Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080618\
Data File : BG036147.D
Acq On : 7 Aug 2018 4:38
Operator : JU/SJ
Sample : J4277-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-080318-A

Quant Time: Aug 07 07:07:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	36330	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	127134	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	89868	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	247033	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	260367	20.00	ng	-0.02
86) Perylene-d12	24.83	264	246475	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	279314	127.64	ng	-0.01
7) Phenol-d6	7.19	99	355272	108.82	ng	-0.01
23) Nitrobenzene-d5	9.17	82	297897	97.89	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	216887	183.10	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	701638	104.60	ng	-0.02
78) Terphenyl-d14	19.99	244	1287799	109.03	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.17	70	40283	14.652	ng	# 66
31) Naphthalene	10.86	128	29564	4.464	ng	# 90
50) 2,6-Dinitrotoluene	14.63	165	11482	7.161	ng	# 18
56) 2,4-Dinitrotoluene	14.63	165	11482	4.992	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	17908	6.248	ng	# 1
76) Benzidine	19.62	184	181080	26.454	ng	96

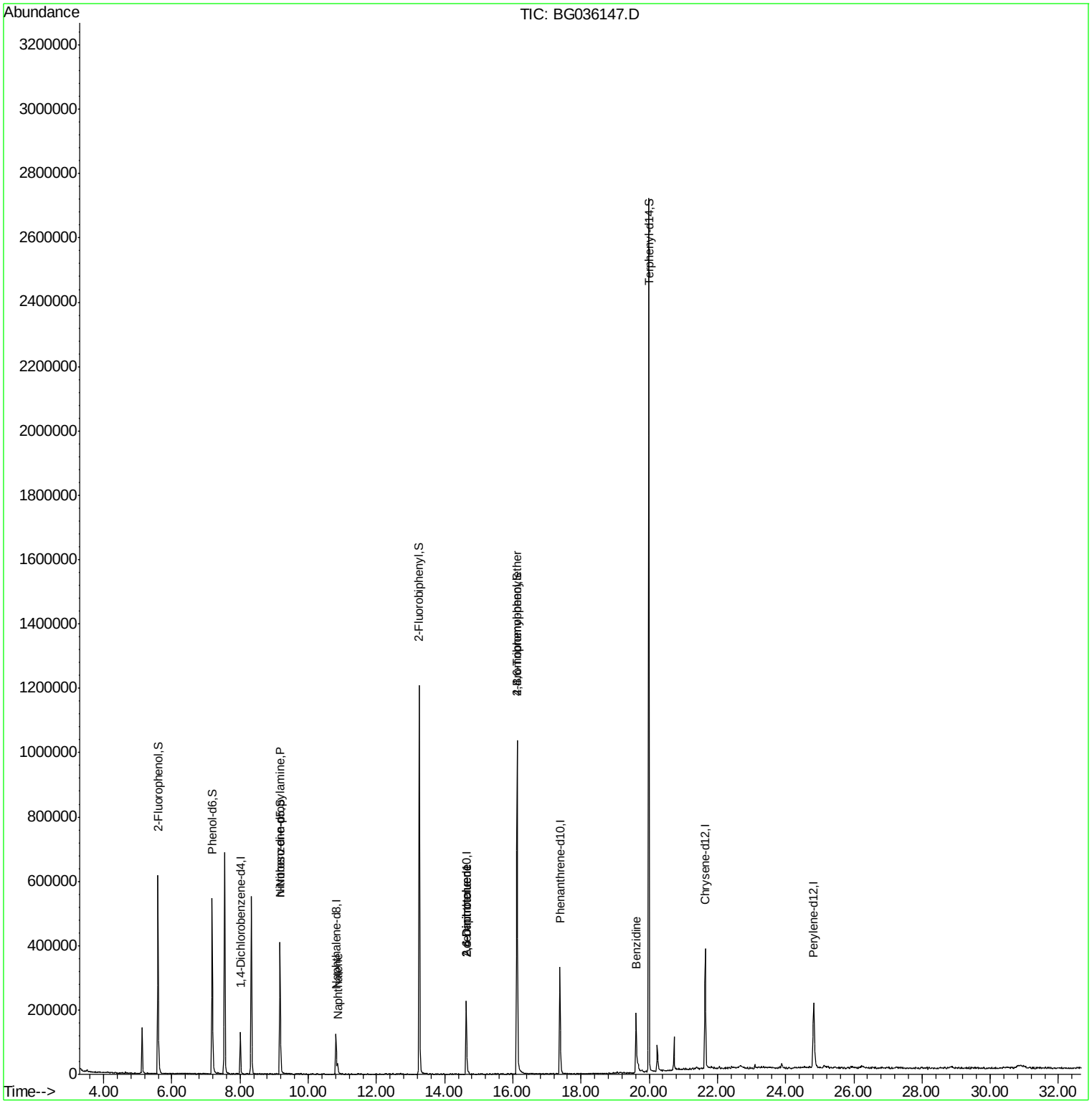
(#) = qualifier out of range (m) = manual integration (+) = signals summed

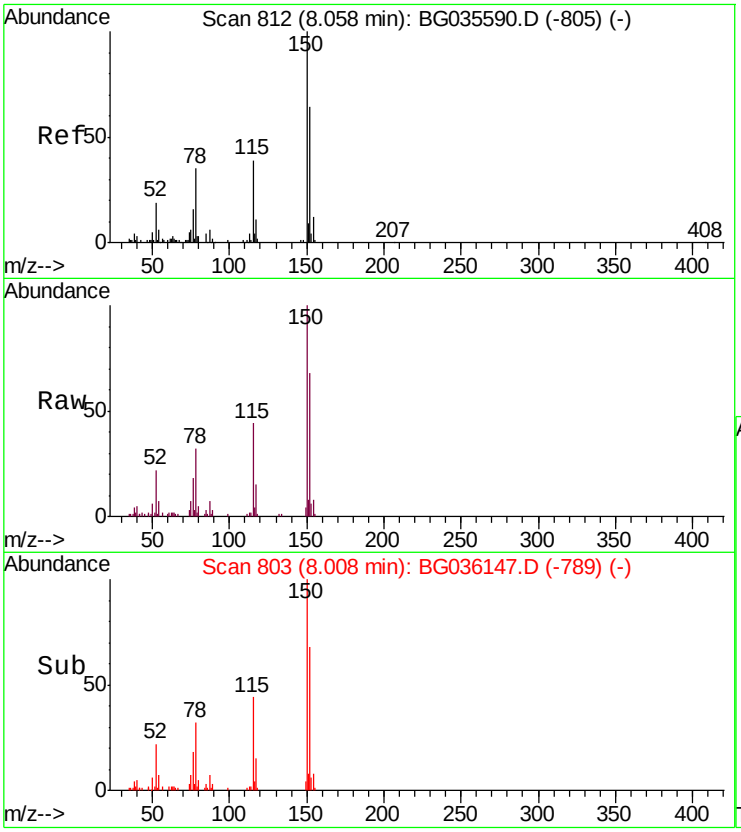
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080618\
Data File : BG036147.D
Acq On : 7 Aug 2018 4:38
Operator : JU/SJ
Sample : J4277-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-A

