Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
Data File : BG040782.D
Acq On : 8 May 2019 00:52
Operator : HP/JU
Sample : PB119477BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119477BL

Quant Time: May 08 03:56:55 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	8.14	152	44452	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	184193	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	136952	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	373933	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	375607	20.00	ng	-0.03
87) Perylene-d12	25.15	264	302803	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	413428	163.95	ng	-0.01
7) Phenol-d6	7.28	99	593924	152.97	ng	-0.01
23) Nitrobenzene-d5	9.32	82	420945	105.60	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	287221	152.58	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	946149	99.77	ng	-0.02
79) Terphenyl-d14	20.11	244	1843675	108.74	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.28	77	938	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.32	70	60168	17.215	ng	# 76
51) 2,6-Dinitrotoluene	14.77	165	17194	7.688	ng	# 15
57) 2,4-Dinitrotoluene	14.77	165	17194	5.658	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.24	198	343	7.260	ng	# 58
67) 4-Bromophenyl-phenylether	16.26	248	19634	4.215	ng	# 1
77) Benzidine	20.11	184	33544	3.262	ng	# 88

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

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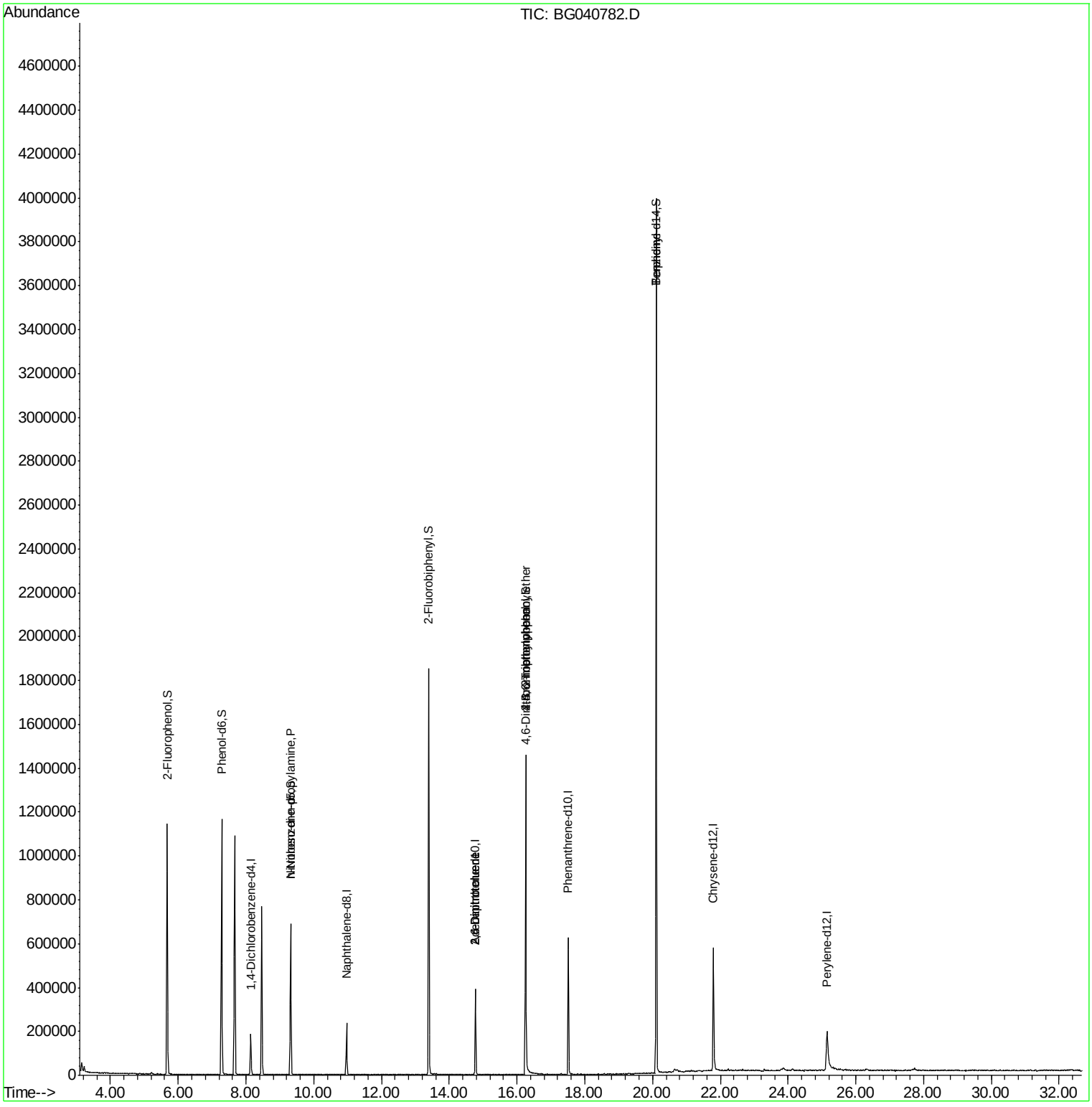
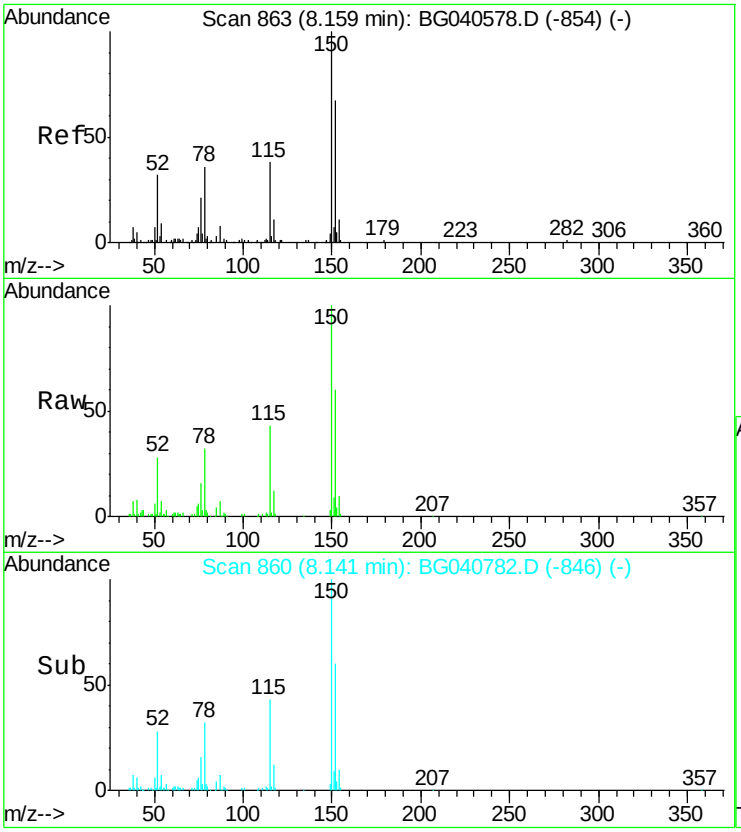


