Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020119\
Data File : BG039354.D
Acq On : 1 Feb 2019 22:30
Operator : JU/SJ
Sample : K1307-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 013019-SIDI-E-D-B

Quant Time: Feb 02 01:05:11 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	48828	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	205809	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	138374	20.00	ng		-0.01
64) Phenanthrene-d10	17.55	188	330127	20.00	ng		0.00
76) Chrysene-d12	21.84	240	350281	20.00	ng		-0.01
87) Perylene-d12	25.22	264	352704	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	114916	40.28	ng		0.00
7) Phenol-d6	7.31	99	101079	24.07	ng		-0.01
23) Nitrobenzene-d5	9.36	82	365440	110.93	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	153127	102.77	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	907194	94.05	ng		0.00
79) Terphenyl-d14	20.14	244	1288557	77.87	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	7.32	77	163	Below Cal		#	4
10) Phenol	7.34	94	19503	4.455	ng		92
19) n-Nitroso-di-n-propylamine	9.36	70	48638	16.318	ng	#	70
32) Benzoic acid	10.57	122	54	9.044	ng	#	1
48) 2-Nitroaniline	14.25	65	245	8.378	ng	#	1
50) Dimethylphthalate	14.25	163	26295	2.353	ng	#	99
51) 2,6-Dinitrotoluene	14.80	165	17823	13.926	ng	#	24
56) 4-Nitrophenol	15.08	139	64	5.823	ng	#	1
57) 2,4-Dinitrotoluene	14.80	165	17823	13.401	ng	#	19
62) 4-Nitroaniline	16.20	138	69	4.229	ng	#	10
65) 4,6-Dinitro-2-methylphenol	16.28	198	482	4.642	ng	#	1
67) 4-Bromophenyl-phenylether	16.28	248	11848	3.235	ng	#	1
77) Benzidine	20.14	184	23153	2.016	ng	#	95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020119\
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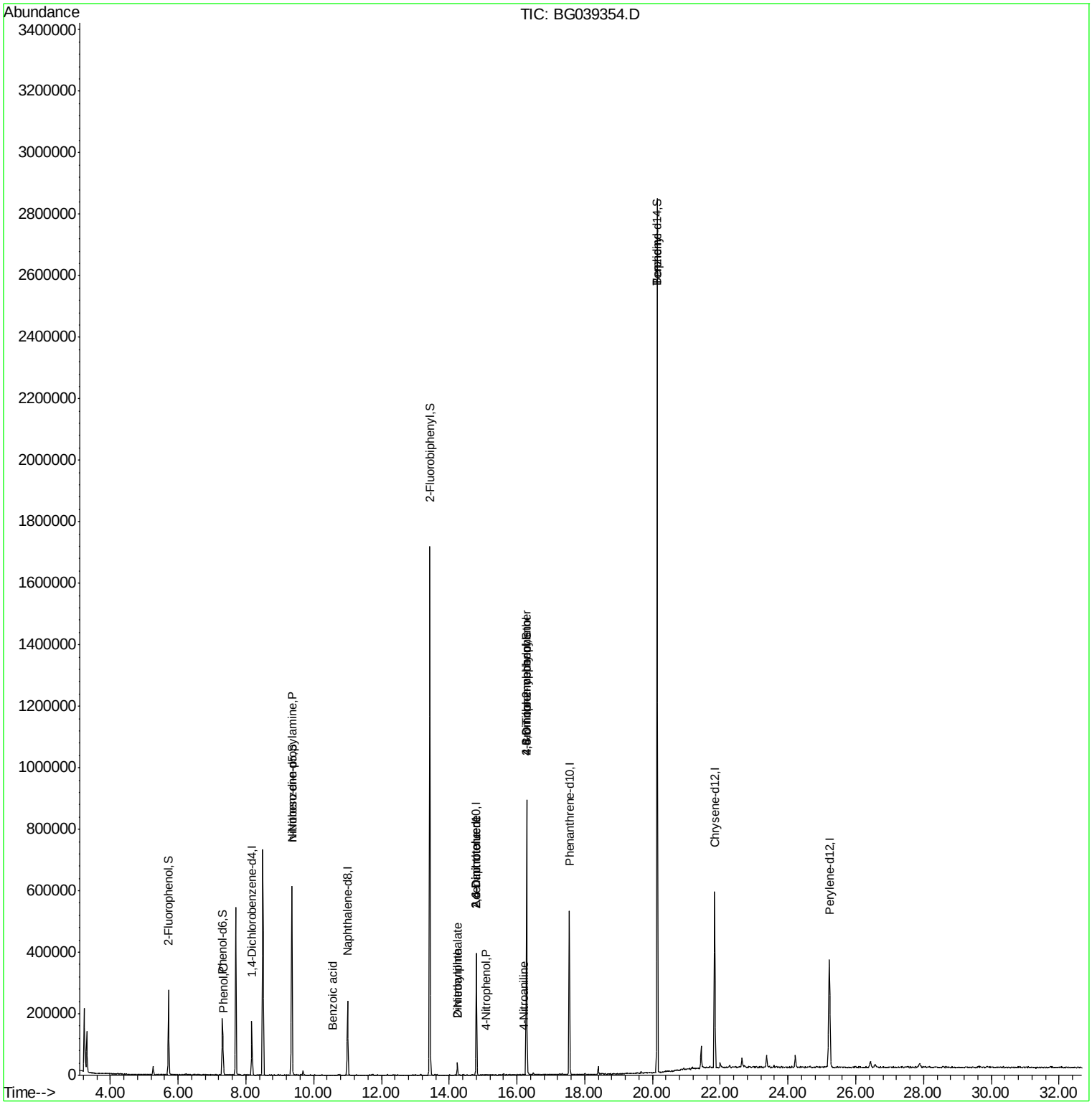
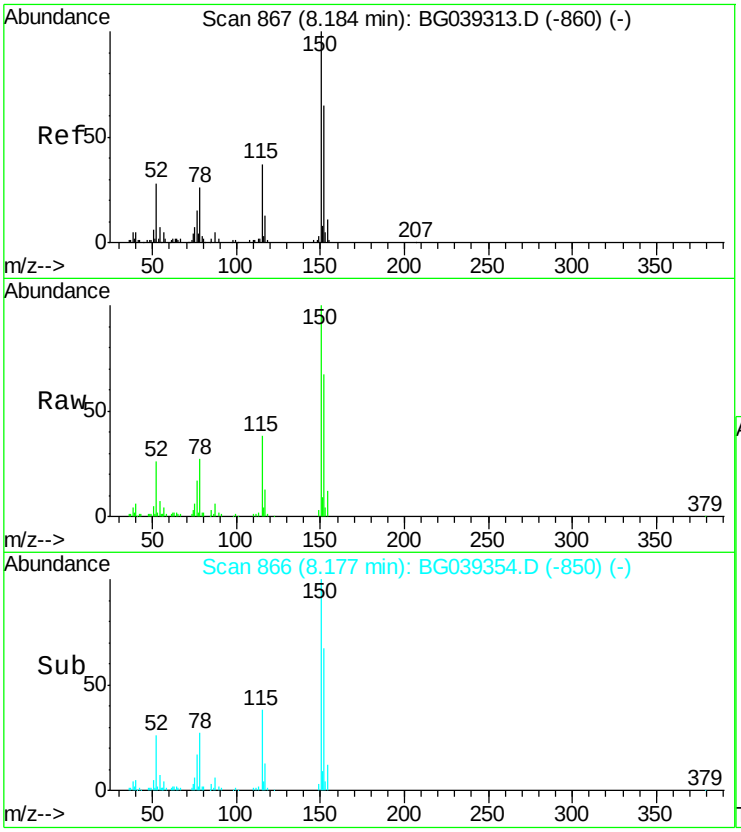
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-B

Quant Time: Feb 02 01:05:11 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



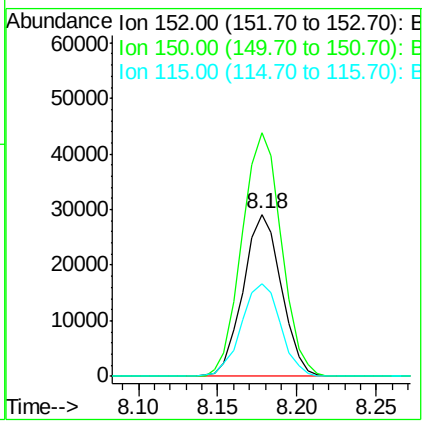


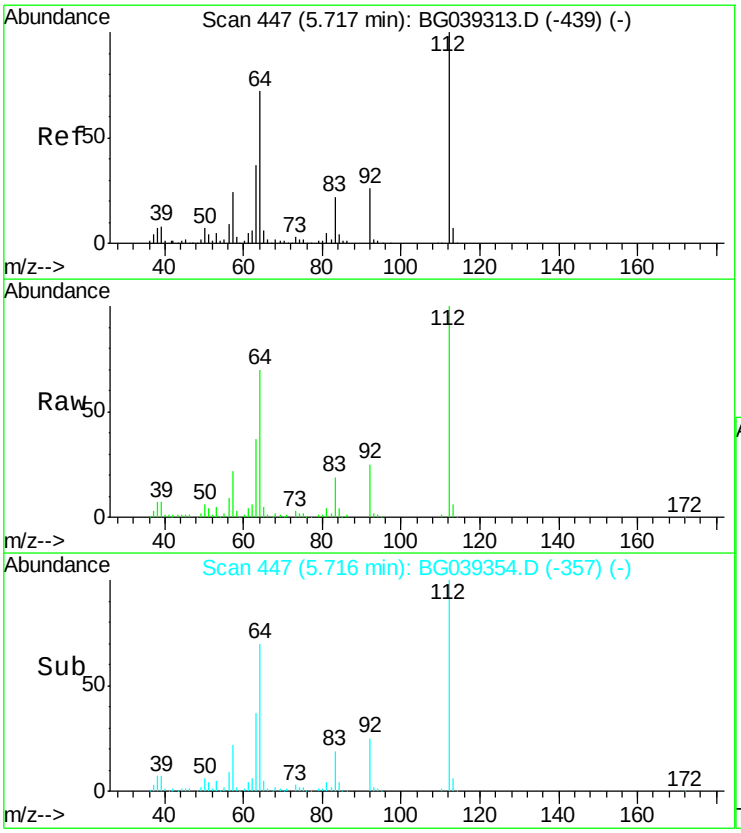
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-B

