Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033835.D
Acq On : 17 Apr 2018 4:09
Operator : SJ/JU
Sample : J2391-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 17 05:14:32 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 11:44:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	20782	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	112655	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	93863	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	273989	20.00	ng	0.00
75) Chrysene-d12	22.55	240	283968	20.00	ng	0.00
86) Perylene-d12	26.32	264	304630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	28232	25.47	ng	0.00
7) Phenol-d6	8.02	99	10418	5.47	ng	0.03
23) Nitrobenzene-d5	10.07	82	204262	83.30	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	138762	98.85	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	616882	94.88	ng	0.00
78) Terphenyl-d14	20.72	244	1253015	94.37	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.19	79	3380	2.254	ng	# 50
19) n-Nitroso-di-n-propylamine	10.06	70	23633	16.936	ng	# 87
49) Dimethylphthalate	14.89	163	26805	3.281	ng	# 98
50) 2,6-Dinitrotoluene	15.46	165	11396	6.823	ng	# 18
56) 2,4-Dinitrotoluene	15.46	165	11457	4.659	ng	# 16
76) Benzidine	20.72	184	20460	2.657	ng	# 93

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

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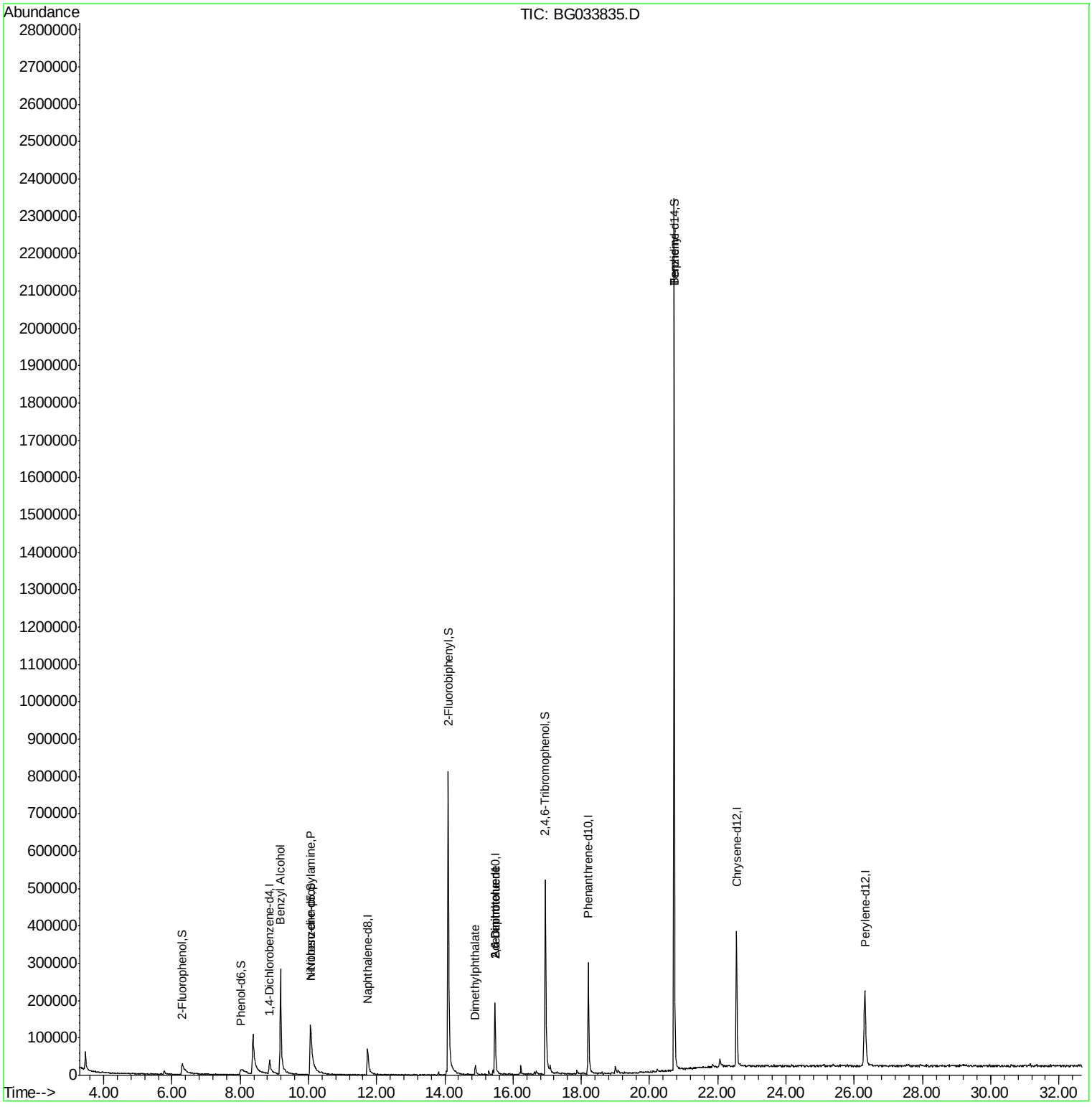
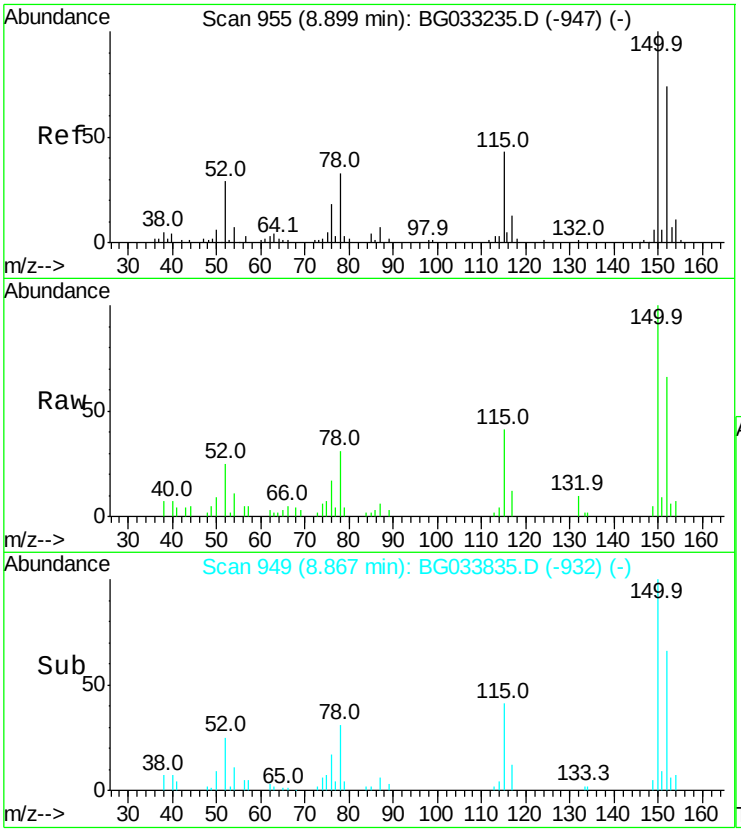


