Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
Data File : BG036068.D
Acq On : 2 Aug 2018 20:05
Operator : JU/SJ
Sample : J3826-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-073118

Quant Time: Aug 03 01:10:39 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	32239	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	119105	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	84953	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	250746	20.00	ng		0.00
75) Chrysene-d12	21.65	240	280474	20.00	ng		0.00
86) Perylene-d12	24.85	264	250193	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	268373	138.21	ng		0.00
7) Phenol-d6	7.19	99	359998	124.26	ng		0.00
23) Nitrobenzene-d5	9.18	82	285940	100.29	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	159939	142.84	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	657879	103.75	ng		-0.01
78) Terphenyl-d14	20.00	244	1377505	108.26	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.18	70	40224	16.487	ng	#	64
31) Naphthalene	10.87	128	137427	22.150	ng		99
33) 4-Chloroaniline	10.87	127	18727	6.925	ng	#	36
50) 2,6-Dinitrotoluene	14.65	165	11982	7.905	ng	#	21
56) 2,4-Dinitrotoluene	14.65	165	11982	5.510	ng	#	19
76) Benzidine	20.00	184	24078	3.265	ng	#	90

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
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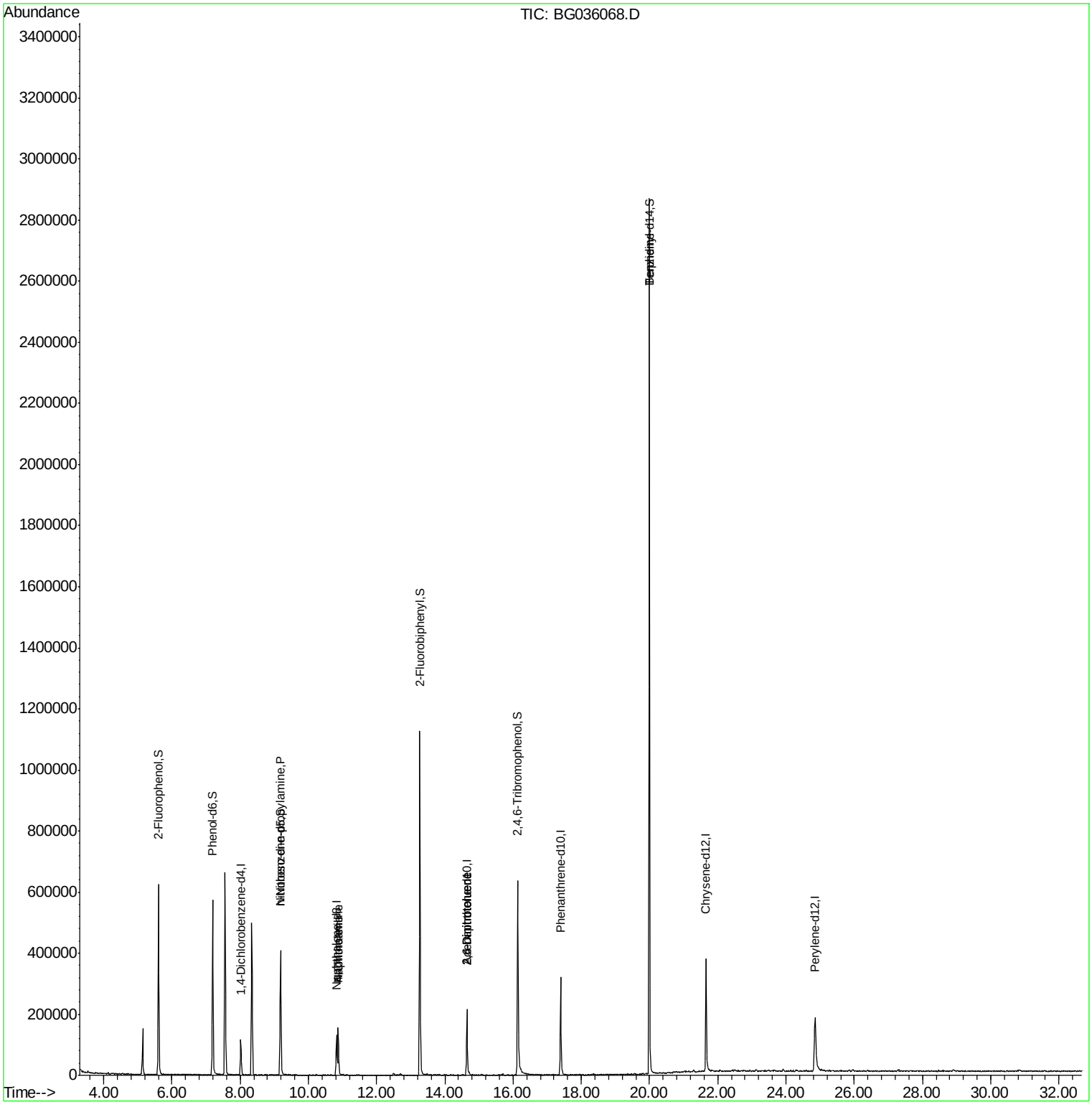
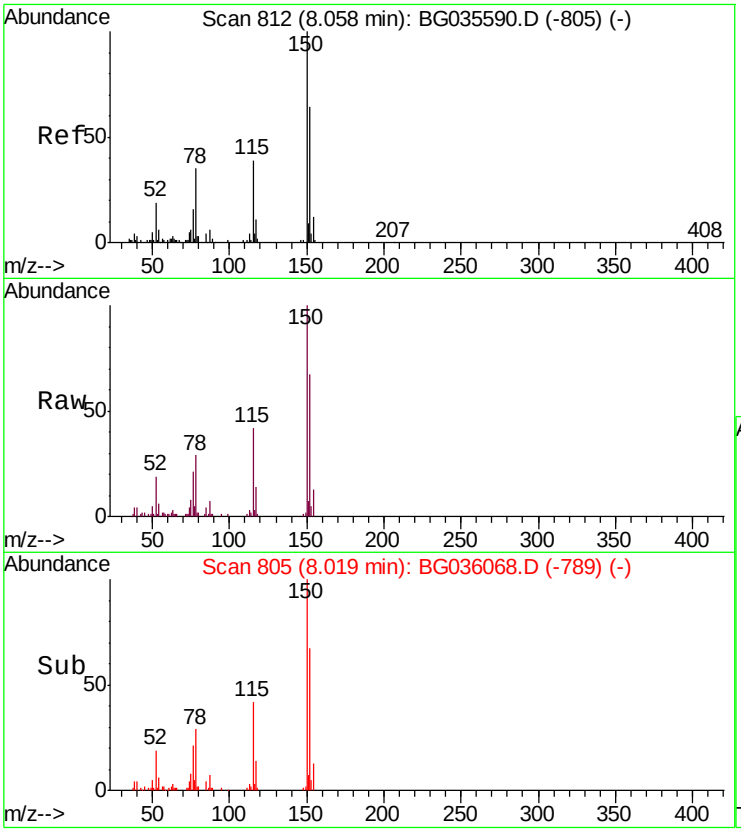


