Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
Data File : BG033778.D
Acq On : 12 Apr 2018 18:40
Operator : SJ/JU
Sample : J2162-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 13 02:21:30 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29076	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	130897	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	93760	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	274570	20.00	ng	0.00
75) Chrysene-d12	22.55	240	285107	20.00	ng	0.00
86) Perylene-d12	26.32	264	307935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	277564	179.00	ng	0.00
7) Phenol-d6	7.97	99	400499	150.32	ng	0.00
23) Nitrobenzene-d5	10.05	82	278090	97.61	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	219662	156.65	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	642509	98.93	ng	0.00
78) Terphenyl-d14	20.73	244	1439404	107.97	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.19	79	4728	2.254	ng	# 45
19) n-Nitroso-di-n-propylamine	10.05	70	39549	20.258	ng	# 74
50) 2,6-Dinitrotoluene	15.48	165	11904	7.135	ng	# 24
56) 2,4-Dinitrotoluene	15.48	165	11904	4.846	ng	# 22
66) 4-Bromophenyl-phenylether	16.94	248	17147	5.318	ng	# 1
76) Benzidine	20.37	184	68118	8.810	ng	# 96

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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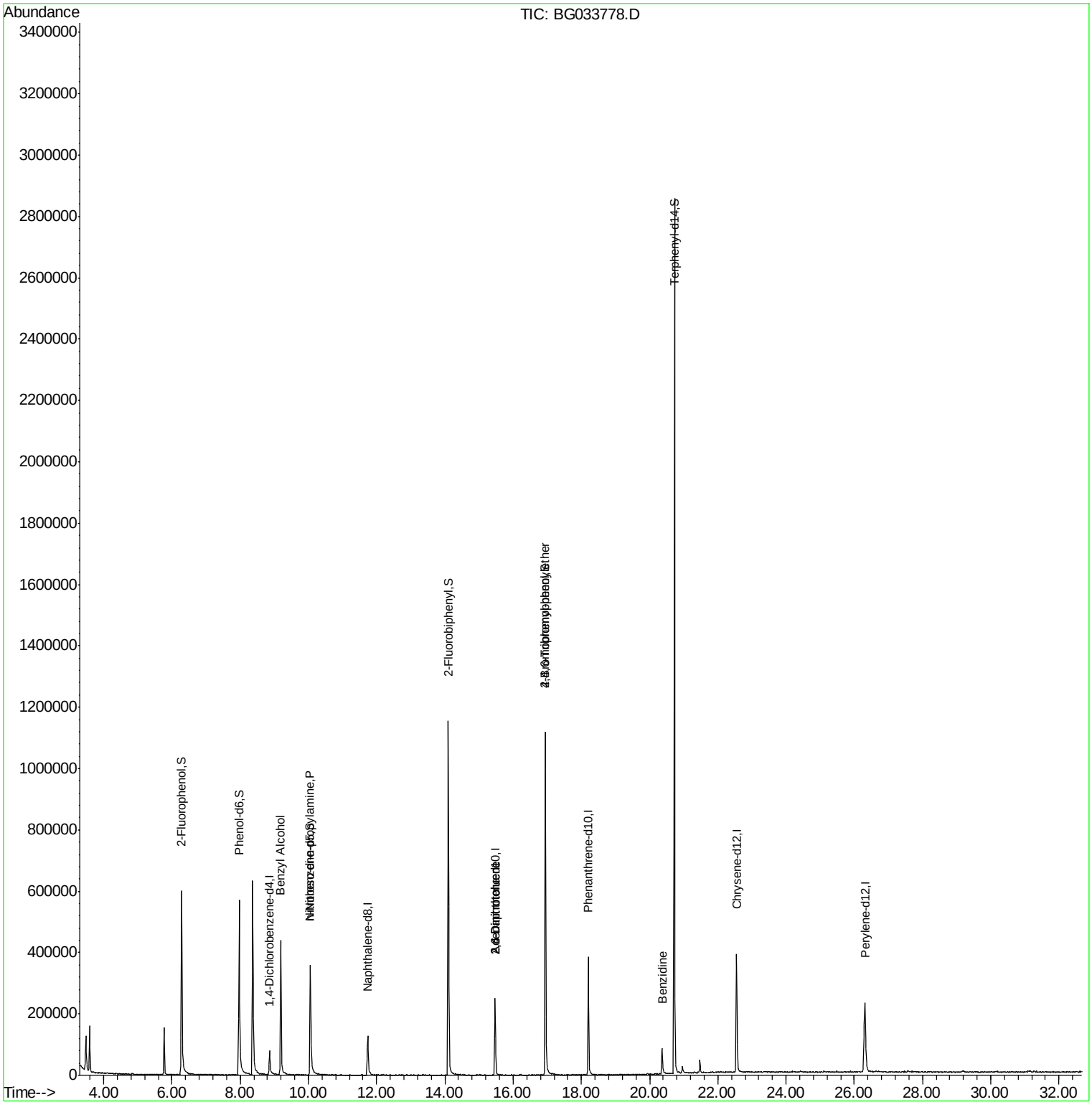
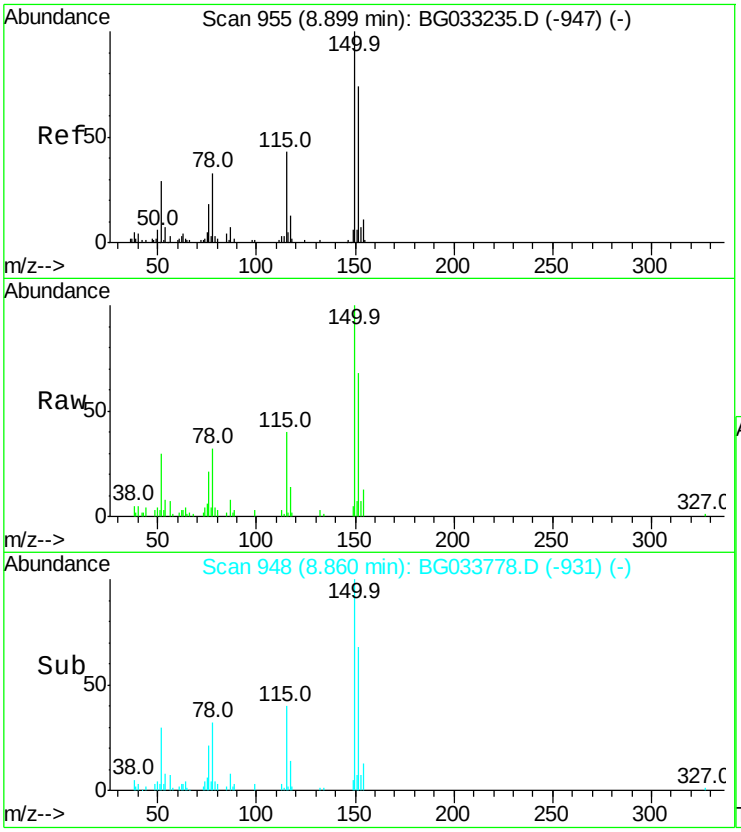
Response via : Initial Calibration



