Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
Data File : BG033783.D
Acq On : 12 Apr 2018 21:49
Operator : SJ/JU
Sample : J2307-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 13 02:23:32 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	27850	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	118101	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	89573	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	262859	20.00	ng		0.00
75) Chrysene-d12	22.55	240	296121	20.00	ng		0.00
86) Perylene-d12	26.31	264	319512	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	238412	160.52	ng		0.00
7) Phenol-d6	7.96	99	309847	121.42	ng		0.00
23) Nitrobenzene-d5	10.06	82	260360	101.29	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	216485	161.60	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	602452	97.10	ng		0.00
78) Terphenyl-d14	20.73	244	1425333	102.94	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	9.19	79	4101	2.041	ng	#	33
19) n-Nitroso-di-n-propylamine	10.06	70	36353	19.440	ng	#	75
31) Naphthalene	11.80	128	24497	4.003	ng		96
50) 2,6-Dinitrotoluene	15.47	165	11657	7.313	ng	#	18
53) 2,4-Dinitrophenol	15.60	184	56	7.704	ng	#	1
56) 2,4-Dinitrotoluene	15.47	165	11657	4.967	ng	#	16
66) 4-Bromophenyl-phenylether	16.95	248	16465	5.334	ng	#	1
76) Benzidine	20.73	184	25072	3.122	ng	#	93

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

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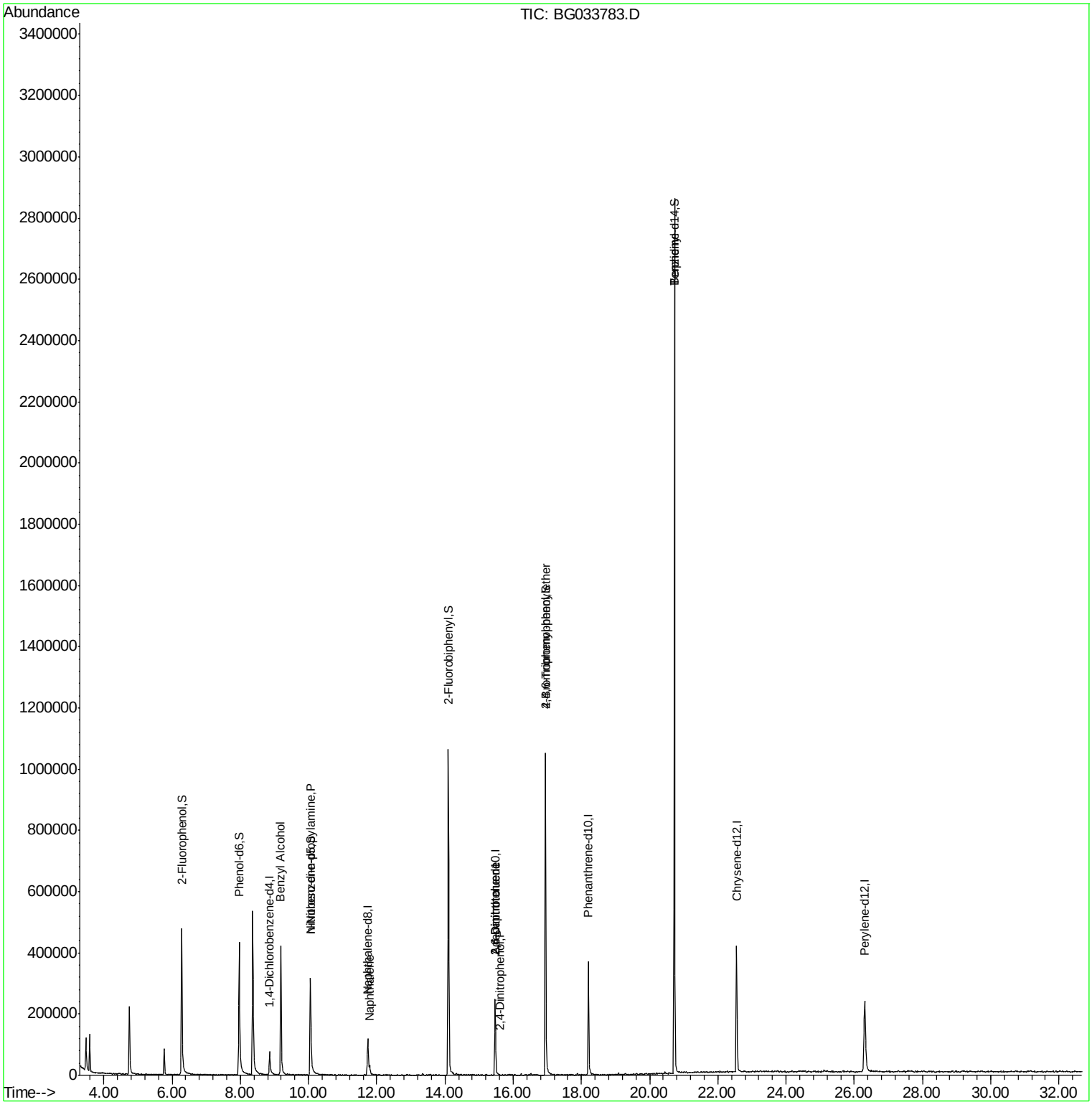
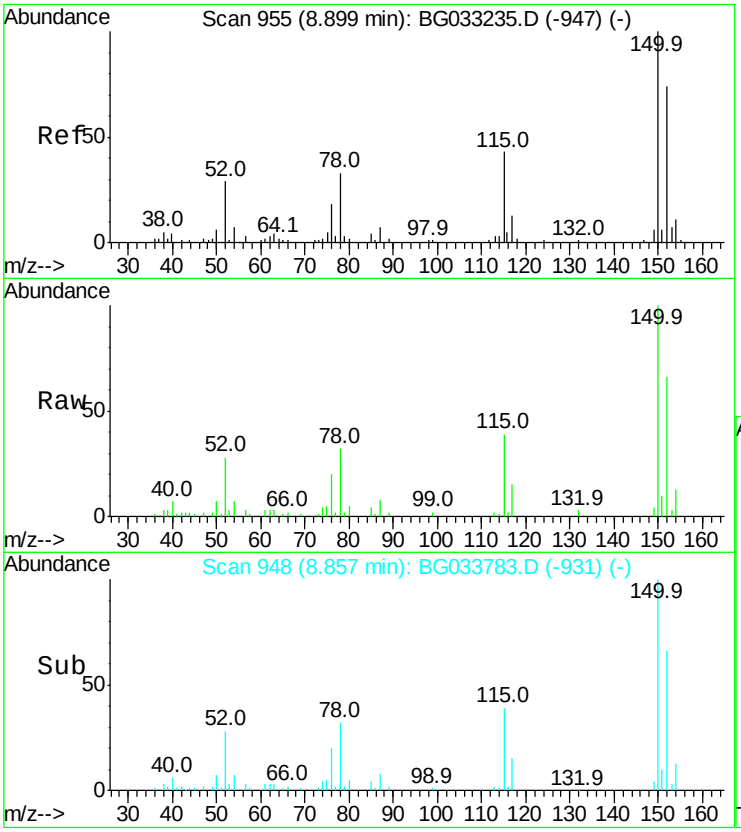


