Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG043019\
Data File : BG040680.D
Acq On : 30 Apr 2019 20:20
Operator : JU/SJ
Sample : K2194-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 30 22:44:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	36516	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	138788	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	98468	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	283691	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	305297	20.00	ng	-0.03
87) Perylene-d12	25.15	264	316918	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	279710	135.03	ng	0.00
7) Phenol-d6	7.28	99	368424	115.51	ng	-0.01
23) Nitrobenzene-d5	9.32	82	333887	111.16	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	234306	173.12	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	692586	101.58	ng	-0.01
79) Terphenyl-d14	20.11	244	1517972	110.15	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.28	77	847	Below Cal	#	27
19) n-Nitroso-di-n-propylamine	9.32	70	48083	16.747	ng	# 78
51) 2,6-Dinitrotoluene	14.78	165	13626	8.474	ng	# 15
54) 2,4-Dinitrophenol	14.95	184	55	7.070	ng	# 21
57) 2,4-Dinitrotoluene	14.78	165	13626	6.236	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.26	198	556	7.440	ng	# 1
67) 4-Bromophenyl-phenylether	16.26	248	17350	4.909	ng	# 1
77) Benzidine	20.11	184	28244	3.379	ng	# 94

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

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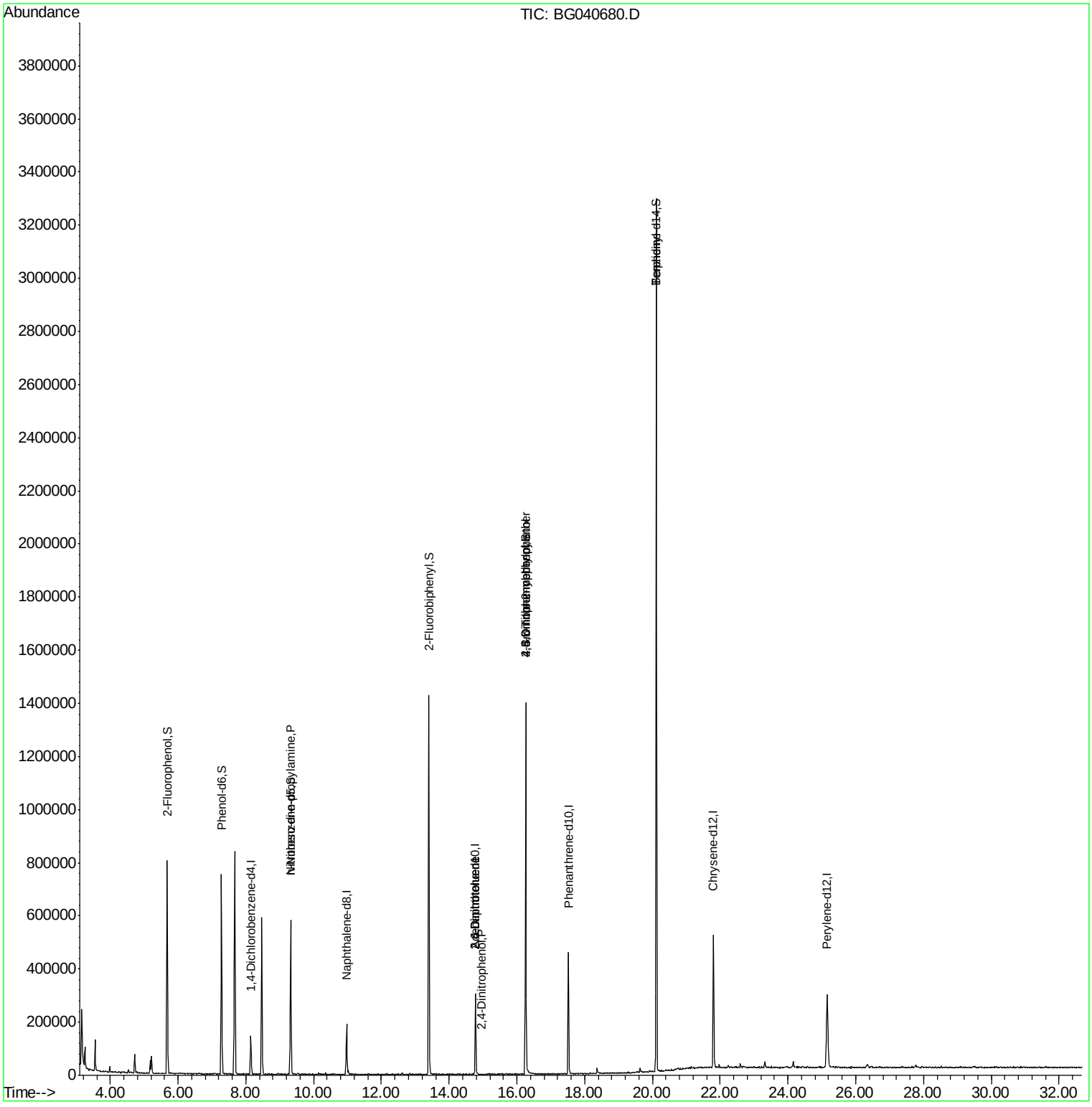
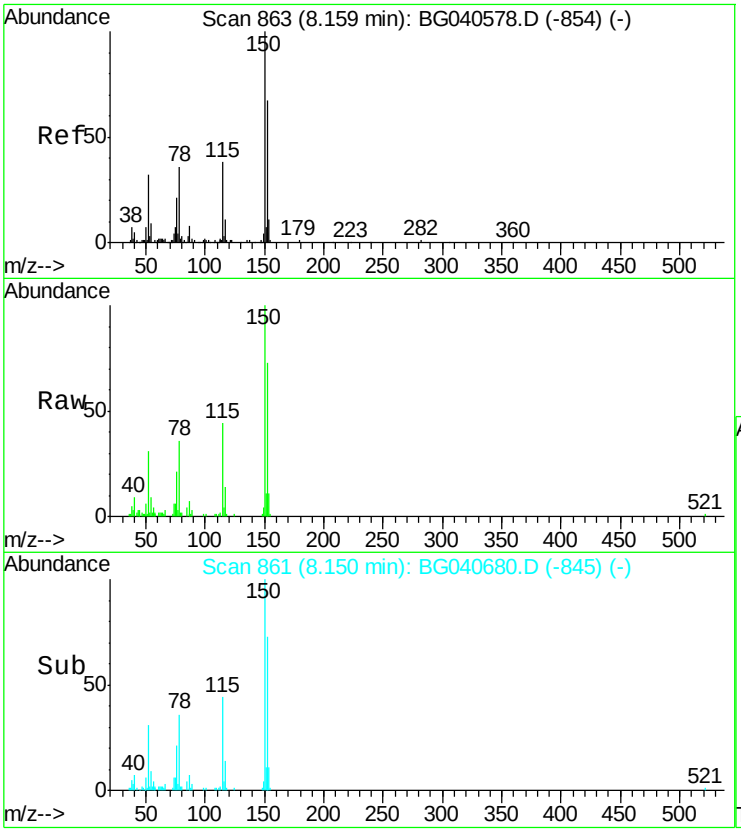


