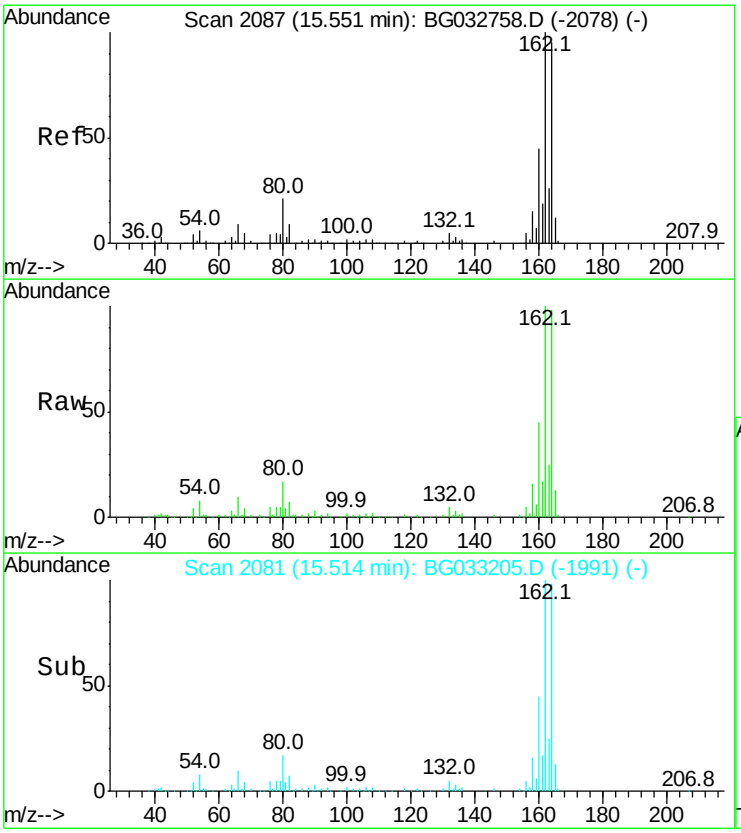
#32
Benzoic acid
Concen: 5.863 ng
RT: 11.08 min Scan# 1327
Delta R.T. 0.11 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Instrument :
BNA_G
ClientSampleId :
4522-24

