Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050819\
Data File : BG040800.D
Acq On : 8 May 2019 22:50
Operator : HP/JU
Sample : PB119558TB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119558TB

Quant Time: May 09 05:01:41 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	42279	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	165239	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	127443	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	356431	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	345833	20.00	ng	-0.03
87) Perylene-d12	25.14	264	244560	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	329518	137.39	ng	-0.01
7) Phenol-d6	7.28	99	483058	130.81	ng	-0.02
23) Nitrobenzene-d5	9.32	82	328889	91.97	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	220560	125.91	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	739685	83.82	ng	-0.02
79) Terphenyl-d14	20.11	244	1547407	99.13	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.28	77	1310	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.32	70	46857	14.095	ng	# 69
51) 2,6-Dinitrotoluene	14.77	165	16496	7.927	ng	# 15
57) 2,4-Dinitrotoluene	14.77	165	16496	5.833	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.18	198	71	7.136	ng	# 28
67) 4-Bromophenyl-phenylether	16.26	248	15472	3.484	ng	# 1
77) Benzidine	20.11	184	27019	2.853	ng	# 90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050819\
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Acq On : 8 May 2019 22:50
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
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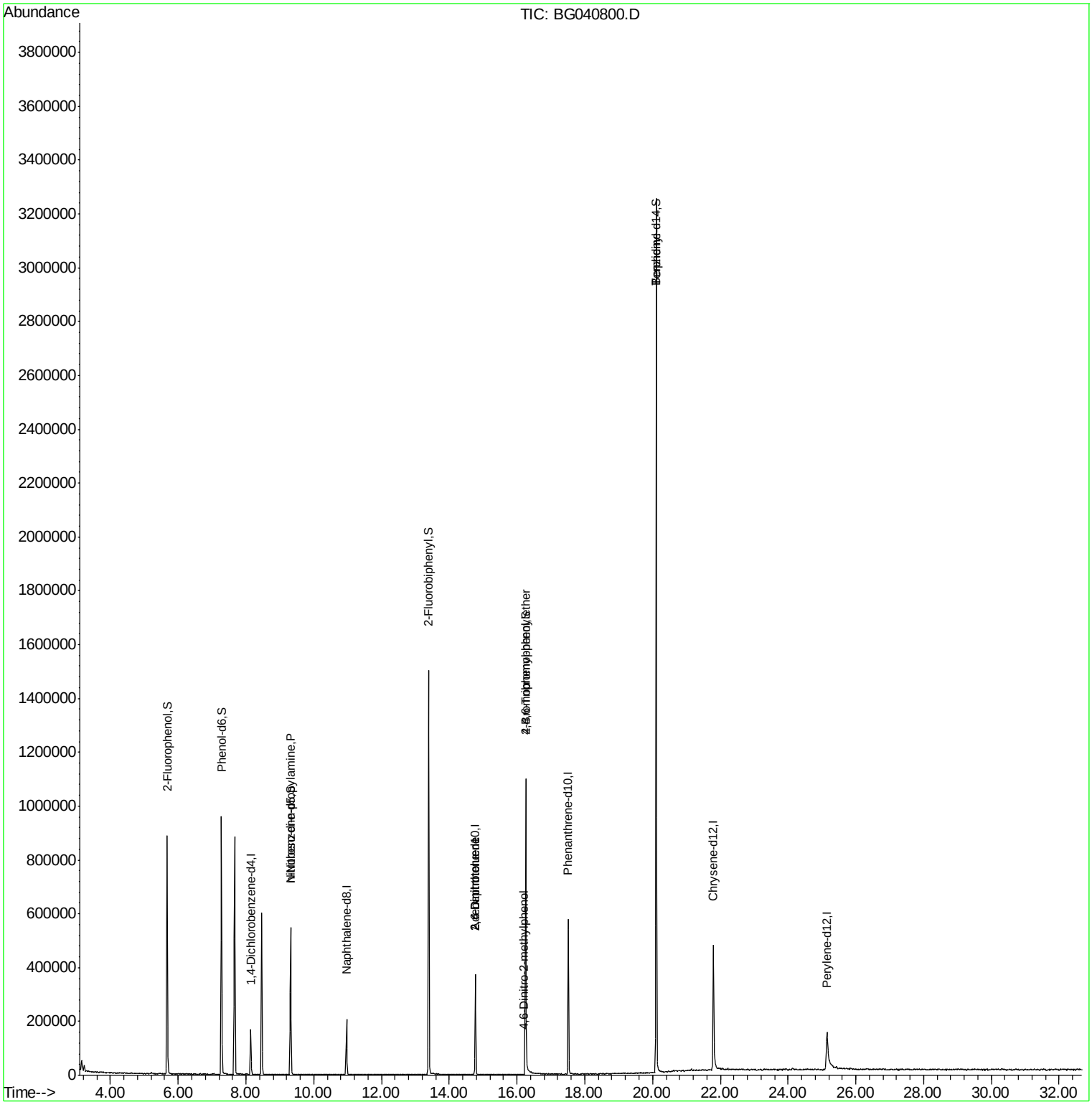
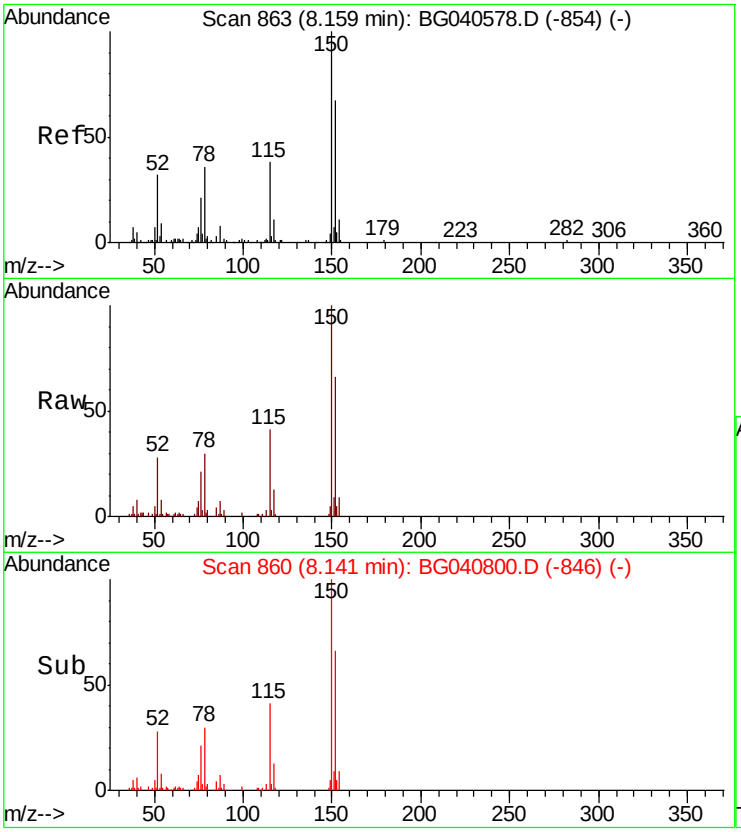