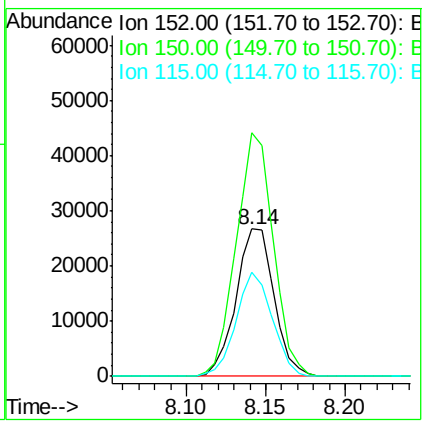


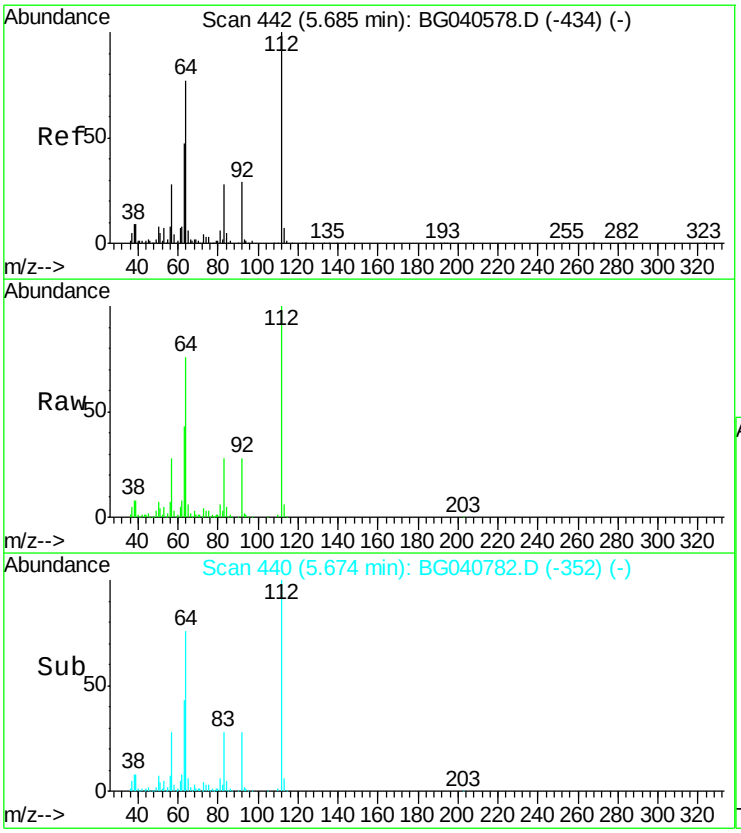
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Instrument :
BNA_G
ClientSampleId :
PB119477BL

Tgt Ion:152 Resp: 44452

Ion	Ratio	Lower	Upper
152	100		
150	165.3	120.2	180.2
115	70.4	46.2	69.2#

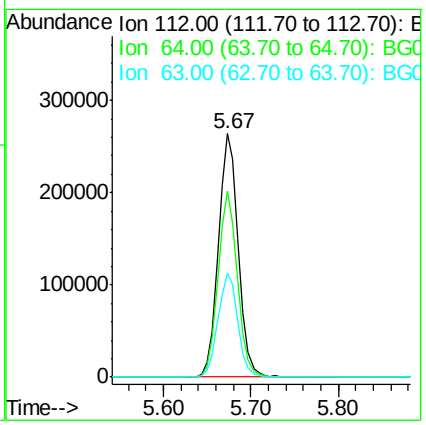


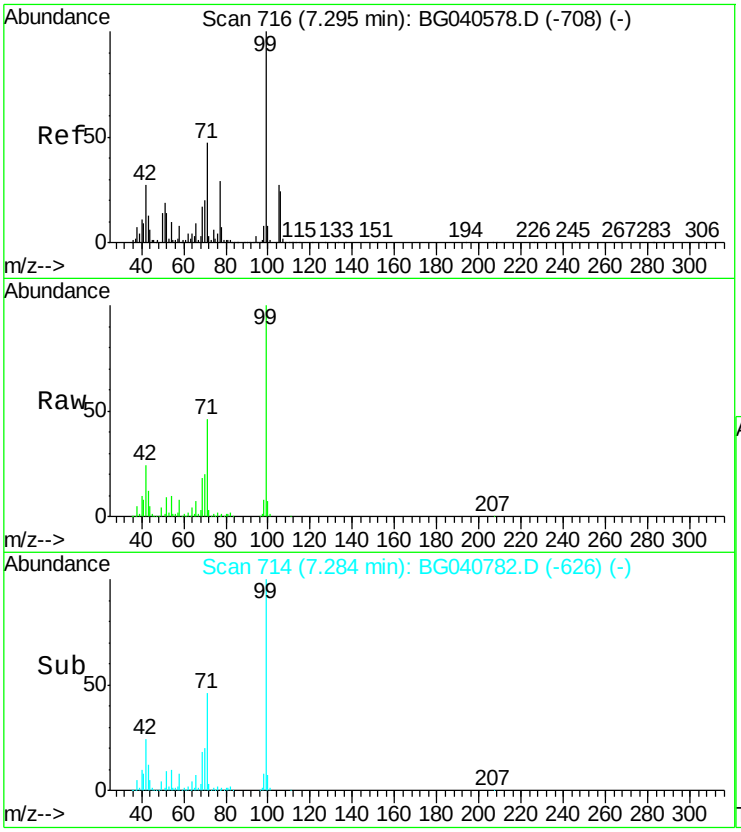


#5
2-Fluorophenol
Concen: 163.947 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Tgt Ion:112 Resp: 413428

