Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033706.D
Acq On : 10 Apr 2018 8:18
Operator : SJ/JU
Sample : PB108088TB
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 10 10:52:36 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	35129	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	149052	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	102632	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	284605	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	309668	20.00	ng	-0.01
86) Perylene-d12	26.32	264	330499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	354593	189.28	ng	0.00
7) Phenol-d6	7.97	99	533419	165.71	ng	0.00
23) Nitrobenzene-d5	10.06	82	316999	97.71	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	210231	136.96	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	754414	106.12	ng	0.00
78) Terphenyl-d14	20.73	244	1462616	101.01	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.19	79	6940	2.738	ng	# 34
19) n-Nitroso-di-n-propylamine	10.06	70	45543	19.308	ng	# 72
50) 2,6-Dinitrotoluene	15.48	165	13355	7.313	ng	# 22
53) 2,4-Dinitrophenol	15.12	184	53	7.694	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	13355	4.966	ng	# 19
66) 4-Bromophenyl-phenylether	16.94	248	16412	4.910	ng	# 1
76) Benzidine	20.73	184	23313	2.776	ng	# 93

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

Quantitation Report (Not Reviewed)

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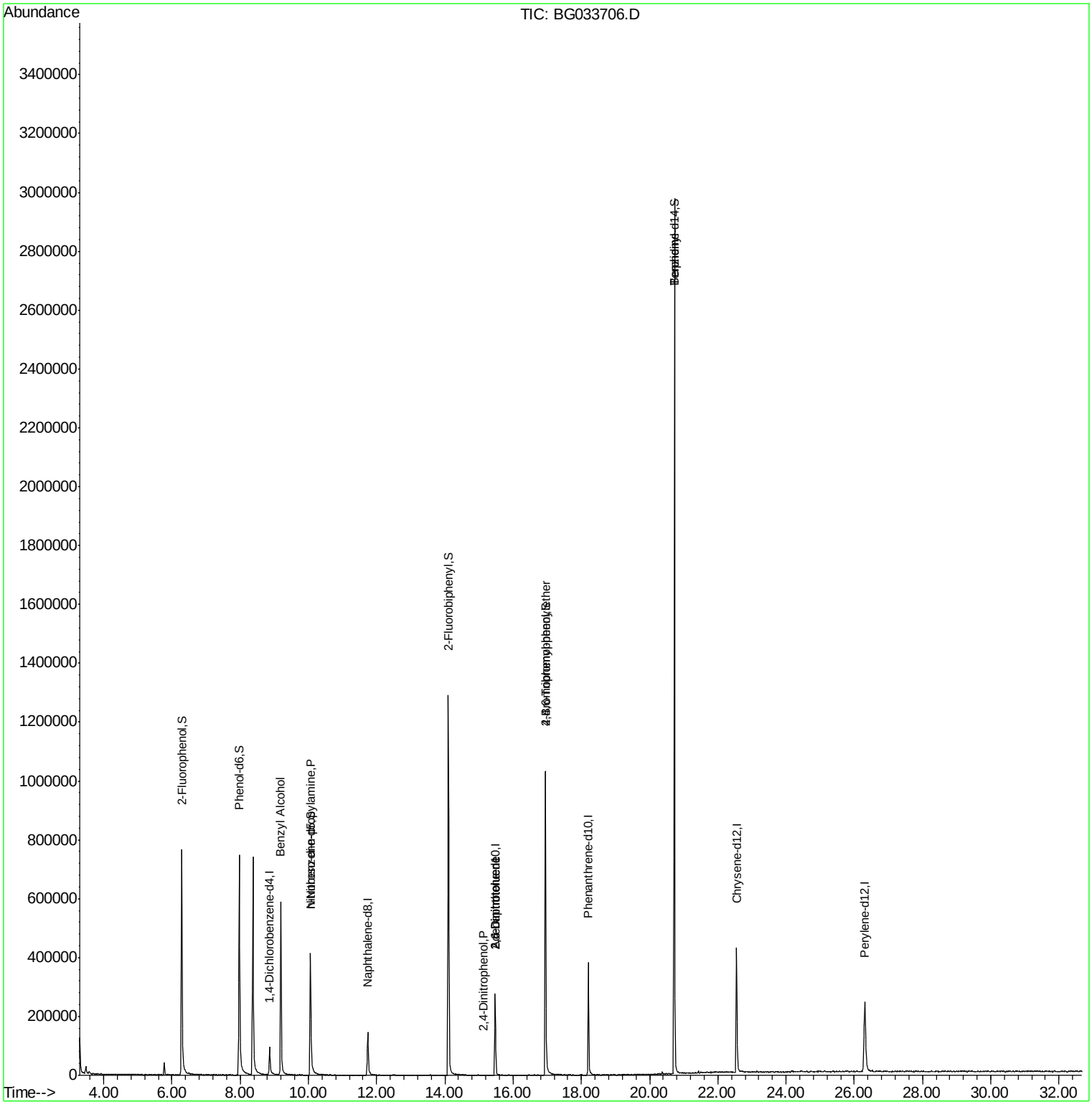
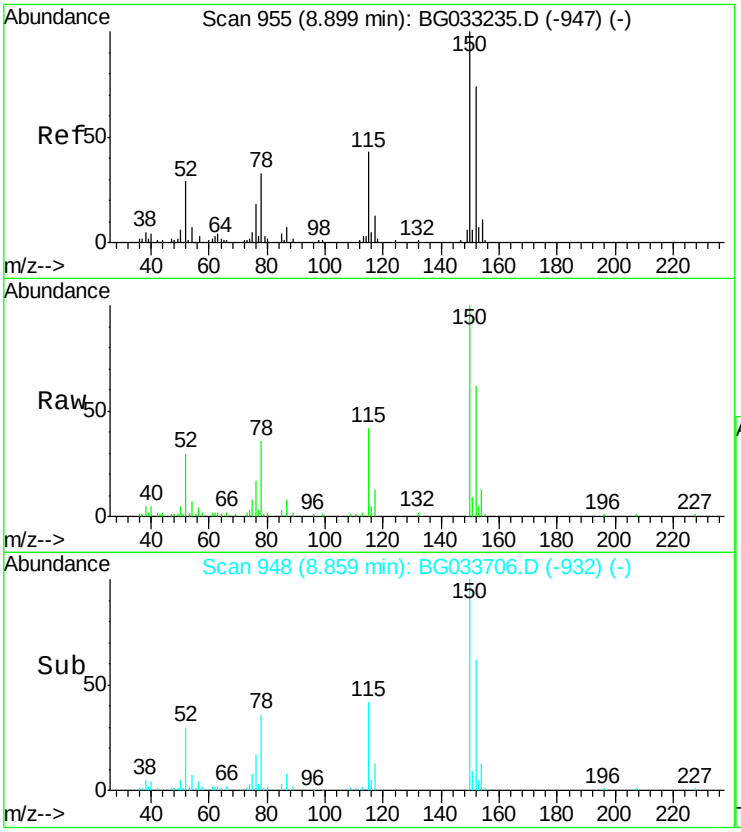


