Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
Data File : BG040783.D
Acq On : 8 May 2019 1:30
Operator : HP/JU
Sample : PB119477TB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119477TB

Quant Time: May 08 03:57:02 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	46432	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	185371	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	139457	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	384558	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	383796	20.00	ng	-0.03
87) Perylene-d12	25.16	264	318605	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	432494	164.19	ng	-0.01
7) Phenol-d6	7.28	99	627753	154.78	ng	-0.01
23) Nitrobenzene-d5	9.32	82	432315	107.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	288600	150.56	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	970115	100.46	ng	-0.02
79) Terphenyl-d14	20.11	244	1908947	110.19	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.28	77	1268	Below Cal	#	16
19) n-Nitroso-di-n-propylamine	9.32	70	62285	17.060	ng	# 73
51) 2,6-Dinitrotoluene	14.77	165	18042	7.923	ng	# 12
54) 2,4-Dinitrophenol	15.07	184	92	7.080	ng	# 21
57) 2,4-Dinitrotoluene	14.77	165	18042	5.830	ng	# 14
65) 4,6-Dinitro-2-methylphenol	15.70	198	57	7.127	ng	# 28
67) 4-Bromophenyl-phenylether	16.26	248	21553	4.499	ng	# 1
77) Benzidine	20.11	184	33787	3.215	ng	# 94

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

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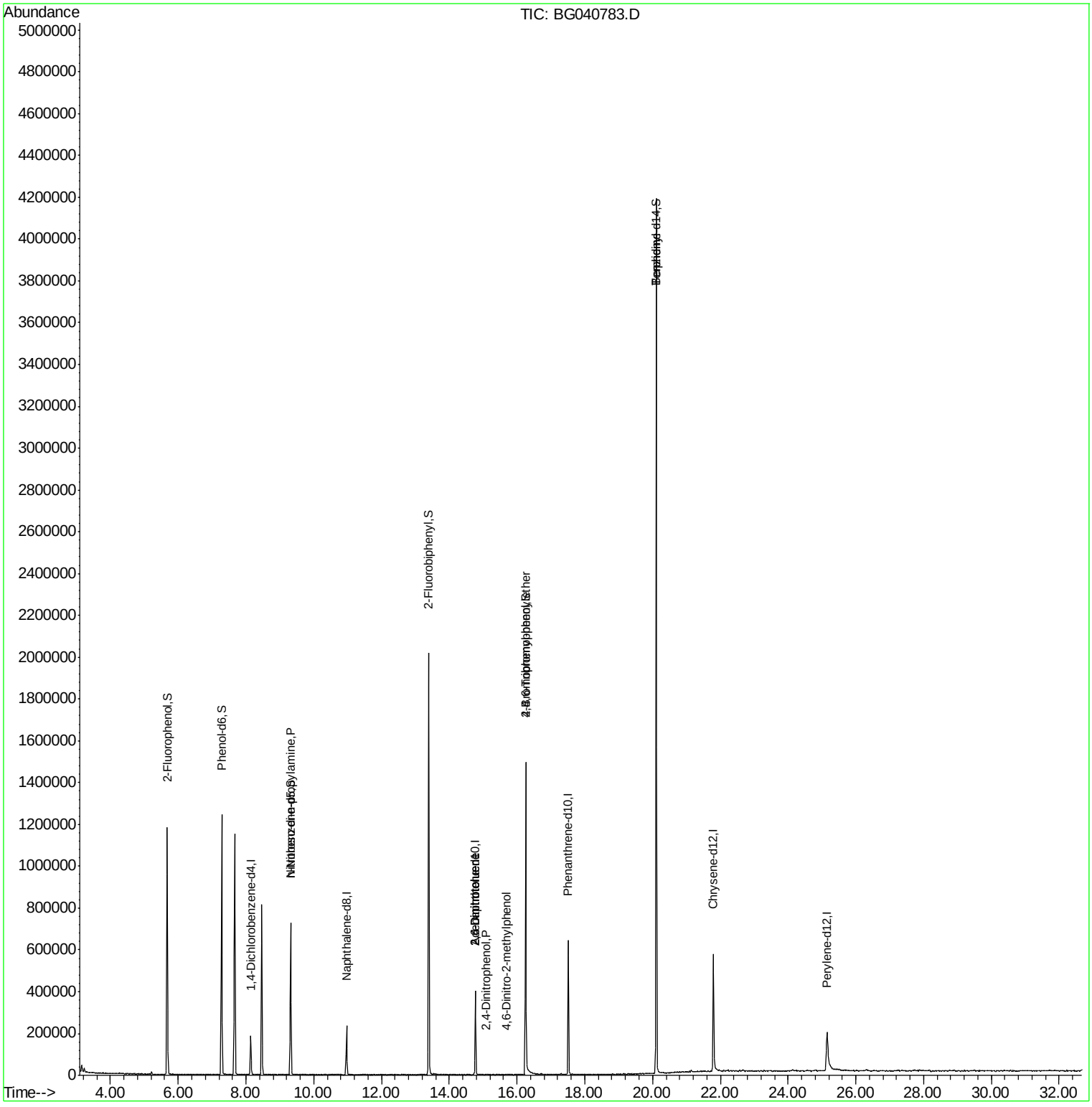
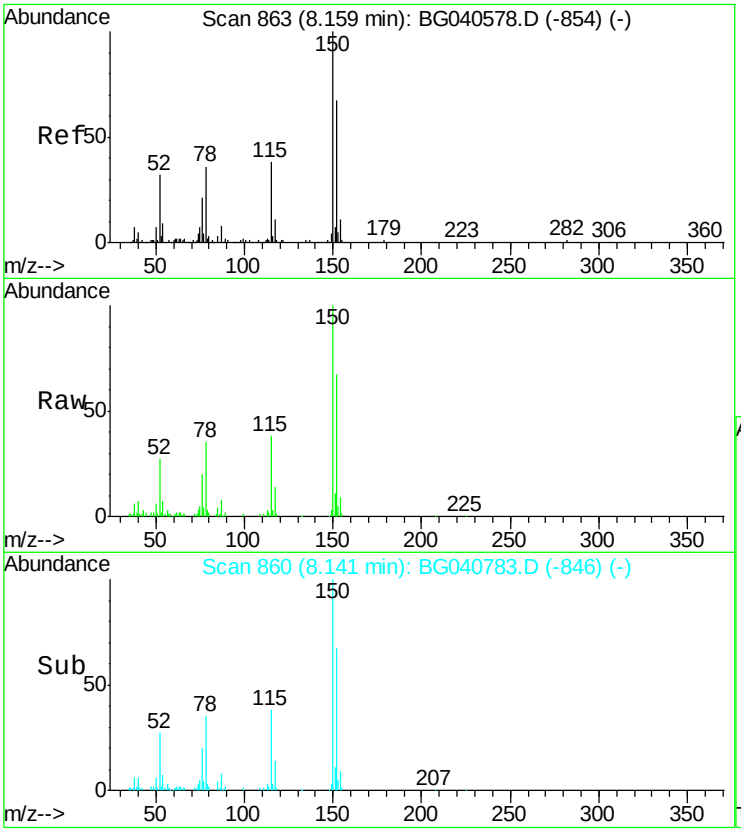


