Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
Data File : BG036761.D
Acq On : 17 Sep 2018 19:21
Operator : JU/SJ
Sample : J4773-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 18 01:46:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	66998	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	253813	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	161798	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	414476	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	431374	20.00	ng	-0.02
86) Perylene-d12	24.89	264	419748	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	421843	99.88	ng	0.00
7) Phenol-d6	7.21	99	527189	87.18	ng	-0.01
23) Nitrobenzene-d5	9.21	82	398301	85.14	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	247327	128.11	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	872526	77.00	ng	-0.01
78) Terphenyl-d14	20.02	244	1492198	80.85	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	52604	11.640	ng	# 71
32) Benzoic acid	10.60	122	56	4.498	ng	# 1
50) 2,6-Dinitrotoluene	14.67	165	20029	7.367	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	20029	5.653	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	17276	3.560	ng	# 1

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

Quantitation Report (Not Reviewed)

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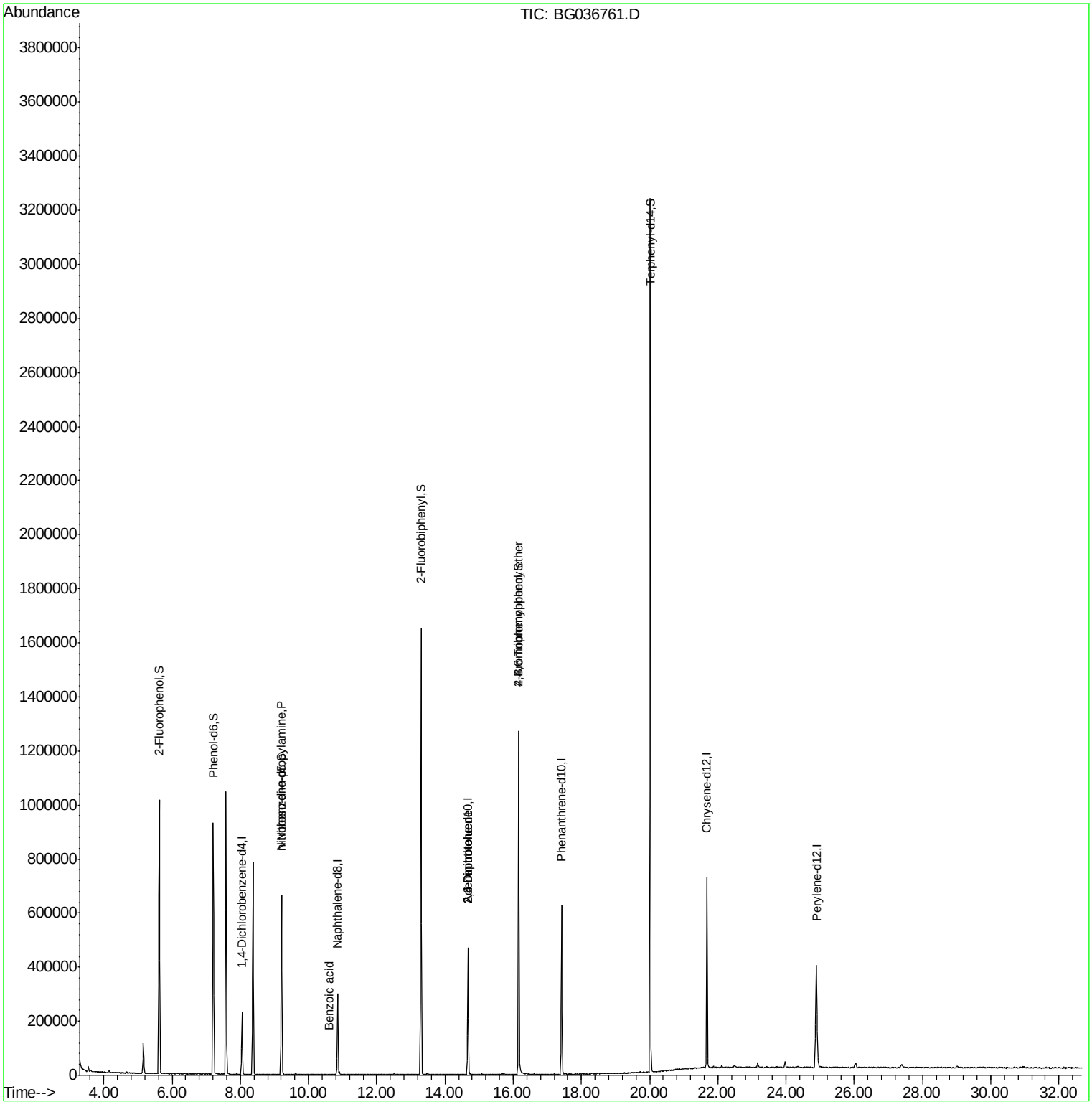
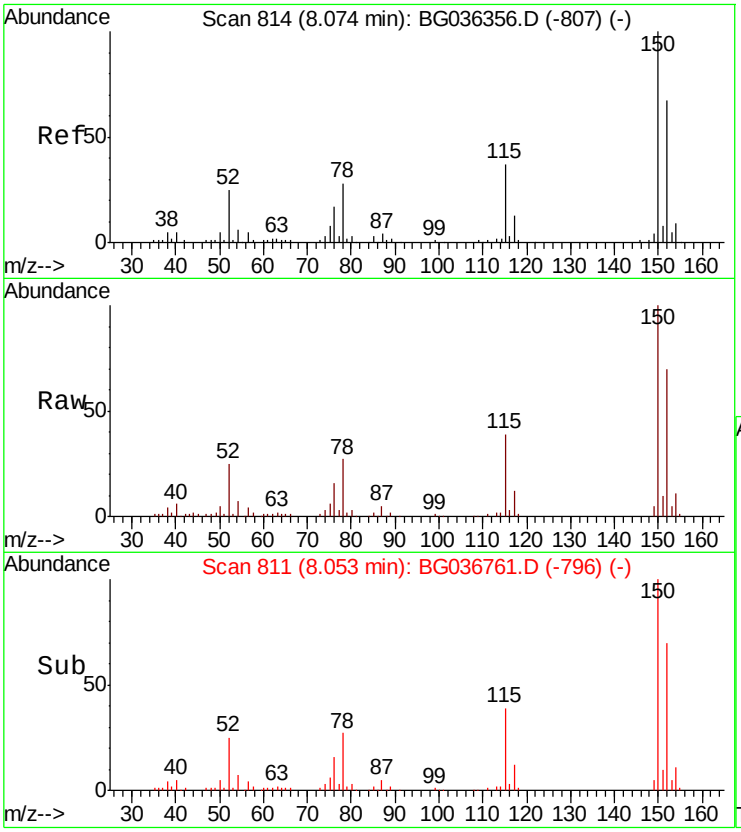