Quant Time: Aug 07 07:07:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration



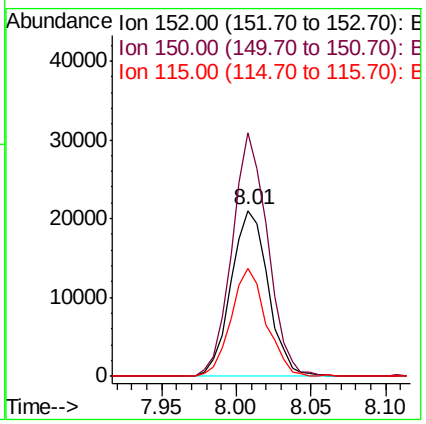


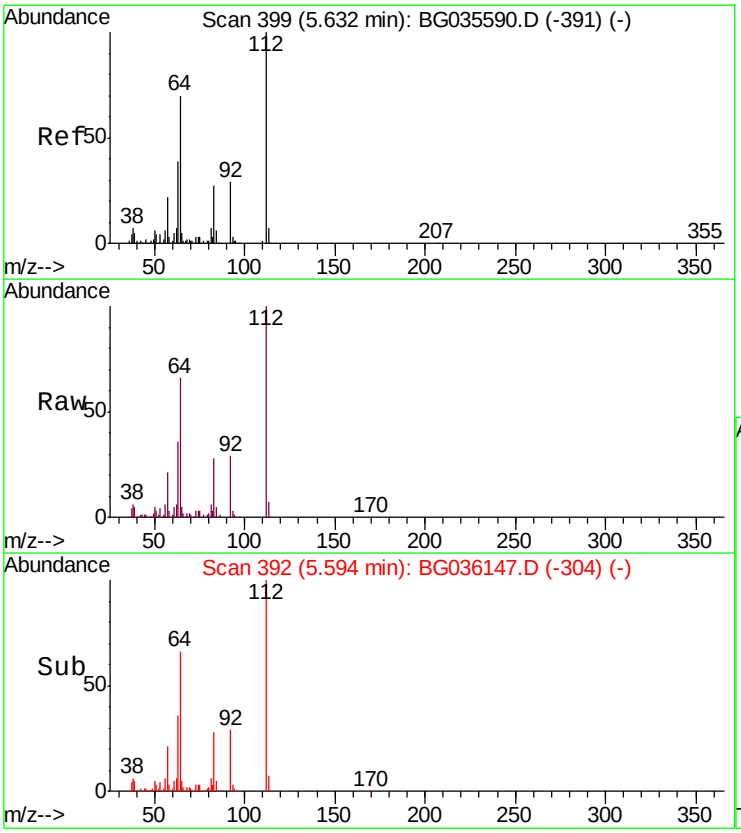
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-A

Tgt Ion:152 Resp: 36330

Ion	Ratio	Lower	Upper
152	100		
150	146.9	126.6	189.8
115	65.3	53.0	79.4

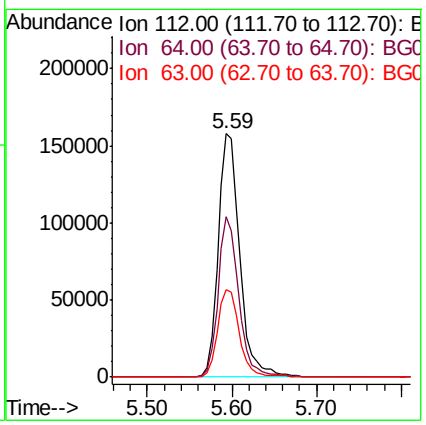


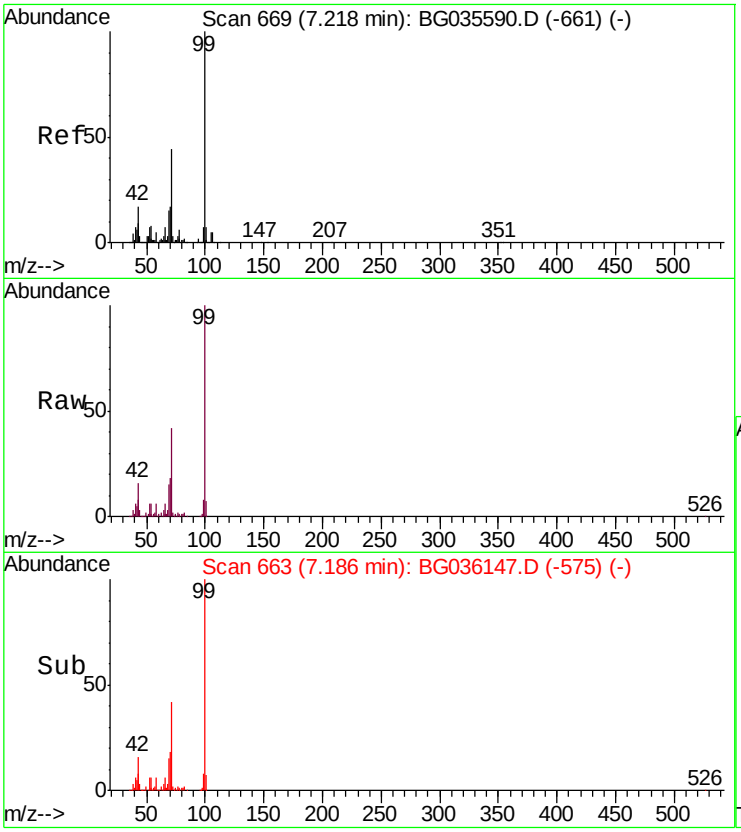


#5
2-Fluorophenol
Concen: 127.643 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Tgt Ion:112 Resp: 279314