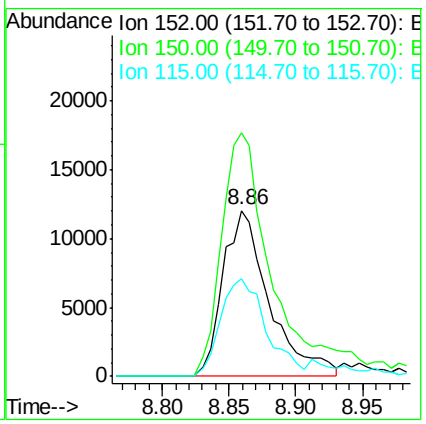


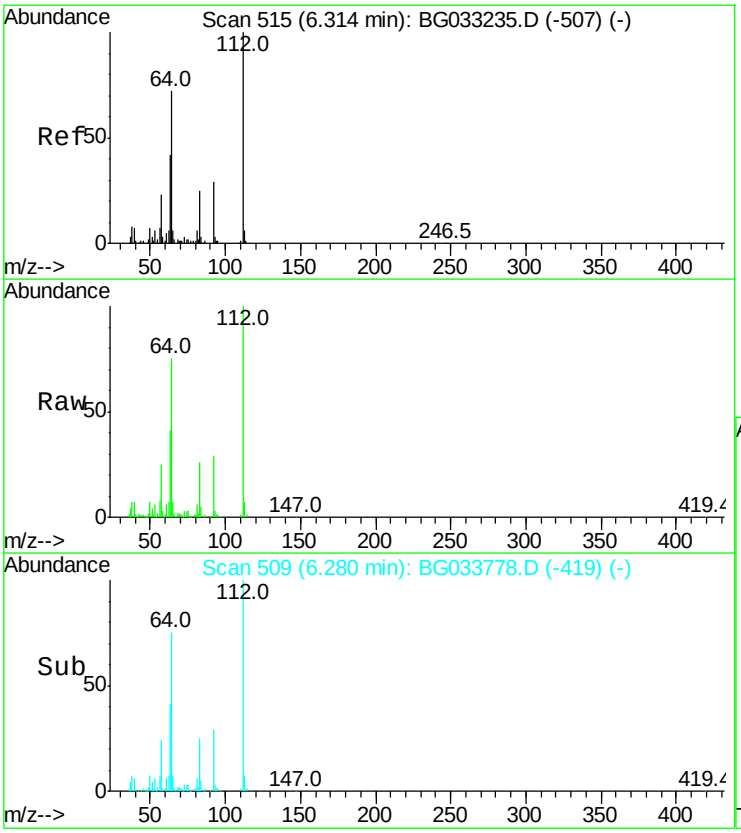
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 29076

Ion	Ratio	Lower	Upper
152	100		
150	146.8	126.6	189.8
115	58.9	53.0	79.4

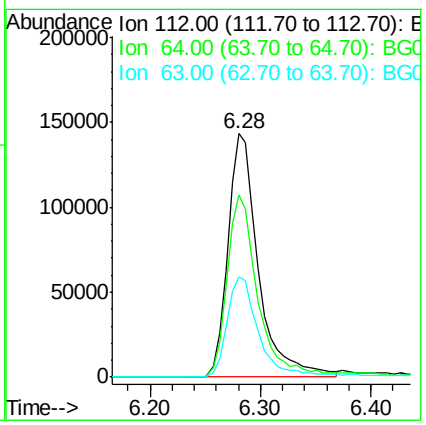


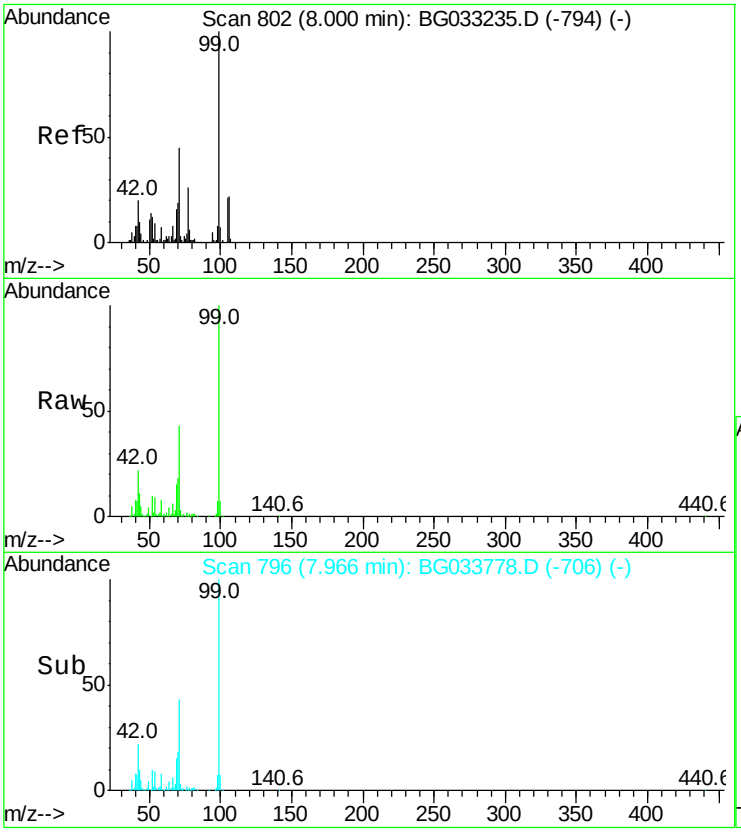


#5
2-Fluorophenol
Concen: 179.002 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.00 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Tgt Ion:112 Resp: 277564