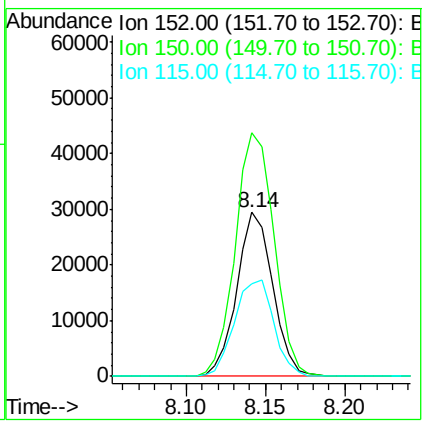


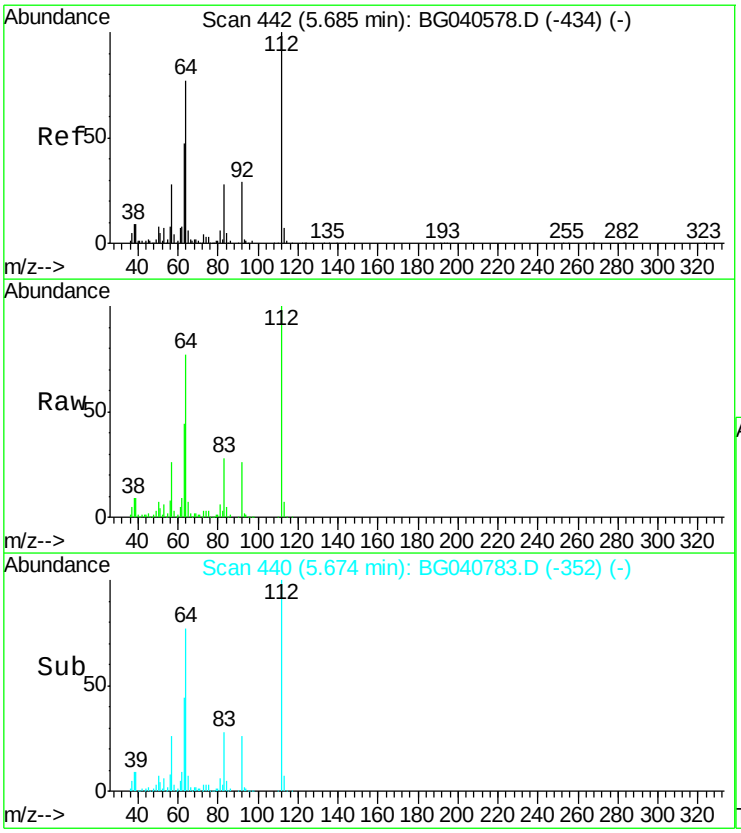
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Instrument :
BNA_G
ClientSampleId :
PB119477TB

Tgt Ion:152 Resp: 46432

Ion	Ratio	Lower	Upper
152	100		
150	148.4	120.2	180.2
115	56.6	46.2	69.2

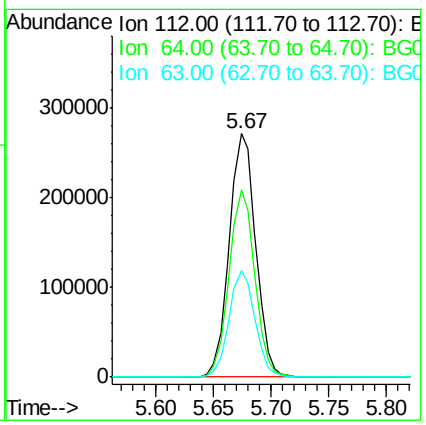


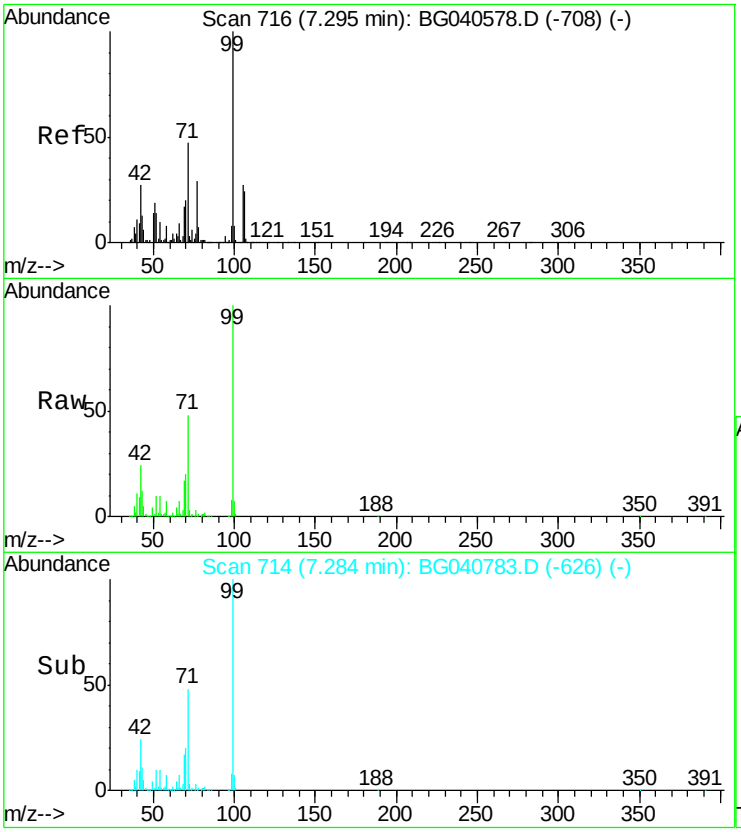


#5
2-Fluorophenol
Concen: 164.194 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Tgt Ion:112 Resp: 432494

Ion	Ratio	Lower	Upper
112	100		
64	77.2	61.4	92.0
63	43.6	37.8	56.6



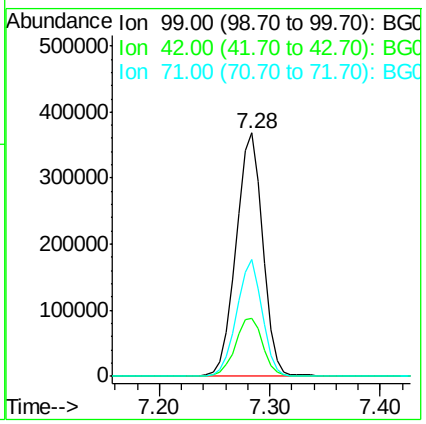


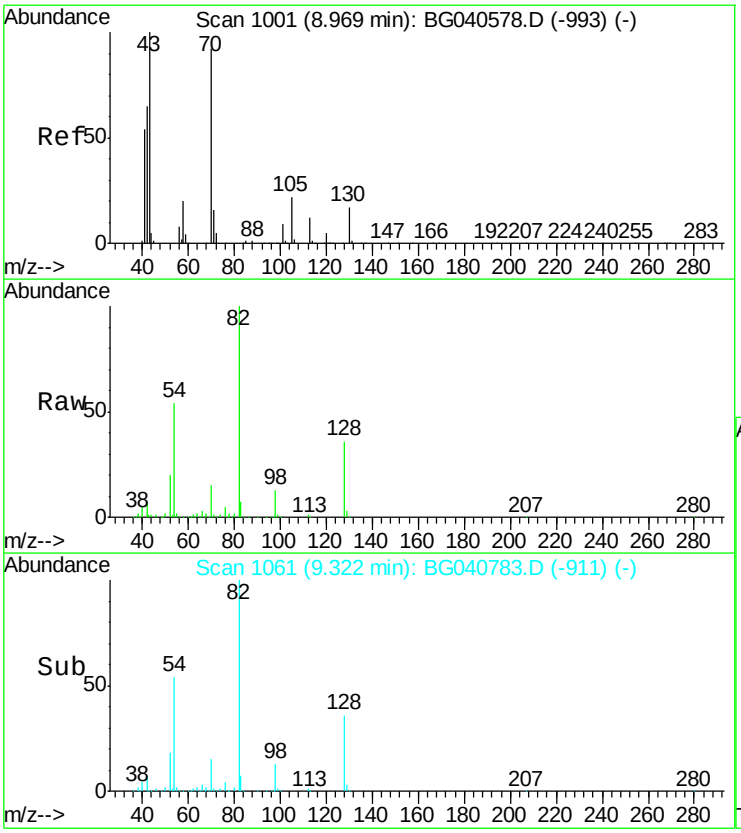
#7
Phenol-d6
Concen: 154.784 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Instrument :
BNA_G
ClientSampleId :
PB119477TB