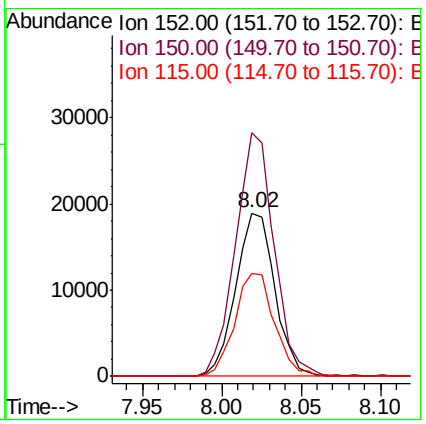


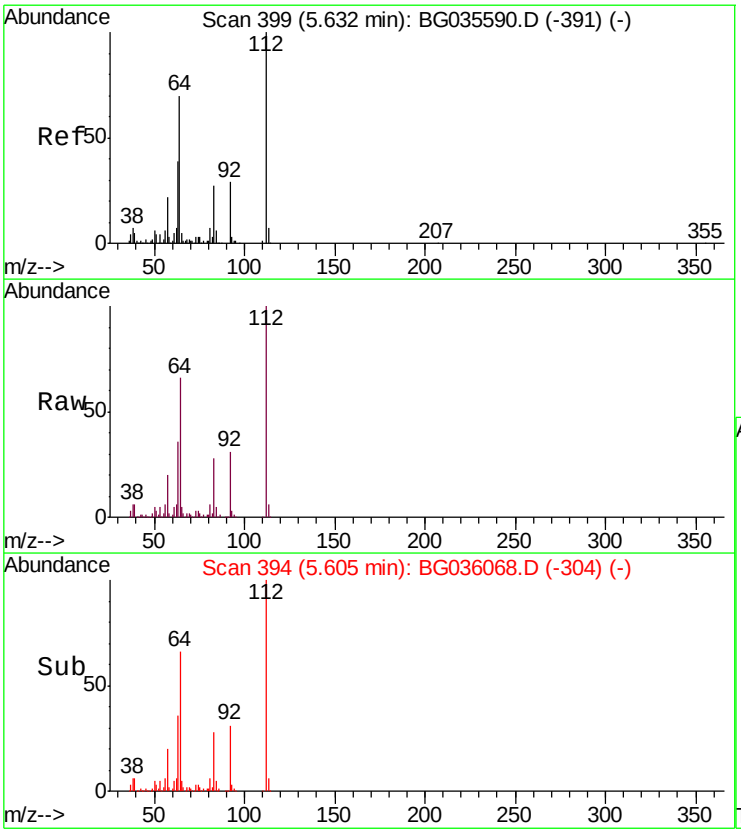
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion:152 Resp: 32239

Ion	Ratio	Lower	Upper
152	100		
150	149.3	126.6	189.8
115	62.9	53.0	79.4

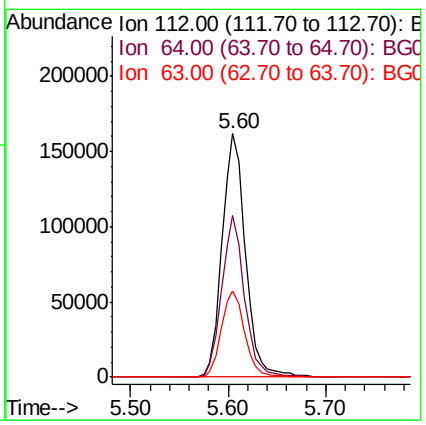


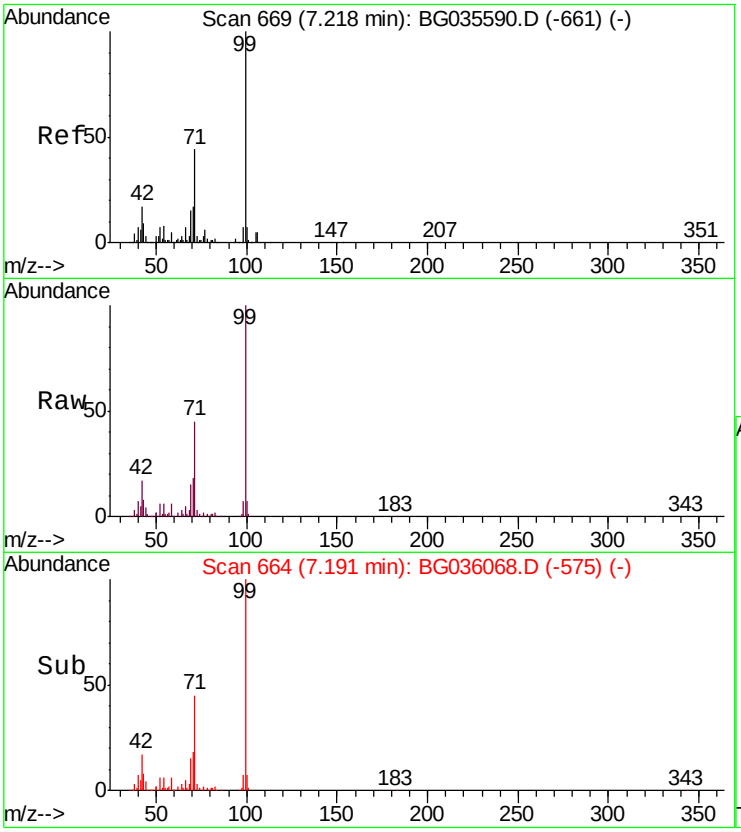


#5
2-Fluorophenol
Concen: 138.206 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Tgt Ion:112 Resp: 268373

