Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
Data File : BG039455.D
Acq On : 12 Feb 2019 4:38
Operator : JU/SJ
Sample : K1437-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DSN001

Quant Time: Feb 12 05:15:05 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	58590	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	262493	20.00	ng		-0.01
39) Acenaphthene-d10	14.80	164	182179	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	421671	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	413917	20.00	ng		-0.02
87) Perylene-d12	25.21	264	418902	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	234100	68.38	ng		0.00
7) Phenol-d6	7.31	99	216481	42.96	ng		-0.01
23) Nitrobenzene-d5	9.35	82	476936	113.51	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	309727	157.88	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	1151086	90.64	ng		-0.01
79) Terphenyl-d14	20.13	244	1663187	85.05	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	7.31	77	367	Below Cal		#	4
10) Phenol	7.33	94	13136	2.501	ng		98
19) n-Nitroso-di-n-propylamine	9.34	70	63485	17.751	ng	#	71
26) 2-Nitrophenol	9.94	139	81	4.059	ng	#	31
32) Benzoic acid	10.20	122	7222	11.399	ng		91
48) 2-Nitroaniline	13.96	65	123	8.327	ng	#	10
50) Dimethylphthalate	14.24	163	32241	2.191	ng		99
51) 2,6-Dinitrotoluene	14.80	165	24268	14.178	ng	#	23
53) 3-Nitroaniline	15.01	138	63	5.811	ng	#	1
56) 4-Nitrophenol	14.98	139	847	6.089	ng		84
57) 2,4-Dinitrotoluene	14.80	165	24268	13.592	ng	#	18
62) 4-Nitroaniline	15.84	138	224	4.269	ng	#	10
65) 4,6-Dinitro-2-methylphenol	16.04	198	67	4.221	ng	#	6
67) 4-Bromophenyl-phenylether	16.28	248	24427	5.222	ng	#	1
77) Benzidine	20.13	184	30721	2.264	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
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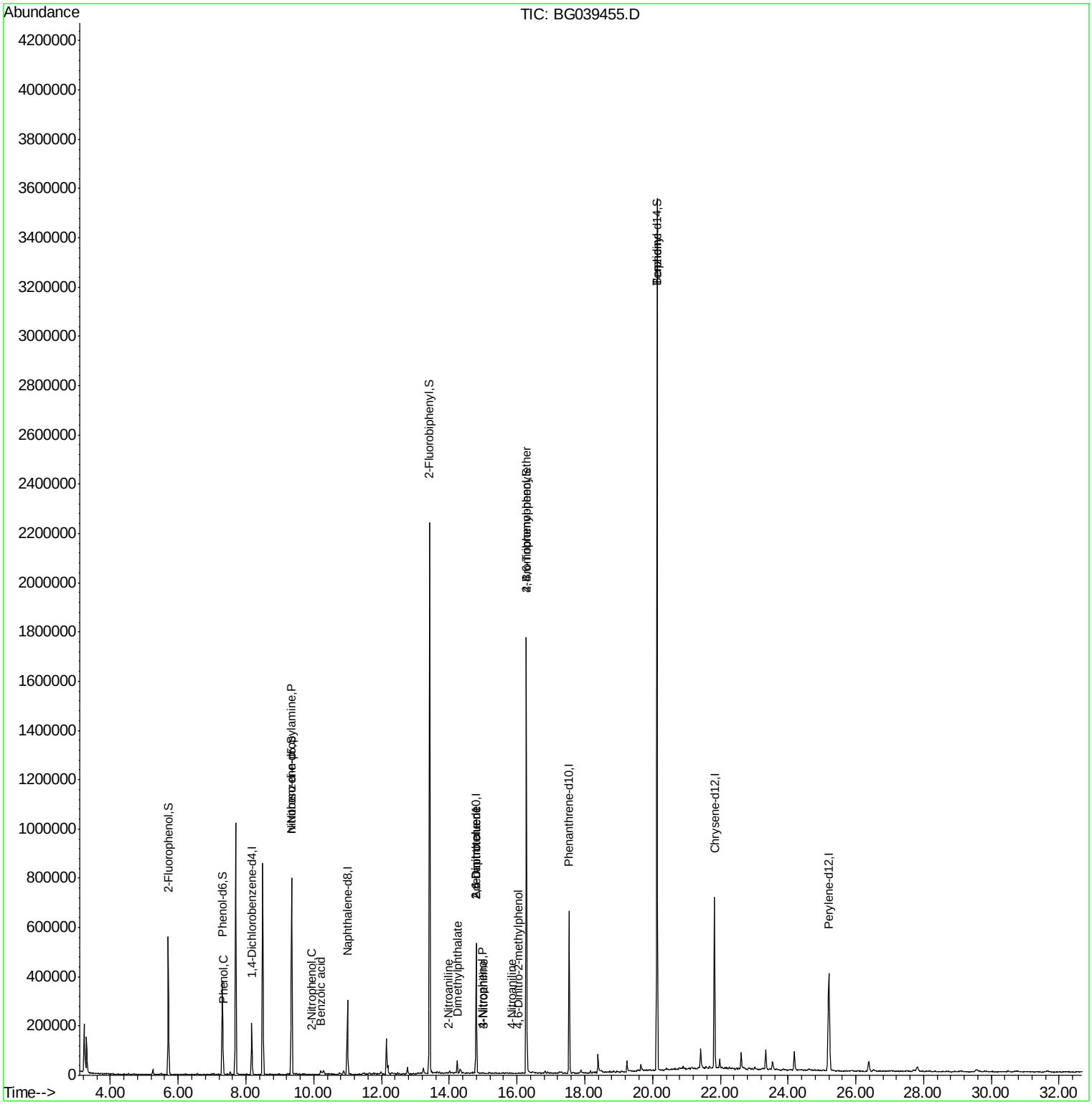
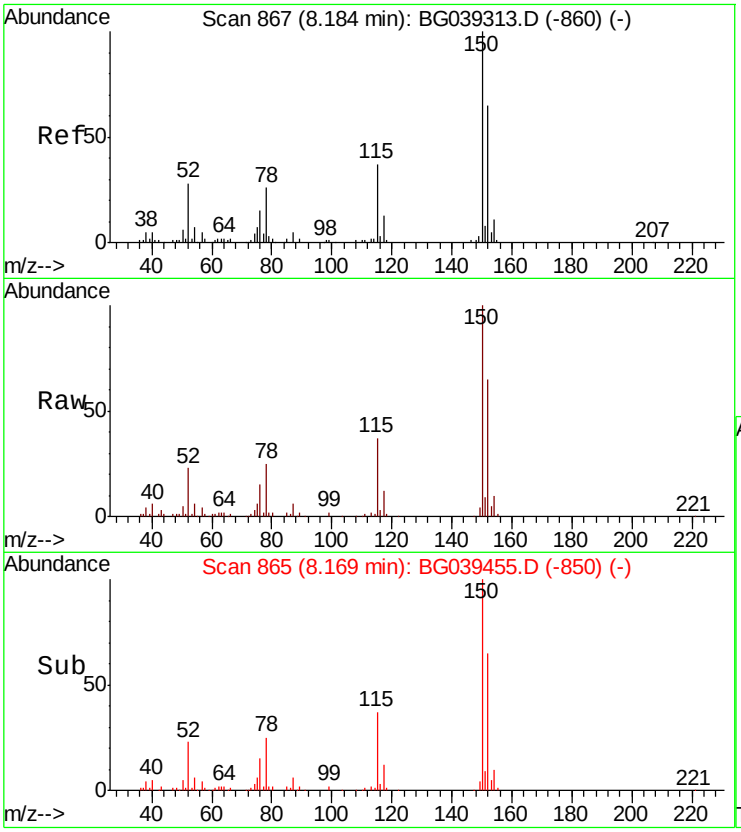


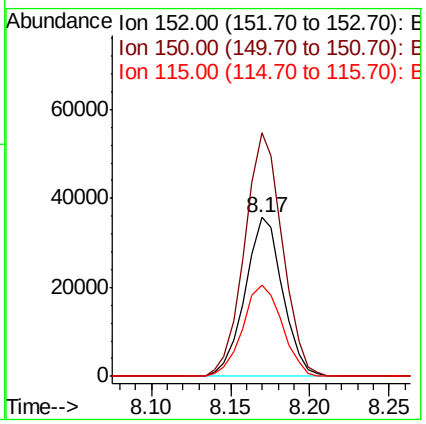


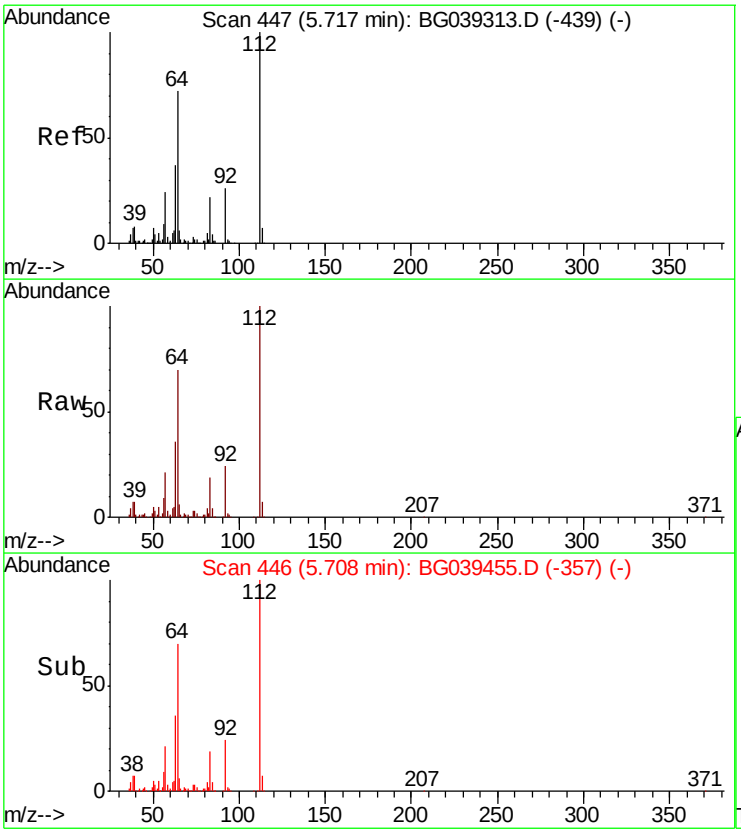
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:152 Resp: 58590

