Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039678.D
Acq On : 1 Mar 2019 3:36
Operator : JU/SJ
Sample : K1340-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 01 06:07:36 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	64072	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	278171	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	187427	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	452131	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	465026	20.00	ng	-0.02
87) Perylene-d12	25.20	264	456636	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	528616	141.21	ng	0.00
7) Phenol-d6	7.31	99	701862	127.37	ng	0.00
23) Nitrobenzene-d5	9.35	82	490486	110.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	301505	149.39	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1163085	89.02	ng	-0.02
79) Terphenyl-d14	20.13	244	1775726	80.83	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.32	77	1754	Below Cal	#	21
19) n-Nitroso-di-n-propylamine	9.35	70	64287	16.437	ng	# 69
32) Benzoic acid	10.02	122	63	9.041	ng	# 1
48) 2-Nitroaniline	13.42	65	1966	8.779	ng	# 1
51) 2,6-Dinitrotoluene	14.79	165	24241	13.957	ng	# 25
53) 3-Nitroaniline	14.73	138	64	5.811	ng	# 1
56) 4-Nitrophenol	15.19	139	75	5.819	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	24241	13.424	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.28	198	1016	4.895	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	23682	4.721	ng	# 1
77) Benzidine	20.13	184	32809	2.152	ng	# 94

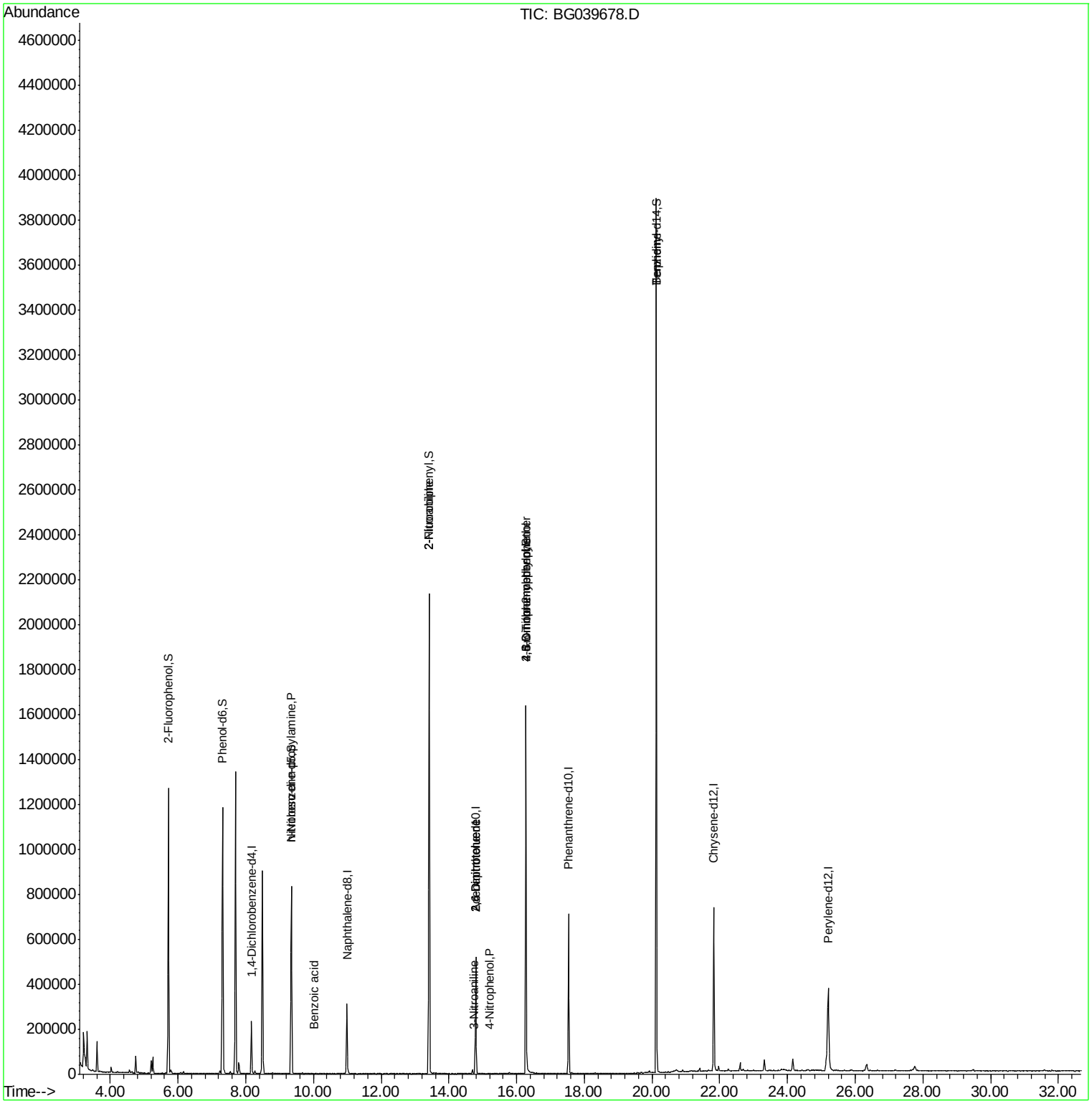
(#) = qualifier out of range (m) = manual integration (+) = signals summed

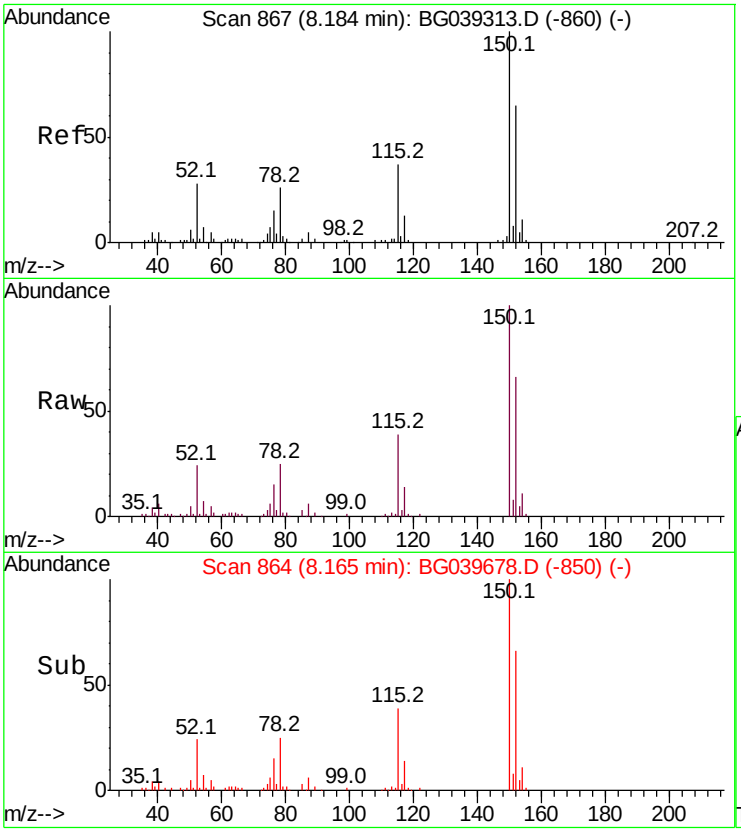
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039678.D
Acq On : 1 Mar 2019 3:36
Operator : JU/SJ
Sample : K1340-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 01 06:07:36 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