Ion	Ratio	Lower	Upper
112	100		
64	66.4	56.3	84.5
63	35.6	30.1	45.1



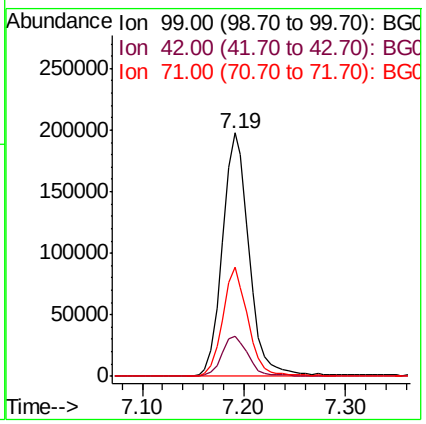


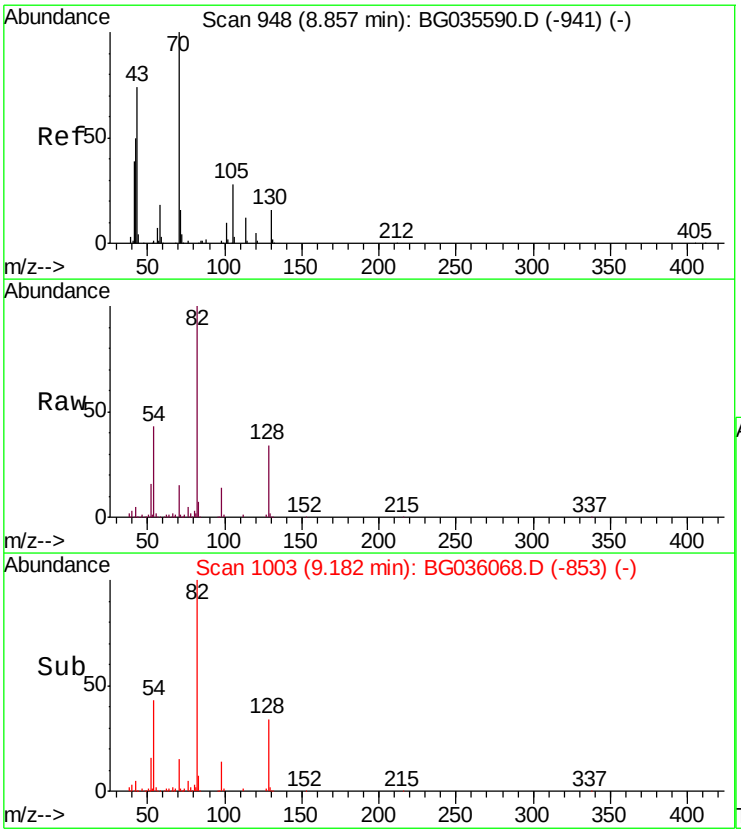
#7
Phenol-d6
Concen: 124.258 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion: 99 Resp: 359998

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.1	21.1
71	44.6	26.1	39.1#

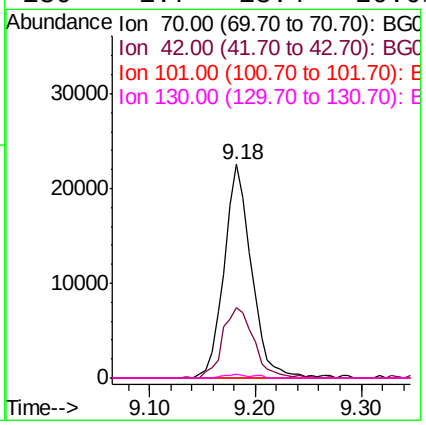


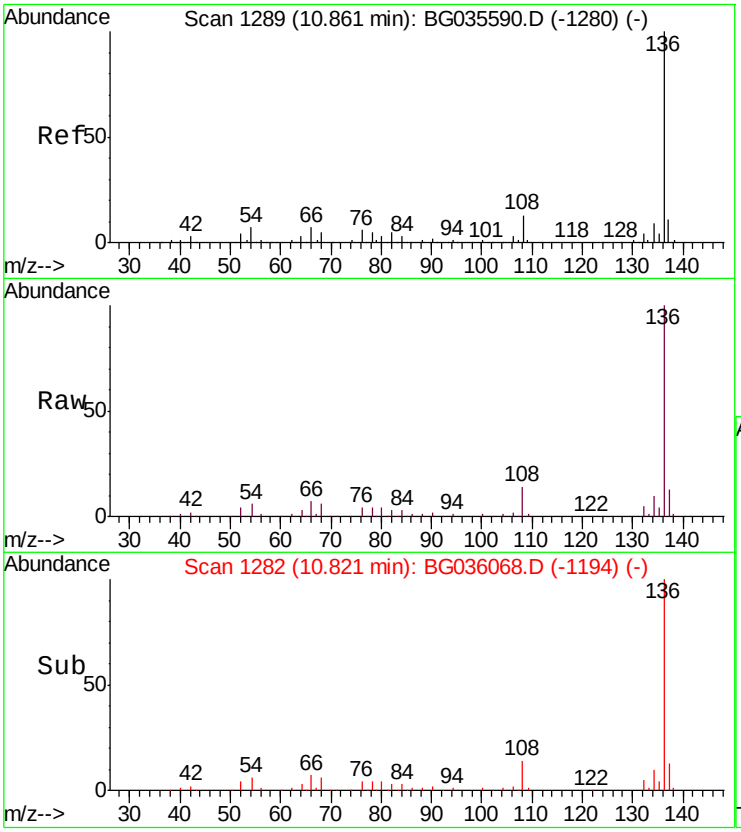


#19
n-Nitroso-di-n-propylamine
Concen: 16.487 ng
RT: 9.18 min Scan# 1003
Delta R.T. 0.35 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Tgt Ion: 70 Resp: 40224

Ion	Ratio	Lower	Upper
70	100		
42	32.8	49.1	73.7#
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#



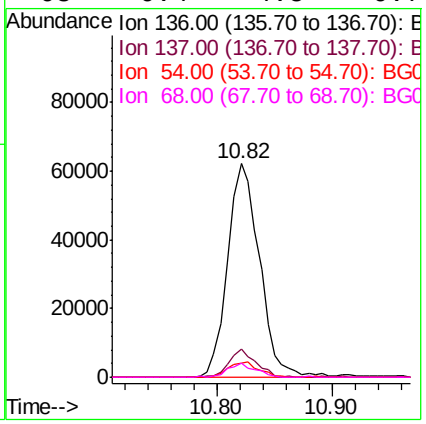


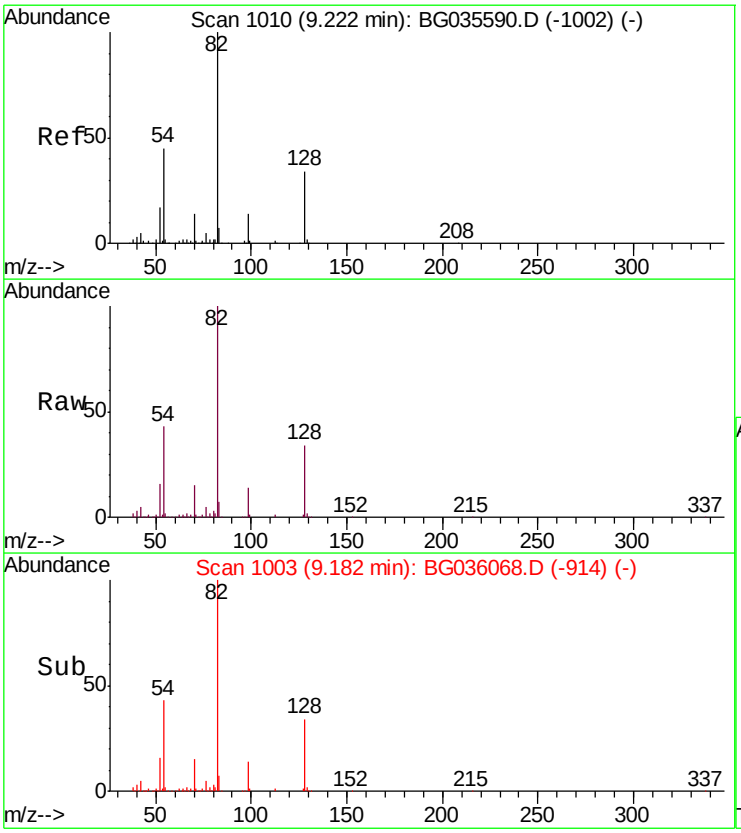
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion:136 Resp: 119105