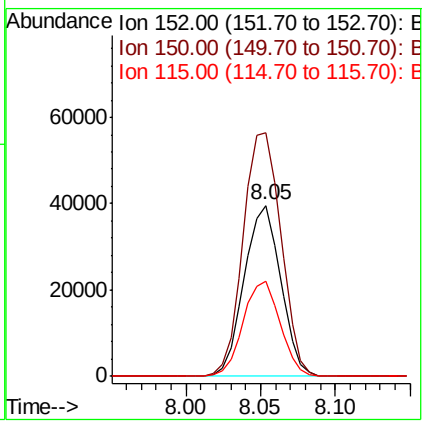


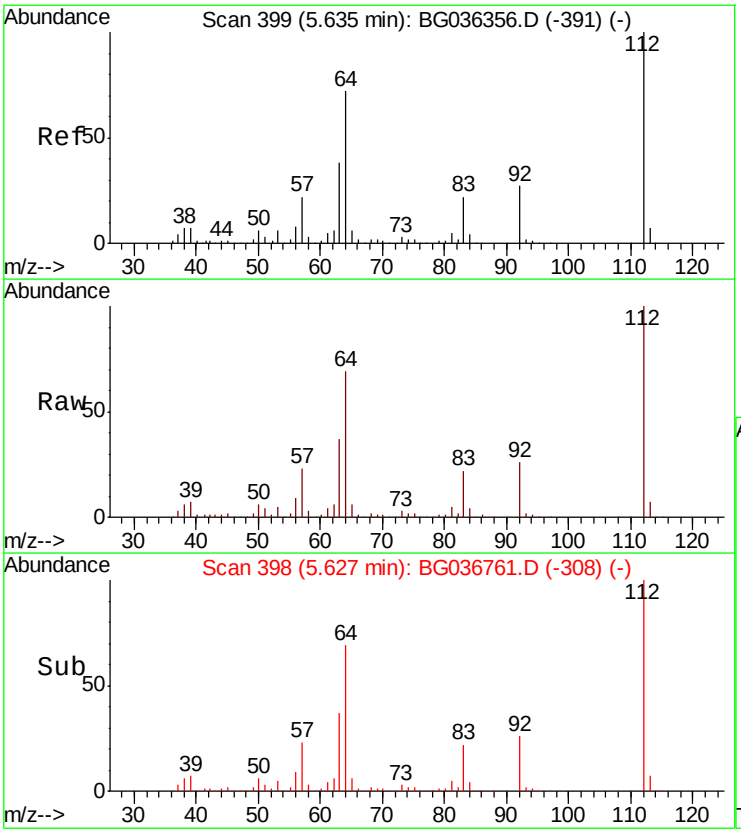
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 66998

Ion	Ratio	Lower	Upper
152	100		
150	142.5	119.5	179.3
115	55.5	44.5	66.7

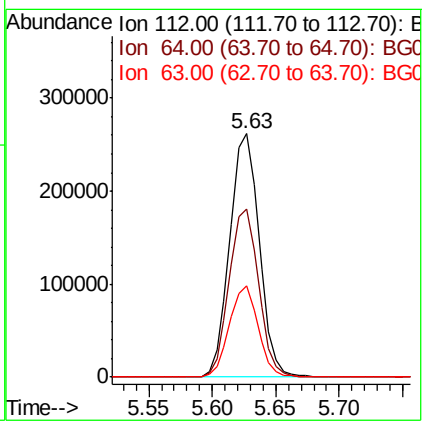


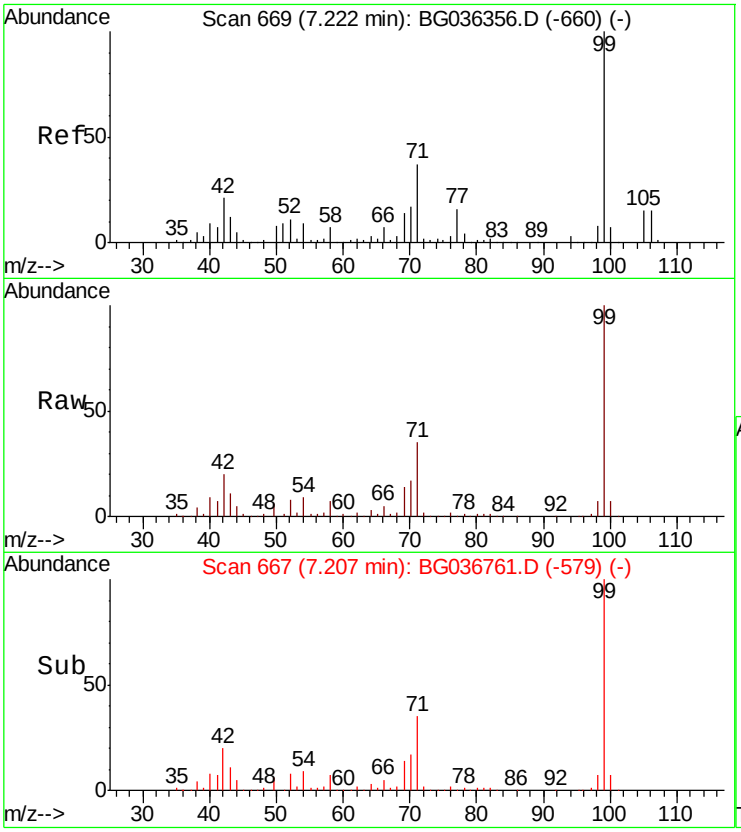


#5
2-Fluorophenol
Concen: 99.879 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Tgt Ion:112 Resp: 421843

