Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033823.D
Acq On : 16 Apr 2018 19:22
Operator : SJ/JU
Sample : J2391-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 17 04:03:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 11:44:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	19959	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	109130	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	90694	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	269287	20.00	ng	0.00
75) Chrysene-d12	22.55	240	283313	20.00	ng	0.00
86) Perylene-d12	26.31	264	308193	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	38289	35.97	ng	0.00
7) Phenol-d6	8.01	99	41036	22.44	ng	0.02
23) Nitrobenzene-d5	10.06	82	200473	84.40	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	129733	95.64	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	564743	89.89	ng	0.00
78) Terphenyl-d14	20.72	244	1279106	96.55	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.19	79	3477	2.415	ng	# 43
19) n-Nitroso-di-n-propylamine	10.06	70	23274	17.367	ng	# 68
50) 2,6-Dinitrotoluene	15.47	165	10996	6.813	ng	# 18
53) 2,4-Dinitrophenol	15.64	184	86	7.736	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	10996	4.627	ng	# 16
76) Benzidine	20.72	184	20158	2.624	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033823.D
Acq On : 16 Apr 2018 19:22
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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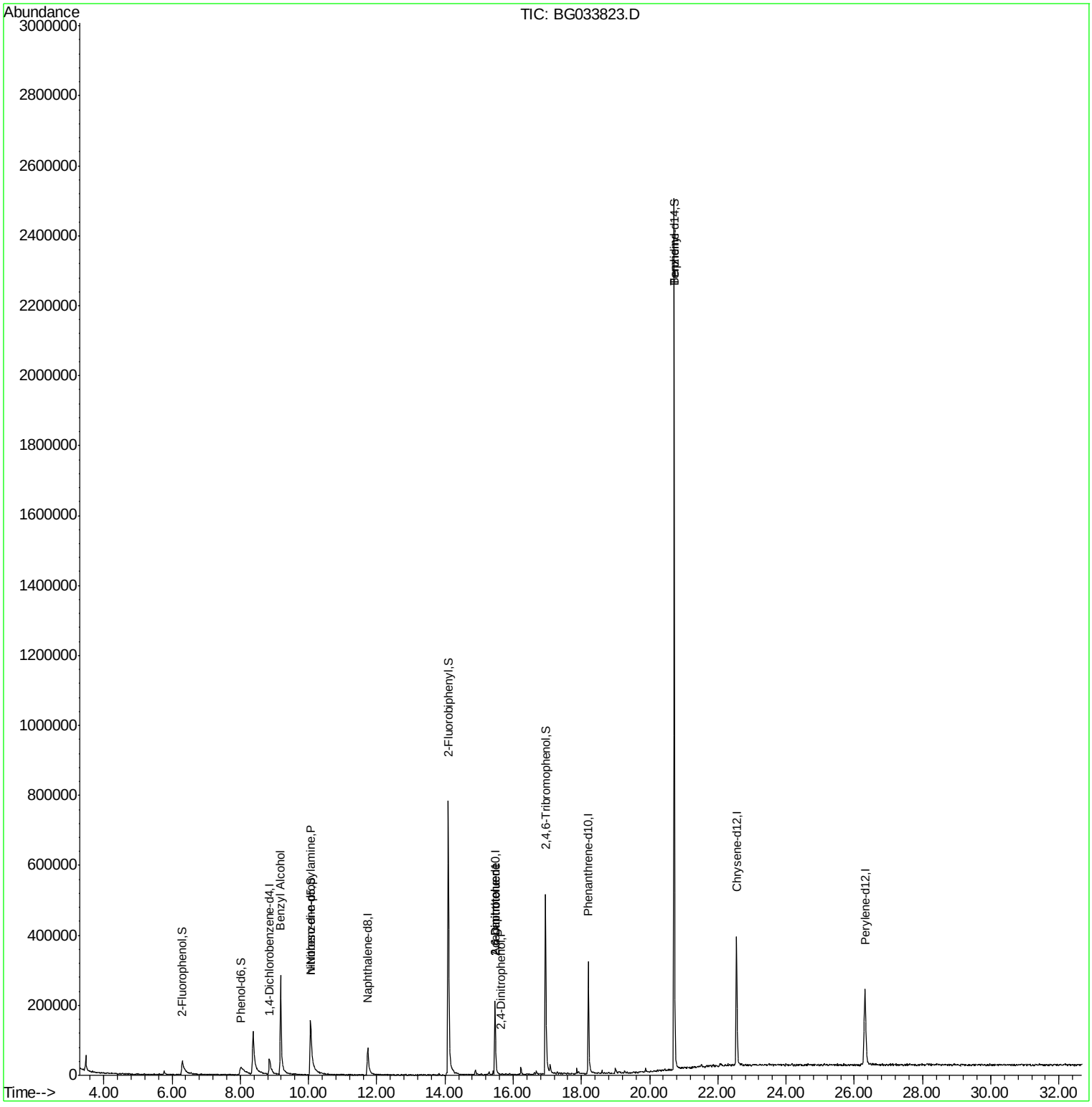
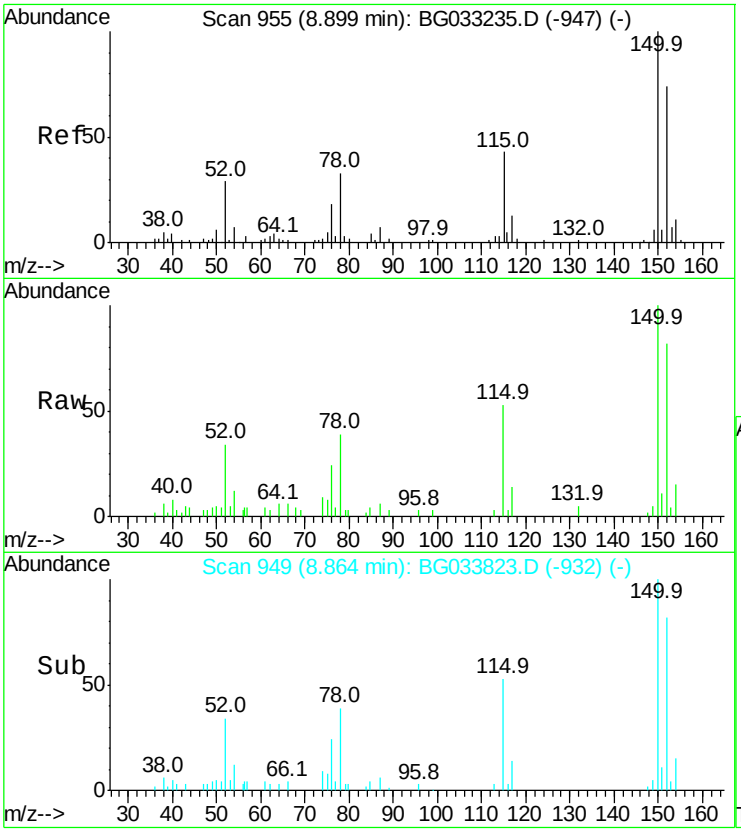
Response via : Initial Calibration