Tgt Ion: 99 Resp: 627753

Ion	Ratio	Lower	Upper
99	100		
42	24.1	21.8	32.8
71	48.1	38.6	57.8

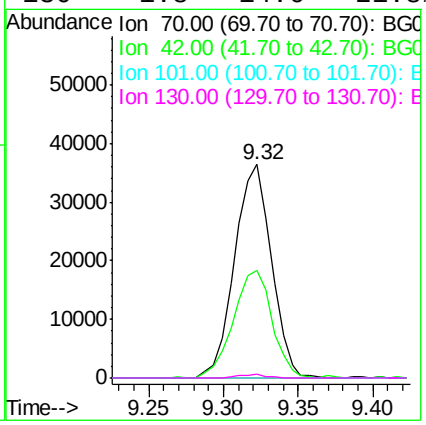


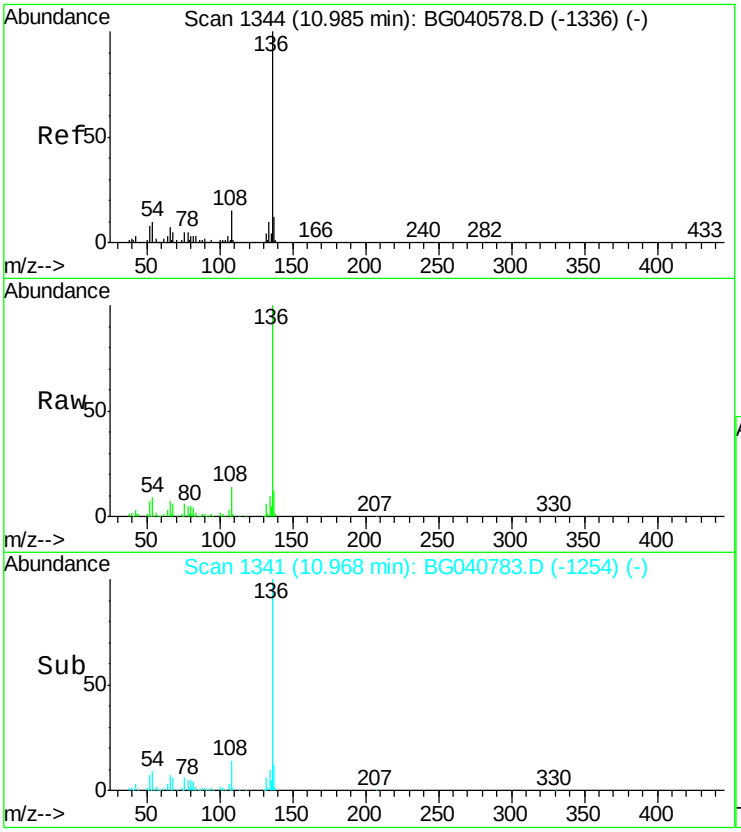


#19
n-Nitroso-di-n-propylamine
Concen: 17.060 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Tgt Ion: 70 Resp: 62285

Ion	Ratio	Lower	Upper
70	100		
42	50.6	57.1	85.7#
101	0.0	7.8	11.8#
130	1.8	14.6	21.8#



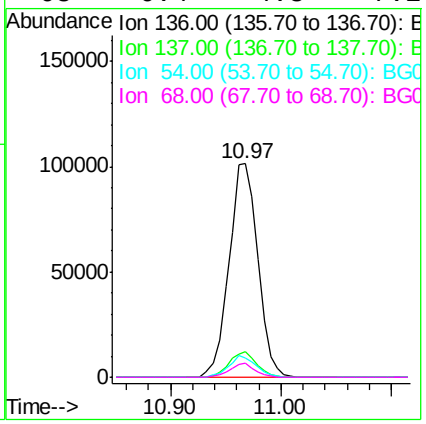


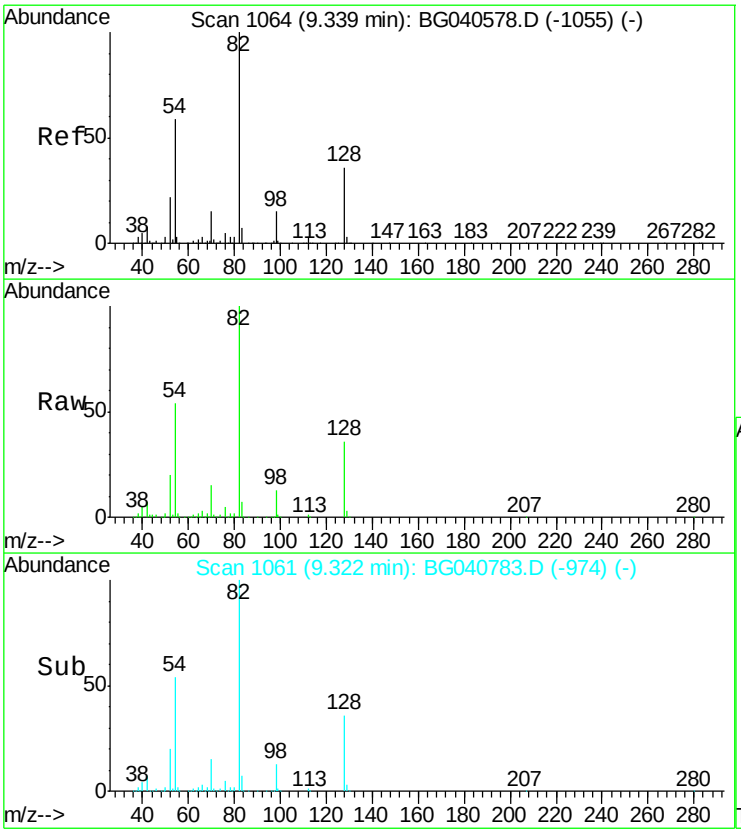
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Instrument :
BNA_G
ClientSampleId :
PB119477TB

Tgt Ion:136 Resp: 185371

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.7	14.5
54	9.2	8.6	12.8
68	6.4	4.8	7.2