Ion	Ratio	Lower	Upper
112	100		
64	68.9	57.2	85.8
63	37.3	30.8	46.2



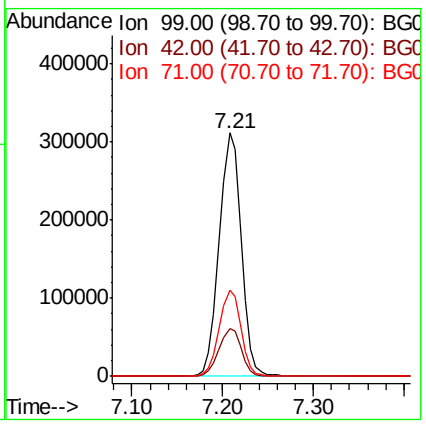


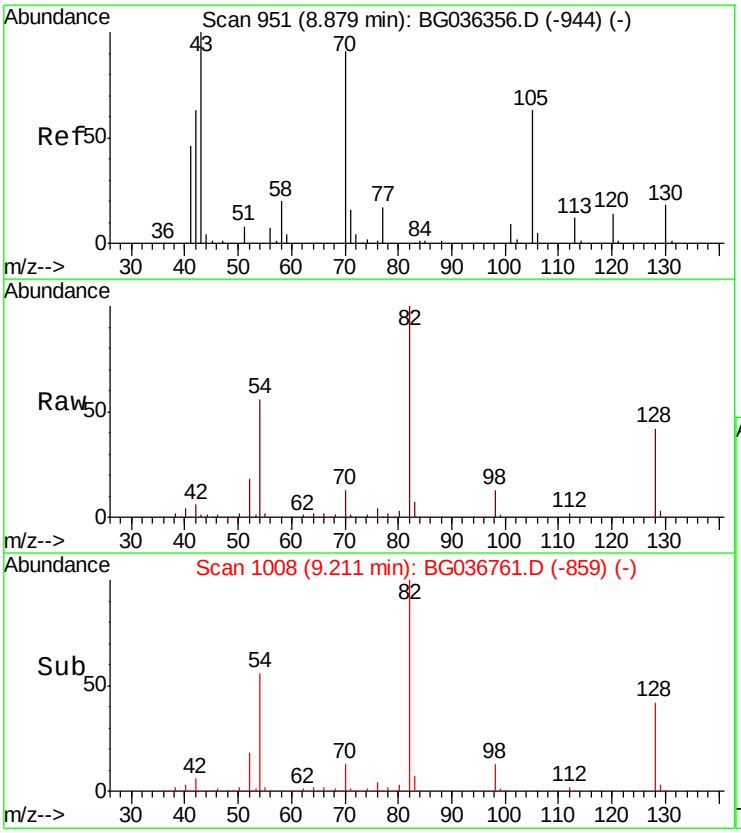
#7
Phenol-d6
Concen: 87.181 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 527189

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.5	24.7
71	35.1	29.4	44.2

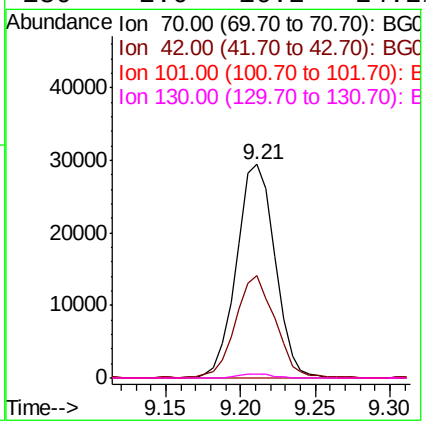


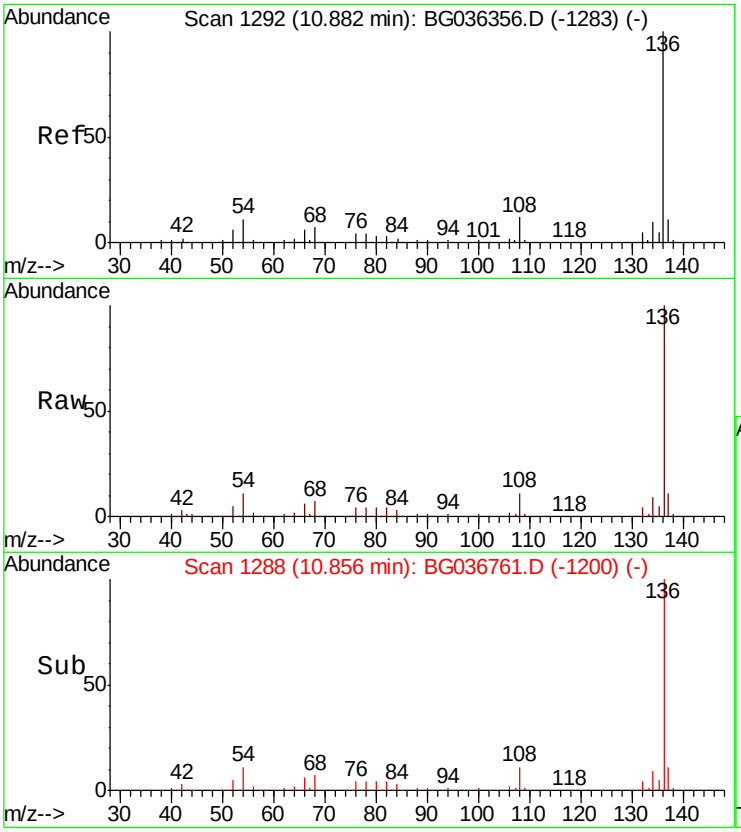


#19
n-Nitroso-di-n-propylamine
Concen: 11.640 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.35 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Tgt Ion: 70 Resp: 52604

Ion	Ratio	Lower	Upper
70	100		
42	48.1	56.2	84.4#
101	0.0	7.8	11.6#
130	2.0	16.2	24.2#