Tgt Ion:152 Resp: 48828

Ion	Ratio	Lower	Upper
152	100		
150	150.1	123.7	185.5
115	56.8	45.9	68.9

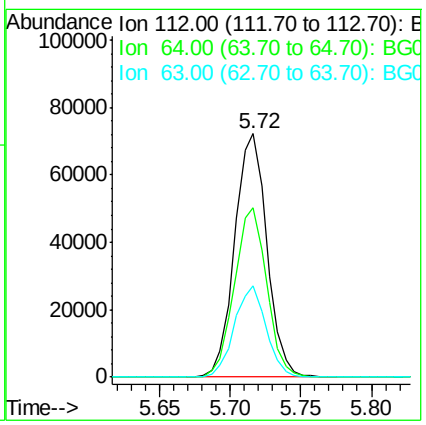


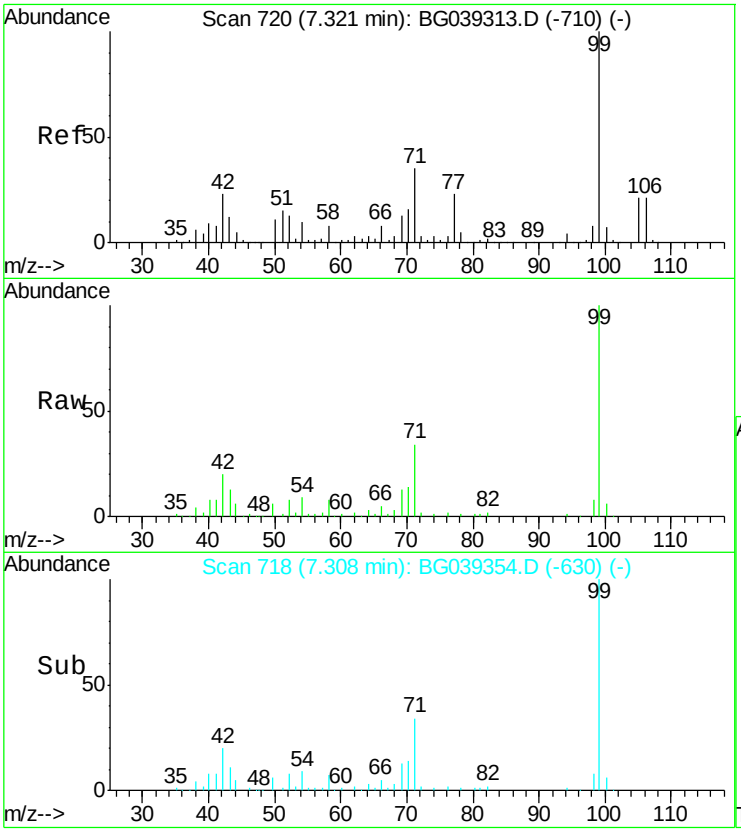


#5
2-Fluorophenol
Concen: 40.280 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Tgt Ion:112 Resp: 114916

Ion	Ratio	Lower	Upper
112	100		
64	69.5	57.8	86.8
63	37.2	29.8	44.6



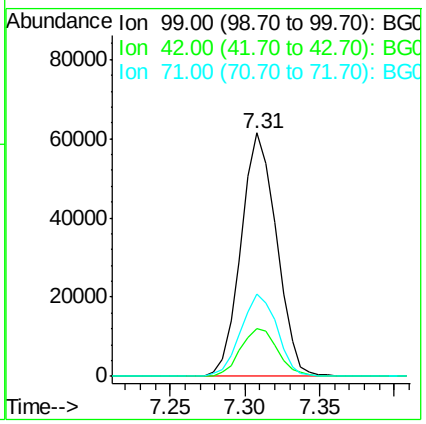


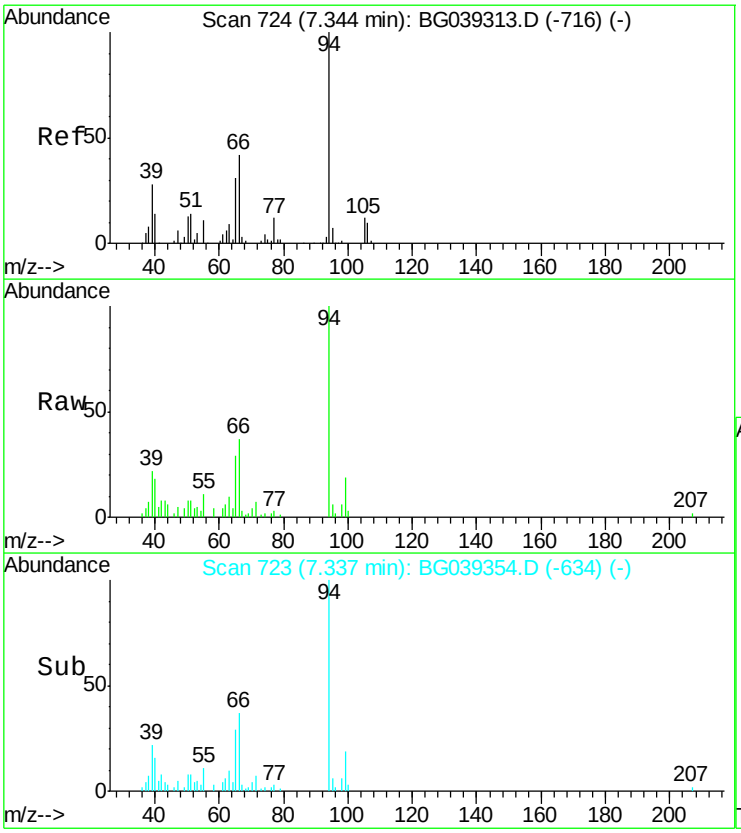
#7
Phenol-d6
Concen: 24.070 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-B

Tgt Ion: 99 Resp: 101079

Ion	Ratio	Lower	Upper
99	100		
42	19.8	18.2	27.2
71	33.8	28.0	42.0

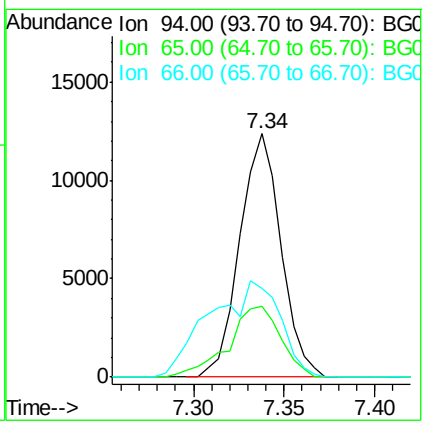


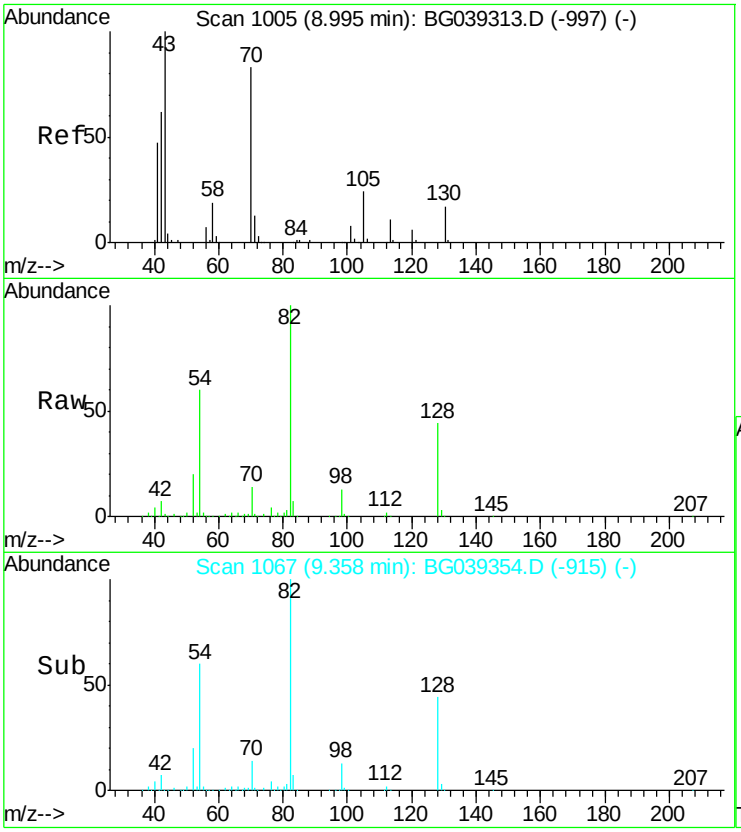


#10
Phenol
Concen: 4.455 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Tgt Ion: 94 Resp: 19503