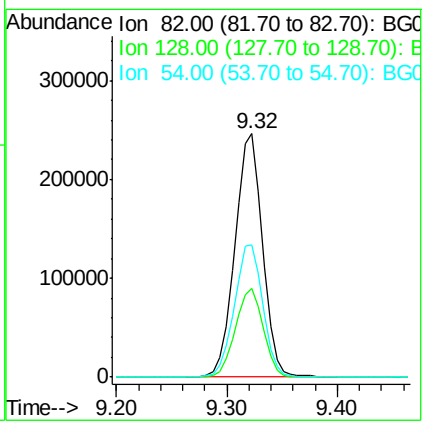


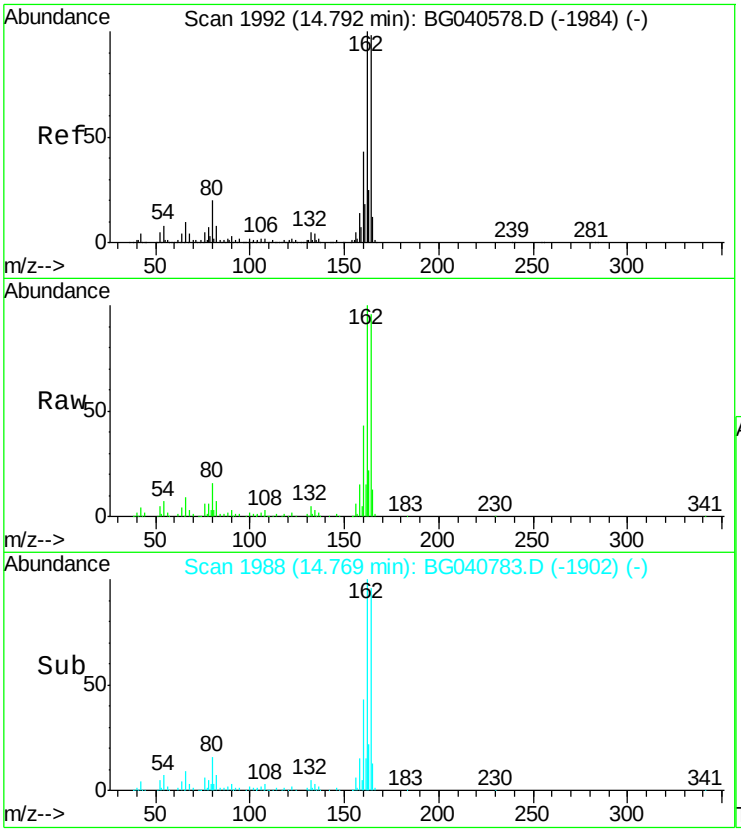


#23
Nitrobenzene-d5
Concen: 107.760 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Tgt Ion: 82 Resp: 432315

Ion	Ratio	Lower	Upper
82	100		
128	36.2	28.9	43.3
54	54.2	47.2	70.8



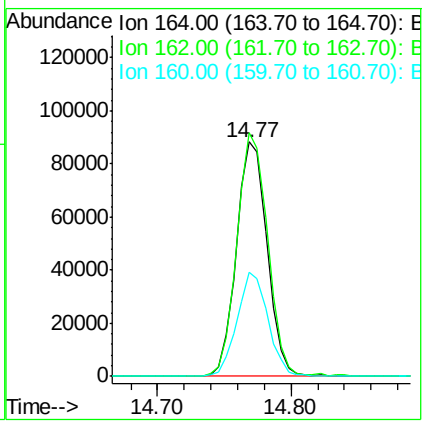


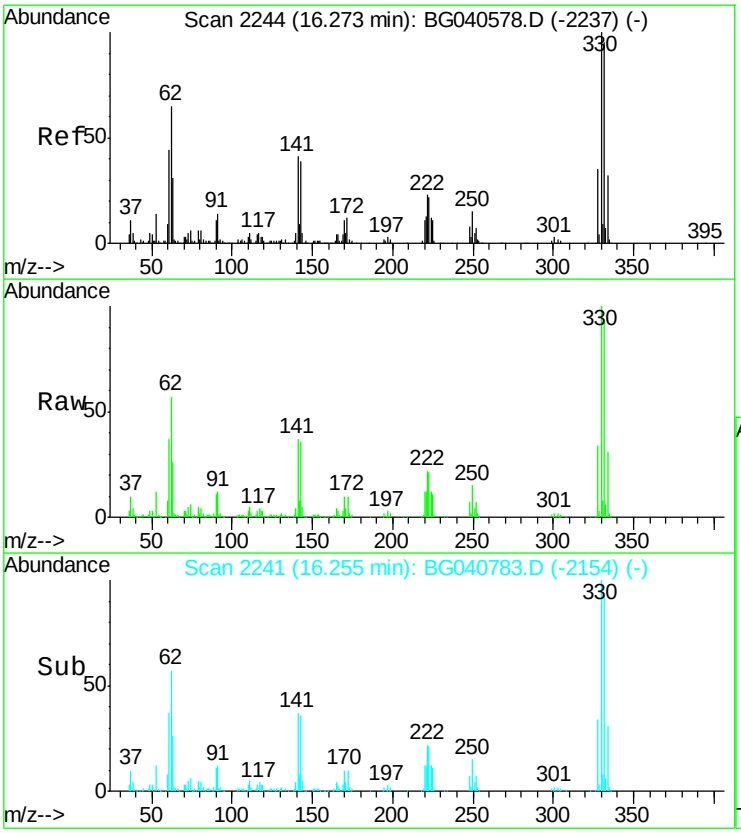
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Instrument :
BNA_G
ClientSampleId :
PB119477TB

Tgt Ion:164 Resp: 139457

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.9	122.9
160	44.3	35.4	53.2

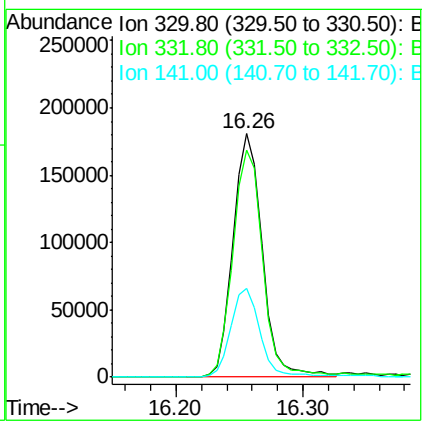


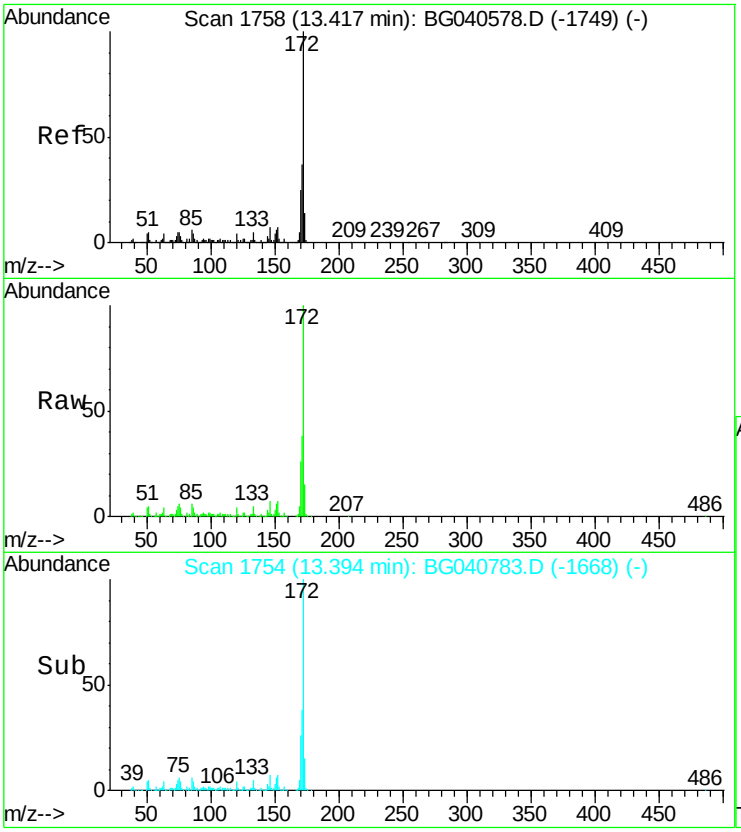


#42
2,4,6-Tribromophenol
Concen: 150.558 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Tgt Ion:330 Resp: 288600