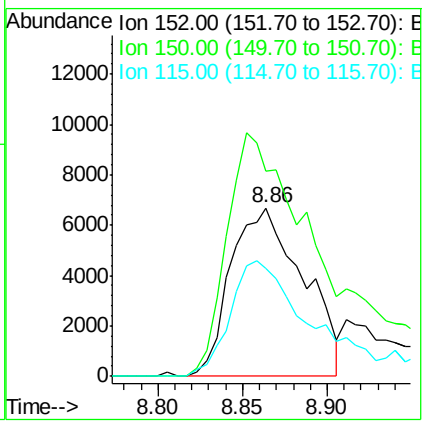


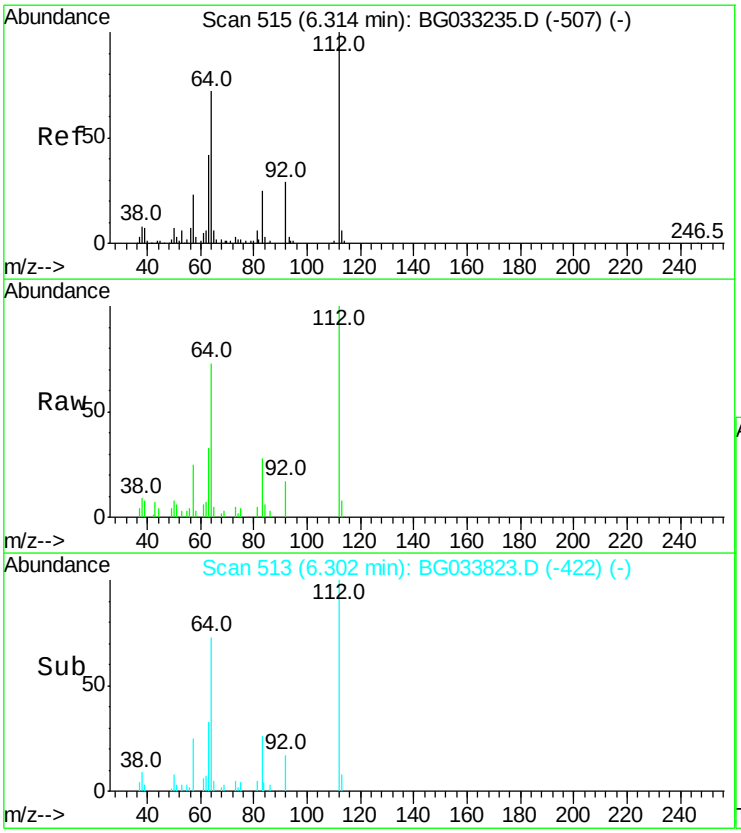
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 19959

Ion	Ratio	Lower	Upper
152	100		
150	122.1	126.6	189.8#
115	64.4	53.0	79.4

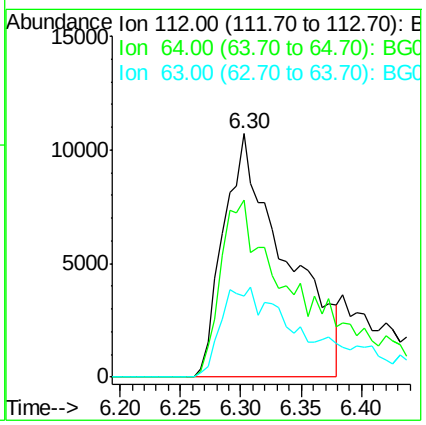


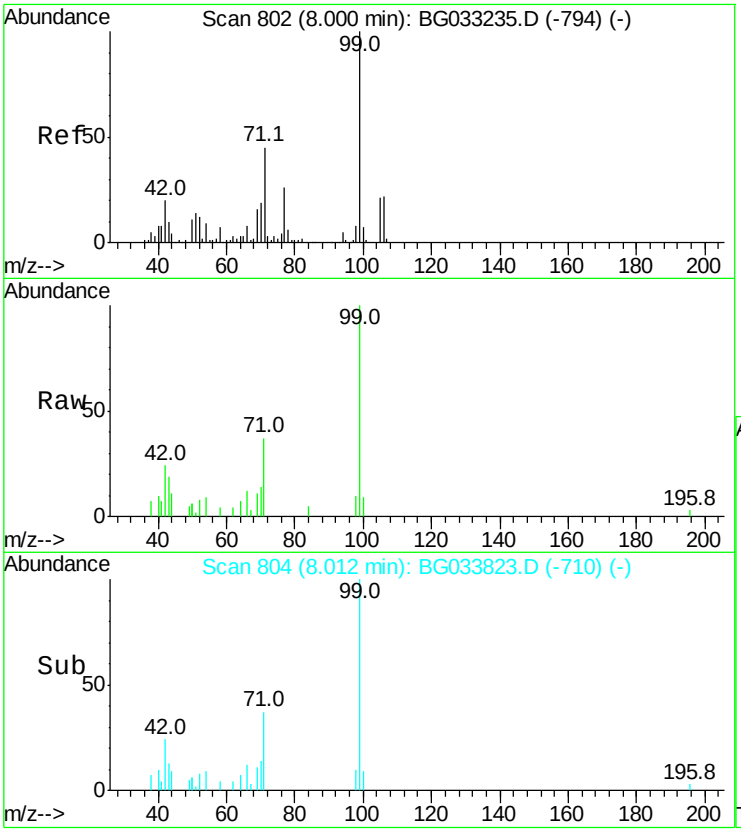


#5
2-Fluorophenol
Concen: 35.972 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Tgt Ion:112 Resp: 38289

