Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
Data File : BG039333.D
Acq On : 30 Jan 2019 18:32
Operator : JU/SJ
Sample : K1268-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 012819-TIPC-E-D-M

Quant Time: Jan 31 05:41:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	44772	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	192725	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	126864	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	310134	20.00	ng		0.00
76) Chrysene-d12	21.84	240	314834	20.00	ng		0.00
87) Perylene-d12	25.23	264	322403	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	101947	38.97	ng		0.00
7) Phenol-d6	7.31	99	87052	22.61	ng		0.00
23) Nitrobenzene-d5	9.36	82	308856	100.12	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	132200	96.77	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	762706	86.25	ng		0.00
79) Terphenyl-d14	20.14	244	1036755	69.70	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.31	77	186	Below Cal		#	4
10) Phenol	7.34	94	30771	7.666	ng		88
19) n-Nitroso-di-n-propylamine	9.36	70	41310	15.115	ng	#	72
48) 2-Nitroaniline	14.24	65	352	8.424	ng	#	1
50) Dimethylphthalate	14.25	163	44831	4.375	ng		98
51) 2,6-Dinitrotoluene	14.80	165	16223	13.873	ng	#	24
57) 2,4-Dinitrotoluene	14.80	165	16223	13.361	ng	#	19
62) 4-Nitroaniline	16.28	138	67	4.231	ng	#	1
65) 4,6-Dinitro-2-methylphenol	16.28	198	530	4.722	ng	#	1
67) 4-Bromophenyl-phenylether	16.29	248	10967	3.188	ng	#	1

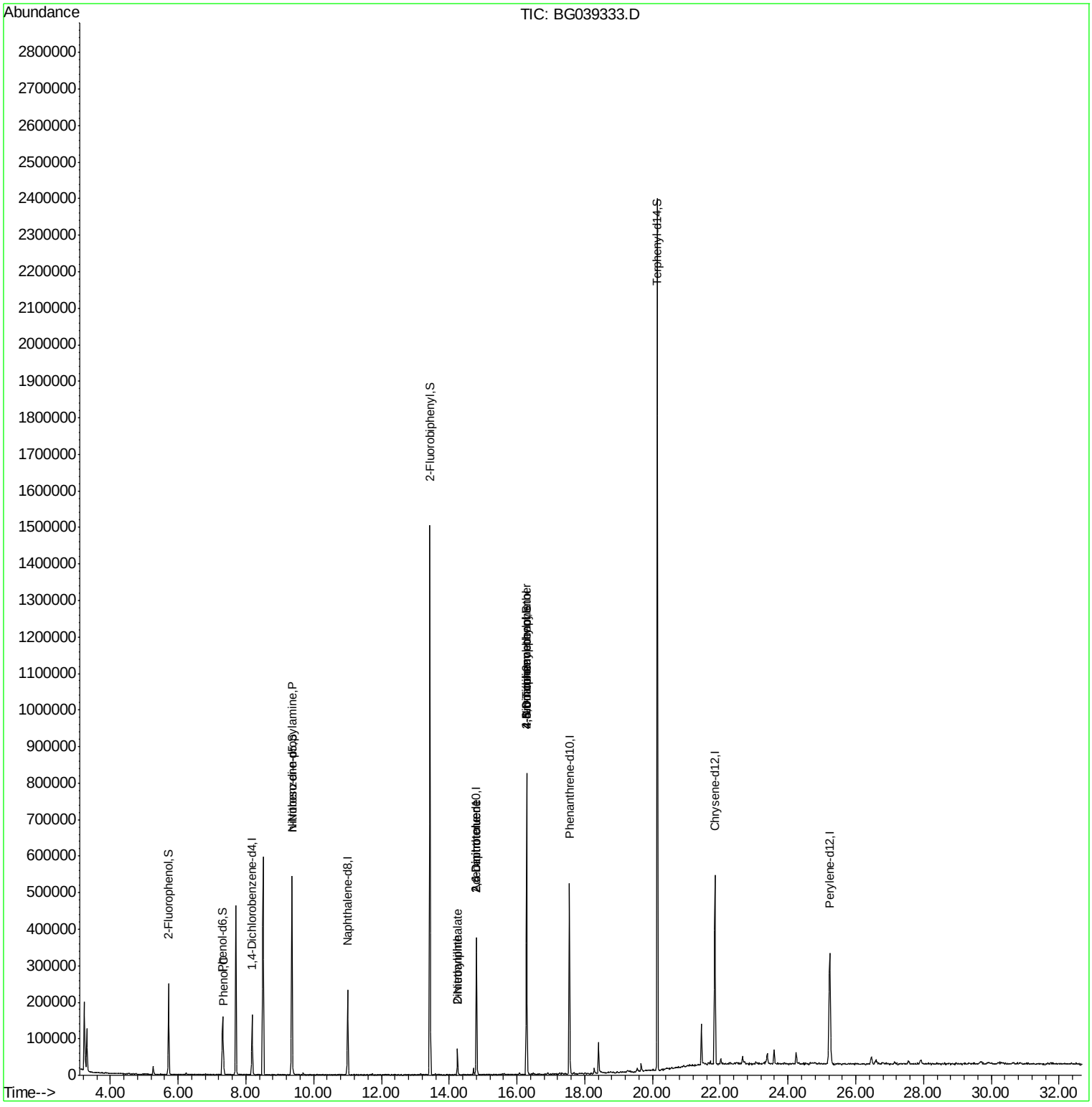
(#) = qualifier out of range (m) = manual integration (+) = signals summed

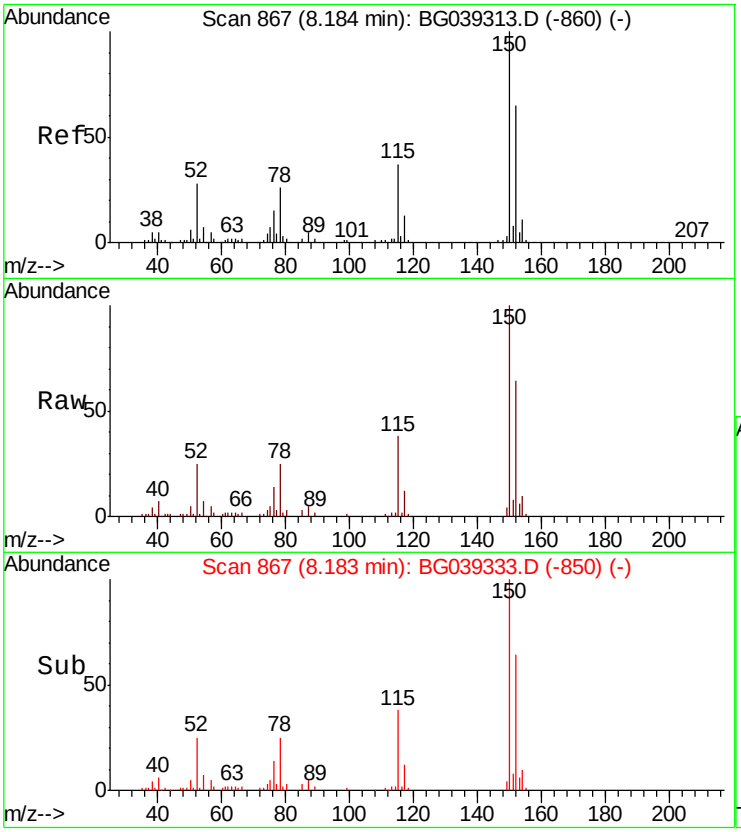
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG013019\
Data File : BG039333.D
Acq On : 30 Jan 2019 18:32
Operator : JU/SJ
Sample : K1268-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-D-M

