Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036044.D
Acq On : 1 Aug 2018 21:49
Operator : JU/SJ
Sample : PB111659BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 02 08:23:46 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	31109	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	112455	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	83790	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	250481	20.00	ng	0.00
75) Chrysene-d12	21.65	240	285103	20.00	ng	0.00
86) Perylene-d12	24.85	264	269851	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	256665	136.98	ng	0.00
7) Phenol-d6	7.19	99	361536	129.32	ng	0.00
23) Nitrobenzene-d5	9.18	82	233870	86.88	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	172431	156.13	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	562538	89.95	ng	0.00
78) Terphenyl-d14	20.00	244	1217335	94.12	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	32729	13.903	ng	# 71
50) 2,6-Dinitrotoluene	14.65	165	10926	7.309	ng	# 18
56) 2,4-Dinitrotoluene	14.65	165	10926	5.094	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	14104	4.853	ng	# 1
76) Benzidine	20.00	184	20846	2.781	ng	# 87

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

Quantitation Report (Not Reviewed)

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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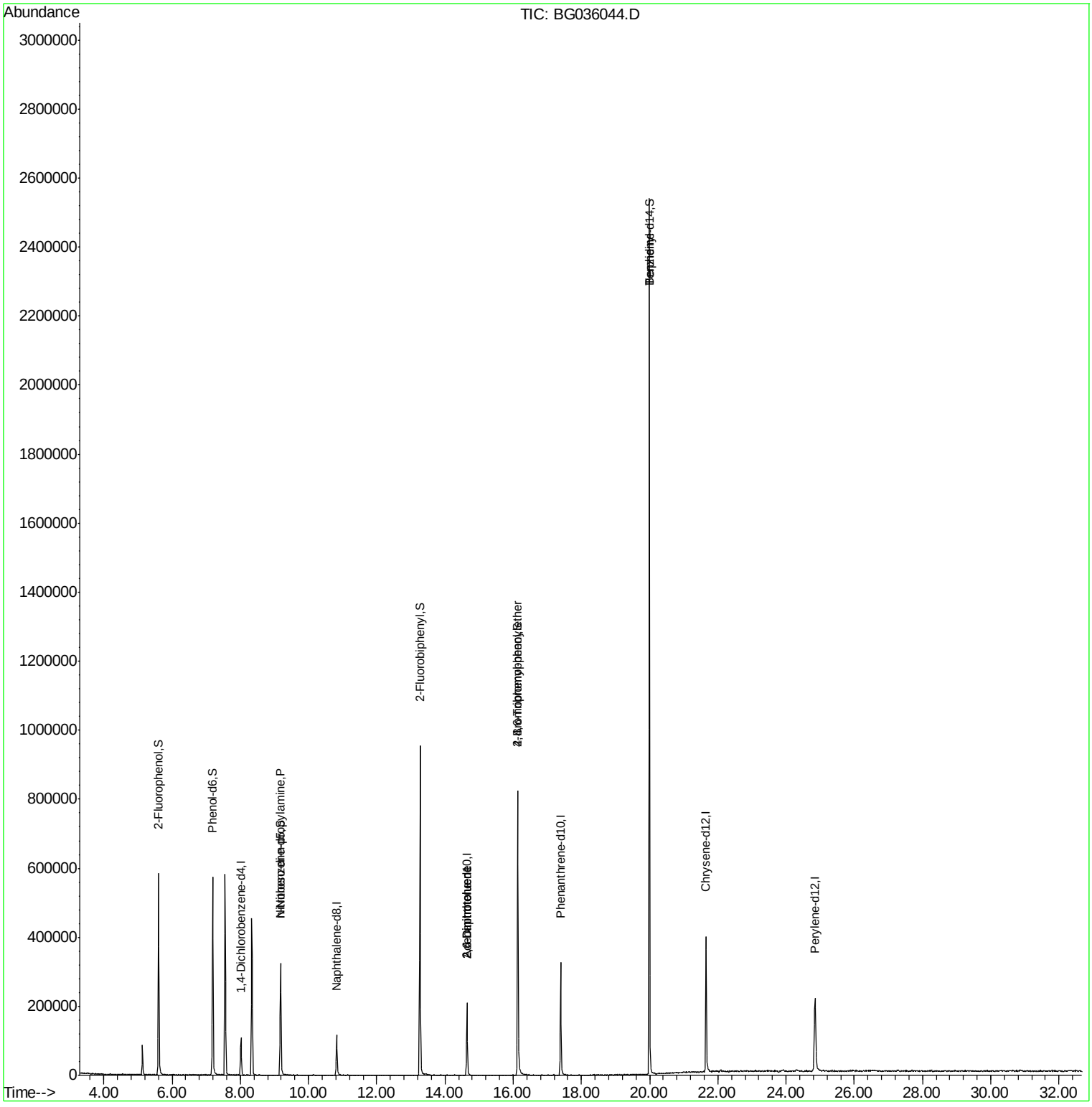
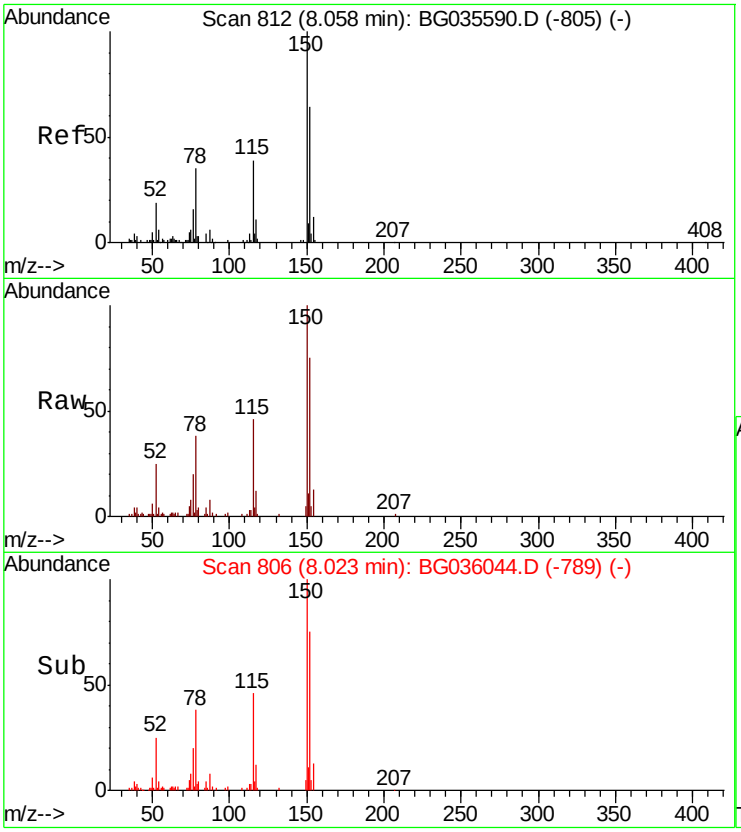