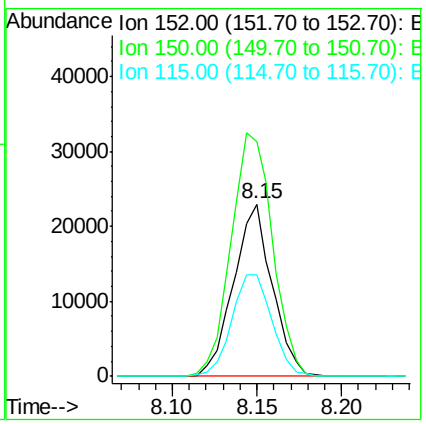


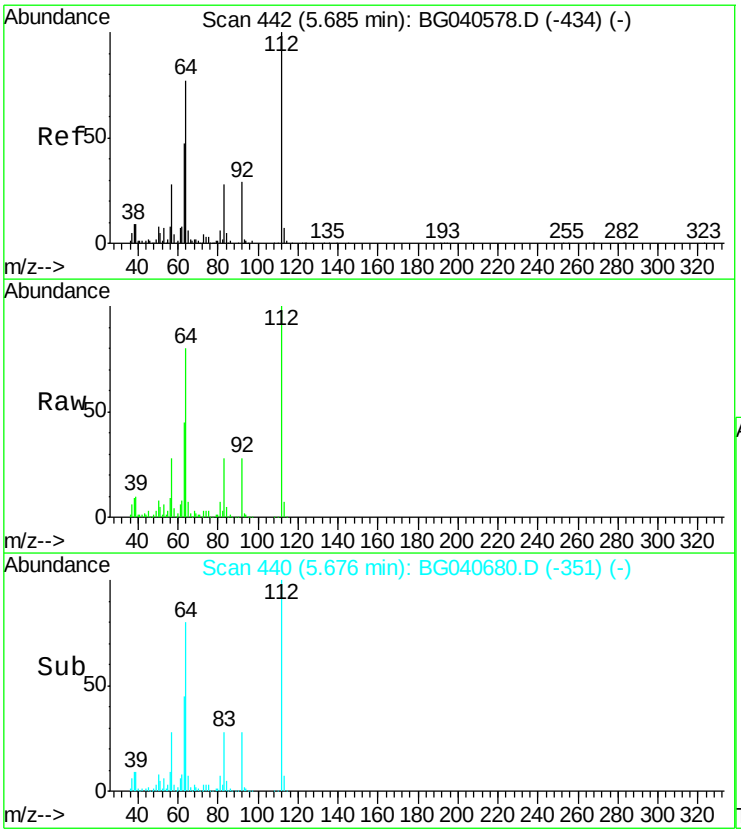
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 36516

Ion	Ratio	Lower	Upper
152	100		
150	136.3	120.2	180.2
115	59.4	46.2	69.2

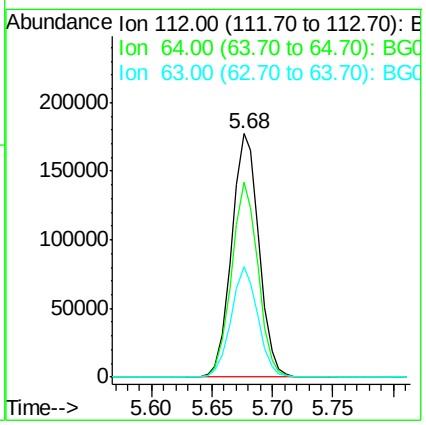


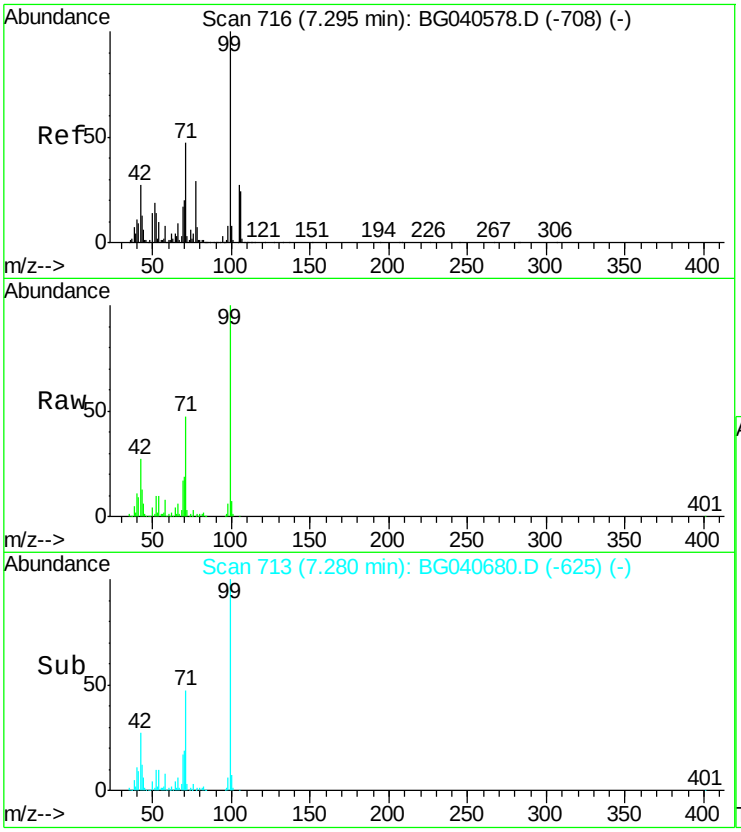


#5
2-Fluorophenol
Concen: 135.027 ng
RT: 5.68 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Tgt Ion:112 Resp: 279710

Ion	Ratio	Lower	Upper
112	100		
64	80.1	61.4	92.0
63	45.3	37.8	56.6



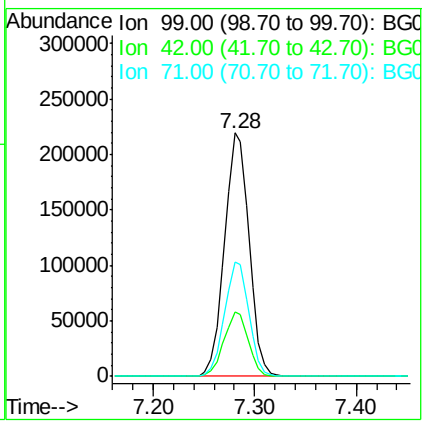


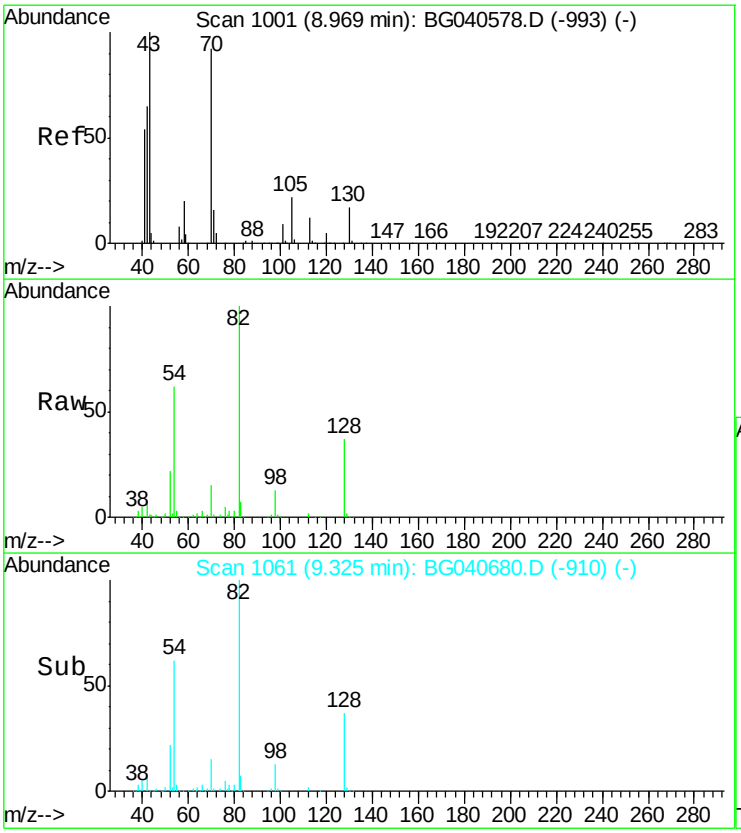
#7
Phenol-d6
Concen: 115.510 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 368424