Ion	Ratio	Lower	Upper
112	100		
64	74.7	56.3	84.5
63	41.0	30.1	45.1



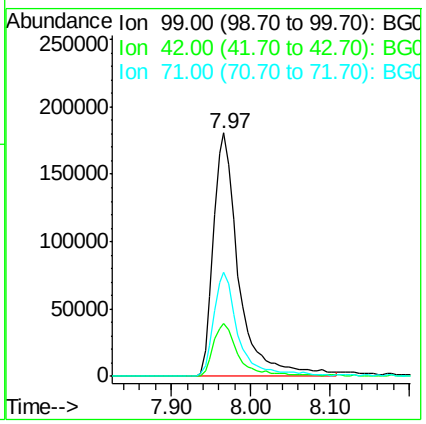


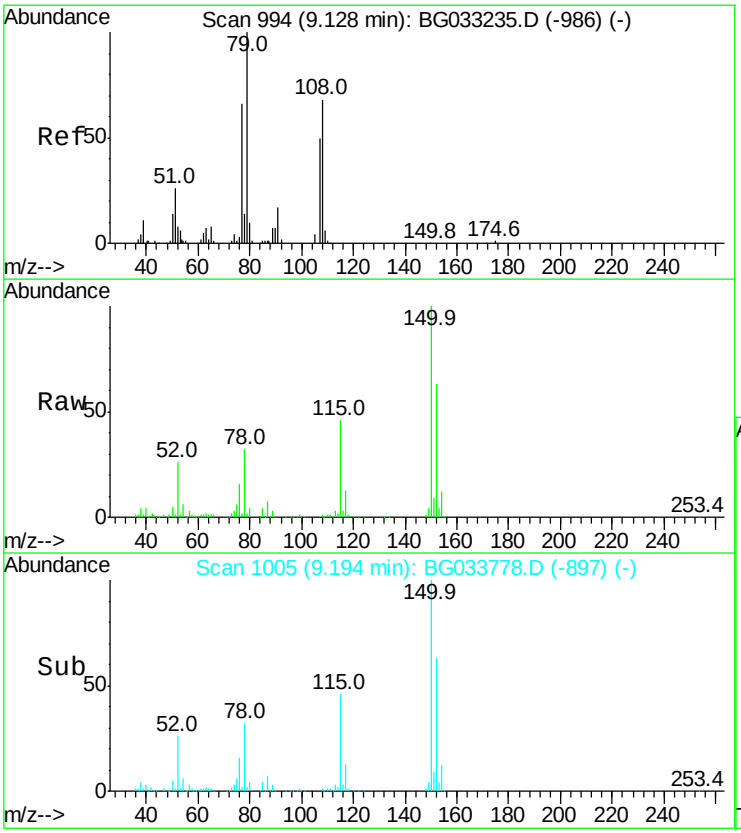
#7
Phenol-d6
Concen: 150.321 ng
RT: 7.97 min Scan# 796
Delta R.T. -0.00 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 400499

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.1	21.1#
71	42.7	26.1	39.1#

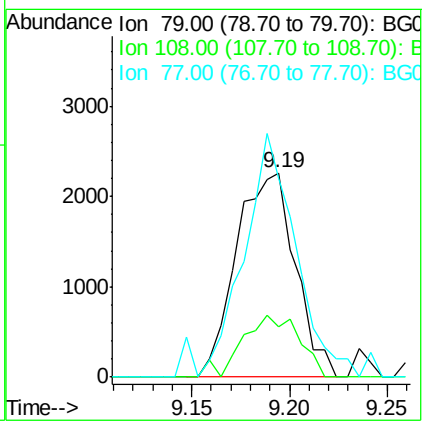


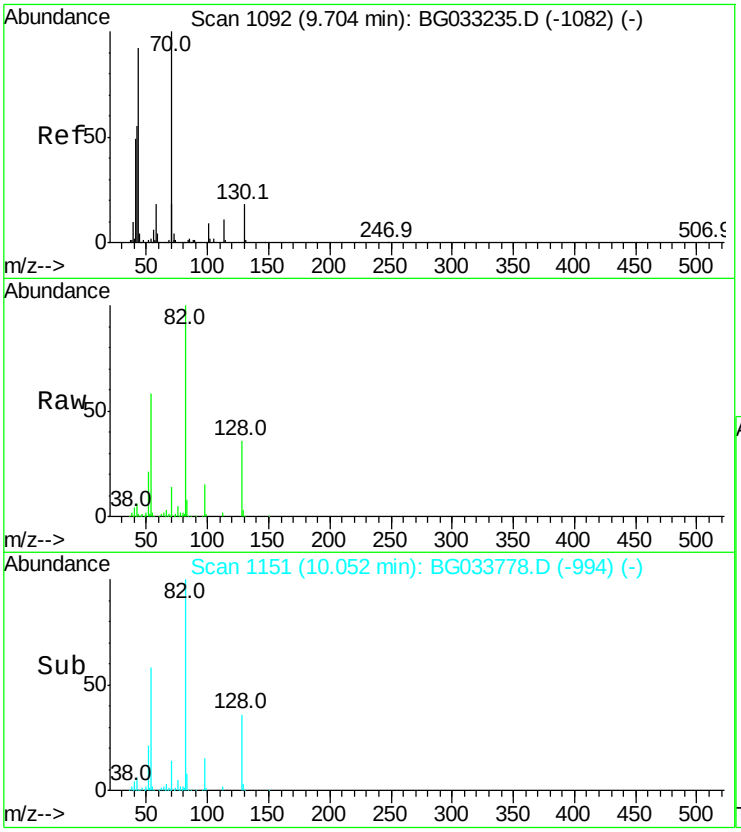


#15
Benzyl Alcohol
Concen: 2.254 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.10 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Tgt Ion: 79 Resp: 4728

Ion	Ratio	Lower	Upper
79	100		
108	24.8	57.2	85.8#
77	97.1	46.1	69.1#



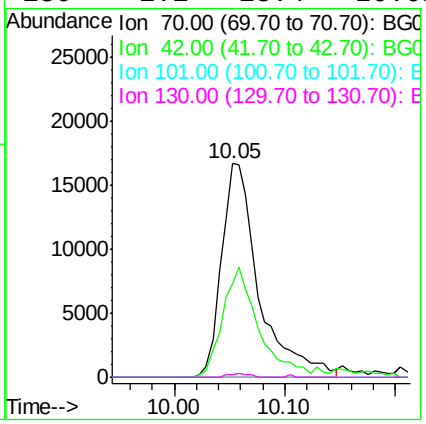


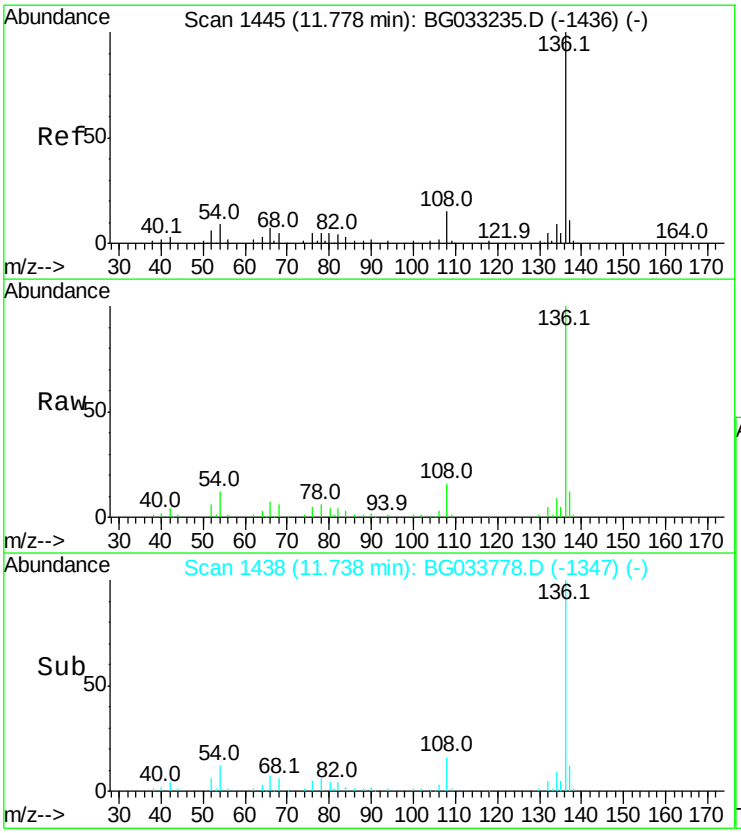
#19
n-Nitroso-di-n-propylamine
Concen: 20.258 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 39549

