Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021519\
Data File : BG039529.D
Acq On : 15 Feb 2019 20:04
Operator : JU/SJ
Sample : K1346-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-021419-E

Quant Time: Feb 16 03:20:38 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	48569	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	217548	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	154750	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	383136	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	404060	20.00	ng	-0.02
87) Perylene-d12	25.21	264	397095	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	406654	143.30	ng	0.00
7) Phenol-d6	7.32	99	563277	134.85	ng	0.00
23) Nitrobenzene-d5	9.35	82	384219	110.33	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	228430	137.08	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	963726	89.34	ng	-0.01
79) Terphenyl-d14	20.13	244	1604698	84.06	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.32	77	1090	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	49412	16.666	ng	# 71
32) Benzoic acid	10.29	122	60	9.045	ng	# 1
48) 2-Nitroaniline	13.42	65	1591	8.769	ng	# 1
51) 2,6-Dinitrotoluene	14.79	165	20116	13.994	ng	# 24
57) 2,4-Dinitrotoluene	14.79	165	20116	13.452	ng	# 19
65) 4,6-Dinitro-2-methylphenol	16.28	198	704	4.764	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	17206	4.048	ng	# 1
77) Benzidine	20.13	184	29120	2.198	ng	# 93

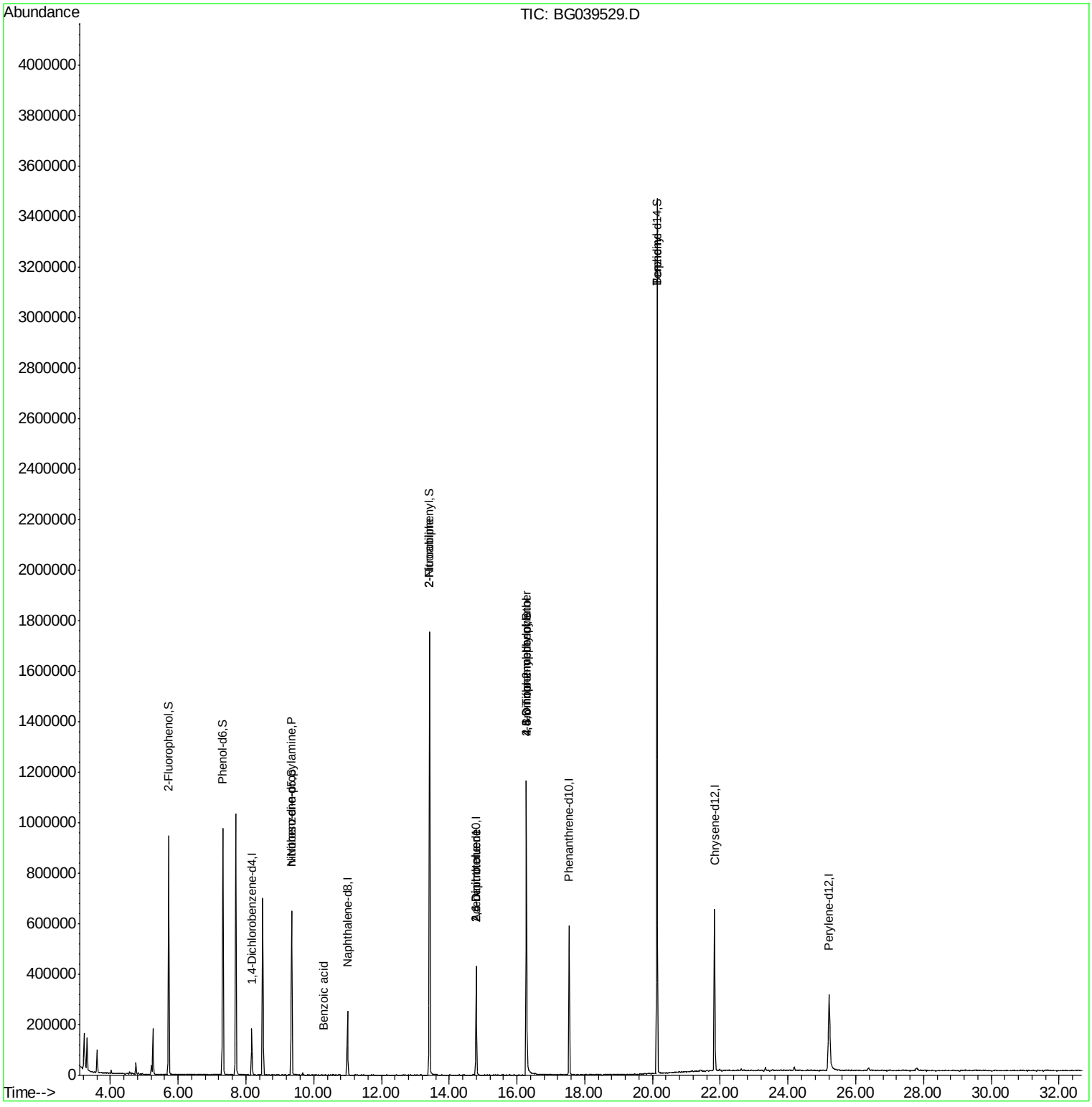
(#) = qualifier out of range (m) = manual integration (+) = signals summed

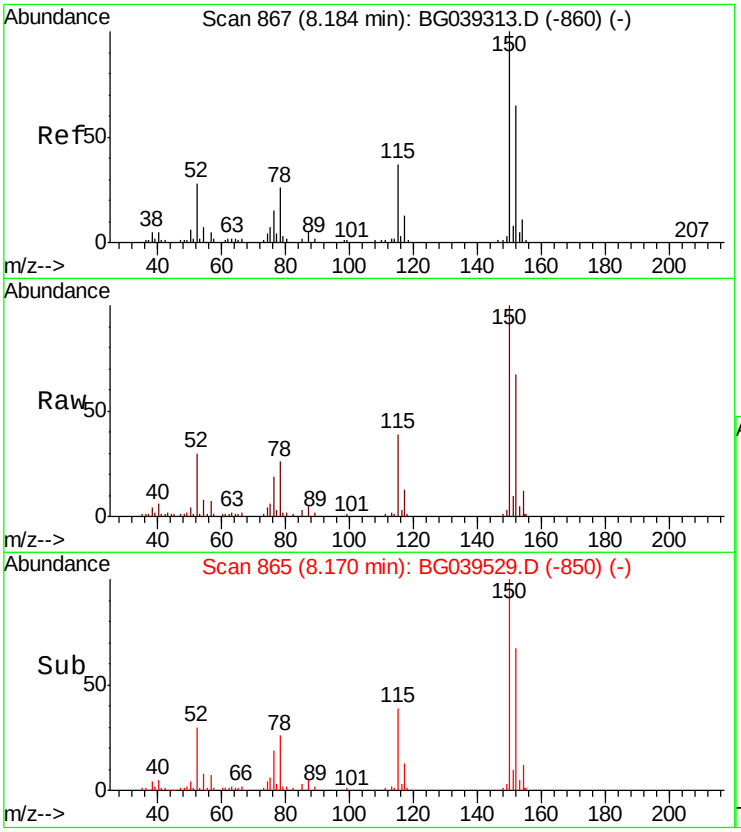
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021519\
Data File : BG039529.D
Acq On : 15 Feb 2019 20:04
Operator : JU/SJ
Sample : K1346-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-E

Quant Time: Feb 16 03:20:38 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



