Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 02 08:23:12 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	8.02	152	36871	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	135825	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	106752	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	276149	20.00	ng	0.00
75) Chrysene-d12	21.65	240	313793	20.00	ng	0.00
86) Perylene-d12	24.85	264	306074	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	142460	64.15	ng	0.00
7) Phenol-d6	7.19	99	129485	39.08	ng	0.00
23) Nitrobenzene-d5	9.18	82	303765	93.43	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	218307	155.15	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	699574	87.80	ng	0.00
78) Terphenyl-d14	20.00	244	1332717	93.62	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.13	117	21203	20.010	ng	# 1
19) n-Nitroso-di-n-propylamine	9.19	70	41241	14.781	ng	# 67
22) Acetophenone	8.71	105	11586	2.743	ng	# 65
37) 2-Methylnaphthalene	12.69	142	31332	5.944	ng	86
49) Dimethylphthalate	14.09	163	67093	7.173	ng	98
51) Acenaphthene	14.71	154	18950	2.821	ng	93
53) 2,4-Dinitrophenol	14.39	184	60	6.638	ng	# 1
66) 4-Bromophenyl-phenylether	16.13	248	17751	5.541	ng	# 1
76) Benzidine	20.00	184	23916	2.899	ng	# 91

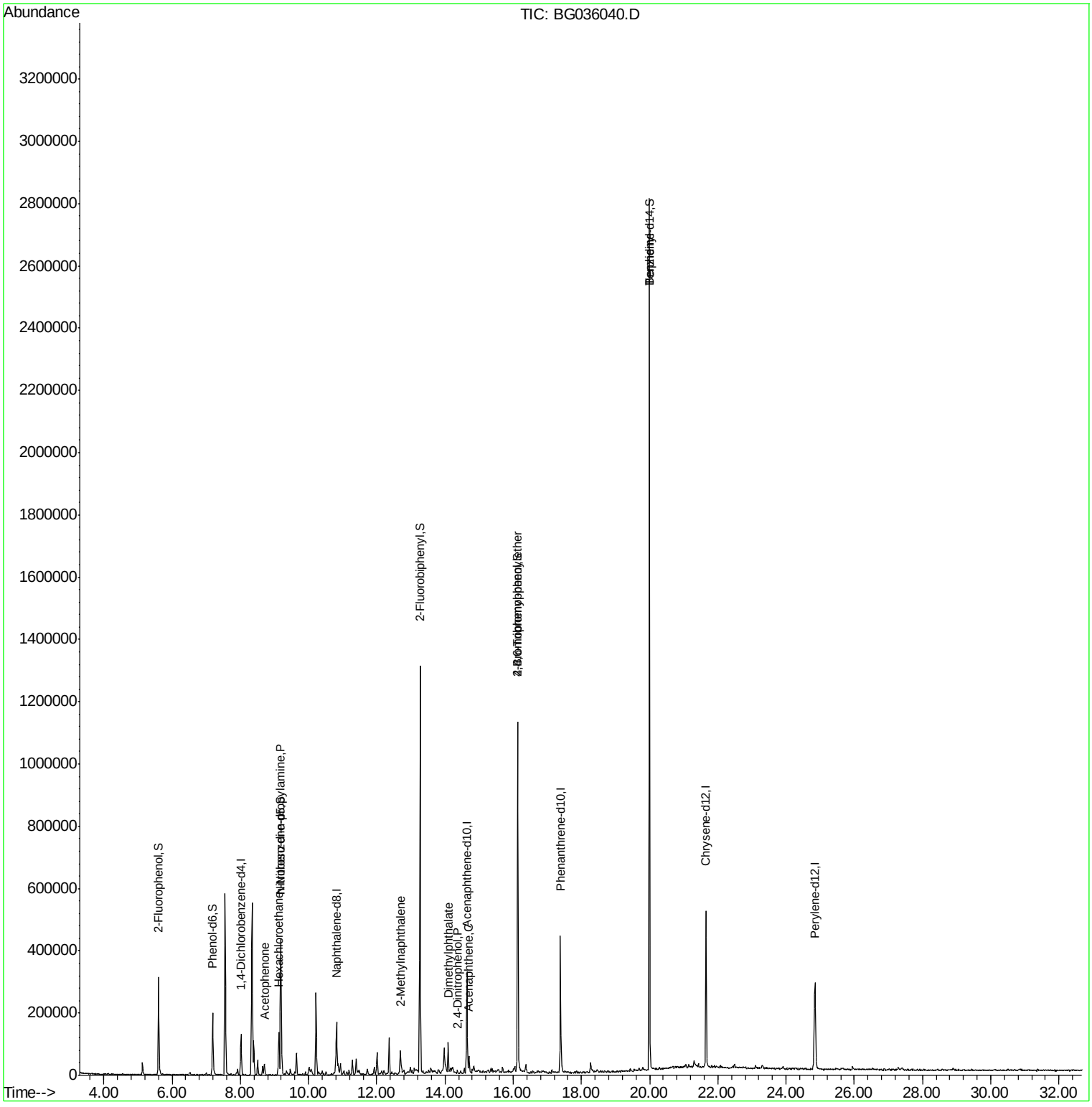
(#) = qualifier out of range (m) = manual integration (+) = signals summed

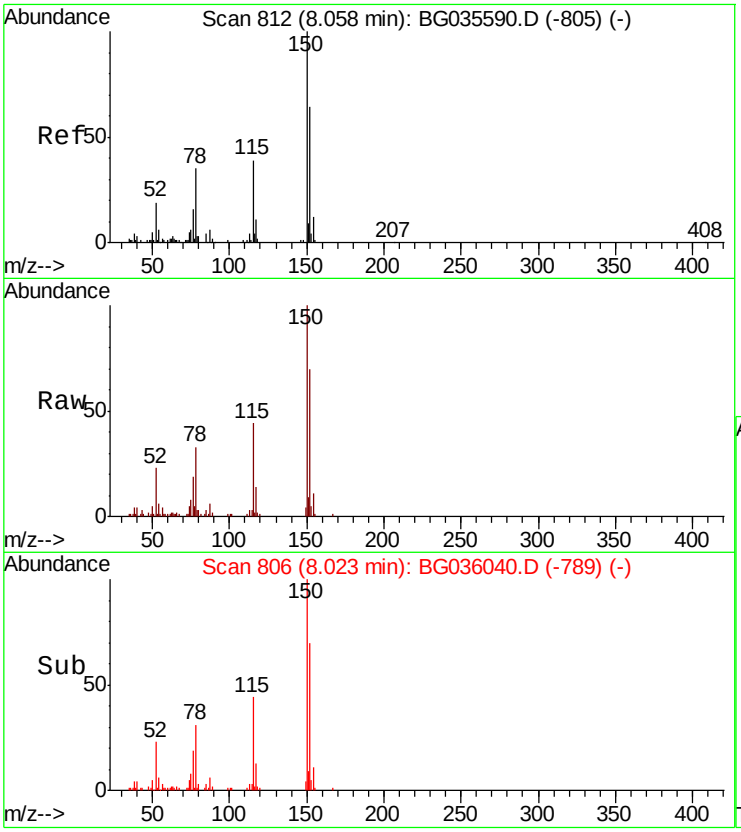
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 02 08:23:12 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