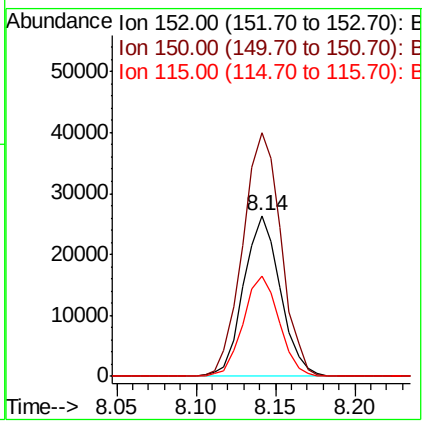


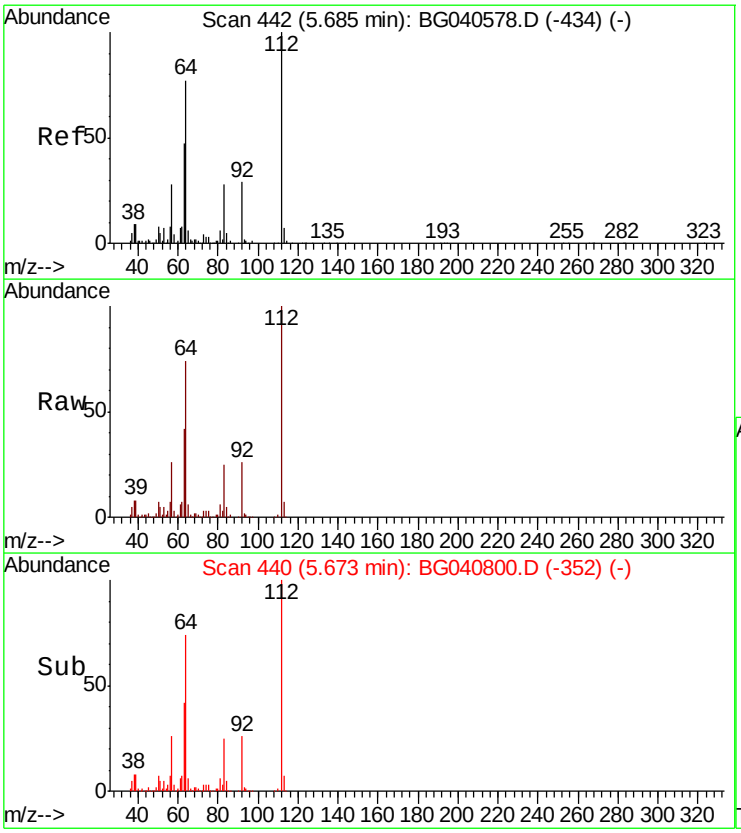
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Instrument :
BNA_G
ClientSampleId :
PB119558TB

Tgt Ion:152 Resp: 42279

Ion	Ratio	Lower	Upper
152	100		
150	151.3	120.2	180.2
115	62.1	46.2	69.2

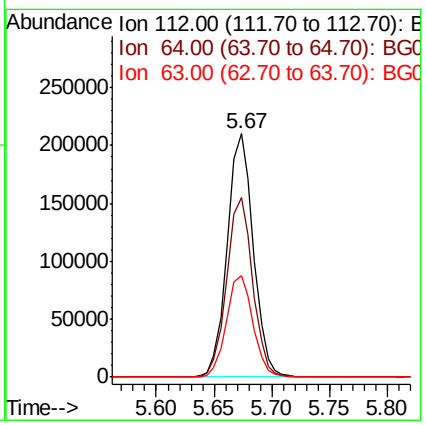


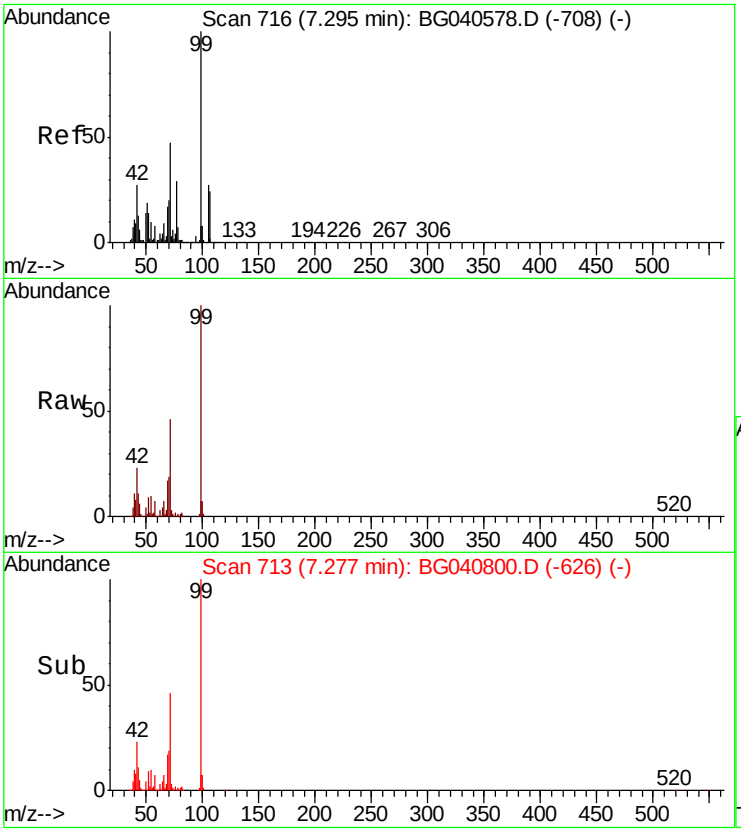


#5
2-Fluorophenol
Concen: 137.388 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Tgt Ion:112 Resp: 329518

