Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071619\
Data File : BG041679.D
Acq On : 17 Jul 2019 4:32
Operator : HP/JU
Sample : PB121423TB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB121423TB

Quant Time: Jul 17 07:23:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	108416	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	455272	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	288391	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	701882	20.00	ng	0.00
76) Chrysene-d12	21.65	240	696297	20.00	ng	-0.01
87) Perylene-d12	24.85	264	772665	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	809934	122.13	ng	0.00
7) Phenol-d6	7.20	99	1114601	124.95	ng	0.00
23) Nitrobenzene-d5	9.20	82	671381	89.68	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	397808	122.40	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1599007	85.86	ng	0.00
79) Terphenyl-d14	20.01	244	2417118	81.12	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.21	77	1883	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	9.20	70	90618	13.899	ng	# 74
51) 2,6-Dinitrotoluene	14.67	165	36983	7.698	ng	# 28
57) 2,4-Dinitrotoluene	14.67	165	36983	5.823	ng	# 29
65) 4,6-Dinitro-2-methylphenol	15.83	198	58	6.689	ng	# 35
67) 4-Bromophenyl-phenylether	16.14	248	31072	3.721	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071619\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
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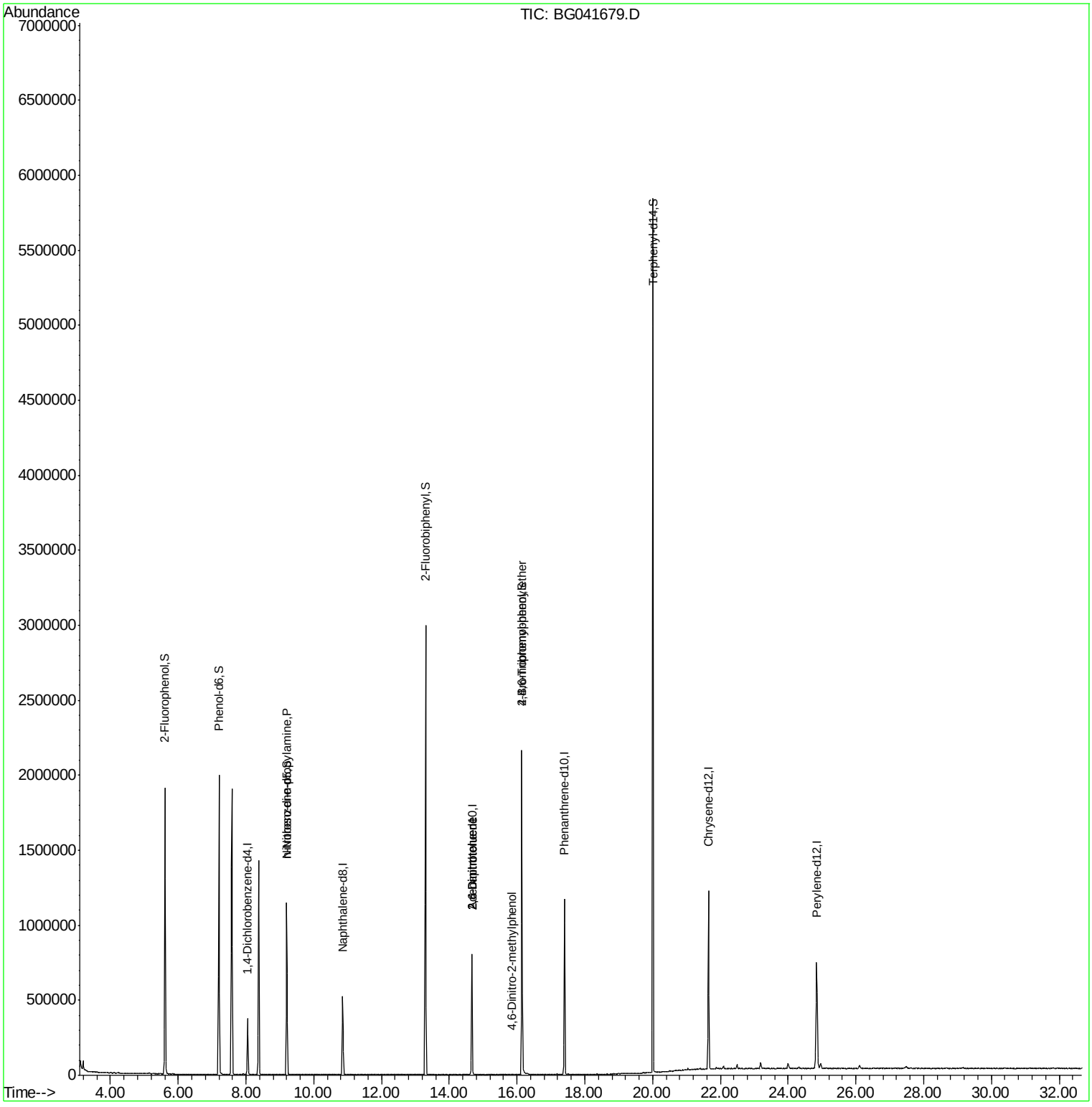
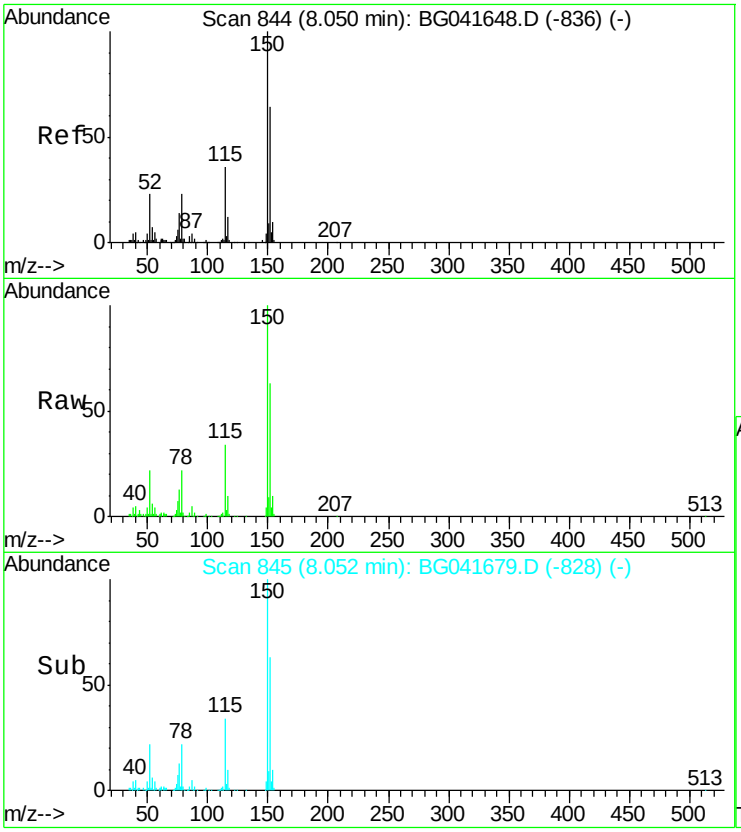


