Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
Data File : BG036213.D
Acq On : 9 Aug 2018 1:08
Operator : JU/SJ
Sample : J4275-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 09 03:21:48 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	25731	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	85578	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	61100	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	183997	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	206444	20.00	ng		-0.02
86) Perylene-d12	24.83	264	188226	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	202326	130.55	ng		0.00
7) Phenol-d6	7.18	99	252869	109.36	ng		-0.01
23) Nitrobenzene-d5	9.17	82	212859	103.91	ng		-0.01
41) 2,4,6-Tribromophenol	16.12	330	151927	188.65	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	487774	106.95	ng		-0.02
78) Terphenyl-d14	19.98	244	1125610	120.19	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.17	70	30728	15.781	ng	#	65
31) Naphthalene	10.86	128	37434	8.397	ng		95
33) 4-Chloroaniline	10.87	127	5044	2.596	ng	#	42
50) 2,6-Dinitrotoluene	14.63	165	8252	7.570	ng	#	18
56) 2,4-Dinitrotoluene	14.63	165	8252	5.276	ng	#	16
66) 4-Bromophenyl-phenylether	16.12	248	12312	5.768	ng	#	1
76) Benzidine	19.99	184	20048	3.694	ng	#	95

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

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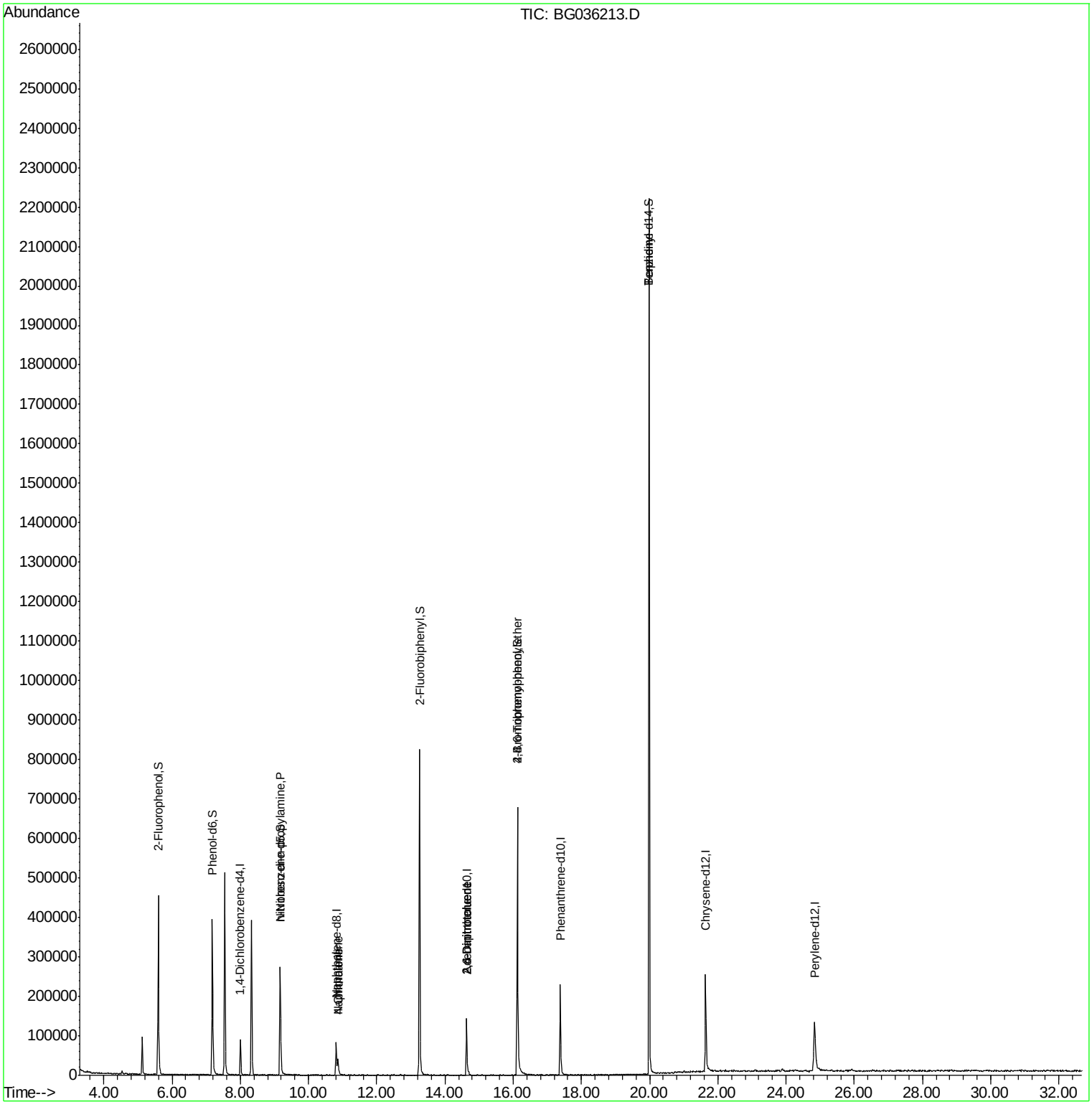
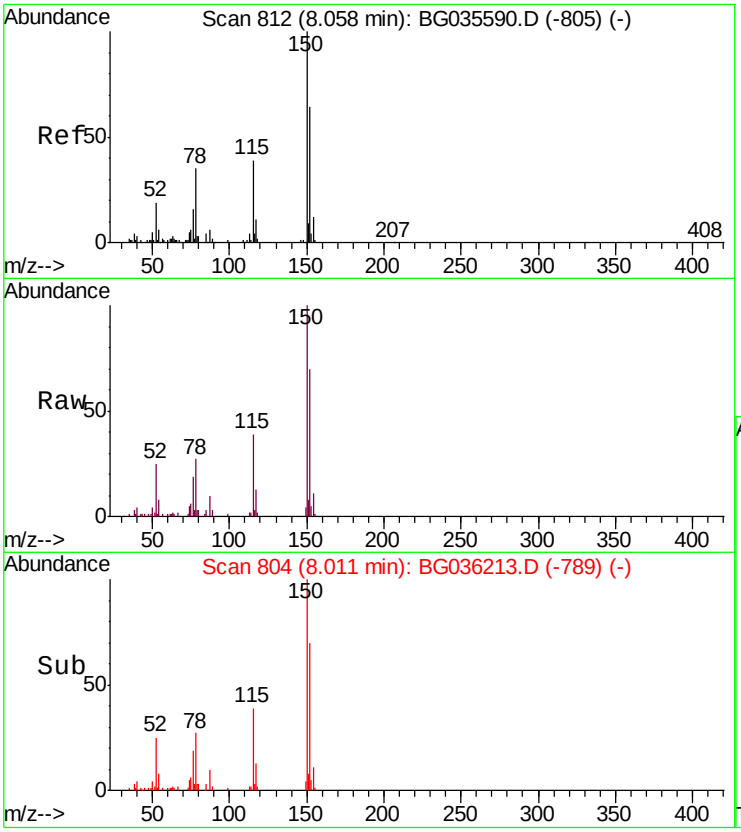
Response via : Initial Calibration