Quant Time: Jan 31 05:41:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



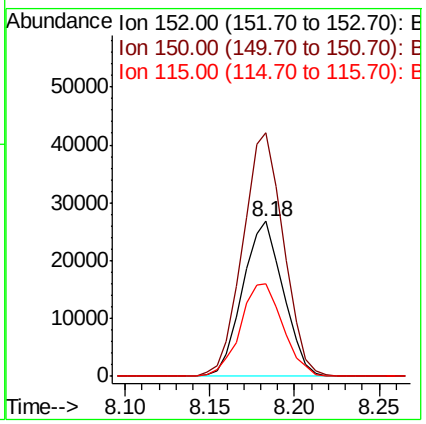


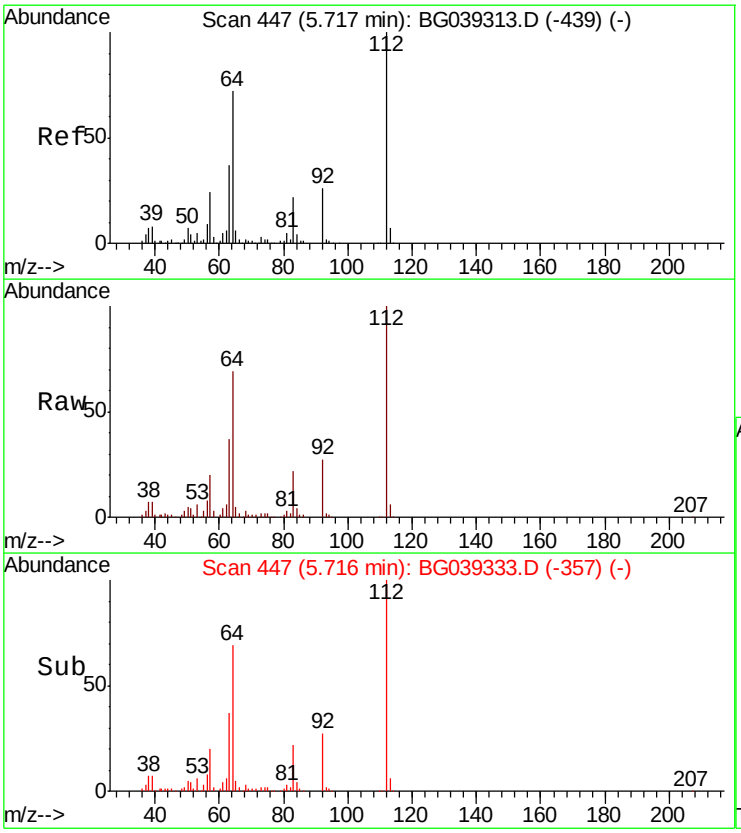
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-D-M

Tgt Ion:152 Resp: 44772

Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.7	185.5
115	59.9	45.9	68.9

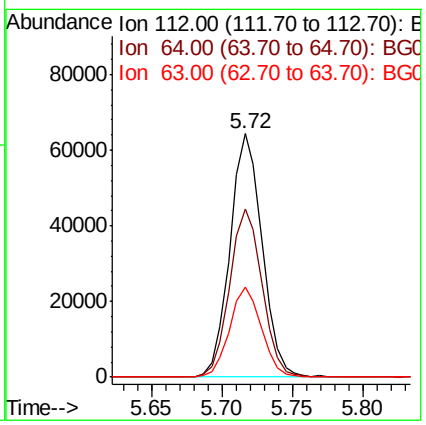


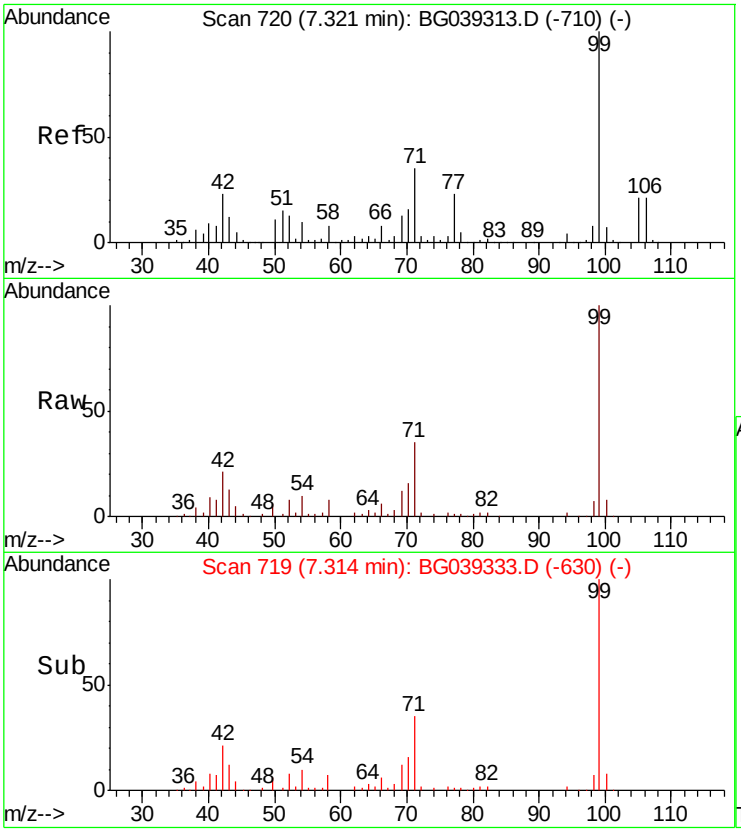


#5
2-Fluorophenol
Concen: 38.971 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Tgt Ion:112 Resp: 101947

Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.8	86.8
63	37.0	29.8	44.6



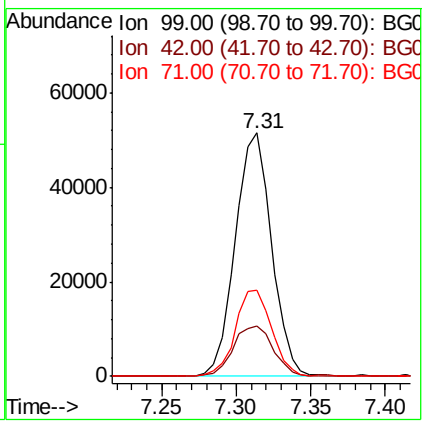


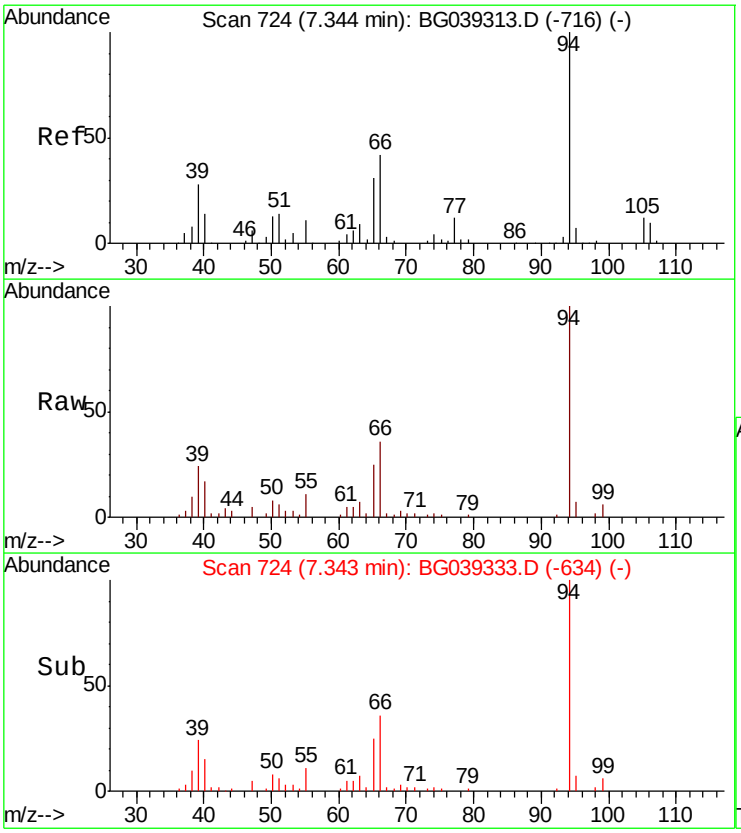
#7
Phenol-d6
Concen: 22.607 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-D-M