Ion	Ratio	Lower	Upper
94	100		
65	29.2	11.7	51.7
66	36.6	23.7	63.7



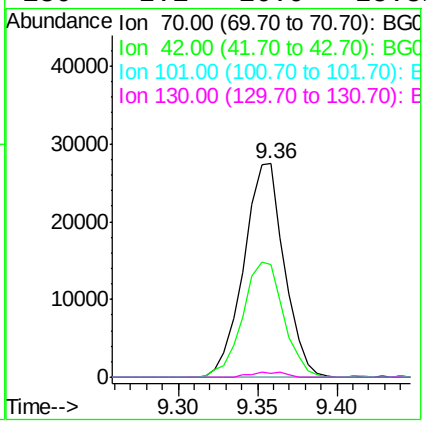


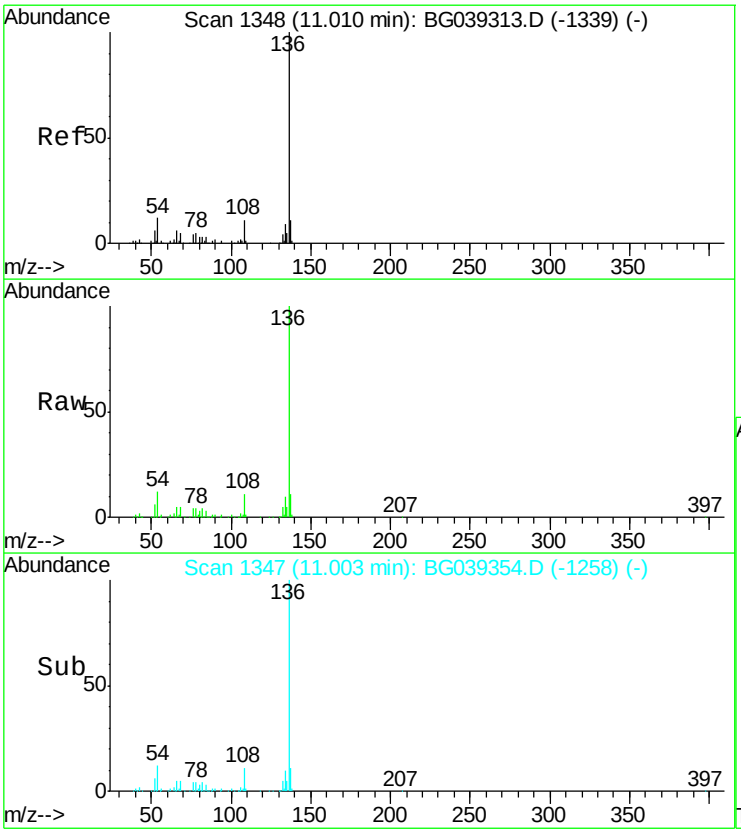
#19
n-Nitroso-di-n-propylamine
Concen: 16.318 ng
RT: 9.36 min Scan# 1067
Delta R.T. 0.36 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-B

Tgt Ion: 70 Resp: 48638

Ion	Ratio	Lower	Upper
70	100		
42	52.5	60.4	90.6#
101	0.0	7.5	11.3#
130	2.1	16.9	25.3#

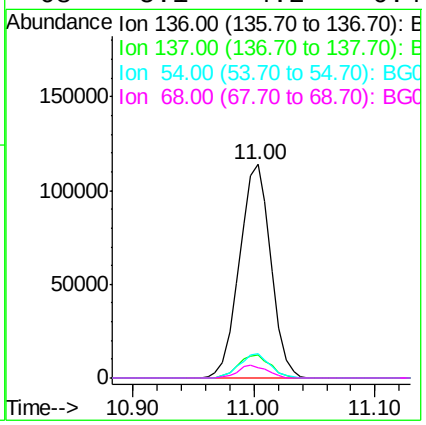


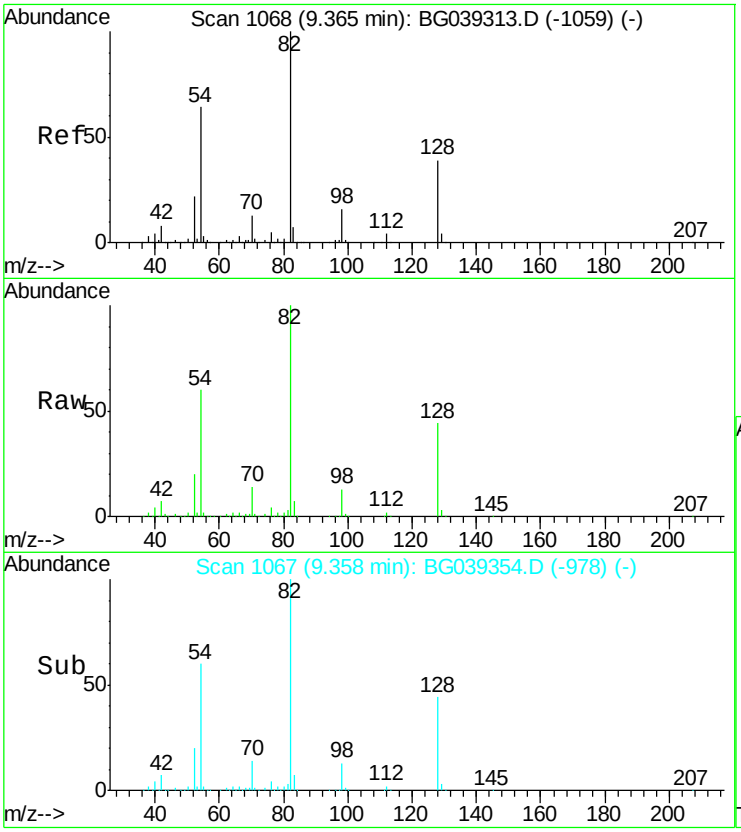


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Tgt Ion:136 Resp: 205809

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	11.5	9.4	14.2
68	5.1	4.2	6.4



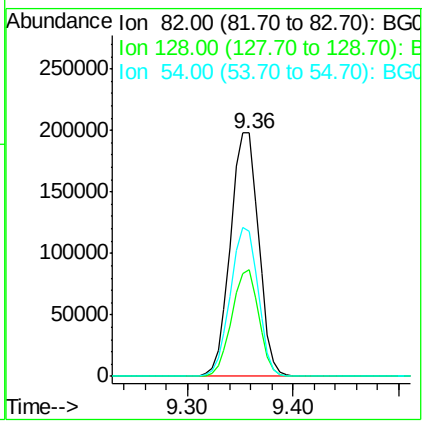


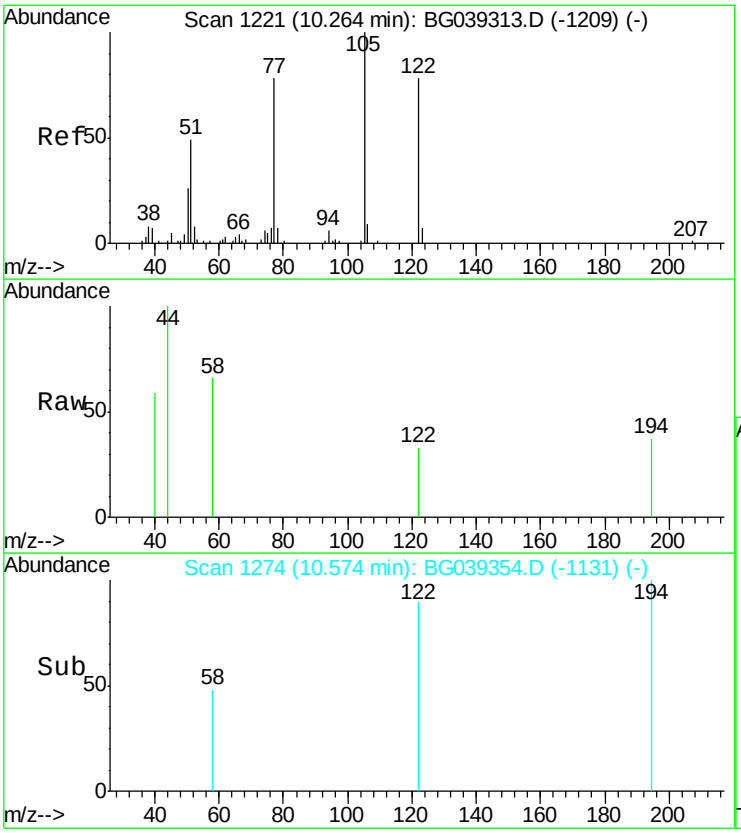
#23
Nitrobenzene-d5
Concen: 110.926 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-B

