Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039714.D
Acq On : 2 Mar 2019 8:45
Operator : JU/SJ
Sample : K1665-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 03 23:48:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	50941	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	218838	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	149137	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	360227	20.00	ng	0.00
76) Chrysene-d12	21.82	240	359300	20.00	ng	0.00
87) Perylene-d12	25.20	264	344101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	226004	75.93	ng	0.00
7) Phenol-d6	7.31	99	304635	69.53	ng	0.00
23) Nitrobenzene-d5	9.34	82	216234	61.73	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	114997	71.61	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	528313	50.82	ng	0.00
79) Terphenyl-d14	20.12	244	872714	51.41	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.30	77	521	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	27624	8.884	ng	# 72
32) Benzoic acid	10.04	122	73	9.050	ng	# 1
48) 2-Nitroaniline	13.41	65	742	8.525	ng	# 1
51) 2,6-Dinitrotoluene	14.79	165	18674	13.721	ng	# 23
56) 4-Nitrophenol	15.20	139	323	5.931	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	18674	13.246	ng	# 18
65) 4,6-Dinitro-2-methylphenol	16.27	198	411	4.539	ng	# 11
67) 4-Bromophenyl-phenylether	16.28	248	8870	2.220	ng	# 1

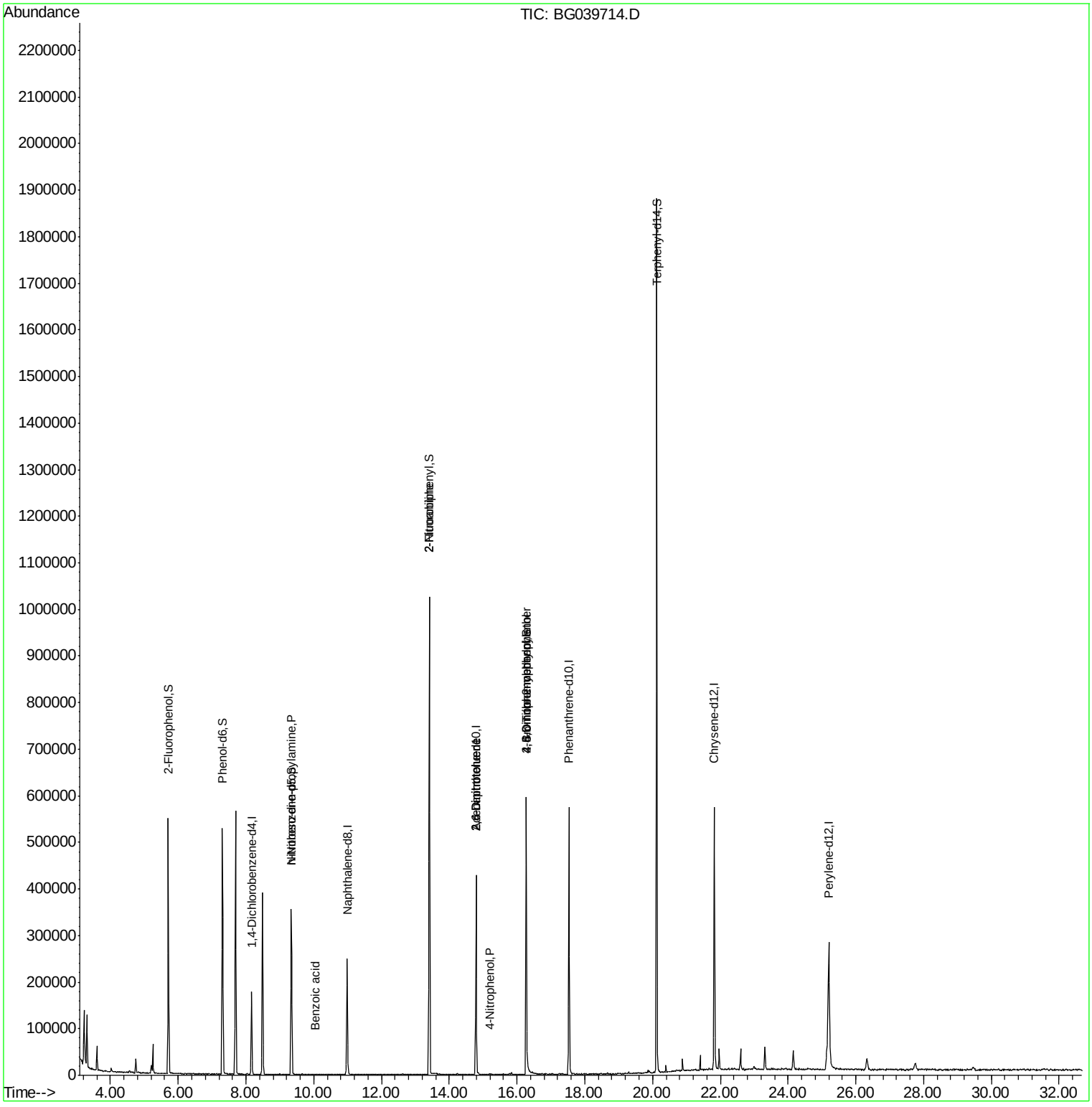
(#) = qualifier out of range (m) = manual integration (+) = signals summed

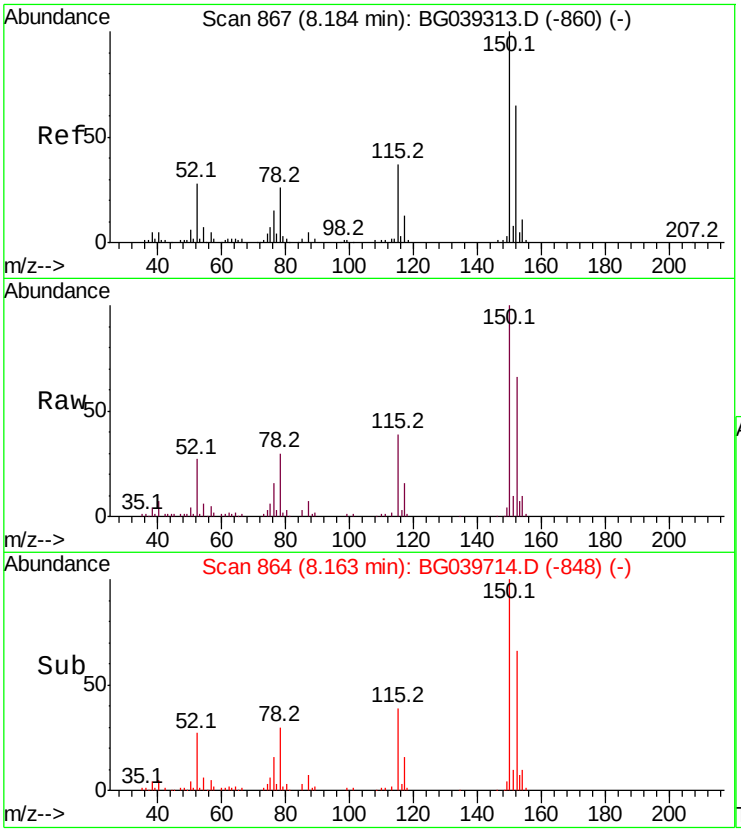
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039714.D
Acq On : 2 Mar 2019 8:45
Operator : JU/SJ
Sample : K1665-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 03 23:48:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