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.7	185.5
115	57.1	45.9	68.9

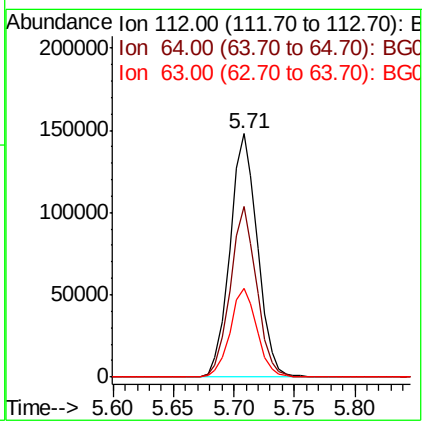


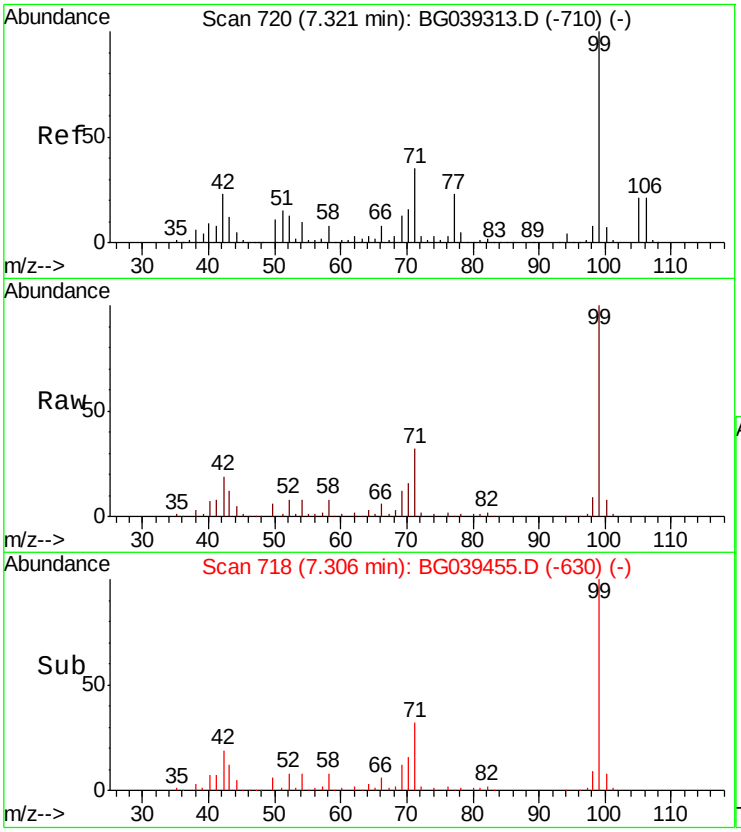


#5
2-Fluorophenol
Concen: 68.384 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Tgt Ion:112 Resp: 234100

Ion	Ratio	Lower	Upper
112	100		
64	69.9	57.8	86.8
63	36.3	29.8	44.6



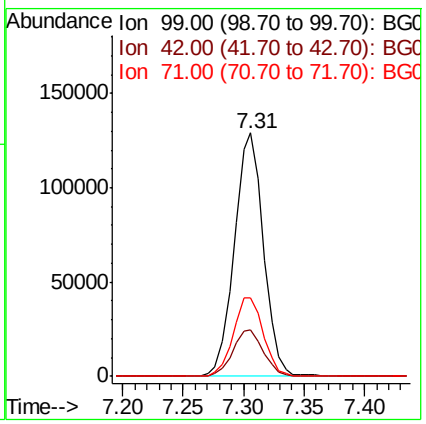


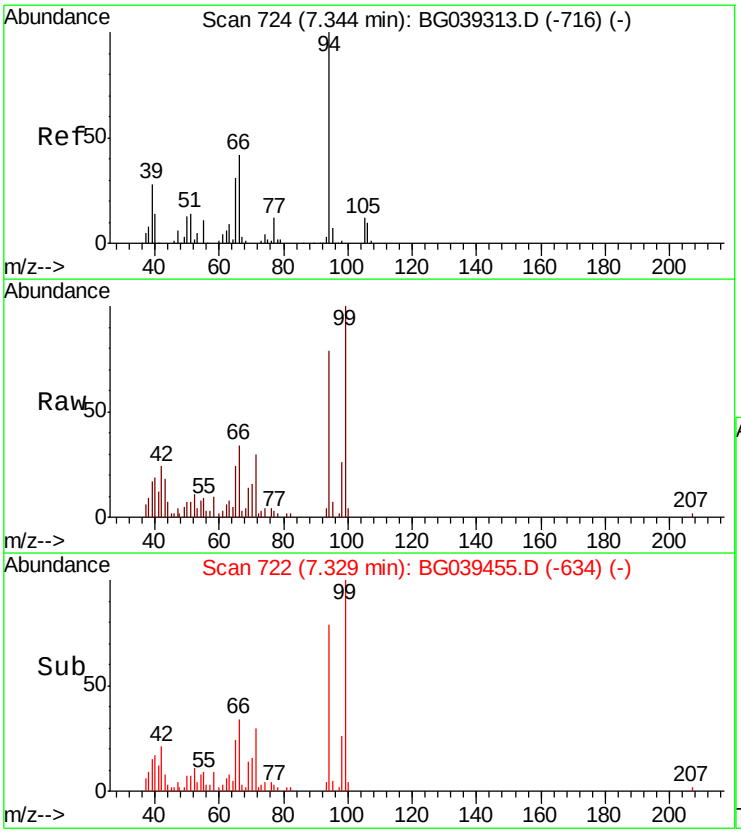
#7
Phenol-d6
Concen: 42.961 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion: 99 Resp: 216481

Ion	Ratio	Lower	Upper
99	100		
42	19.3	18.2	27.2
71	32.2	28.0	42.0

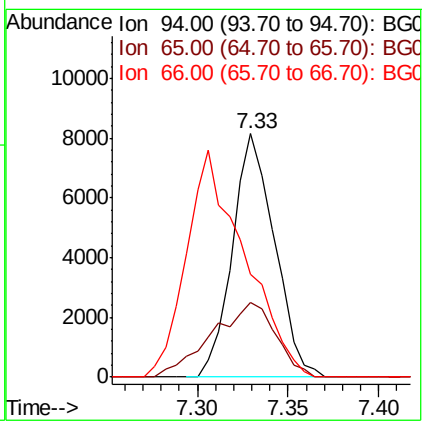


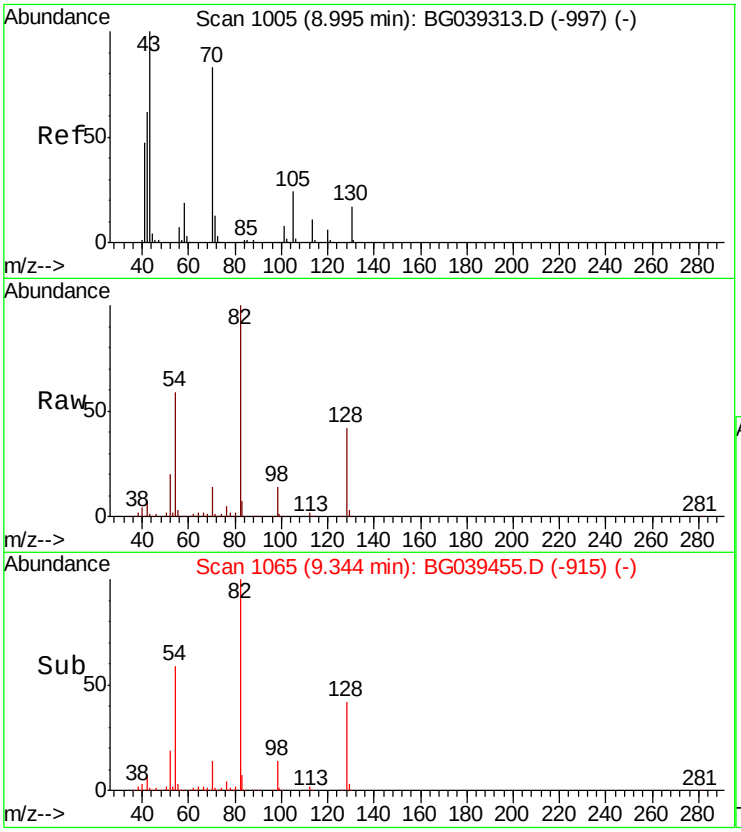


#10
Phenol
Concen: 2.501 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Tgt Ion: 94 Resp: 13136

