Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033018\
Data File : BG033466.D
Acq On : 31 Mar 2018 2:24
Operator : SJ/JU
Sample : J2117-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 31 02:58:31 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30172	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	123367	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	100131	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	299799	20.00	ng	0.00
75) Chrysene-d12	22.55	240	325664	20.00	ng	0.00
86) Perylene-d12	26.33	264	336351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	239811	149.04	ng	0.00
7) Phenol-d6	7.98	99	312687	113.10	ng	0.00
23) Nitrobenzene-d5	10.07	82	267877	99.76	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	244833	163.49	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	664552	95.81	ng	0.00
78) Terphenyl-d14	20.73	244	1491517	97.95	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.19	79	4484	2.060	ng	# 65
19) n-Nitroso-di-n-propylamine	10.07	70	33897	16.732	ng	# 75
50) 2,6-Dinitrotoluene	15.48	165	12233	6.866	ng	# 21
53) 2,4-Dinitrophenol	15.08	184	62	7.704	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	12233	4.663	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	18885	5.364	ng	# 1
76) Benzidine	20.73	184	24564	2.781	ng	# 91

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

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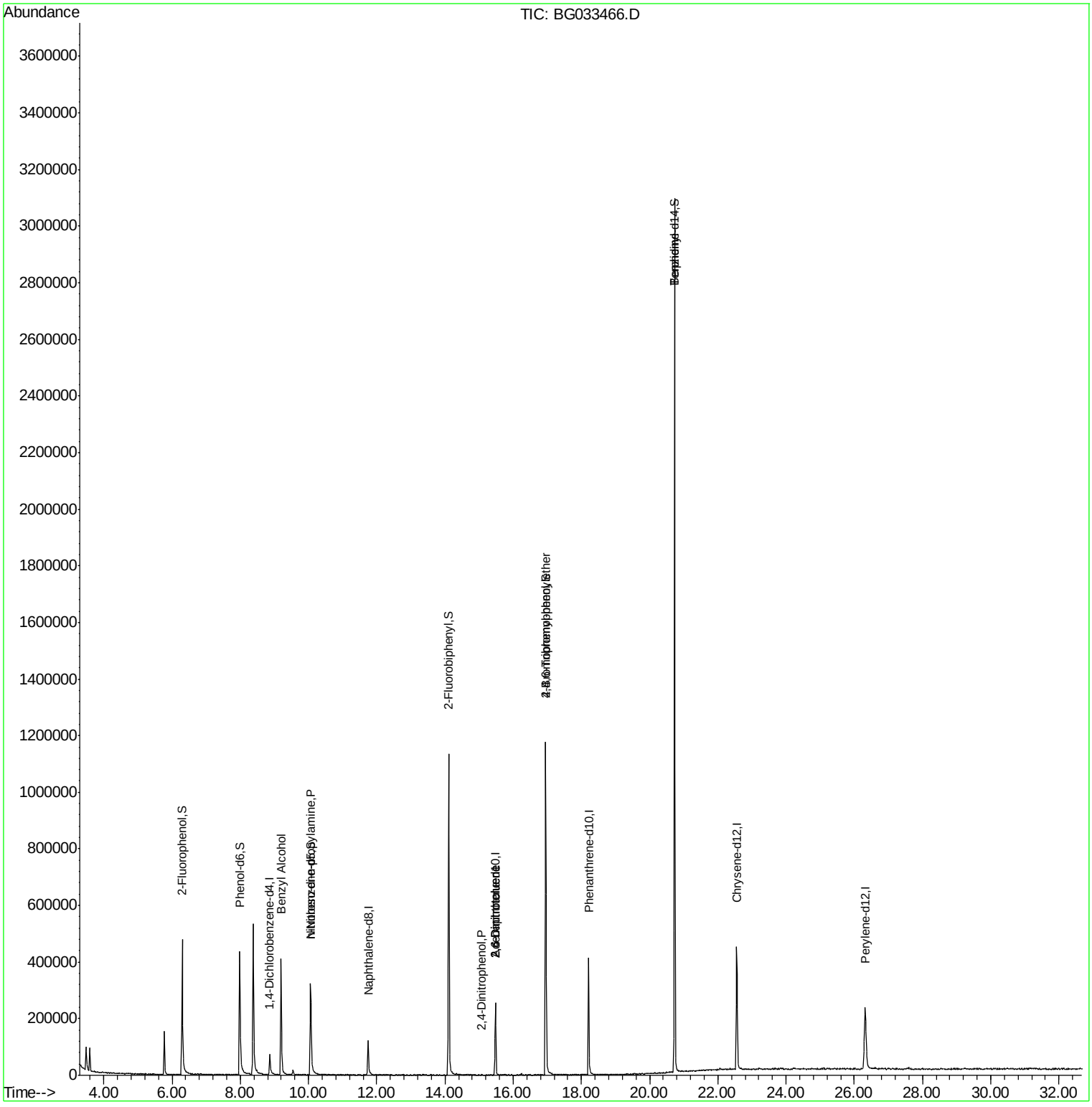
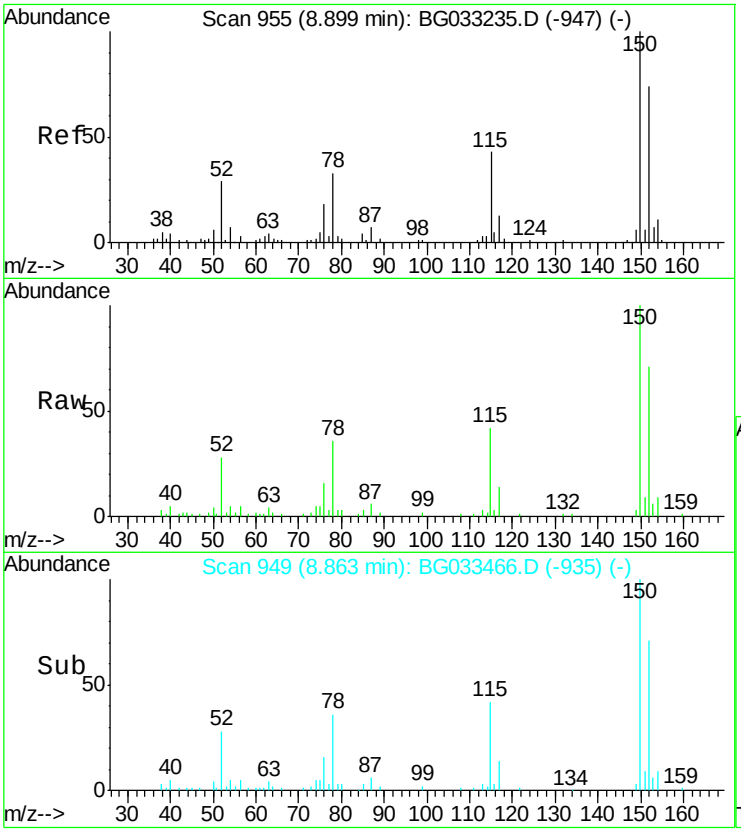