Tgt Ion: 82 Resp: 365440

Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	59.7	50.9	76.3

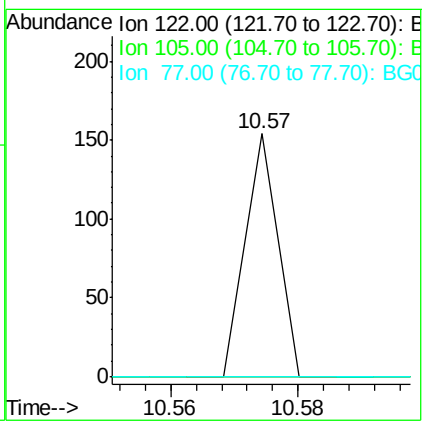


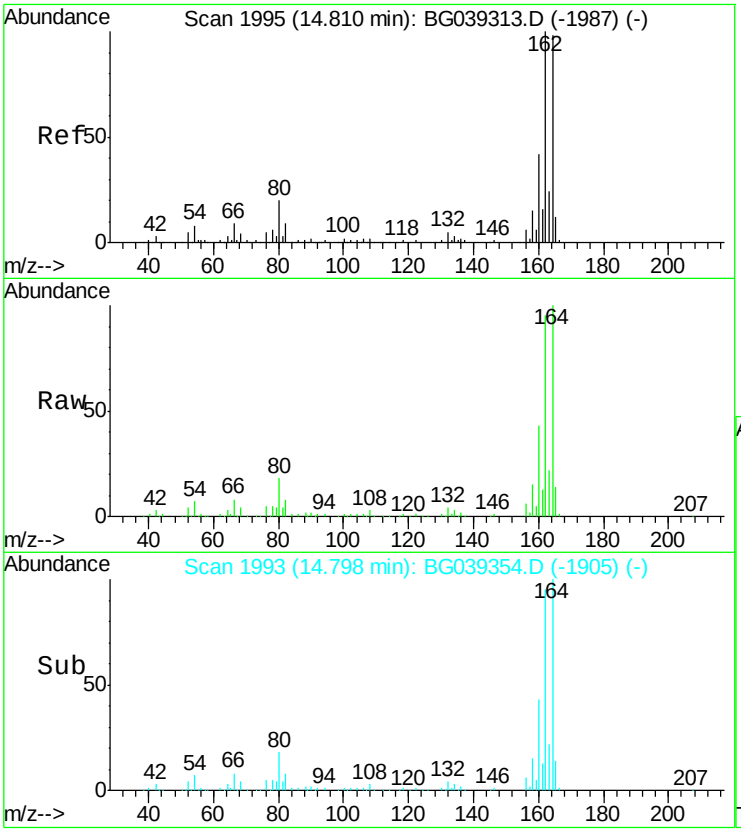


#32
Benzoic acid
Concen: 9.044 ng
RT: 10.57 min Scan# 1274
Delta R.T. 0.31 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Tgt Ion:122 Resp: 54

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



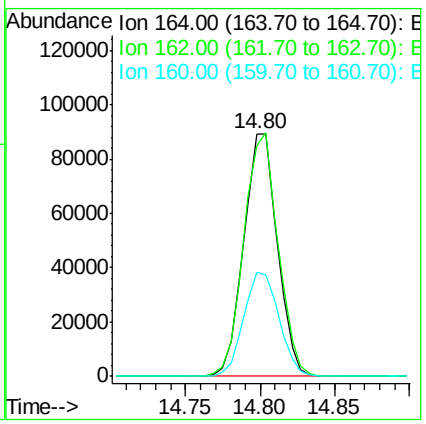


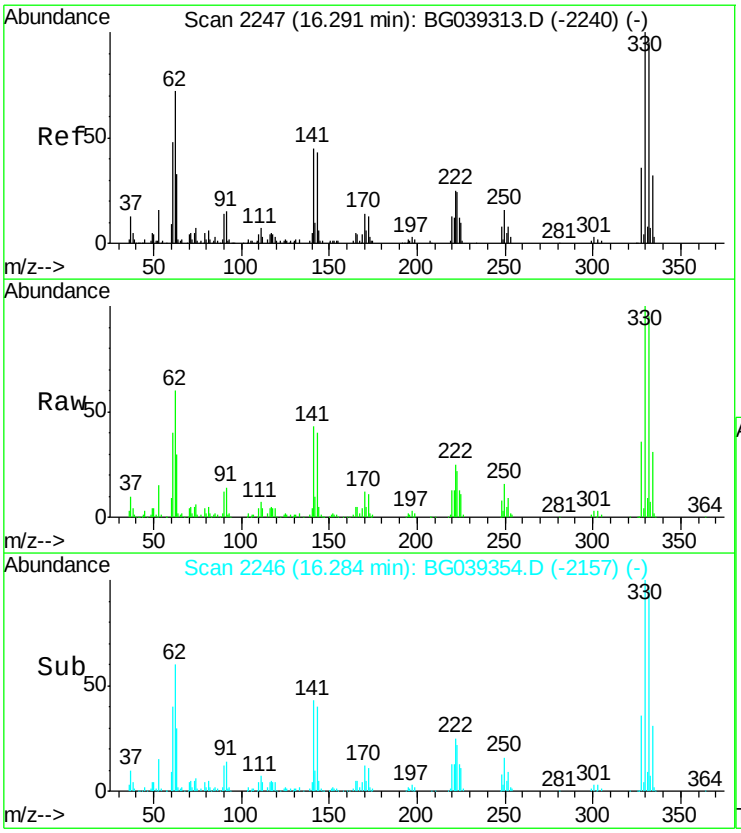
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-B

Tgt Ion:164 Resp: 138374

Ion	Ratio	Lower	Upper
164	100		
162	94.9	81.6	122.4
160	43.0	34.2	51.2

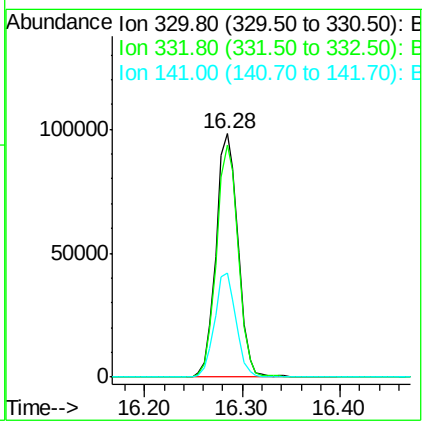


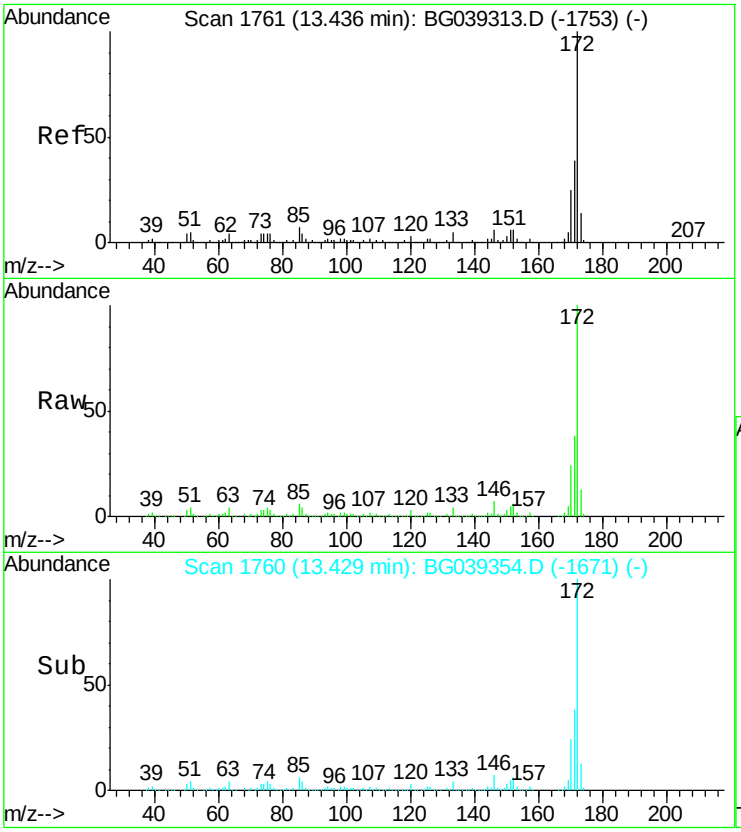


#42
2,4,6-Tribromophenol
Concen: 102.766 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Tgt Ion:330 Resp: 153127

