Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
Data File : BG039573.D
Acq On : 21 Feb 2019 16:12
Operator : JU/SJ
Sample : K1349-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 21 16:54:38 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	49785	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	218828	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	151075	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	383614	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	381809	20.00	ng	-0.02
87) Perylene-d12	25.20	264	324537	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	406516	139.75	ng	0.00
7) Phenol-d6	7.32	99	535240	125.01	ng	0.00
23) Nitrobenzene-d5	9.34	82	388346	110.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	221726	136.29	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	935092	88.79	ng	-0.02
79) Terphenyl-d14	20.13	244	1512450	83.85	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.32	77	1014	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	50393	16.582	ng	# 67
32) Benzoic acid	10.21	122	55	9.043	ng	# 1
48) 2-Nitroaniline	13.42	65	1681	8.808	ng	# 1
51) 2,6-Dinitrotoluene	14.79	165	19247	13.846	ng	# 22
53) 3-Nitroaniline	14.54	138	71	5.818	ng	# 1
56) 4-Nitrophenol	15.19	139	512	6.009	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	19247	13.340	ng	# 17
62) 4-Nitroaniline	15.77	138	63	4.225	ng	# 10
65) 4,6-Dinitro-2-methylphenol	16.28	198	719	4.776	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	17439	4.098	ng	# 1

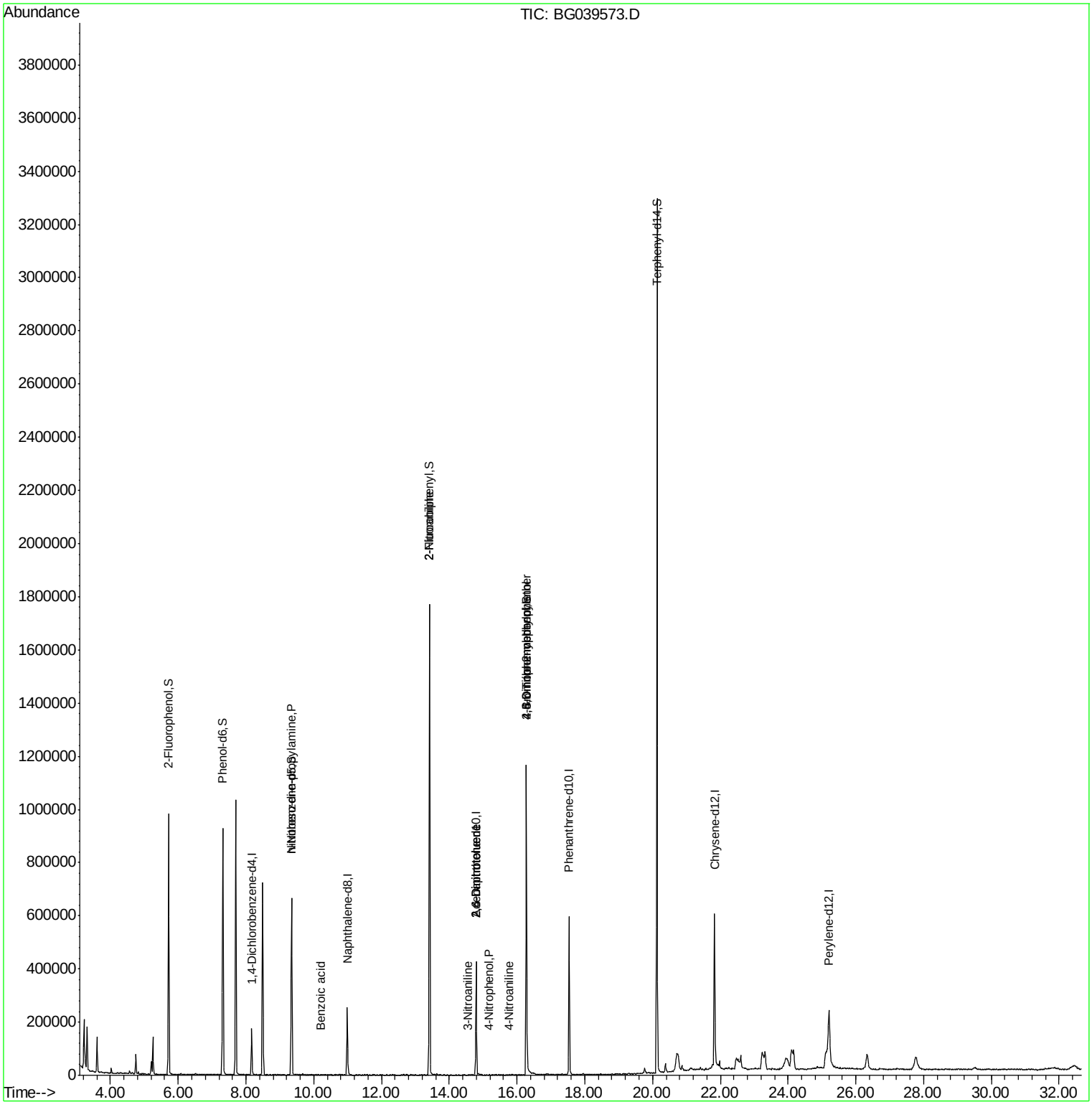
(#) = qualifier out of range (m) = manual integration (+) = signals summed

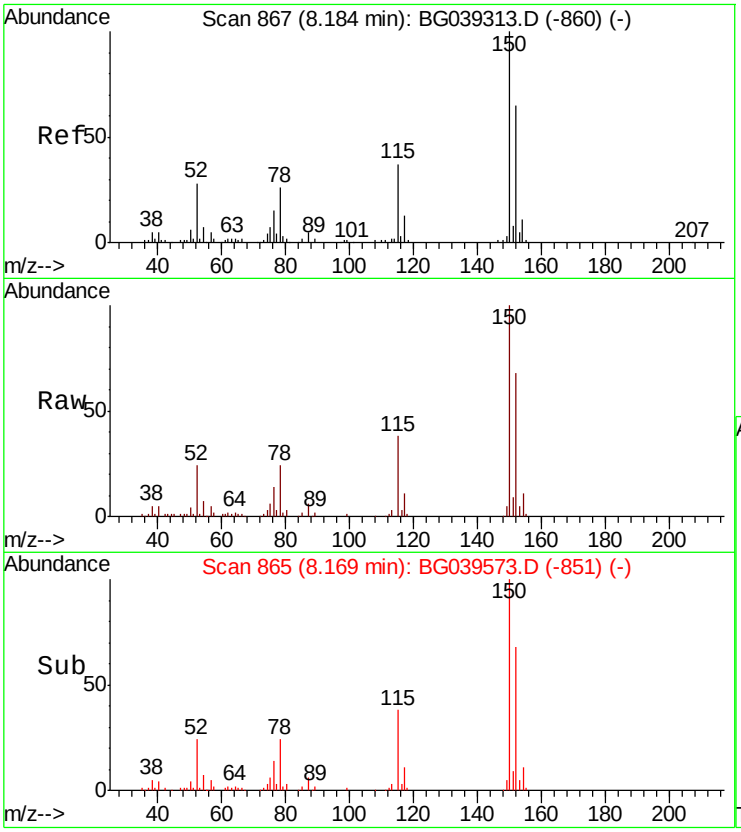
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
Data File : BG039573.D
Acq On : 21 Feb 2019 16:12
Operator : JU/SJ
Sample : K1349-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 21 16:54:38 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