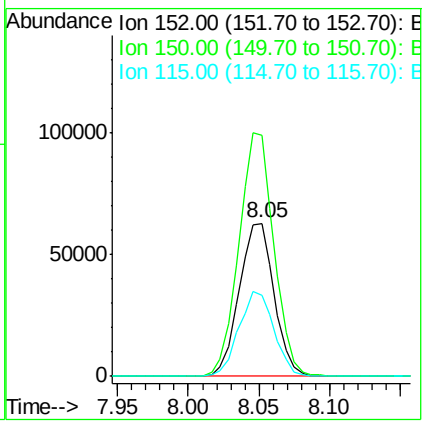


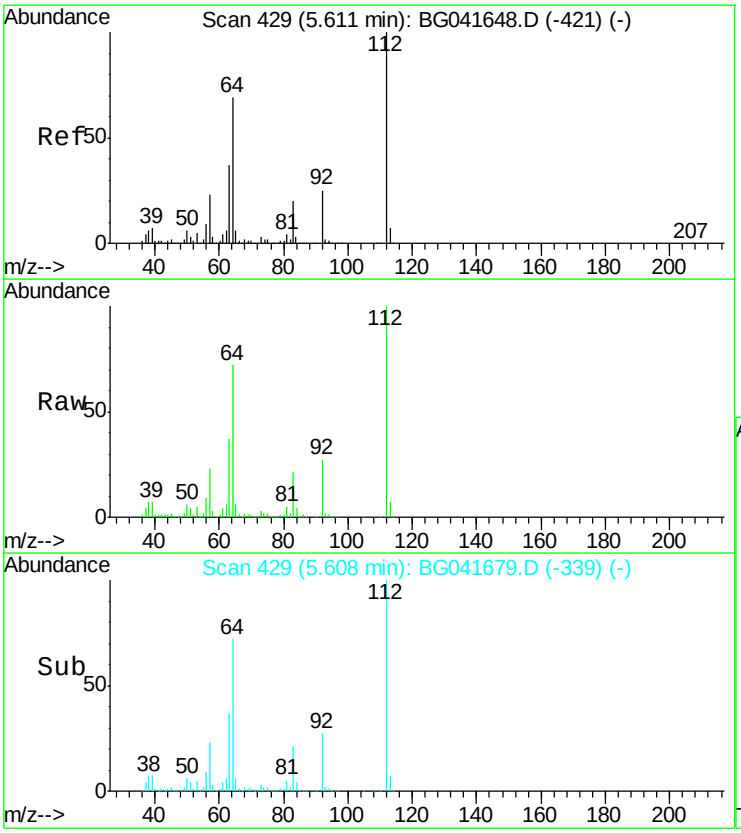
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB121423TB