Ion	Ratio	Lower	Upper
70	100		
42	43.6	49.1	73.7#
101	0.0	8.5	12.7#
130	1.1	13.4	20.0#

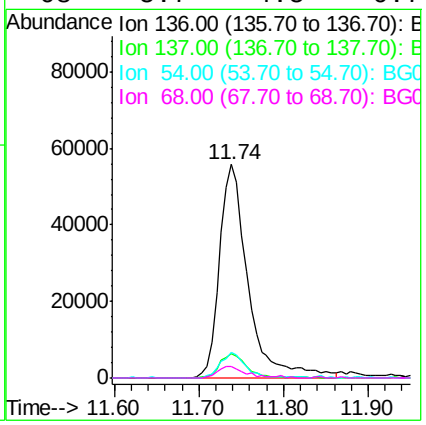


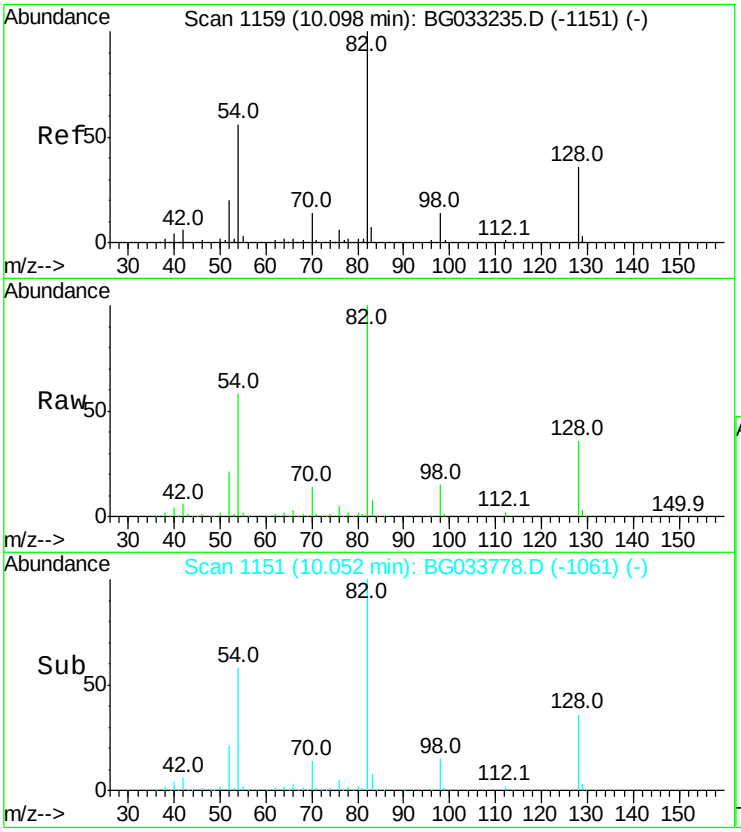


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Tgt Ion:136 Resp: 130897

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	12.2	10.3	15.5
68	5.7	4.5	6.7



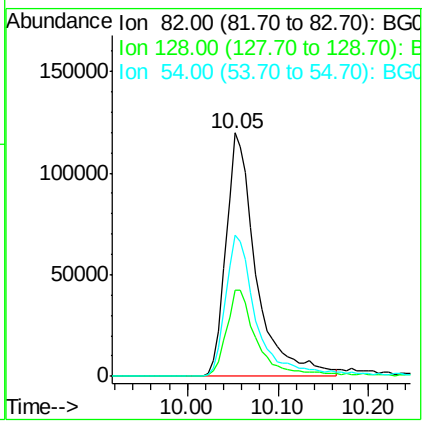


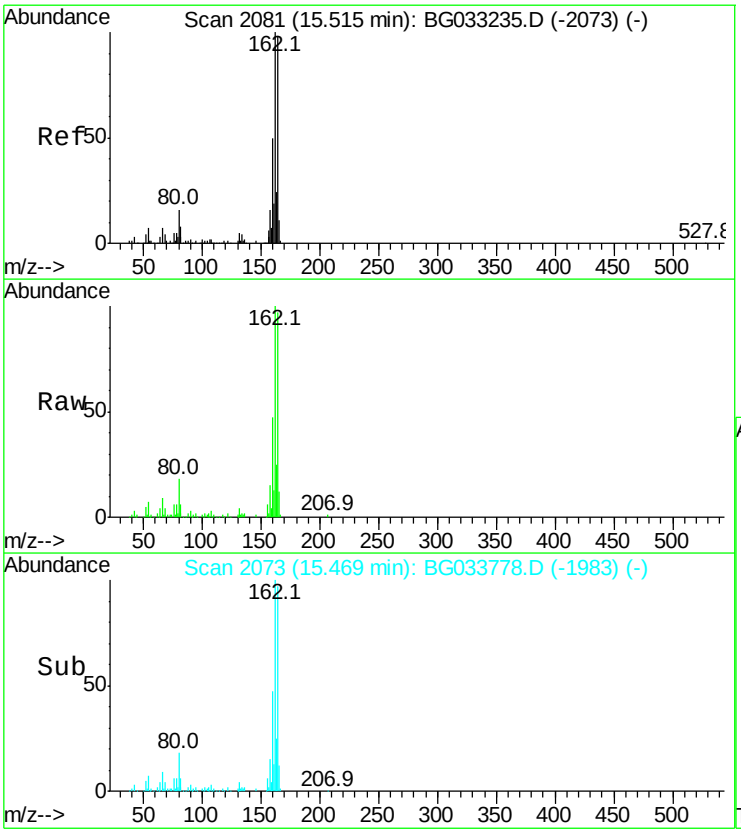
#23
Nitrobenzene-d5
Concen: 97.608 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 278090

Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.7	44.5
54	57.8	43.1	64.7

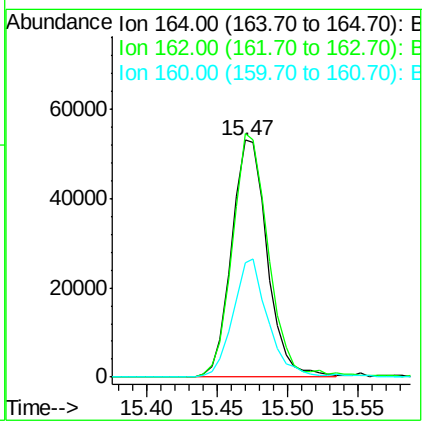


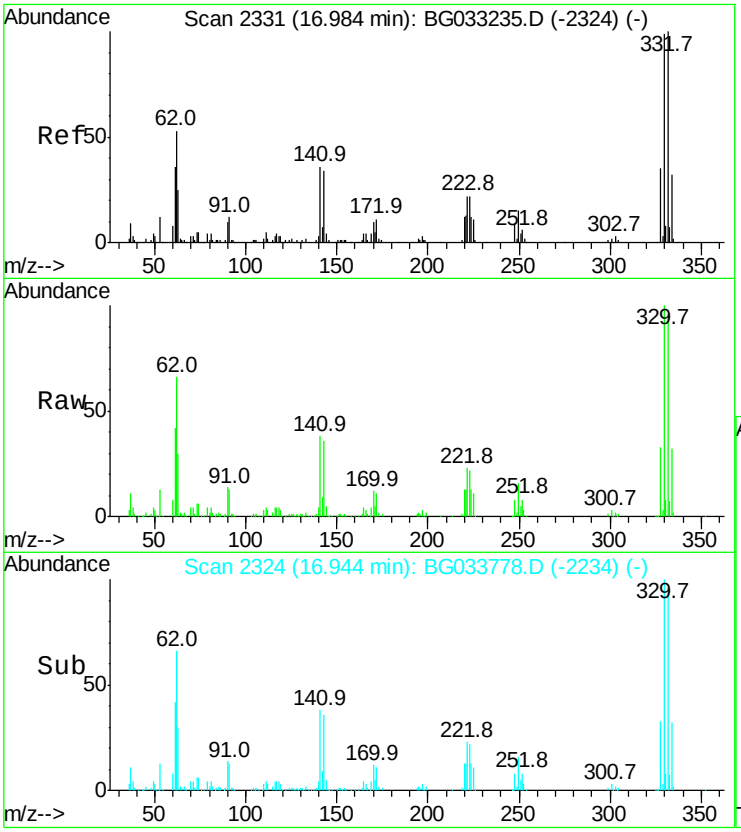


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Tgt Ion:164 Resp: 93760

Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	48.2	35.4	53.0



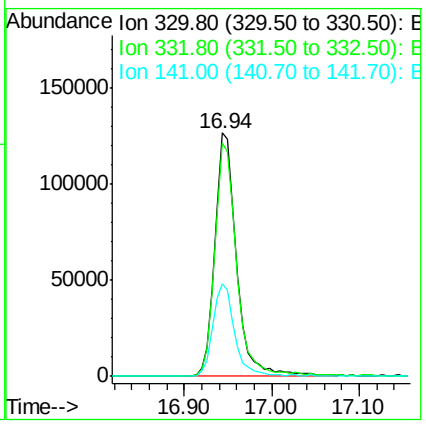


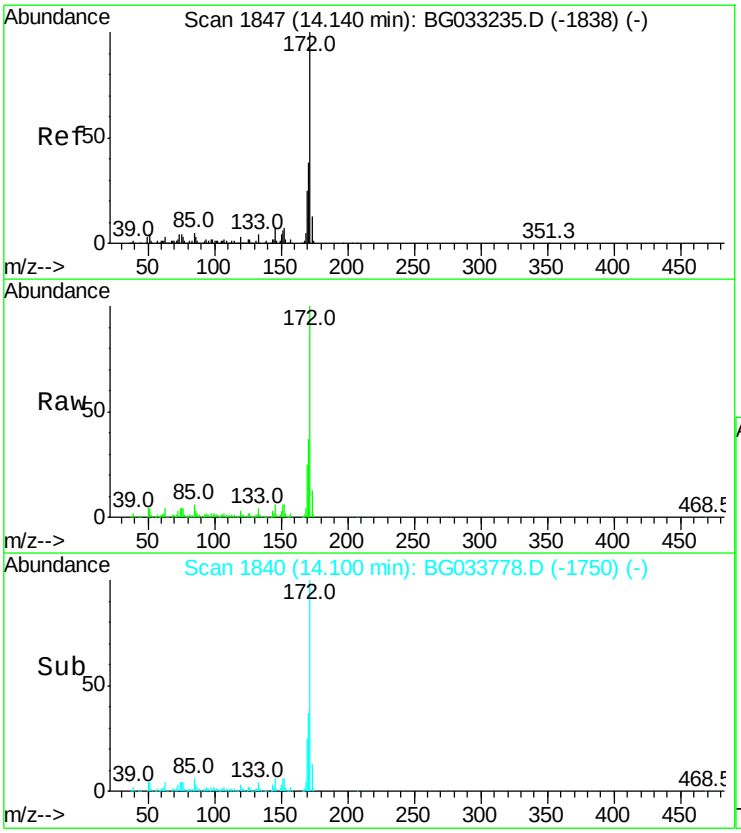
#41
2,4,6-Tribromophenol
Concen: 156.645 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 219662

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	37.8	25.2	37.8#

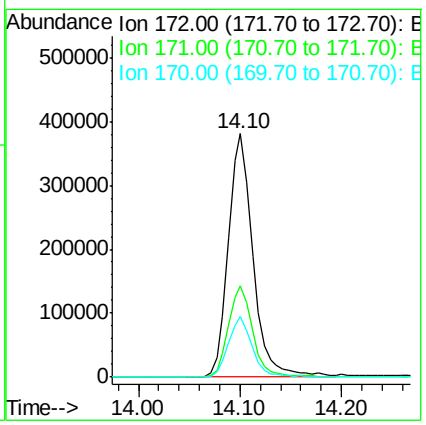


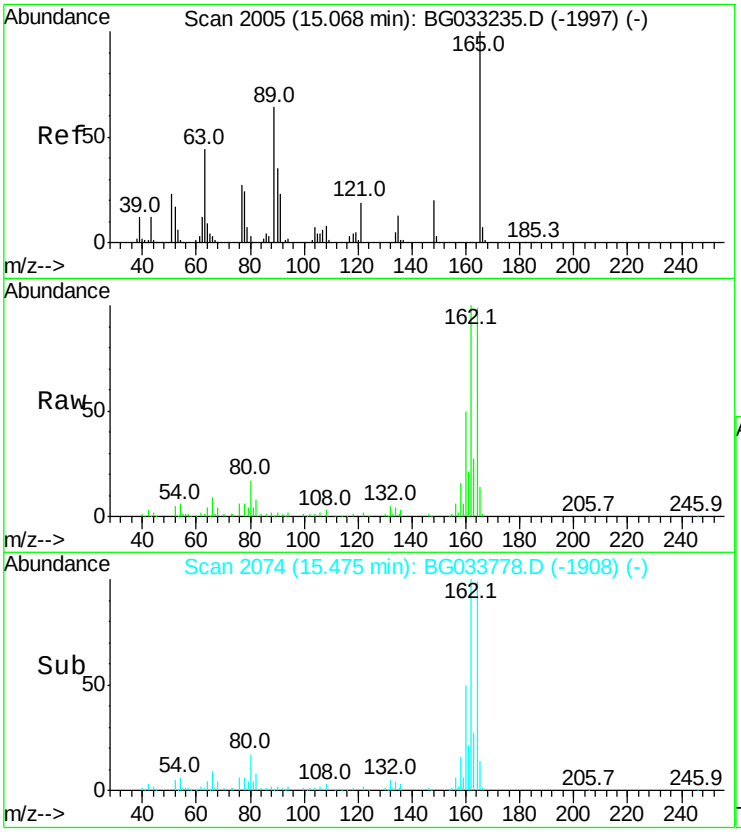


#44
2-Fluorobiphenyl
Concen: 98.928 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Tgt Ion:172 Resp: 642509

