Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032218\
Data File : BG033302.D
Acq On : 22 Mar 2018 19:50
Operator : SJ/JU
Sample : J1992-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 23 04:16:43 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 22 17:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	38474	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	162661	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	133129	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	355960	20.00	ng	0.00
75) Chrysene-d12	22.59	240	363381	20.00	ng	0.00
86) Perylene-d12	26.38	264	372397	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	289140	140.92	ng	0.00
7) Phenol-d6	7.99	99	419344	118.95	ng	0.00
23) Nitrobenzene-d5	10.09	82	331067	93.51	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	271985	136.60	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	823341	89.28	ng	0.00
78) Terphenyl-d14	20.76	244	1633641	96.14	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.09	70	44913	17.386	ng	# 77
50) 2,6-Dinitrotoluene	15.51	165	16927	7.145	ng	# 21
56) 2,4-Dinitrotoluene	15.51	165	16987	4.870	ng	# 19
66) 4-Bromophenyl-phenylether	16.98	248	20287	4.853	ng	# 1
76) Benzidine	20.76	184	27659	2.807	ng	# 83

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

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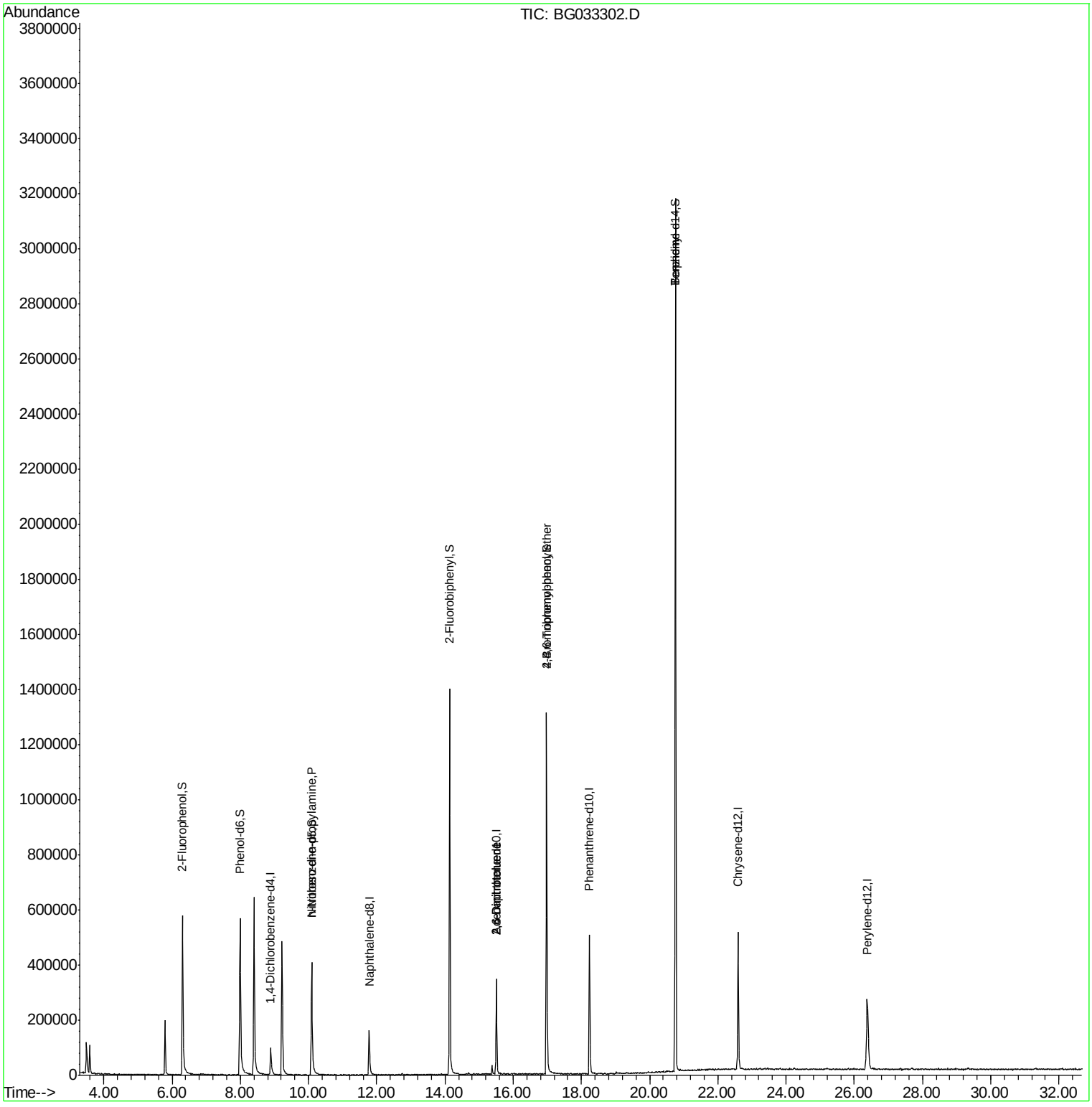
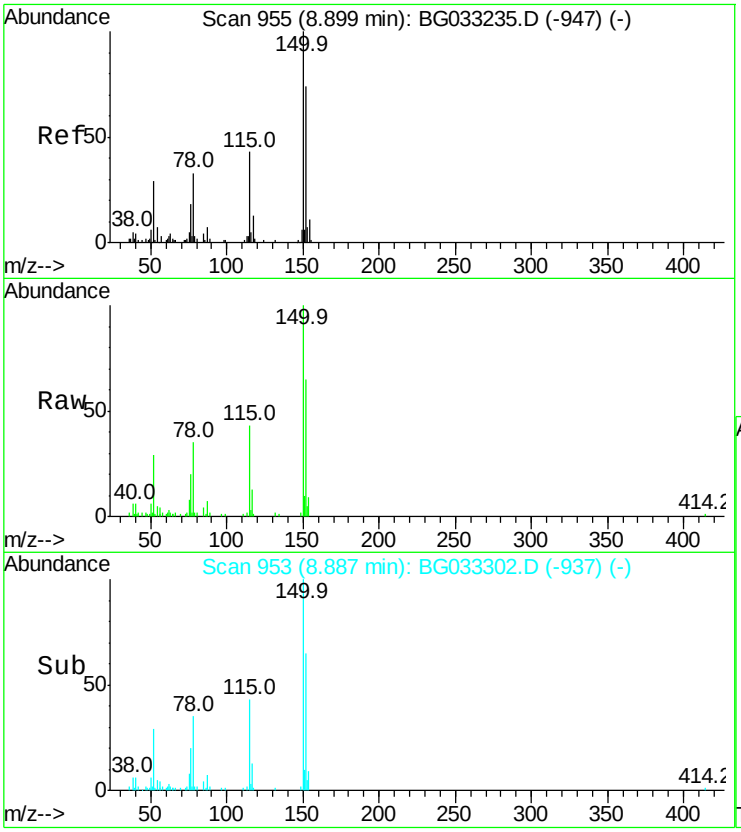