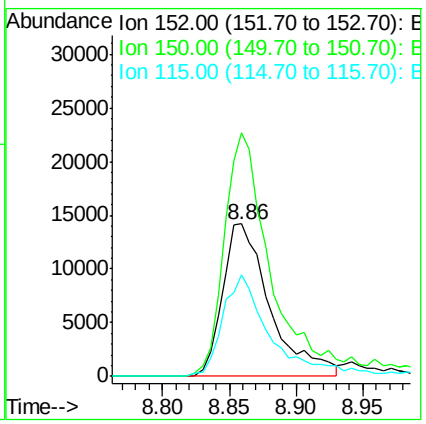


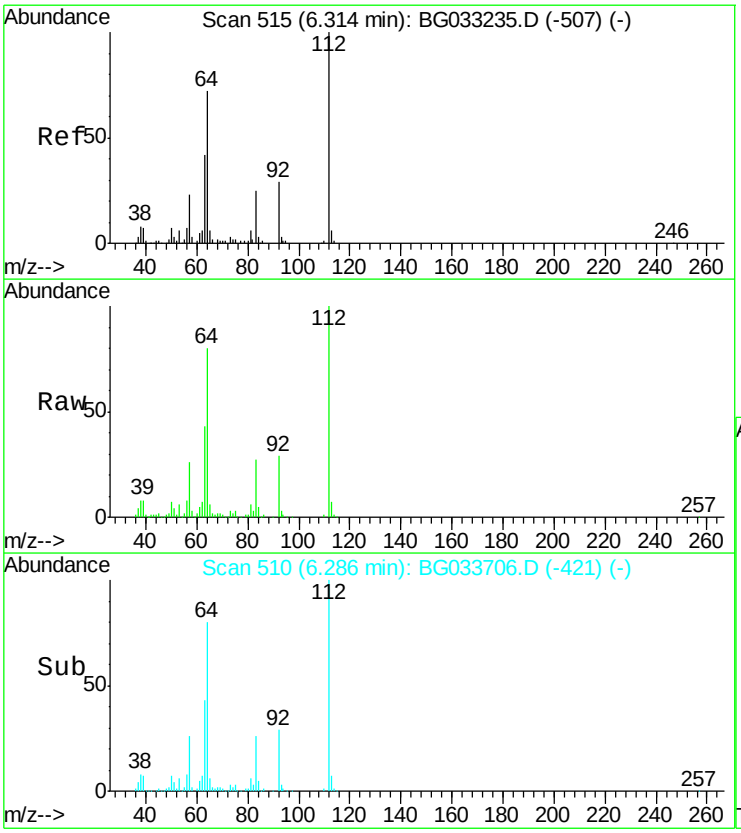
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 35129

Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.6	189.8
115	66.6	53.0	79.4

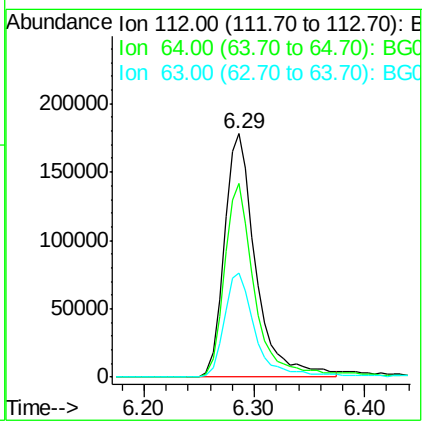


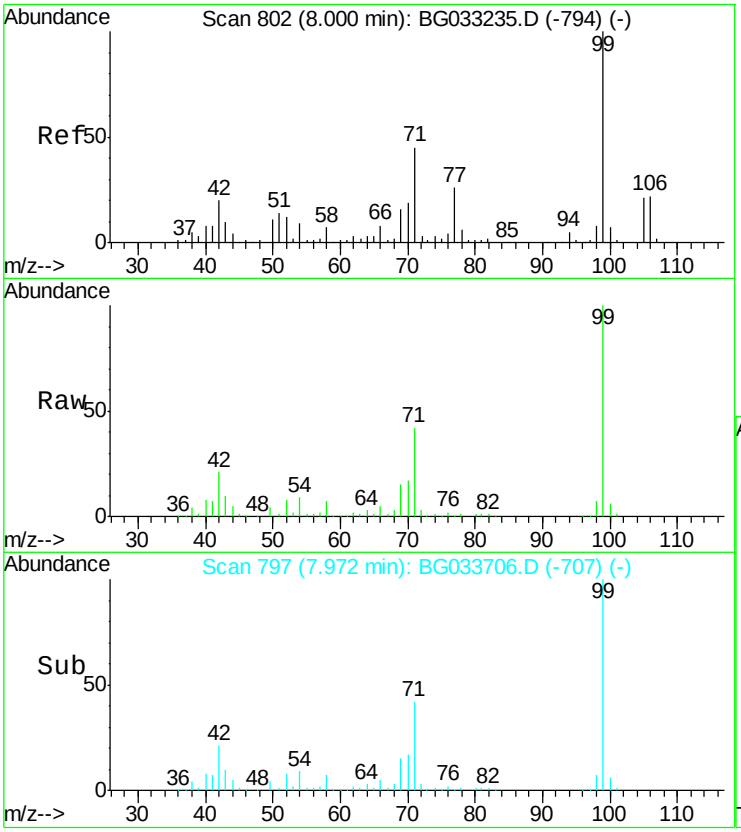


#5
2-Fluorophenol
Concen: 189.275 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Tgt Ion:112 Resp: 354593

Ion	Ratio	Lower	Upper
112	100		
64	79.6	56.3	84.5
63	42.9	30.1	45.1



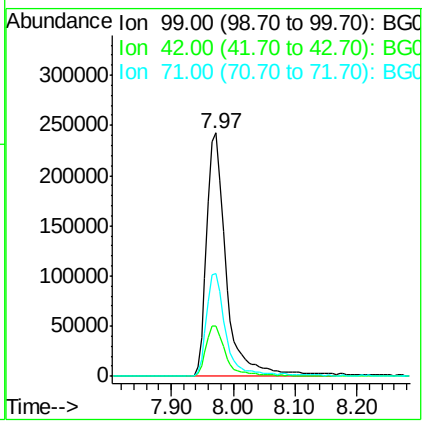


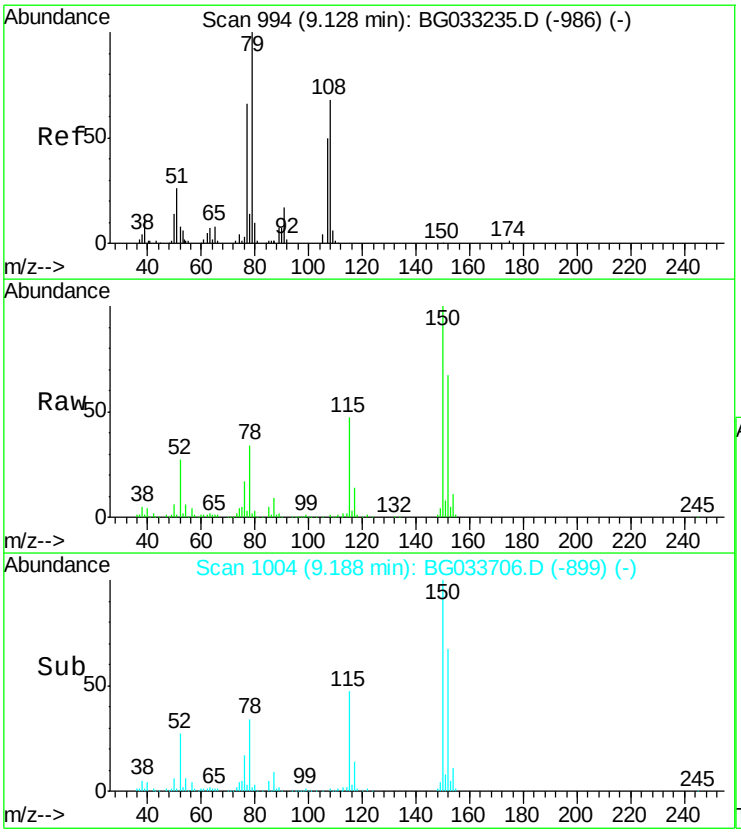
#7
Phenol-d6
Concen: 165.713 ng
RT: 7.97 min Scan# 797
Delta R.T. 0.00 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 533419