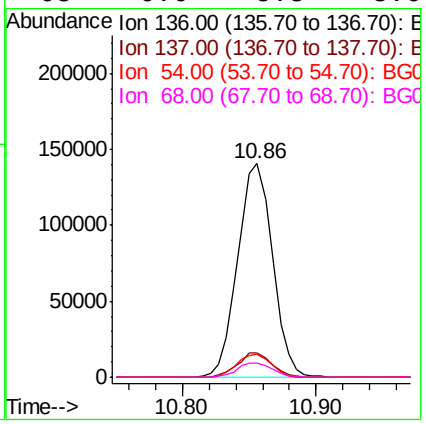


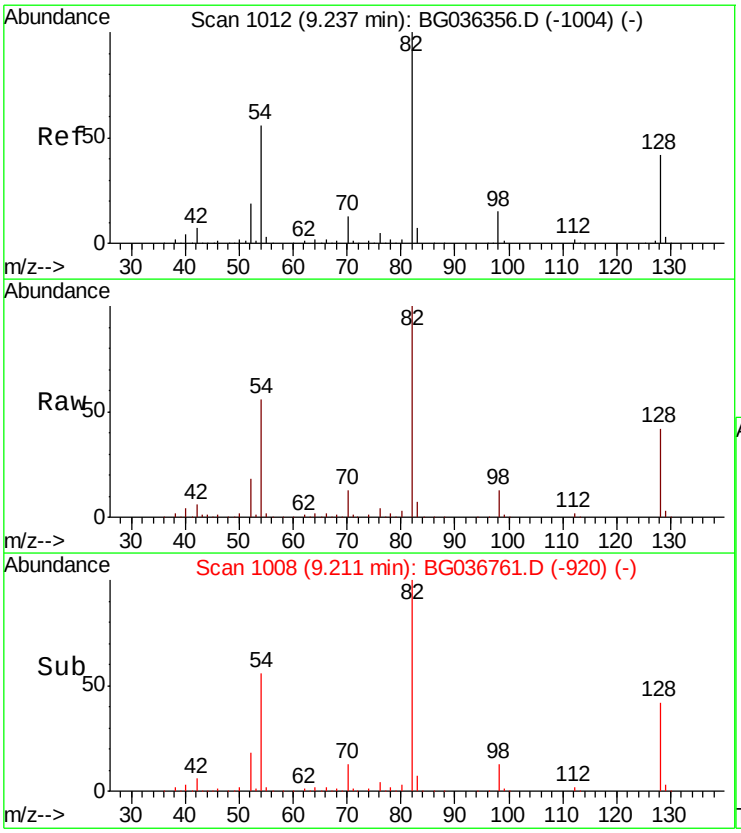
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 253813

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.6	9.2	13.8
68	6.6	5.8	8.6

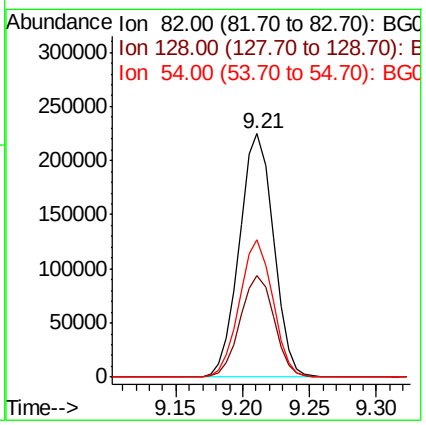


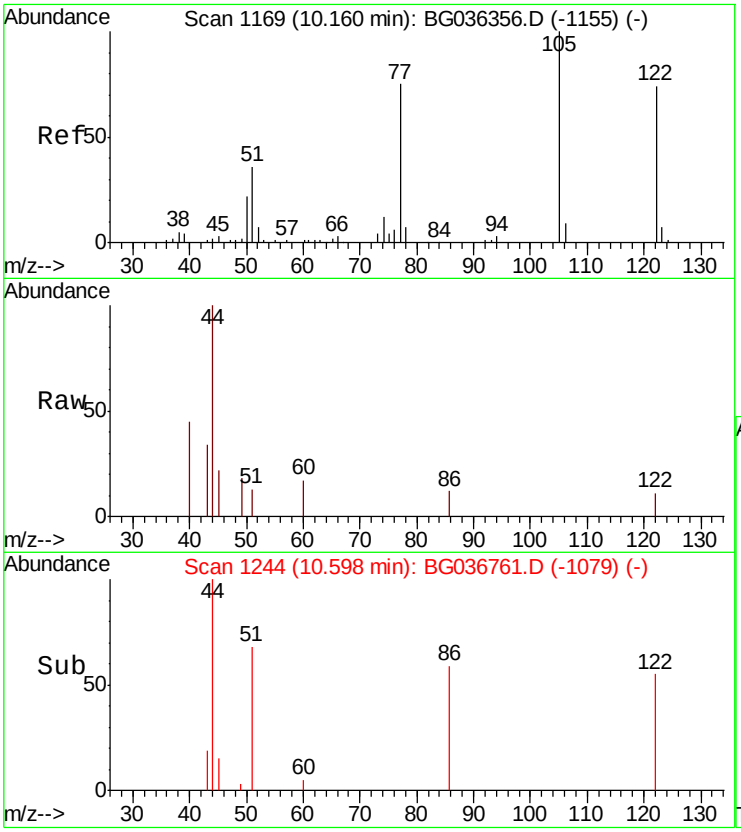


#23
Nitrobenzene-d5
Concen: 85.143 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Tgt Ion: 82 Resp: 398301

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	56.2	45.1	67.7



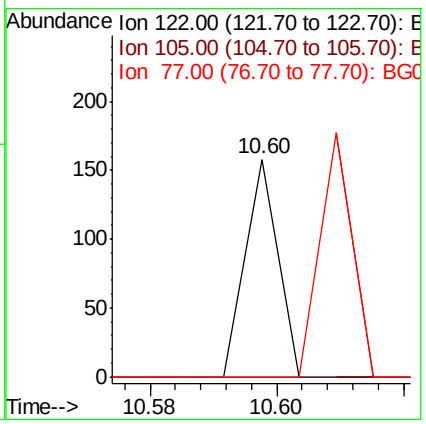


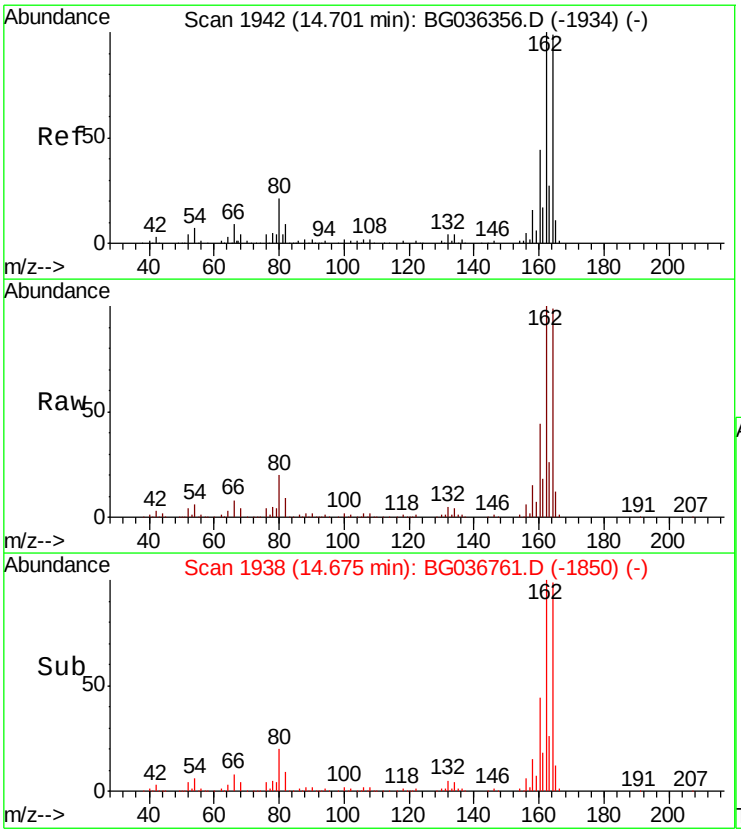
#32
Benzoic acid
Concen: 4.498 ng
RT: 10.60 min Scan# 1244
Delta R.T. 0.44 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.1	148.1#
77	0.0	76.3	116.3#