Tgt Ion: 99 Resp: 87052

Ion	Ratio	Lower	Upper
99	100		
42	20.9	18.2	27.2
71	35.2	28.0	42.0

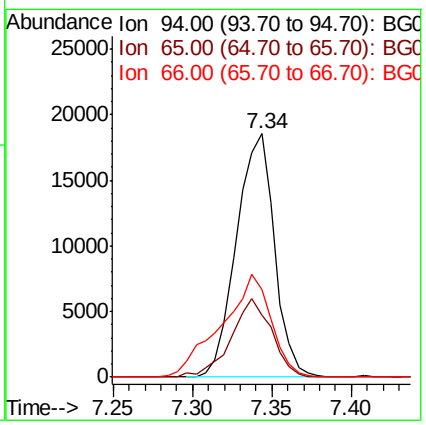


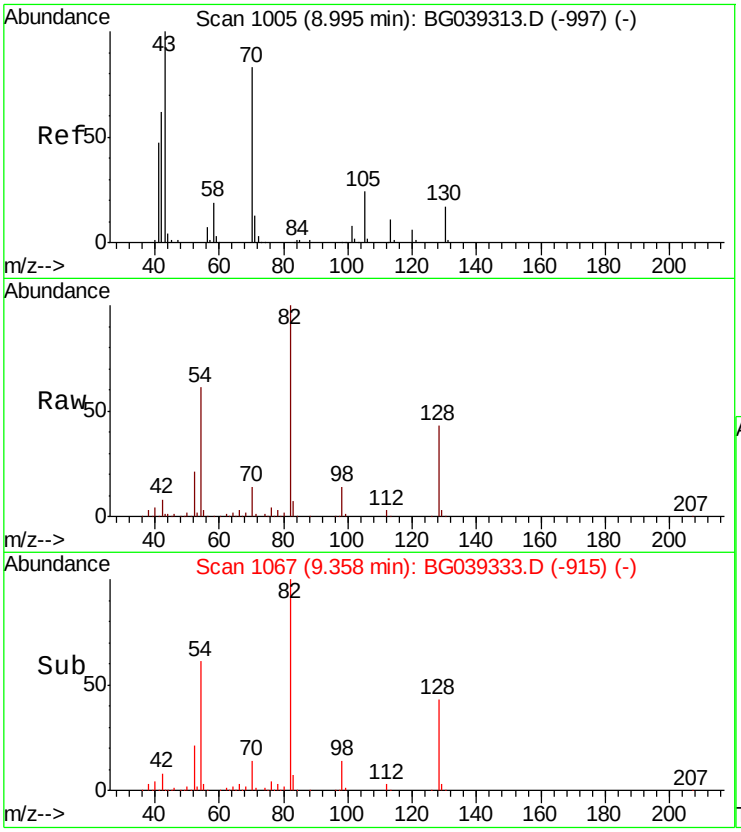


#10
Phenol
Concen: 7.666 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Tgt Ion: 94 Resp: 30771

Ion	Ratio	Lower	Upper
94	100		
65	25.3	11.7	51.7
66	36.2	23.7	63.7



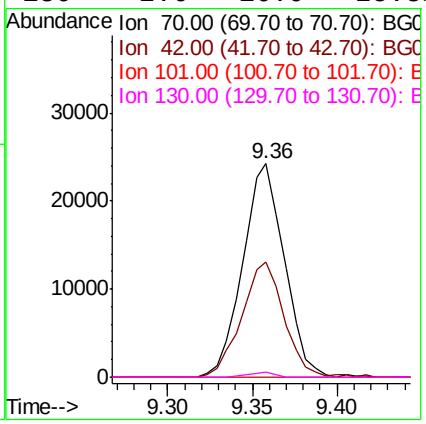


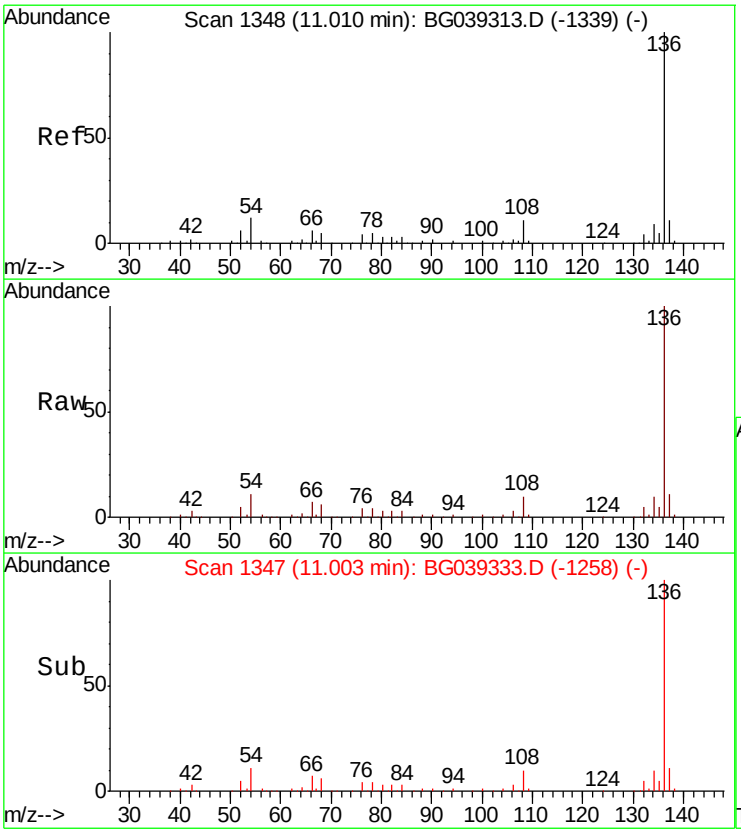
#19
n-Nitroso-di-n-propylamine
Concen: 15.115 ng
RT: 9.36 min Scan# 1067
Delta R.T. 0.36 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-D-M

Tgt Ion: 70 Resp: 41310

Ion	Ratio	Lower	Upper
70	100		
42	54.0	60.4	90.6#
101	0.0	7.5	11.3#
130	2.6	16.9	25.3#

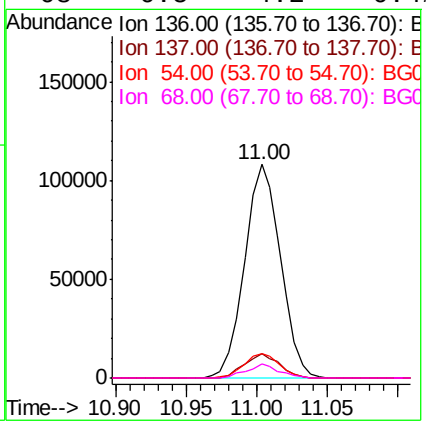


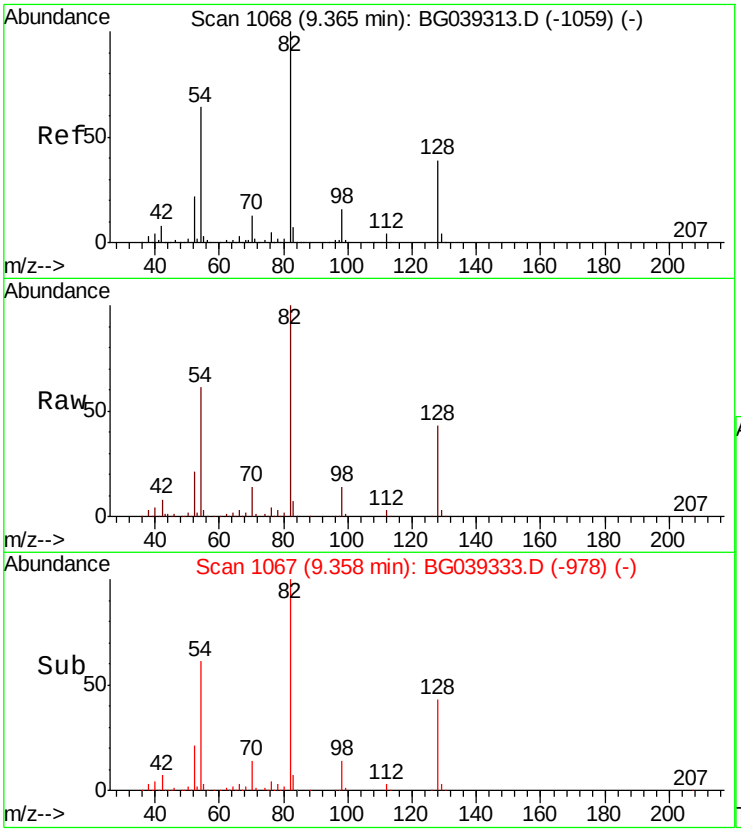


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Tgt Ion:136 Resp: 192725

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	11.4	9.4	14.2
68	6.5	4.2	6.4#