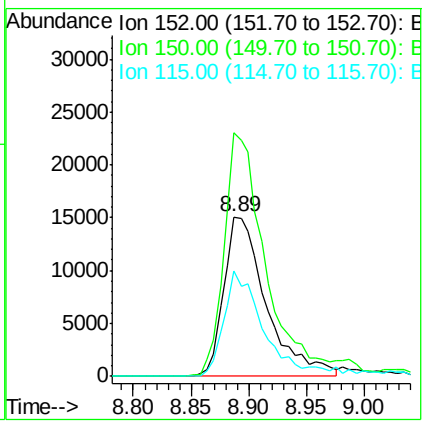


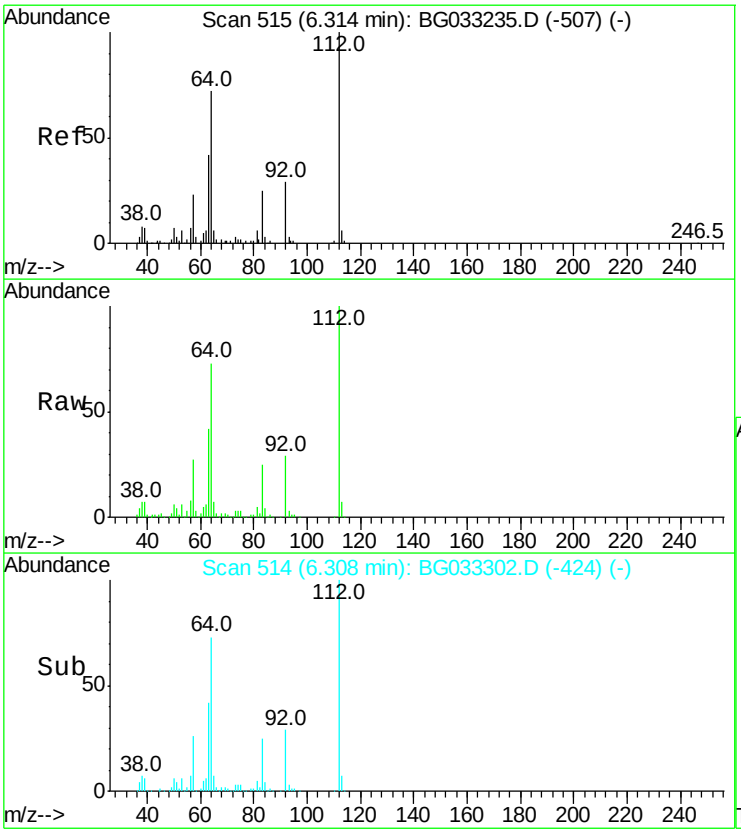
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 38474

Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.6	189.8
115	66.0	53.0	79.4

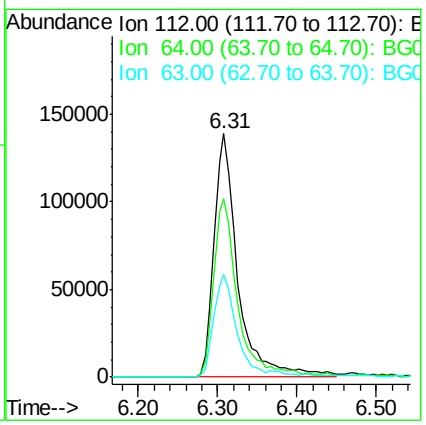


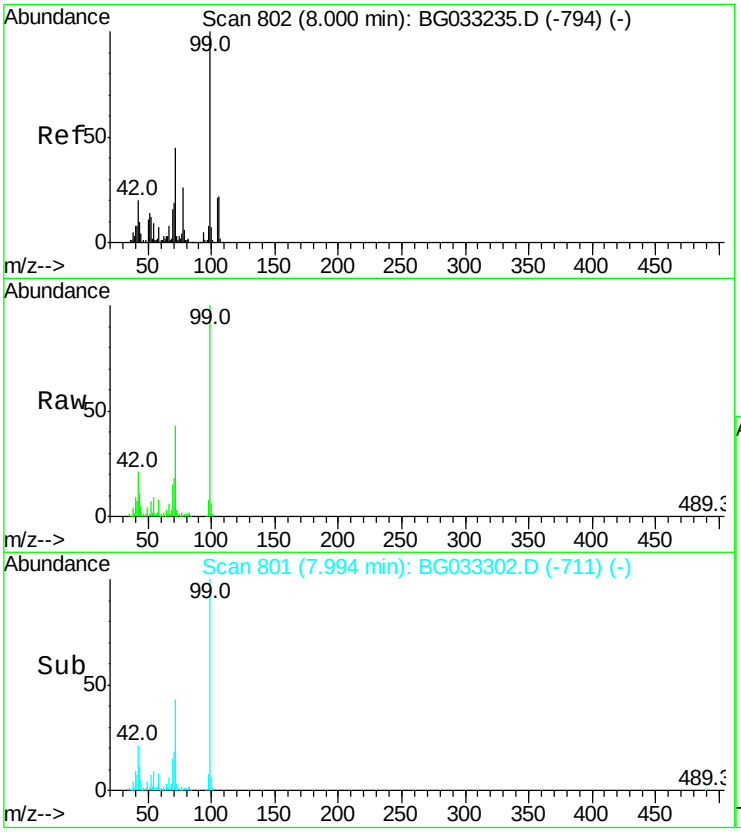


#5
2-Fluorophenol
Concen: 140.919 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Tgt Ion:112 Resp: 289140

