Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG090718\

Quantitation Report (Not Reviewed)

Data File : BG036618.D
Acq On : 8 Sep 2018 5:23
Operator : JU/SJ
Sample : J4775-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-090618-A

Quant Time: Sep 08 06:45:32 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	8.06	152	52542	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	225867	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	157010	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	398555	20.00	ng		0.00
75) Chrysene-d12	21.69	240	417857	20.00	ng		0.00
86) Perylene-d12	24.90	264	368239	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	350001	105.67	ng		0.00
7) Phenol-d6	7.21	99	454400	95.82	ng		0.00
23) Nitrobenzene-d5	9.22	82	358553	86.13	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	198621	106.02	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	832637	75.72	ng		0.00
78) Terphenyl-d14	20.03	244	1471142	82.29	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	46606	13.150	ng	#	73
31) Naphthalene	10.91	128	36855	3.264	ng		96
32) Benzoic acid	10.34	122	111	4.520	ng	#	1
50) 2,6-Dinitrotoluene	14.68	165	20086	7.614	ng	#	23
56) 2,4-Dinitrotoluene	14.68	165	20086	5.842	ng	#	21
66) 4-Bromophenyl-phenylether	16.16	248	13325	2.856	ng	#	1

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

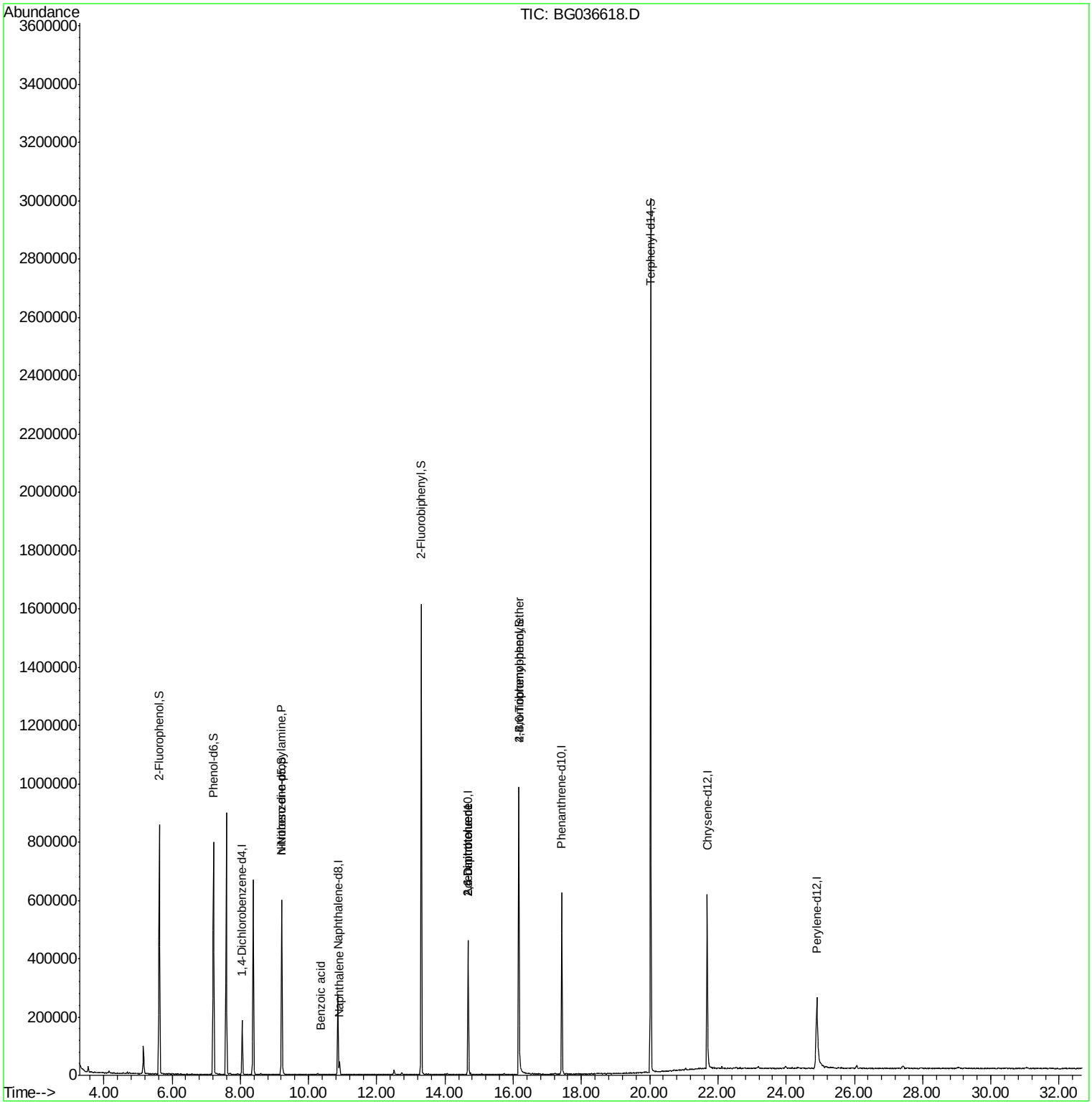
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG090718\

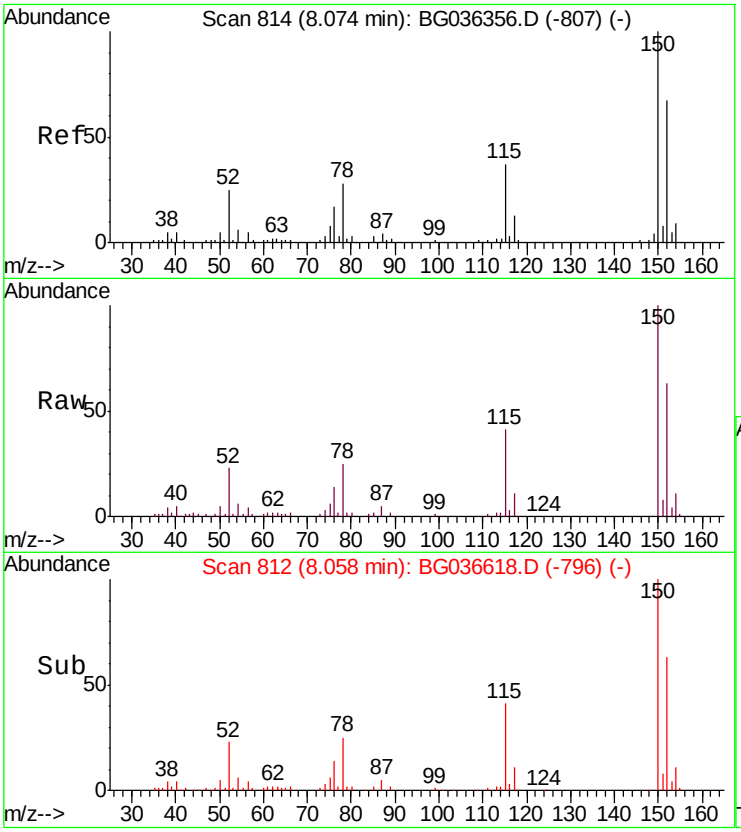
Quantitation Report (Not Reviewed)