Tgt Ion:152 Resp: 108416

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.9	190.3
115	53.4	45.0	67.6

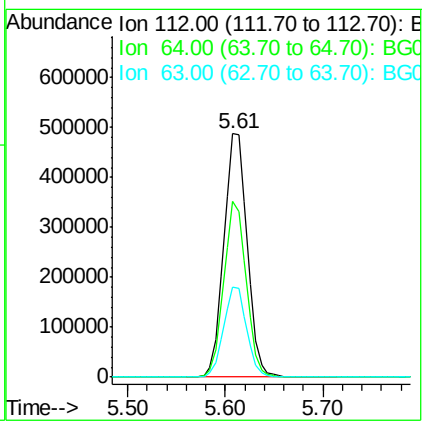


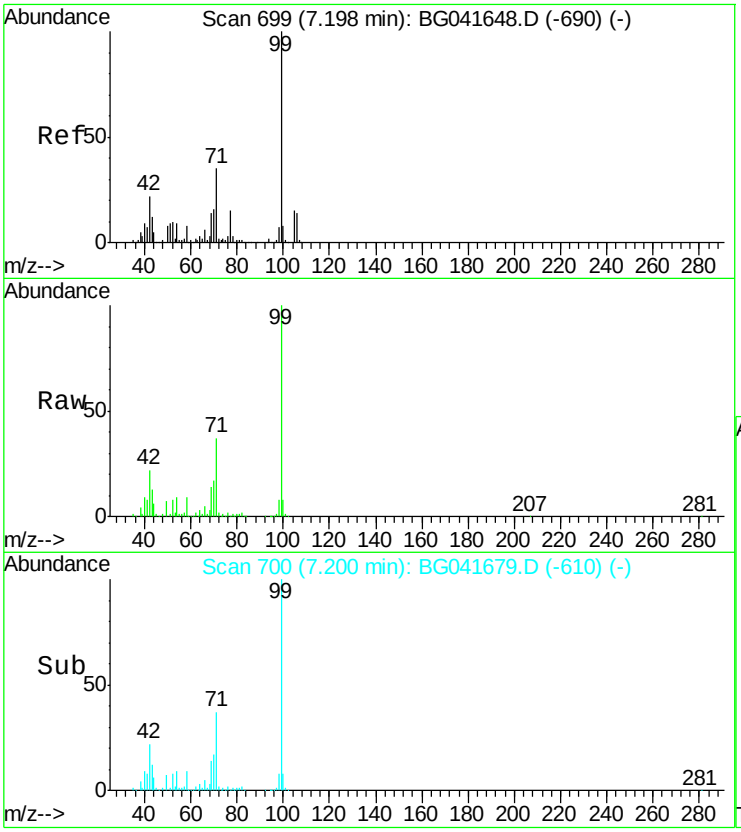


#5
2-Fluorophenol
Concen: 122.126 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Tgt Ion:112 Resp: 809934

