Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040879.D
Acq On : 11 May 2019 18:35
Operator : HP/JU
Sample : PB119607BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119607BL

Quant Time: May 12 04:59:28 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	8.13	152	48542	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	194478	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	147201	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	399255	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	445047	20.00	ng	-0.04
87) Perylene-d12	25.13	264	462171	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	350783	127.38	ng	-0.02
7) Phenol-d6	7.27	99	514783	121.41	ng	-0.02
23) Nitrobenzene-d5	9.31	82	347569	82.58	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	286290	141.50	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	821119	80.56	ng	-0.03
79) Terphenyl-d14	20.10	244	1682224	83.74	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	7.28	77	1205	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.31	70	49657	13.010	ng	# 68
51) 2,6-Dinitrotoluene	14.76	165	19377	8.061	ng	# 15
57) 2,4-Dinitrotoluene	14.76	165	19377	5.932	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.24	198	818	7.455	ng	# 17
67) 4-Bromophenyl-phenylether	16.25	248	20975	4.217	ng	# 1
77) Benzidine	20.10	184	30599	2.511	ng	# 90

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

Quantitation Report (Not Reviewed)

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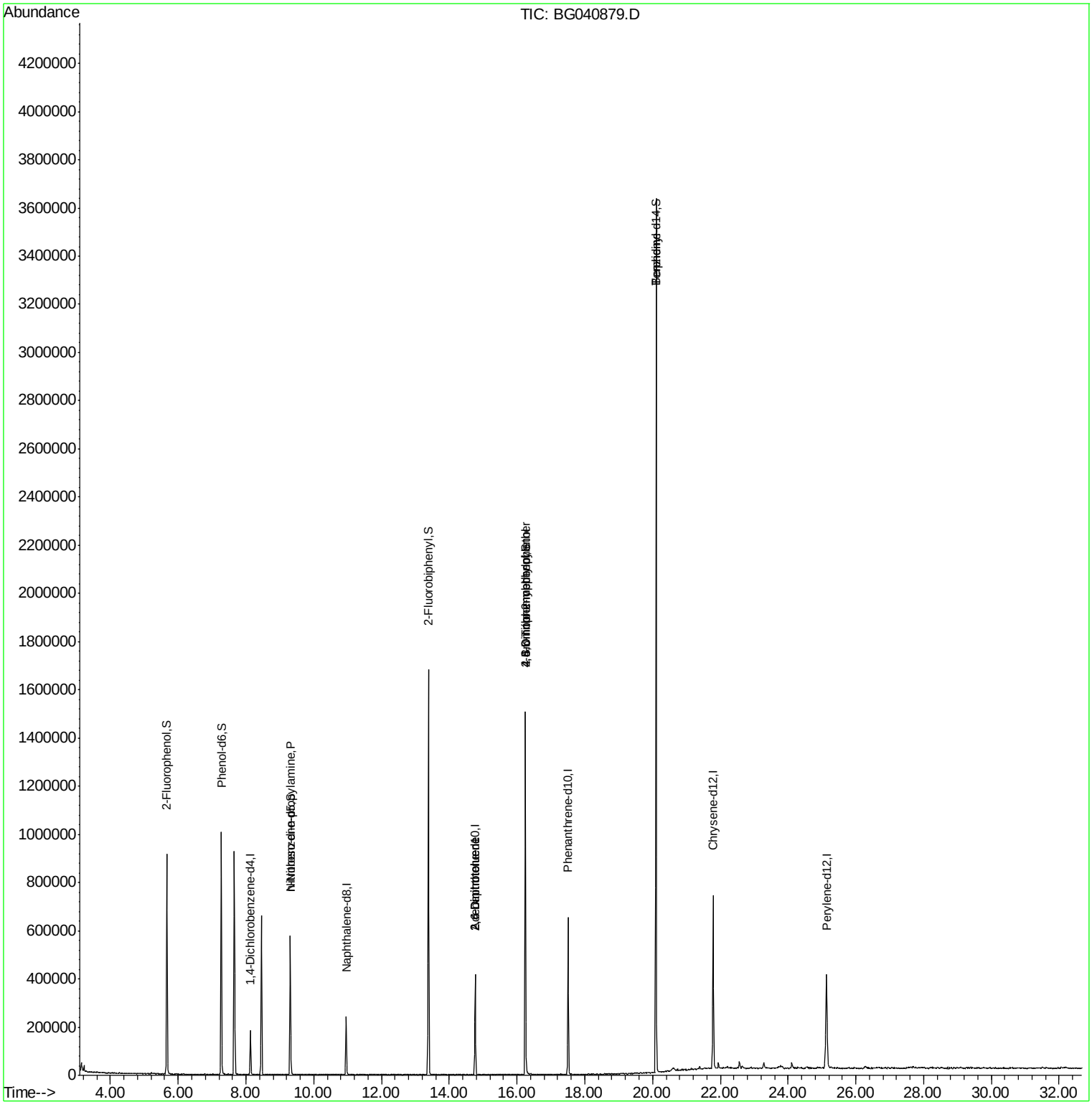
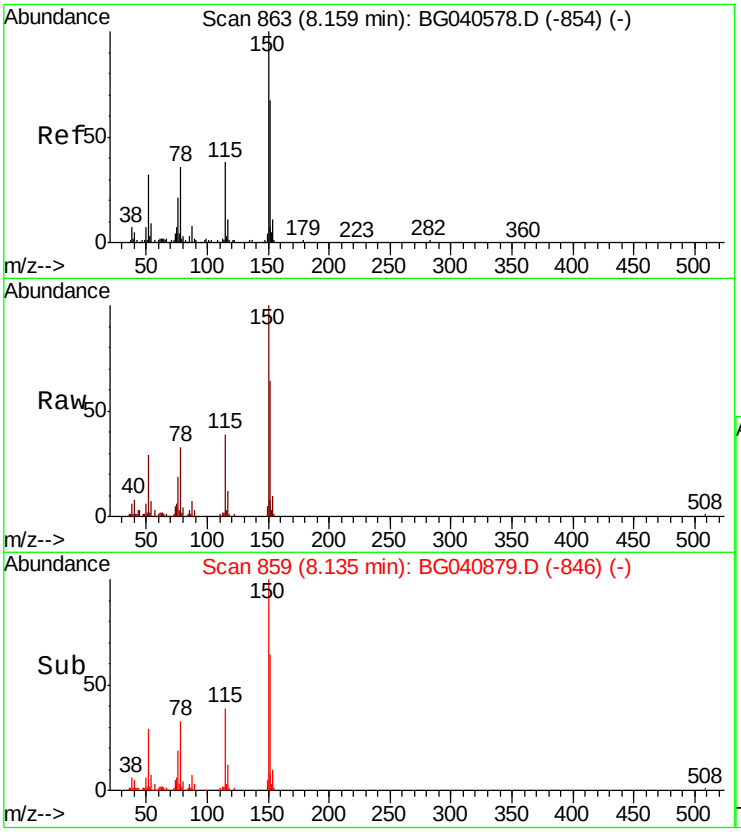