Ion	Ratio	Lower	Upper
112	100		
64	74.0	61.4	92.0
63	41.8	37.8	56.6



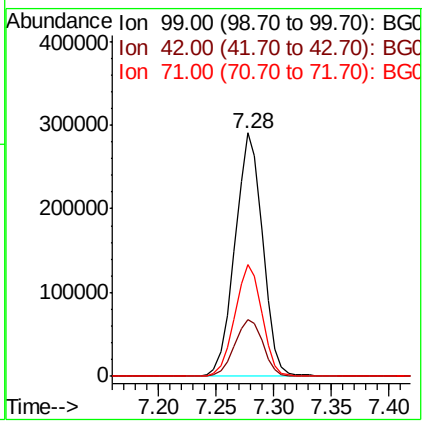


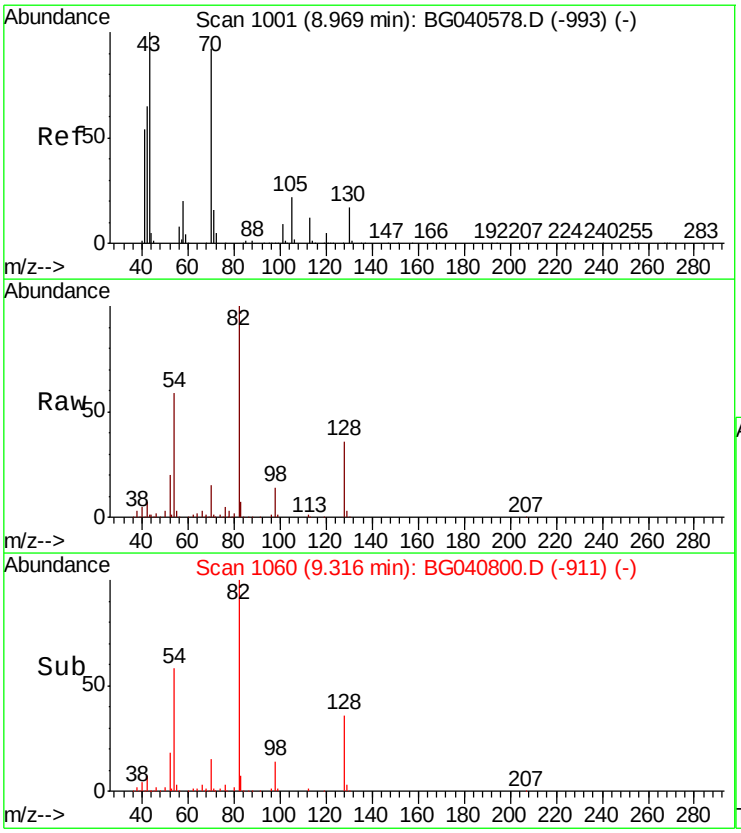
#7
Phenol-d6
Concen: 130.806 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Instrument :
BNA_G
ClientSampleId :
PB119558TB

Tgt Ion: 99 Resp: 483058

Ion	Ratio	Lower	Upper
99	100		
42	23.2	21.8	32.8
71	45.8	38.6	57.8

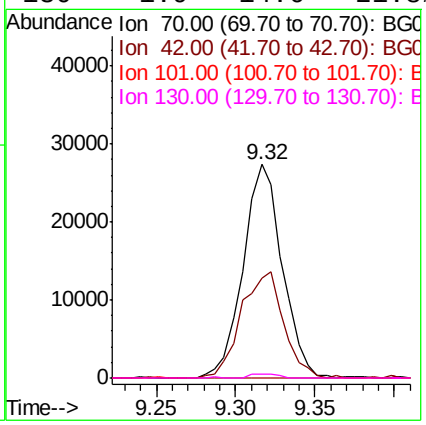


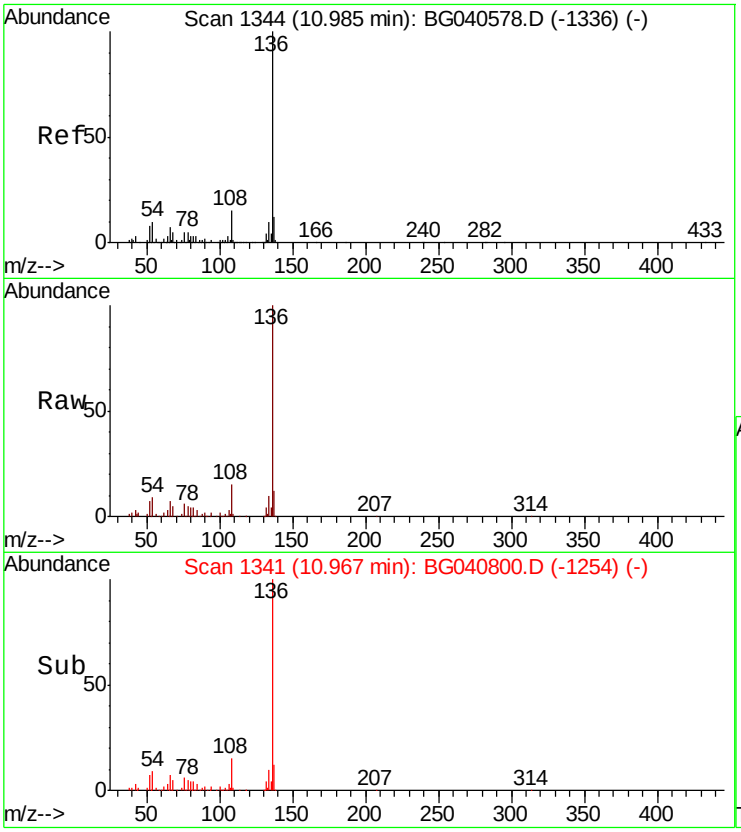


#19
n-Nitroso-di-n-propylamine
Concen: 14.095 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Tgt Ion: 70 Resp: 46857

Ion	Ratio	Lower	Upper
70	100		
42	46.7	57.1	85.7#
101	0.0	7.8	11.8#
130	1.9	14.6	21.8#



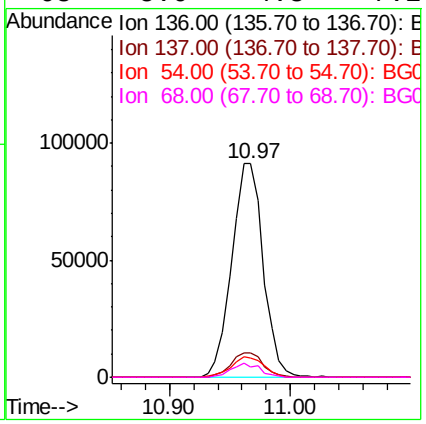


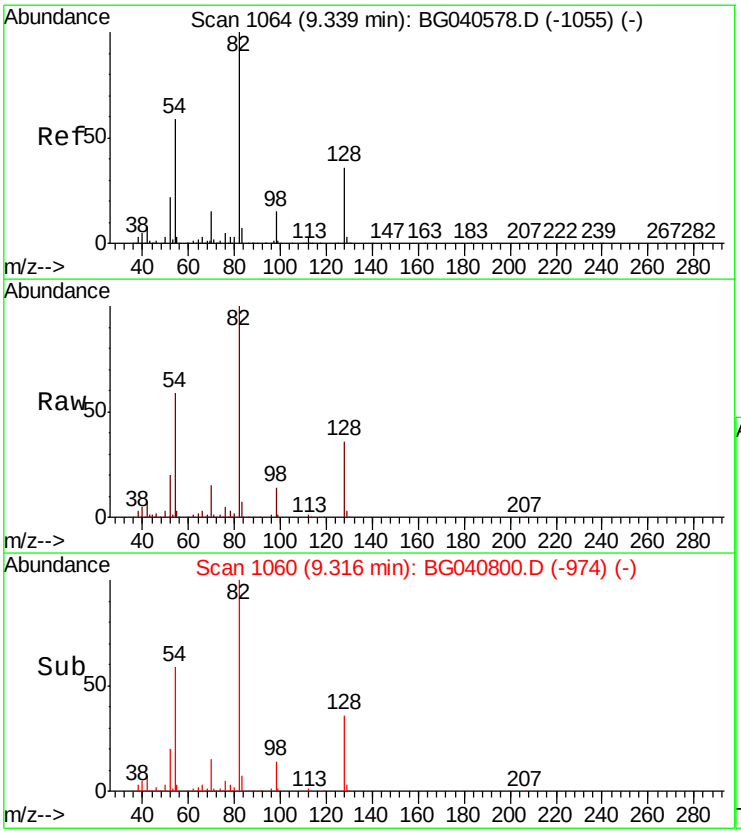
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Instrument :
BNA_G
ClientSampleId :
PB119558TB