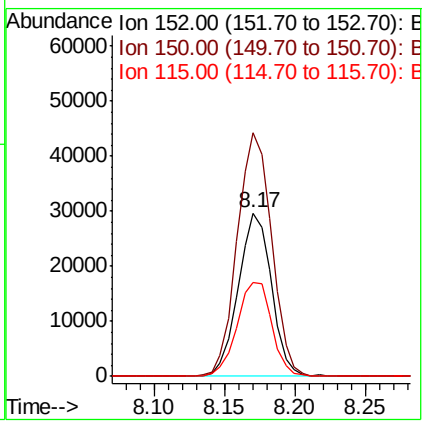


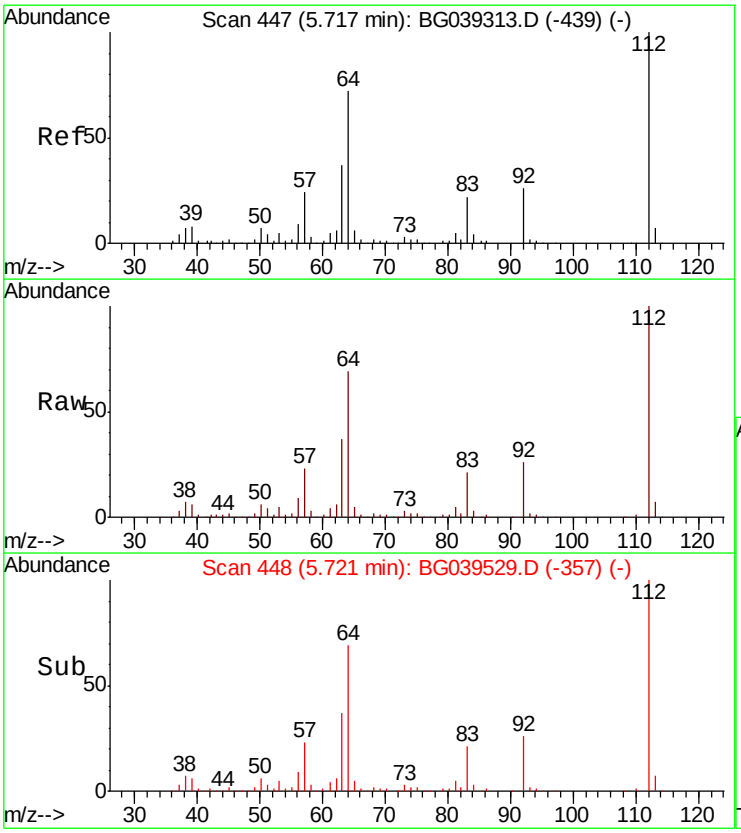
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-E

Tgt Ion:152 Resp: 48569

Ion	Ratio	Lower	Upper
152	100		
150	149.4	123.7	185.5
115	57.6	45.9	68.9

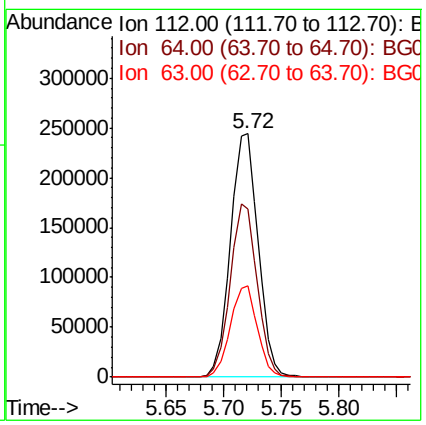


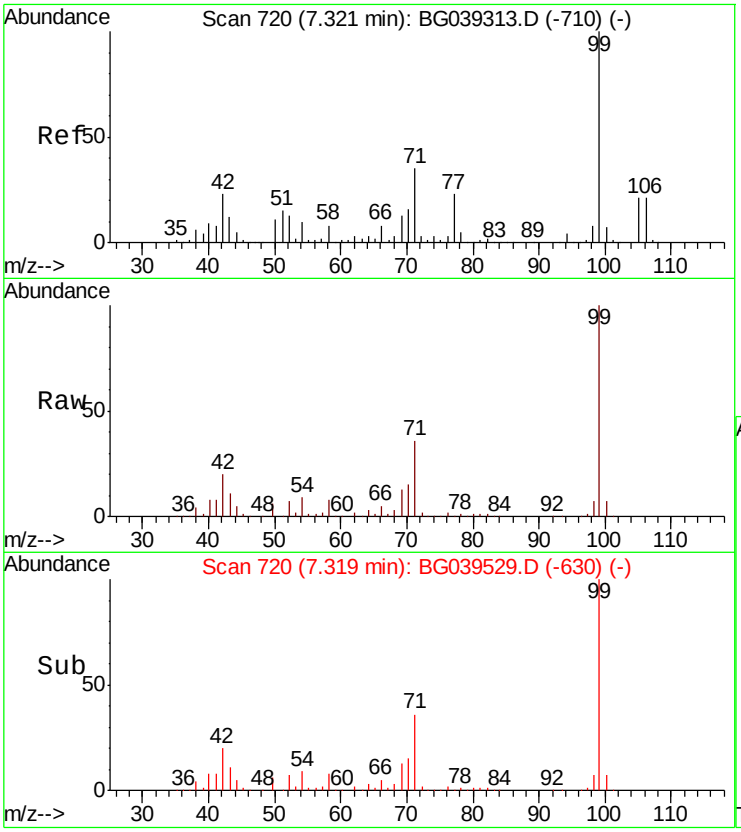


#5
2-Fluorophenol
Concen: 143.300 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Tgt Ion:112 Resp: 406654

Ion	Ratio	Lower	Upper
112	100		
64	69.0	57.8	86.8
63	37.4	29.8	44.6



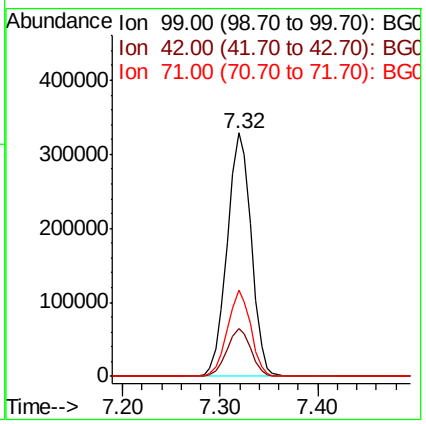


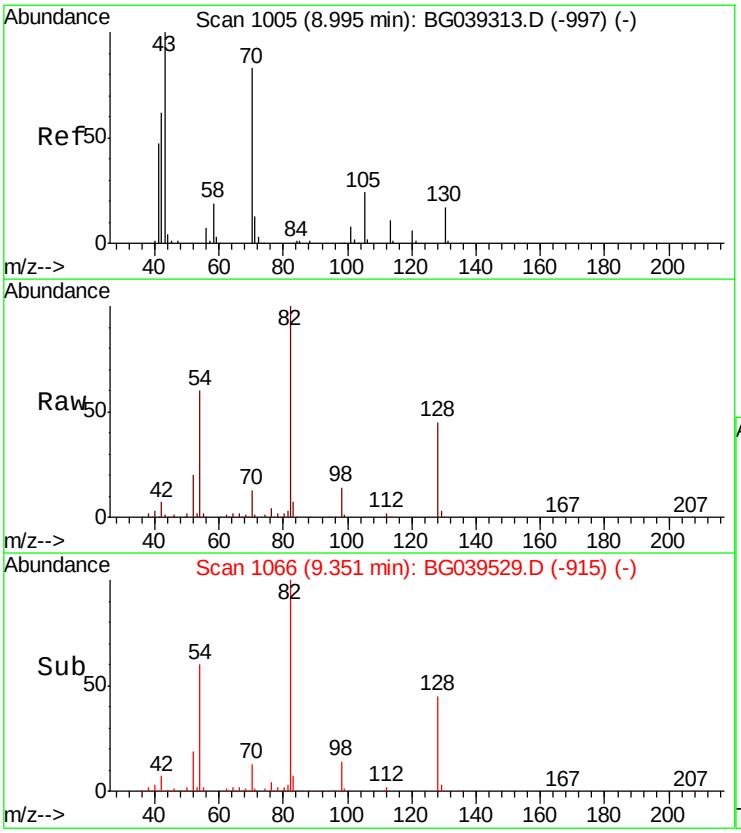
#7
Phenol-d6
Concen: 134.847 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-E