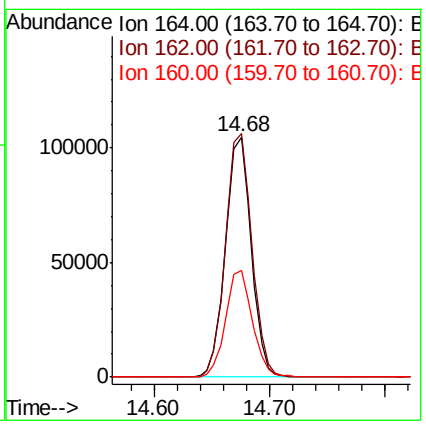


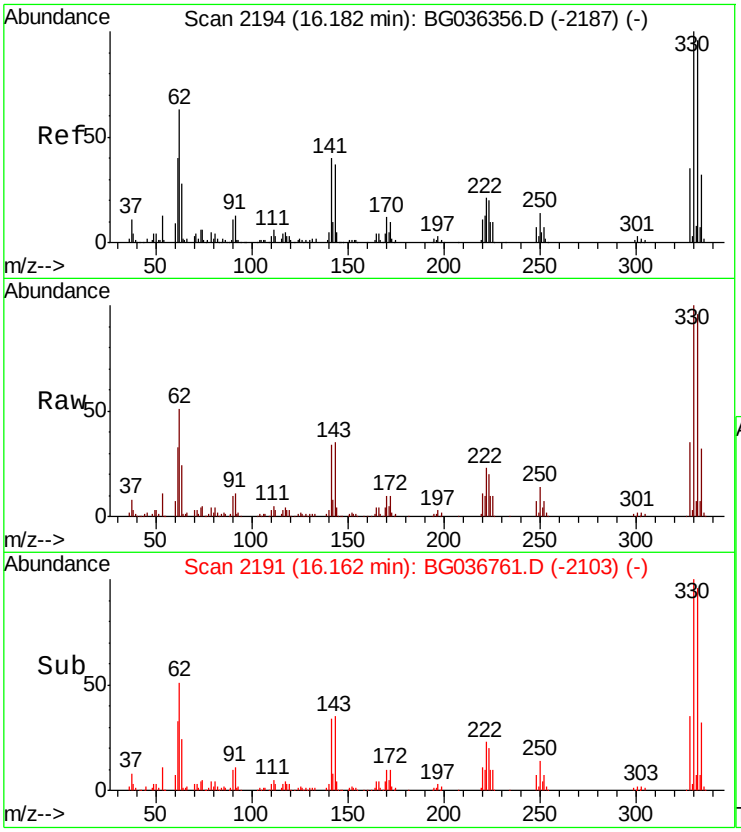


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Tgt Ion:164 Resp: 161798

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.7	121.1
160	44.6	35.3	52.9



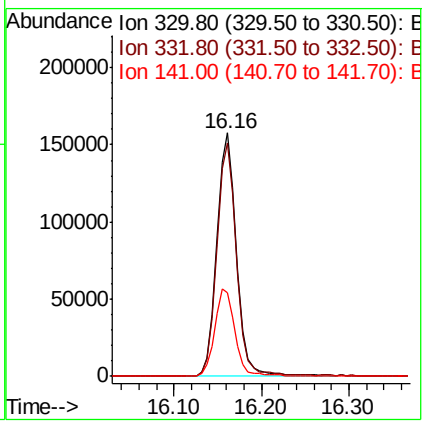


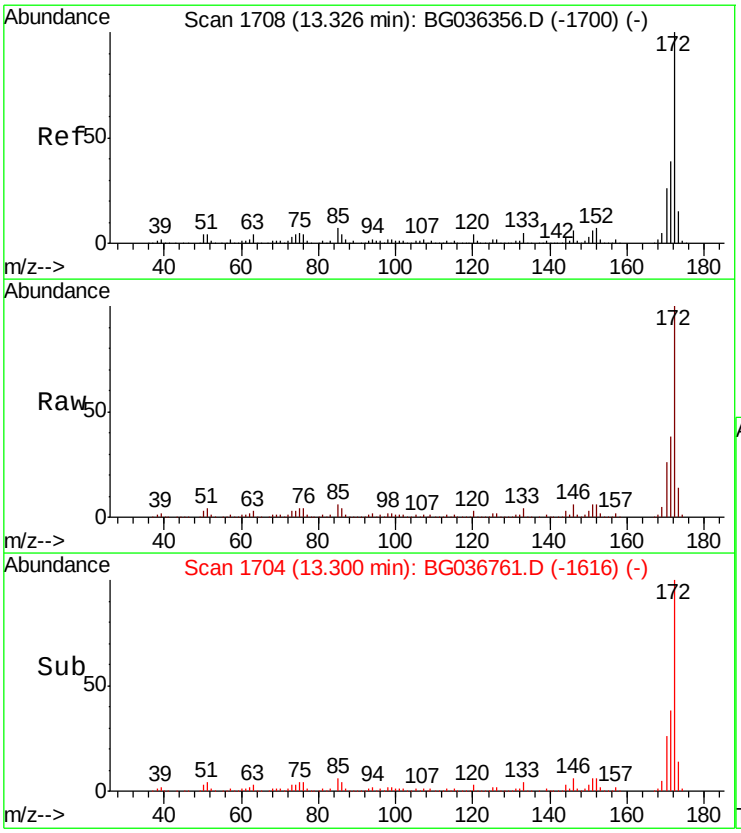
#41
2,4,6-Tribromophenol
Concen: 128.108 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 247327