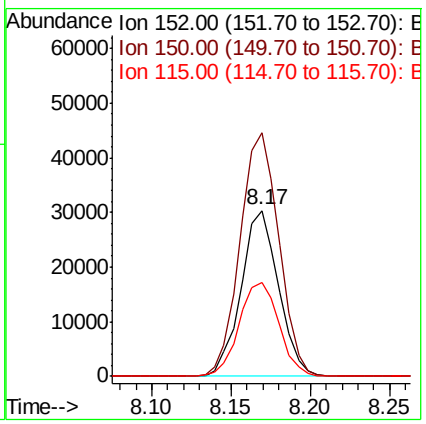


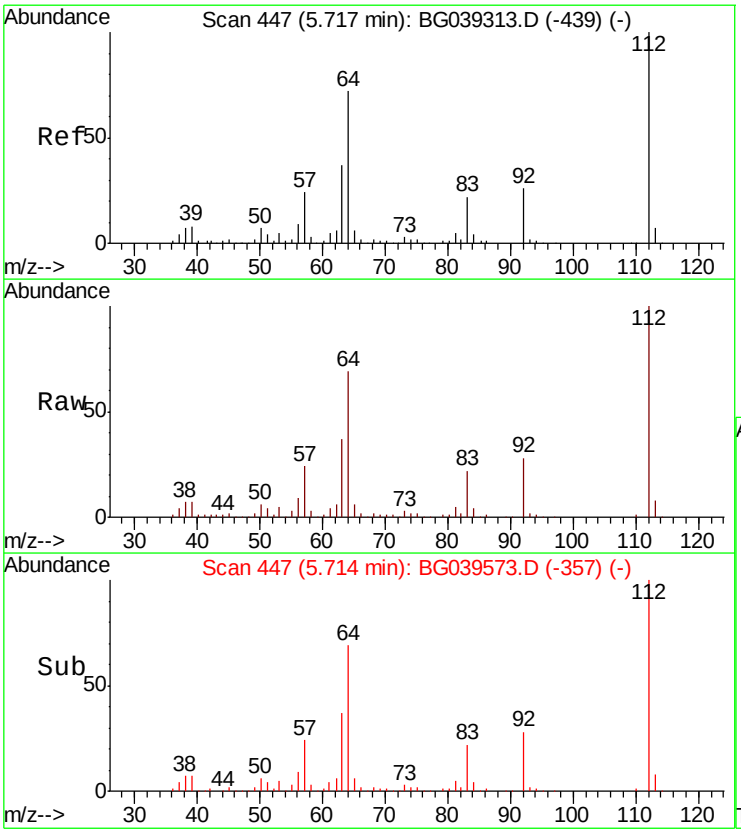
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 49785

Ion	Ratio	Lower	Upper
152	100		
150	146.9	123.7	185.5
115	56.5	45.9	68.9

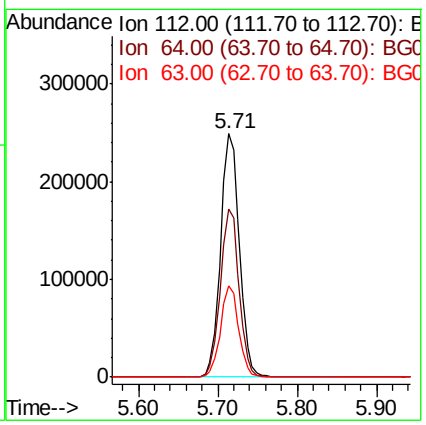


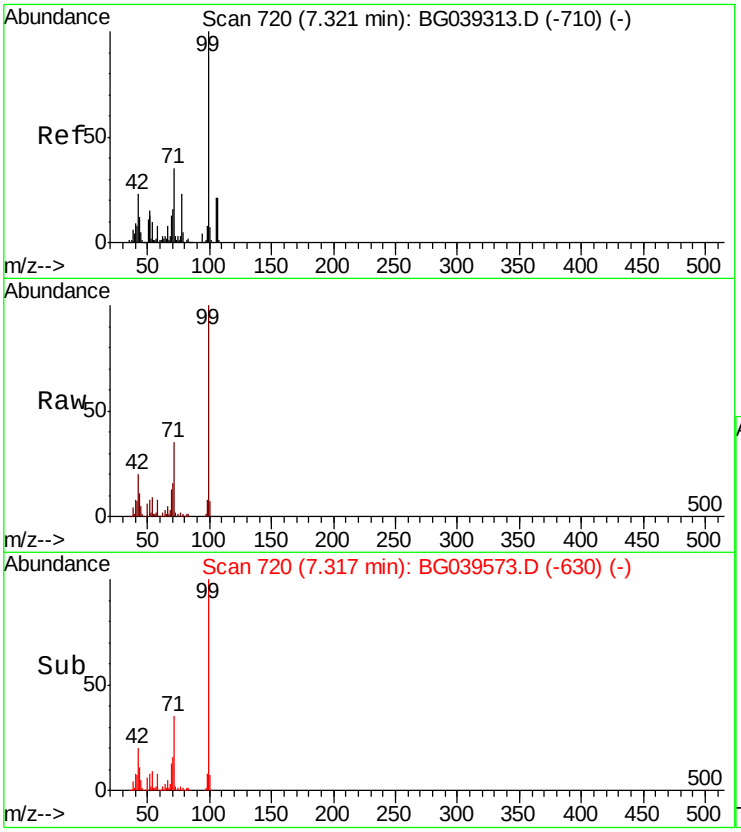


#5
2-Fluorophenol
Concen: 139.752 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Tgt Ion:112 Resp: 406516

Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.8	86.8
63	37.5	29.8	44.6



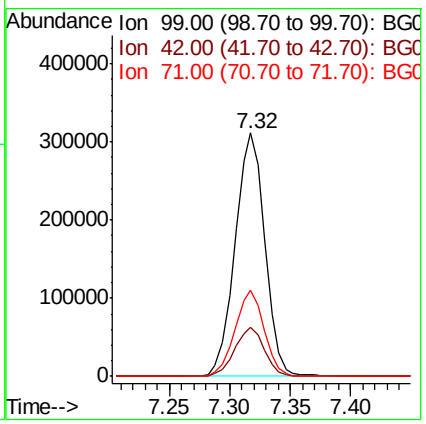


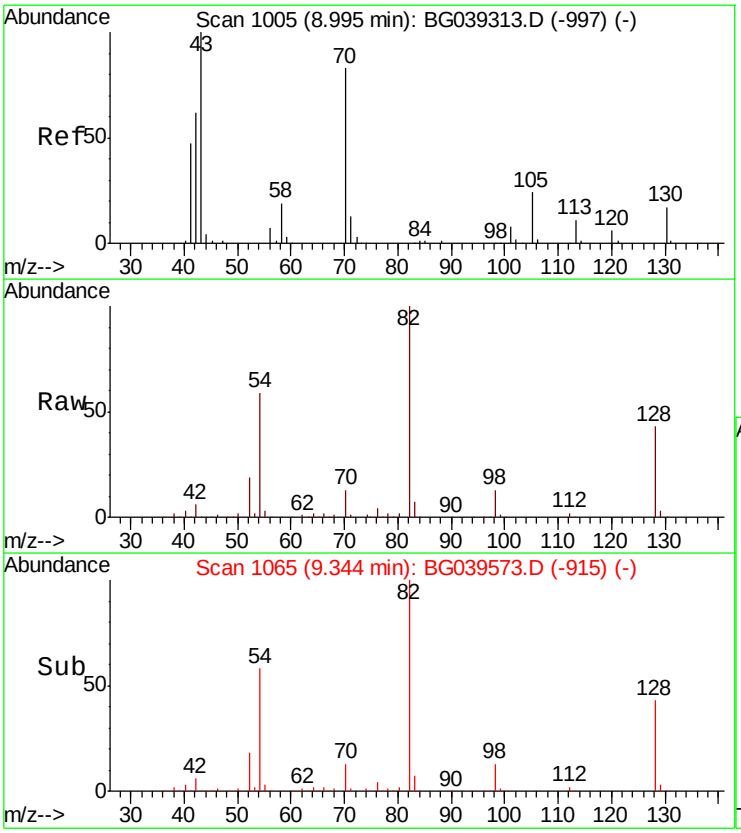
#7
Phenol-d6
Concen: 125.006 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 535240