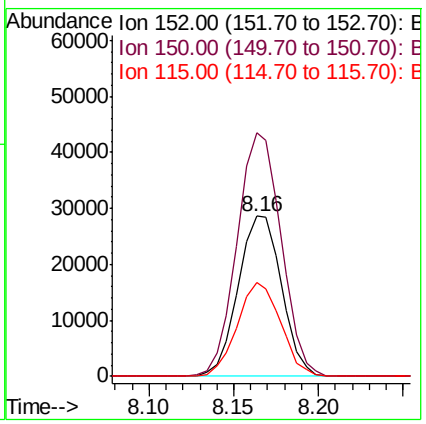




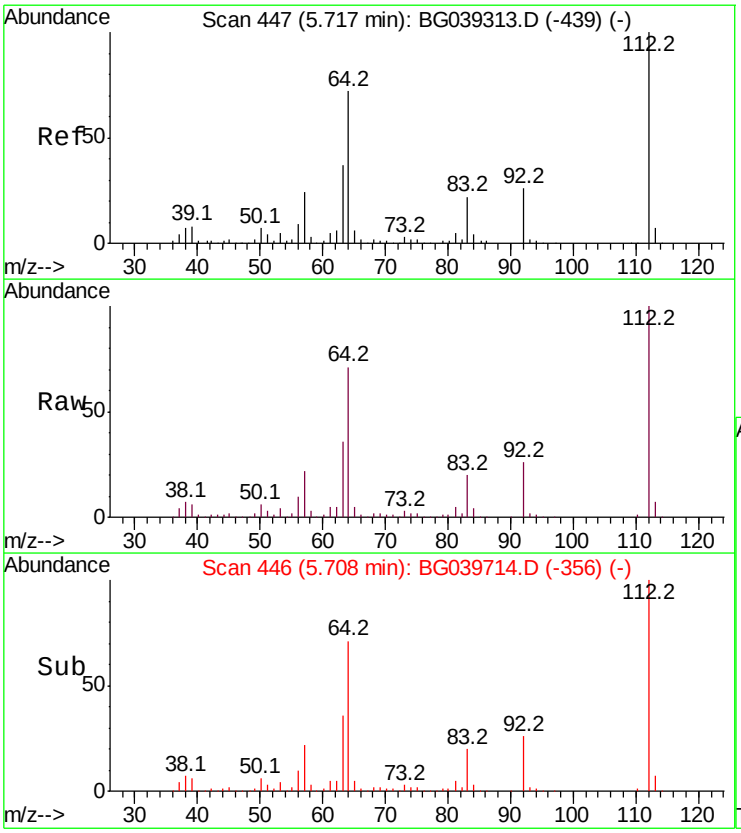
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Tgt Ion:152 Resp: 50941

Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.7	185.5
115	58.8	45.9	68.9



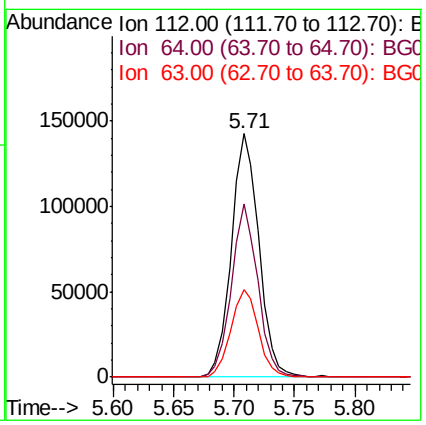
Instrument :
BNA_G
ClientSampleId :

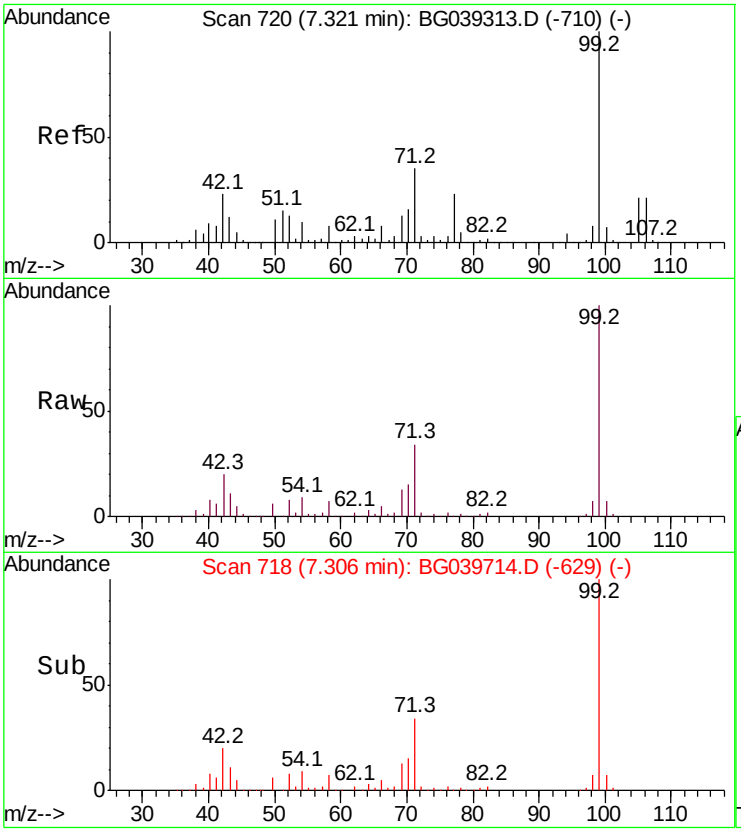


#5
2-Fluorophenol
Concen: 75.933 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Tgt Ion:112 Resp: 226004

Ion	Ratio	Lower	Upper
112	100		
64	71.2	57.8	86.8
63	36.1	29.8	44.6



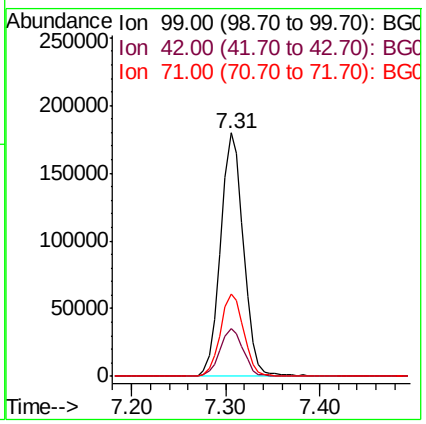


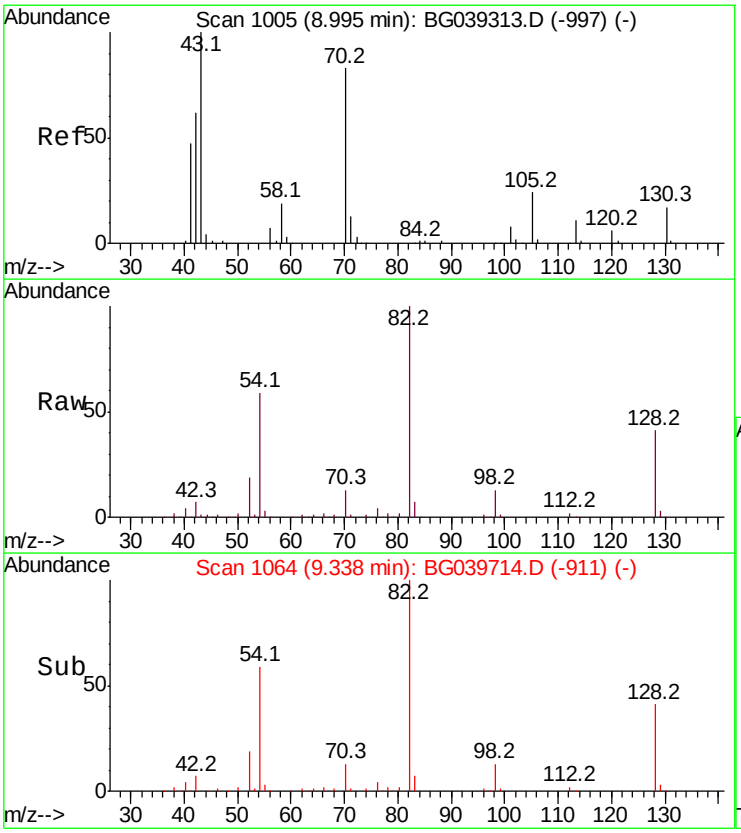
#7
Phenol-d6
Concen: 69.533 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 304635