Ion	Ratio	Lower	Upper
99	100		
42	26.6	21.8	32.8
71	47.2	38.6	57.8

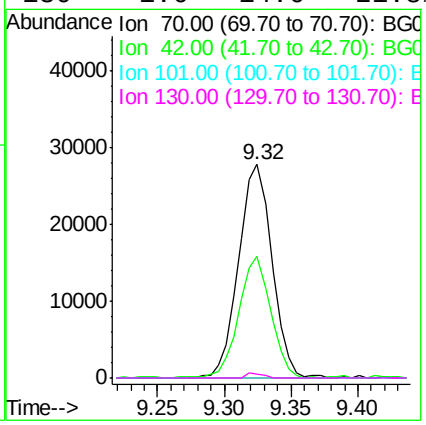


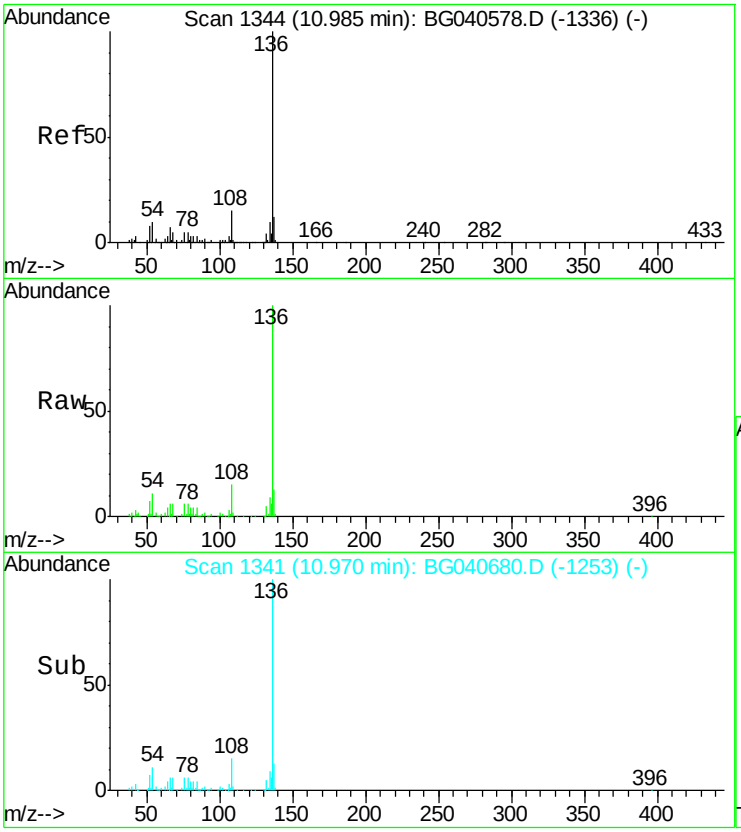


#19
n-Nitroso-di-n-propylamine
Concen: 16.747 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.36 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Tgt Ion: 70 Resp: 48083

Ion	Ratio	Lower	Upper
70	100		
42	56.9	57.1	85.7#
101	0.0	7.8	11.8#
130	1.6	14.6	21.8#



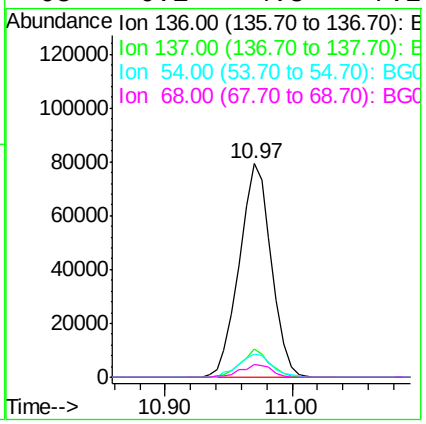


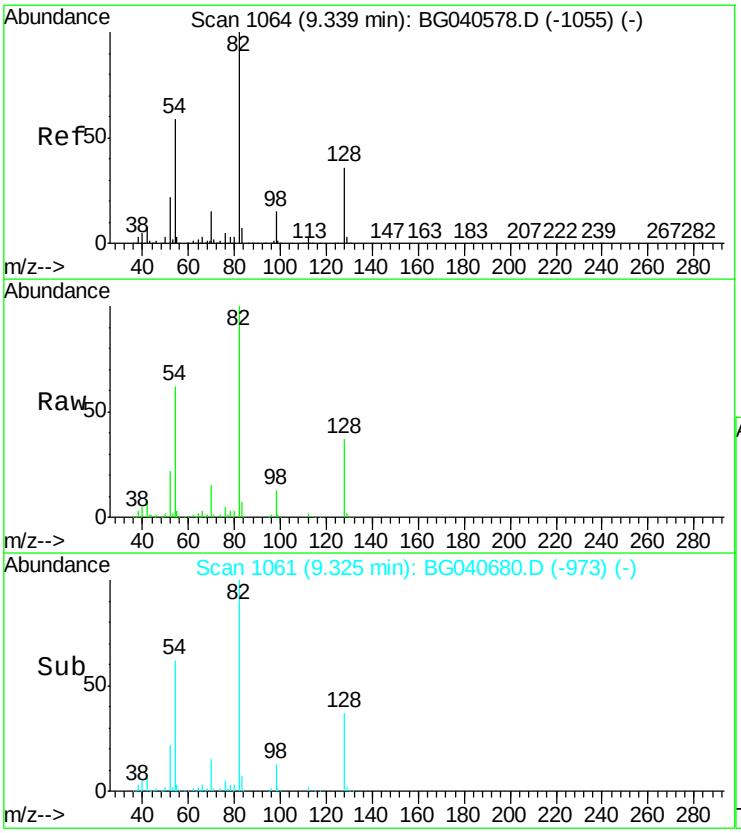
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 138788

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.7	14.5
54	10.6	8.6	12.8
68	6.1	4.8	7.2