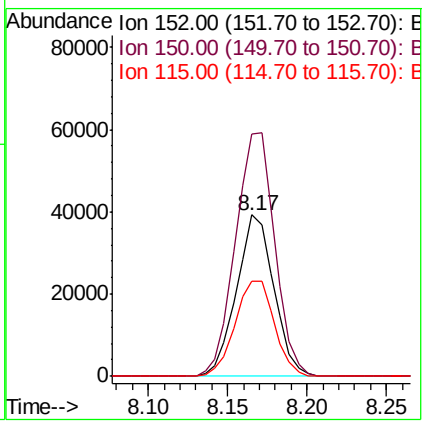


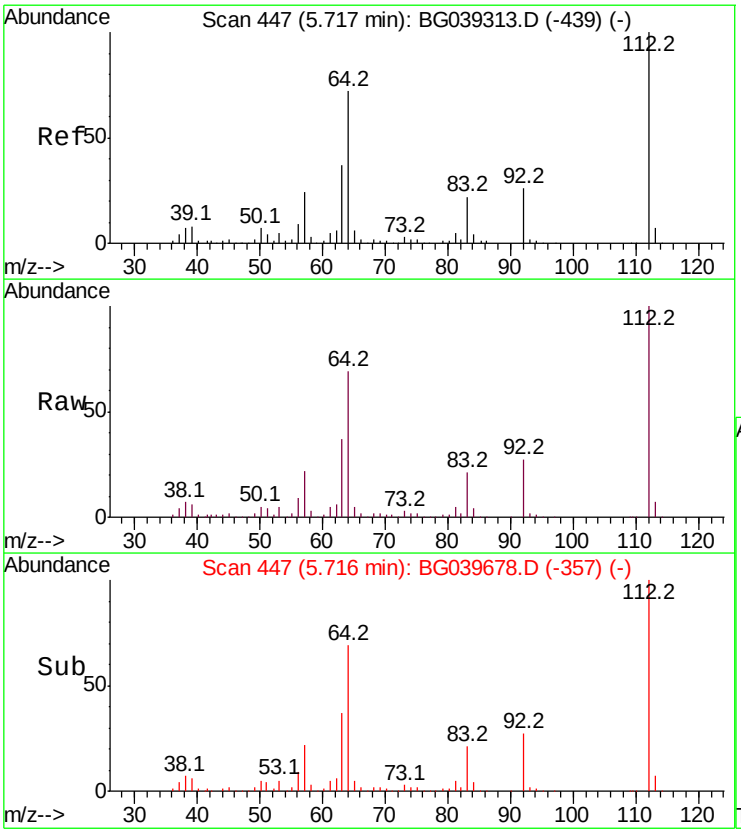
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 64072

Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.7	185.5
115	58.7	45.9	68.9

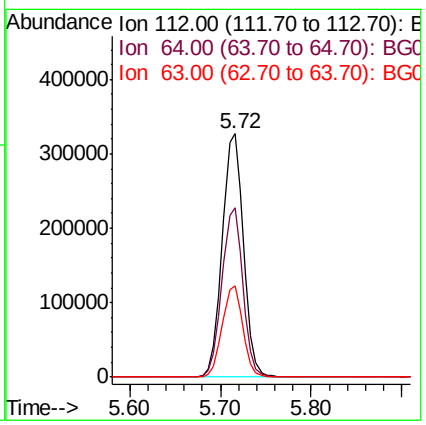


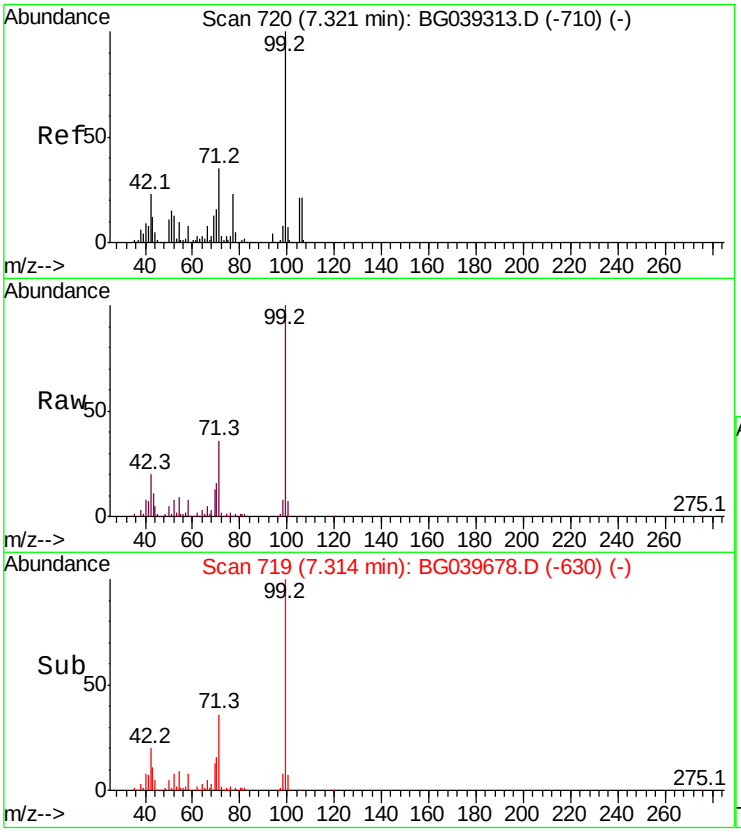


#5
2-Fluorophenol
Concen: 141.205 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Tgt Ion:112 Resp: 528616

Ion	Ratio	Lower	Upper
112	100		
64	69.4	57.8	86.8
63	37.4	29.8	44.6



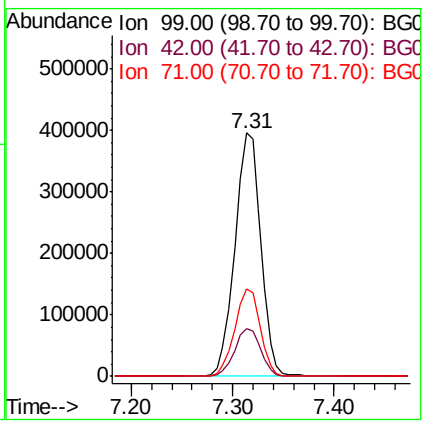


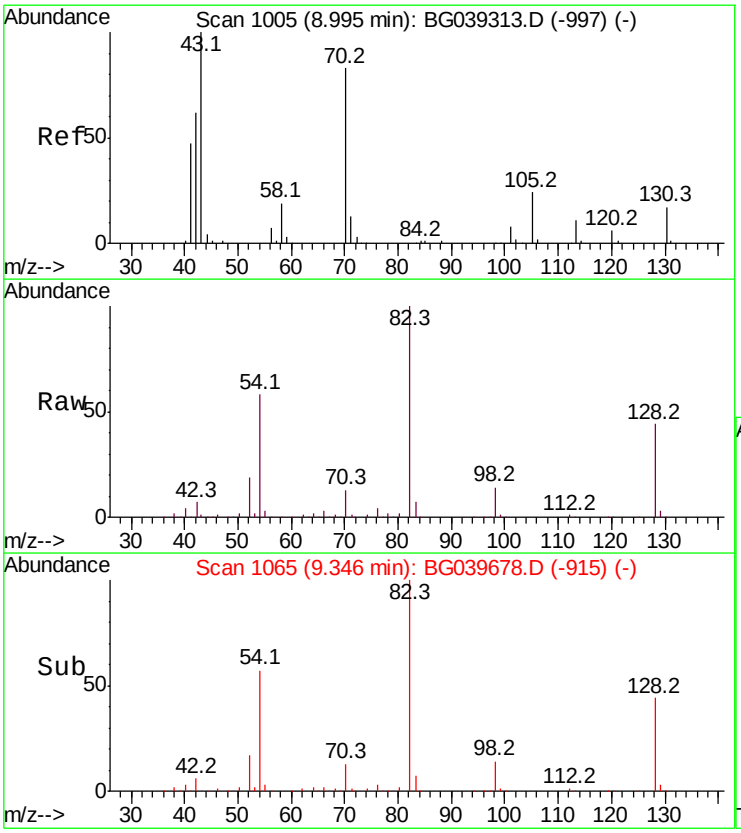
#7
Phenol-d6
Concen: 127.369 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 701862