Ion	Ratio	Lower	Upper
112	100		
64	66.0	56.3	84.5
63	36.0	30.1	45.1



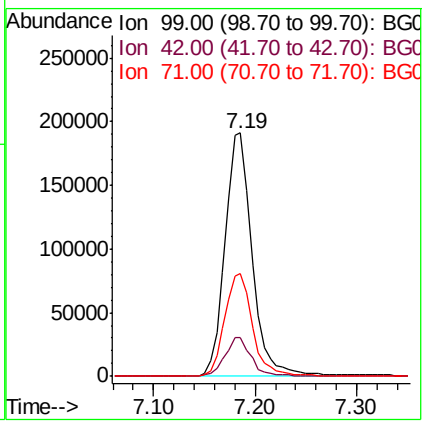


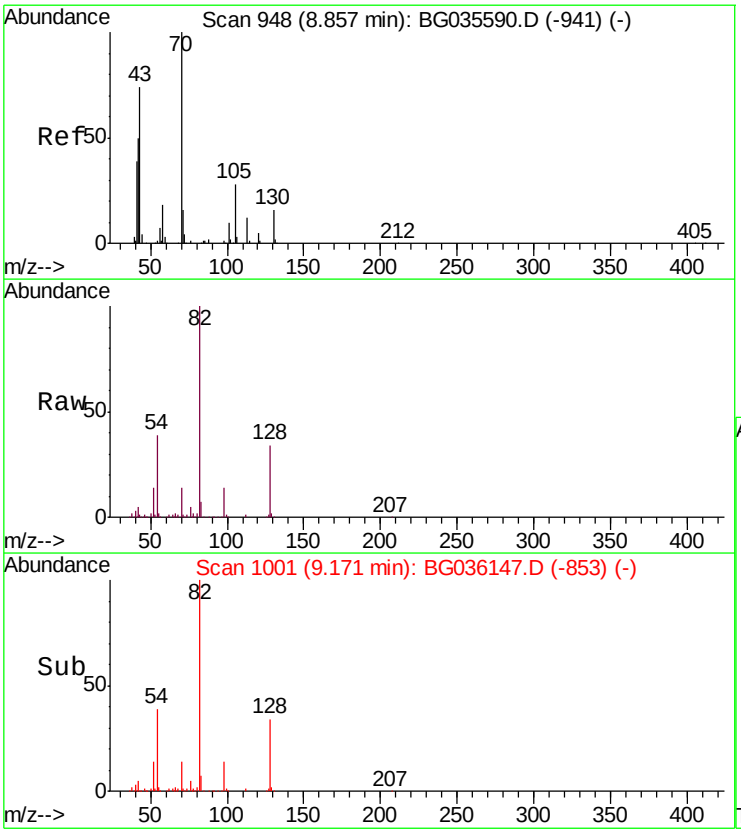
#7
Phenol-d6
Concen: 108.818 ng
RT: 7.19 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-A

Tgt Ion: 99 Resp: 355272

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.1	21.1
71	42.4	26.1	39.1#

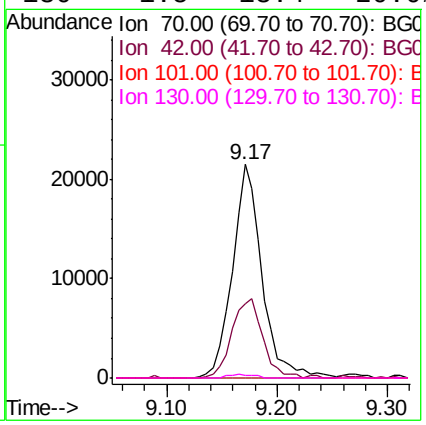


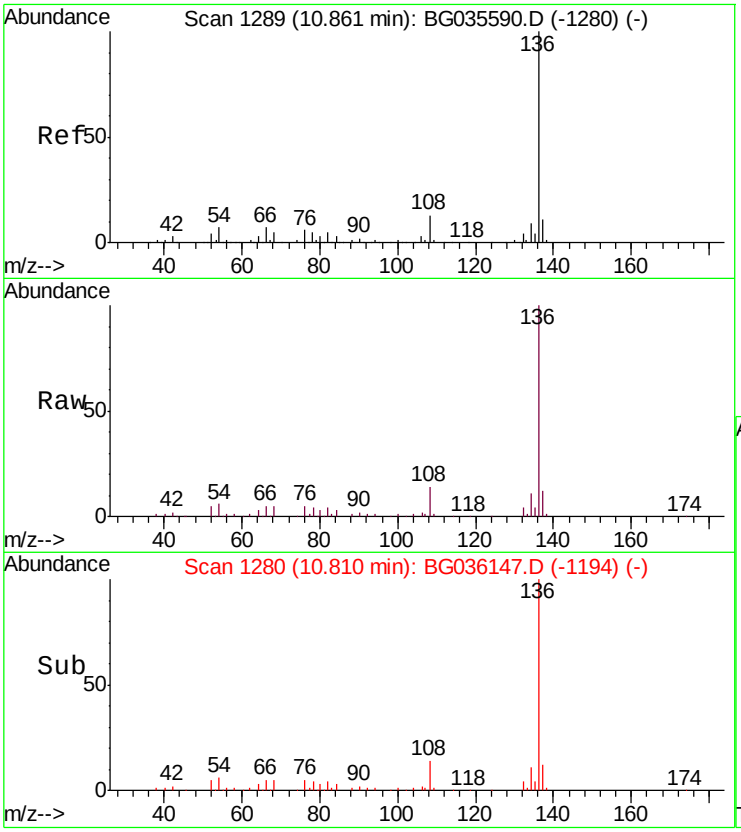


#19
n-Nitroso-di-n-propylamine
Concen: 14.652 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Tgt Ion: 70 Resp: 40283

Ion	Ratio	Lower	Upper
70	100		
42	35.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



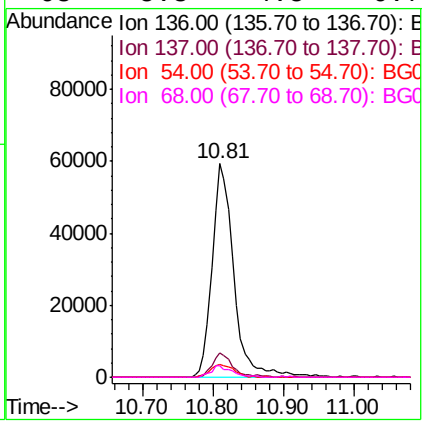


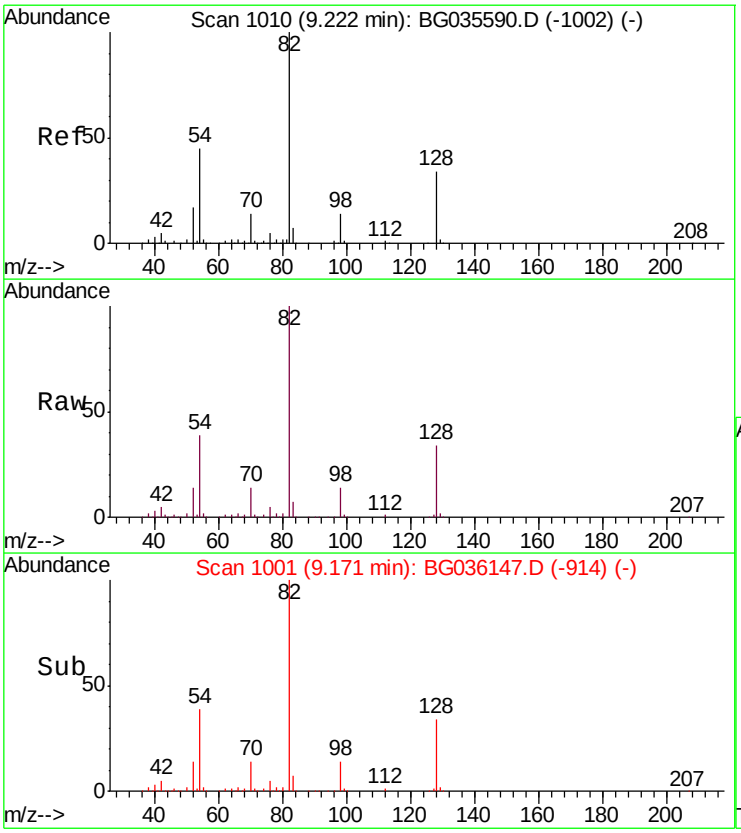
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-A