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.1	21.1
71	42.3	26.1	39.1#

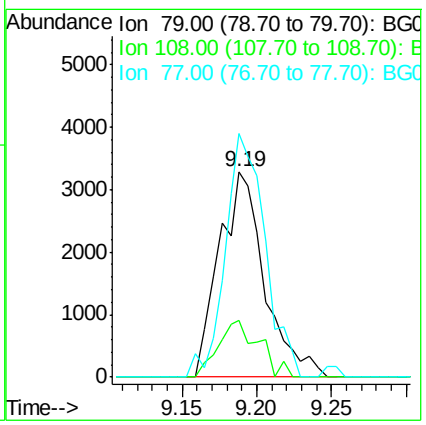


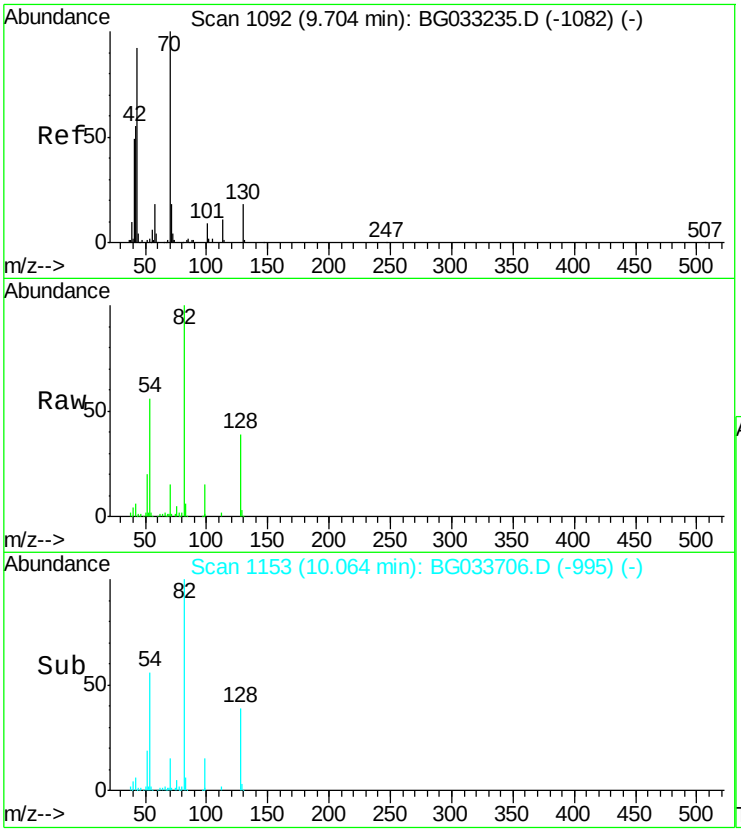


#15
Benzyl Alcohol
Concen: 2.738 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.09 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Tgt Ion: 79 Resp: 6940

Ion	Ratio	Lower	Upper
79	100		
108	27.8	57.2	85.8#
77	118.5	46.1	69.1#



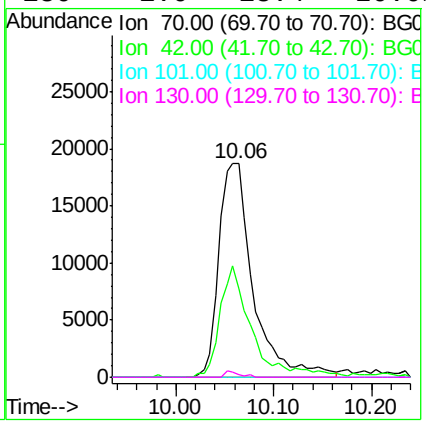


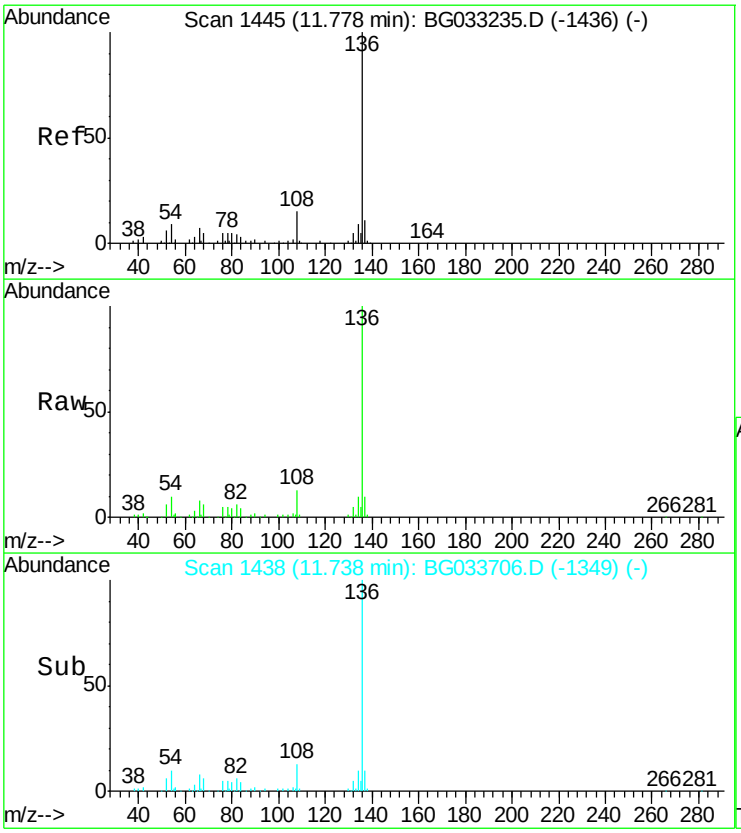
#19
n-Nitroso-di-n-propylamine
Concen: 19.308 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 45543

Ion	Ratio	Lower	Upper
70	100		
42	41.2	49.1	73.7#
101	0.0	8.5	12.7#
130	1.0	13.4	20.0#