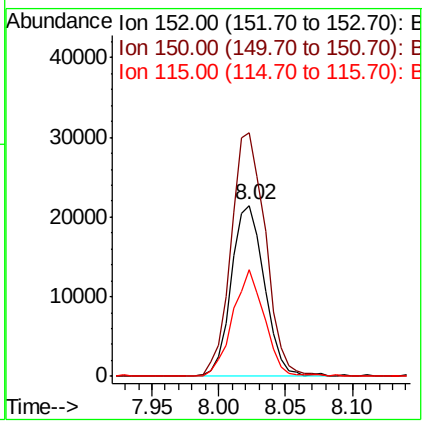


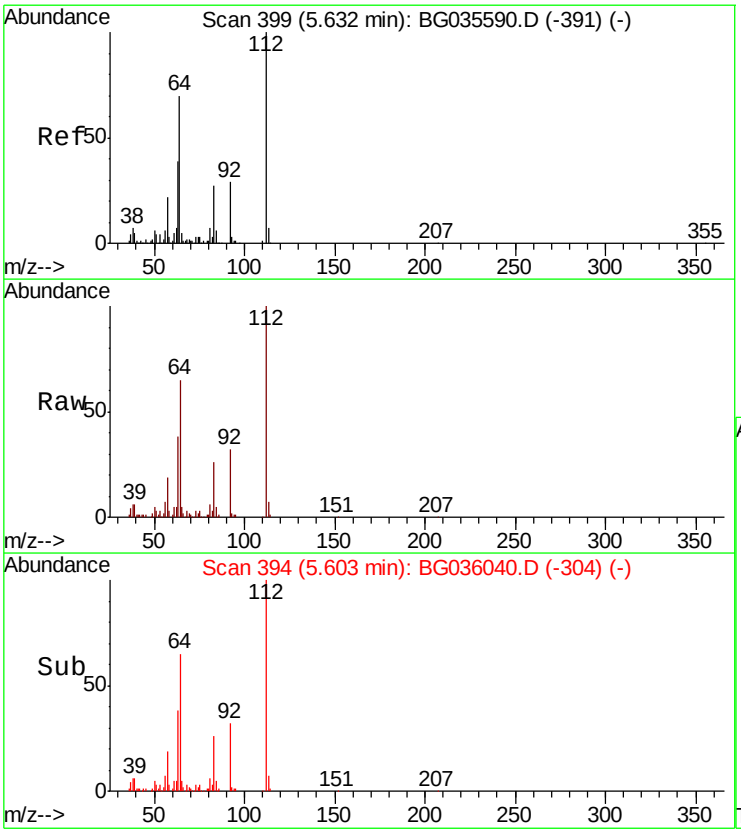
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 36871

Ion	Ratio	Lower	Upper
152	100		
150	142.2	126.6	189.8
115	62.2	53.0	79.4

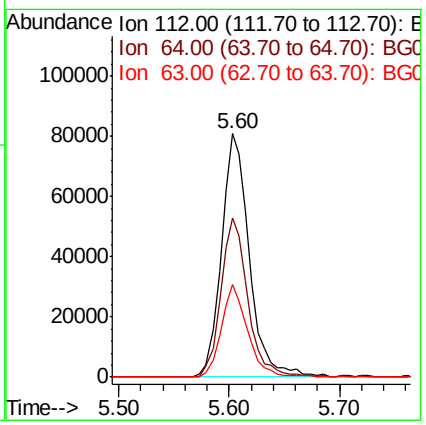


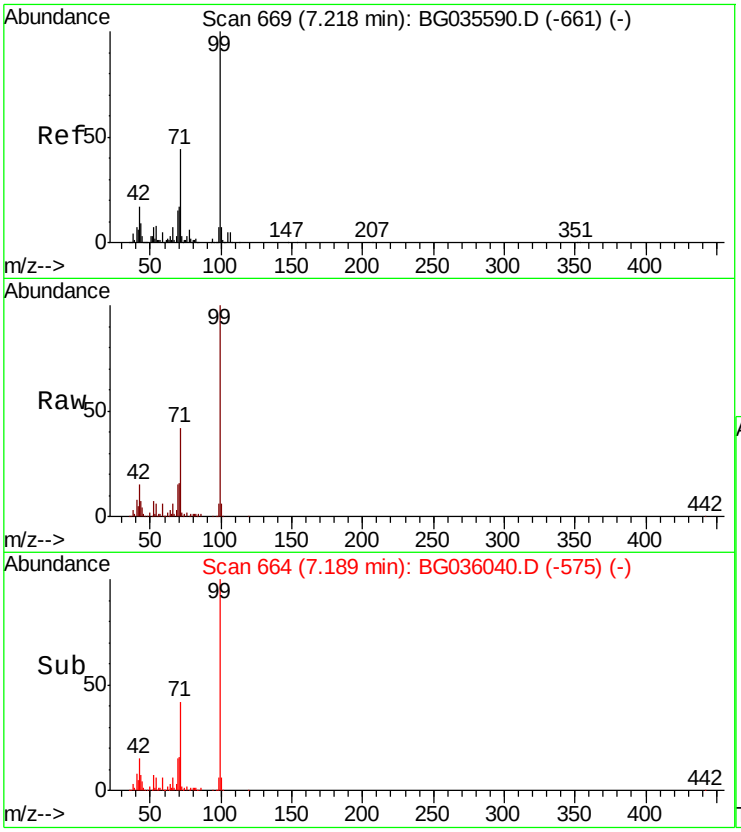


#5
2-Fluorophenol
Concen: 64.147 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Tgt Ion:112 Resp: 142460

Ion	Ratio	Lower	Upper
112	100		
64	65.1	56.3	84.5
63	37.9	30.1	45.1



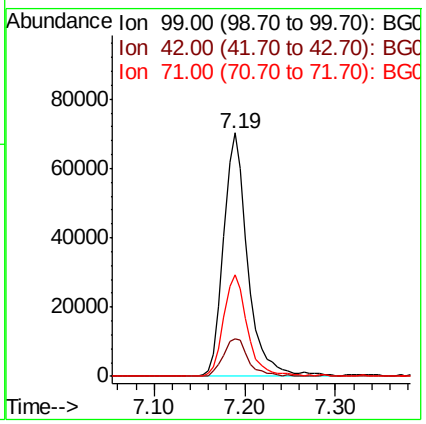


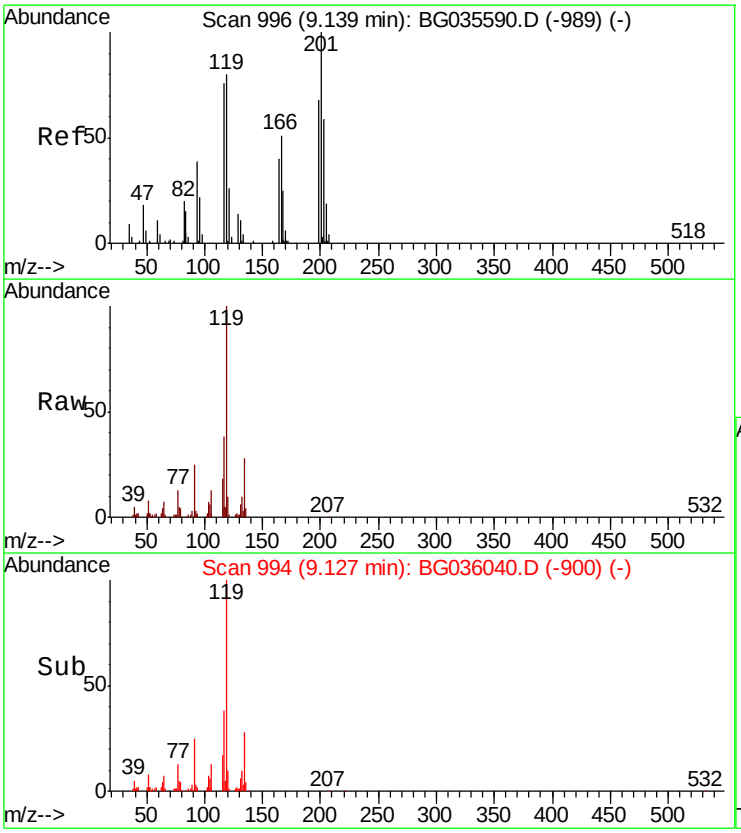
#7
Phenol-d6
Concen: 39.079 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 129485