Ion	Ratio	Lower	Upper
112	100		
64	72.2	55.4	83.2
63	37.1	29.1	43.7



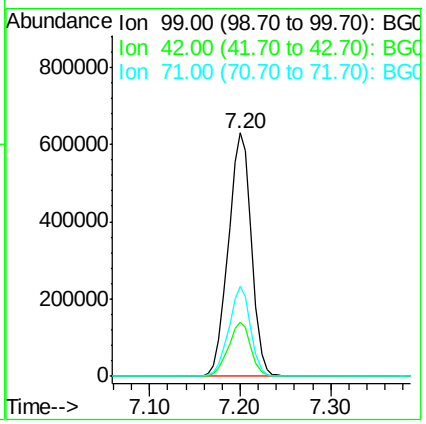


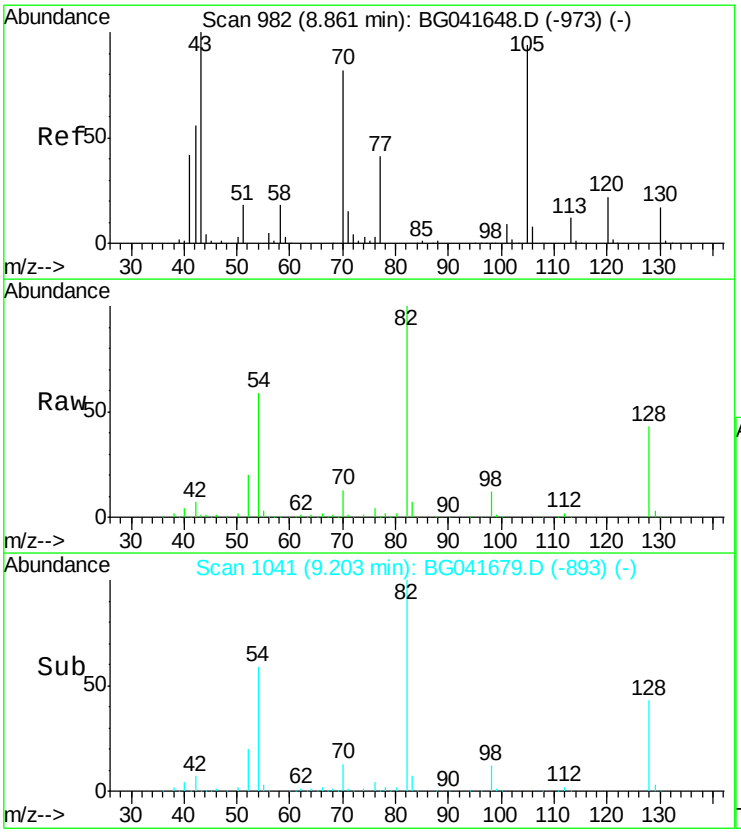
#7
Phenol-d6
Concen: 124.951 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB121423TB