Tgt Ion:136 Resp: 127134

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	6.3	10.3	15.5#
68	5.3	4.5	6.7

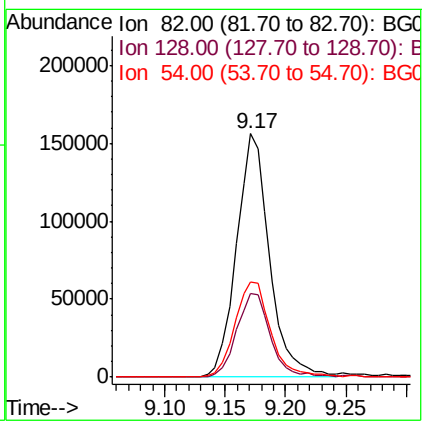


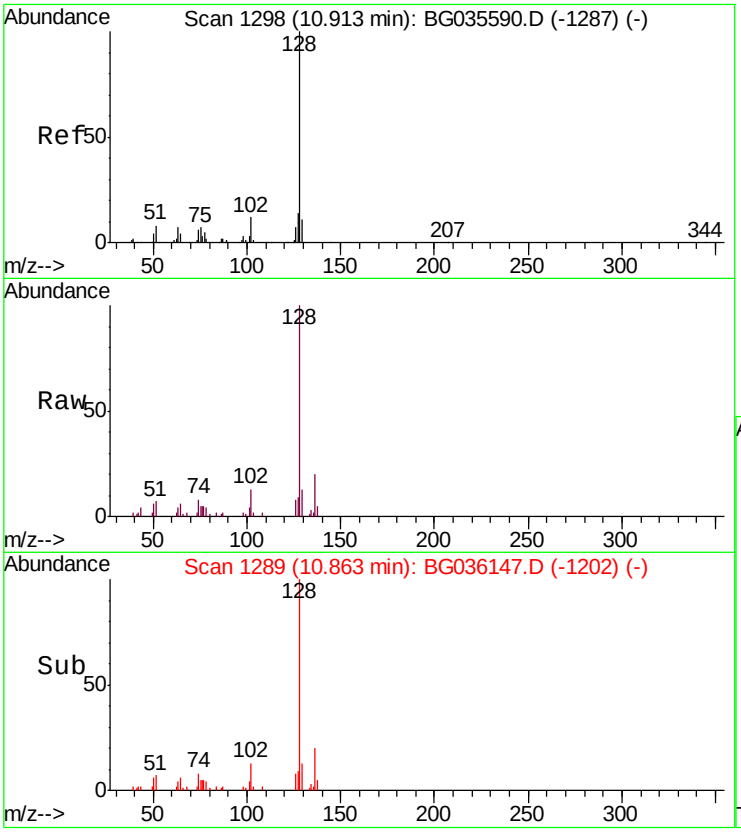


#23
Nitrobenzene-d5
Concen: 97.885 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Tgt Ion: 82 Resp: 297897

Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.7	44.5
54	39.2	43.1	64.7#



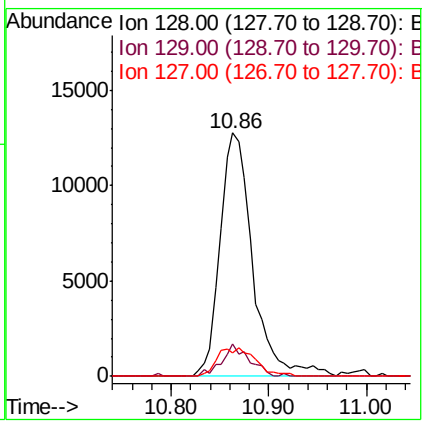


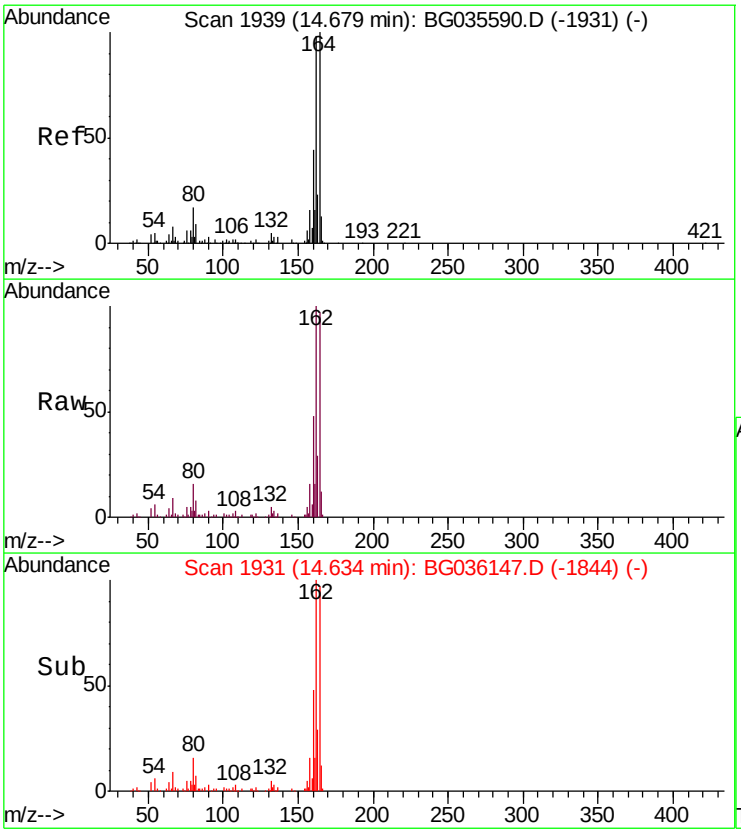
#31
Naphthalene
Concen: 4.464 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-A