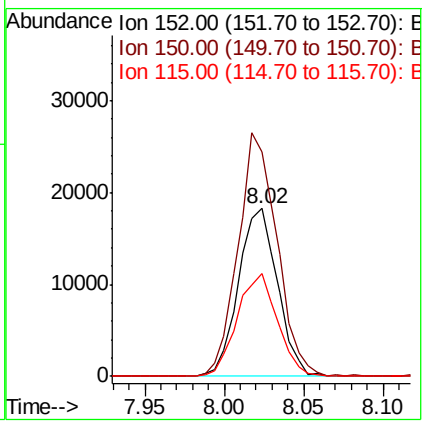


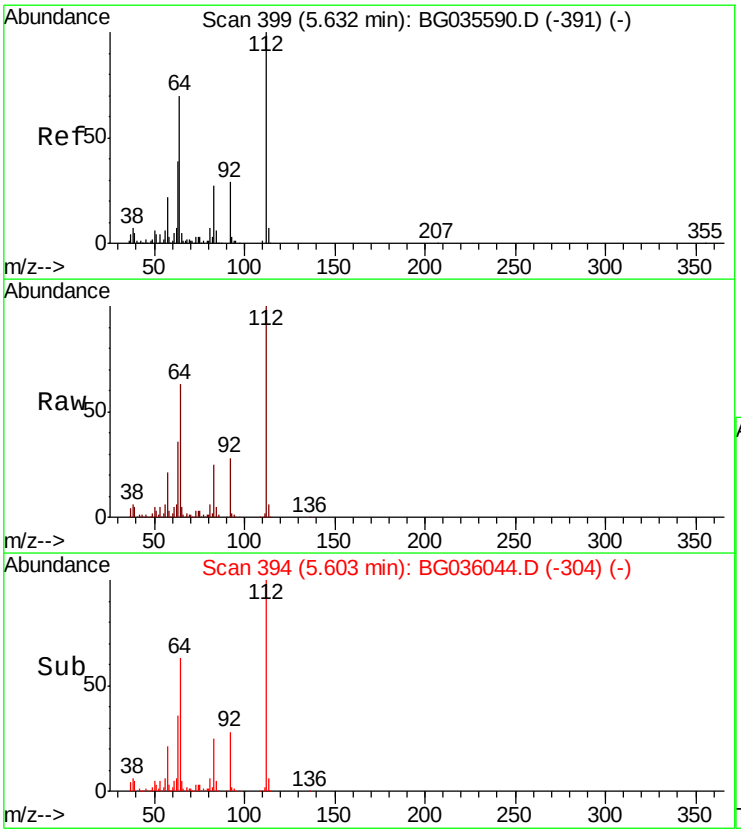
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 31109

Ion	Ratio	Lower	Upper
152	100		
150	133.3	126.6	189.8
115	61.0	53.0	79.4

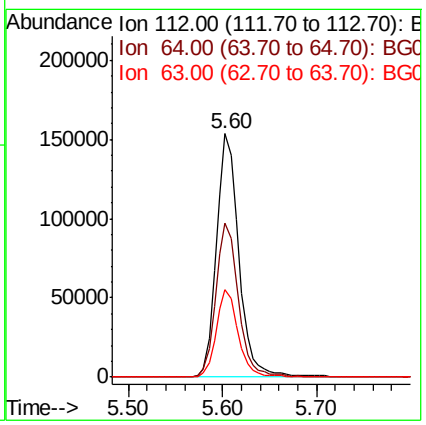


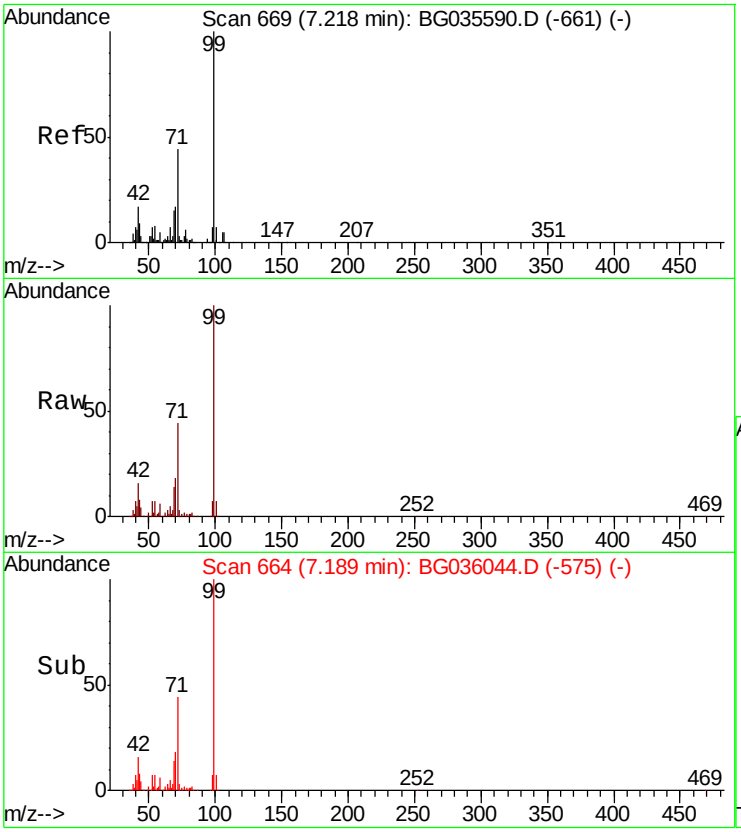


#5
2-Fluorophenol
Concen: 136.978 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Tgt Ion:112 Resp: 256665