Tgt Ion:136 Resp: 165239

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	9.0	8.6	12.8
68	5.0	4.8	7.2

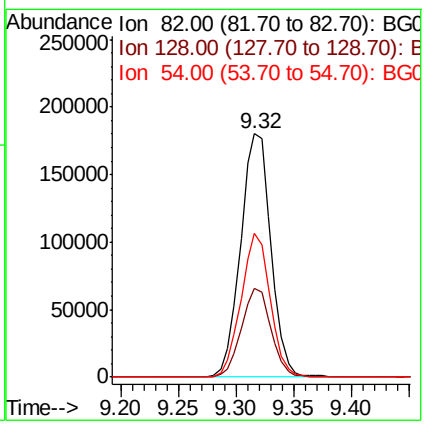


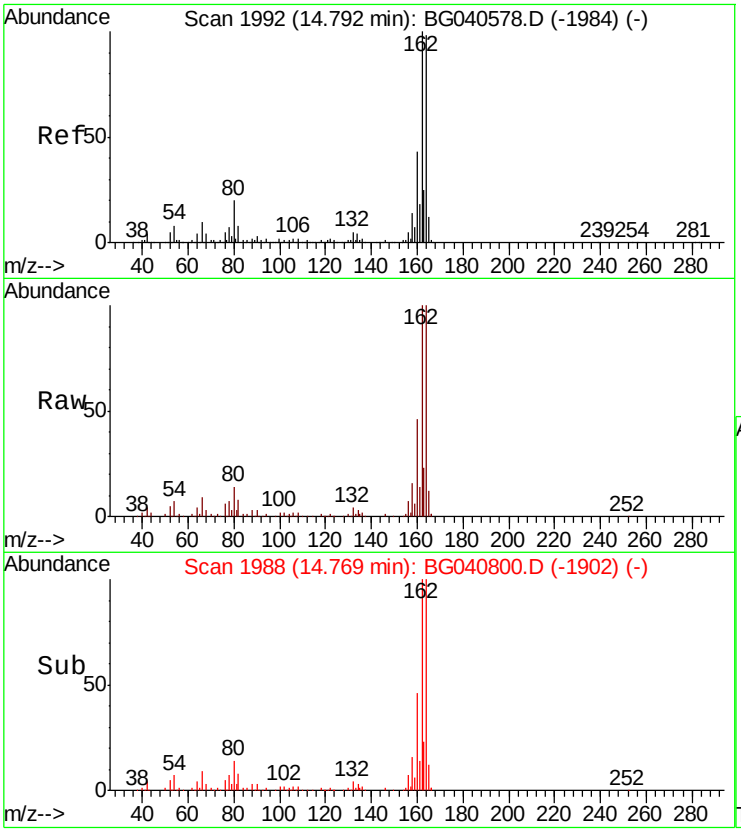


#23
Nitrobenzene-d5
Concen: 91.968 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Tgt Ion: 82 Resp: 328889

Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.9	43.3
54	58.8	47.2	70.8



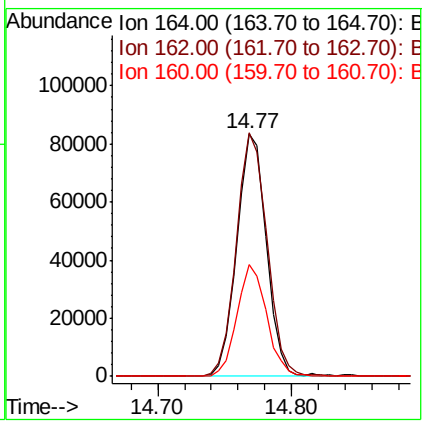


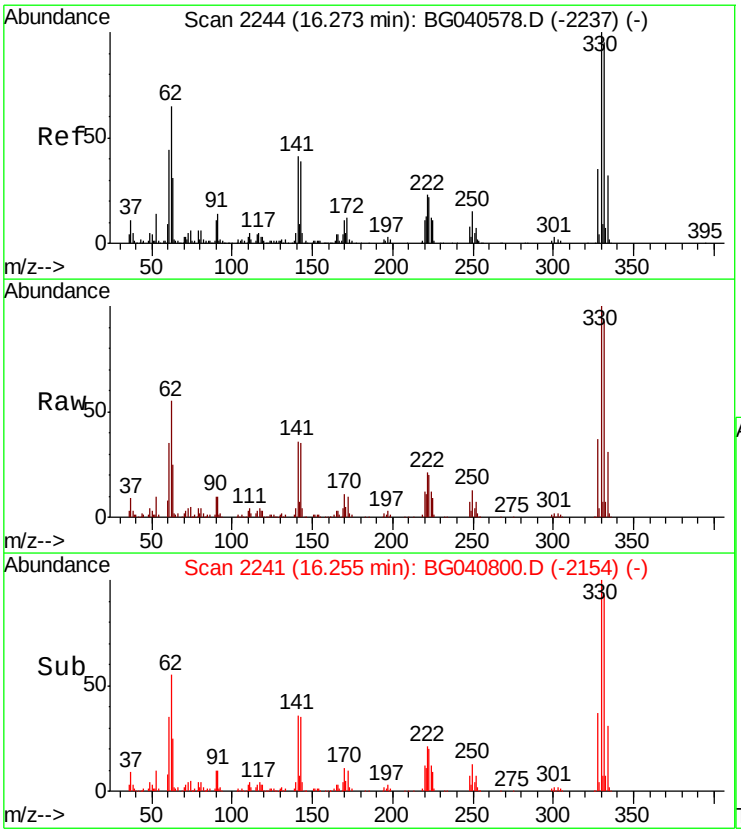
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Instrument :
BNA_G
ClientSampleId :
PB119558TB

