Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032218\
Data File : BG033301.D
Acq On : 22 Mar 2018 19:12
Operator : SJ/JU
Sample : J1990-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 23 04:16:29 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	8.90	152	36335	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	158747	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	127527	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	352364	20.00	ng	0.00
75) Chrysene-d12	22.59	240	348724	20.00	ng	0.00
86) Perylene-d12	26.39	264	364424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	307888	158.89	ng	0.00
7) Phenol-d6	7.99	99	427565	128.42	ng	0.00
23) Nitrobenzene-d5	10.09	82	338033	97.83	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	195809	102.66	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	856600	96.97	ng	0.00
78) Terphenyl-d14	20.76	244	1656576	101.59	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.23	79	5835	2.226	ng	# 53
19) n-Nitroso-di-n-propylamine	10.09	70	44859	18.387	ng	# 78
50) 2,6-Dinitrotoluene	15.51	165	16732	7.373	ng	# 19
56) 2,4-Dinitrotoluene	15.51	165	16732	5.008	ng	# 17
76) Benzidine	20.76	184	28362	2.999	ng	# 90

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032218\
Data File : BG033301.D
Acq On : 22 Mar 2018 19:12
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Misc :
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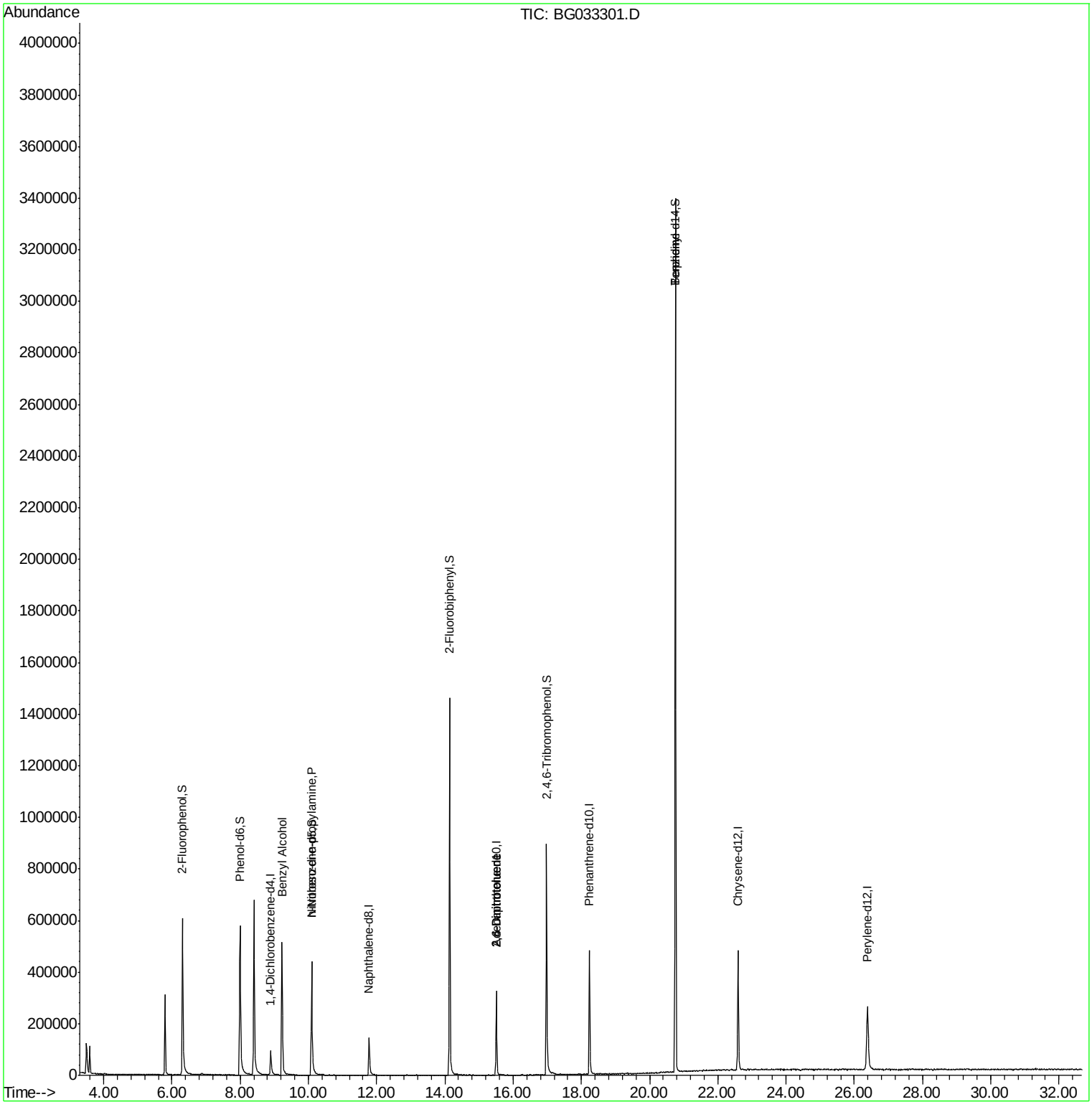
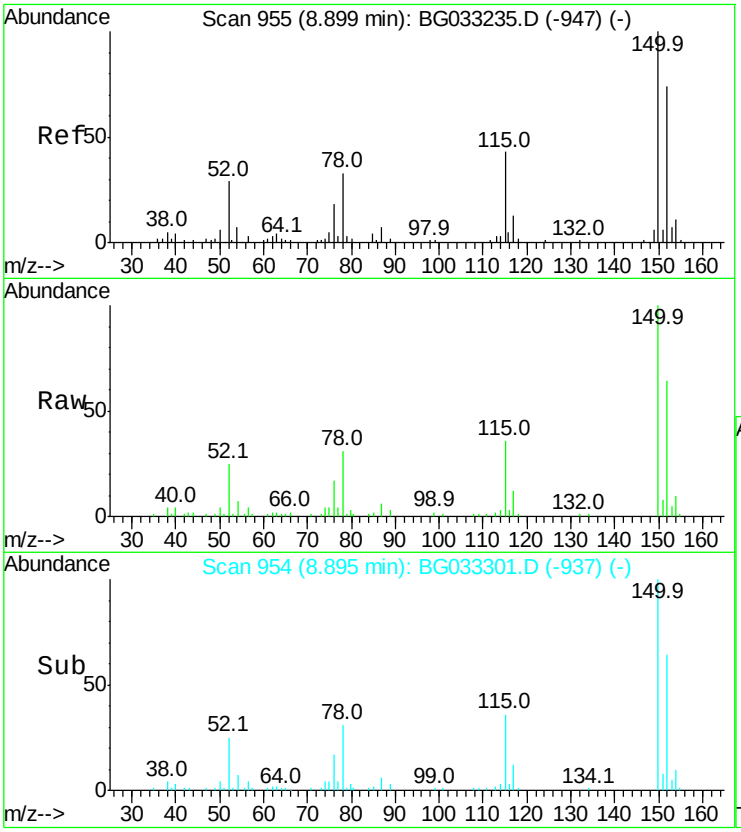