Ion	Ratio	Lower	Upper
112	100		
64	76.2	61.4	92.0
63	42.8	37.8	56.6



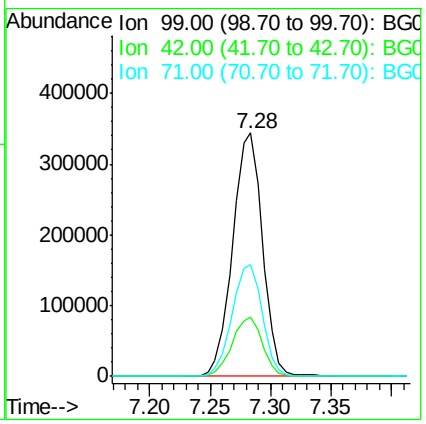


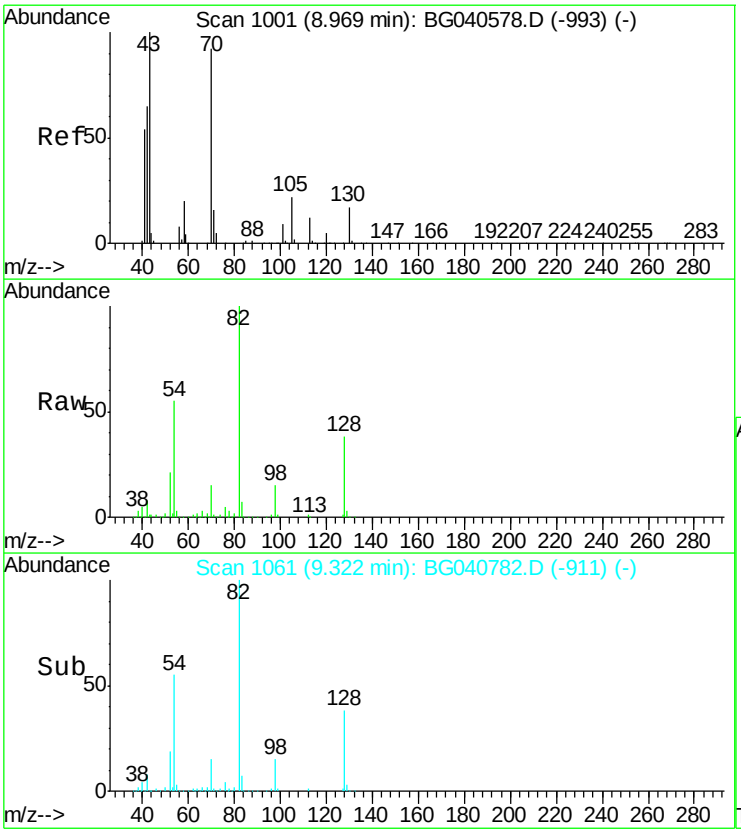
#7
Phenol-d6
Concen: 152.965 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Instrument :
BNA_G
ClientSampleId :
PB119477BL

Tgt Ion: 99 Resp: 593924

Ion	Ratio	Lower	Upper
99	100		
42	24.5	21.8	32.8
71	46.0	38.6	57.8

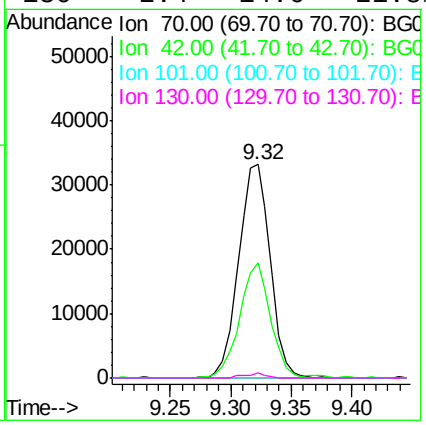


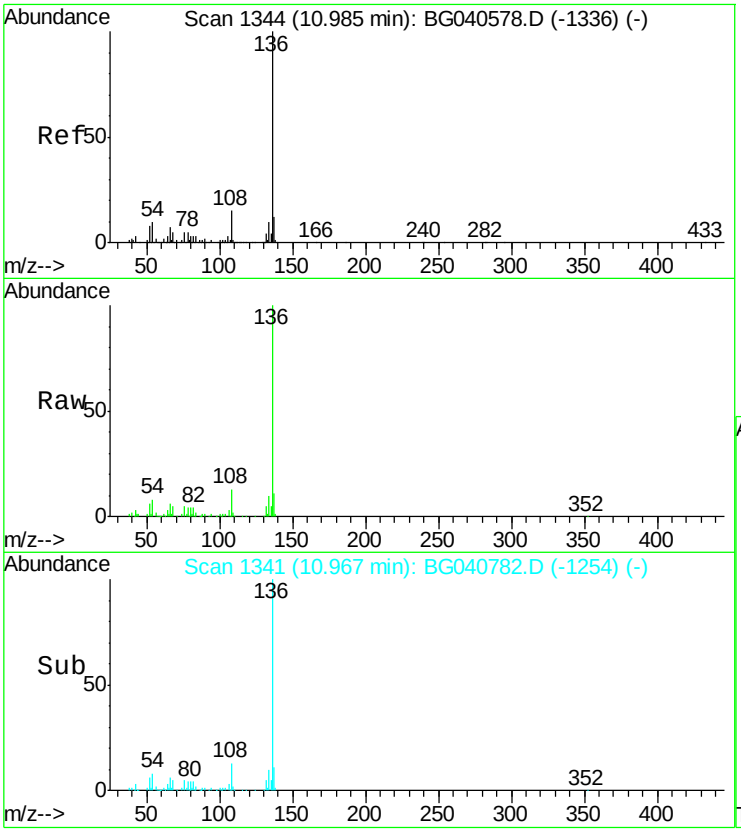


#19
n-Nitroso-di-n-propylamine
Concen: 17.215 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Tgt Ion: 70 Resp: 60168

Ion	Ratio	Lower	Upper
70	100		
42	54.1	57.1	85.7#
101	0.0	7.8	11.8#
130	2.4	14.6	21.8#



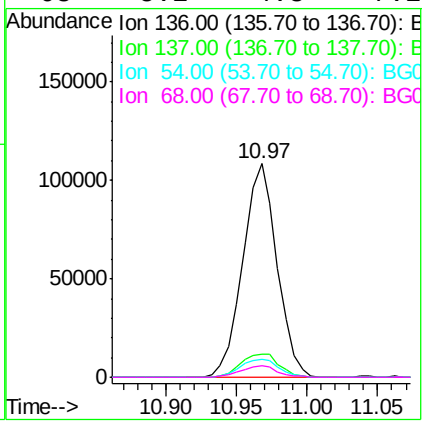


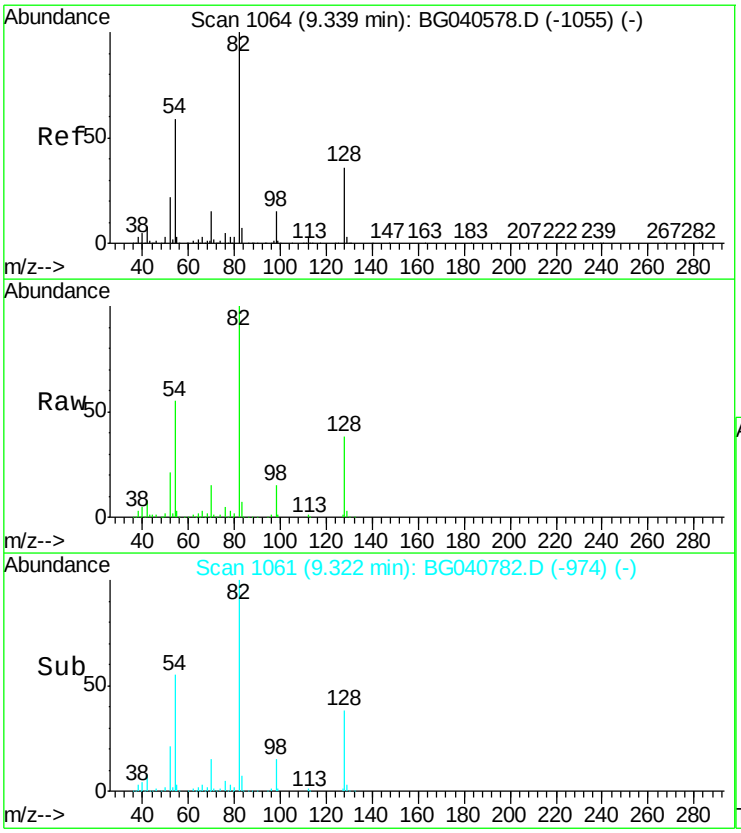
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Instrument :
BNA_G
ClientSampleId :
PB119477BL