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.1	21.1
71	41.7	26.1	39.1#

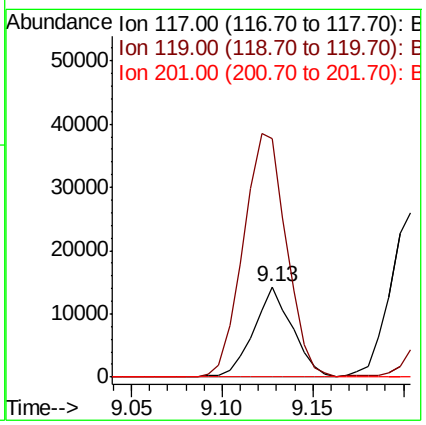


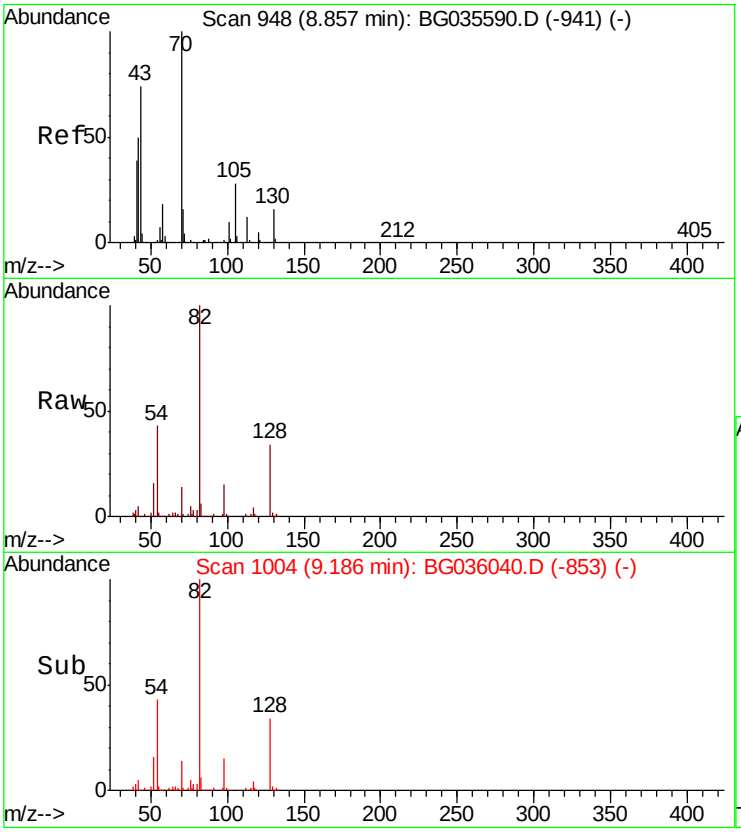


#18
Hexachloroethane
Concen: 20.010 ng
RT: 9.13 min Scan# 994
Delta R.T. 0.02 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Tgt Ion:117 Resp: 21203

Ion	Ratio	Lower	Upper
117	100		
119	264.6	76.7	115.1#
201	0.0	95.7	143.5#



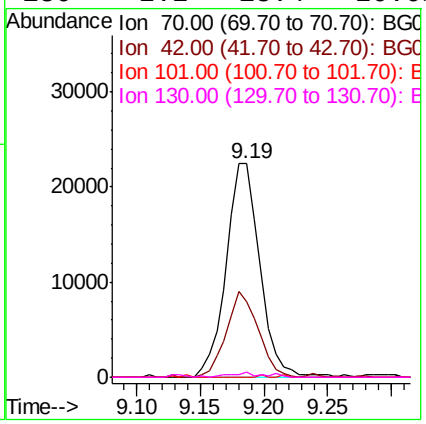


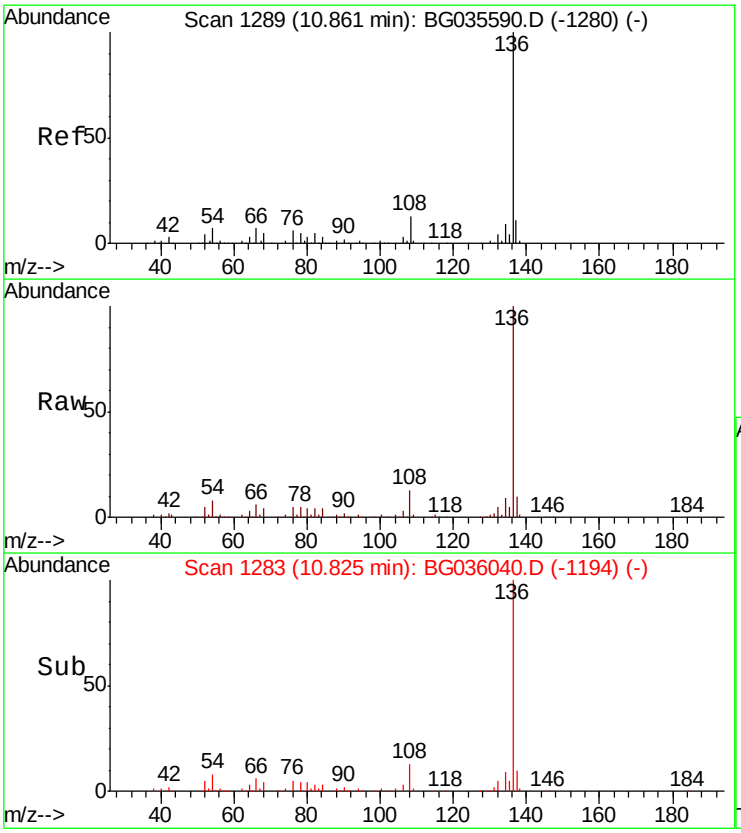
#19
n-Nitroso-di-n-propylamine
Concen: 14.781 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 41241

Ion	Ratio	Lower	Upper
70	100		
42	35.5	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#

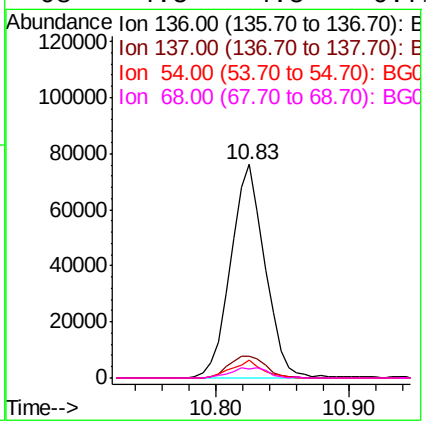


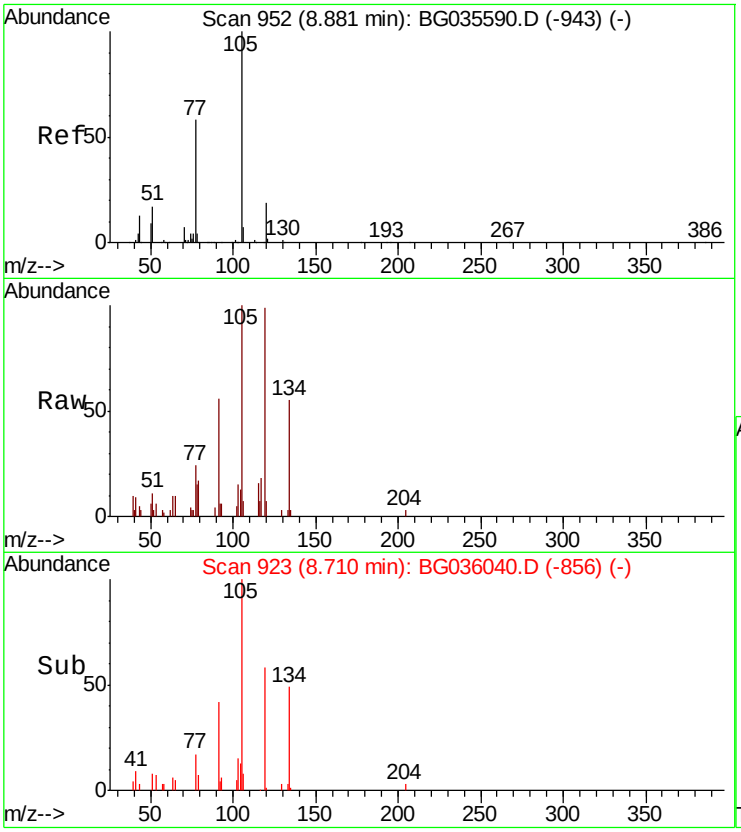


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Tgt Ion:136 Resp: 135825

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	8.2	10.3	15.5#
68	4.5	4.5	6.7#