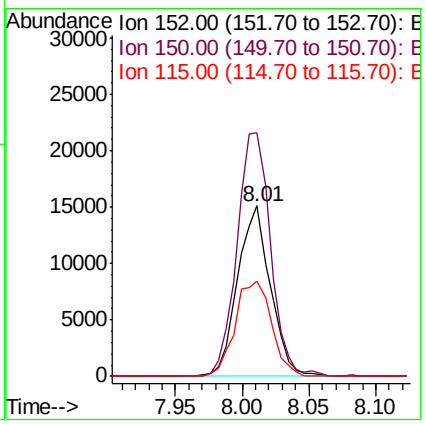


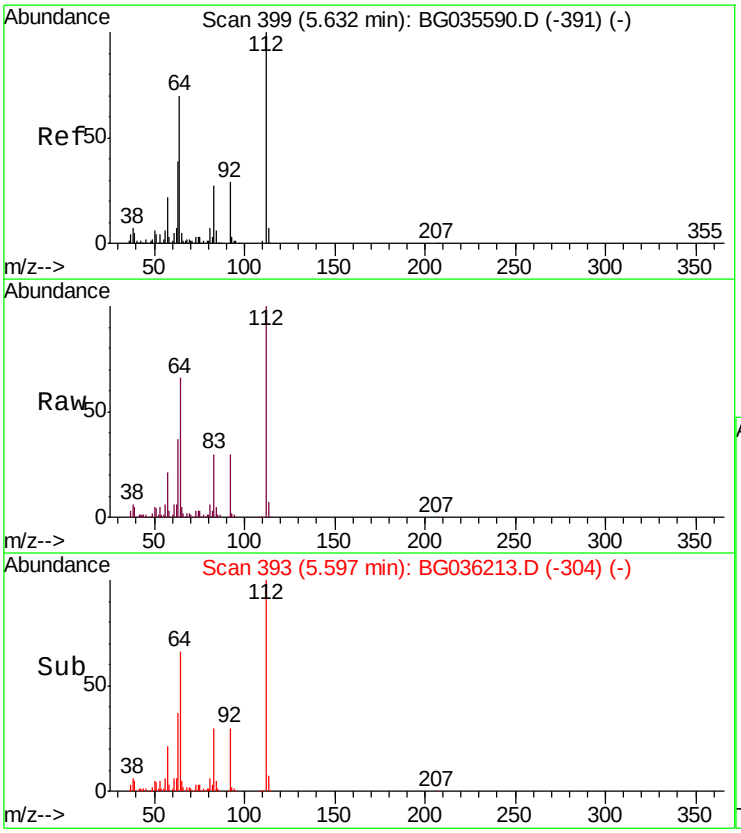
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 25731

Ion	Ratio	Lower	Upper
152	100		
150	142.8	126.6	189.8
115	55.7	53.0	79.4

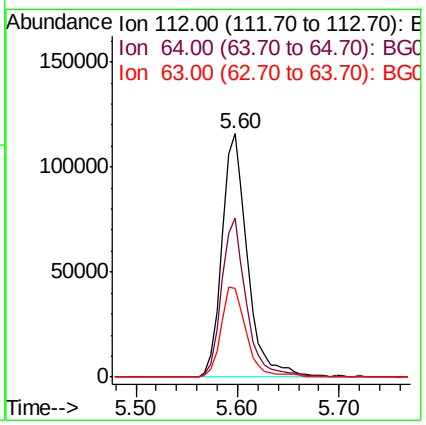


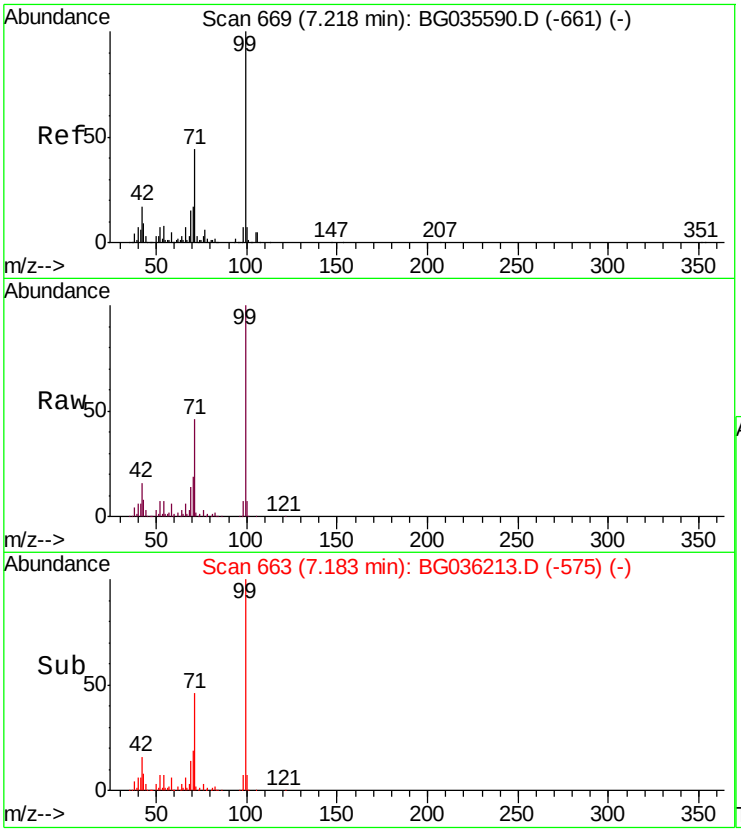


#5
2-Fluorophenol
Concen: 130.546 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Tgt Ion:112 Resp: 202326

Ion	Ratio	Lower	Upper
112	100		
64	65.5	56.3	84.5
63	36.6	30.1	45.1



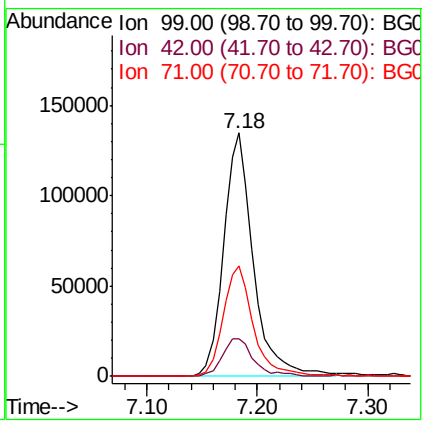


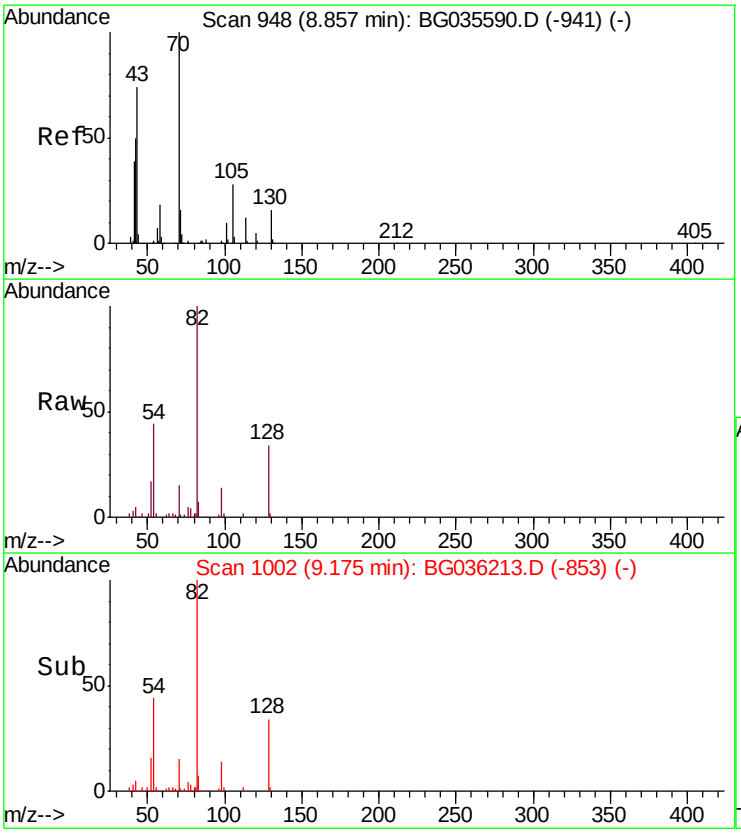
#7
Phenol-d6
Concen: 109.356 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 252869

