Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036717.D
Acq On : 14 Sep 2018 22:37
Operator : JU/SJ
Sample : J4892-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 15 02:12:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52251	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	224784	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	158149	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	410477	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	399453	20.00	ng	-0.02
86) Perylene-d12	24.89	264	408096	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	156475	47.50	ng	0.00
7) Phenol-d6	7.21	99	137327	29.12	ng	-0.01
23) Nitrobenzene-d5	9.21	82	349557	84.37	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	273024	144.68	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	849270	76.67	ng	-0.01
78) Terphenyl-d14	20.03	244	1483427	86.80	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.16	117	3446	2.334	ng	# 1
19) n-Nitroso-di-n-propylamine	9.21	70	45997	13.050	ng	# 71
32) Benzoic acid	9.82	122	283	4.585	ng	# 1
49) Dimethylphthalate	14.12	163	144526	11.192	ng	99
56) 2,4-Dinitrotoluene	14.67	165	20723	5.984	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	19456	4.048	ng	# 1
76) Benzidine	20.02	184	27010	2.119	ng	# 87

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

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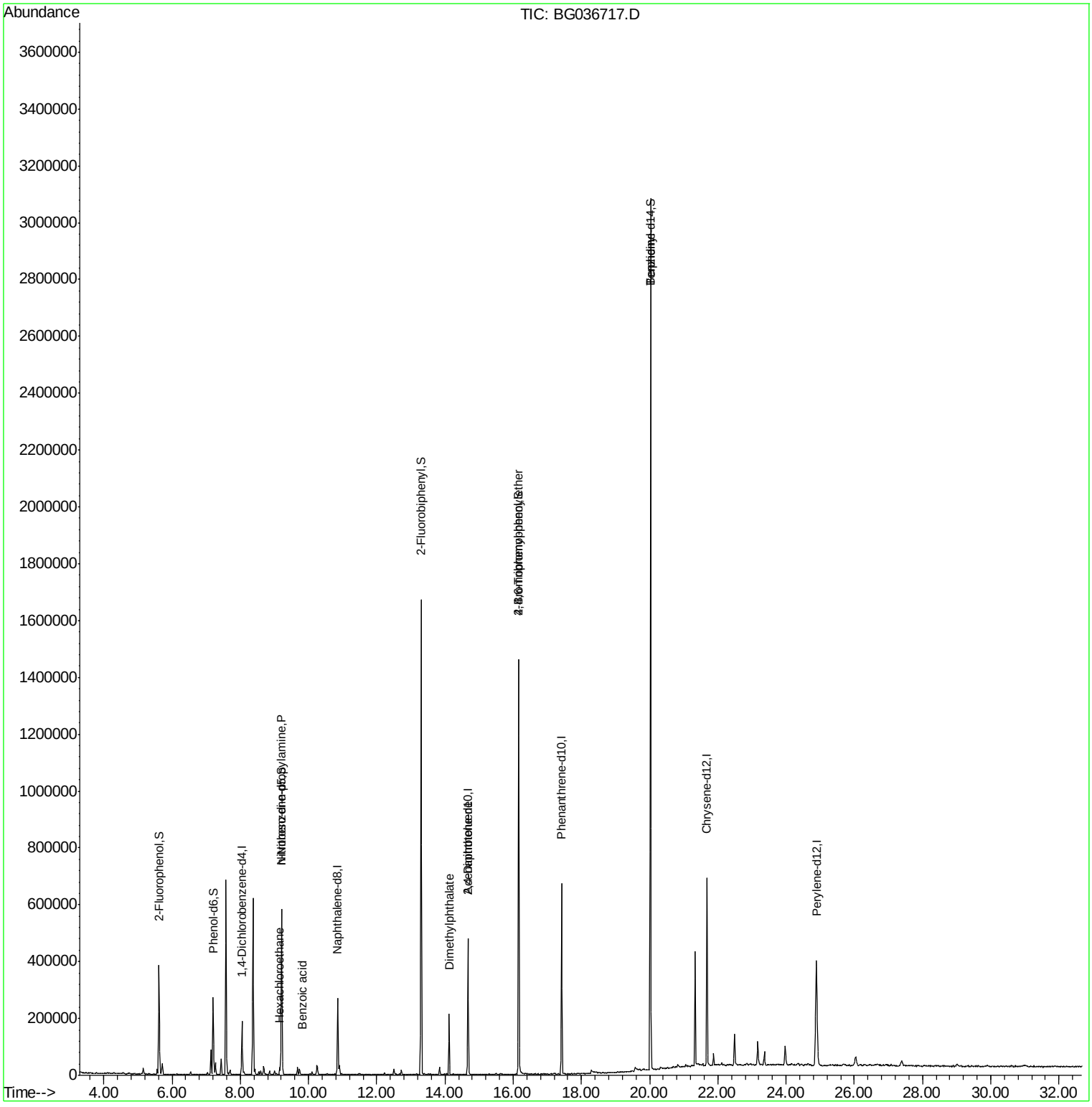
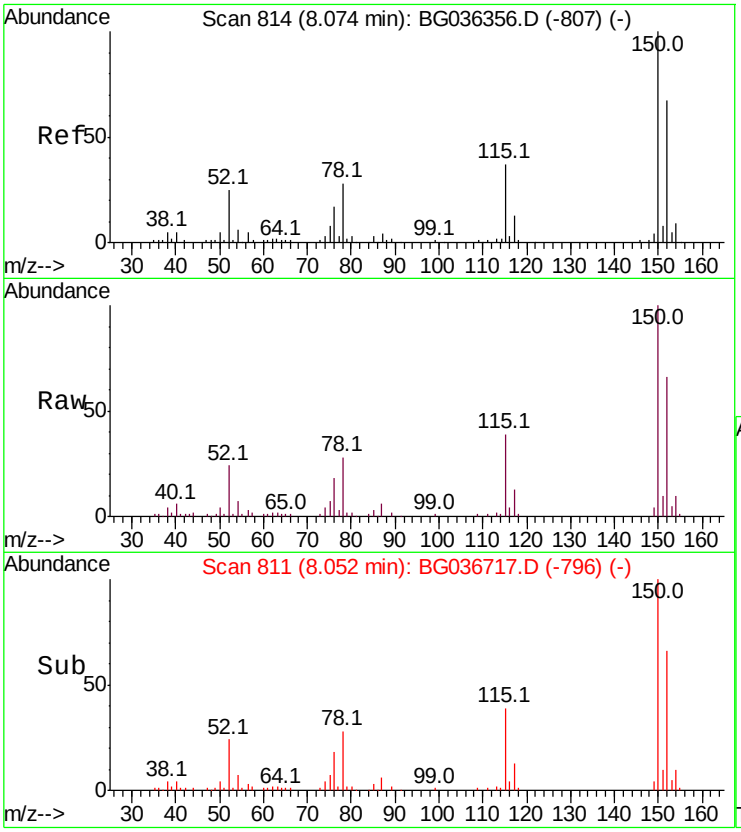