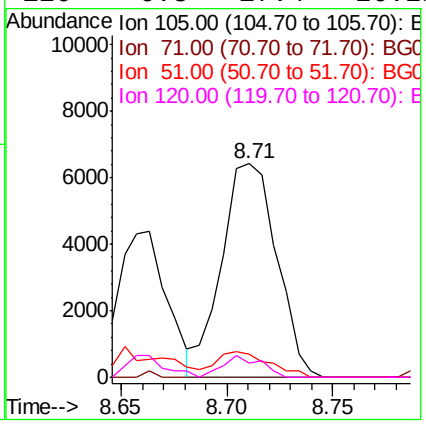


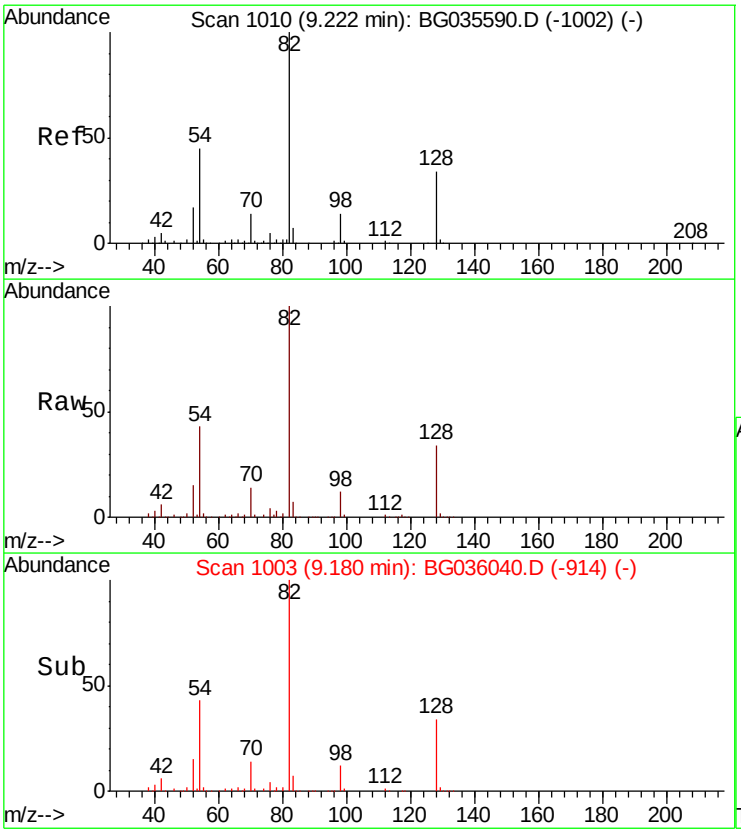
#22
Acetophenone
Concen: 2.743 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.14 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 11586

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	10.6	26.1	39.1#
120	6.8	17.4	26.2#

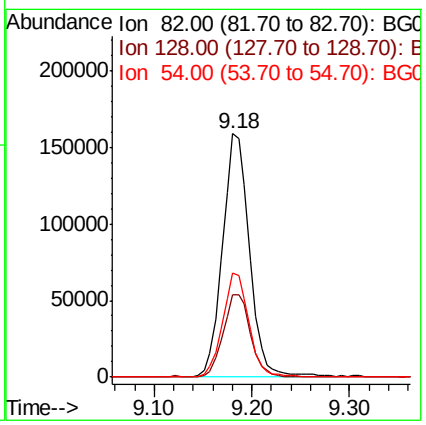


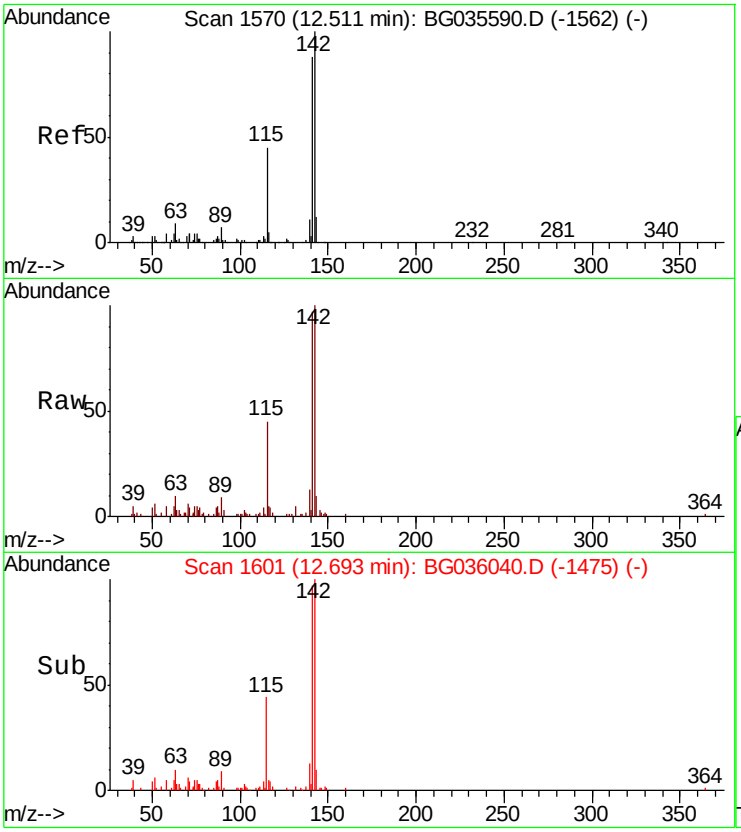


#23
Nitrobenzene-d5
Concen: 93.427 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Tgt Ion: 82 Resp: 303765

Ion	Ratio	Lower	Upper
82	100		
128	33.8	29.7	44.5
54	42.9	43.1	64.7#



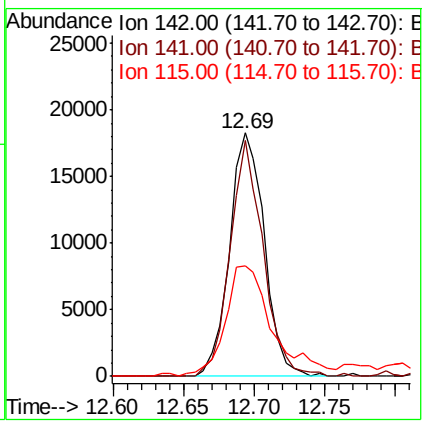


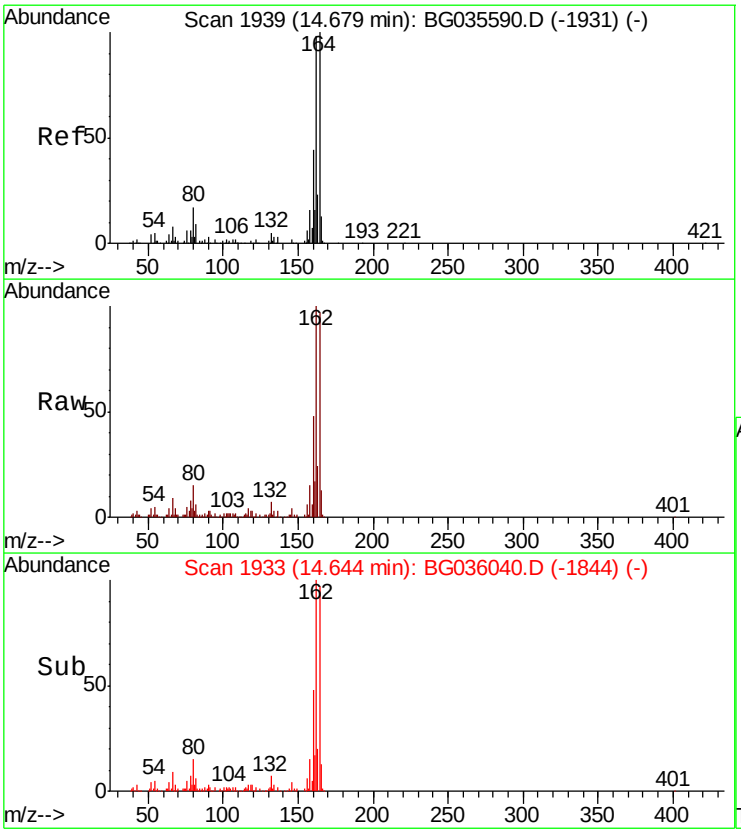
#37
2-Methylnaphthalene
Concen: 5.944 ng
RT: 12.69 min Scan# 1601
Delta R.T. 0.21 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 31332