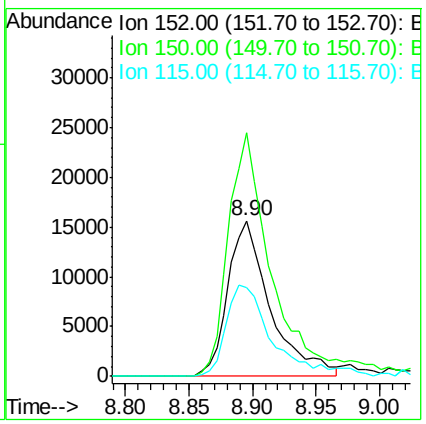


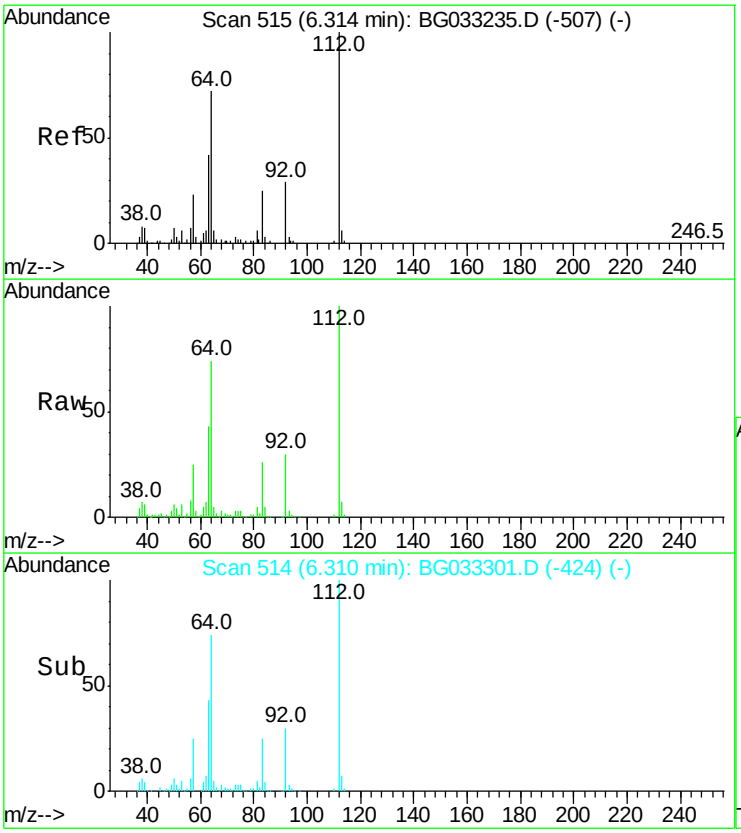
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 36335

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	56.9	53.0	79.4

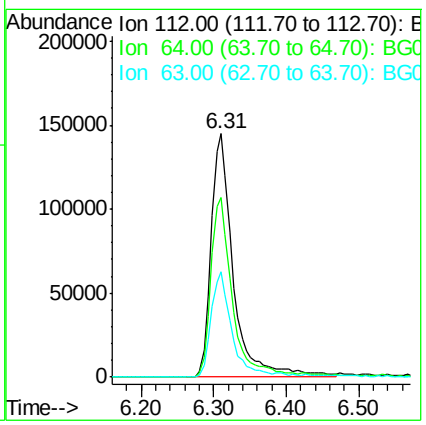


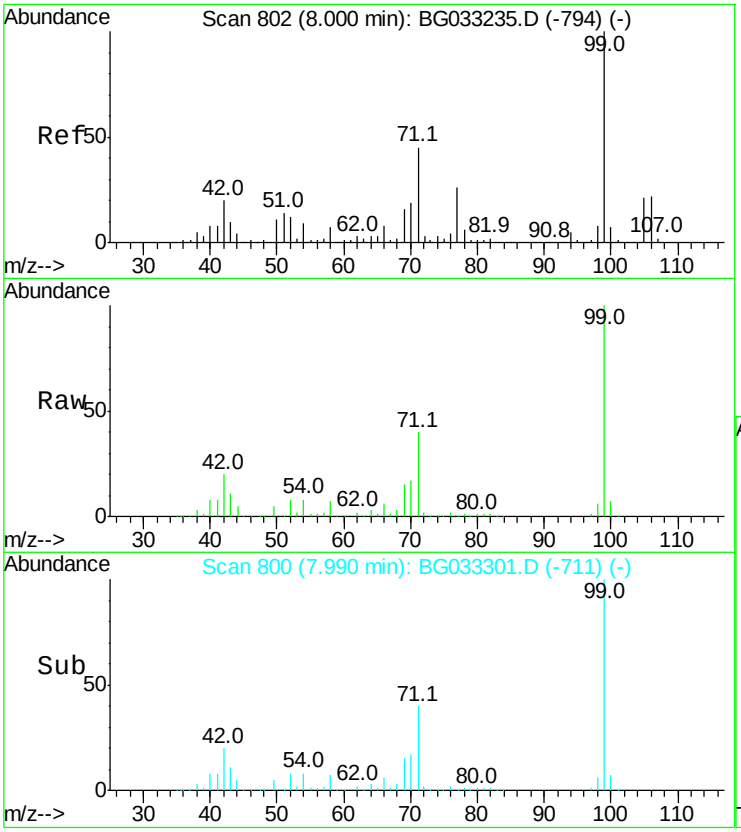


#5
2-Fluorophenol
Concen: 158.890 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Tgt Ion:112 Resp: 307888