Tgt Ion:164 Resp: 127443

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.9	122.9
160	45.8	35.4	53.2

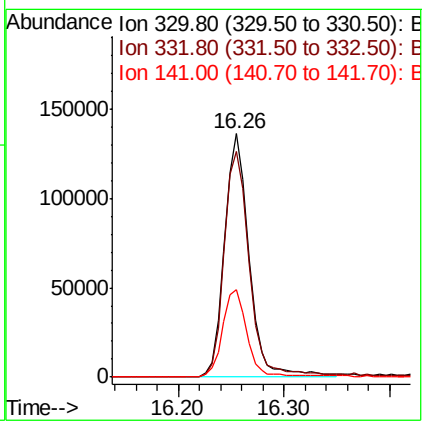


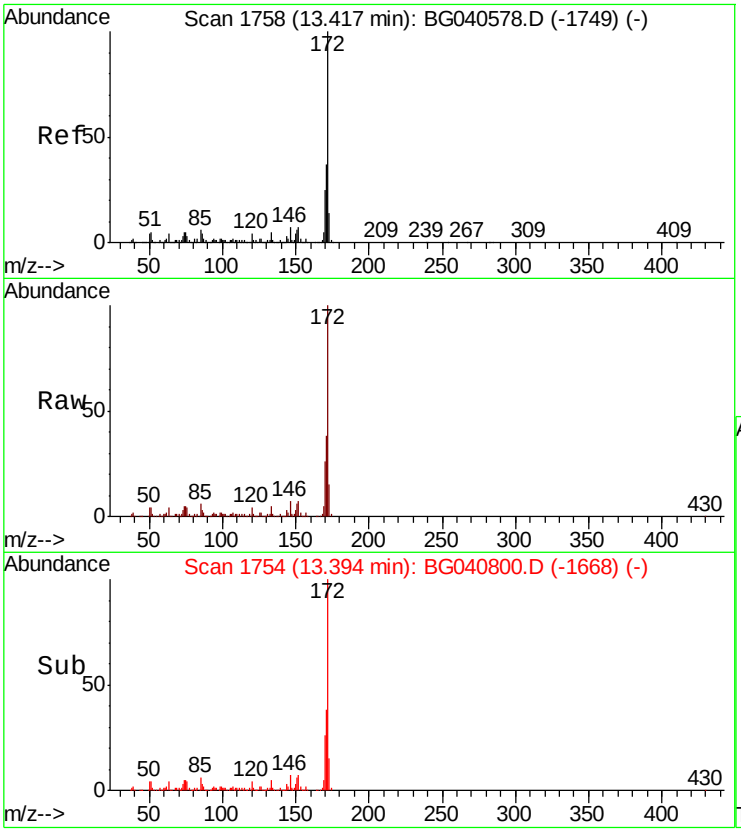


#42
2,4,6-Tribromophenol
Concen: 125.910 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Tgt Ion:330 Resp: 220560

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.9	113.9
141	35.8	32.4	48.6



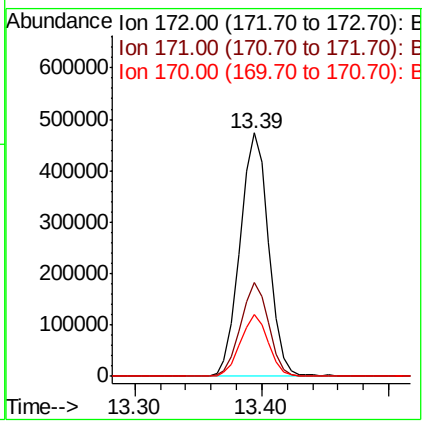


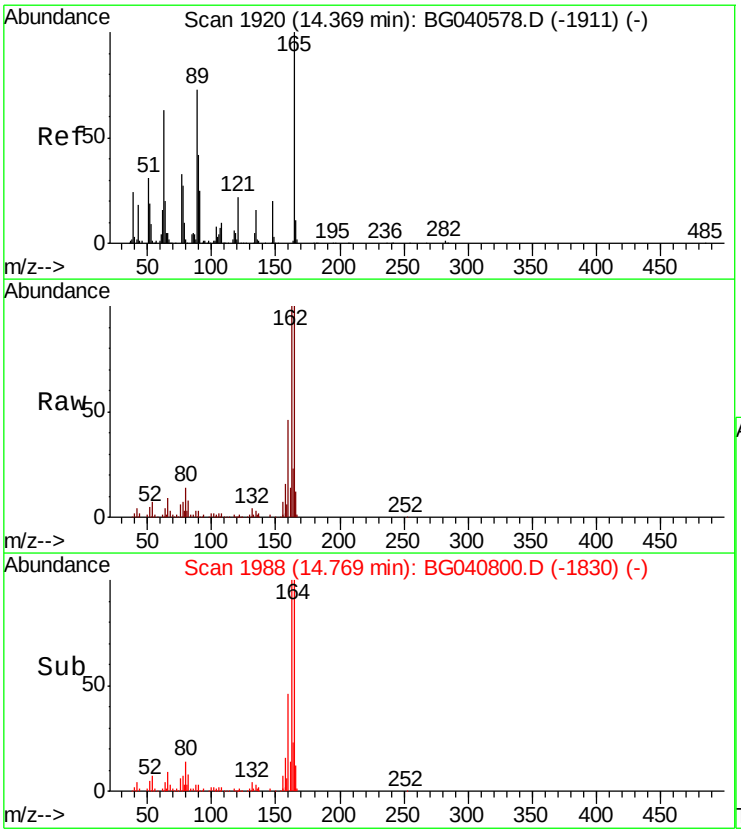
#45
2-Fluorobiphenyl
Concen: 83.822 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Instrument :
BNA_G
ClientSampleId :
PB119558TB

Tgt Ion:172 Resp: 739685

Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.4	44.2
170	25.5	19.9	29.9

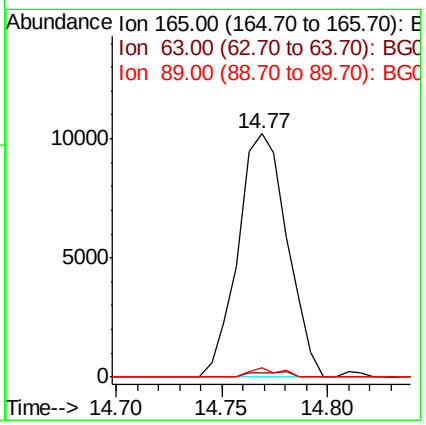


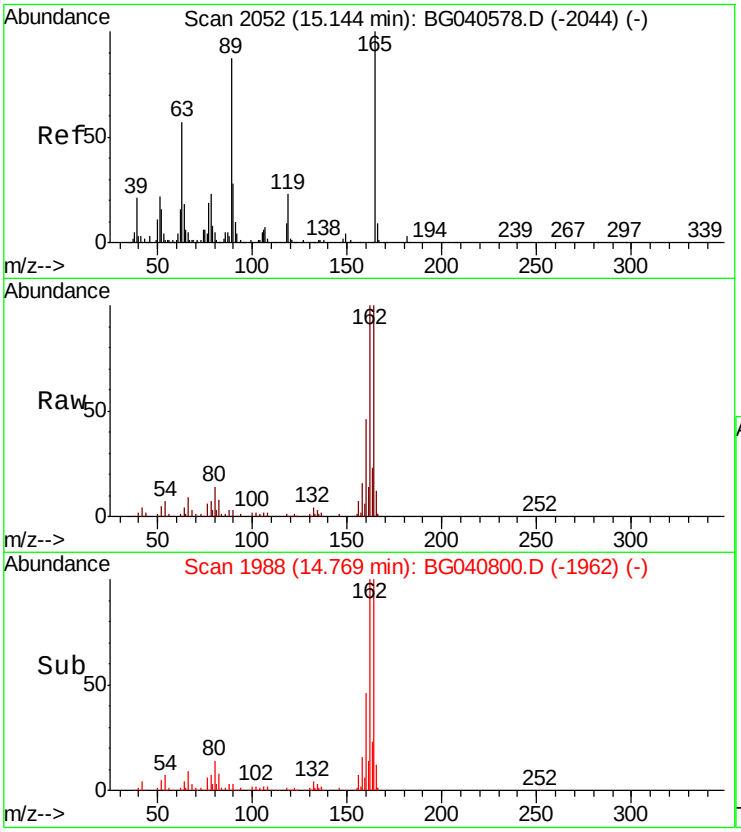


#51
2,6-Dinitrotoluene
Concen: 7.927 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Tgt Ion:165 Resp: 16496