Ion	Ratio	Lower	Upper
112	100		
64	72.9	56.3	84.5
63	33.3	30.1	45.1



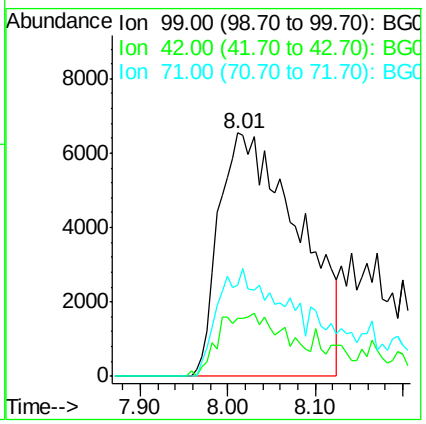


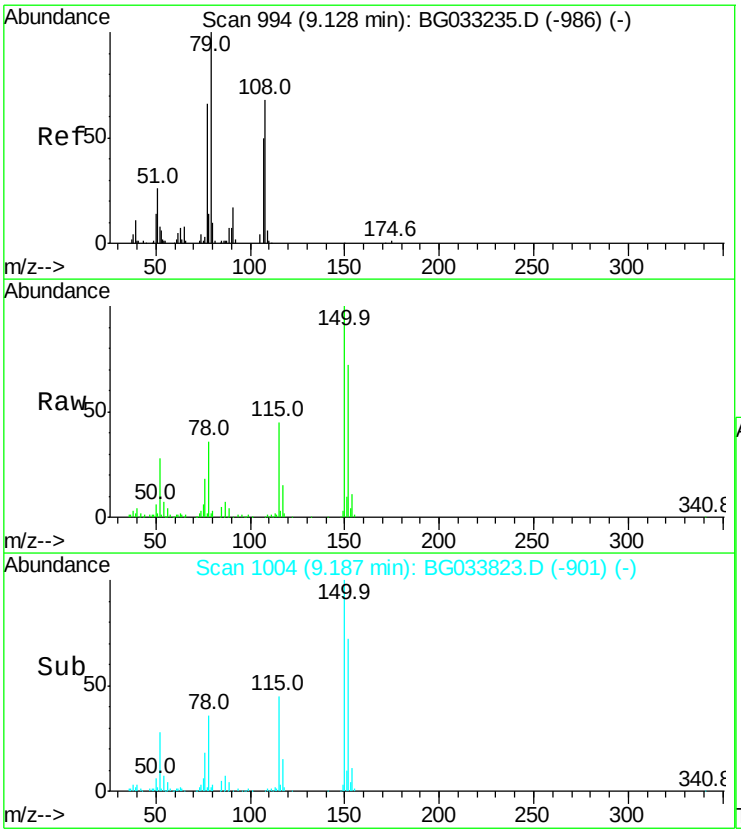
#7
Phenol-d6
Concen: 22.438 ng
RT: 8.01 min Scan# 804
Delta R.T. 0.02 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 41036

Ion	Ratio	Lower	Upper
99	100		
42	23.7	14.1	21.1#
71	37.3	26.1	39.1

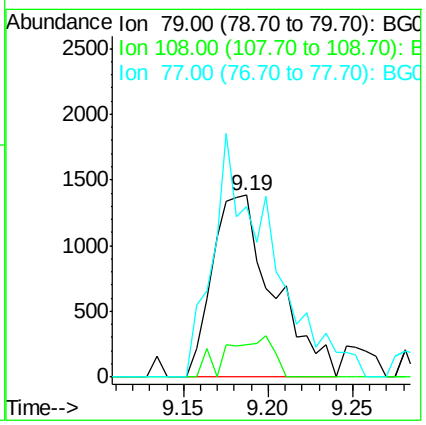


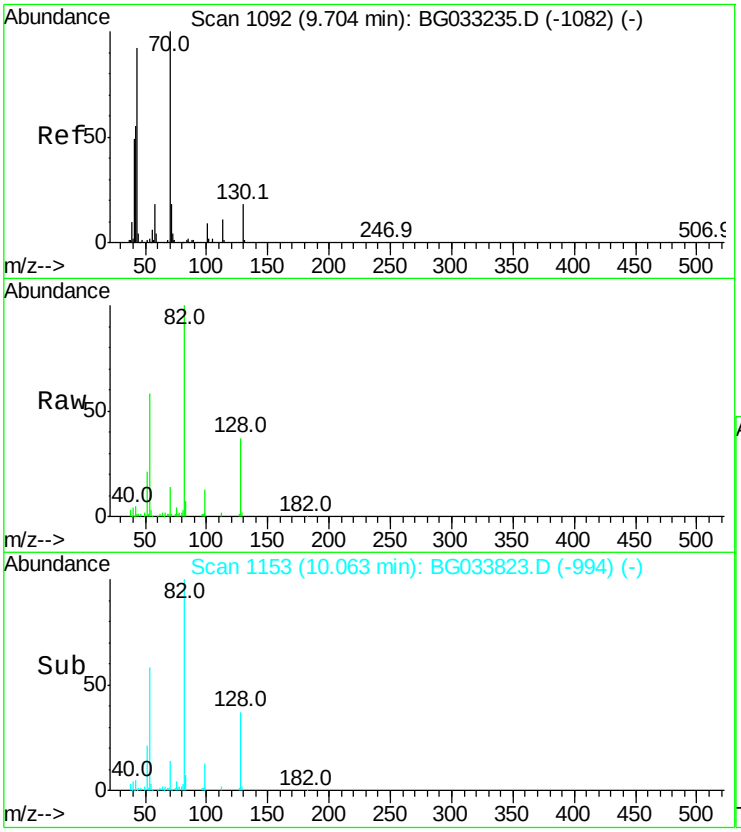


#15
Benzyl Alcohol
Concen: 2.415 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.08 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Tgt Ion: 79 Resp: 3477

Ion	Ratio	Lower	Upper
79	100		
108	18.0	57.2	85.8#
77	93.6	46.1	69.1#



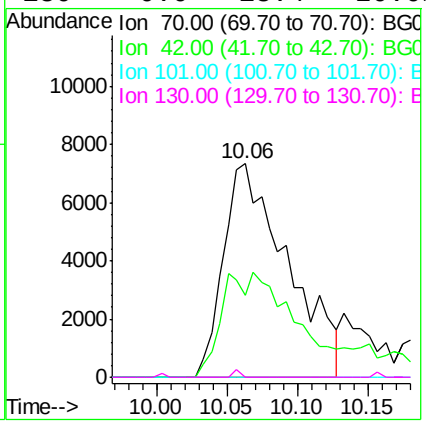


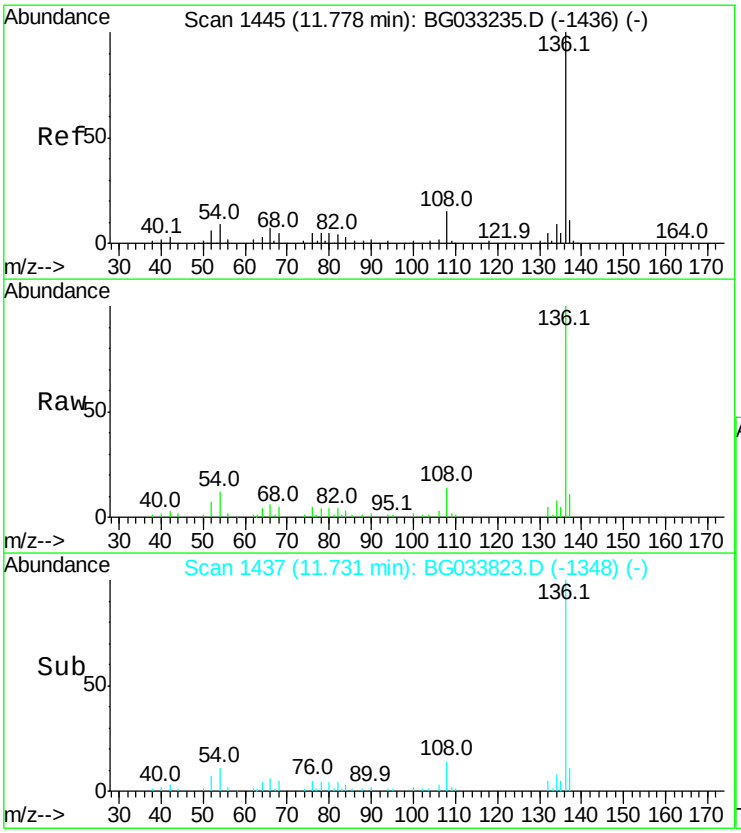
#19
n-Nitroso-di-n-propylamine
Concen: 17.367 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.41 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 23274