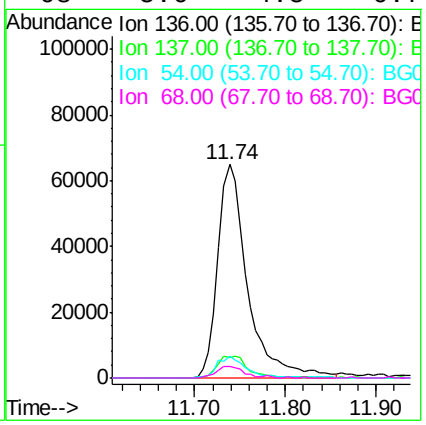


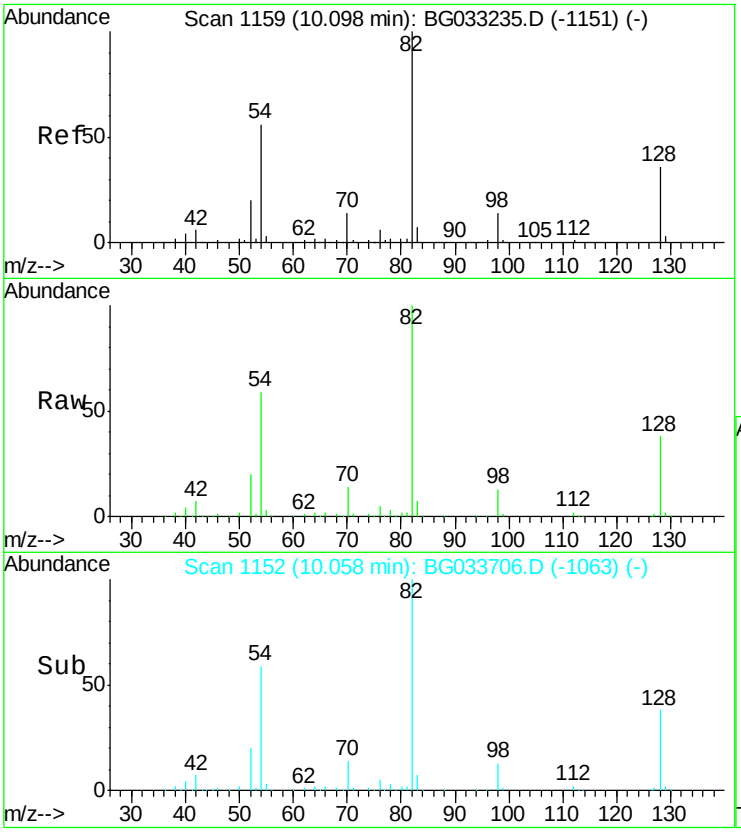


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Tgt Ion:136 Resp: 149052

Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.2	13.8
54	10.3	10.3	15.5#
68	5.6	4.5	6.7



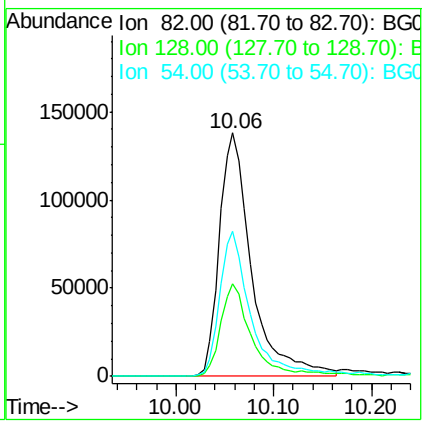


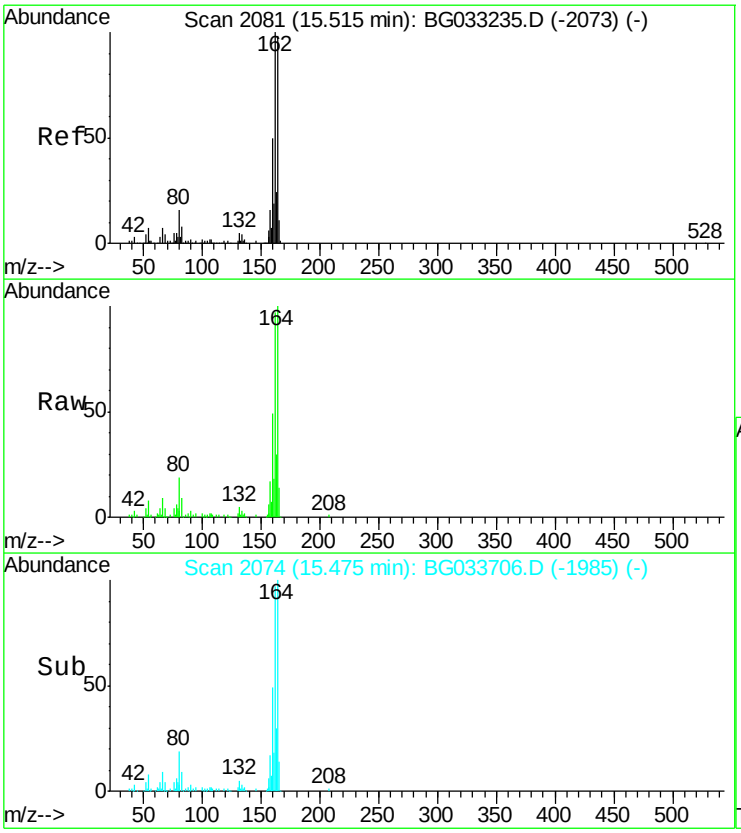
#23
Nitrobenzene-d5
Concen: 97.712 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 316999