Ion	Ratio	Lower	Upper
330	100		
332	94.2	75.7	113.5
141	41.5	35.6	53.4



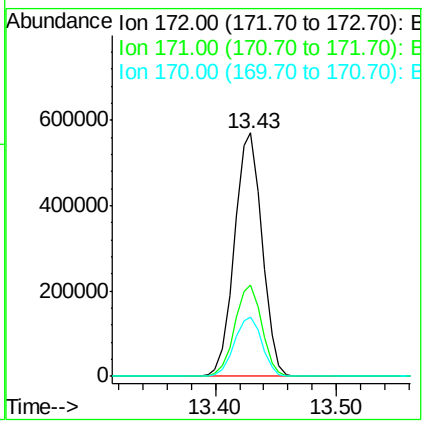


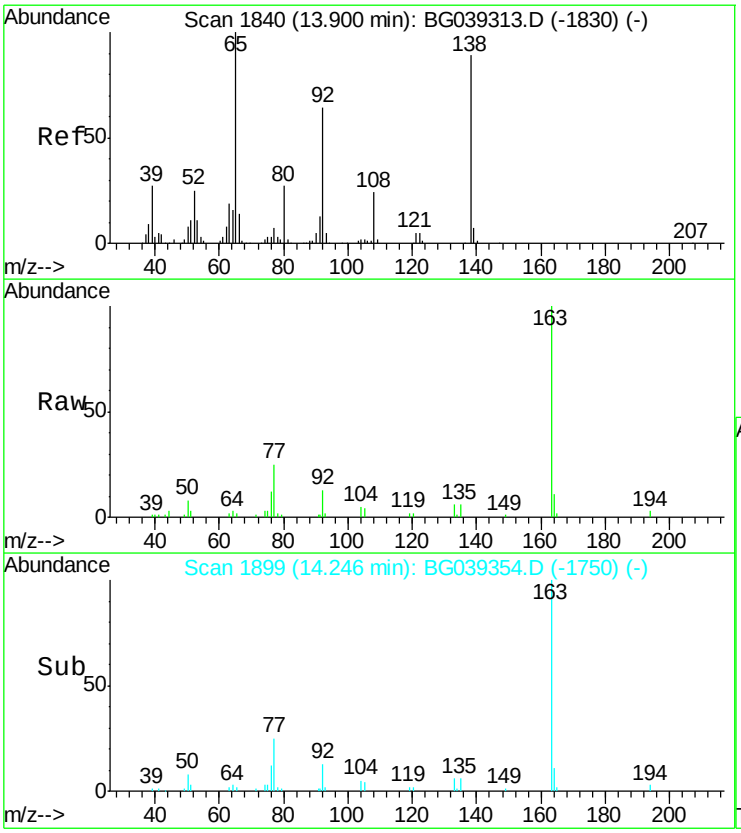
#45
2-Fluorobiphenyl
Concen: 94.051 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-B

Tgt Ion:172 Resp: 907194

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	24.4	20.2	30.4

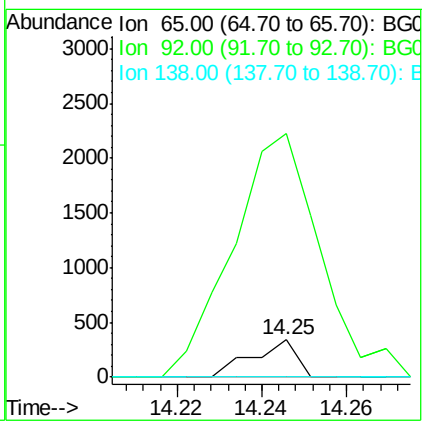


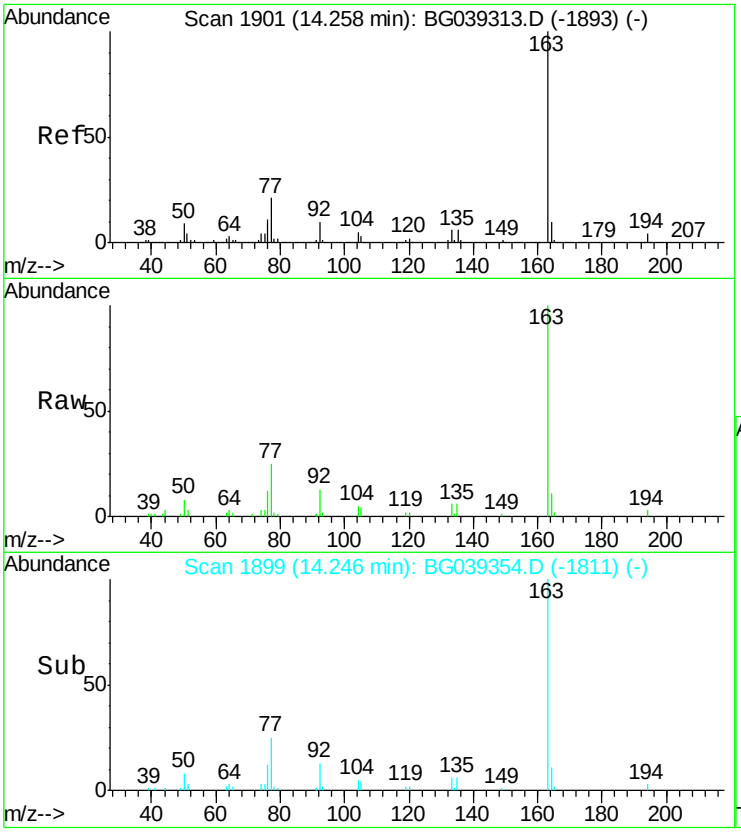


#48
2-Nitroaniline
Concen: 8.378 ng
RT: 14.25 min Scan# 1899
Delta R.T. 0.35 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Tgt Ion: 65 Resp: 245

Ion	Ratio	Lower	Upper
65	100		
92	656.0	51.4	77.2#
138	0.0	71.4	107.2#



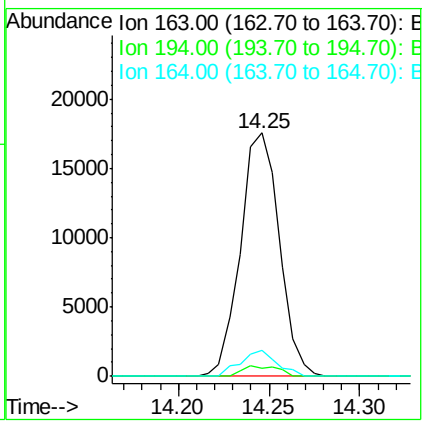


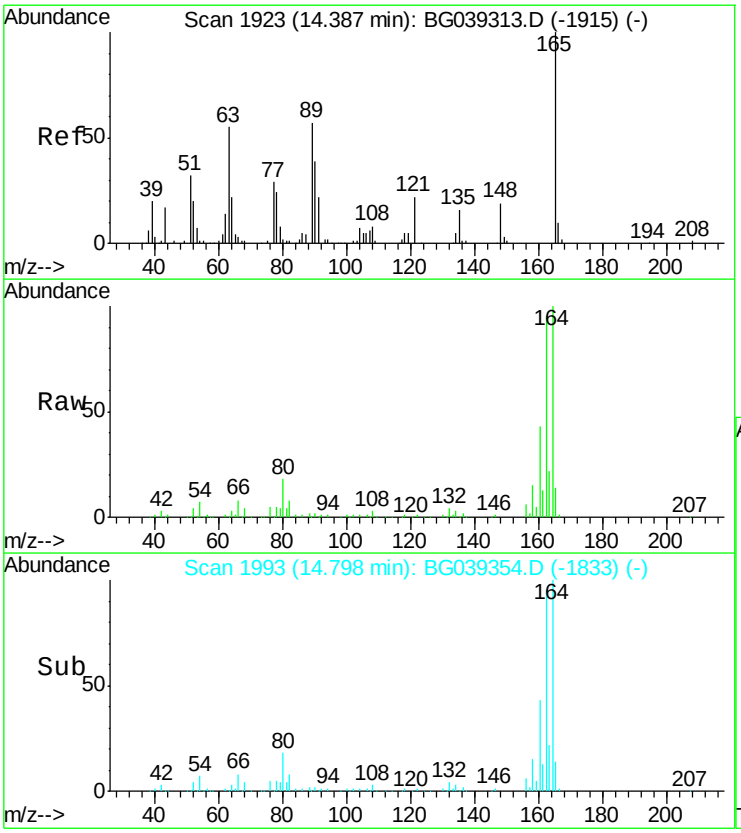
#50
Dimethylphthalate
Concen: 2.353 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-B