Ion	Ratio	Lower	Upper
99	100		
42	20.1	18.2	27.2
71	35.5	28.0	42.0

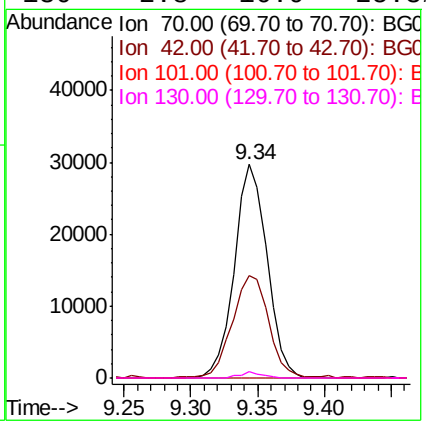


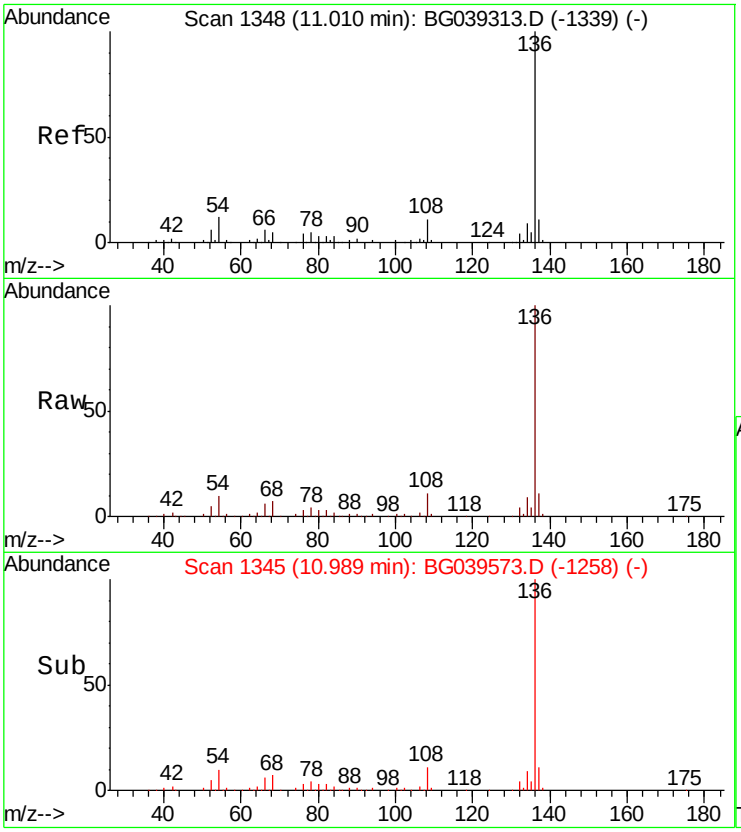


#19
n-Nitroso-di-n-propylamine
Concen: 16.582 ng
RT: 9.34 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Tgt Ion: 70 Resp: 50393

Ion	Ratio	Lower	Upper
70	100		
42	48.1	60.4	90.6#
101	0.0	7.5	11.3#
130	2.8	16.9	25.3#



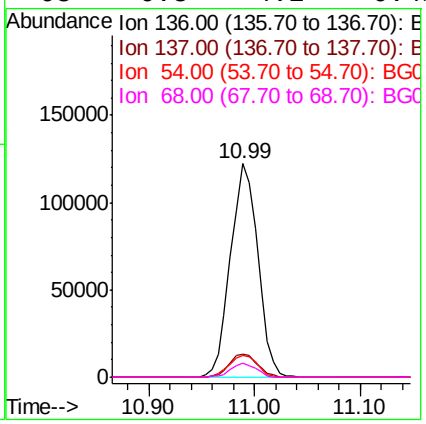


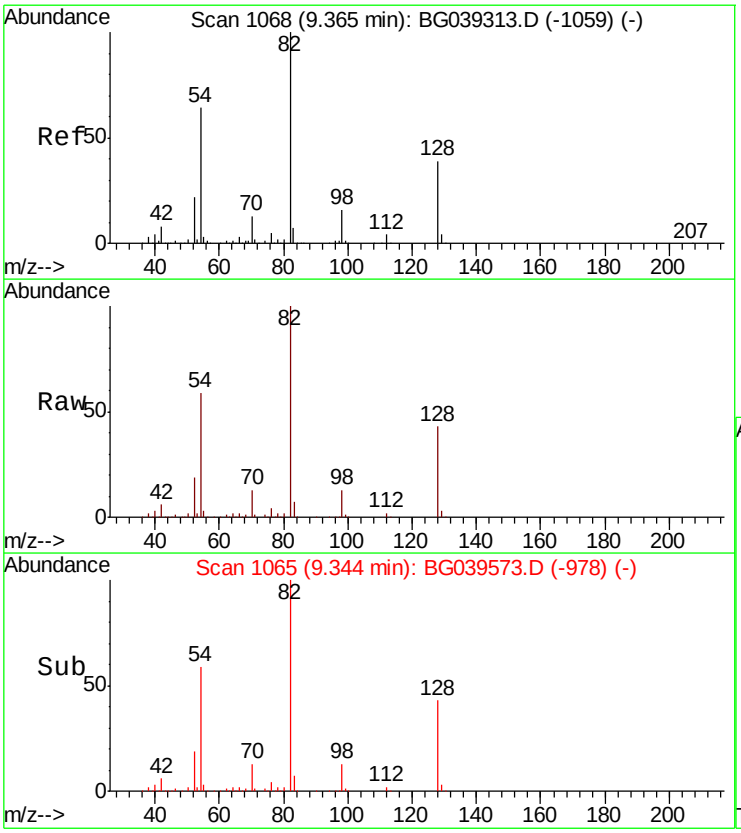
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 218828

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.4	9.4	14.2
68	6.8	4.2	6.4#

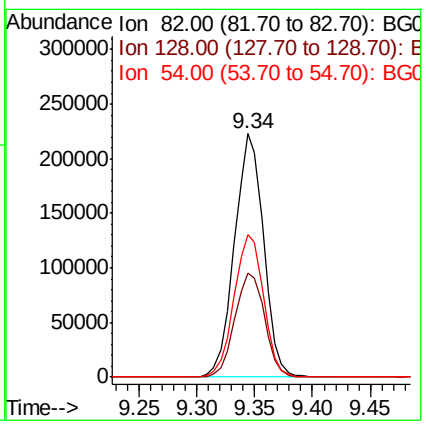


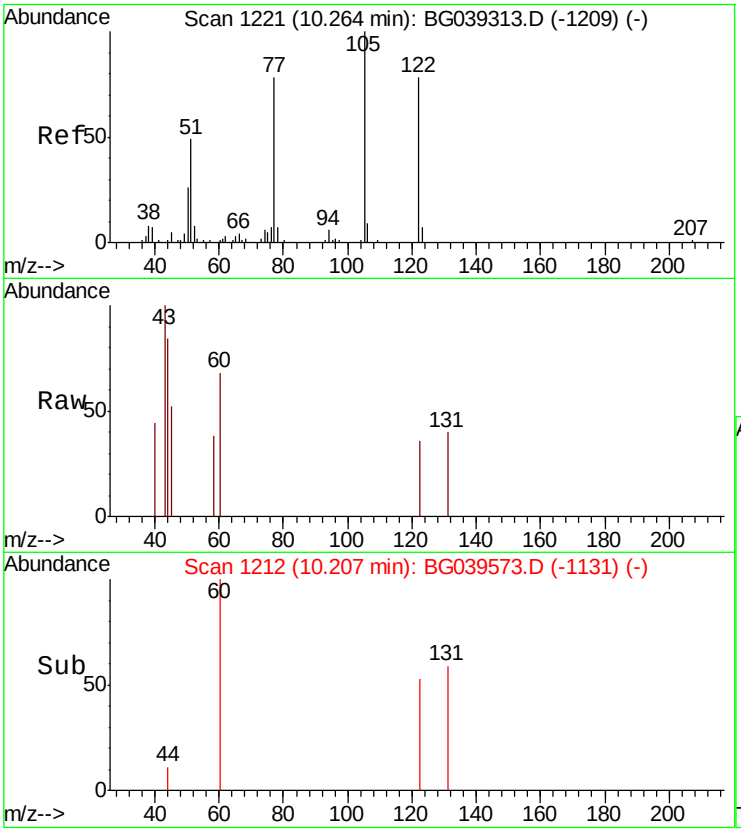


#23
Nitrobenzene-d5
Concen: 110.866 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Tgt Ion: 82 Resp: 388346

Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	58.6	50.9	76.3



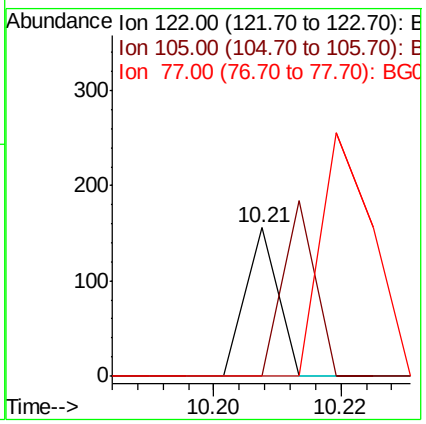


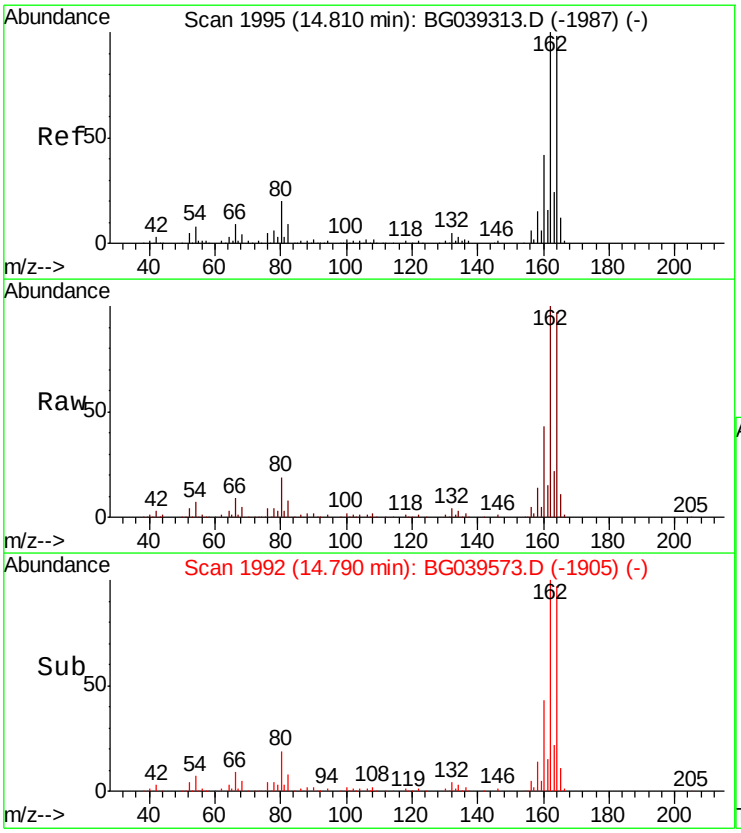
#32
Benzoic acid
Concen: 9.043 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.06 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 55

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

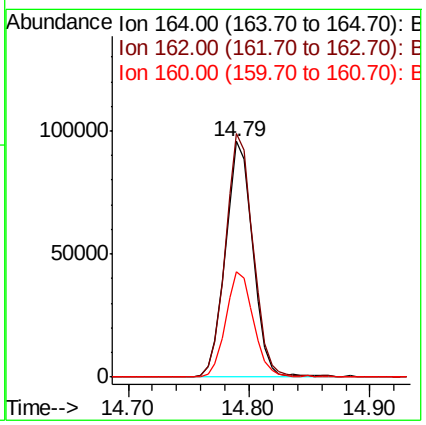


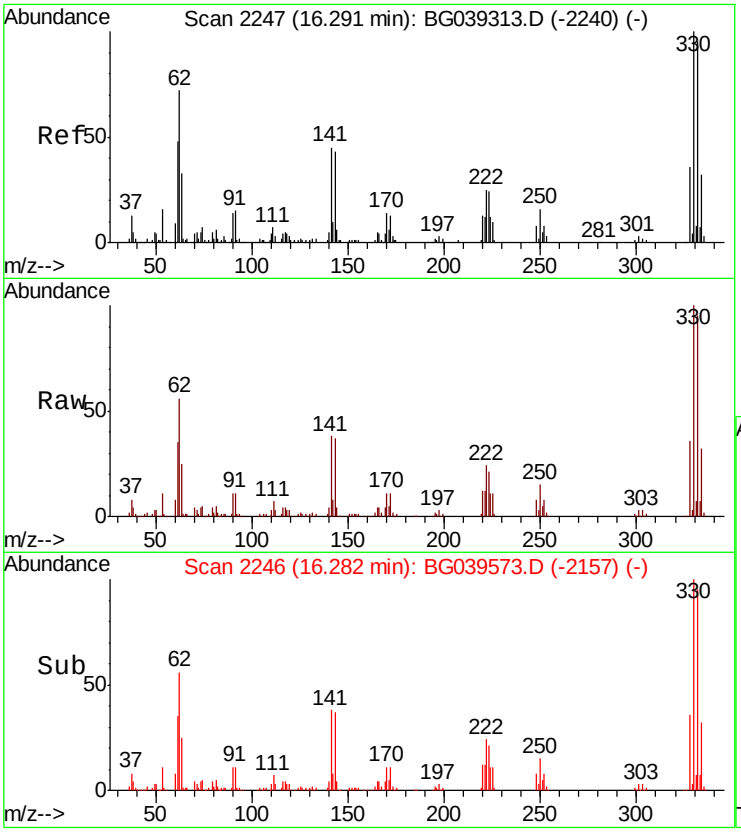


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Tgt Ion:164 Resp: 151075

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.6	122.4
160	44.9	34.2	51.2



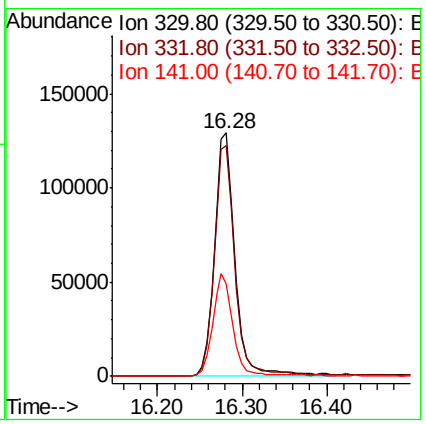


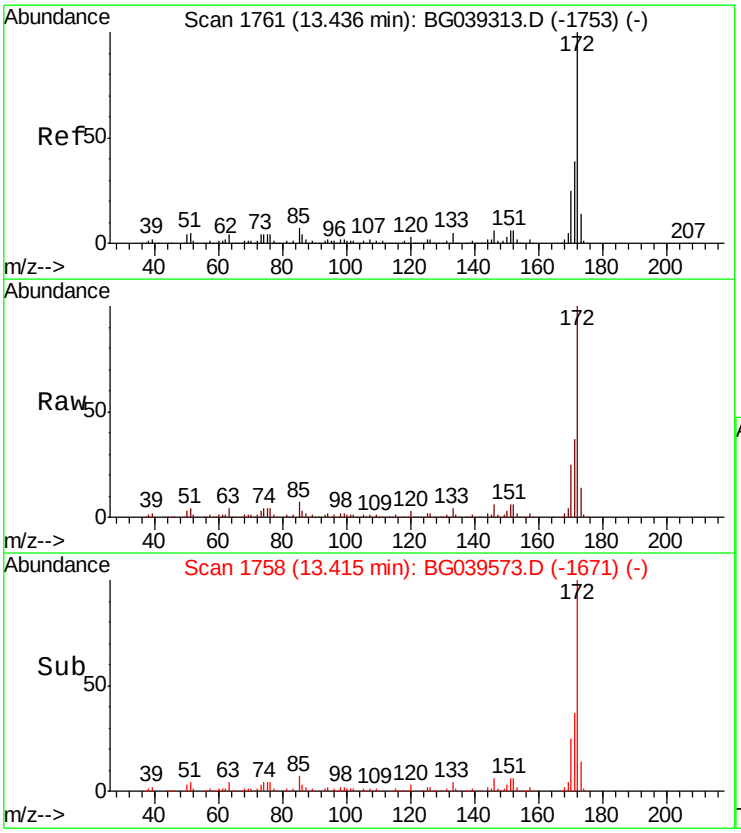
#42
2,4,6-Tribromophenol
Concen: 136.294 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 221726