Ion	Ratio	Lower	Upper
99	100		
42	19.6	18.2	27.2
71	33.8	28.0	42.0

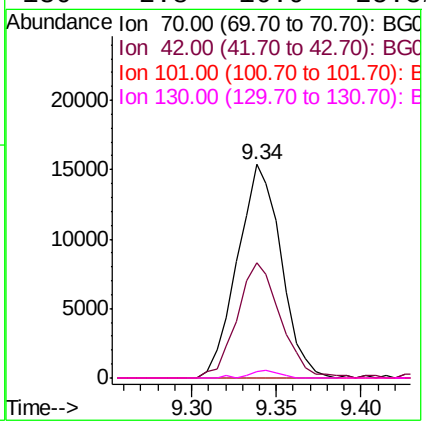


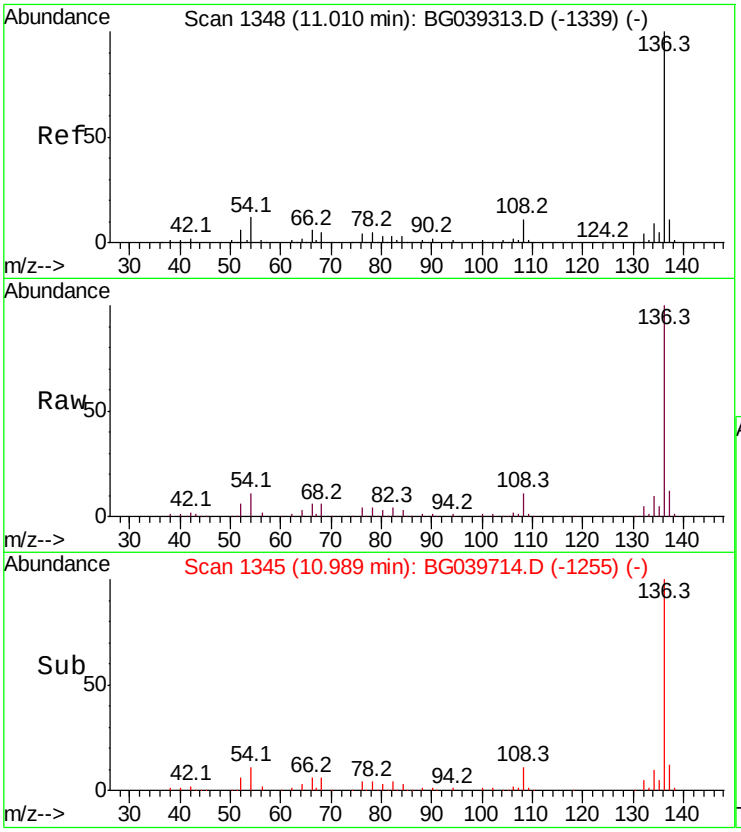


#19
n-Nitroso-di-n-propylamine
Concen: 8.884 ng
RT: 9.34 min Scan# 1064
Delta R.T. 0.37 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Tgt Ion: 70 Resp: 27624

Ion	Ratio	Lower	Upper
70	100		
42	54.0	60.4	90.6#
101	0.0	7.5	11.3#
130	2.8	16.9	25.3#



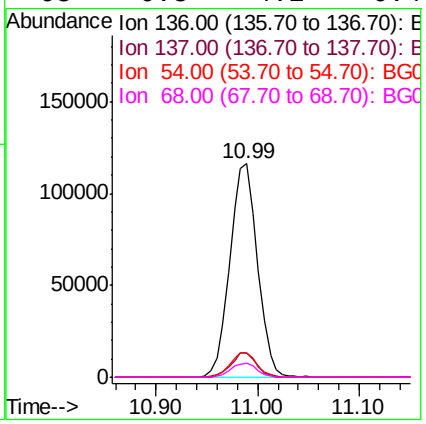


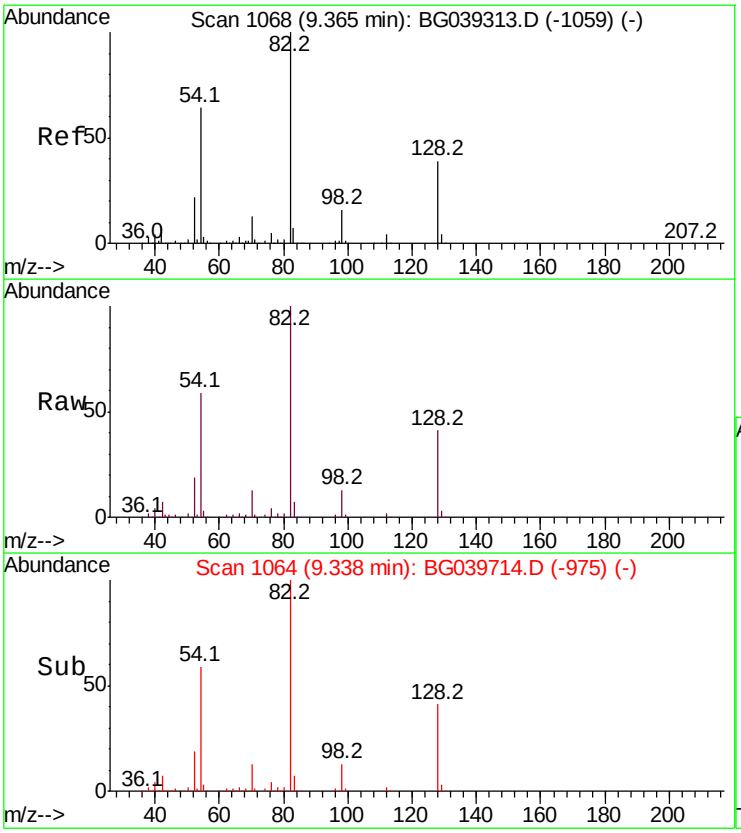
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 218838