Ion	Ratio	Lower	Upper
99	100		
42	19.6	18.2	27.2
71	36.0	28.0	42.0

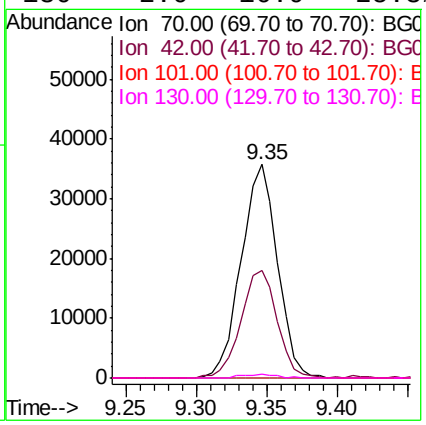


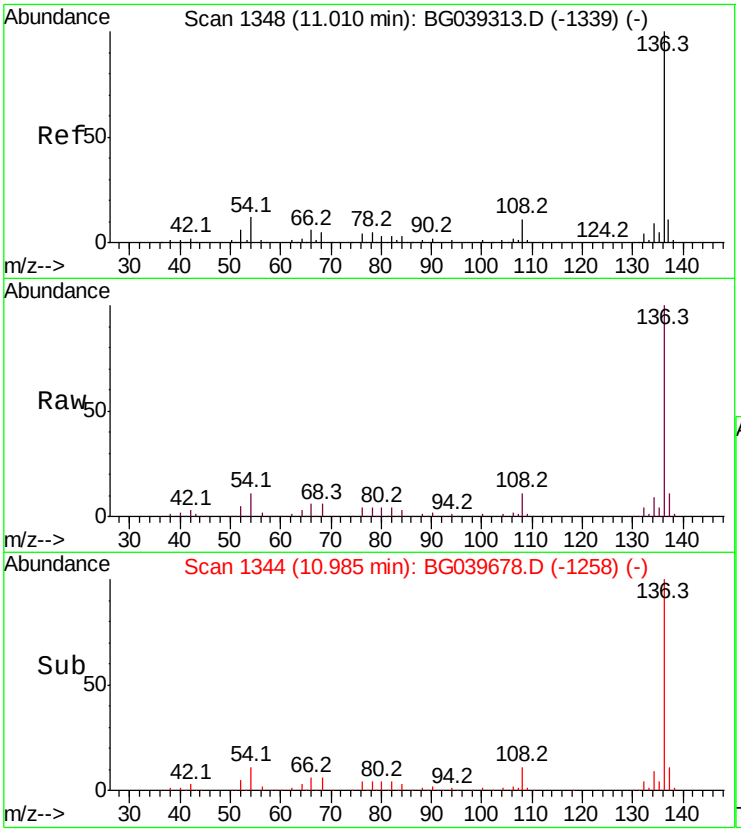


#19
n-Nitroso-di-n-propylamine
Concen: 16.437 ng
RT: 9.35 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Tgt Ion: 70 Resp: 64287

Ion	Ratio	Lower	Upper
70	100		
42	50.2	60.4	90.6#
101	0.0	7.5	11.3#
130	2.0	16.9	25.3#



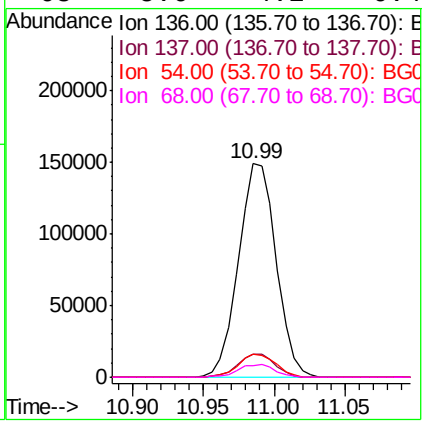


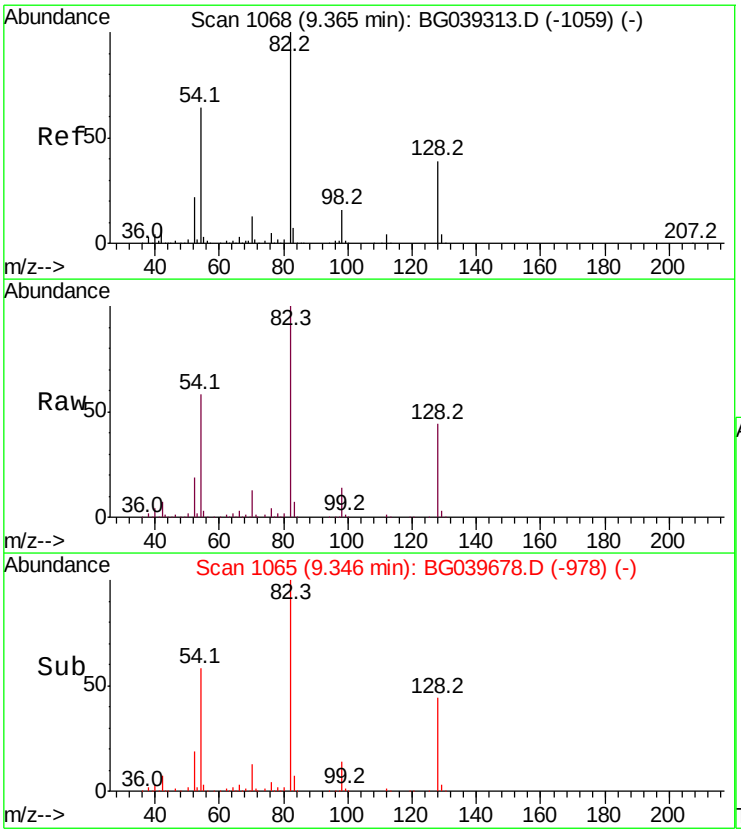
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 278171

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.5	9.4	14.2
68	5.6	4.2	6.4

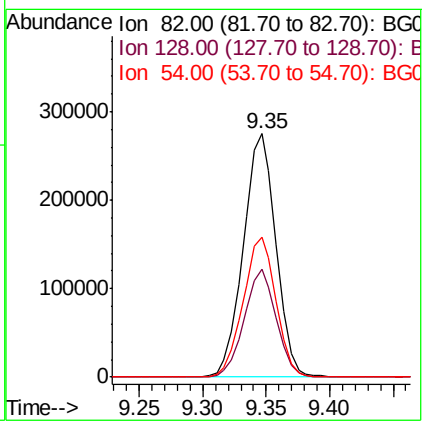


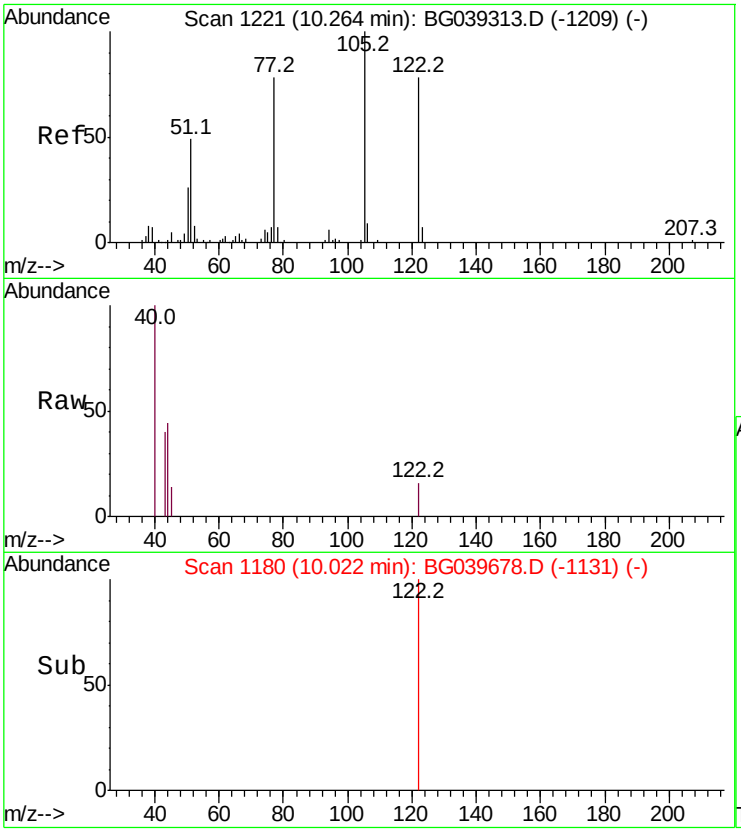


#23
Nitrobenzene-d5
Concen: 110.153 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Tgt Ion: 82 Resp: 490486

