Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033715.D
Acq On : 10 Apr 2018 16:08
Operator : SJ/JU
Sample : J2158-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 10 16:53:48 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	34019	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	136285	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	97755	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	279997	20.00	ng	0.00
75) Chrysene-d12	22.55	240	324005	20.00	ng	0.00
86) Perylene-d12	26.31	264	345360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	294323	162.23	ng	0.00
7) Phenol-d6	7.97	99	401191	128.70	ng	0.00
23) Nitrobenzene-d5	10.06	82	311397	104.98	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	232596	159.09	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	692063	102.20	ng	0.00
78) Terphenyl-d14	20.73	244	1615114	106.61	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.19	79	5244	2.137	ng	# 50
19) n-Nitroso-di-n-propylamine	10.05	70	41887	18.338	ng	# 77
50) 2,6-Dinitrotoluene	15.47	165	12055	6.930	ng	# 21
53) 2,4-Dinitrophenol	15.27	184	69	7.712	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	12055	4.707	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	17560	5.340	ng	# 1
76) Benzidine	20.73	184	27121	3.087	ng	# 93

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

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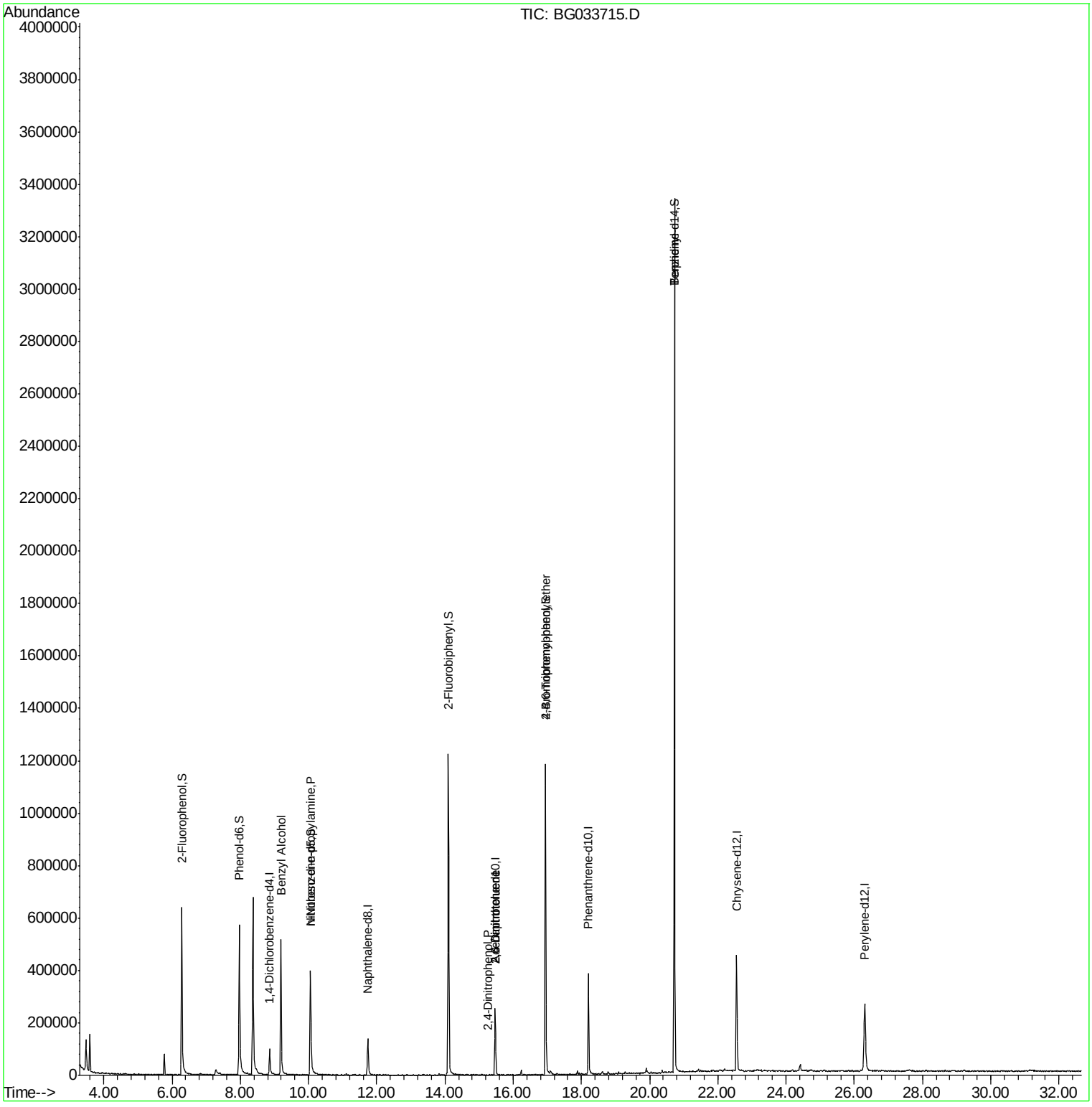
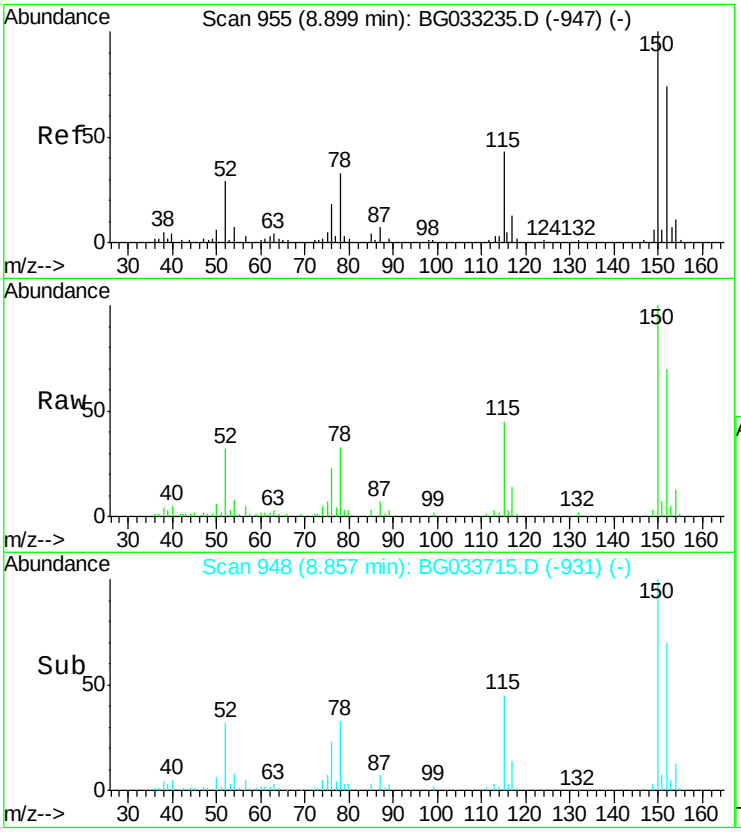