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	40.7	35.6	53.4

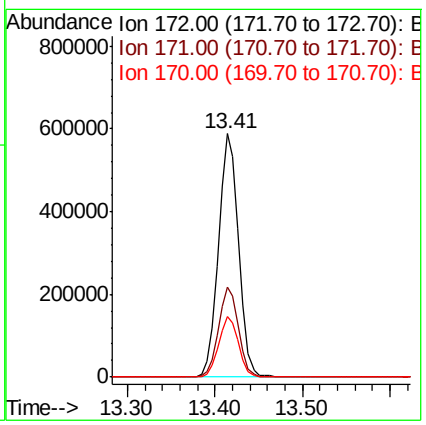


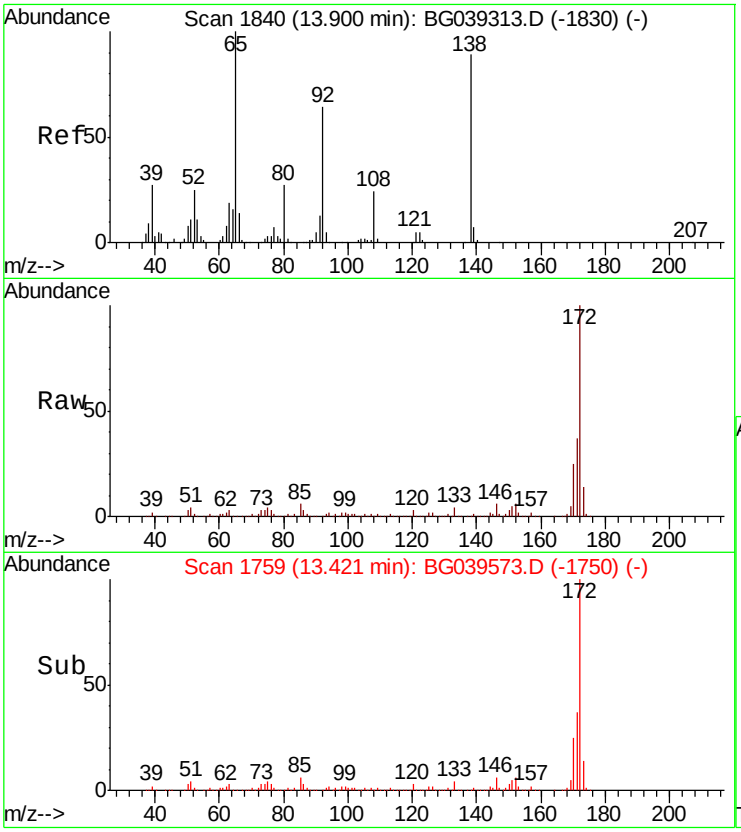


#45
2-Fluorobiphenyl
Concen: 88.793 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Tgt Ion:172 Resp: 935092

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.8	46.2
170	24.8	20.2	30.4



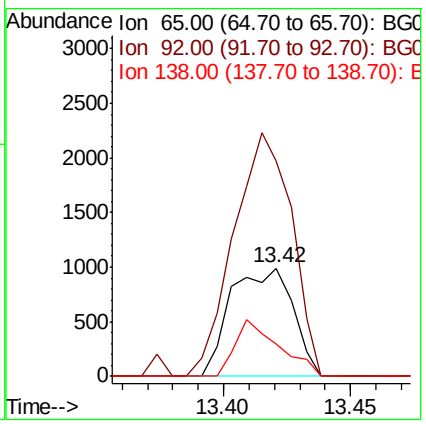


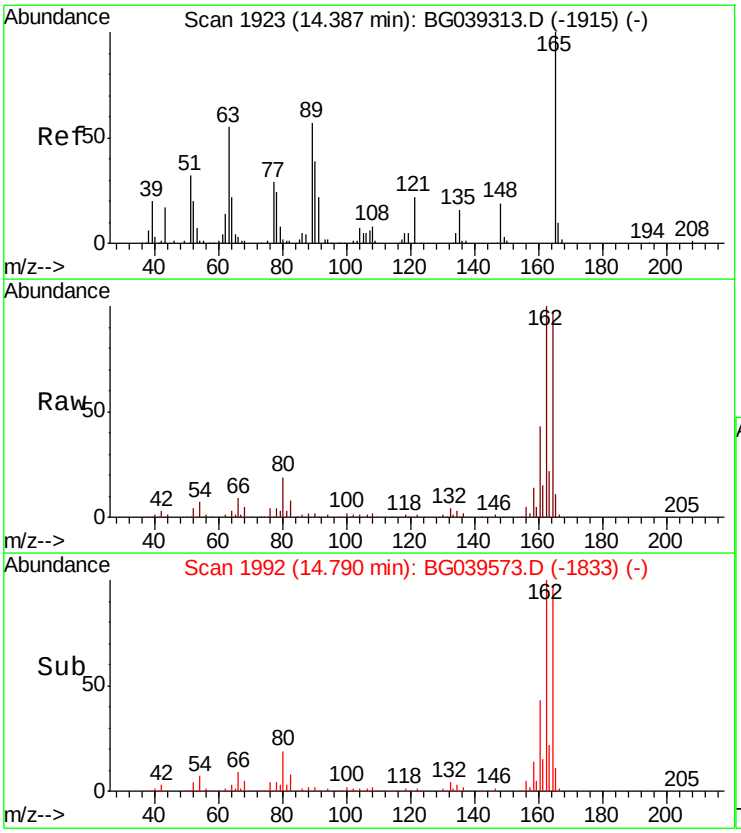
#48
2-Nitroaniline
Concen: 8.808 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.48 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1681

Ion	Ratio	Lower	Upper
65	100		
92	199.9	51.4	77.2#
138	30.2	71.4	107.2#

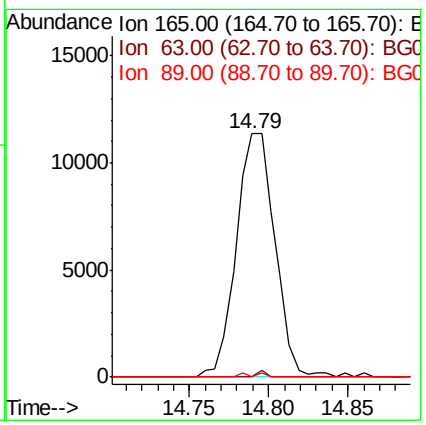


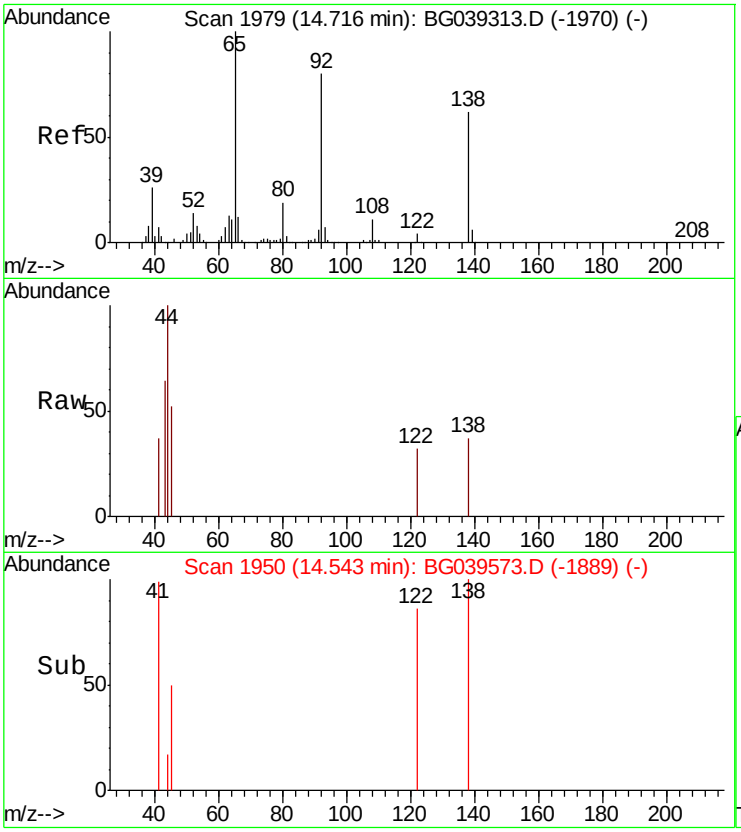


#51
2,6-Dinitrotoluene
Concen: 13.846 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.40 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Tgt Ion:165 Resp: 19247