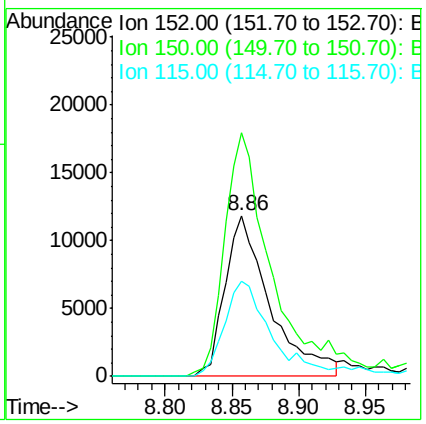


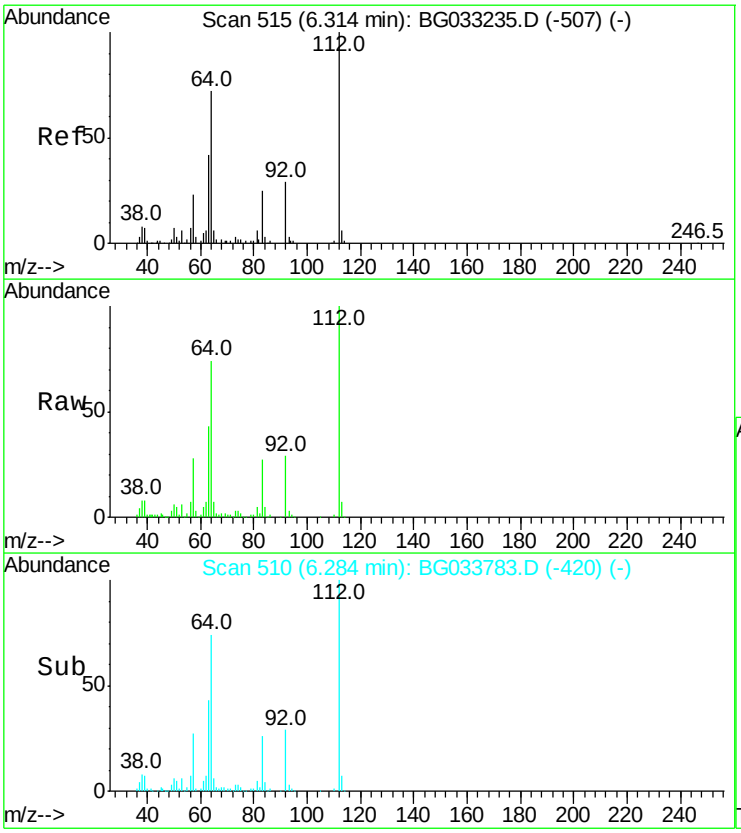
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 27850

Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.6	189.8
115	58.9	53.0	79.4

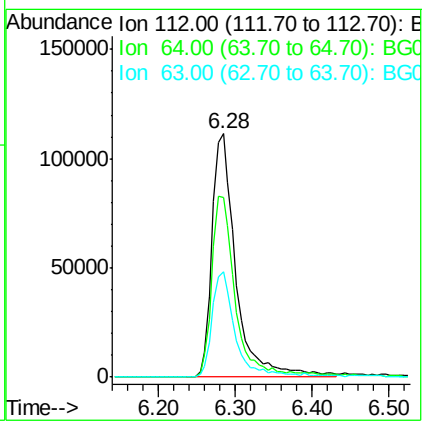


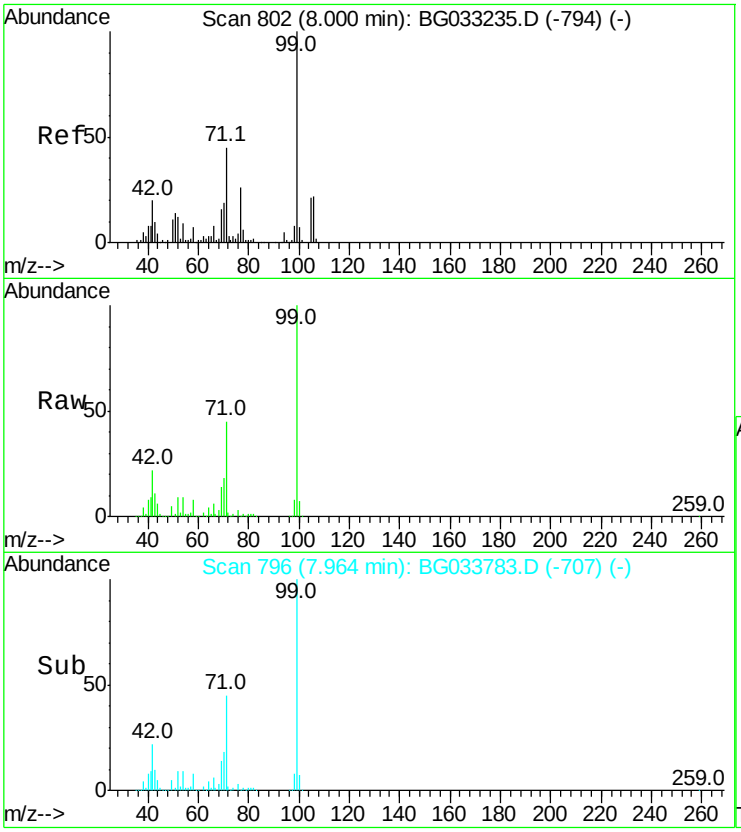


#5
2-Fluorophenol
Concen: 160.521 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Tgt Ion:112 Resp: 238412

Ion	Ratio	Lower	Upper
112	100		
64	73.5	56.3	84.5
63	43.4	30.1	45.1



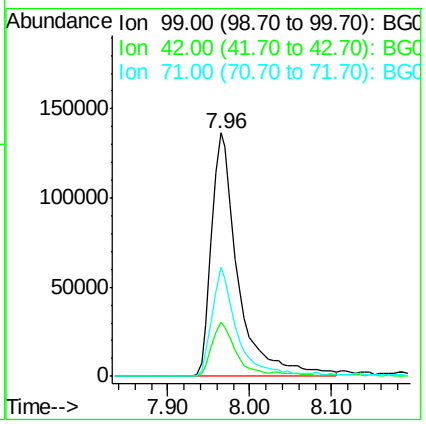


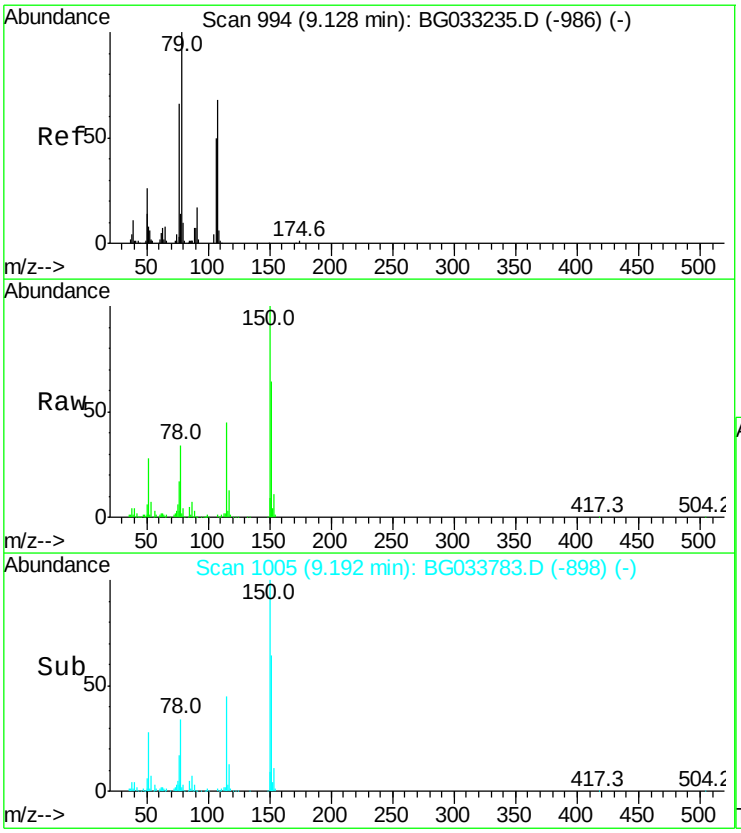
#7
Phenol-d6
Concen: 121.416 ng
RT: 7.96 min Scan# 796
Delta R.T. -0.01 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 309847