Tgt Ion:136 Resp: 184193

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.7	14.5
54	8.4	8.6	12.8#
68	5.2	4.8	7.2

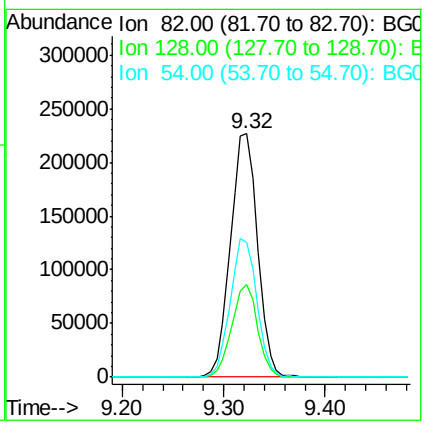


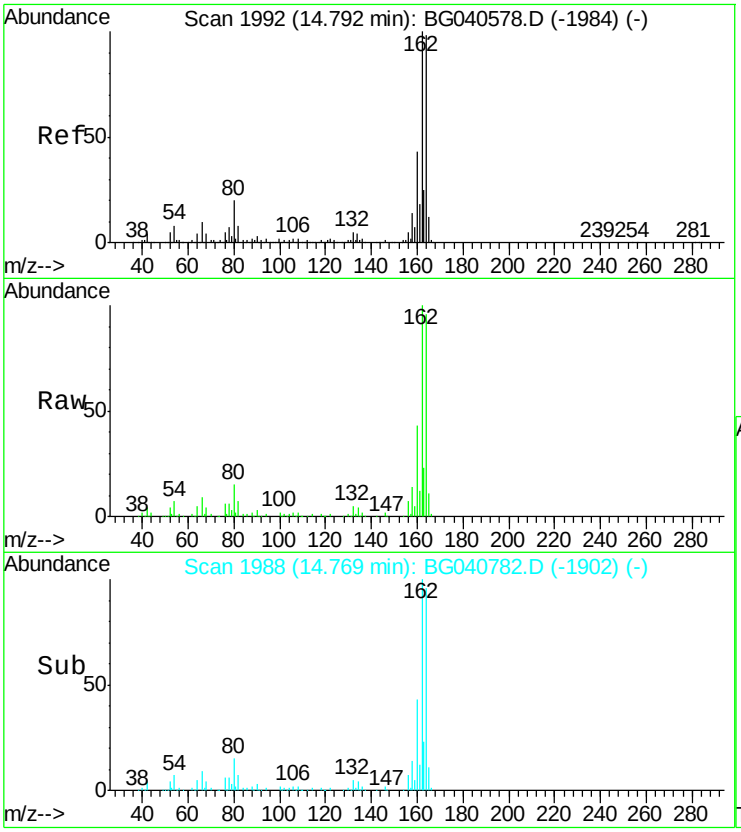


#23
Nitrobenzene-d5
Concen: 105.597 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Tgt Ion: 82 Resp: 420945

Ion	Ratio	Lower	Upper
82	100		
128	37.9	28.9	43.3
54	55.4	47.2	70.8



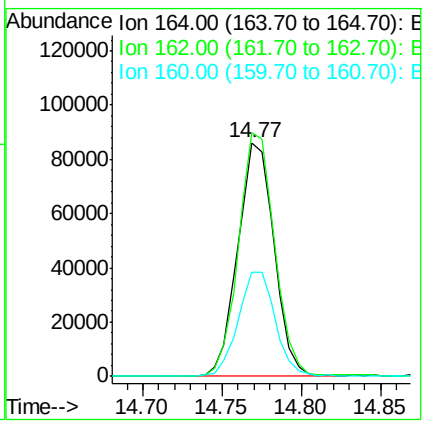


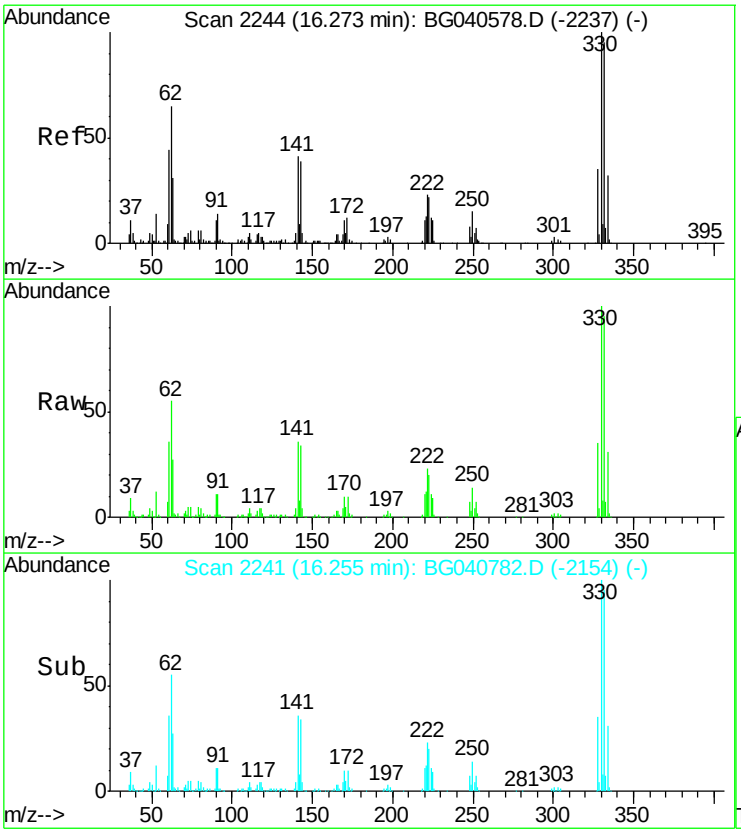
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Instrument :
BNA_G
ClientSampleId :
PB119477BL