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.1	21.1
71	45.6	26.1	39.1#

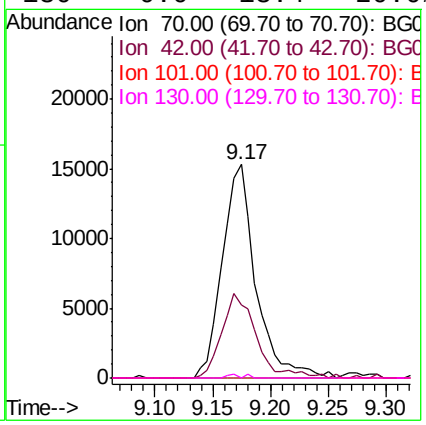


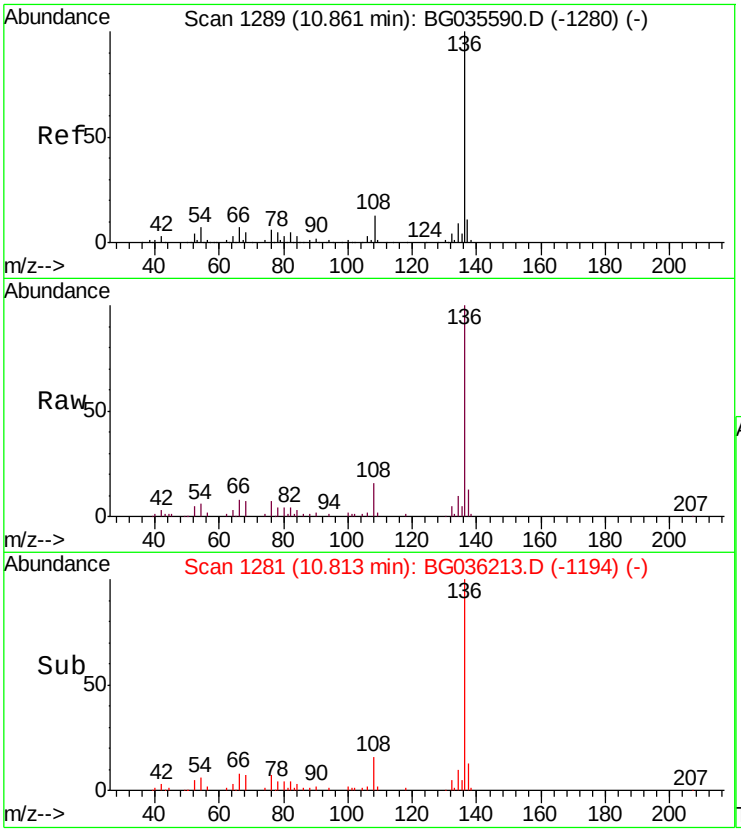


#19
n-Nitroso-di-n-propylamine
Concen: 15.781 ng
RT: 9.17 min Scan# 1002
Delta R.T. 0.35 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Tgt Ion: 70 Resp: 30728

Ion	Ratio	Lower	Upper
70	100		
42	34.2	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



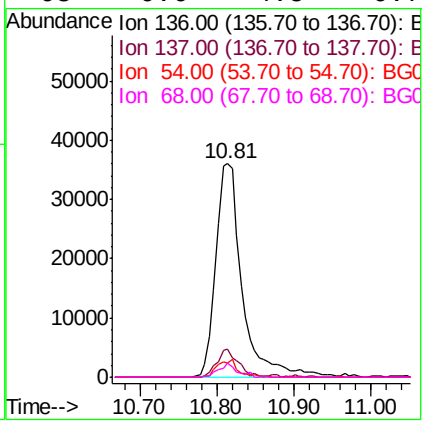


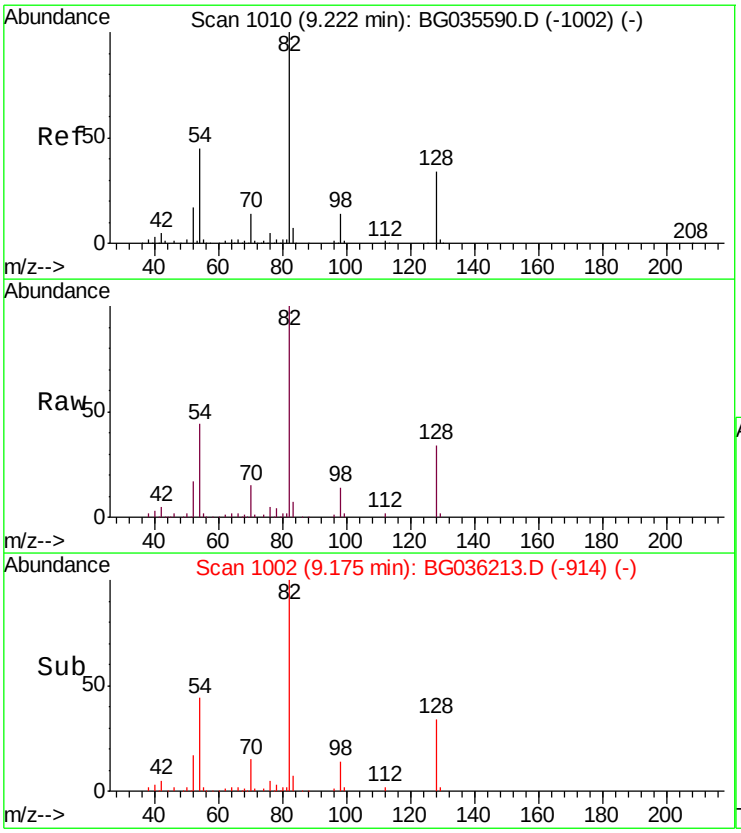
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 85578

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.2	13.8
54	6.4	10.3	15.5#
68	6.6	4.5	6.7