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.1	21.1#
71	44.9	26.1	39.1#

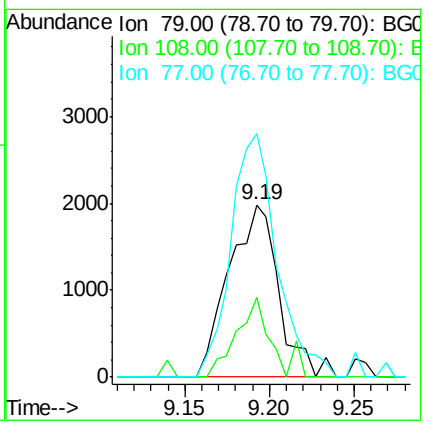


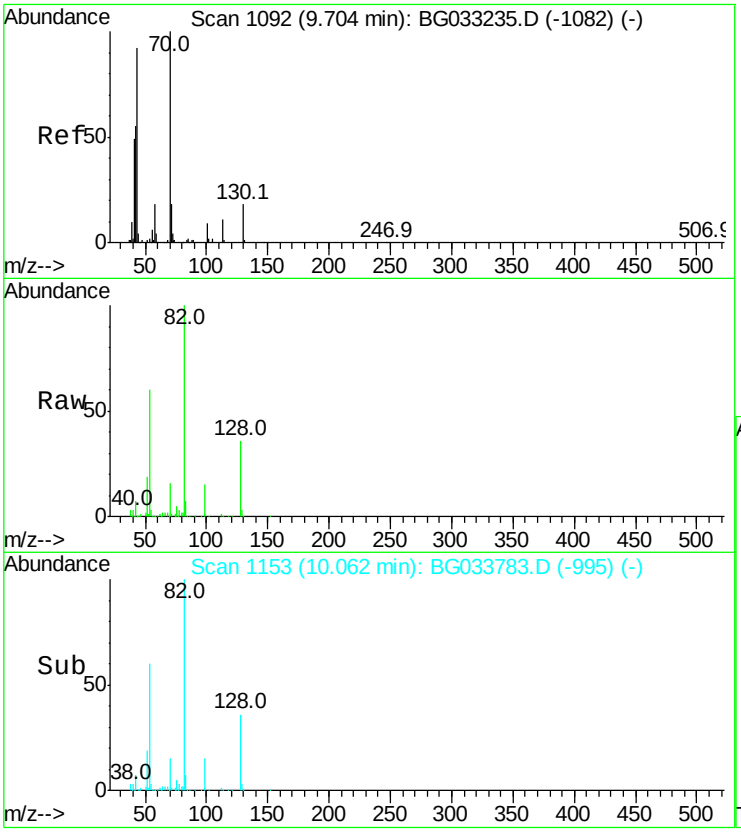


#15
Benzyl Alcohol
Concen: 2.041 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.10 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Tgt Ion: 79 Resp: 4101

Ion	Ratio	Lower	Upper
79	100		
108	46.7	57.2	85.8#
77	141.4	46.1	69.1#



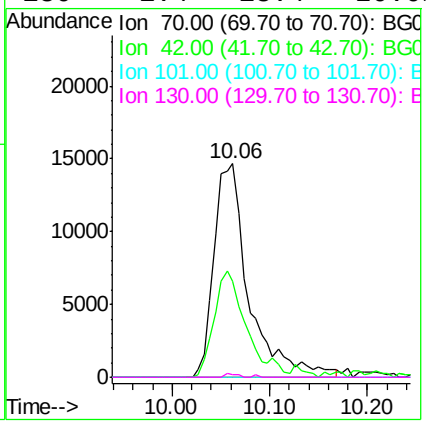


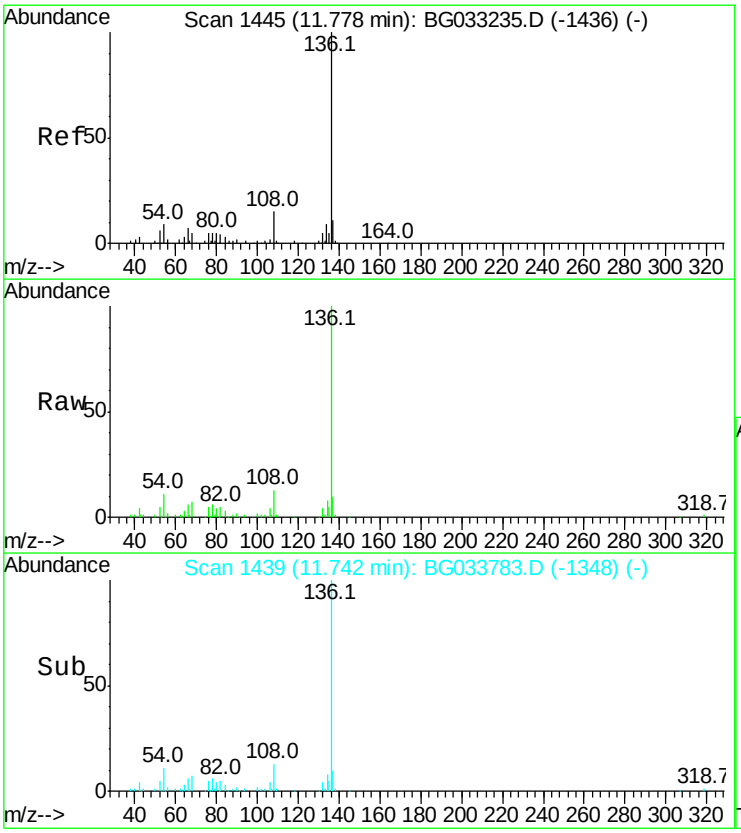
#19
n-Nitroso-di-n-propylamine
Concen: 19.440 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 36353

Ion	Ratio	Lower	Upper
70	100		
42	45.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#