Ion	Ratio	Lower	Upper
112	100		
64	73.6	56.3	84.5
63	43.3	30.1	45.1



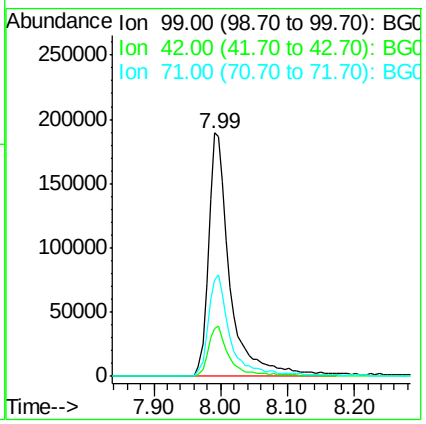


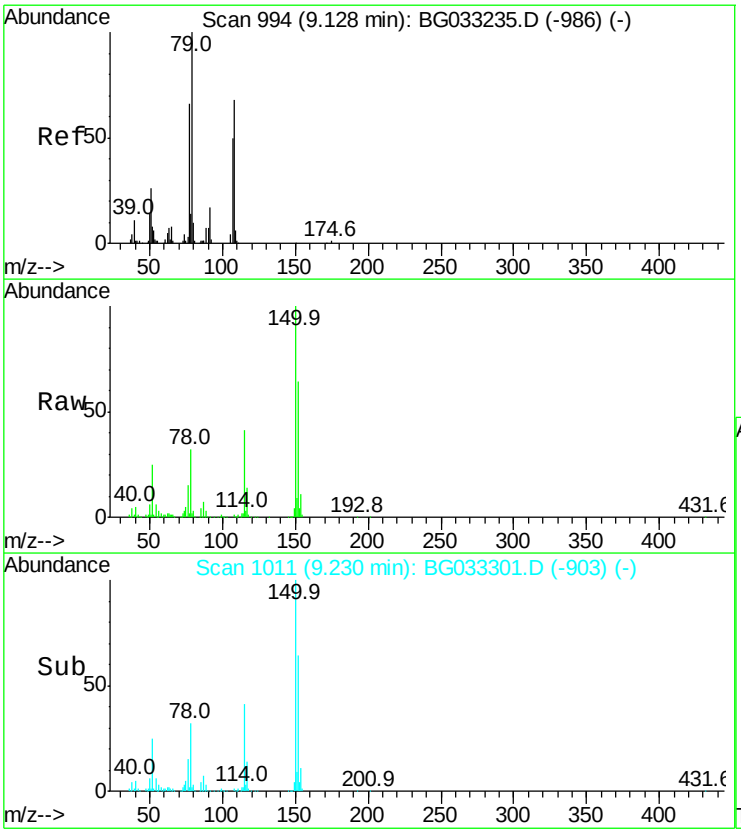
#7
Phenol-d6
Concen: 128.420 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 427565

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.1	21.1
71	39.7	26.1	39.1#

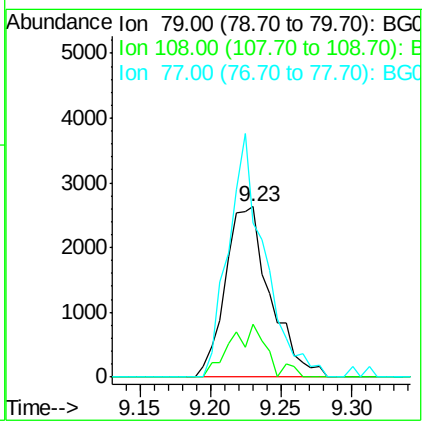


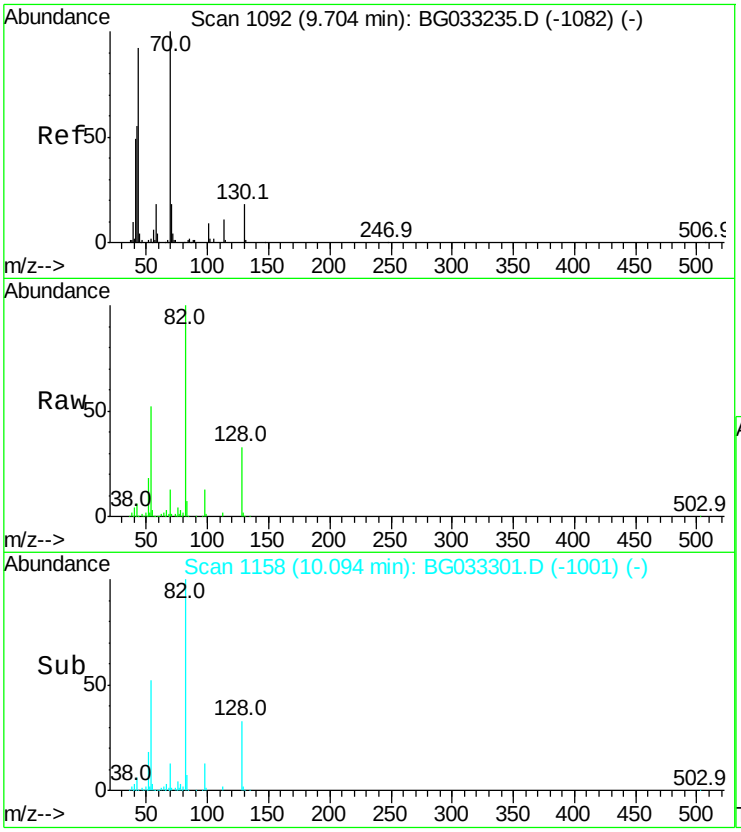


#15
Benzyl Alcohol
Concen: 2.226 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.10 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Tgt Ion: 79 Resp: 5835