Ion	Ratio	Lower	Upper
165	100		
63	1.9	61.0	91.4#
89	3.7	58.6	87.8#



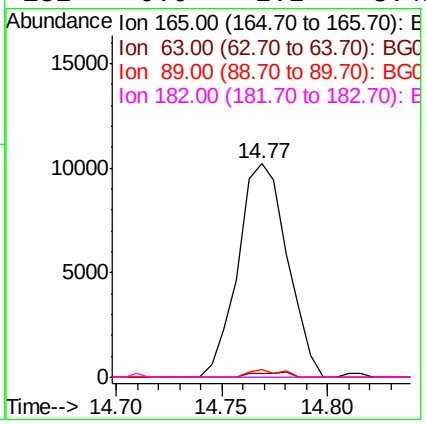


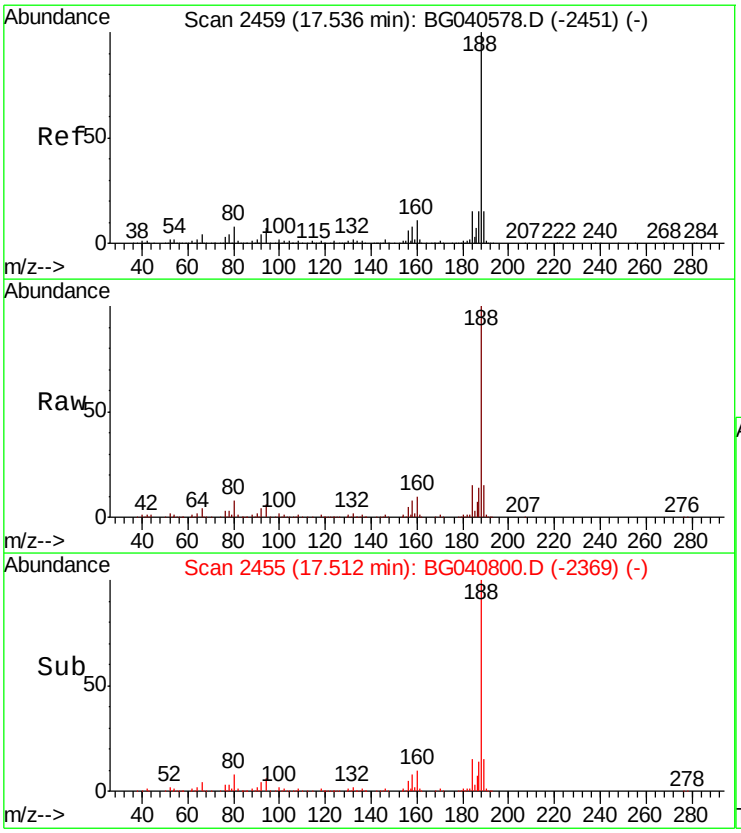
#57
2,4-Dinitrotoluene
Concen: 5.833 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Instrument :
BNA_G
ClientSampleId :
PB119558TB

Tgt Ion:165 Resp: 16496

Ion	Ratio	Lower	Upper
165	100		
63	1.9	45.8	68.8#
89	3.7	69.4	104.2#
182	0.0	2.2	3.4#