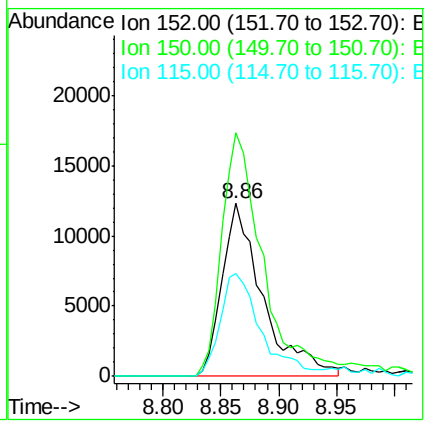


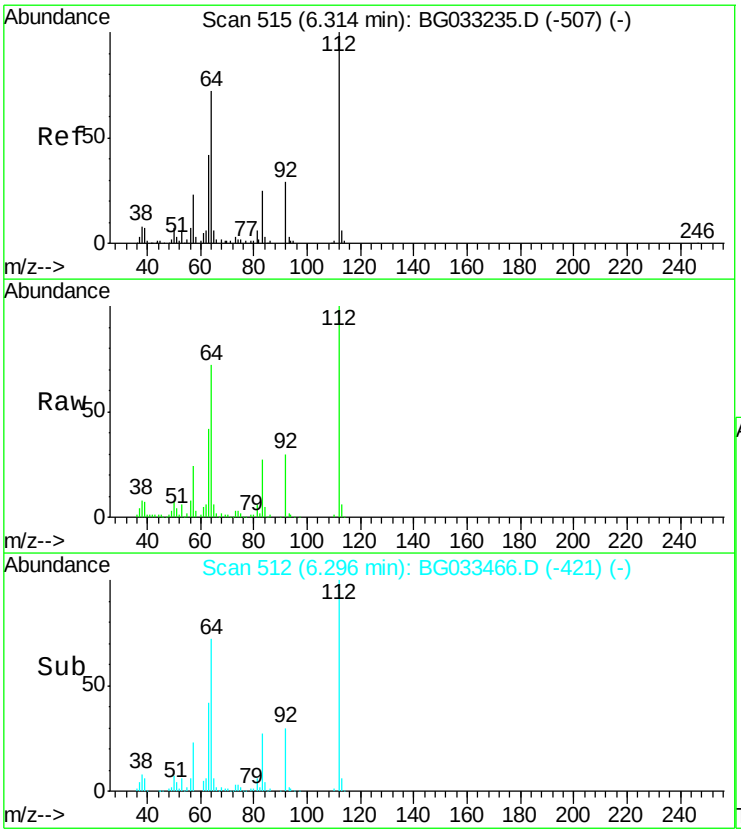
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30172

Ion	Ratio	Lower	Upper
152	100		
150	140.9	126.6	189.8
115	59.8	53.0	79.4

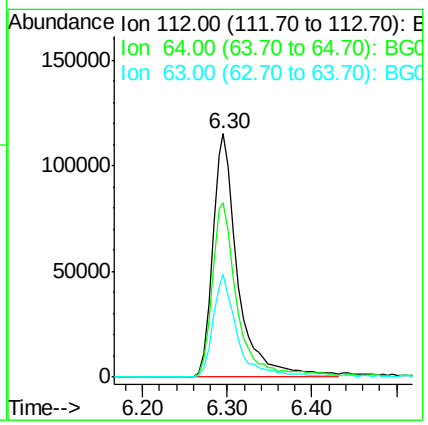


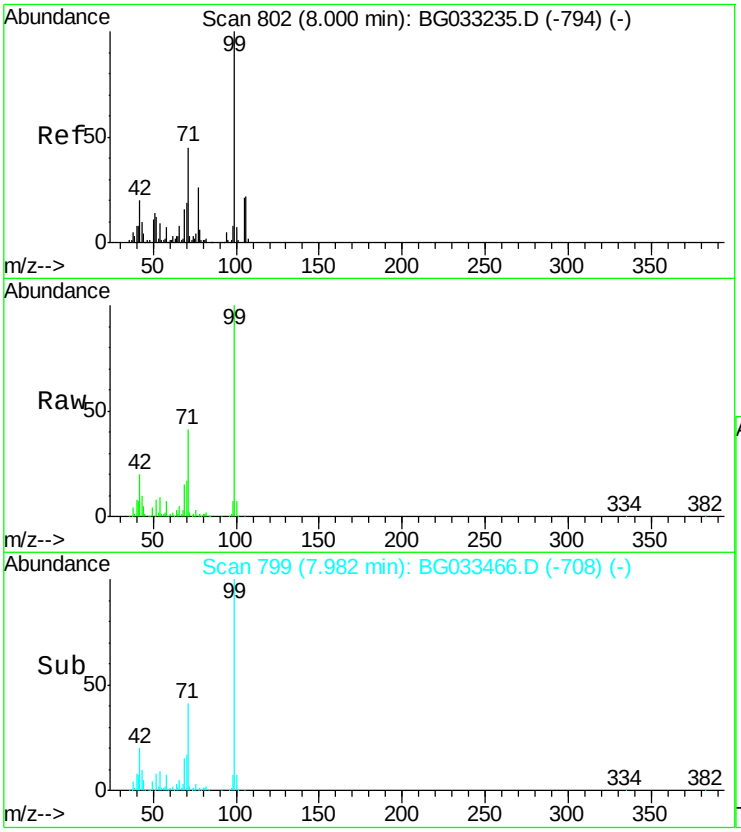


#5
2-Fluorophenol
Concen: 149.037 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Tgt Ion:112 Resp: 239811

Ion	Ratio	Lower	Upper
112	100		
64	71.9	56.3	84.5
63	42.0	30.1	45.1



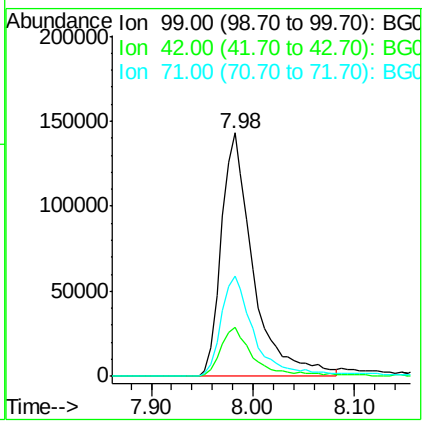


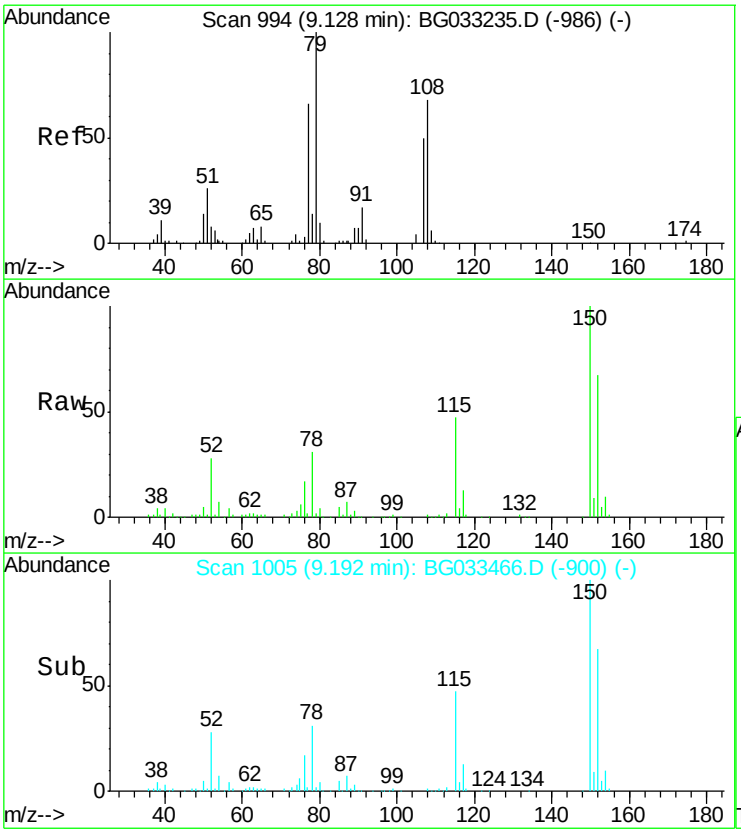
#7
Phenol-d6
Concen: 113.099 ng
RT: 7.98 min Scan# 799
Delta R.T. 0.00 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 312687