Ion	Ratio	Lower	Upper
70	100		
42	38.3	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#

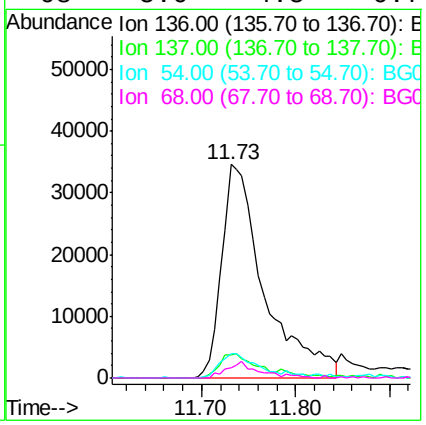


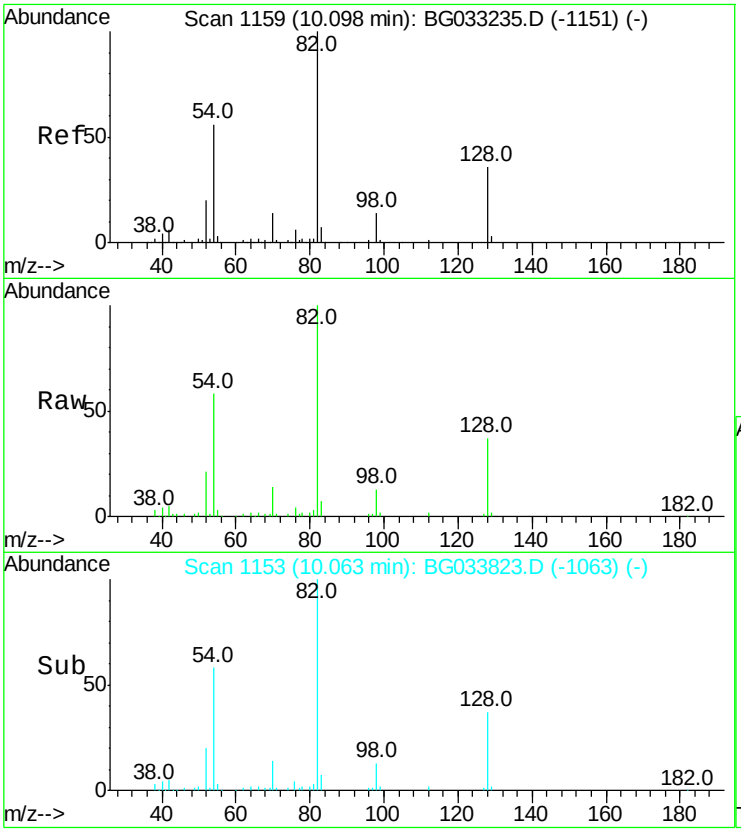


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Tgt Ion:136 Resp: 109130

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	11.7	10.3	15.5
68	5.0	4.5	6.7



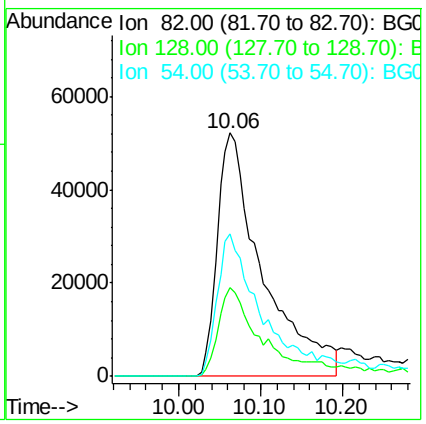


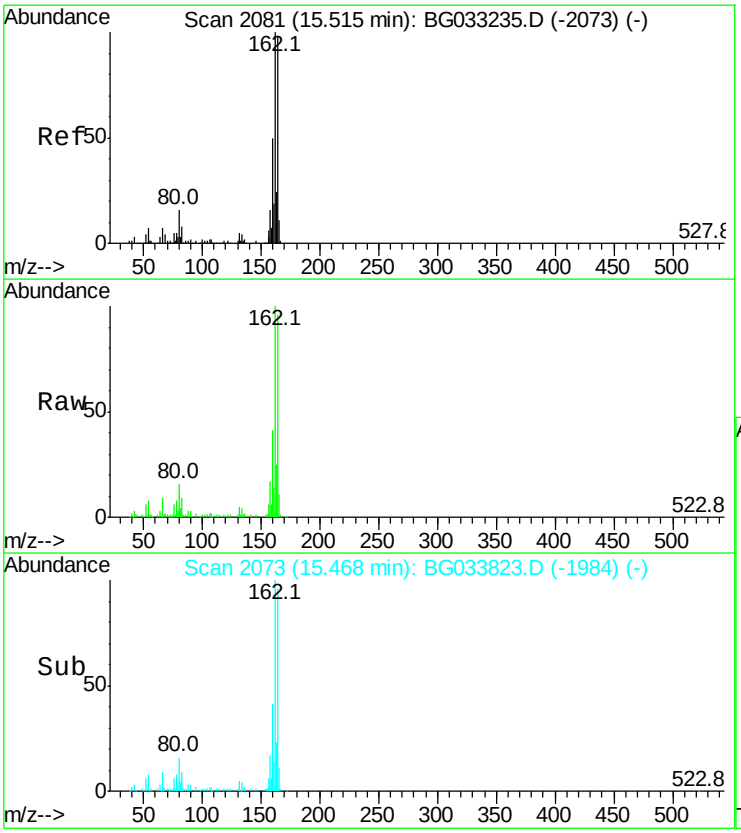
#23
Nitrobenzene-d5
Concen: 84.400 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 200473

