Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
Data File : BG039444.D
Acq On : 11 Feb 2019 21:28
Operator : JU/SJ
Sample : K1356-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-020819-B

Quant Time: Feb 12 00:18:07 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	8.17	152	54597	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	237912	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	166247	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	415891	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	439013	20.00	ng	-0.02
87) Perylene-d12	25.20	264	440083	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	466169	146.13	ng	0.00
7) Phenol-d6	7.31	99	622384	132.55	ng	-0.01
23) Nitrobenzene-d5	9.35	82	436759	114.69	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	322745	180.28	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1089745	94.03	ng	-0.02
79) Terphenyl-d14	20.13	244	1826726	88.08	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1037	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	57113	17.137	ng	# 72
26) 2-Nitrophenol	10.30	139	57	4.047	ng	# 31
31) Naphthalene	11.05	128	32539	2.757	ng	96
32) Benzoic acid	10.70	122	56	9.041	ng	# 1
48) 2-Nitroaniline	13.42	65	2145	8.890	ng	# 1
51) 2,6-Dinitrotoluene	14.79	165	21557	13.976	ng	# 25
53) 3-Nitroaniline	14.79	138	55	5.811	ng	# 1
56) 4-Nitrophenol	14.98	139	60	5.817	ng	# 57
57) 2,4-Dinitrotoluene	14.79	165	21557	13.438	ng	# 21
65) 4,6-Dinitro-2-methylphenol	16.28	198	981	4.931	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	24654	5.343	ng	# 1
77) Benzidine	20.13	184	32657	2.269	ng	97

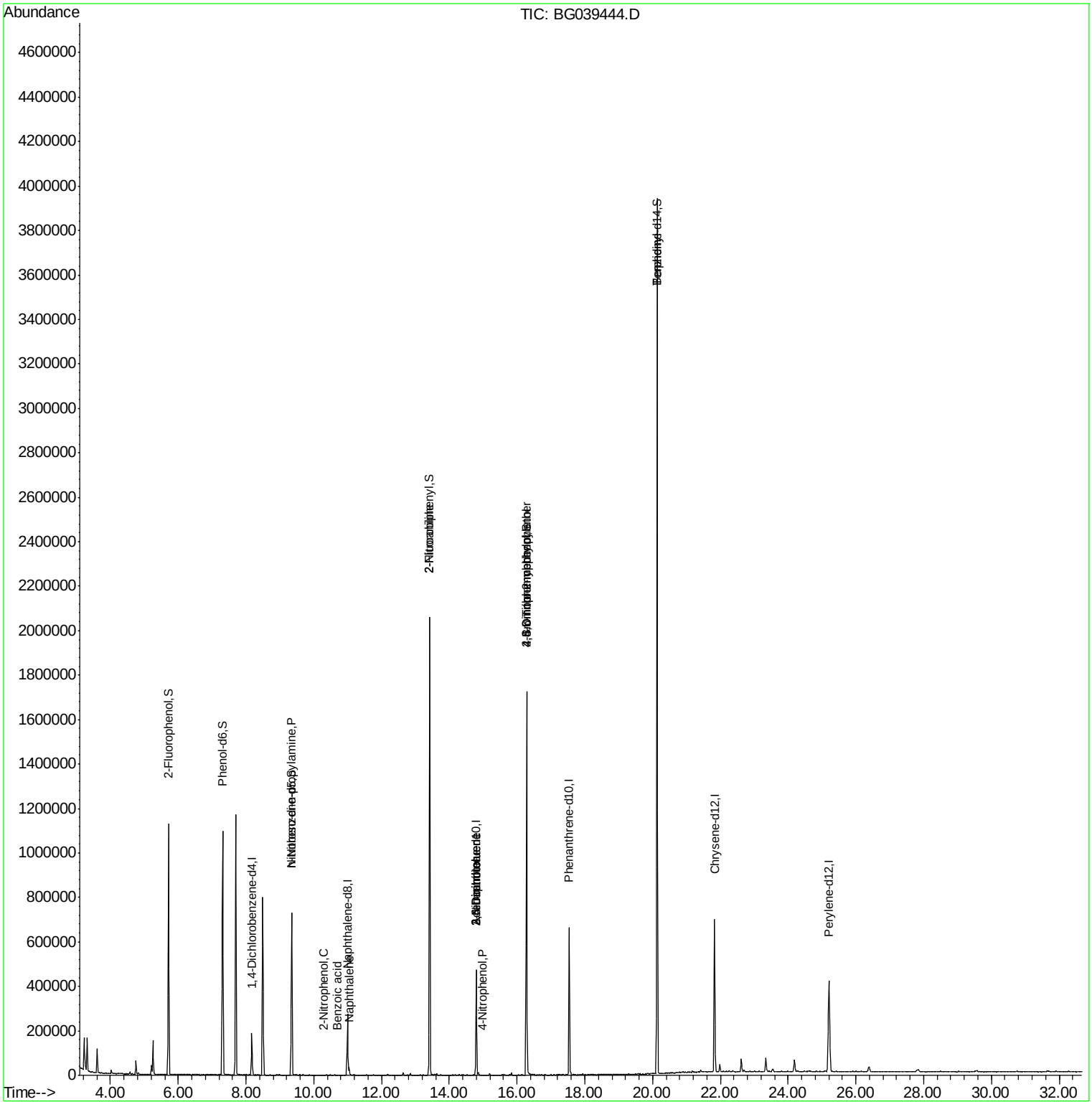
(#) = qualifier out of range (m) = manual integration (+) = signals summed

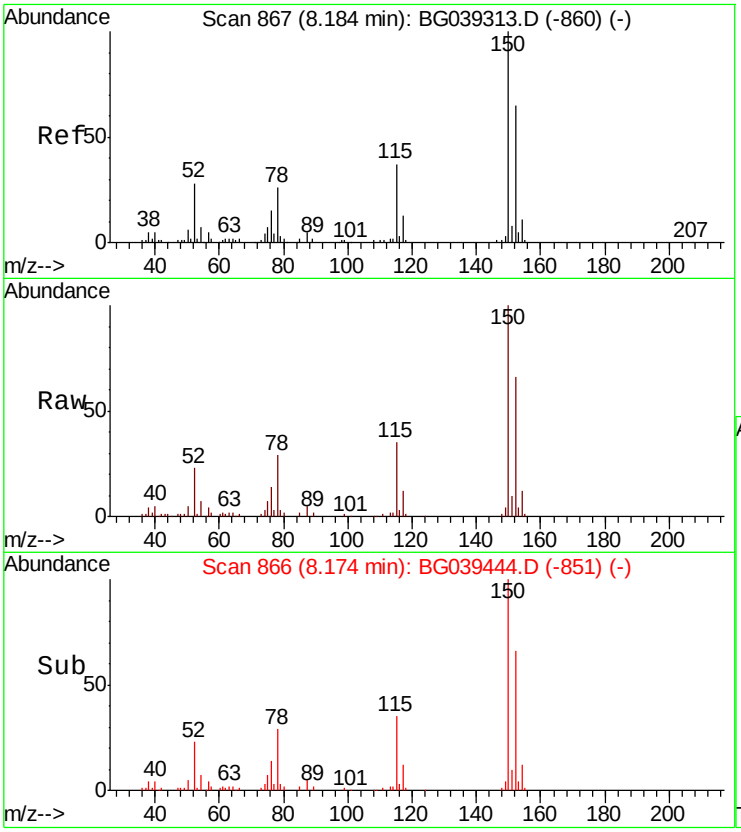
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
Data File : BG039444.D
Acq On : 11 Feb 2019 21:28
Operator : JU/SJ
Sample : K1356-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-B

Quant Time: Feb 12 00:18:07 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



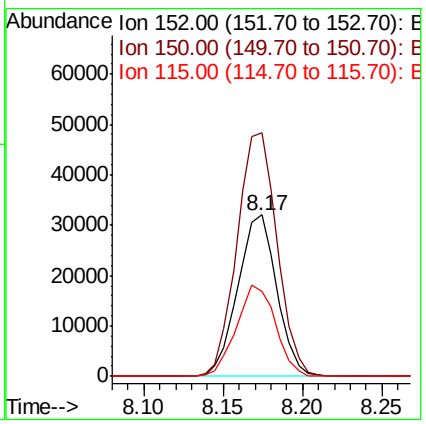


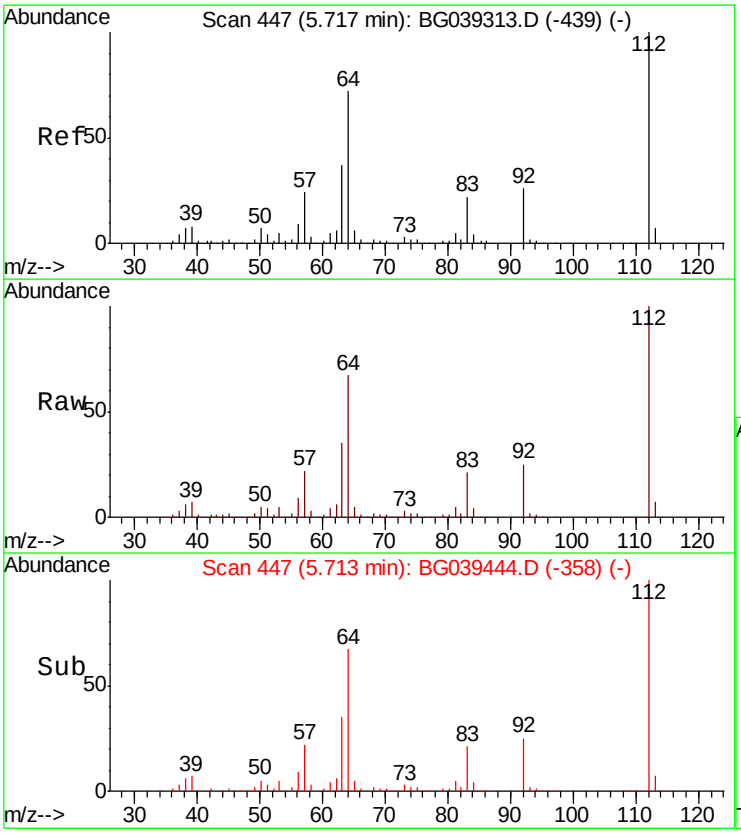
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-B