Ion	Ratio	Lower	Upper
112	100		
64	73.3	56.3	84.5
63	42.3	30.1	45.1



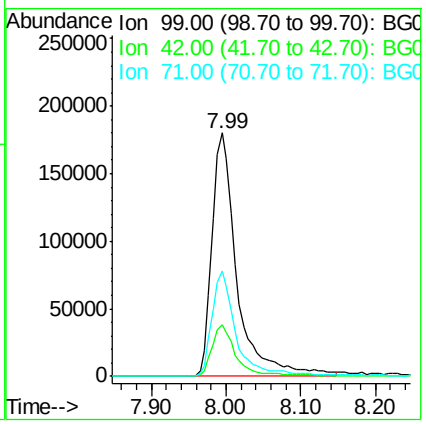


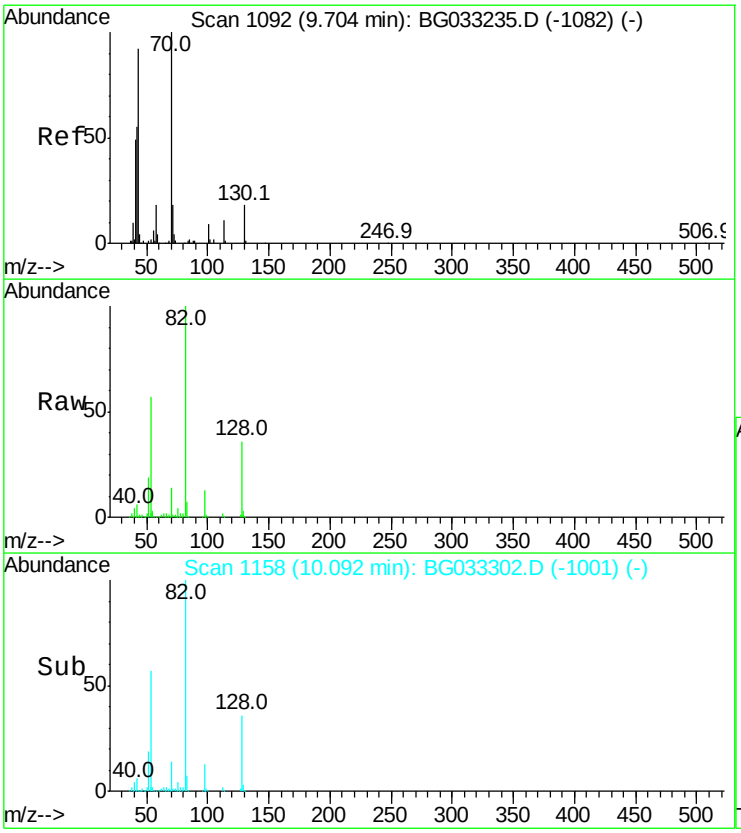
#7
Phenol-d6
Concen: 118.948 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 419344

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.1	21.1#
71	43.5	26.1	39.1#

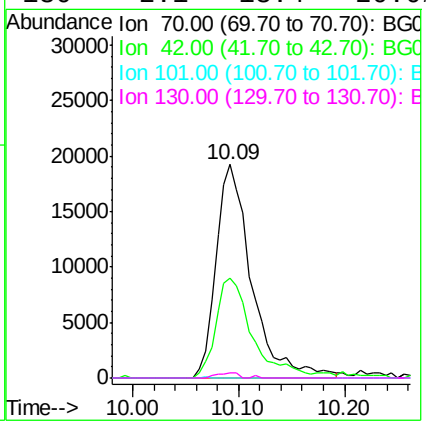


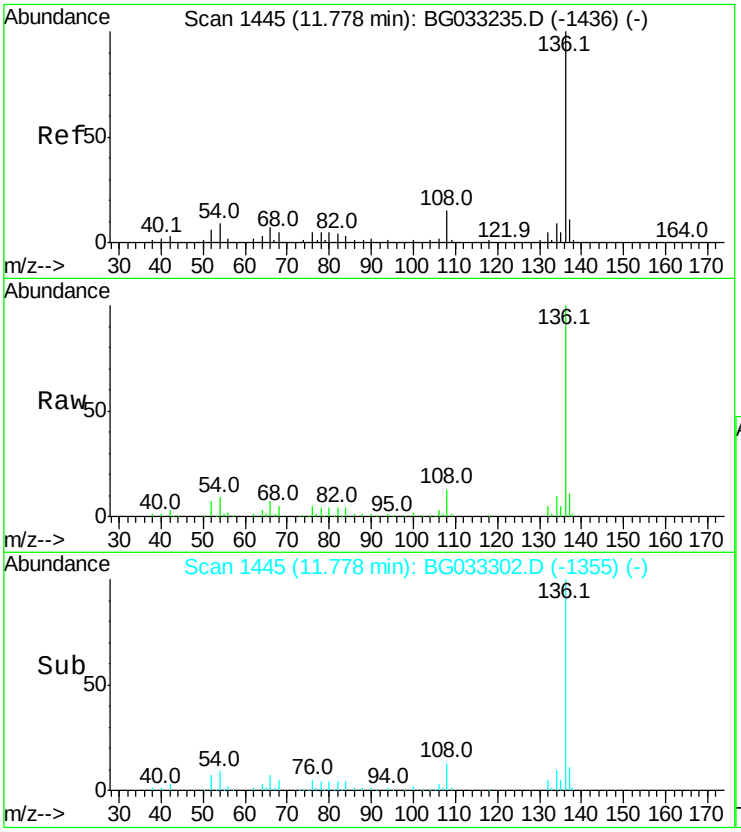


#19
n-Nitroso-di-n-propylamine
Concen: 17.386 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Tgt Ion: 70 Resp: 44913

Ion	Ratio	Lower	Upper
70	100		
42	46.9	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#