Ion	Ratio	Lower	Upper
79	100		
108	30.7	57.2	85.8#
77	90.5	46.1	69.1#



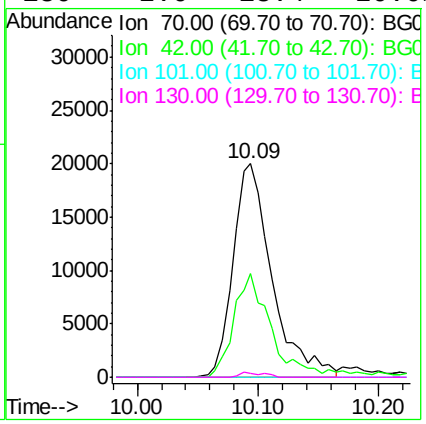


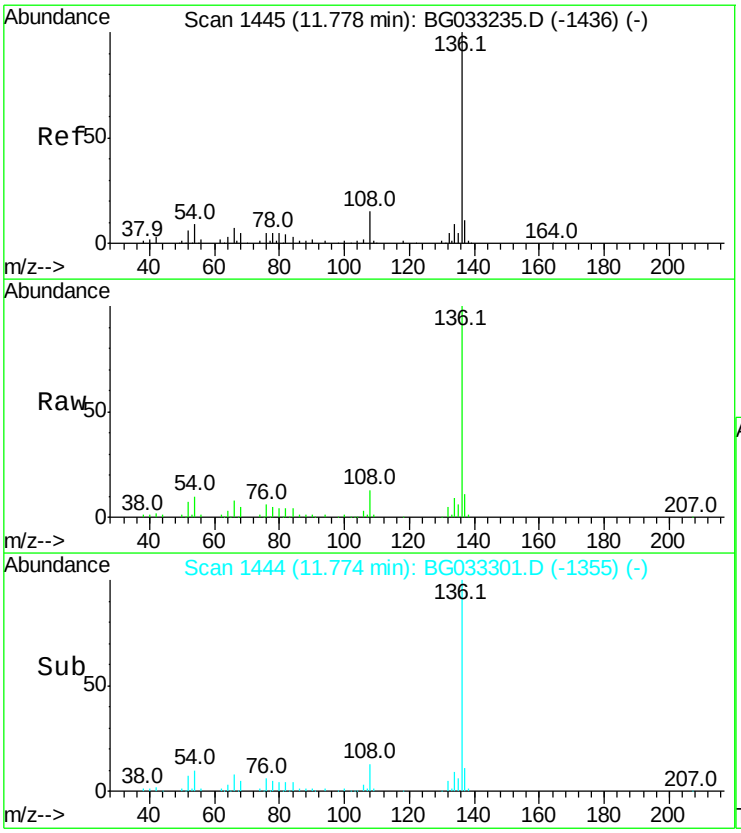
#19
n-Nitroso-di-n-propylamine
Concen: 18.387 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 44859

Ion	Ratio	Lower	Upper
70	100		
42	48.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#

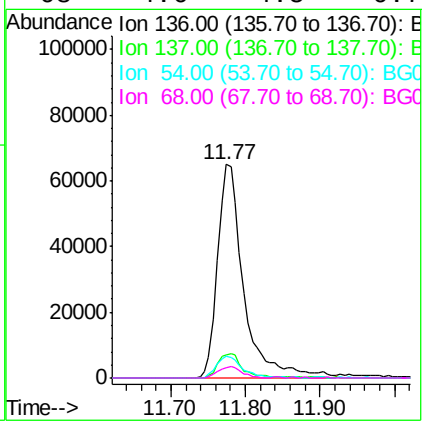


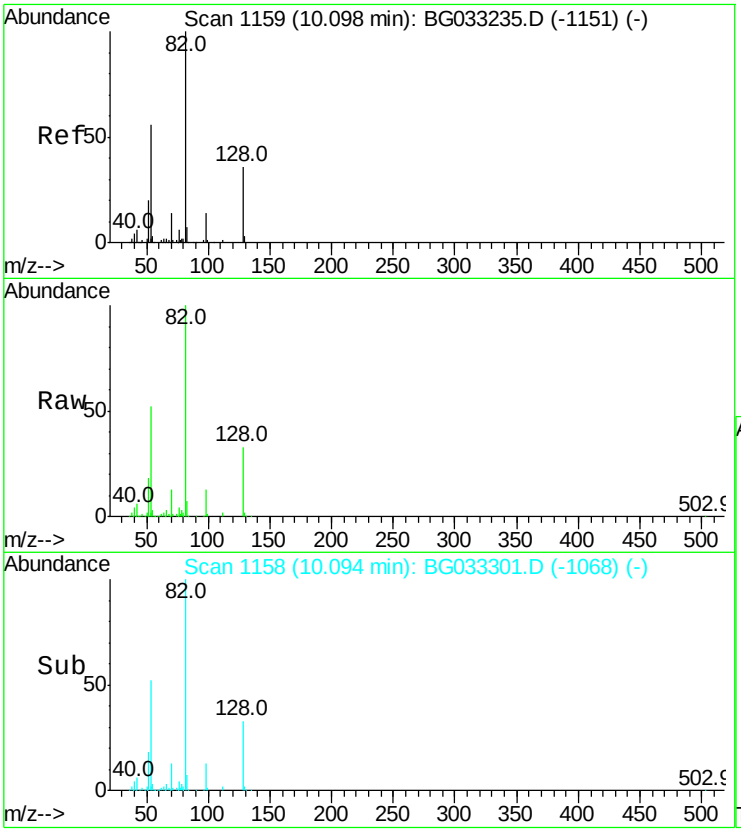


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.77 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Tgt Ion:136 Resp: 158747

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	10.0	10.3	15.5#
68	4.6	4.5	6.7



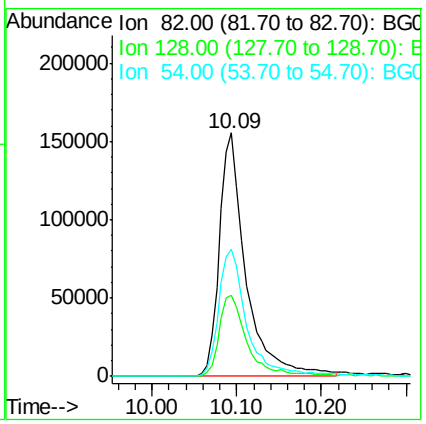


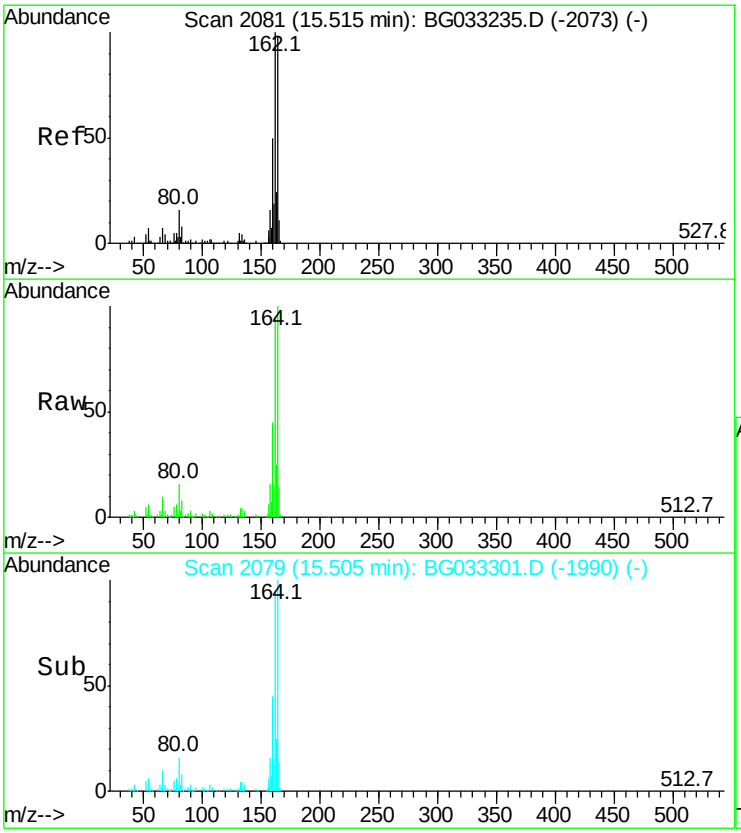
#23
Nitrobenzene-d5
Concen: 97.832 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 338033