Tgt Ion:152 Resp: 54597

Ion	Ratio	Lower	Upper
152	100		
150	150.9	123.7	185.5
115	52.6	45.9	68.9

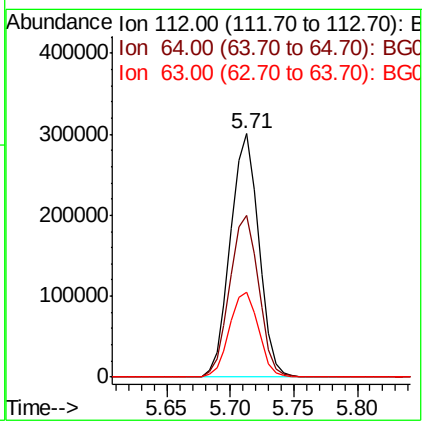


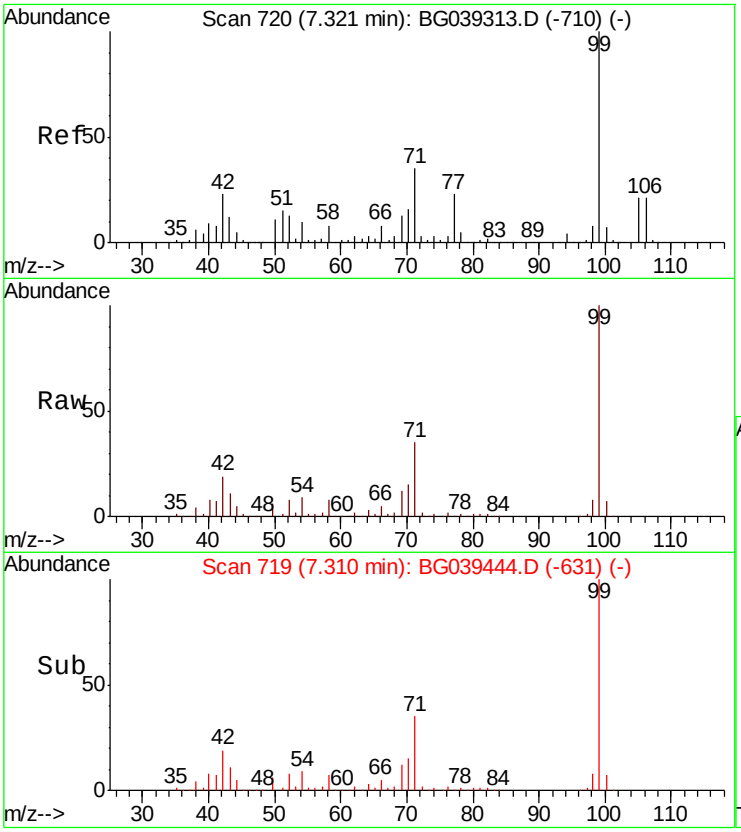


#5
2-Fluorophenol
Concen: 146.135 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Tgt Ion:112 Resp: 466169

Ion	Ratio	Lower	Upper
112	100		
64	66.6	57.8	86.8
63	35.0	29.8	44.6



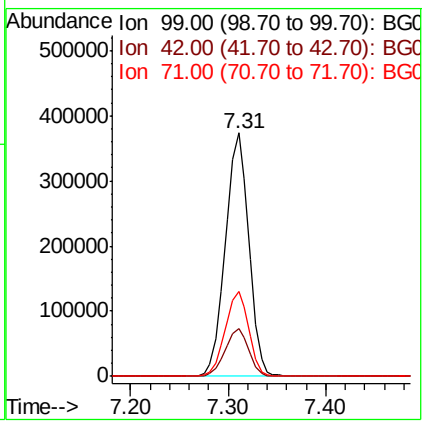


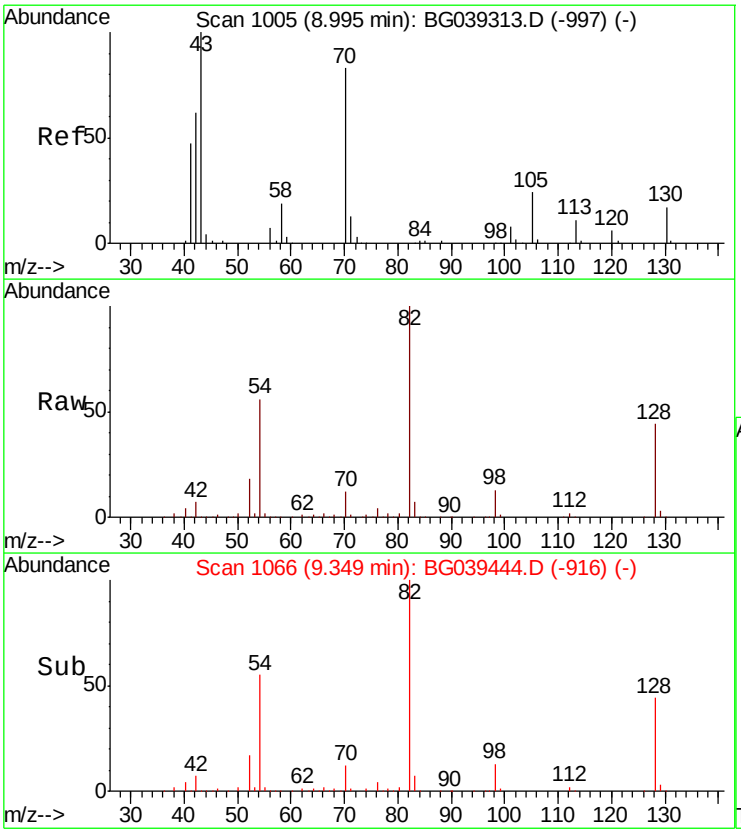
#7
Phenol-d6
Concen: 132.547 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-B

Tgt Ion: 99 Resp: 622384

Ion	Ratio	Lower	Upper
99	100		
42	19.4	18.2	27.2
71	34.8	28.0	42.0

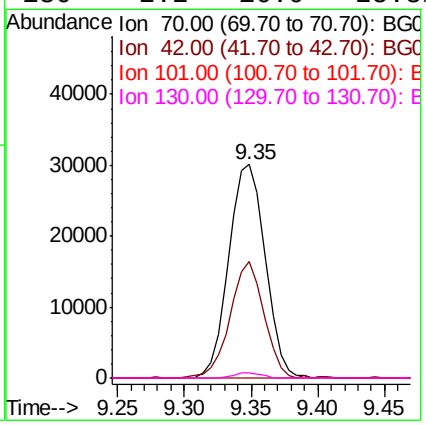


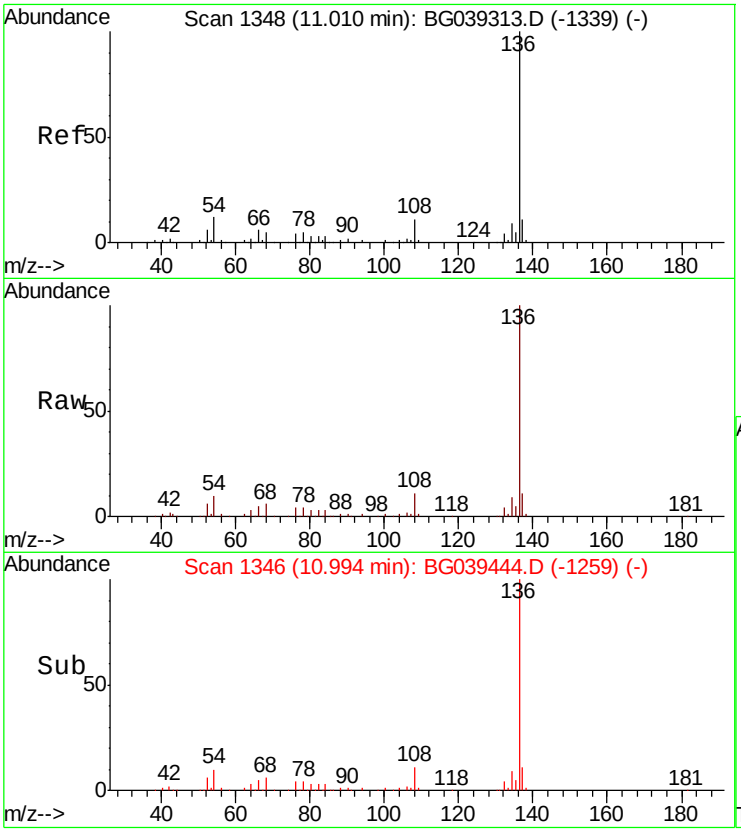


#19
n-Nitroso-di-n-propylamine
Concen: 17.137 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.35 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Tgt Ion: 70 Resp: 57113