Tgt Ion:122 Resp: 55

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

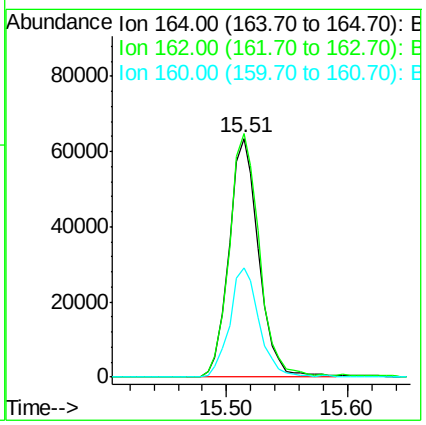


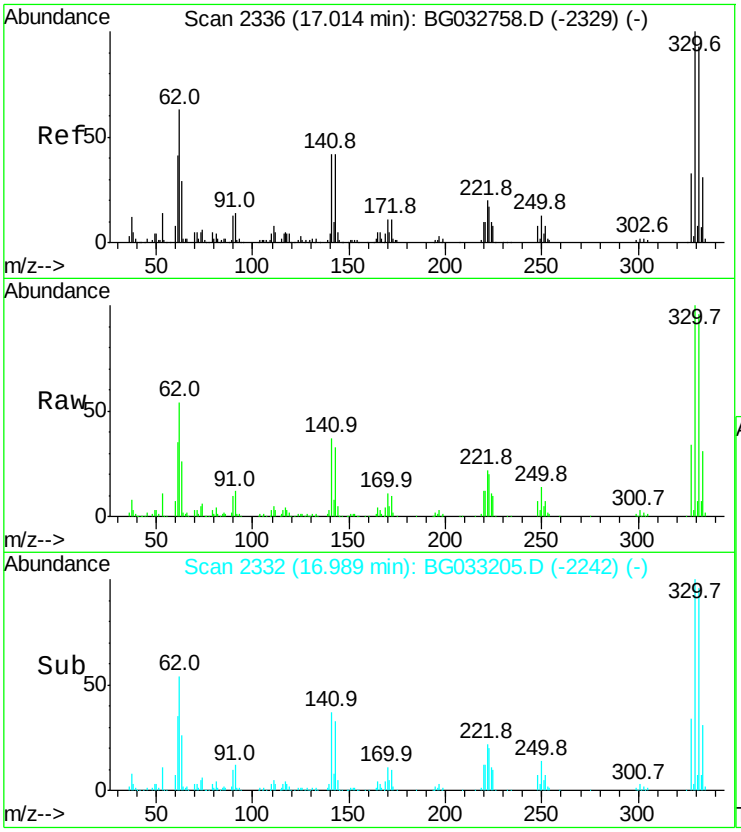


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion:164 Resp: 108395

Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	45.7	35.4	53.0



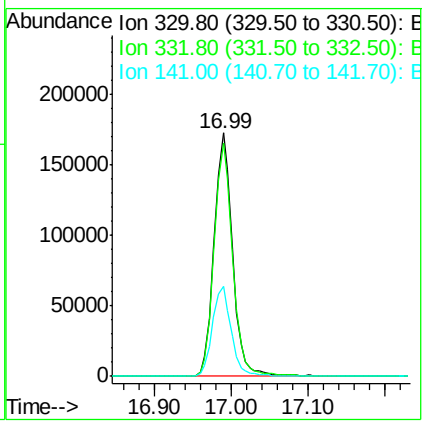


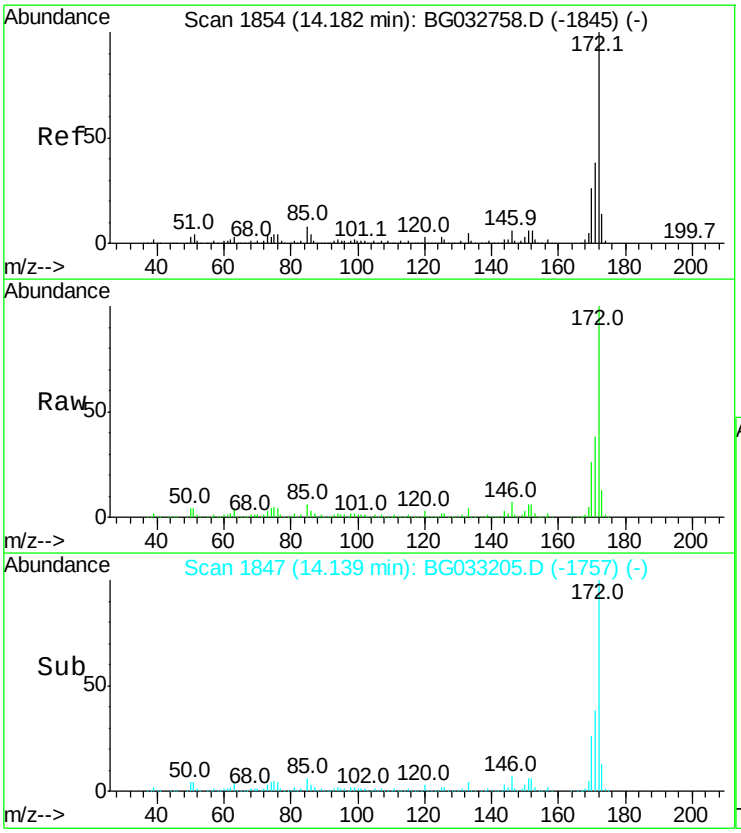
#41
2,4,6-Tribromophenol
Concen: 250.035 ng
RT: 16.99 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Instrument :
BNA_G
ClientSampleId :
4522-24

Tgt Ion:330 Resp: 284974

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.5	25.2	37.8

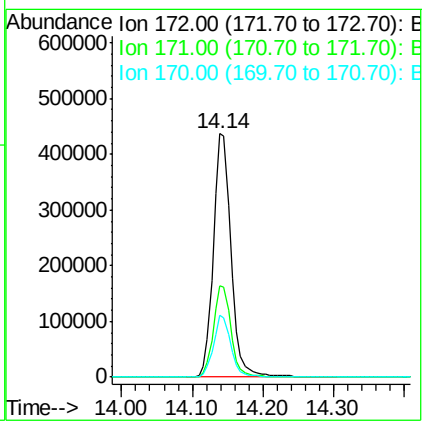


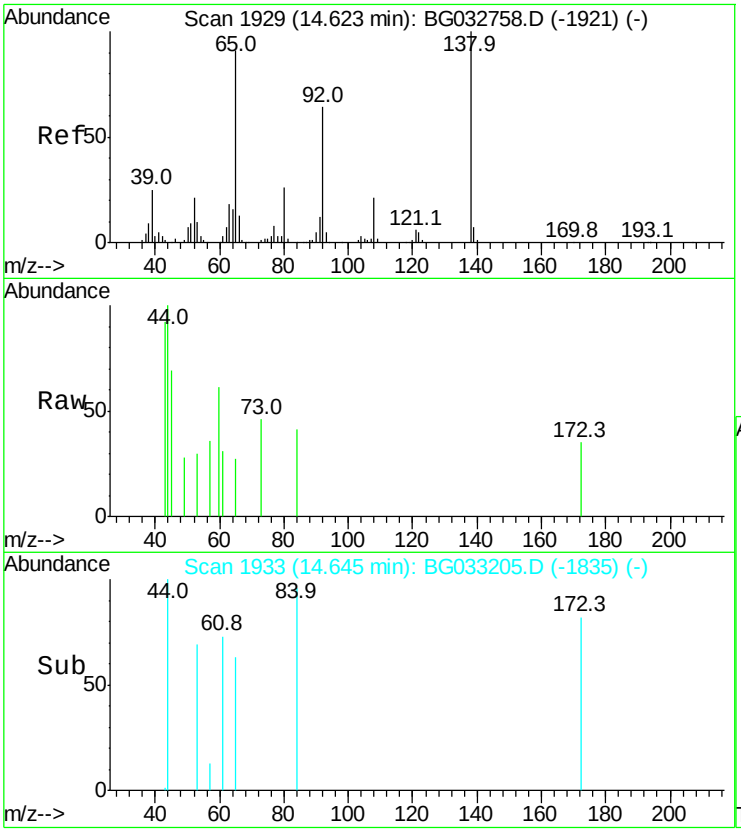


#44
2-Fluorobiphenyl
Concen: 101.477 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion:172 Resp: 762670