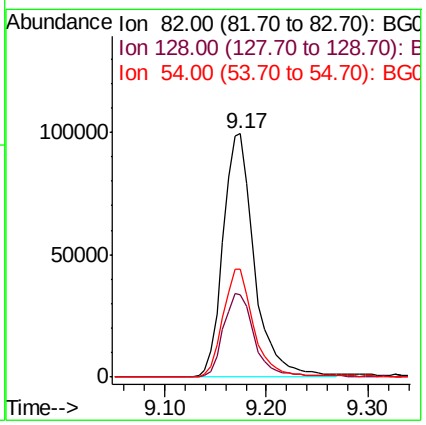


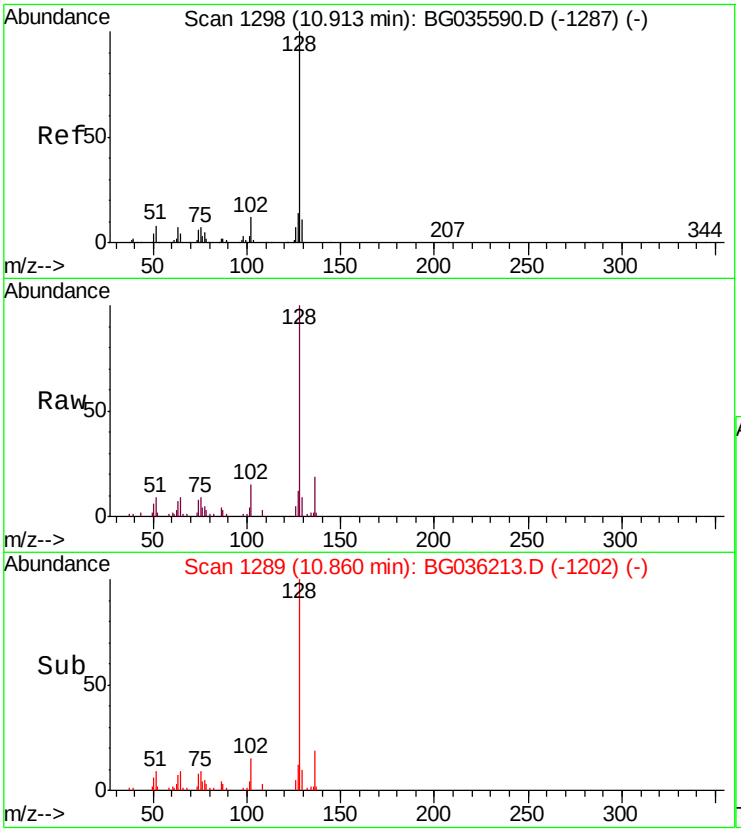


#23
Nitrobenzene-d5
Concen: 103.907 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Tgt Ion: 82 Resp: 212859

Ion	Ratio	Lower	Upper
82	100		
128	33.6	29.7	44.5
54	44.2	43.1	64.7



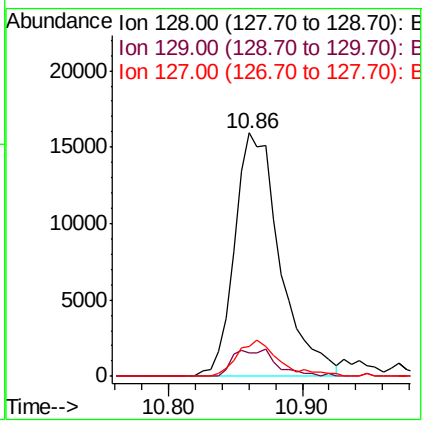


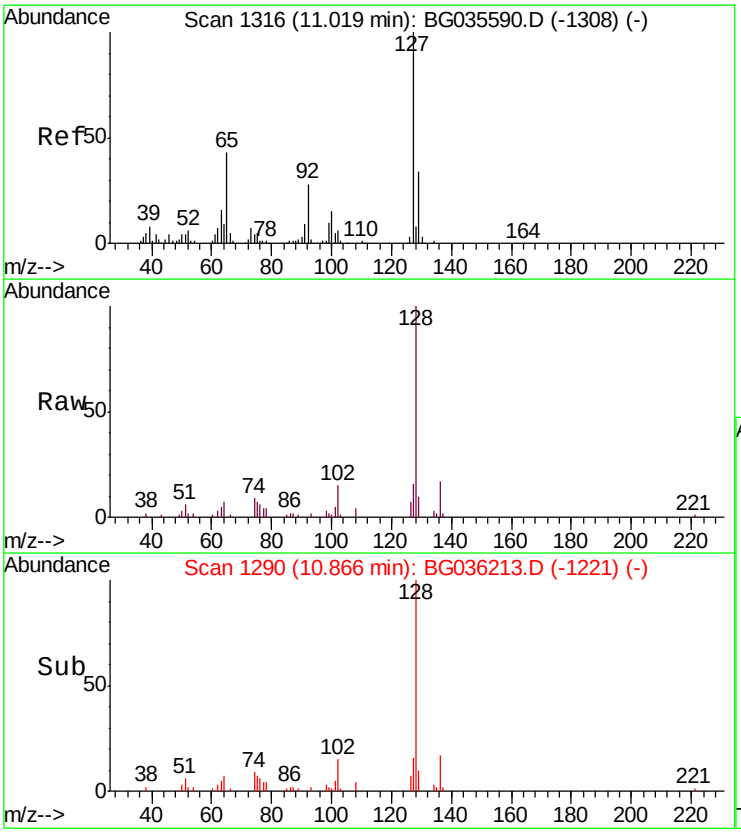
#31
Naphthalene
Concen: 8.397 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 37434

Ion	Ratio	Lower	Upper
128	100		
129	9.5	8.6	12.8
127	12.0	11.6	17.4

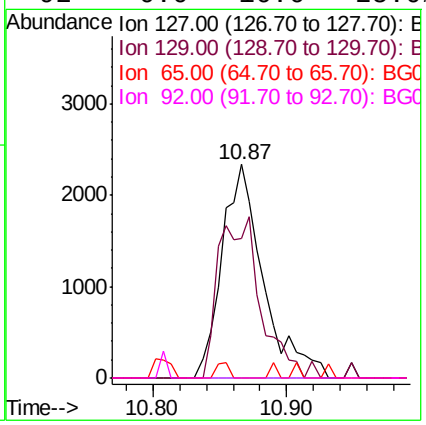


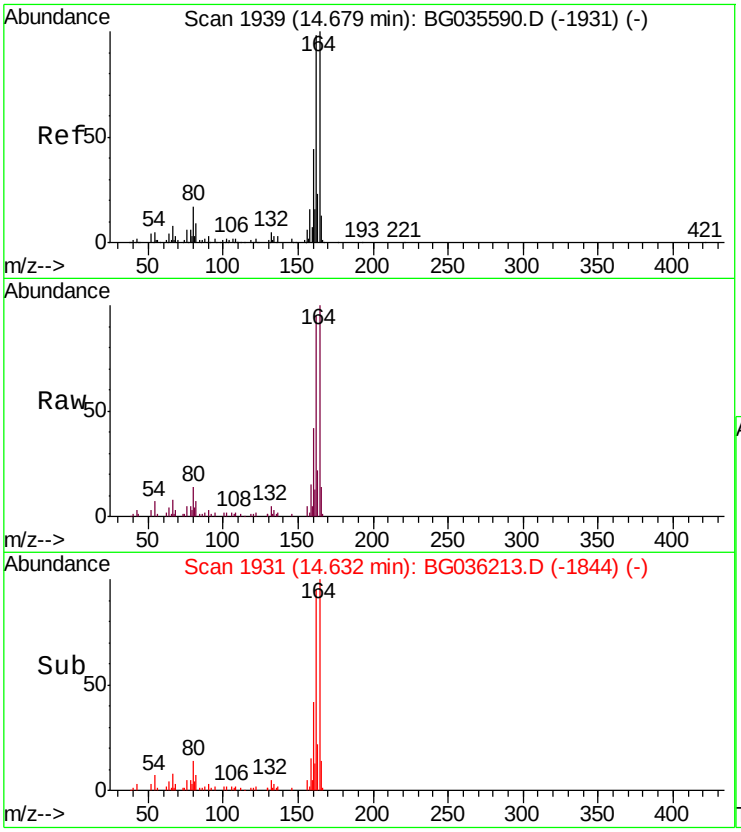


#33
4-Chloroaniline
Concen: 2.596 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.12 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Tgt Ion:127 Resp: 5044