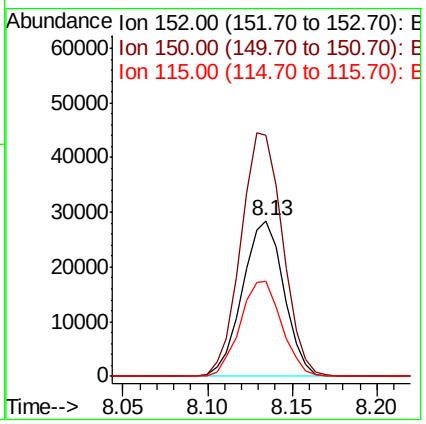


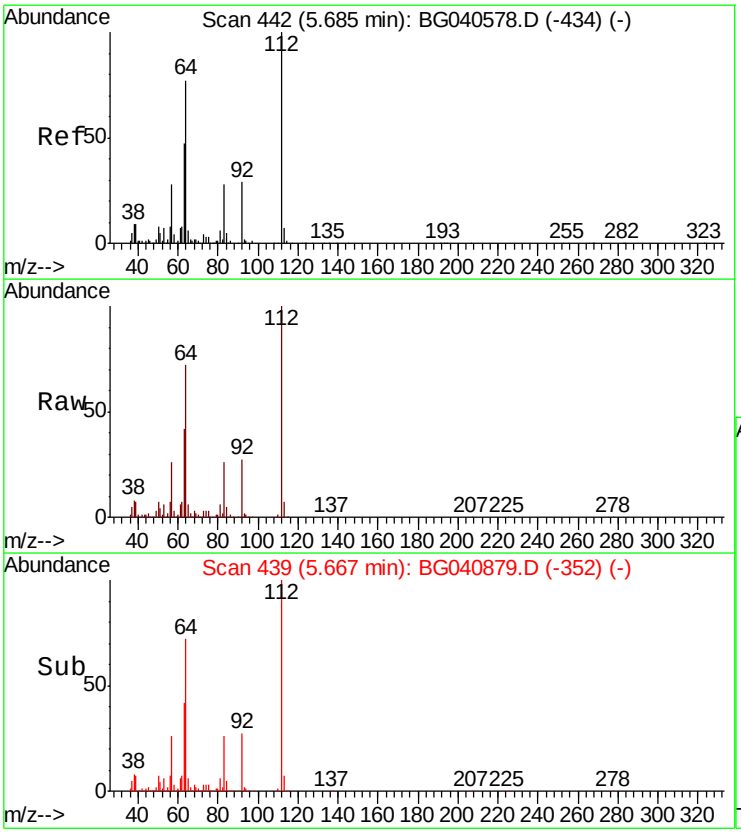
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB119607BL

Tgt Ion:152 Resp: 48542

Ion	Ratio	Lower	Upper
152	100		
150	155.3	120.2	180.2
115	60.8	46.2	69.2

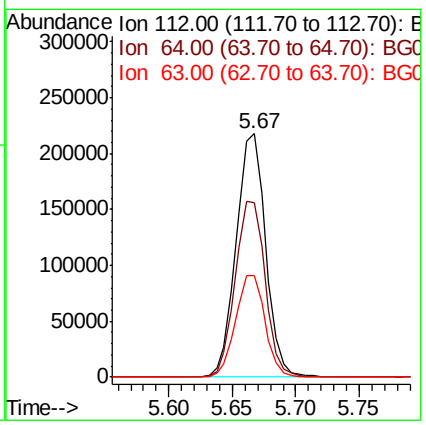


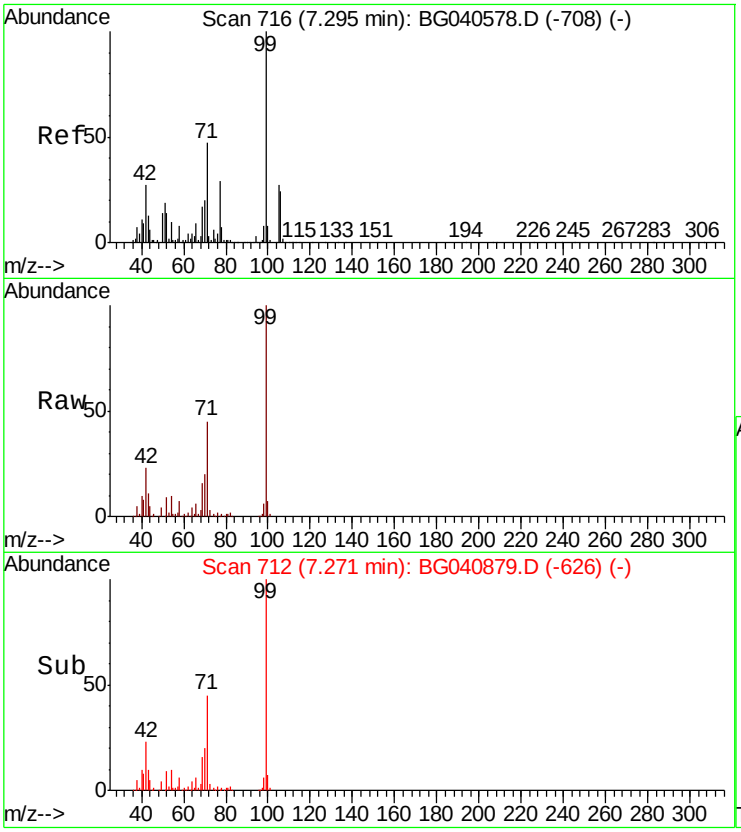


#5
2-Fluorophenol
Concen: 127.384 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.02 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Tgt Ion:112 Resp: 350783