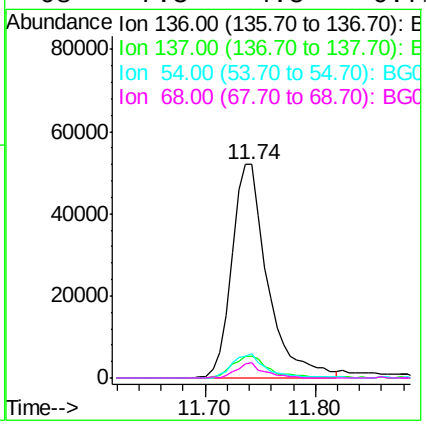


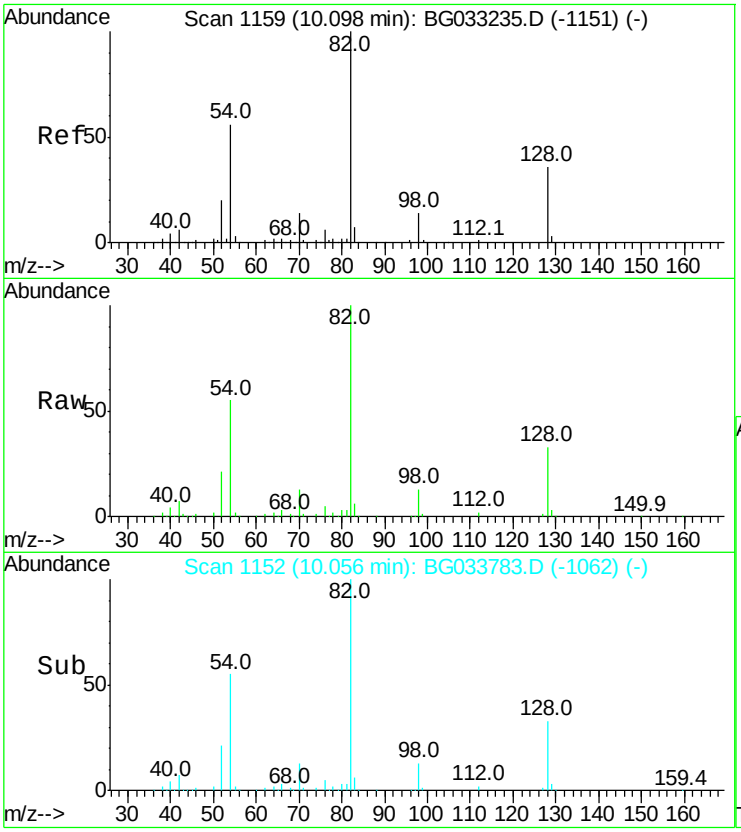


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Tgt Ion:136 Resp: 118101

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	11.6	10.3	15.5
68	7.3	4.5	6.7#



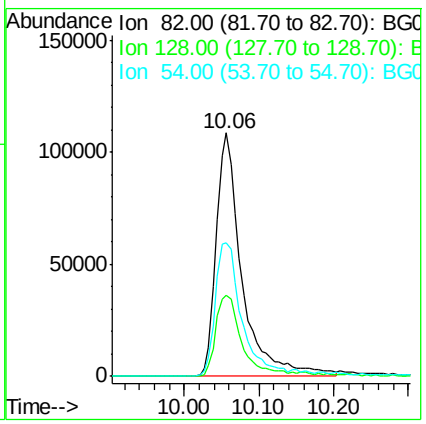


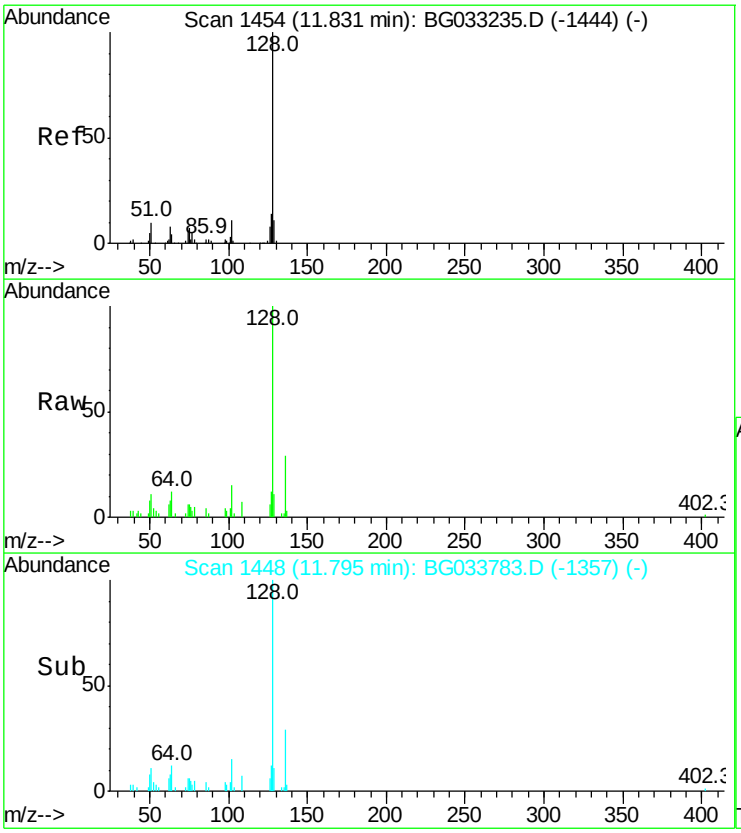
#23
Nitrobenzene-d5
Concen: 101.286 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 260360

Ion	Ratio	Lower	Upper
82	100		
128	33.0	29.7	44.5
54	54.7	43.1	64.7

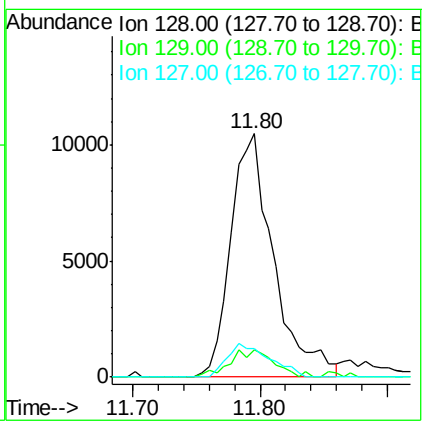


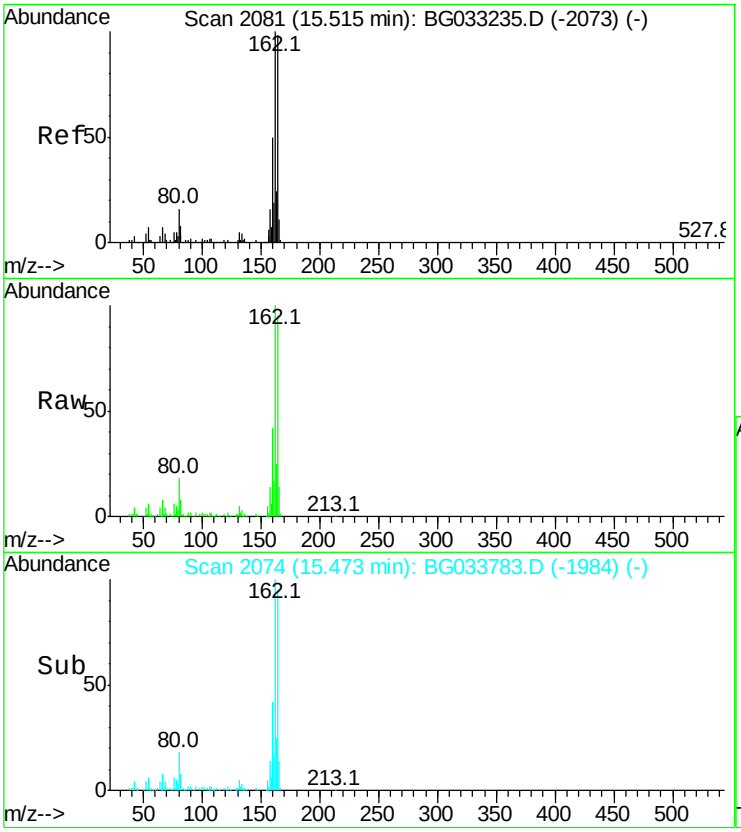


#31
Naphthalene
Concen: 4.003 ng
RT: 11.80 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Tgt Ion:128 Resp: 24497