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.2	13.8
54	6.5	10.3	15.5#
68	6.4	4.5	6.7

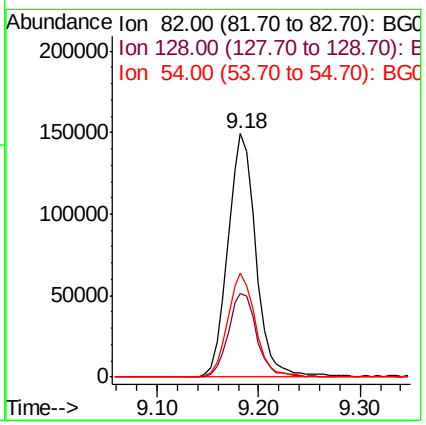


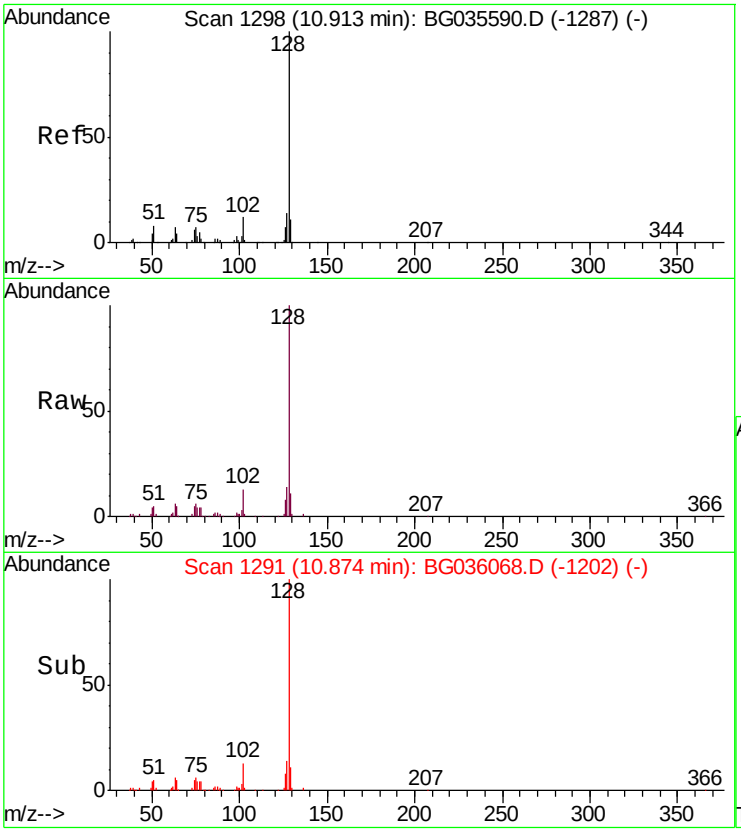


#23
Nitrobenzene-d5
Concen: 100.290 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Tgt Ion: 82 Resp: 285940

Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.7	44.5
54	43.0	43.1	64.7#



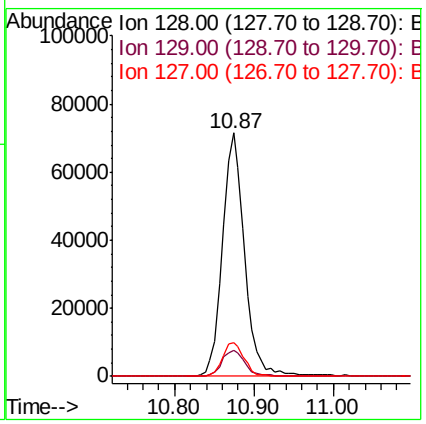


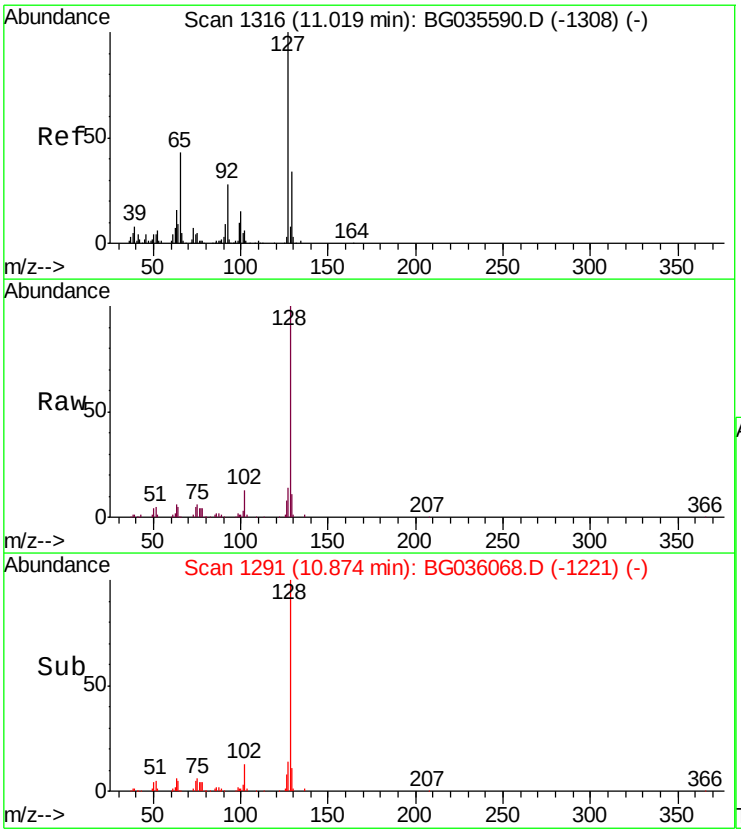
#31
Naphthalene
Concen: 22.150 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion:128 Resp: 137427