Tgt Ion:164 Resp: 136952

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.9	122.9
160	44.5	35.4	53.2

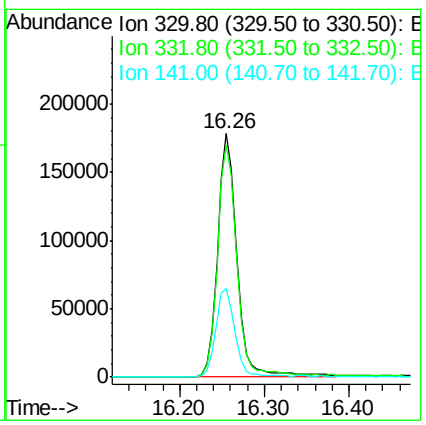


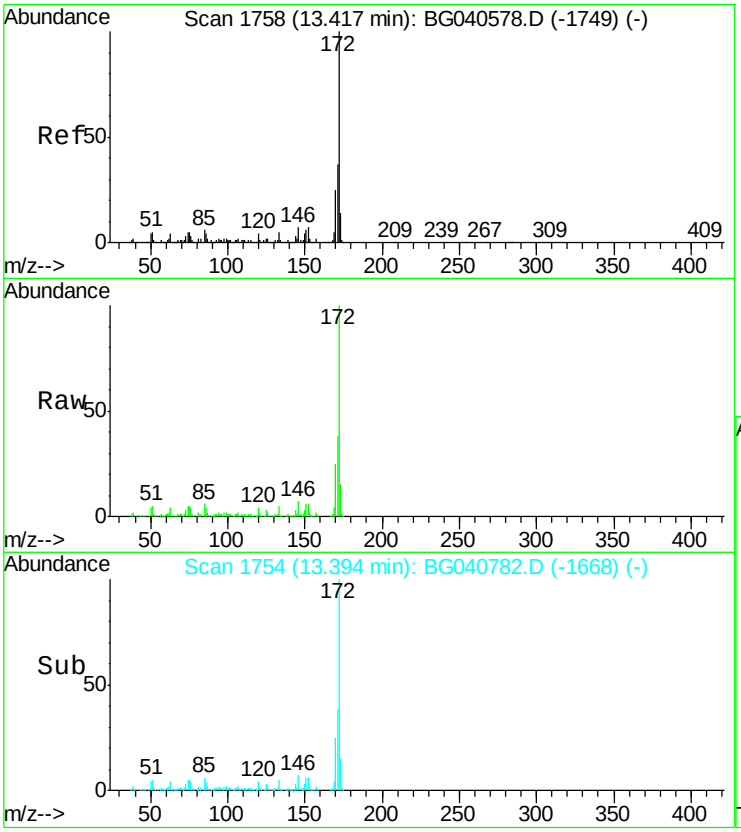


#42
2,4,6-Tribromophenol
Concen: 152.579 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Tgt Ion:330 Resp: 287221

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.9	113.9
141	36.4	32.4	48.6



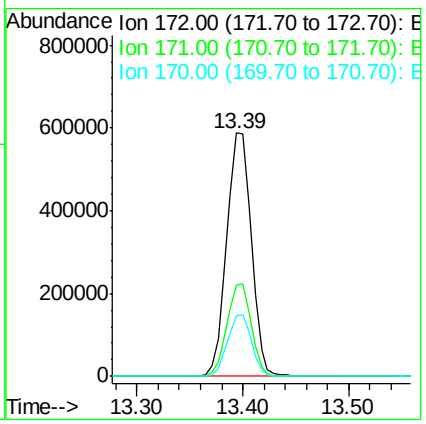


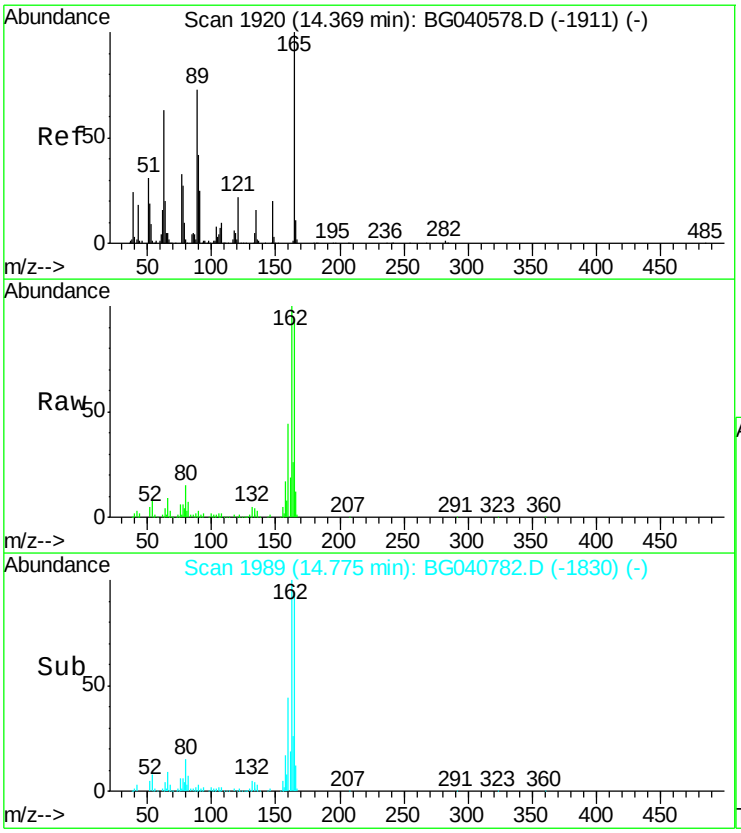
#45
2-Fluorobiphenyl
Concen: 99.774 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Instrument :
BNA_G
ClientSampleId :
PB119477BL

Tgt Ion:172 Resp: 946149

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.4	44.2
170	24.9	19.9	29.9

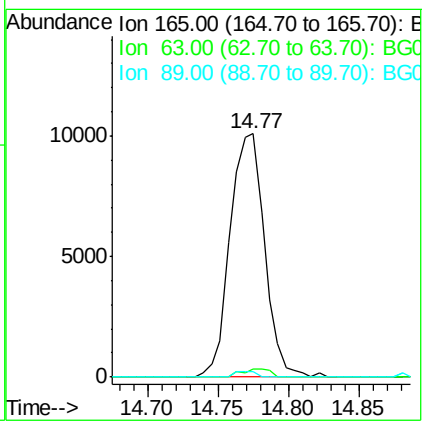


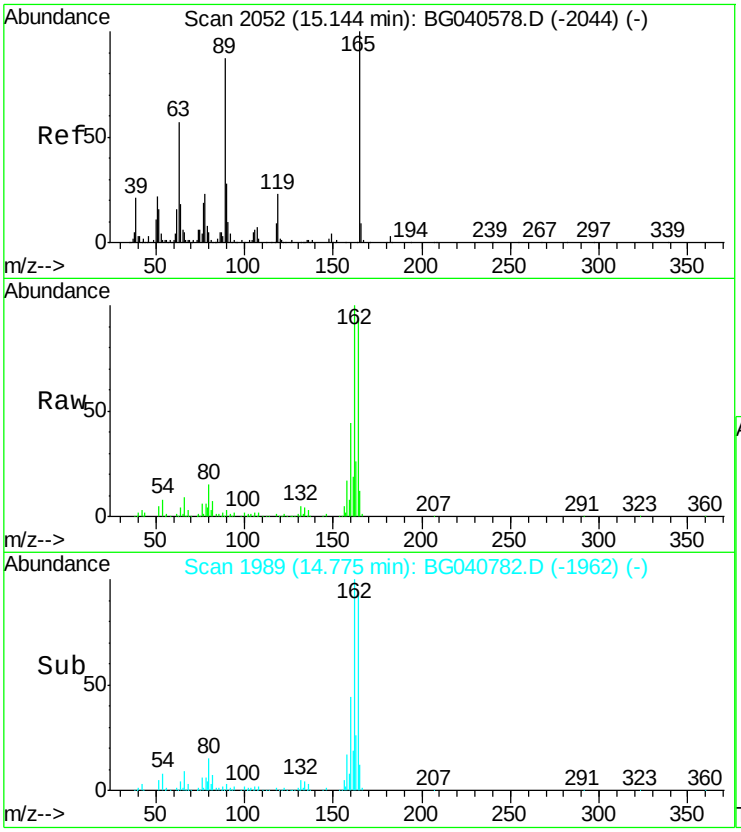


#51
2,6-Dinitrotoluene
Concen: 7.688 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.41 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Tgt Ion:165 Resp: 17194