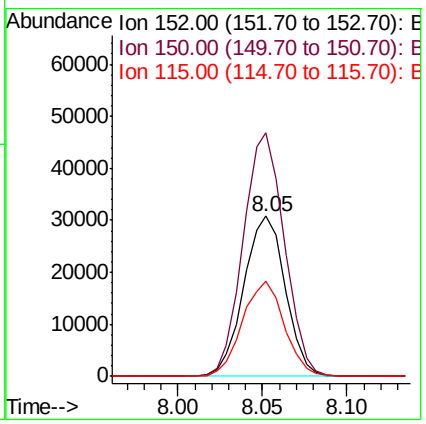


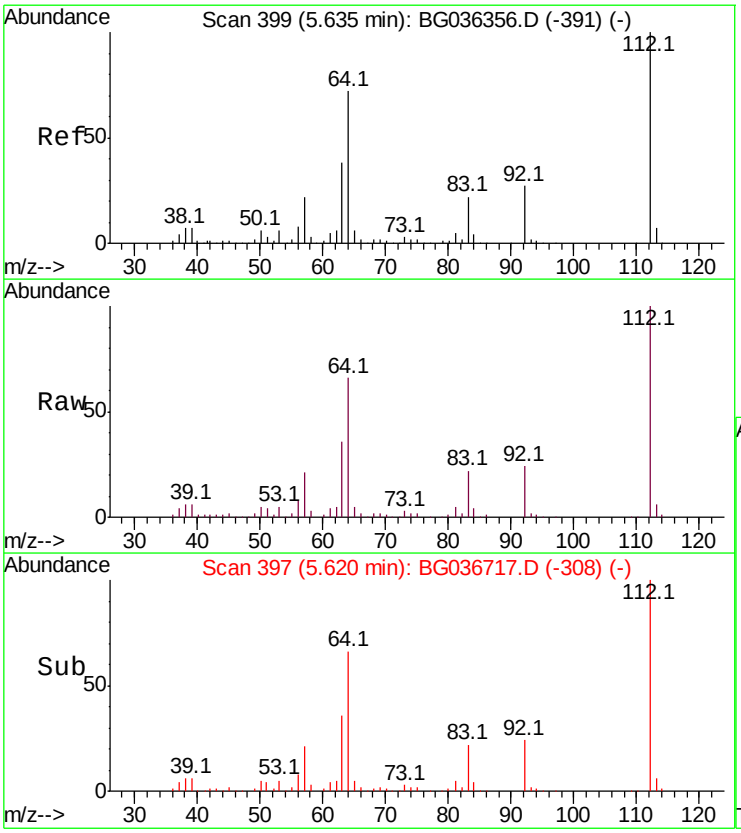
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 52251

Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.5	179.3
115	59.1	44.5	66.7

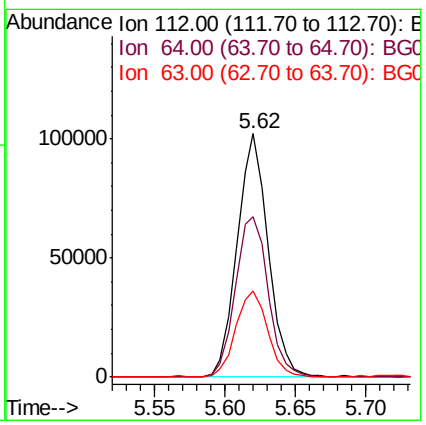


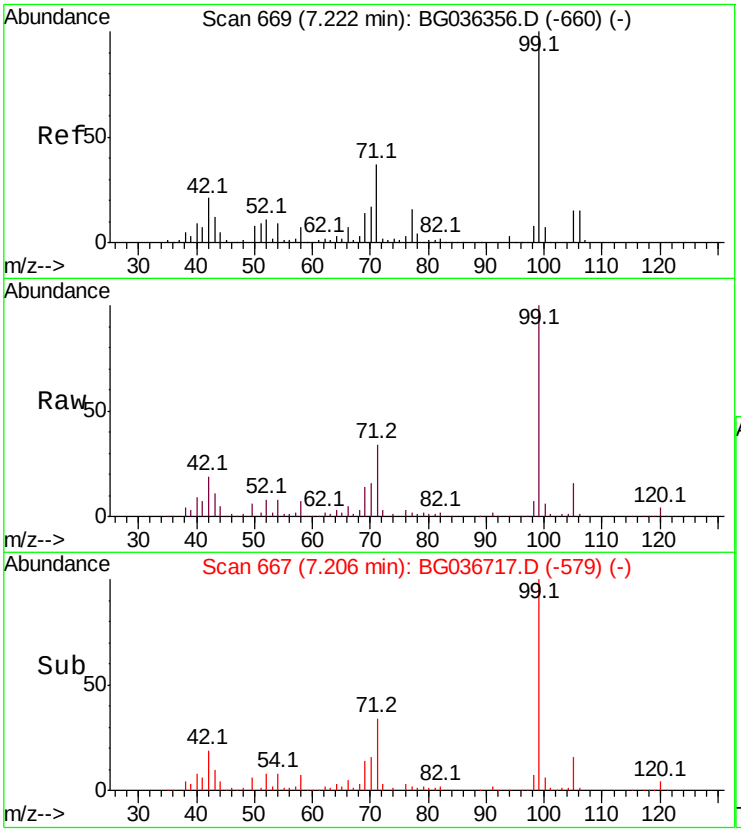


#5
2-Fluorophenol
Concen: 47.504 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Tgt Ion:112 Resp: 156475

Ion	Ratio	Lower	Upper
112	100		
64	66.1	57.2	85.8
63	35.6	30.8	46.2



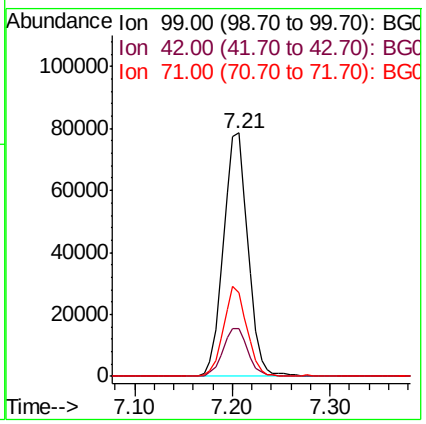


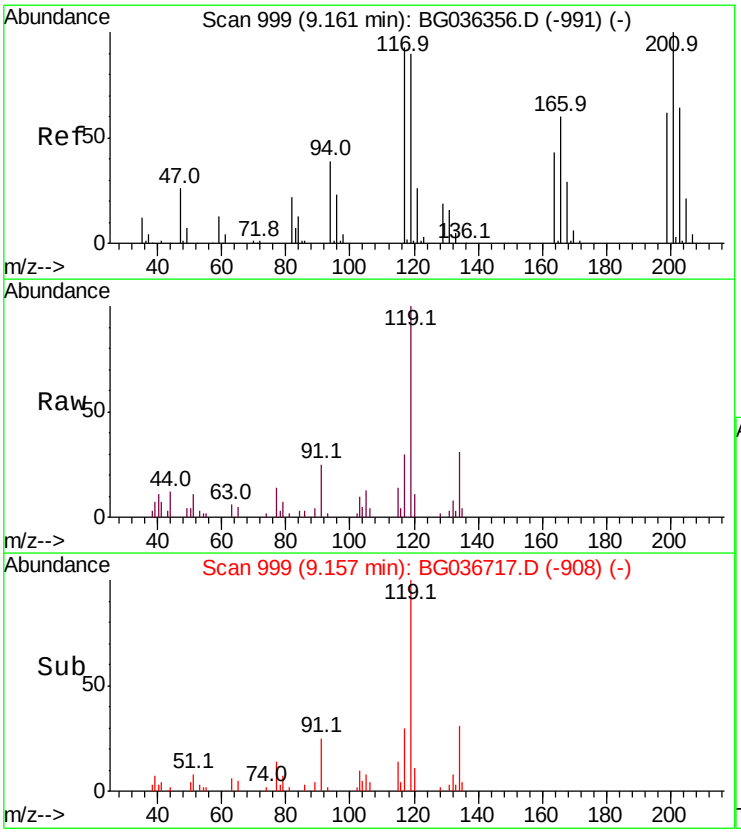
#7
Phenol-d6
Concen: 29.119 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 137327