Ion	Ratio	Lower	Upper
82	100		
128	33.4	29.7	44.5
54	52.0	43.1	64.7

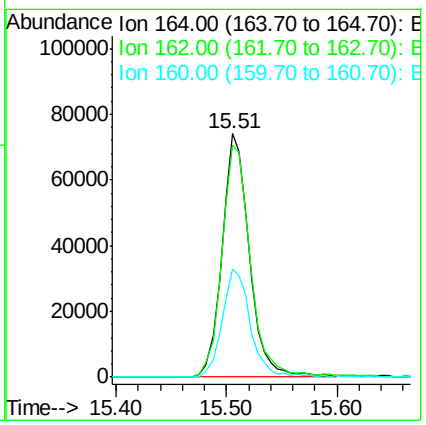


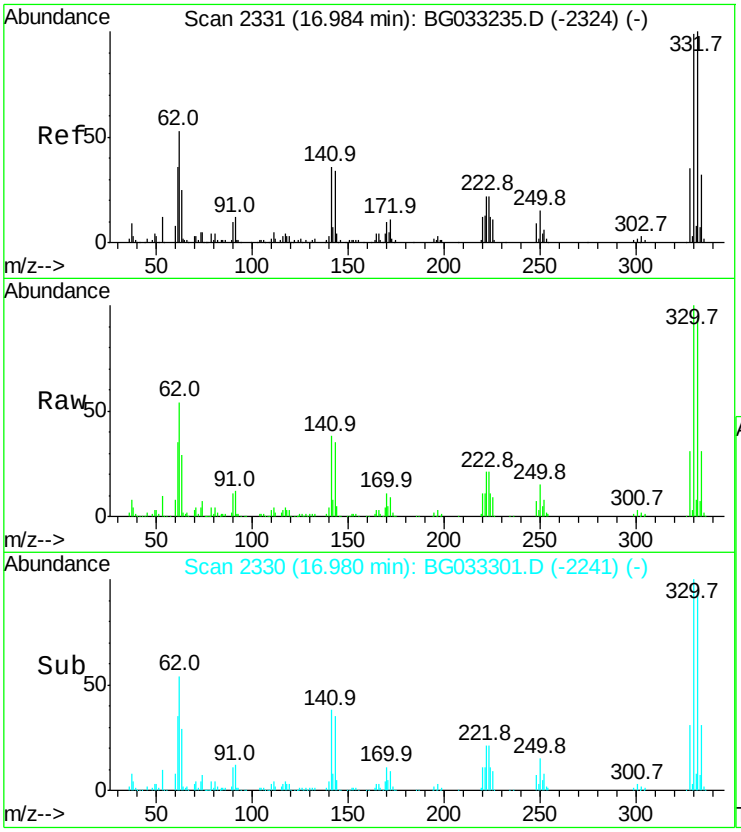


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Tgt Ion:164 Resp: 127527

Ion	Ratio	Lower	Upper
164	100		
162	95.4	78.8	118.2
160	44.6	35.4	53.0



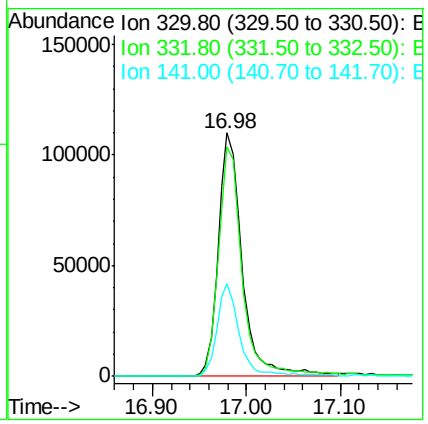


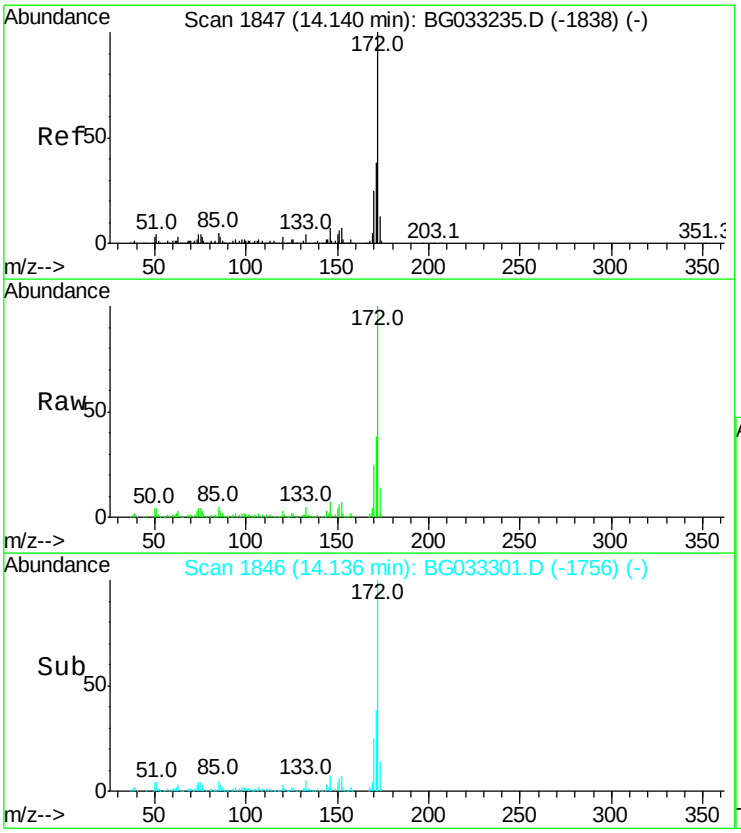
#41
2,4,6-Tribromophenol
Concen: 102.662 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.01 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 195809