Ion	Ratio	Lower	Upper
142	100		
141	97.1	67.1	100.7
115	45.2	30.7	46.1

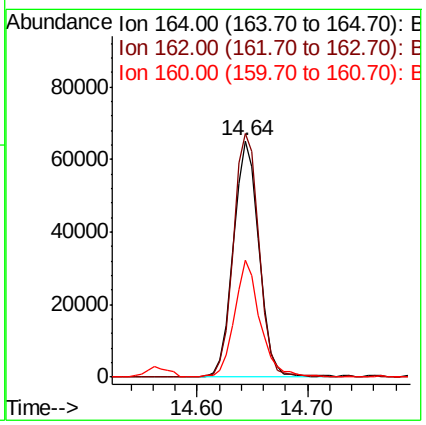


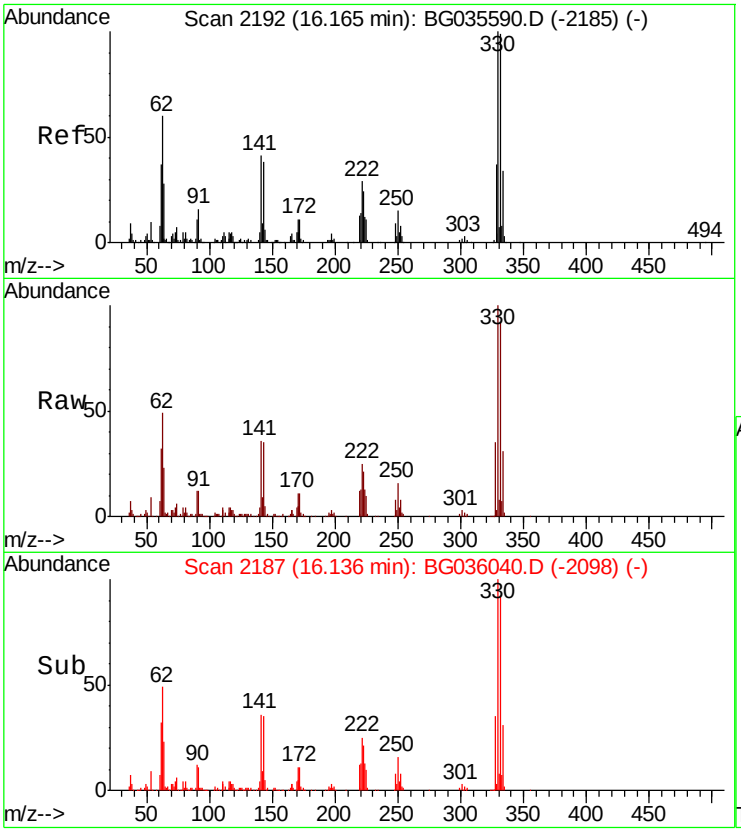


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Tgt Ion:164 Resp: 106752

Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	49.6	35.4	53.0



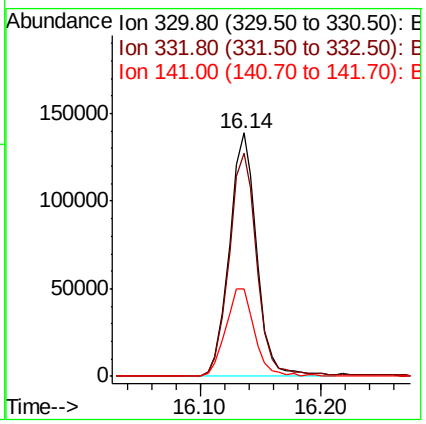


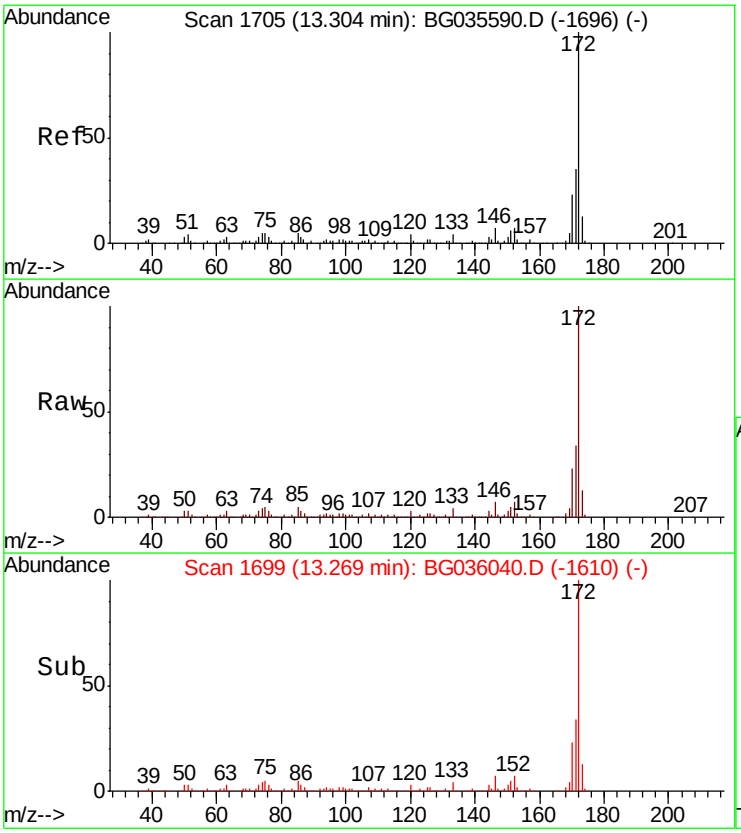
#41
2,4,6-Tribromophenol
Concen: 155.151 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 218307