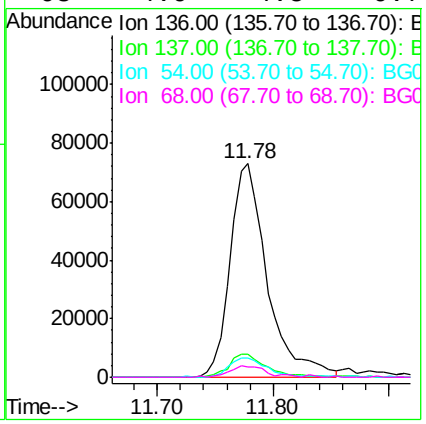


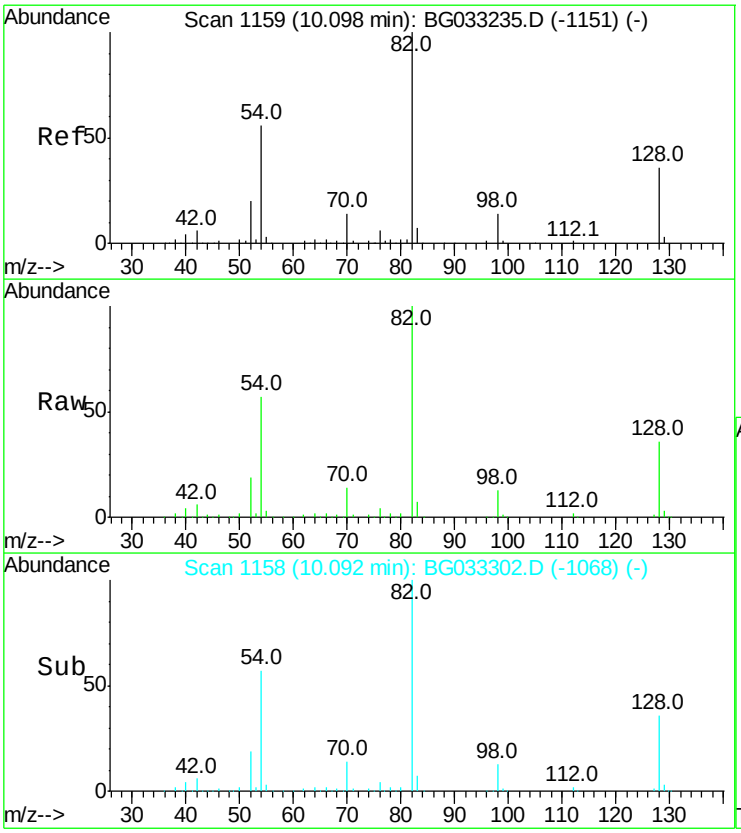
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 162661

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	9.0	10.3	15.5#
68	4.9	4.5	6.7

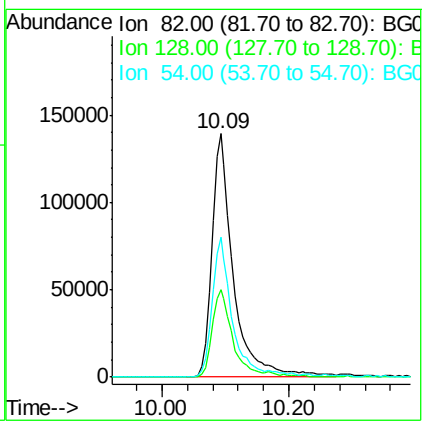


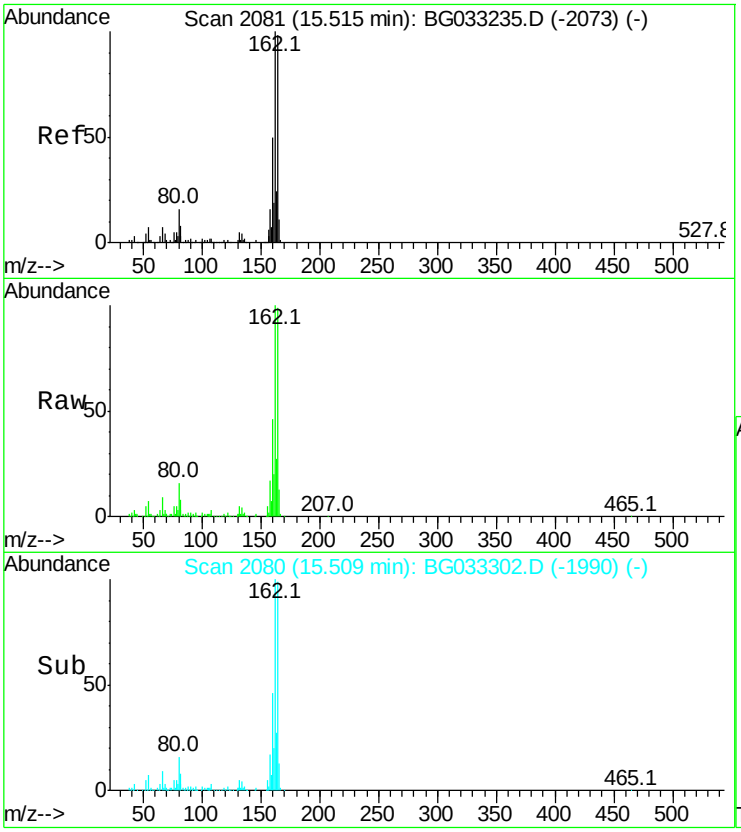


#23
Nitrobenzene-d5
Concen: 93.511 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Tgt Ion: 82 Resp: 331067

Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.7	44.5
54	57.2	43.1	64.7



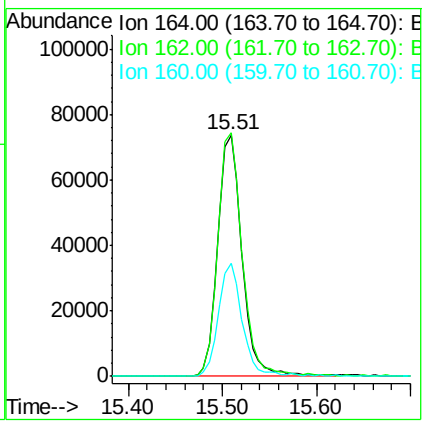


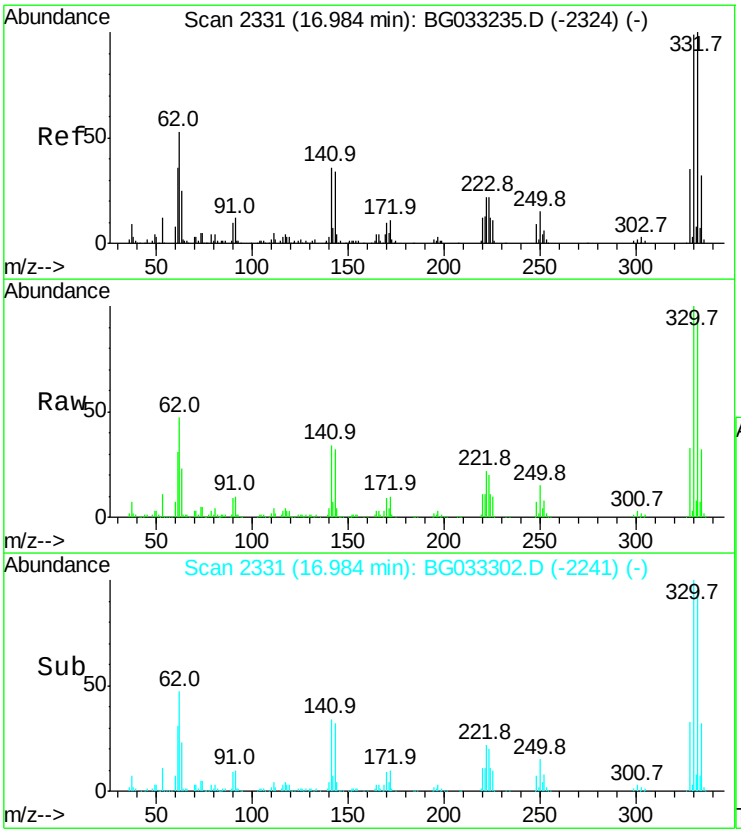
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 133129