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.7	44.5
54	59.5	43.1	64.7

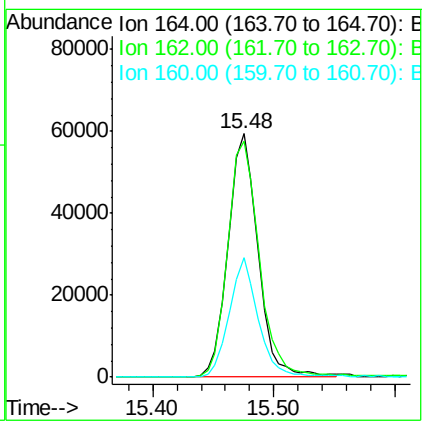


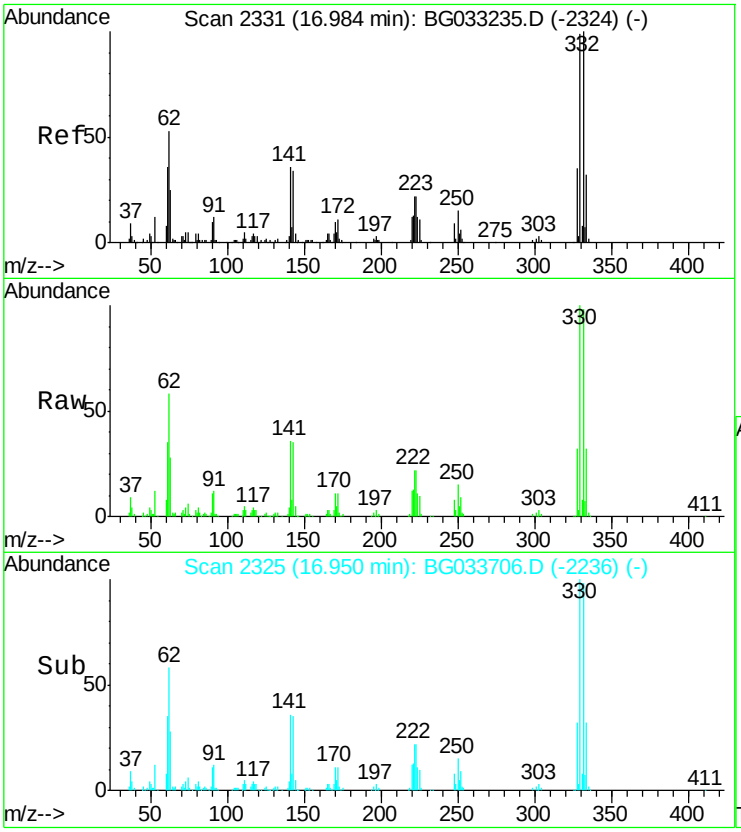


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Tgt Ion:164 Resp: 102632

Ion	Ratio	Lower	Upper
164	100		
162	96.9	78.8	118.2
160	49.2	35.4	53.0



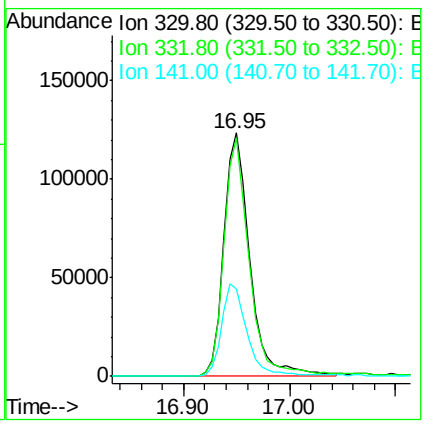


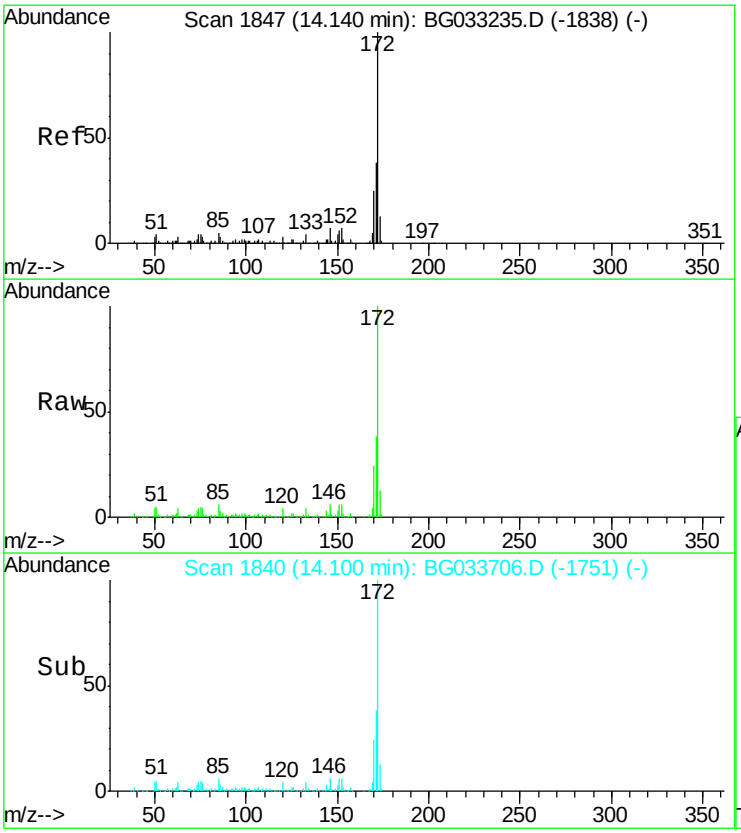
#41
2,4,6-Tribromophenol
Concen: 136.960 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 210231

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	37.7	25.2	37.8

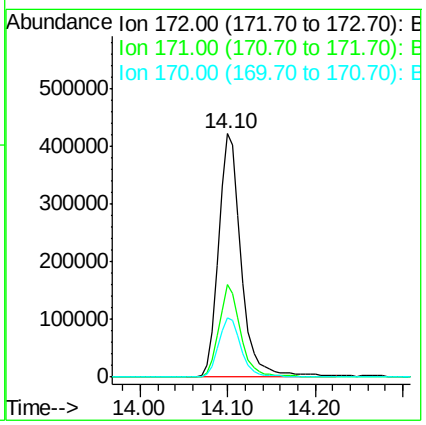


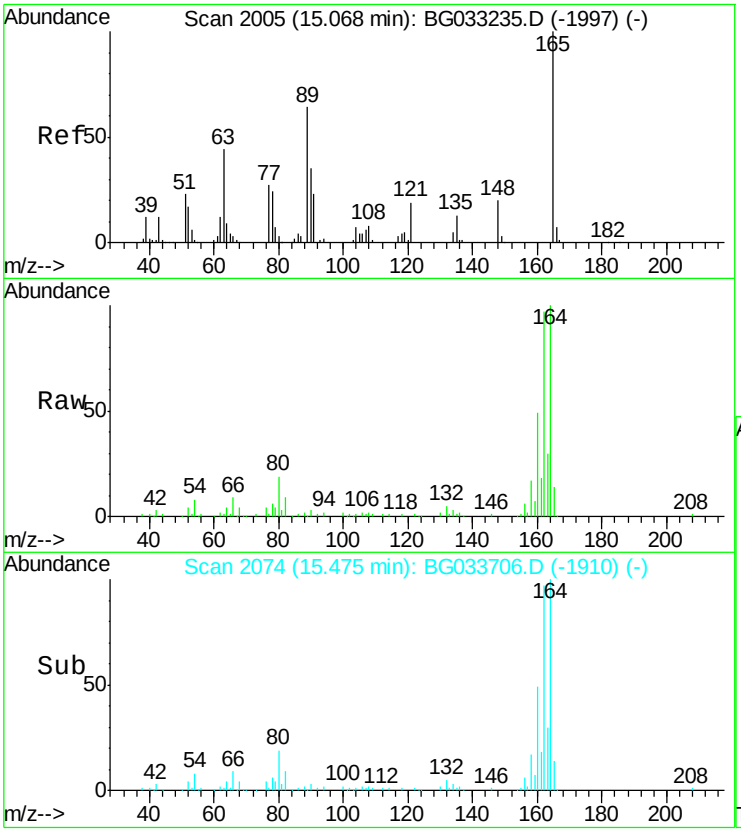


#44
2-Fluorobiphenyl
Concen: 106.117 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Tgt Ion:172 Resp: 754414