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	38.7	25.2	37.8#

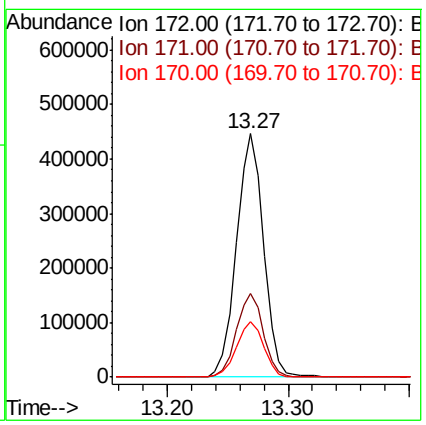


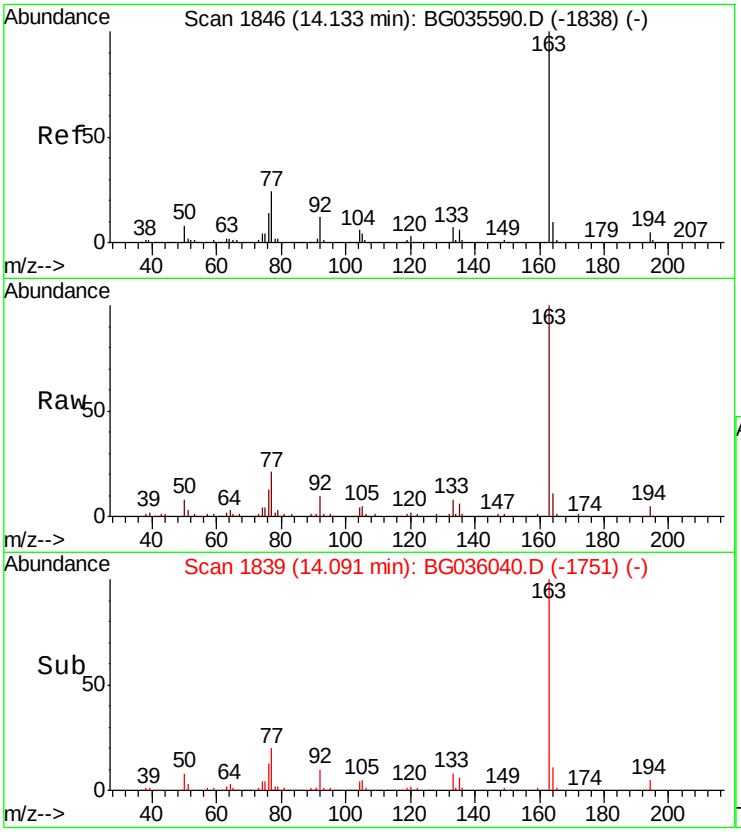


#44
2-Fluorobiphenyl
Concen: 87.797 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Tgt Ion:172 Resp: 699574

Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.9	19.5	29.3



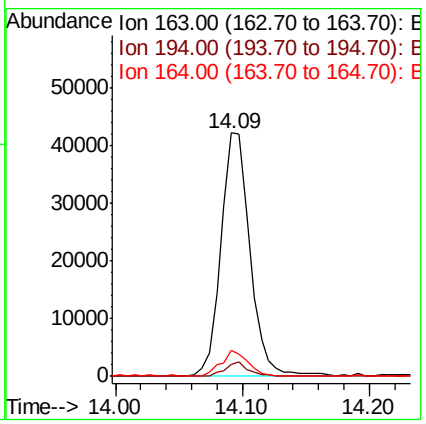


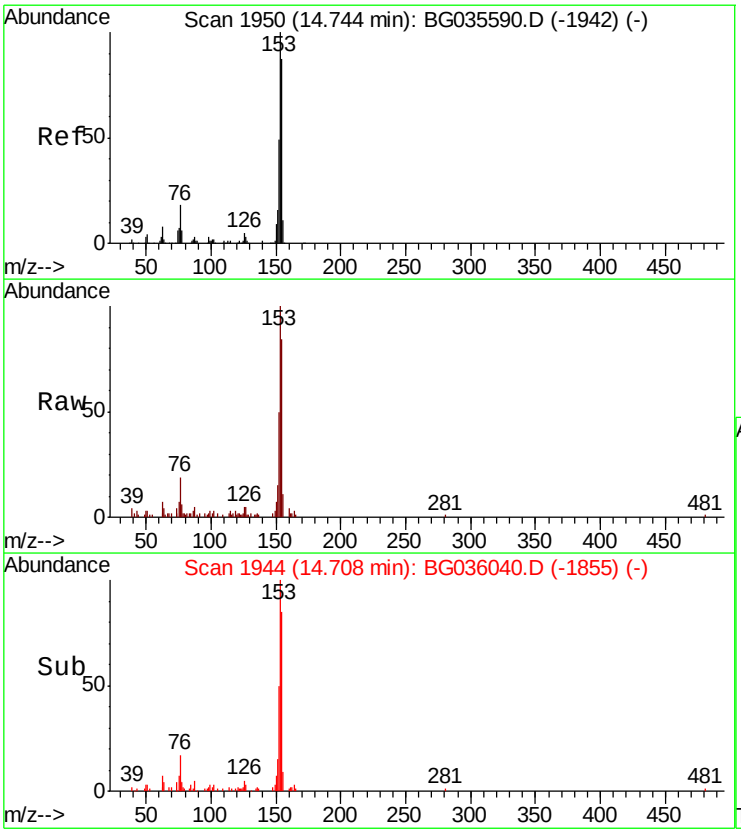
#49
Dimethylphthalate
Concen: 7.173 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 67093

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	10.8	8.2	12.4

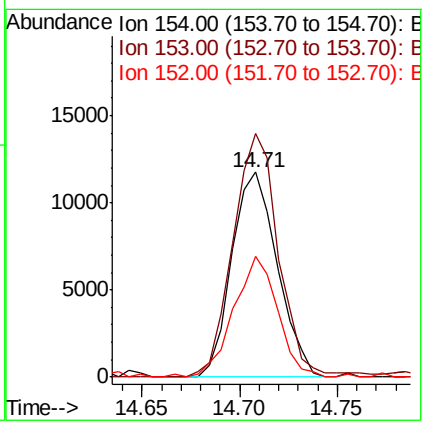


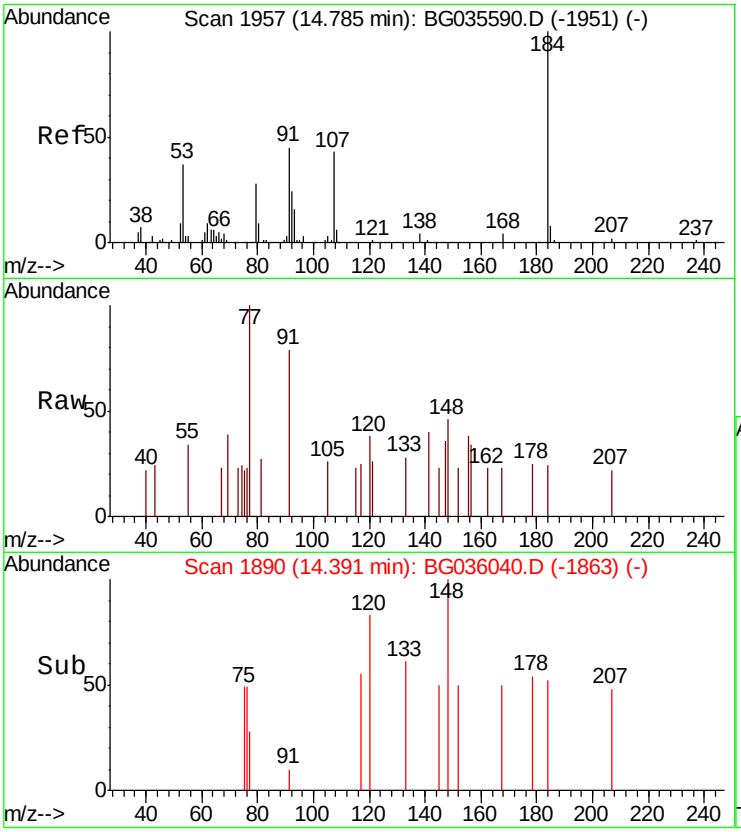


#51
Acenaphthene
Concen: 2.821 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Tgt Ion:154 Resp: 18950