Data File : BG036618.D
Acq On : 8 Sep 2018 5:23
Operator : JU/SJ
Sample : J4775-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Quant Time: Sep 08 06:45:32 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



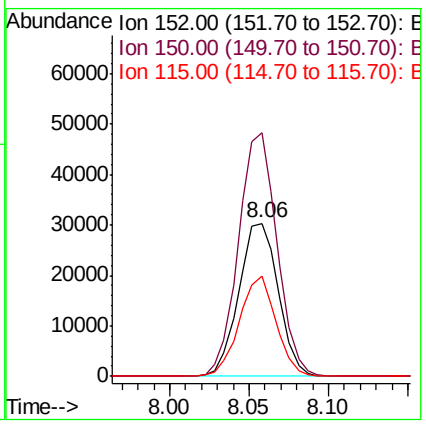


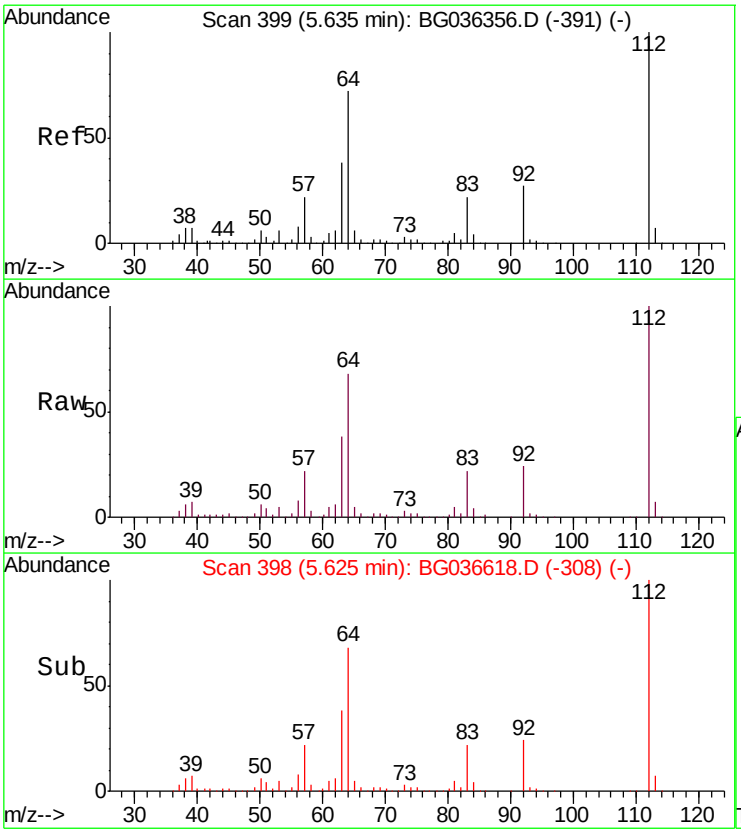
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Tgt Ion:152 Resp: 52542

Ion	Ratio	Lower	Upper
152	100		
150	159.2	119.5	179.3
115	65.2	44.5	66.7

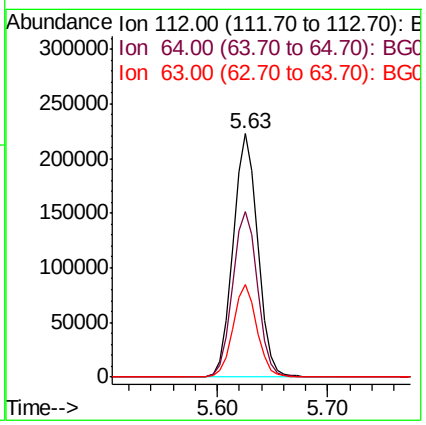


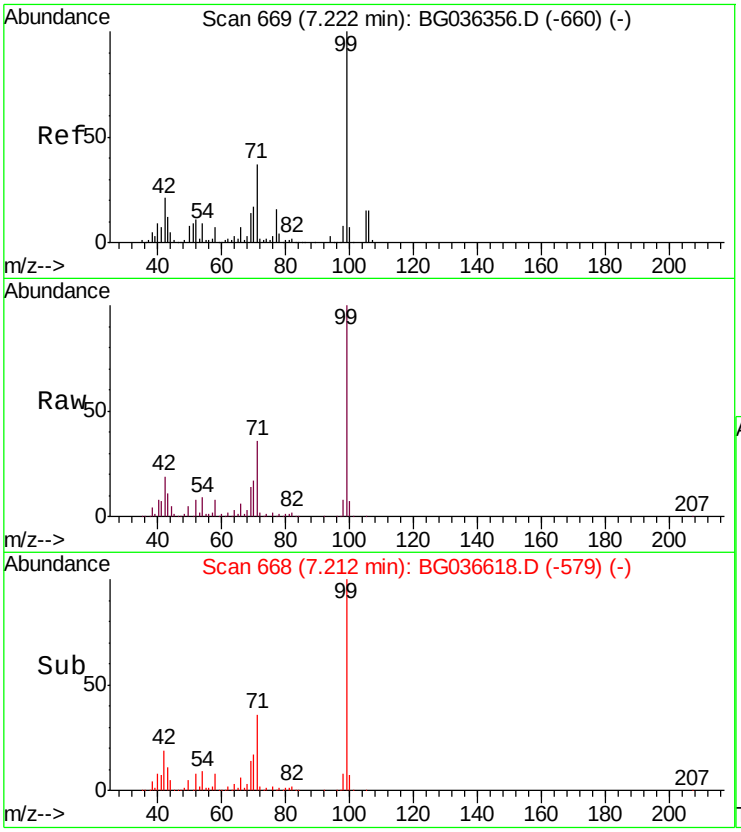


#5
2-Fluorophenol
Concen: 105.669 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Tgt Ion:112 Resp: 350001