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.5	24.7
71	34.2	29.4	44.2

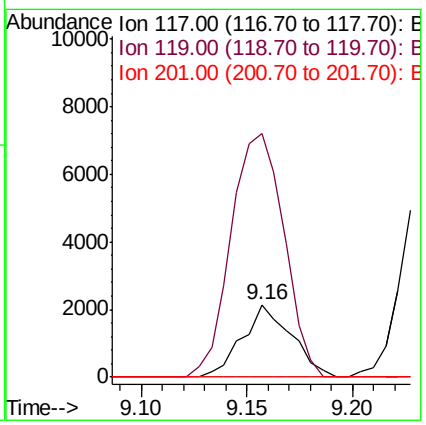


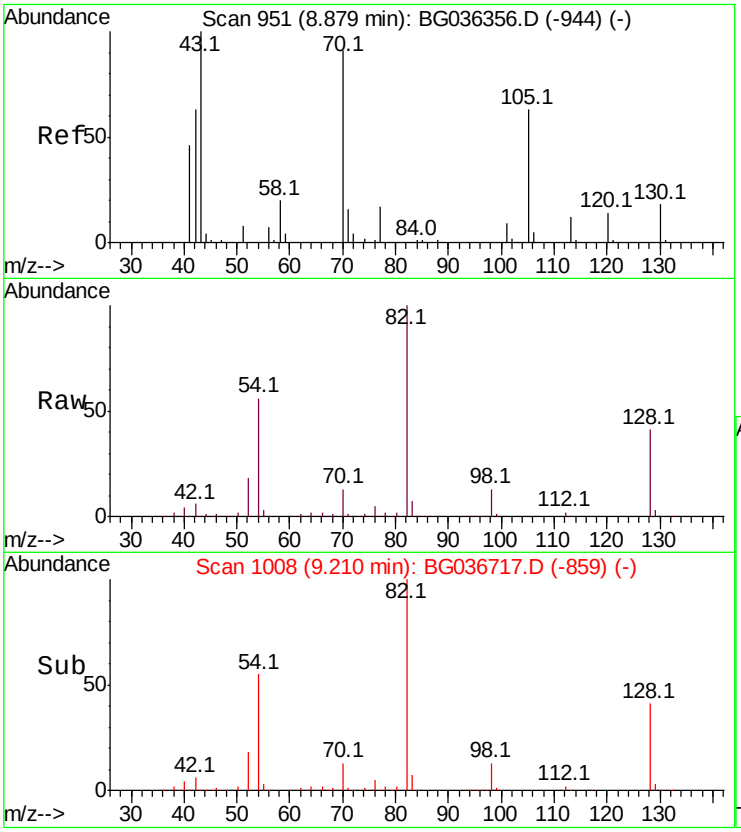


#18
Hexachloroethane
Concen: 2.334 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.01 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Tgt Ion:117 Resp: 3446

Ion	Ratio	Lower	Upper
117	100		
119	337.0	76.8	115.2#
201	0.0	85.7	128.5#



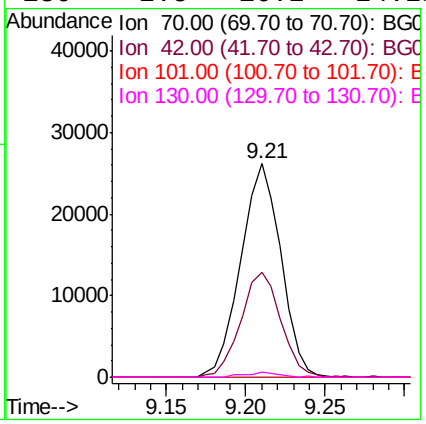


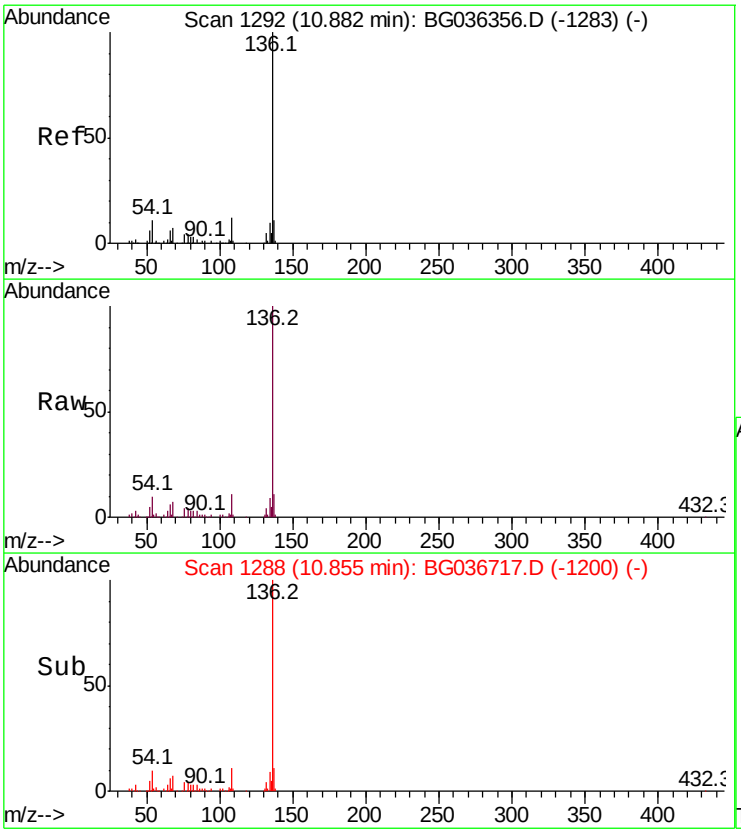
#19
n-Nitroso-di-n-propylamine
Concen: 13.050 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.35 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 45997

Ion	Ratio	Lower	Upper
70	100		
42	48.9	56.2	84.4#
101	0.0	7.8	11.6#
130	2.5	16.2	24.2#