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.1	9.4	14.2
68	6.3	4.2	6.4

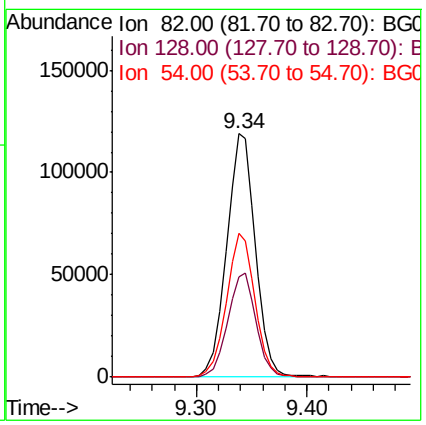


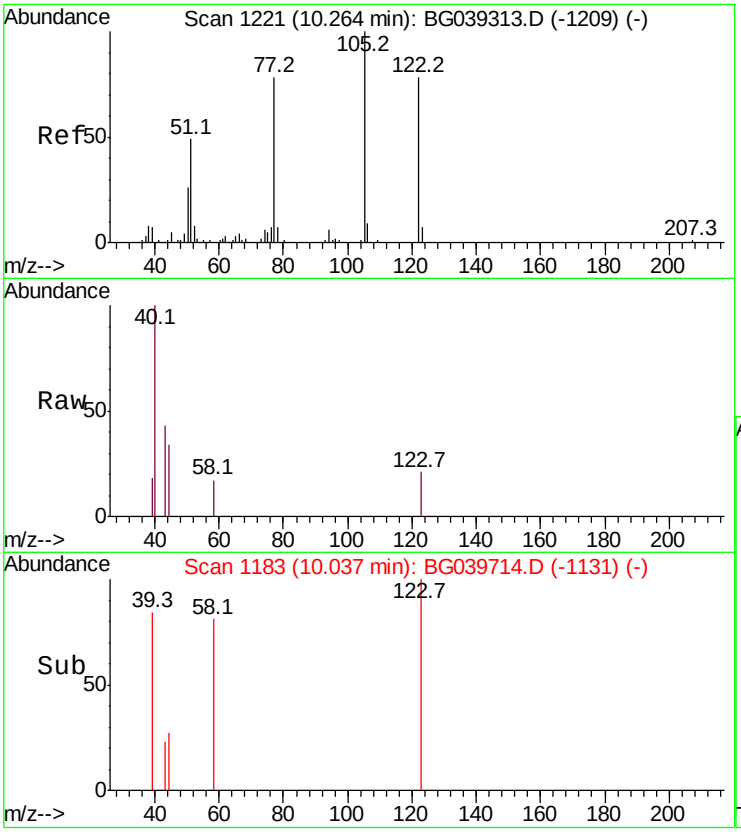


#23
Nitrobenzene-d5
Concen: 61.728 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Tgt Ion: 82 Resp: 216234

Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.3	46.9
54	58.8	50.9	76.3



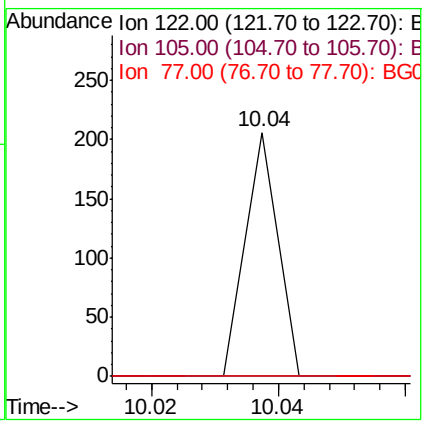


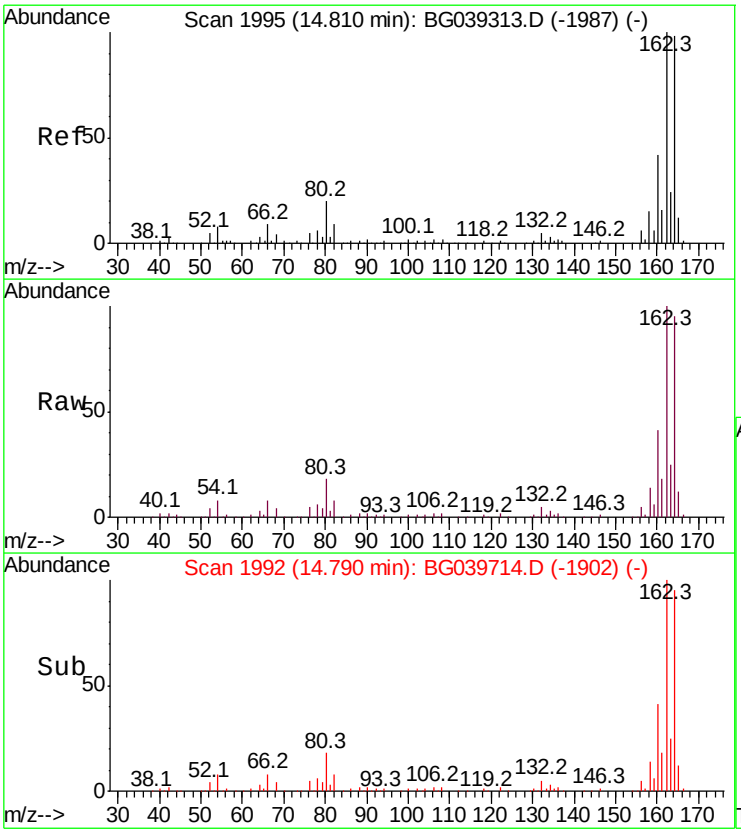
#32
Benzoic acid
Concen: 9.050 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.22 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 73