Ion	Ratio	Lower	Upper
127	100		
129	65.3	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



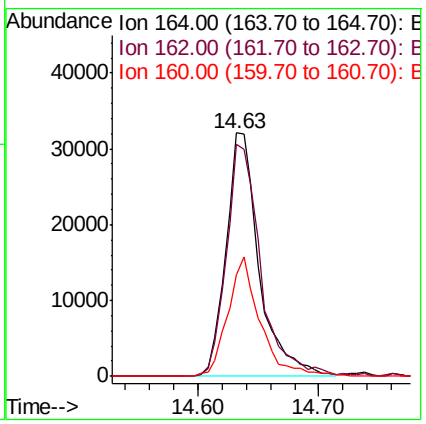


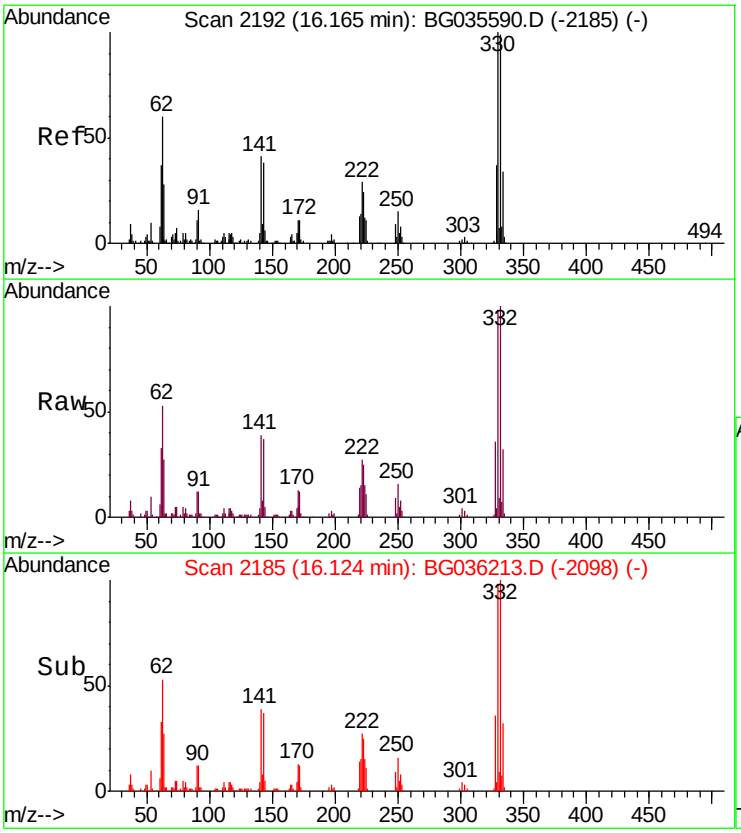
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 61100

Ion	Ratio	Lower	Upper
164	100		
162	95.2	78.8	118.2
160	41.8	35.4	53.0

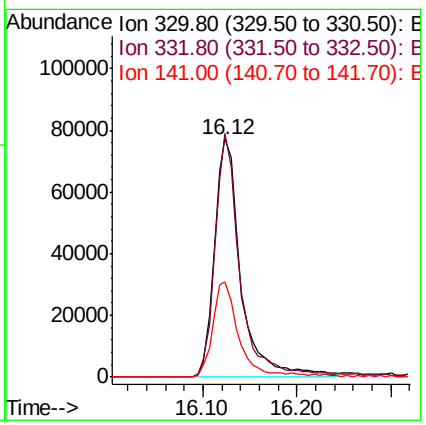


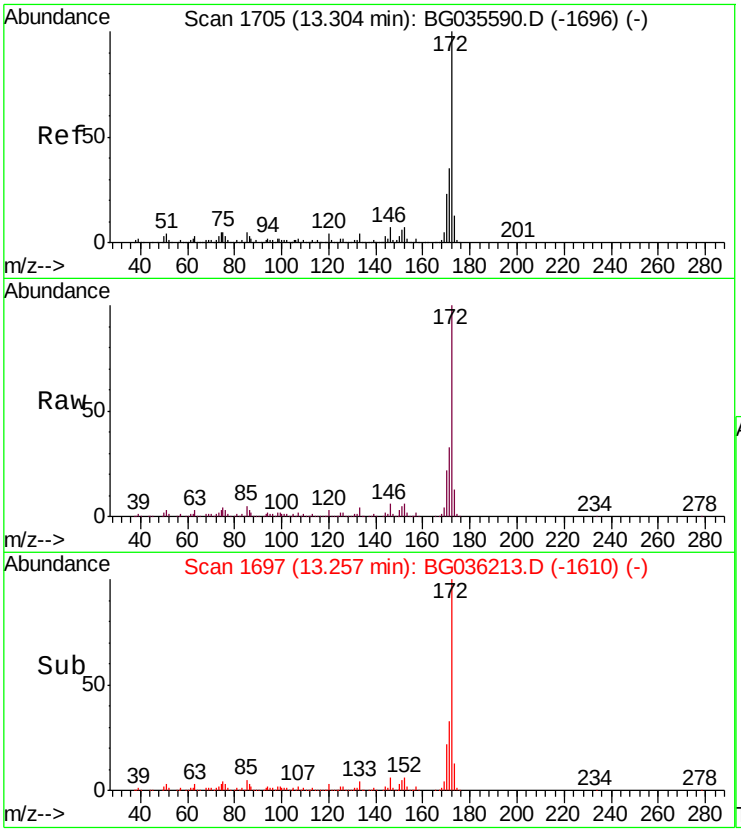


#41
2,4,6-Tribromophenol
Concen: 188.650 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Tgt Ion:330 Resp: 151927