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



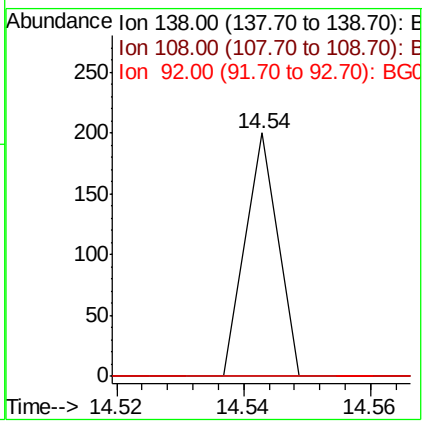


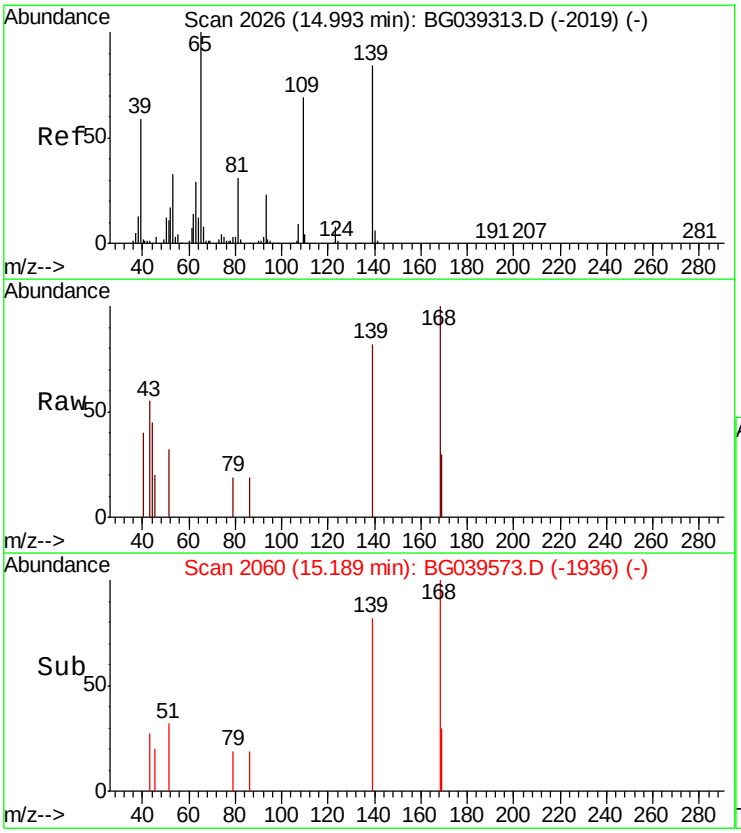
#53
3-Nitroaniline
Concen: 5.818 ng
RT: 14.54 min Scan# 1950
Delta R.T. -0.17 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 71

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

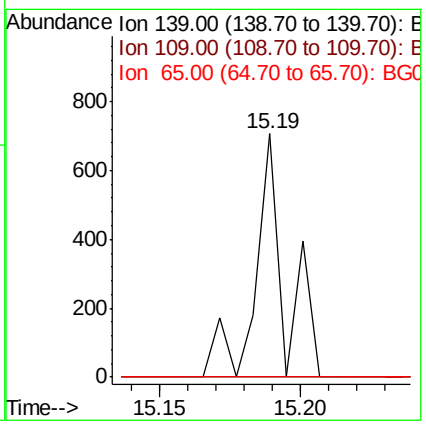


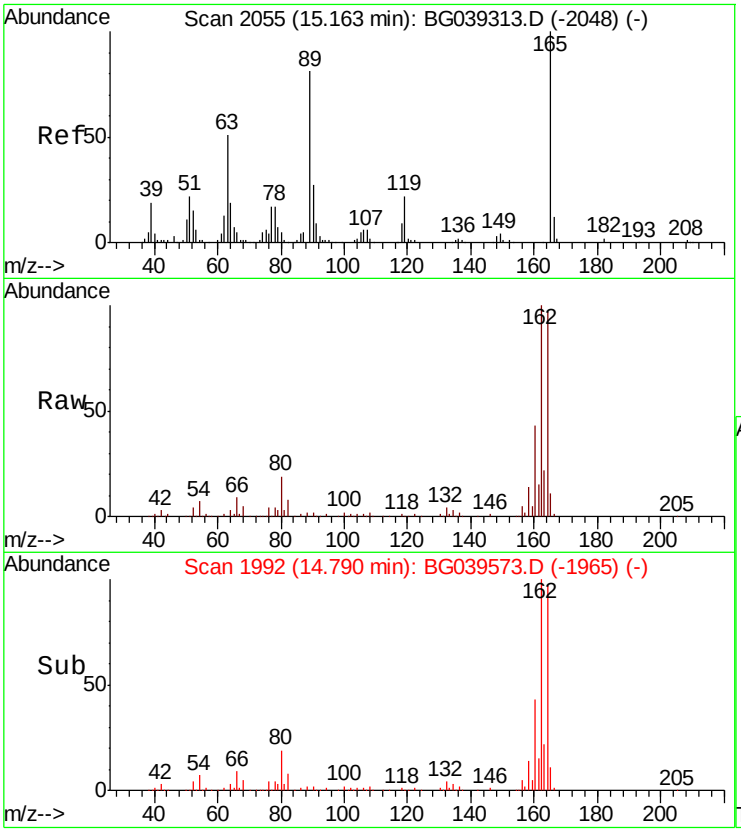


#56
4-Nitrophenol
Concen: 6.009 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.20 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Tgt Ion:139 Resp: 512

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



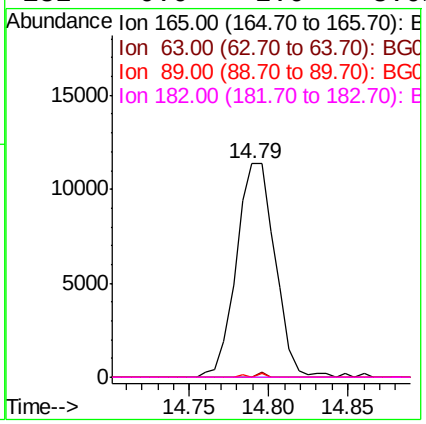


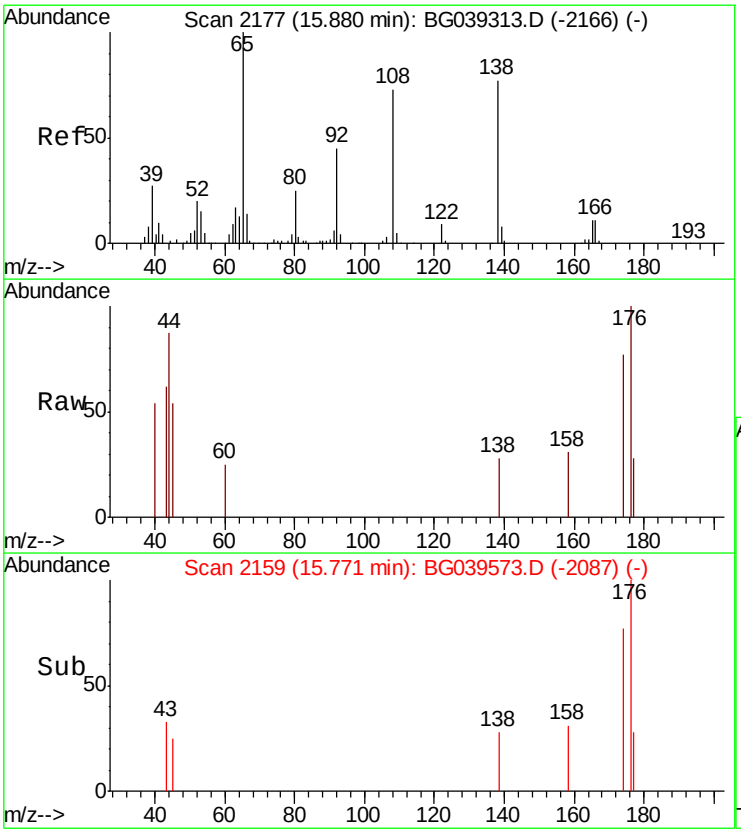
#57
2,4-Dinitrotoluene
Concen: 13.340 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 19247