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	25.0	19.5	29.3



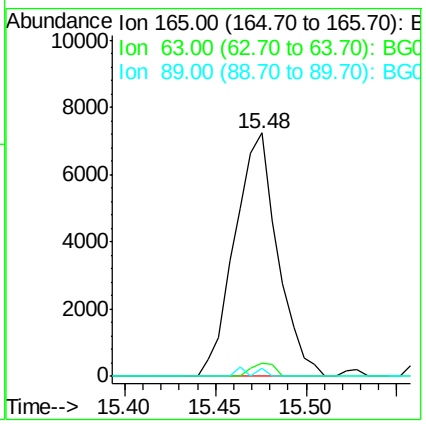


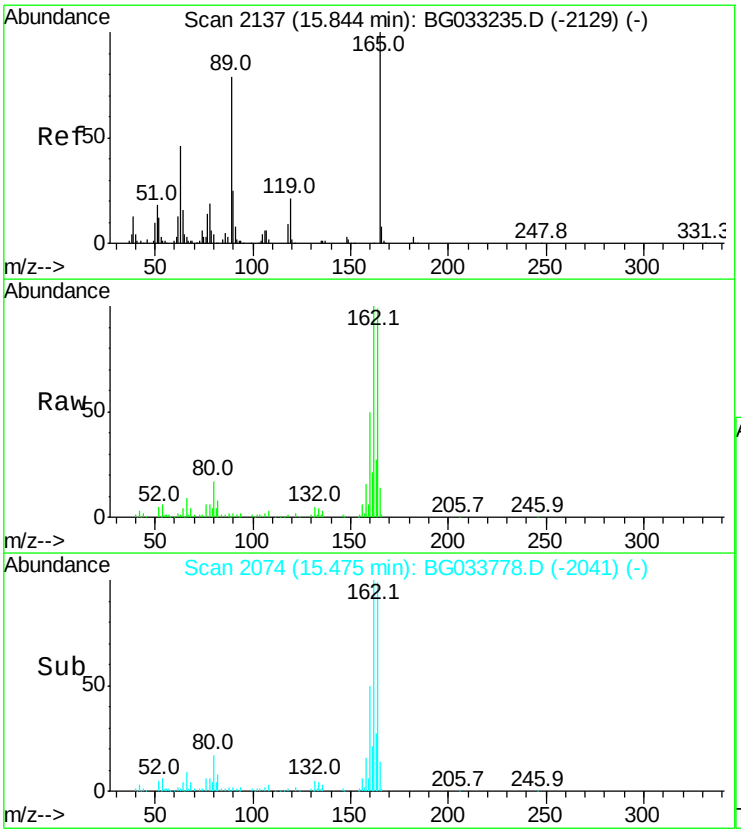
#50
2,6-Dinitrotoluene
Concen: 7.135 ng
RT: 15.48 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11904

Ion	Ratio	Lower	Upper
165	100		
63	5.5	52.7	79.1#
89	3.6	49.2	73.8#

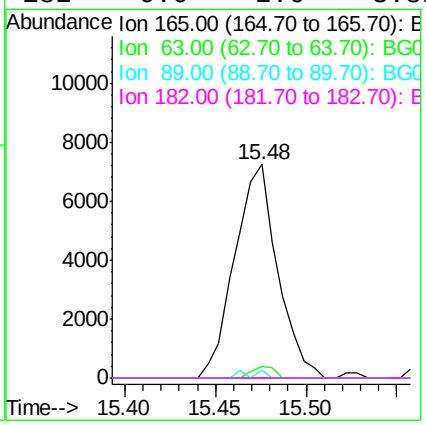


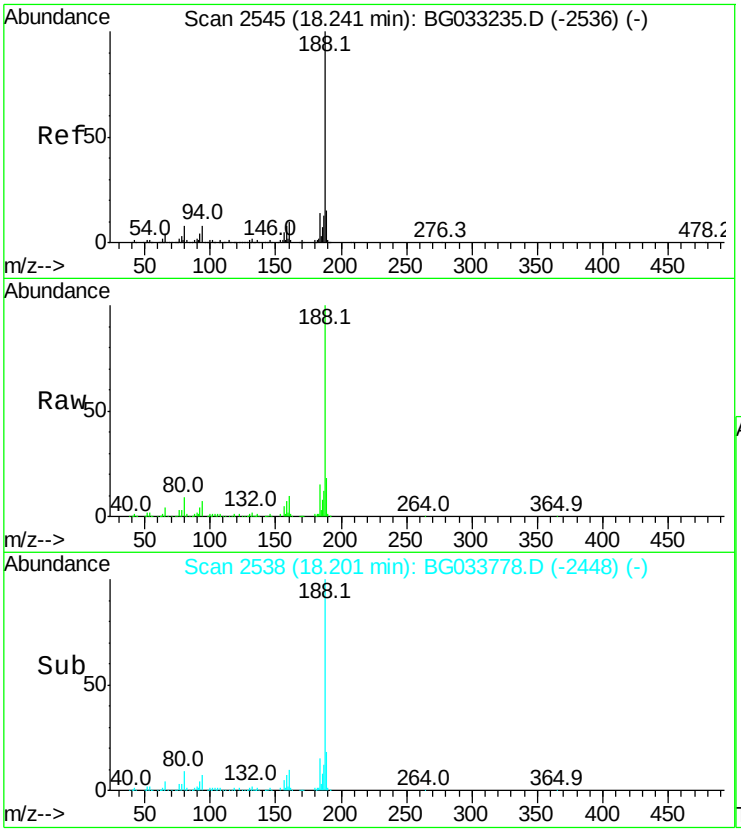


#56
2,4-Dinitrotoluene
Concen: 4.846 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Tgt Ion:165 Resp: 11904

Ion	Ratio	Lower	Upper
165	100		
63	5.5	42.0	63.0#
89	3.6	66.9	100.3#
182	0.0	2.6	3.8#