Tgt Ion: 99 Resp: 563277

Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.2	27.2
71	35.5	28.0	42.0

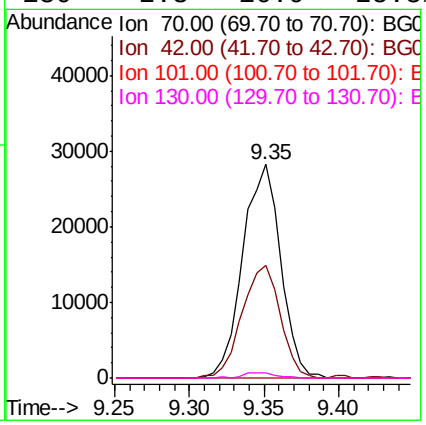


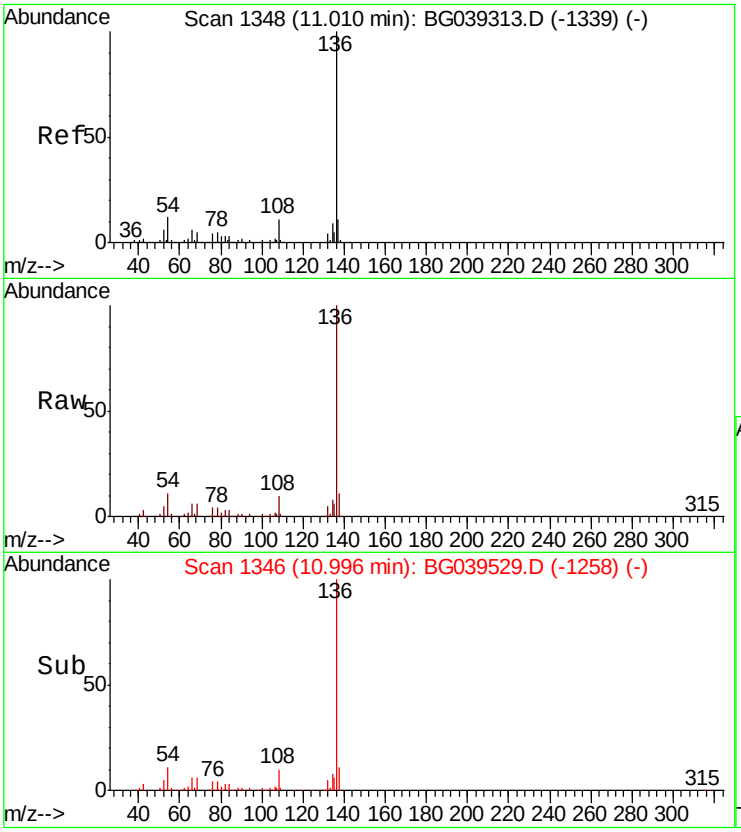


#19
n-Nitroso-di-n-propylamine
Concen: 16.666 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.36 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Tgt Ion: 70 Resp: 49412

Ion	Ratio	Lower	Upper
70	100		
42	52.6	60.4	90.6#
101	0.0	7.5	11.3#
130	2.3	16.9	25.3#



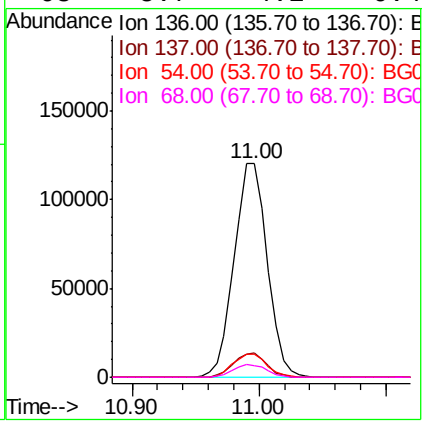


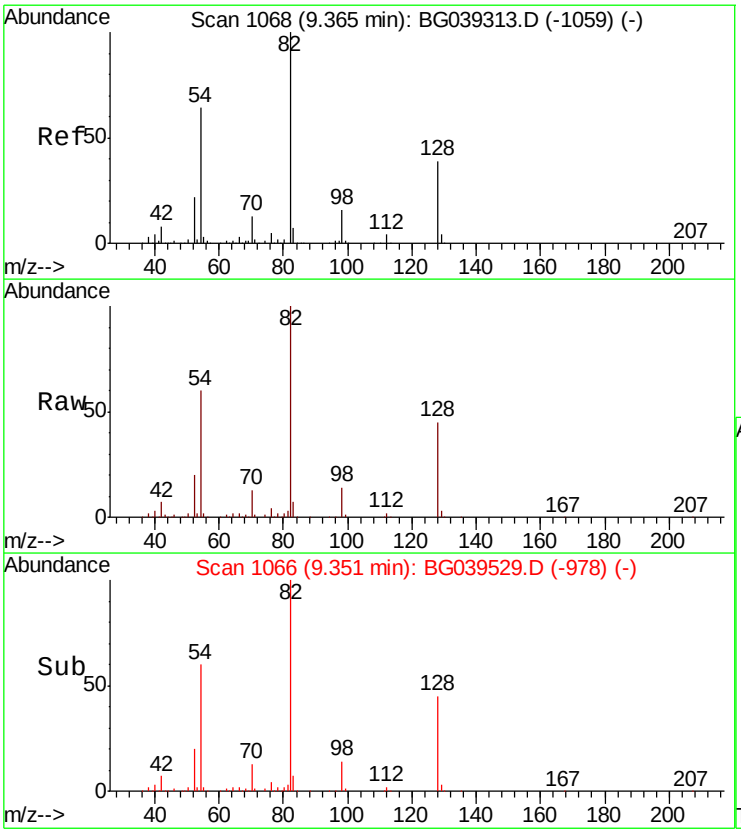
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-E