Ion	Ratio	Lower	Upper
70	100		
42	54.6	60.4	90.6#
101	0.0	7.5	11.3#
130	2.2	16.9	25.3#



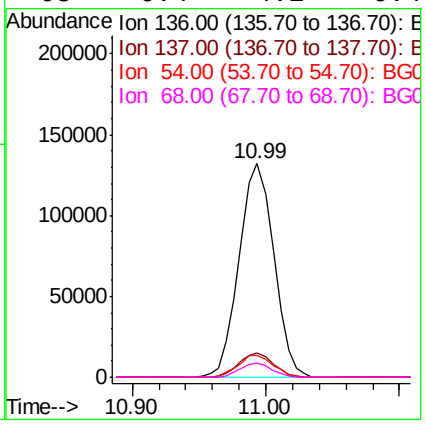


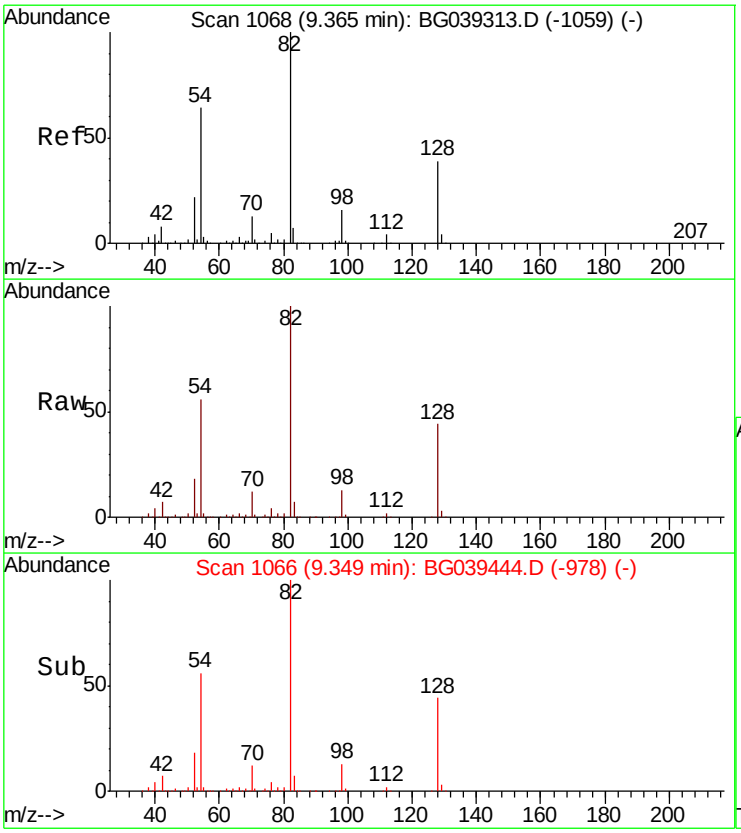
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-B

Tgt Ion:136 Resp: 237912

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.2	9.4	14.2
68	6.4	4.2	6.4

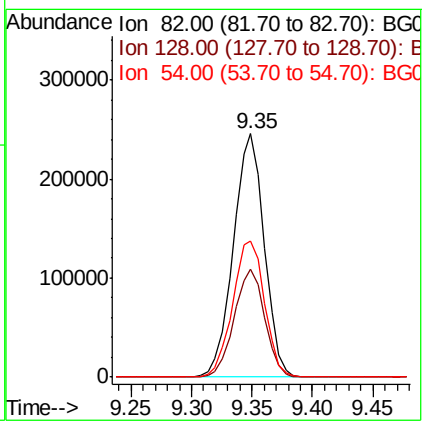


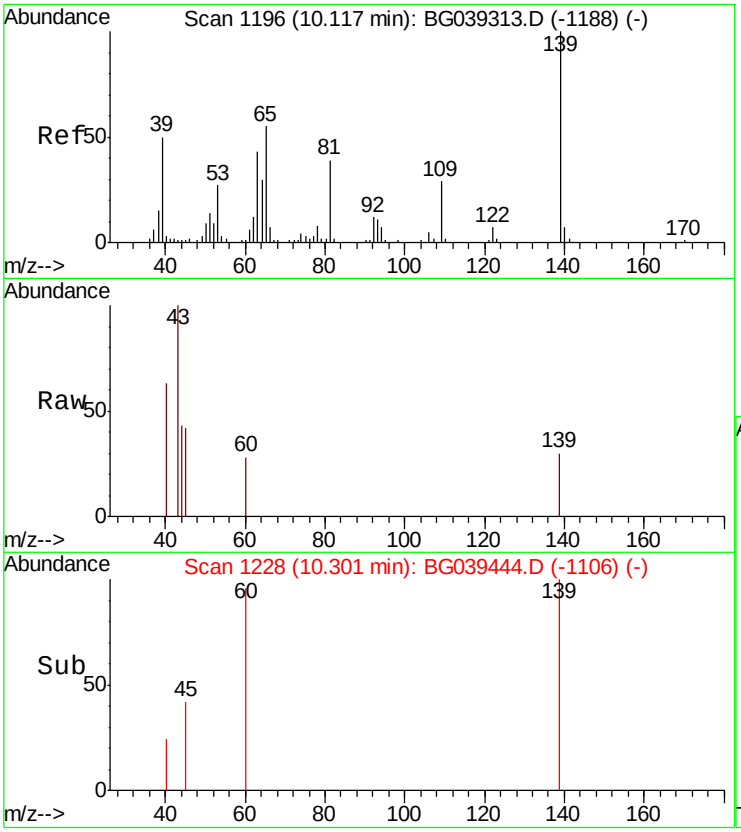


#23
Nitrobenzene-d5
Concen: 114.685 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.02 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Tgt Ion: 82 Resp: 436759

Ion	Ratio	Lower	Upper
82	100		
128	44.5	31.3	46.9
54	55.7	50.9	76.3



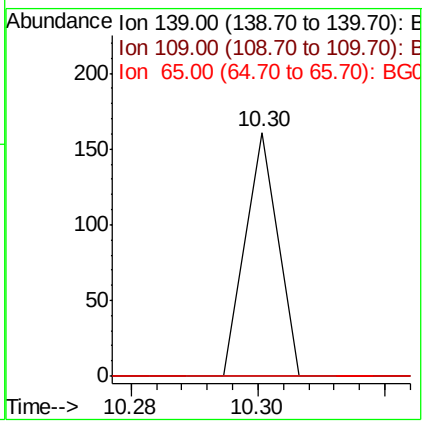


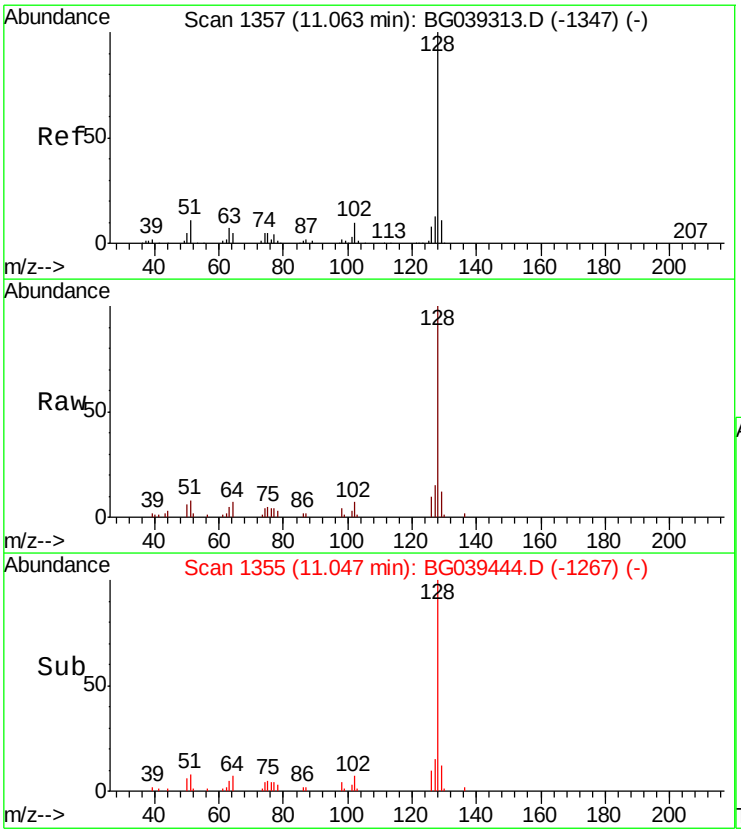
#26
2-Nitrophenol
Concen: 4.047 ng
RT: 10.30 min Scan# 1228
Delta R.T. 0.18 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-B