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

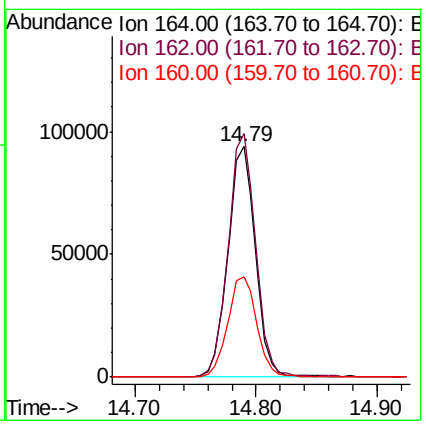


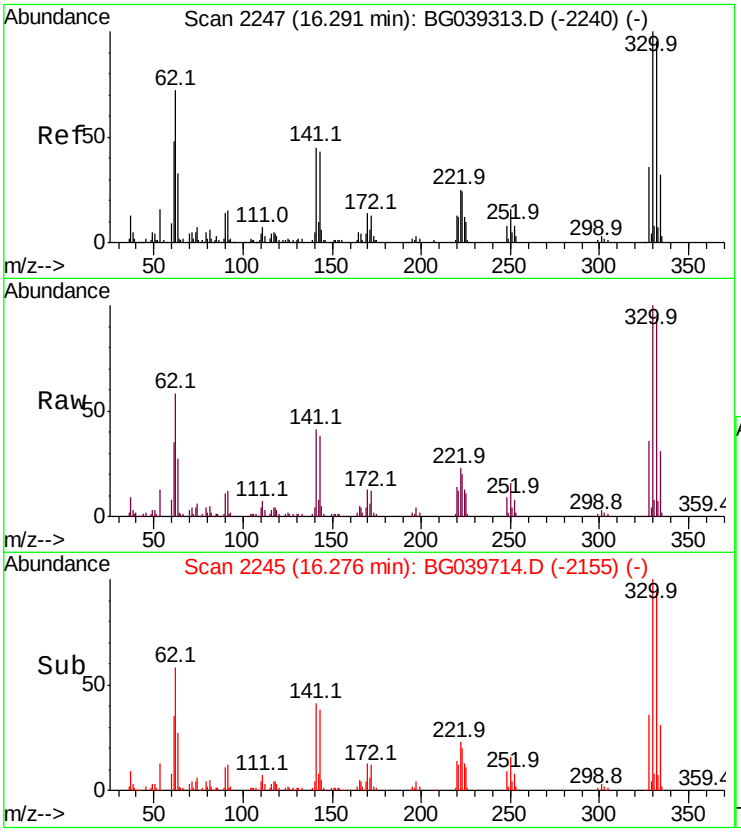


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Tgt Ion:164 Resp: 149137

Ion	Ratio	Lower	Upper
164	100		
162	105.7	81.6	122.4
160	43.4	34.2	51.2



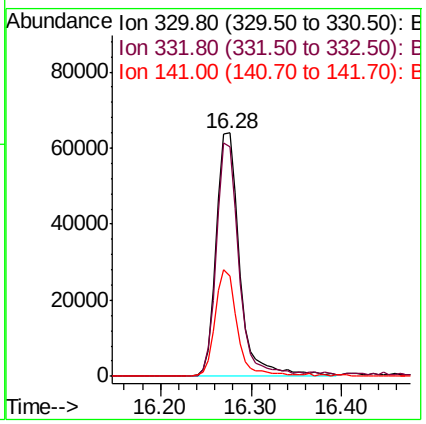


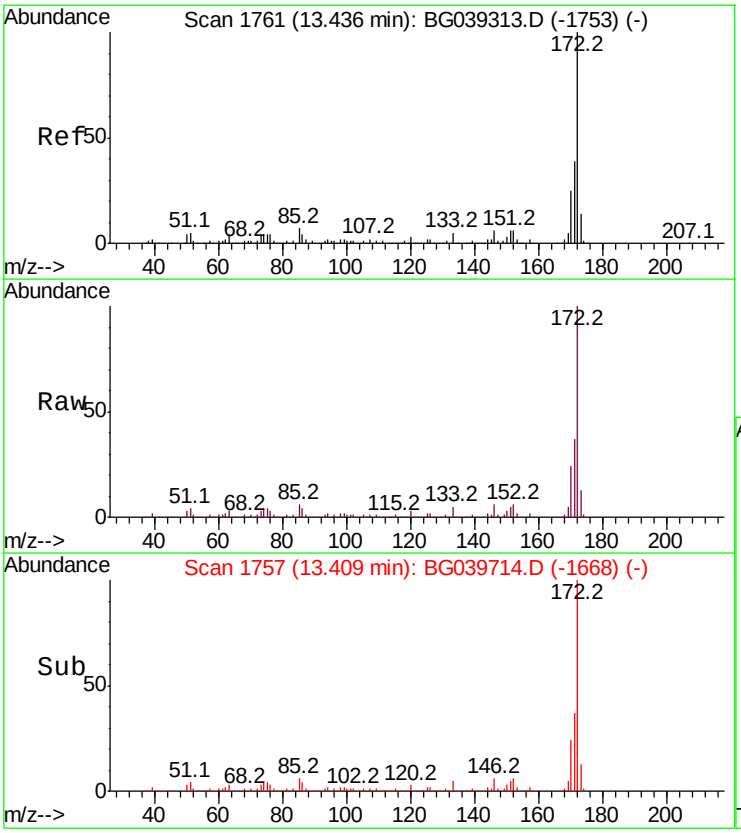
#42
2,4,6-Tribromophenol
Concen: 71.607 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 114997

Ion	Ratio	Lower	Upper
330	100		
332	93.5	75.7	113.5
141	40.7	35.6	53.4

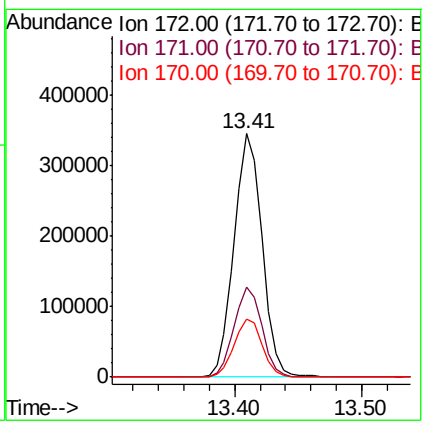


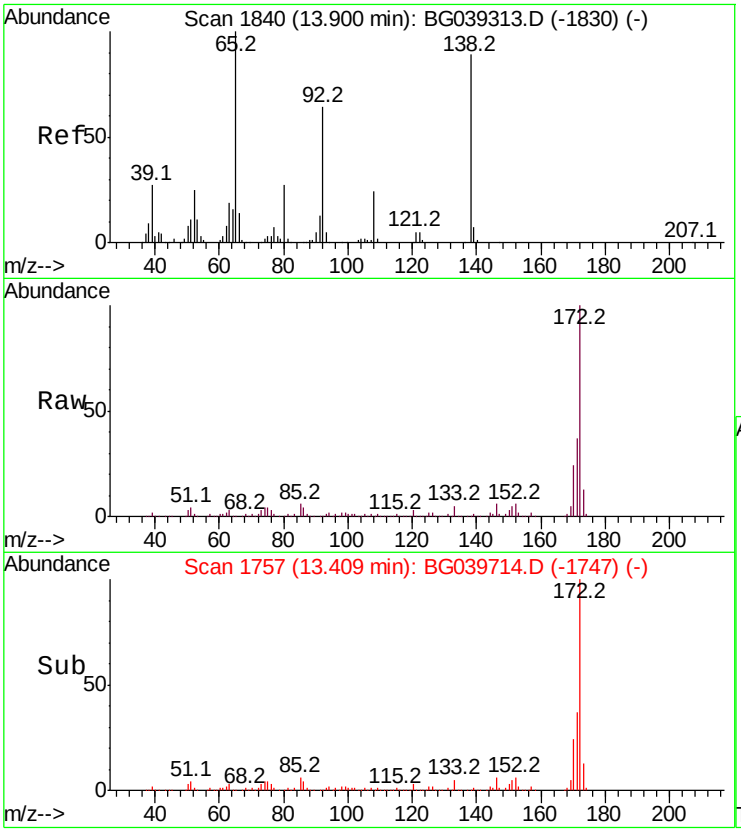


#45
2-Fluorobiphenyl
Concen: 50.818 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Tgt Ion:172 Resp: 528313

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	24.1	20.2	30.4



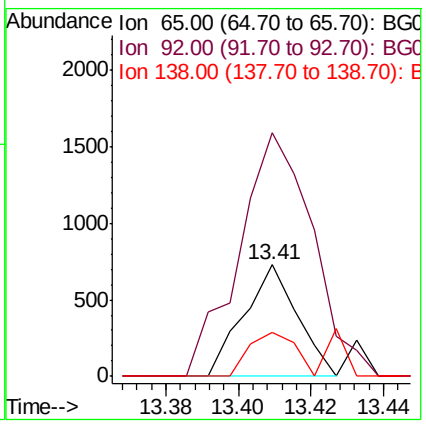


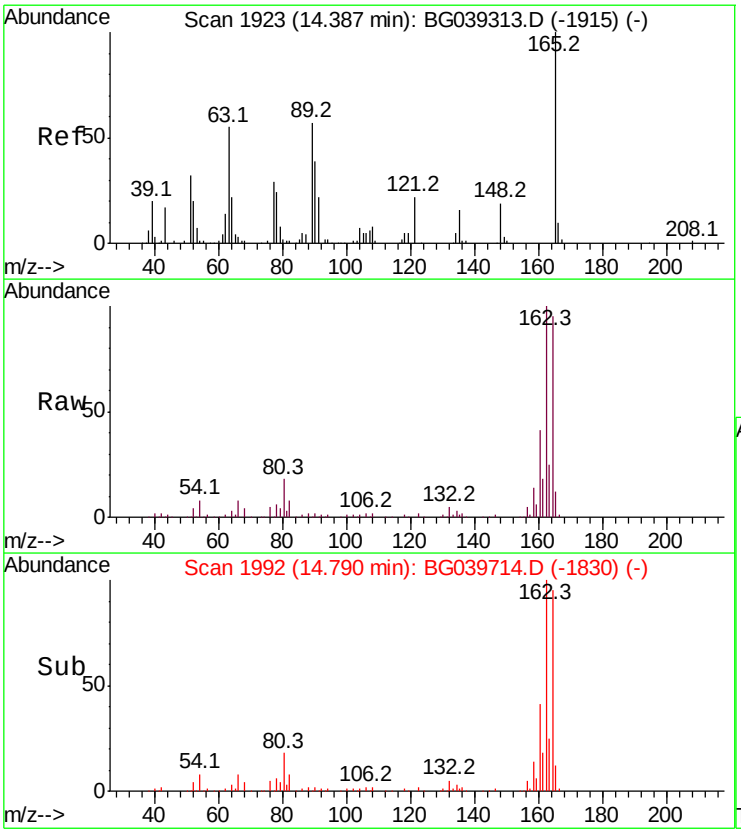
#48
2-Nitroaniline
Concen: 8.525 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.47 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 742