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

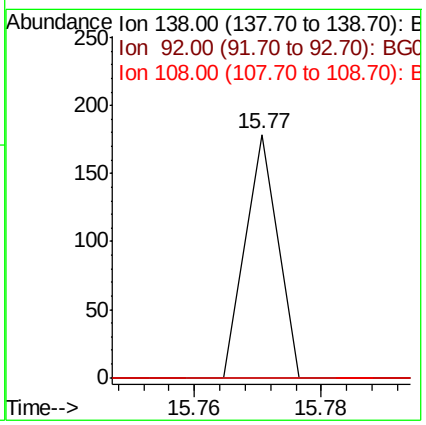


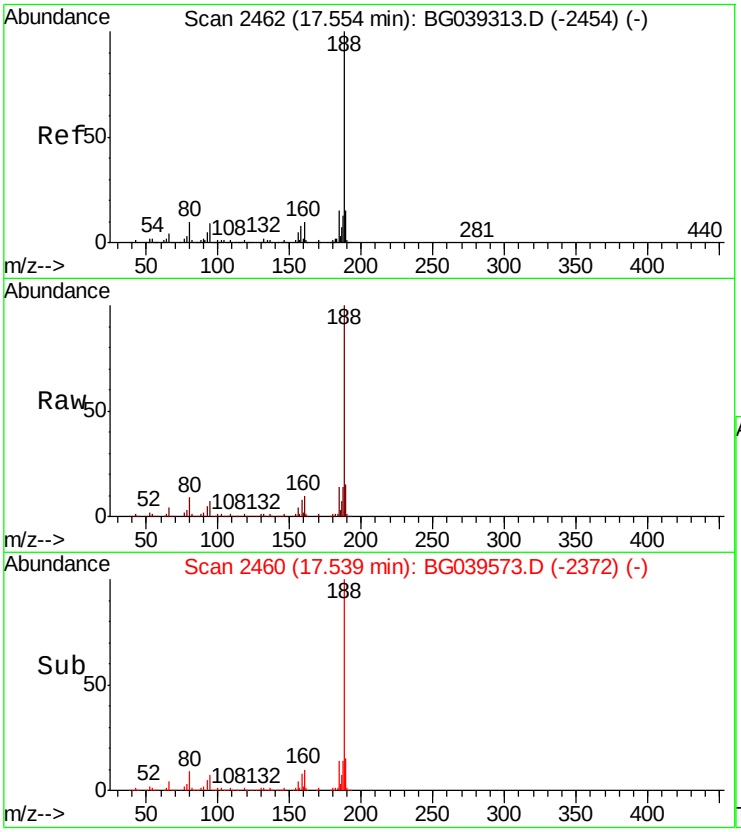


#62
4-Nitroaniline
Concen: 4.225 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.11 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Tgt Ion:138 Resp: 63

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



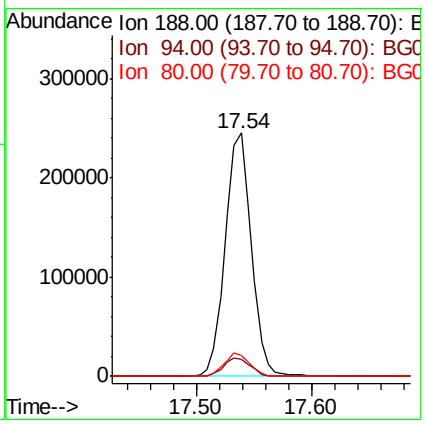


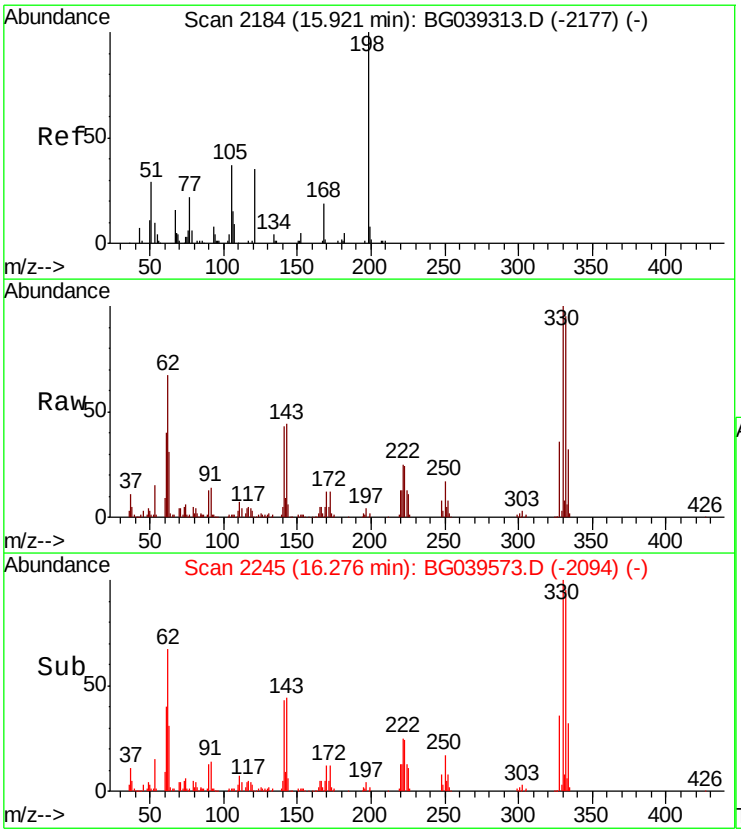
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 383614

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	8.6	8.1	12.1

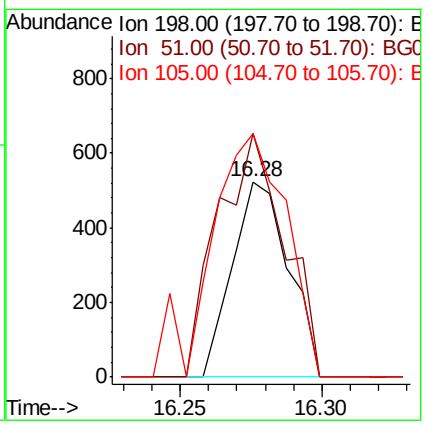


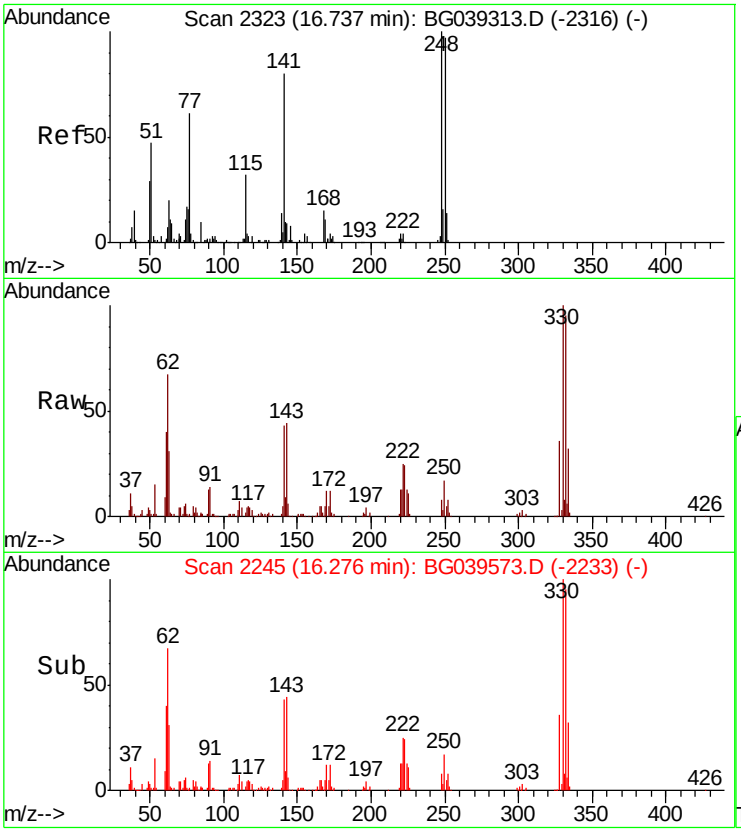


#65
4,6-Dinitro-2-methylphenol
Concen: 4.776 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Tgt Ion:198 Resp: 719