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	11.9	11.6	17.4



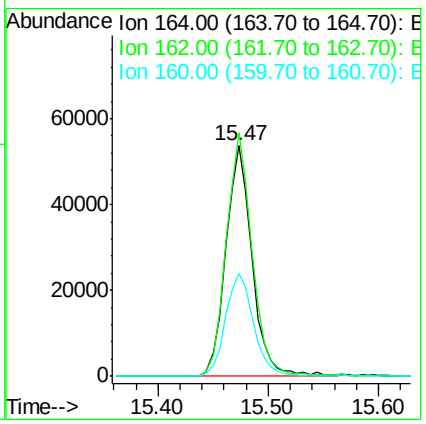


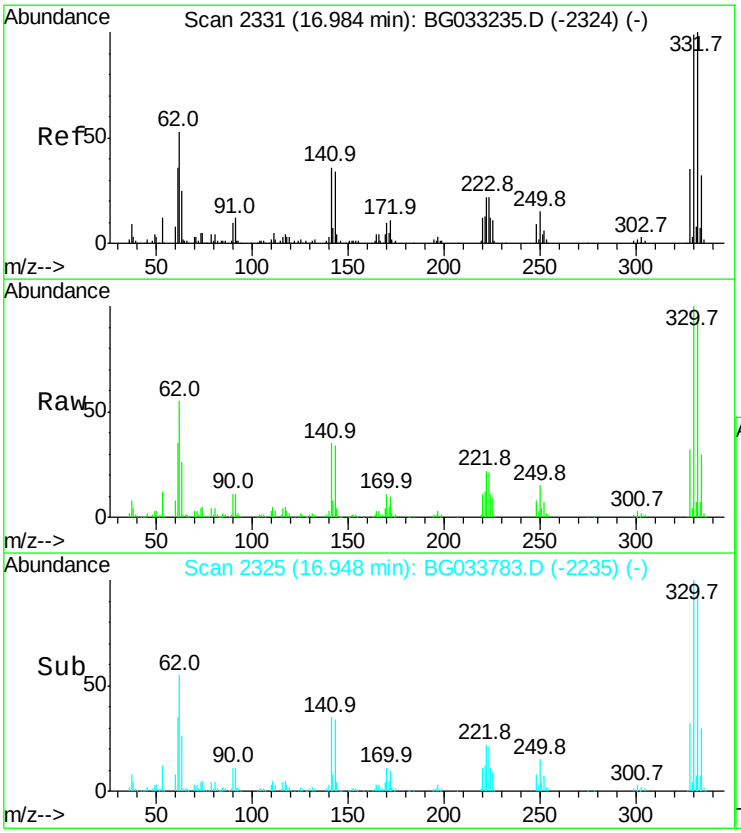
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 89573

Ion	Ratio	Lower	Upper
164	100		
162	105.7	78.8	118.2
160	44.8	35.4	53.0

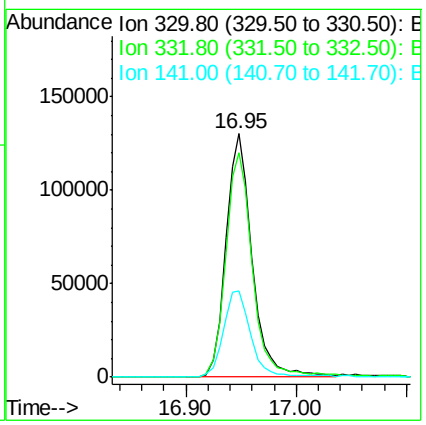


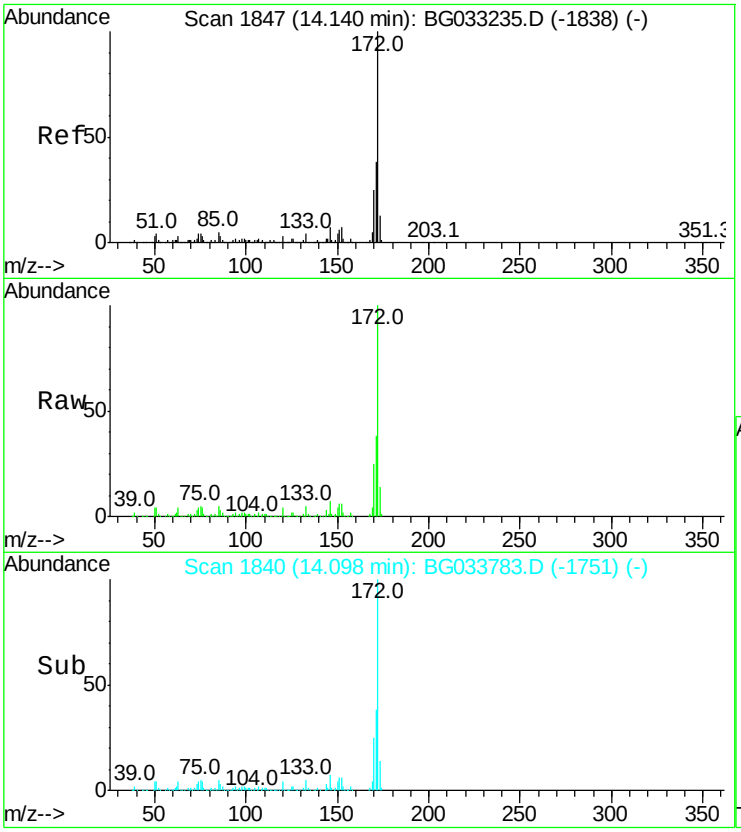


#41
2,4,6-Tribromophenol
Concen: 161.596 ng
RT: 16.95 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Tgt Ion:330 Resp: 216485

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	36.6	25.2	37.8



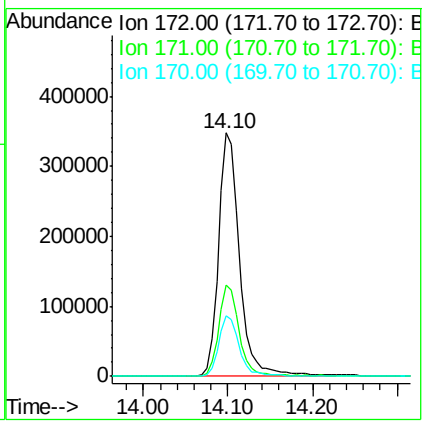


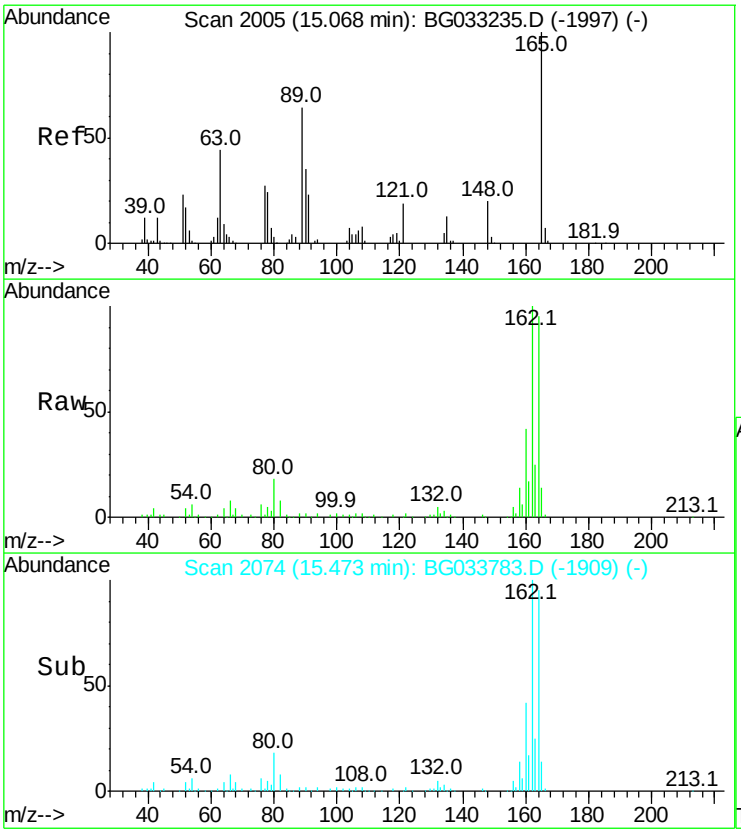
#44
2-Fluorobiphenyl
Concen: 97.096 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 602452