Ion	Ratio	Lower	Upper
112	100		
64	68.1	57.2	85.8
63	38.0	30.8	46.2



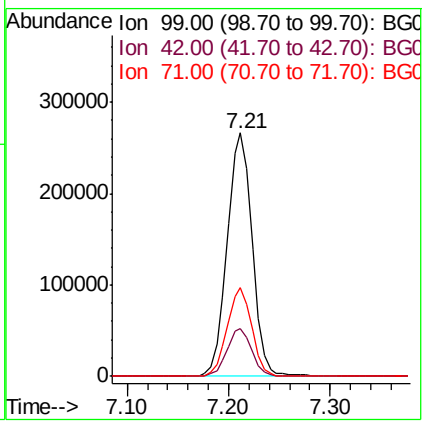


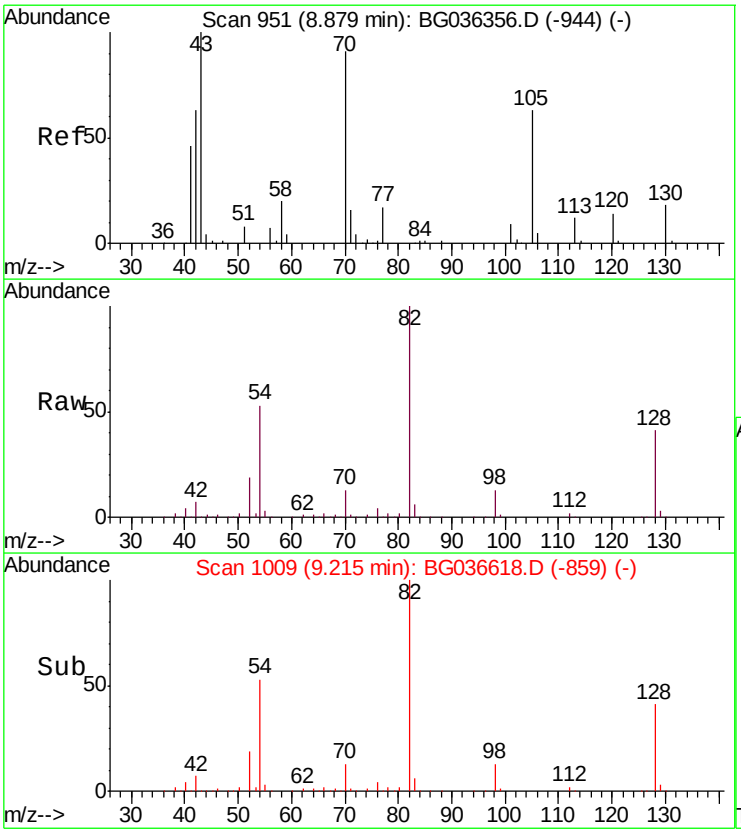
#7
Phenol-d6
Concen: 95.818 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Tgt Ion: 99 Resp: 454400

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.5	24.7
71	36.3	29.4	44.2

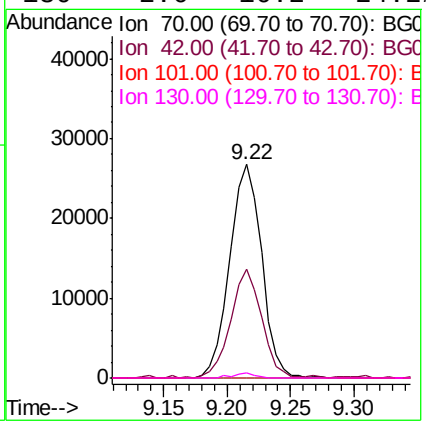


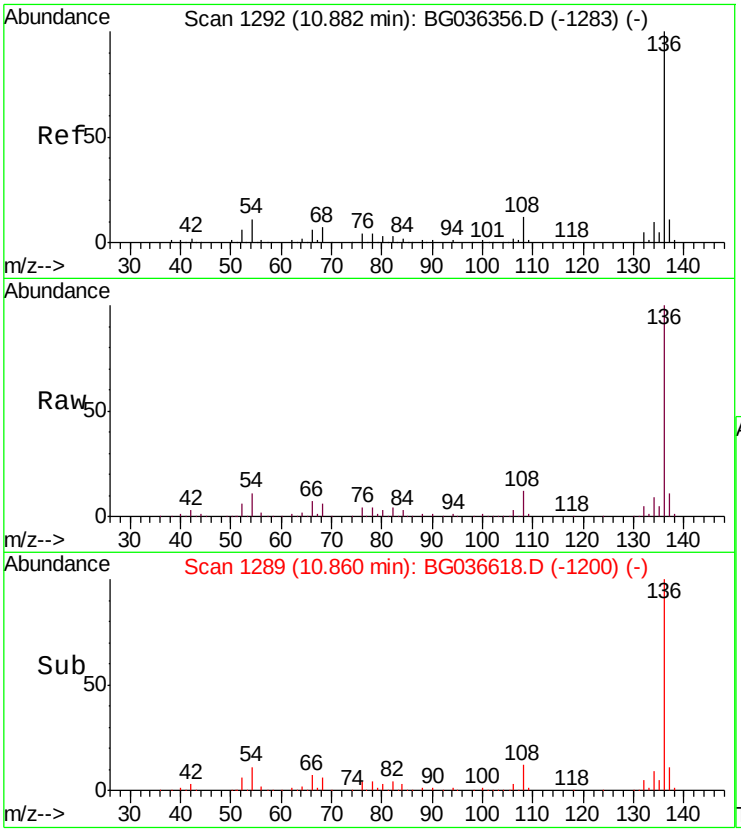


#19
n-Nitroso-di-n-propylamine
Concen: 13.150 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.35 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Tgt Ion: 70 Resp: 46606

Ion	Ratio	Lower	Upper
70	100		
42	51.0	56.2	84.4#
101	0.0	7.8	11.6#
130	2.6	16.2	24.2#



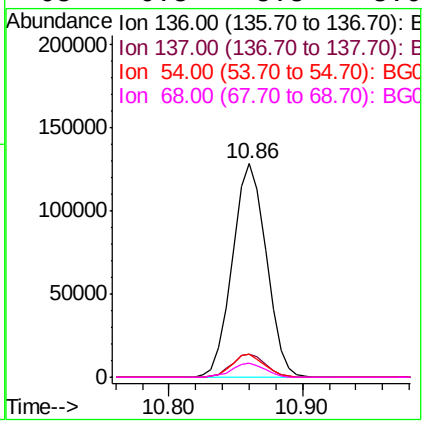


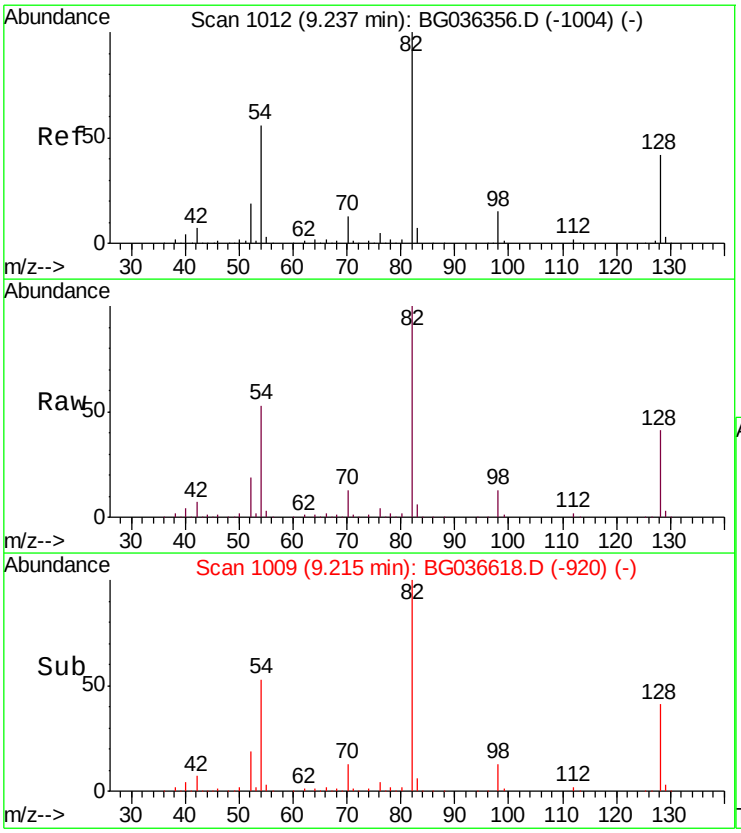
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Tgt Ion:136 Resp: 225867