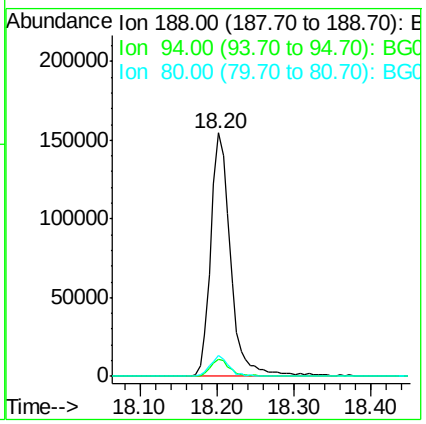


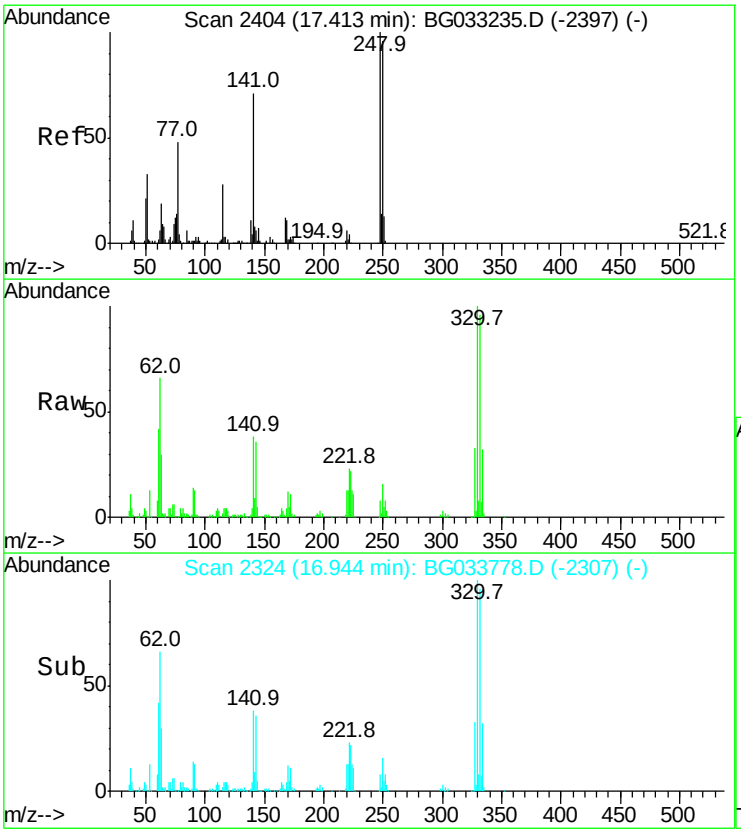
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 274570

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.8	7.7	11.5

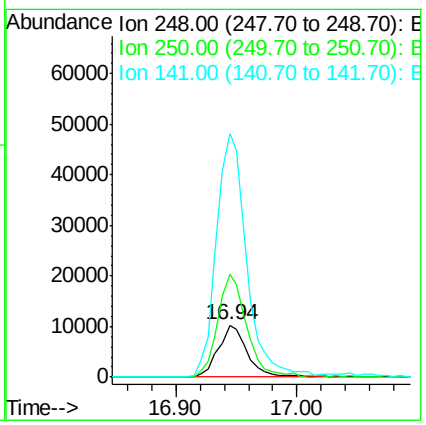


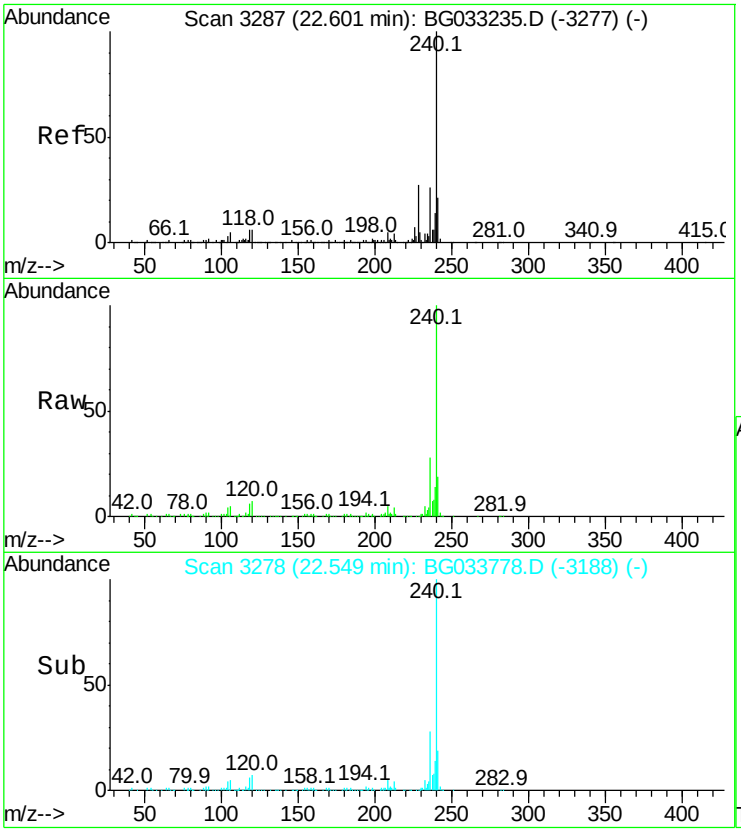


#66
4-Bromophenyl-phenylether
Concen: 5.318 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Tgt Ion:248 Resp: 17147

Ion	Ratio	Lower	Upper
248	100		
250	197.6	77.1	115.7#
141	468.6	50.8	76.2#



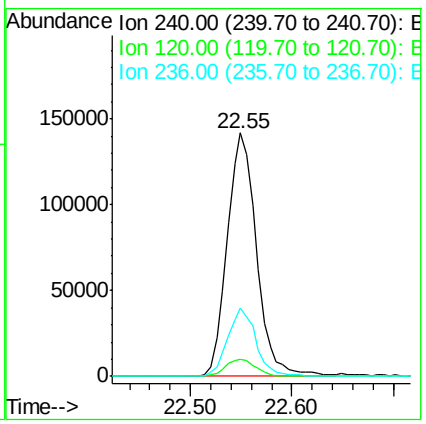


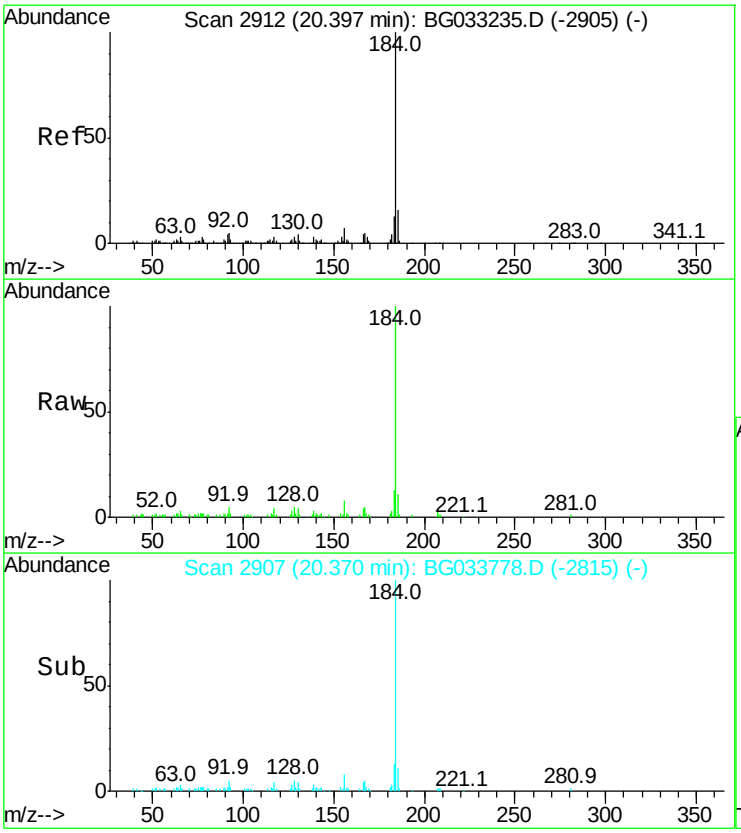
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 285107