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.9	113.9
141	36.3	32.4	48.6



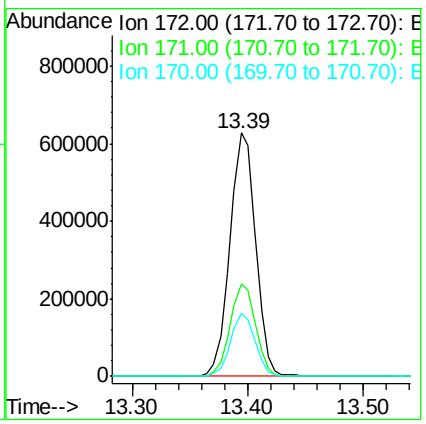


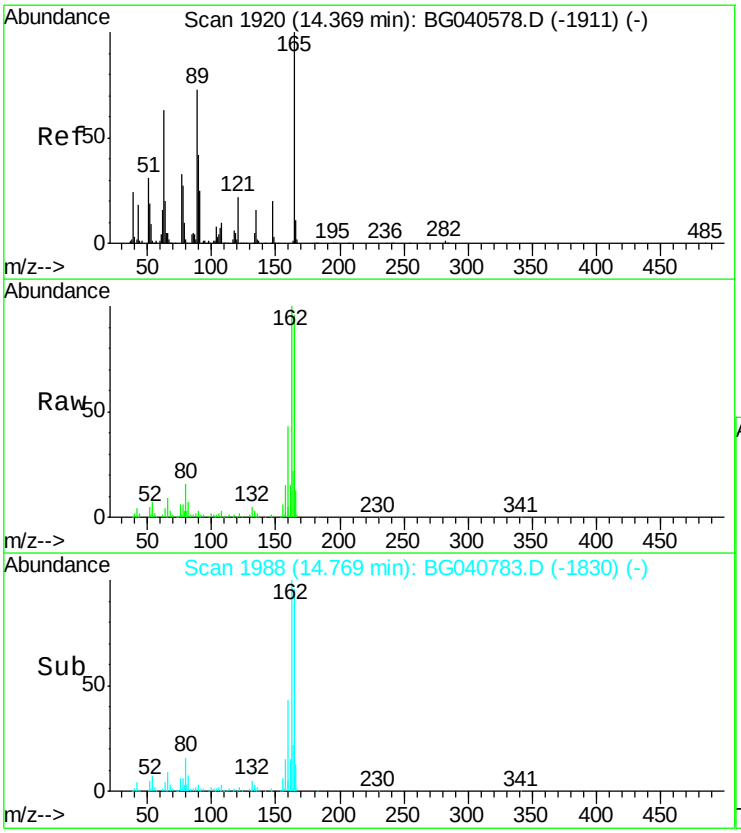
#45
2-Fluorobiphenyl
Concen: 100.464 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Instrument :
BNA_G
ClientSampleId :
PB119477TB

Tgt Ion:172 Resp: 970115

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.4	44.2
170	26.2	19.9	29.9

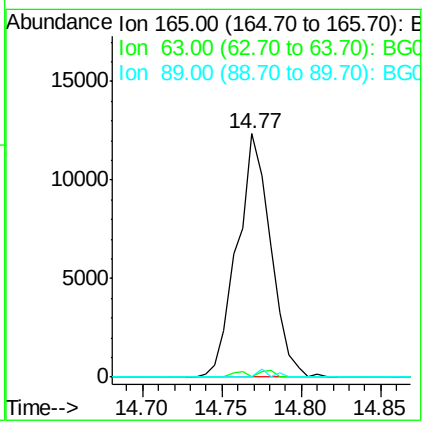


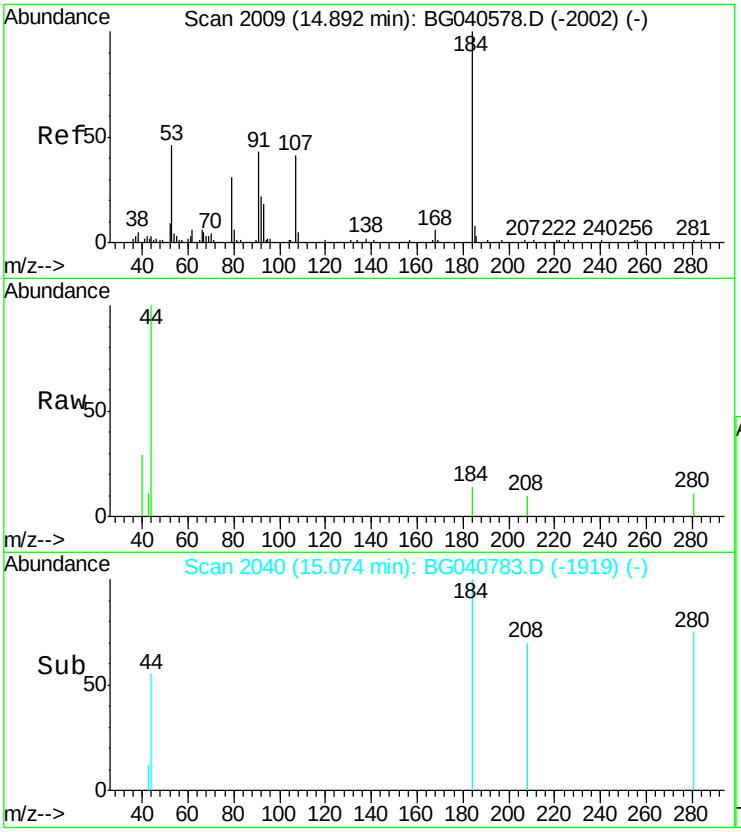


#51
2,6-Dinitrotoluene
Concen: 7.923 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Tgt Ion:165 Resp: 18042