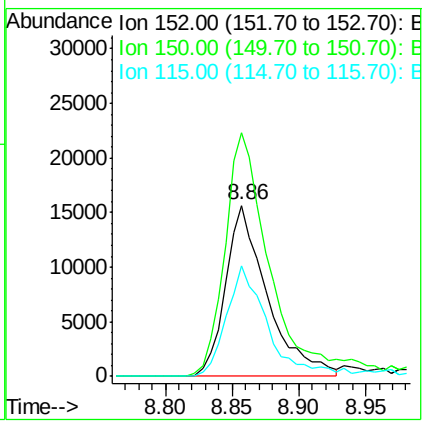


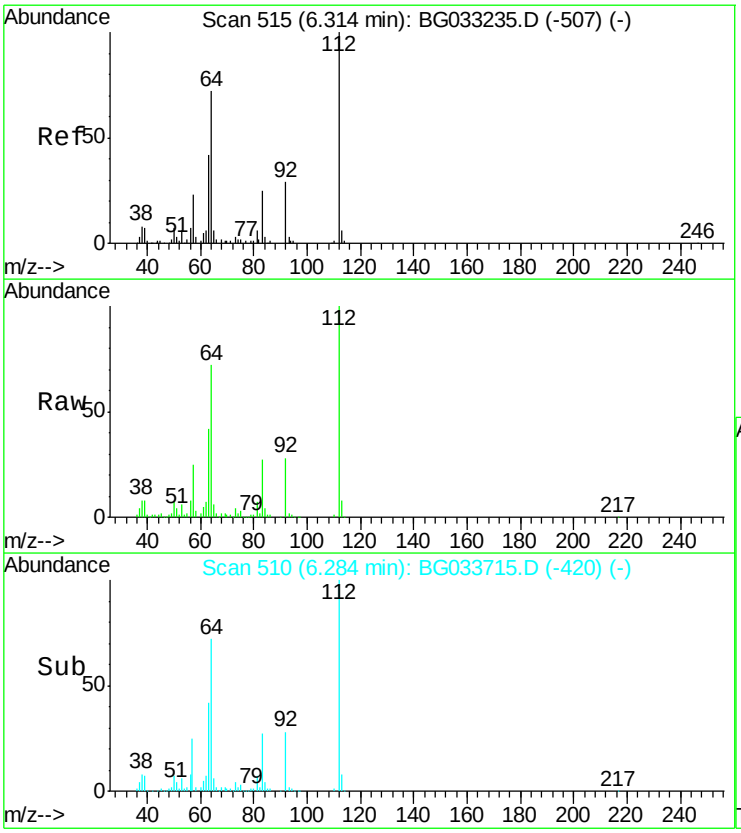
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 34019

Ion	Ratio	Lower	Upper
152	100		
150	142.6	126.6	189.8
115	64.8	53.0	79.4

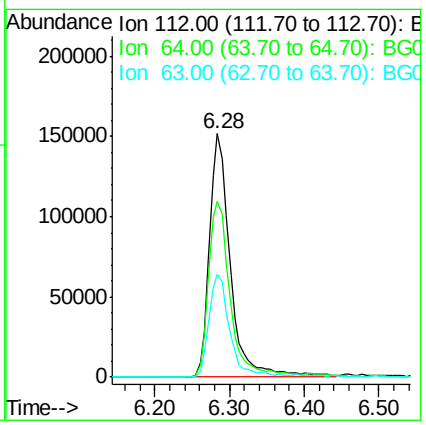


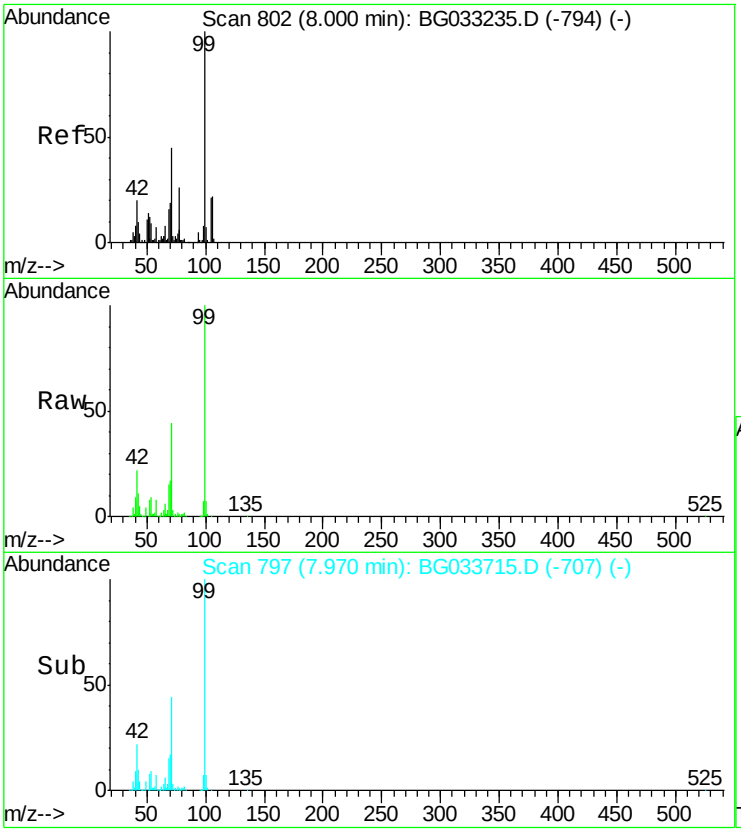


#5
2-Fluorophenol
Concen: 162.230 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Tgt Ion:112 Resp: 294323

Ion	Ratio	Lower	Upper
112	100		
64	72.4	56.3	84.5
63	42.3	30.1	45.1



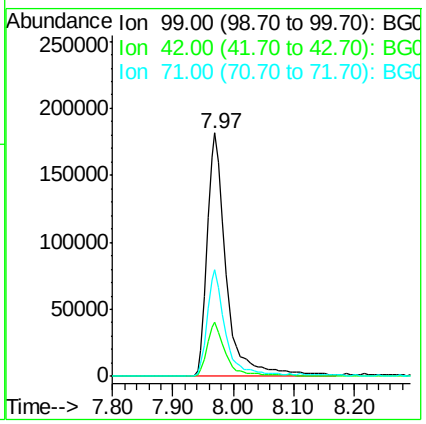


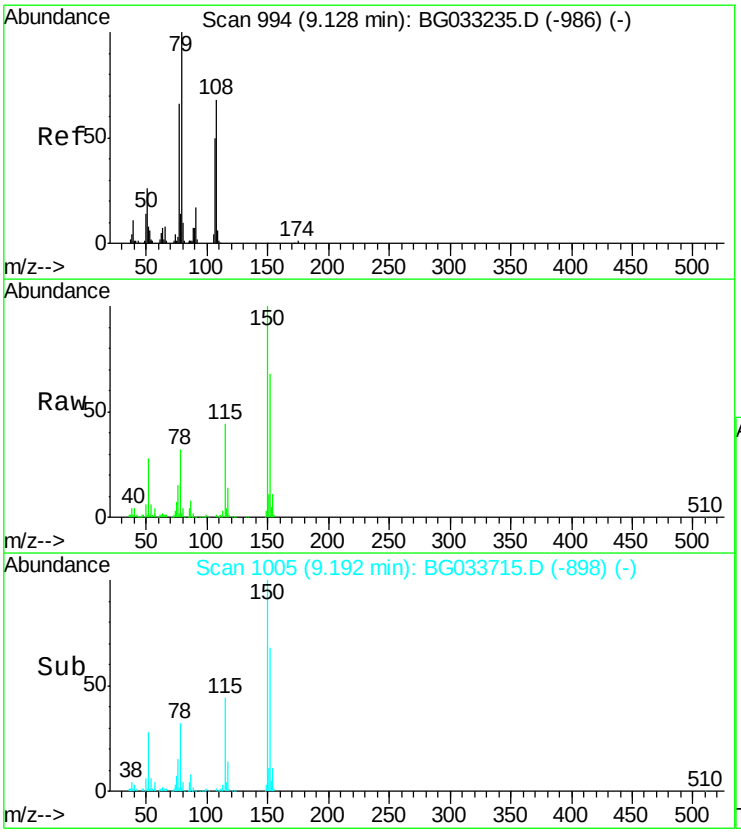
#7
Phenol-d6
Concen: 128.702 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 401191