Tgt Ion:163 Resp: 26295

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.6	5.4#
164	10.6	8.4	12.6

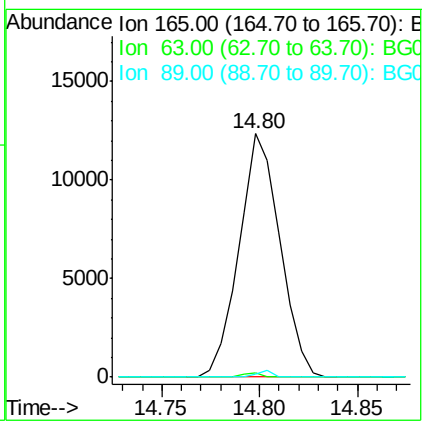


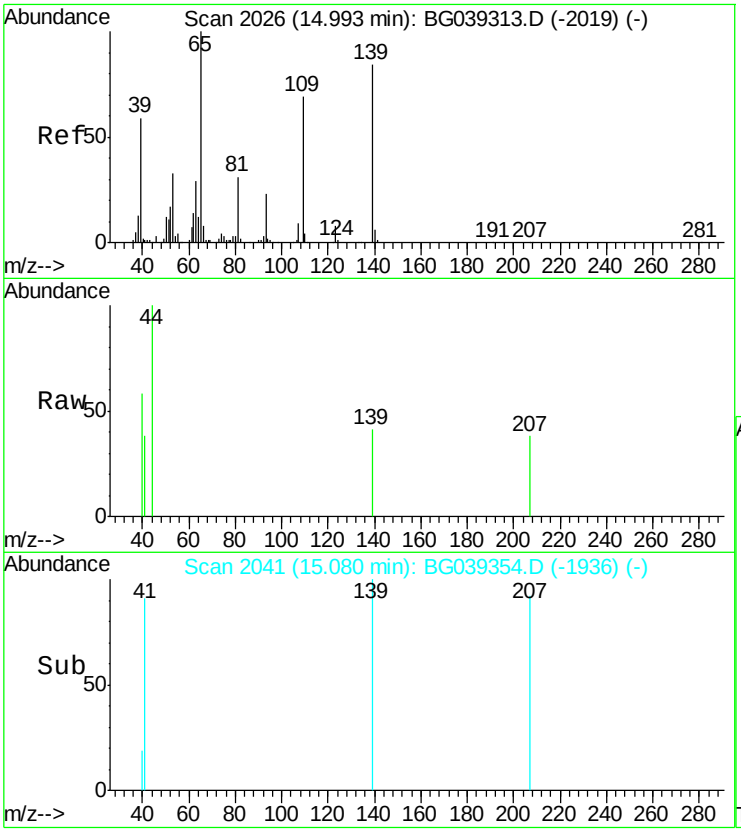


#51
2,6-Dinitrotoluene
Concen: 13.926 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Tgt Ion:165 Resp: 17823

Ion	Ratio	Lower	Upper
165	100		
63	1.6	47.0	70.6#
89	1.2	45.8	68.8#



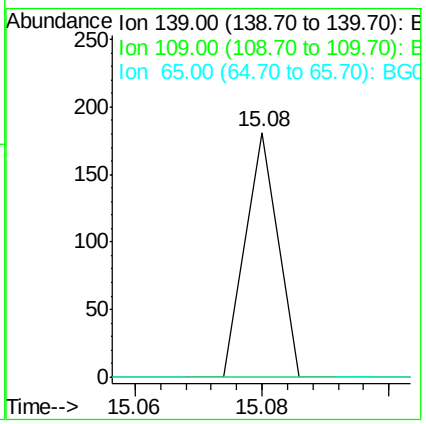


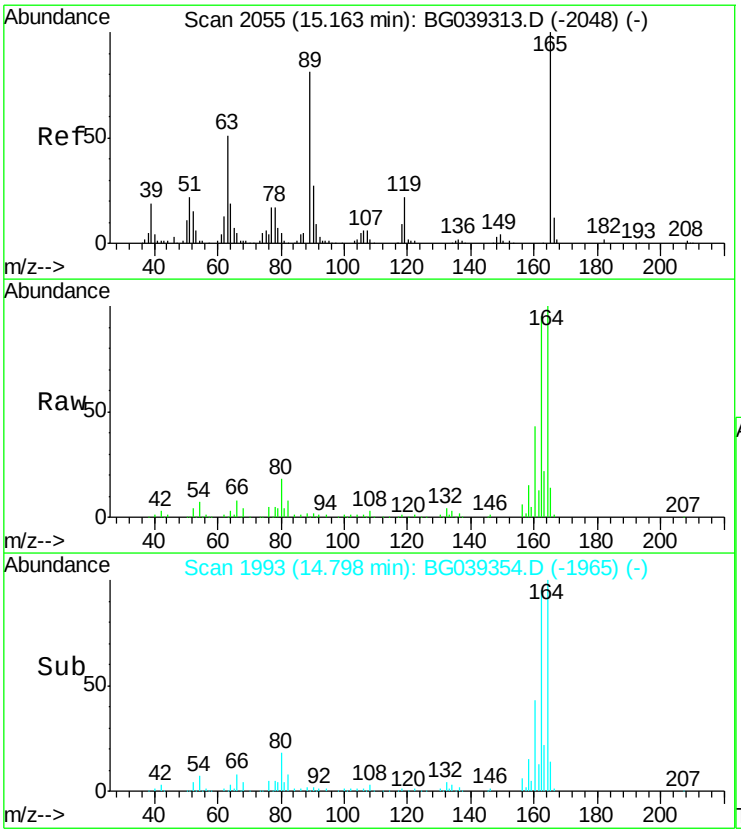
#56
4-Nitrophenol
Concen: 5.823 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.09 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-B

Tgt Ion:139 Resp: 64

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

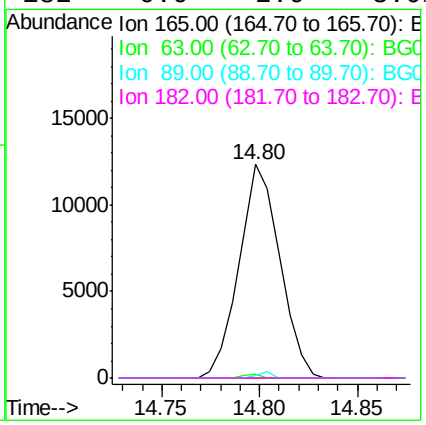


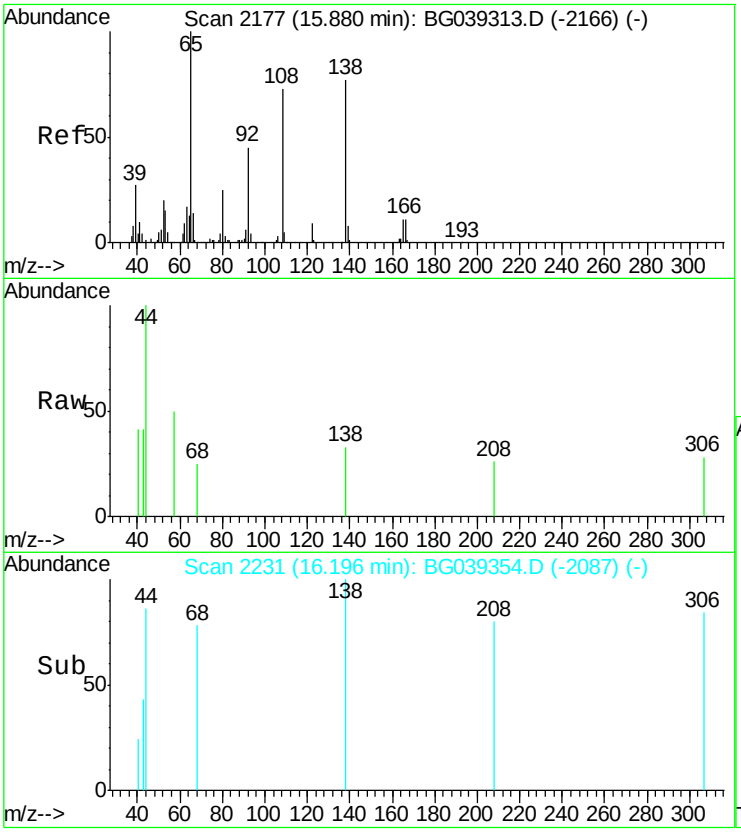


#57
2,4-Dinitrotoluene
Concen: 13.401 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.36 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Tgt Ion:165 Resp: 17823

Ion	Ratio	Lower	Upper
165	100		
63	1.6	41.0	61.6#
89	1.2	64.6	96.8#
182	0.0	2.0	3.0#



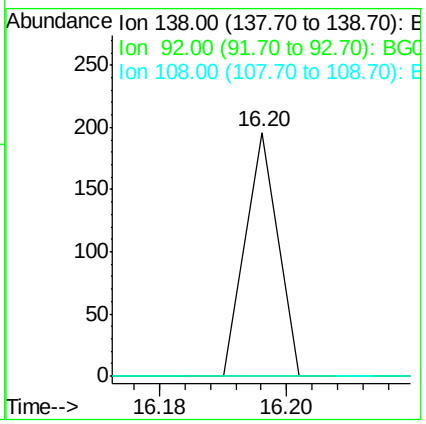


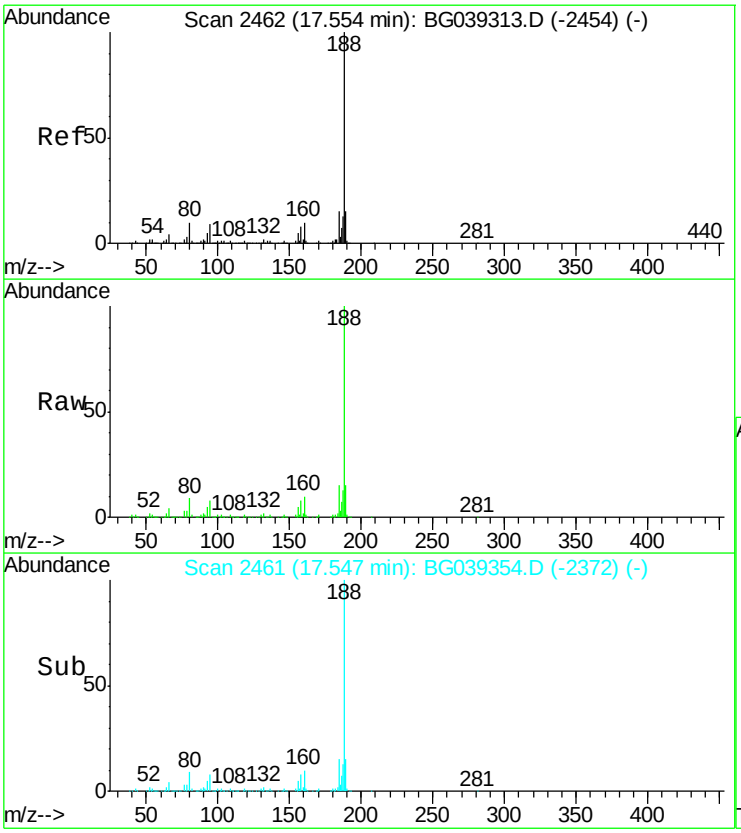
#62
4-Nitroaniline
Concen: 4.229 ng
RT: 16.20 min Scan# 2231
Delta R.T. 0.32 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-B