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.7	44.5
54	58.4	43.1	64.7

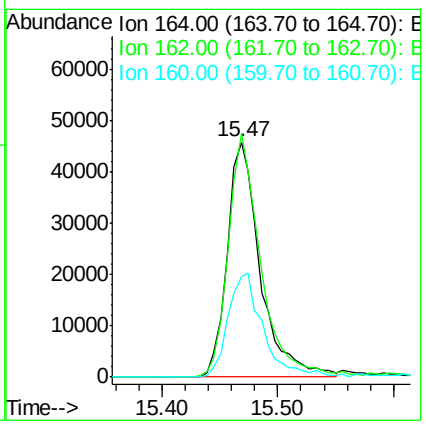


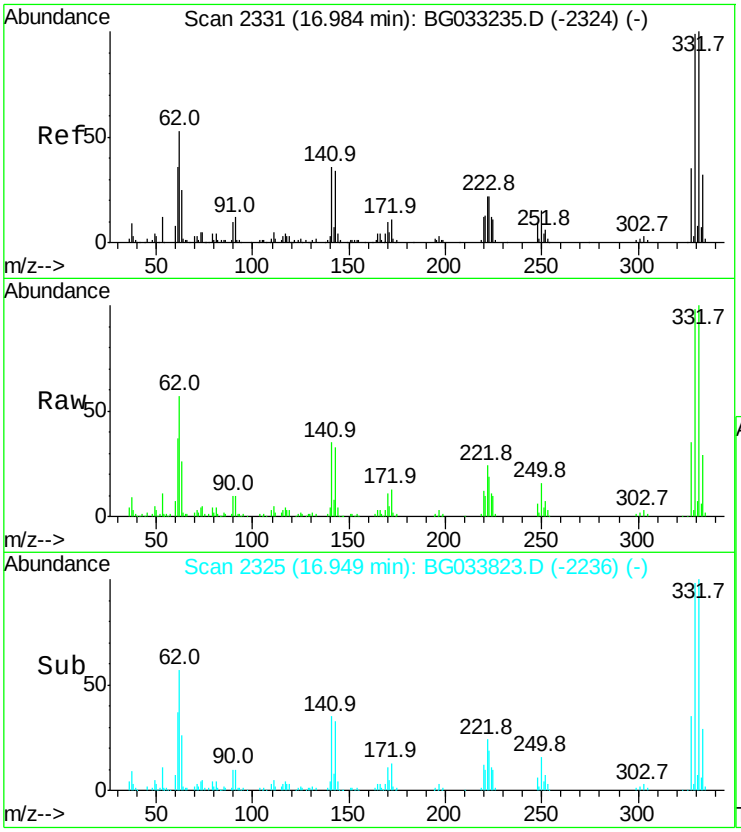


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Tgt Ion:164 Resp: 90694

Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.8	118.2
160	43.0	35.4	53.0



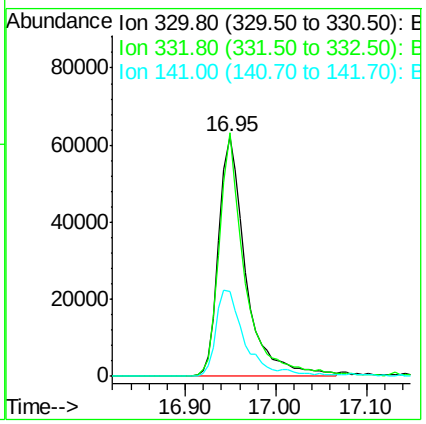


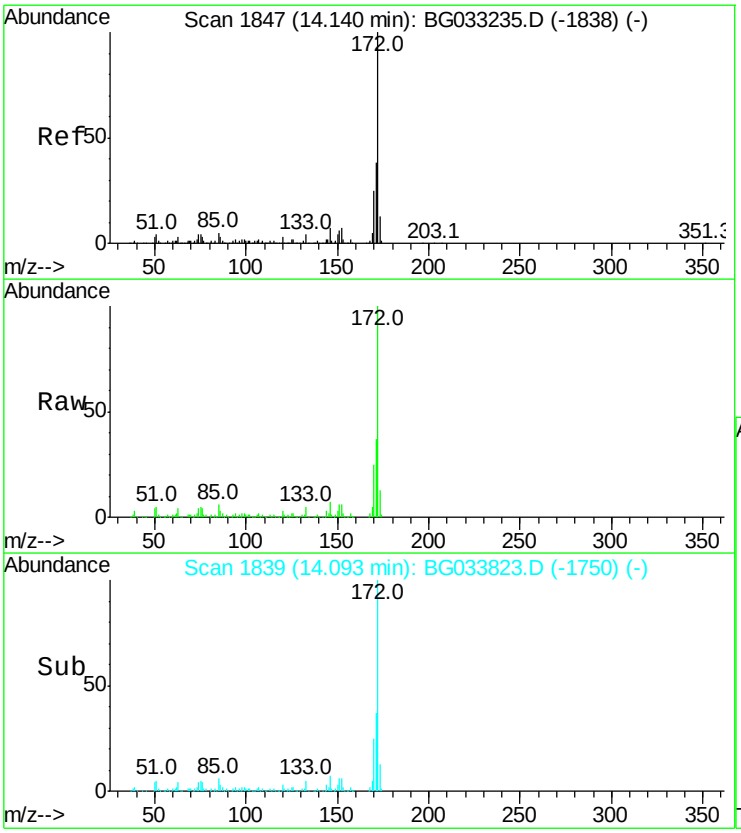
#41
2,4,6-Tribromophenol
Concen: 95.643 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 129733

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	35.9	25.2	37.8

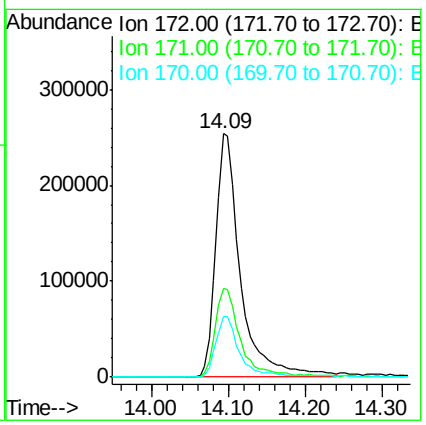


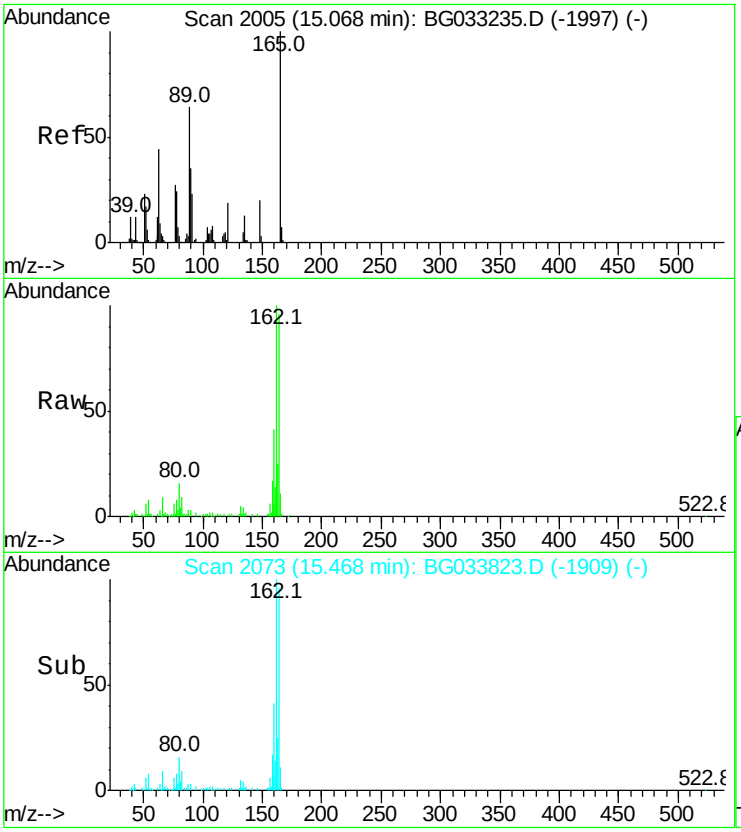


#44
2-Fluorobiphenyl
Concen: 89.894 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Tgt Ion:172 Resp: 564743