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.4	19.5	29.3



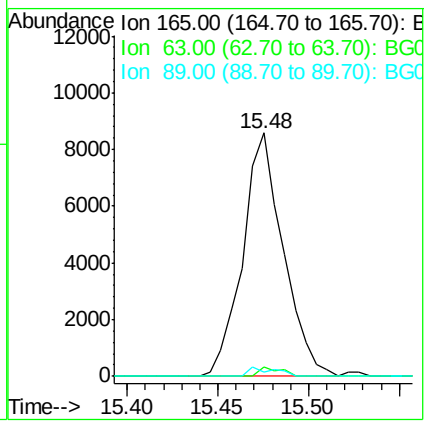


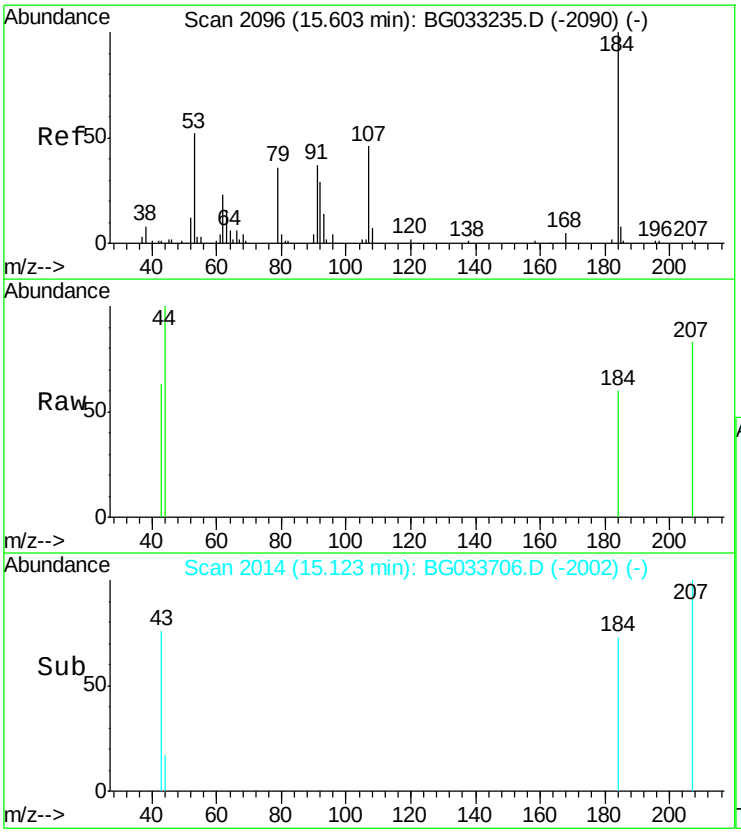
#50
2,6-Dinitrotoluene
Concen: 7.313 ng
RT: 15.48 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13355

Ion	Ratio	Lower	Upper
165	100		
63	3.6	52.7	79.1#
89	1.8	49.2	73.8#

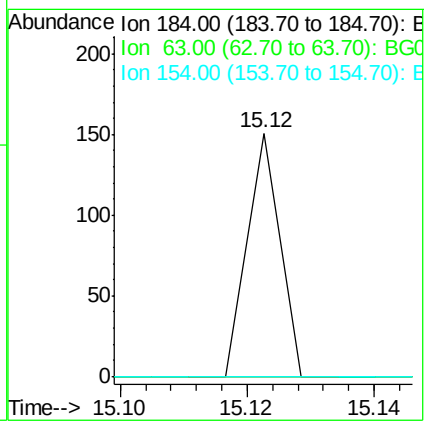


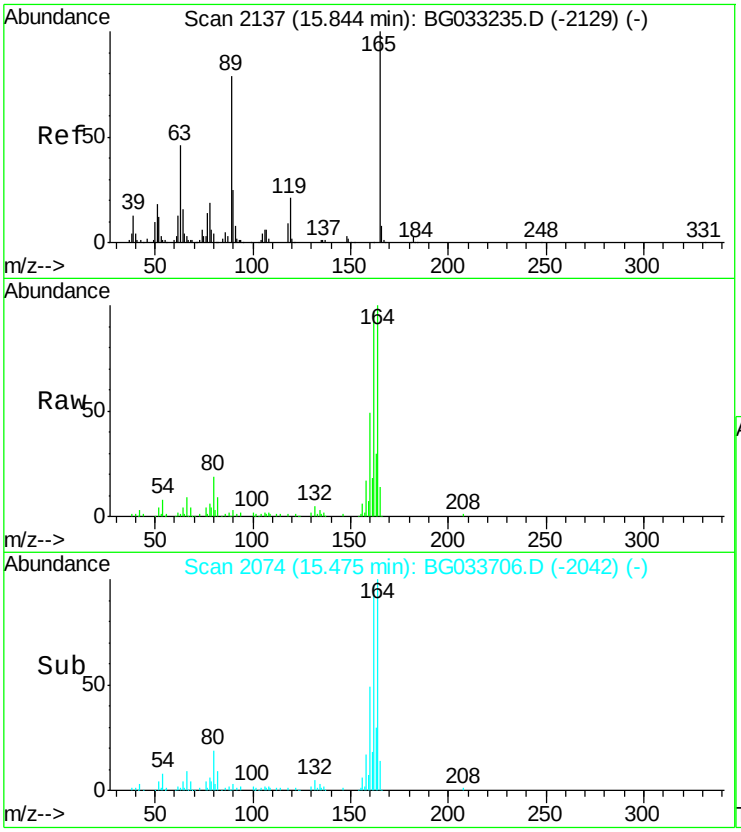


#53
2,4-Dinitrophenol
Concen: 7.694 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.46 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Tgt Ion:184 Resp: 53

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



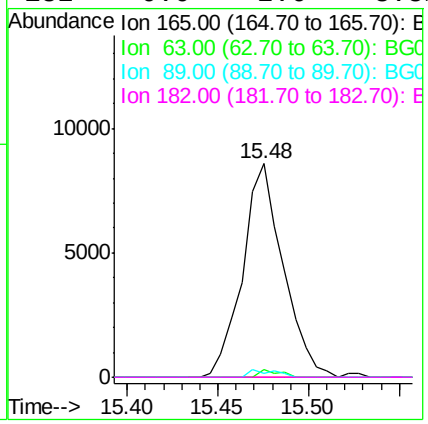


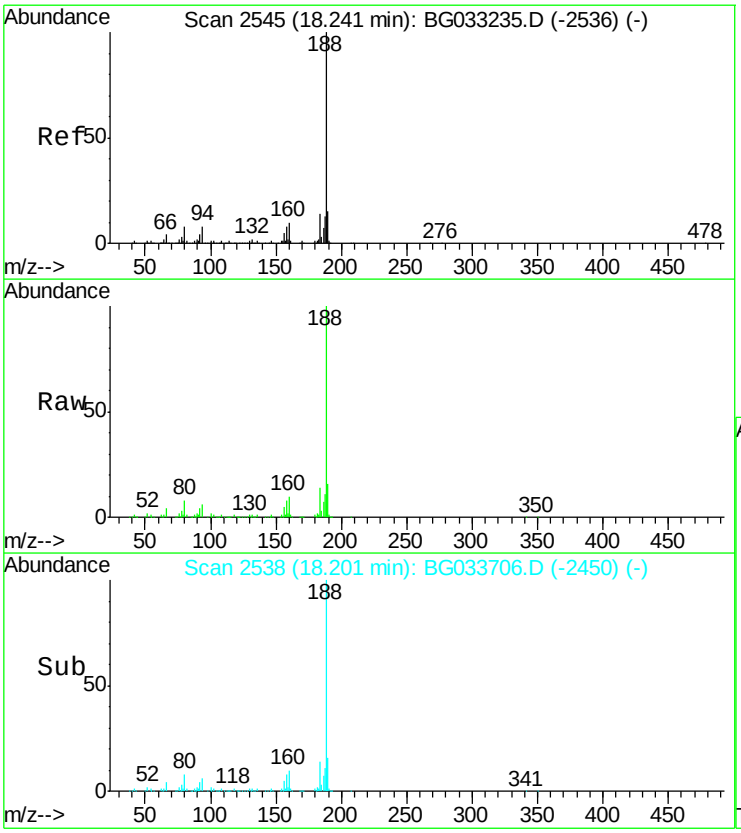
#56
2,4-Dinitrotoluene
Concen: 4.966 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13355