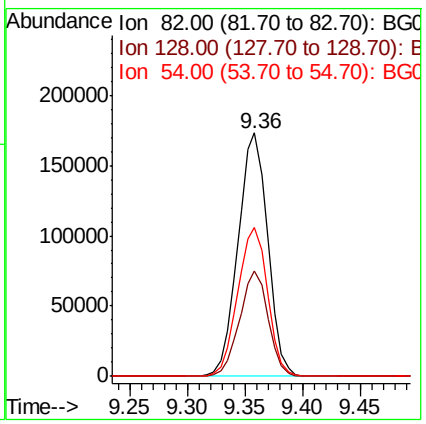


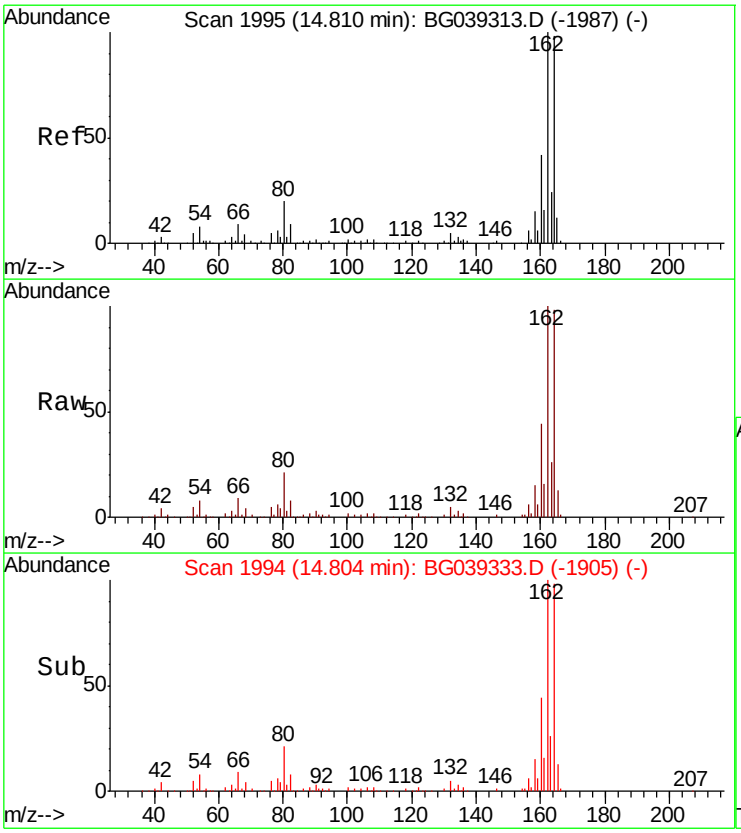
#23
Nitrobenzene-d5
Concen: 100.115 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-D-M

Tgt Ion: 82 Resp: 308856

Ion	Ratio	Lower	Upper
82	100		
128	43.3	31.3	46.9
54	61.1	50.9	76.3

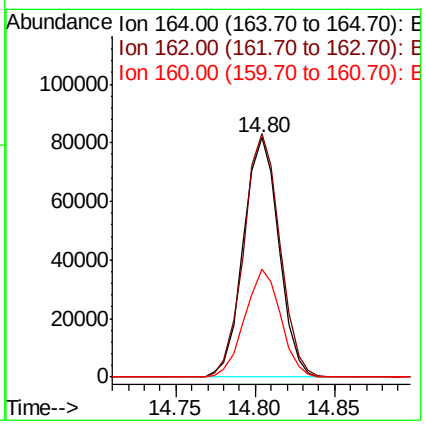


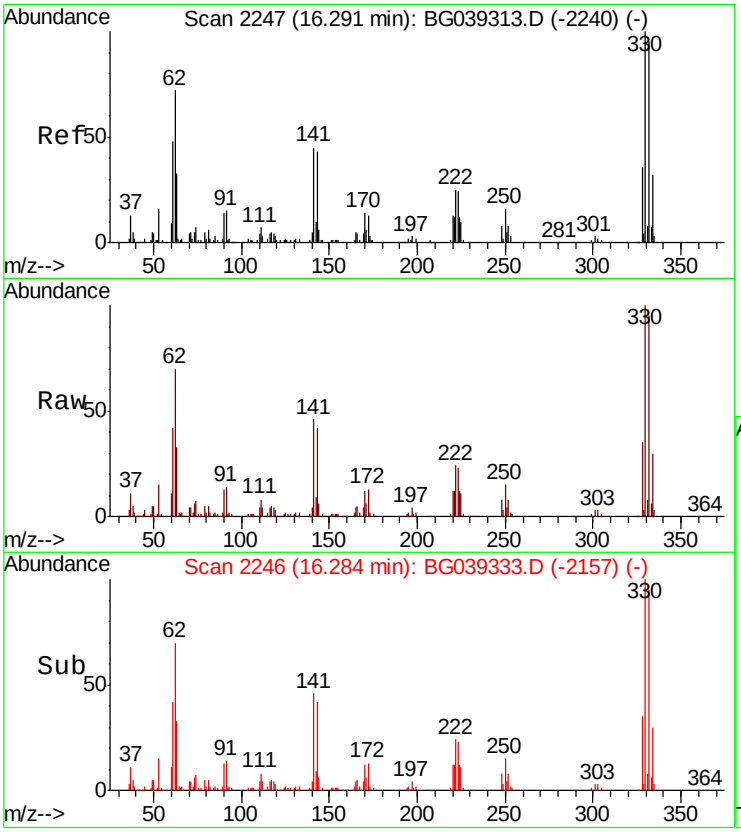


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Tgt Ion:164 Resp: 126864

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.6	122.4
160	45.1	34.2	51.2



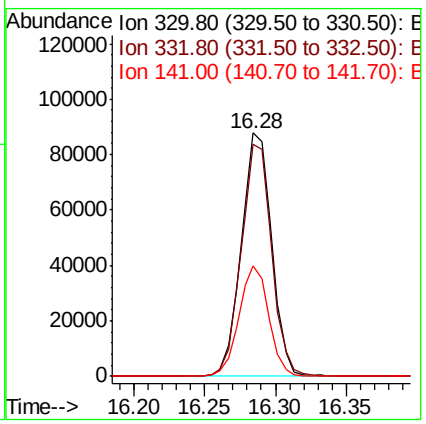


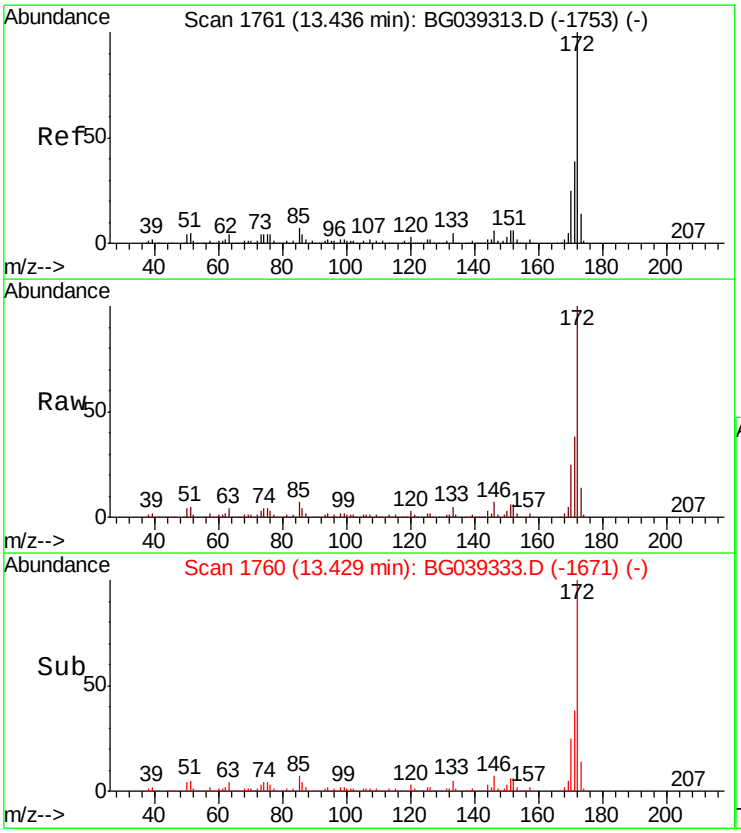
#42
2,4,6-Tribromophenol
Concen: 96.771 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-D-M