Ion	Ratio	Lower	Upper
112	100		
64	71.9	61.4	92.0
63	41.8	37.8	56.6



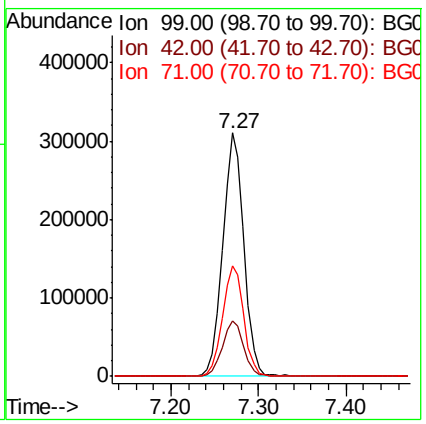


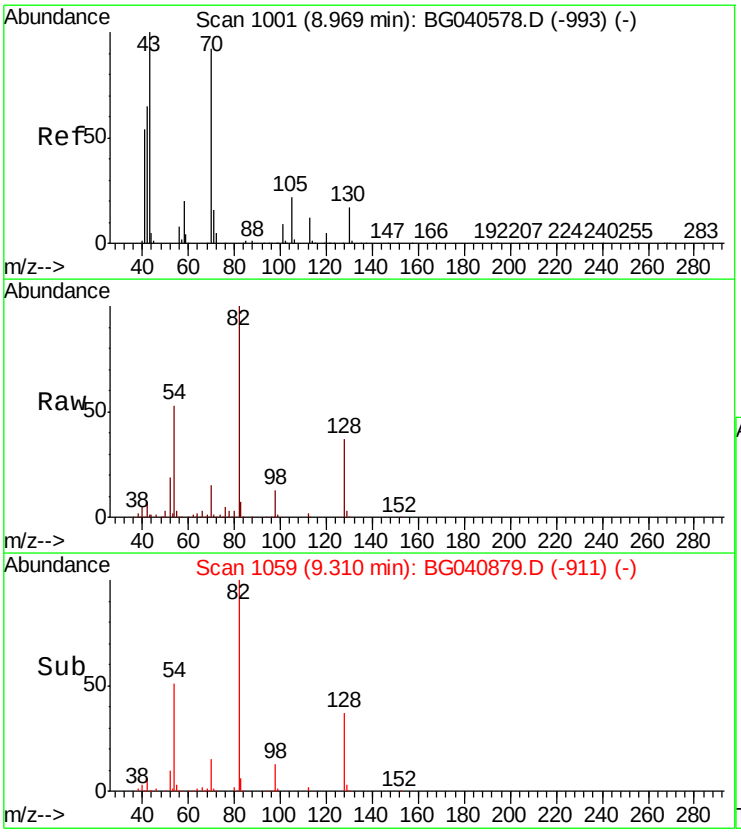
#7
Phenol-d6
Concen: 121.412 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.02 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB119607BL

Tgt Ion: 99 Resp: 514783

Ion	Ratio	Lower	Upper
99	100		
42	22.9	21.8	32.8
71	45.2	38.6	57.8

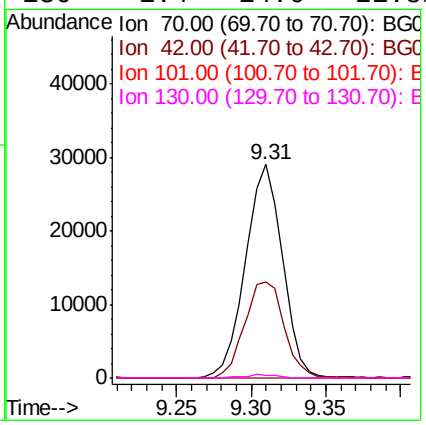


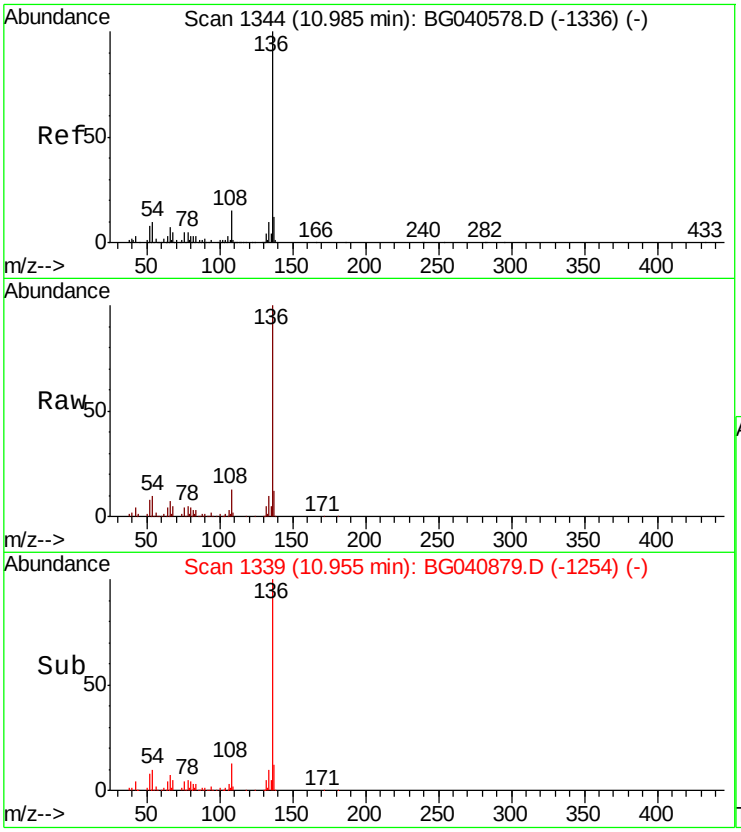


#19
n-Nitroso-di-n-propylamine
Concen: 13.010 ng
RT: 9.31 min Scan# 1059
Delta R.T. 0.34 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Tgt Ion: 70 Resp: 49657

Ion	Ratio	Lower	Upper
70	100		
42	45.1	57.1	85.7#
101	0.0	7.8	11.8#
130	1.4	14.6	21.8#



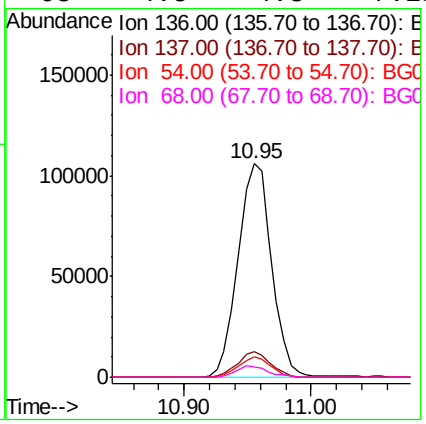


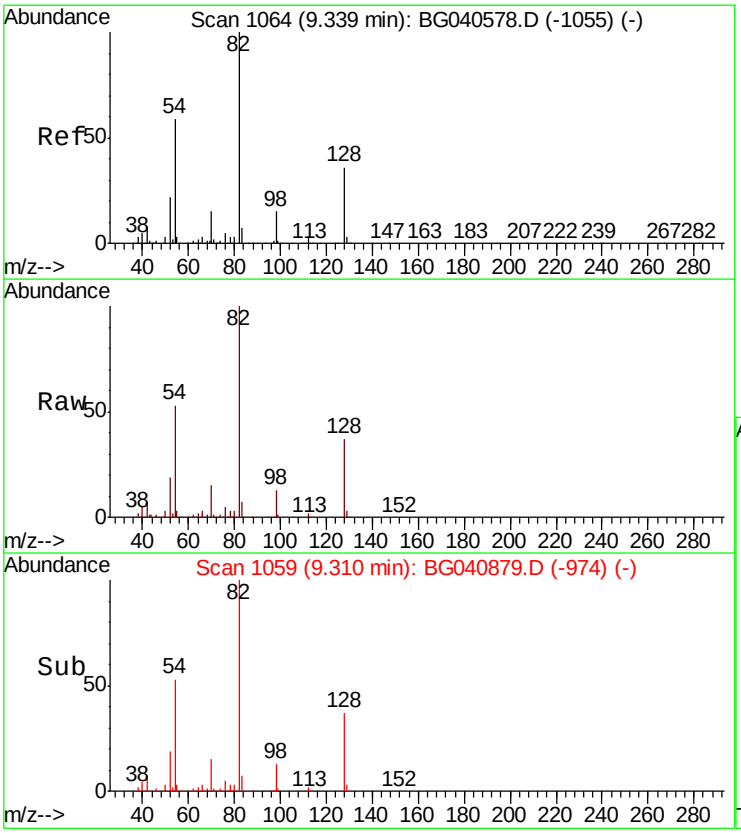
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB119607BL