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.1	21.1#
71	43.6	26.1	39.1#

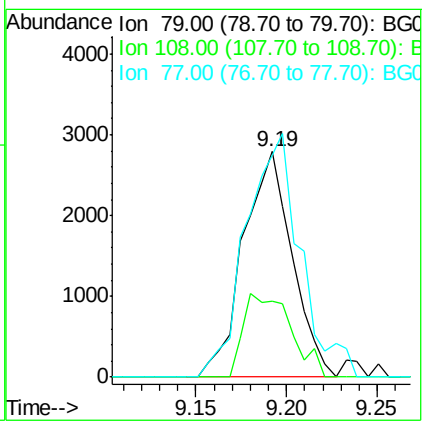


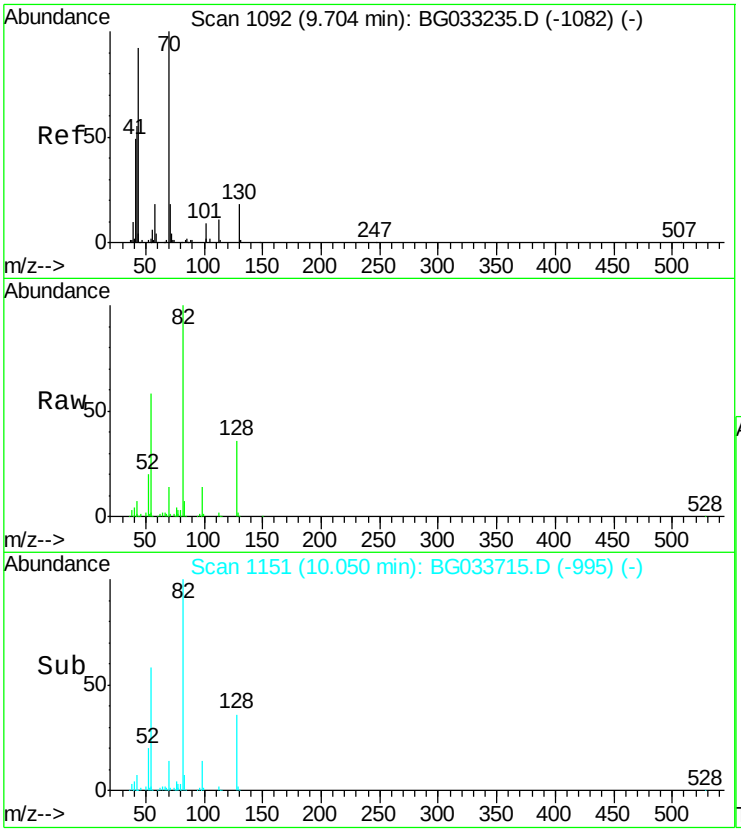


#15
Benzyl Alcohol
Concen: 2.137 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.10 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Tgt Ion: 79 Resp: 5244

Ion	Ratio	Lower	Upper
79	100		
108	33.5	57.2	85.8#
77	98.4	46.1	69.1#



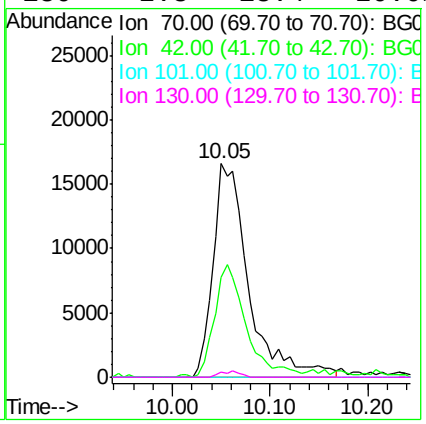


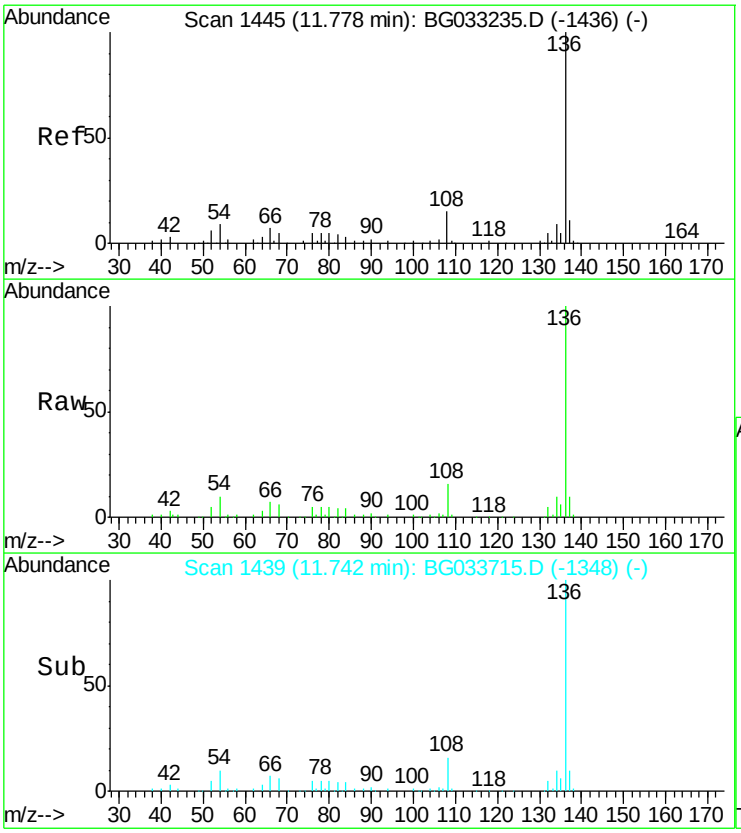
#19
n-Nitroso-di-n-propylamine
Concen: 18.338 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 41887

Ion	Ratio	Lower	Upper
70	100		
42	46.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#