Tgt Ion:330 Resp: 132200

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.7	113.5
141	44.1	35.6	53.4

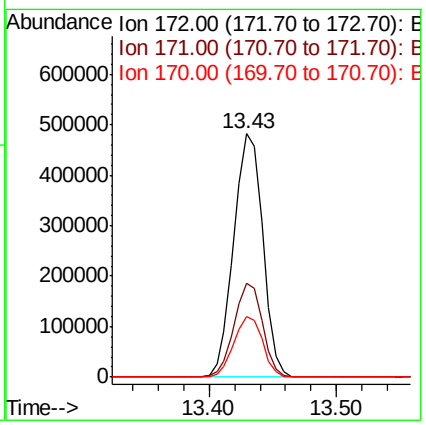


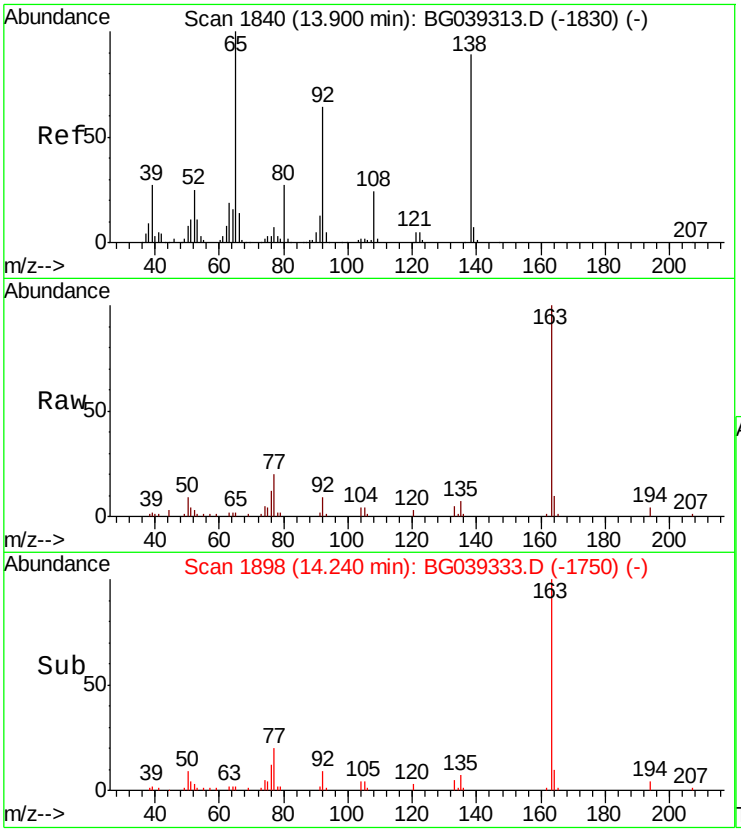


#45
2-Fluorobiphenyl
Concen: 86.245 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Tgt Ion:172 Resp: 762706

Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.8	46.2
170	25.0	20.2	30.4



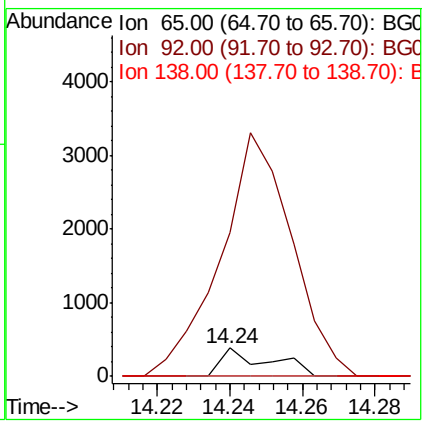


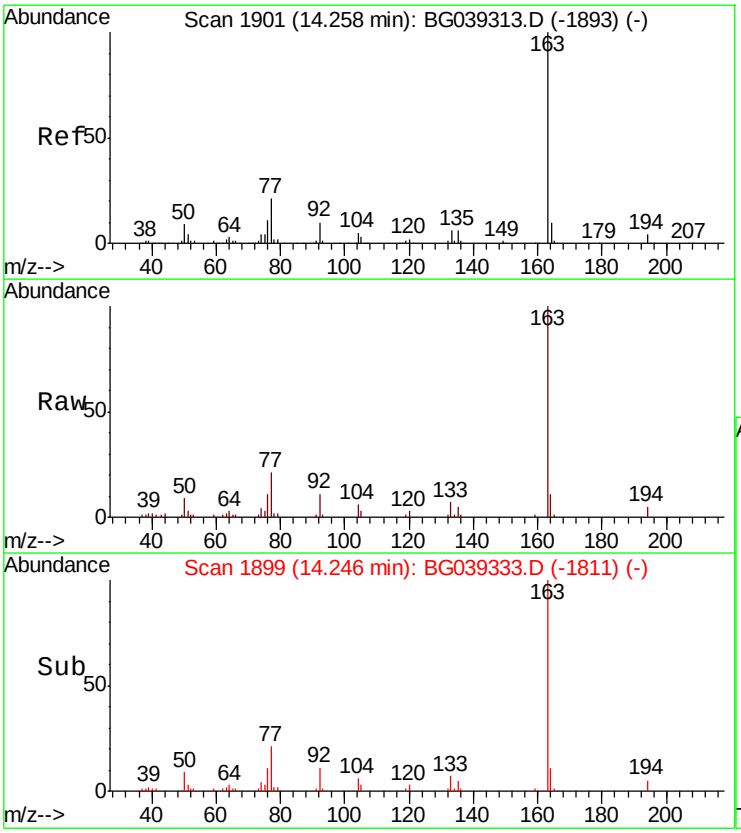
#48
2-Nitroaniline
Concen: 8.424 ng
RT: 14.24 min Scan# 1898
Delta R.T. 0.34 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-D-M

Tgt Ion: 65 Resp: 352

Ion	Ratio	Lower	Upper
65	100		
92	513.1	51.4	77.2#
138	0.0	71.4	107.2#

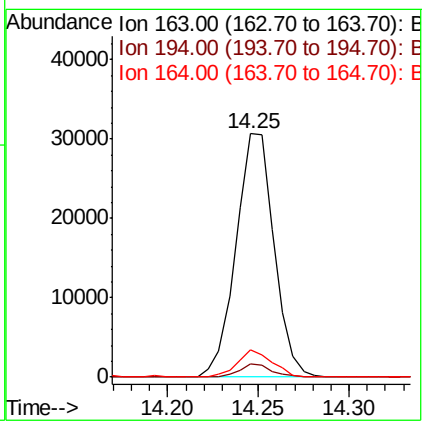


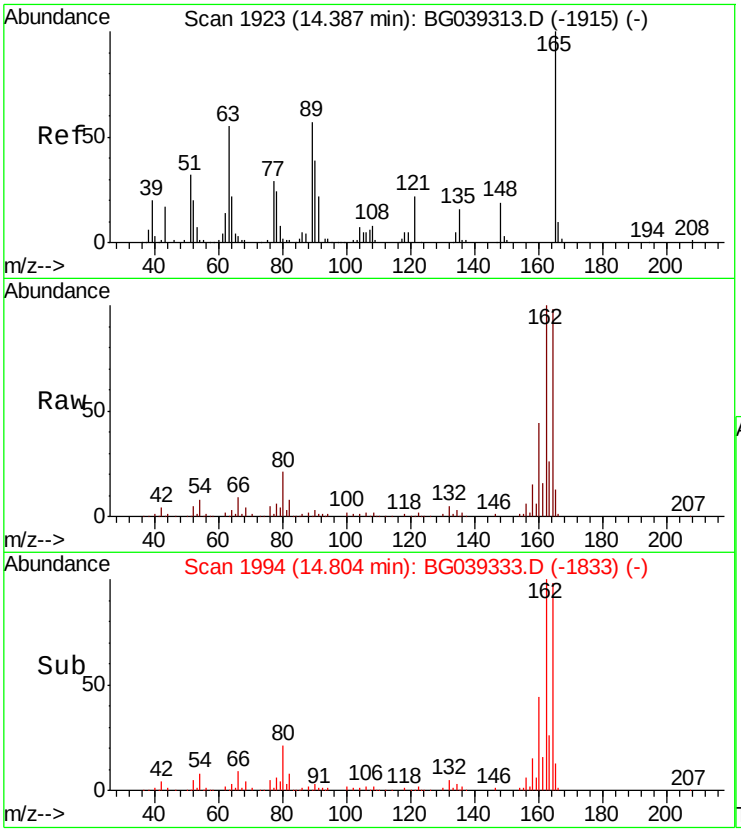


#50
Dimethylphthalate
Concen: 4.375 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Tgt Ion:163 Resp: 44831