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	39.1	25.2	37.8#



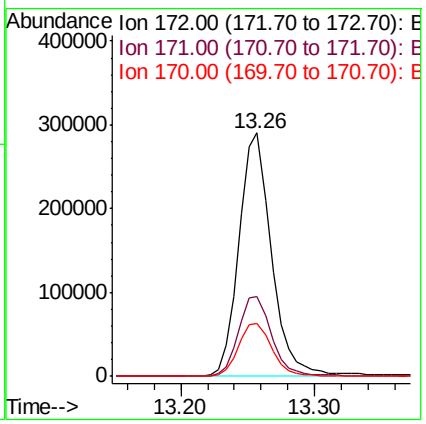


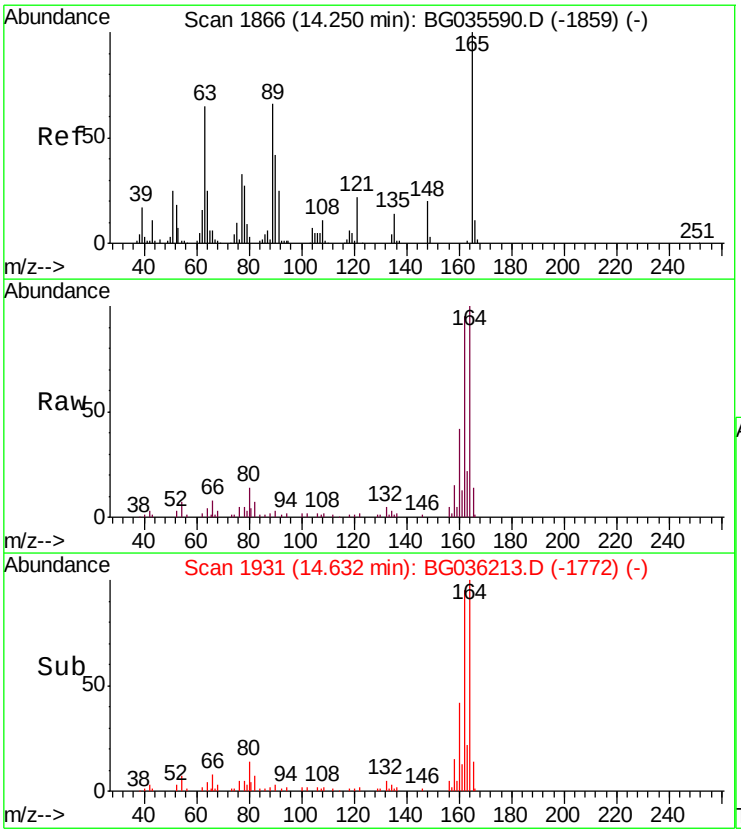
#44
2-Fluorobiphenyl
Concen: 106.954 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 487774

Ion	Ratio	Lower	Upper
172	100		
171	32.6	30.0	45.0
170	22.0	19.5	29.3

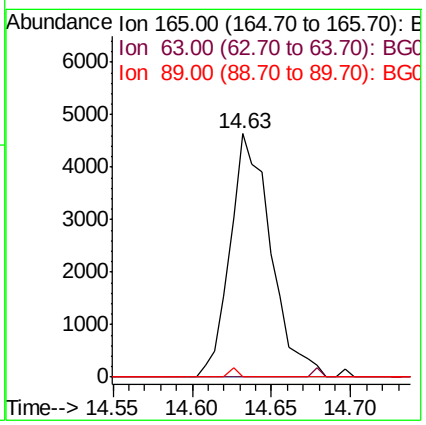


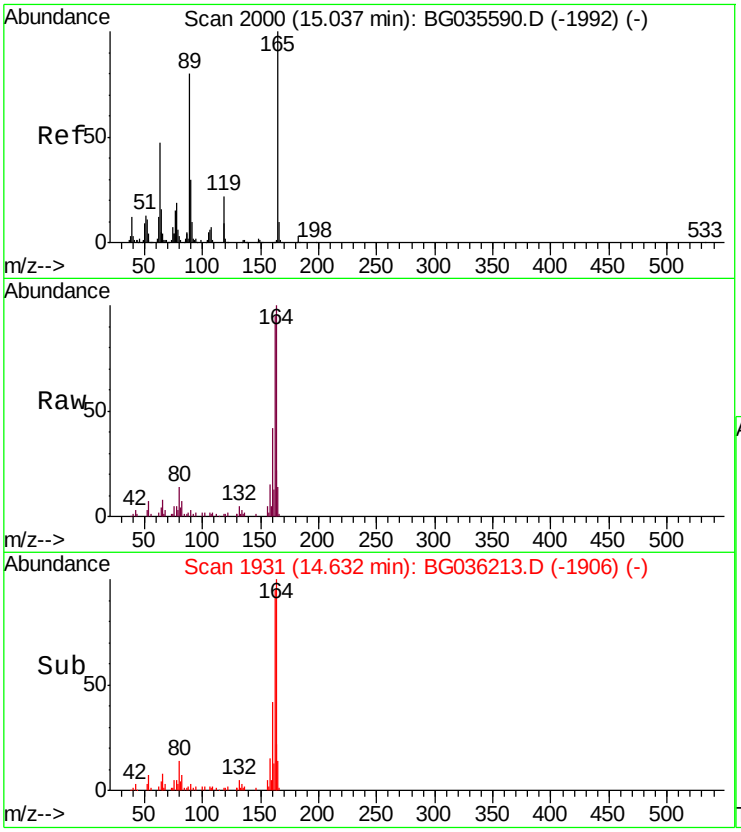


#50
2,6-Dinitrotoluene
Concen: 7.570 ng
RT: 14.63 min Scan# 1931
Delta R.T. 0.40 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Tgt Ion:165 Resp: 8252

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



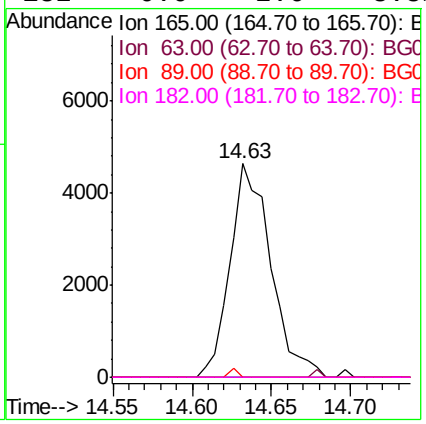


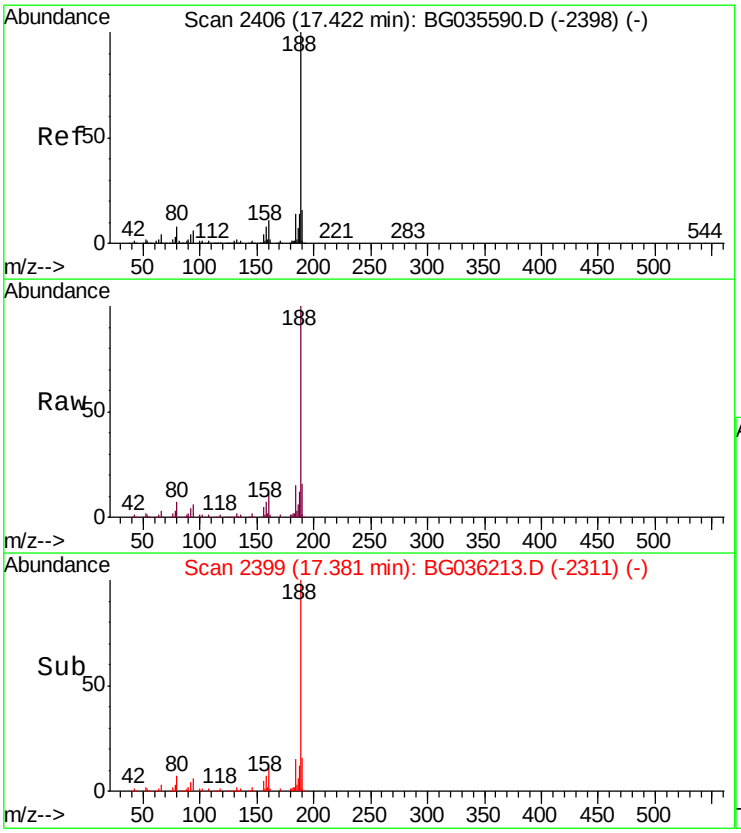
#56
2,4-Dinitrotoluene
Concen: 5.276 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.38 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 8252