Ion	Ratio	Lower	Upper
164	100		
162	100.8	78.8	118.2
160	46.7	35.4	53.0

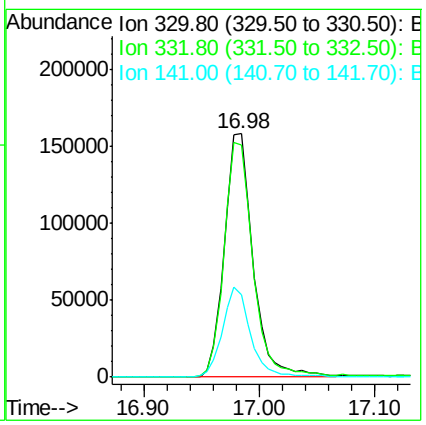


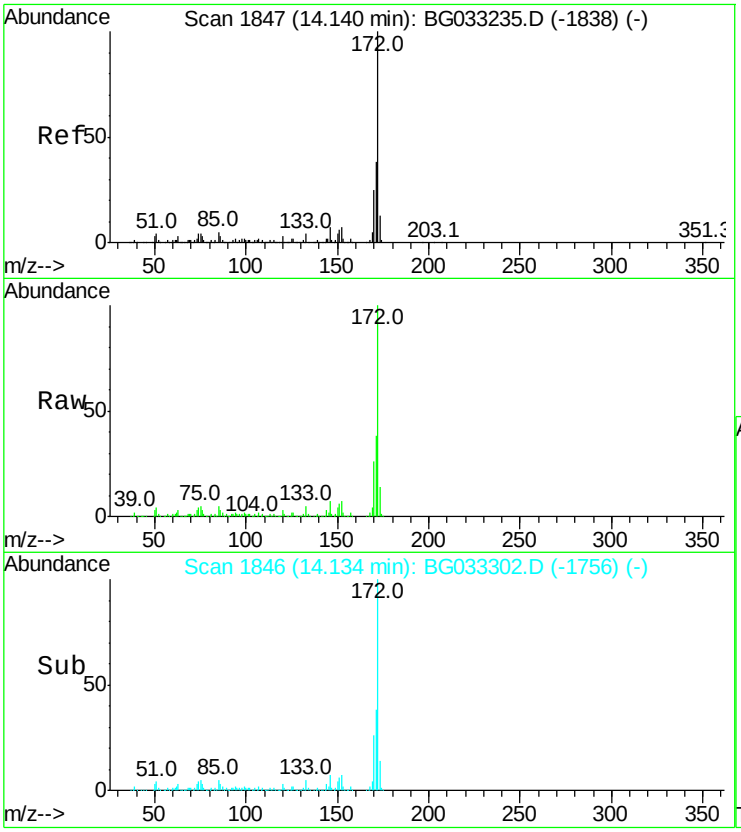


#41
2,4,6-Tribromophenol
Concen: 136.600 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Tgt Ion:330 Resp: 271985

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	36.4	25.2	37.8



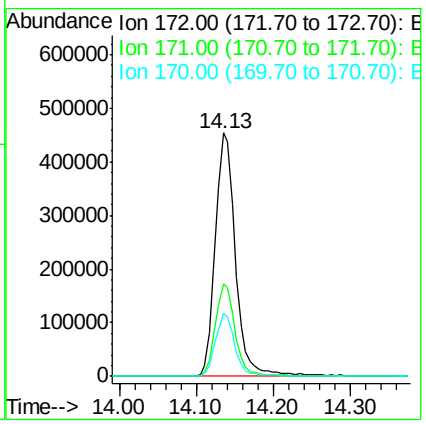


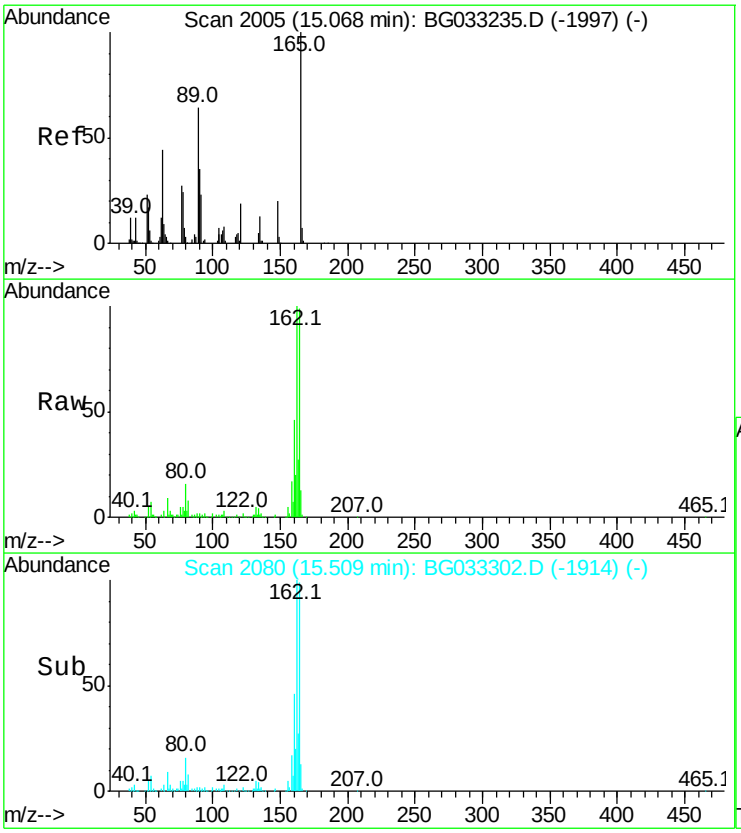
#44
2-Fluorobiphenyl
Concen: 89.282 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 823341