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	25.0	19.5	29.3



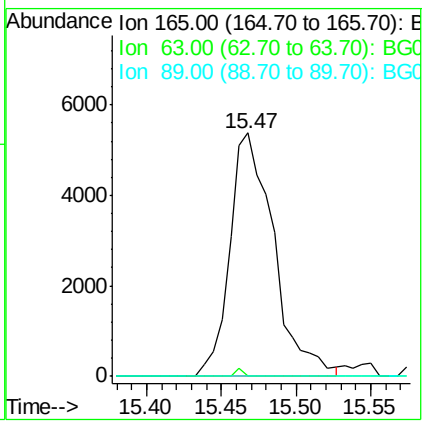


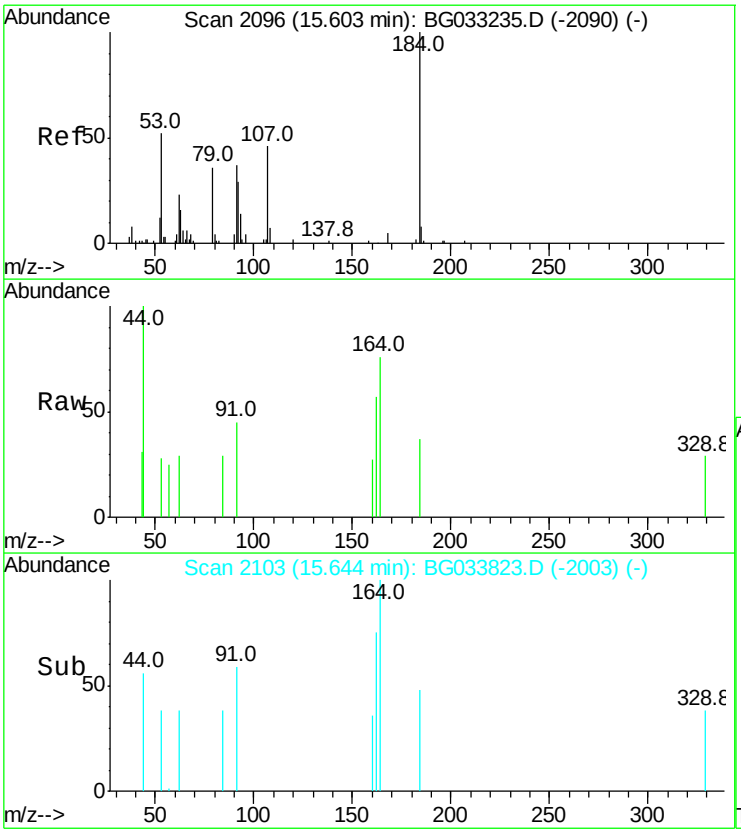
#50
2,6-Dinitrotoluene
Concen: 6.813 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.43 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10996

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

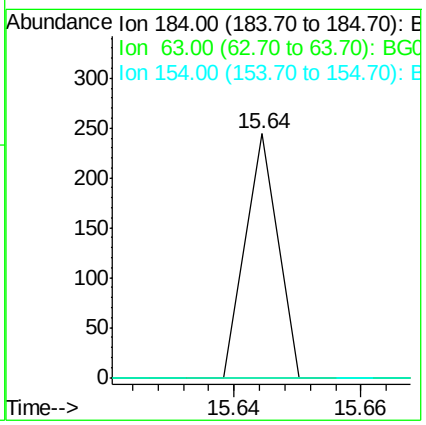


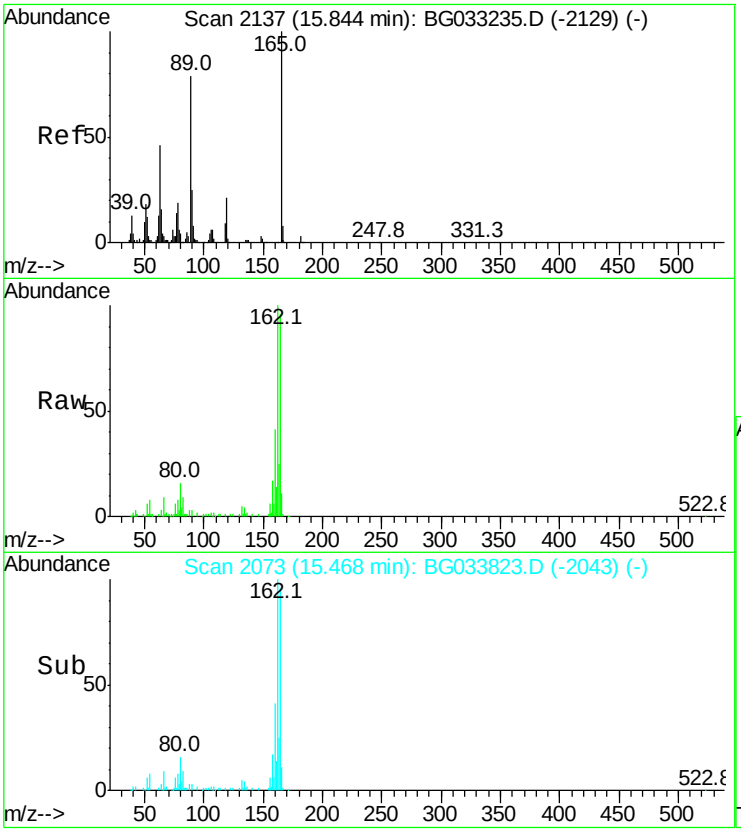


#53
2,4-Dinitrophenol
Concen: 7.736 ng
RT: 15.64 min Scan# 2103
Delta R.T. 0.06 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Tgt Ion:184 Resp: 86