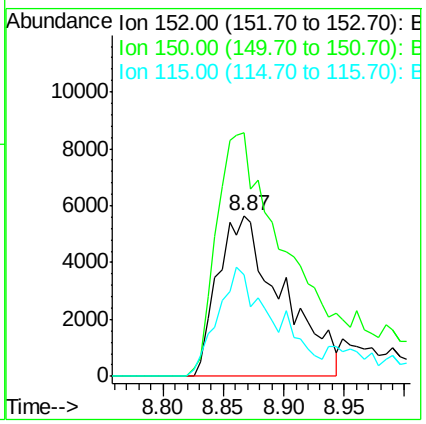


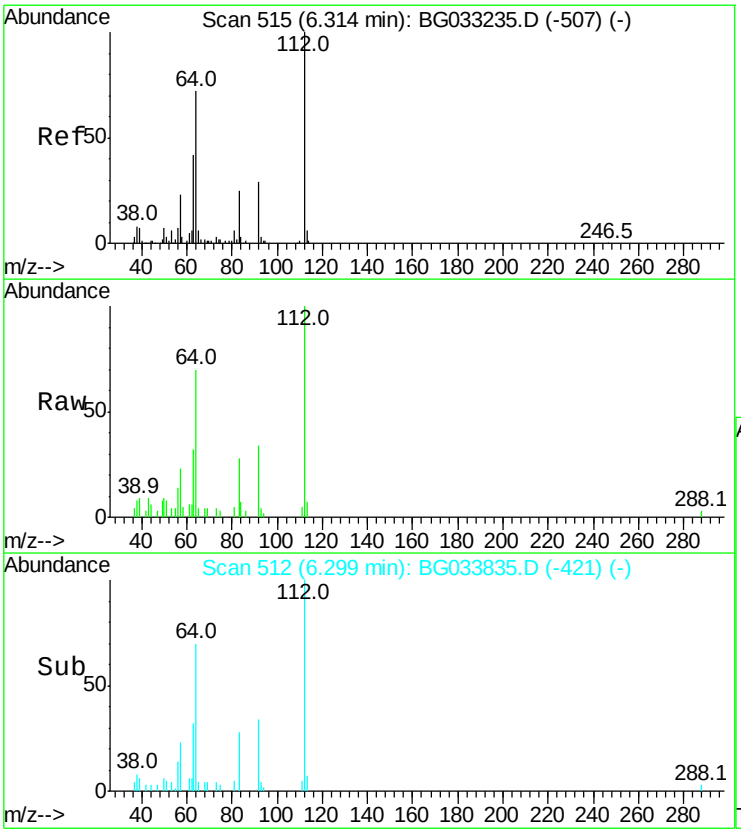
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 20782

Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.6	189.8
115	62.9	53.0	79.4

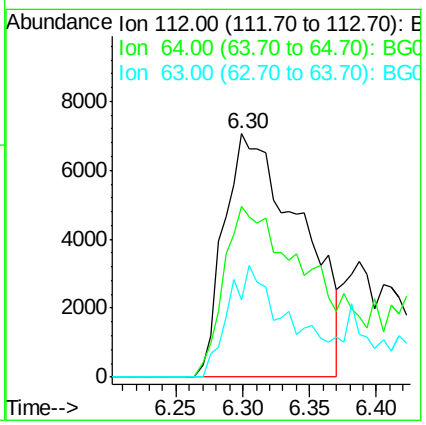


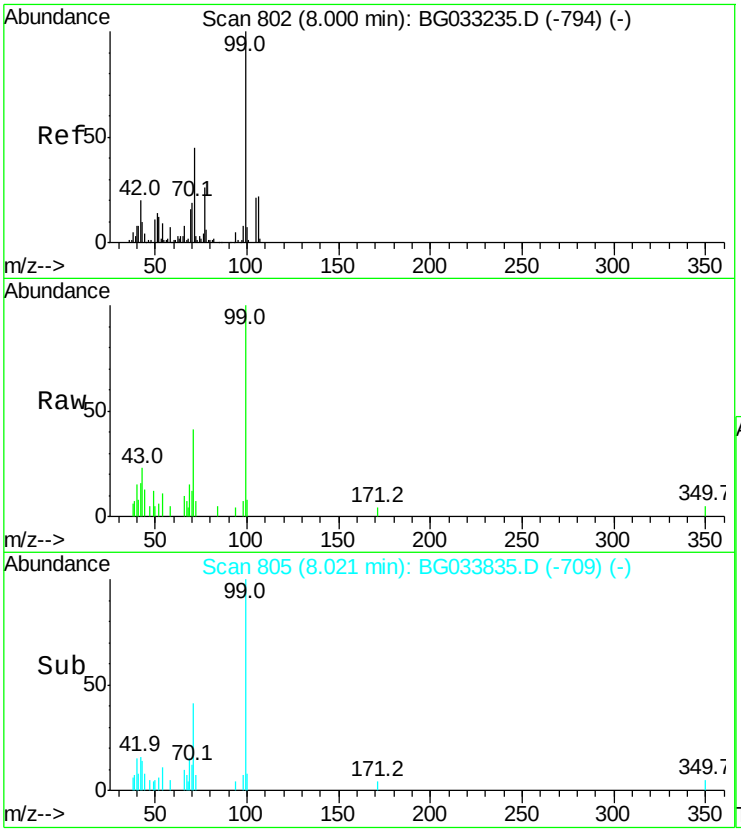


#5
2-Fluorophenol
Concen: 25.473 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Tgt Ion:112 Resp: 28232