Ion	Ratio	Lower	Upper
112	100		
64	63.3	56.3	84.5
63	36.1	30.1	45.1



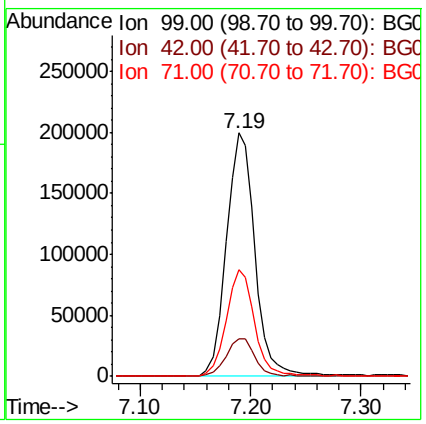


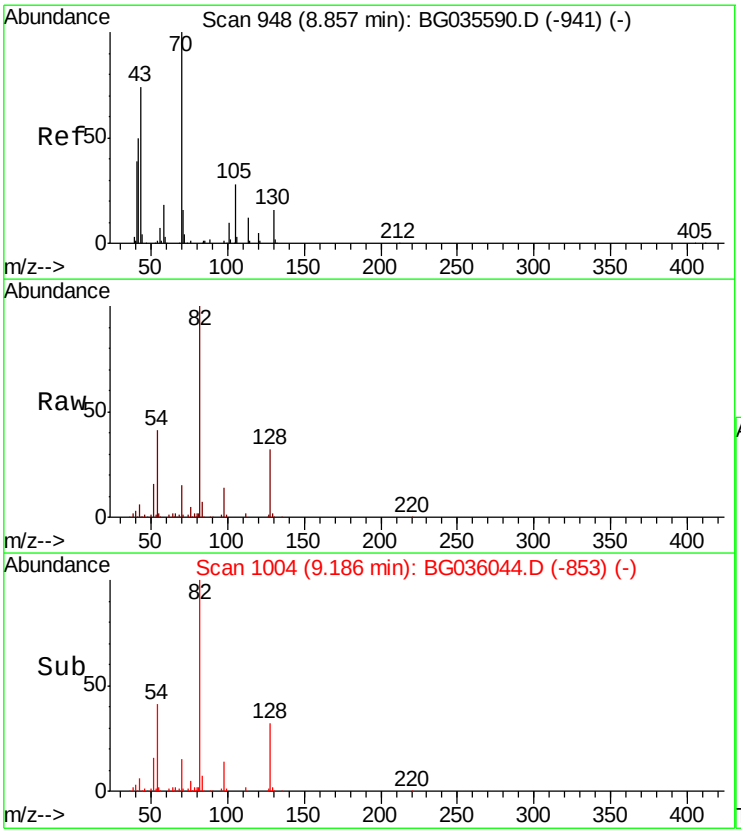
#7
Phenol-d6
Concen: 129.321 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 361536

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	44.1	26.1	39.1#

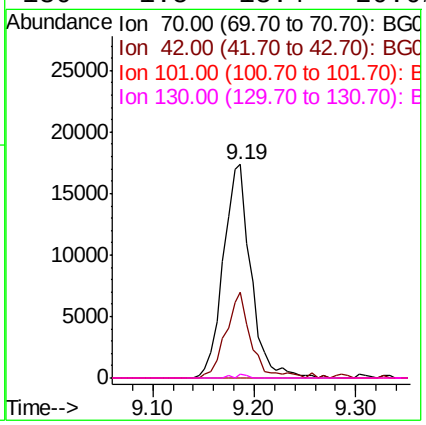


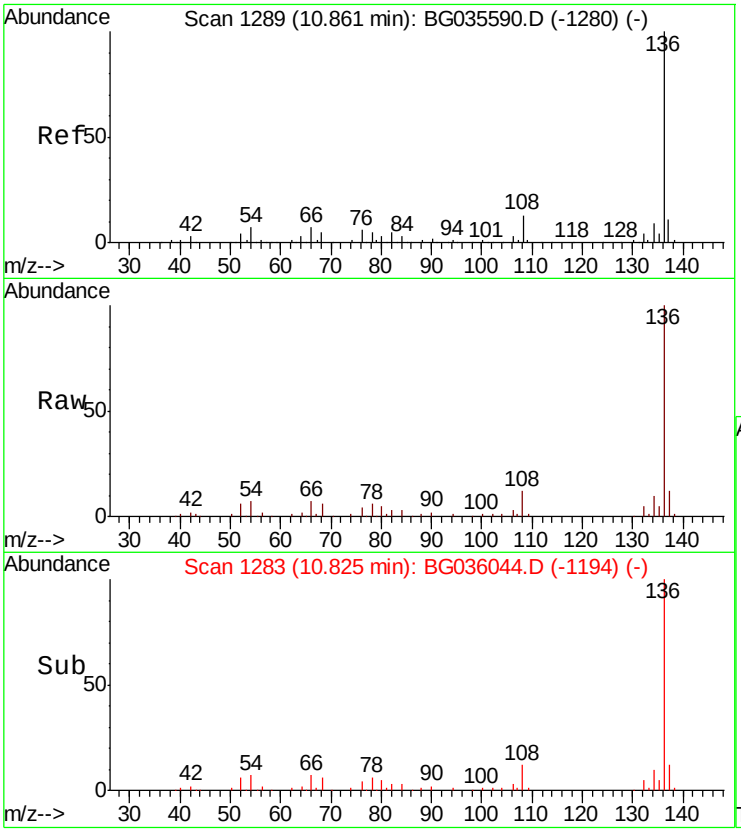


#19
n-Nitroso-di-n-propylamine
Concen: 13.903 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Tgt Ion: 70 Resp: 32729

Ion	Ratio	Lower	Upper
70	100		
42	39.9	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