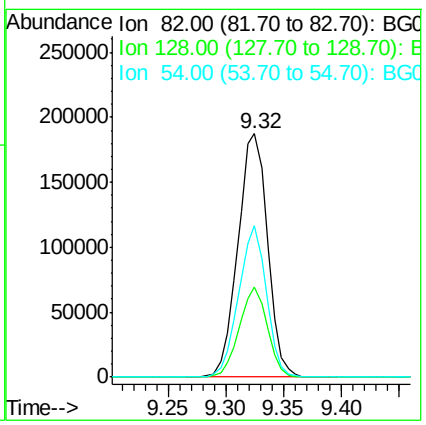


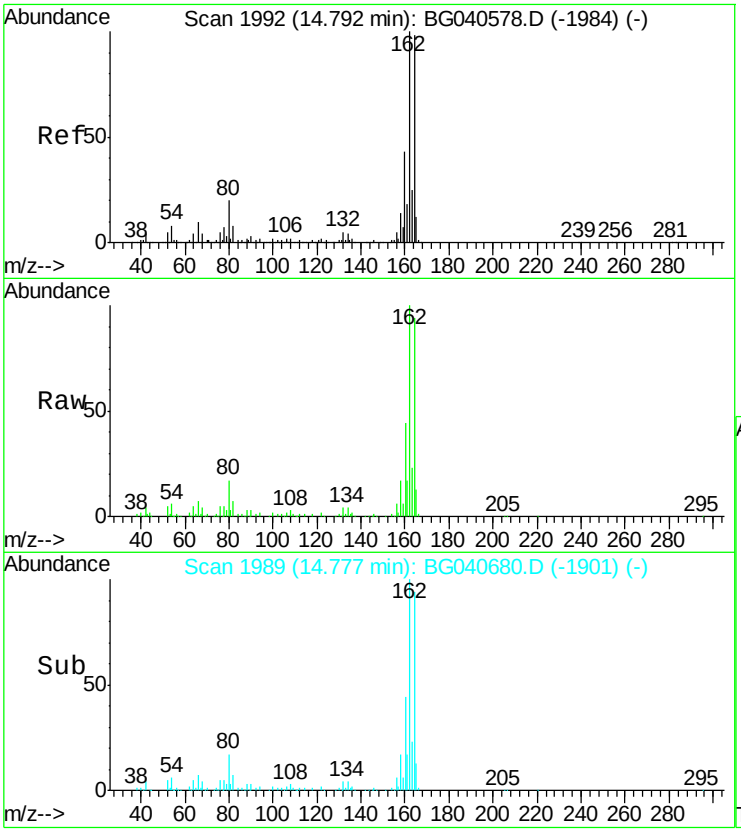


#23
Nitrobenzene-d5
Concen: 111.160 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Tgt Ion: 82 Resp: 333887

Ion	Ratio	Lower	Upper
82	100		
128	36.9	28.9	43.3
54	62.0	47.2	70.8



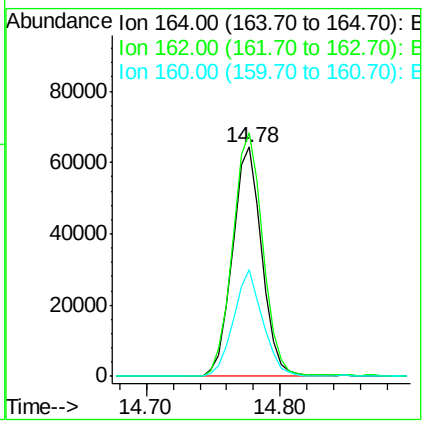


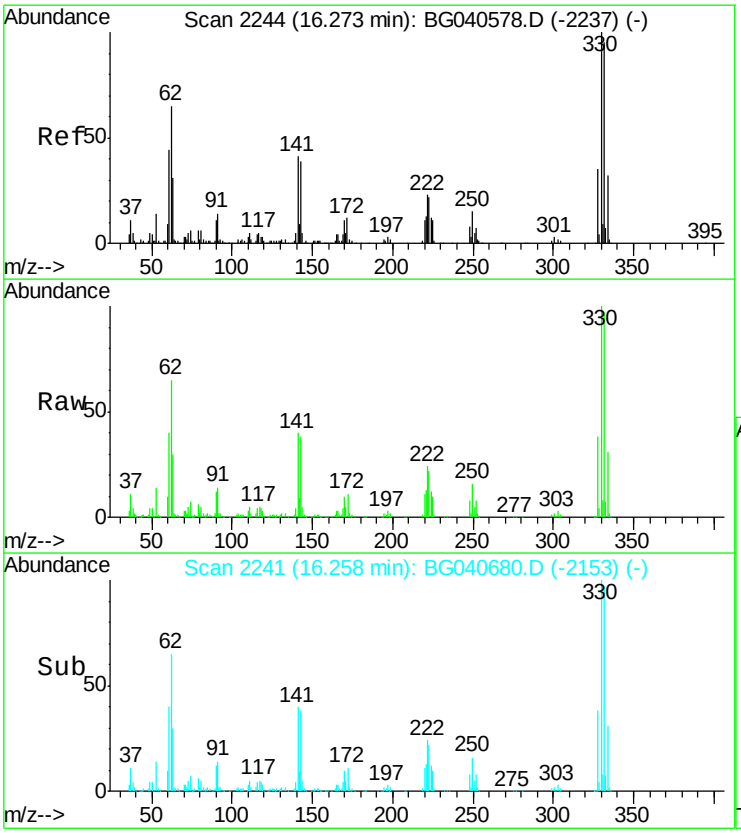
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 98468

Ion	Ratio	Lower	Upper
164	100		
162	106.2	81.9	122.9
160	46.3	35.4	53.2

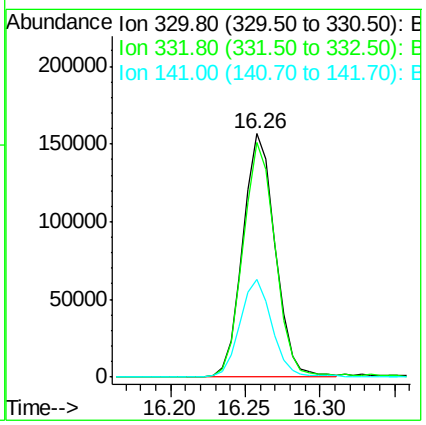


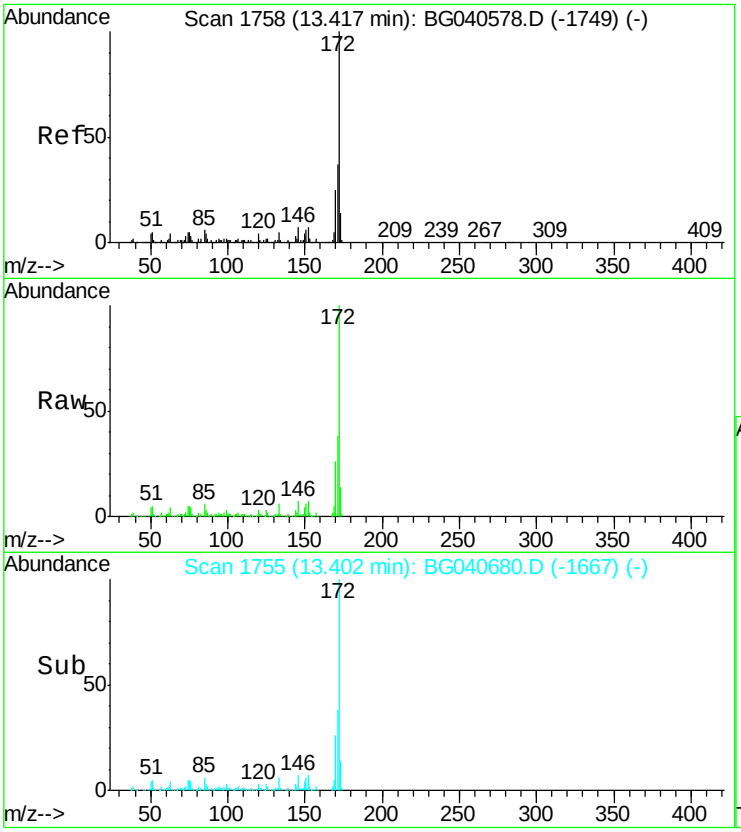


#42
2,4,6-Tribromophenol
Concen: 173.116 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Tgt Ion:330 Resp: 234306

Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.9	113.9
141	40.3	32.4	48.6



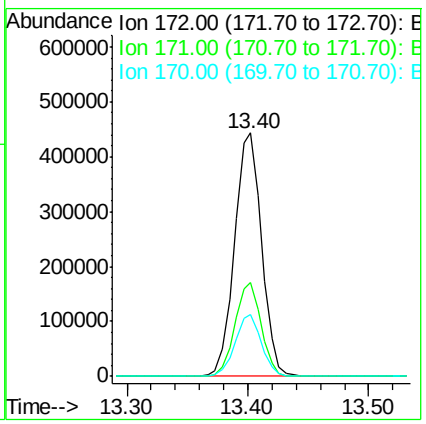


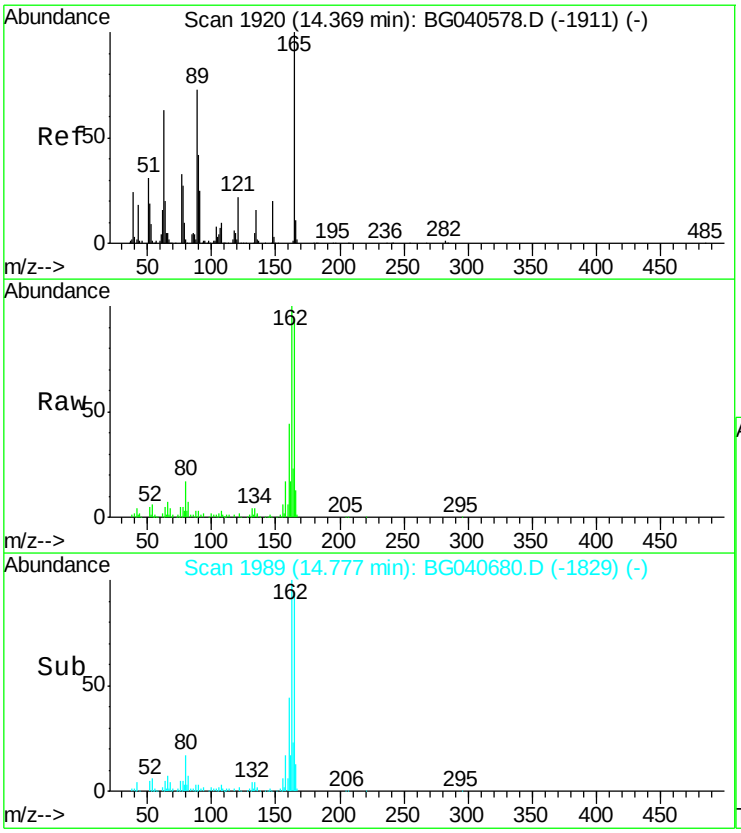
#45
2-Fluorobiphenyl
Concen: 101.579 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 692586

Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.4	44.2
170	25.6	19.9	29.9

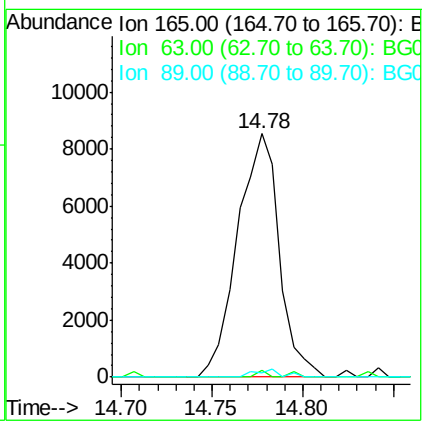


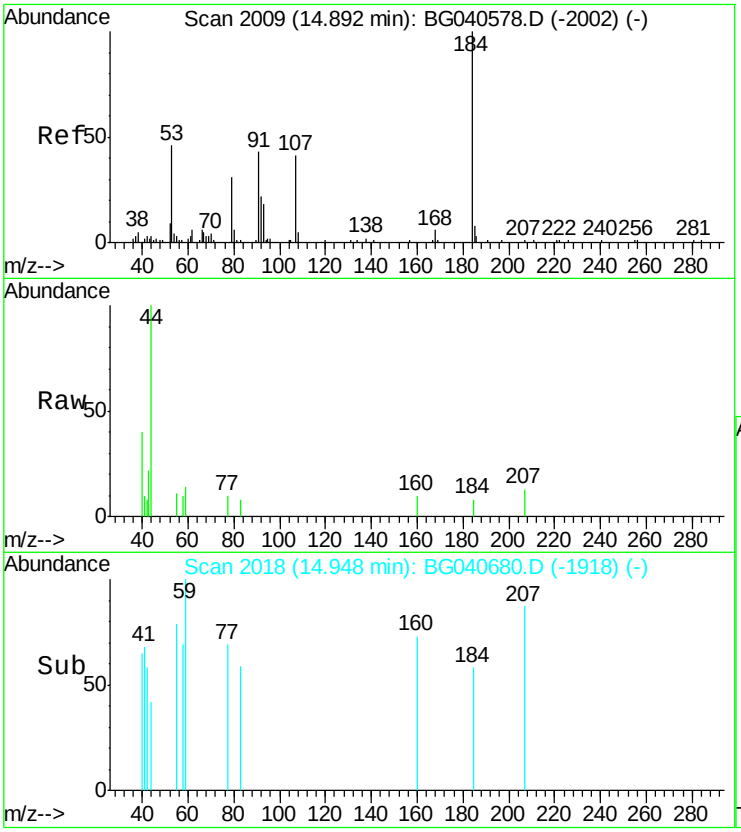


#51
2,6-Dinitrotoluene
Concen: 8.474 ng
RT: 14.78 min Scan# 1989
Delta R.T. 0.41 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Tgt Ion:165 Resp: 13626