Ion	Ratio	Lower	Upper
112	100		
64	70.3	56.3	84.5
63	31.9	30.1	45.1



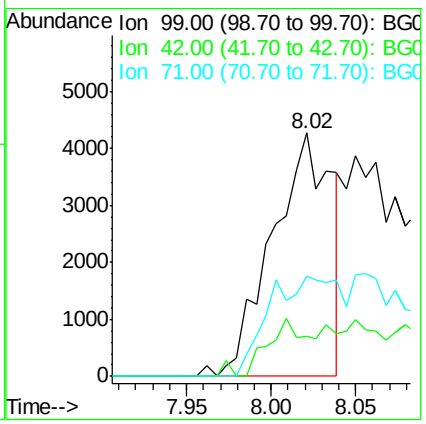


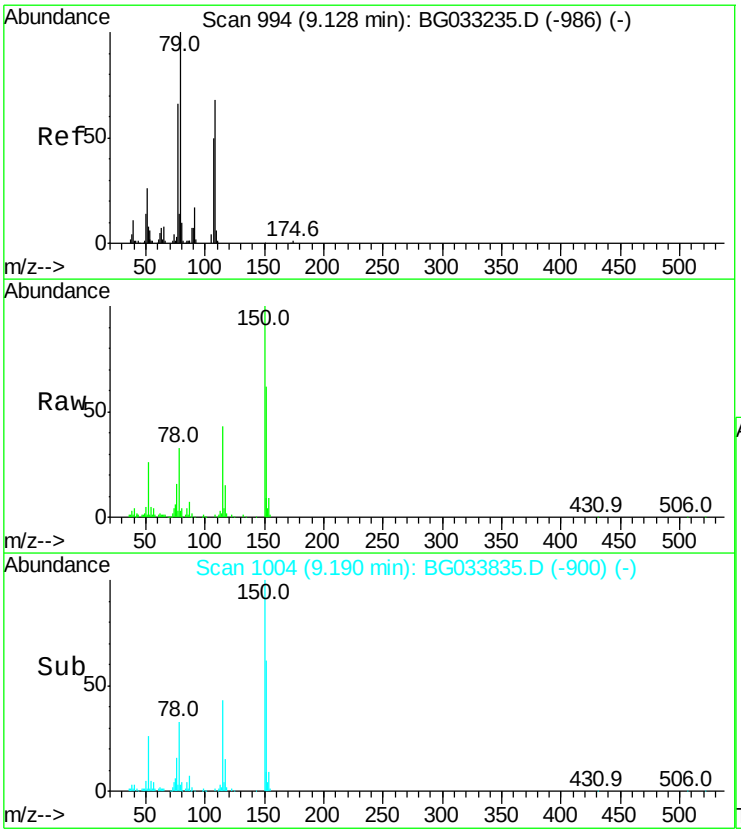
#7
Phenol-d6
Concen: 5.471 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.03 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 10418

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	41.3	26.1	39.1#

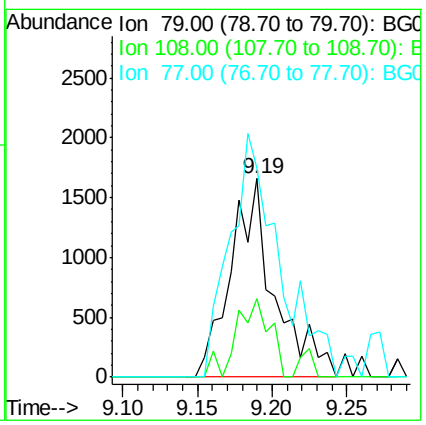


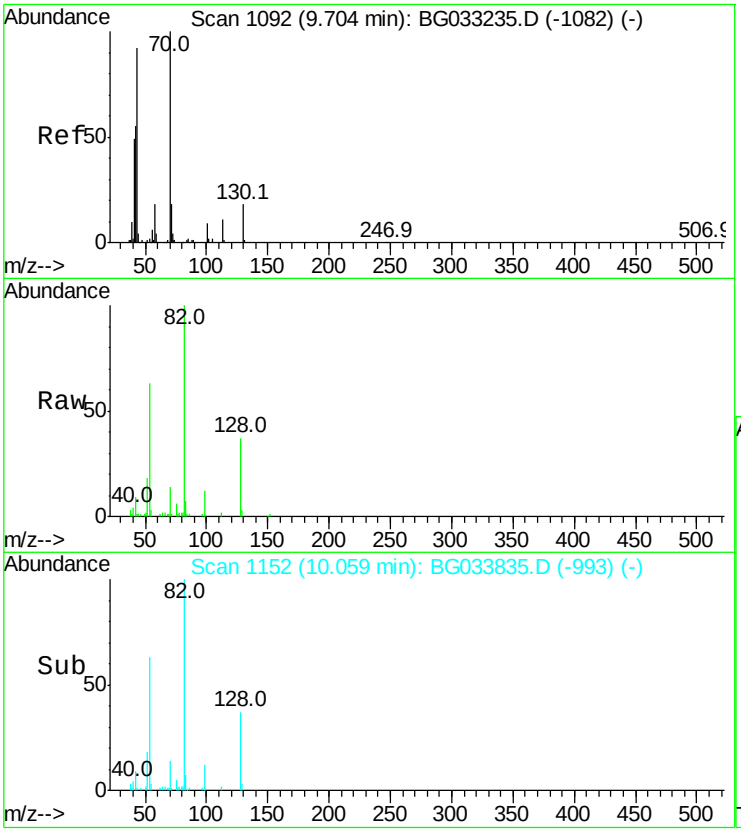


#15
Benzyl Alcohol
Concen: 2.254 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.08 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Tgt Ion: 79 Resp: 3380

Ion	Ratio	Lower	Upper
79	100		
108	39.4	57.2	85.8#
77	105.2	46.1	69.1#



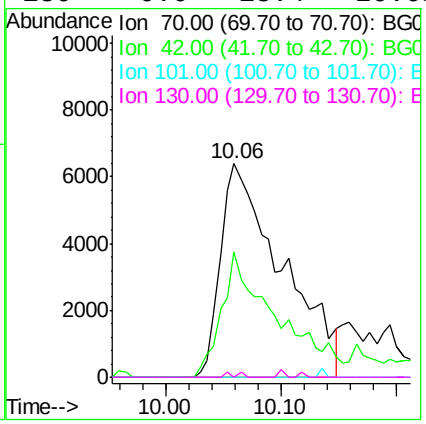


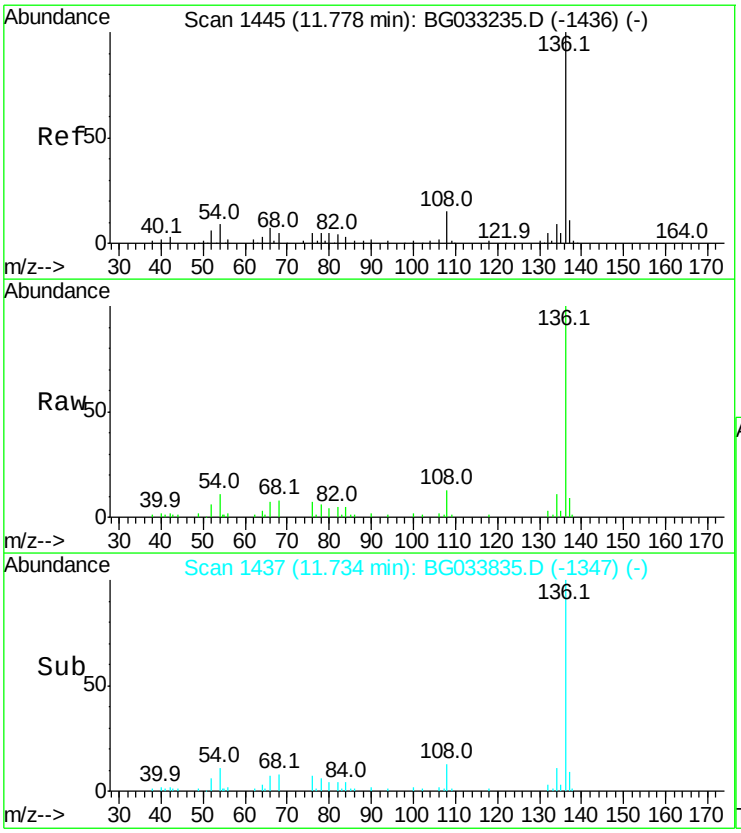
#19
n-Nitroso-di-n-propylamine
Concen: 16.936 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 23633