Ion	Ratio	Lower	Upper
65	100		
92	219.0	51.4	77.2#
138	39.3	71.4	107.2#

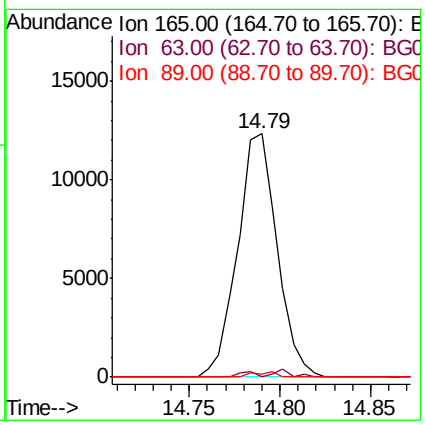


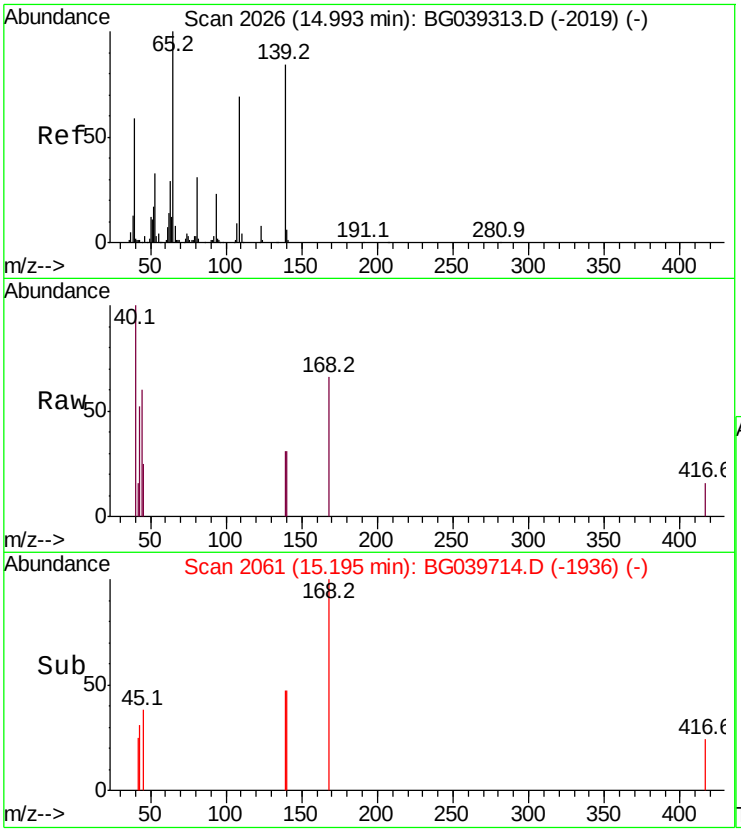


#51
2,6-Dinitrotoluene
Concen: 13.721 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.42 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Tgt Ion:165 Resp: 18674

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	1.3	45.8	68.8#



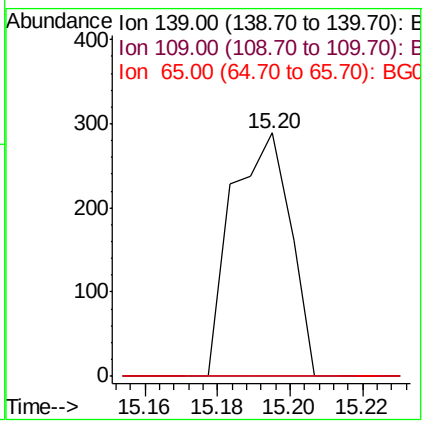


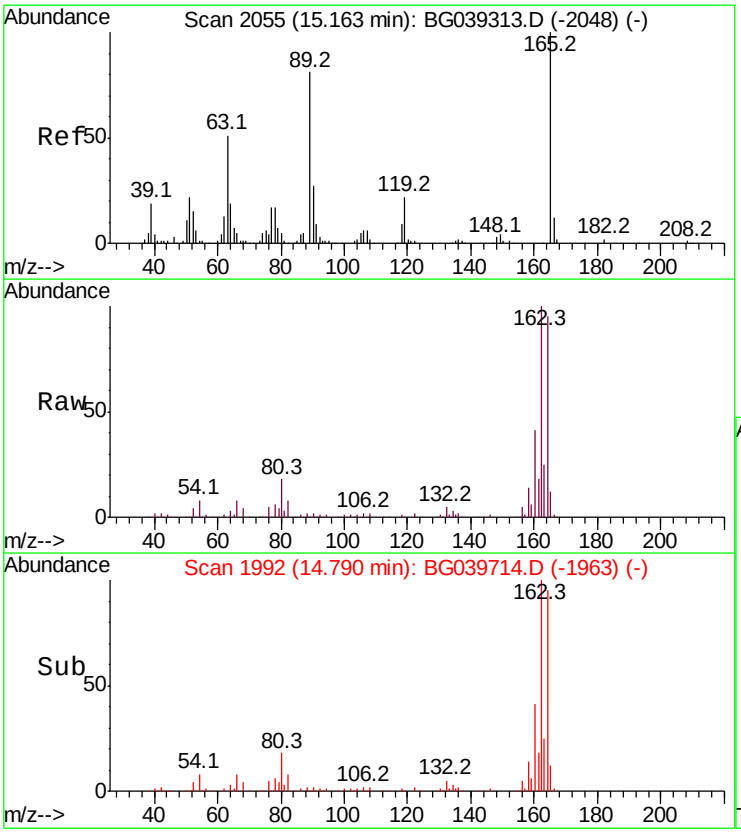
#56
4-Nitrophenol
Concen: 5.931 ng
RT: 15.20 min Scan# 2061
Delta R.T. 0.20 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 323

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

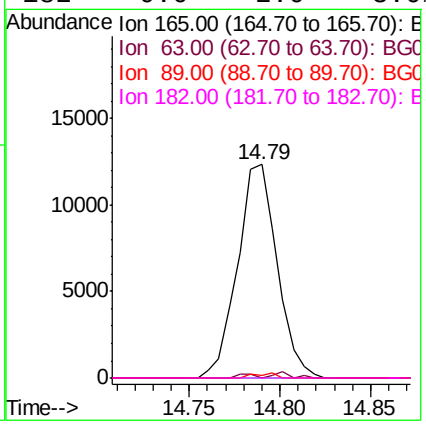


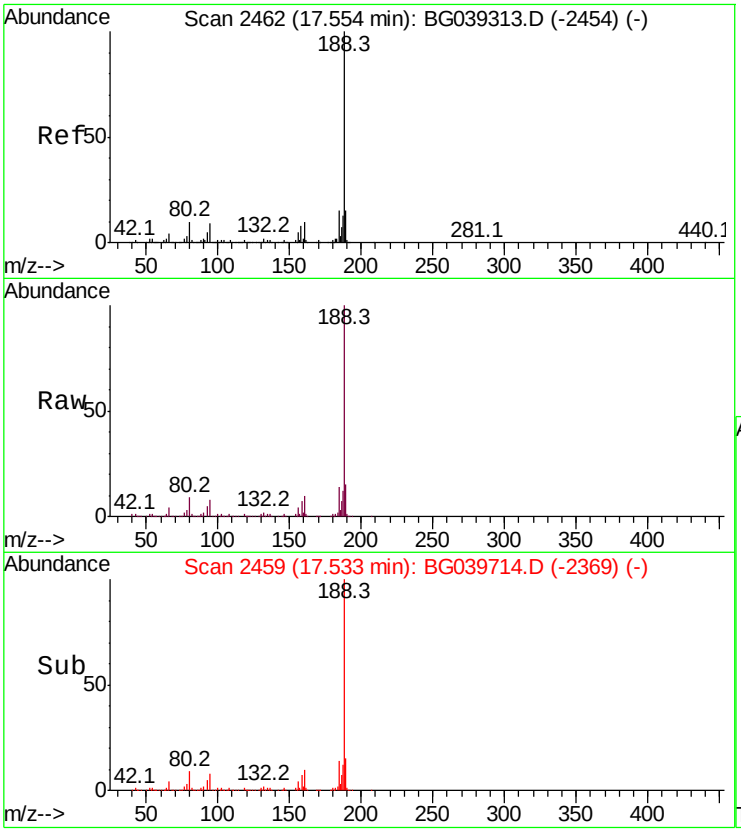


#57
2,4-Dinitrotoluene
Concen: 13.246 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.36 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Tgt Ion:165 Resp: 18674