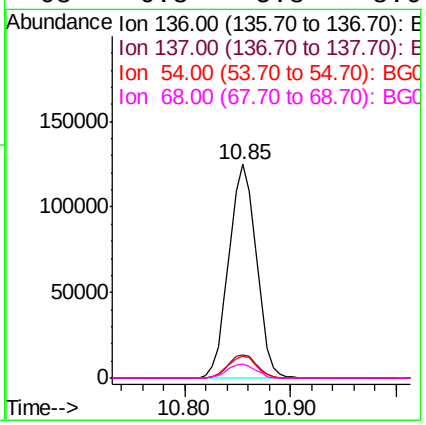


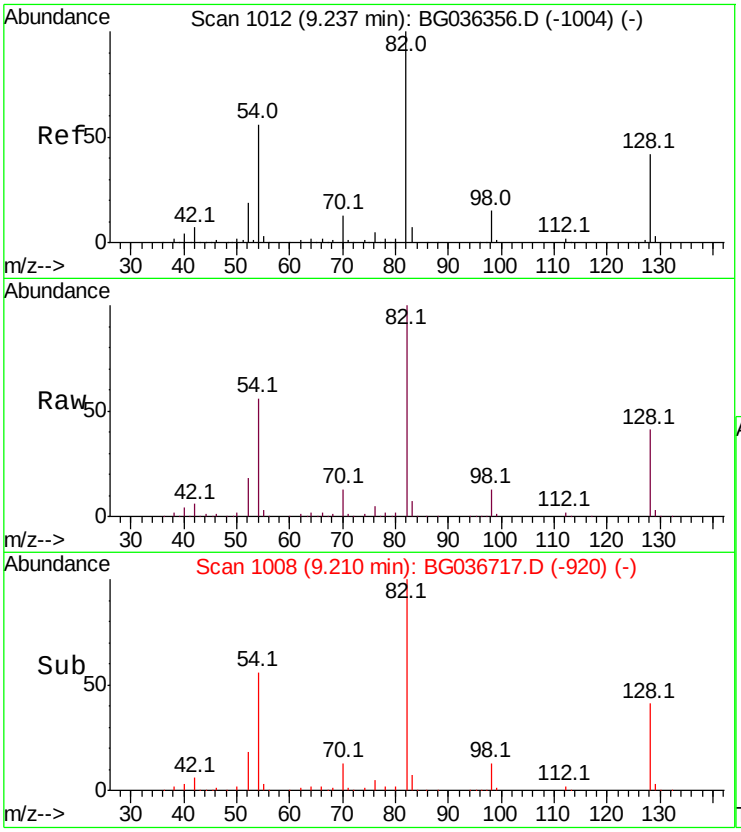


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Tgt Ion:136 Resp: 224784

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.2	9.2	13.8
68	6.8	5.8	8.6



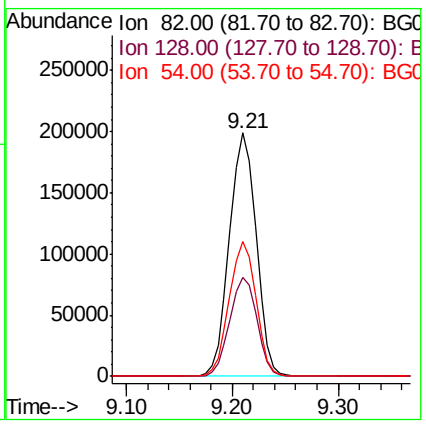


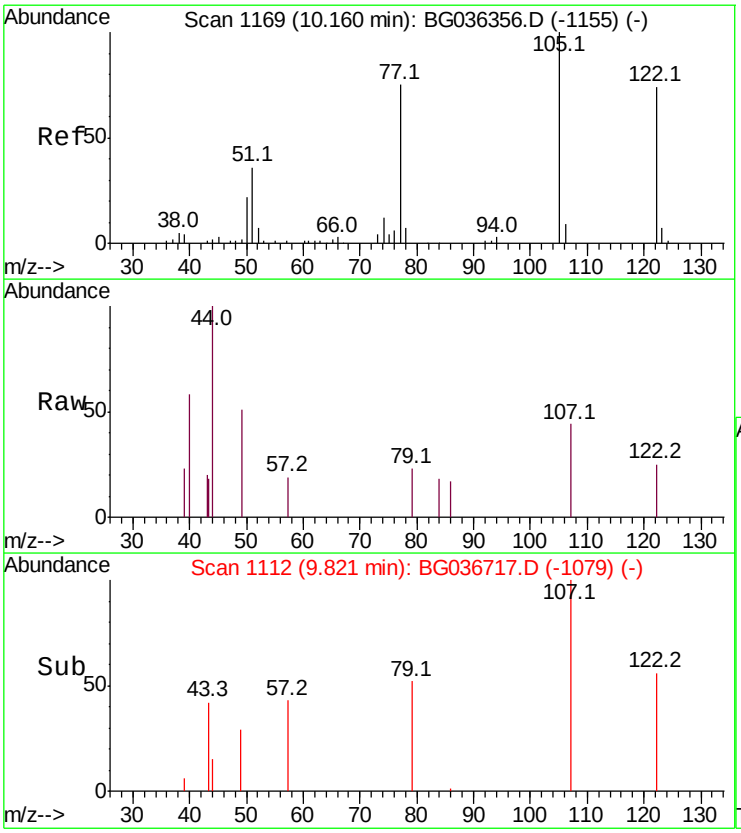
#23
Nitrobenzene-d5
Concen: 84.373 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 349557

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.3	49.9
54	55.5	45.1	67.7

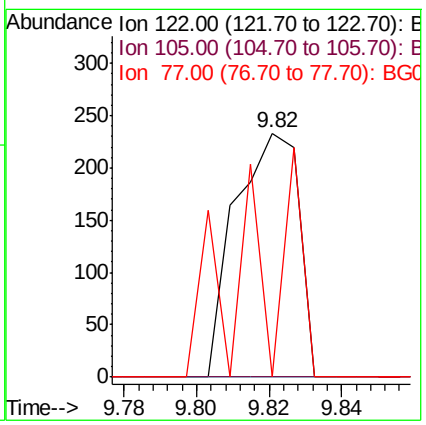


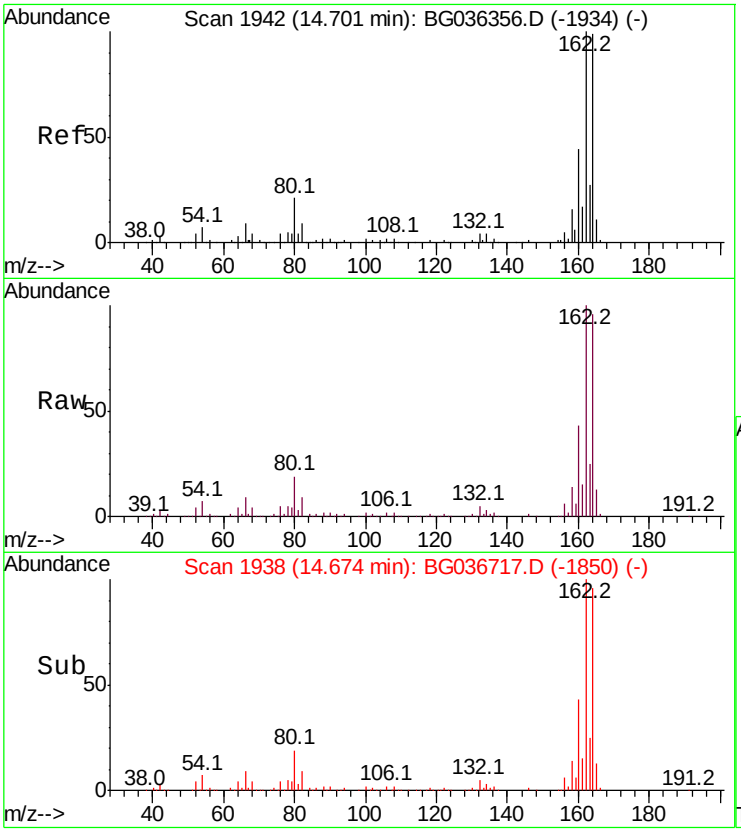


#32
Benzoic acid
Concen: 4.585 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.33 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Tgt Ion:122 Resp: 283

Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.1	148.1#
77	0.0	76.3	116.3#



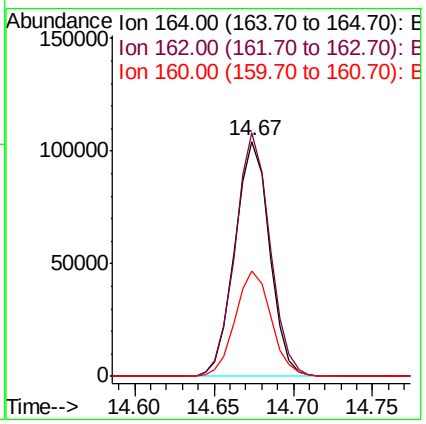


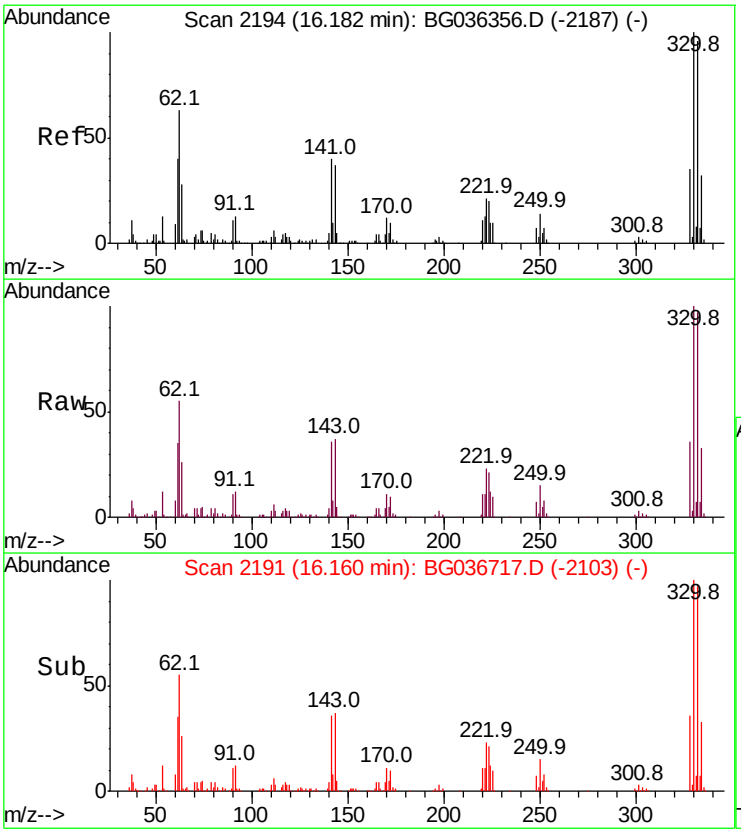
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 158149

Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.7	121.1
160	45.1	35.3	52.9

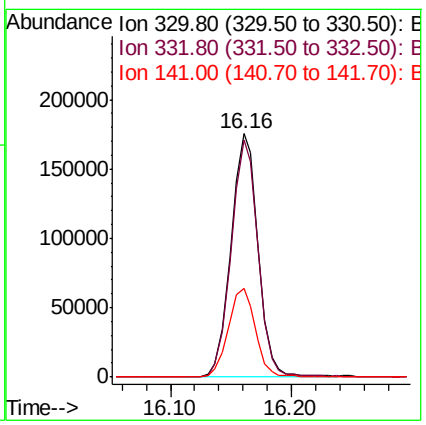


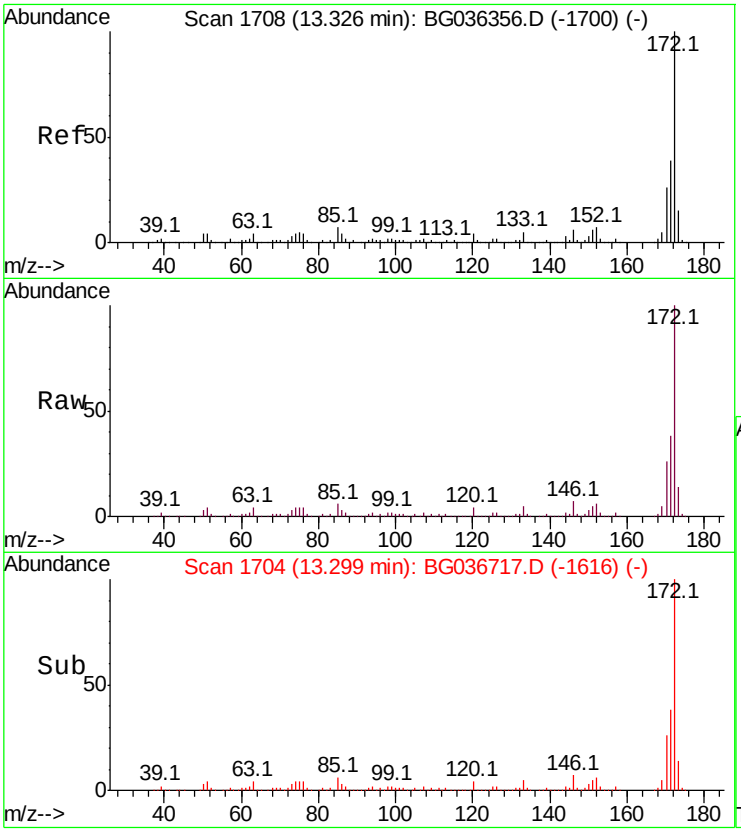


#41
2,4,6-Tribromophenol
Concen: 144.681 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Tgt Ion:330 Resp: 273024

Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.4	113.2
141	36.6	30.7	46.1



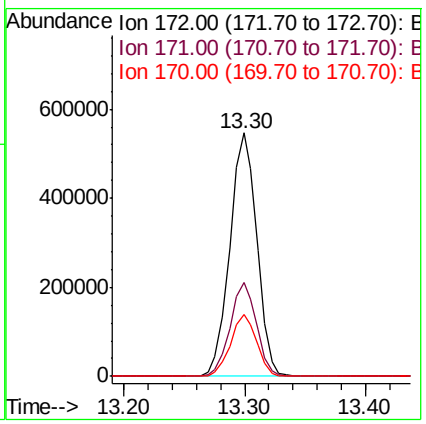


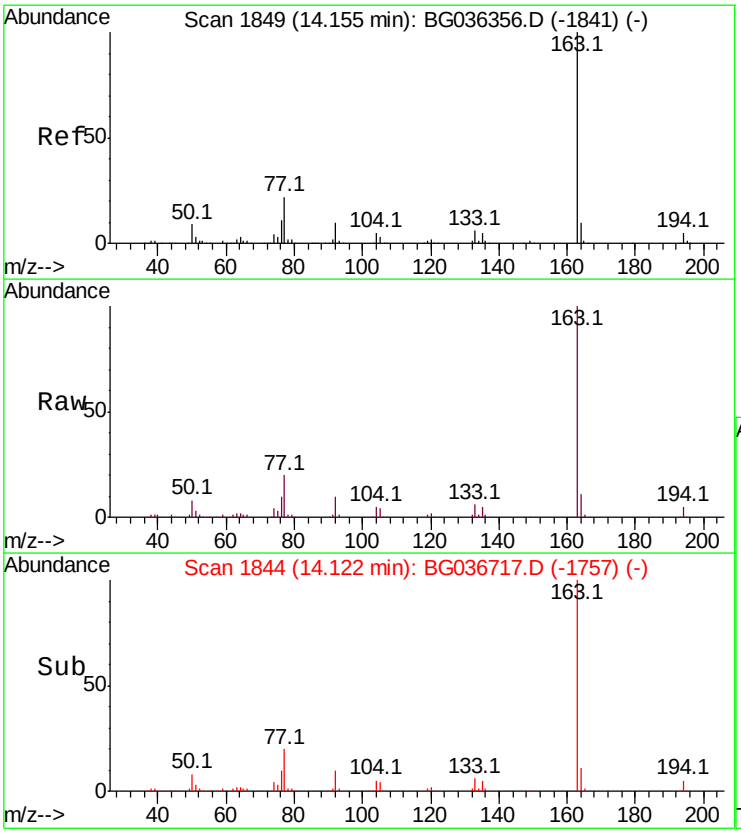
#44
2-Fluorobiphenyl
Concen: 76.675 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 849270

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.5	21.0	31.6

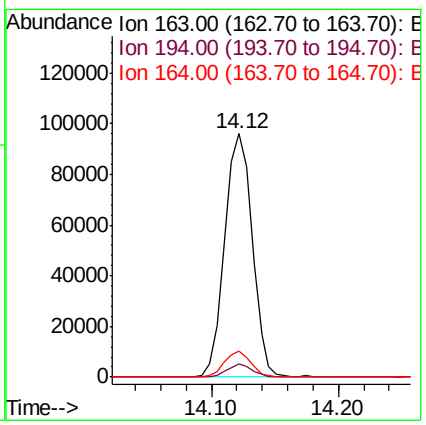


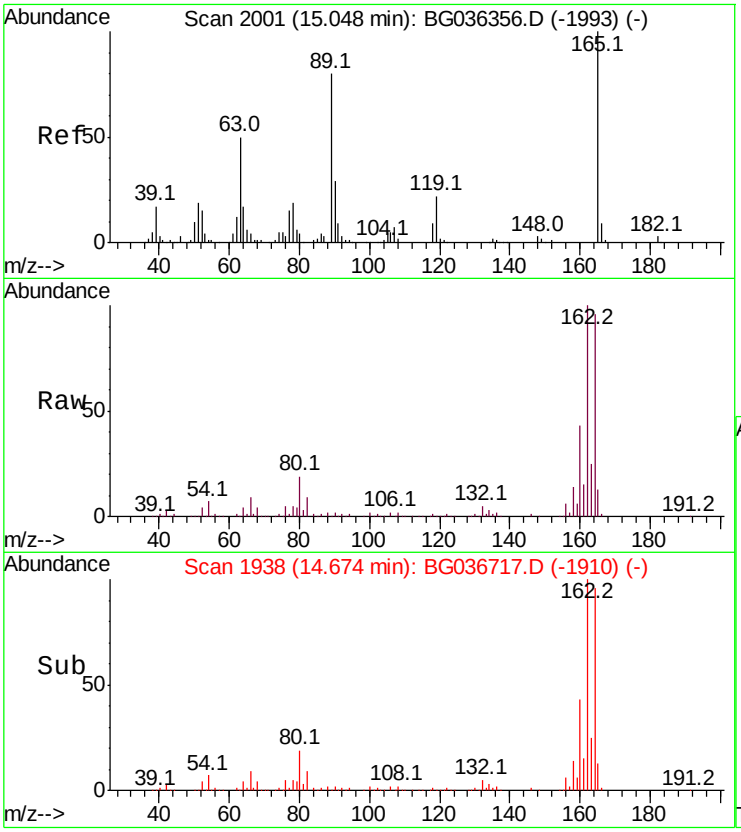


#49
Dimethylphthalate
Concen: 11.192 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Tgt Ion:163 Resp: 144526

Ion	Ratio	Lower	Upper
163	100		
194	5.3	4.0	6.0
164	10.7	8.1	12.1



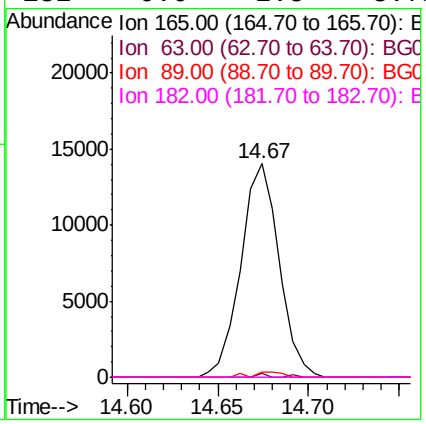


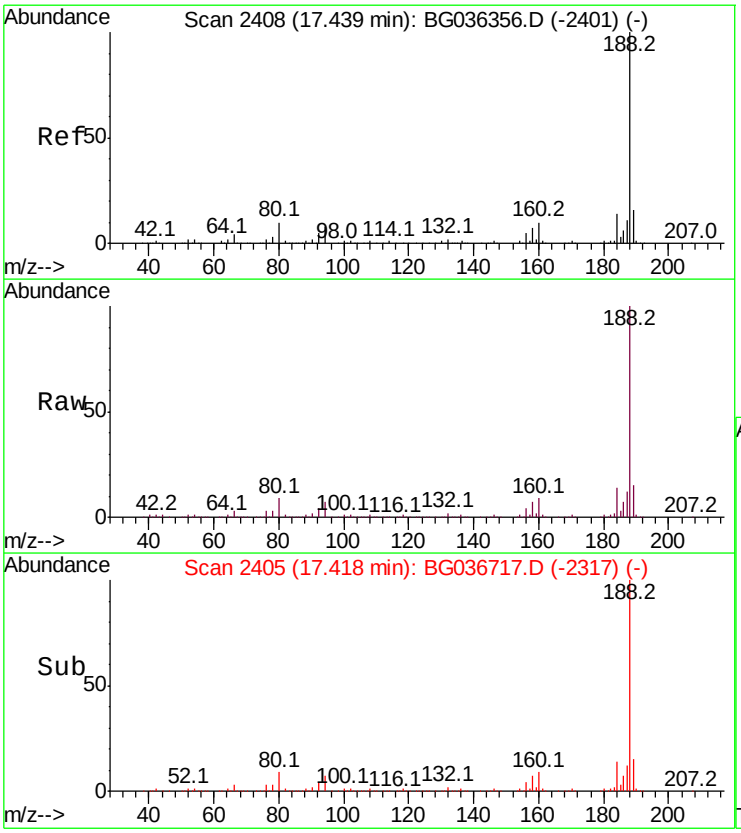
#56
2,4-Dinitrotoluene
Concen: 5.984 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20723

Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.1	60.1#
89	2.7	63.7	95.5#
182	0.0	2.5	3.7#

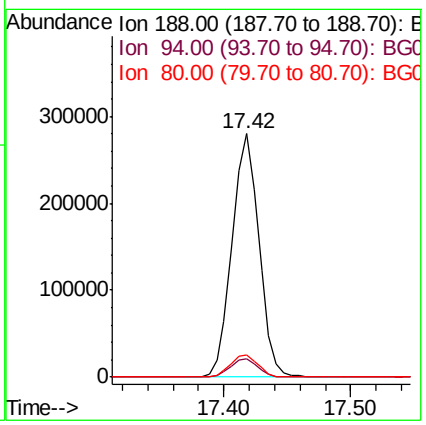


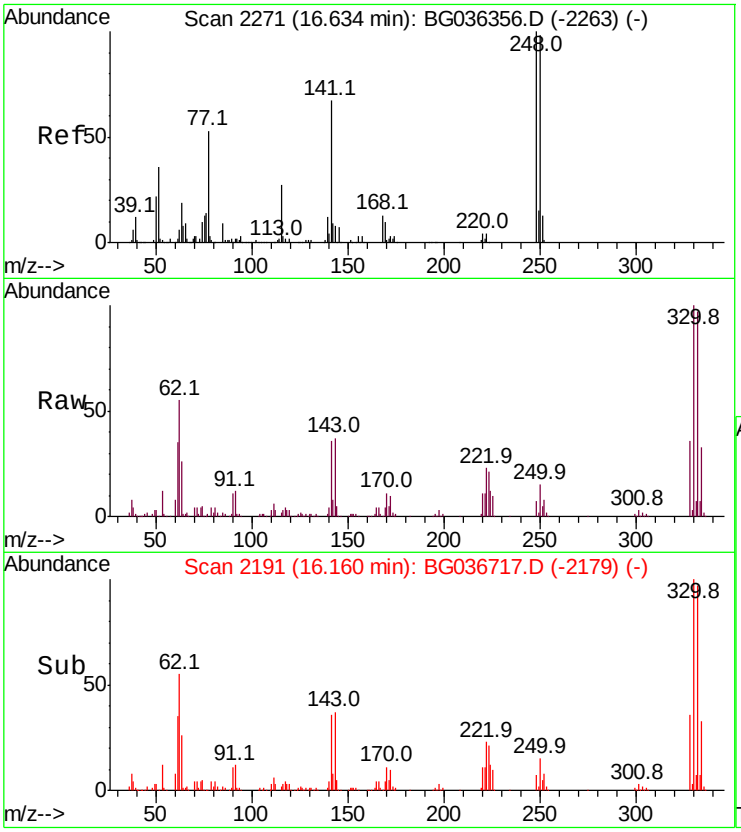


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Tgt Ion:188 Resp: 410477

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.7	10.1
80	9.2	8.1	12.1



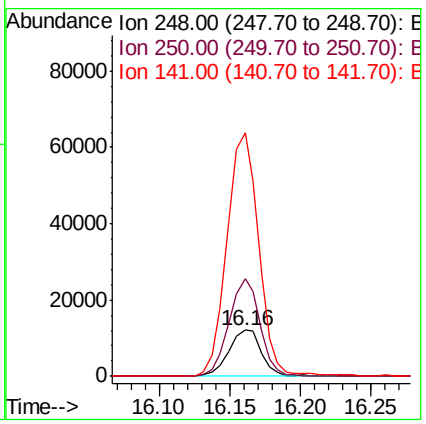


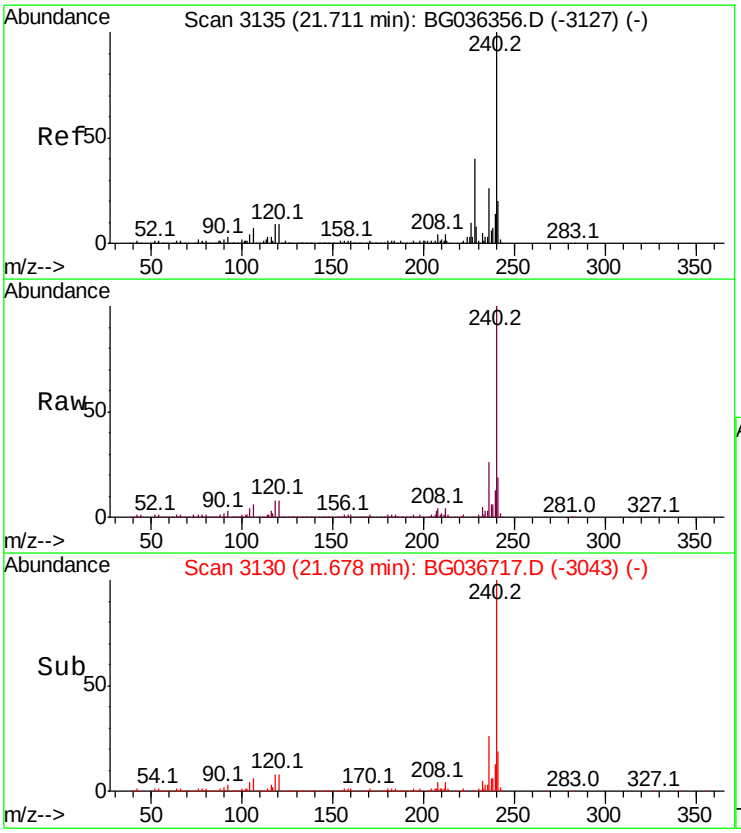
#66
4-Bromophenyl-phenylether
Concen: 4.048 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 19456