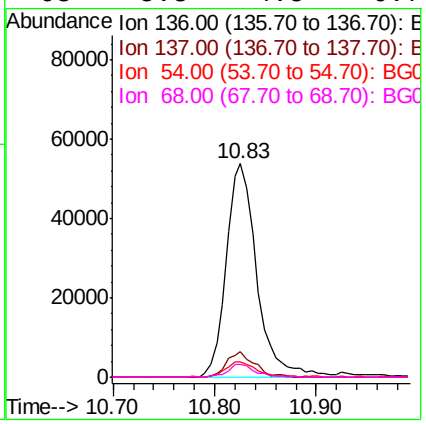


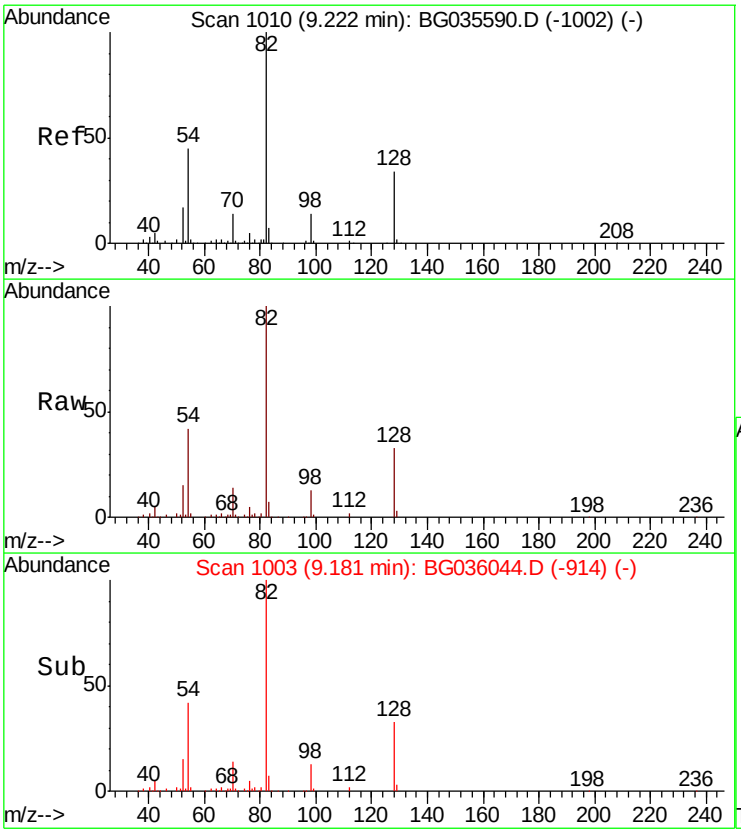
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 112455

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.2	13.8
54	7.1	10.3	15.5#
68	5.8	4.5	6.7

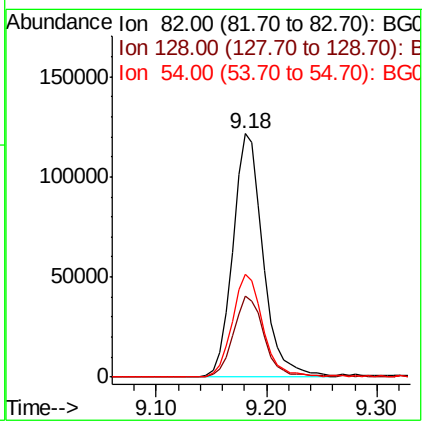


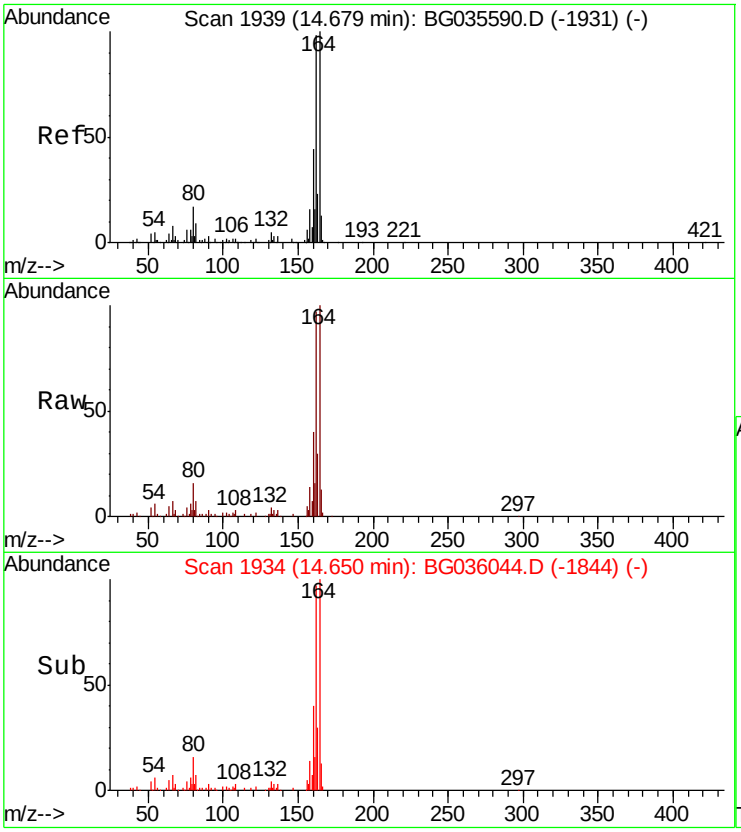


#23
Nitrobenzene-d5
Concen: 86.878 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Tgt Ion: 82 Resp: 233870

Ion	Ratio	Lower	Upper
82	100		
128	33.4	29.7	44.5
54	42.5	43.1	64.7#



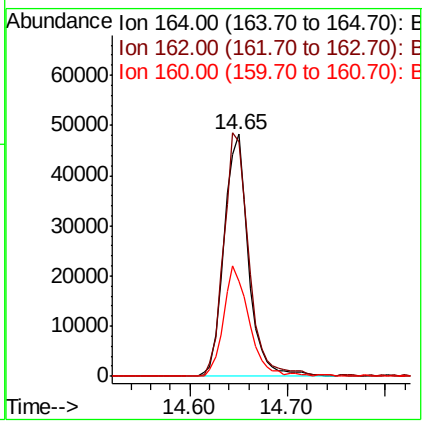


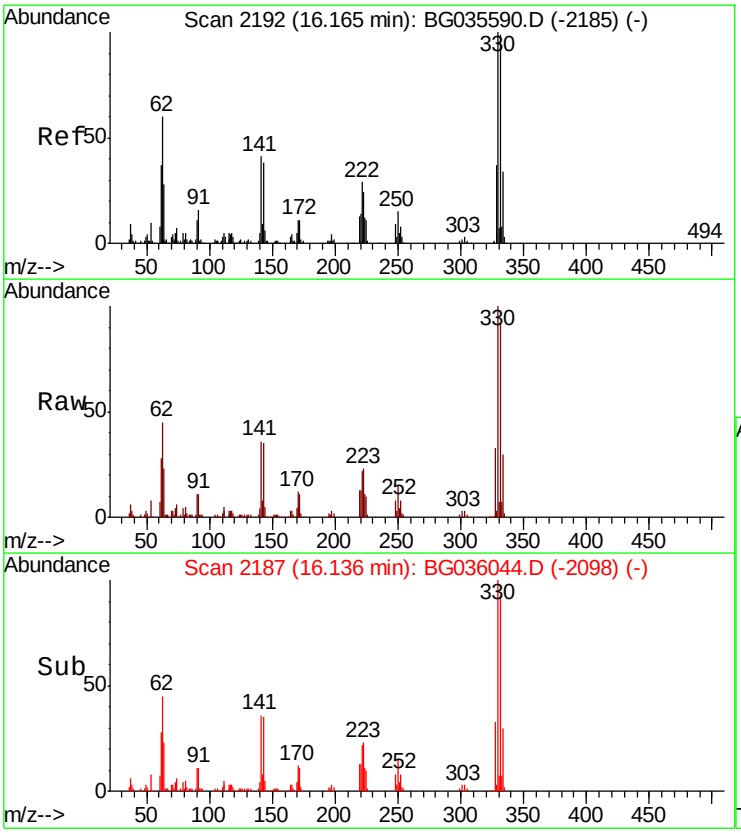
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 83790