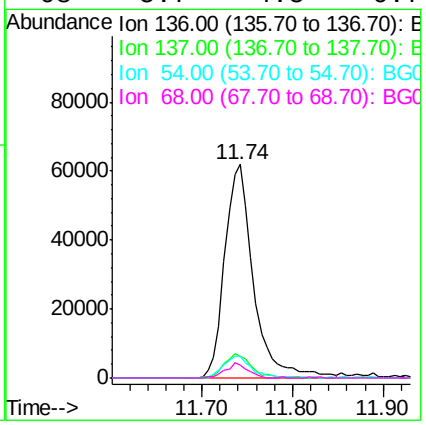


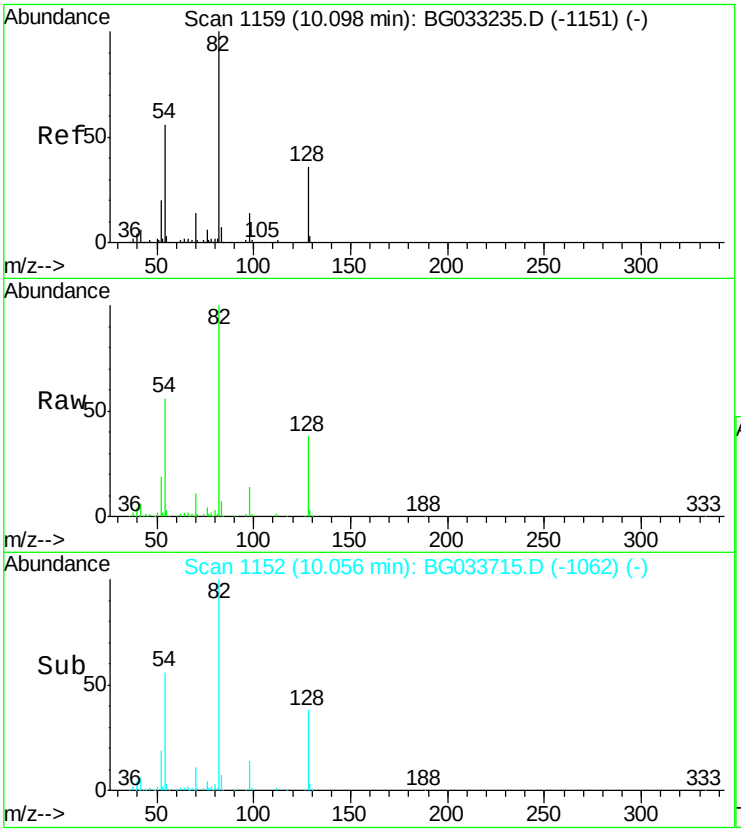


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Tgt Ion:136 Resp: 136285

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	10.3	10.3	15.5#
68	5.7	4.5	6.7



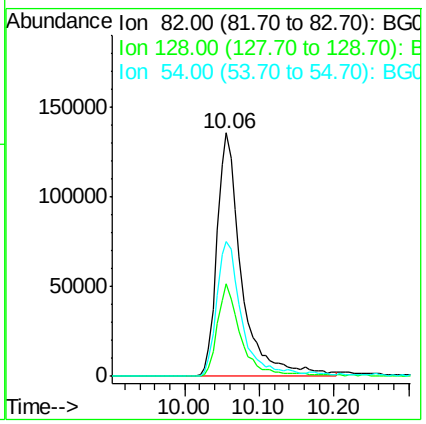


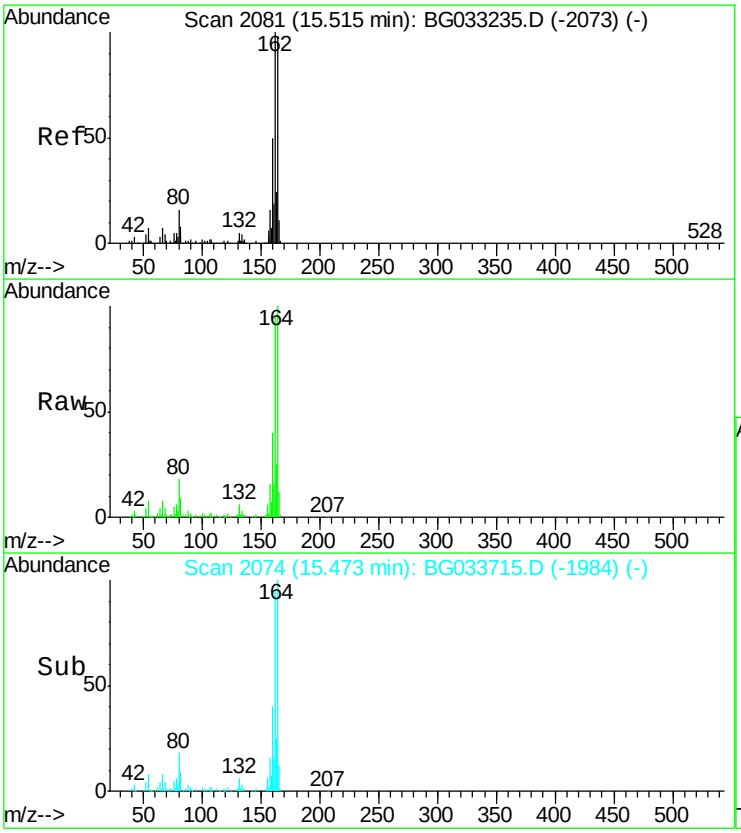
#23
Nitrobenzene-d5
Concen: 104.977 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 311397