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.8	19.5	29.3

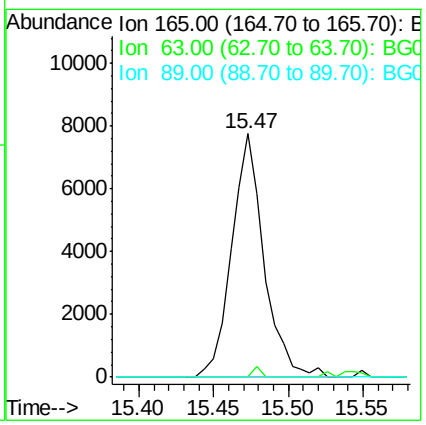


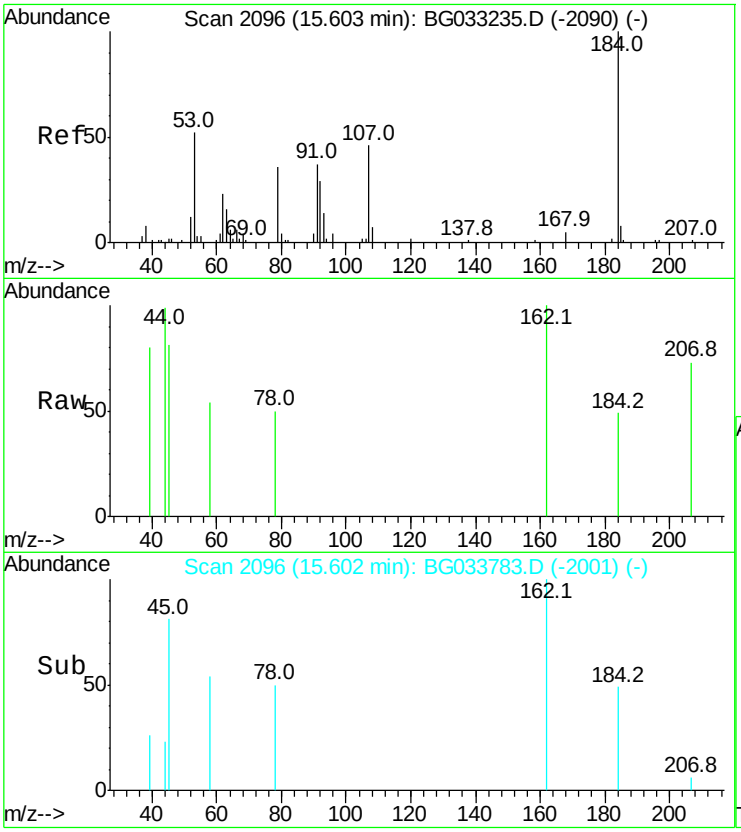


#50
2,6-Dinitrotoluene
Concen: 7.313 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Tgt Ion:165 Resp: 11657

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



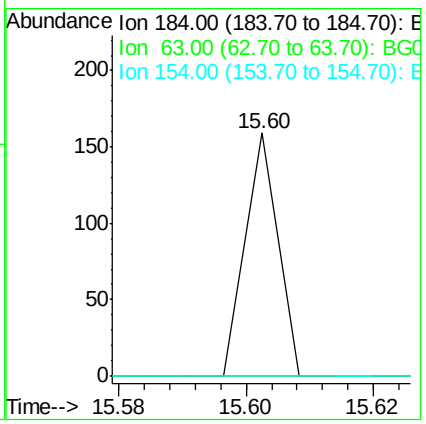


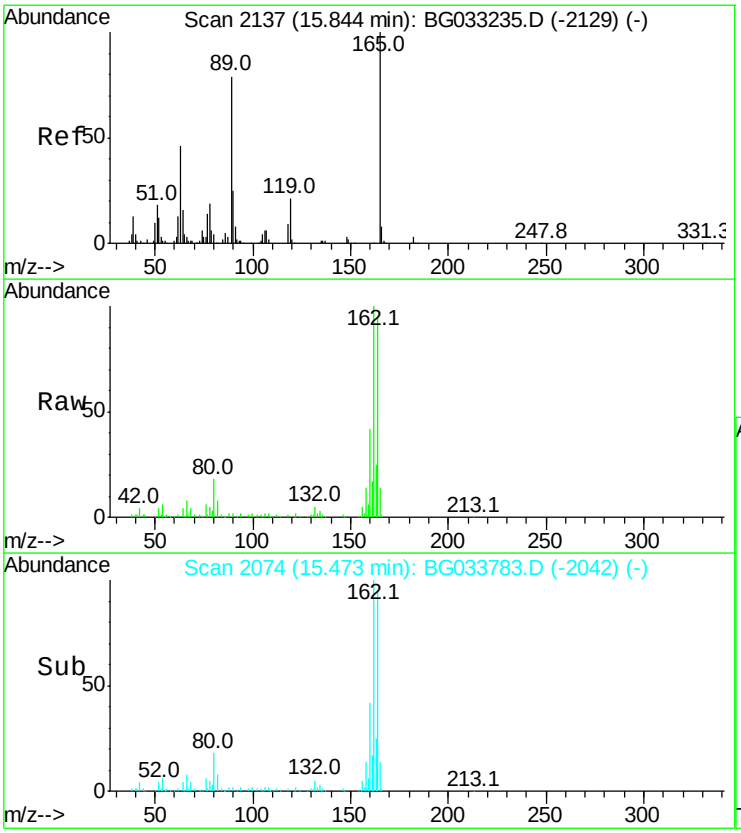
#53
2,4-Dinitrophenol
Concen: 7.704 ng
RT: 15.60 min Scan# 2096
Delta R.T. 0.03 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 56

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

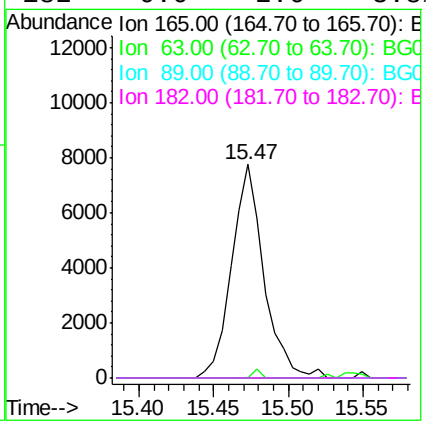


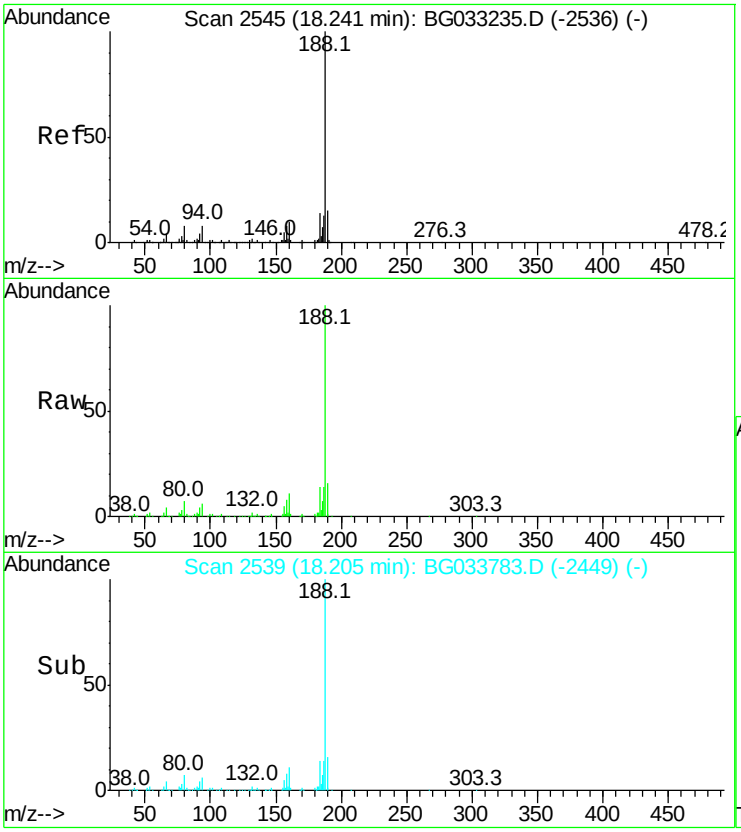


#56
2,4-Dinitrotoluene
Concen: 4.967 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Tgt Ion:165 Resp: 11657