Ion	Ratio	Lower	Upper
82	100		
128	44.2	31.3	46.9
54	57.5	50.9	76.3



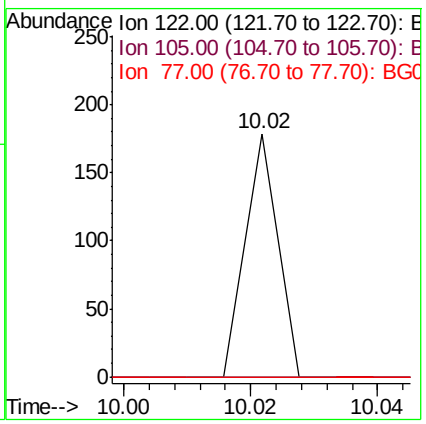


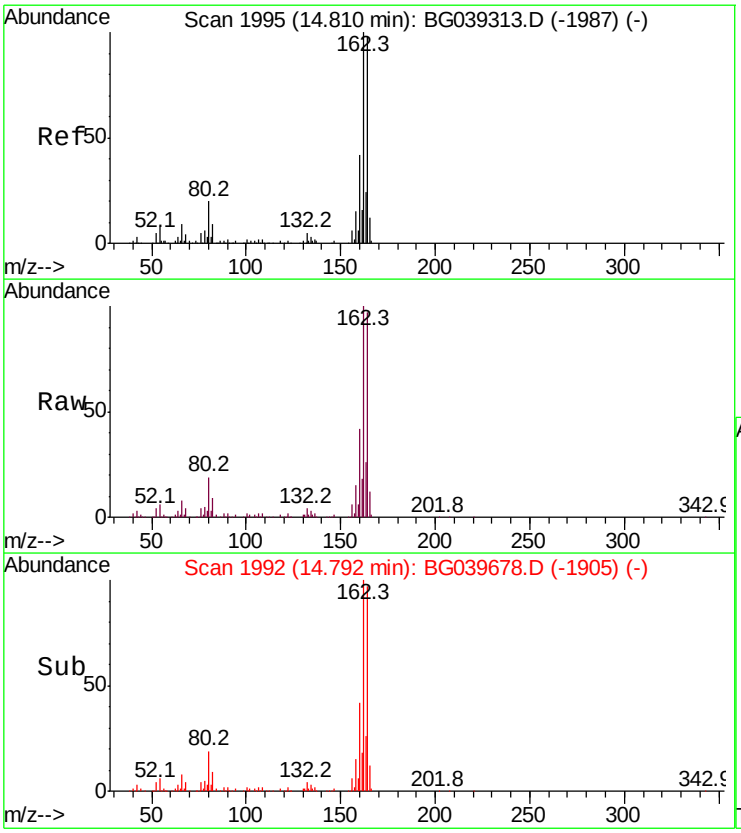
#32
Benzoic acid
Concen: 9.041 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.24 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 63

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

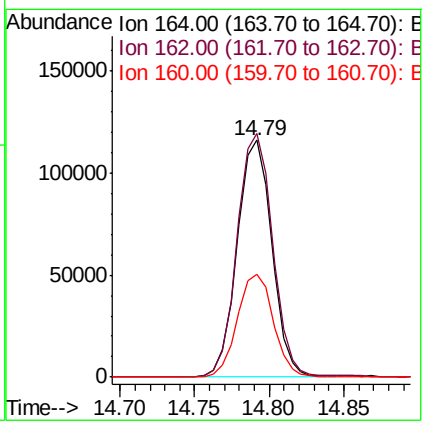


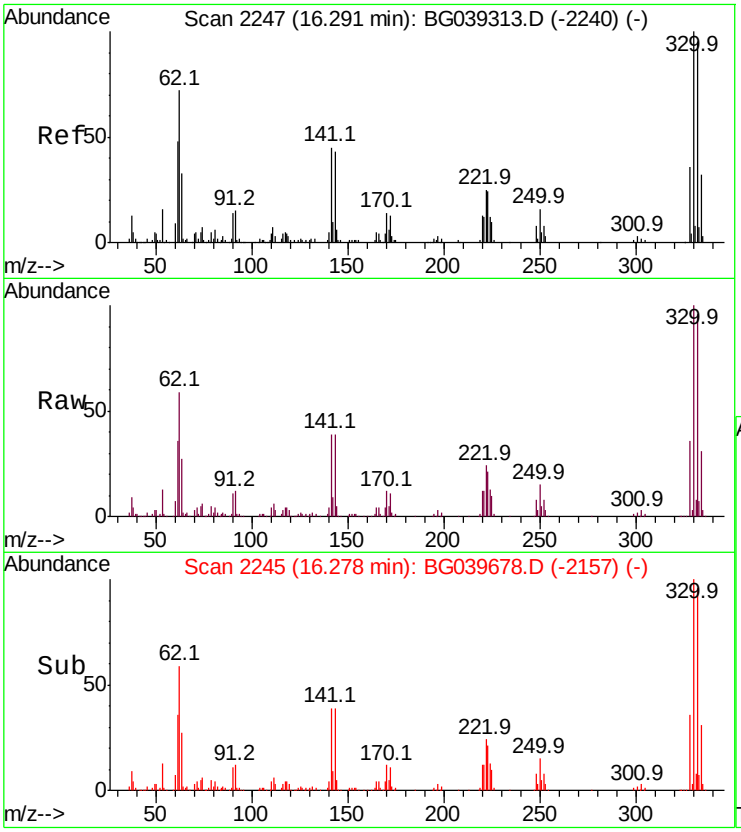


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Tgt Ion:164 Resp: 187427

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.6	122.4
160	43.5	34.2	51.2



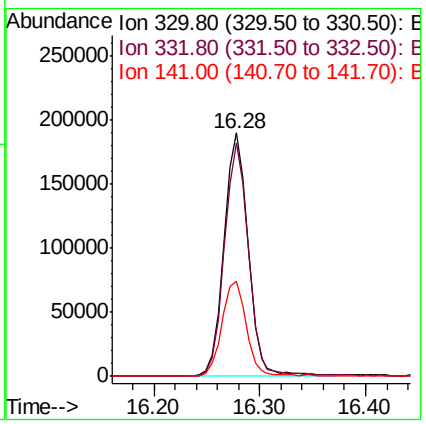


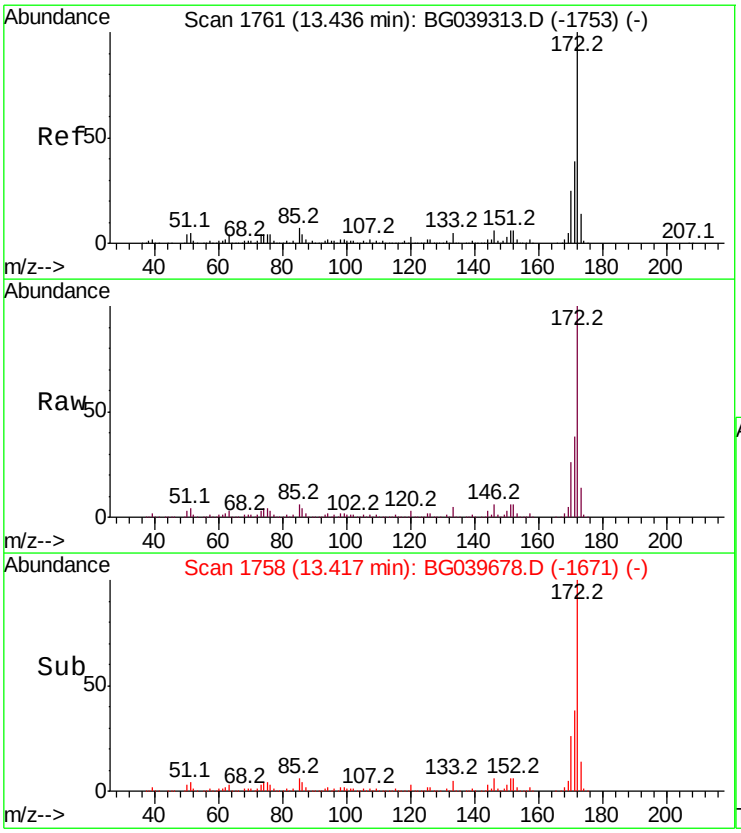
#42
2,4,6-Tribromophenol
Concen: 149.388 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 301505