Tgt Ion:136 Resp: 194478

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	9.6	8.6	12.8
68	4.5	4.8	7.2#

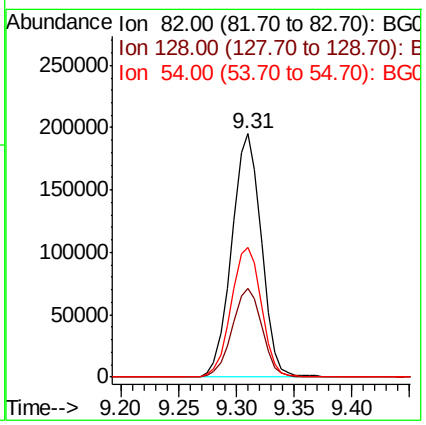


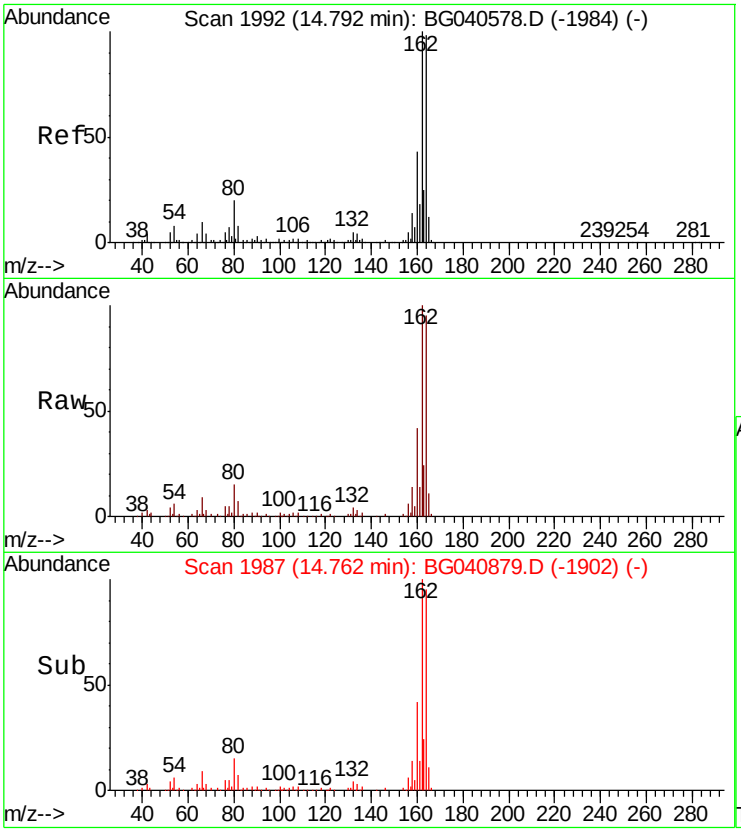


#23
Nitrobenzene-d5
Concen: 82.579 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Tgt Ion: 82 Resp: 347569

Ion	Ratio	Lower	Upper
82	100		
128	36.6	28.9	43.3
54	53.0	47.2	70.8



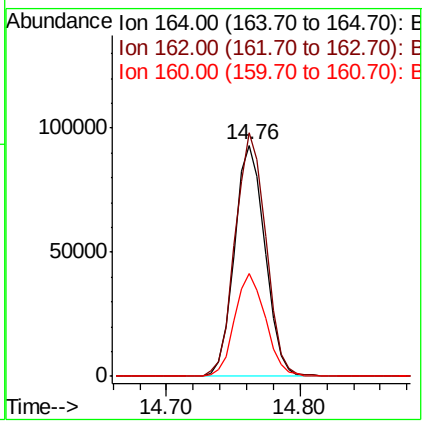


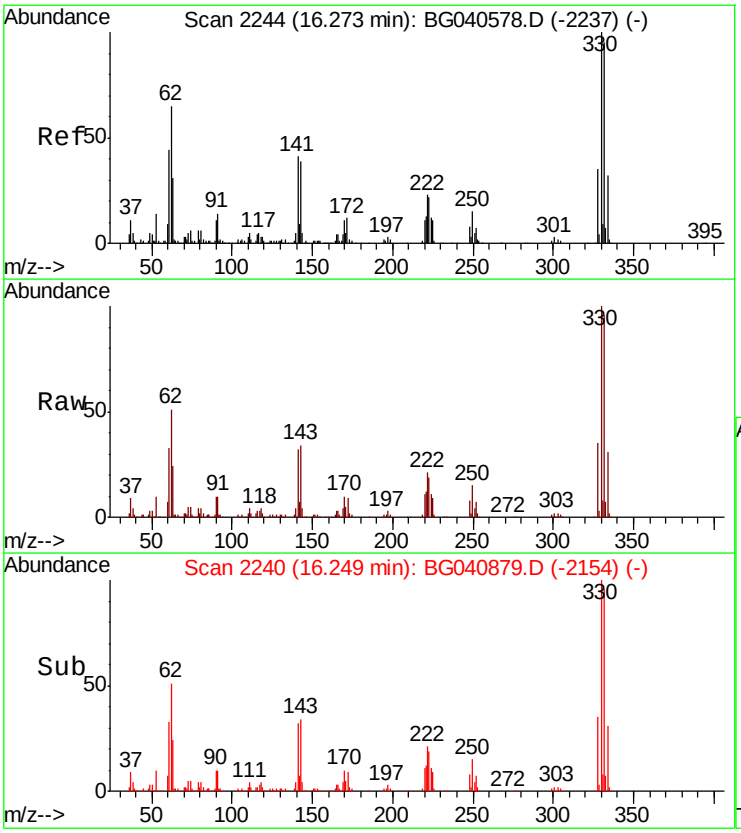
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB119607BL