Tgt Ion:136 Resp: 217548

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.6	9.4	14.2
68	5.7	4.2	6.4

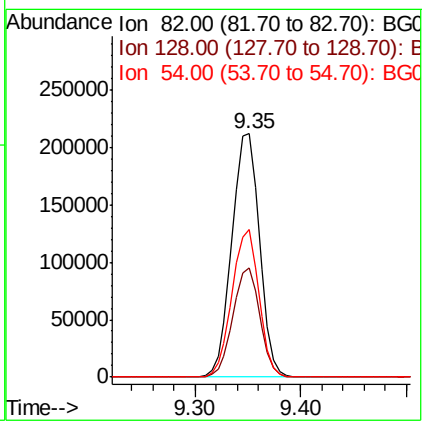


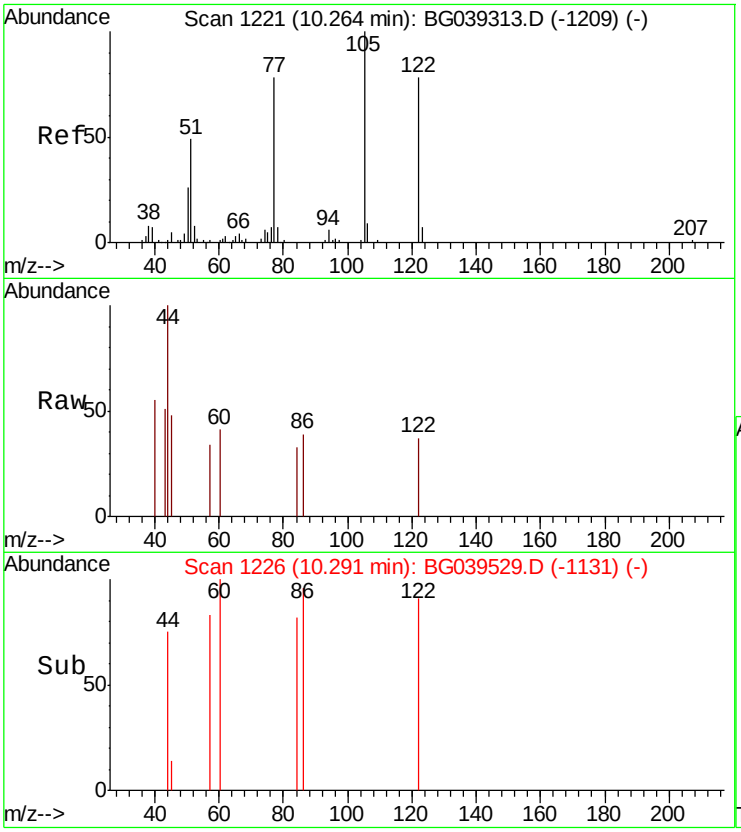


#23
Nitrobenzene-d5
Concen: 110.333 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Tgt Ion: 82 Resp: 384219

Ion	Ratio	Lower	Upper
82	100		
128	44.7	31.3	46.9
54	60.4	50.9	76.3



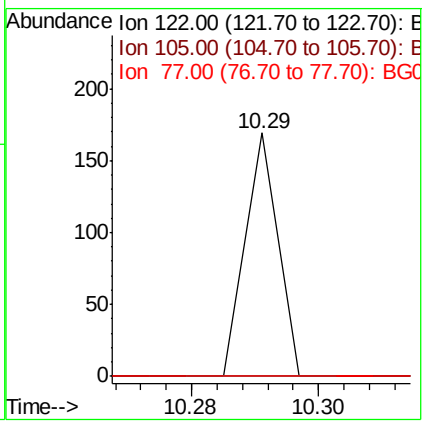


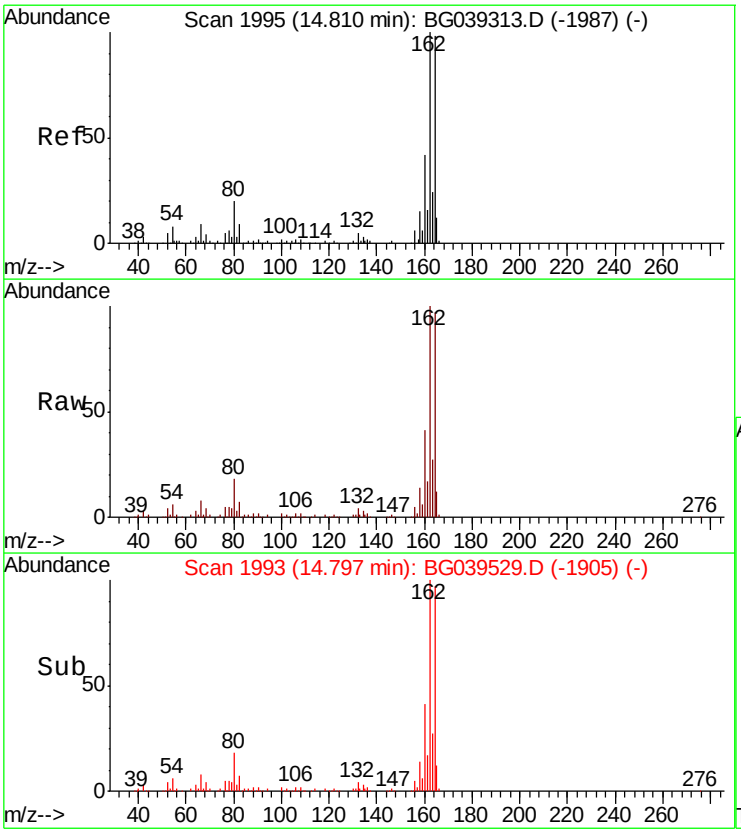
#32
Benzoic acid
Concen: 9.045 ng
RT: 10.29 min Scan# 1226
Delta R.T. 0.03 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-E