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.7	44.5
54	55.6	43.1	64.7

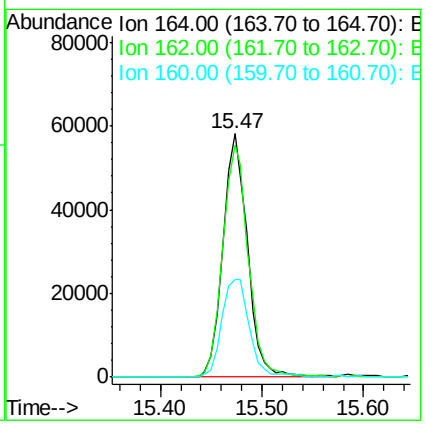


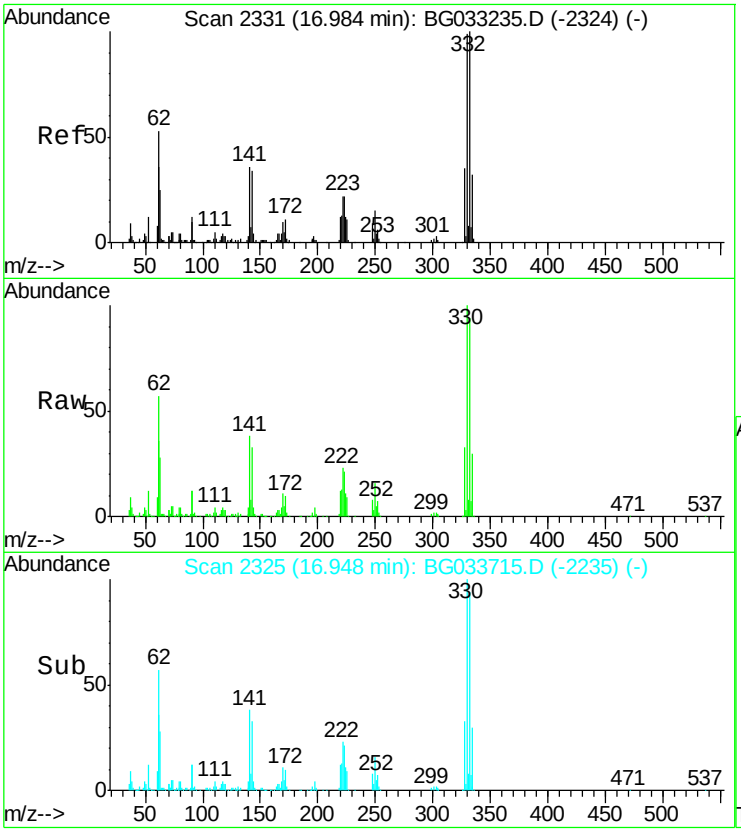


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Tgt Ion:164 Resp: 97755

Ion	Ratio	Lower	Upper
164	100		
162	95.4	78.8	118.2
160	40.2	35.4	53.0



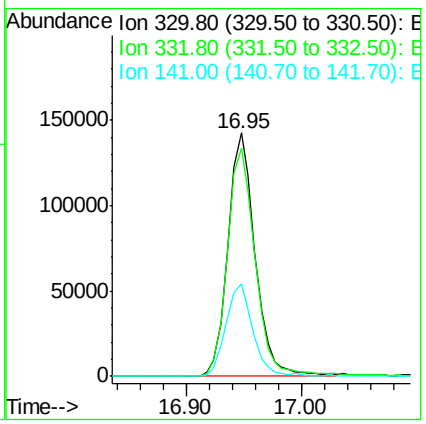


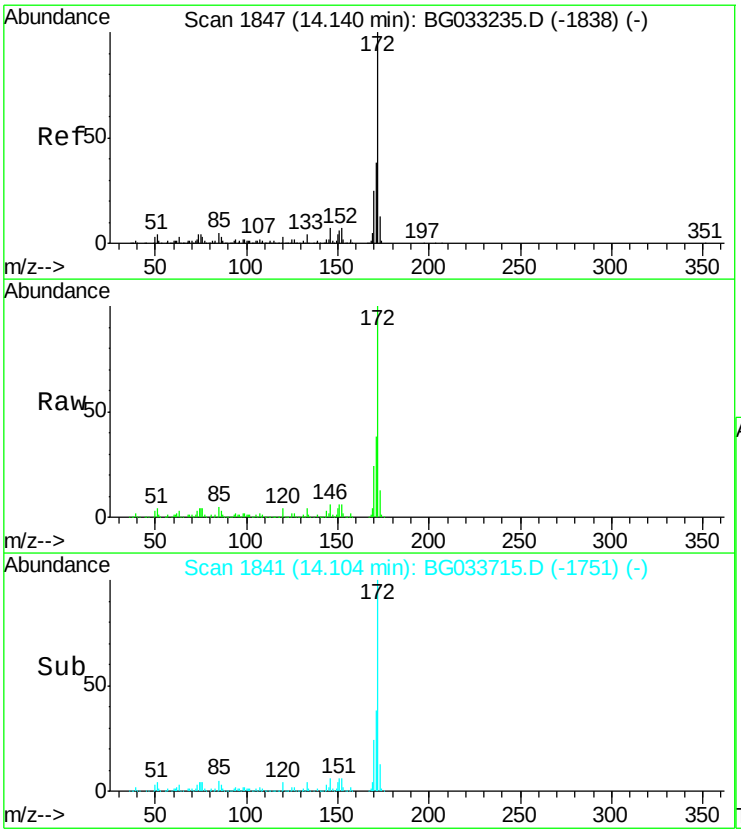
#41
2,4,6-Tribromophenol
Concen: 159.090 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 232596

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	37.8	25.2	37.8

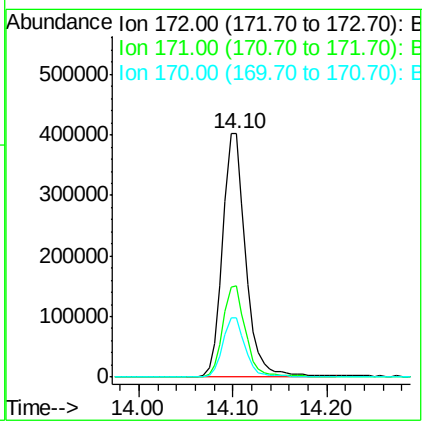


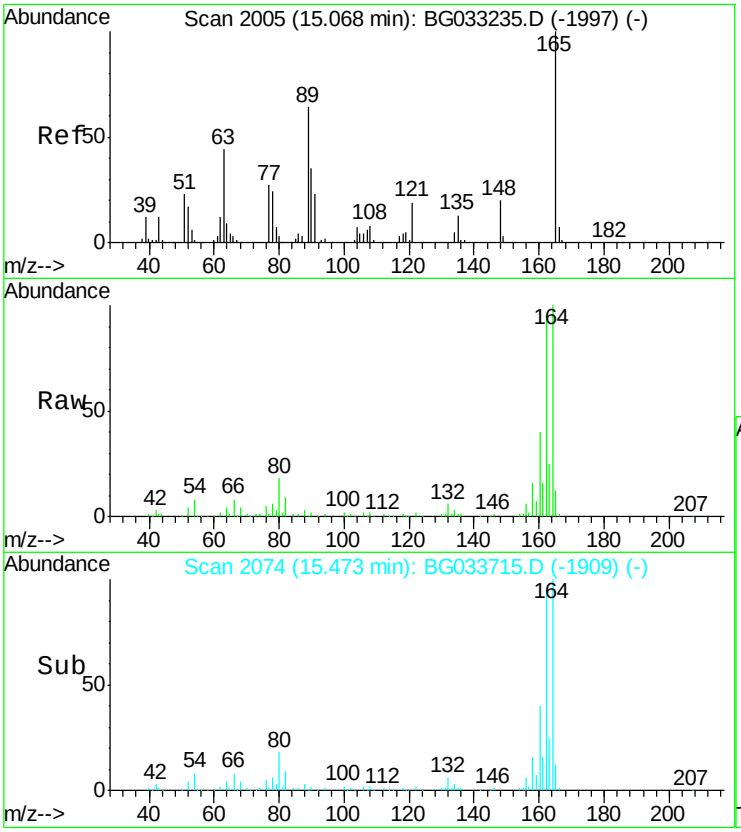


#44
2-Fluorobiphenyl
Concen: 102.203 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Tgt Ion:172 Resp: 692063