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.0	9.2	13.8
68	6.3	5.8	8.6

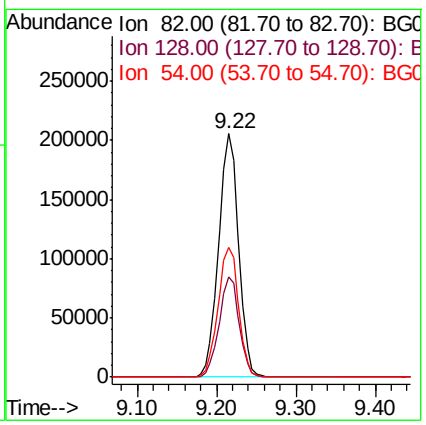


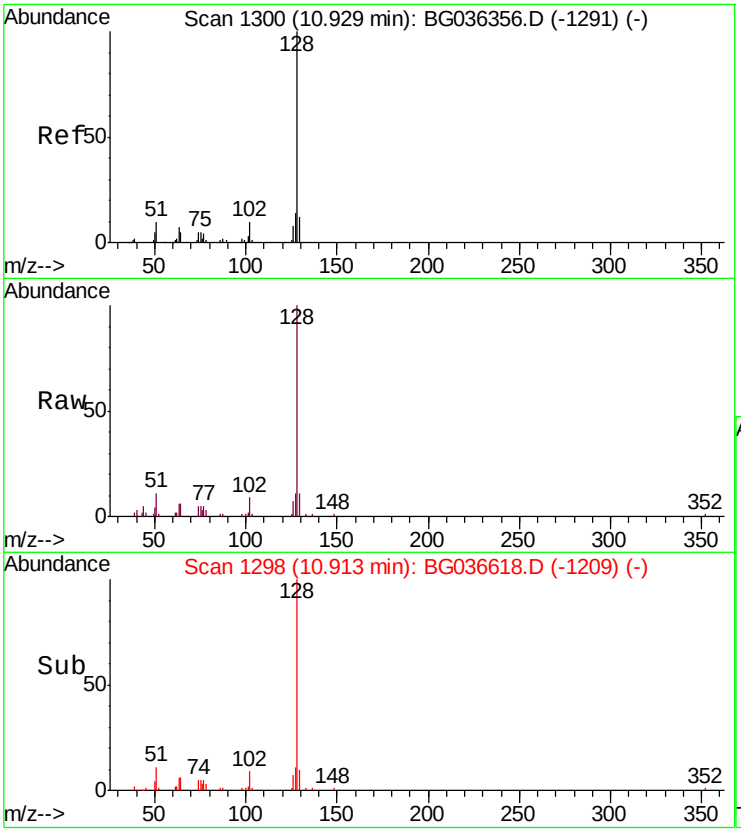


#23
Nitrobenzene-d5
Concen: 86.130 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Tgt Ion: 82 Resp: 358553

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.3	49.9
54	53.4	45.1	67.7



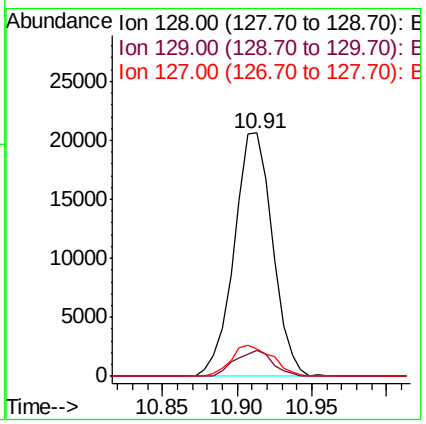


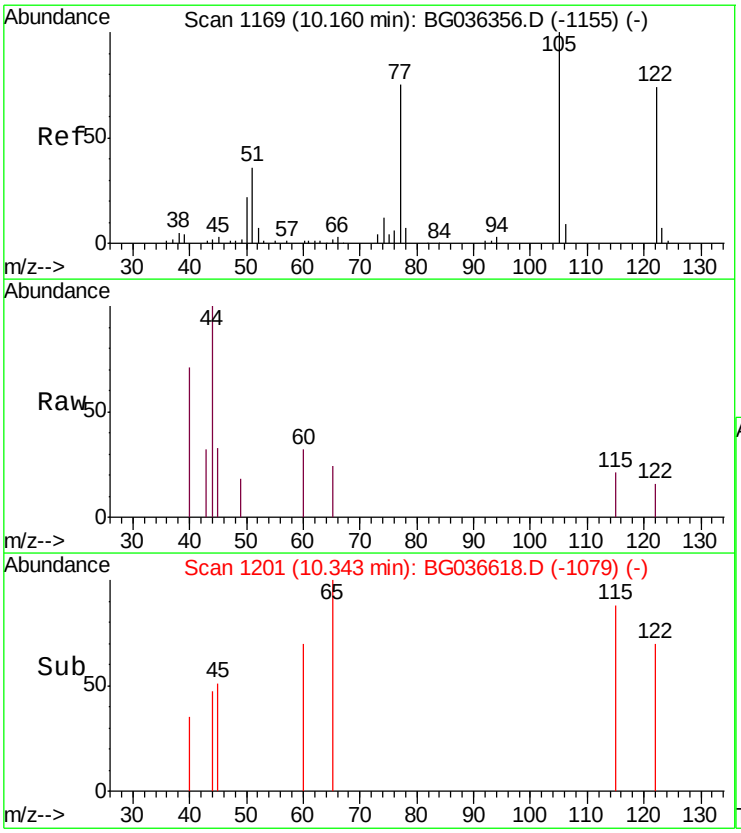
#31
Naphthalene
Concen: 3.264 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Tgt Ion:128 Resp: 36855