Ion	Ratio	Lower	Upper
94	100		
65	30.6	11.7	51.7
66	42.4	23.7	63.7



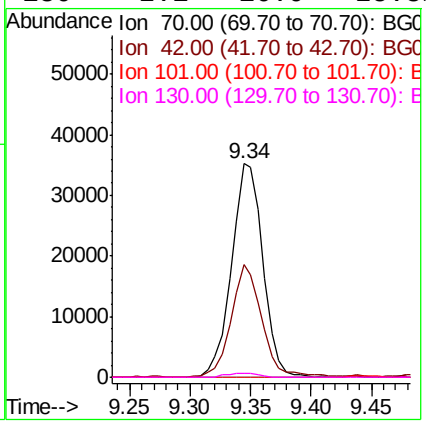


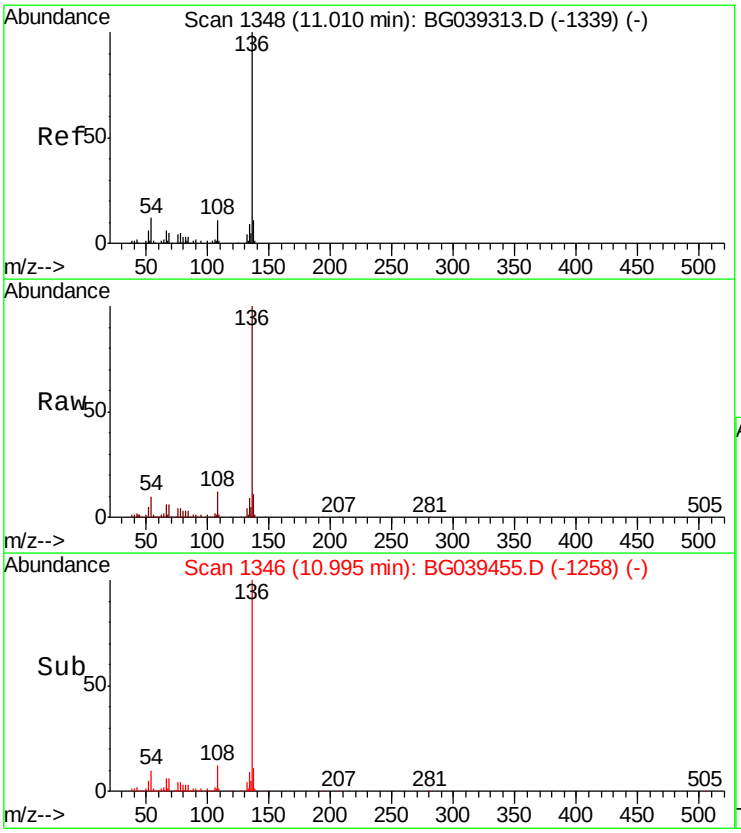
#19
n-Nitroso-di-n-propylamine
Concen: 17.751 ng
RT: 9.34 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion: 70 Resp: 63485

Ion	Ratio	Lower	Upper
70	100		
42	52.7	60.4	90.6#
101	0.0	7.5	11.3#
130	2.1	16.9	25.3#

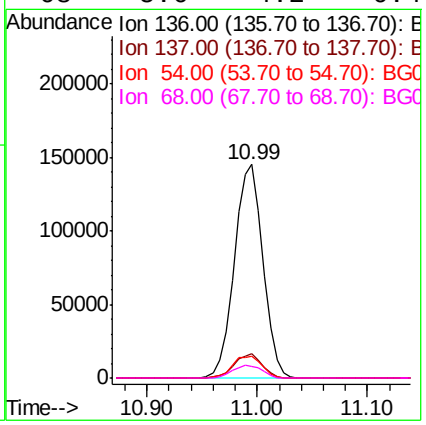


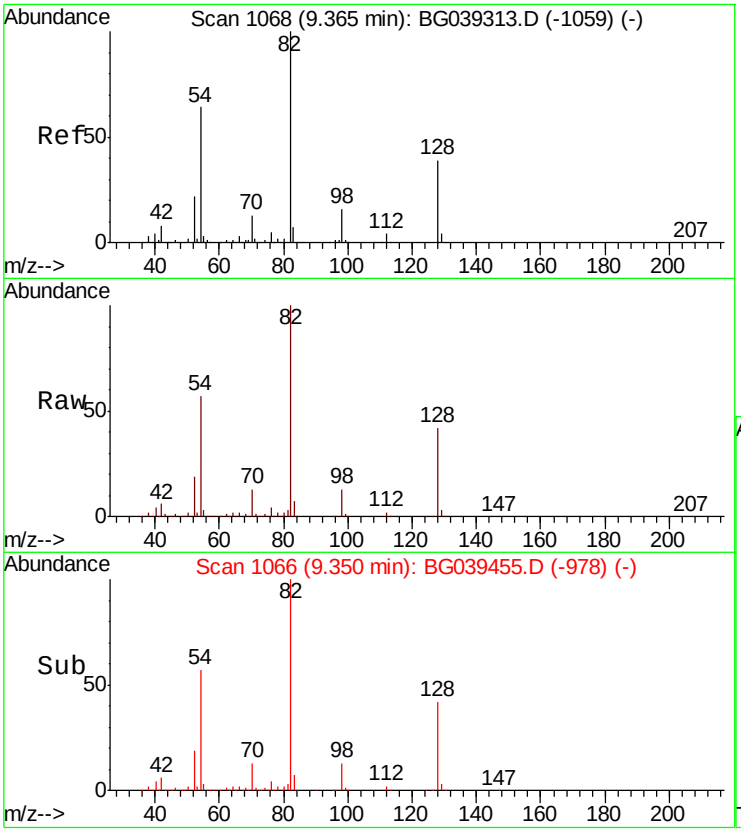


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Tgt Ion:136 Resp: 262493

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.4	9.4	14.2
68	5.6	4.2	6.4



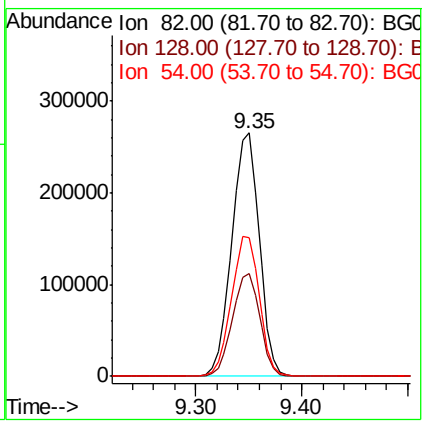


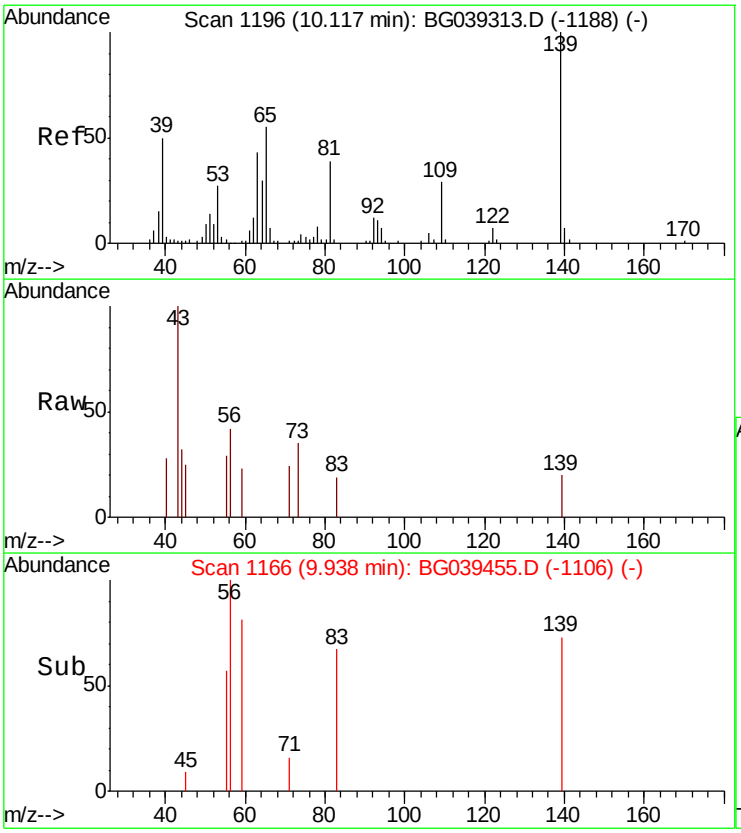
#23
Nitrobenzene-d5
Concen: 113.508 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion: 82 Resp: 476936

Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.3	46.9
54	57.1	50.9	76.3

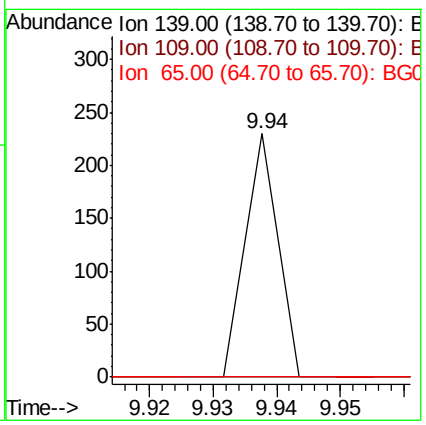


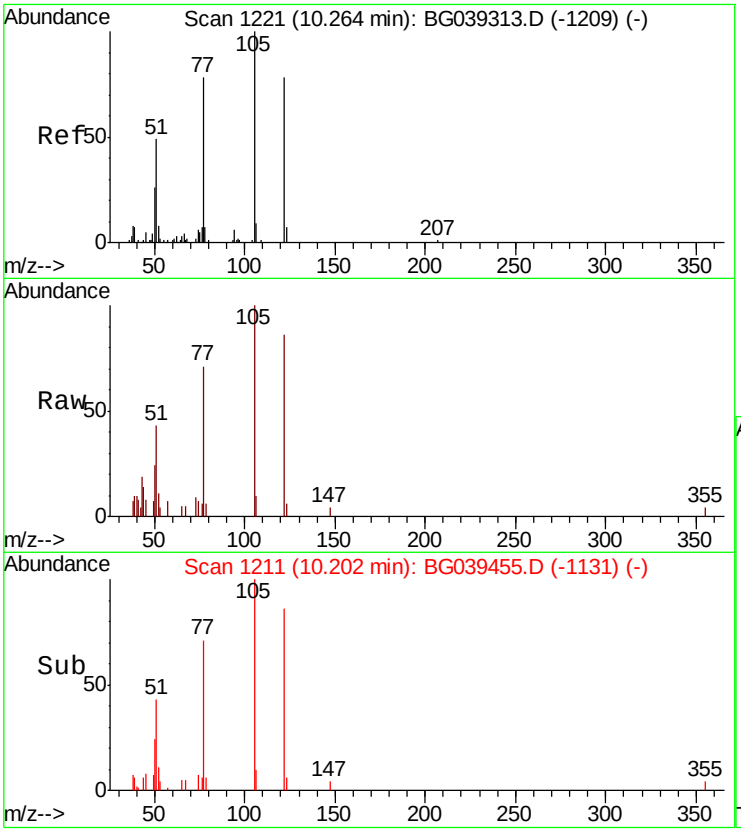


#26
2-Nitrophenol
Concen: 4.059 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.18 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Tgt Ion:139 Resp: 81