Ion	Ratio	Lower	Upper
70	100		
42	58.9	49.1	73.7
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#

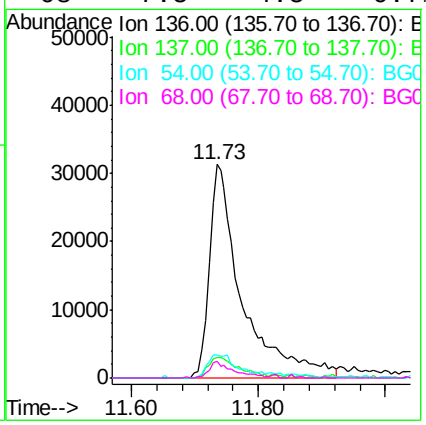


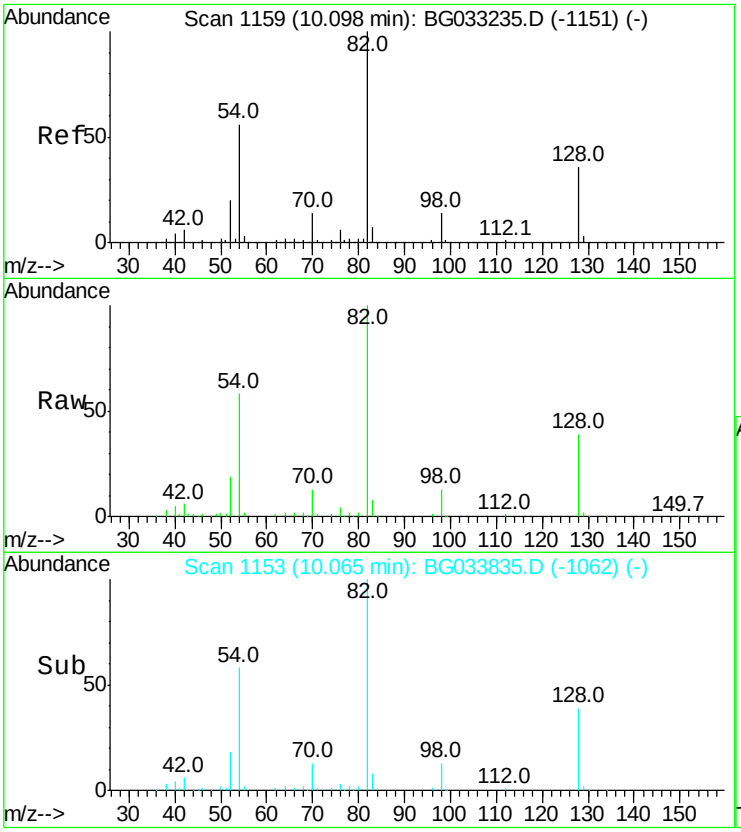


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Tgt Ion:136 Resp: 112655

Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	11.4	10.3	15.5
68	7.5	4.5	6.7#



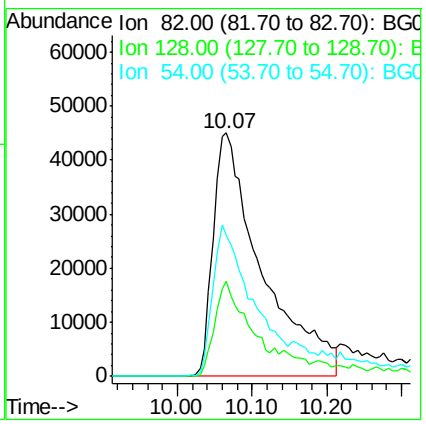


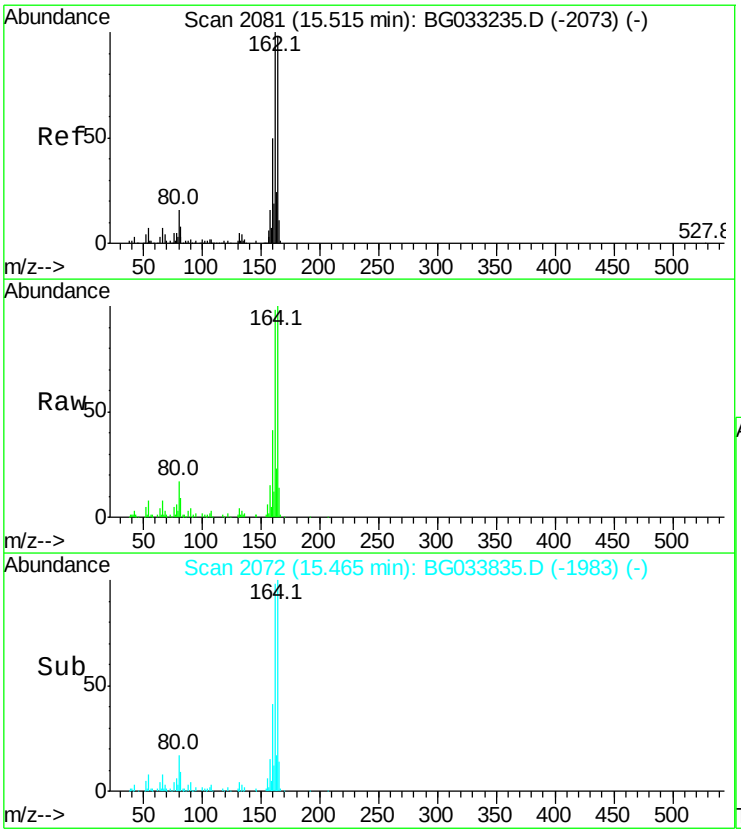
#23
Nitrobenzene-d5
Concen: 83.304 ng
RT: 10.07 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 204262

Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.7	44.5
54	58.2	43.1	64.7

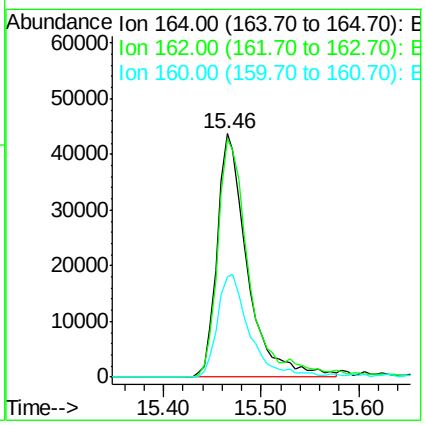


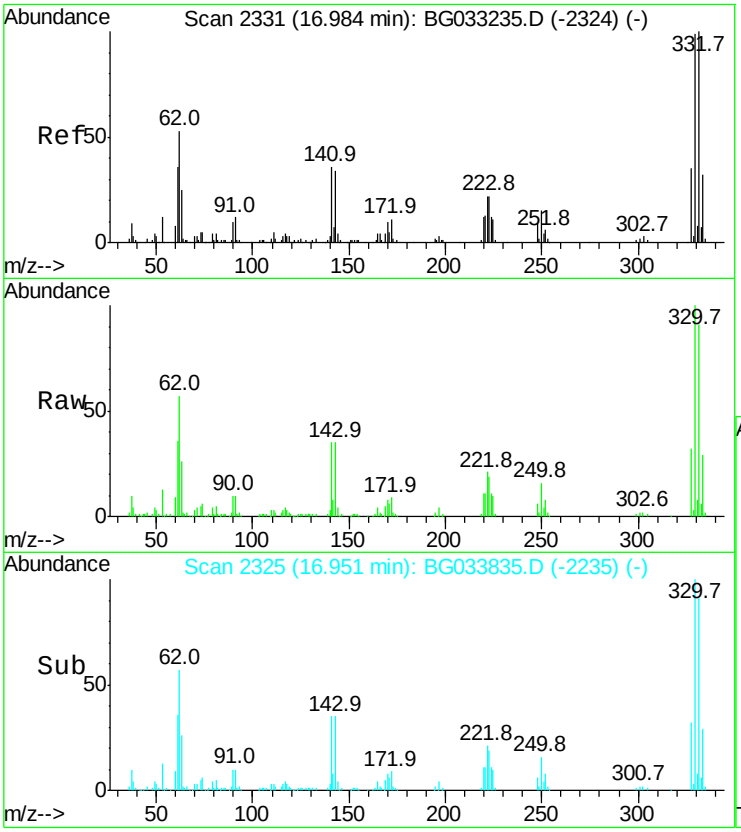


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Tgt Ion:164 Resp: 93863

Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.8	118.2
160	41.2	35.4	53.0



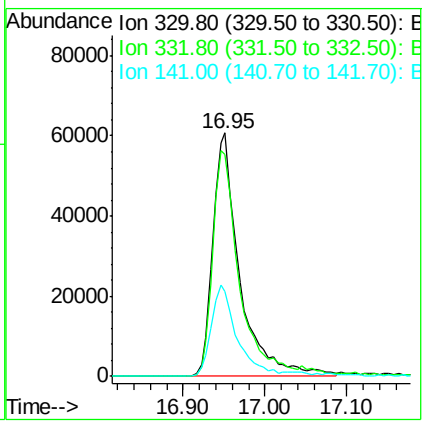


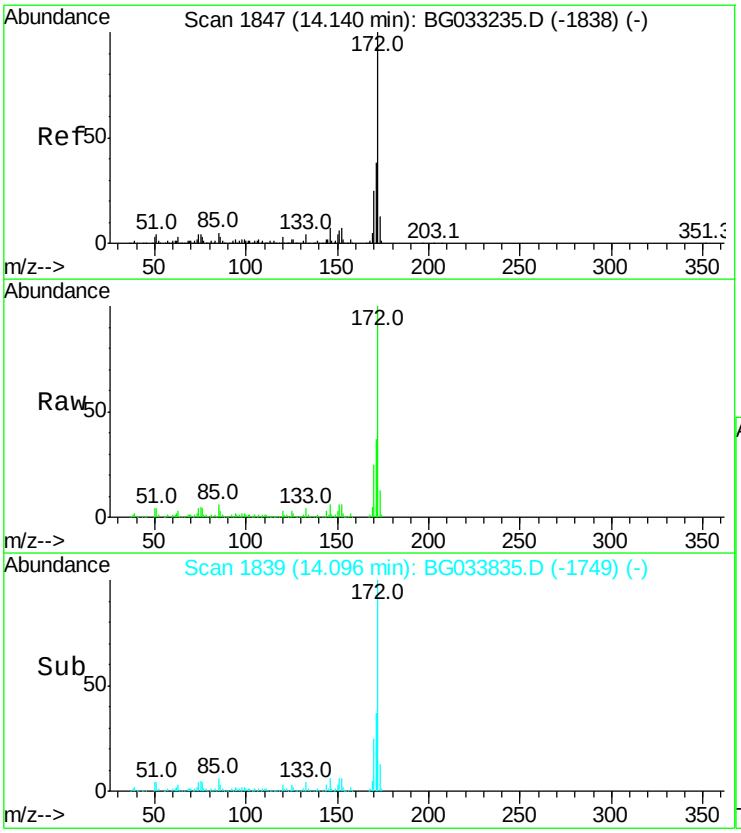
#41
2,4,6-Tribromophenol
Concen: 98.845 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 138762

Ion	Ratio	Lower	Upper
330	100		
332	91.3	77.0	115.6
141	36.2	25.2	37.8

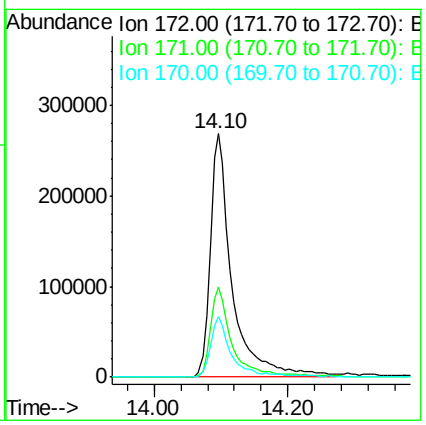


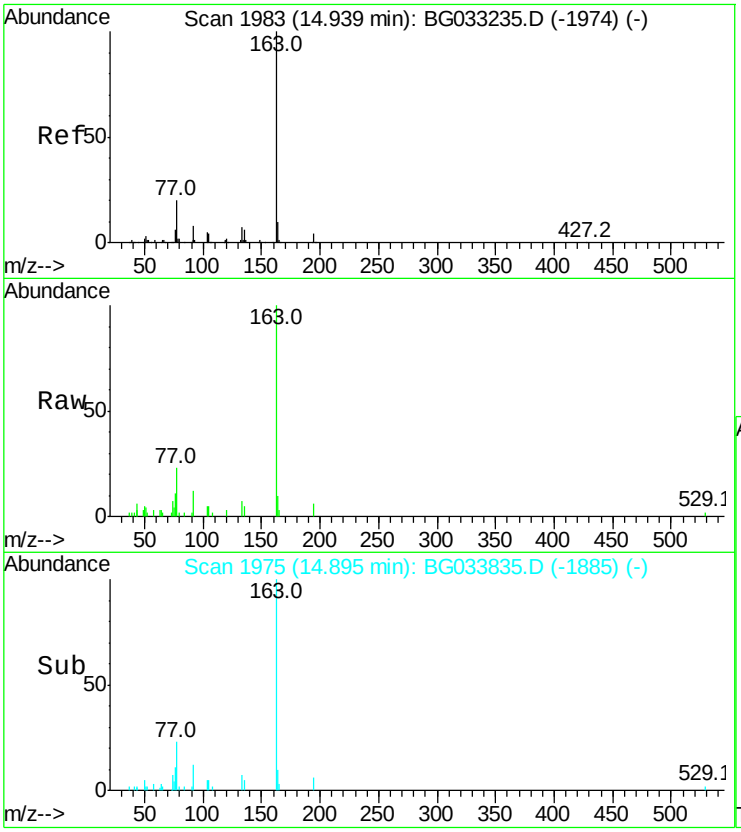


#44
2-Fluorobiphenyl
Concen: 94.878 ng
RT: 14.10 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Tgt Ion:172 Resp: 616882