Ion	Ratio	Lower	Upper
164	100		
162	97.0	78.8	118.2
160	39.6	35.4	53.0

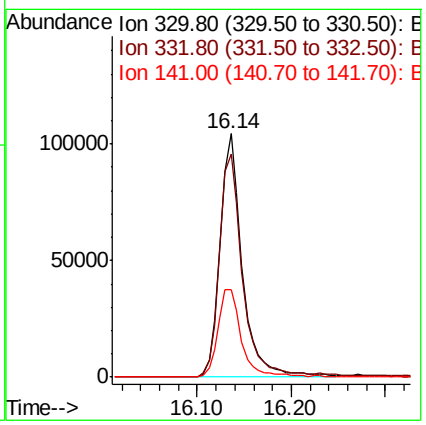


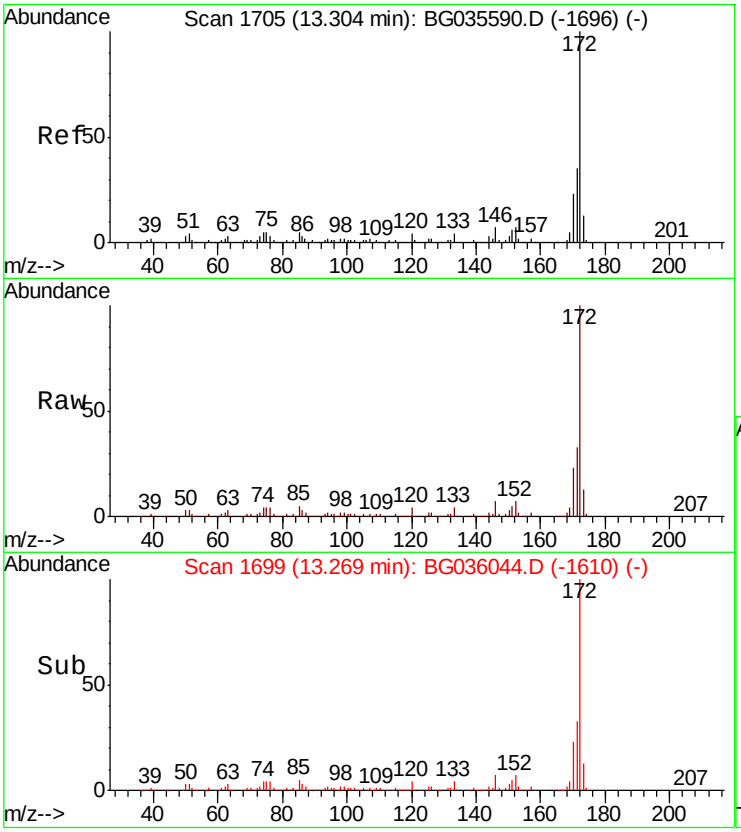


#41
2,4,6-Tribromophenol
Concen: 156.130 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Tgt Ion:330 Resp: 172431

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	38.0	25.2	37.8#



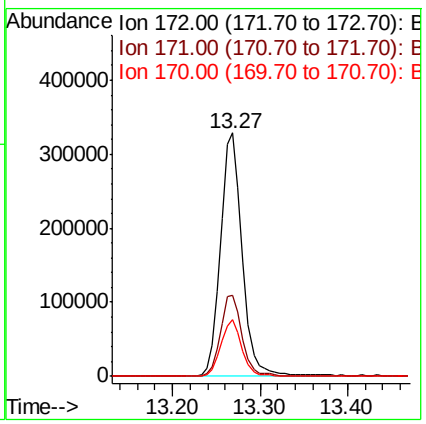


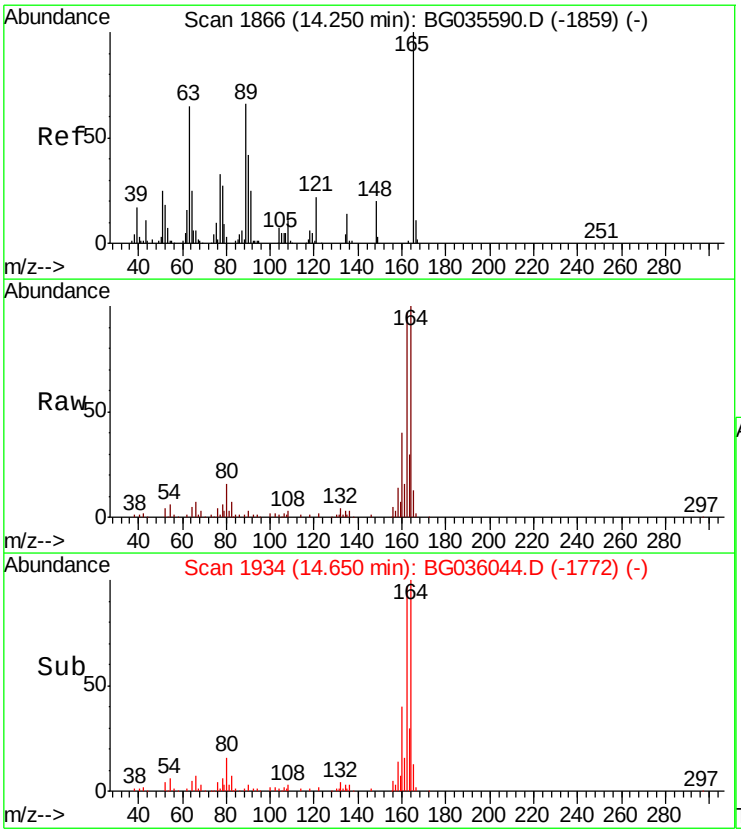
#44
2-Fluorobiphenyl
Concen: 89.946 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 562538