Tgt Ion:164 Resp: 147201

Ion	Ratio	Lower	Upper
164	100		
162	105.3	81.9	122.9
160	44.4	35.4	53.2

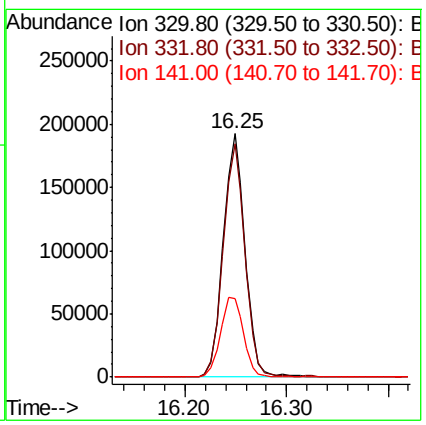


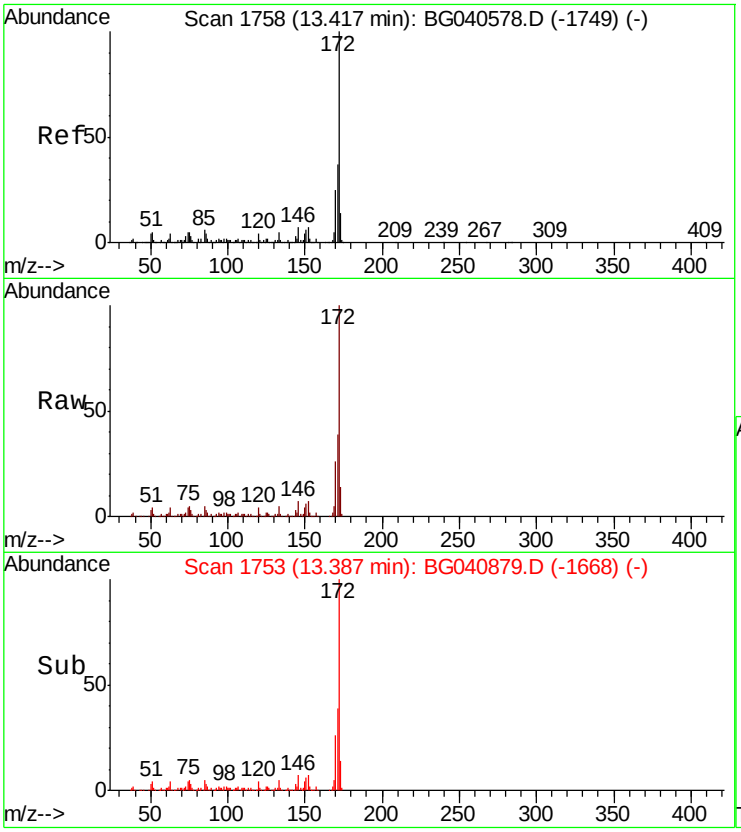


#42
2,4,6-Tribromophenol
Concen: 141.496 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Tgt Ion:330 Resp: 286290

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.9	113.9
141	34.5	32.4	48.6



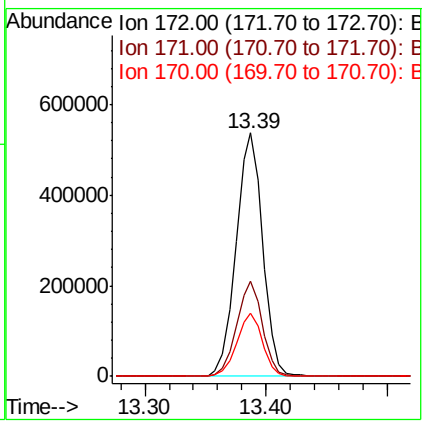


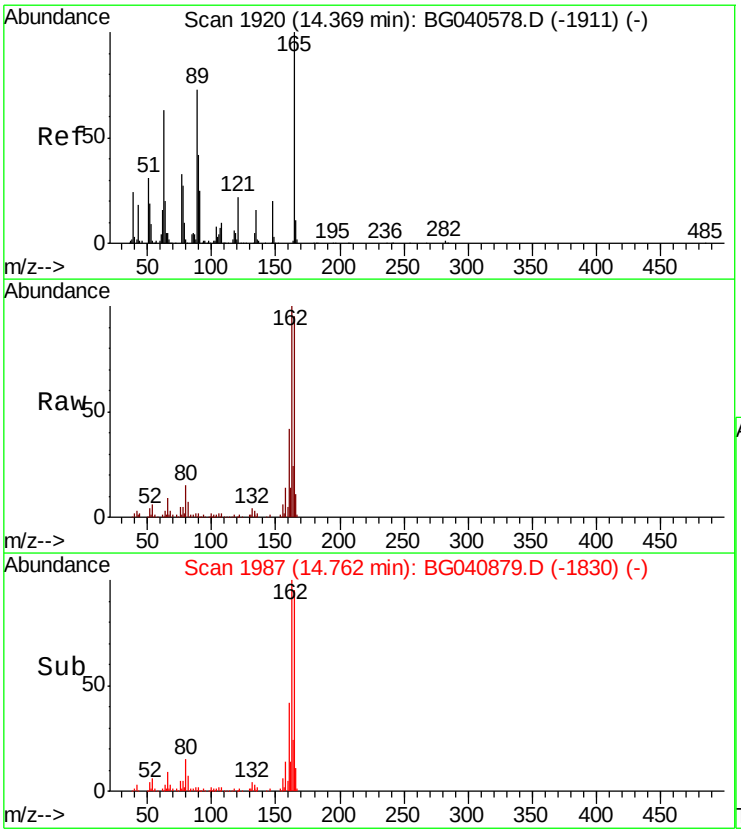
#45
2-Fluorobiphenyl
Concen: 80.561 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB119607BL

Tgt Ion:172 Resp: 821119

Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.4	44.2
170	25.8	19.9	29.9

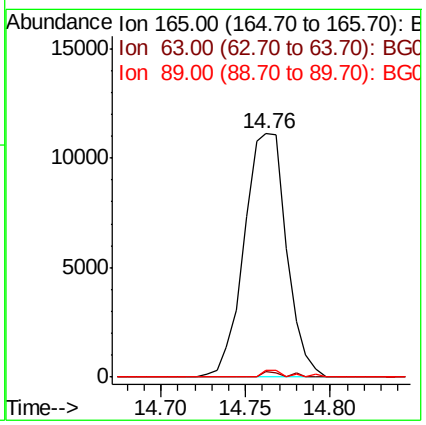


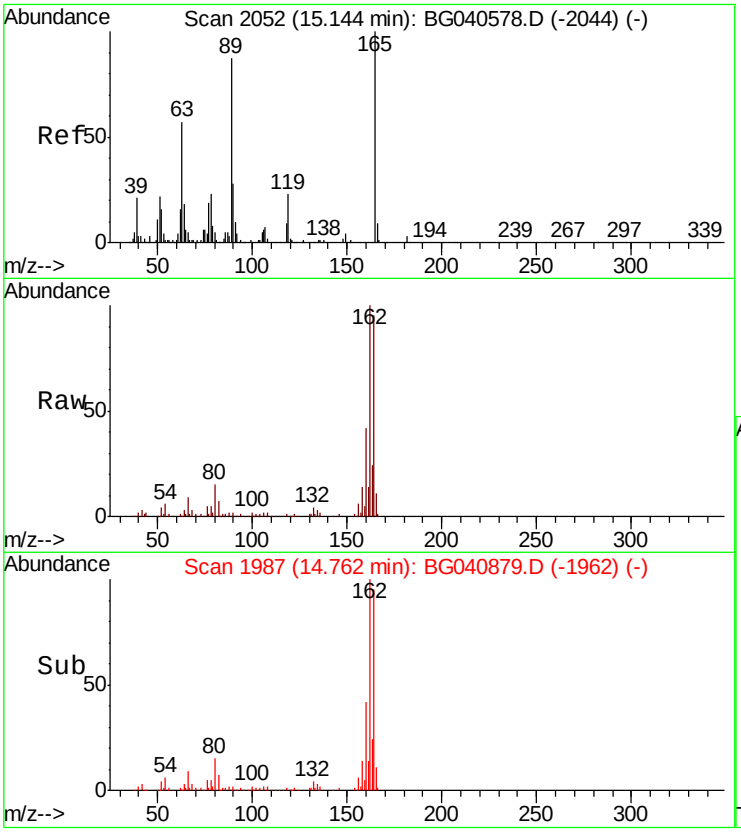


#51
2,6-Dinitrotoluene
Concen: 8.061 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.39 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Tgt Ion:165 Resp: 19377