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



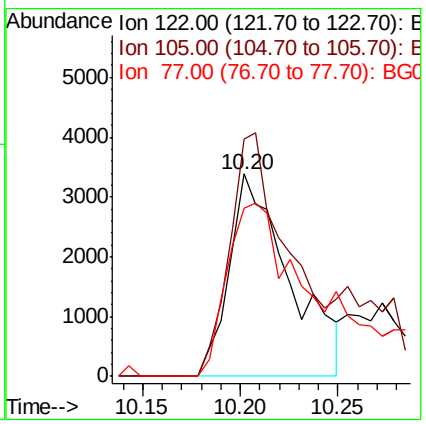


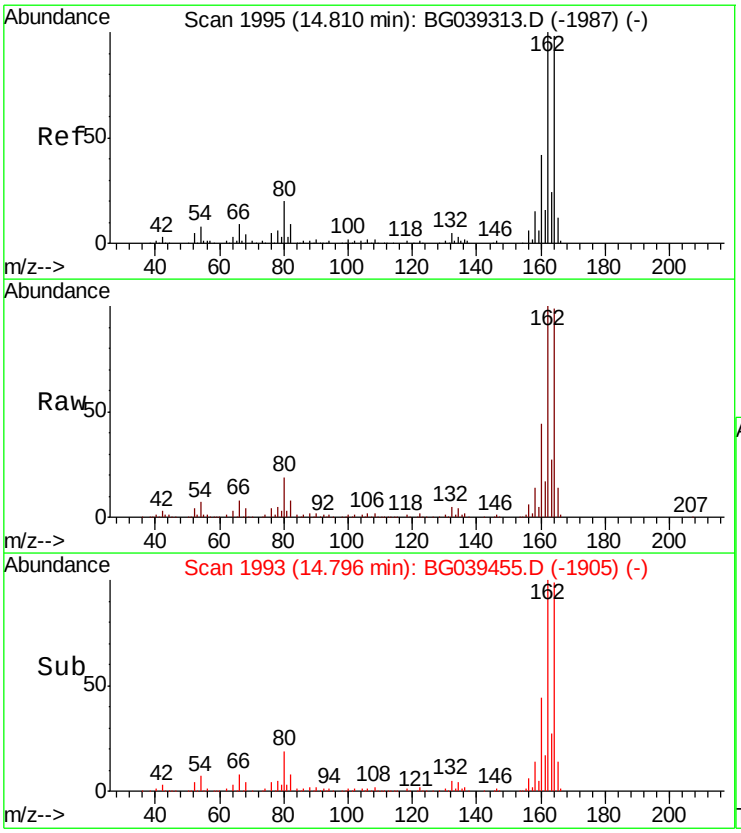
#32
Benzoic acid
Concen: 11.399 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.06 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:122 Resp: 7222

Ion	Ratio	Lower	Upper
122	100		
105	116.8	101.8	141.8
77	82.7	76.3	116.3

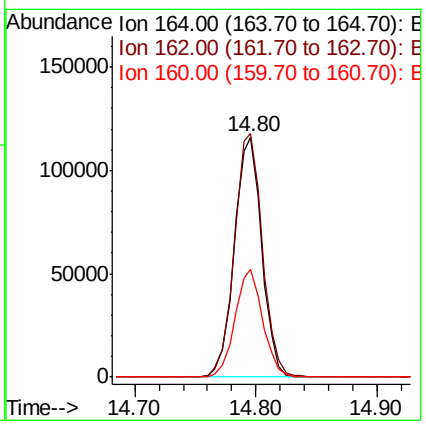


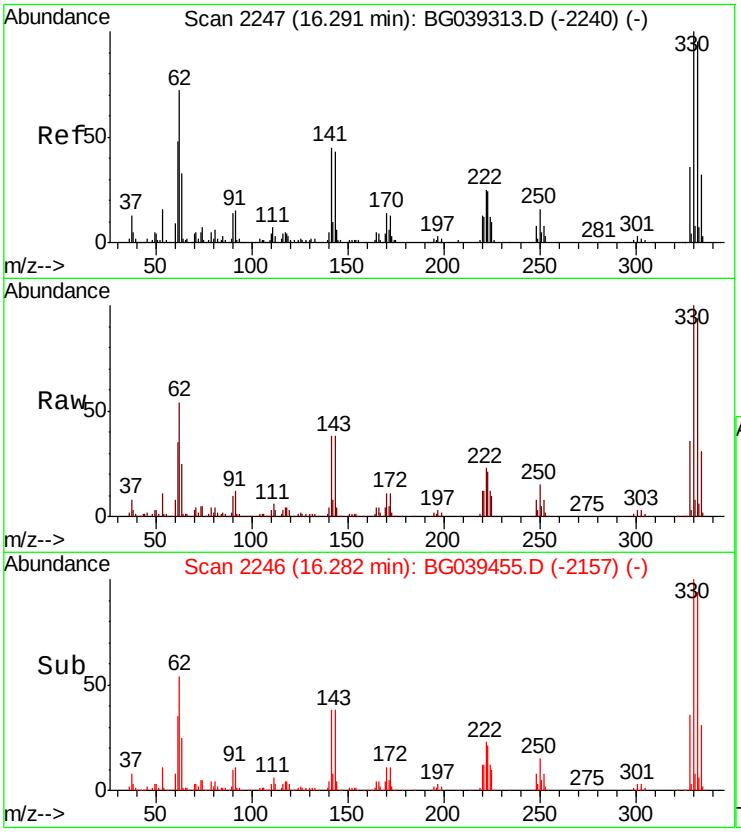


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Tgt Ion:164 Resp: 182179

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.6	122.4
160	45.1	34.2	51.2



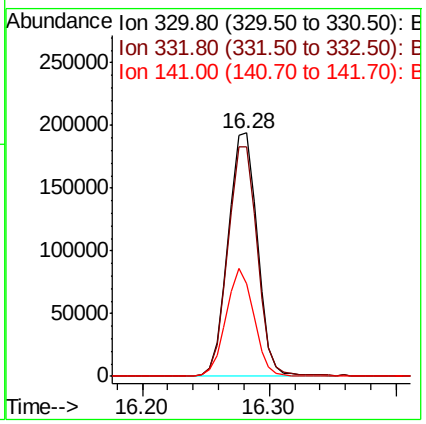


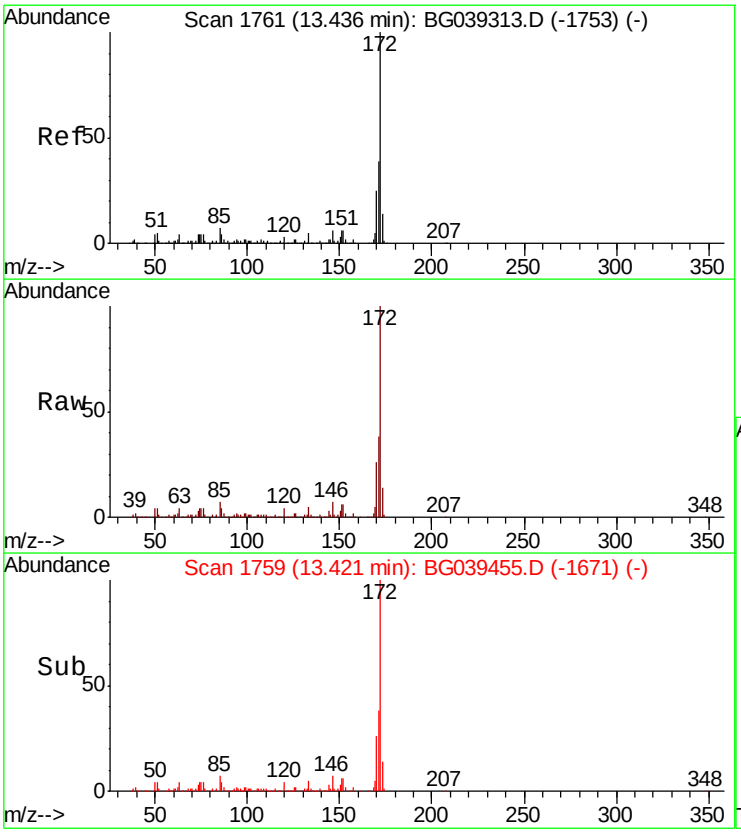
#42
2,4,6-Tribromophenol
Concen: 157.883 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:330 Resp: 309727

Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.7	113.5
141	42.1	35.6	53.4

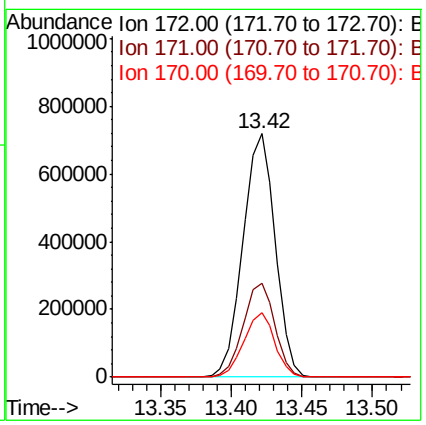


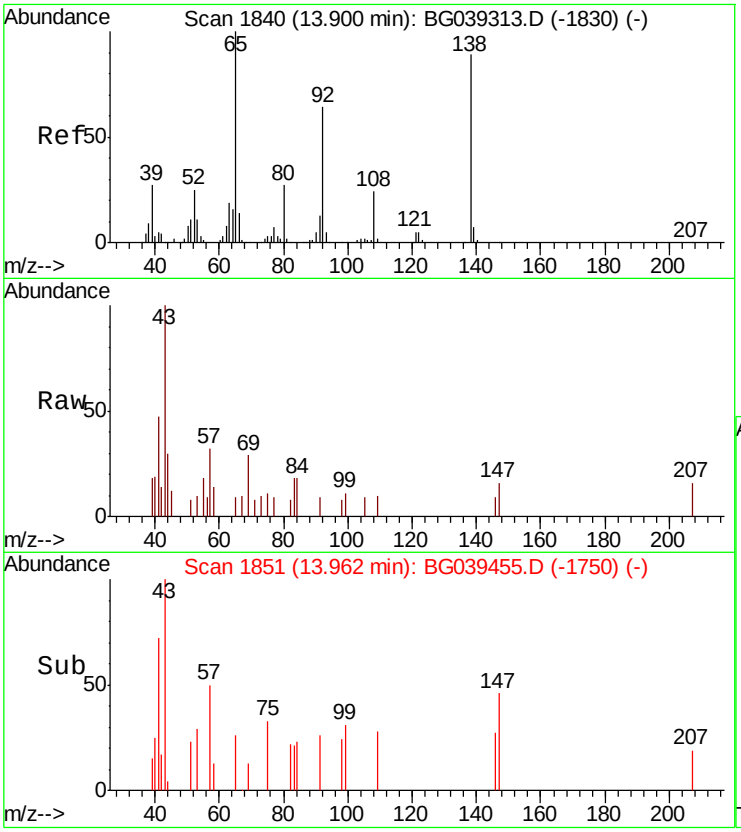


#45
2-Fluorobiphenyl
Concen: 90.641 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Tgt Ion:172 Resp: 1151086

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	26.5	20.2	30.4



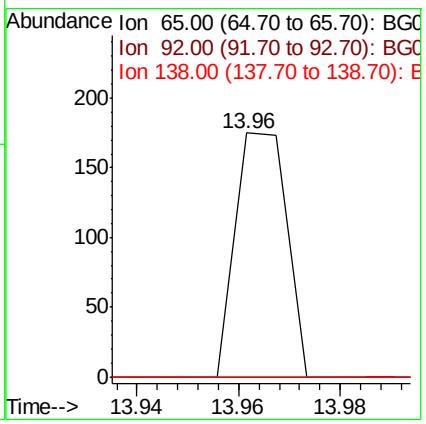


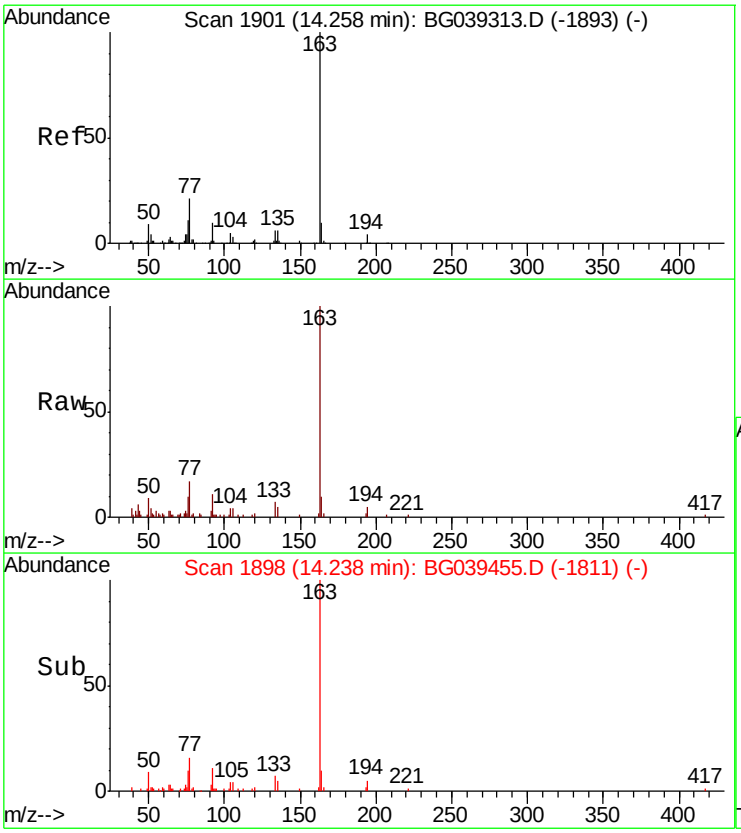
#48
2-Nitroaniline
Concen: 8.327 ng
RT: 13.96 min Scan# 1851
Delta R.T. 0.06 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion: 65 Resp: 123

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

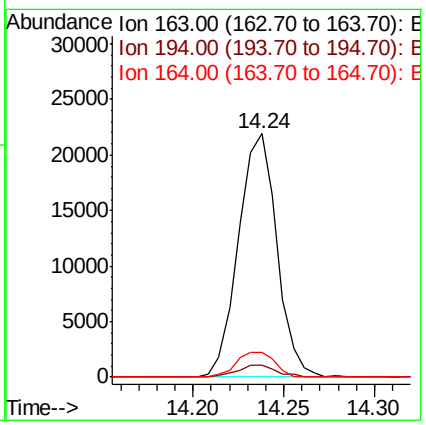


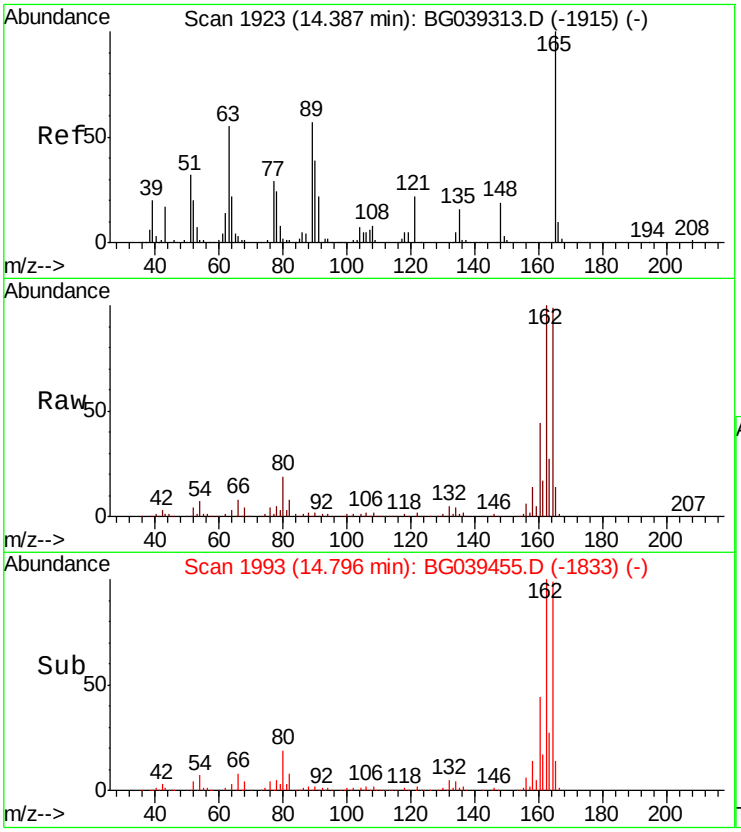


#50
Dimethylphthalate
Concen: 2.191 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Tgt Ion:163 Resp: 32241

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.6	5.4
164	10.3	8.4	12.6



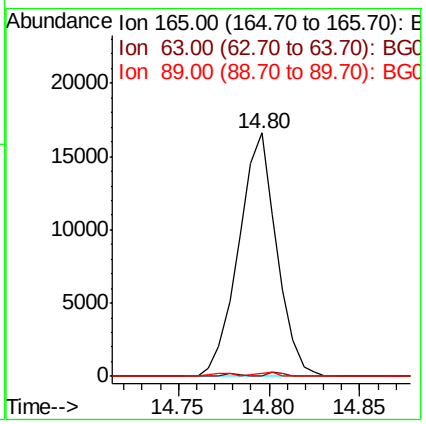


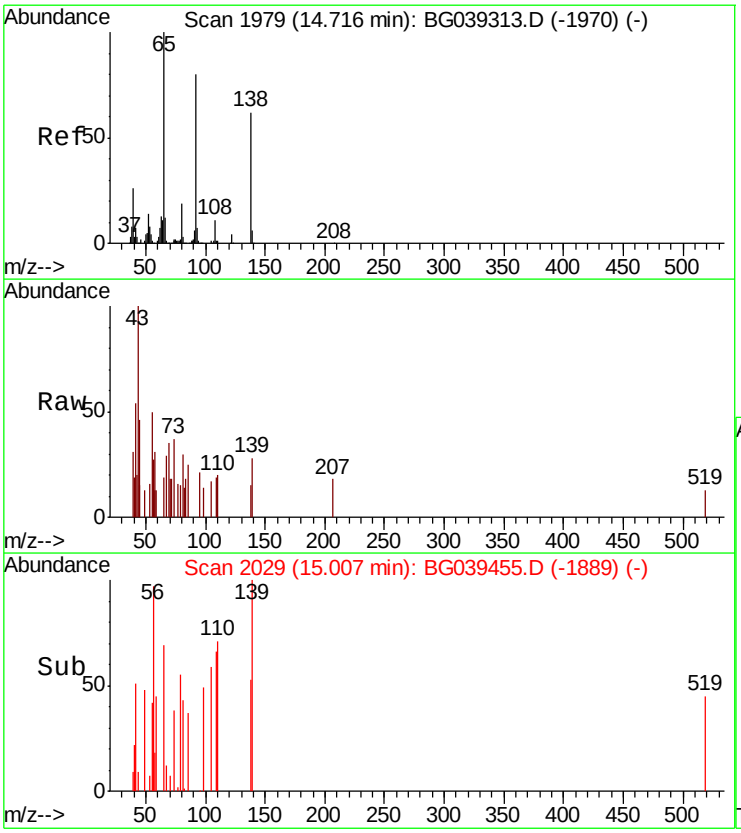
#51
2,6-Dinitrotoluene
Concen: 14.178 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:165 Resp: 24268