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.7	113.5
141	40.0	35.6	53.4

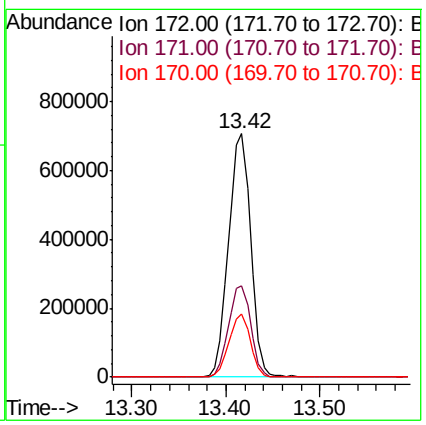


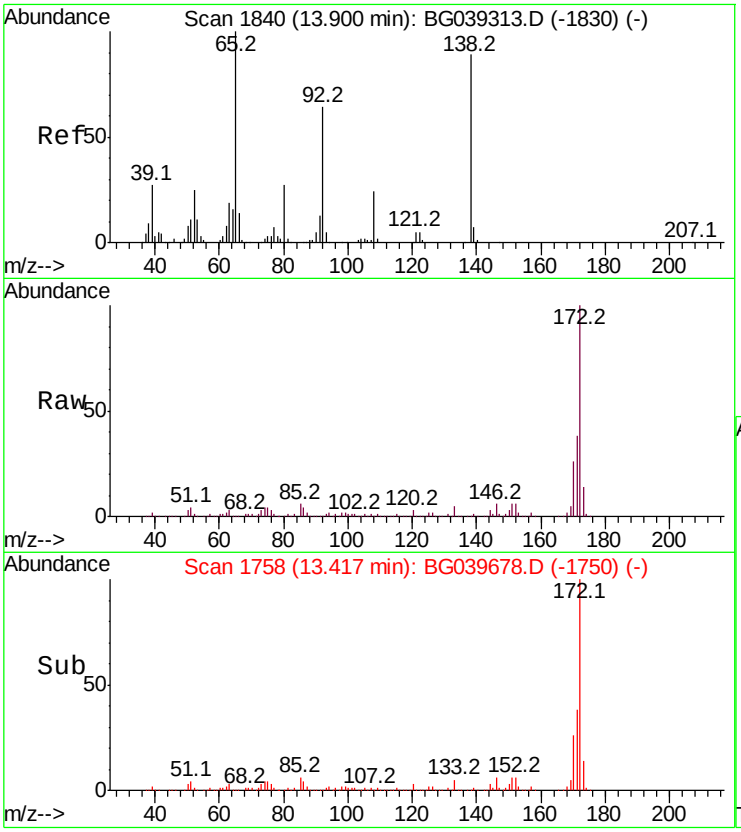


#45
2-Fluorobiphenyl
Concen: 89.022 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Tgt Ion:172 Resp: 1163085

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	25.9	20.2	30.4



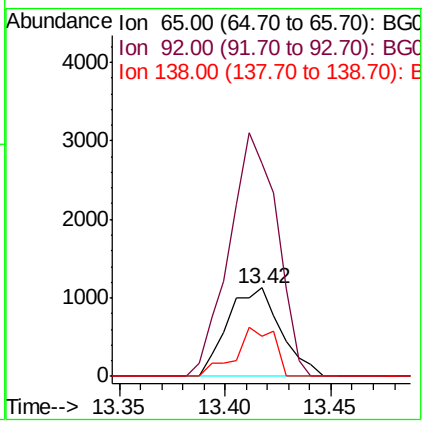


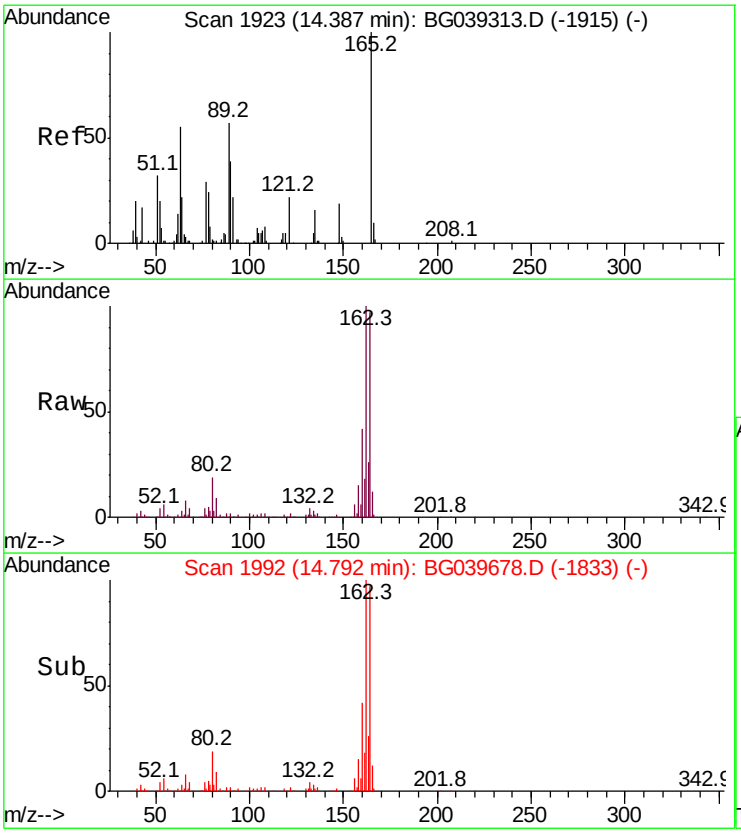
#48
2-Nitroaniline
Concen: 8.779 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.48 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1966

Ion	Ratio	Lower	Upper
65	100		
92	242.0	51.4	77.2#
138	45.7	71.4	107.2#

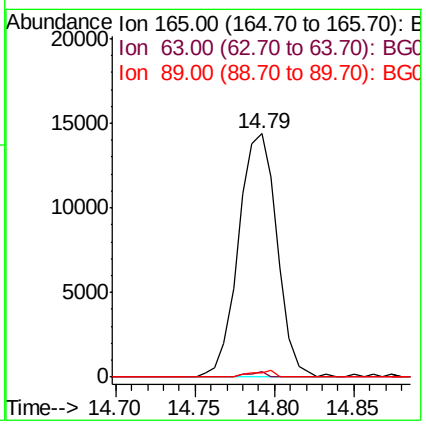


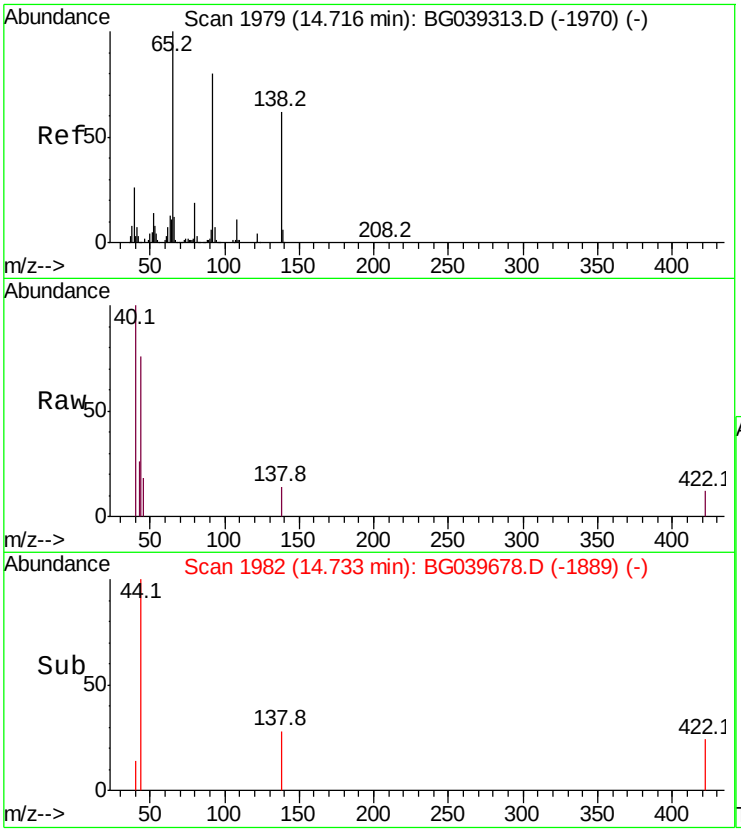


#51
2,6-Dinitrotoluene
Concen: 13.957 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.40 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Tgt Ion:165 Resp: 24241