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.6	19.5	29.3



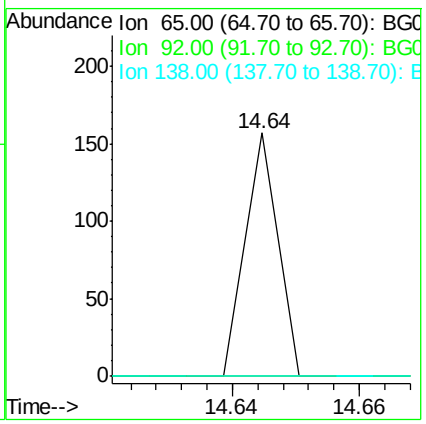


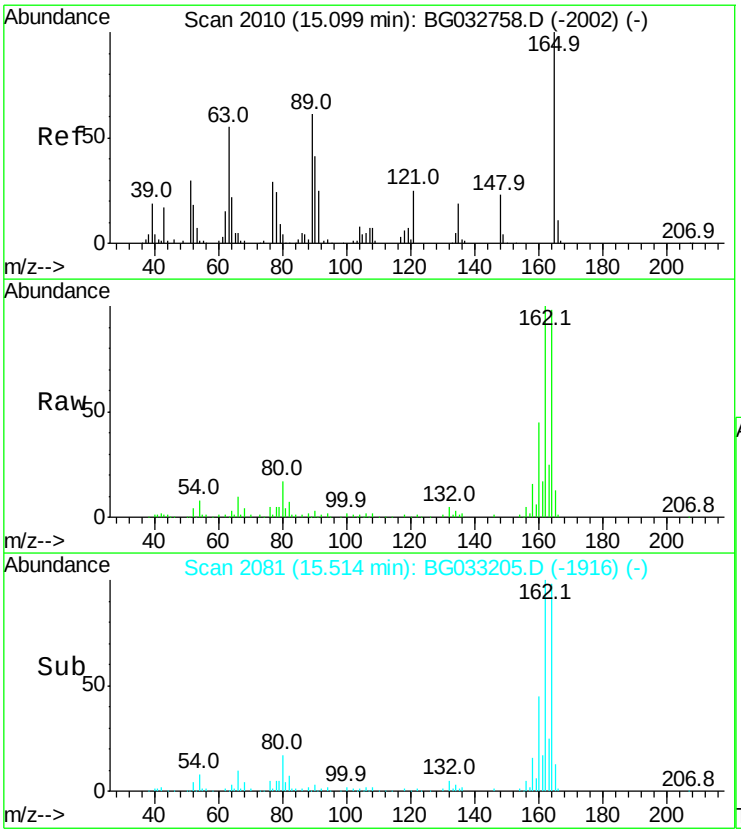
#47
2-Nitroaniline
Concen: 9.860 ng
RT: 14.64 min Scan# 1933
Delta R.T. 0.04 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Instrument :
BNA_G
ClientSampleId :
4522-24

Tgt Ion: 65 Resp: 55

Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.6	82.0#
138	0.0	72.9	109.3#