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	11.5	11.0	16.4

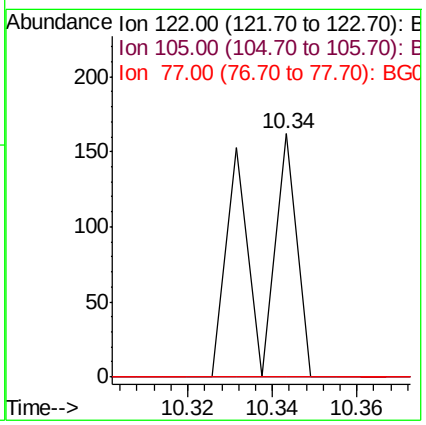


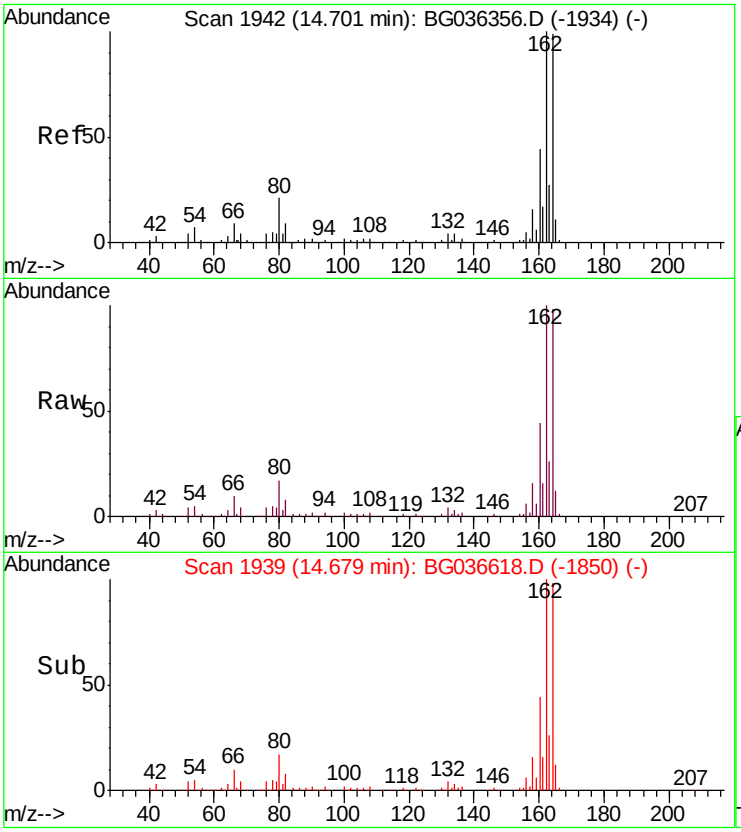


#32
Benzoic acid
Concen: 4.520 ng
RT: 10.34 min Scan# 1201
Delta R.T. 0.19 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Tgt Ion:122 Resp: 111

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



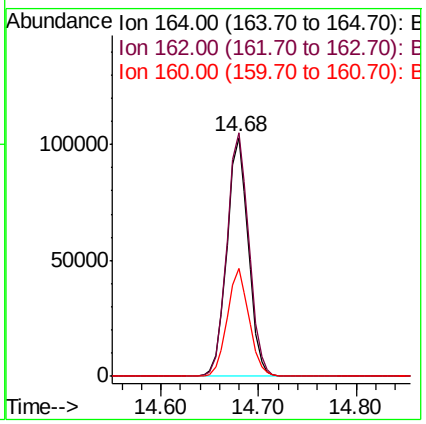


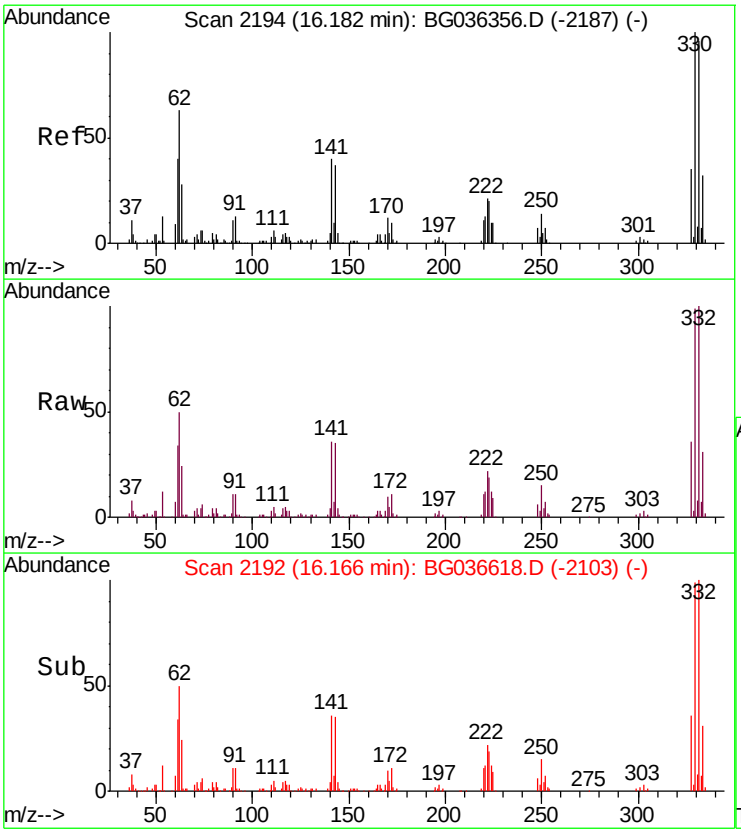
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Tgt Ion:164 Resp: 157010

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.7	121.1
160	45.0	35.3	52.9

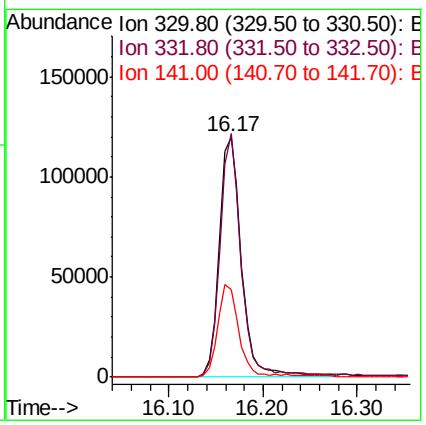


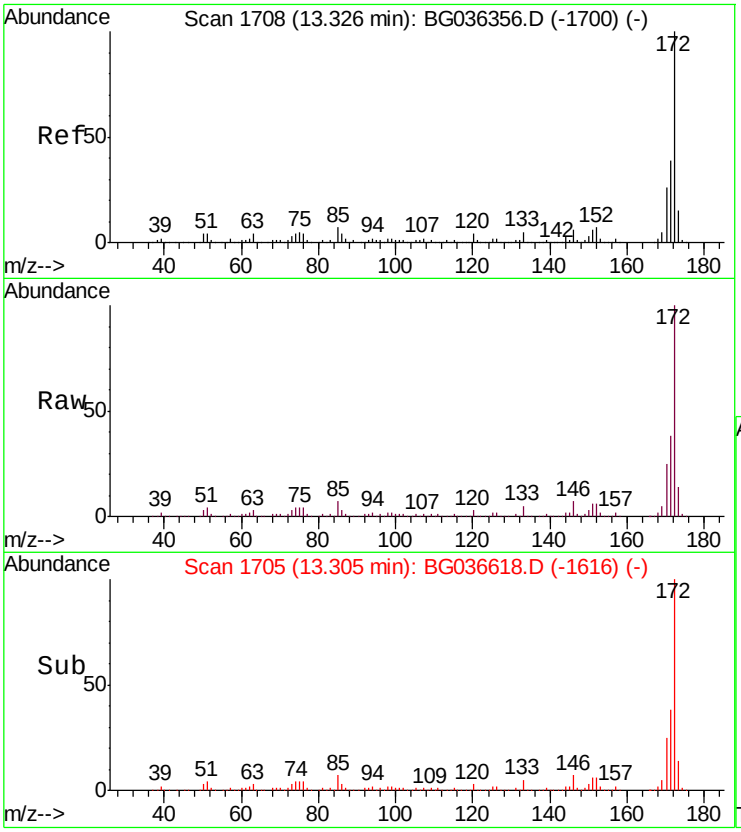


#41
2,4,6-Tribromophenol
Concen: 106.017 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Tgt Ion:330 Resp: 198621

Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	35.9	30.7	46.1



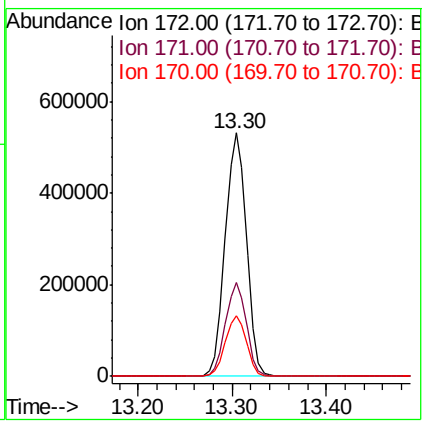


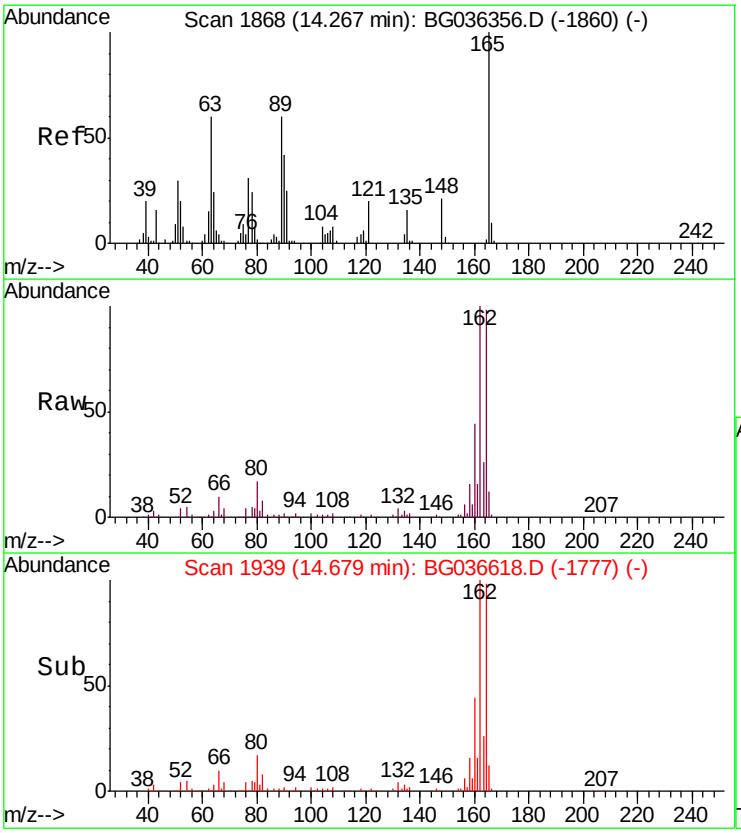
#44
2-Fluorobiphenyl
Concen: 75.718 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Tgt Ion:172 Resp: 832637

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	24.7	21.0	31.6

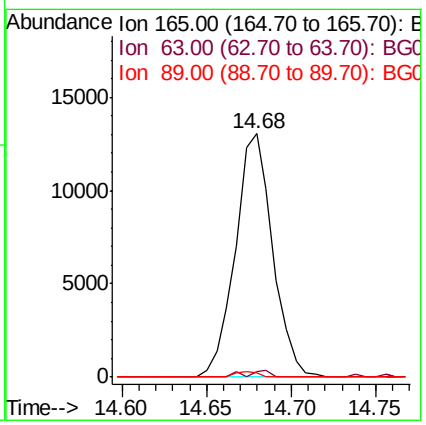


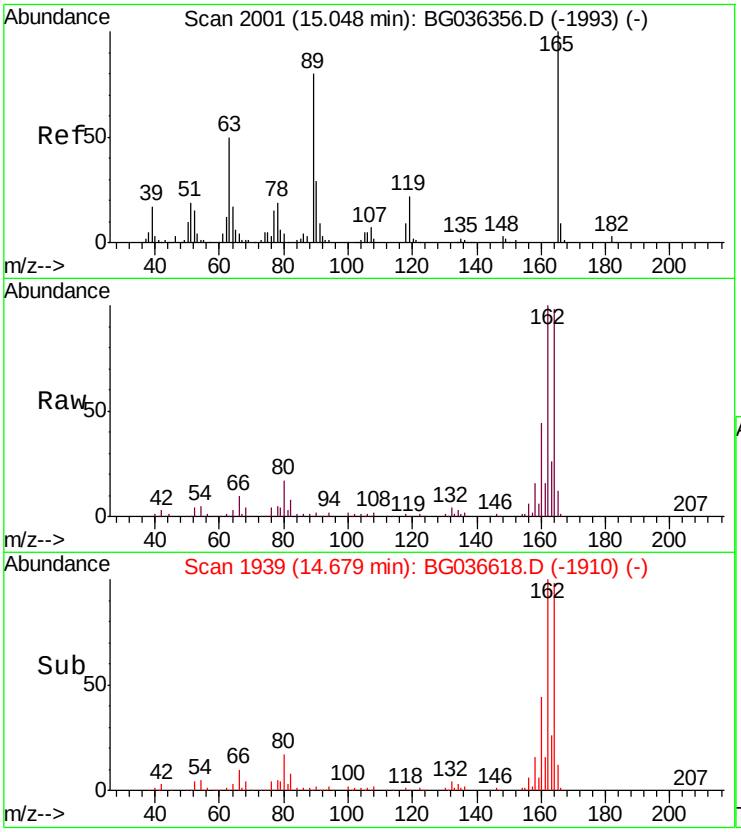


#50
2,6-Dinitrotoluene
Concen: 7.614 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.42 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Tgt Ion:165 Resp: 20086