Ion	Ratio	Lower	Upper
165	100		
63	2.4	47.0	70.6#
89	2.0	45.8	68.8#



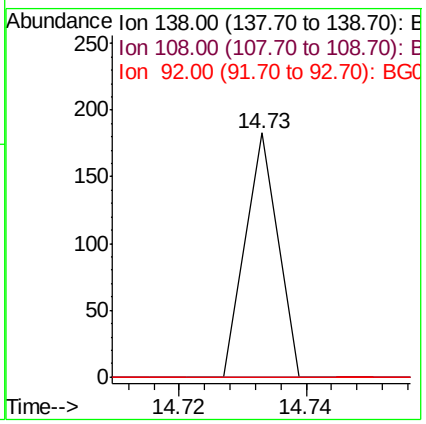


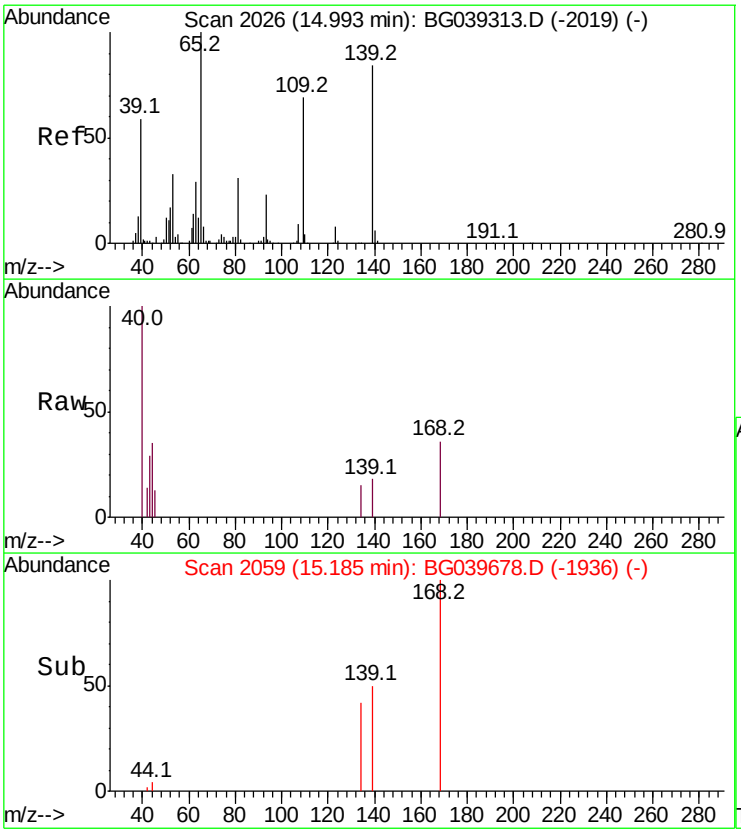
#53
3-Nitroaniline
Concen: 5.811 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.02 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 64

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

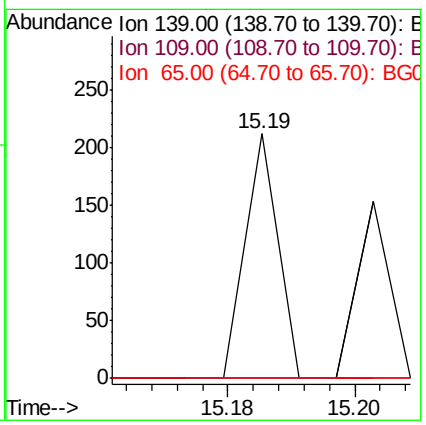


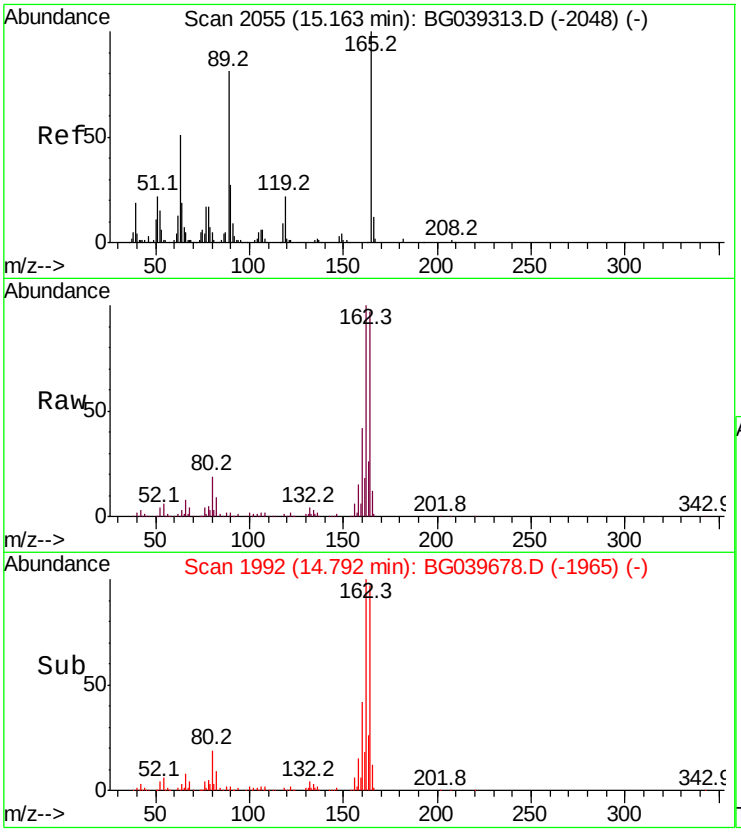


#56
4-Nitrophenol
Concen: 5.819 ng
RT: 15.19 min Scan# 2059
Delta R.T. 0.19 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Tgt Ion:139 Resp: 75

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



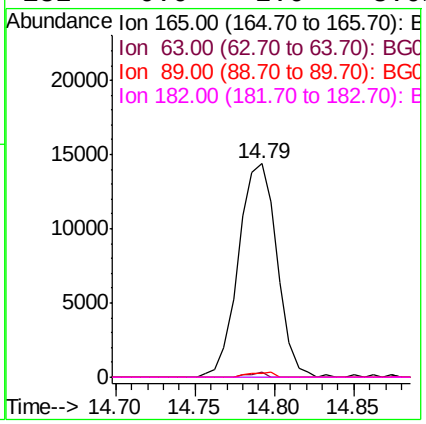


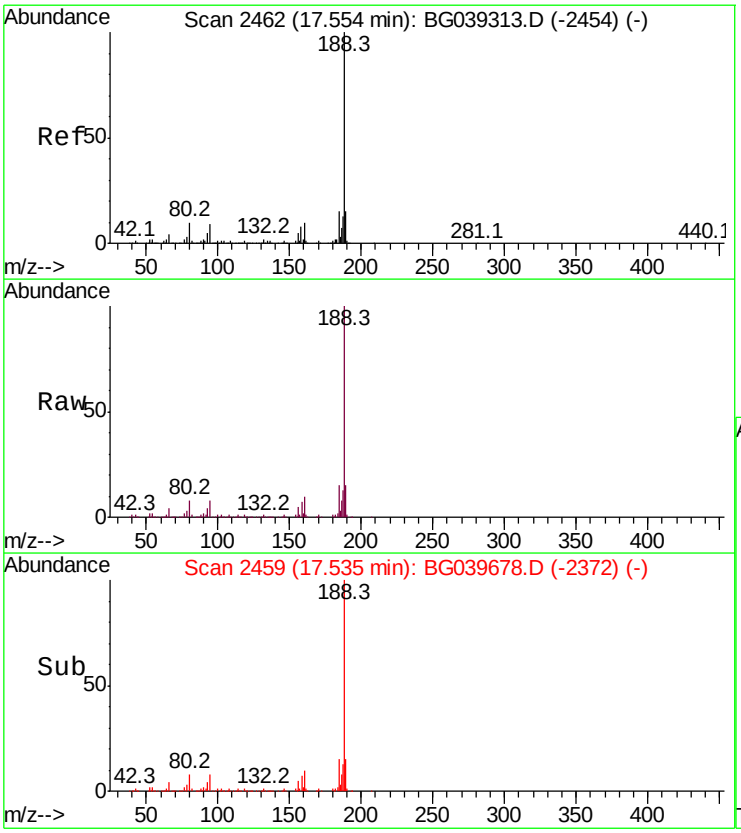
#57
2,4-Dinitrotoluene
Concen: 13.424 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24241

Ion	Ratio	Lower	Upper
165	100		
63	2.4	41.0	61.6#
89	2.0	64.6	96.8#
182	0.0	2.0	3.0#