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	1.3	64.6	96.8#
182	0.0	2.0	3.0#



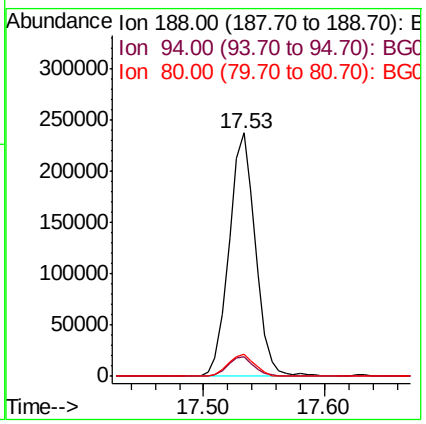


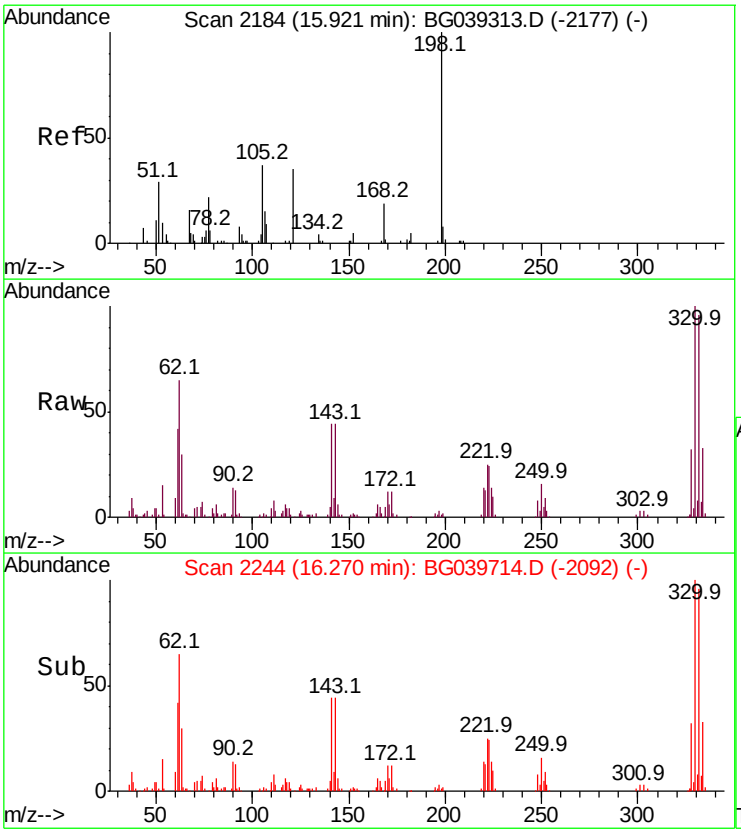
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 360227

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.1	8.1	12.1

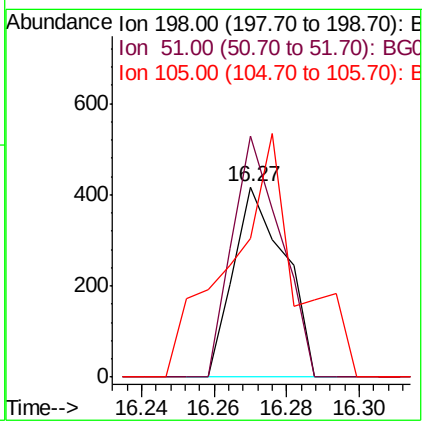


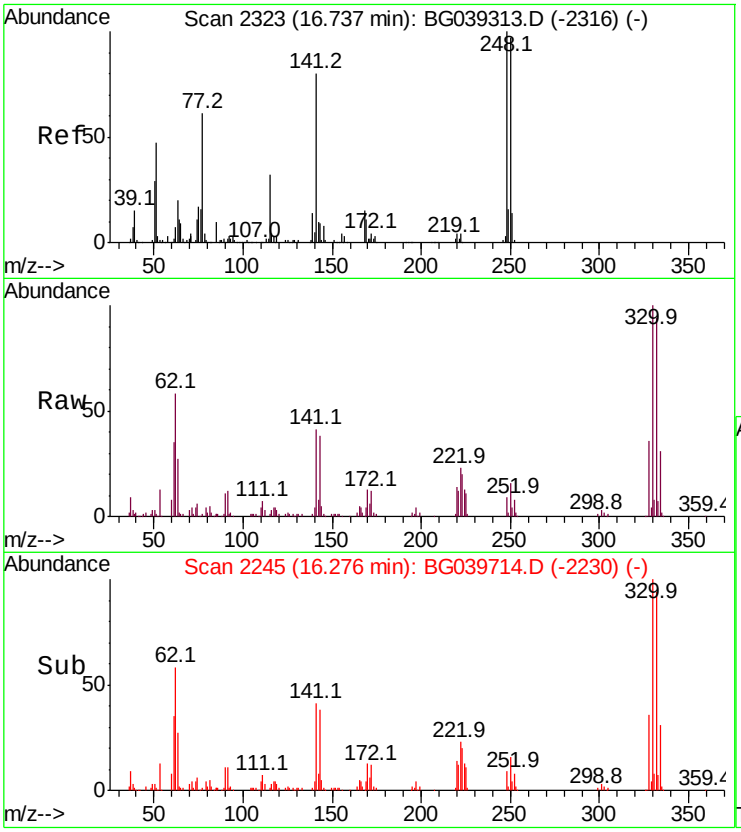


#65
4,6-Dinitro-2-methylphenol
Concen: 4.539 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.36 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Tgt Ion:198 Resp: 411