Ion	Ratio	Lower	Upper
154	100		
153	119.0	90.4	135.6
152	59.1	41.6	62.4



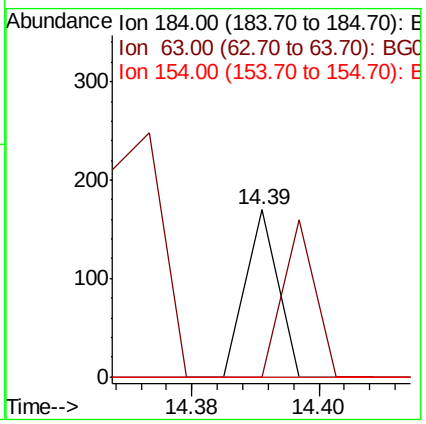


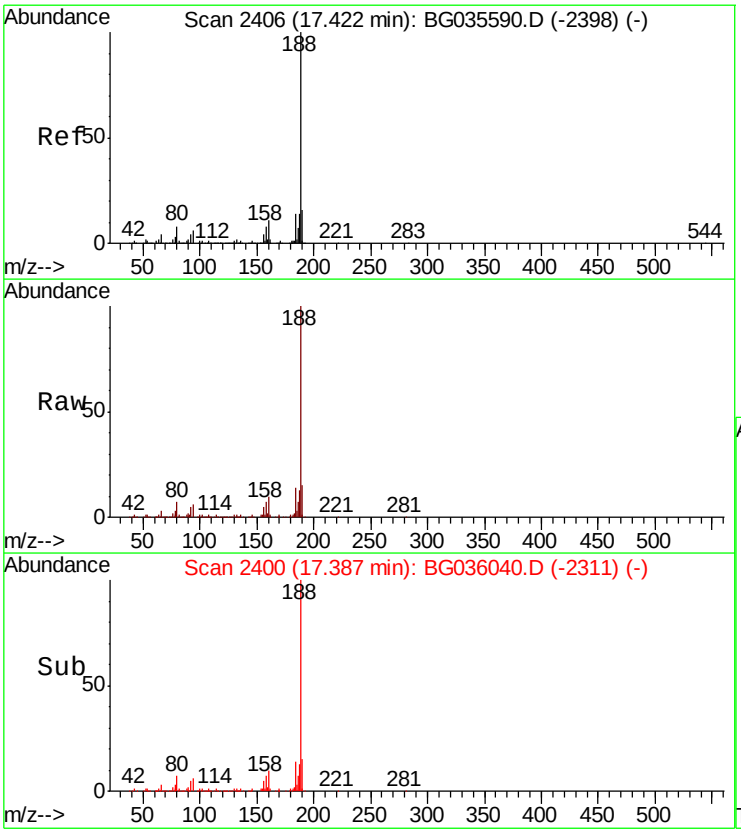
#53
2,4-Dinitrophenol
Concen: 6.638 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.37 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 60

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

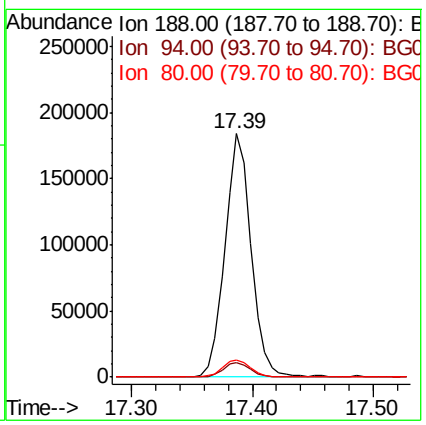


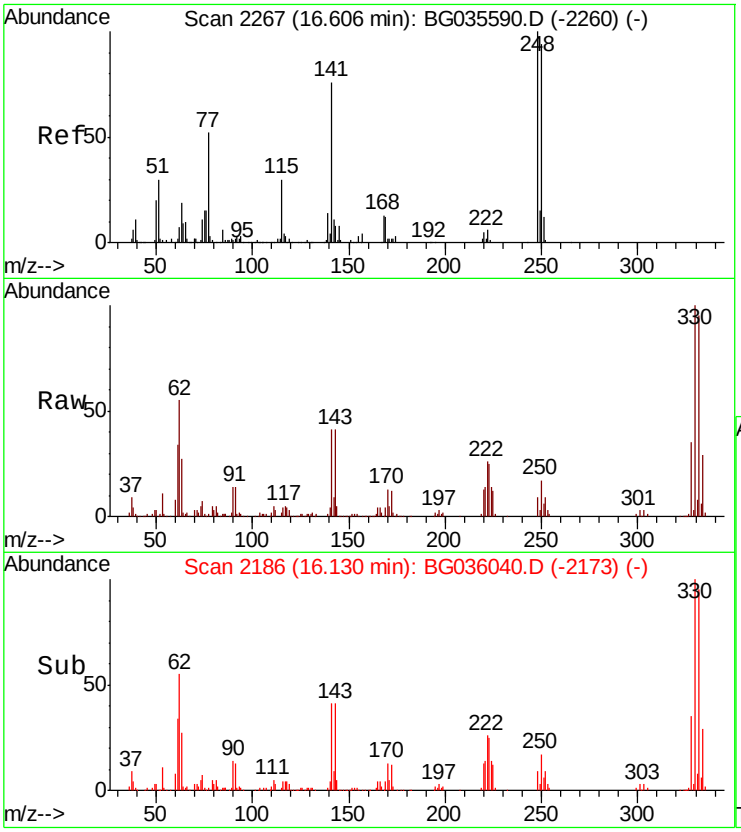


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Tgt Ion:188 Resp: 276149

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	6.8	7.7	11.5#



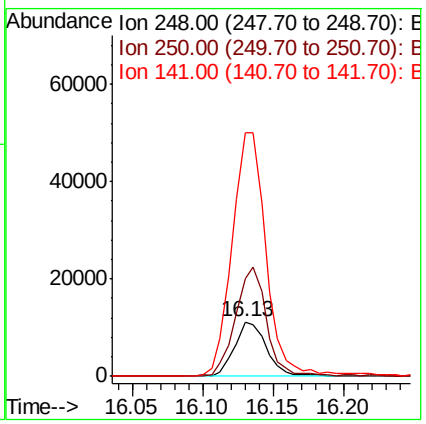


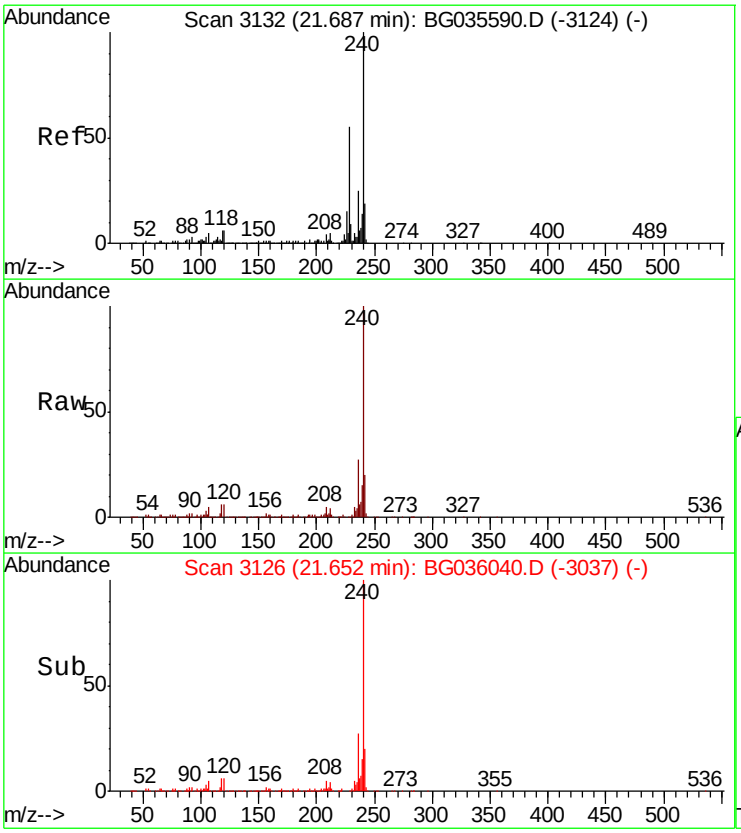
#66
4-Bromophenyl-phenylether
Concen: 5.541 ng
RT: 16.13 min Scan# 2186
Delta R.T. -0.45 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17751