Ion	Ratio	Lower	Upper
172	100		
171	33.3	30.0	45.0
170	23.3	19.5	29.3

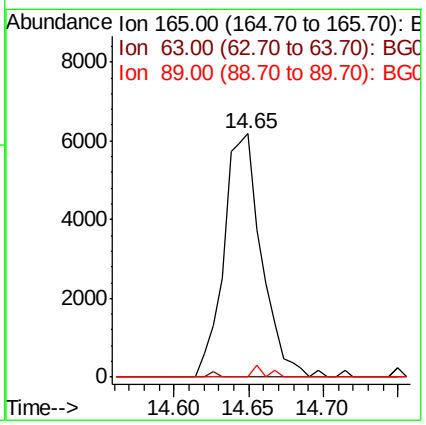


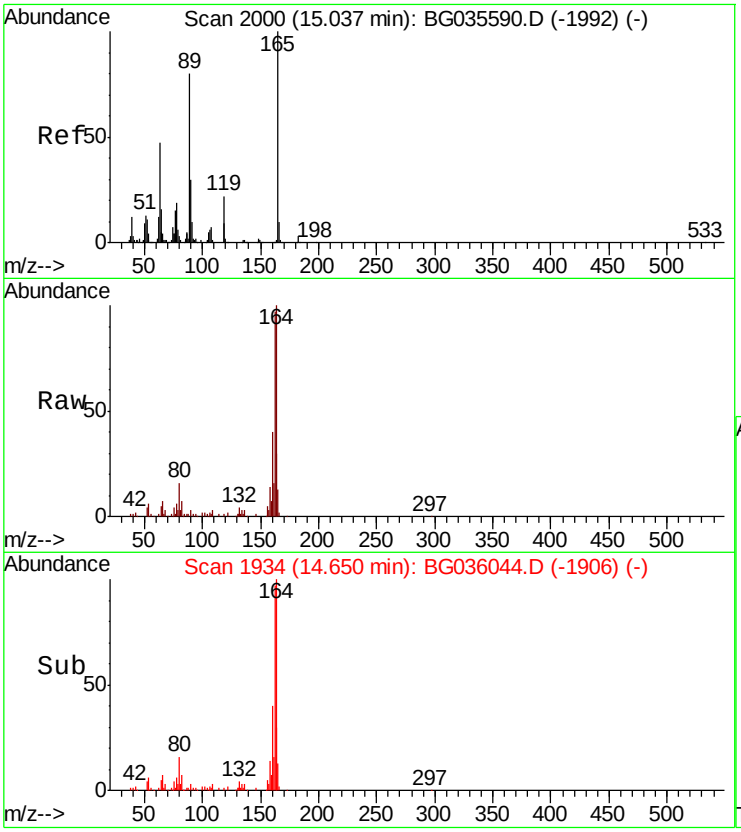


#50
2,6-Dinitrotoluene
Concen: 7.309 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.42 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Tgt Ion:165 Resp: 10926

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



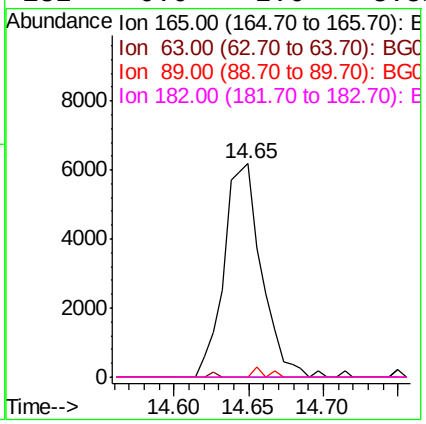


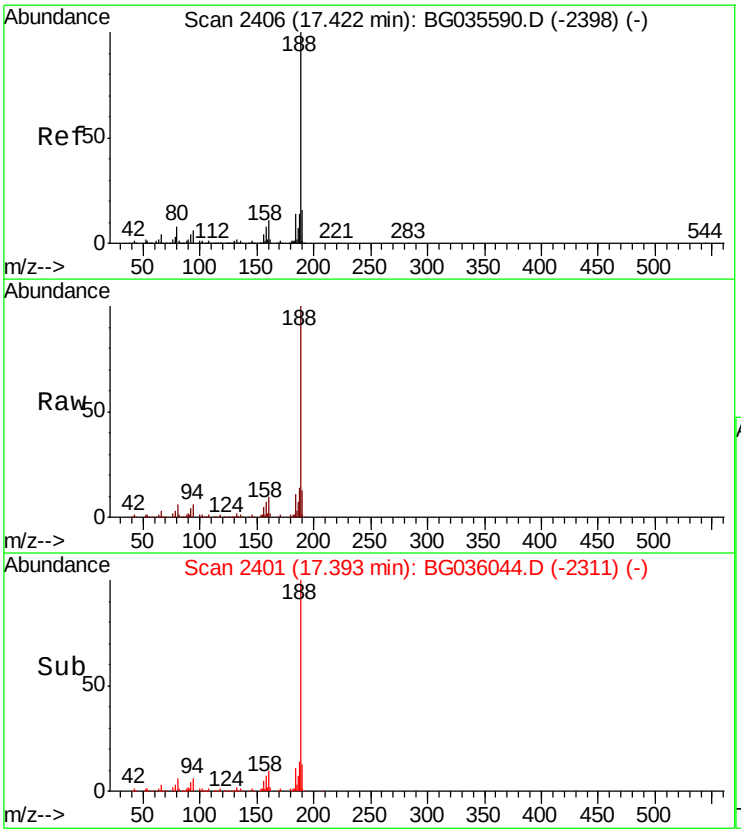
#56
2,4-Dinitrotoluene
Concen: 5.094 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.37 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10926