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#



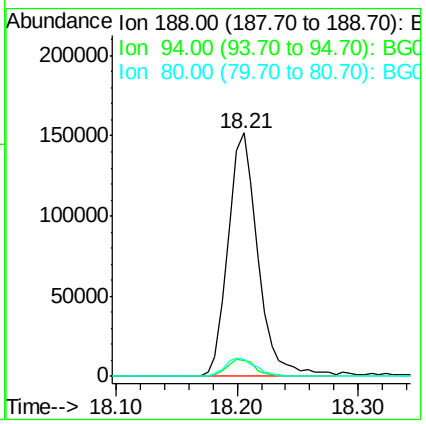


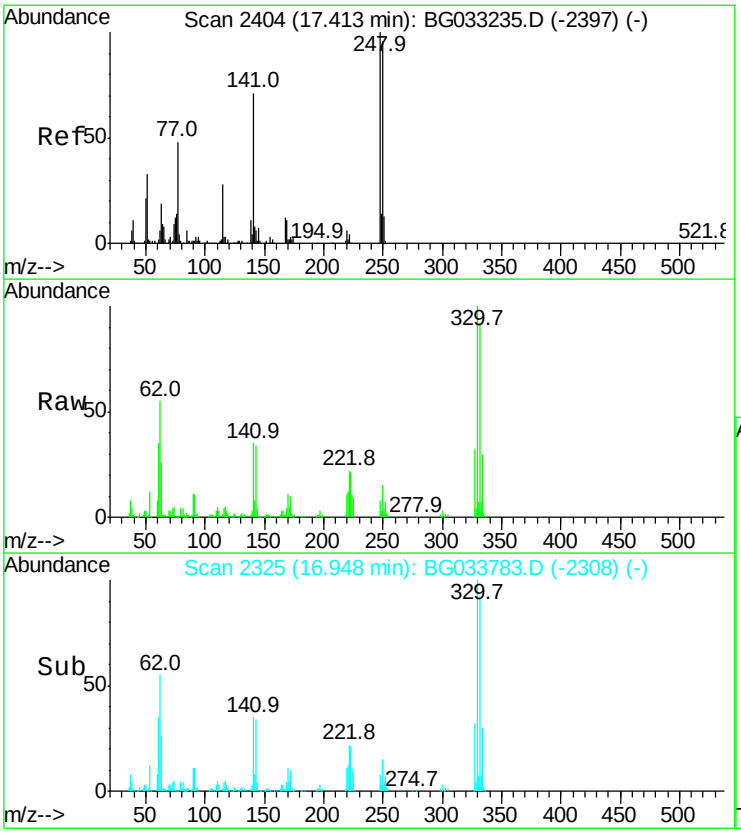
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 262859

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.1	7.7	11.5#

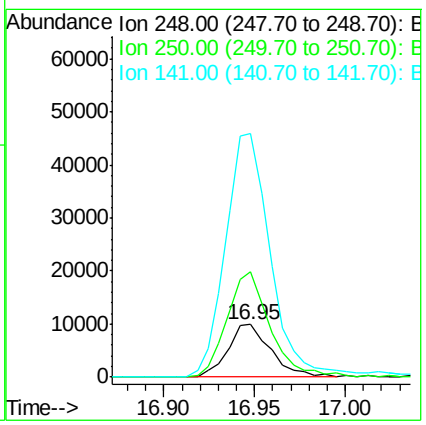


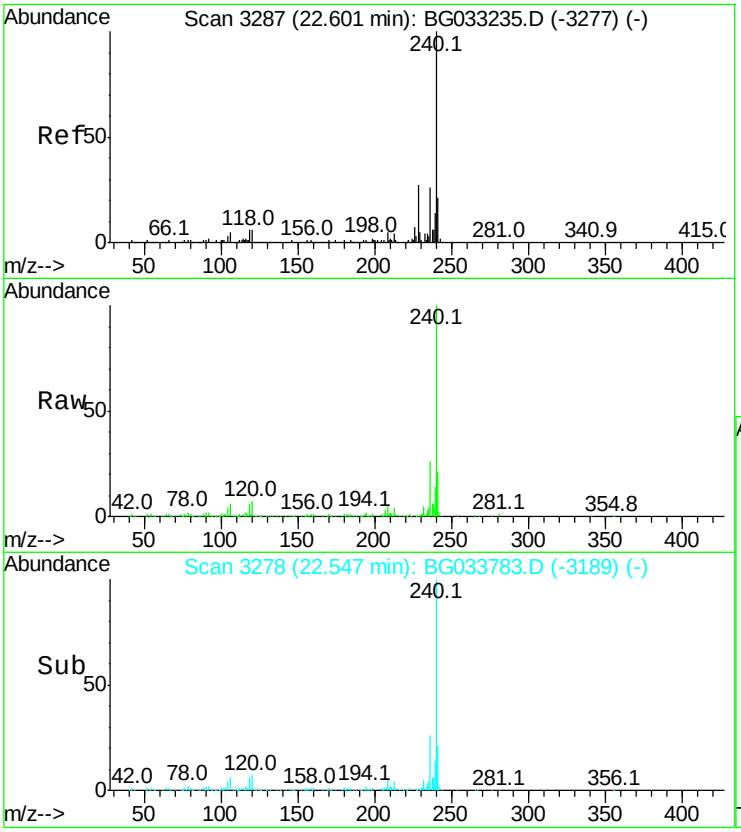


#66
4-Bromophenyl-phenylether
Concen: 5.334 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Tgt Ion:248 Resp: 16465