Ion	Ratio	Lower	Upper
248	100		
250	211.2	78.1	117.1#
141	528.8	53.7	80.5#

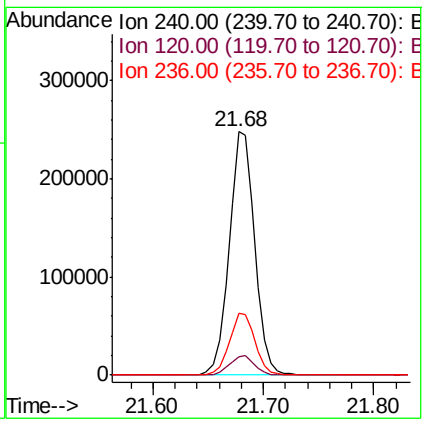


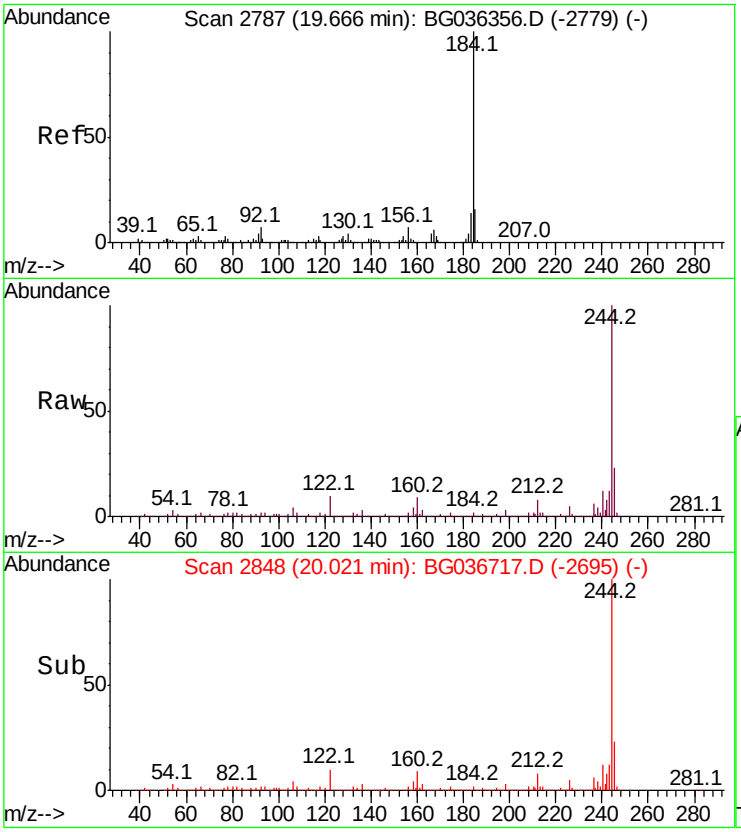


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Tgt Ion:240 Resp: 399453

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.9	10.3
236	25.6	21.2	31.8



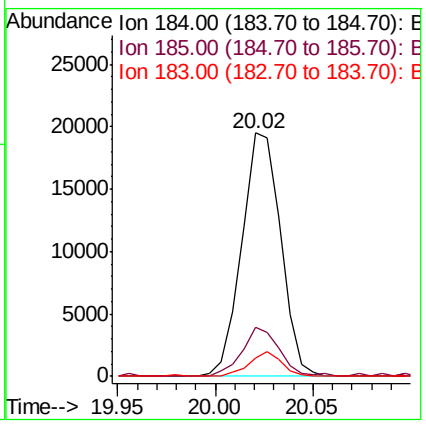


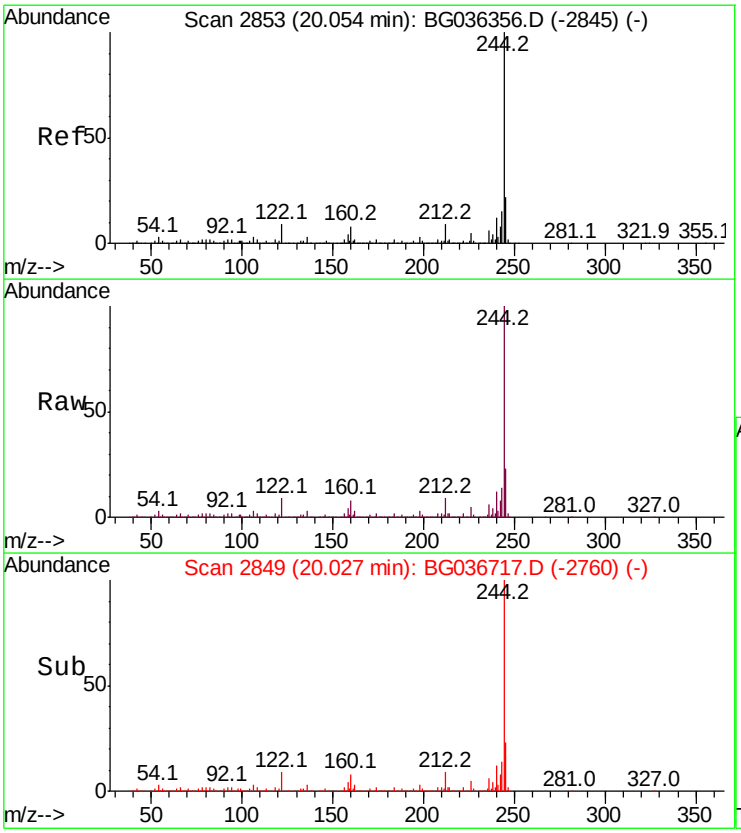
#76
Benzidine
Concen: 2.119 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 27010

Ion	Ratio	Lower	Upper
184	100		
185	20.3	12.6	18.8#
183	7.5	10.9	16.3#

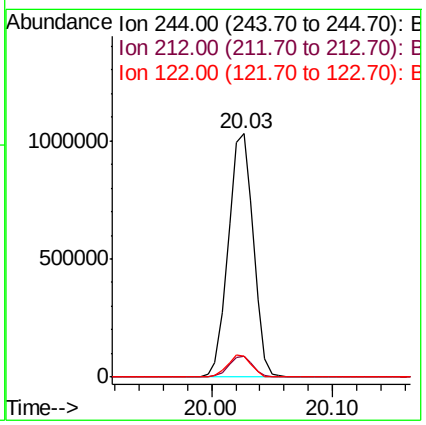


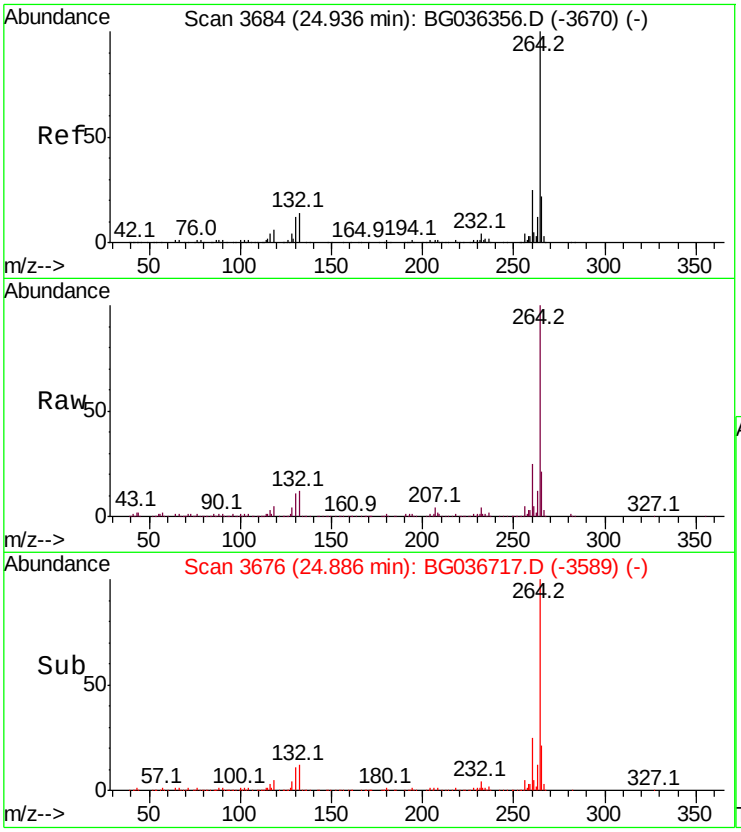


#78
Terphenyl-d14
Concen: 86.801 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Tgt Ion:244 Resp: 1483427

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	8.7	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 408096

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.3	17.4	26.0