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.7	19.5	29.3



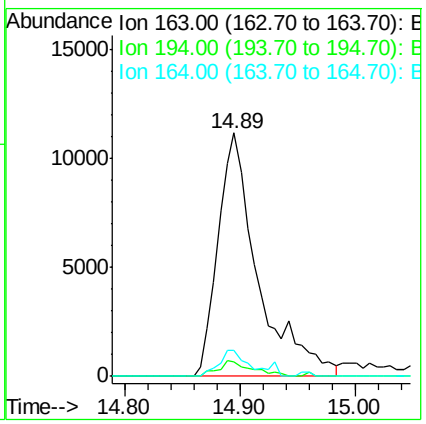


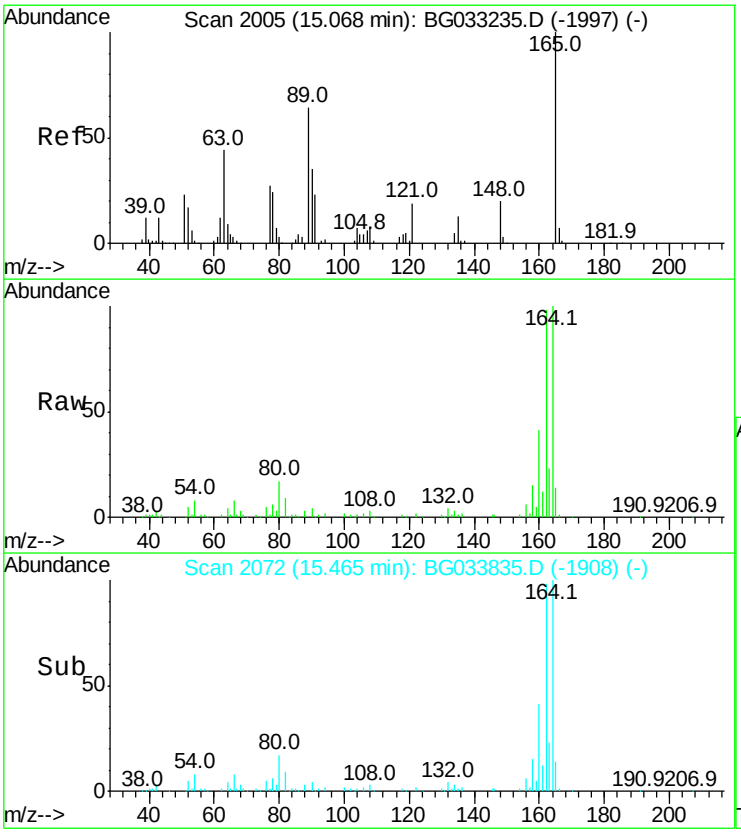
#49
Dimethylphthalate
Concen: 3.281 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 26805

Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.4	5.2#
164	10.5	8.2	12.4

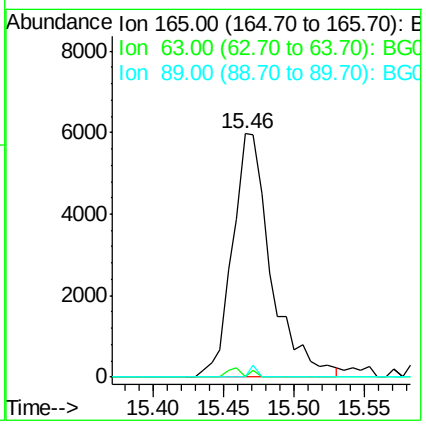


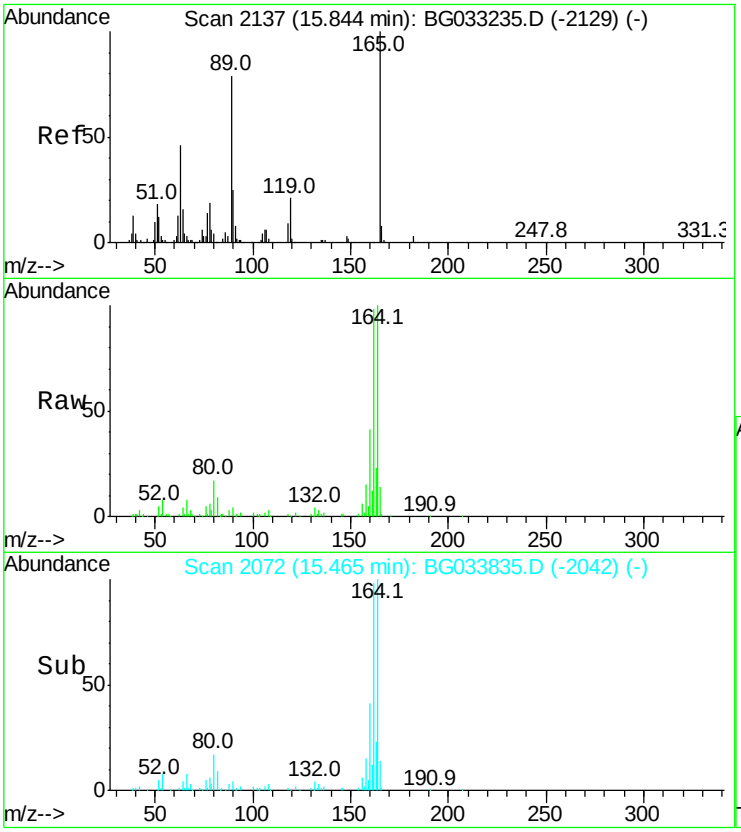


#50
2,6-Dinitrotoluene
Concen: 6.823 ng
RT: 15.46 min Scan# 2072
Delta R.T. 0.43 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Tgt Ion:165 Resp: 11396