Ion	Ratio	Lower	Upper
165	100		
63	2.3	61.0	91.4#
89	2.6	58.6	87.8#



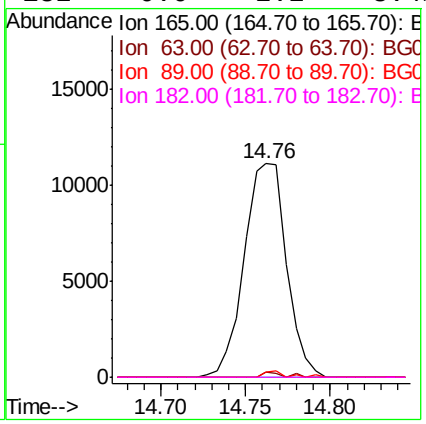


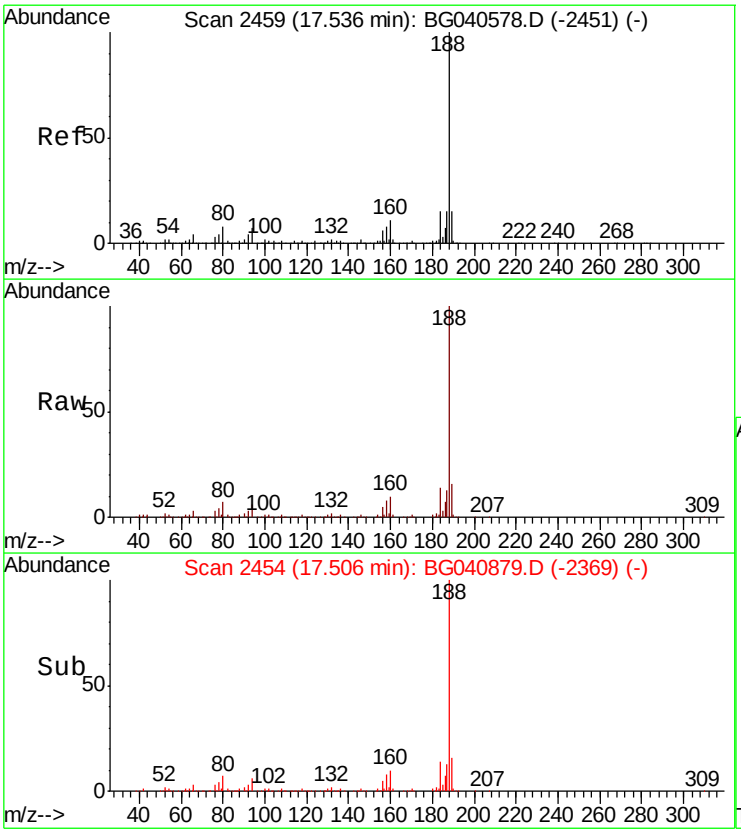
#57
2,4-Dinitrotoluene
Concen: 5.932 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.38 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB119607BL

Tgt Ion:165 Resp: 19377

Ion	Ratio	Lower	Upper
165	100		
63	2.3	45.8	68.8#
89	2.6	69.4	104.2#
182	0.0	2.2	3.4#