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.6	5.4
164	11.0	8.4	12.6



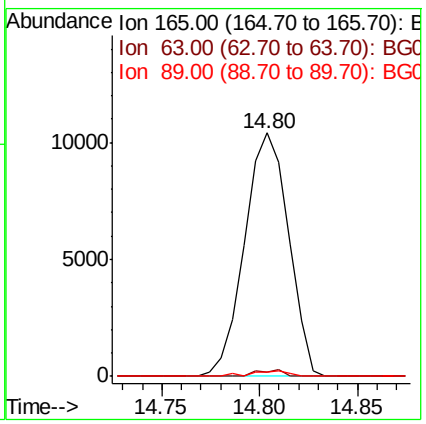


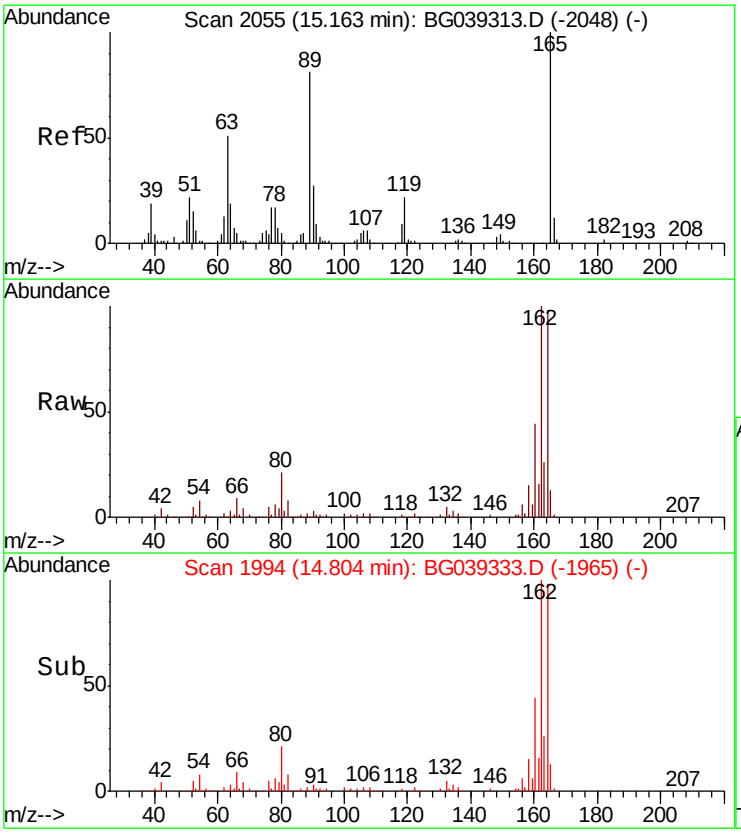
#51
2,6-Dinitrotoluene
Concen: 13.873 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.42 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-D-M

Tgt Ion:165 Resp: 16223

Ion	Ratio	Lower	Upper
165	100		
63	1.5	47.0	70.6#
89	1.5	45.8	68.8#

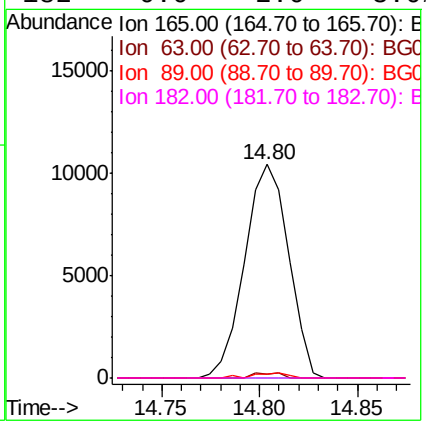


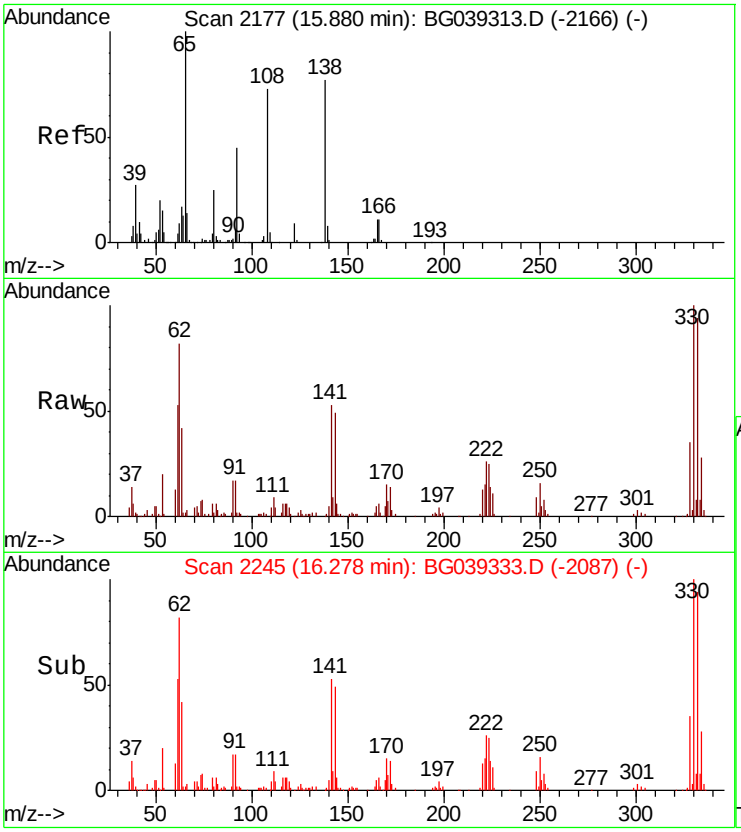


#57
2,4-Dinitrotoluene
Concen: 13.361 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.36 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Tgt Ion:165 Resp: 16223

Ion	Ratio	Lower	Upper
165	100		
63	1.5	41.0	61.6#
89	1.5	64.6	96.8#
182	0.0	2.0	3.0#