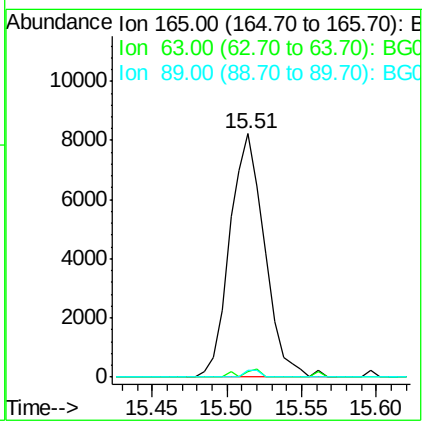


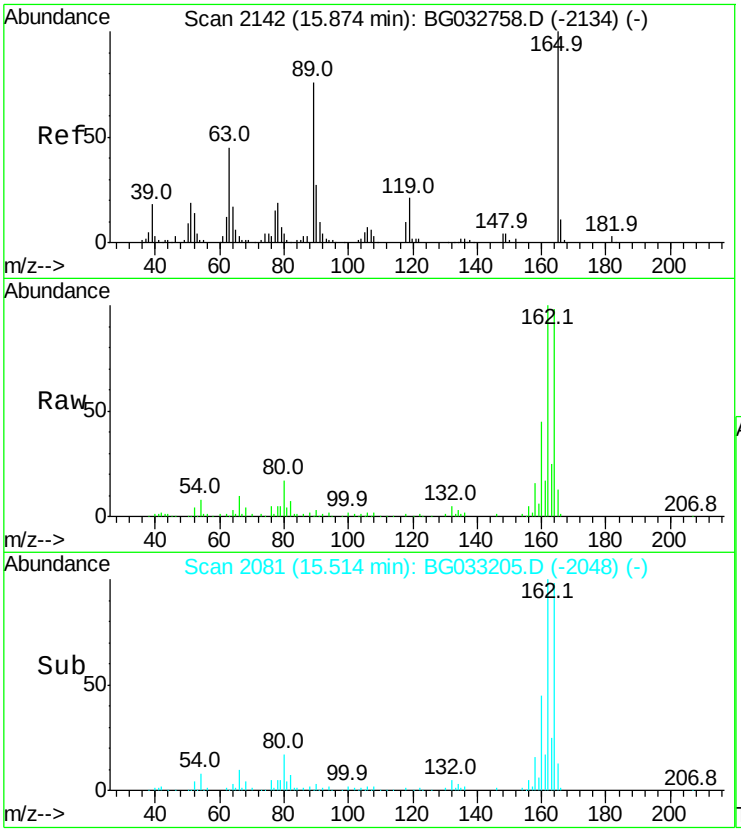


#50
2,6-Dinitrotoluene
Concen: 16.047 ng
RT: 15.51 min Scan# 2081
Delta R.T. 0.44 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion:165 Resp: 13368

Ion	Ratio	Lower	Upper
165	100		
63	2.5	52.7	79.1#
89	2.8	49.2	73.8#



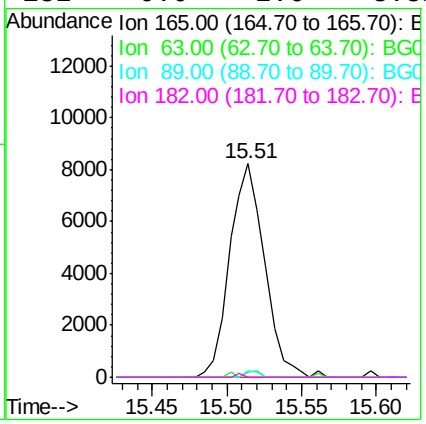


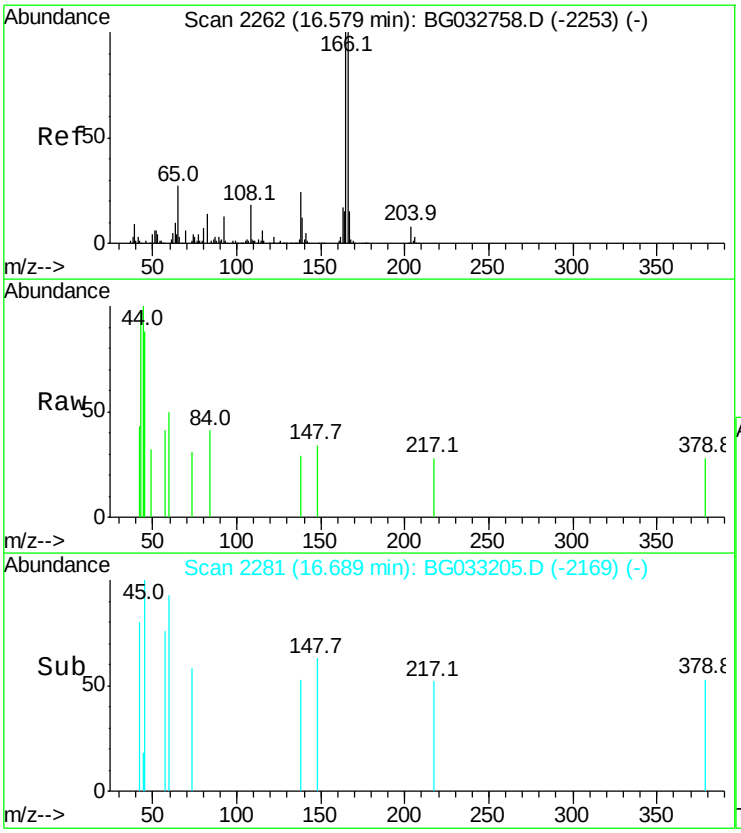
#56
2,4-Dinitrotoluene
Concen: 14.242 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.34 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Instrument :
BNA_G
ClientSampleId :
4522-24

Tgt Ion:165 Resp: 13368

Ion	Ratio	Lower	Upper
165	100		
63	2.5	42.0	63.0#
89	2.8	66.9	100.3#
182	0.0	2.6	3.8#