Tgt Ion:128 Resp: 29564

Ion	Ratio	Lower	Upper
128	100		
129	13.4	8.6	12.8#
127	9.4	11.6	17.4#

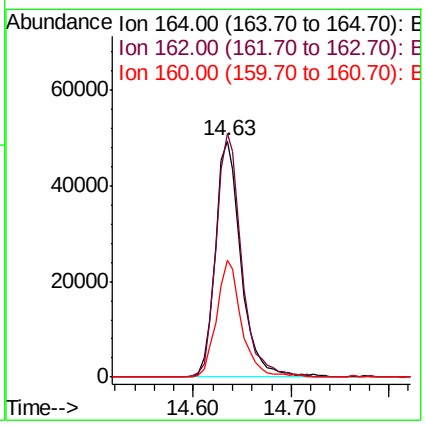


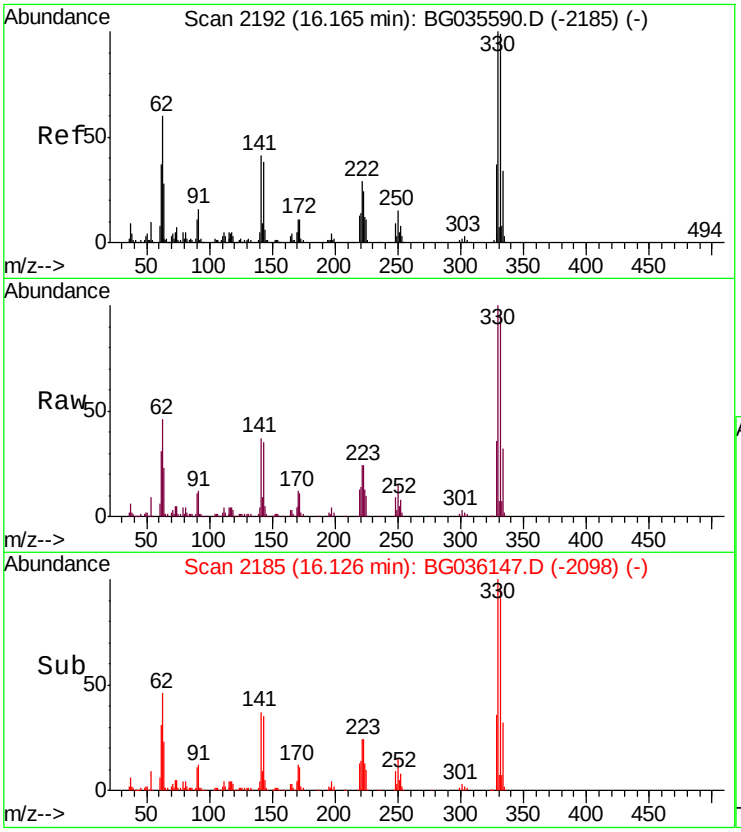


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Tgt Ion:164 Resp: 89868

Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.8	118.2
160	49.3	35.4	53.0



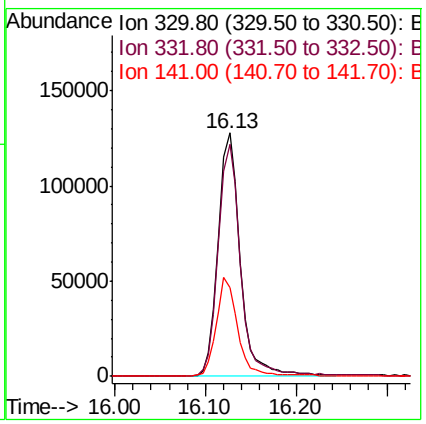


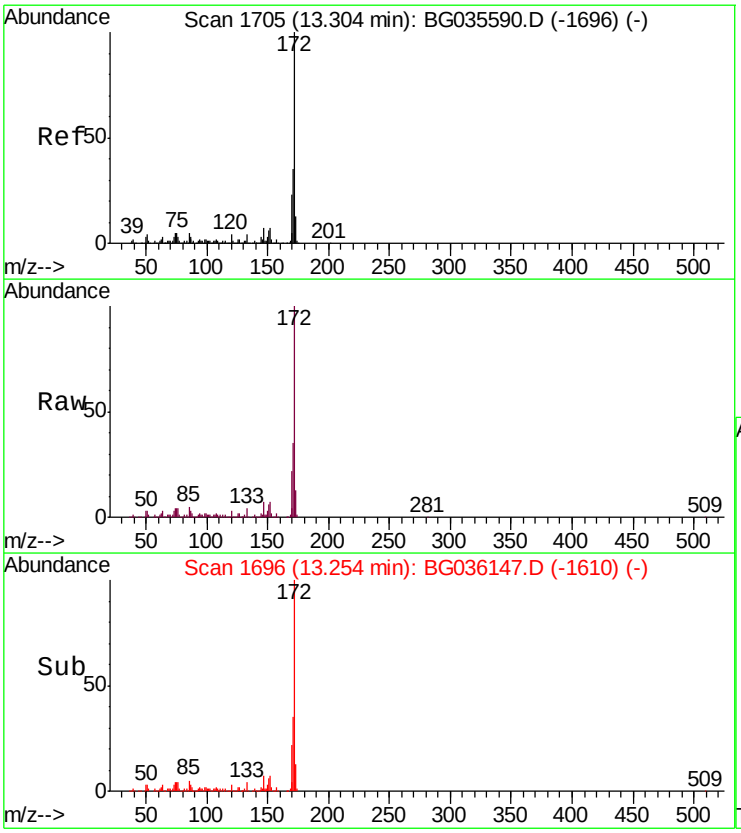
#41
2,4,6-Tribromophenol
Concen: 183.101 ng
RT: 16.13 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-A

Tgt Ion:330 Resp: 216887

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	39.3	25.2	37.8#

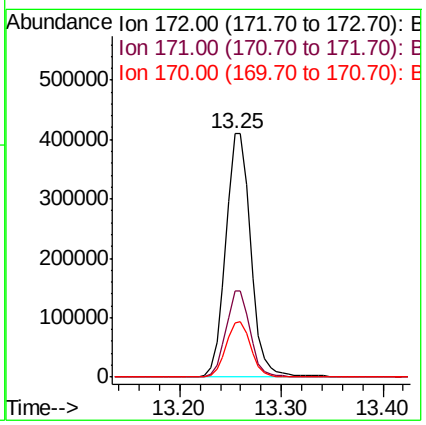


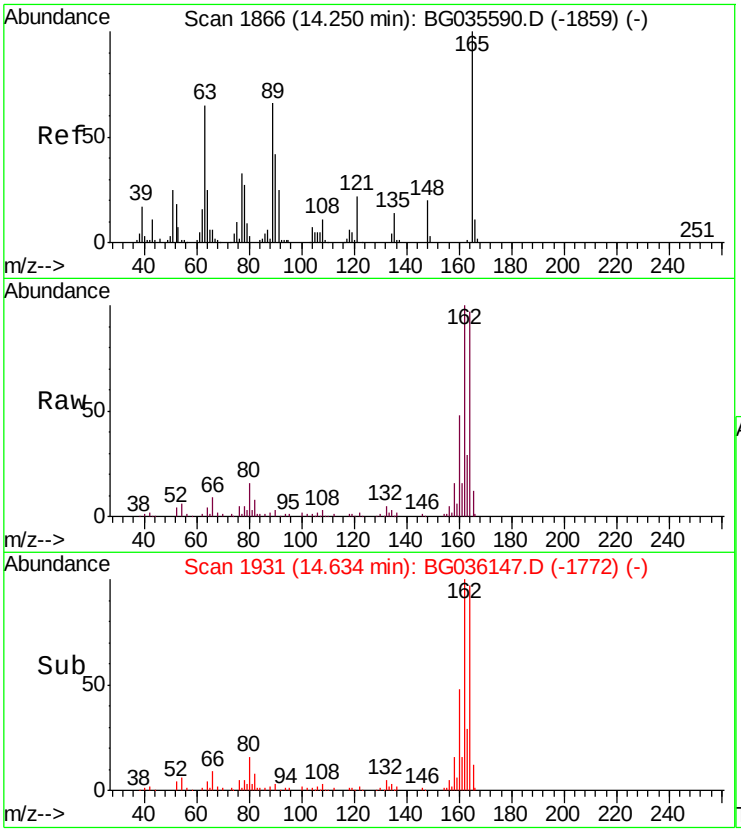


#44
2-Fluorobiphenyl
Concen: 104.599 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Tgt Ion:172 Resp: 701638