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#

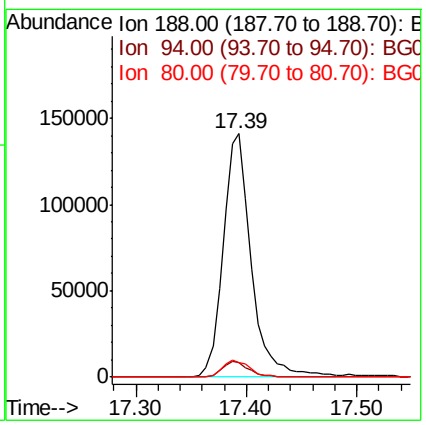


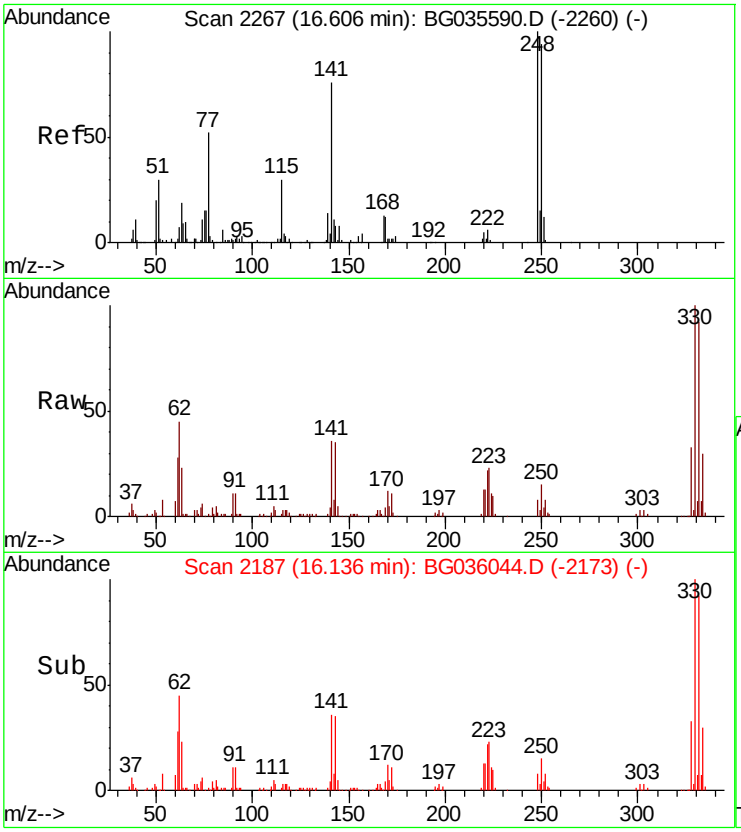


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Tgt Ion:188 Resp: 250481

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	6.0	7.7	11.5#



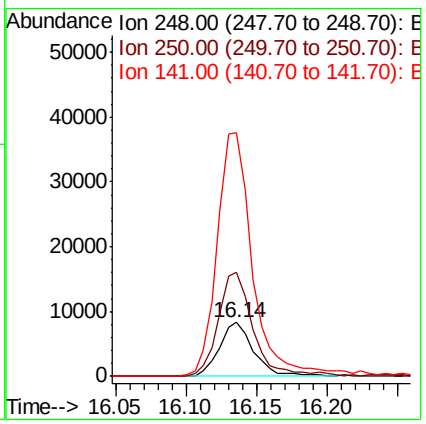


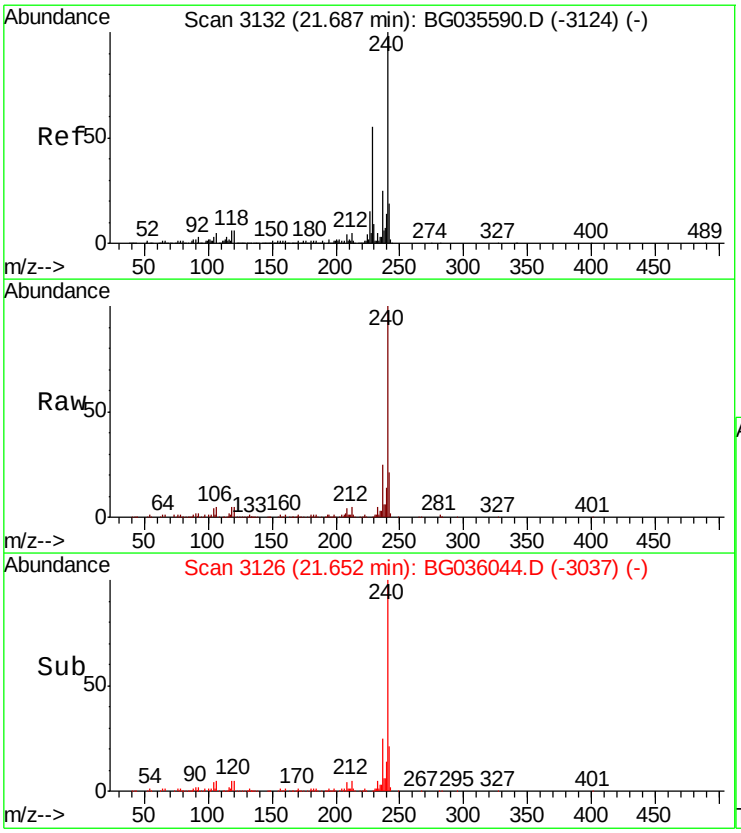
#66
4-Bromophenyl-phenylether
Concen: 4.853 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 14104