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	35.1	25.2	37.8

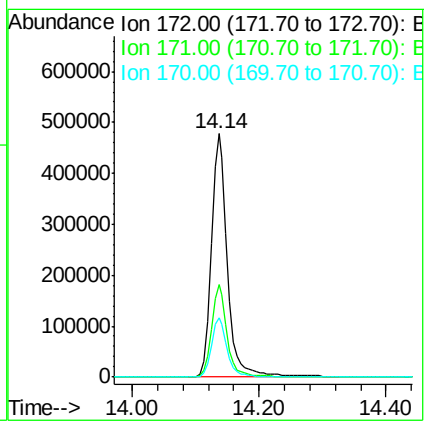


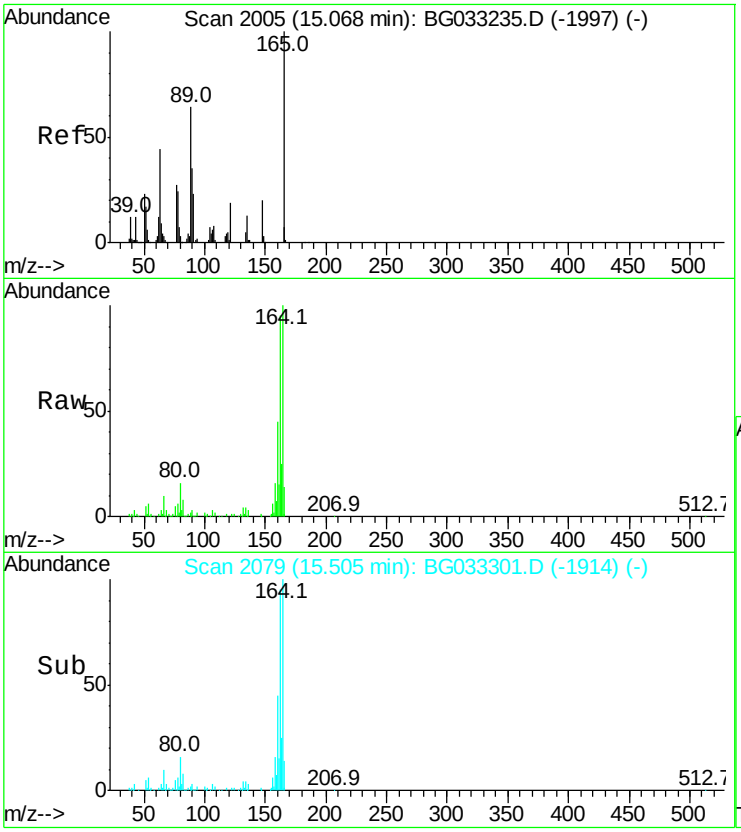


#44
2-Fluorobiphenyl
Concen: 96.969 ng
RT: 14.14 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Tgt Ion:172 Resp: 856600

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.5	19.5	29.3



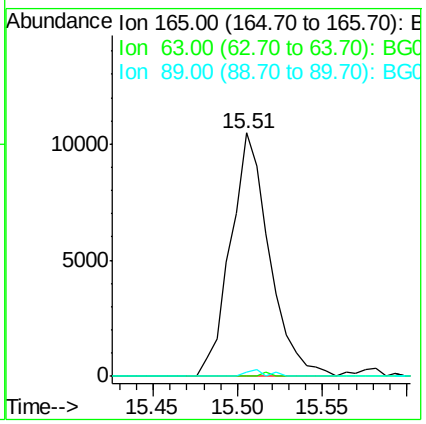


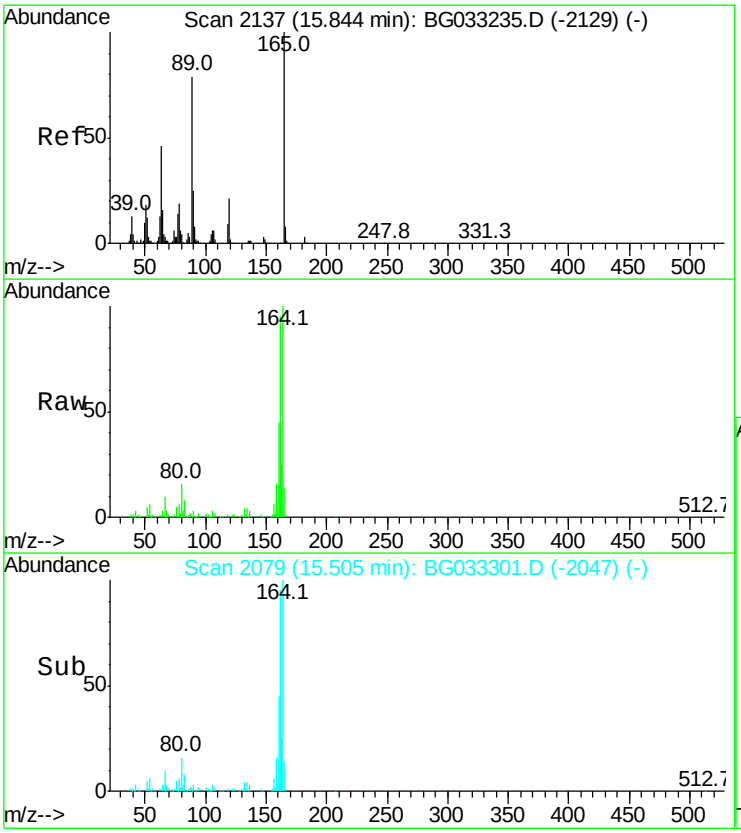
#50
2,6-Dinitrotoluene
Concen: 7.373 ng
RT: 15.51 min Scan# 2079
Delta R.T. 0.44 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16732