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	1.1	45.8	68.8#

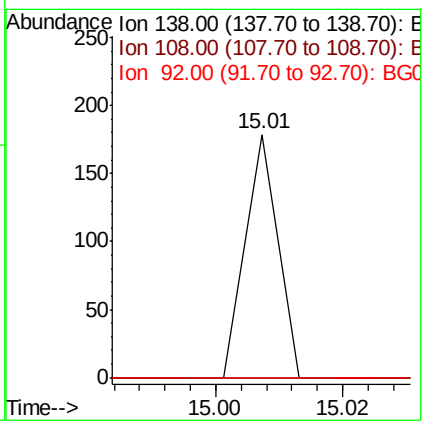


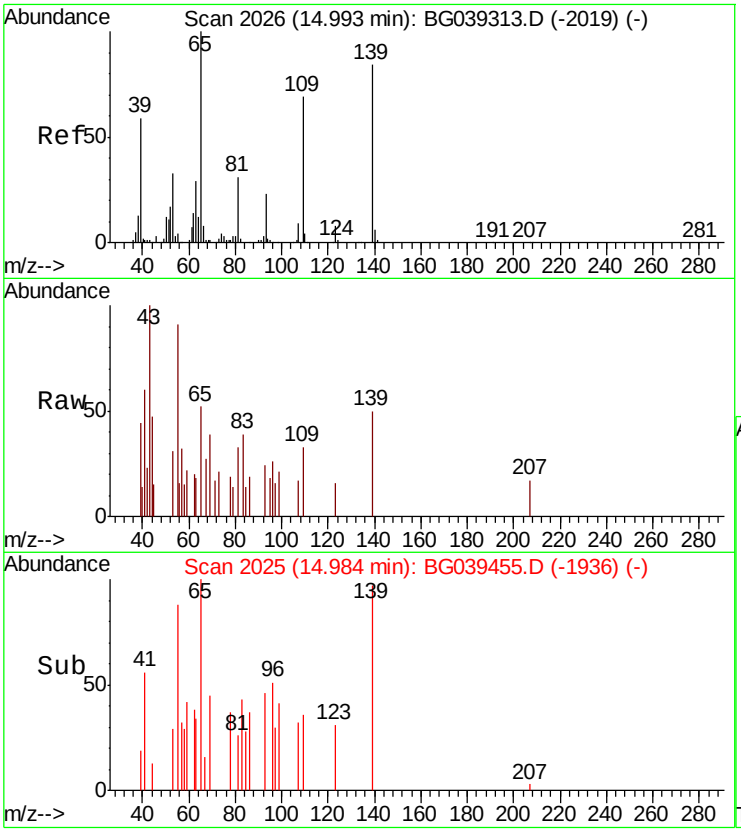


#53
3-Nitroaniline
Concen: 5.811 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.29 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Tgt Ion:138 Resp: 63

Ion	Ratio	Lower	Upper
138	100		
108	0.0	13.8	20.8#
92	0.0	103.7	155.5#



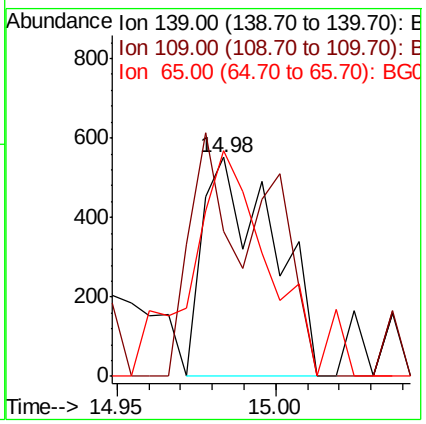


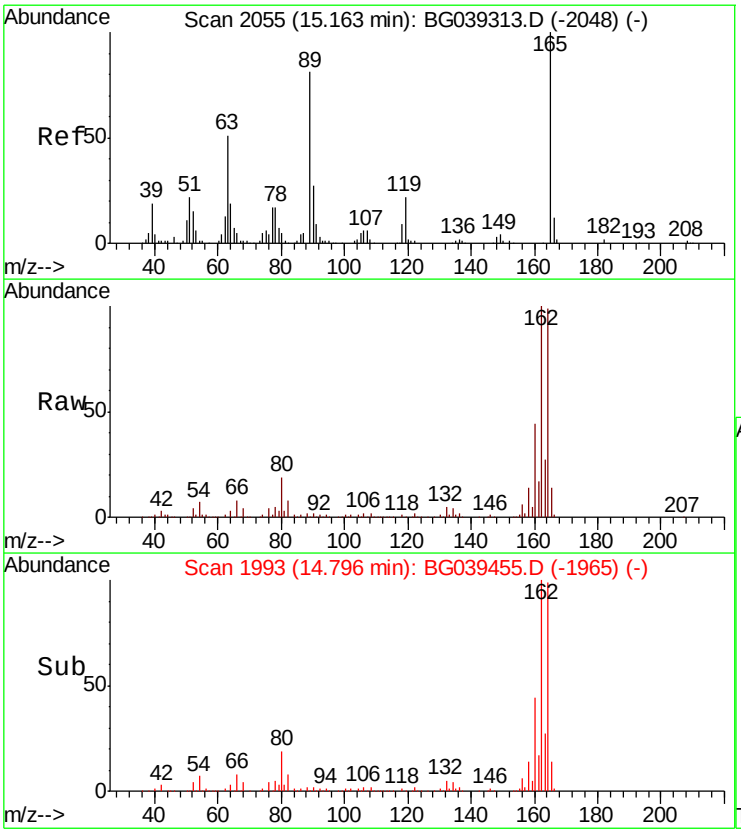
#56
4-Nitrophenol
Concen: 6.089 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:139 Resp: 847

Ion	Ratio	Lower	Upper
139	100		
109	66.1	61.9	101.9
65	102.9	99.1	139.1

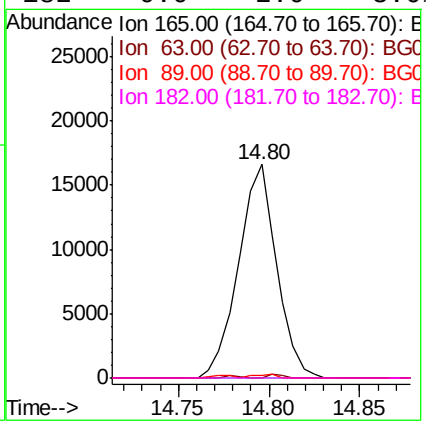


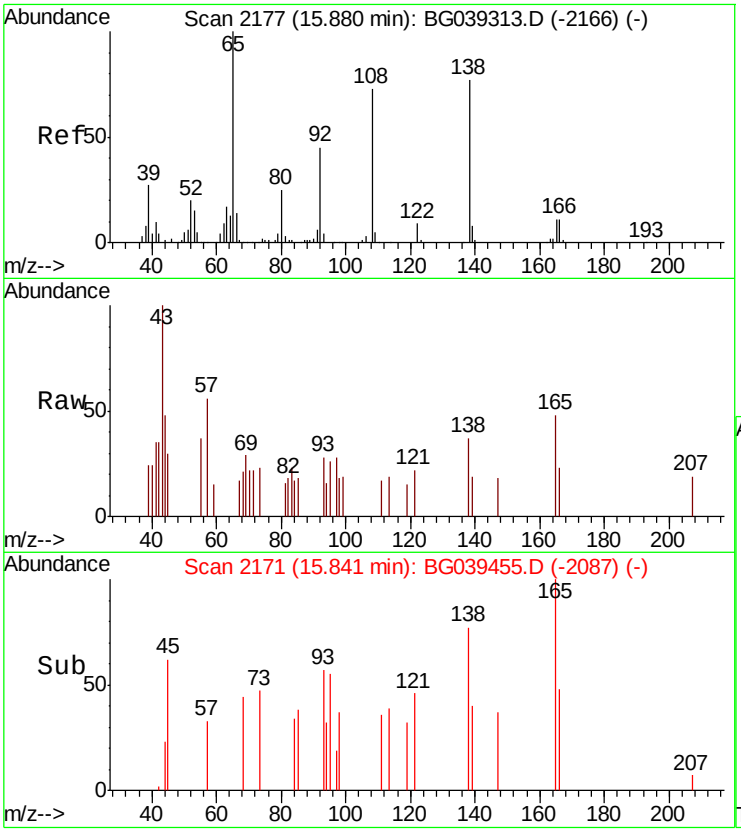


#57
2,4-Dinitrotoluene
Concen: 13.592 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.37 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Tgt Ion:165 Resp: 24268

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	1.1	64.6	96.8#
182	0.0	2.0	3.0#