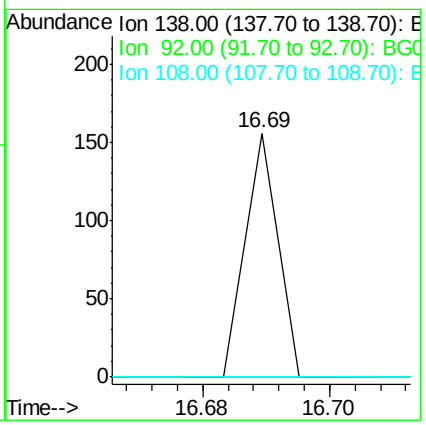


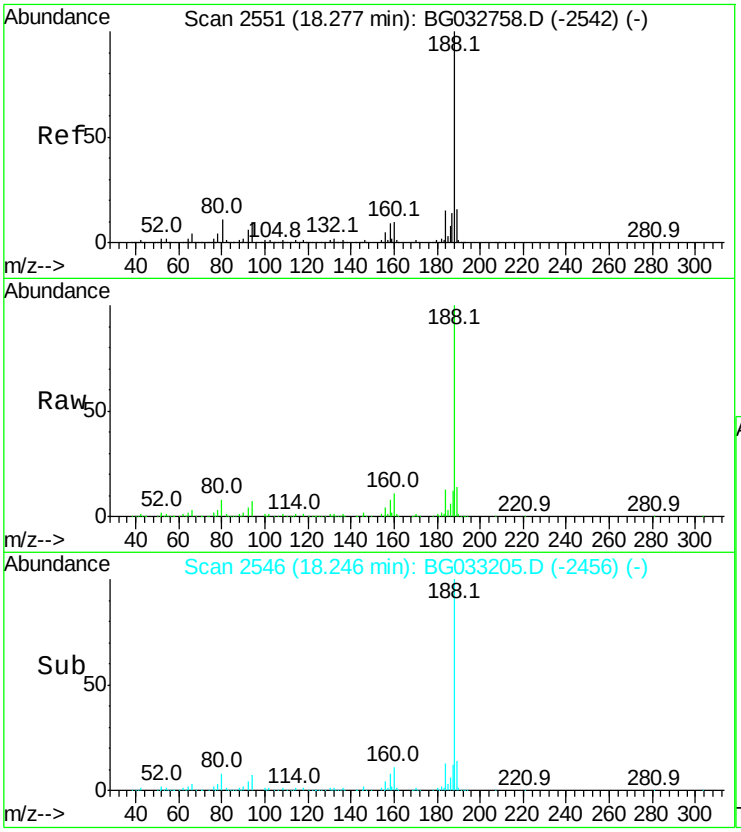


#61
4-Nitroaniline
Concen: 5.324 ng
RT: 16.69 min Scan# 2281
Delta R.T. 0.13 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion:138 Resp: 55

Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.1	80.1#
108	0.0	65.4	105.4#



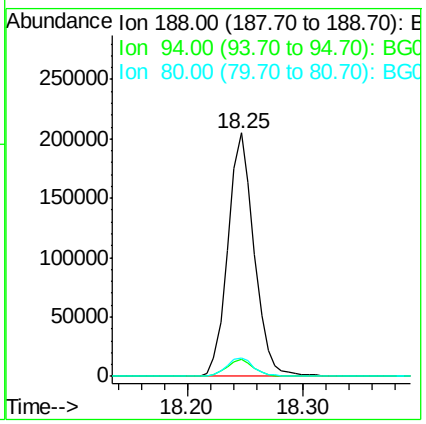


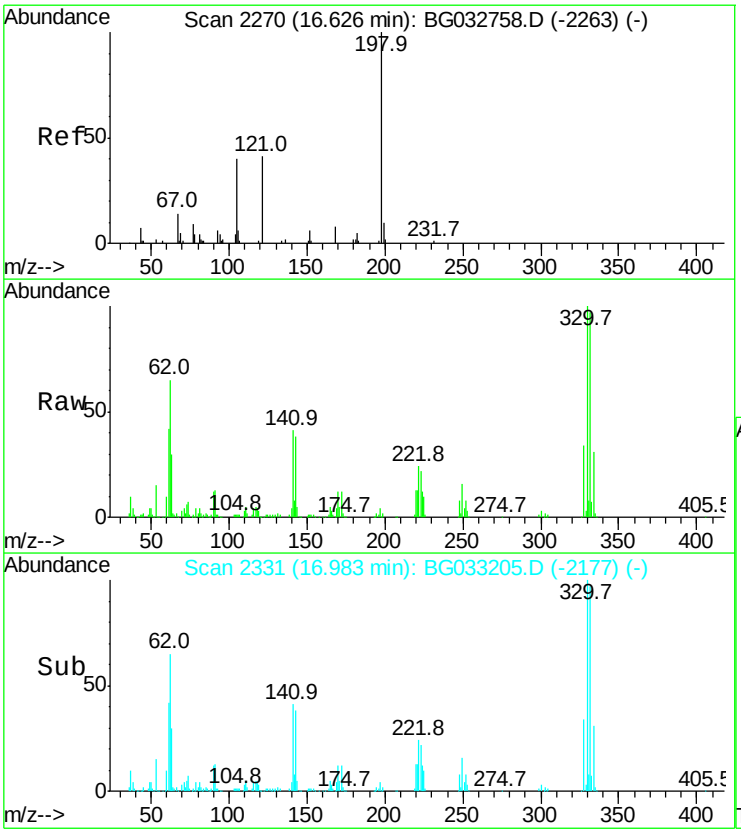
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Instrument :
BNA_G
ClientSampleId :
4522-24