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	26.2	19.5	29.3

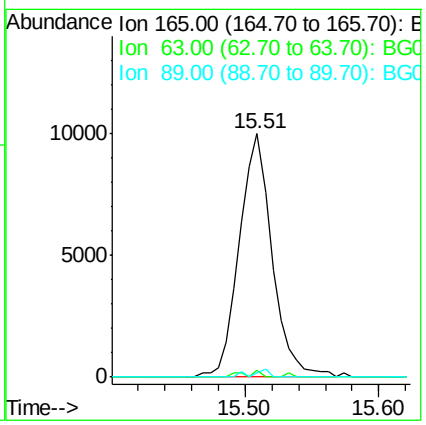


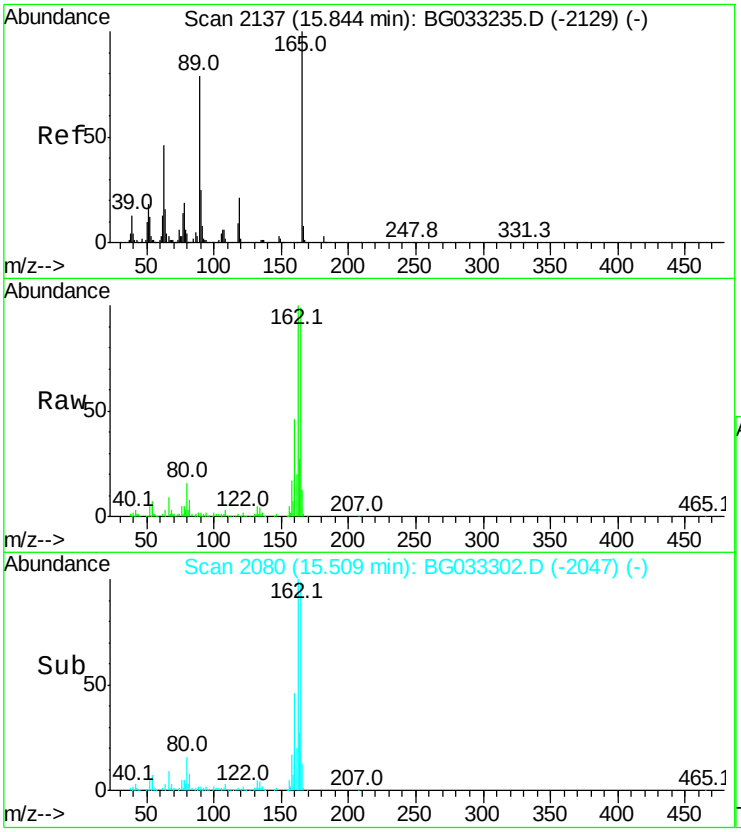


#50
2,6-Dinitrotoluene
Concen: 7.145 ng
RT: 15.51 min Scan# 2080
Delta R.T. 0.44 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Tgt Ion:165 Resp: 16927

Ion	Ratio	Lower	Upper
165	100		
63	2.8	52.7	79.1#
89	1.7	49.2	73.8#



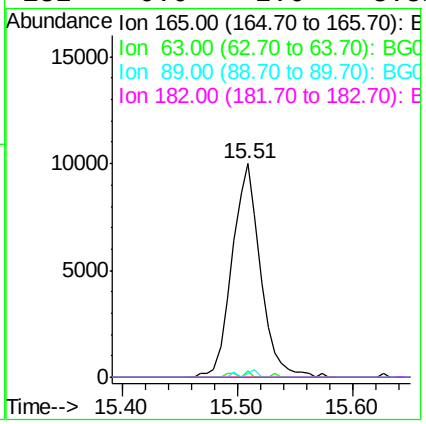


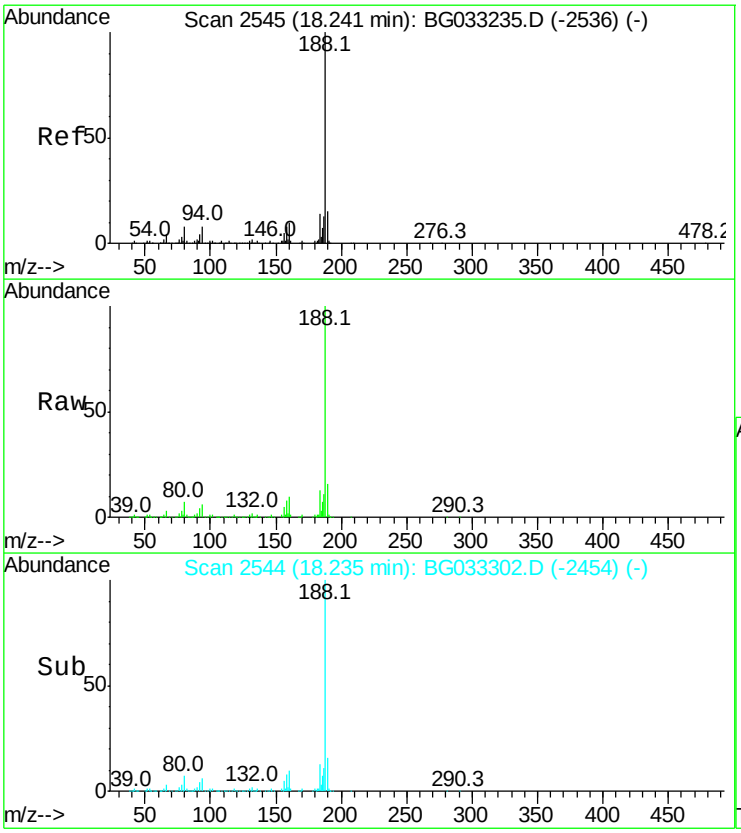
#56
2,4-Dinitrotoluene
Concen: 4.870 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.34 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16987

Ion	Ratio	Lower	Upper
165	100		
63	2.8	42.0	63.0#
89	1.7	66.9	100.3#
182	0.0	2.6	3.8#