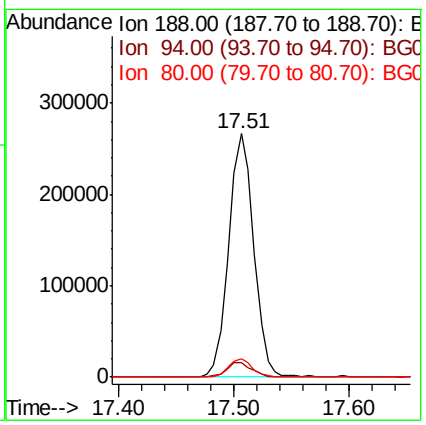


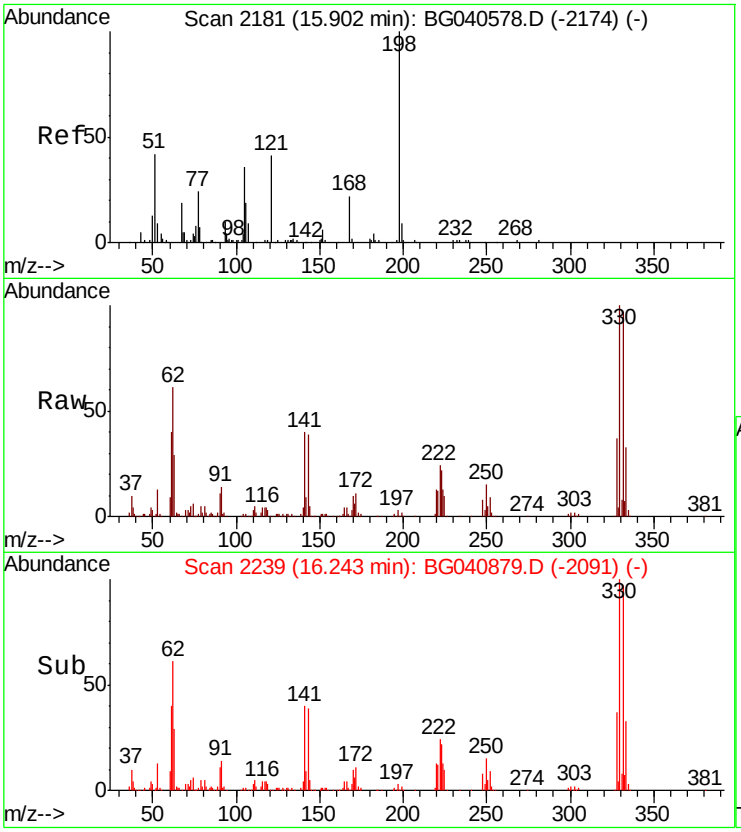


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Tgt Ion:188 Resp: 399255

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.6	8.4
80	7.4	6.4	9.6



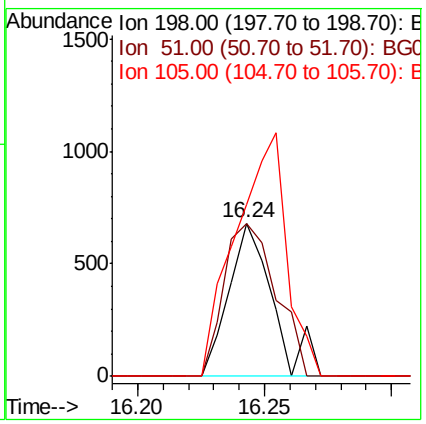


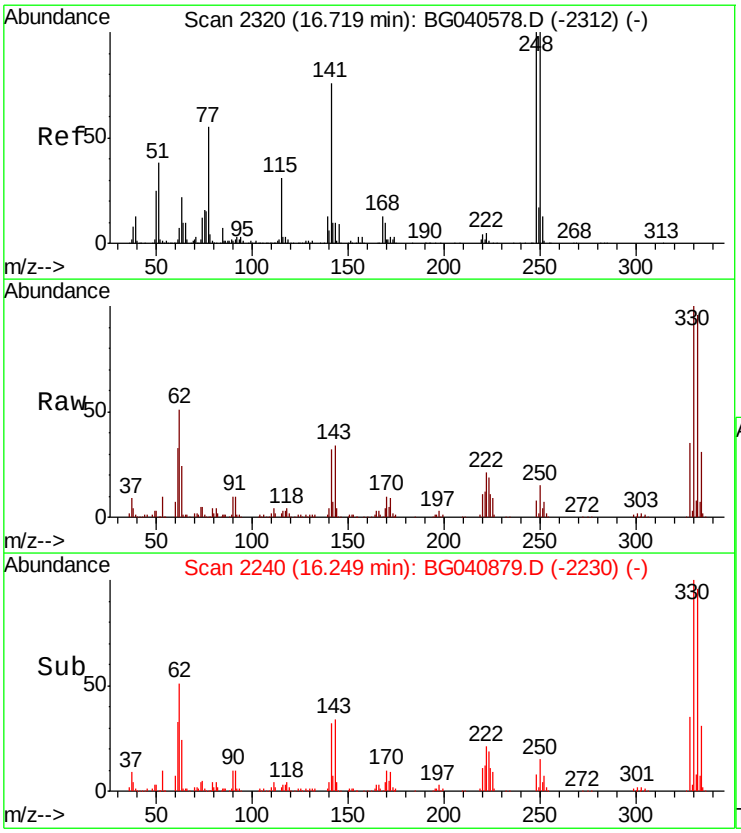
#65
4,6-Dinitro-2-methylphenol
Concen: 7.455 ng
RT: 16.24 min Scan# 2239
Delta R.T. 0.34 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB119607BL

Tgt Ion:198 Resp: 818

Ion	Ratio	Lower	Upper
198	100		
51	100.1	35.9	75.9#
105	112.2	21.2	61.2#

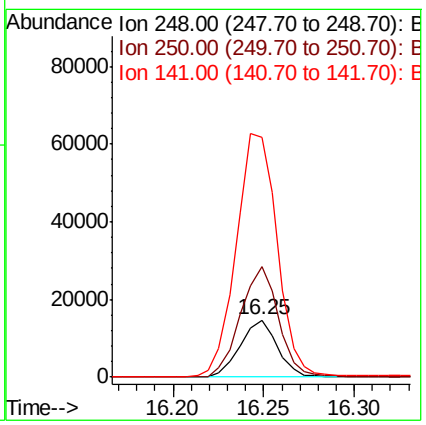


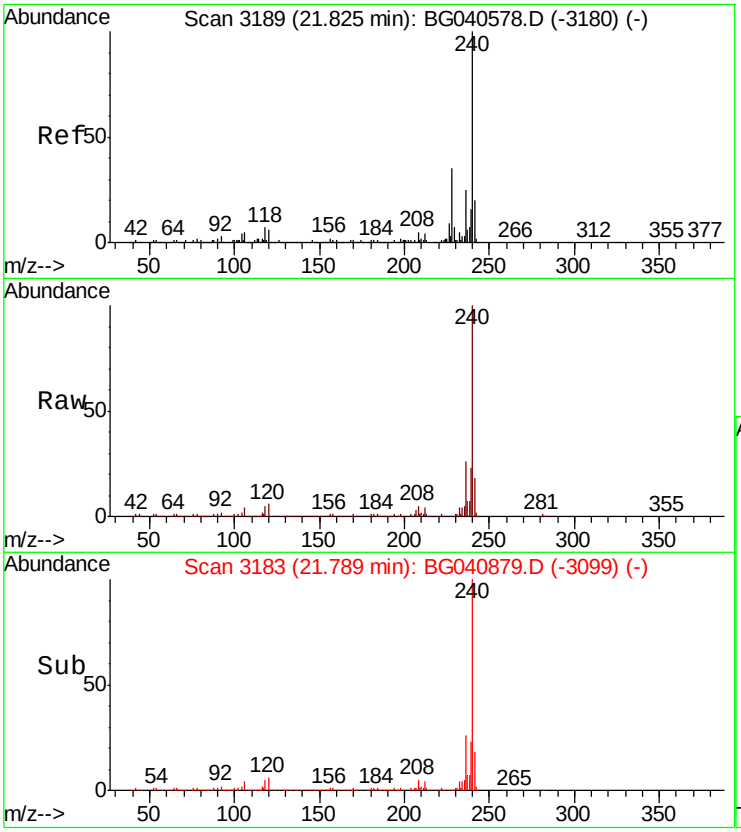


#67
4-Bromophenyl-phenylether
Concen: 4.217 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.47 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Tgt Ion:248 Resp: 20975

Ion	Ratio	Lower	Upper
248	100		
250	193.8	79.8	119.6#
141	421.7	60.8	91.2#



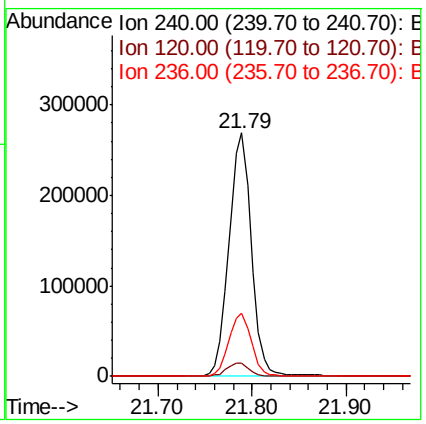


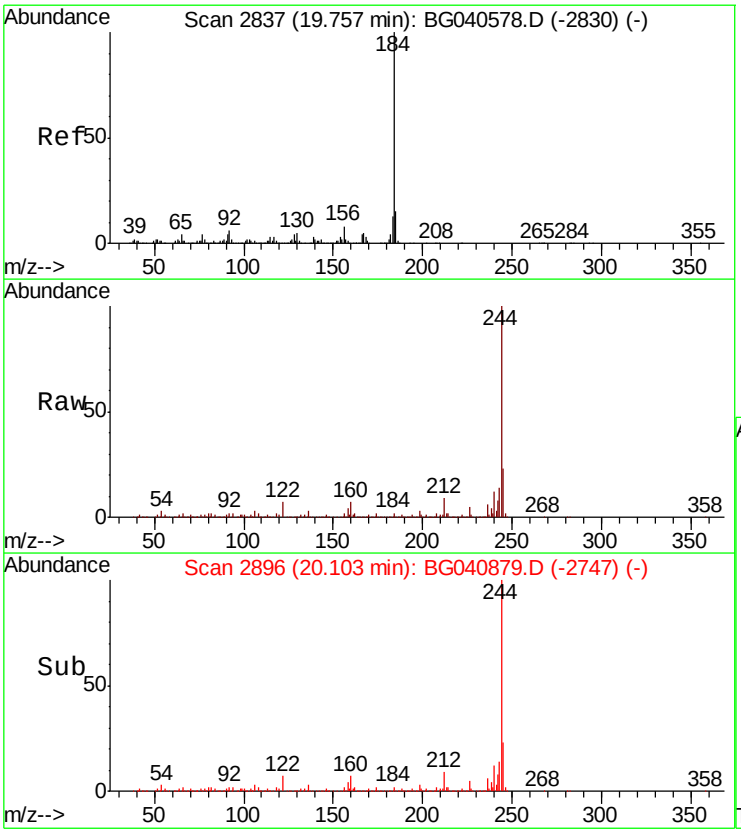
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.04 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB119607BL