Ion	Ratio	Lower	Upper
165	100		
63	3.6	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#

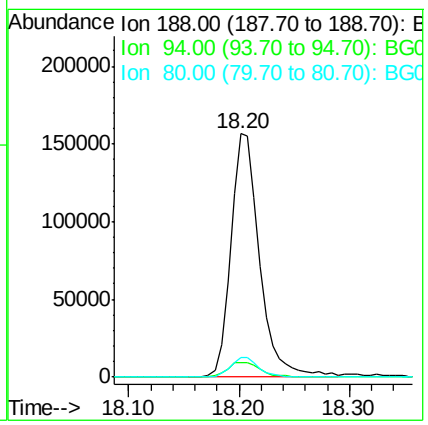


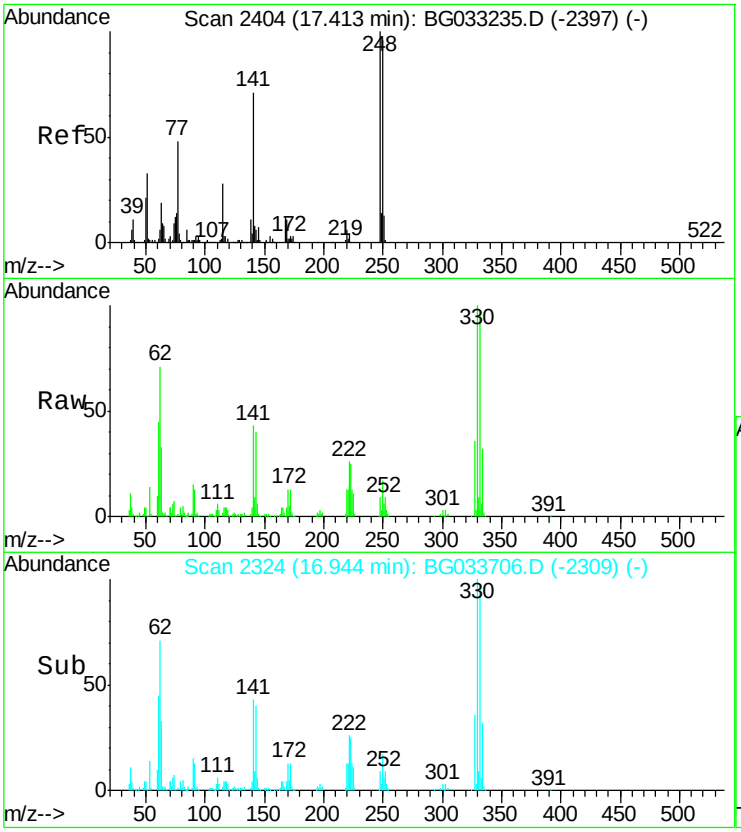


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Tgt Ion:188 Resp: 284605

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	8.2	7.7	11.5



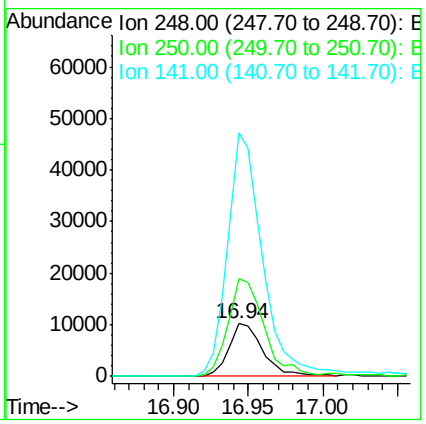


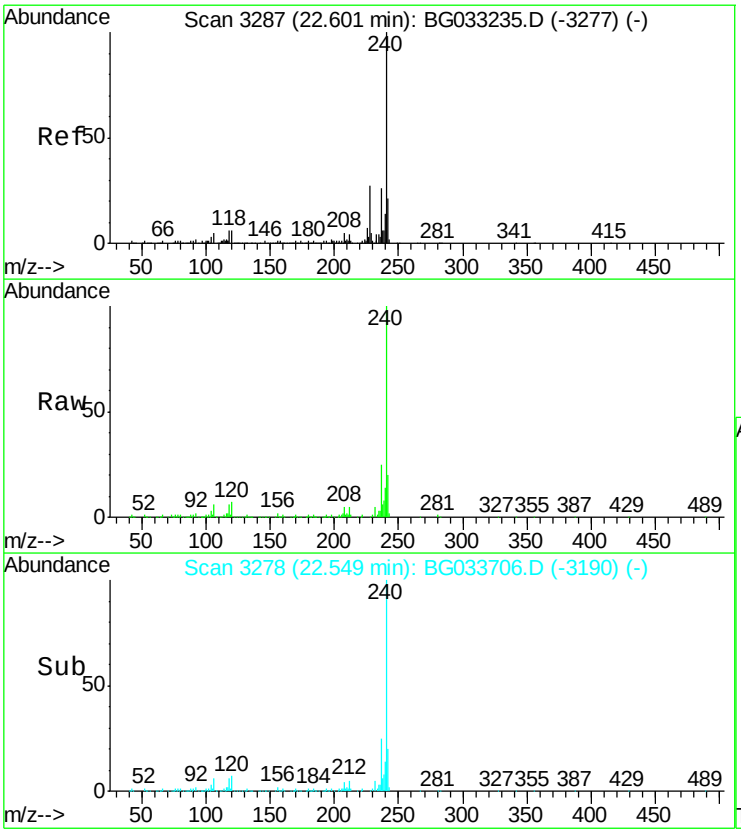
#66
4-Bromophenyl-phenylether
Concen: 4.910 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.44 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 16412