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.2
141	36.9	30.7	46.1

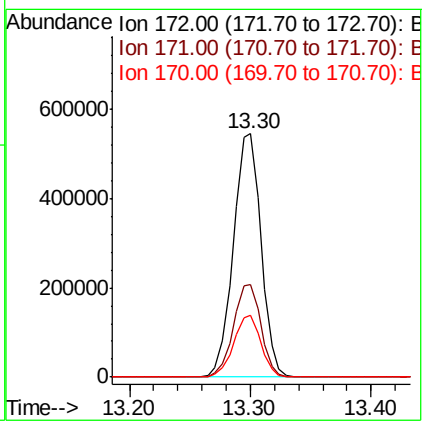


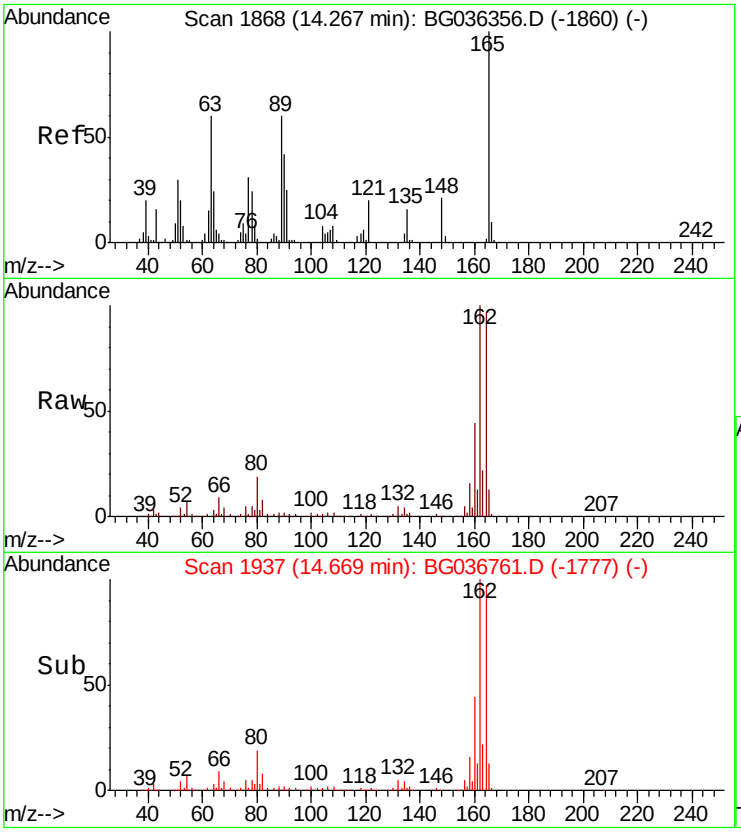


#44
2-Fluorobiphenyl
Concen: 76.998 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Tgt Ion:172 Resp: 872526

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.5	21.0	31.6



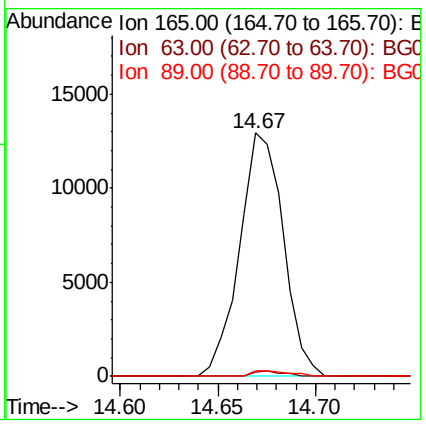


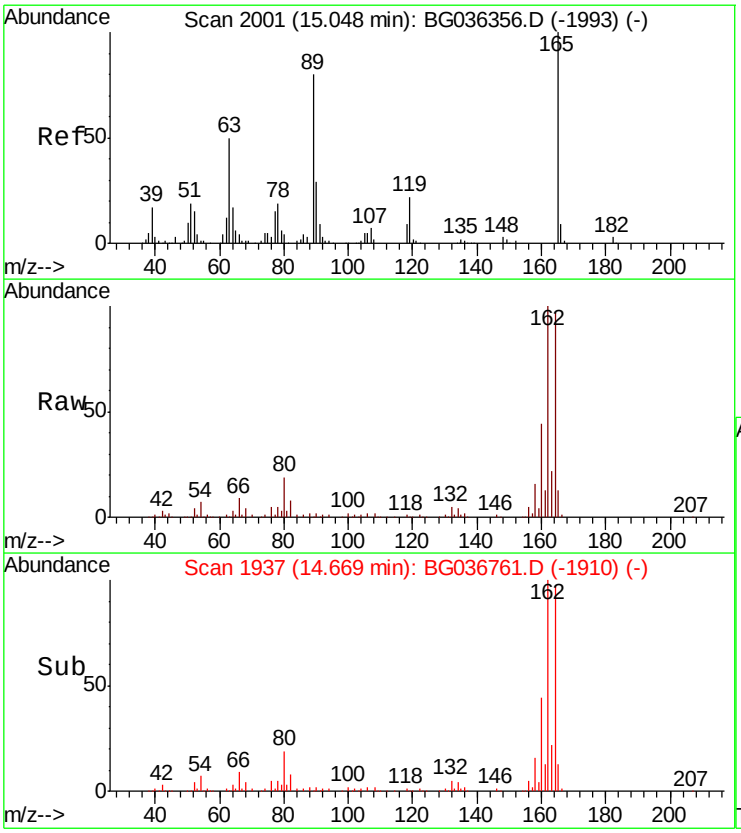
#50
2,6-Dinitrotoluene
Concen: 7.367 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.41 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20029