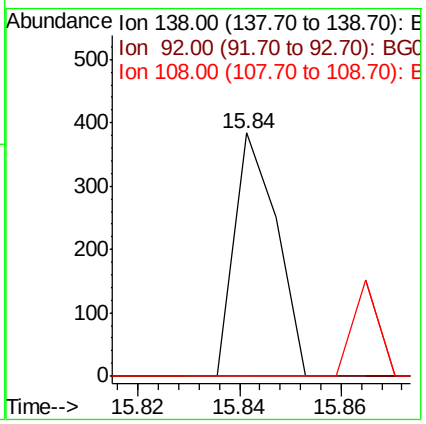


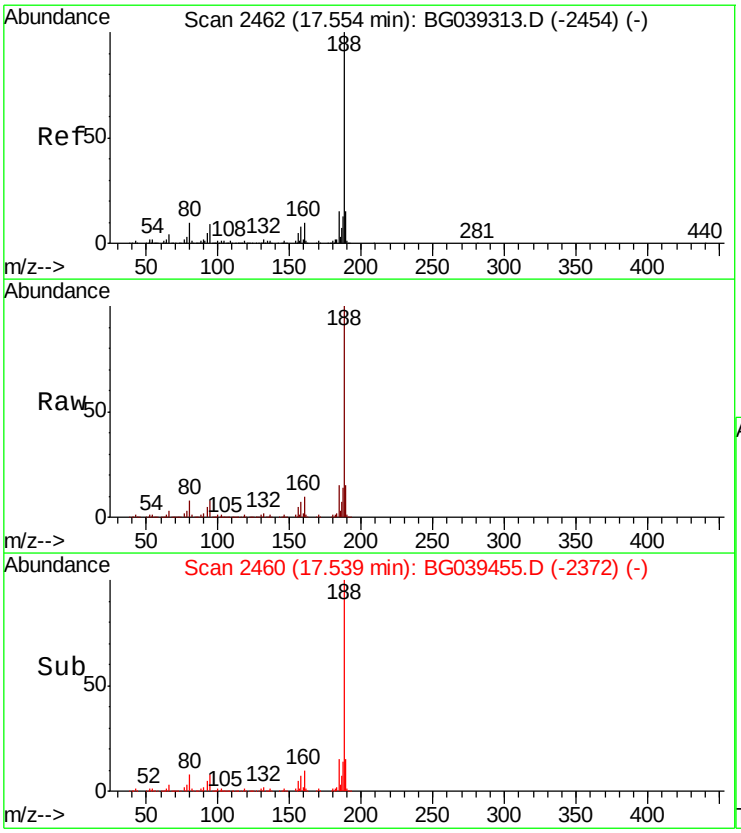
#62
4-Nitroaniline
Concen: 4.269 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:138 Resp: 224

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

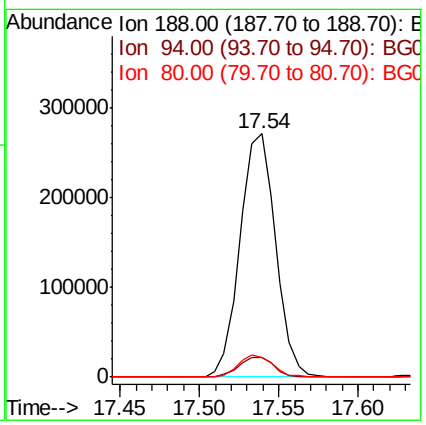


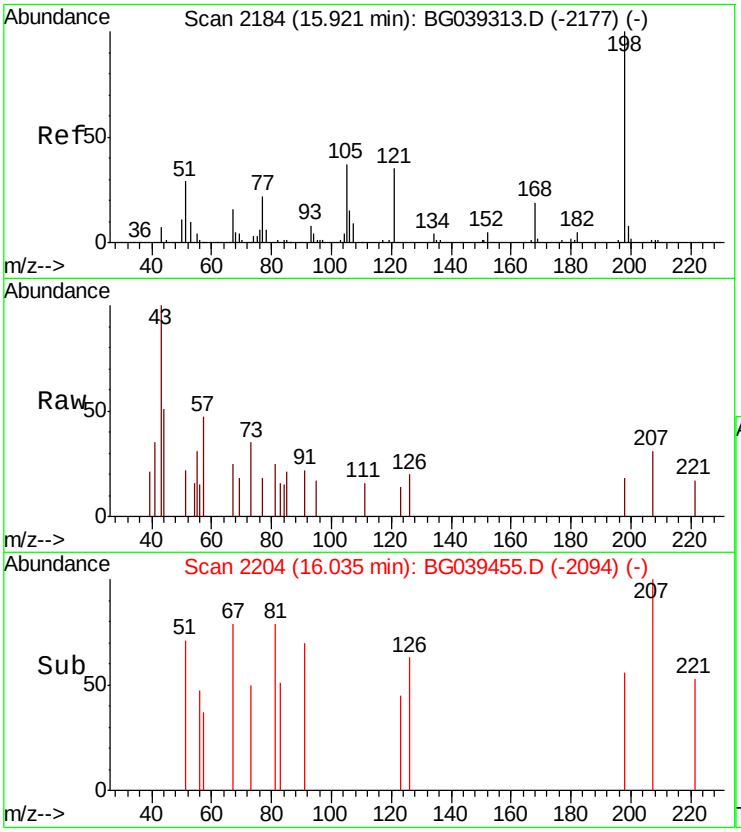


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Tgt Ion:188 Resp: 421671

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	8.2	8.1	12.1



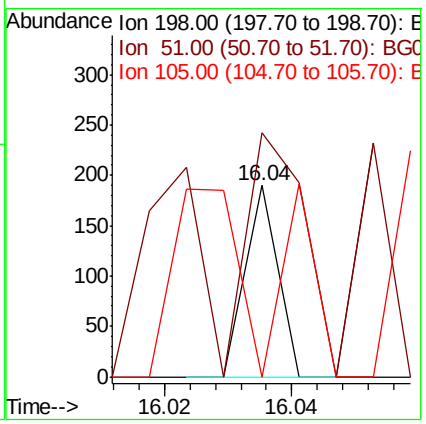


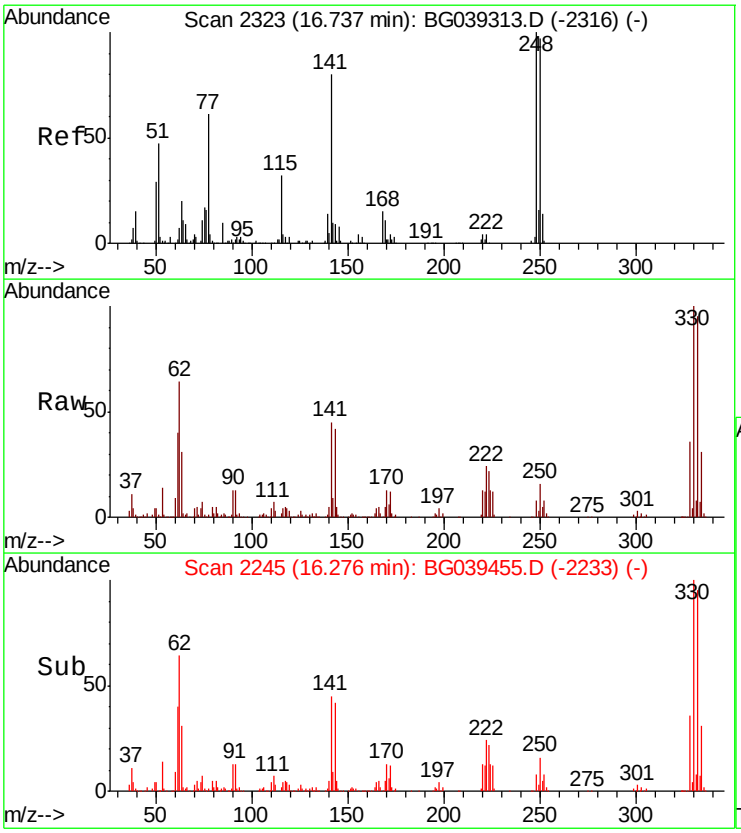
#65
4,6-Dinitro-2-methylphenol
Concen: 4.221 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.12 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:198 Resp: 67

Ion	Ratio	Lower	Upper
198	100		
51	127.4	27.4	67.4#
105	0.0	19.7	59.7#

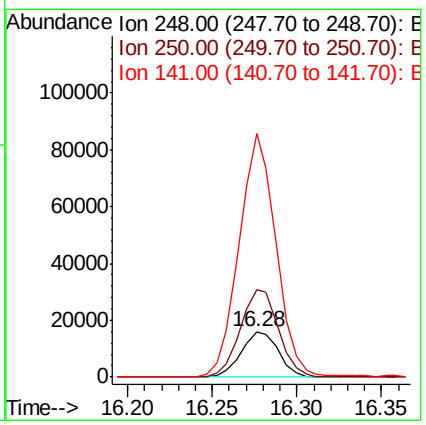


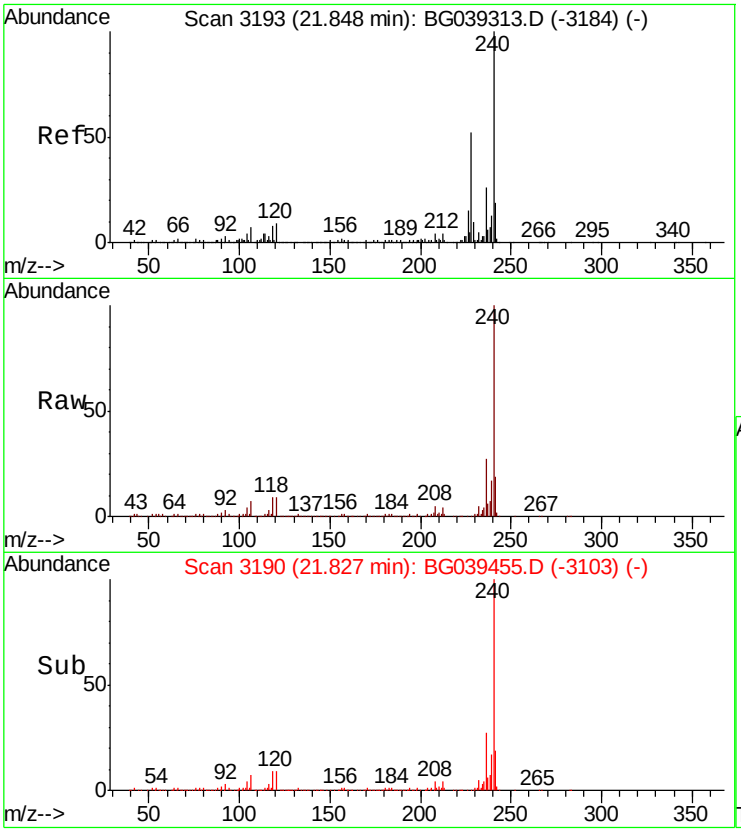


#67
4-Bromophenyl-phenylether
Concen: 5.222 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Tgt Ion:248 Resp: 24427