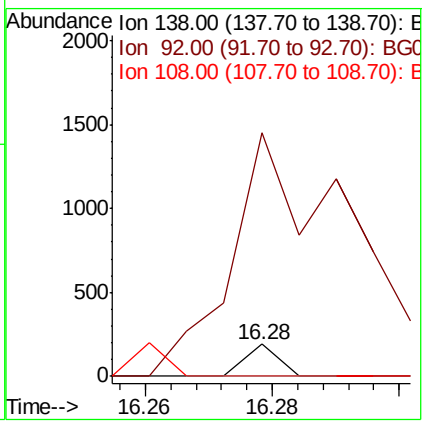


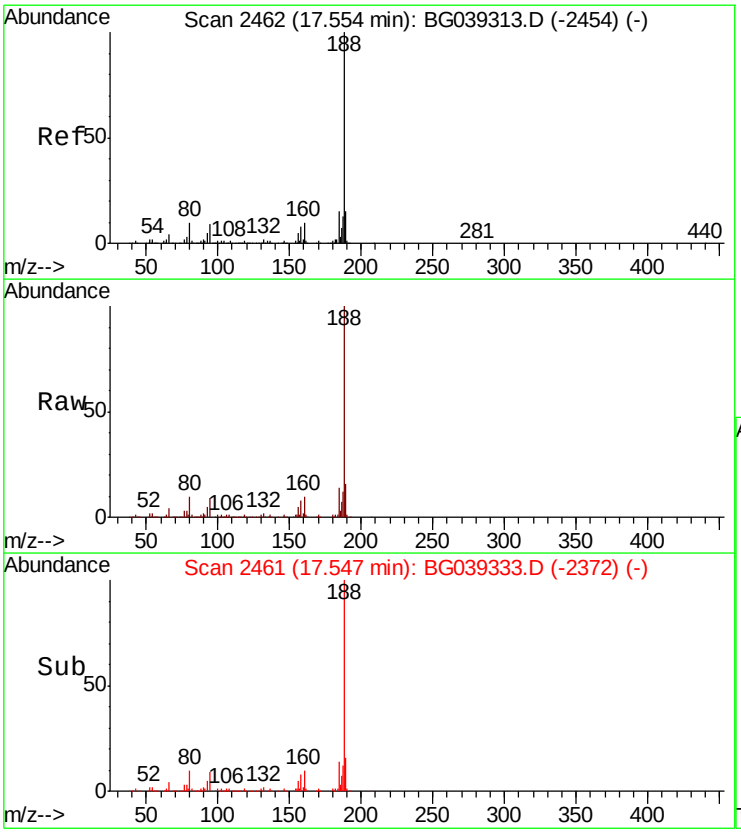
#62
4-Nitroaniline
Concen: 4.231 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.40 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-D-M

Tgt Ion:138 Resp: 67

Ion	Ratio	Lower	Upper
138	100		
92	767.7	38.7	78.7#
108	0.0	74.6	114.6#

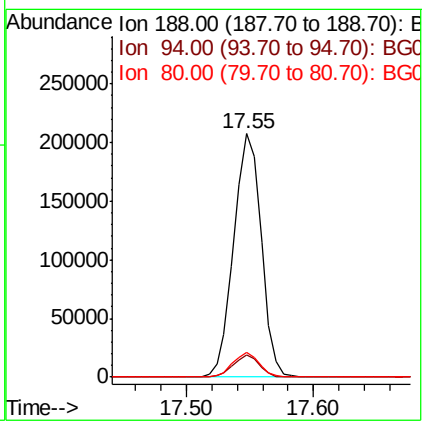


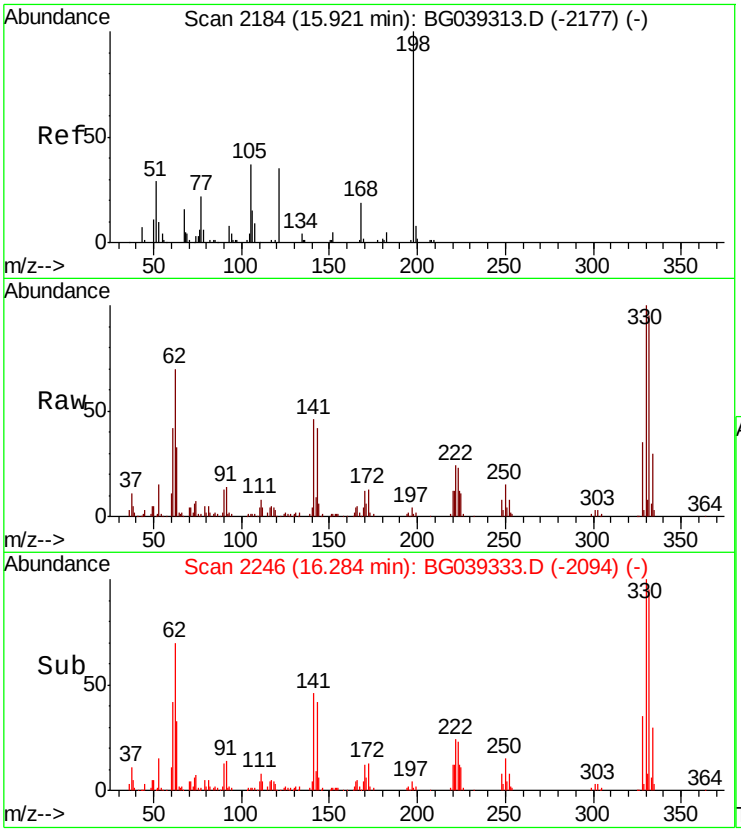


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Tgt Ion:188 Resp: 310134

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.9	10.3
80	10.4	8.1	12.1



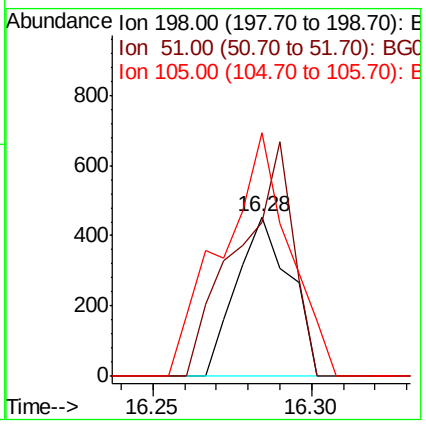


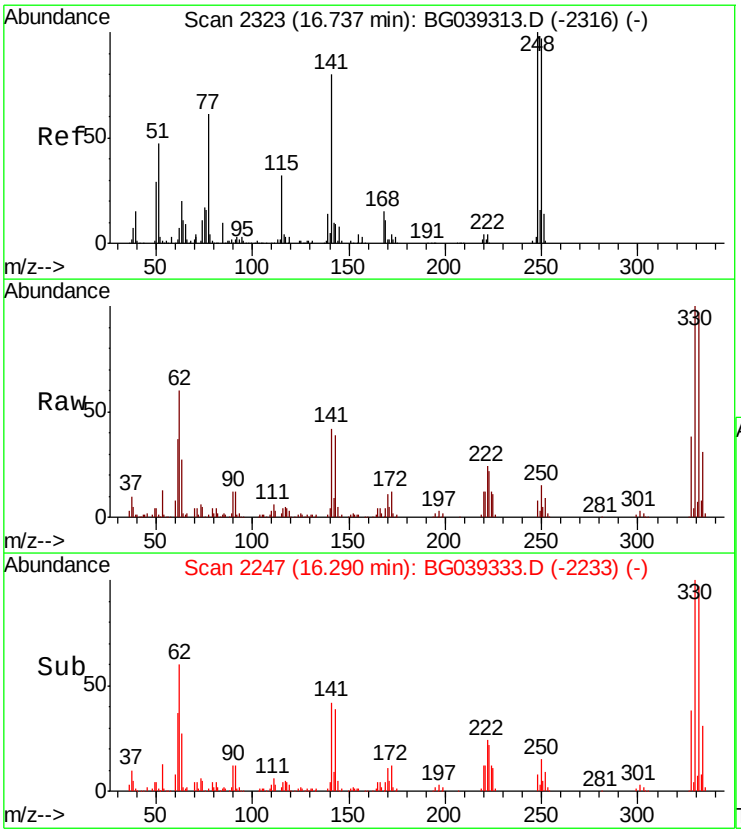
#65
4,6-Dinitro-2-methylphenol
Concen: 4.722 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.36 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-D-M