Ion	Ratio	Lower	Upper
248	100		
250	254.1	77.1	115.7#
141	461.9	50.8	76.2#



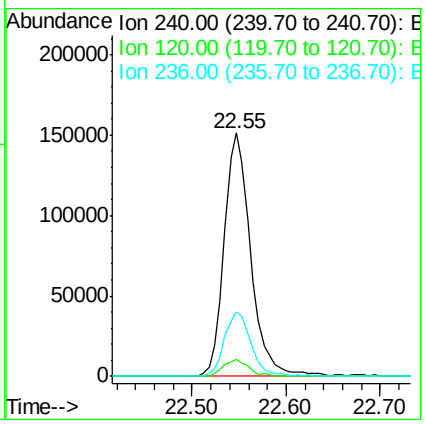


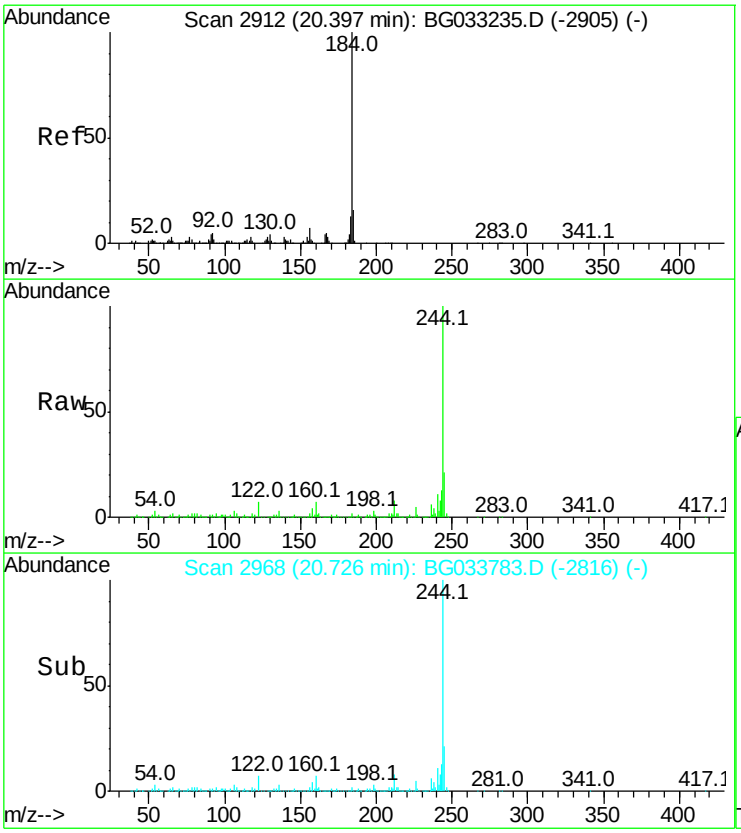
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 296121

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.8	10.2
236	26.2	20.9	31.3

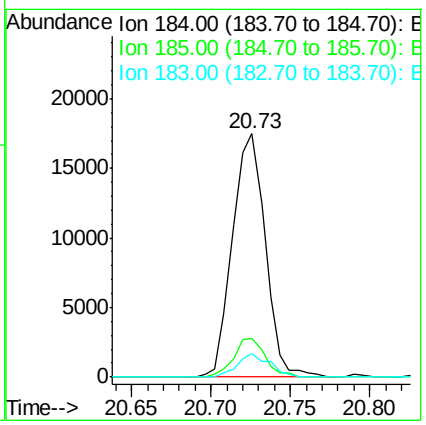


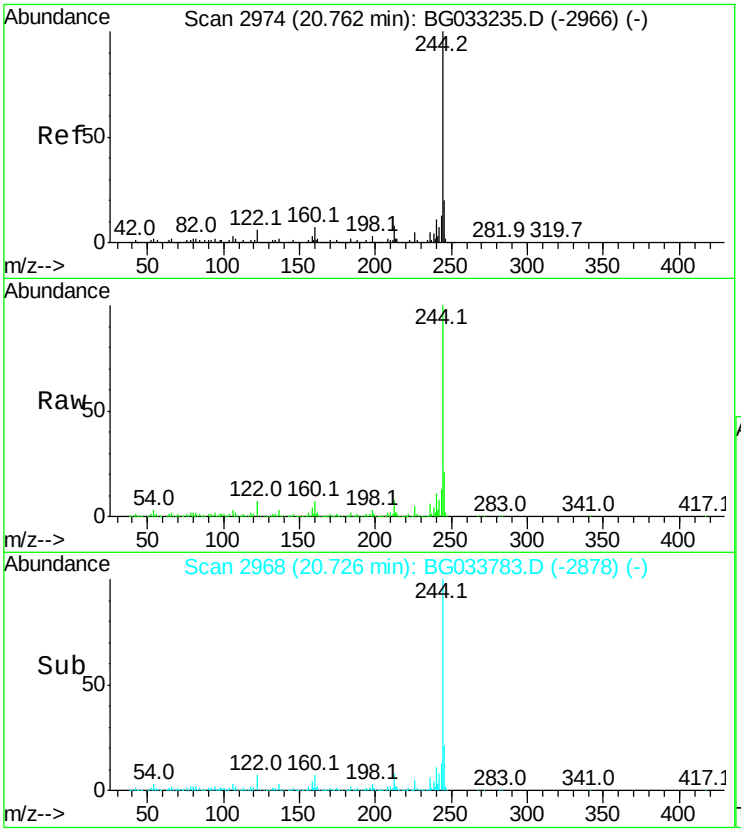


#76
Benzidine
Concen: 3.122 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Tgt Ion:184 Resp: 25072

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.1	16.7
183	9.8	10.6	16.0#



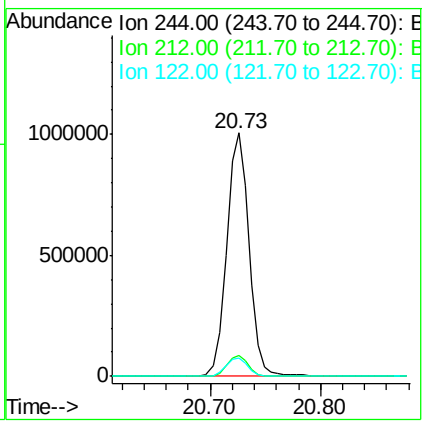


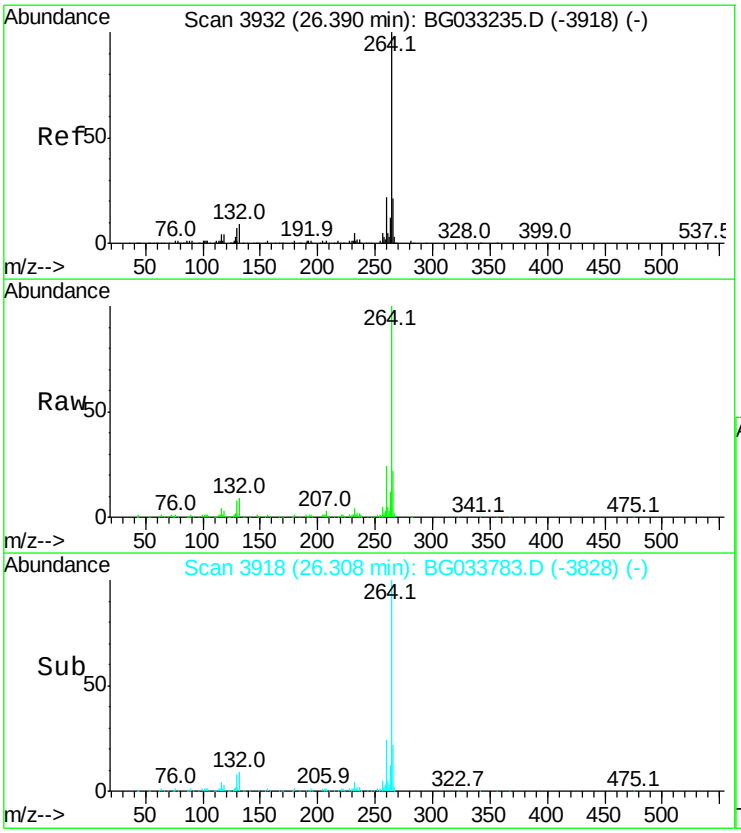
#78
Terphenyl-d14
Concen: 102.939 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1425333

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	7.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BG033783.D
Acq: 12 Apr 2018 21:49

Tgt Ion:264 Resp: 319512

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.7	17.7	26.5