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.1	21.1
71	41.0	26.1	39.1#

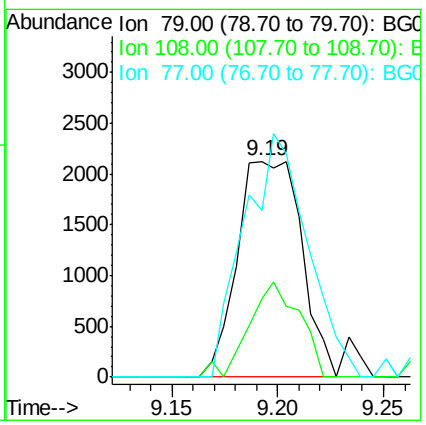


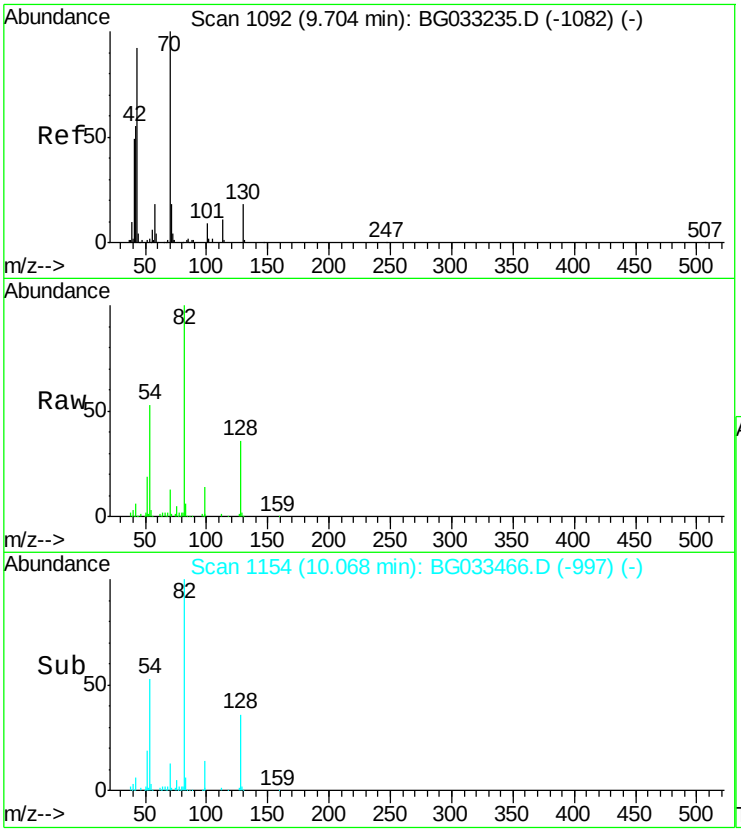


#15
Benzyl Alcohol
Concen: 2.060 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.08 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Tgt Ion: 79 Resp: 4484

Ion	Ratio	Lower	Upper
79	100		
108	36.3	57.2	85.8#
77	77.3	46.1	69.1#



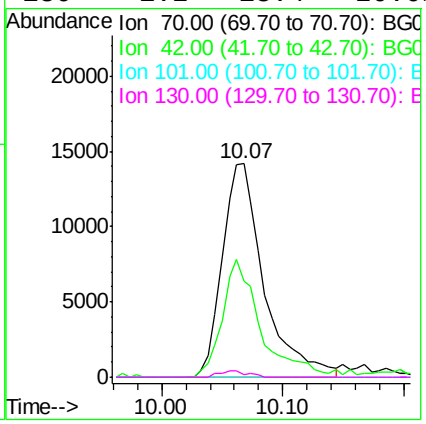


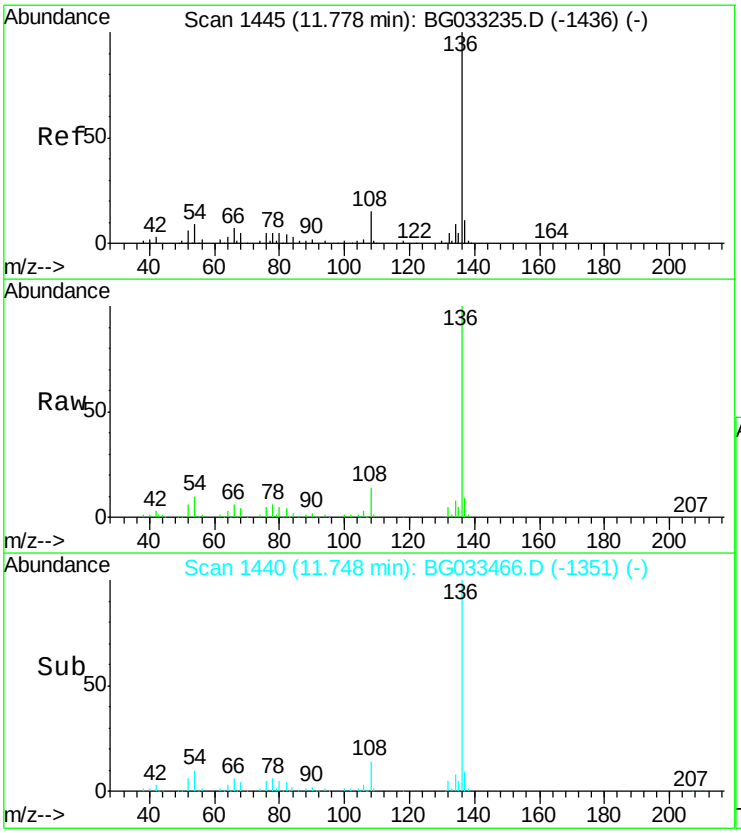
#19
n-Nitroso-di-n-propylamine
Concen: 16.732 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.39 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 33897

Ion	Ratio	Lower	Upper
70	100		
42	45.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.2	13.4	20.0#