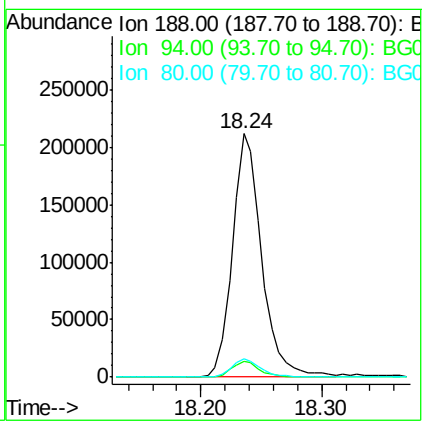


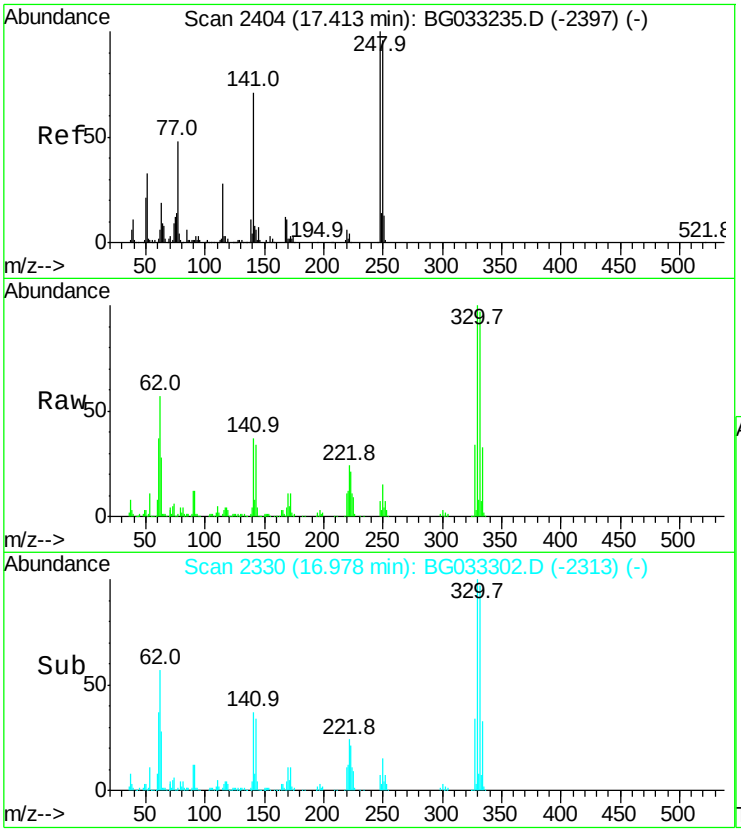


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Tgt Ion:188 Resp: 355960

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.4	7.7	11.5#



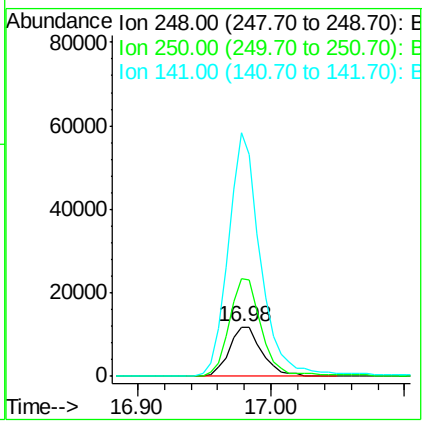


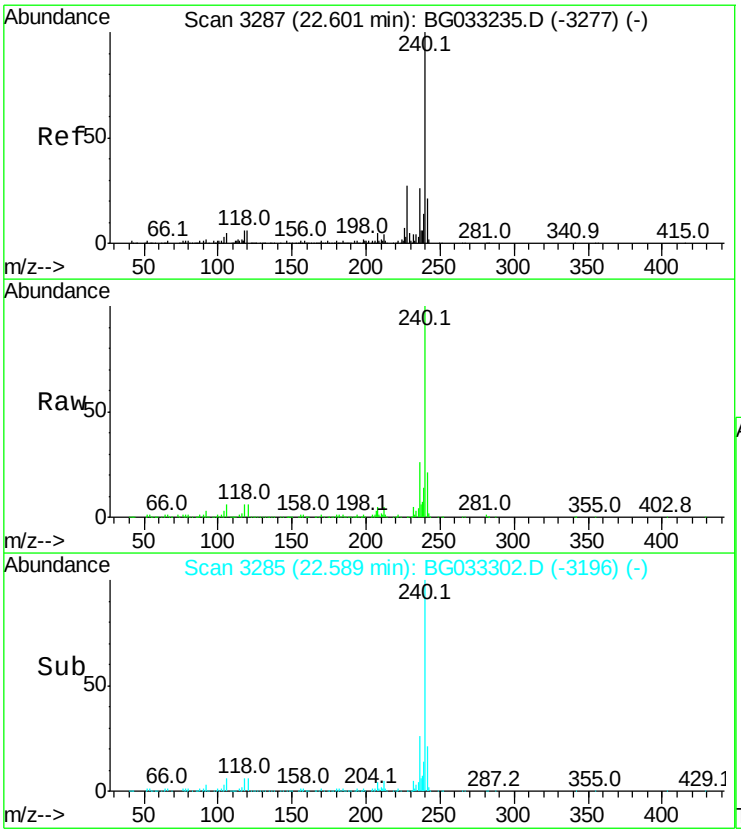
#66
4-Bromophenyl-phenylether
Concen: 4.853 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.43 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 20287

Ion	Ratio	Lower	Upper
248	100		
250	197.6	77.1	115.7#
141	494.1	50.8	76.2#

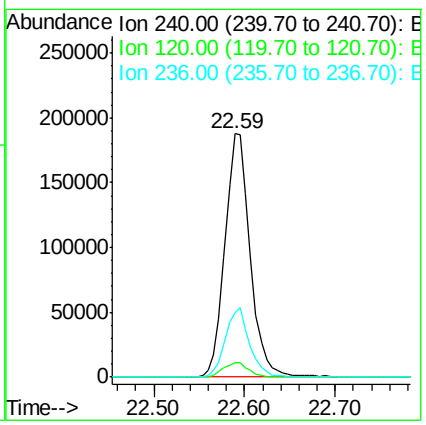


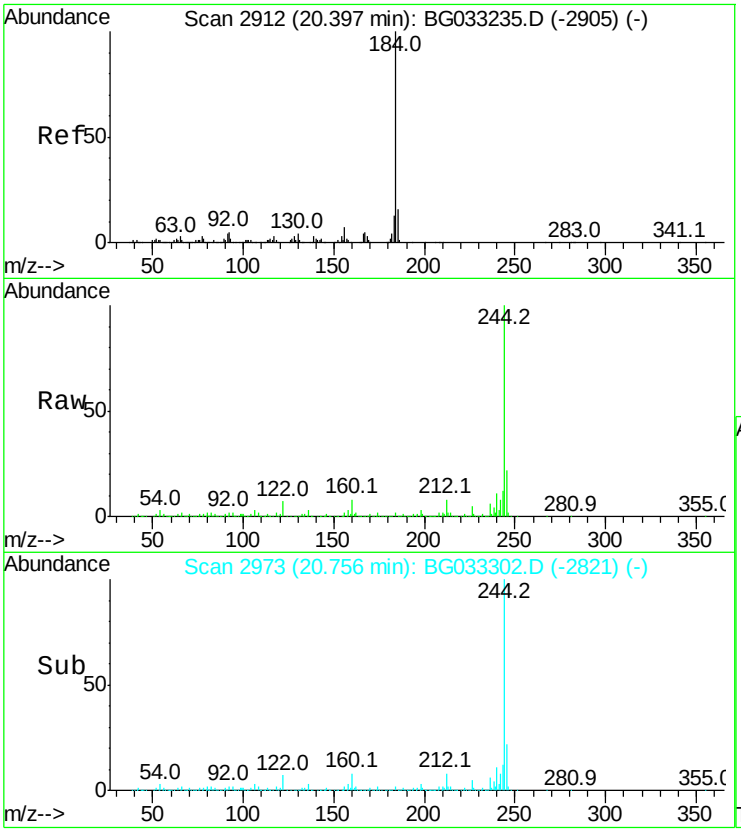


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.01 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Tgt Ion:240 Resp: 363381