Tgt Ion:139 Resp: 57

Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.4	35.0#
65	0.0	44.3	66.5#

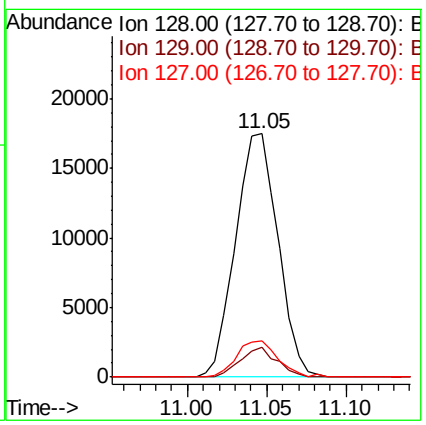


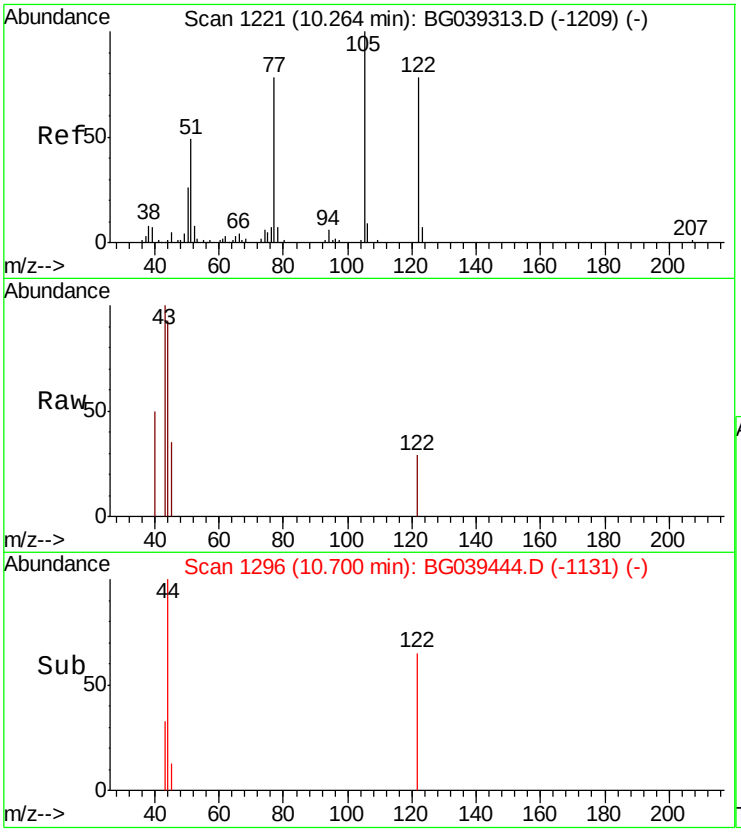


#31
Naphthalene
Concen: 2.757 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Tgt Ion:128 Resp: 32539

Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.7	13.1
127	14.9	10.8	16.2



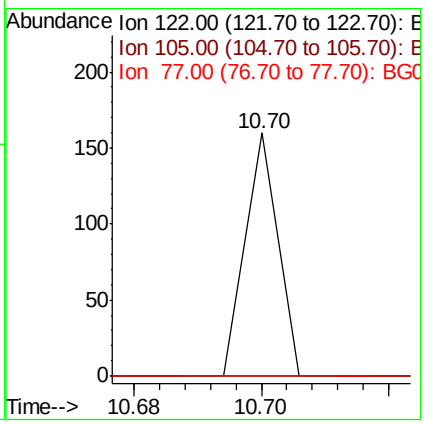


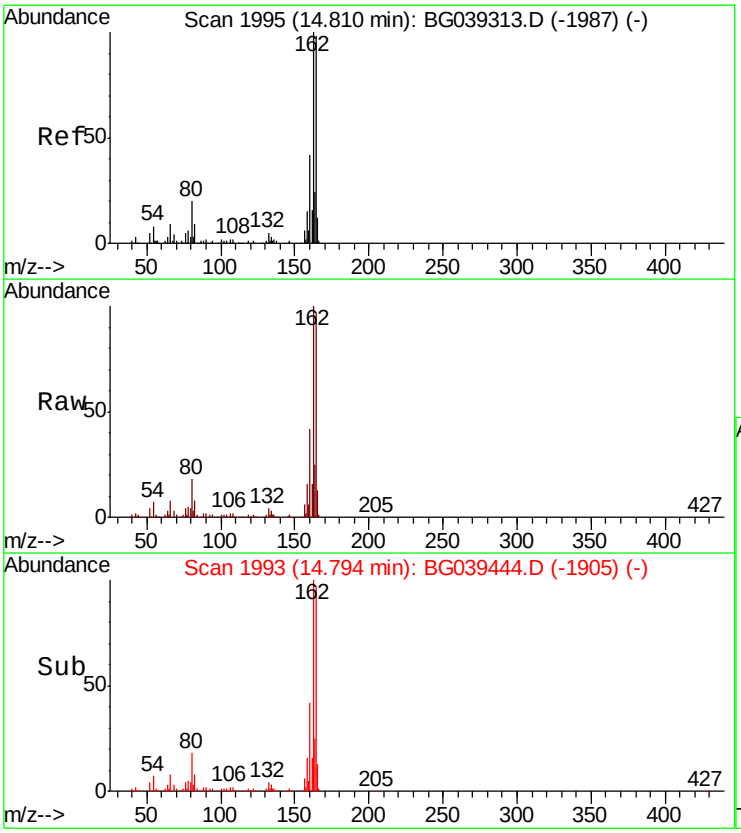
#32
Benzoic acid
Concen: 9.041 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.44 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-B