Tgt Ion:138 Resp: 69

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

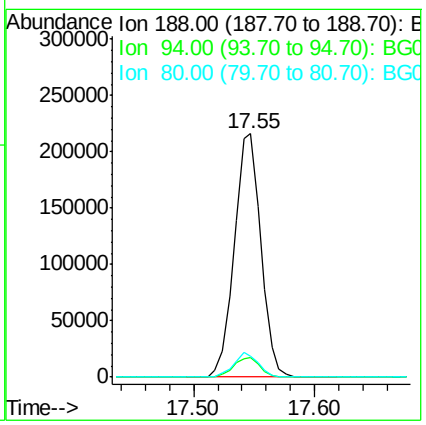


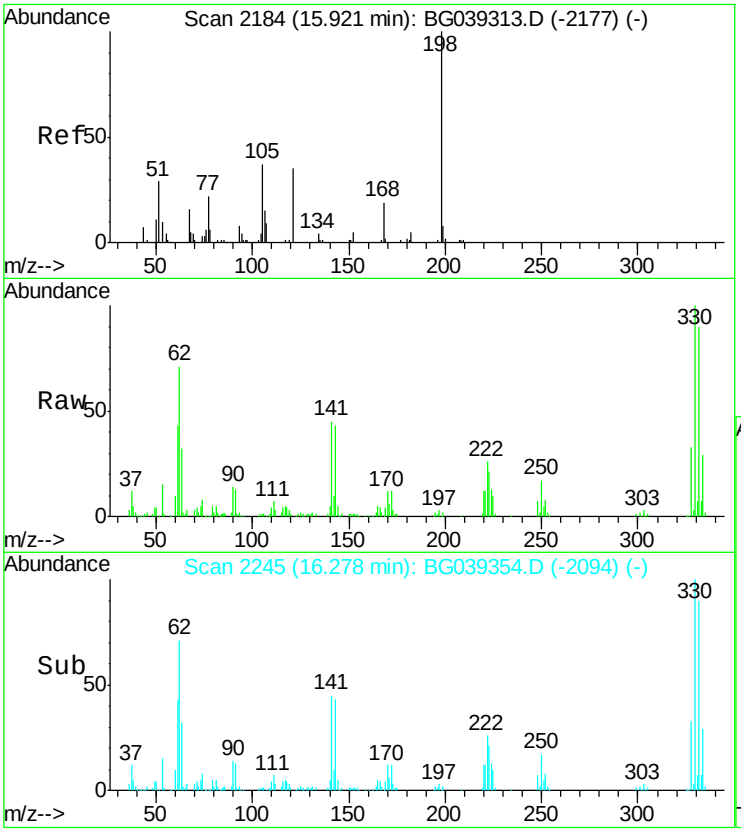


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Tgt Ion:188 Resp: 330127

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	8.6	8.1	12.1



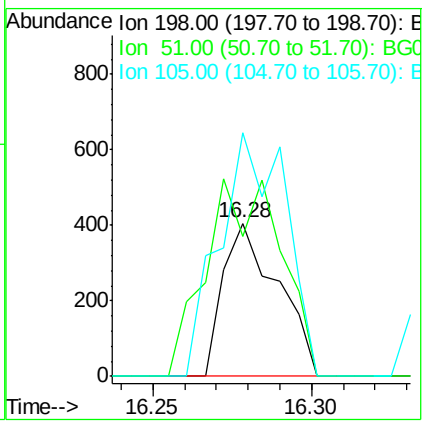


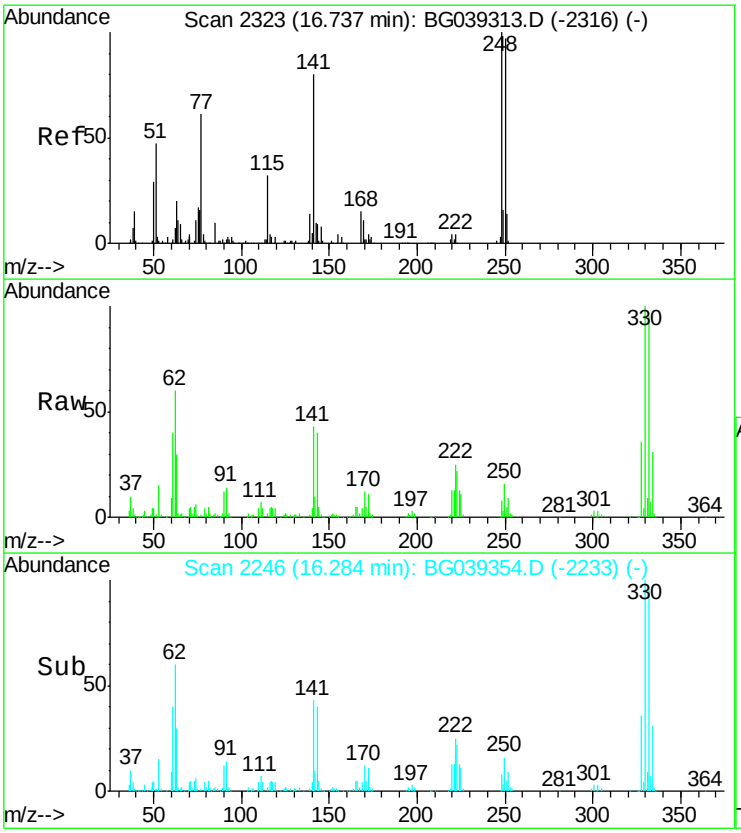
#65
4,6-Dinitro-2-methylphenol
Concen: 4.642 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-B

Tgt Ion:198 Resp: 482

Ion	Ratio	Lower	Upper
198	100		
51	91.6	27.4	67.4#
105	159.3	19.7	59.7#

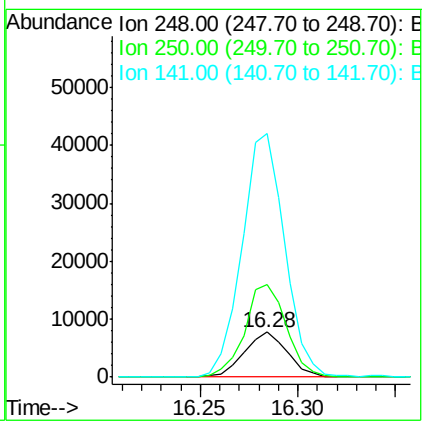


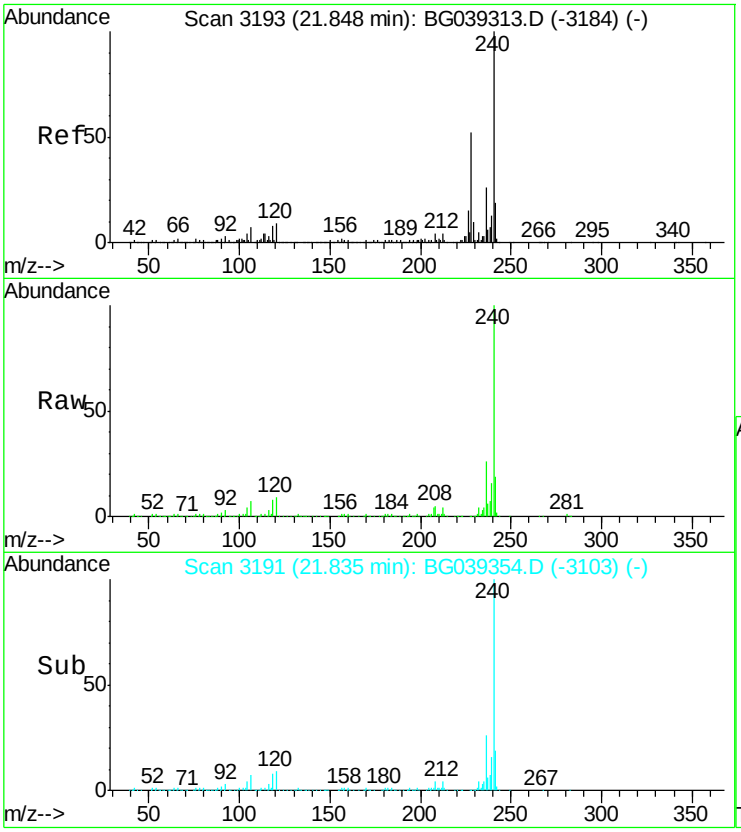


#67
4-Bromophenyl-phenylether
Concen: 3.235 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.45 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Tgt Ion:248 Resp: 11848