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	22.4	19.5	29.3



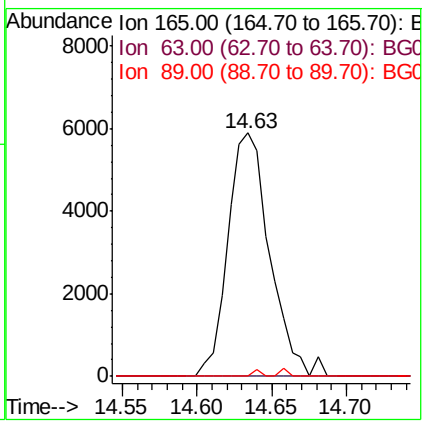


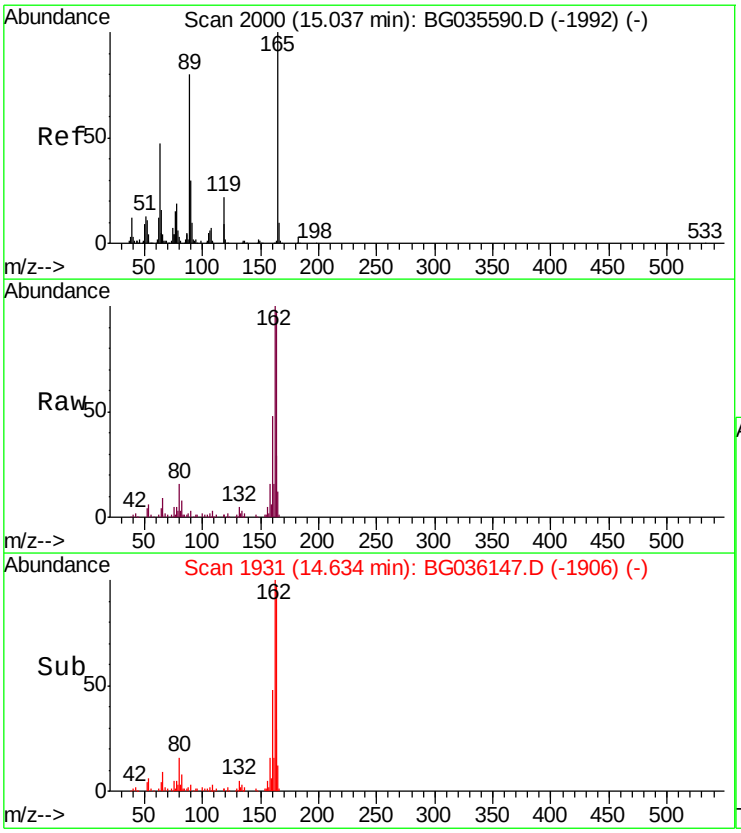
#50
2,6-Dinitrotoluene
Concen: 7.161 ng
RT: 14.63 min Scan# 1931
Delta R.T. 0.41 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-A

Tgt Ion:165 Resp: 11482

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

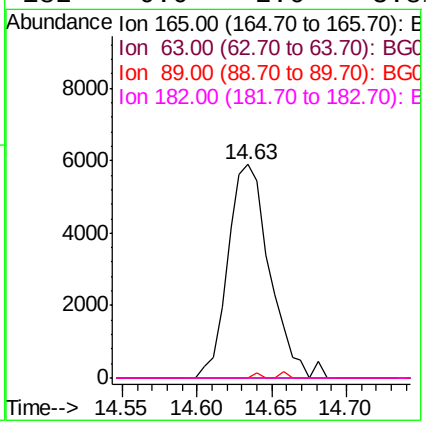


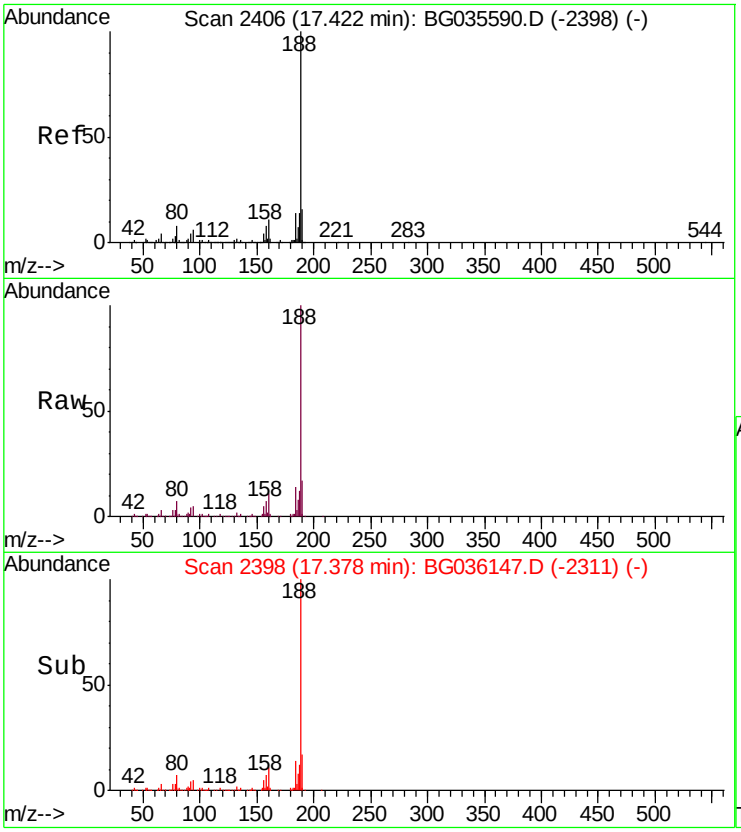


#56
2,4-Dinitrotoluene
Concen: 4.992 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.38 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Tgt Ion:165 Resp: 11482