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#

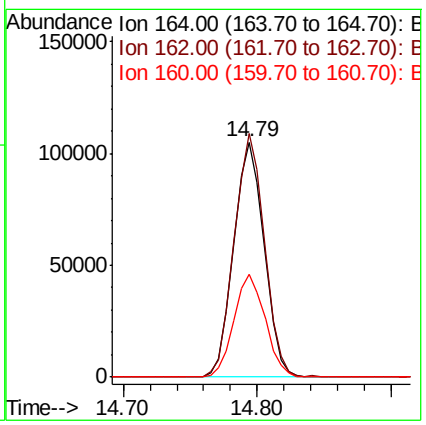


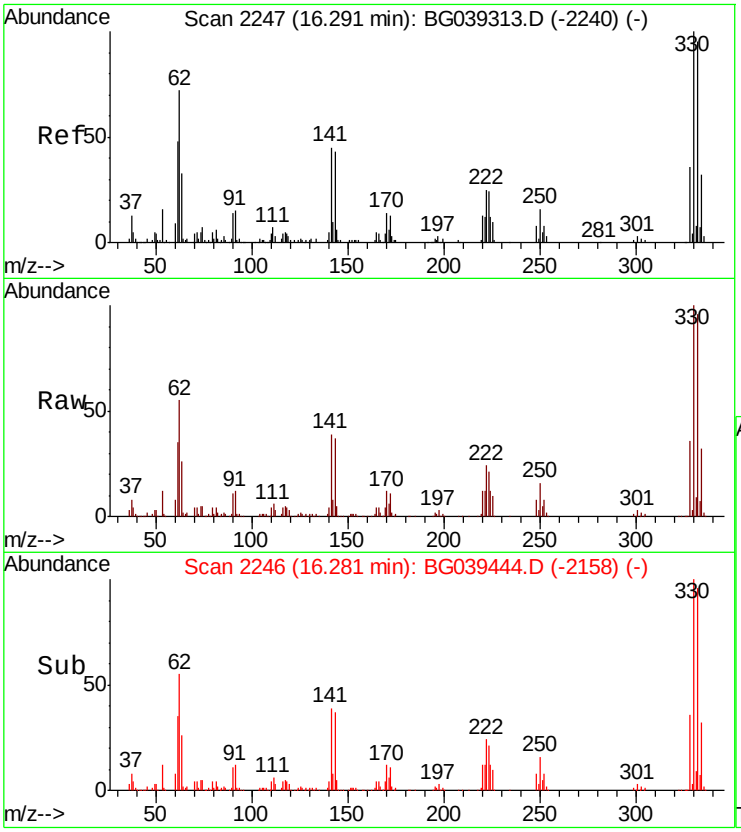


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Tgt Ion:164 Resp: 166247

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.6	122.4
160	43.5	34.2	51.2



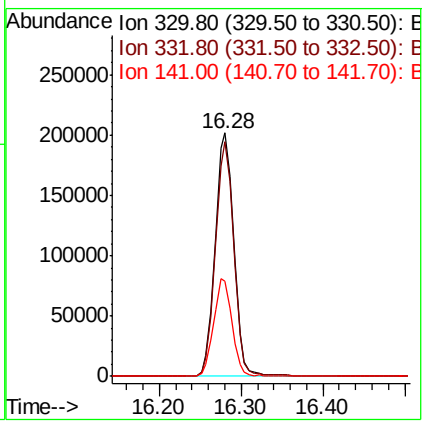


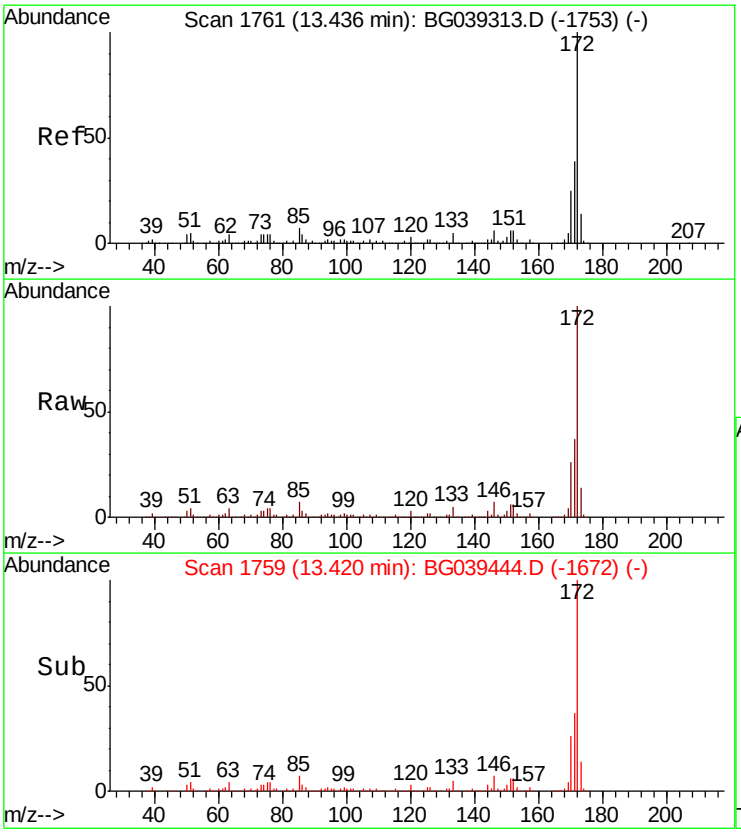
#42
2,4,6-Tribromophenol
Concen: 180.285 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-B

Tgt Ion:330 Resp: 322745

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.7	113.5
141	39.1	35.6	53.4

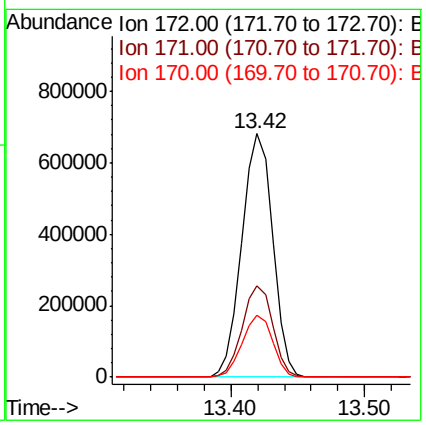


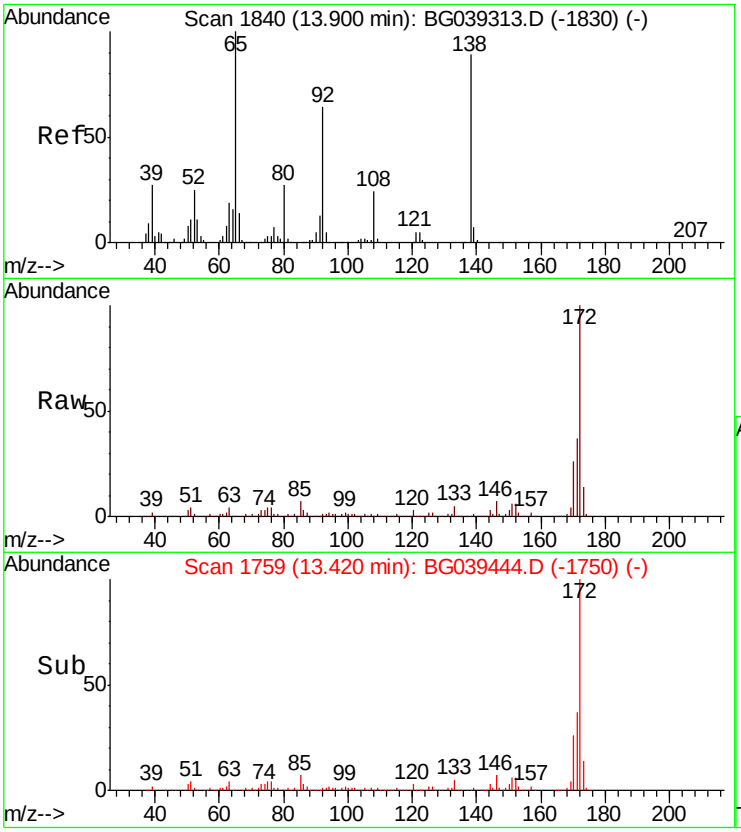


#45
2-Fluorobiphenyl
Concen: 94.034 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Tgt Ion:172 Resp: 1089745

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	25.6	20.2	30.4



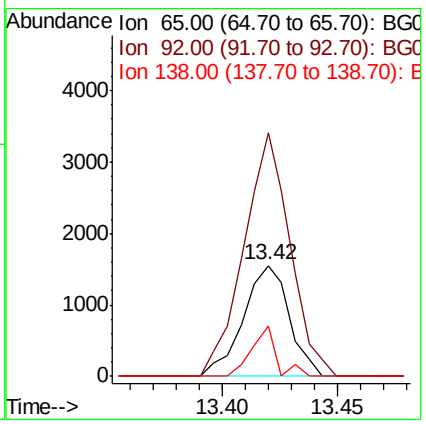


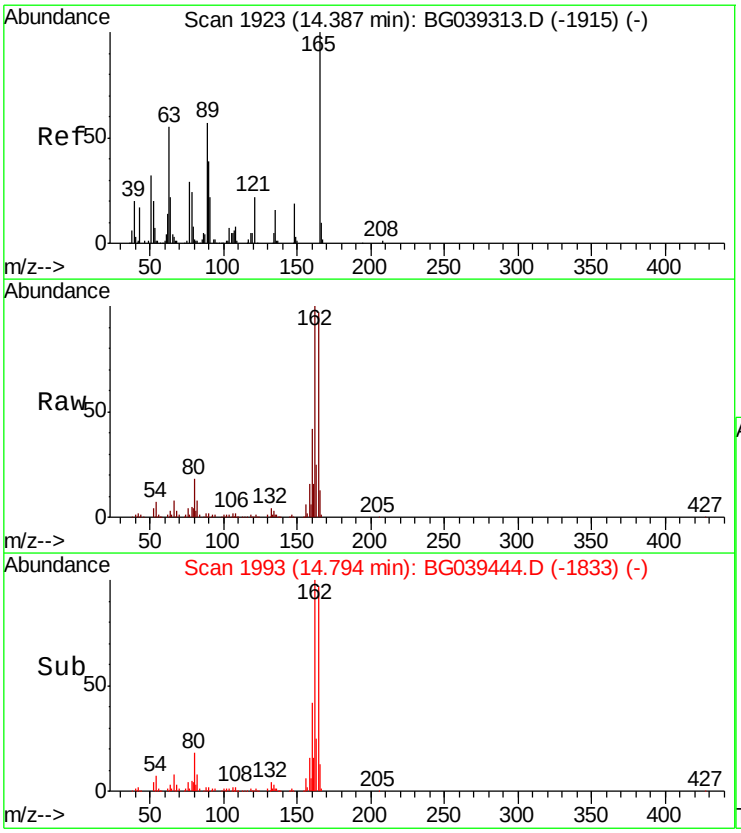
#48
2-Nitroaniline
Concen: 8.890 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.48 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-B