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.6	11.6	17.4

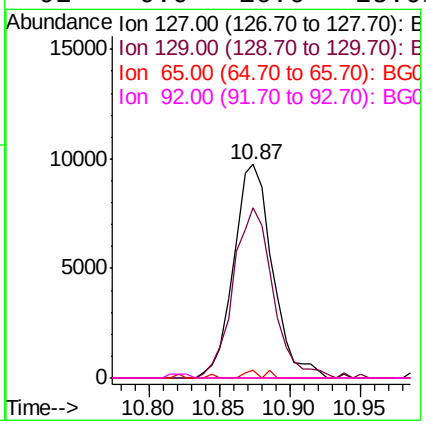


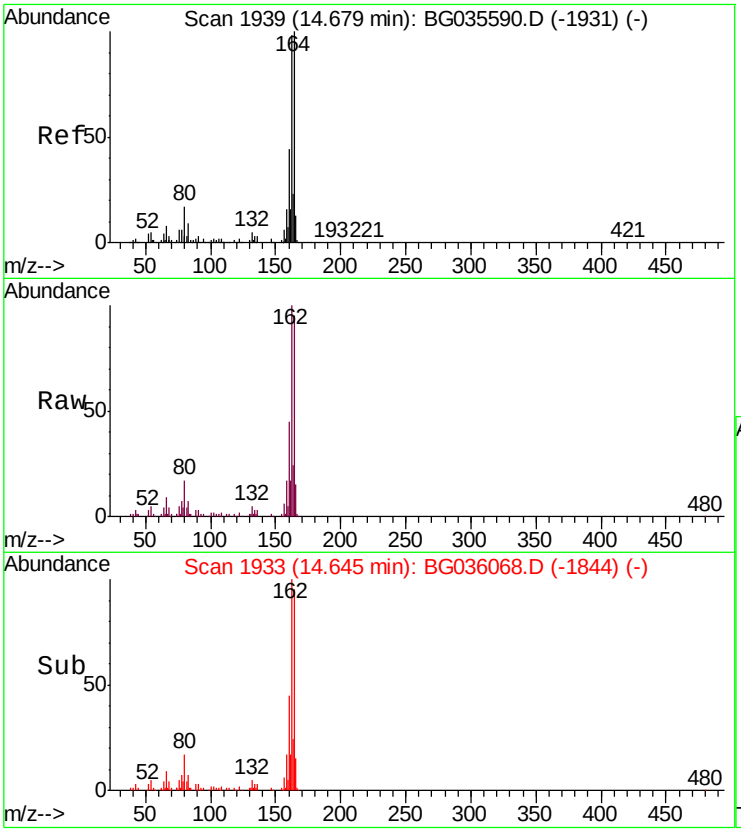


#33
4-Chloroaniline
Concen: 6.925 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.12 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Tgt Ion:127 Resp: 18727

Ion	Ratio	Lower	Upper
127	100		
129	79.5	24.0	36.0#
65	3.9	27.0	40.4#
92	0.0	16.6	25.0#



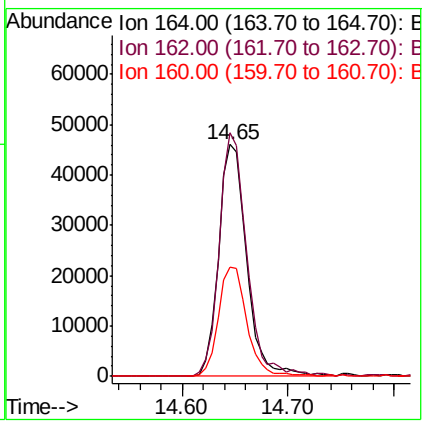


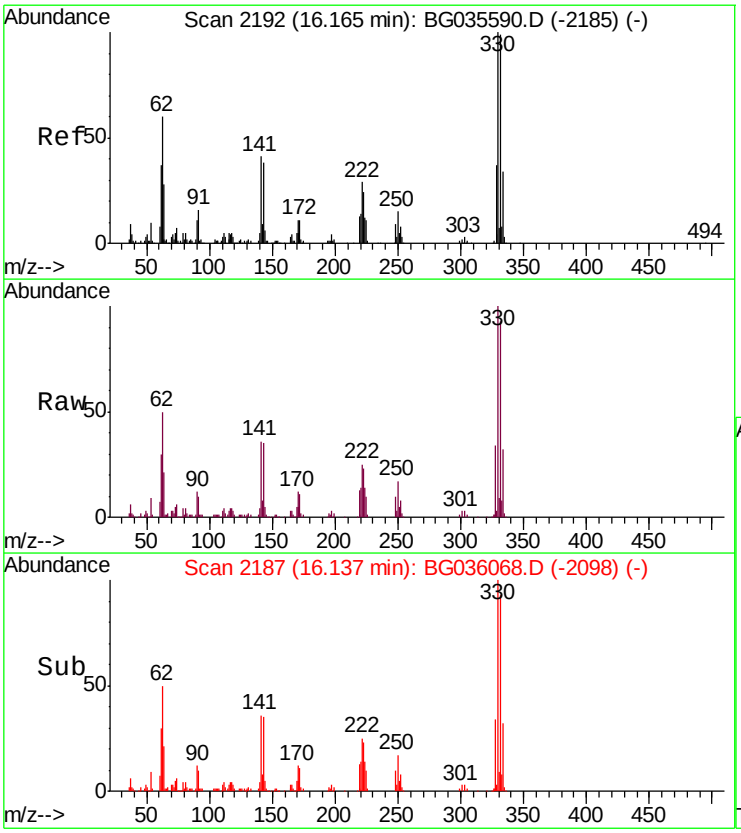
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion:164 Resp: 84953

Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	46.9	35.4	53.0

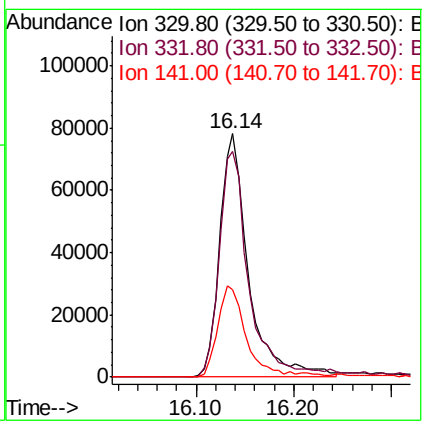


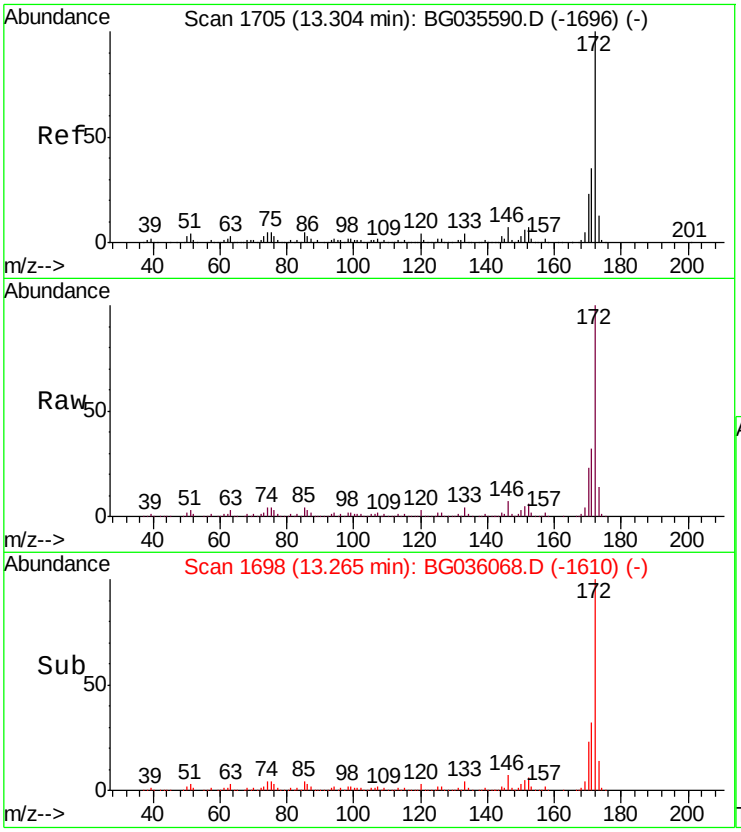


#41
2,4,6-Tribromophenol
Concen: 142.836 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Tgt Ion:330 Resp: 159939