Tgt Ion:198 Resp: 530

Ion	Ratio	Lower	Upper
198	100		
51	96.7	27.4	67.4#
105	152.6	19.7	59.7#

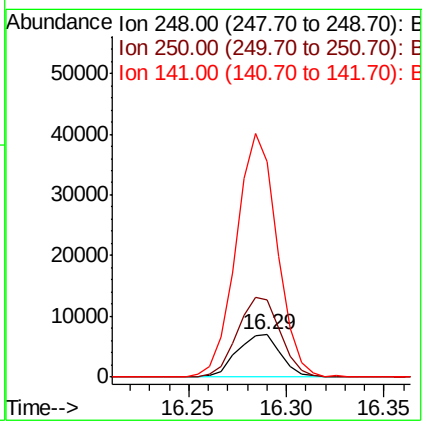


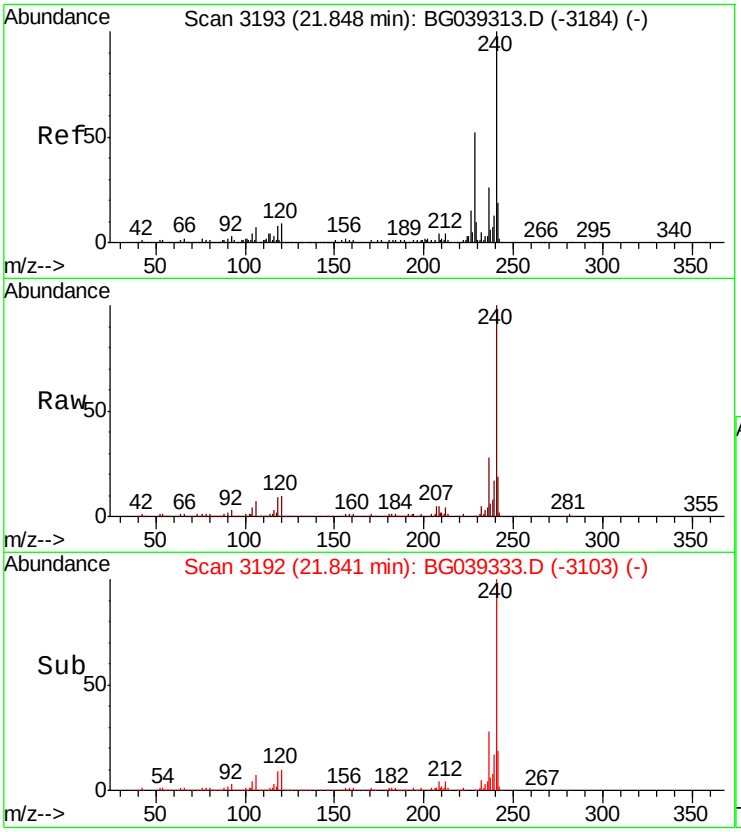


#67
4-Bromophenyl-phenylether
Concen: 3.188 ng
RT: 16.29 min Scan# 2247
Delta R.T. -0.45 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Tgt Ion:248 Resp: 10967

Ion	Ratio	Lower	Upper
248	100		
250	184.7	77.6	116.4#
141	511.3	63.9	95.9#



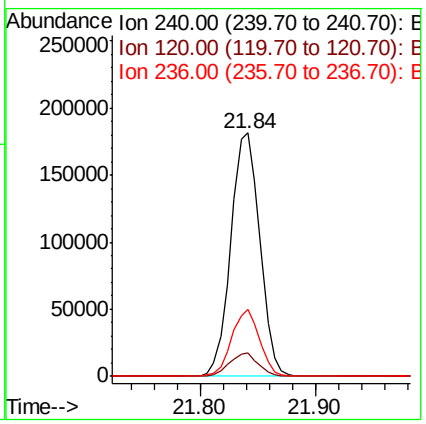


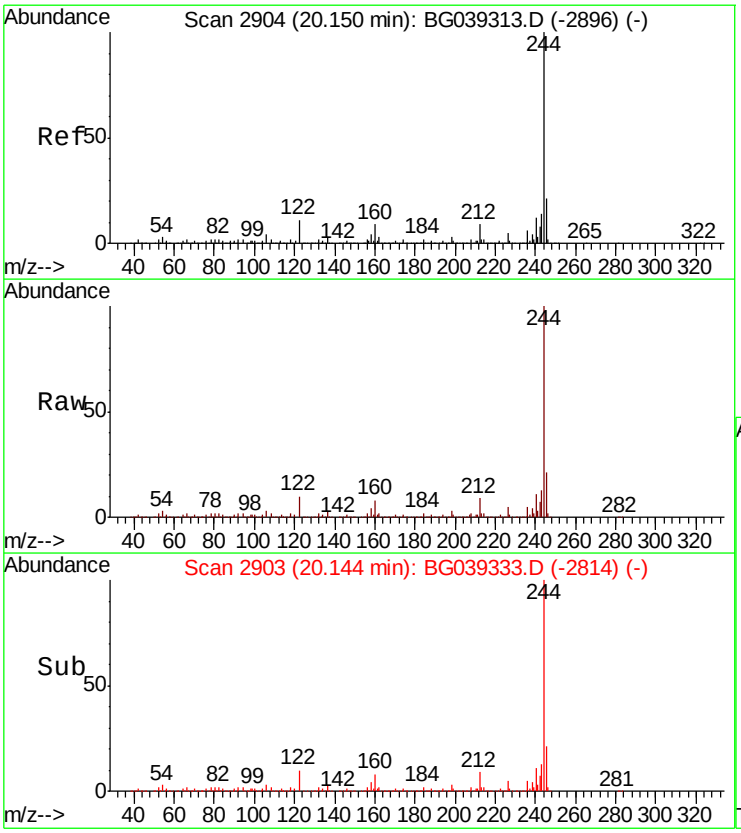
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-D-M

Tgt Ion:240 Resp: 314834

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.0	10.6
236	27.6	21.0	31.4

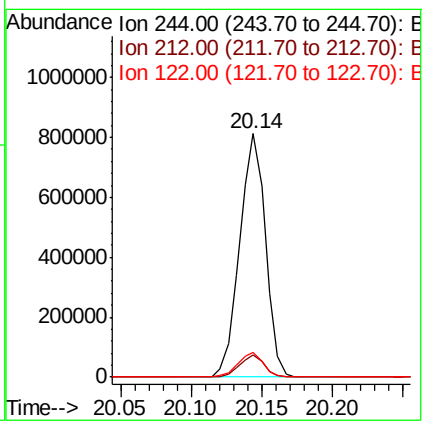


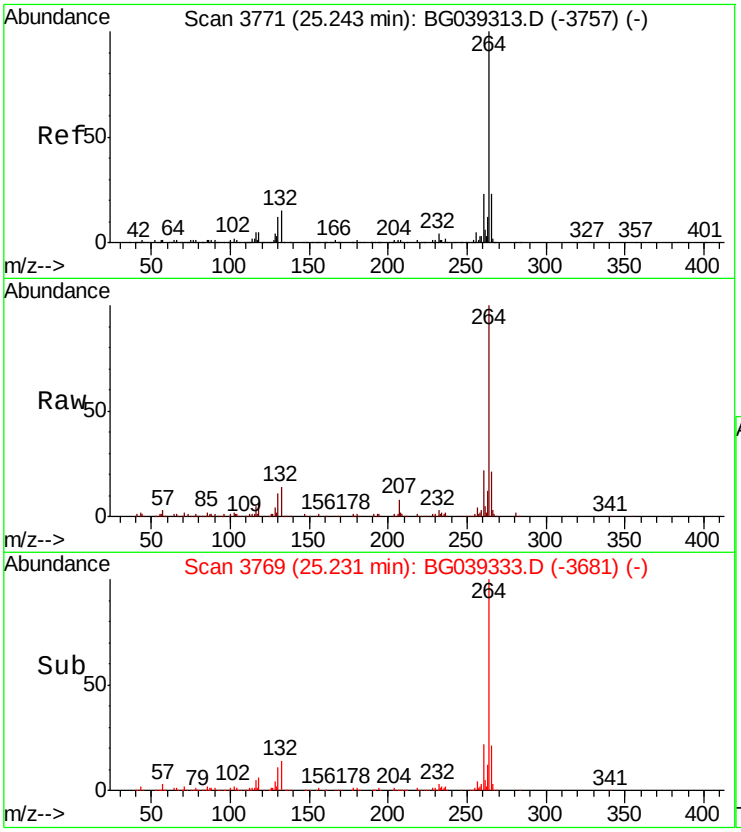


#79
Terphenyl-d14
Concen: 69.703 ng
RT: 20.14 min Scan# 2903
Delta R.T. -0.01 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Tgt Ion:244 Resp: 1036755

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.9	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.23 min Scan# 3769
Delta R.T. -0.01 min
Lab File: BG039333.D
Acq: 30 Jan 2019 18:32

Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-D-M

Tgt Ion:264 Resp: 322403

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.4
265	21.1	18.5	27.7