Tgt Ion: 65 Resp: 2145

Ion	Ratio	Lower	Upper
65	100		
92	220.3	51.4	77.2#
138	45.5	71.4	107.2#

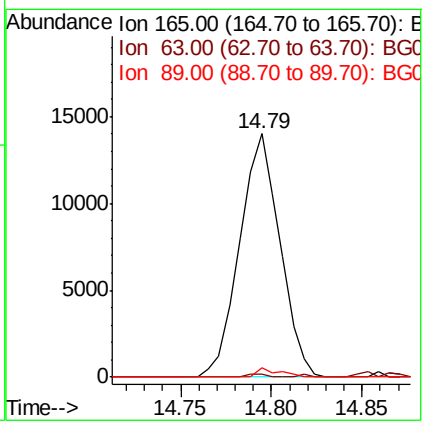


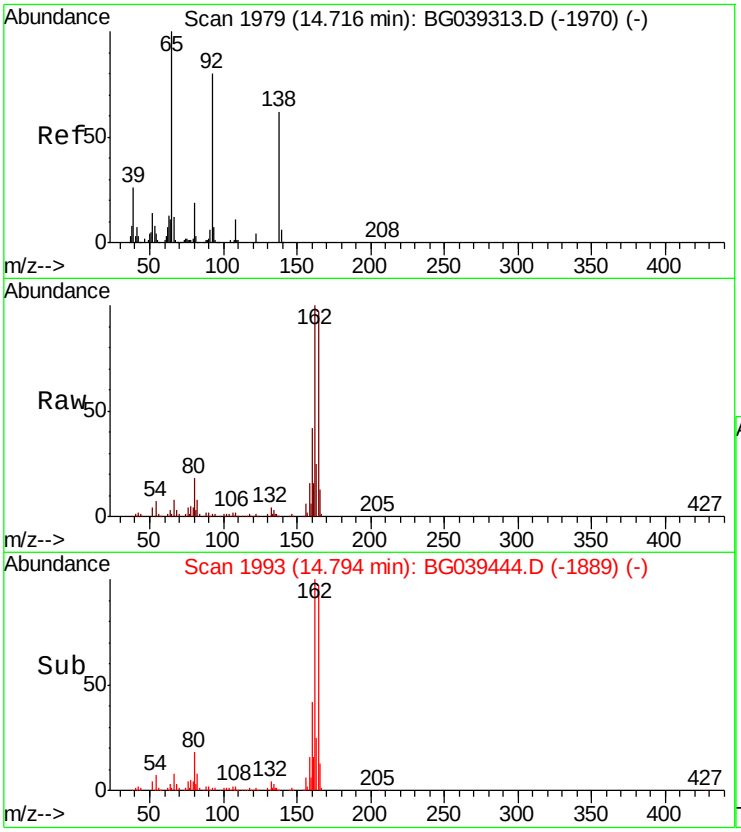


#51
2,6-Dinitrotoluene
Concen: 13.976 ng
RT: 14.79 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Tgt Ion:165 Resp: 21557

Ion	Ratio	Lower	Upper
165	100		
63	1.4	47.0	70.6#
89	3.8	45.8	68.8#



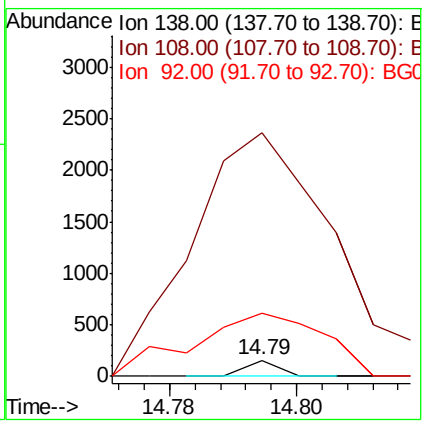


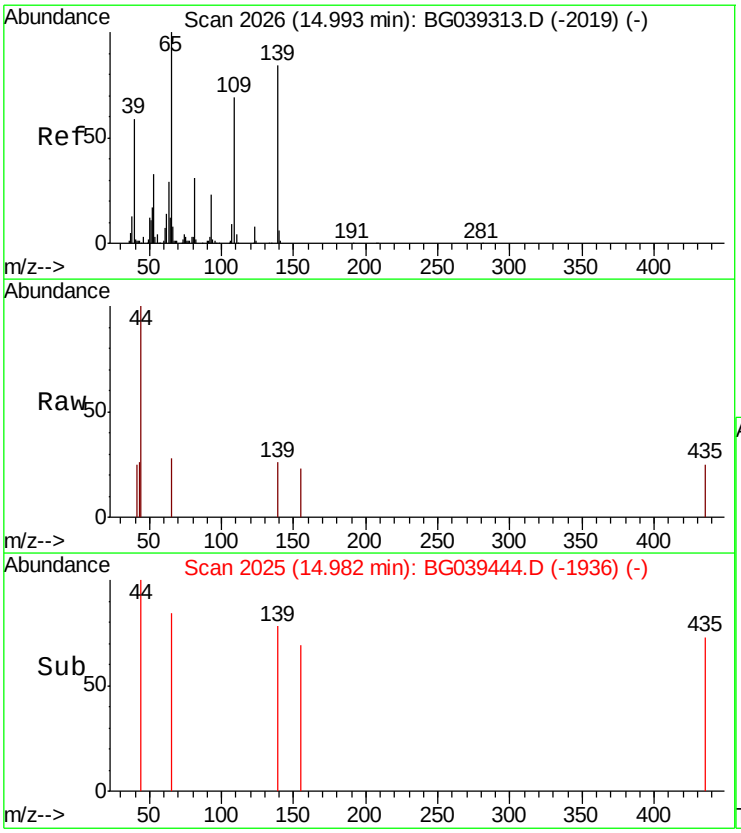
#53
3-Nitroaniline
Concen: 5.811 ng
RT: 14.79 min Scan# 1993
Delta R.T. 0.08 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-B

Tgt Ion:138 Resp: 55

Ion	Ratio	Lower	Upper
138	100		
108	1523.9	13.8	20.8#
92	395.5	103.7	155.5#

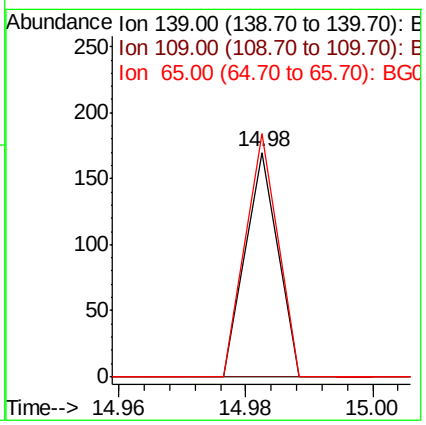


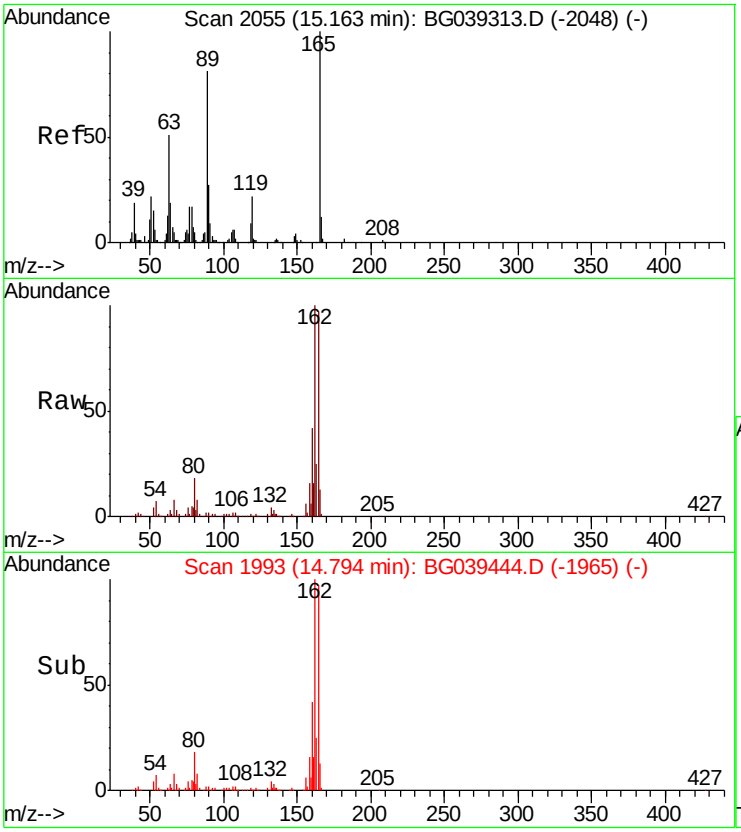


#56
4-Nitrophenol
Concen: 5.817 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Tgt Ion:139 Resp: 60

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	108.2	99.1	139.1



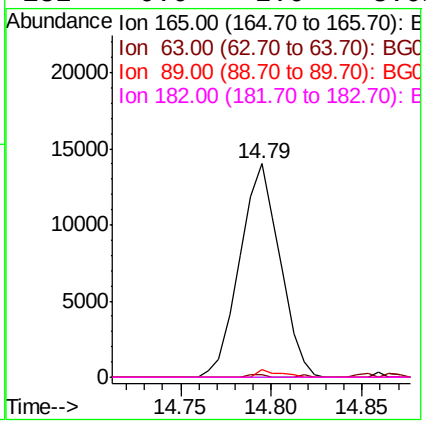


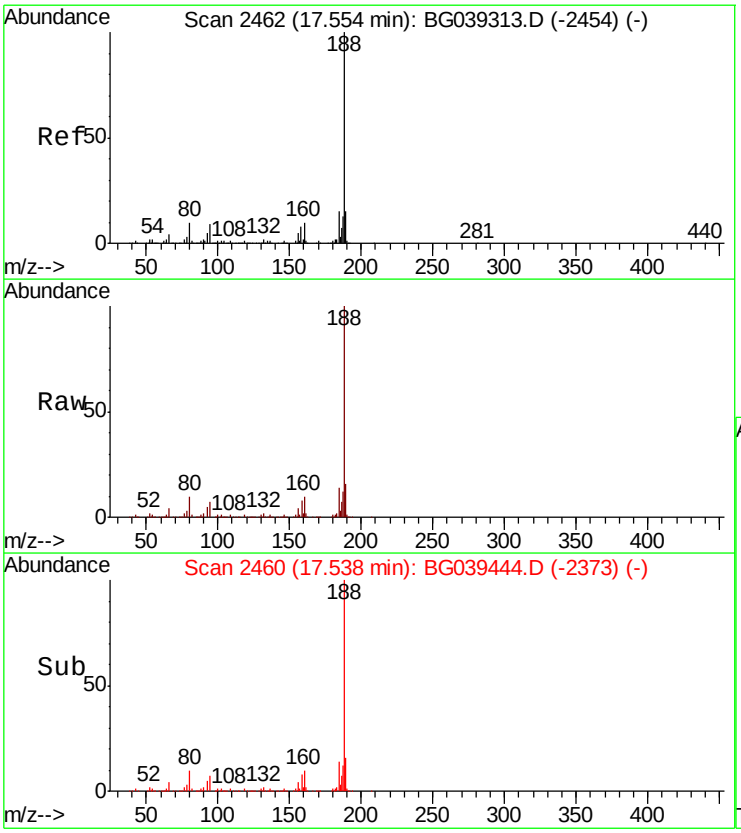
#57
2,4-Dinitrotoluene
Concen: 13.438 ng
RT: 14.79 min Scan# 1993
Delta R.T. -0.37 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-B