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.4	19.5	29.3



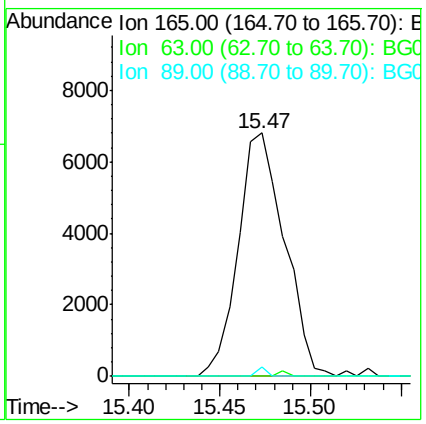


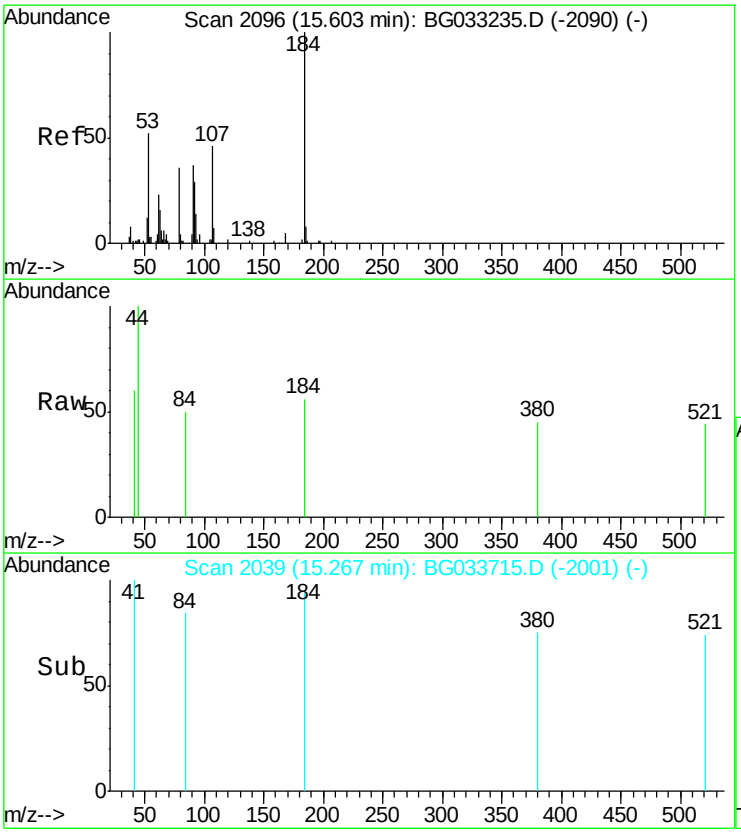
#50
2,6-Dinitrotoluene
Concen: 6.930 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12055

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	3.8	49.2	73.8#

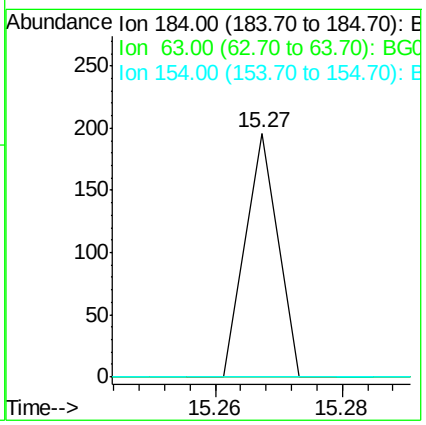


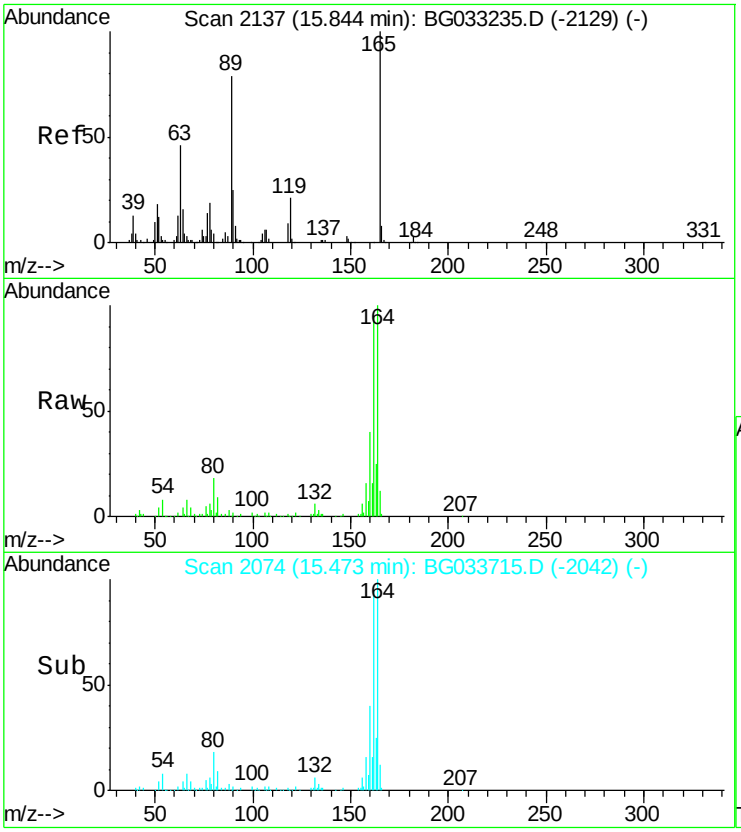


#53
2,4-Dinitrophenol
Concen: 7.712 ng
RT: 15.27 min Scan# 2039
Delta R.T. -0.31 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Tgt Ion:184 Resp: 69

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



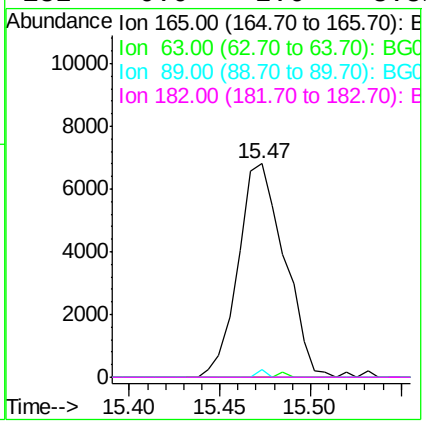


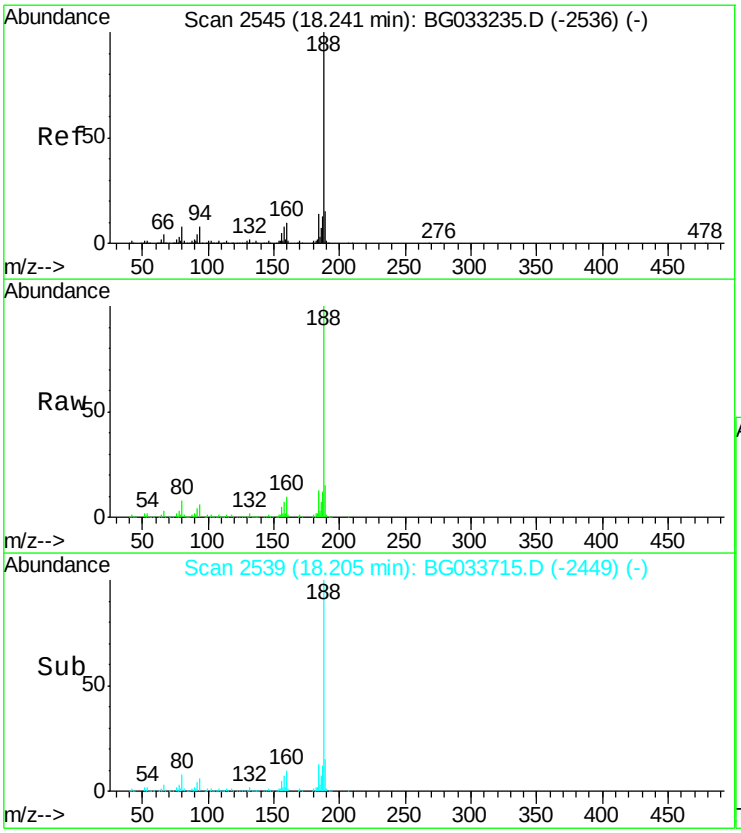
#56
2,4-Dinitrotoluene
Concen: 4.707 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12055