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



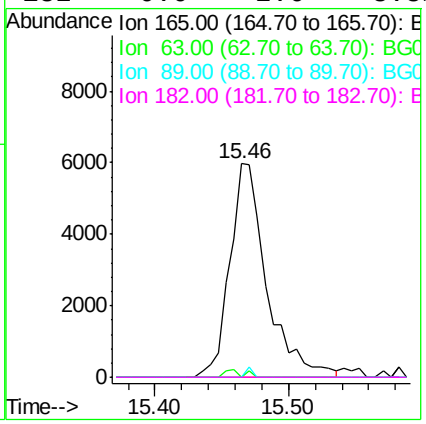


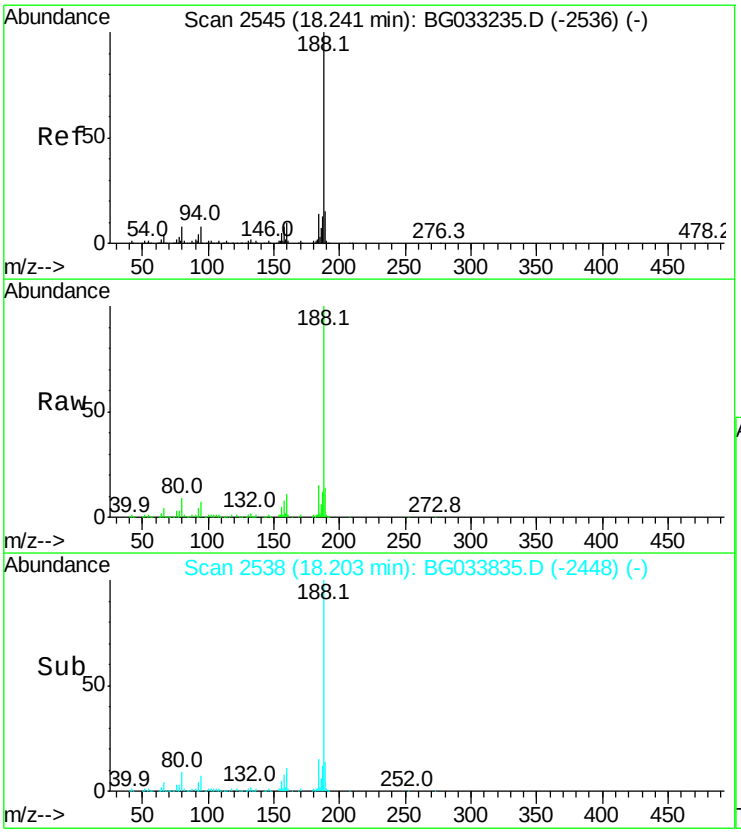
#56
2,4-Dinitrotoluene
Concen: 4.659 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.36 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11457

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#

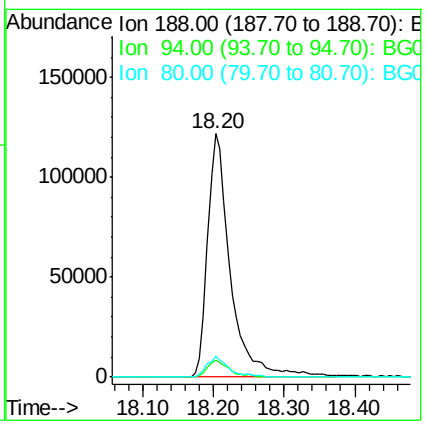


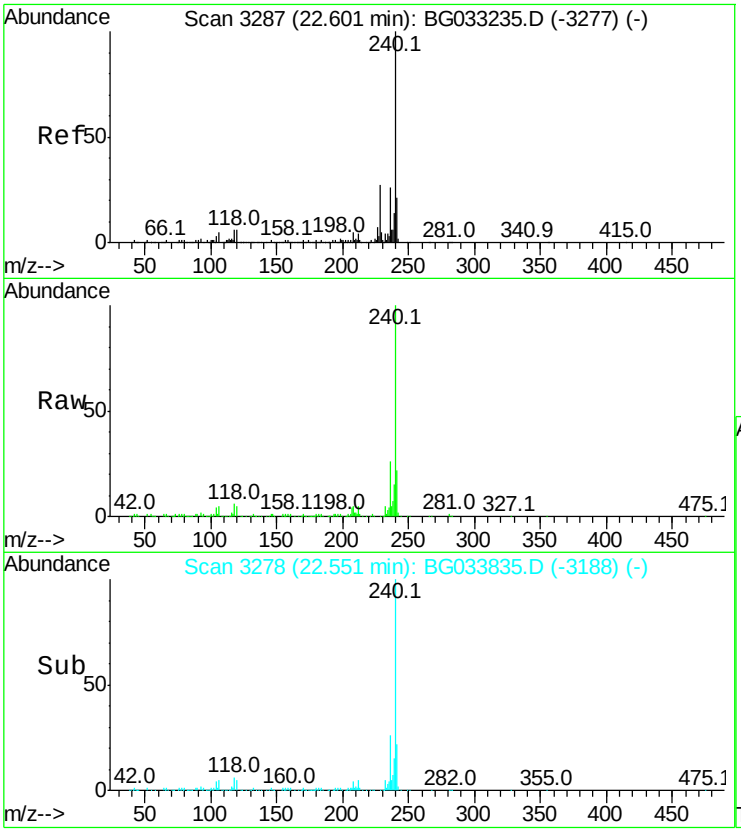


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Tgt Ion:188 Resp: 273989

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.5	7.7	11.5



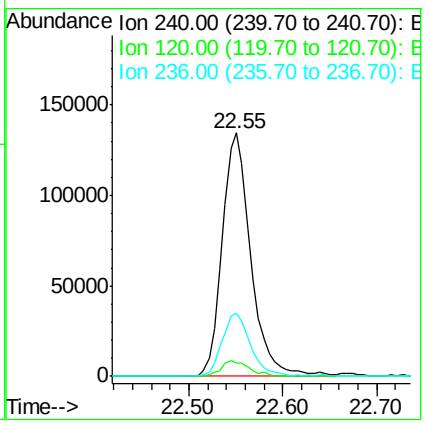


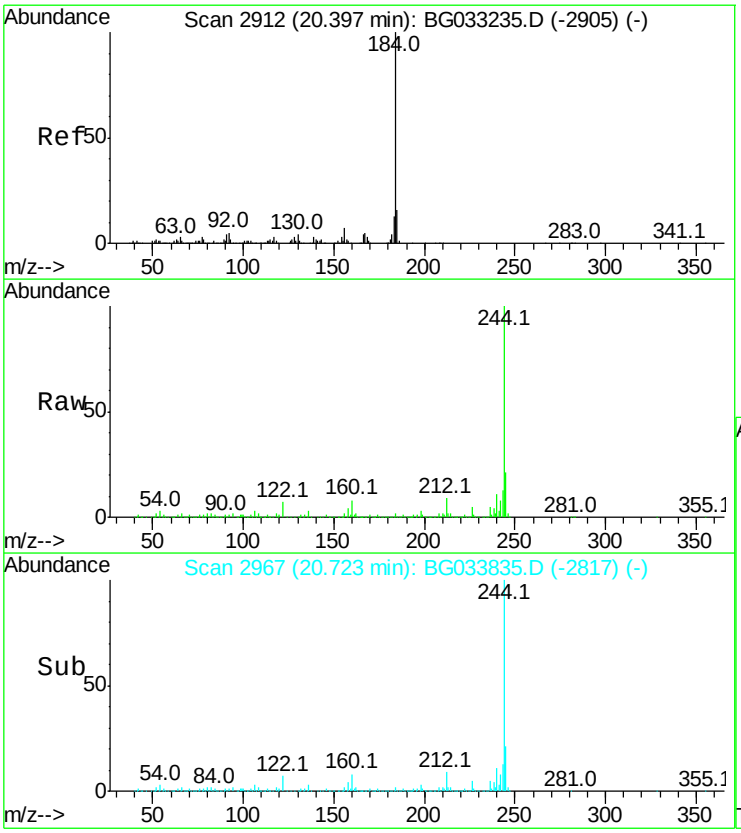
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 283968