Tgt Ion:165 Resp: 21557

Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.0	61.6#
89	3.8	64.6	96.8#
182	0.0	2.0	3.0#

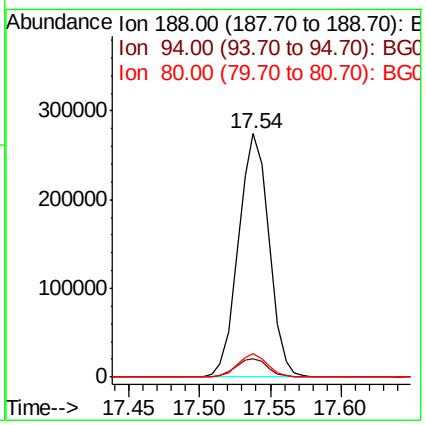


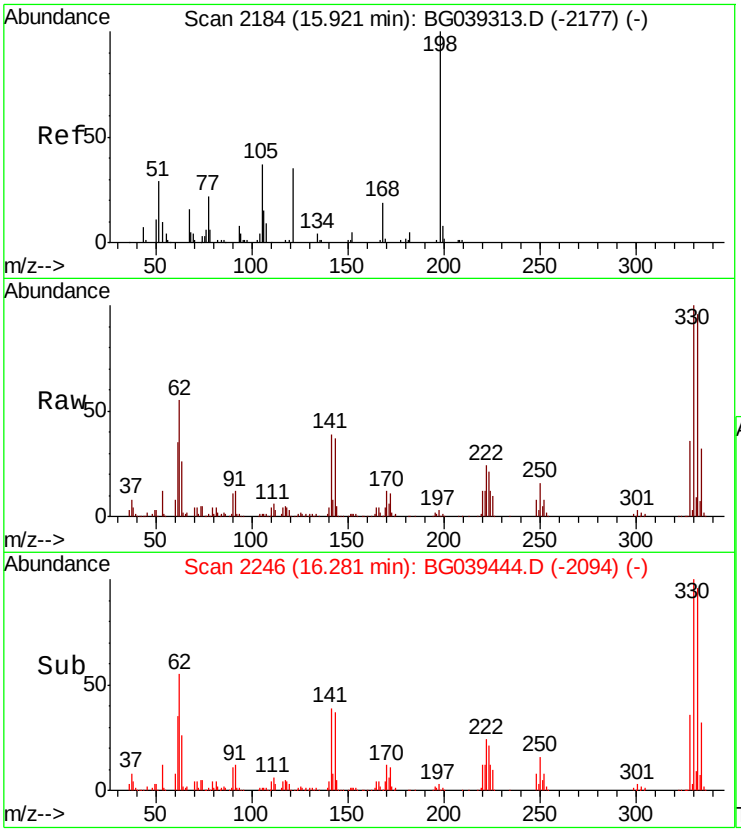


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Tgt Ion:188 Resp: 415891

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	9.7	8.1	12.1



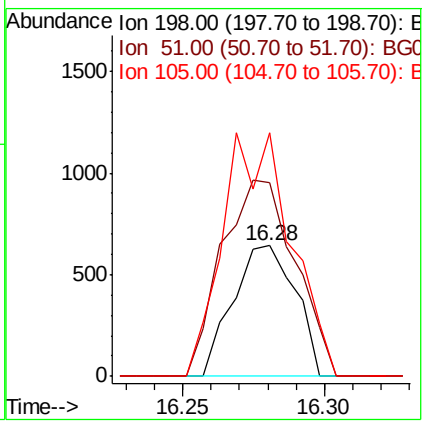


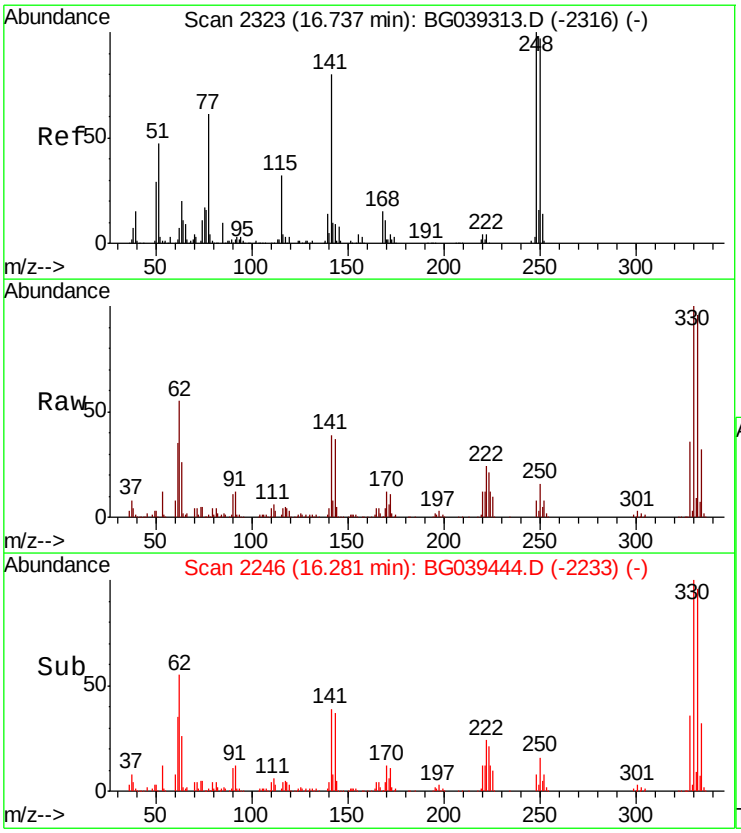
#65
4,6-Dinitro-2-methylphenol
Concen: 4.931 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.36 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-B

Tgt Ion:198 Resp: 981

Ion	Ratio	Lower	Upper
198	100		
51	148.7	27.4	67.4#
105	186.0	19.7	59.7#

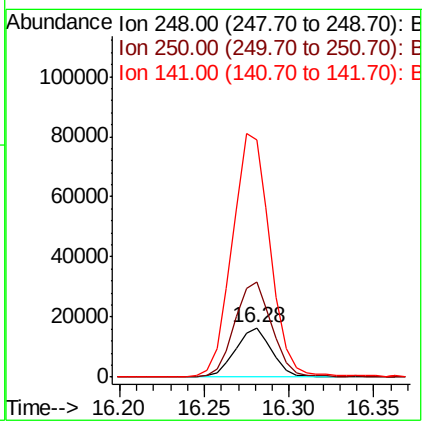


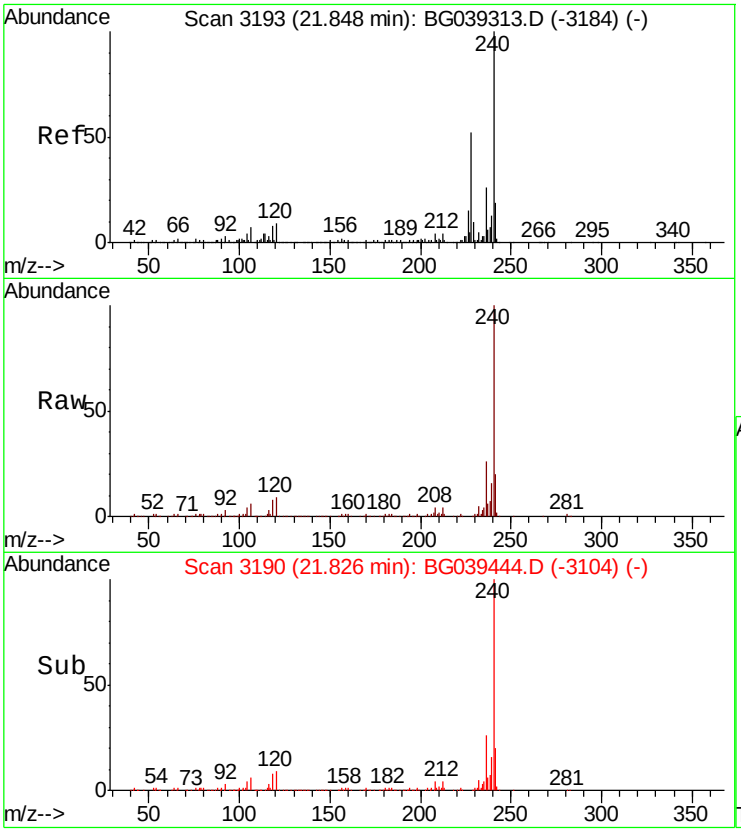


#67
4-Bromophenyl-phenylether
Concen: 5.343 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.46 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Tgt Ion:248 Resp: 24654