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#

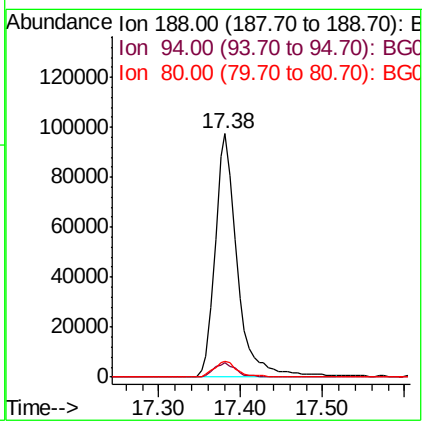


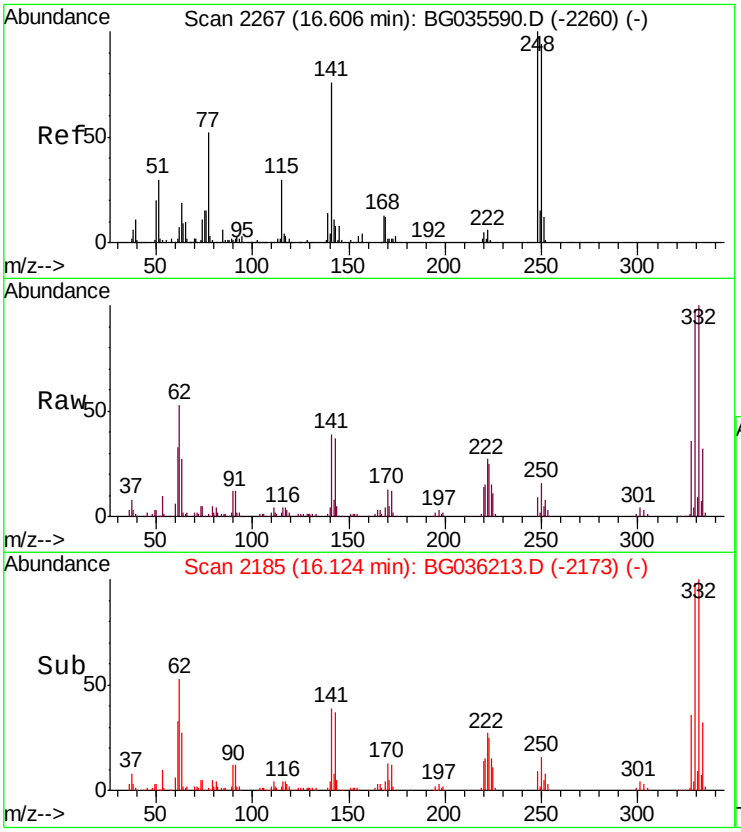


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Tgt Ion:188 Resp: 183997

Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	6.6	7.7	11.5#



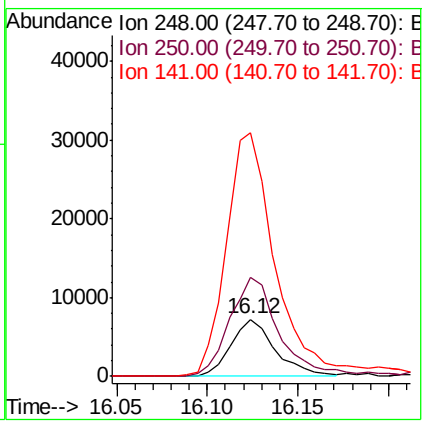


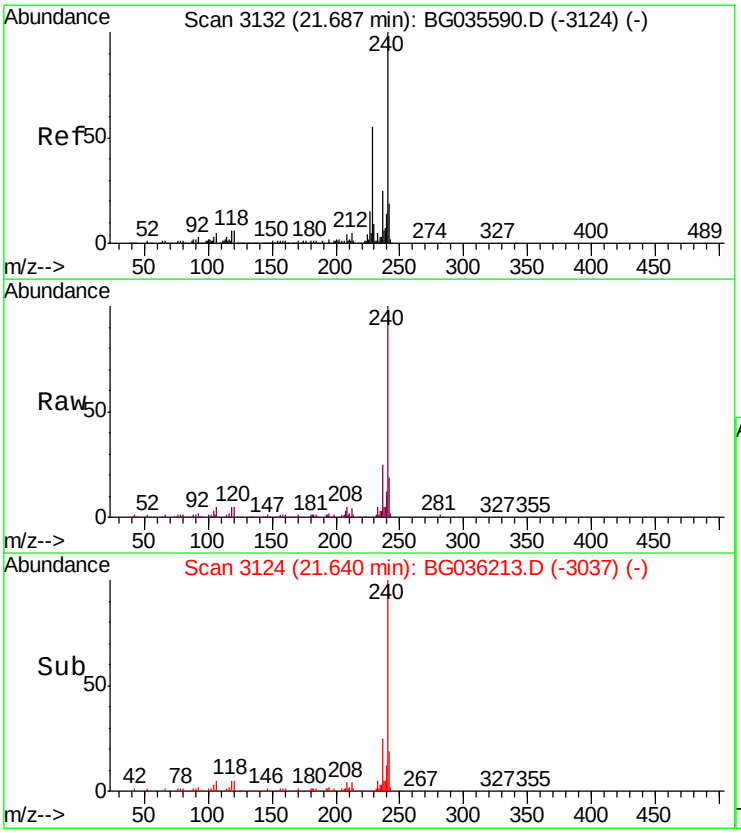
#66
4-Bromophenyl-phenylether
Concen: 5.768 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 12312