Ion	Ratio	Lower	Upper
165	100		
63	0.0	61.0	91.4#
89	0.0	58.6	87.8#



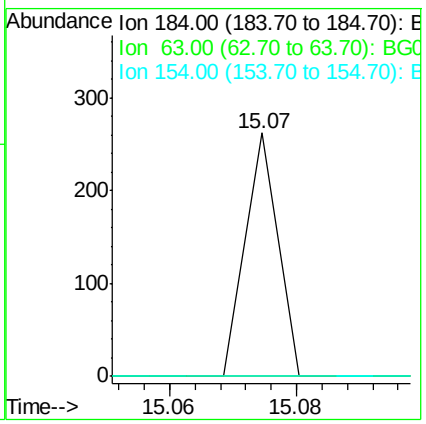


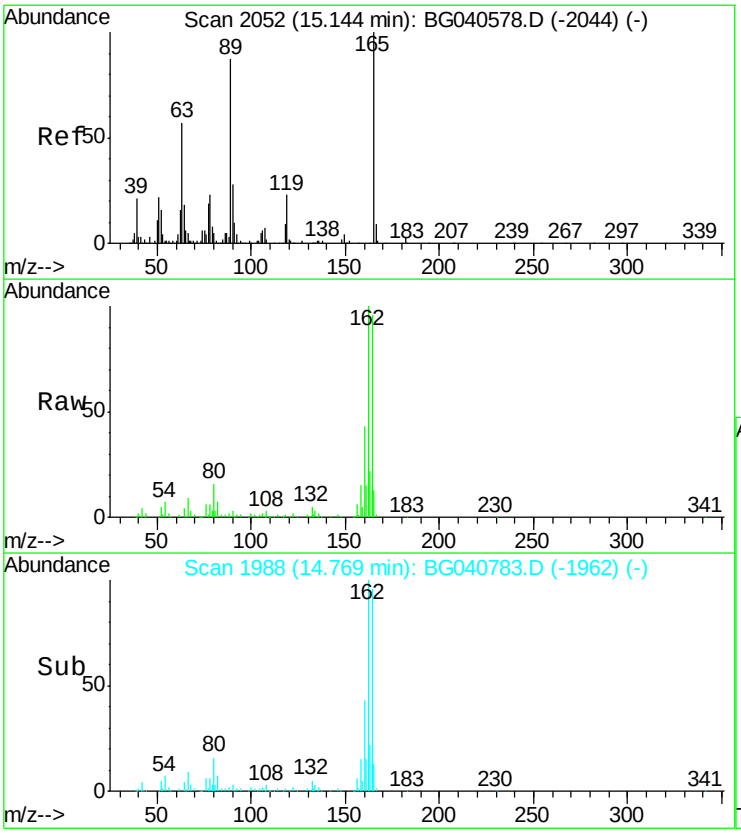
#54
2,4-Dinitrophenol
Concen: 7.080 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.18 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Instrument :
BNA_G
ClientSampleId :
PB119477TB

Tgt Ion:184 Resp: 92

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

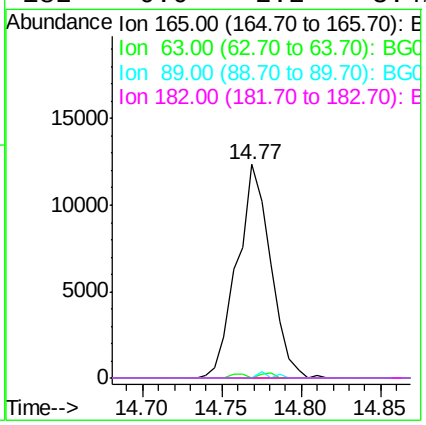


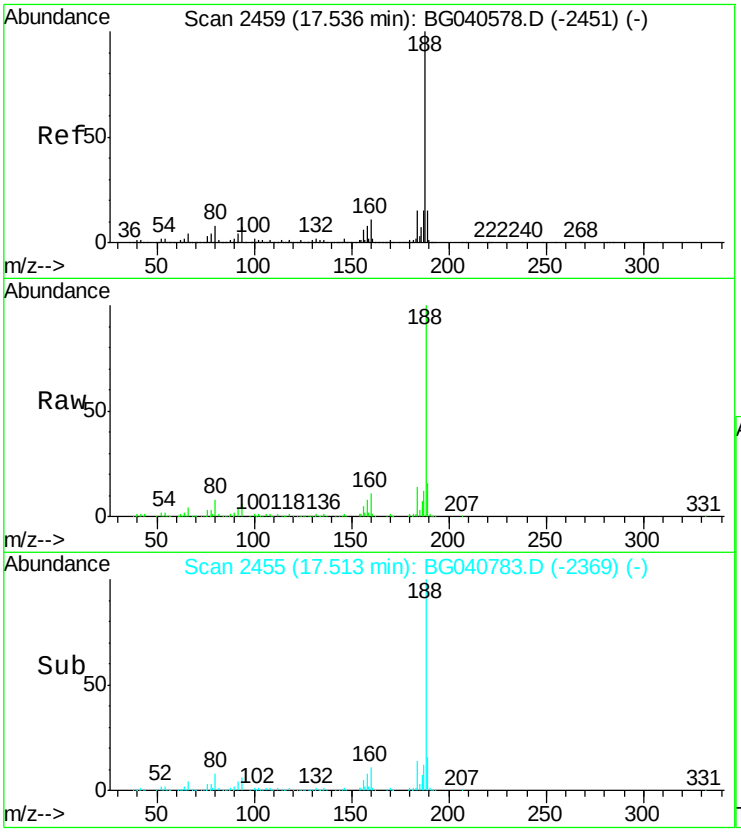


#57
2,4-Dinitrotoluene
Concen: 5.830 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Tgt Ion:165 Resp: 18042

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



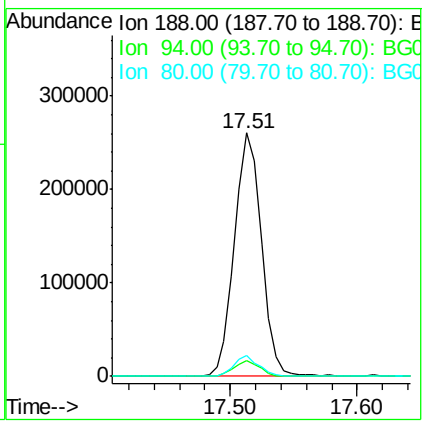


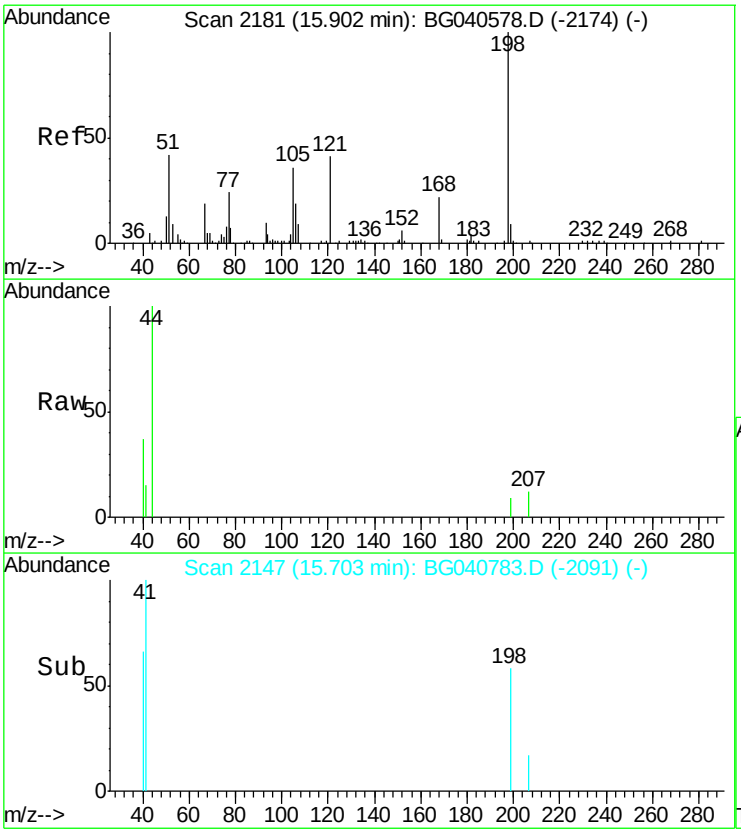
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Instrument :
BNA_G
ClientSampleId :
PB119477TB