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	37.9	25.2	37.8#



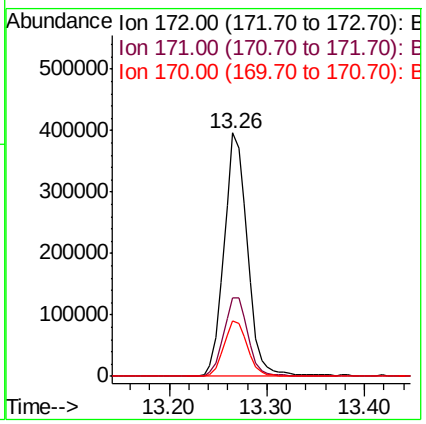


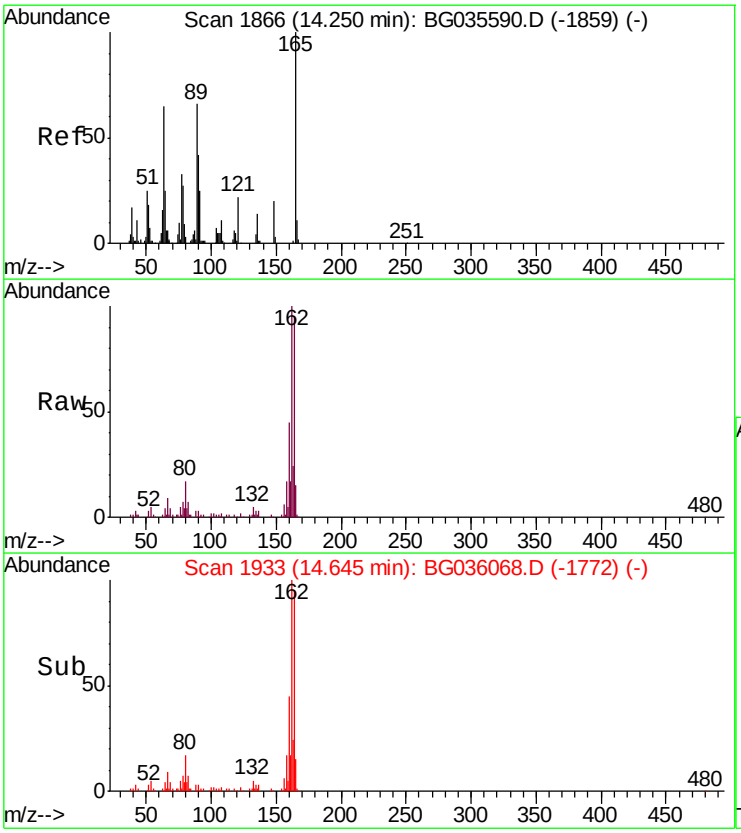
#44
2-Fluorobiphenyl
Concen: 103.750 ng
RT: 13.26 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion:172 Resp: 657879

Ion	Ratio	Lower	Upper
172	100		
171	32.4	30.0	45.0
170	22.6	19.5	29.3

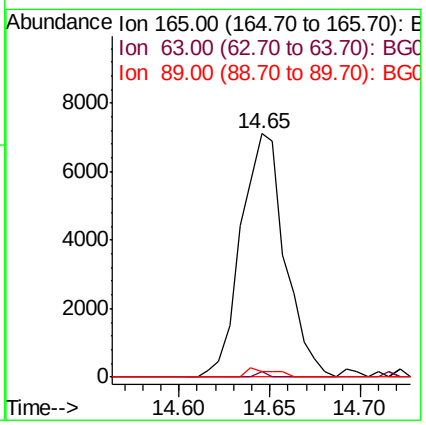


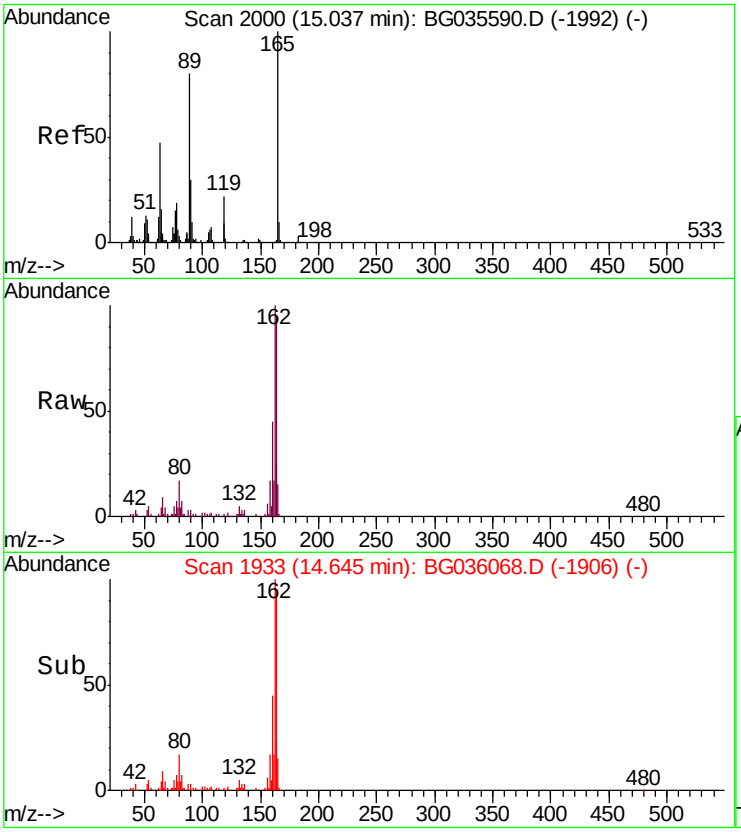


#50
2,6-Dinitrotoluene
Concen: 7.905 ng
RT: 14.65 min Scan# 1933
Delta R.T. 0.42 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Tgt Ion:165 Resp: 11982