Ion	Ratio	Lower	Upper
165	100		
63	1.9	50.1	75.1#
89	2.1	47.8	71.6#

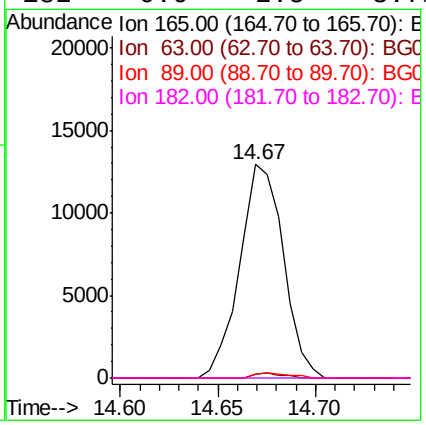


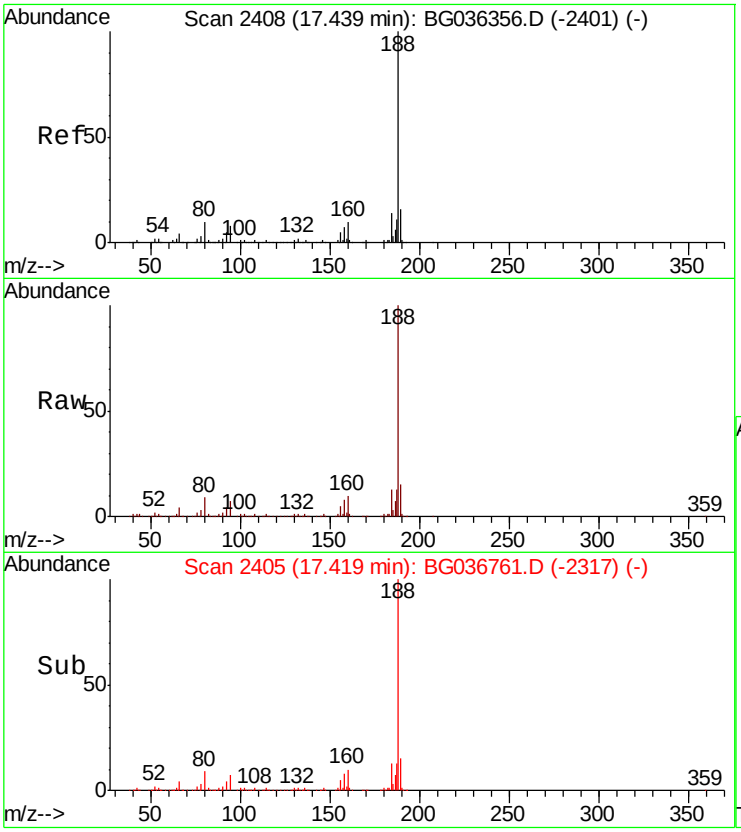


#56
2,4-Dinitrotoluene
Concen: 5.653 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.37 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Tgt Ion:165 Resp: 20029

Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#



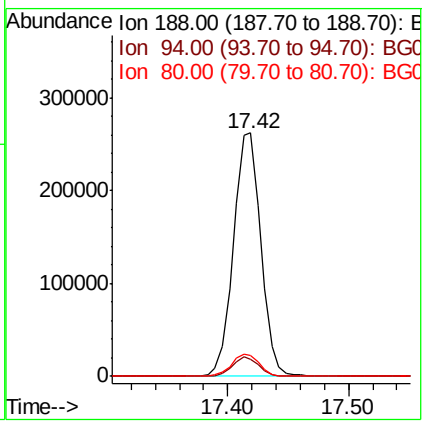


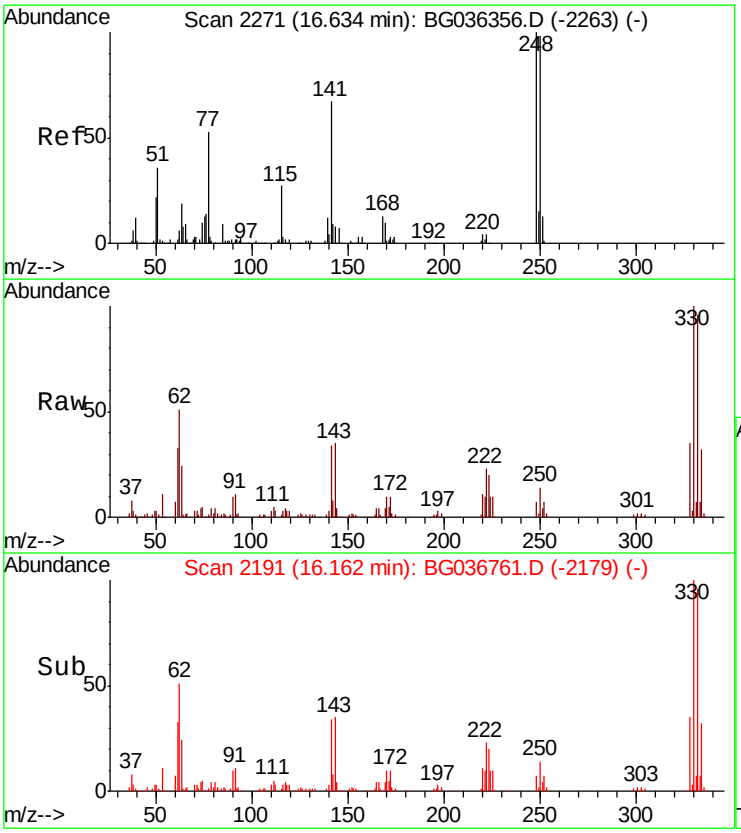
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 414476

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.7	10.1
80	8.6	8.1	12.1

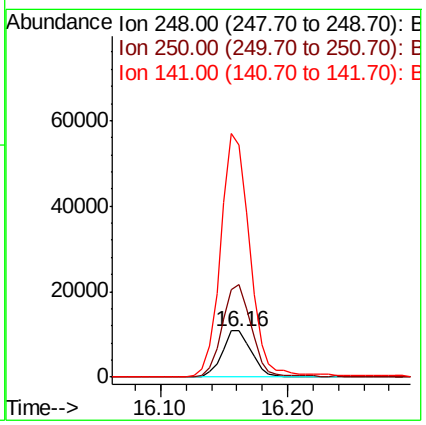


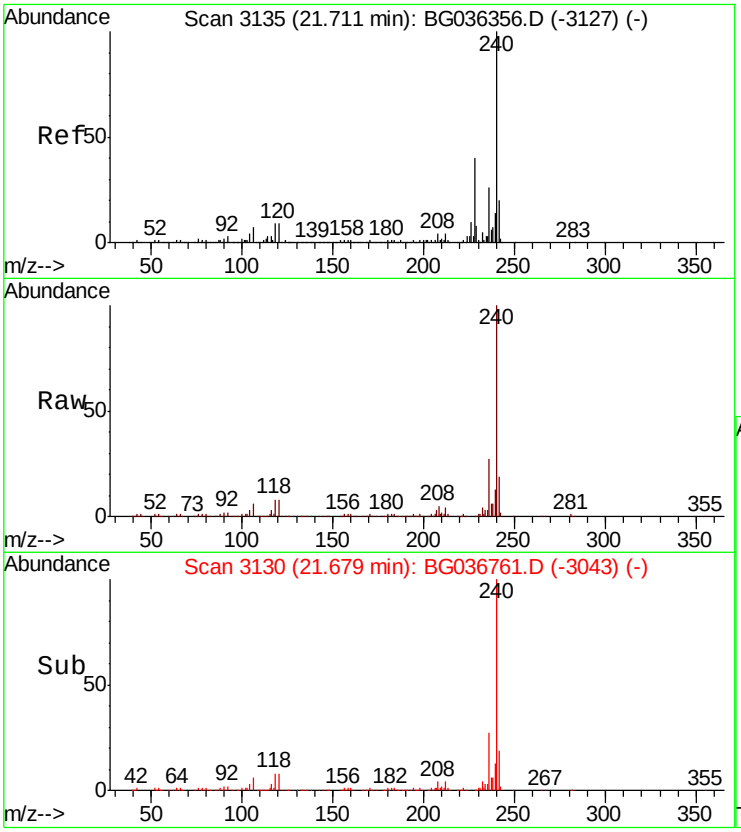


#66
4-Bromophenyl-phenylether
Concen: 3.560 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Tgt Ion:248 Resp: 17276