Ion	Ratio	Lower	Upper
248	100		
250	191.8	77.6	116.4#
141	479.7	63.9	95.9#



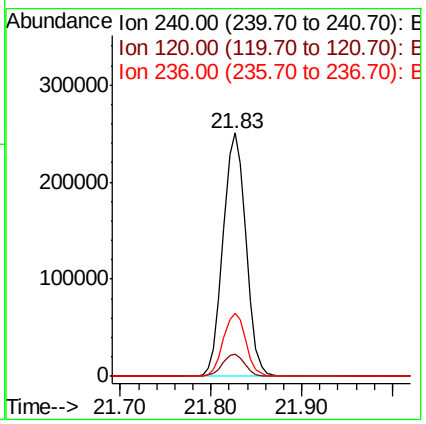


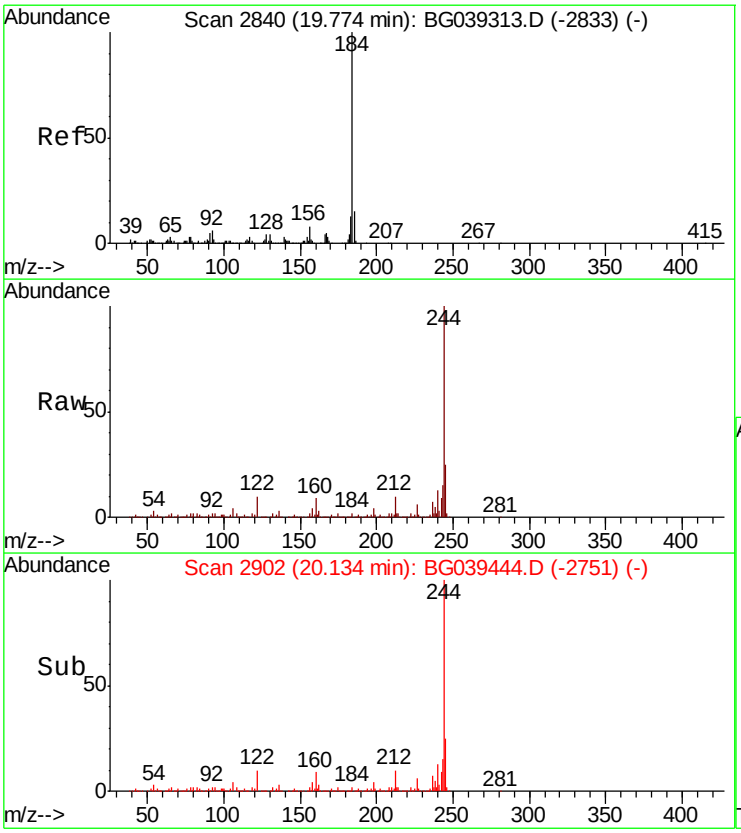
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-B

Tgt Ion:240 Resp: 439013

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	26.1	21.0	31.4

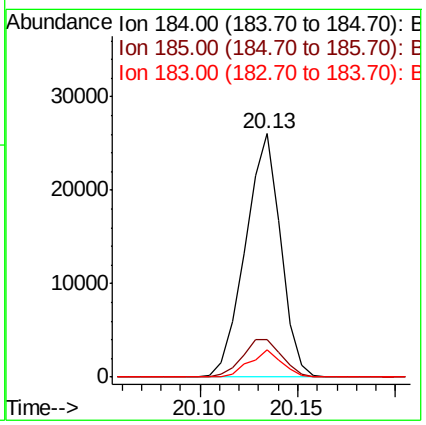


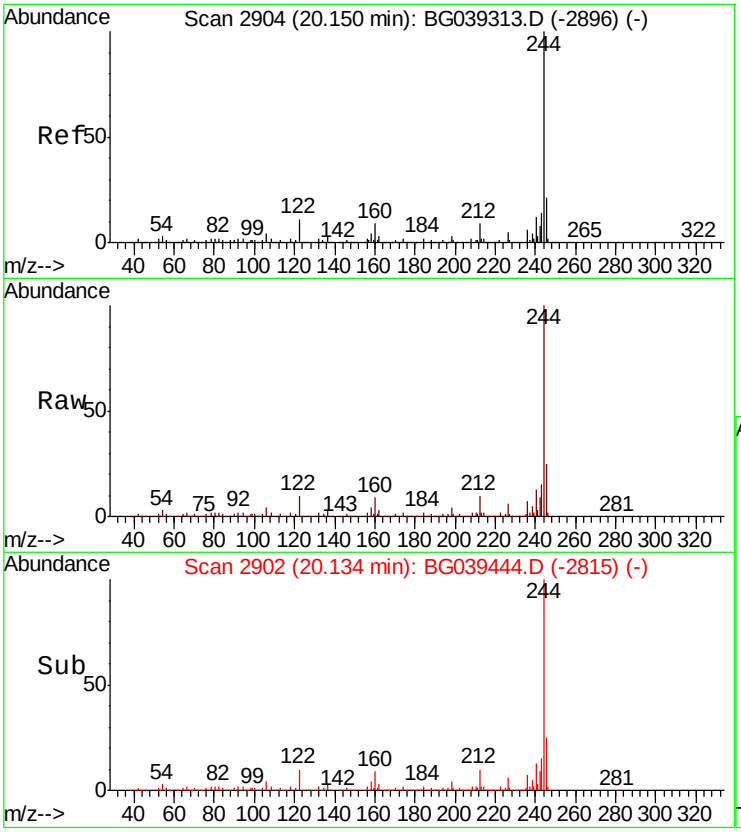


#77
Benzidine
Concen: 2.269 ng
RT: 20.13 min Scan# 2902
Delta R.T. 0.36 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Tgt Ion:184 Resp: 32657

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.2
183	11.4	10.6	15.8



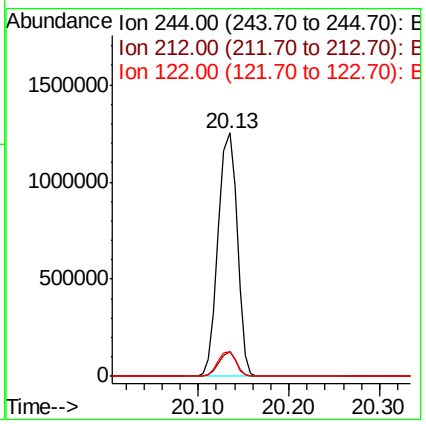


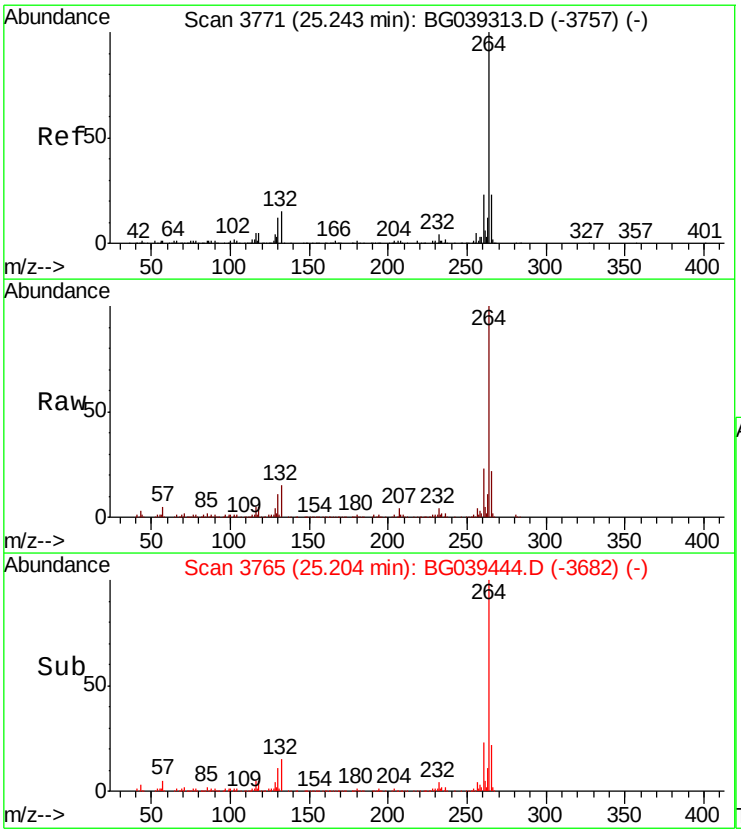
#79
Terphenyl-d14
Concen: 88.075 ng
RT: 20.13 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-B

Tgt Ion:244 Resp: 1826726

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.3	10.9
122	10.4	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Tgt Ion:264 Resp: 440083

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.8	18.5	27.7