Ion	Ratio	Lower	Upper
248	100		
250	173.1	77.1	115.7#
141	426.5	50.8	76.2#

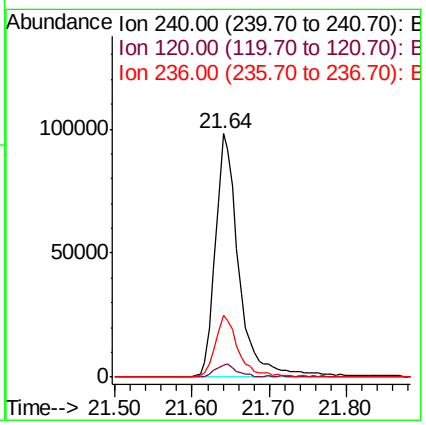


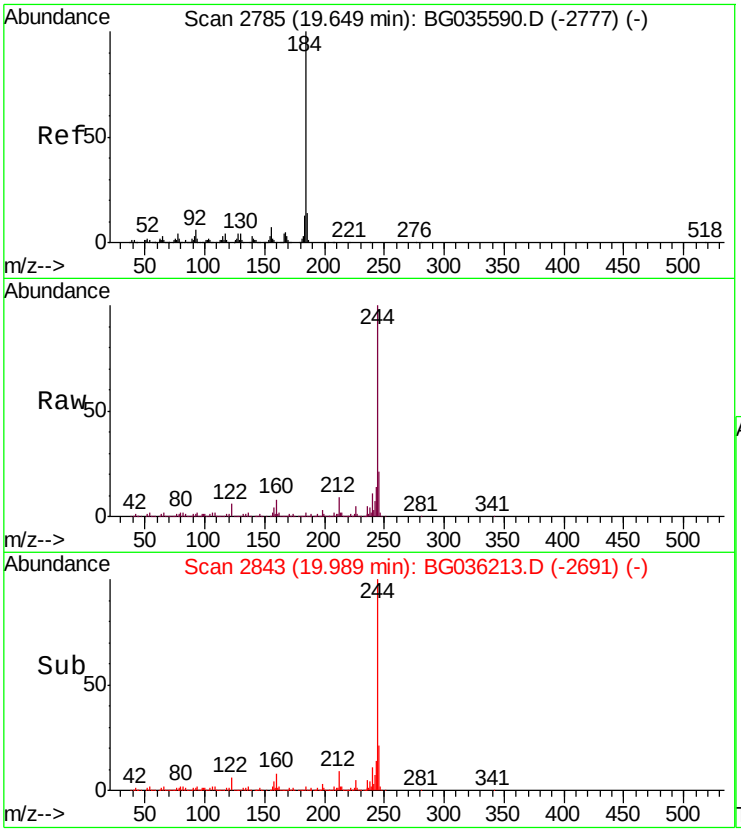


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Tgt Ion:240 Resp: 206444

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	25.3	20.9	31.3



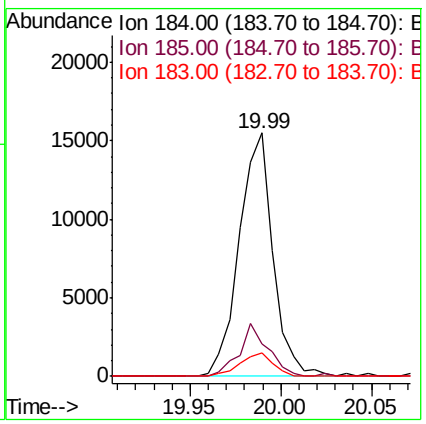


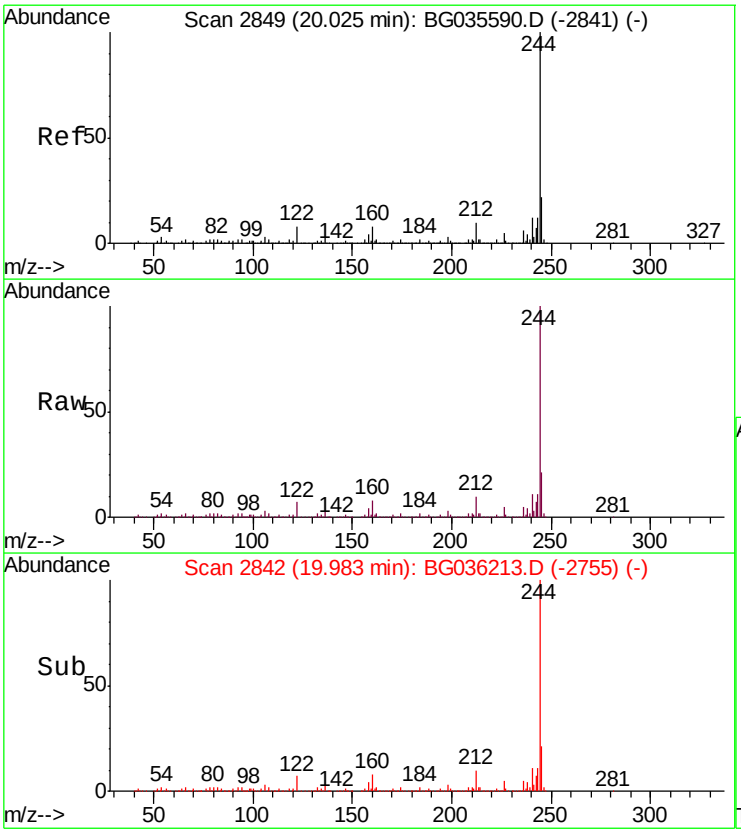
#76
Benzidine
Concen: 3.694 ng
RT: 19.99 min Scan# 2843
Delta R.T. 0.36 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 20048

Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.1	16.7
183	9.6	10.6	16.0#

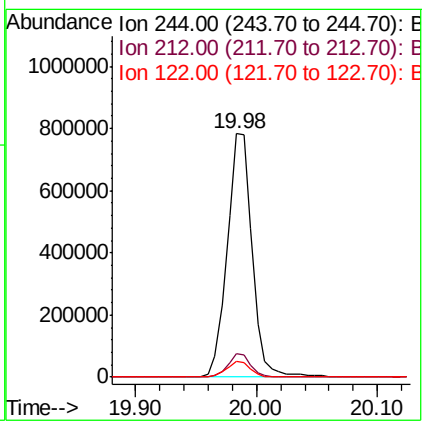


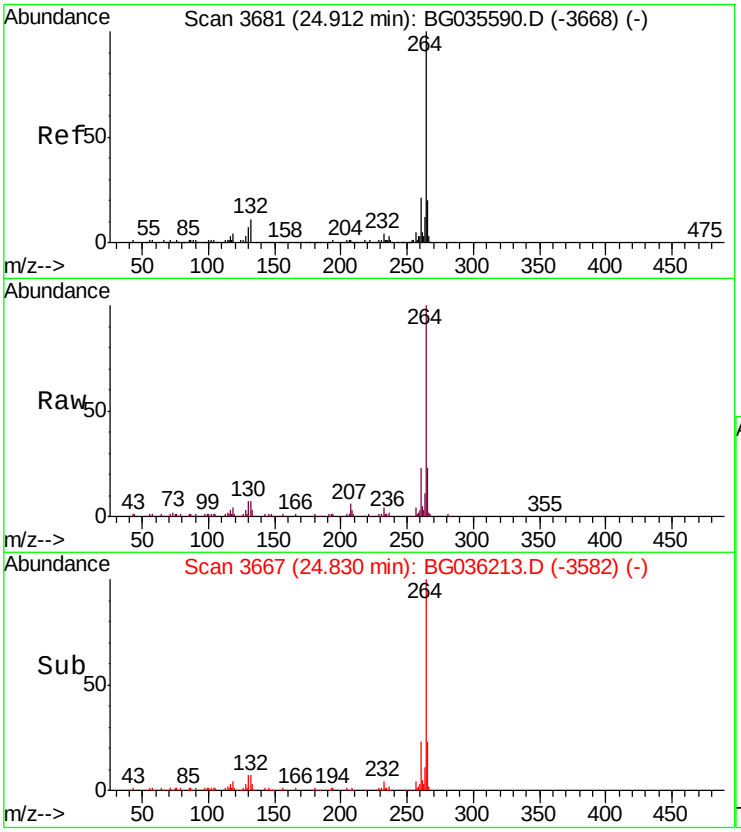


#78
Terphenyl-d14
Concen: 120.187 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Tgt Ion:244 Resp: 1125610

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	6.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3667
Delta R.T. -0.03 min
Lab File: BG036213.D
Acq: 9 Aug 2018 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 188226

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	23.0	17.7	26.5