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	26.5	20.9	31.3



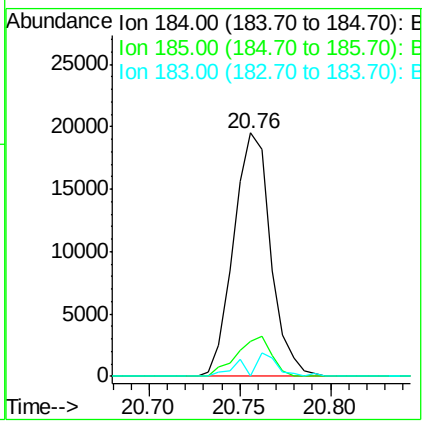


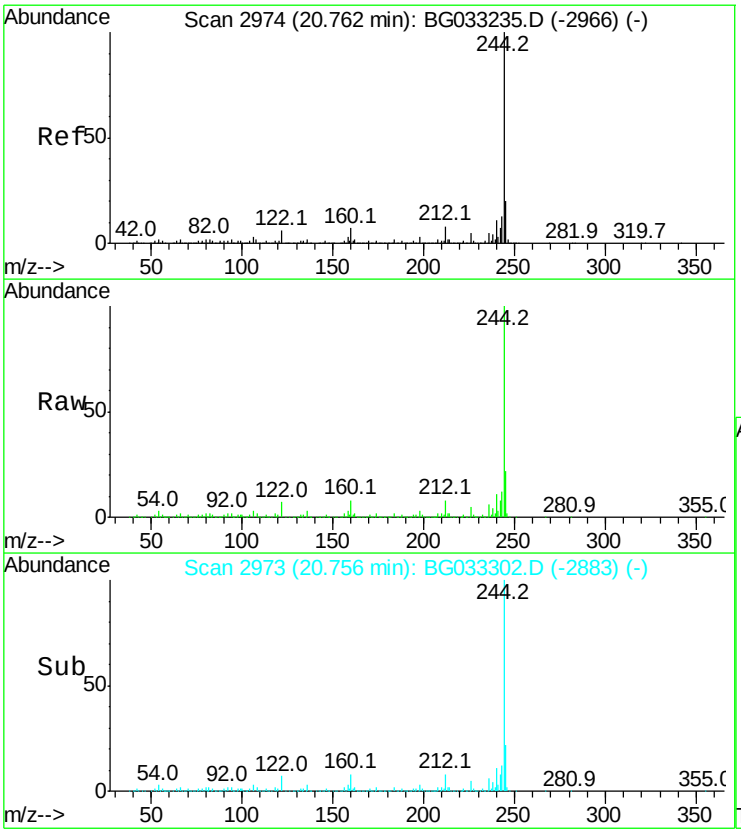
#76
Benzidine
Concen: 2.807 ng
RT: 20.76 min Scan# 2973
Delta R.T. 0.36 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 27659

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.1	16.7
183	0.0	10.6	16.0#

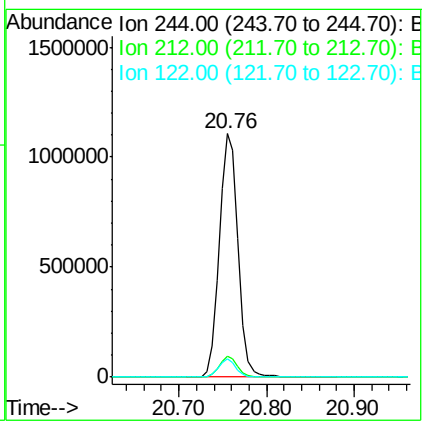


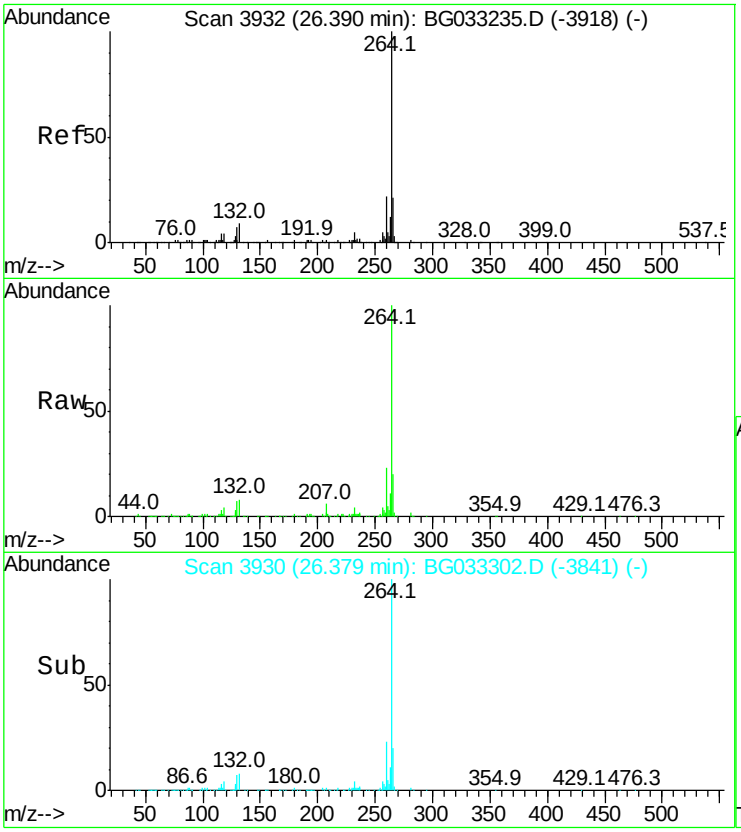


#78
Terphenyl-d14
Concen: 96.145 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.00 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Tgt Ion:244 Resp: 1633641

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: 26.38 min Scan# 3930
Delta R.T. -0.01 min
Lab File: BG033302.D
Acq: 22 Mar 2018 19:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 372397

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	20.0	17.7	26.5