Ion	Ratio	Lower	Upper
165	100		
63	3.1	61.0	91.4#
89	2.0	58.6	87.8#



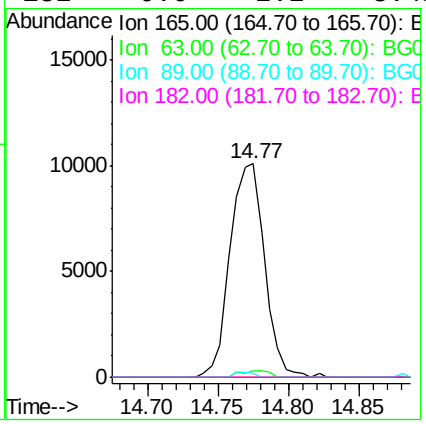


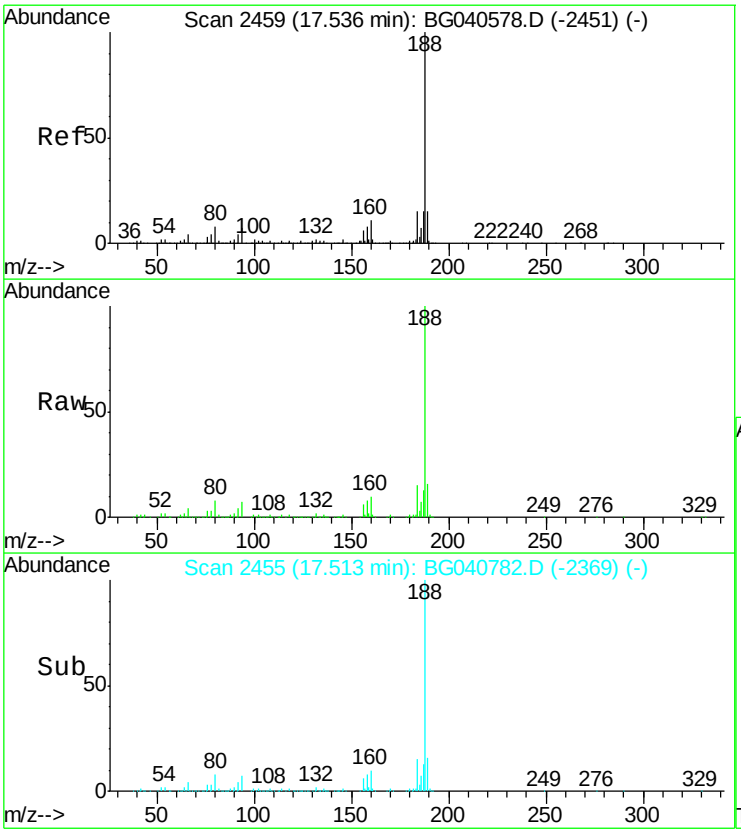
#57
2,4-Dinitrotoluene
Concen: 5.658 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.37 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Instrument :
BNA_G
ClientSampleId :
PB119477BL

Tgt Ion:165 Resp: 17194

Ion	Ratio	Lower	Upper
165	100		
63	3.1	45.8	68.8#
89	2.0	69.4	104.2#
182	0.0	2.2	3.4#