Tgt Ion:122 Resp: 60

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

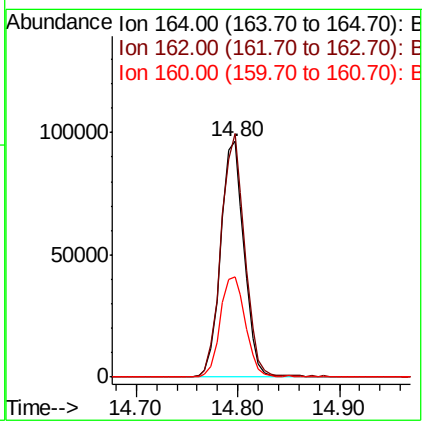


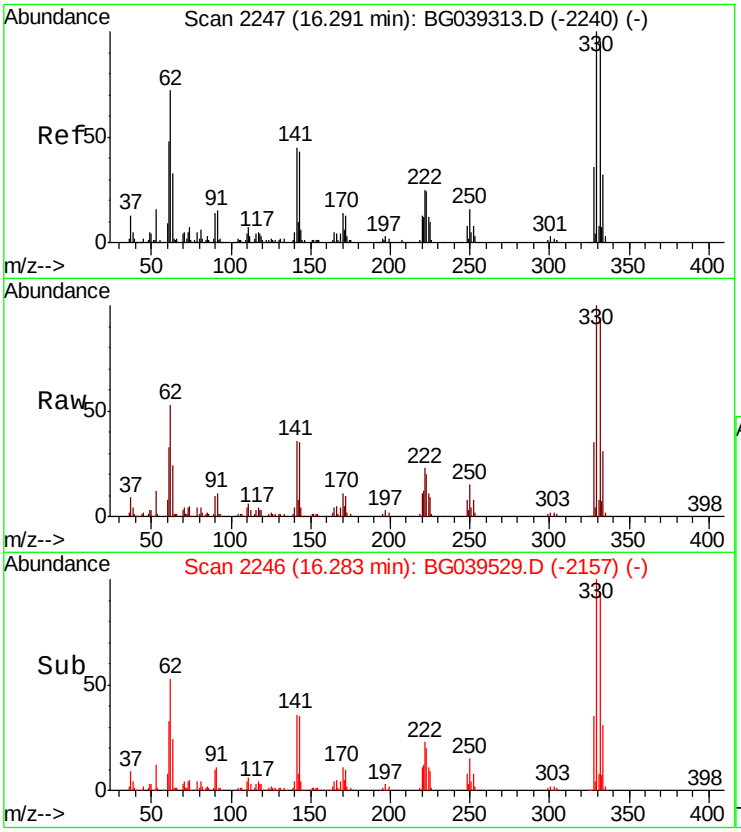


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Tgt Ion:164 Resp: 154750

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.6	122.4
160	42.2	34.2	51.2



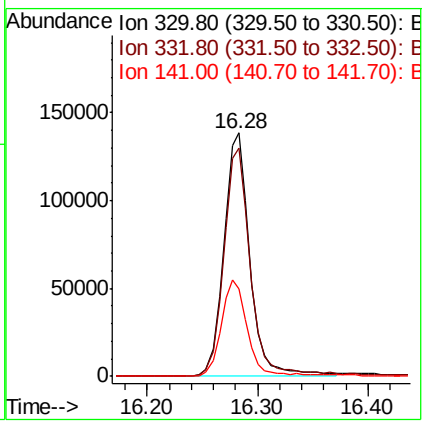


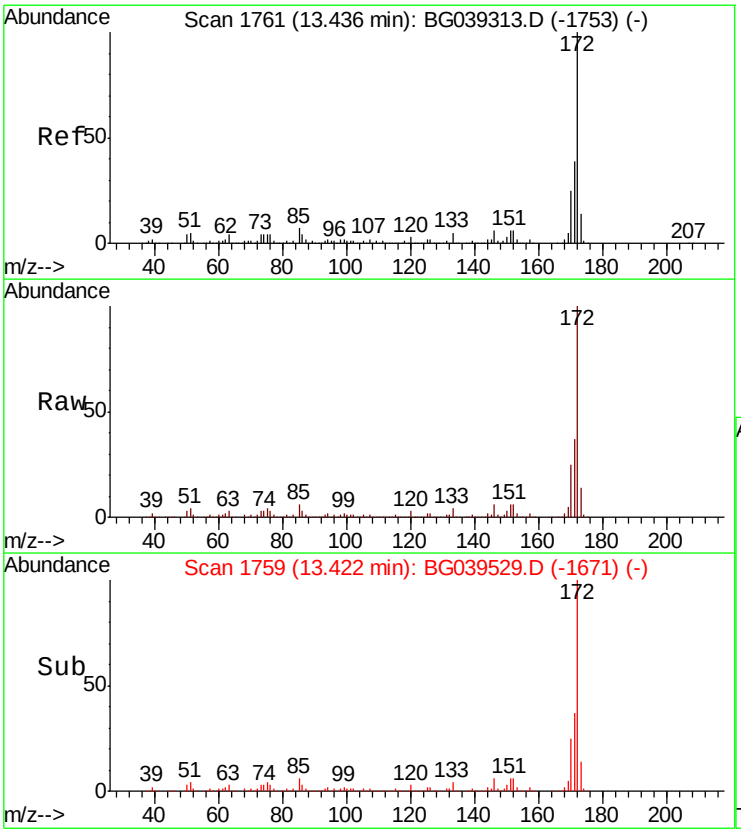
#42
2,4,6-Tribromophenol
Concen: 137.081 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-E

Tgt Ion:330 Resp: 228430

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.7	113.5
141	39.6	35.6	53.4

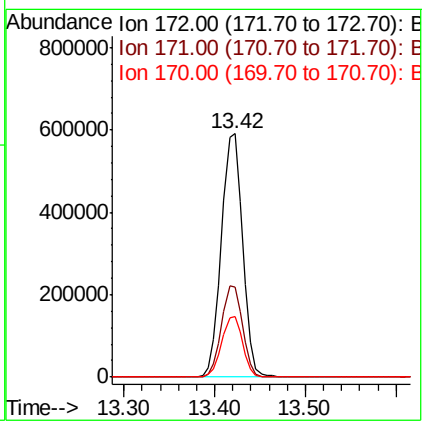


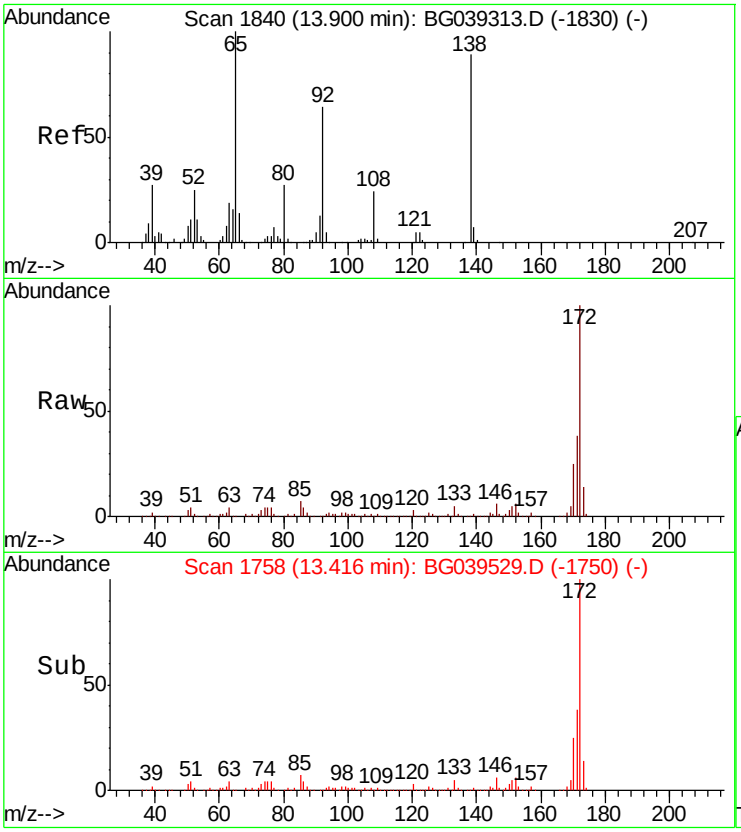


#45
2-Fluorobiphenyl
Concen: 89.338 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Tgt Ion:172 Resp: 963726

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	24.6	20.2	30.4



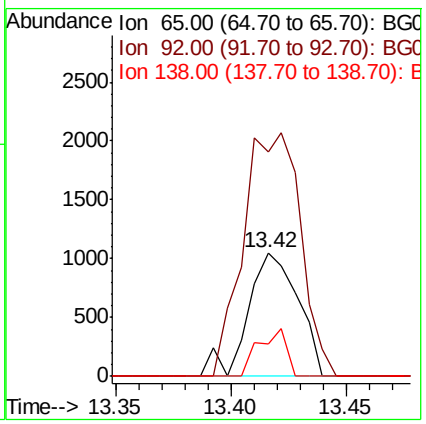


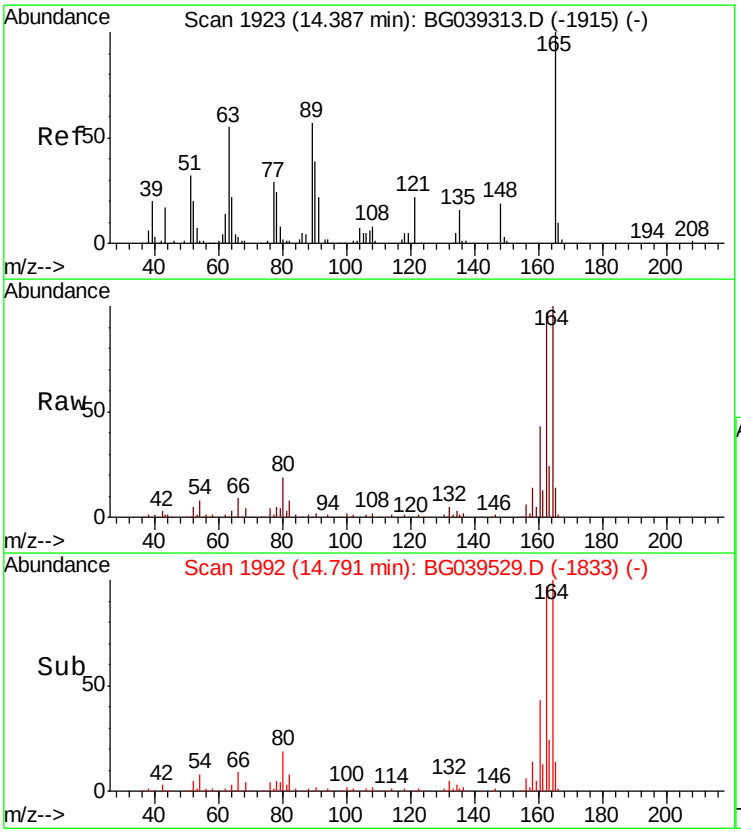
#48
2-Nitroaniline
Concen: 8.769 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.48 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-E