Ion	Ratio	Lower	Upper
248	100		
250	178.1	77.1	115.7#
141	446.1	50.8	76.2#

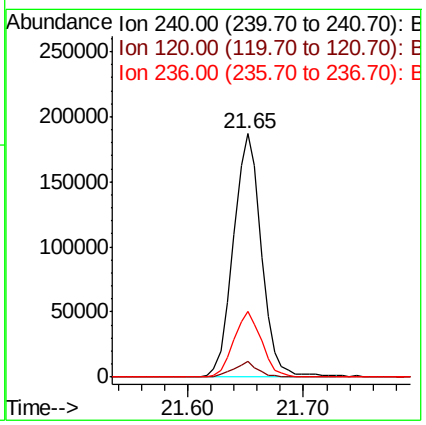


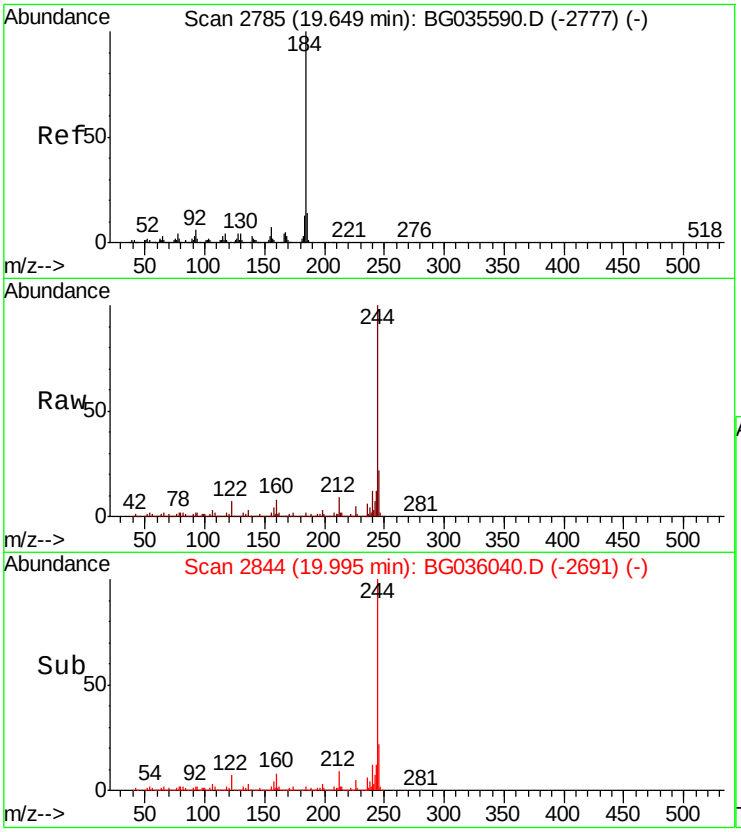


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Tgt Ion:240 Resp: 313793

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	27.2	20.9	31.3



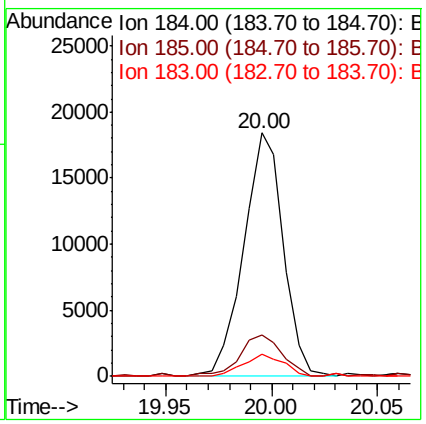


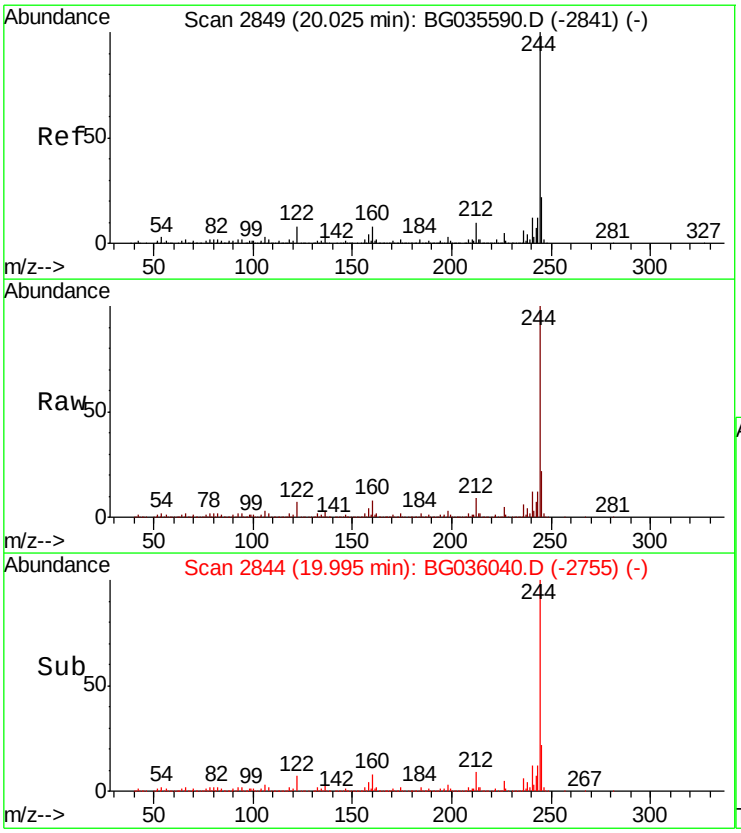
#76
Benzidine
Concen: 2.899 ng
RT: 20.00 min Scan# 2844
Delta R.T. 0.37 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 23916

Ion	Ratio	Lower	Upper
184	100		
185	16.9	11.1	16.7#
183	9.1	10.6	16.0#

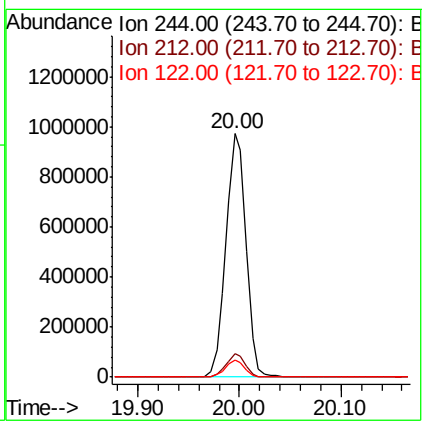


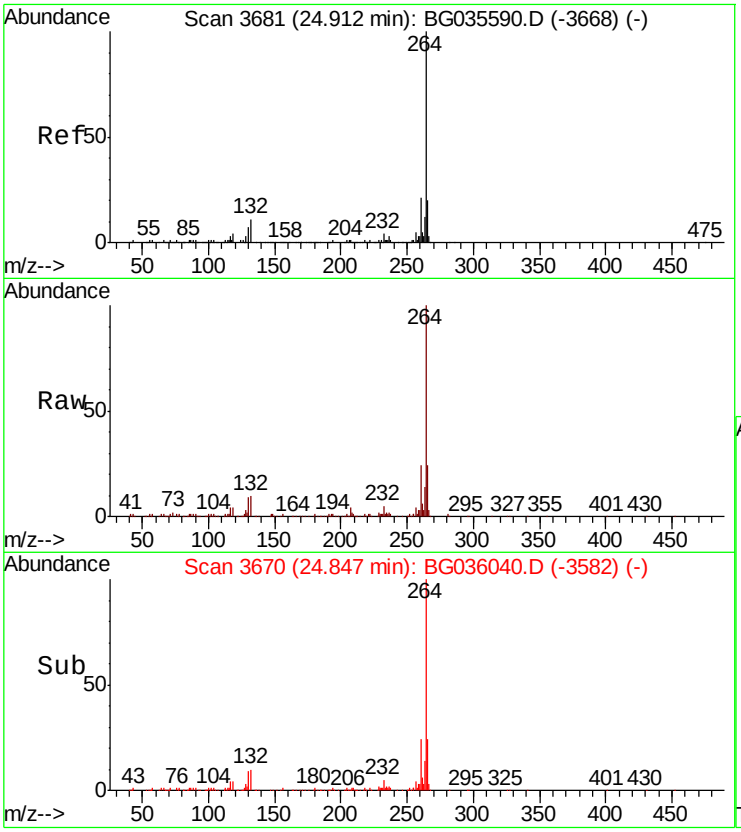


#78
Terphenyl-d14
Concen: 93.619 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Tgt Ion:244 Resp: 1332717

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	7.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 306074

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	24.0	17.7	26.5