Ion	Ratio	Lower	Upper
198	100		
51	126.6	27.4	67.4#
105	72.9	19.7	59.7#



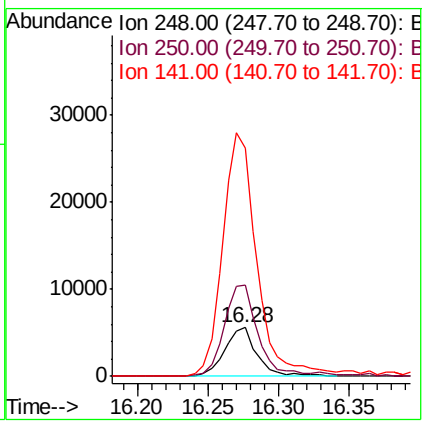


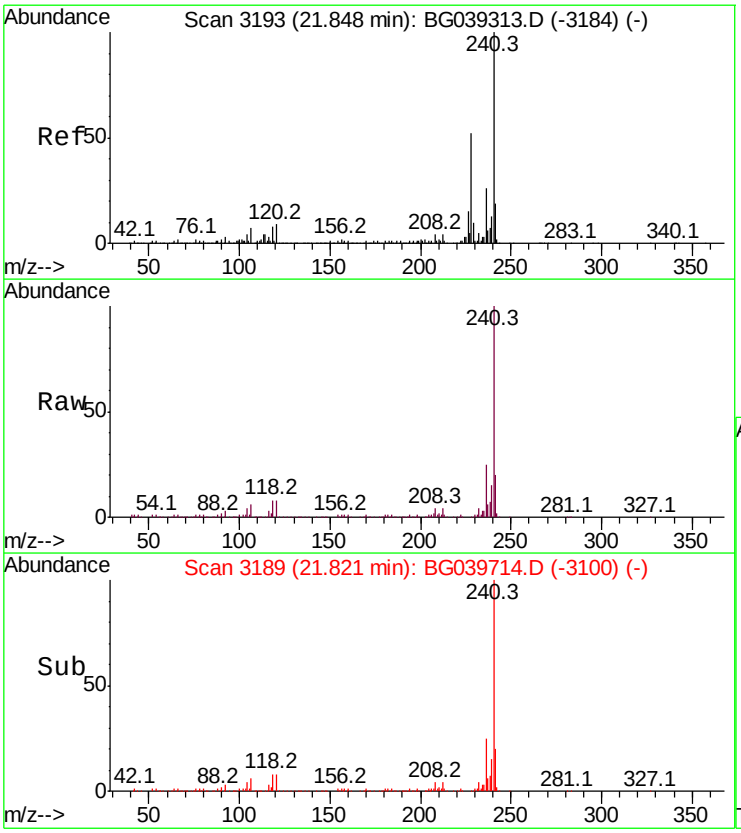
#67
4-Bromophenyl-phenylether
Concen: 2.220 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.44 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 8870

Ion	Ratio	Lower	Upper
248	100		
250	185.9	77.6	116.4#
141	465.9	63.9	95.9#

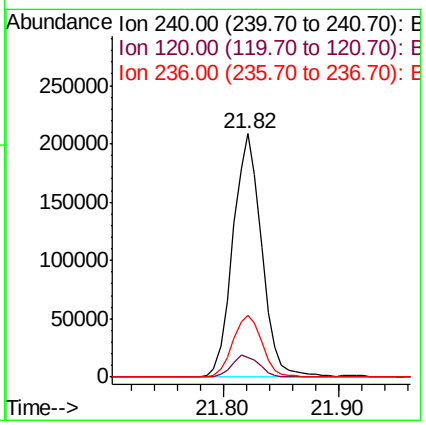


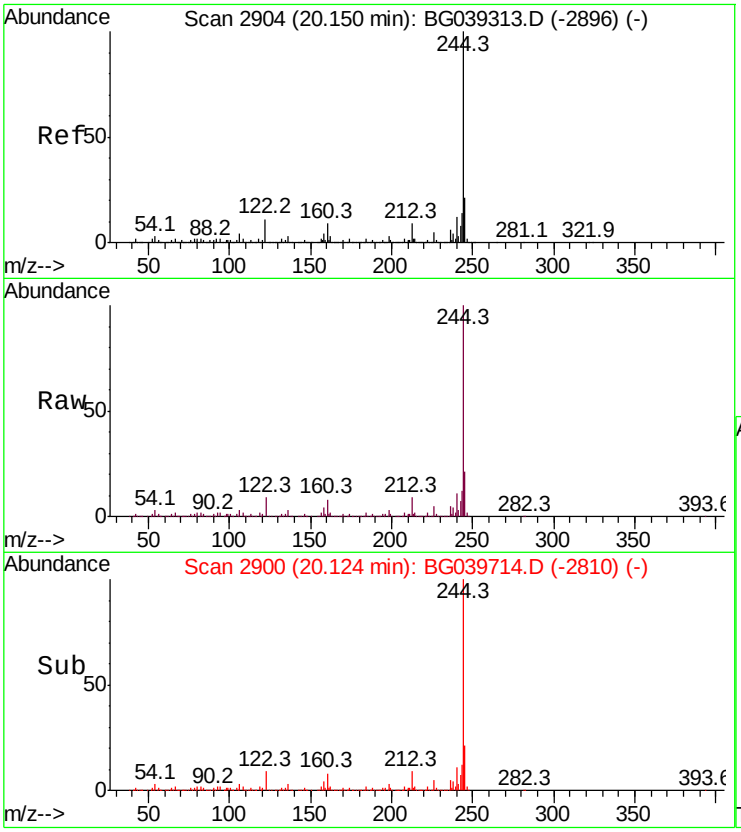


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Tgt Ion:240 Resp: 359300

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	25.3	21.0	31.4



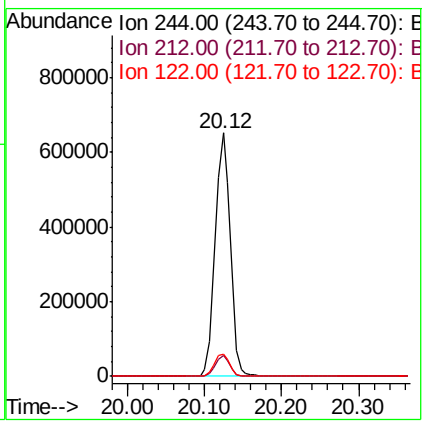


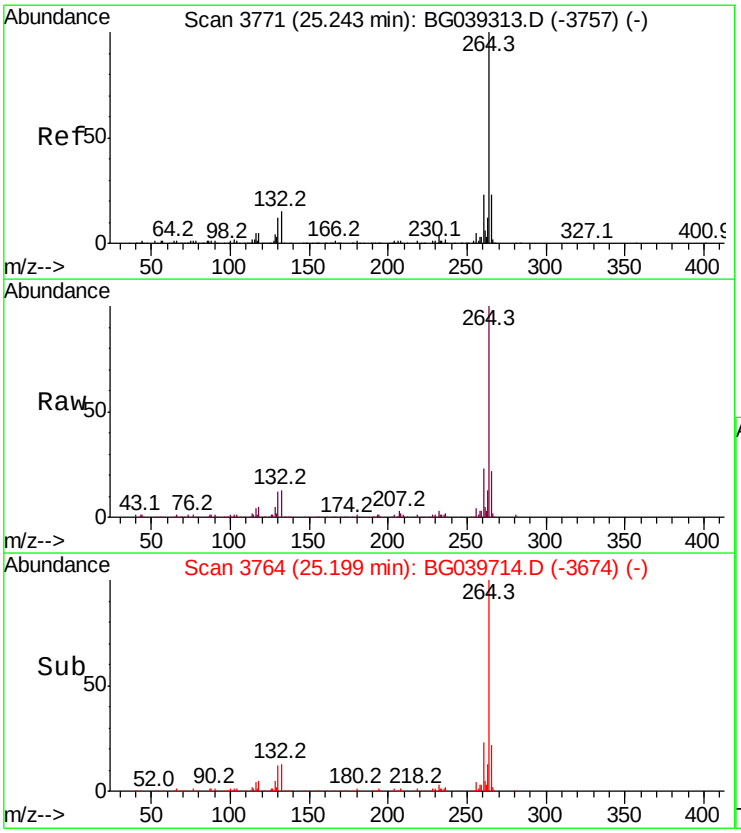
#79
Terphenyl-d14
Concen: 51.413 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 872714

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.3	10.9
122	9.3	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.00 min
Lab File: BG039714.D
Acq: 2 Mar 2019 8:45

Tgt Ion:264 Resp: 344101

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.8	18.5	27.7