Tgt Ion: 65 Resp: 1591

Ion	Ratio	Lower	Upper
65	100		
92	181.3	51.4	77.2#
138	25.7	71.4	107.2#

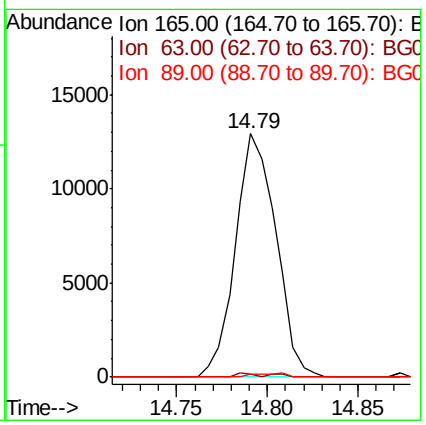


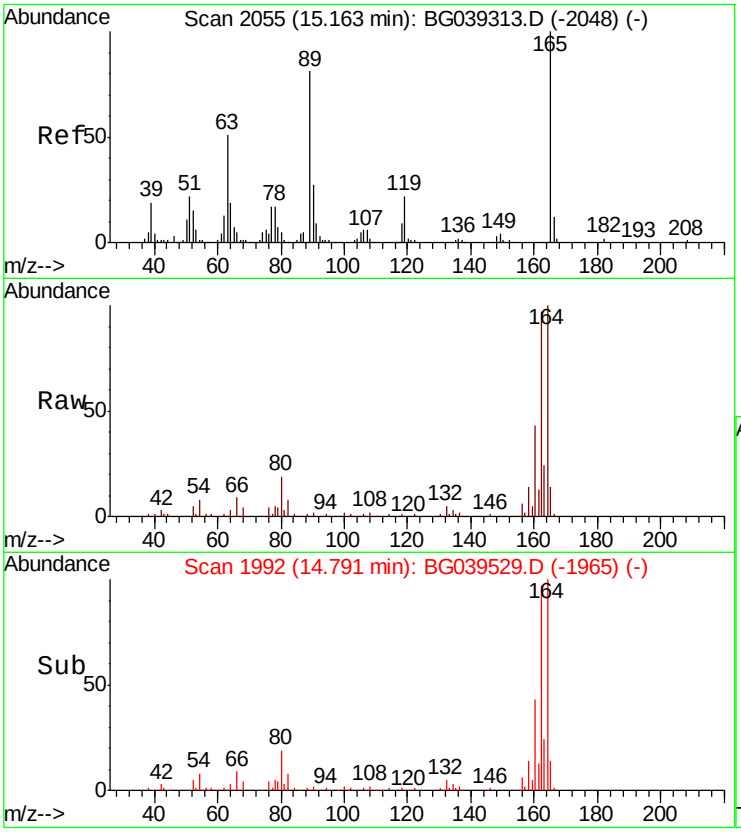


#51
2,6-Dinitrotoluene
Concen: 13.994 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.40 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Tgt Ion:165 Resp: 20116

Ion	Ratio	Lower	Upper
165	100		
63	1.2	47.0	70.6#
89	1.4	45.8	68.8#



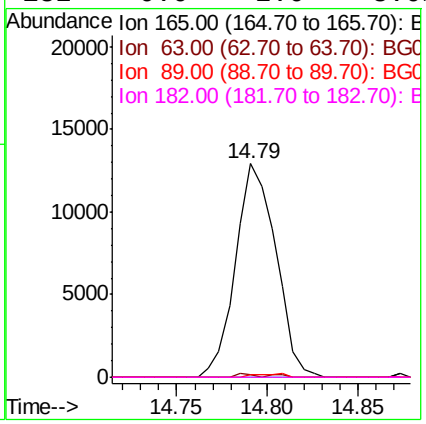


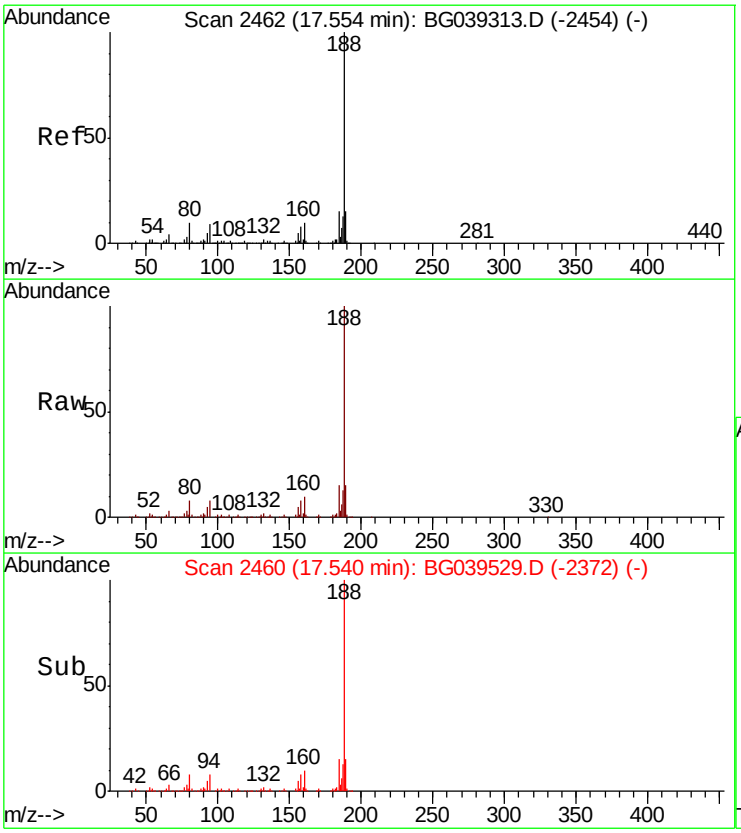
#57
2,4-Dinitrotoluene
Concen: 13.452 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-E

Tgt Ion:165 Resp: 20116

Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.0	61.6#
89	1.4	64.6	96.8#
182	0.0	2.0	3.0#