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



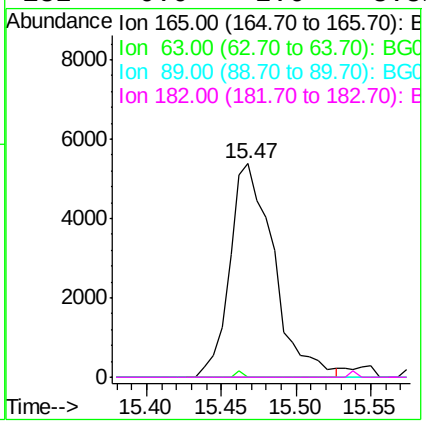


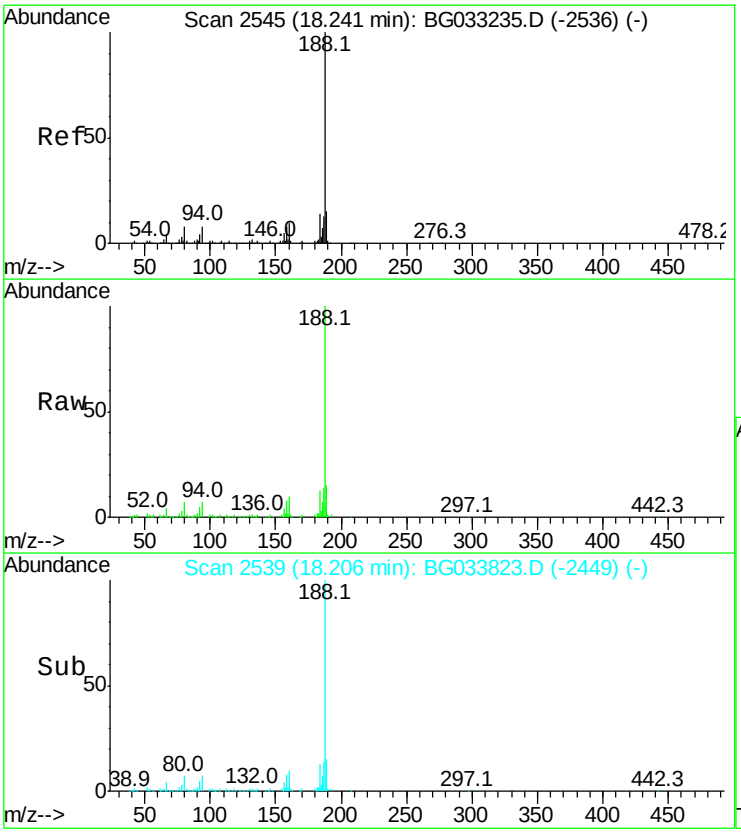
#56
2,4-Dinitrotoluene
Concen: 4.627 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.35 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10996

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#

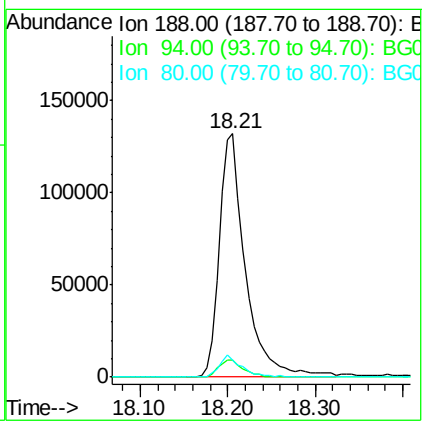


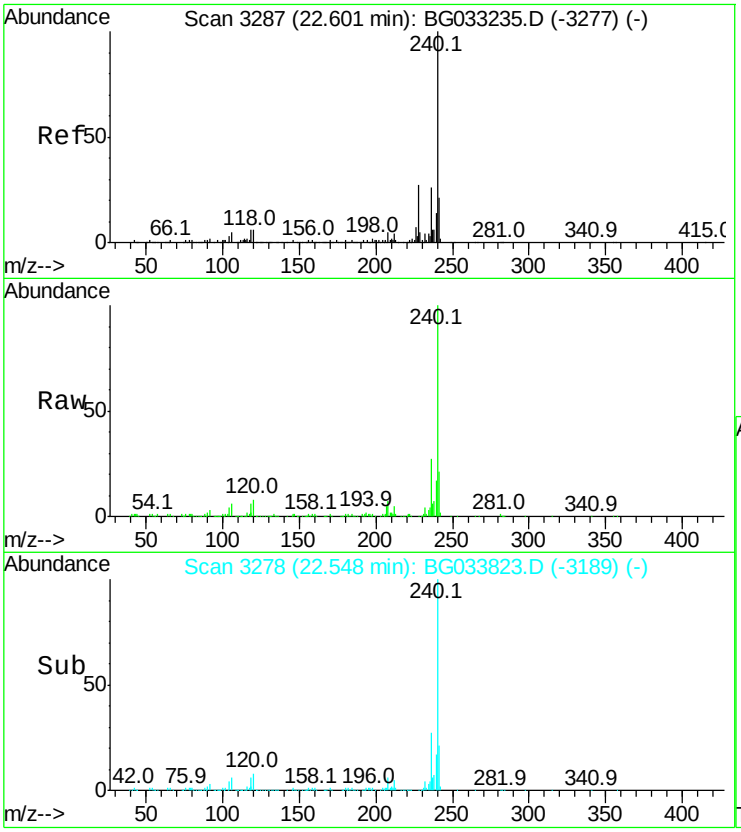


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Tgt Ion:188 Resp: 269287

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



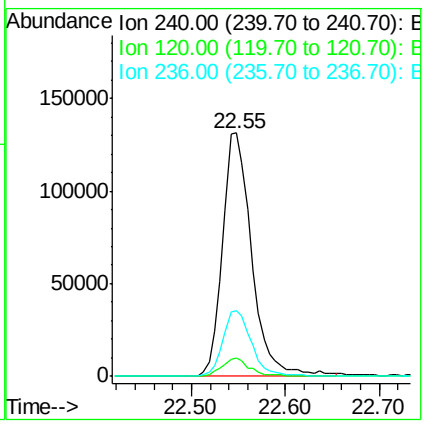


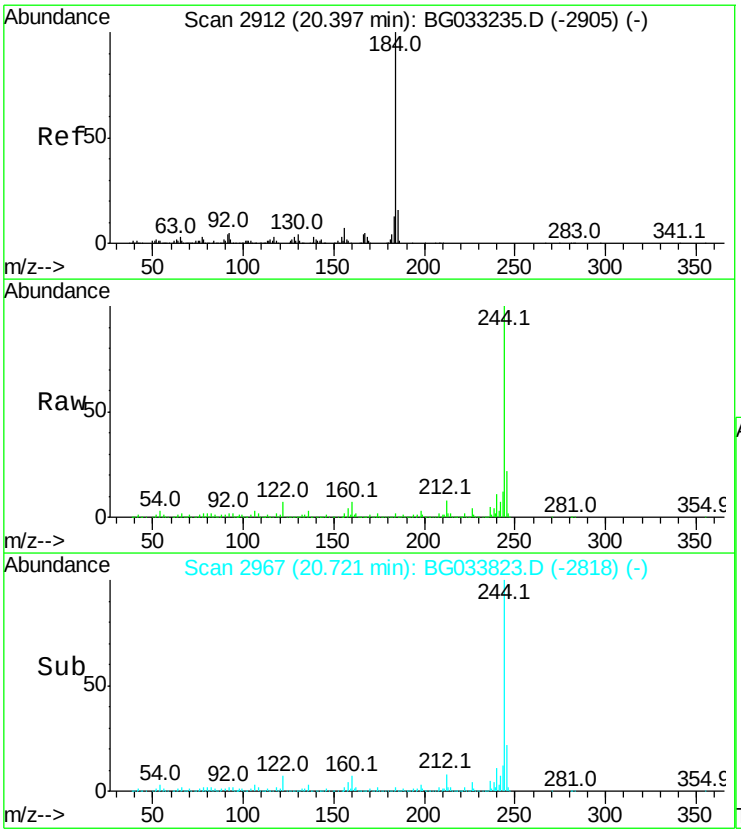
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 283313