Tgt Ion:188 Resp: 384558

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.6	8.4
80	8.5	6.4	9.6

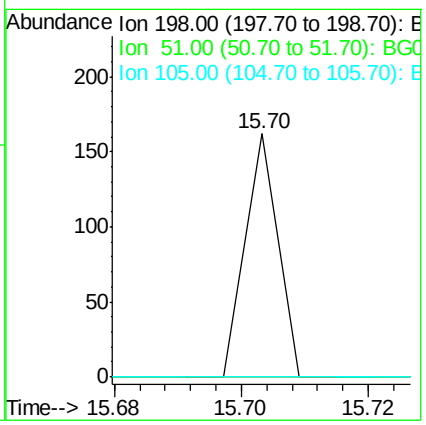


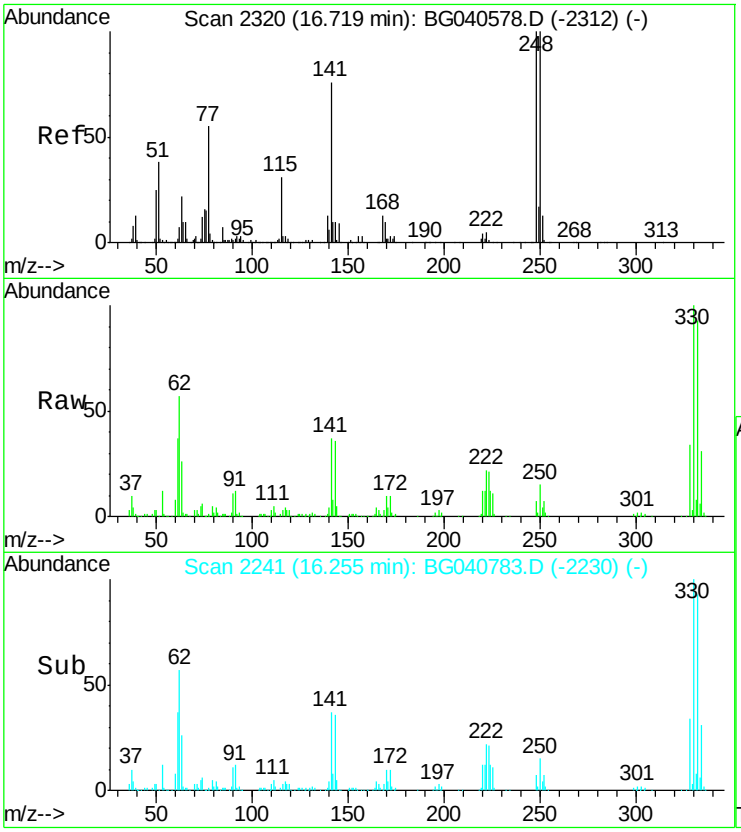


#65
4,6-Dinitro-2-methylphenol
Concen: 7.127 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.20 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Tgt Ion:198 Resp: 57

Ion	Ratio	Lower	Upper
198	100		
51	0.0	35.9	75.9#
105	0.0	21.2	61.2#



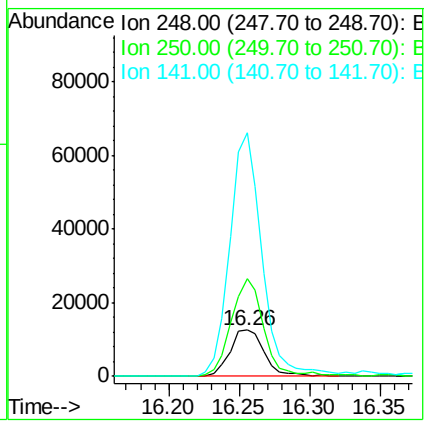


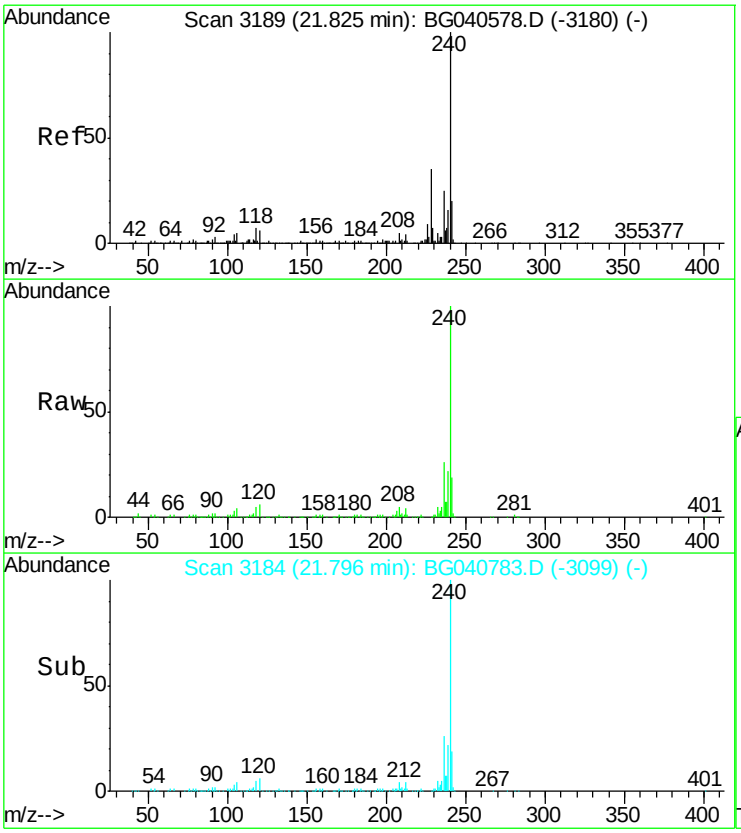
#67
4-Bromophenyl-phenylether
Concen: 4.499 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Instrument :
BNA_G
ClientSampleId :
PB119477TB