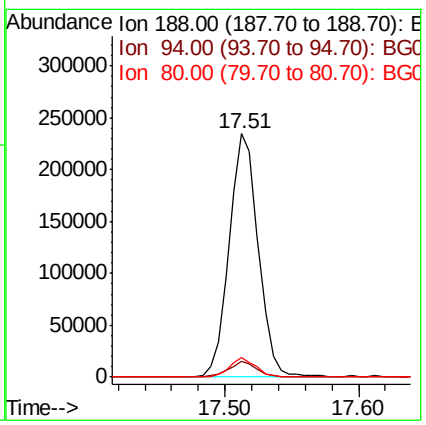


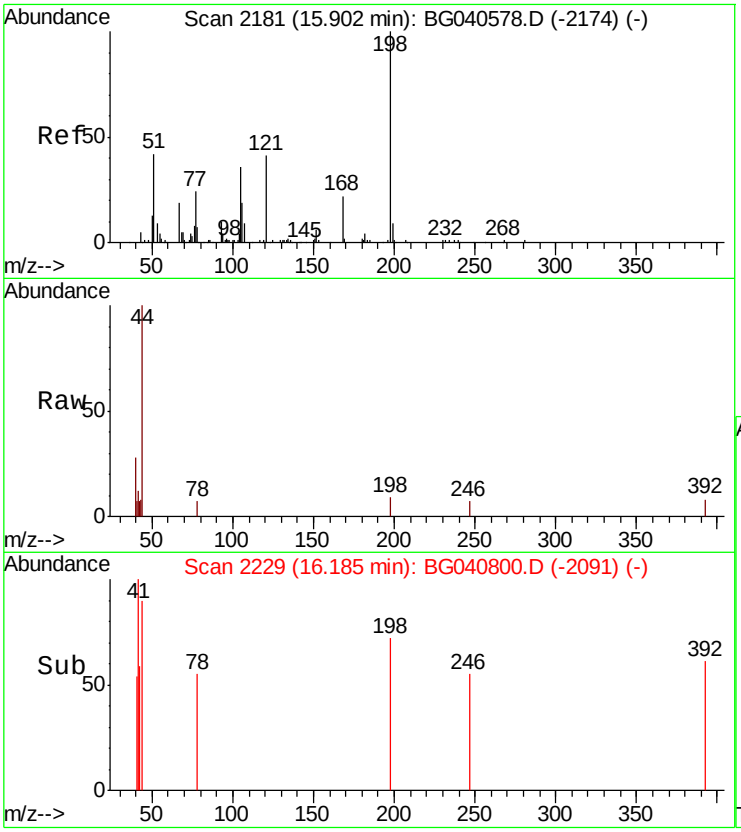


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Tgt Ion:188 Resp: 356431

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.6	8.4
80	8.1	6.4	9.6



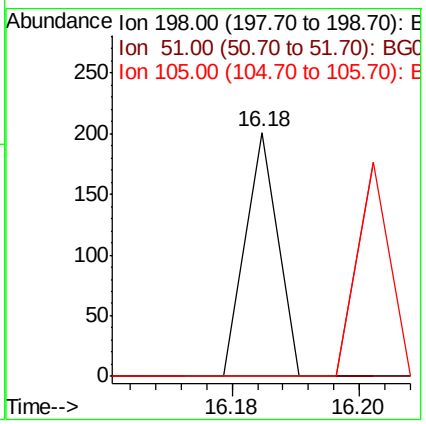


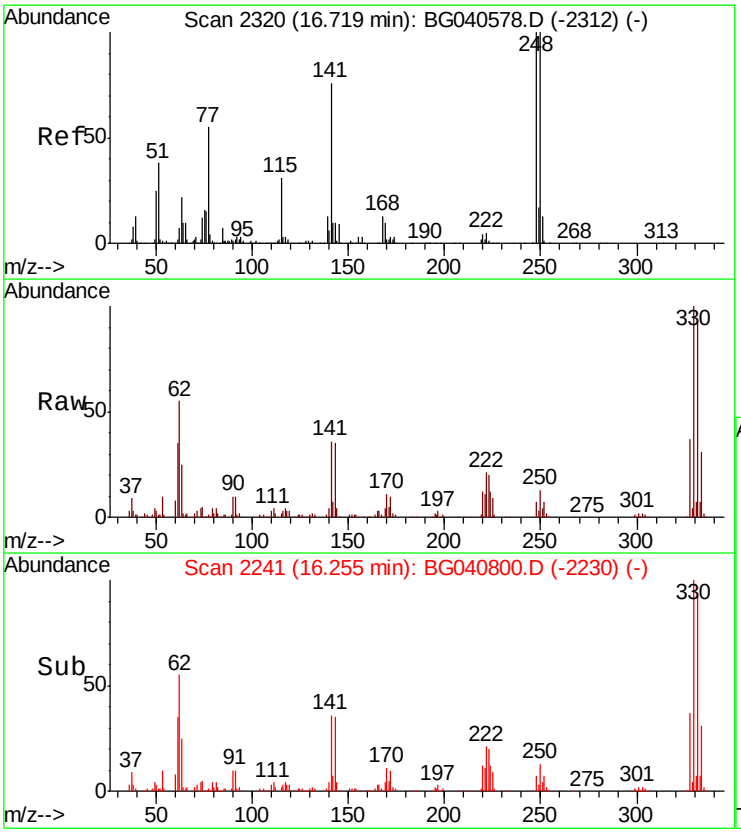
#65
4,6-Dinitro-2-methylphenol
Concen: 7.136 ng
RT: 16.18 min Scan# 2229
Delta R.T. 0.28 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Instrument :
BNA_G
ClientSampleId :
PB119558TB

Tgt Ion:198 Resp: 71

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

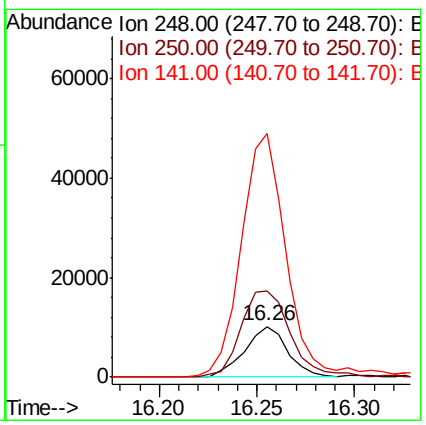


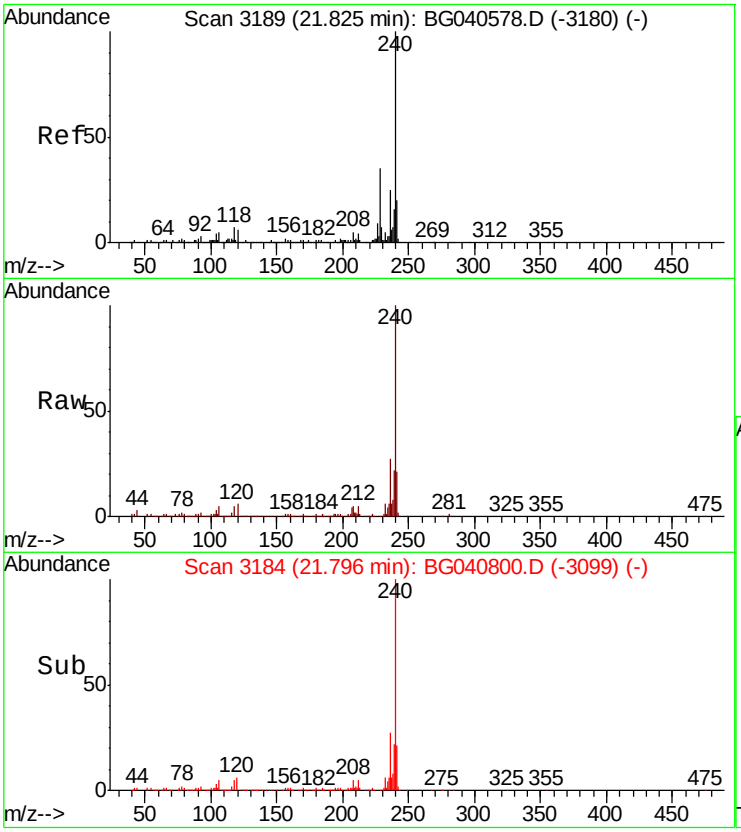


#67
4-Bromophenyl-phenylether
Concen: 3.484 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Tgt Ion:248 Resp: 15472