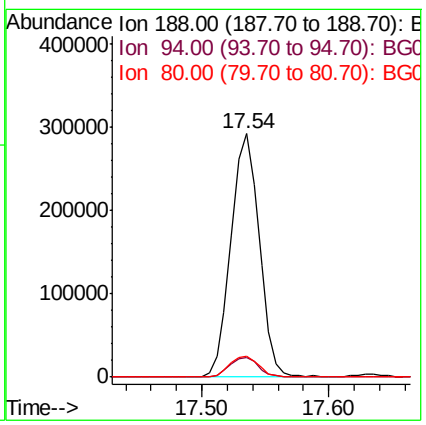


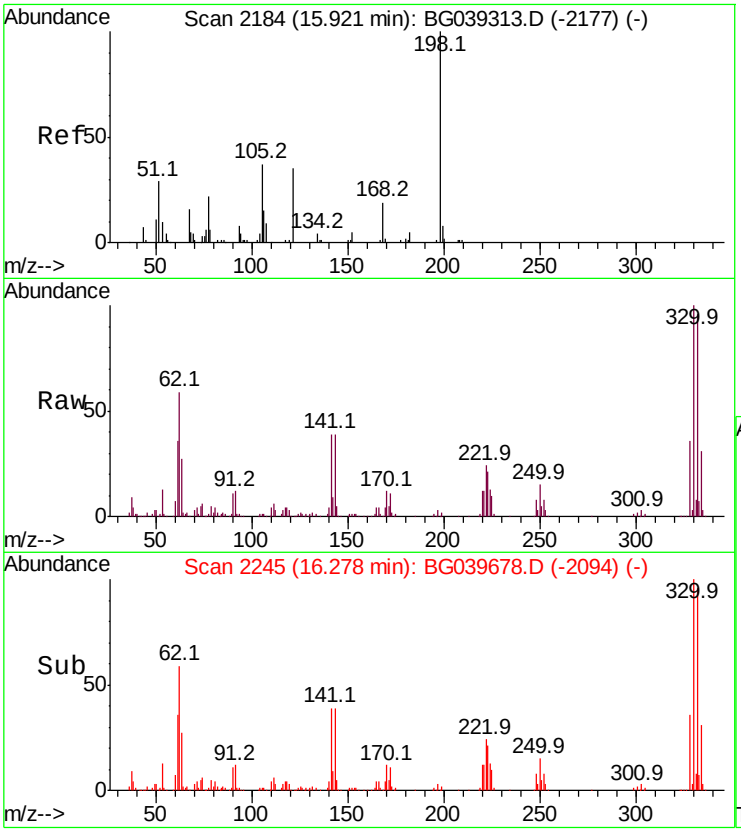


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Tgt Ion:188 Resp: 452131

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	8.4	8.1	12.1



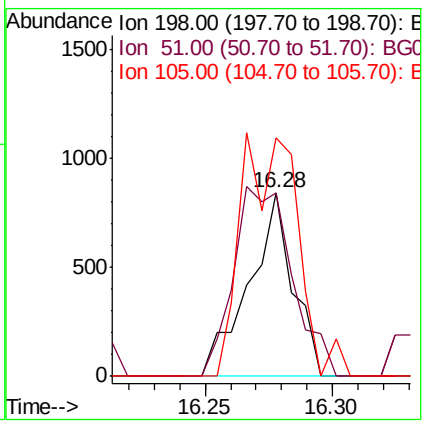


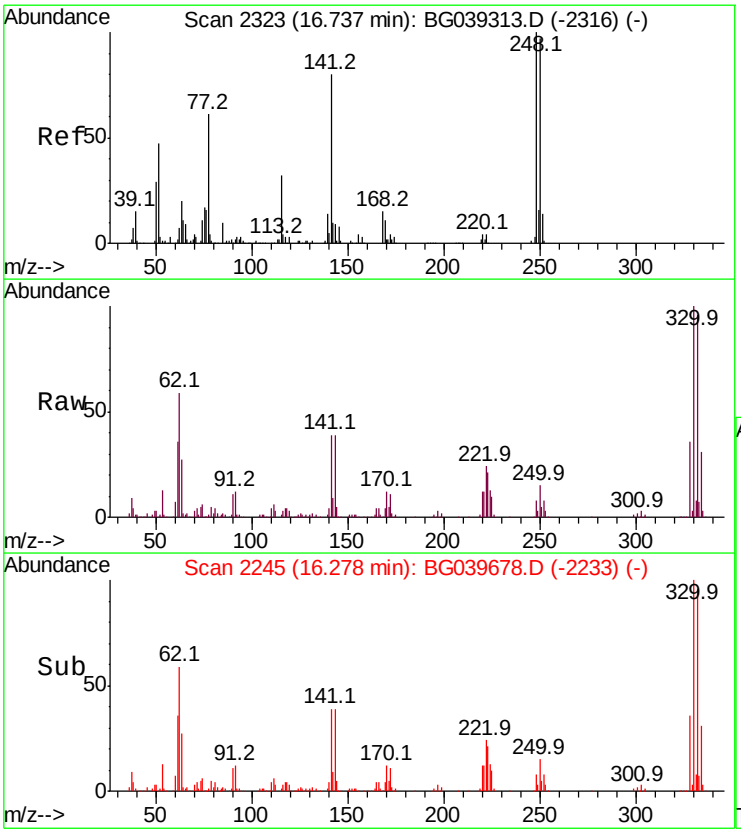
#65
4,6-Dinitro-2-methylphenol
Concen: 4.895 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1016

Ion	Ratio	Lower	Upper
198	100		
51	99.8	27.4	67.4#
105	129.5	19.7	59.7#

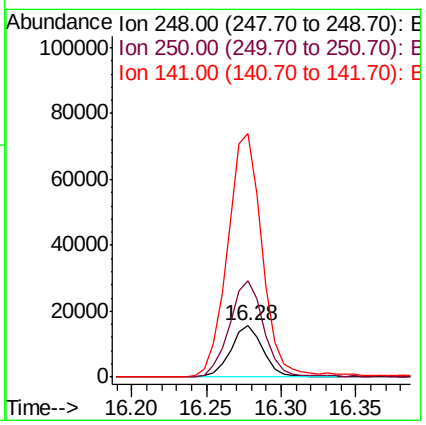


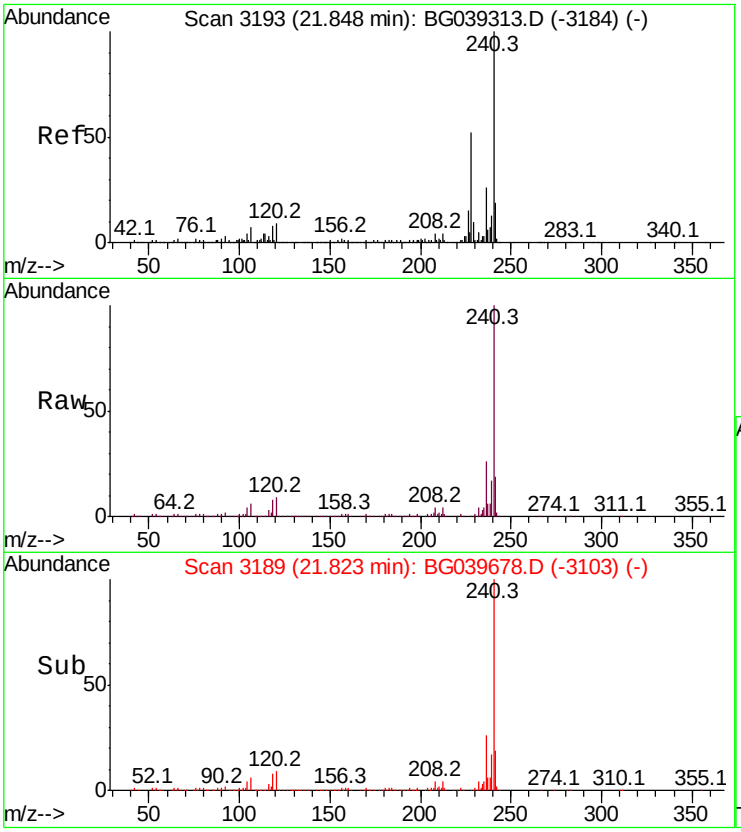


#67
4-Bromophenyl-phenylether
Concen: 4.721 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Tgt Ion:248 Resp: 23682