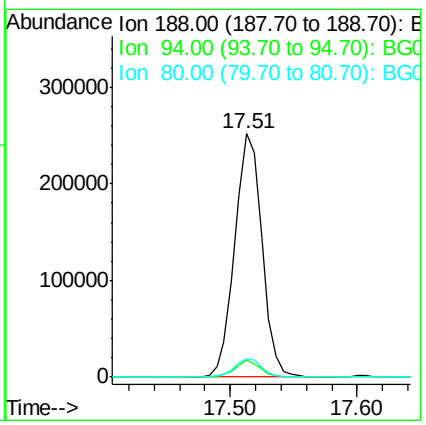


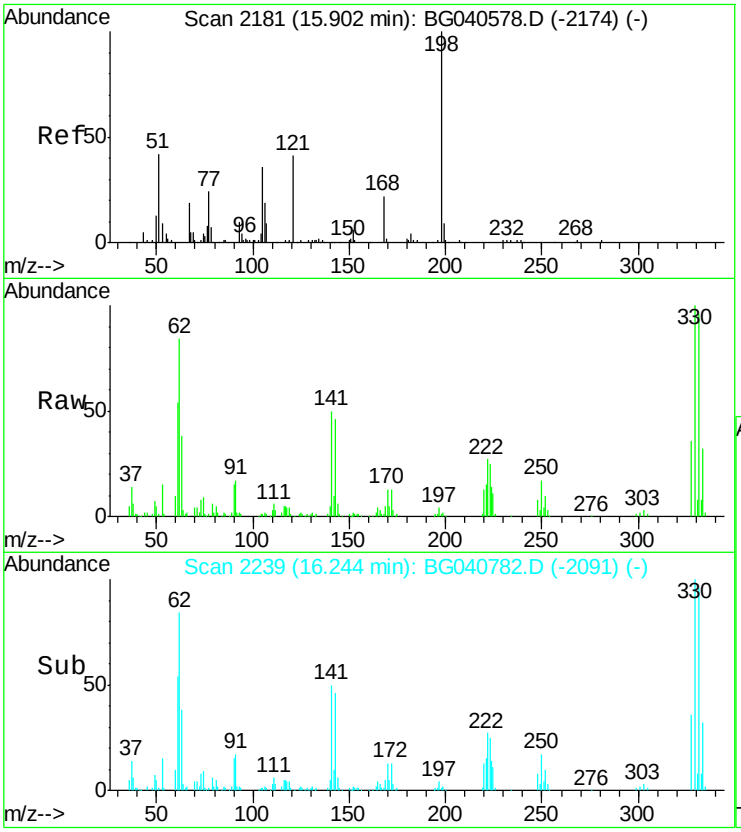


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Tgt Ion:188 Resp: 373933

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.6	8.4
80	7.7	6.4	9.6



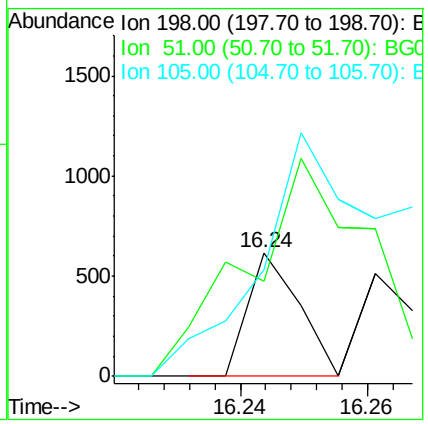


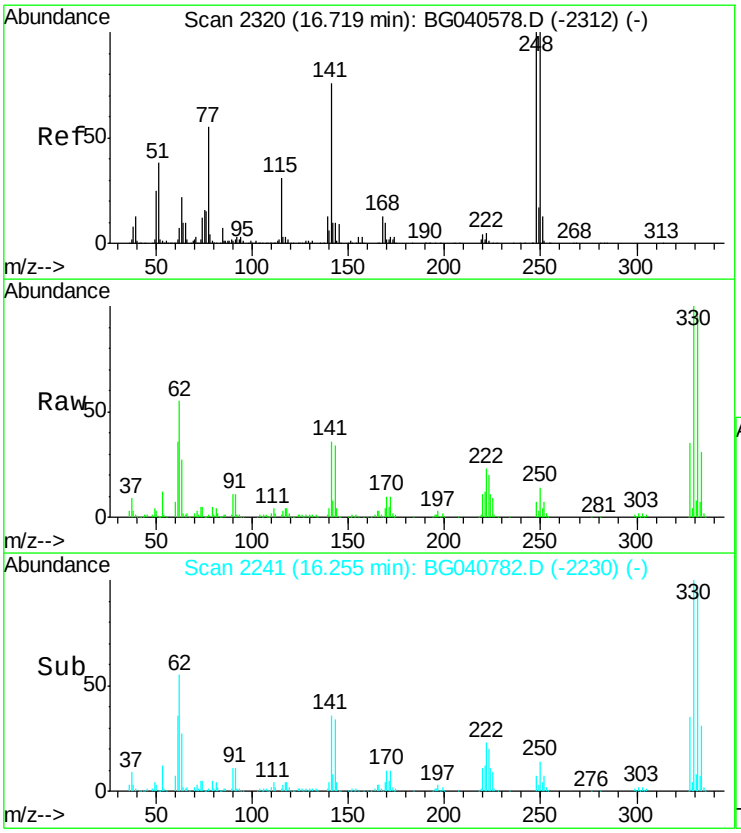
#65
4,6-Dinitro-2-methylphenol
Concen: 7.260 ng
RT: 16.24 min Scan# 2239
Delta R.T. 0.34 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Instrument :
BNA_G
ClientSampleId :
PB119477BL

Tgt Ion:198 Resp: 343

Ion	Ratio	Lower	Upper
198	100		
51	19.5	35.9	75.9#
105	21.8	21.2	61.2

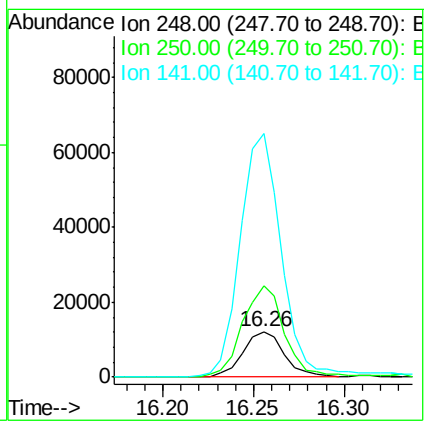


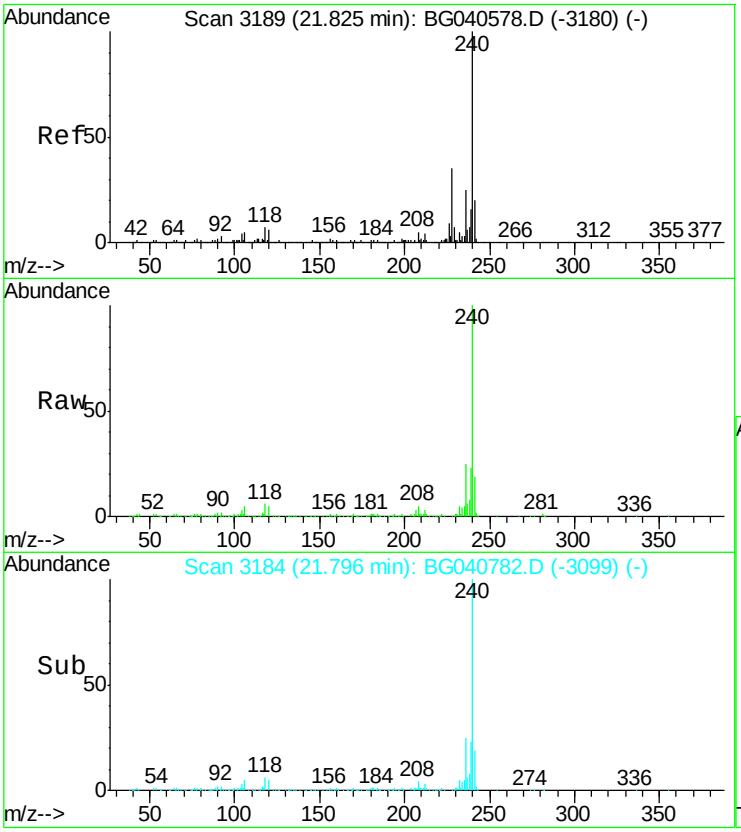


#67
4-Bromophenyl-phenylether
Concen: 4.215 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Tgt Ion:248 Resp: 19634

Ion	Ratio	Lower	Upper
248	100		
250	202.0	79.8	119.6#
141	537.6	60.8	91.2#



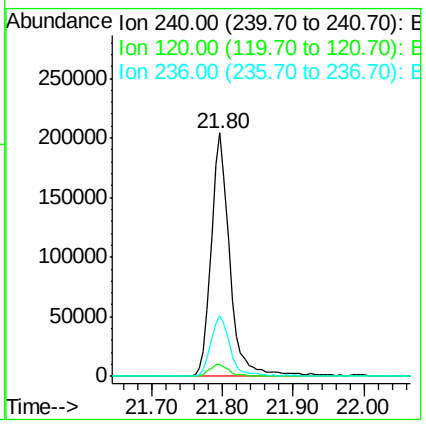


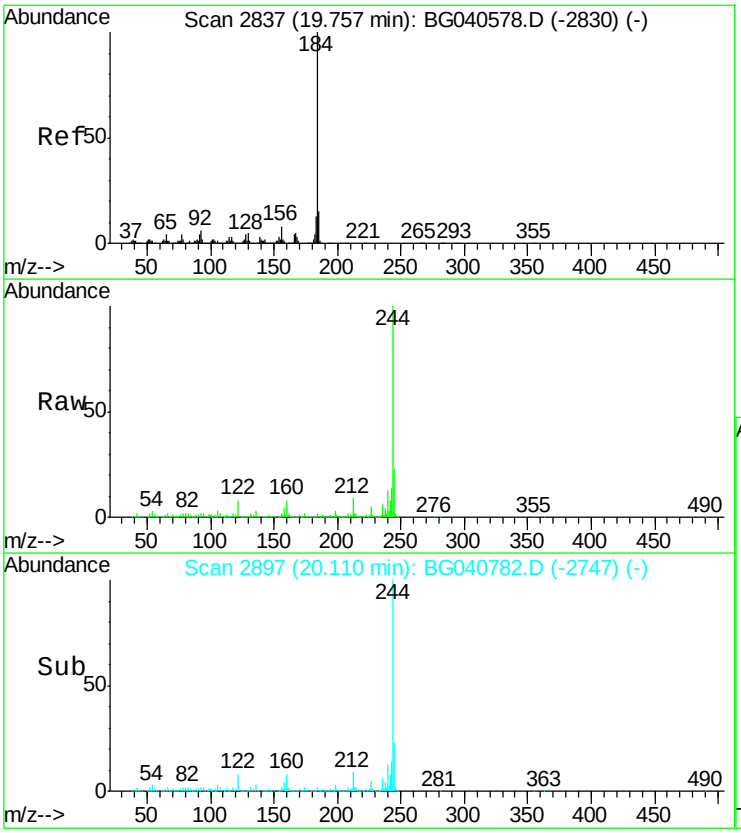
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Instrument :
BNA_G
ClientSampleId :
PB119477BL