Ion	Ratio	Lower	Upper
165	100		
63	2.7	61.0	91.4#
89	2.0	58.6	87.8#



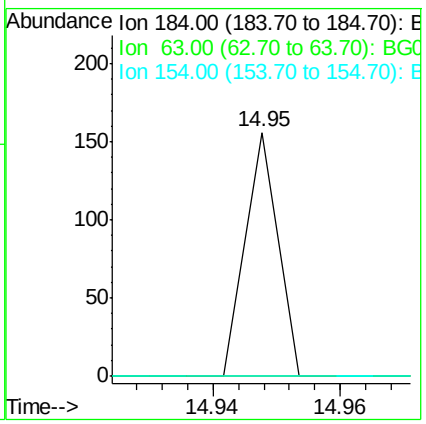


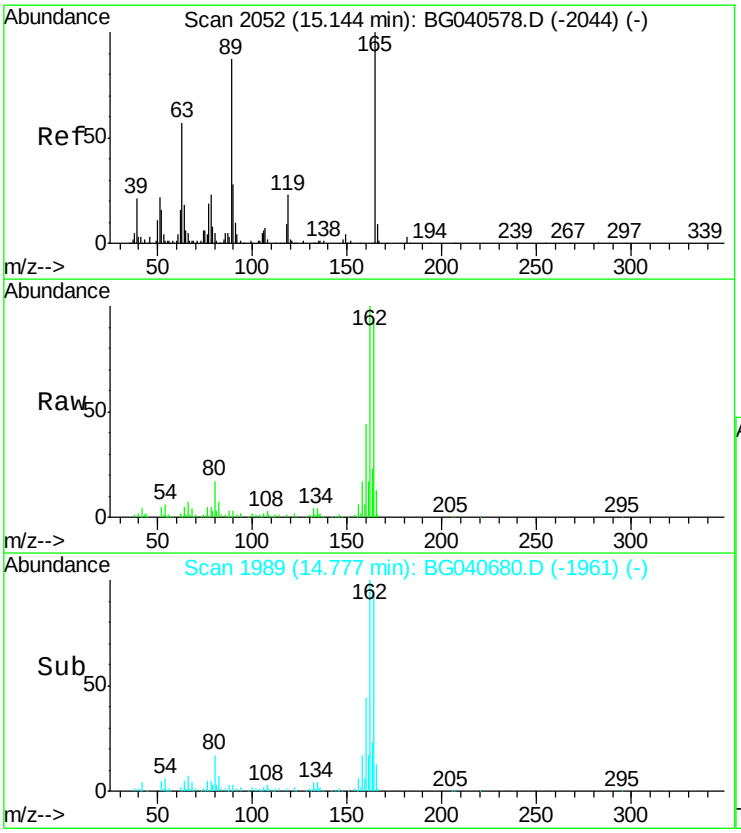
#54
2,4-Dinitrophenol
Concen: 7.070 ng
RT: 14.95 min Scan# 2018
Delta R.T. 0.06 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	0.0	51.8	77.6#
154	0.0	43.6	65.4#

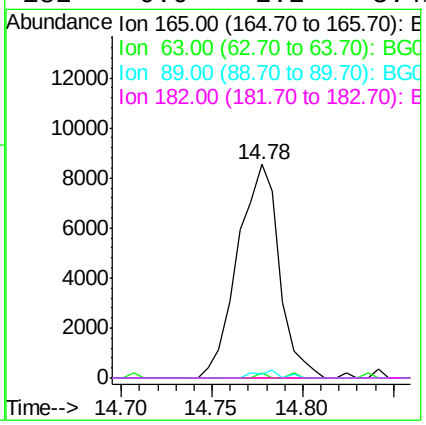


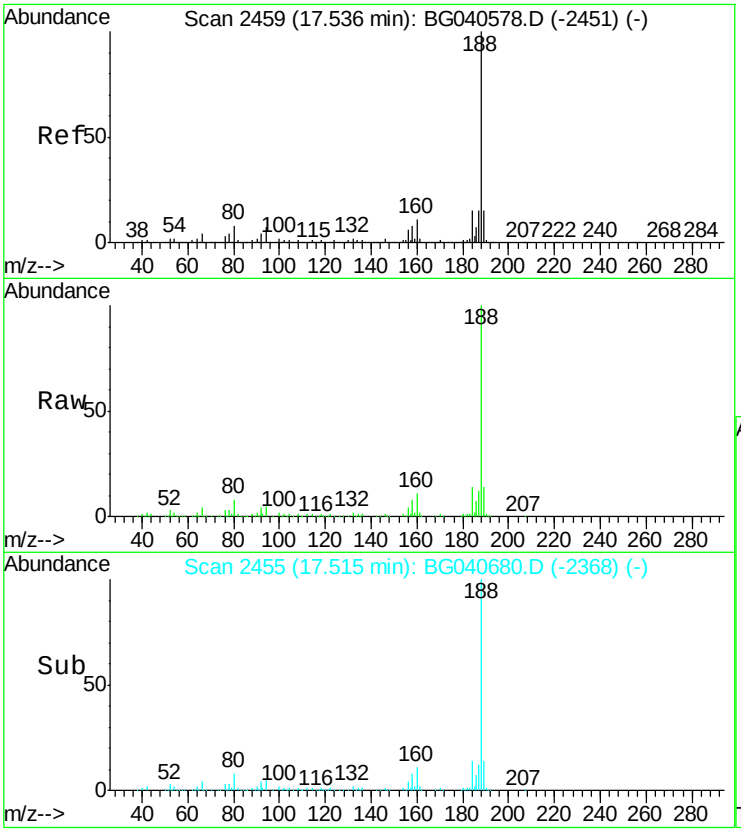


#57
2,4-Dinitrotoluene
Concen: 6.236 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.37 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Tgt Ion:165 Resp: 13626

Ion	Ratio	Lower	Upper
165	100		
63	2.7	45.8	68.8#
89	2.0	69.4	104.2#
182	0.0	2.2	3.4#



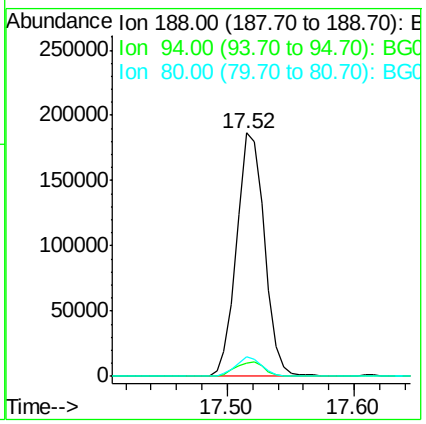


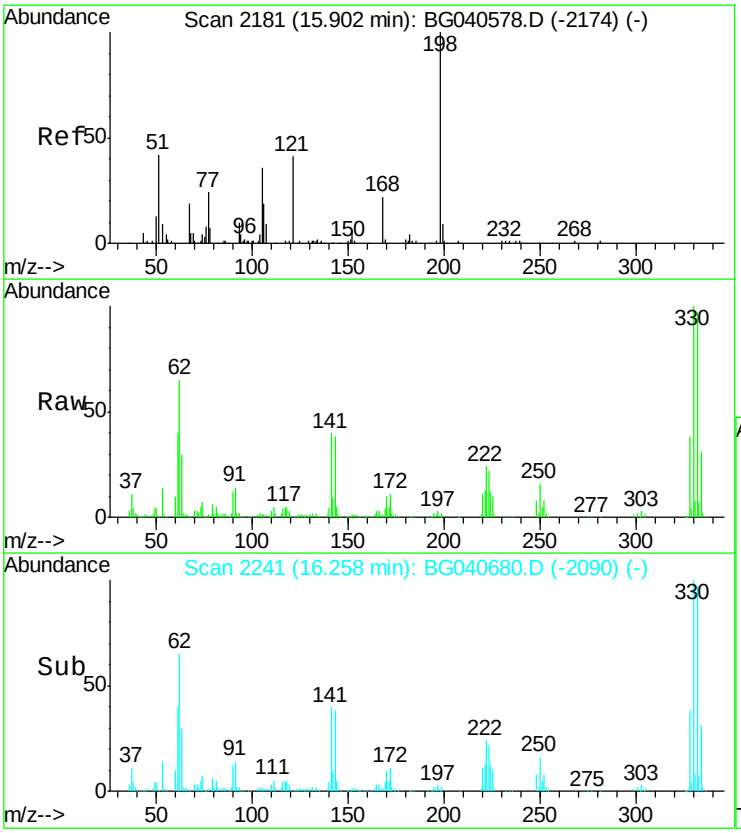
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 283691

Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.6	8.4#
80	7.8	6.4	9.6

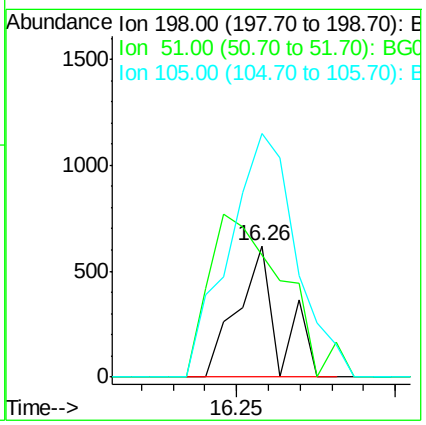


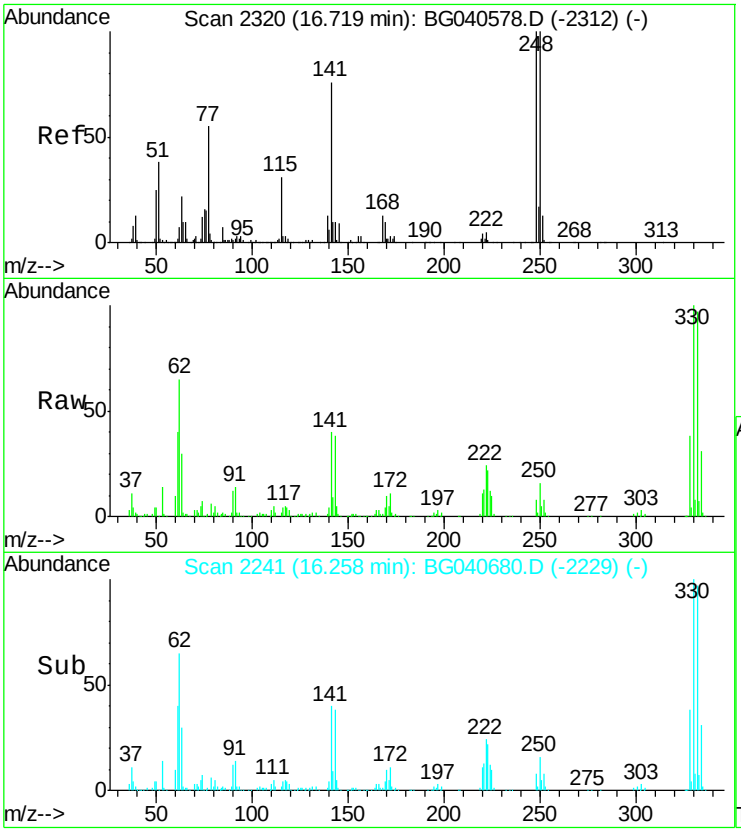


#65
4,6-Dinitro-2-methylphenol
Concen: 7.440 ng
RT: 16.26 min Scan# 2241
Delta R.T. 0.36 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Tgt Ion:198 Resp: 556

Ion	Ratio	Lower	Upper
198	100		
51	92.6	35.9	75.9#
105	185.8	21.2	61.2#



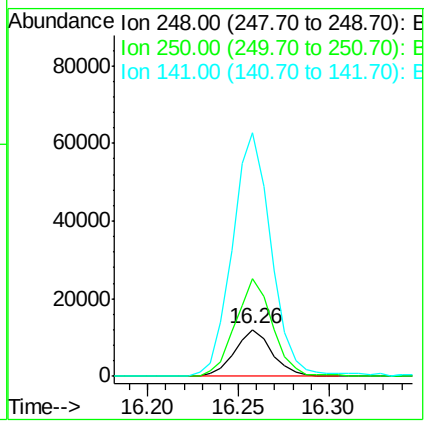


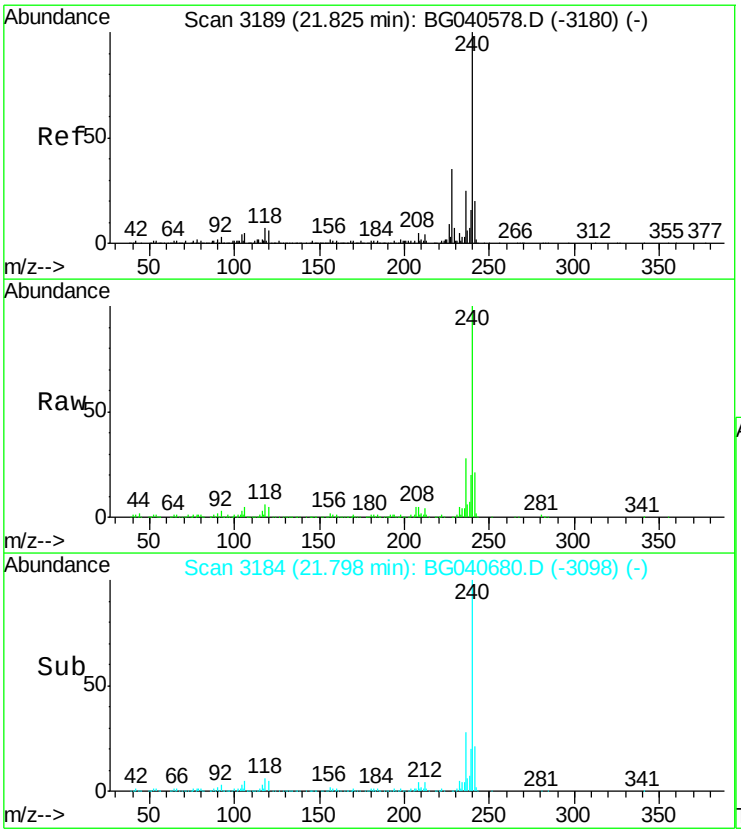
#67
4-Bromophenyl-phenylether
Concen: 4.909 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17350