Tgt Ion:188 Resp: 322770

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	7.6	7.7	11.5#

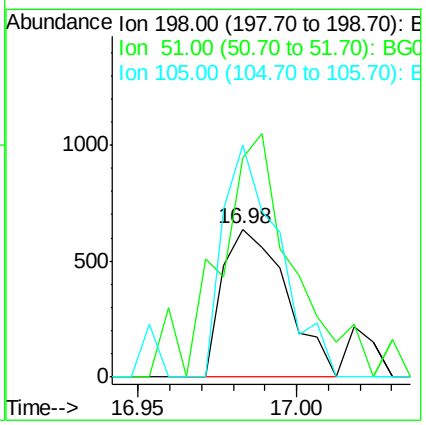


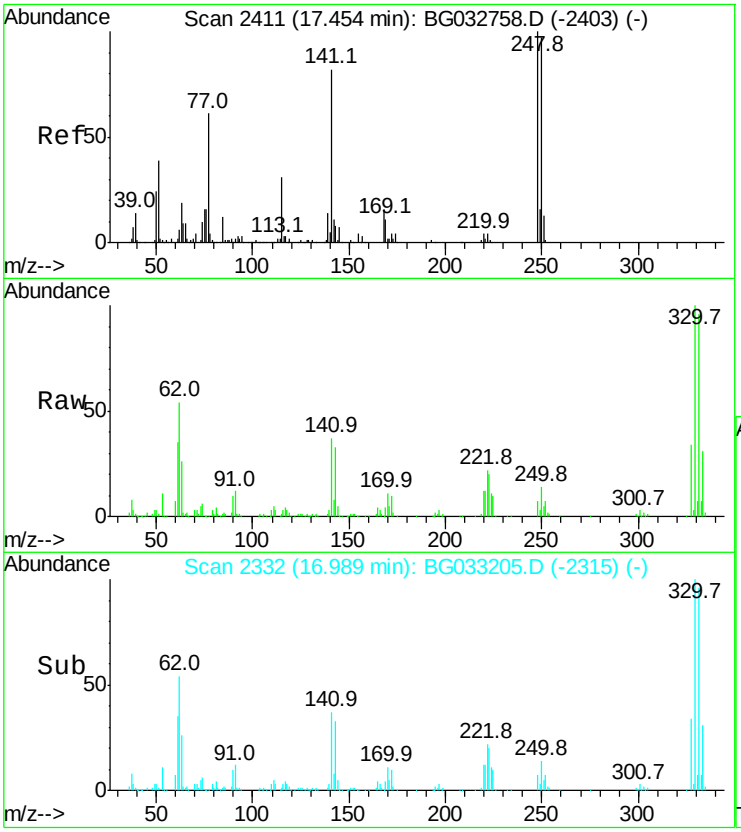


#64
4,6-Dinitro-2-methylphenol
Concen: 6.109 ng
RT: 16.98 min Scan# 2331
Delta R.T. 0.37 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion:198 Resp: 884

Ion	Ratio	Lower	Upper
198	100		
51	27.4	30.6	70.6#
105	29.0	23.8	63.8



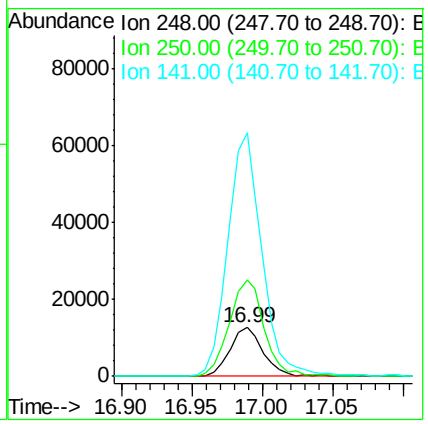


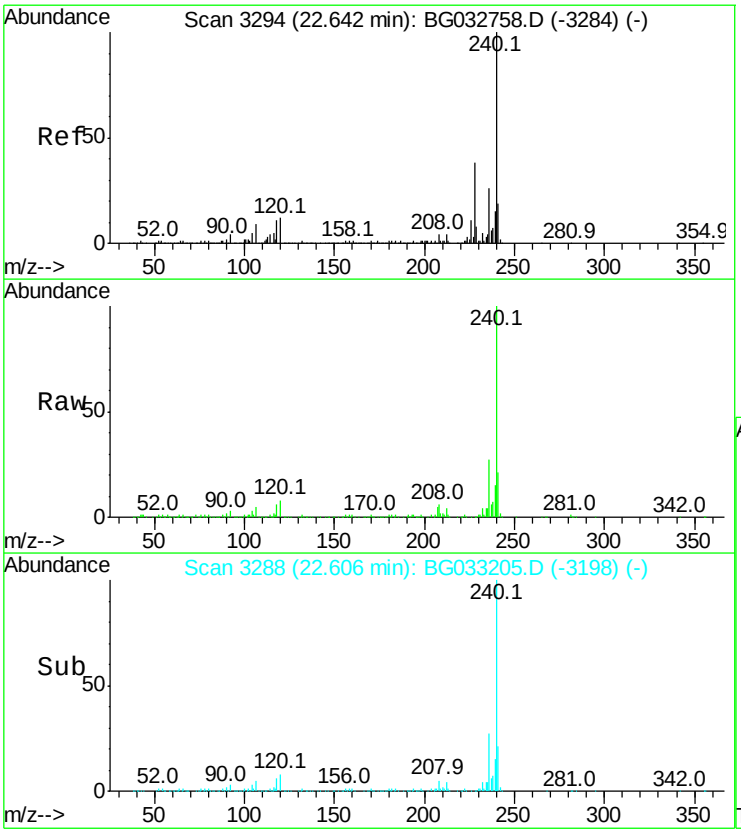
#66
4-Bromophenyl-phenylether
Concen: 6.141 ng
RT: 16.99 min Scan# 2332
Delta R.T. -0.43 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Instrument :
BNA_G
ClientSampleId :
4522-24