Ion	Ratio	Lower	Upper
165	100		
63	2.5	50.1	75.1#
89	1.5	47.8	71.6#



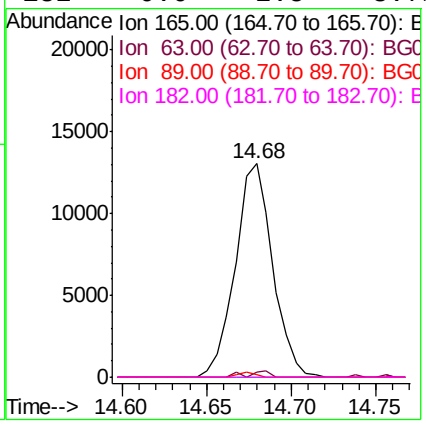


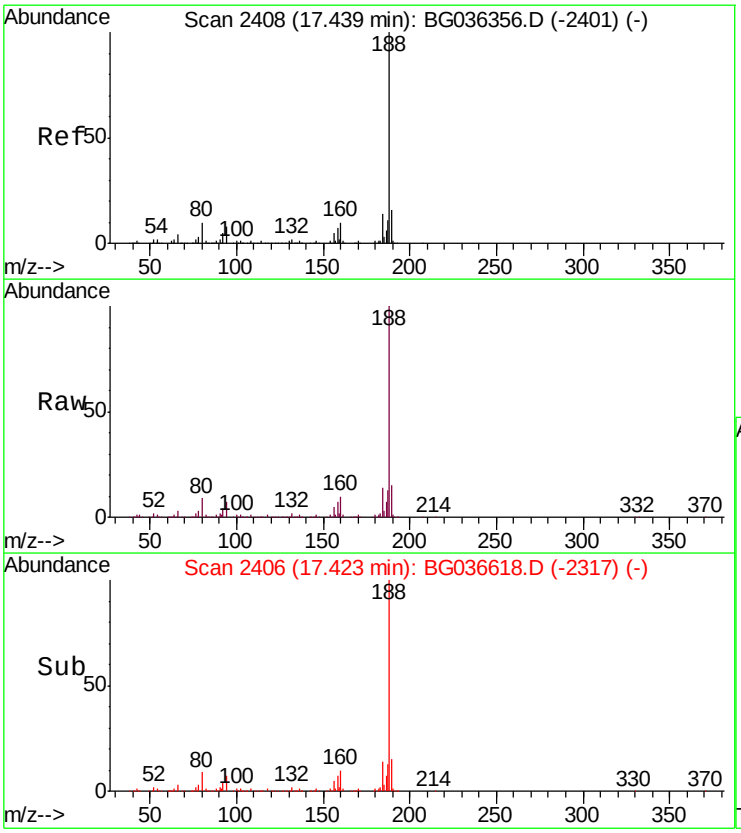
#56
2,4-Dinitrotoluene
Concen: 5.842 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Tgt Ion:165 Resp: 20086

Ion	Ratio	Lower	Upper
165	100		
63	2.5	40.1	60.1#
89	1.5	63.7	95.5#
182	0.0	2.5	3.7#