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.7	49.2	73.8#

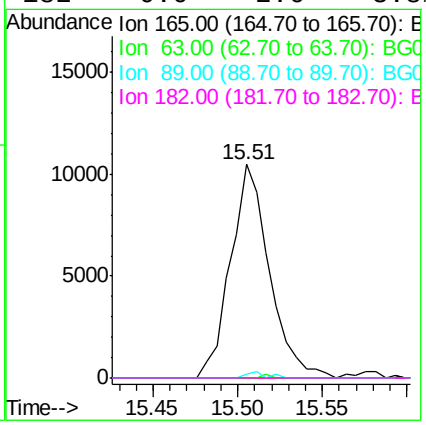


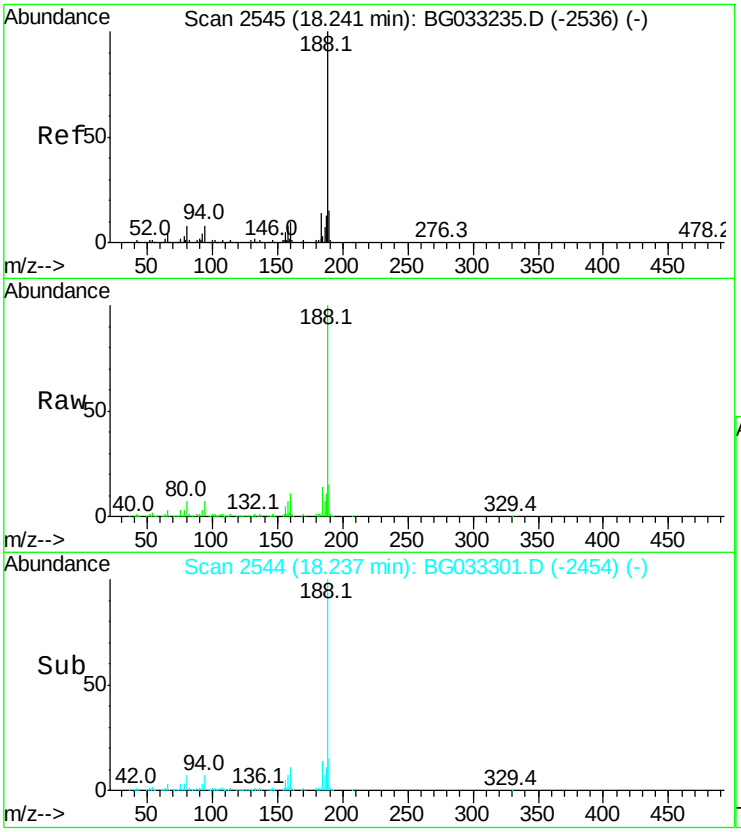


#56
2,4-Dinitrotoluene
Concen: 5.008 ng
RT: 15.51 min Scan# 2079
Delta R.T. -0.34 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Tgt Ion:165 Resp: 16732

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



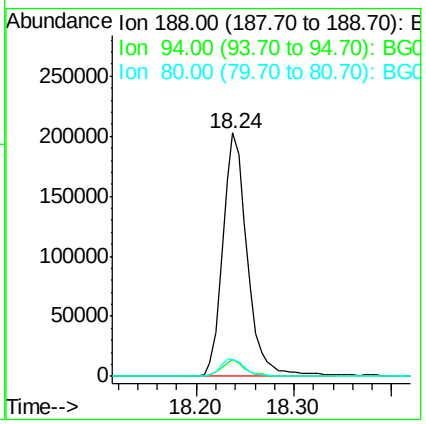


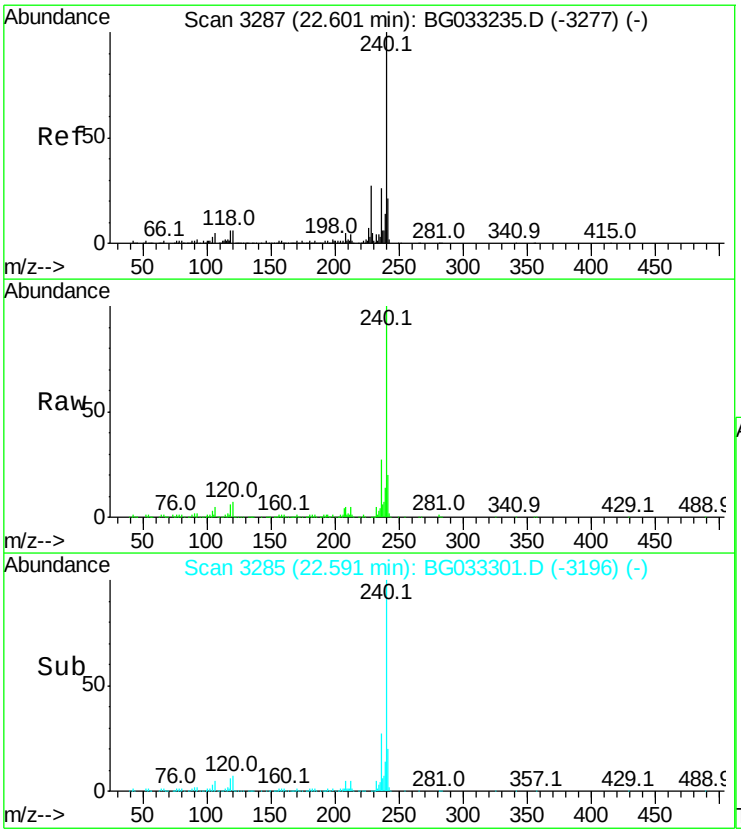
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 352364

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.2	7.7	11.5#

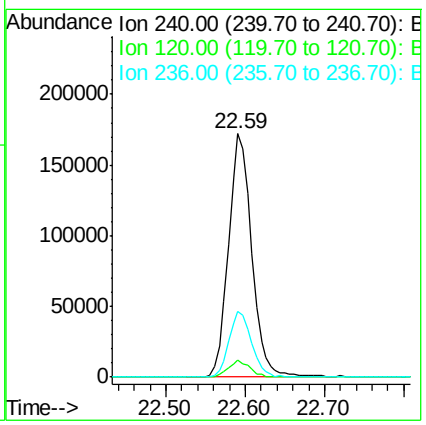


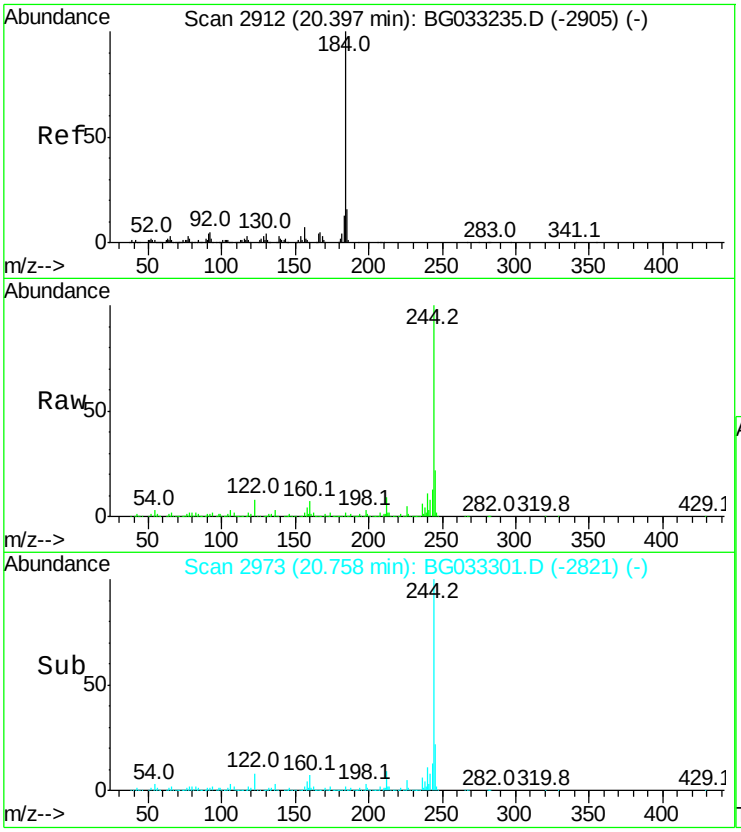


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.01 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Tgt Ion:240 Resp: 348724