Ion	Ratio	Lower	Upper
248	100		
250	207.0	77.6	116.4#
141	545.7	63.9	95.9#



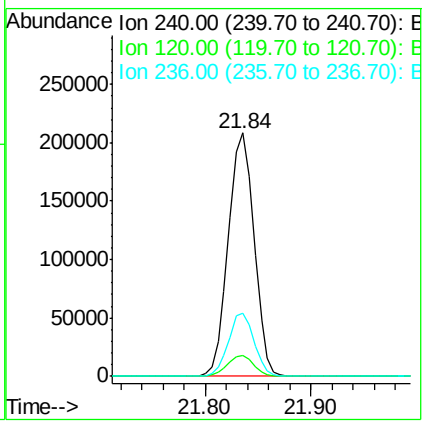


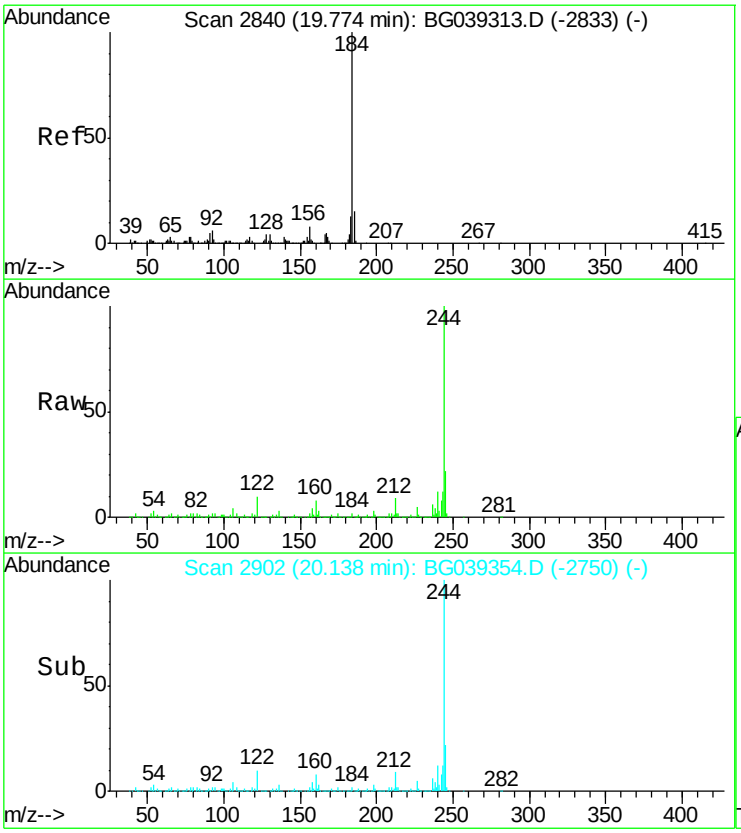
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-B

Tgt Ion:240 Resp: 350281

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.0	10.6
236	25.9	21.0	31.4

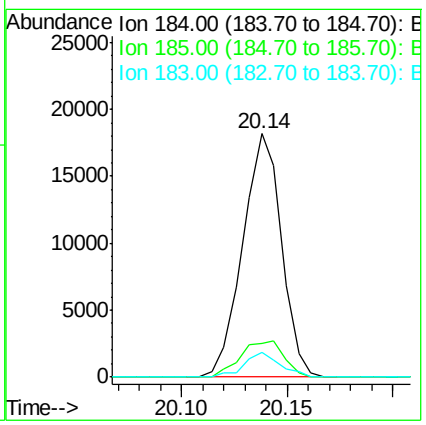


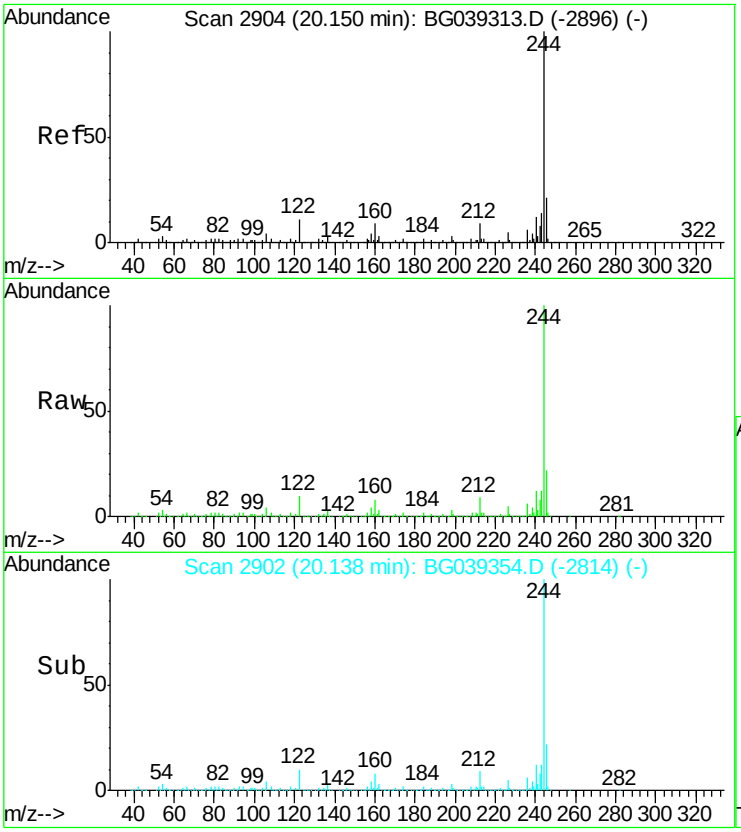


#77
Benzidine
Concen: 2.016 ng
RT: 20.14 min Scan# 2902
Delta R.T. 0.36 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Tgt Ion:184 Resp: 23153

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.2	18.2
183	10.2	10.6	15.8#



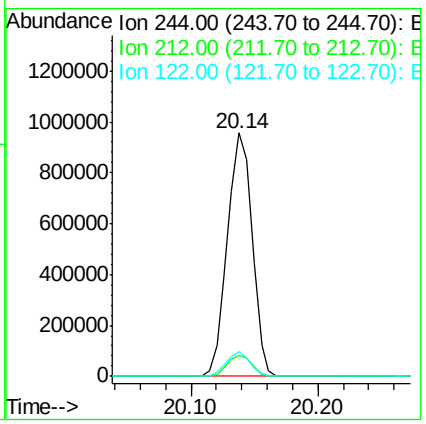


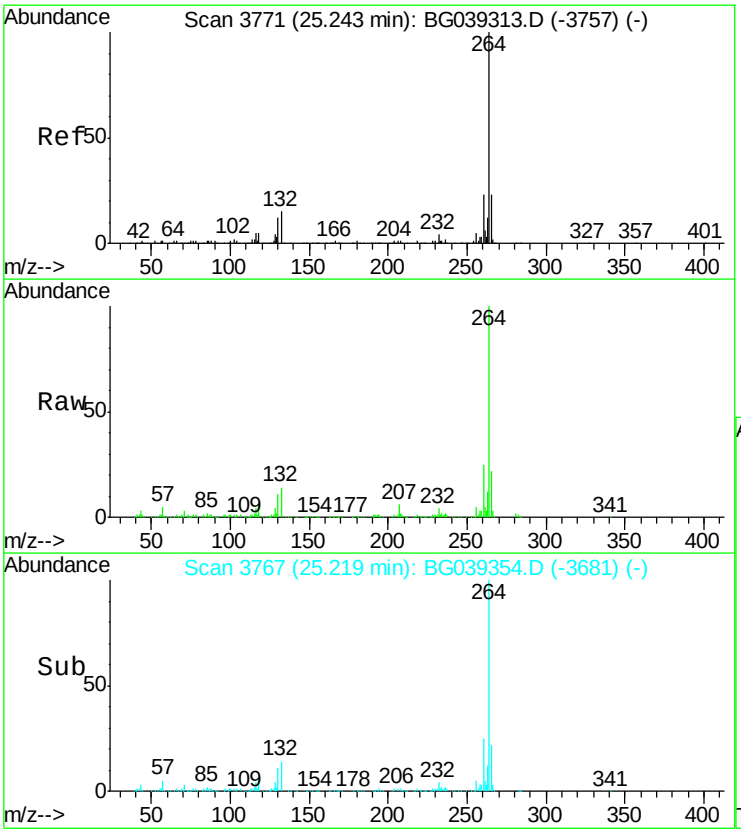
#79
Terphenyl-d14
Concen: 77.865 ng
RT: 20.14 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-B

Tgt Ion:244 Resp: 1288557

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.3	10.9
122	9.9	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BG039354.D
Acq: 1 Feb 2019 22:30

Tgt Ion:264 Resp: 352704

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.2	27.4
265	22.0	18.5	27.7