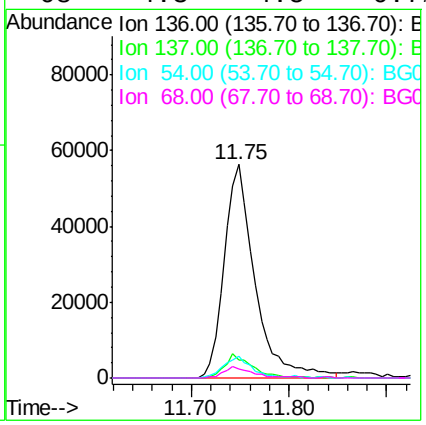


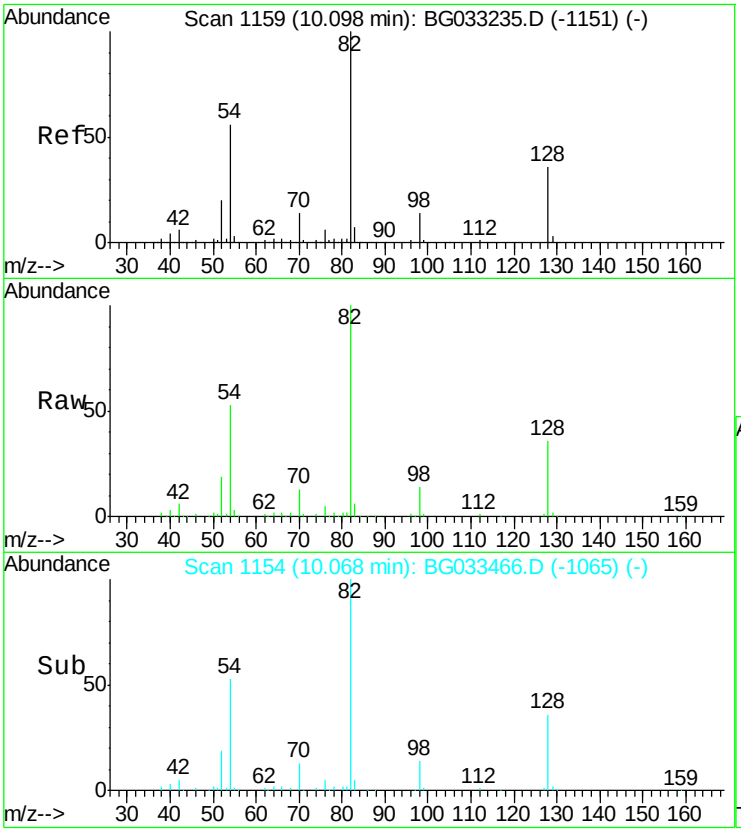


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Tgt Ion:136 Resp: 123367

Ion	Ratio	Lower	Upper
136	100		
137	8.7	9.2	13.8#
54	10.1	10.3	15.5#
68	4.3	4.5	6.7#



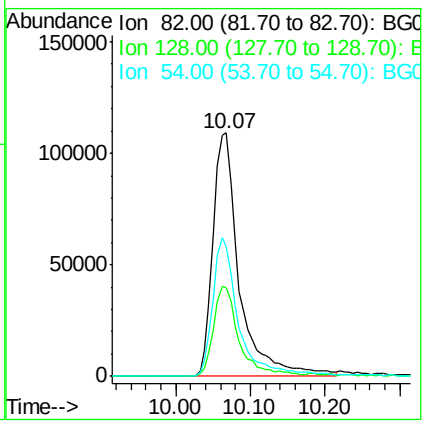


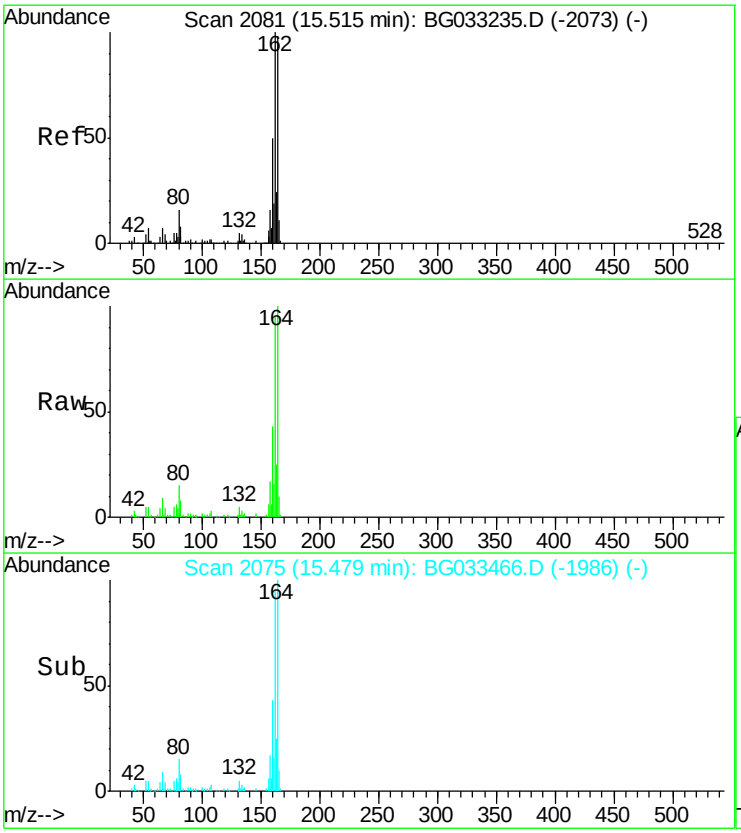
#23
Nitrobenzene-d5
Concen: 99.762 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 267877

Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.7	44.5
54	53.4	43.1	64.7

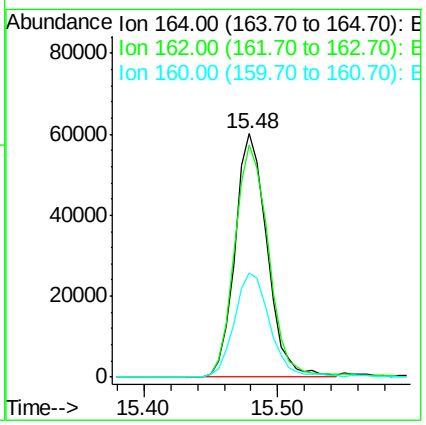


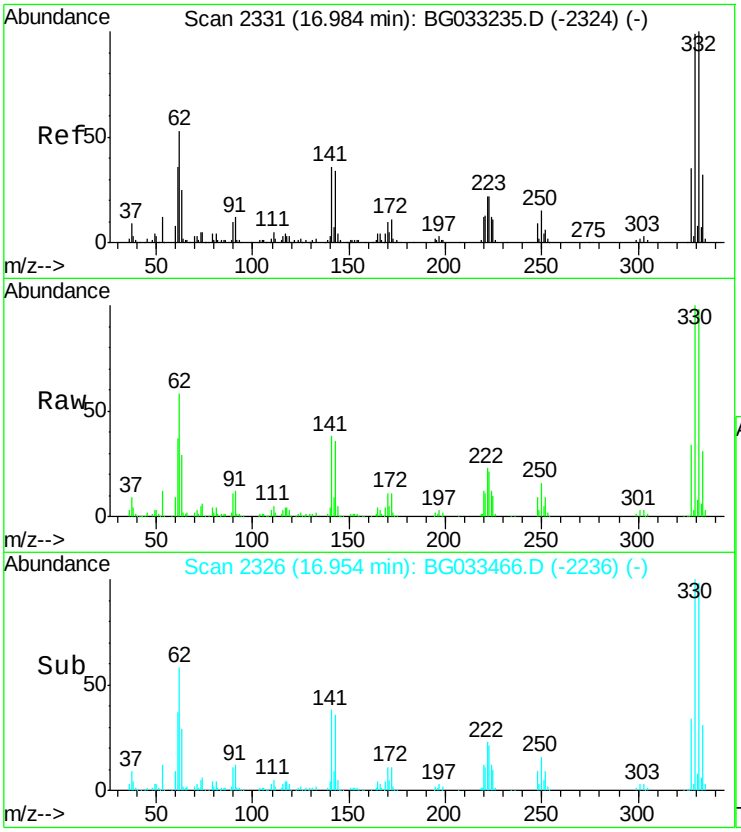


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Tgt Ion:164 Resp: 100131

Ion	Ratio	Lower	Upper
164	100		
162	95.3	78.8	118.2
160	42.5	35.4	53.0



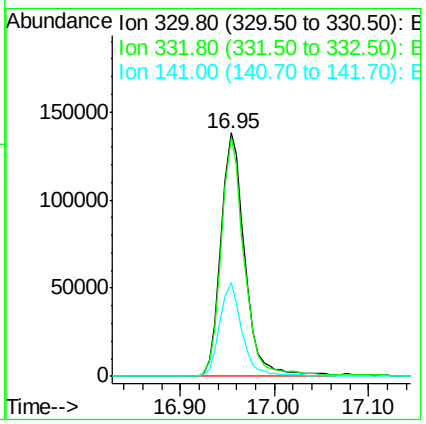


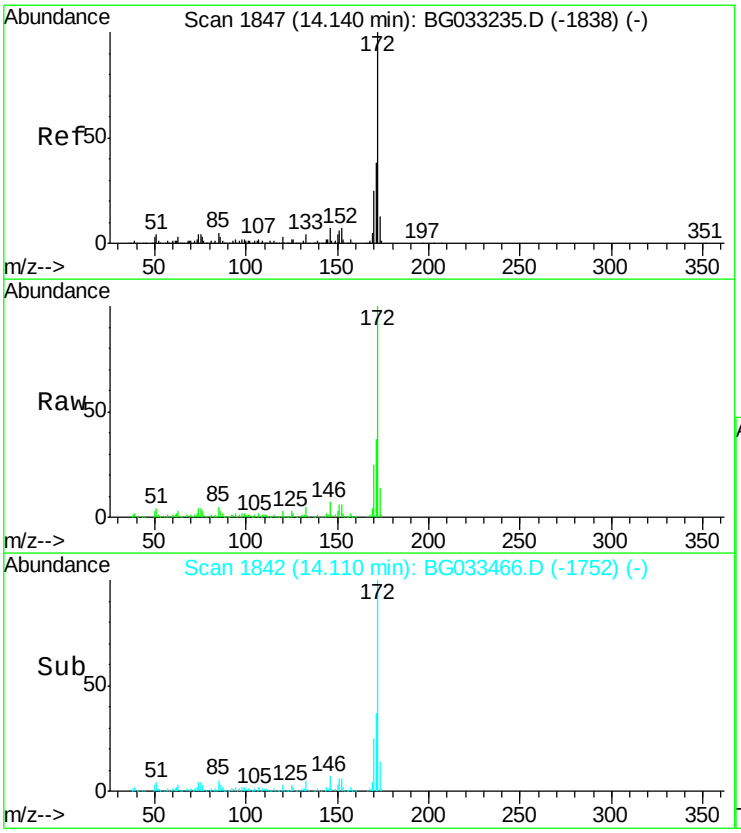
#41
2,4,6-Tribromophenol
Concen: 163.486 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 244833

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	36.5	25.2	37.8

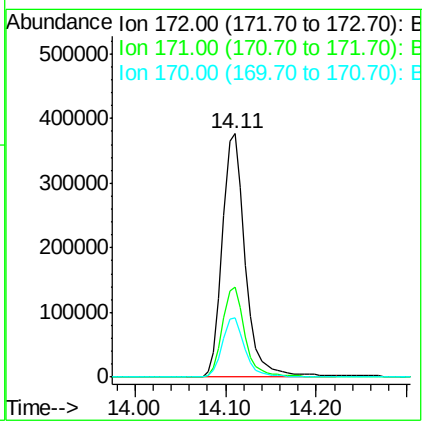


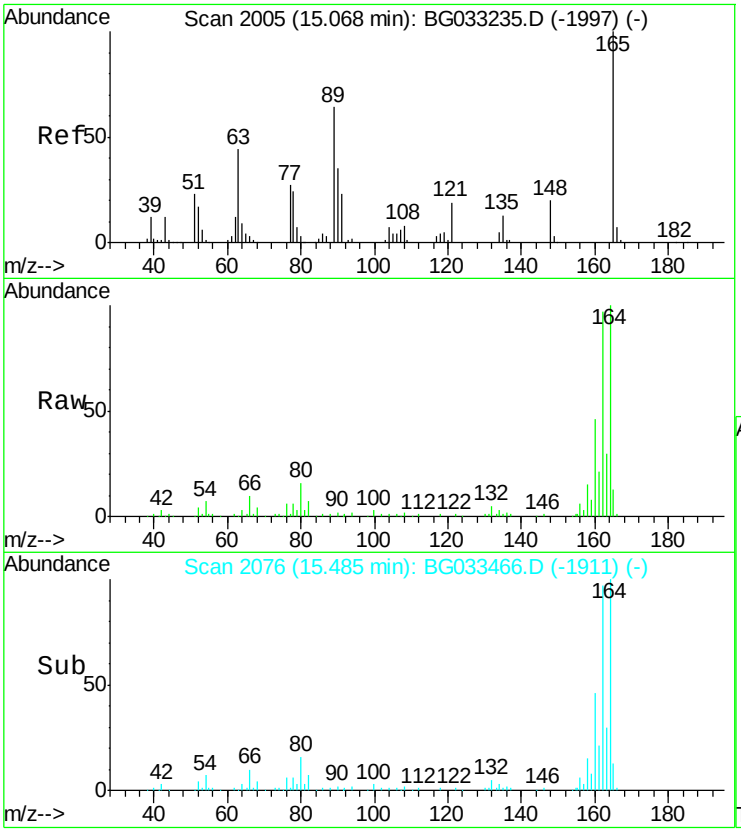


#44
2-Fluorobiphenyl
Concen: 95.812 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Tgt Ion:172 Resp: 664552