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.8	10.2
236	28.0	20.9	31.3

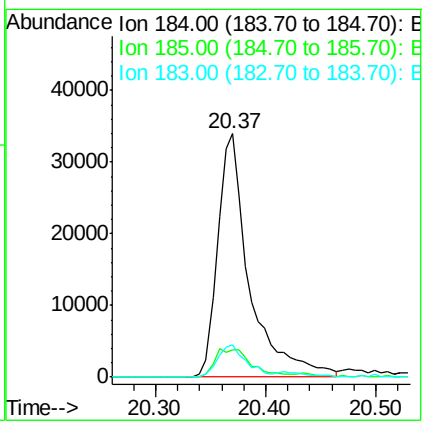


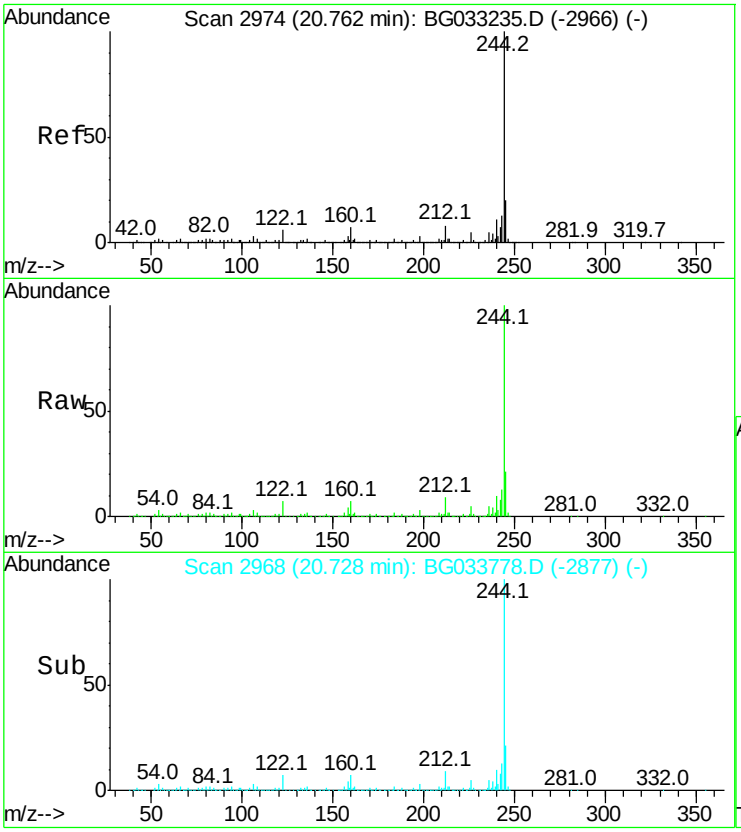


#76
Benzidine
Concen: 8.810 ng
RT: 20.37 min Scan# 2907
Delta R.T. 0.01 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Tgt Ion:184 Resp: 68118

Ion	Ratio	Lower	Upper
184	100		
185	11.1	11.1	16.7#
183	13.3	10.6	16.0



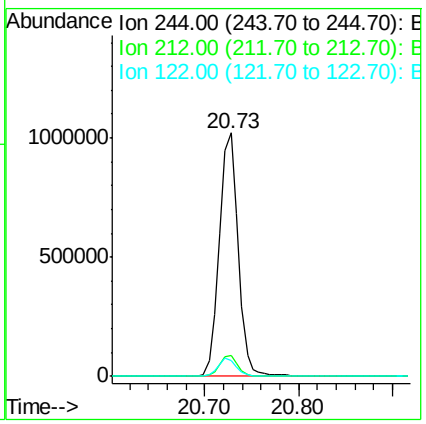


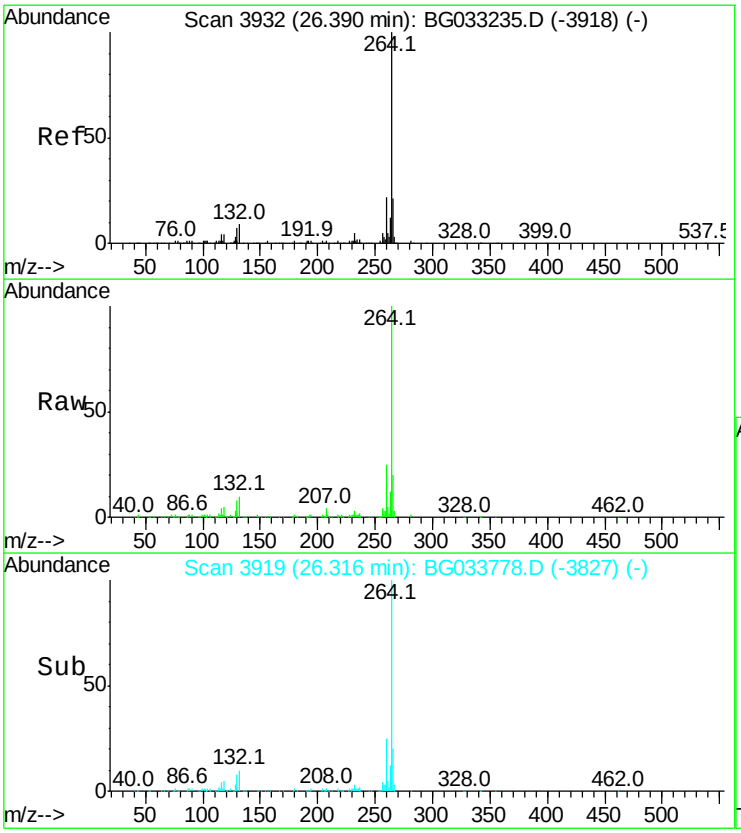
#78
Terphenyl-d14
Concen: 107.971 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033778.D
Acq: 12 Apr 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1439404

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	6.7	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: BG033778.D
Acq: 12 Apr 2018 18:40

Tgt Ion:264 Resp: 307935

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	20.4	17.7	26.5