Tgt Ion:240 Resp: 375607

Ion	Ratio	Lower	Upper
240	100		
120	4.9	5.0	7.6#
236	25.1	20.3	30.5

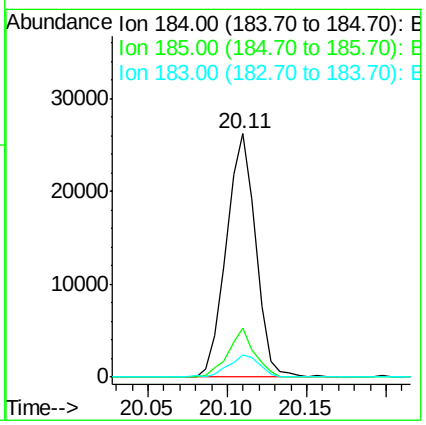


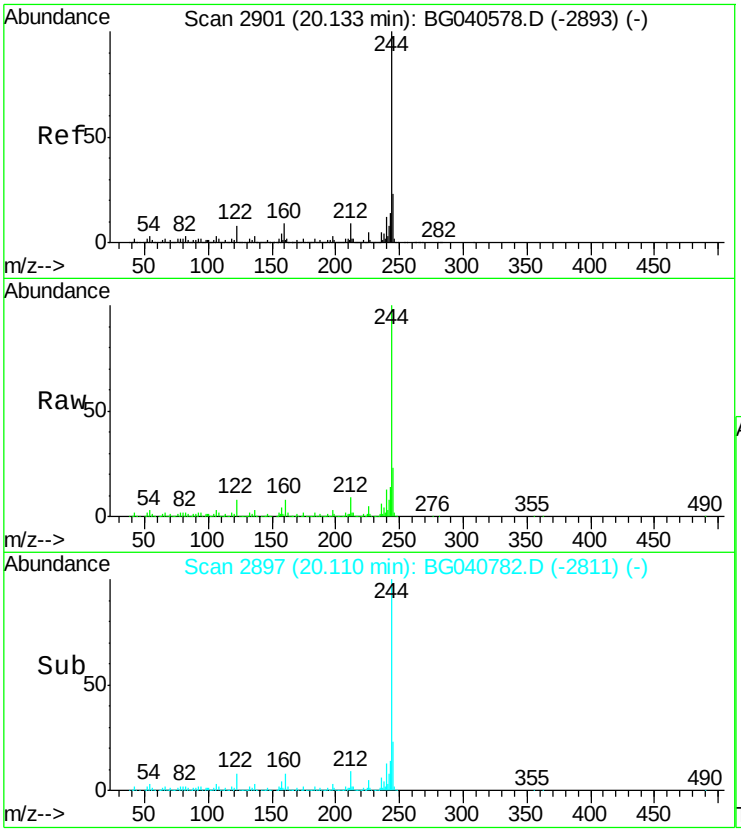


#77
Benzidine
Concen: 3.262 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Tgt Ion:184 Resp: 33544

Ion	Ratio	Lower	Upper
184	100		
185	20.2	11.8	17.8#
183	8.9	10.2	15.2#



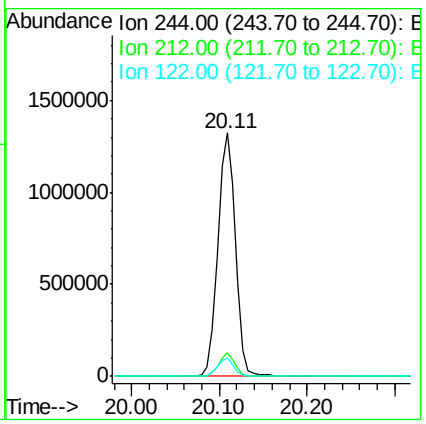


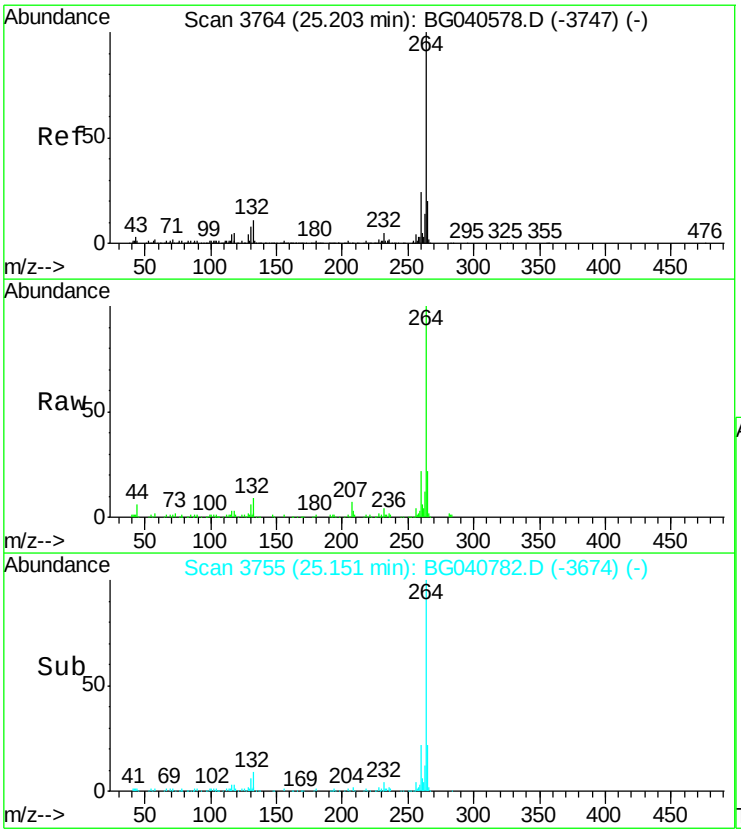
#79
Terphenyl-d14
Concen: 108.744 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040782.D
Acq: 8 May 2019 00:52

Instrument :
BNA_G
ClientSampleId :
PB119477BL

Tgt Ion:244 Resp: 1843675

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.2	10.8
122	7.6	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: BG040782.D
Acq: 8 May 2019 00:52

Tgt Ion:264 Resp: 302803

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.8	16.6	25.0