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.6	19.5	29.3



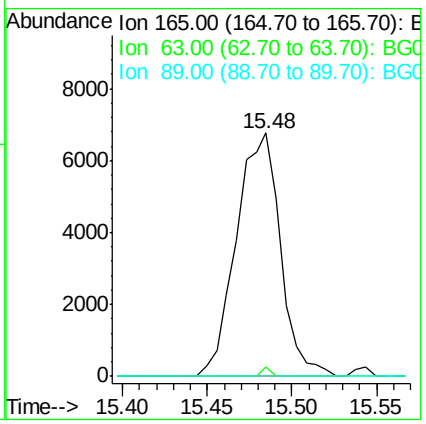


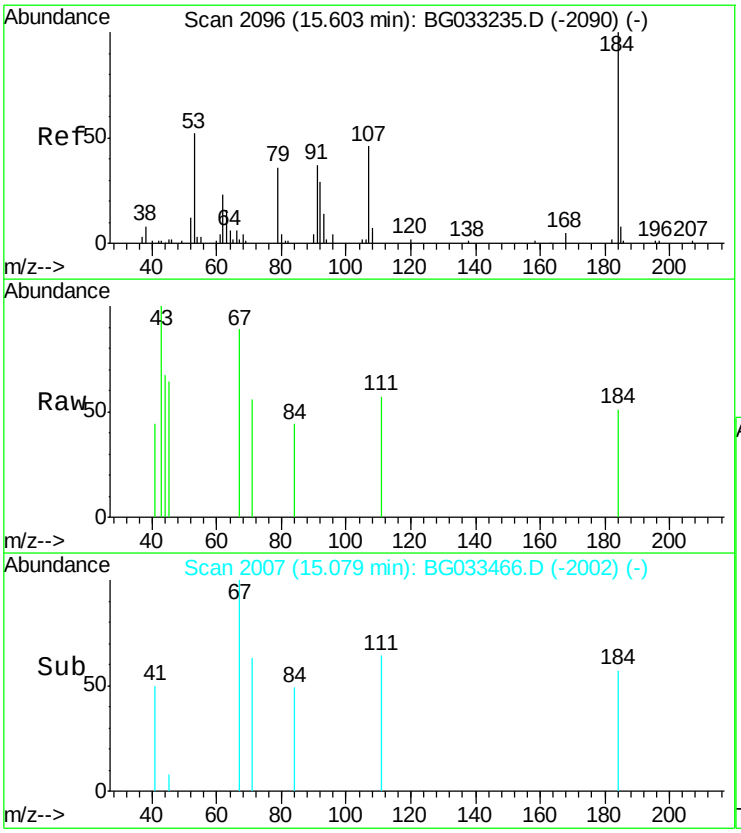
#50
2,6-Dinitrotoluene
Concen: 6.866 ng
RT: 15.48 min Scan# 2076
Delta R.T. 0.44 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12233

Ion	Ratio	Lower	Upper
165	100		
63	3.7	52.7	79.1#
89	0.0	49.2	73.8#

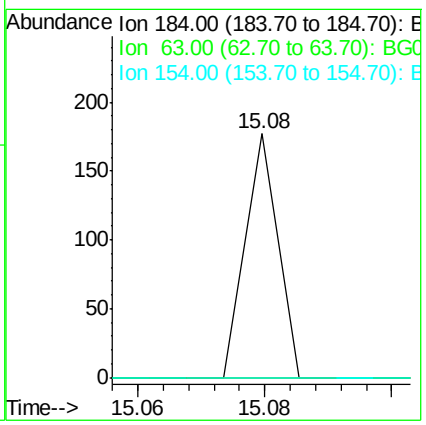


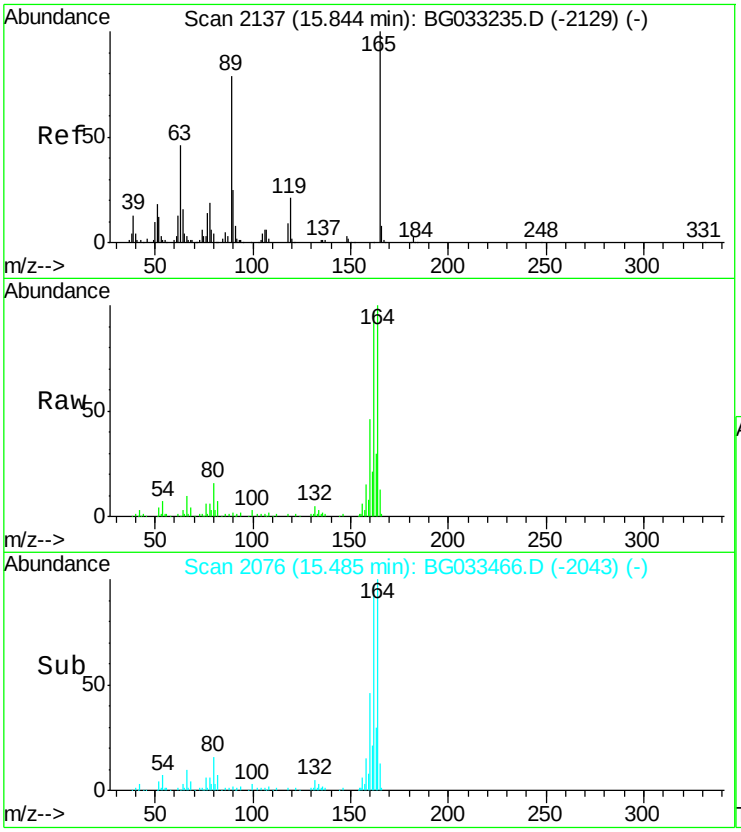


#53
2,4-Dinitrophenol
Concen: 7.704 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.50 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Tgt Ion:184 Resp: 62

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#



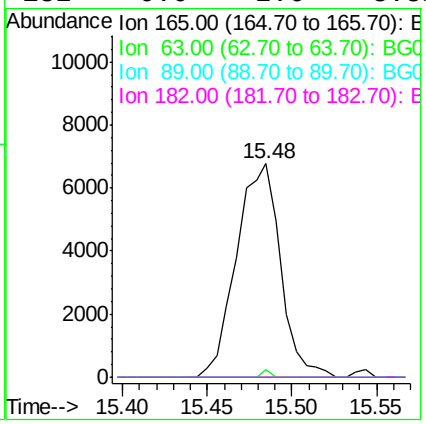


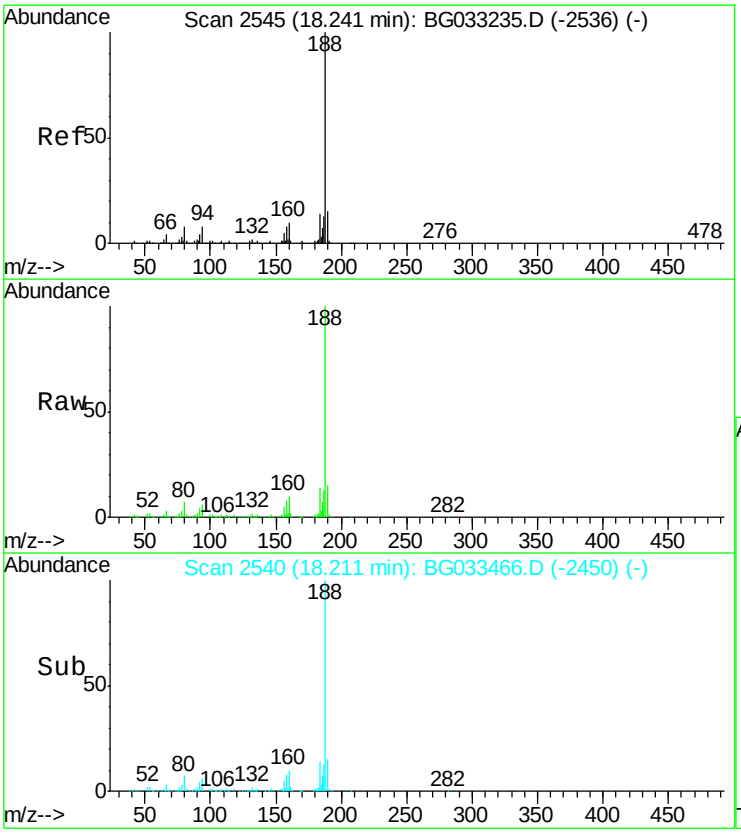
#56
2,4-Dinitrotoluene
Concen: 4.663 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.34 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12233