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.8	10.2#
236	25.9	20.9	31.3

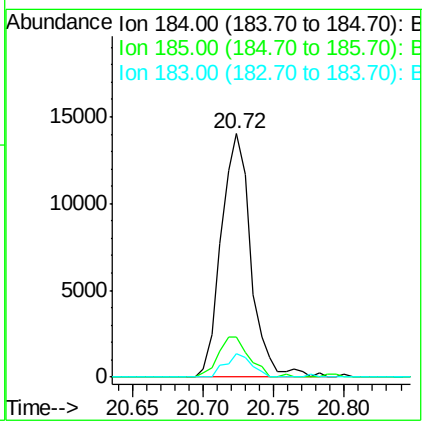


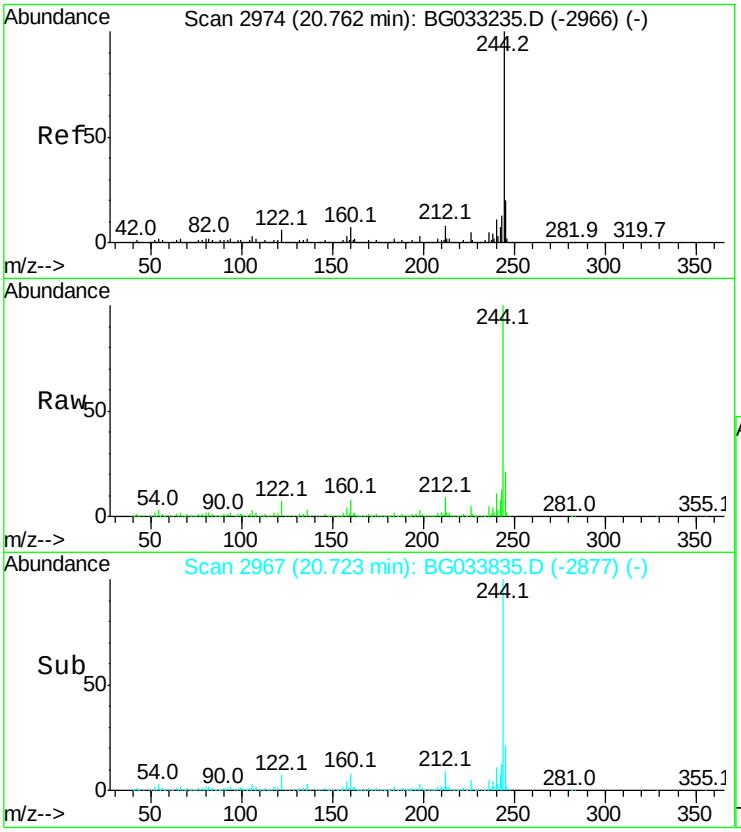


#76
Benzidine
Concen: 2.657 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.35 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Tgt Ion:184 Resp: 20460

Ion	Ratio	Lower	Upper
184	100		
185	16.3	11.1	16.7
183	9.8	10.6	16.0#



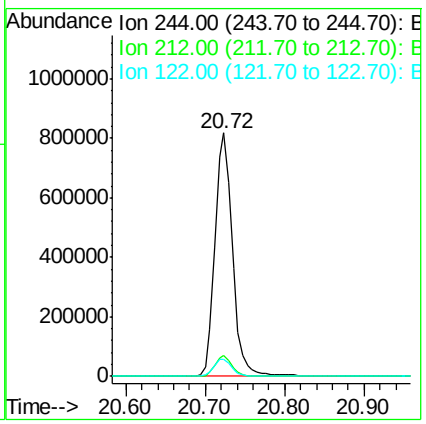


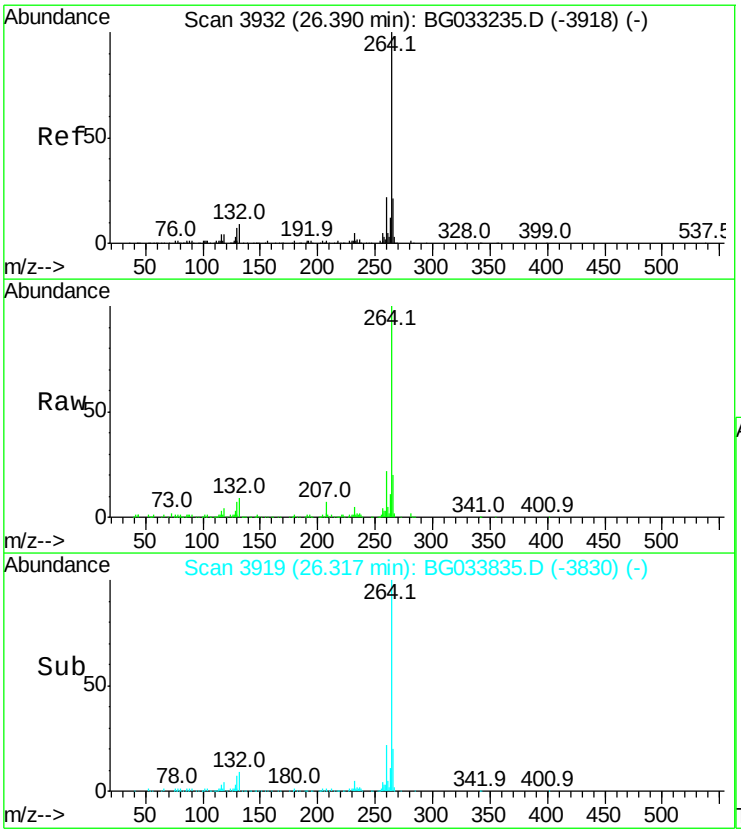
#78
Terphenyl-d14
Concen: 94.366 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1253015

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BG033835.D
Acq: 17 Apr 2018 4:09

Tgt Ion:264 Resp: 304630

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.4	26.0
265	19.8	17.7	26.5