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.8	10.2
236	27.2	20.9	31.3



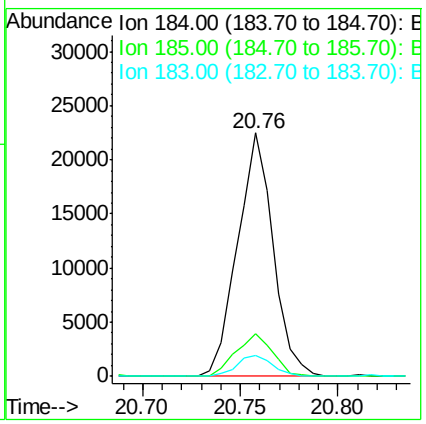


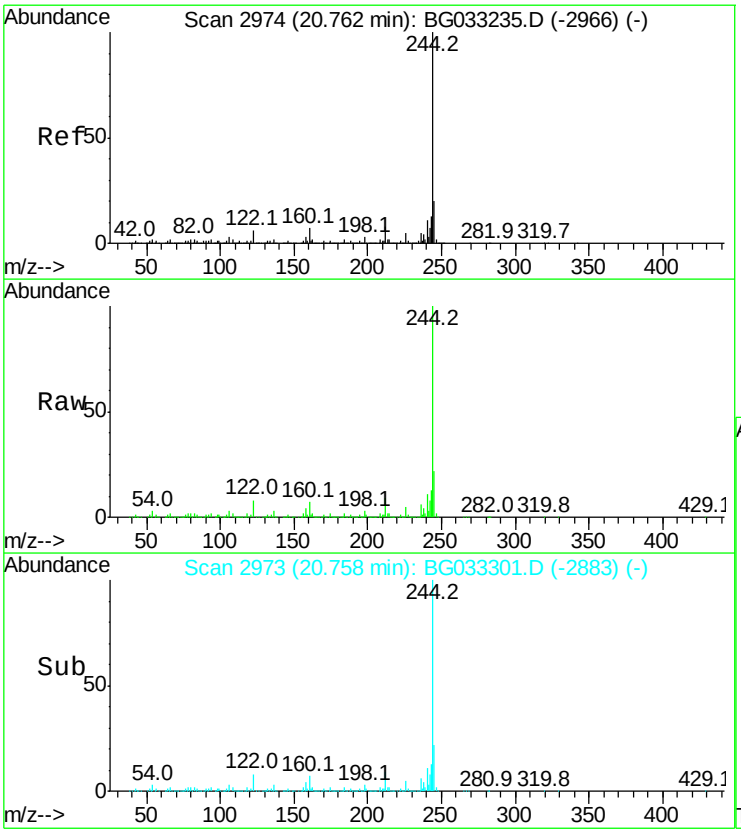
#76
Benzidine
Concen: 2.999 ng
RT: 20.76 min Scan# 2973
Delta R.T. 0.36 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 28362

Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.1	16.7#
183	8.6	10.6	16.0#

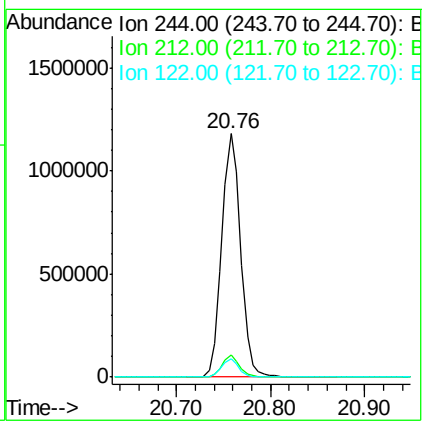


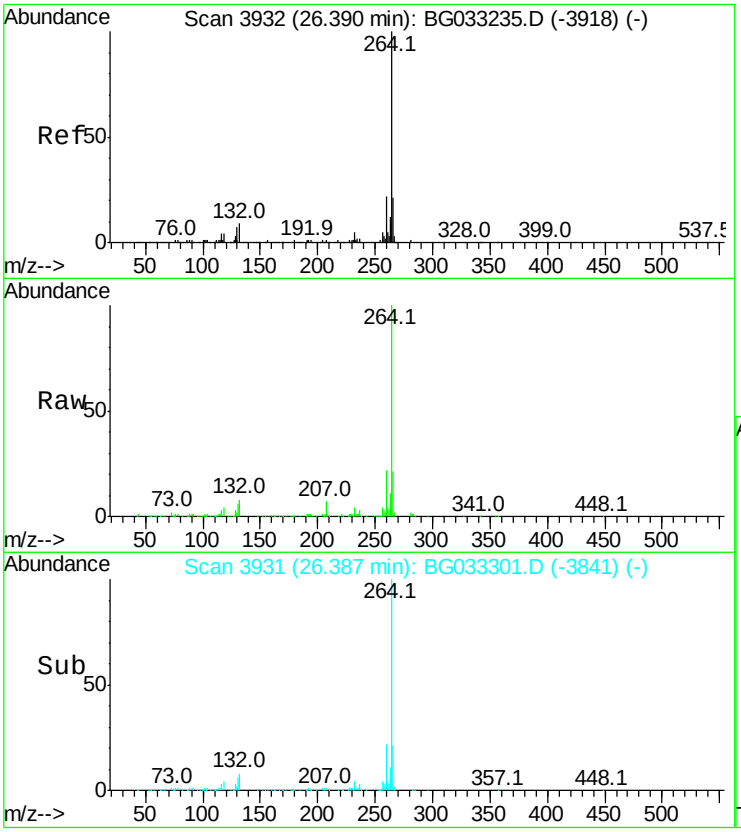


#78
Terphenyl-d14
Concen: 101.592 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.00 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Tgt Ion:244 Resp: 1656576

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	7.5	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.39 min Scan# 3931
Delta R.T. -0.00 min
Lab File: BG033301.D
Acq: 22 Mar 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 364424

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	20.8	17.7	26.5