Ion	Ratio	Lower	Upper
248	100		
250	171.6	79.8	119.6#
141	482.6	60.8	91.2#



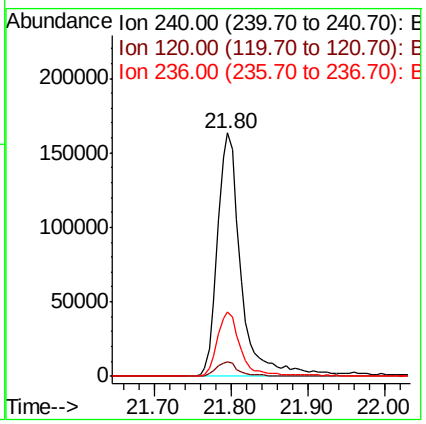


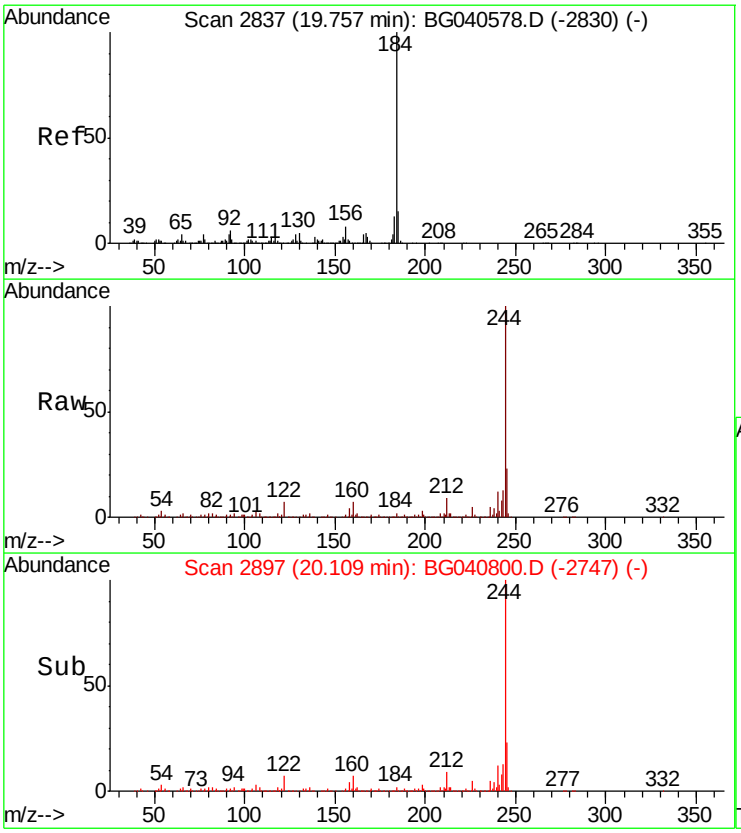
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Instrument :
BNA_G
ClientSampleId :
PB119558TB

Tgt Ion:240 Resp: 345833

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.0	7.6
236	26.5	20.3	30.5

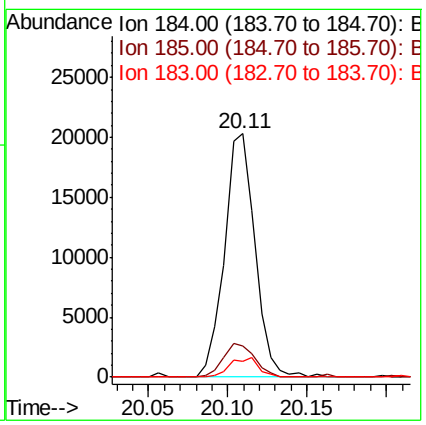


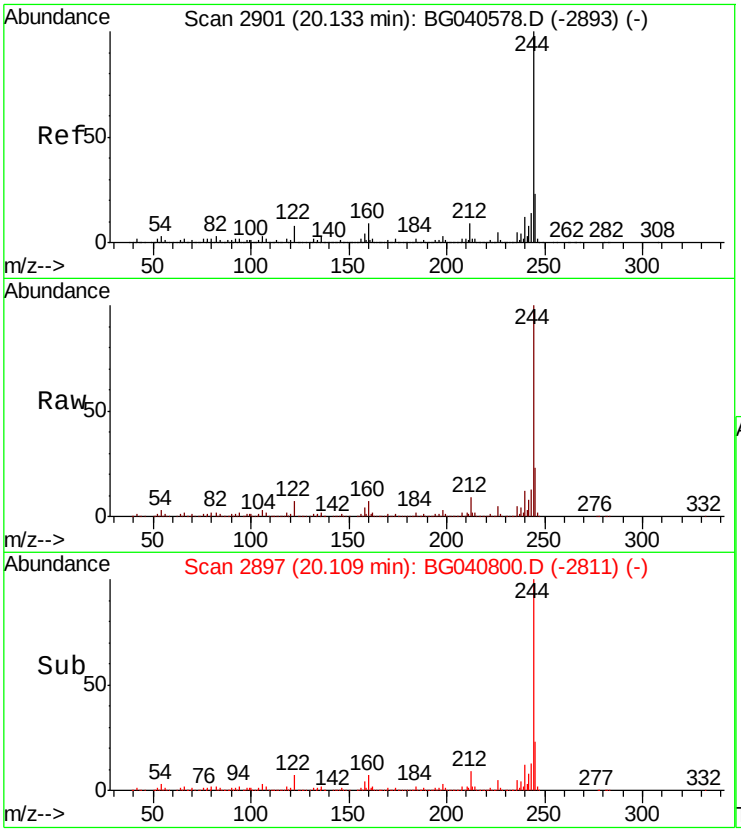


#77
Benzidine
Concen: 2.853 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Tgt Ion:184 Resp: 27019

Ion	Ratio	Lower	Upper
184	100		
185	13.0	11.8	17.8
183	6.3	10.2	15.2#



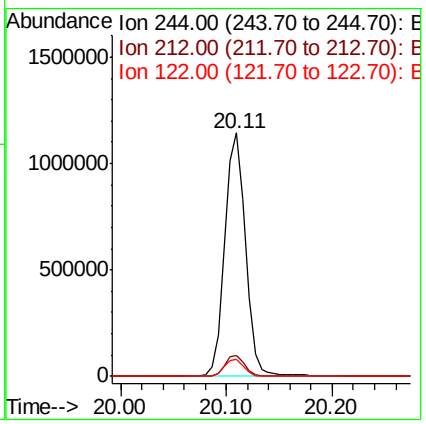


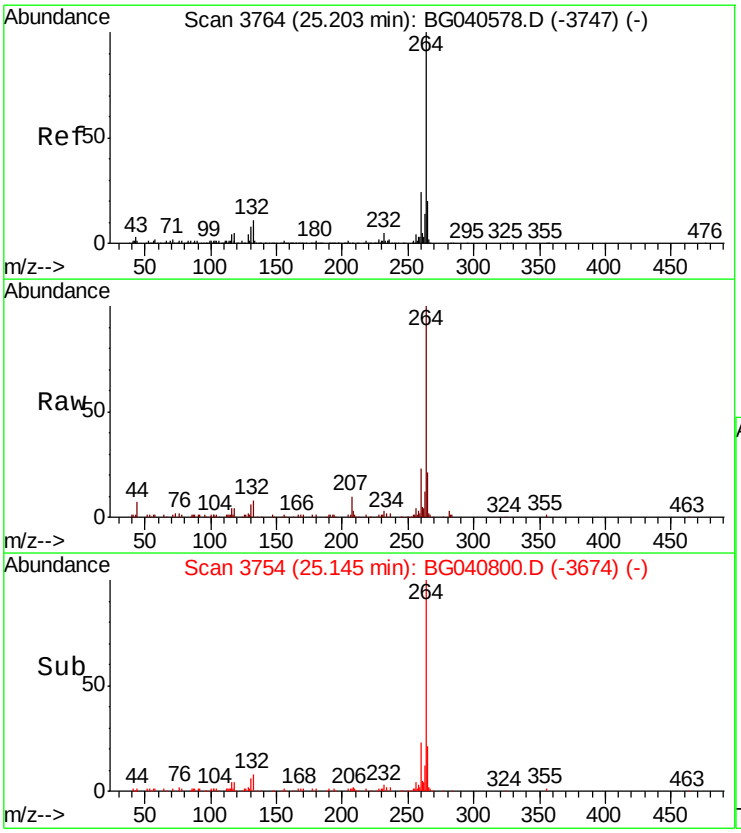
#79
Terphenyl-d14
Concen: 99.128 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Instrument :
BNA_G
ClientSampleId :
PB119558TB

Tgt Ion:244 Resp: 1547407

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.2	10.8
122	7.0	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3754
Delta R.T. -0.06 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Tgt Ion:264 Resp: 244560

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.7	16.6	25.0