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#



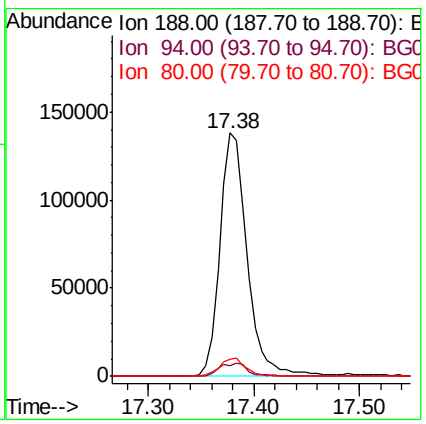


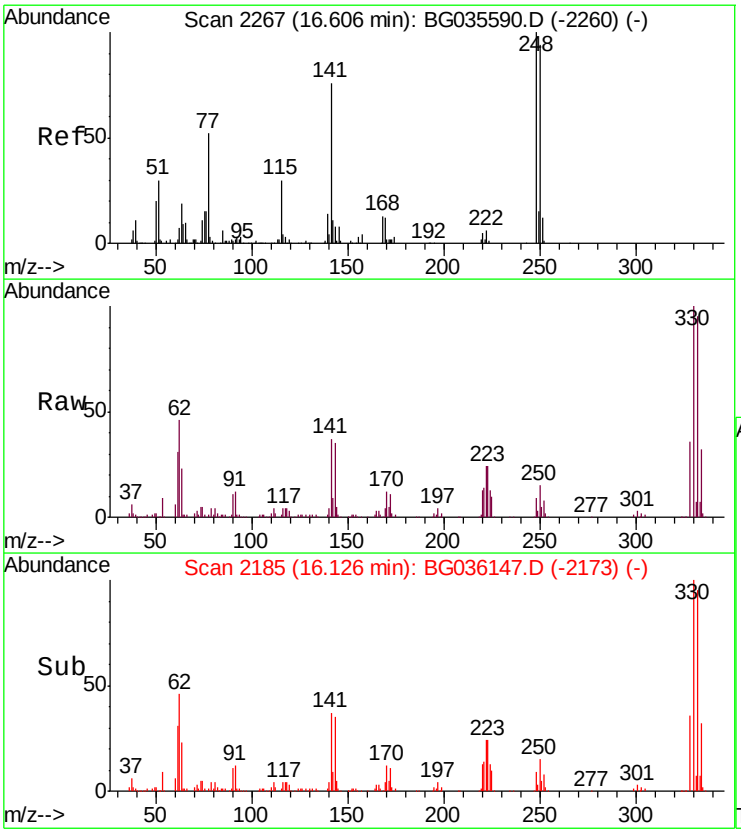
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-A

Tgt Ion:188 Resp: 247033

Ion	Ratio	Lower	Upper
188	100		
94	4.6	6.9	10.3#
80	6.9	7.7	11.5#

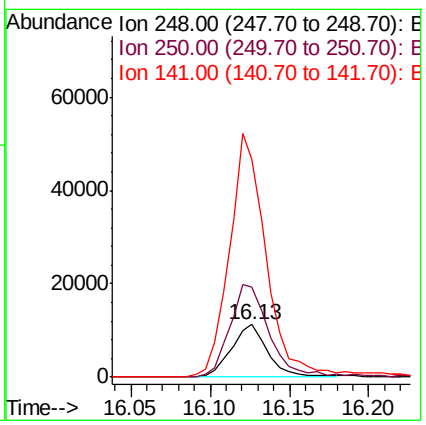


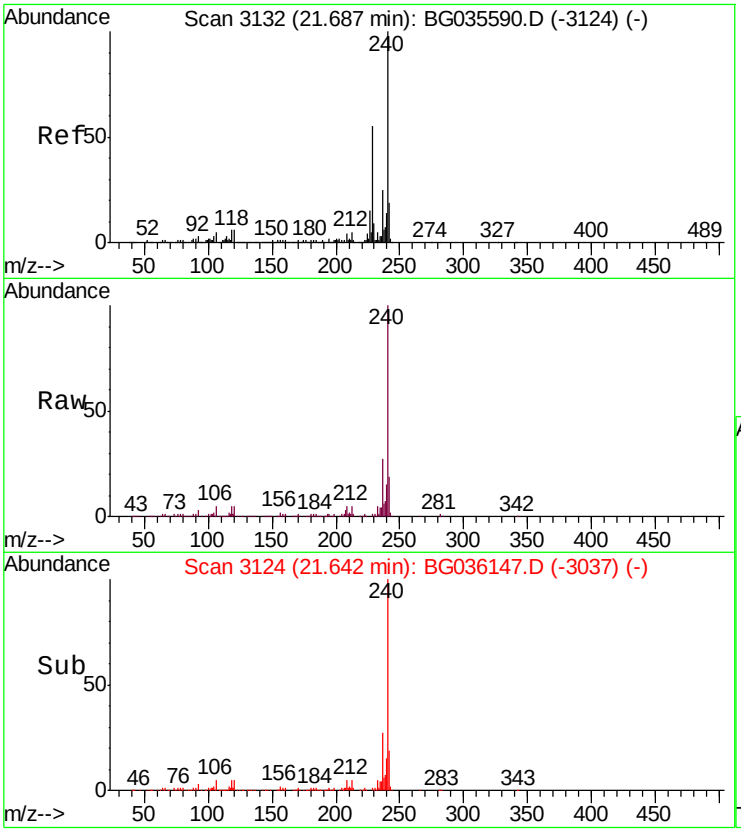


#66
4-Bromophenyl-phenylether
Concen: 6.248 ng
RT: 16.13 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Tgt Ion:248 Resp: 17908

Ion	Ratio	Lower	Upper
248	100		
250	171.0	77.1	115.7#
141	415.8	50.8	76.2#



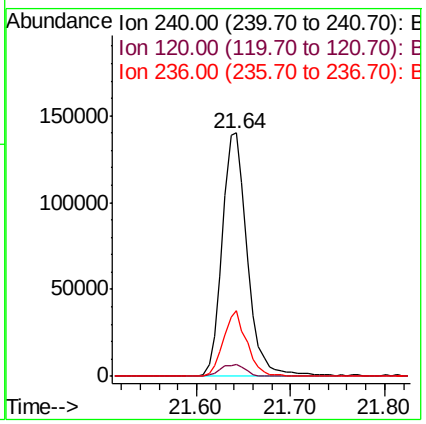


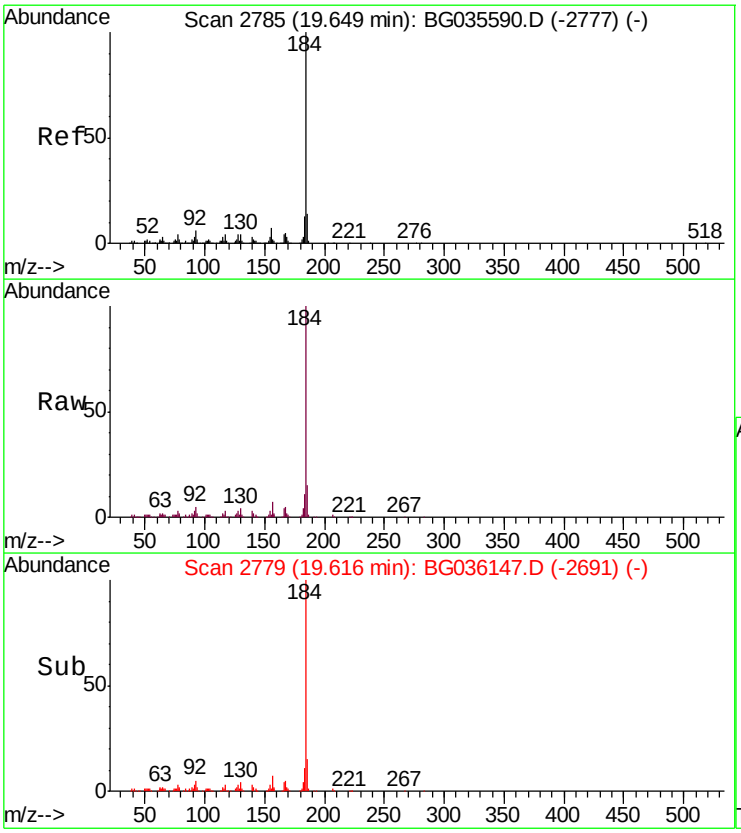
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-A