Ion	Ratio	Lower	Upper
165	100		
63	3.7	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

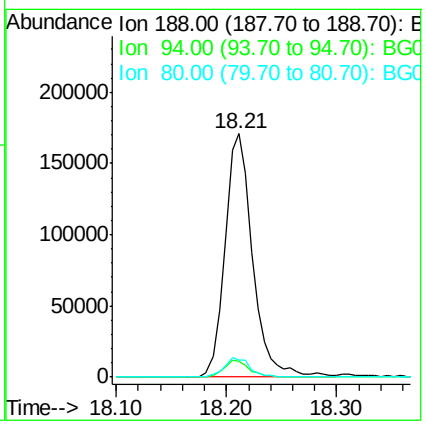


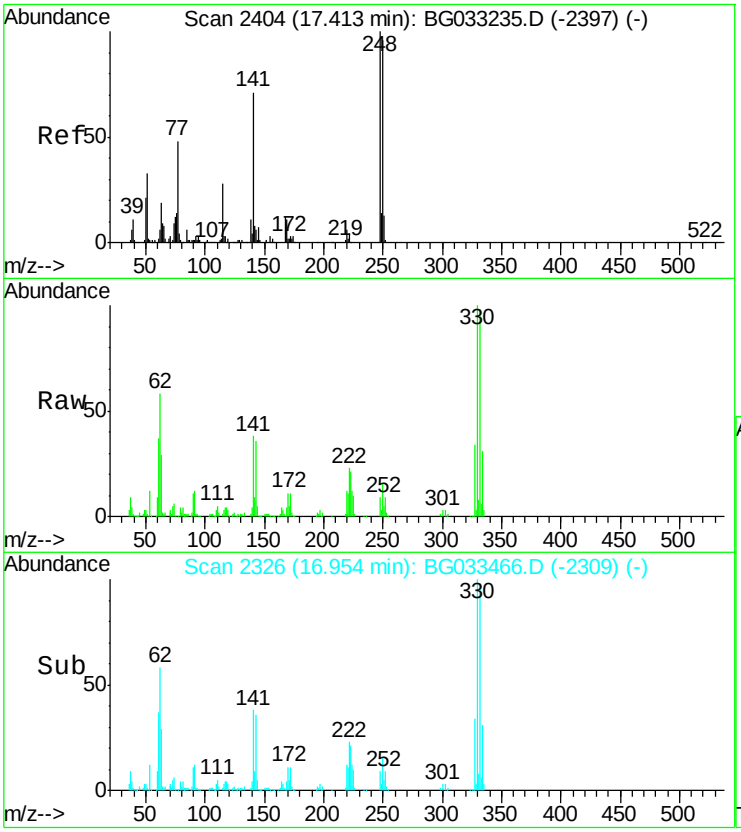


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Tgt Ion:188 Resp: 299799

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.0	7.7	11.5#



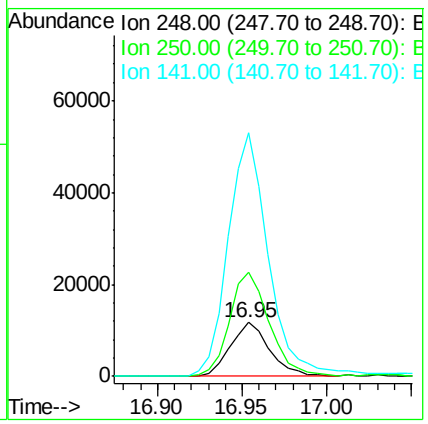


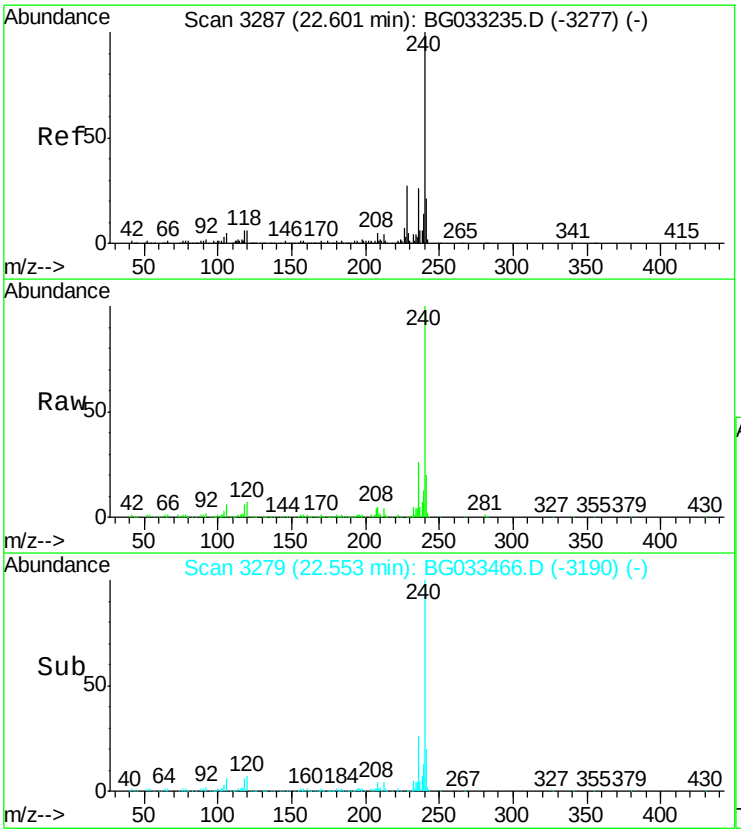
#66
4-Bromophenyl-phenylether
Concen: 5.364 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 18885