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

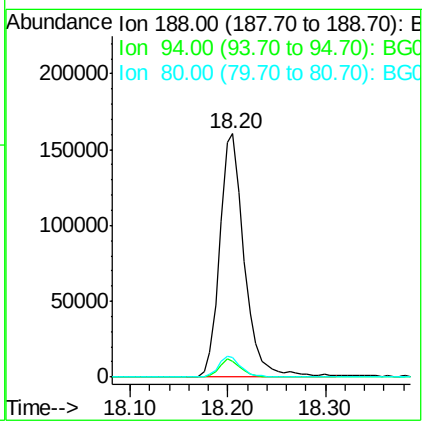


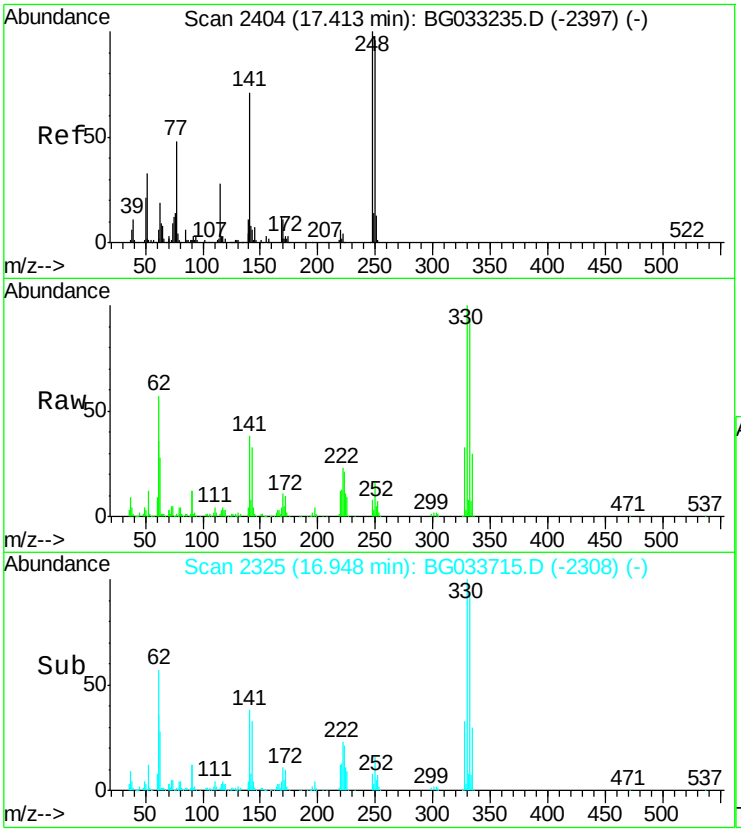


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Tgt Ion:188 Resp: 279997

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	8.0	7.7	11.5



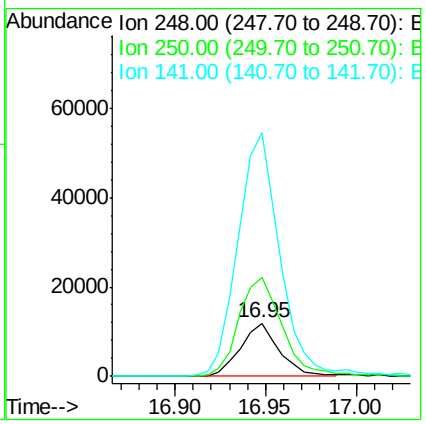


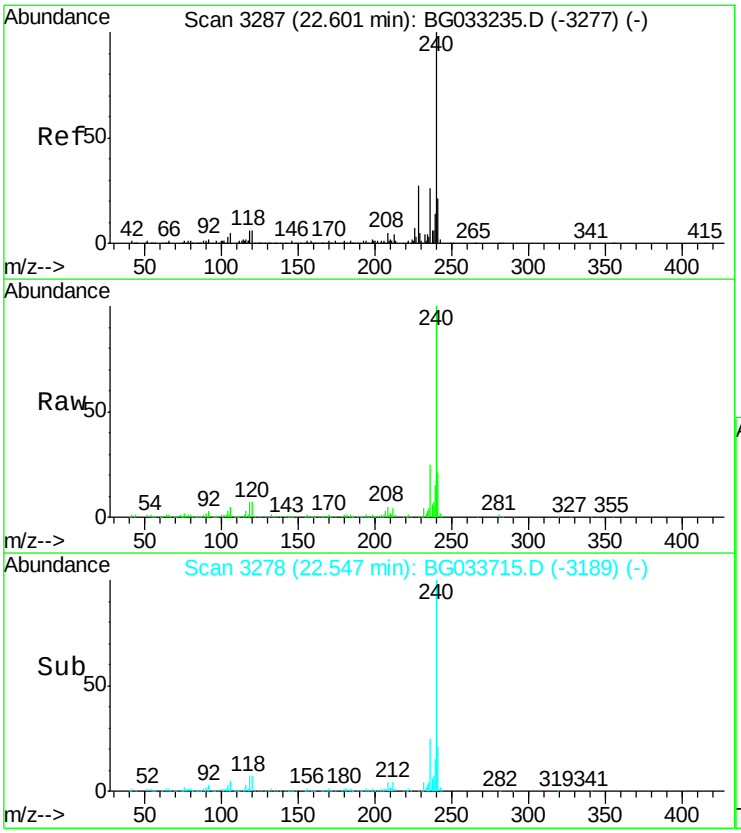
#66
4-Bromophenyl-phenylether
Concen: 5.340 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17560