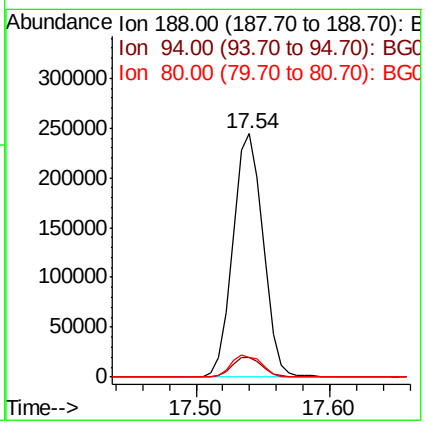


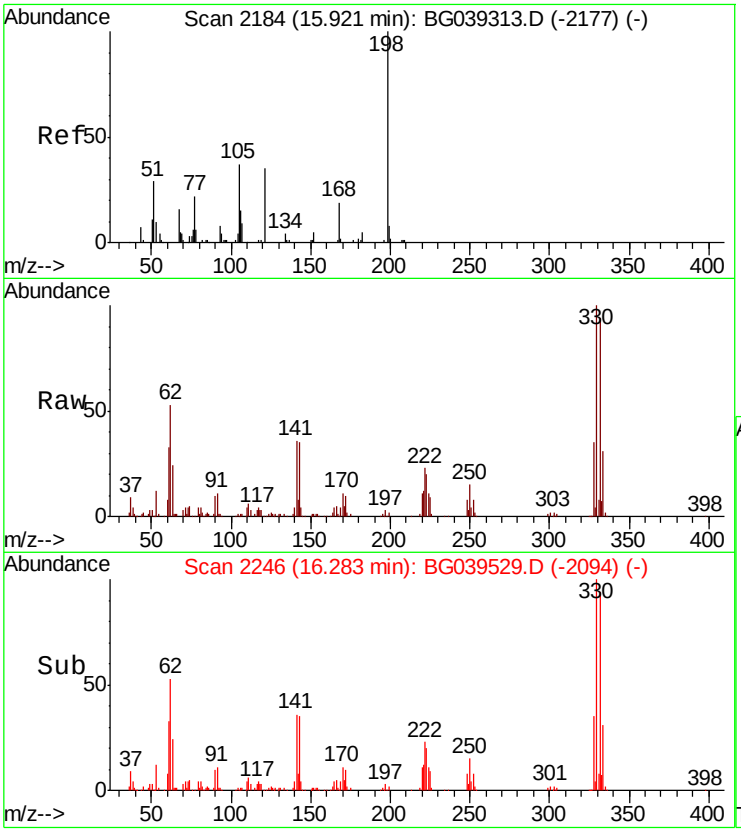


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Tgt Ion:188 Resp: 383136

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.1	8.1	12.1



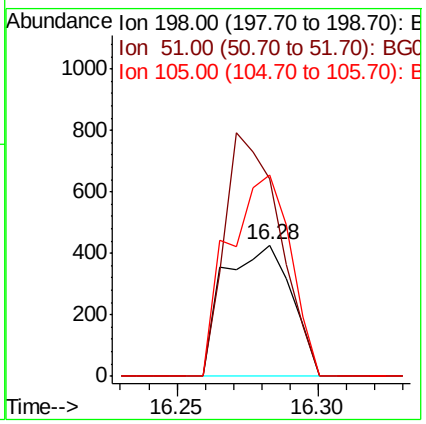


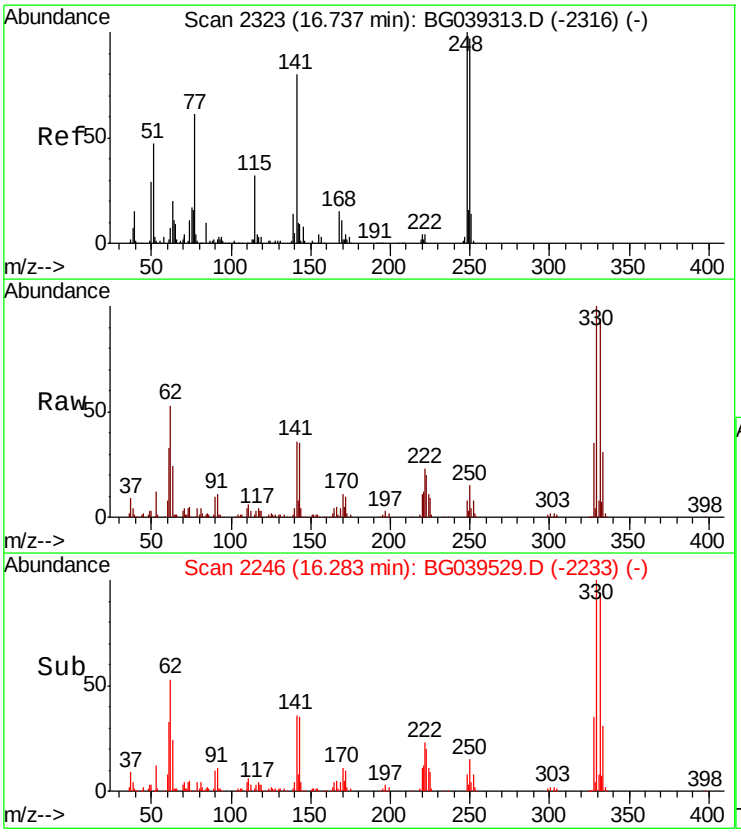
#65
4,6-Dinitro-2-methylphenol
Concen: 4.764 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.36 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-E

Tgt Ion:198 Resp: 704

Ion	Ratio	Lower	Upper
198	100		
51	150.5	27.4	67.4#
105	154.2	19.7	59.7#

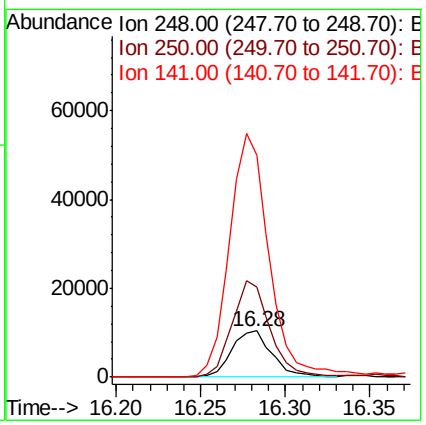


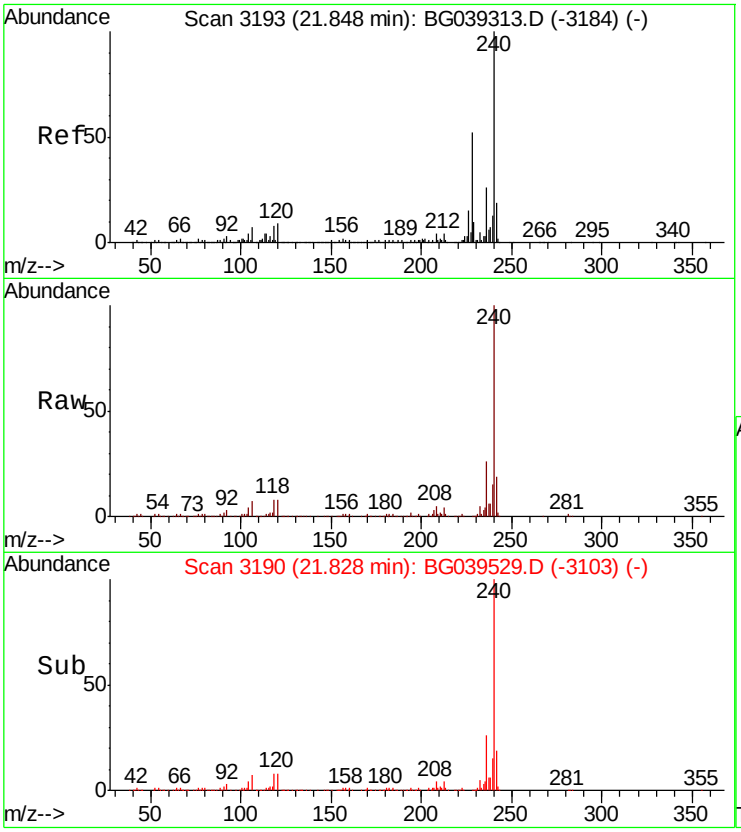


#67
4-Bromophenyl-phenylether
Concen: 4.048 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.45 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Tgt Ion:248 Resp: 17206