Ion	Ratio	Lower	Upper
248	100		
250	193.4	77.1	115.7#
141	451.8	50.8	76.2#

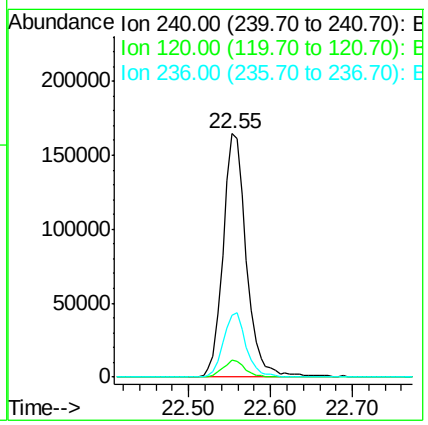


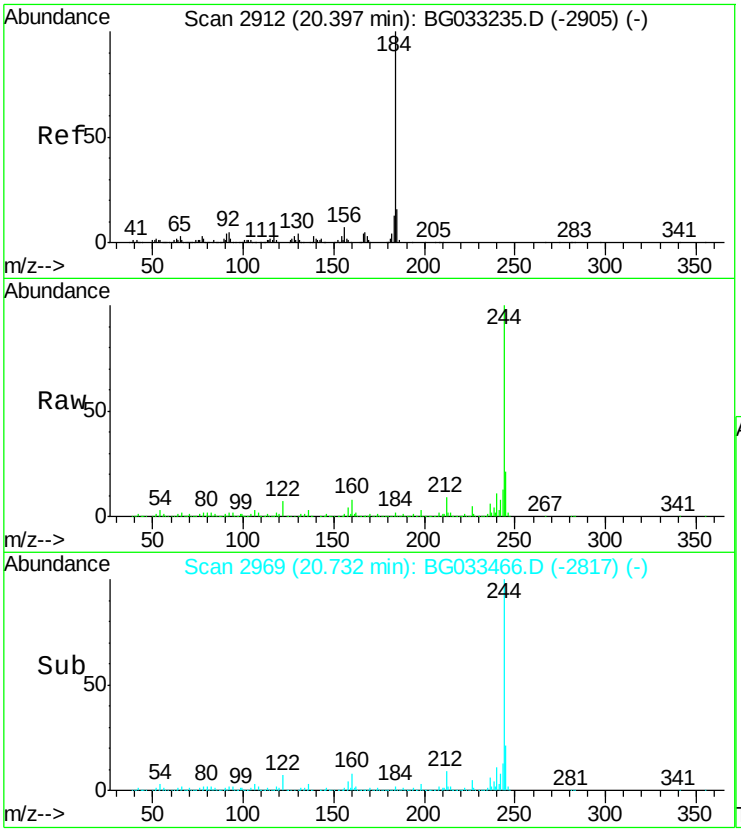


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Tgt Ion:240 Resp: 325664

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.8	10.2
236	25.6	20.9	31.3



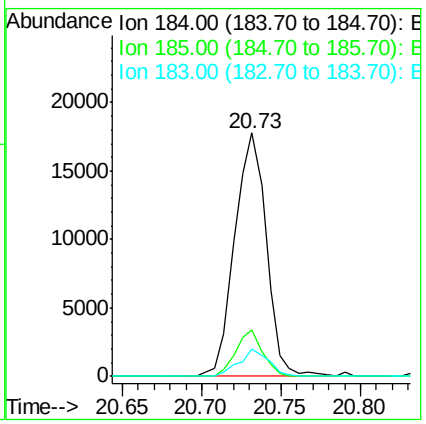


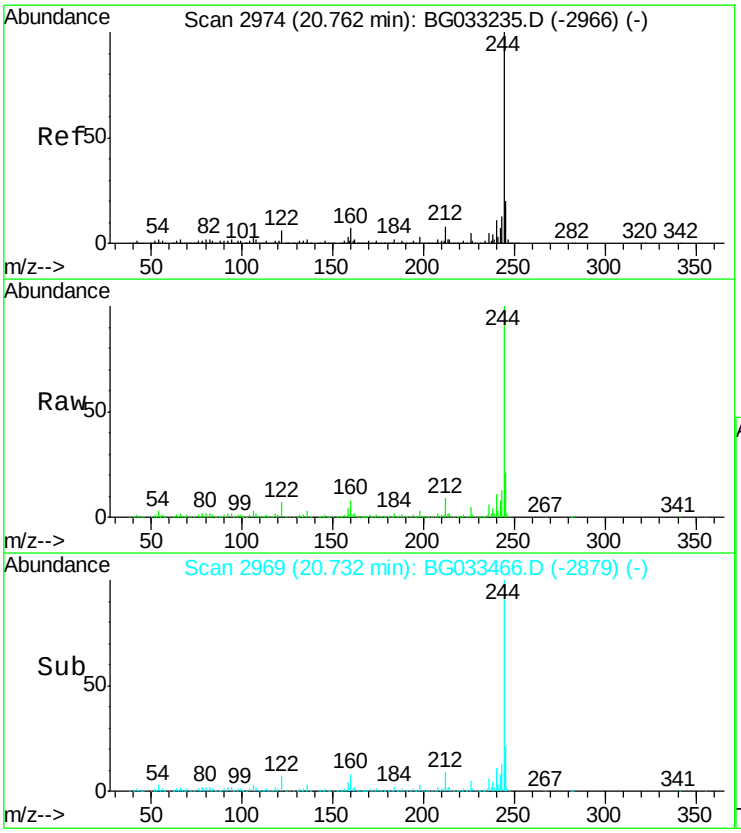
#76
Benzidine
Concen: 2.781 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.36 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 24564

Ion	Ratio	Lower	Upper
184	100		
185	19.3	11.1	16.7#
183	11.2	10.6	16.0

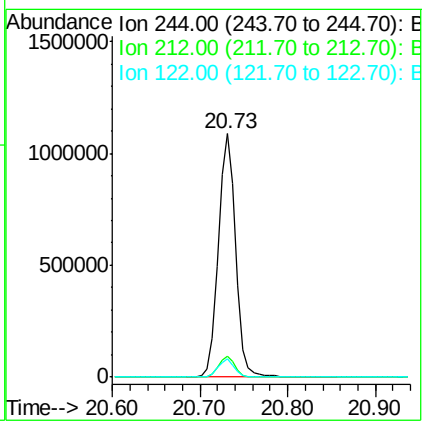


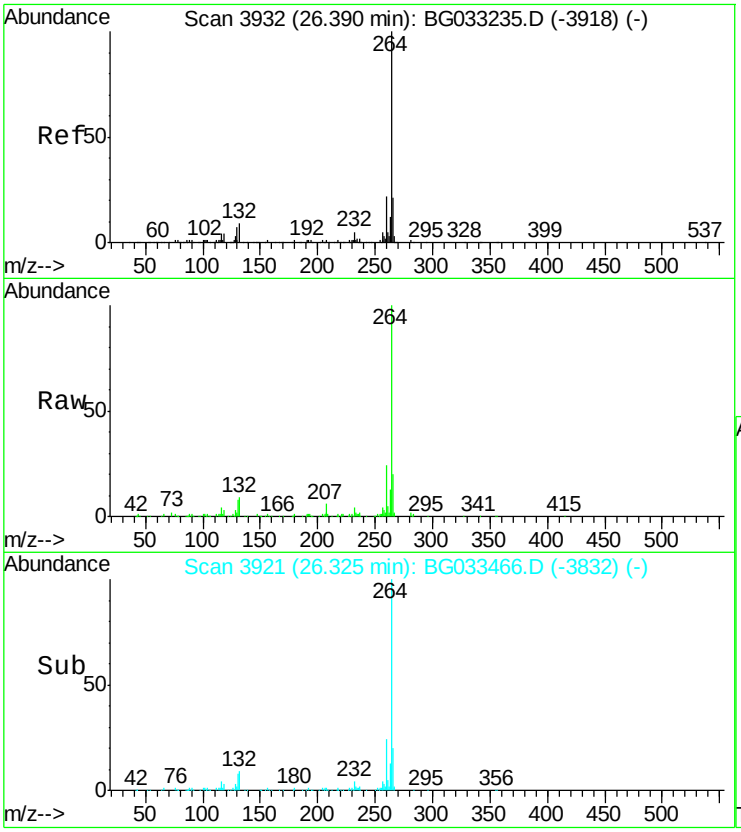


#78
Terphenyl-d14
Concen: 97.947 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Tgt Ion:244 Resp: 1491517

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 336351

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	20.3	17.7	26.5