Ion	Ratio	Lower	Upper
248	100		
250	193.4	77.1	115.7#
141	454.4	50.8	76.2#

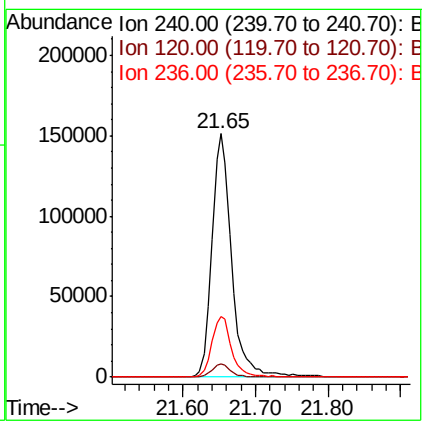


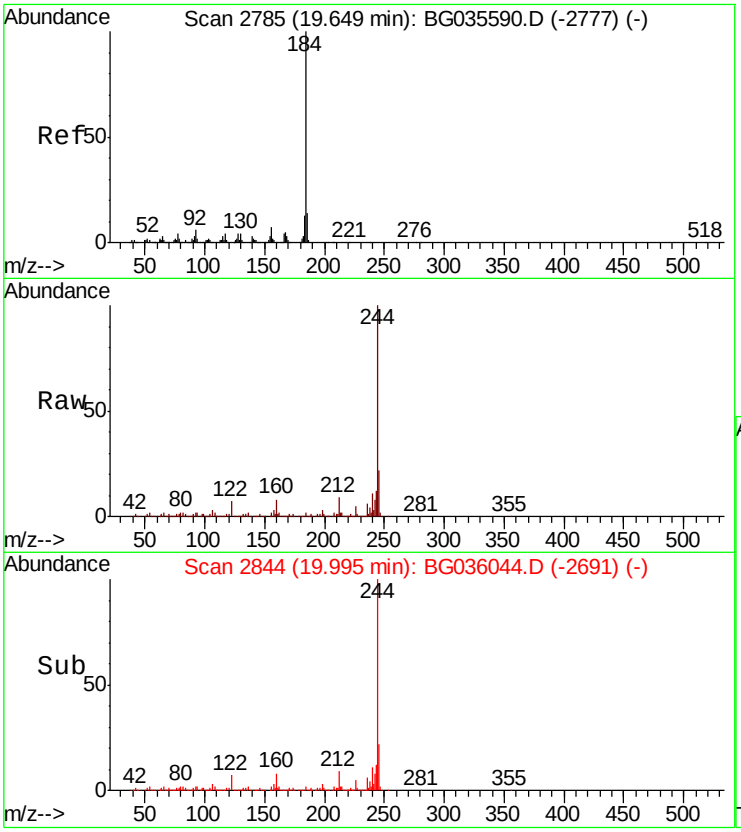


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Tgt Ion:240 Resp: 285103

Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.8	10.2#
236	24.8	20.9	31.3



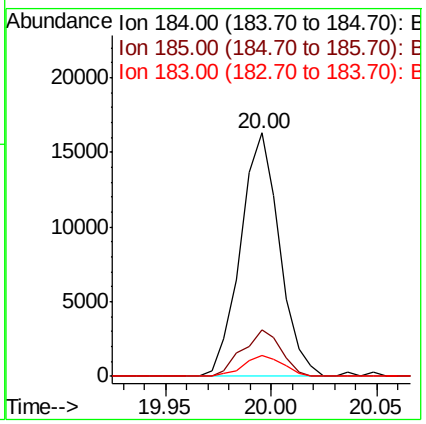


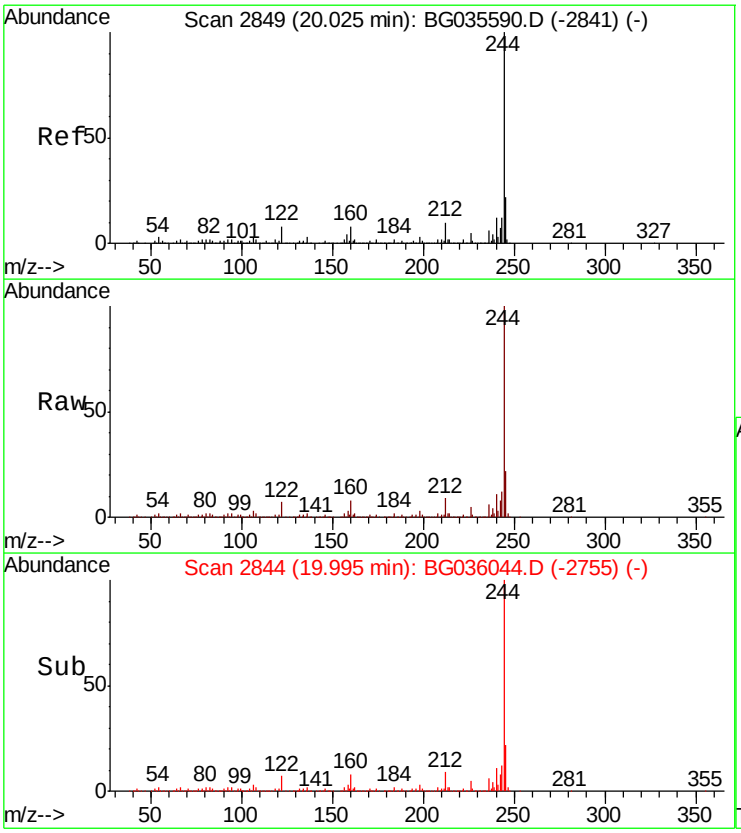
#76
Benzidine
Concen: 2.781 ng
RT: 20.00 min Scan# 2844
Delta R.T. 0.37 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 20846

Ion	Ratio	Lower	Upper
184	100		
185	19.1	11.1	16.7#
183	8.4	10.6	16.0#

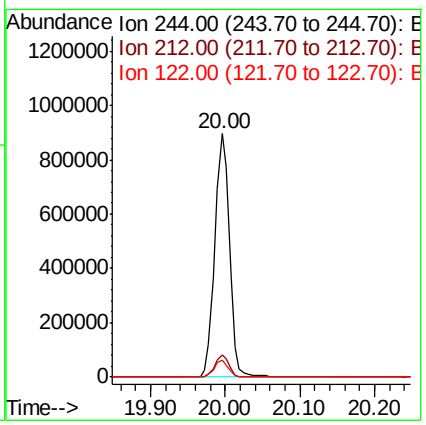


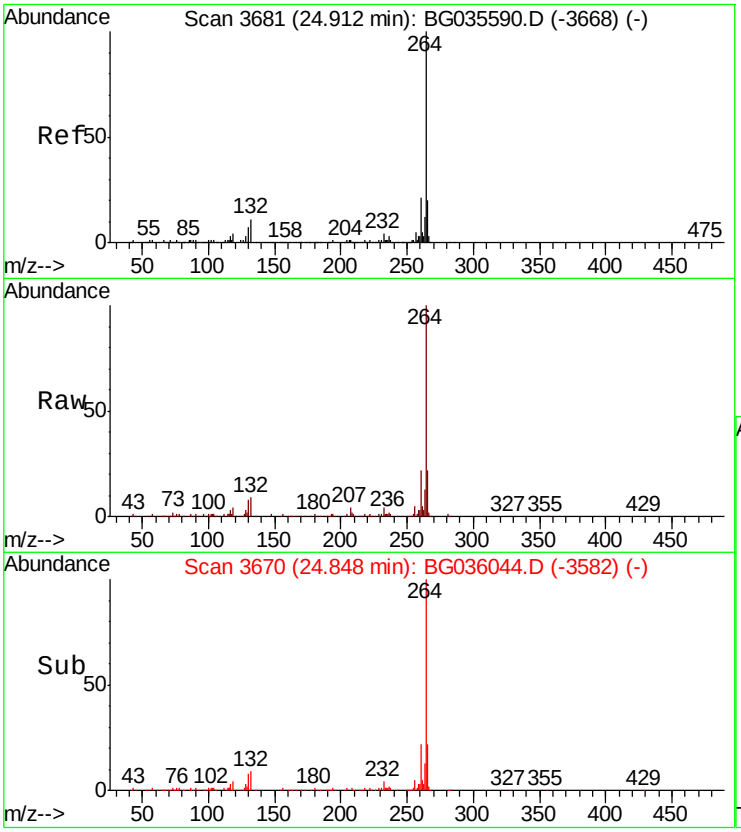


#78
Terphenyl-d14
Concen: 94.119 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG036044.D
Acq: 1 Aug 2018 21:49

Tgt Ion:244 Resp: 1217335

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	7.1	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: BG036044.D
Acq: 1 Aug 2018 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 269851

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	22.3	17.7	26.5