Tgt Ion:248 Resp: 21553

Ion	Ratio	Lower	Upper
248	100		
250	159.5	79.8	119.6#
141	396.7	60.8	91.2#

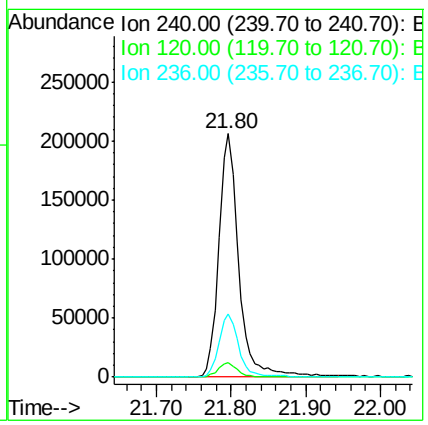


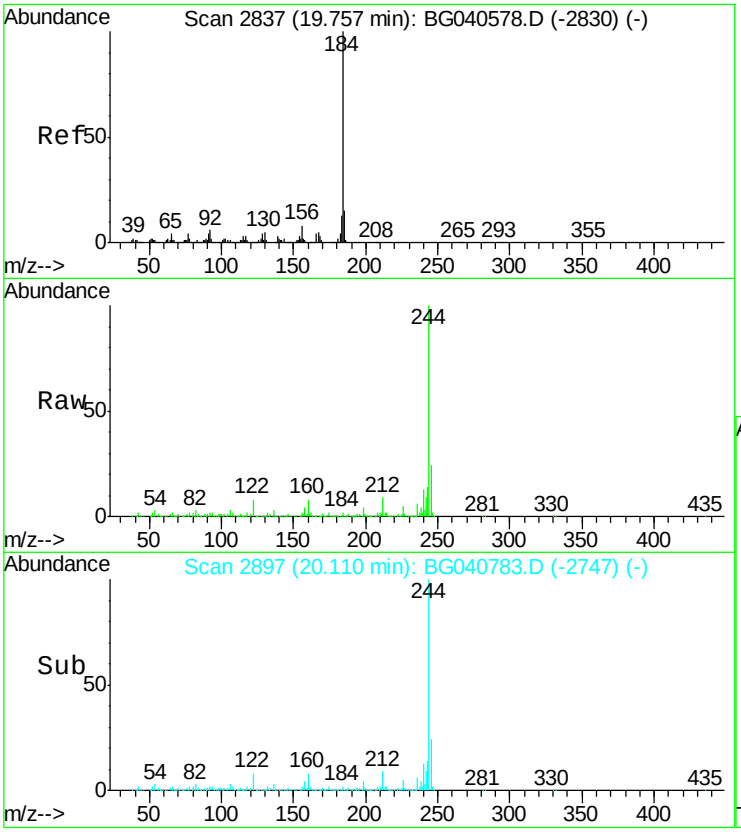


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Tgt Ion:240 Resp: 383796

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.0	7.6
236	26.0	20.3	30.5



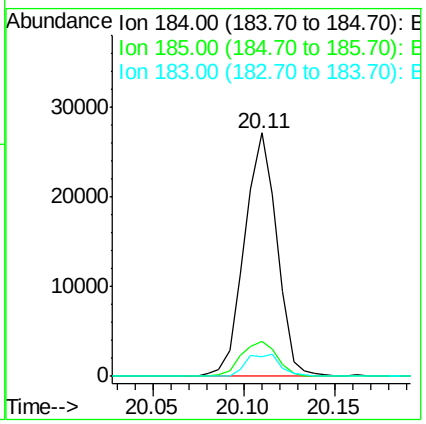


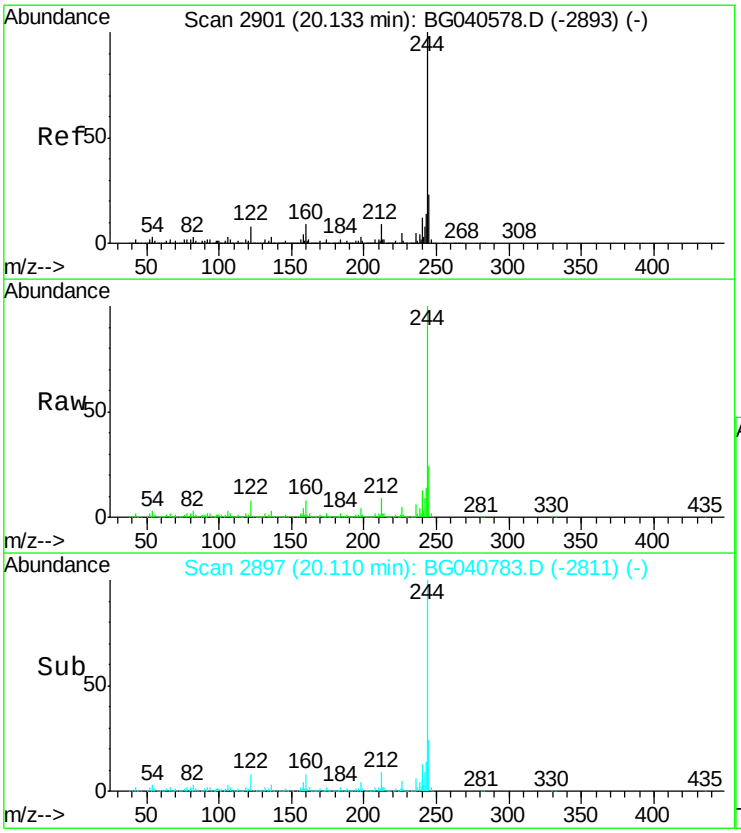
#77
Benzidine
Concen: 3.215 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Instrument :
BNA_G
ClientSampleId :
PB119477TB

Tgt Ion:184 Resp: 33787

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.8	17.8
183	8.1	10.2	15.2#

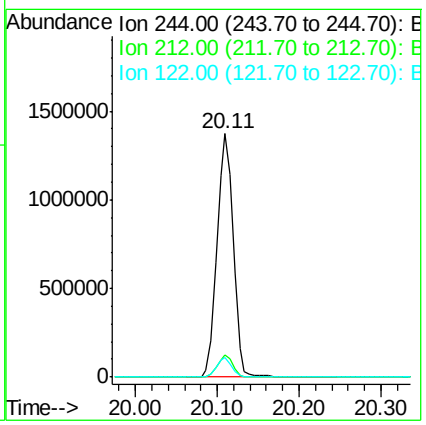


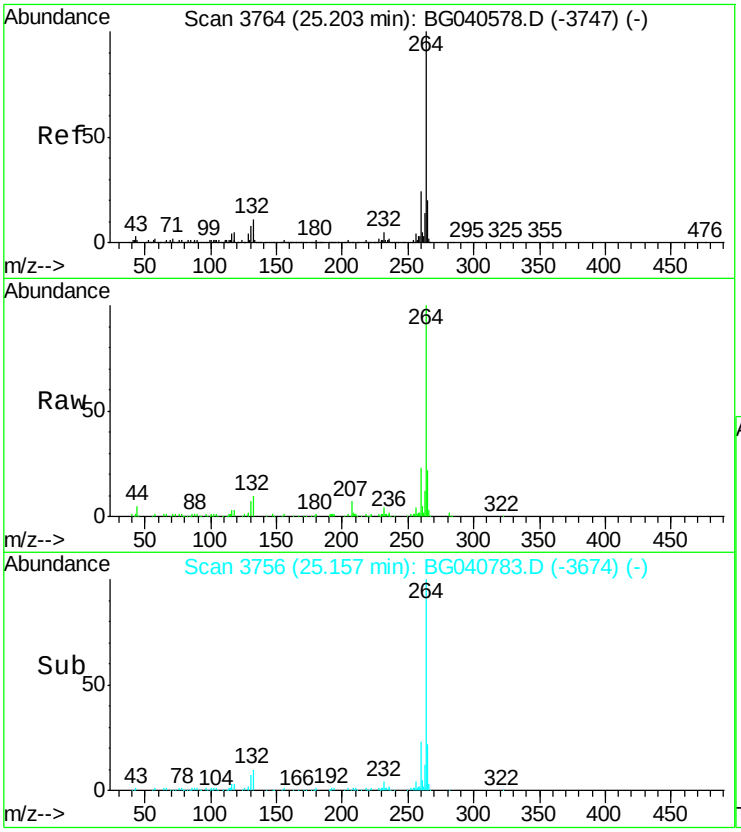


#79
Terphenyl-d14
Concen: 110.192 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Tgt Ion:244 Resp: 1908947

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.2	10.8
122	8.3	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Instrument :
BNA_G
ClientSampleId :
PB119477TB

Tgt Ion:264 Resp: 318605

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.0	16.6	25.0