Ion	Ratio	Lower	Upper
248	100		
250	192.5	77.6	116.4#
141	536.4	63.9	95.9#



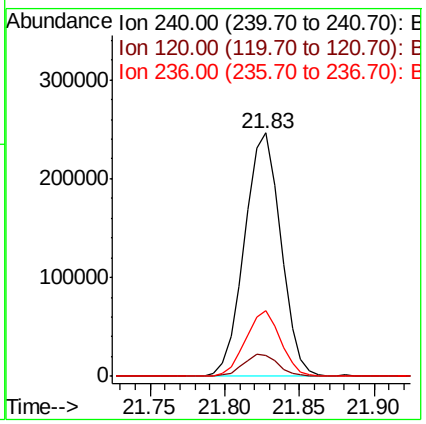


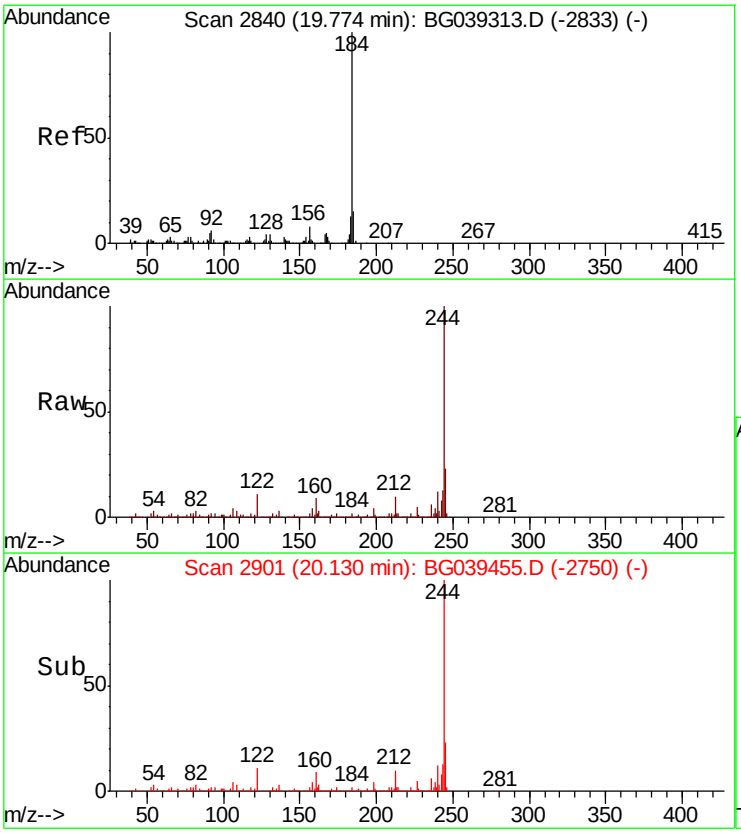
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:240 Resp: 413917

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	26.9	21.0	31.4

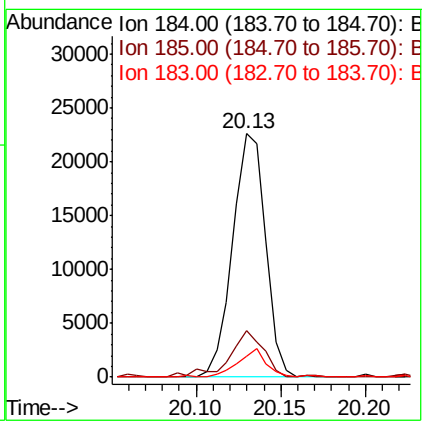


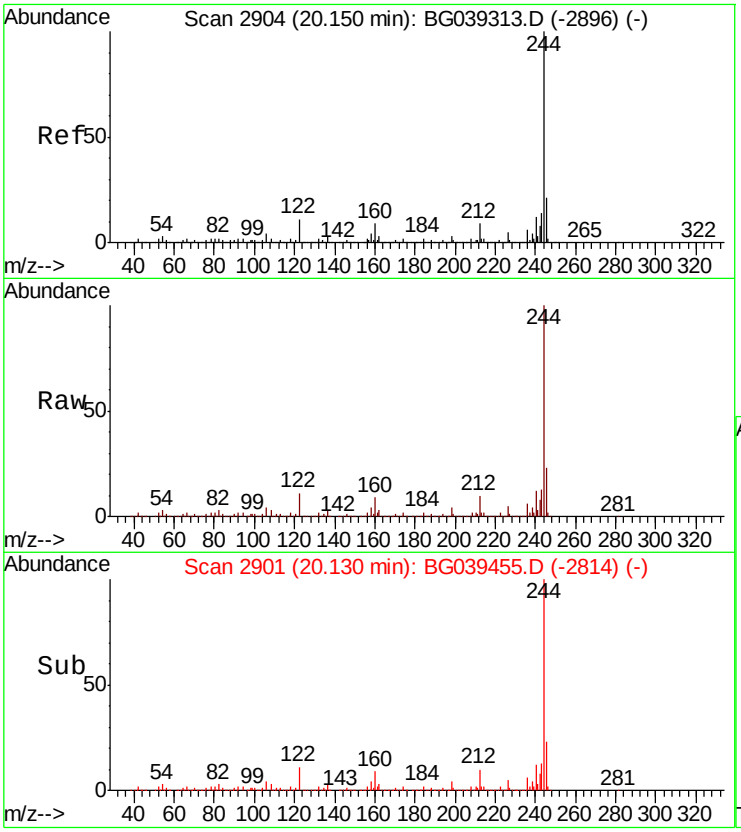


#77
Benzidine
Concen: 2.264 ng
RT: 20.13 min Scan# 2901
Delta R.T. 0.36 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Tgt Ion:184 Resp: 30721

Ion	Ratio	Lower	Upper
184	100		
185	19.0	12.2	18.2#
183	8.4	10.6	15.8#



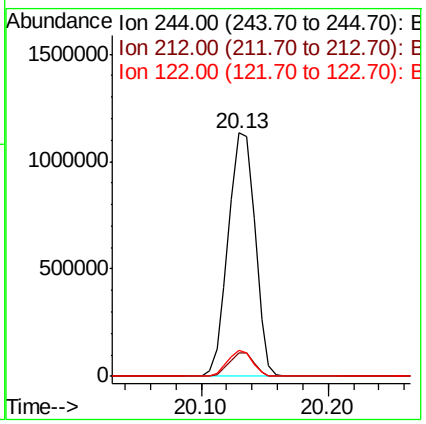


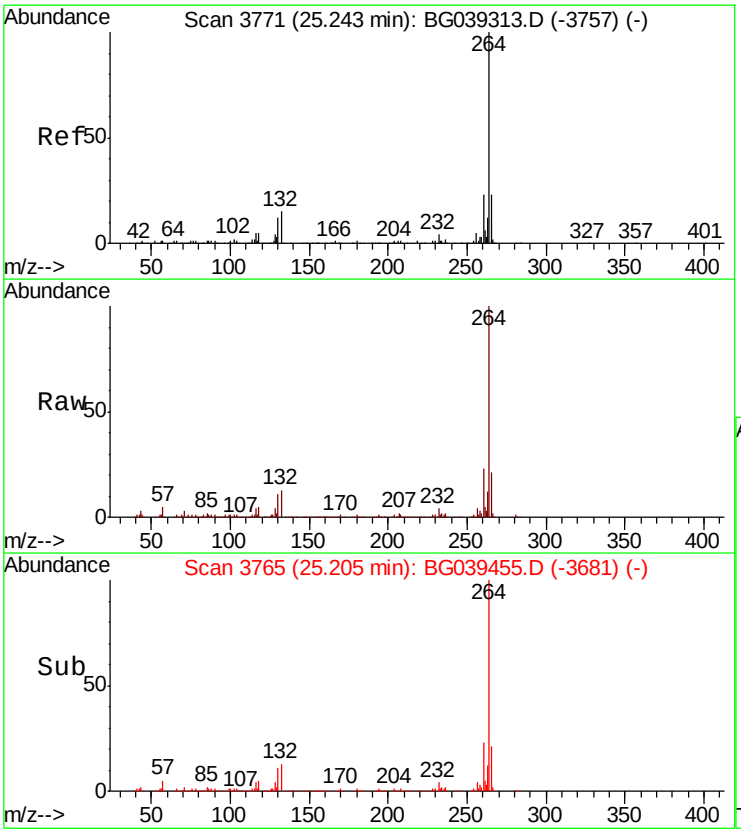
#79
Terphenyl-d14
Concen: 85.052 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:244 Resp: 1663187

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.5	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039455.D
Acq: 12 Feb 2019 4:38

Tgt Ion:264 Resp: 418902

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	20.9	18.5	27.7