Ion	Ratio	Lower	Upper
248	100		
250	187.9	77.1	115.7#
141	459.3	50.8	76.2#

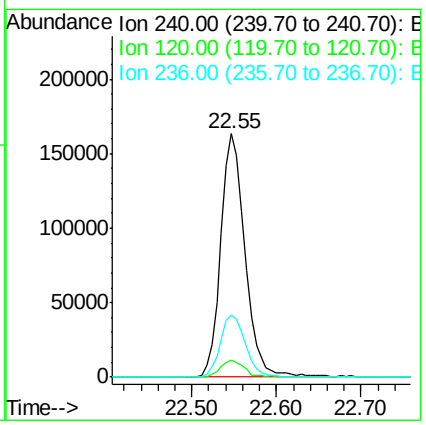


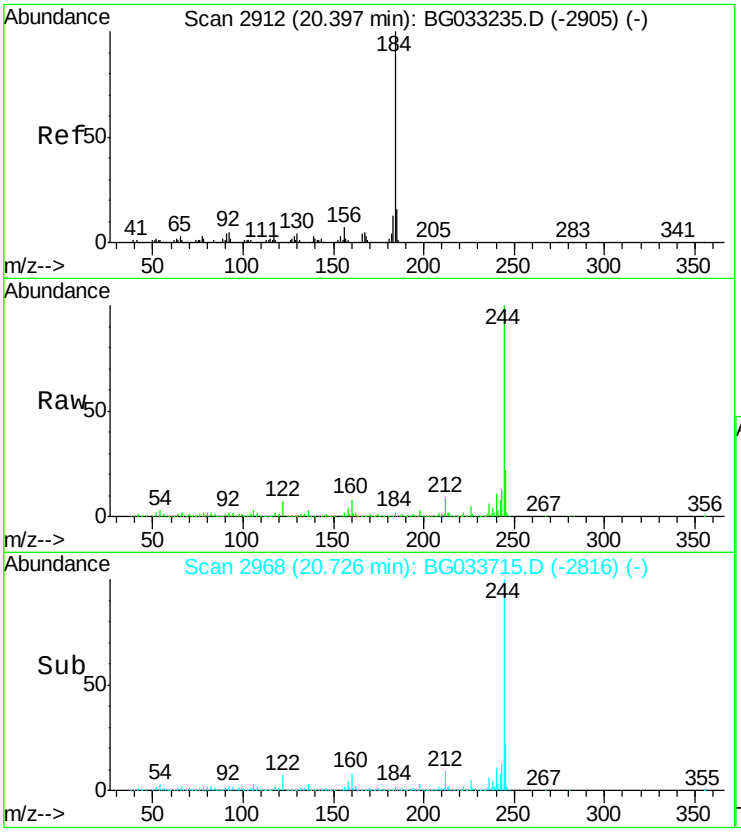


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Tgt Ion:240 Resp: 324005

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.8	10.2
236	25.5	20.9	31.3



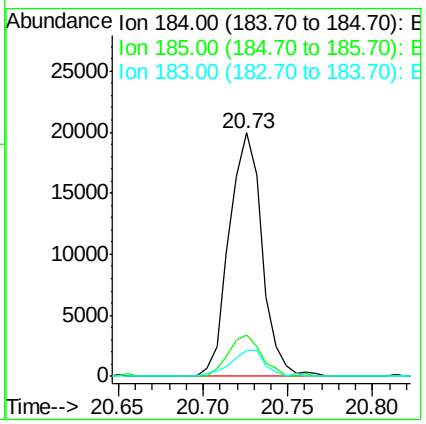


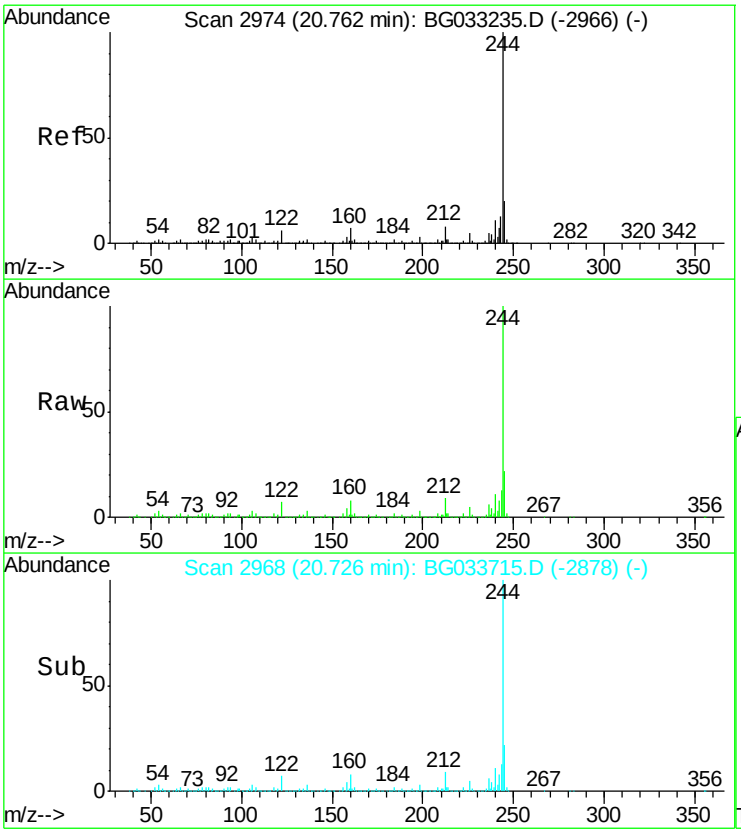
#76
Benzidine
Concen: 3.087 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 27121

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

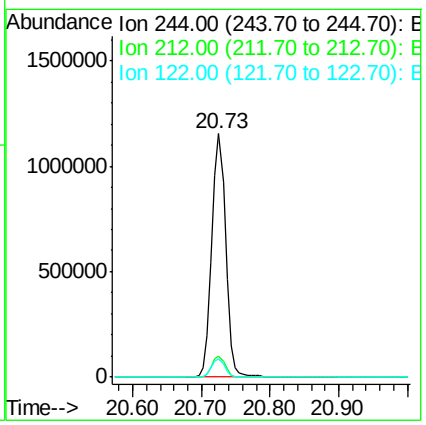


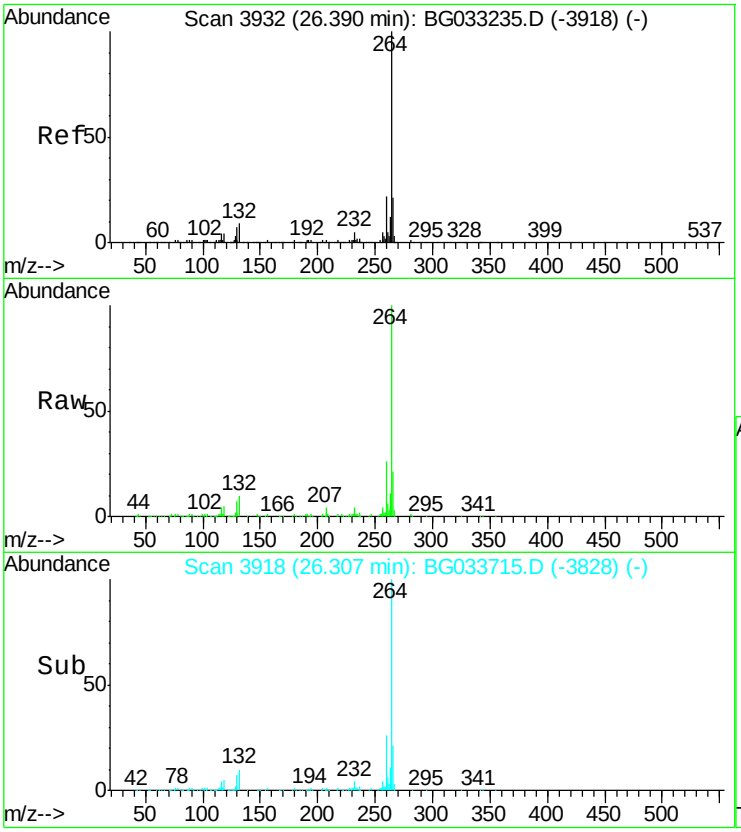


#78
Terphenyl-d14
Concen: 106.606 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.00 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Tgt Ion:244 Resp: 1615114

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	7.5	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: BG033715.D
Acq: 10 Apr 2018 16:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 345360

Ion	Ratio	Lower	Upper
264	100		
260	25.6	17.4	26.0
265	21.1	17.7	26.5