Tgt Ion:240 Resp: 260367

Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	27.2	20.9	31.3

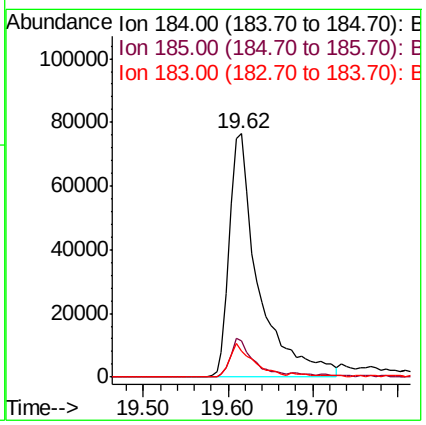


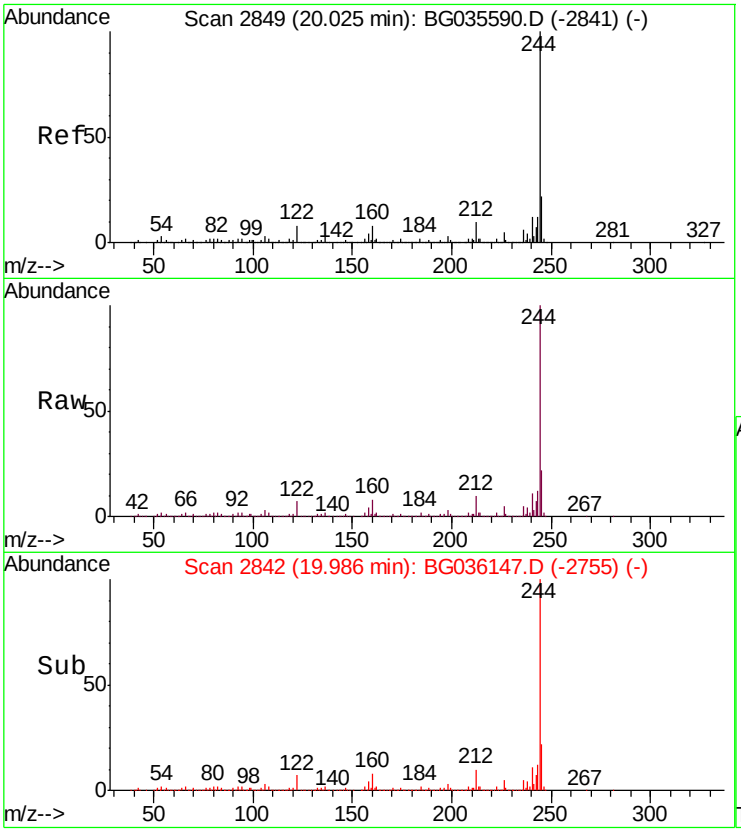


#76
Benzidine
Concen: 26.454 ng
RT: 19.62 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Tgt Ion:184 Resp: 181080

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.1	16.7
183	10.9	10.6	16.0



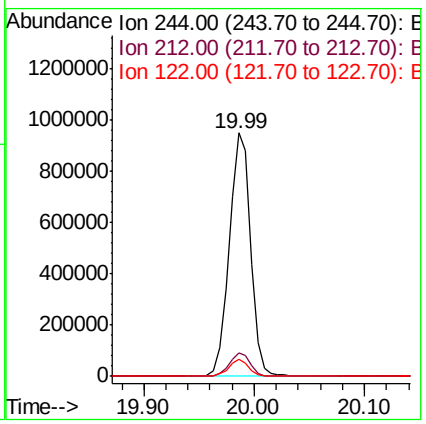


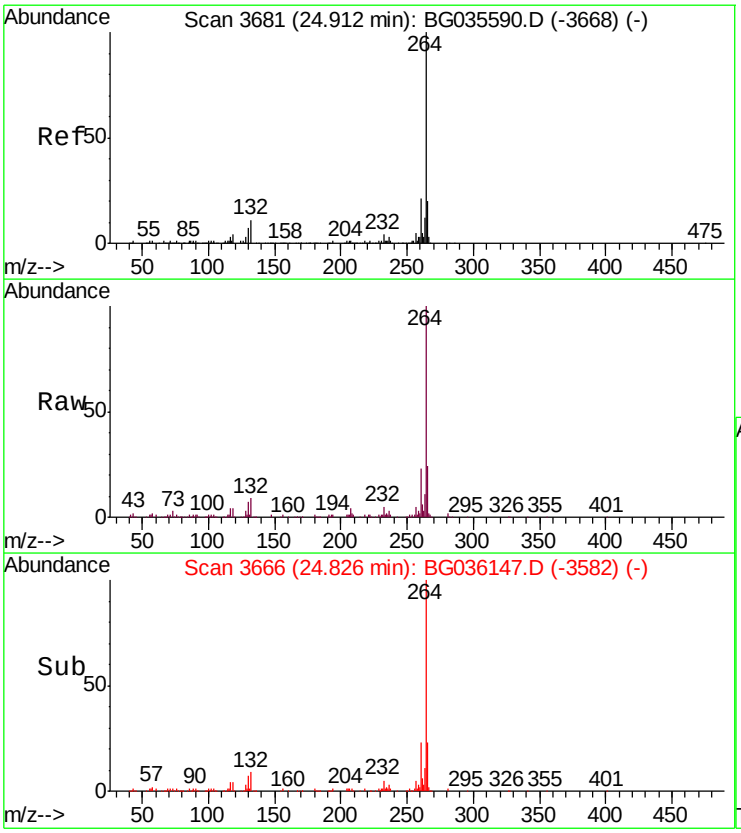
#78
Terphenyl-d14
Concen: 109.027 ng
RT: 19.99 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-A

Tgt Ion:244 Resp: 1287799

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	7.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3666
Delta R.T. -0.03 min
Lab File: BG036147.D
Acq: 7 Aug 2018 4:38

Tgt Ion:264 Resp: 246475

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	23.6	17.7	26.5