Tgt Ion:240 Resp: 445047

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.0	7.6
236	26.0	20.3	30.5

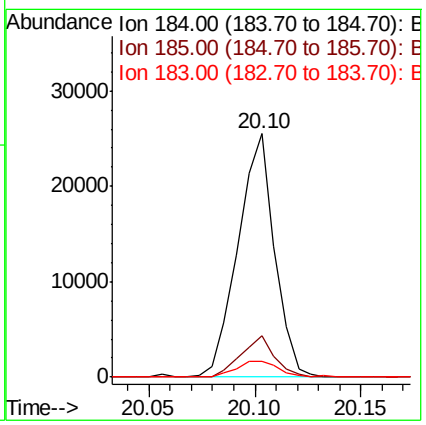


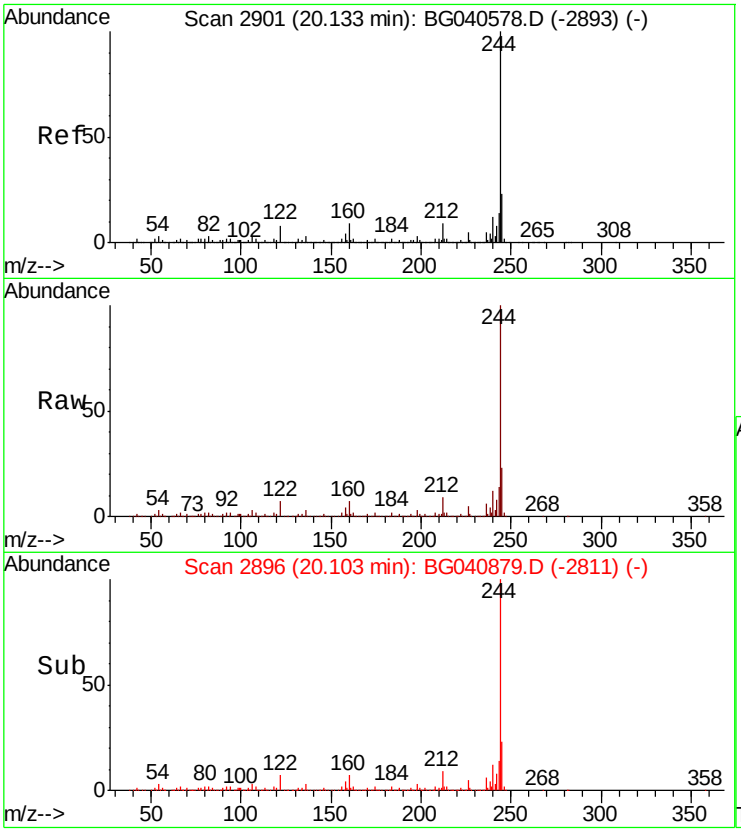


#77
Benzidine
Concen: 2.511 ng
RT: 20.10 min Scan# 2896
Delta R.T. 0.35 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Tgt Ion:184 Resp: 30599

Ion	Ratio	Lower	Upper
184	100		
185	16.8	11.8	17.8
183	6.3	10.2	15.2#



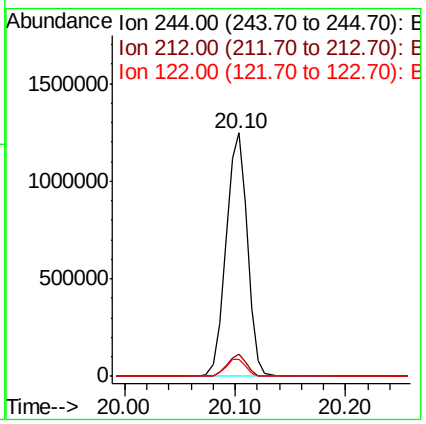


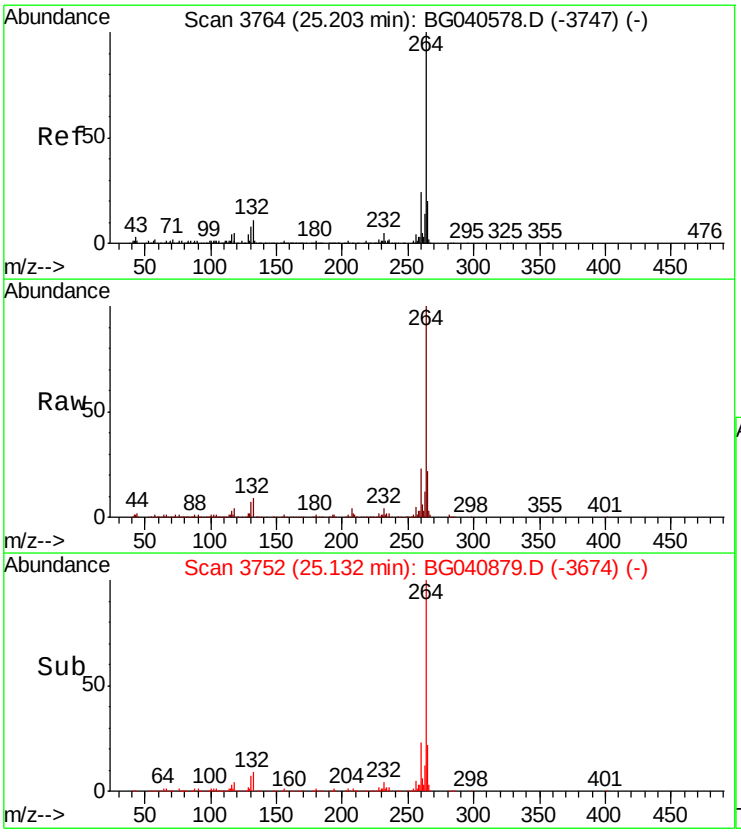
#79
Terphenyl-d14
Concen: 83.740 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.03 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB119607BL

Tgt Ion:244 Resp: 1682224

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.2	10.8
122	7.2	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3752
Delta R.T. -0.07 min
Lab File: BG040879.D
Acq: 11 May 2019 18:35

Tgt Ion:264 Resp: 462171

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	16.6	25.0