Ion	Ratio	Lower	Upper
248	100		
250	185.8	77.1	115.7#
141	463.3	50.8	76.2#

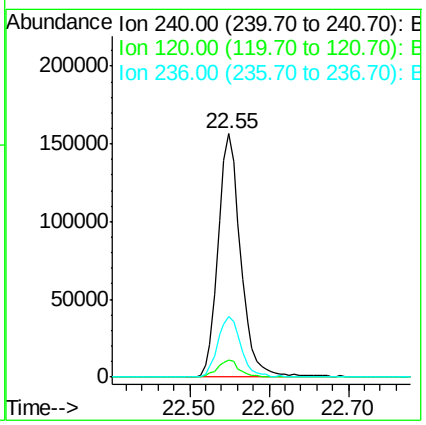


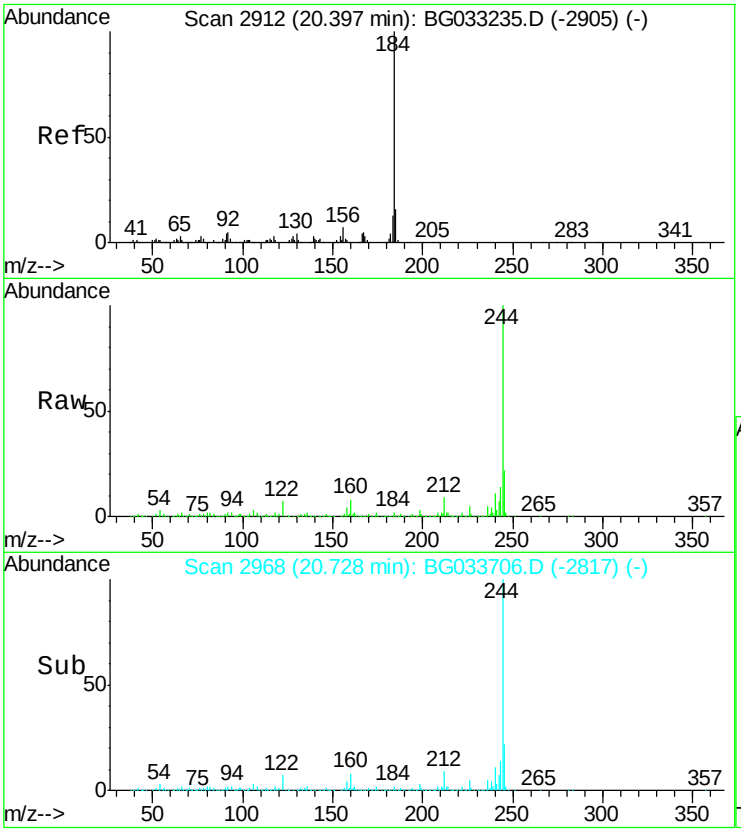


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Tgt Ion:240 Resp: 309668

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.8	10.2
236	25.0	20.9	31.3



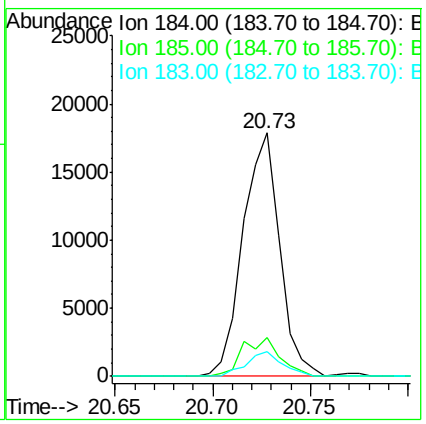


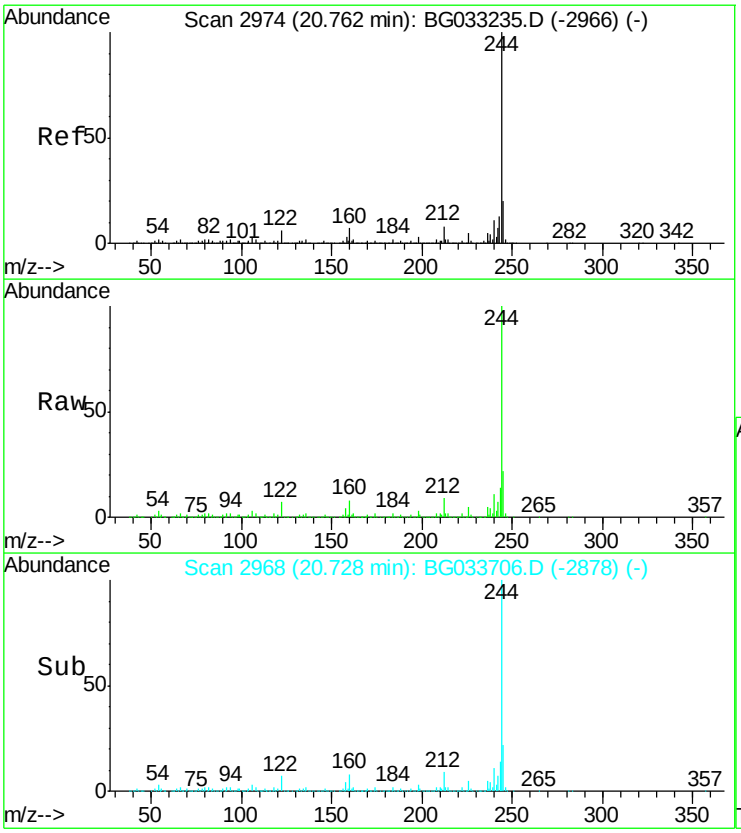
#76
Benzidine
Concen: 2.776 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 23313

Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.1	16.7
183	10.0	10.6	16.0#

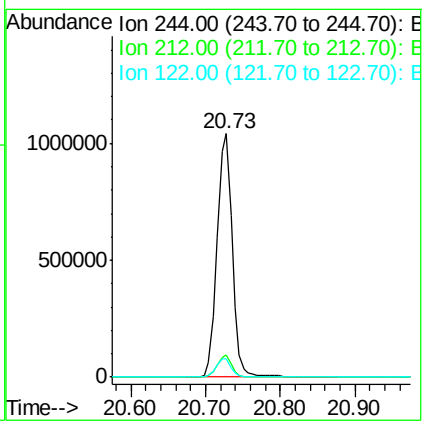


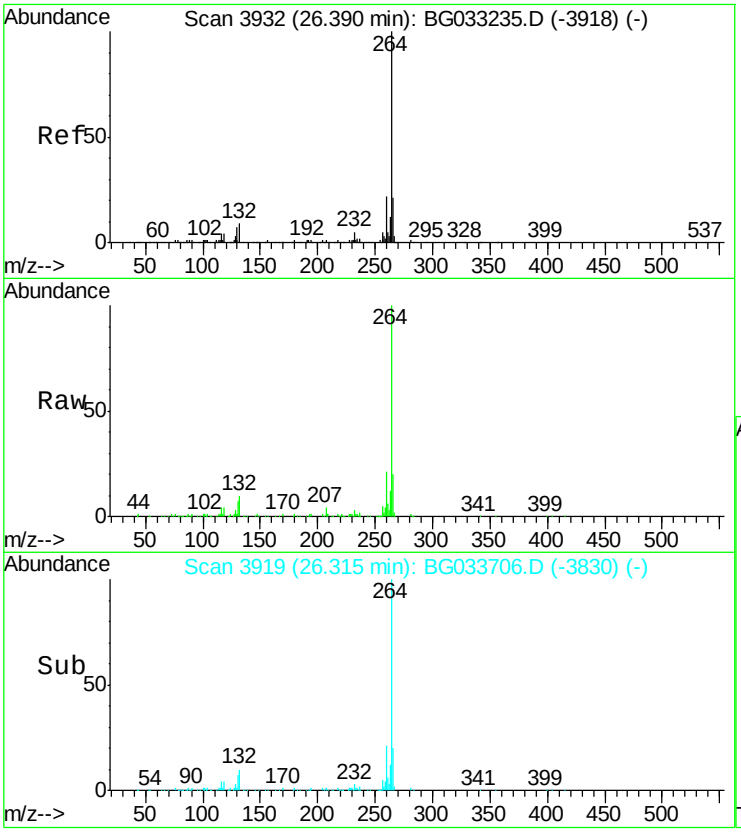


#78
Terphenyl-d14
Concen: 101.010 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Tgt Ion:244 Resp: 1462616

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	7.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3919
Delta R.T. -0.00 min
Lab File: BG033706.D
Acq: 10 Apr 2018 8:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 330499

Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.4	26.0
265	19.7	17.7	26.5