Ion	Ratio	Lower	Upper
165	100		
63	2.3	52.7	79.1#
89	2.3	49.2	73.8#



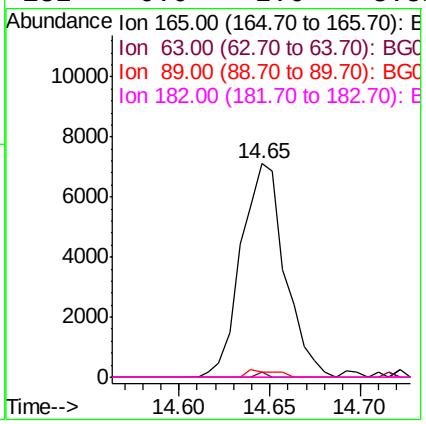


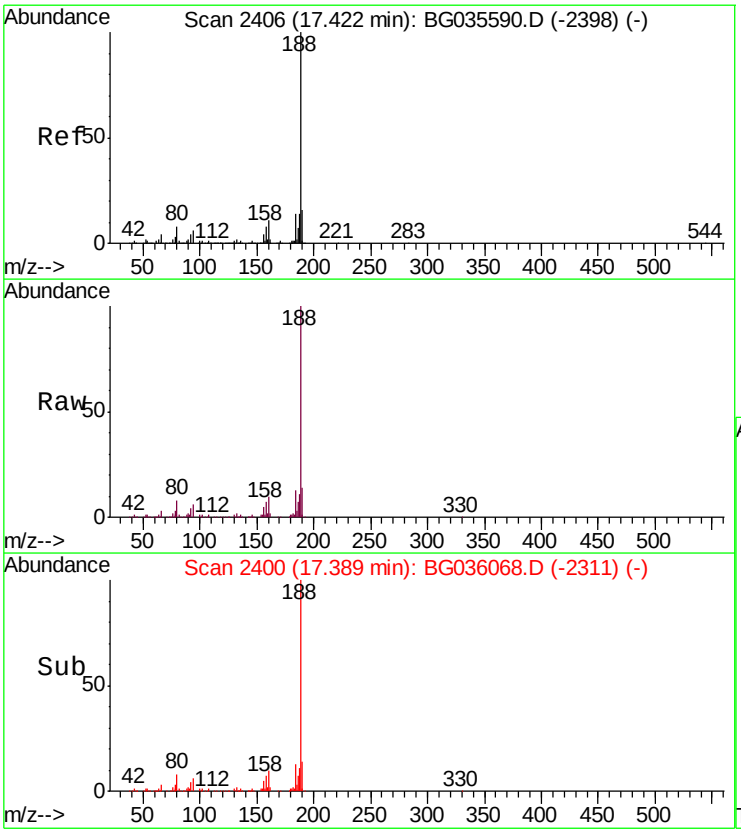
#56
2,4-Dinitrotoluene
Concen: 5.510 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.37 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion:165 Resp: 11982

Ion	Ratio	Lower	Upper
165	100		
63	2.3	42.0	63.0#
89	2.3	66.9	100.3#
182	0.0	2.6	3.8#

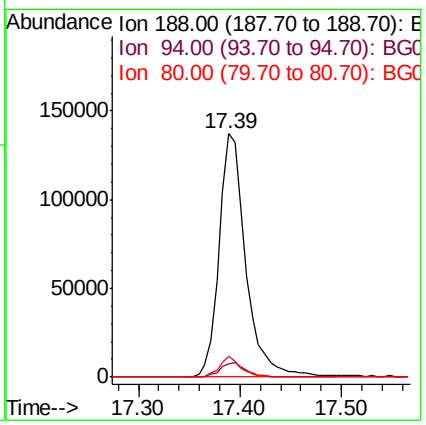


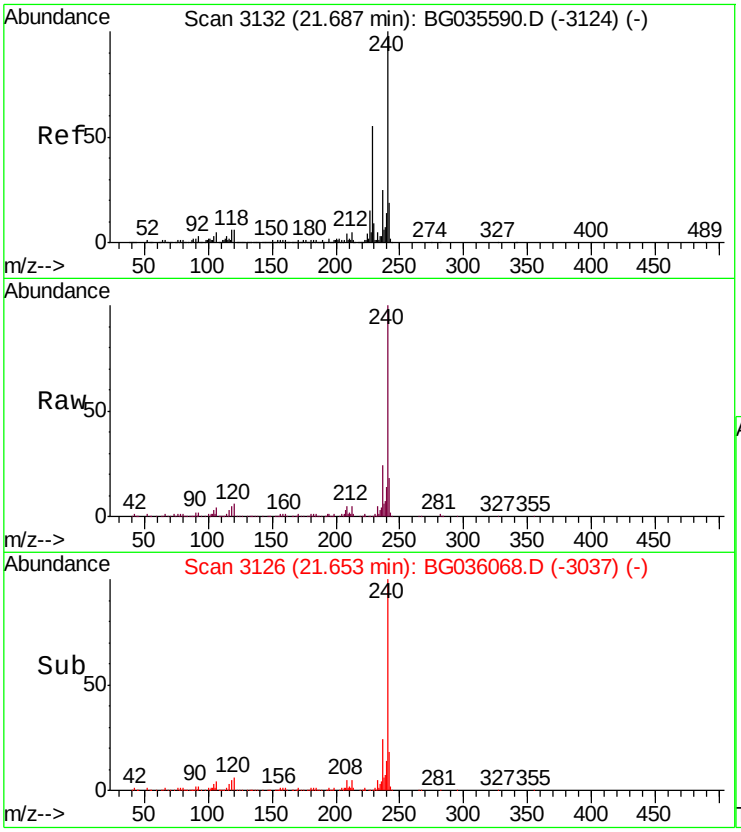


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Tgt Ion:188 Resp: 250746

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	8.4	7.7	11.5



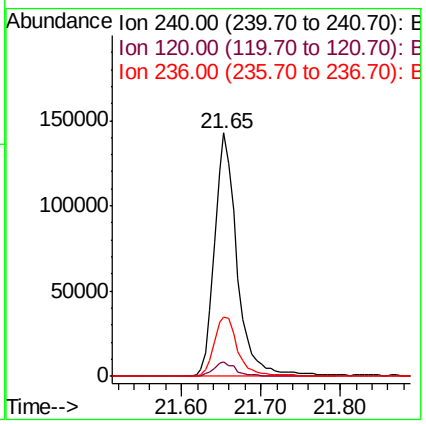


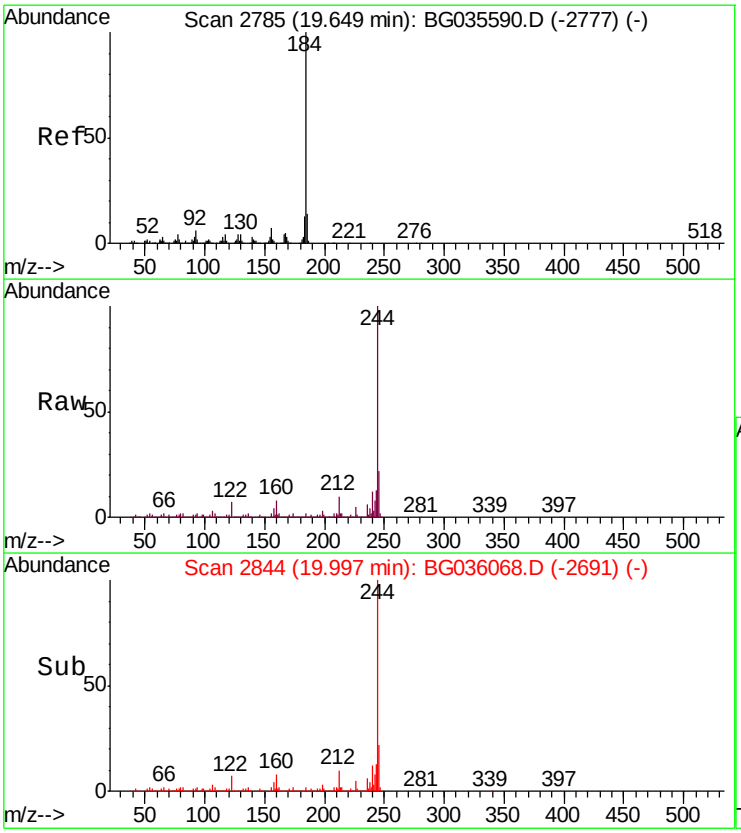
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion:240 Resp: 280474