Ion	Ratio	Lower	Upper
248	100		
250	188.5	77.6	116.4#
141	475.9	63.9	95.9#



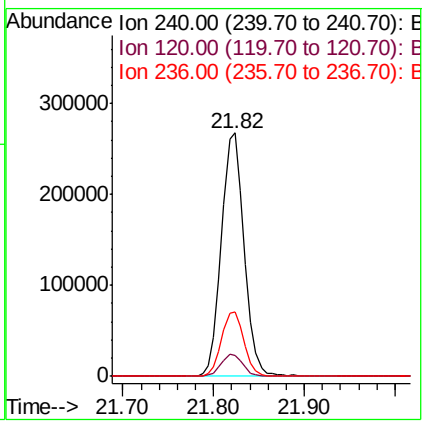


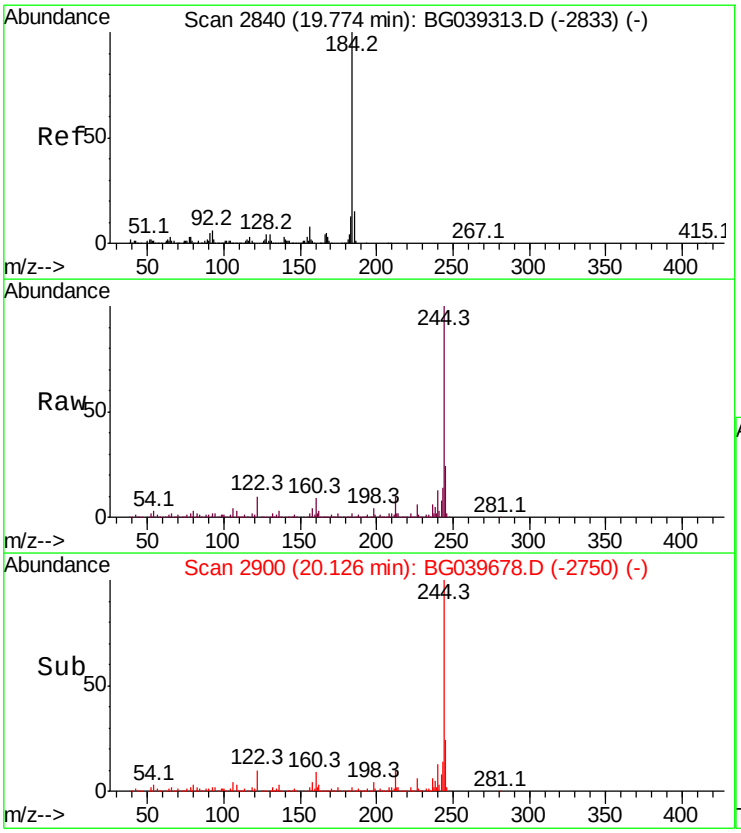
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.02 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 465026

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	26.2	21.0	31.4

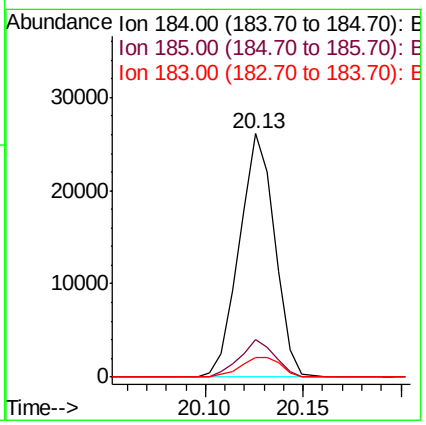


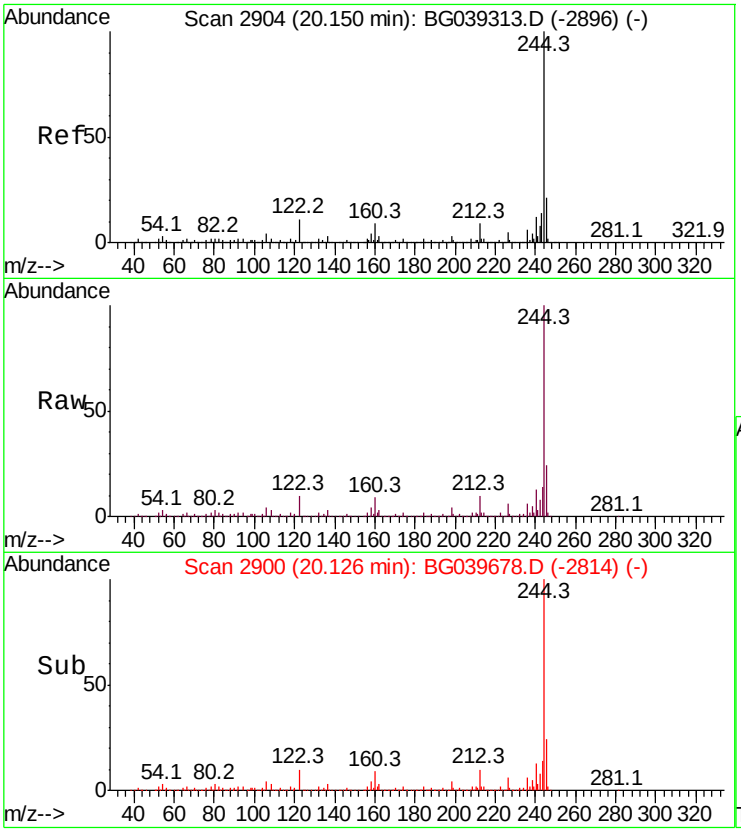


#77
Benzidine
Concen: 2.152 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.35 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Tgt Ion:184 Resp: 32809

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.2
183	8.2	10.6	15.8#



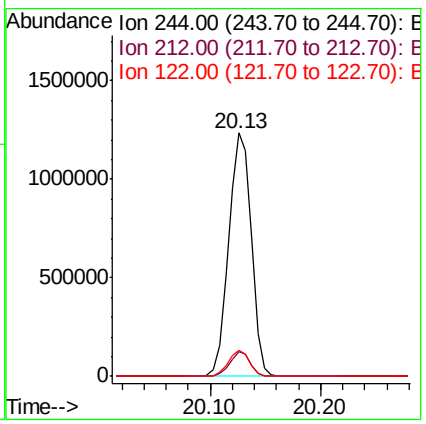


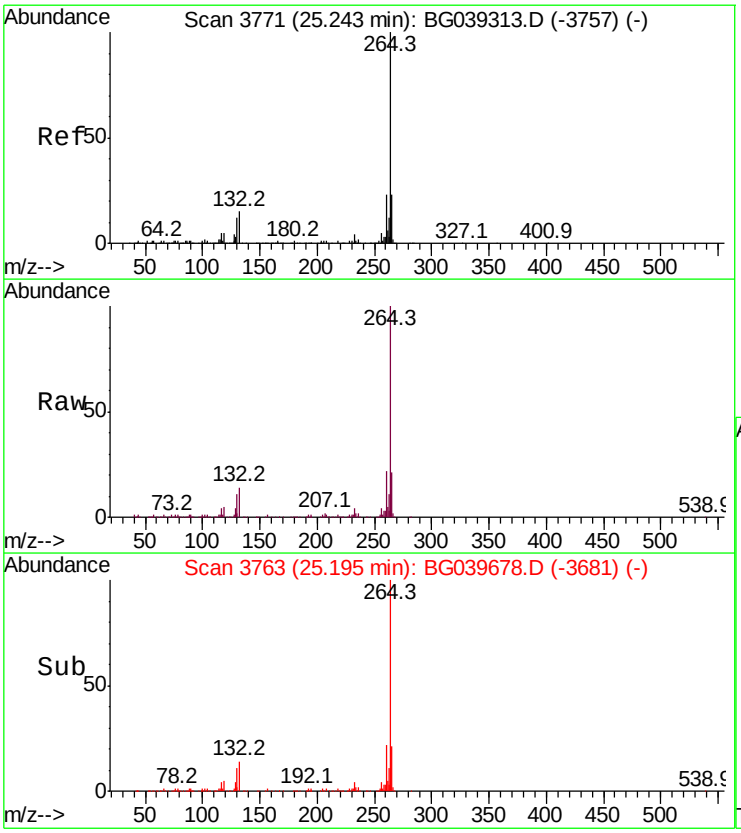
#79
Terphenyl-d14
Concen: 80.827 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.02 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1775726

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.3	10.9
122	10.5	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3763
Delta R.T. -0.05 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Tgt Ion:264 Resp: 456636

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	20.7	18.5	27.7