Ion	Ratio	Lower	Upper
248	100		
250	201.2	78.1	117.1#
141	502.0	53.7	80.5#



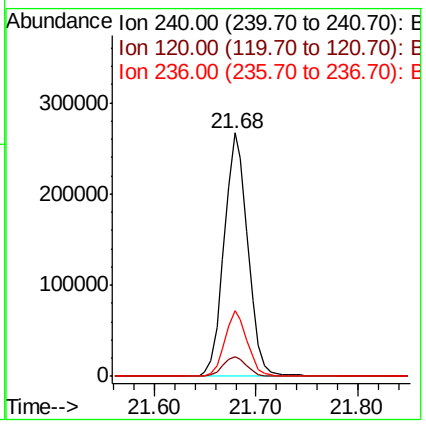


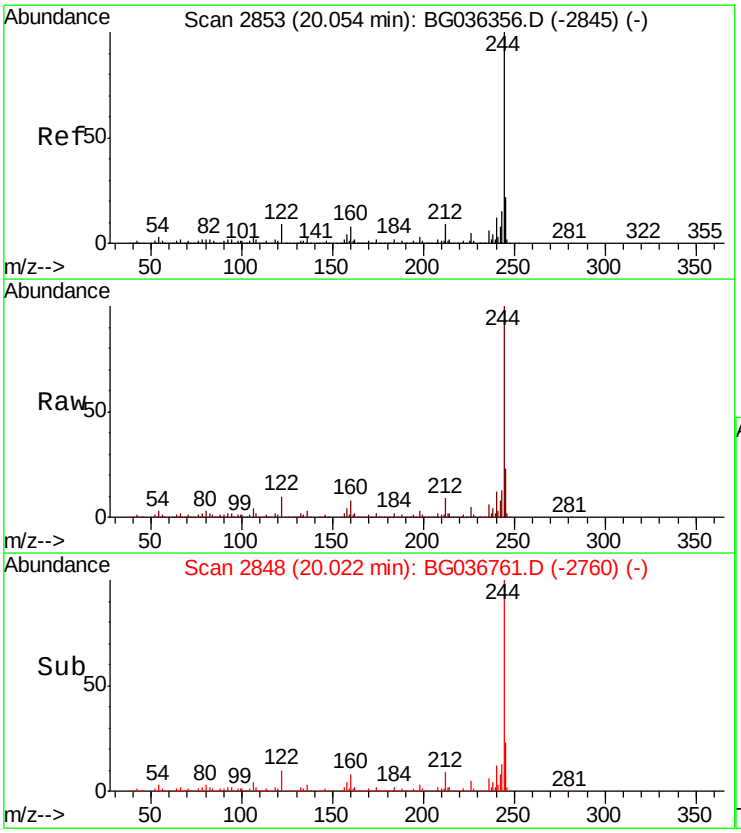
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 431374

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.9	10.3
236	26.8	21.2	31.8

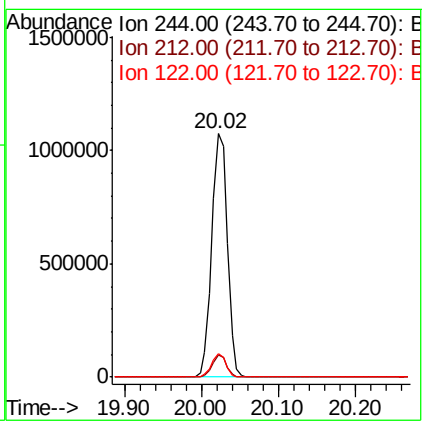


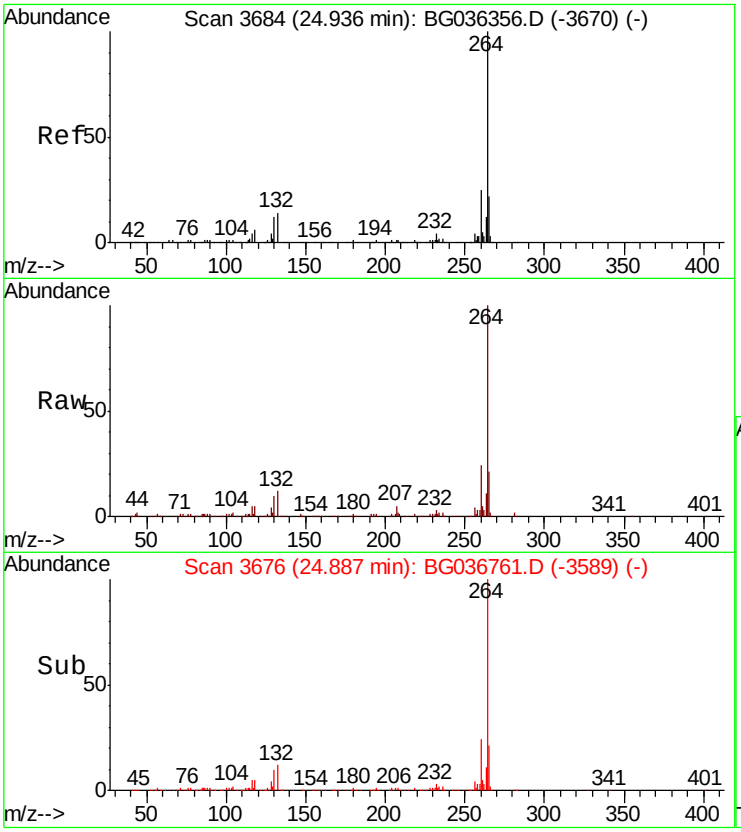


#78
Terphenyl-d14
Concen: 80.853 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Tgt Ion:244 Resp: 1492198

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.8	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036761.D
Acq: 17 Sep 2018 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 419748

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.2	17.4	26.0