Ion	Ratio	Lower	Upper
198	100		
51	124.7	27.4	67.4#
105	124.9	19.7	59.7#



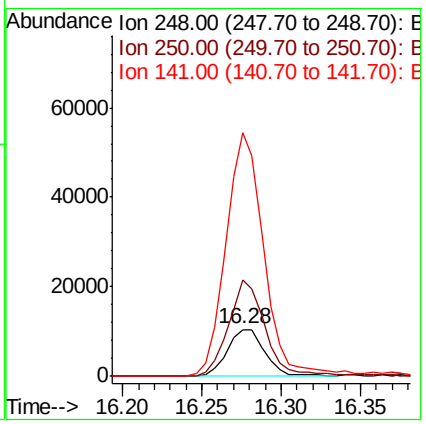


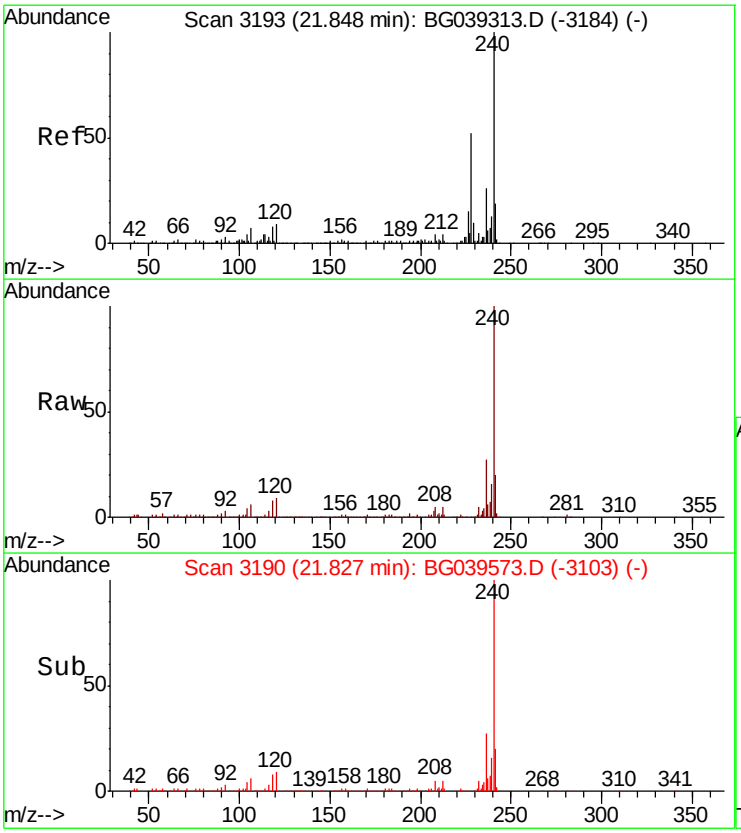
#67
4-Bromophenyl-phenylether
Concen: 4.098 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17439

Ion	Ratio	Lower	Upper
248	100		
250	206.5	77.6	116.4#
141	523.0	63.9	95.9#

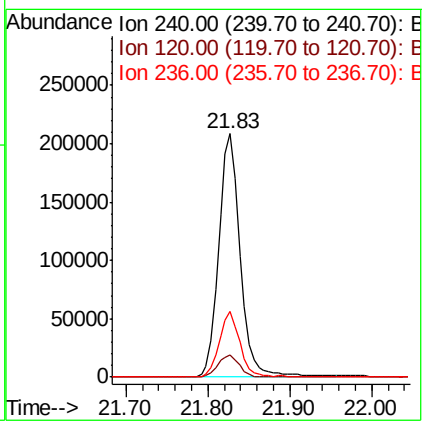


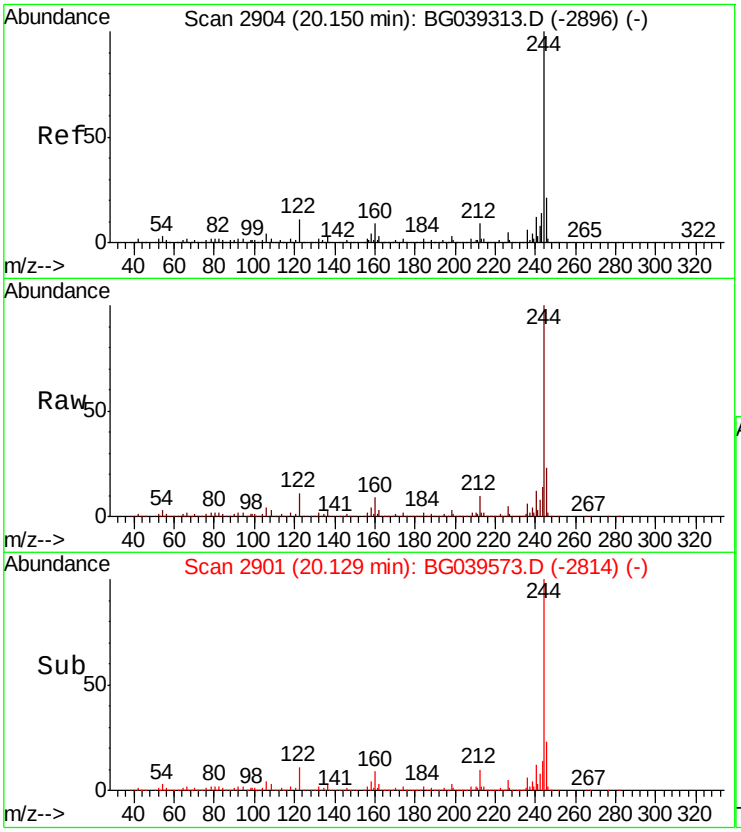


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Tgt Ion:240 Resp: 381809

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.0	10.6
236	26.8	21.0	31.4



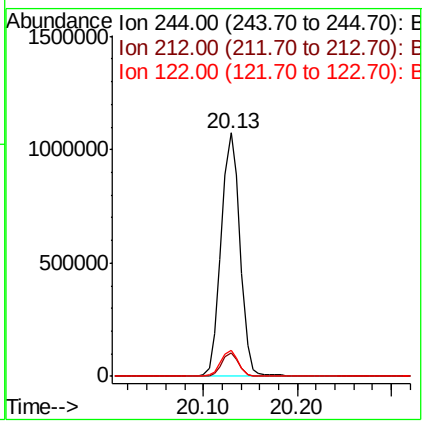


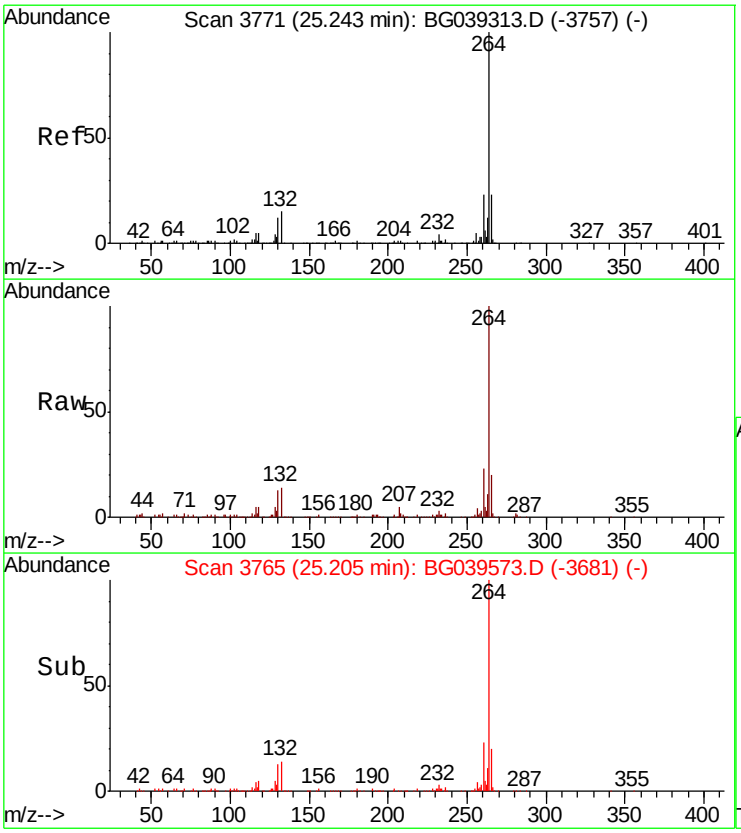
#79
Terphenyl-d14
Concen: 83.848 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1512450

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: 25.20 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039573.D
Acq: 21 Feb 2019 16:12

Tgt Ion:264 Resp: 324537

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	20.0	18.5	27.7