Tgt Ion:248 Resp: 20958

Ion	Ratio	Lower	Upper
248	100		
250	196.3	77.1	115.7#
141	497.2	50.8	76.2#

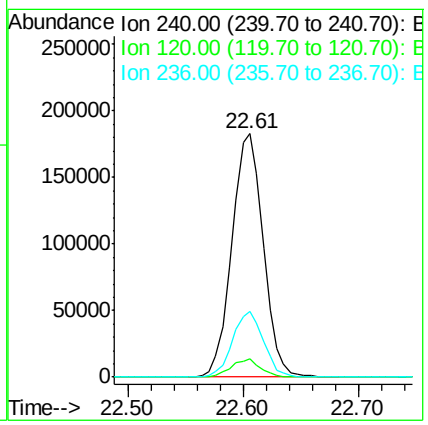


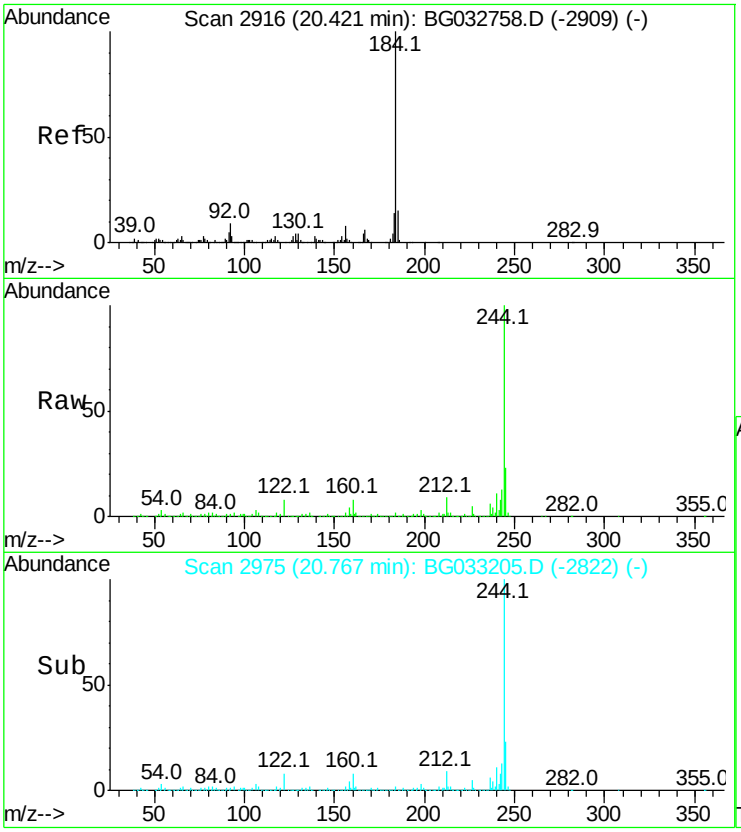


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion:240 Resp: 343335

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.8	10.2
236	26.7	20.9	31.3



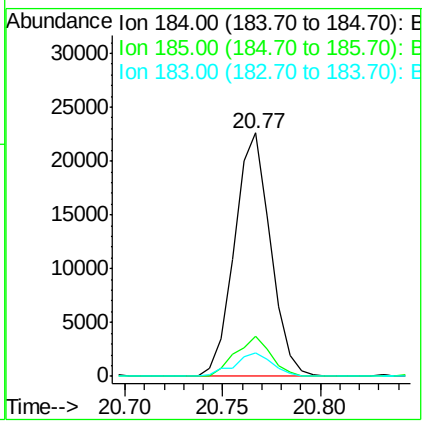


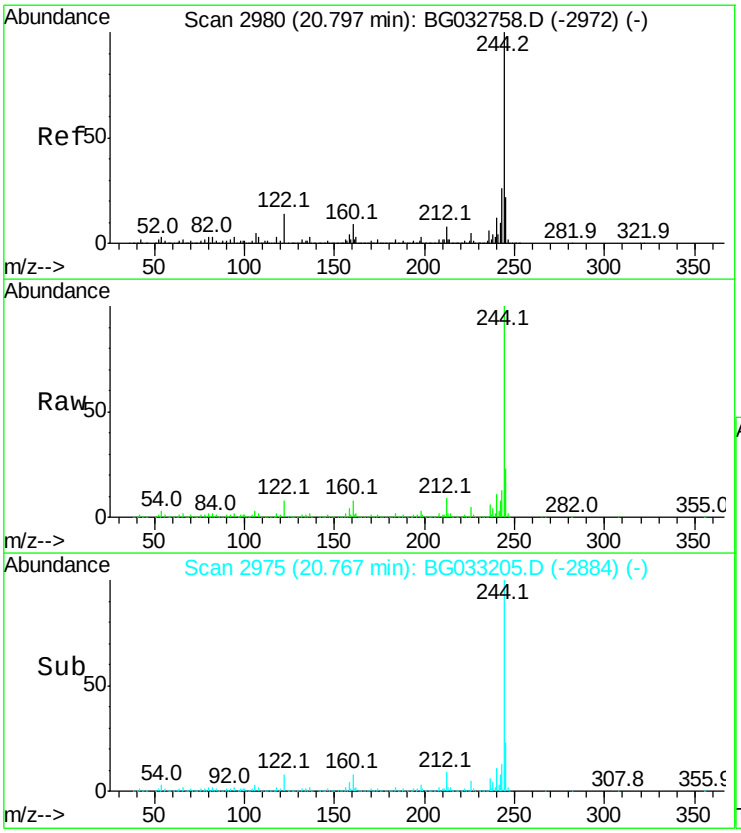
#76
Benzidine
Concen: 2.462 ng
RT: 20.77 min Scan# 2975
Delta R.T. 0.37 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Instrument :
BNA_G
ClientSampleId :
4522-24

Tgt Ion:184 Resp: 28810