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	24.2	20.9	31.3

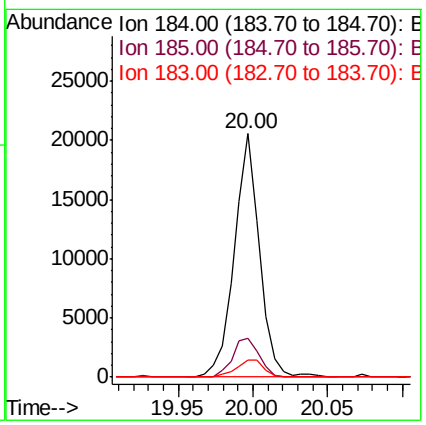


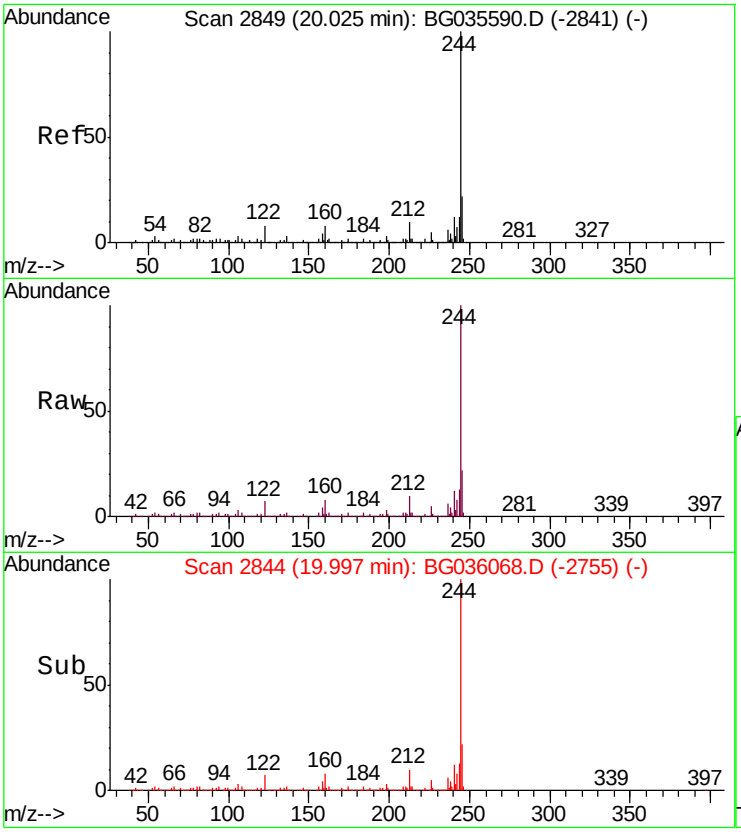


#76
Benzidine
Concen: 3.265 ng
RT: 20.00 min Scan# 2844
Delta R.T. 0.37 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Tgt Ion:184 Resp: 24078

Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.1	16.7
183	7.2	10.6	16.0#



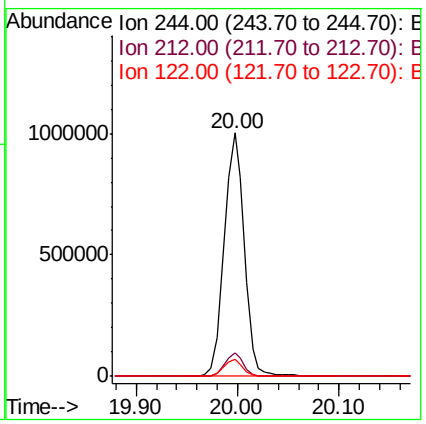


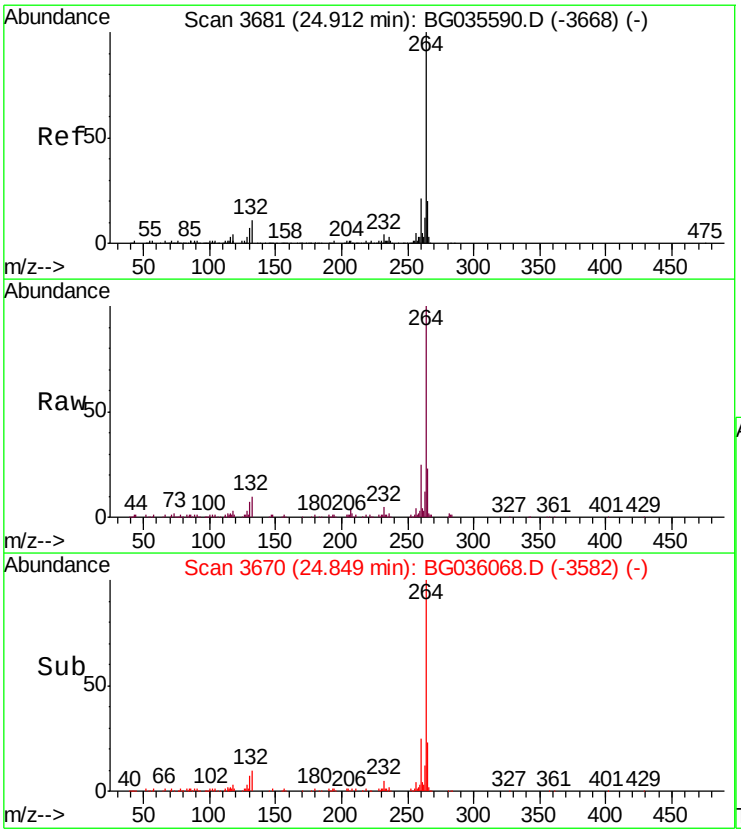
#78
Terphenyl-d14
Concen: 108.261 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Instrument :
BNA_G
ClientSampleId :
OK-03-073118

Tgt Ion:244 Resp: 1377505

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: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG036068.D
Acq: 2 Aug 2018 20:05

Tgt Ion:264 Resp: 250193

Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	22.6	17.7	26.5