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.8	10.2
236	27.1	20.9	31.3

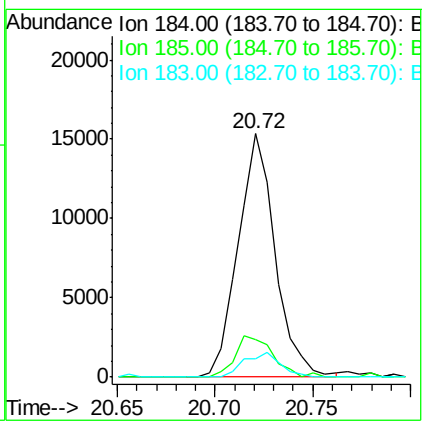


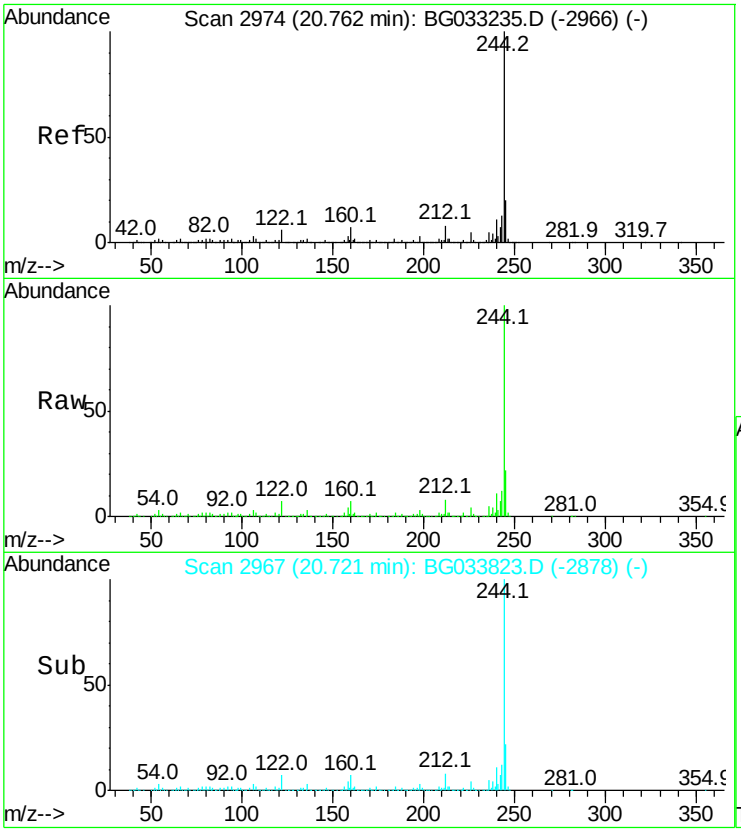


#76
Benzidine
Concen: 2.624 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.35 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Tgt Ion:184 Resp: 20158

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.1	16.7
183	7.7	10.6	16.0#



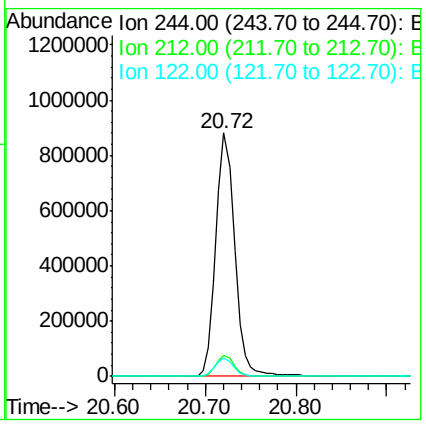


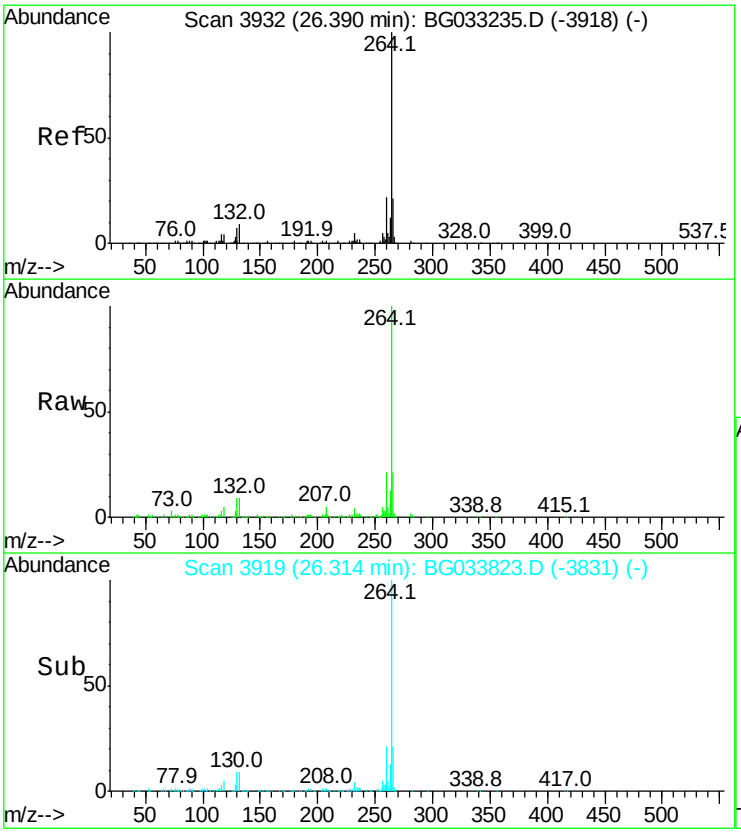
#78
Terphenyl-d14
Concen: 96.554 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1279106

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	7.5	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BG033823.D
Acq: 16 Apr 2018 19:22

Tgt Ion:264 Resp: 308193

Ion	Ratio	Lower	Upper
264	100		
260	21.2	17.4	26.0
265	21.3	17.7	26.5