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.1	16.7
183	9.7	10.6	16.0#

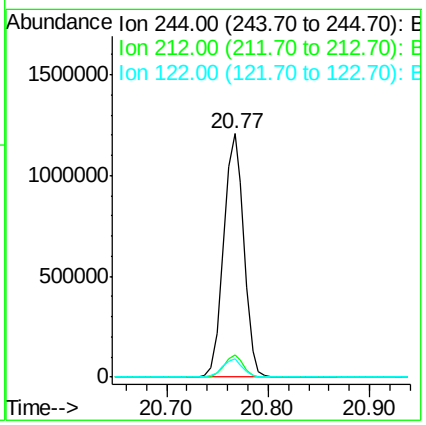


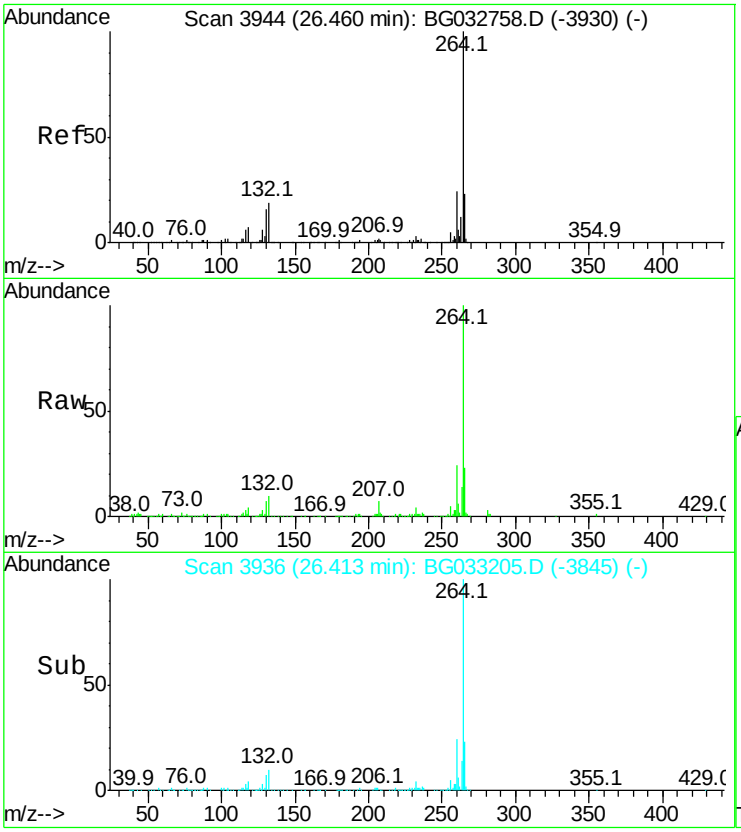


#78
Terphenyl-d14
Concen: 108.502 ng
RT: 20.77 min Scan# 2975
Delta R.T. 0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Tgt Ion:244 Resp: 1658076

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	7.7	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3936
Delta R.T. 0.00 min
Lab File: BG033205.D
Acq: 16 Mar 2018 18:38

Instrument :
BNA_G
ClientSampleId :
4522-24

Tgt Ion:264 Resp: 365108

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	23.1	17.7	26.5