Ion	Ratio	Lower	Upper
248	100		
250	207.1	79.8	119.6#
141	519.2	60.8	91.2#

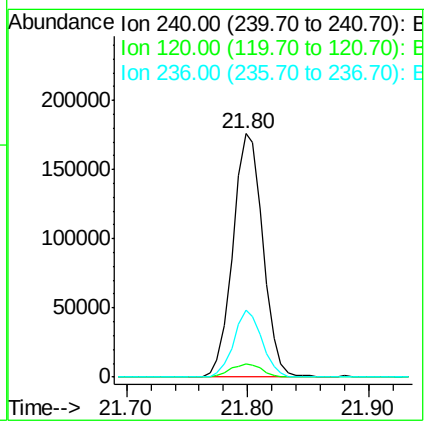


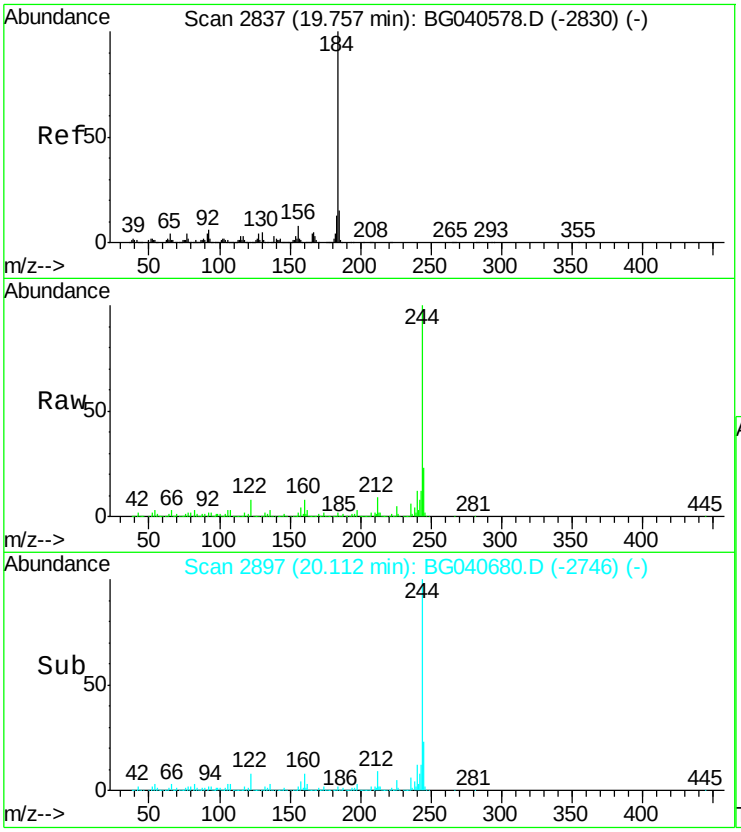


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Tgt Ion:240 Resp: 305297

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.0	7.6
236	27.6	20.3	30.5



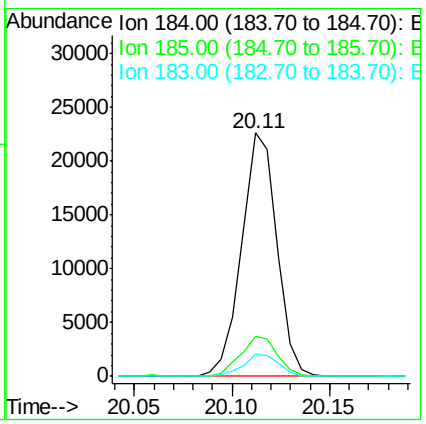


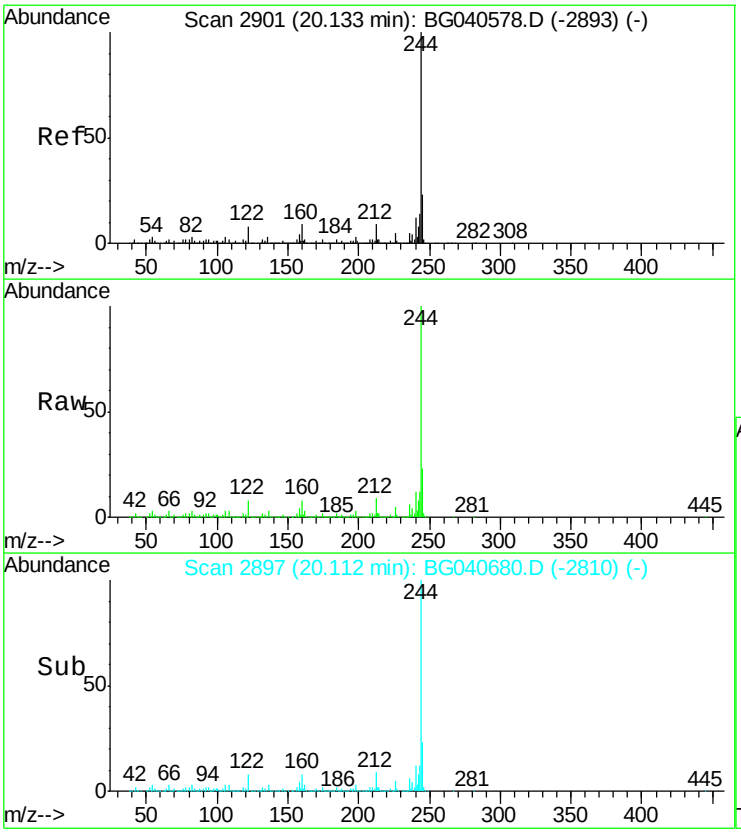
#77
Benzidine
Concen: 3.379 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.36 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 28244

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.8	17.8
183	9.2	10.2	15.2#

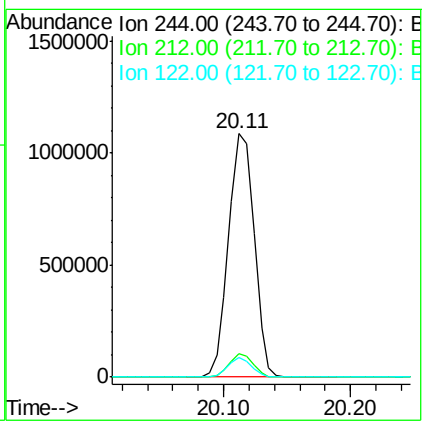


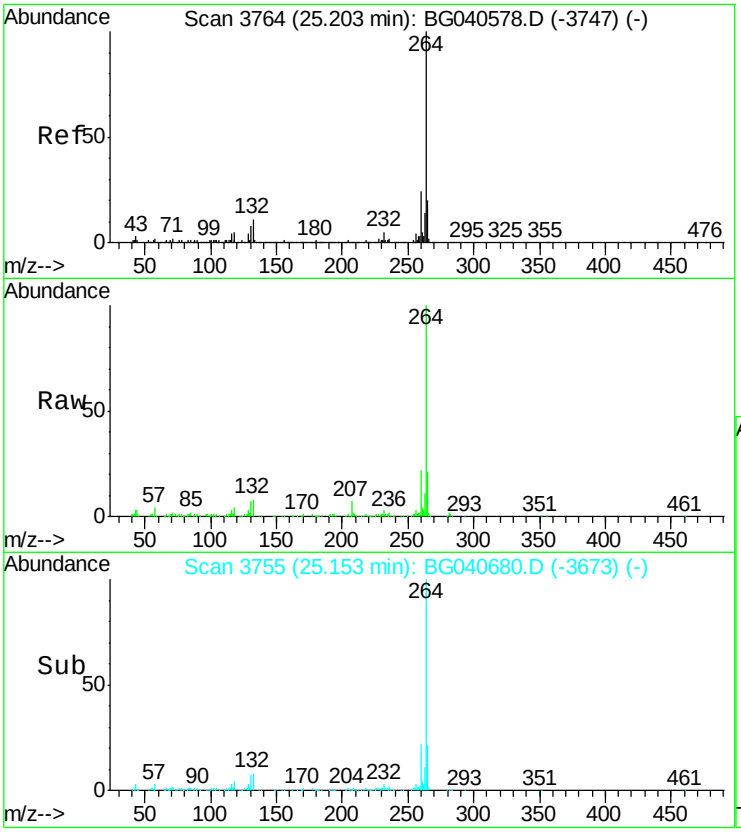


#79
Terphenyl-d14
Concen: 110.153 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Tgt Ion:244 Resp: 1517972

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.2	10.8
122	7.8	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040680.D
Acq: 30 Apr 2019 20:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 316918

Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.2	28.8
265	20.9	16.6	25.0