Ion	Ratio	Lower	Upper
248	100		
250	194.3	77.6	116.4#
141	478.8	63.9	95.9#



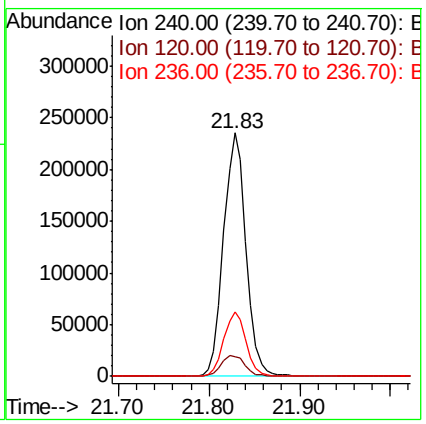


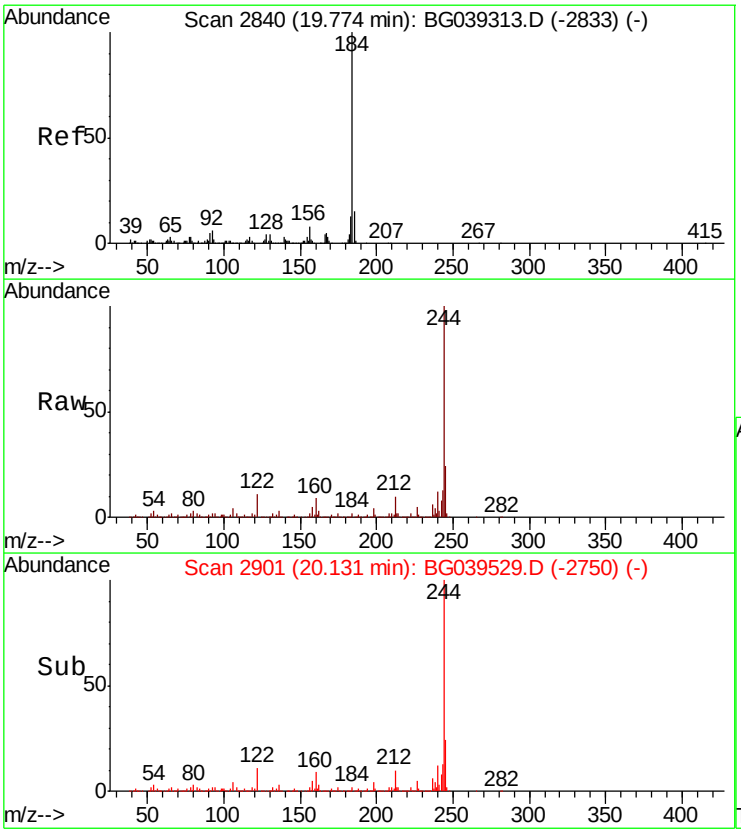
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-E

Tgt Ion:240 Resp: 404060

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.0	10.6
236	26.4	21.0	31.4

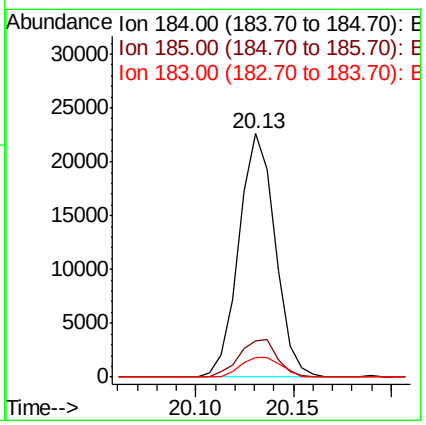


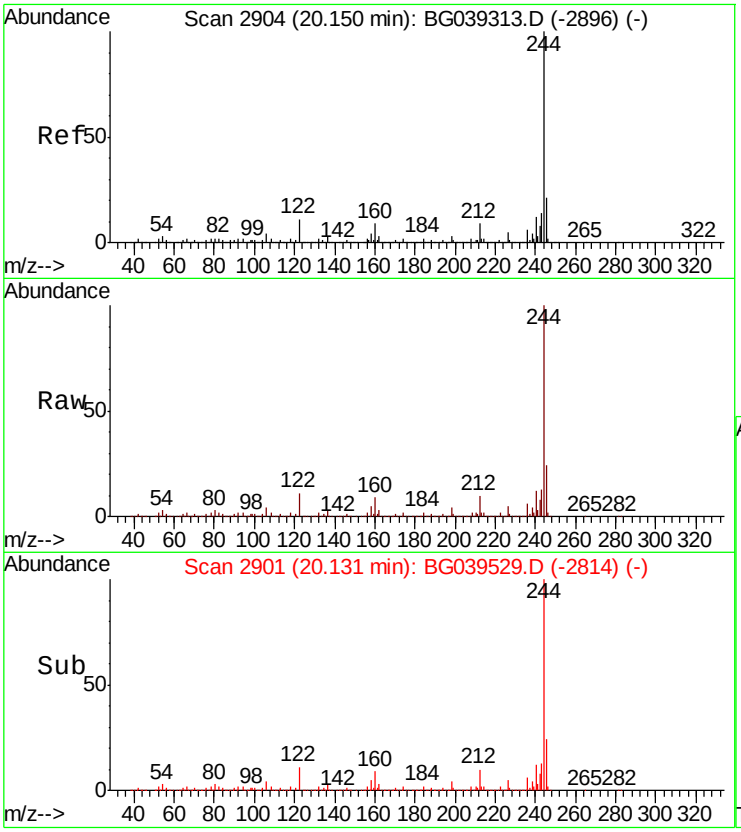


#77
Benzidine
Concen: 2.198 ng
RT: 20.13 min Scan# 2901
Delta R.T. 0.36 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Tgt Ion:184 Resp: 29120

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	8.2	10.6	15.8#



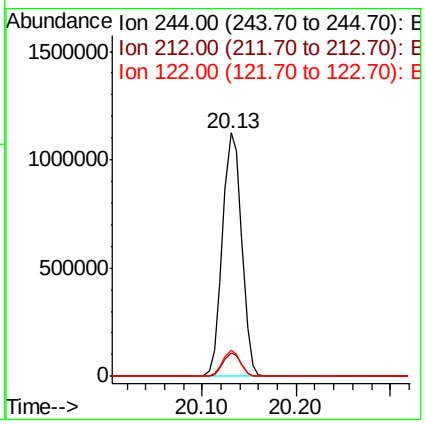


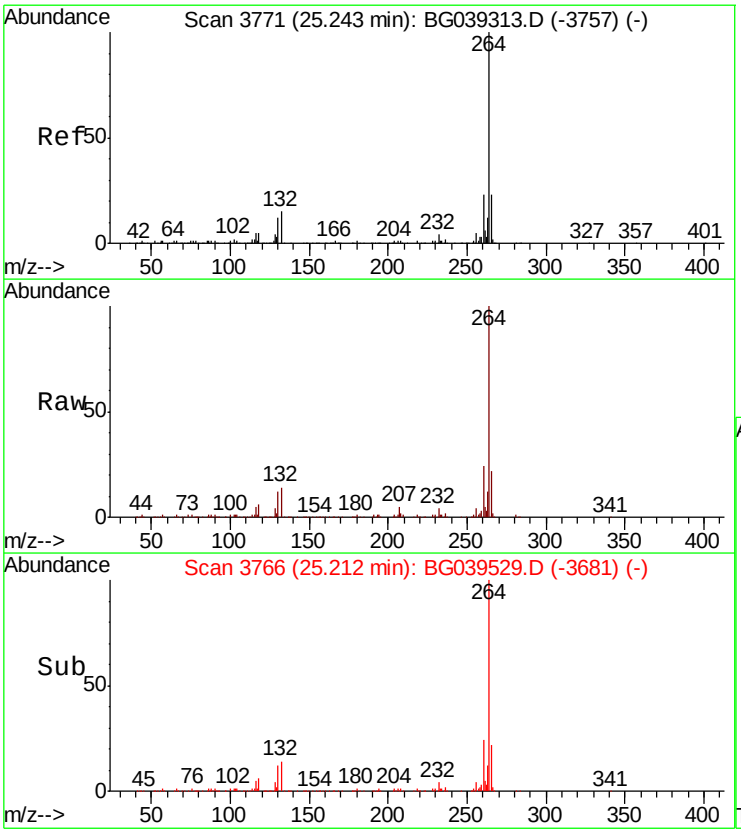
#79
Terphenyl-d14
Concen: 84.063 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-E

Tgt Ion:244 Resp: 1604698

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.7	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3766
Delta R.T. -0.03 min
Lab File: BG039529.D
Acq: 15 Feb 2019 20:04

Tgt Ion:264 Resp: 397095

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.8	18.5	27.7