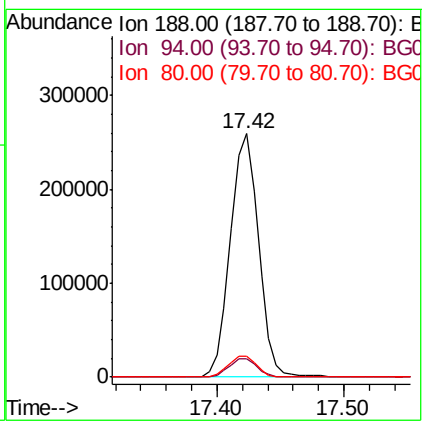


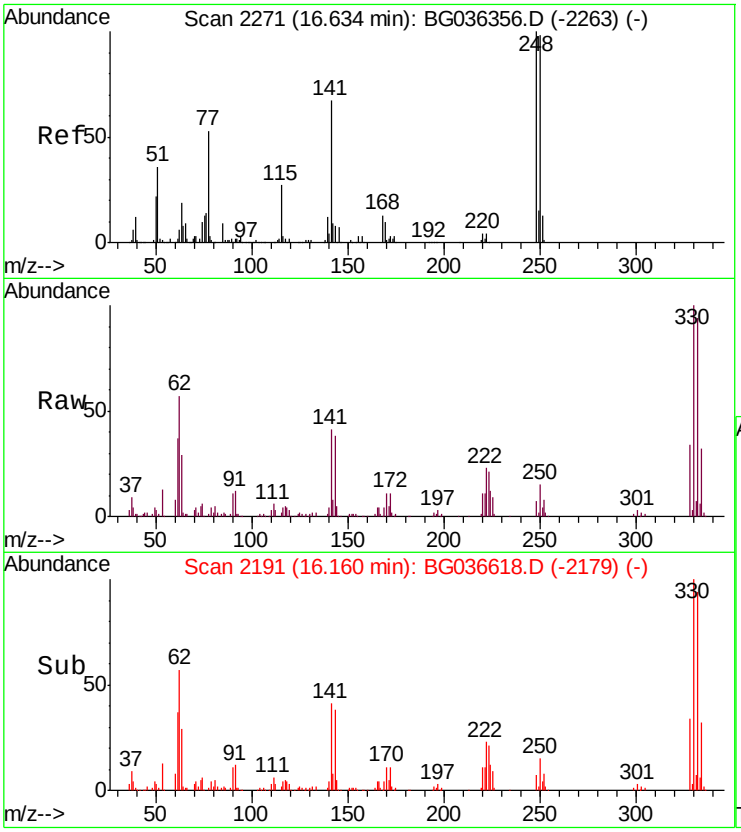


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Tgt Ion:188 Resp: 398555

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.7	10.1
80	8.6	8.1	12.1



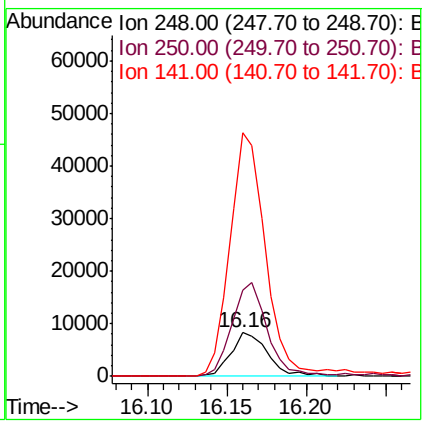


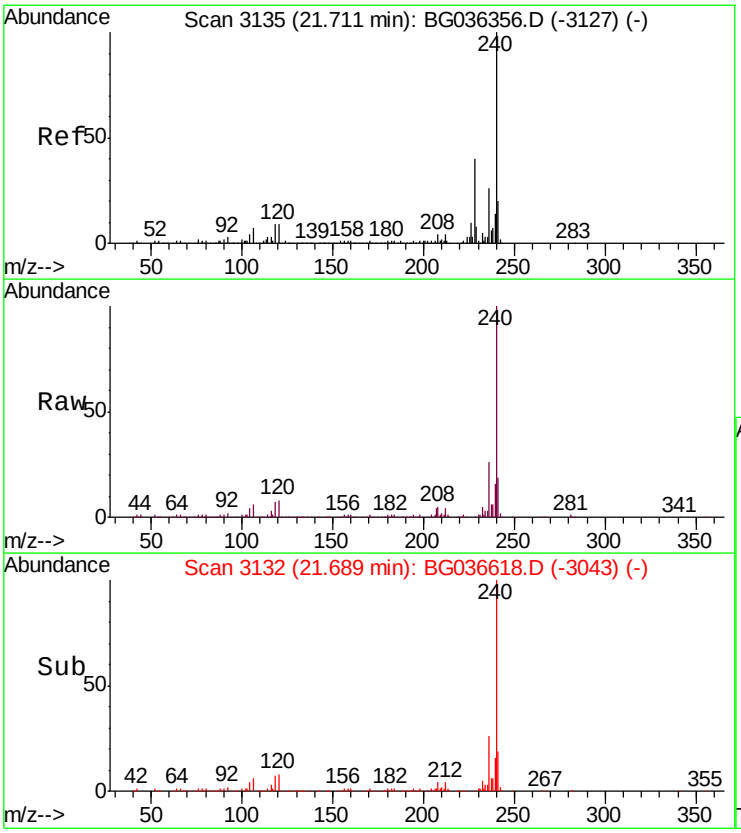
#66
4-Bromophenyl-phenylether
Concen: 2.856 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Tgt Ion:248 Resp: 13325

Ion	Ratio	Lower	Upper
248	100		
250	199.2	78.1	117.1#
141	558.9	53.7	80.5#

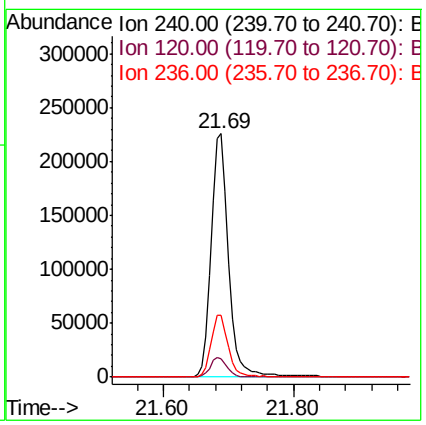


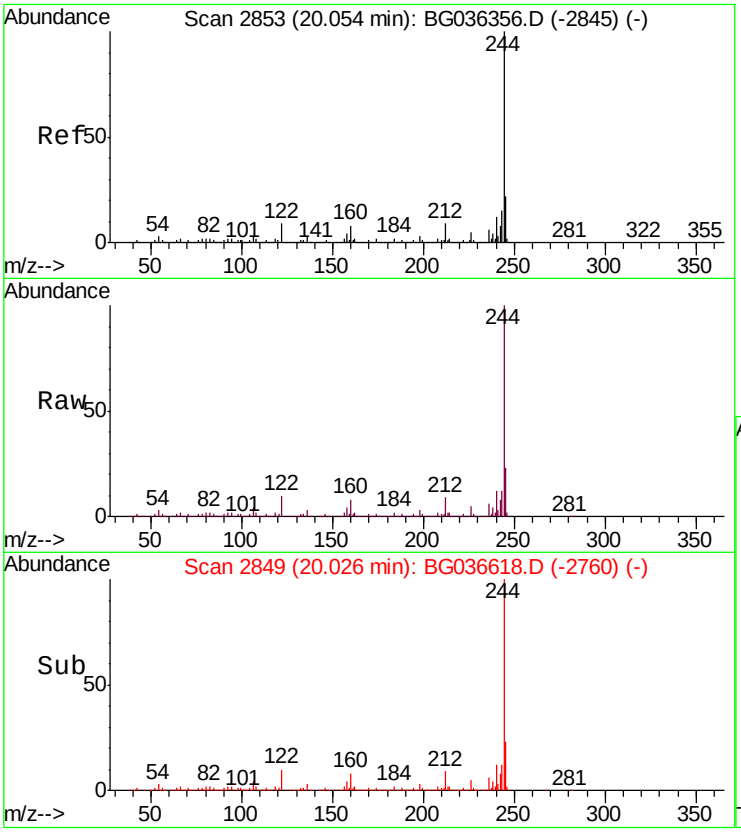


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Tgt Ion:240 Resp: 417857

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.9	10.3
236	25.6	21.2	31.8



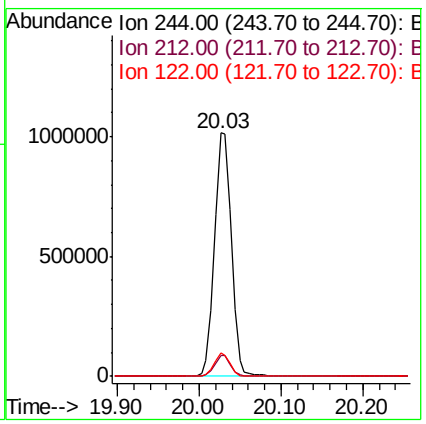


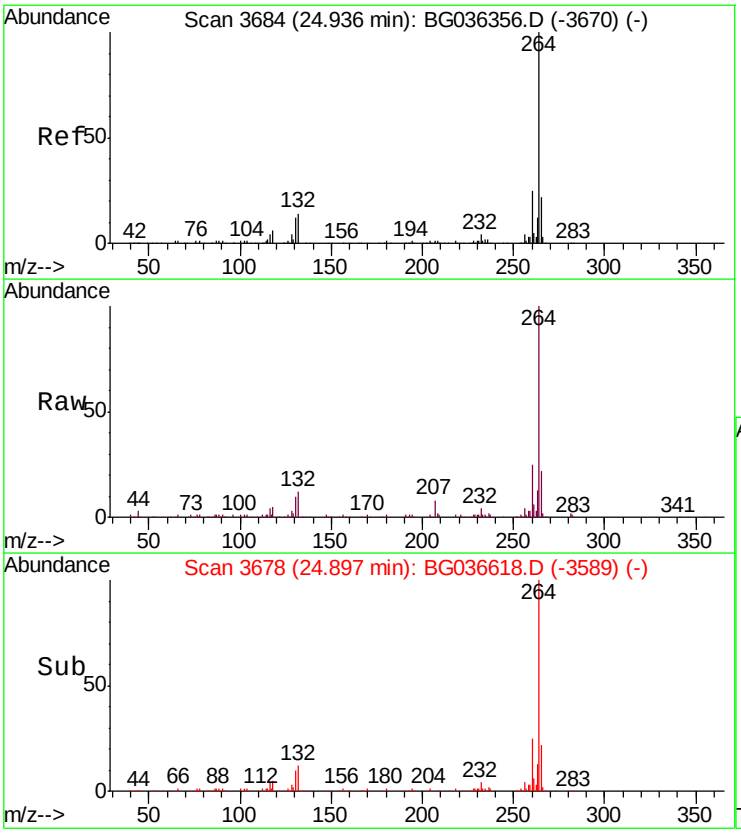
#78
Terphenyl-d14
Concen: 82.290 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Tgt Ion:244 Resp: 1471142

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.6	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG036618.D
Acq: 8 Sep 2018 5:23

Tgt Ion:264 Resp: 368239

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.8	17.4	26.0