Tgt Ion: 99 Resp: 1114601

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.6	26.4
71	37.1	27.8	41.6

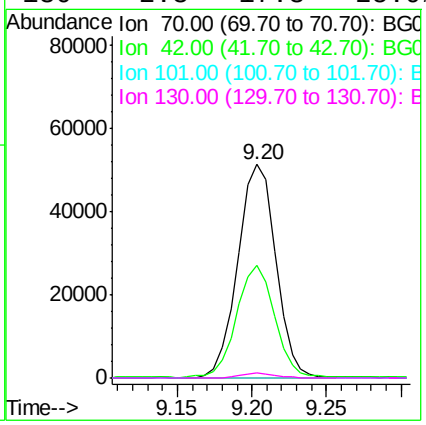


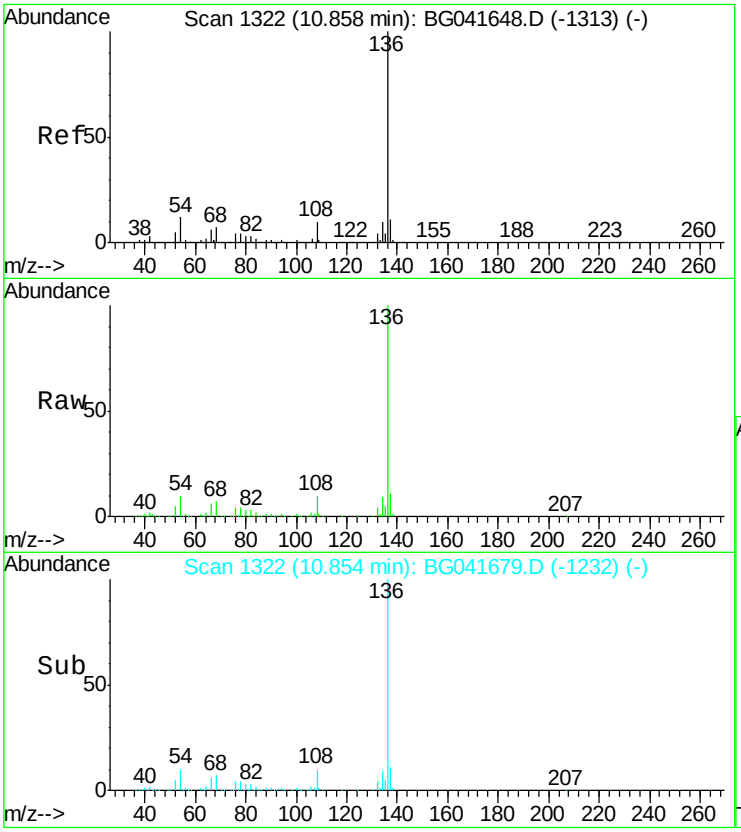


#19
n-Nitroso-di-n-propylamine
Concen: 13.899 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.34 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Tgt Ion: 70 Resp: 90618

Ion	Ratio	Lower	Upper
70	100		
42	52.8	55.8	83.6#
101	0.0	8.1	12.1#
130	2.3	17.3	25.9#



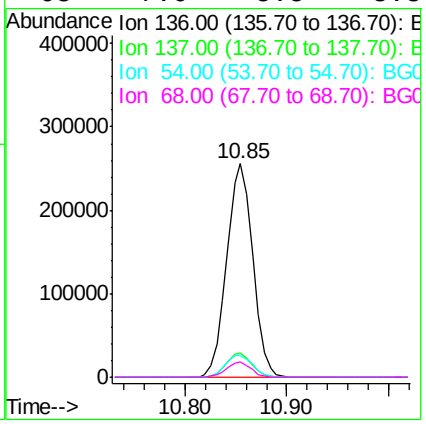


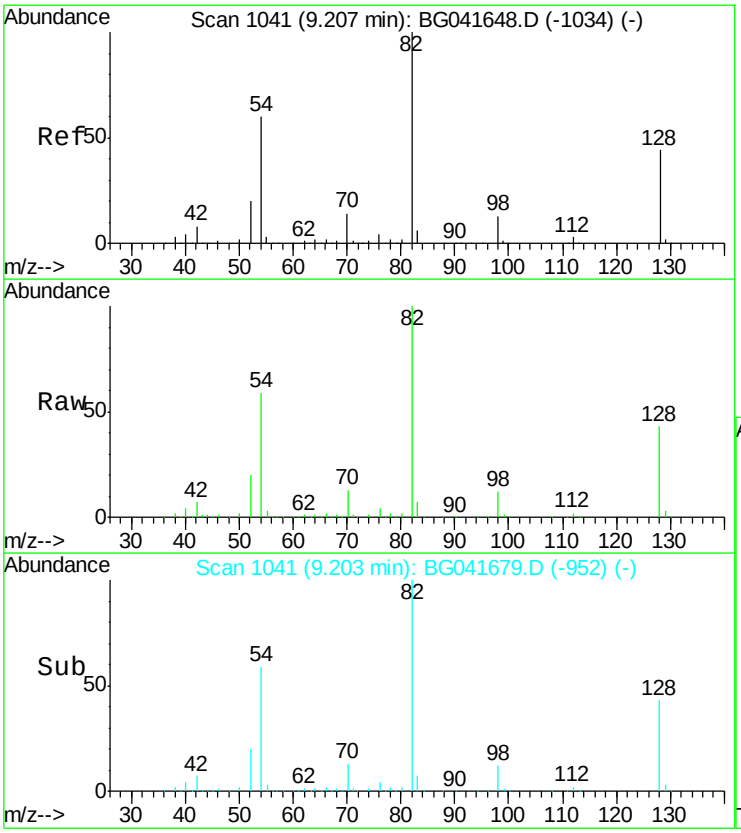
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB121423TB

Tgt Ion:136 Resp: 455272

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	10.1	8.7	13.1
68	7.0	5.5	8.3

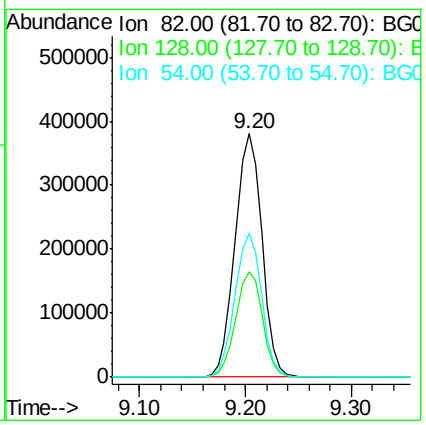


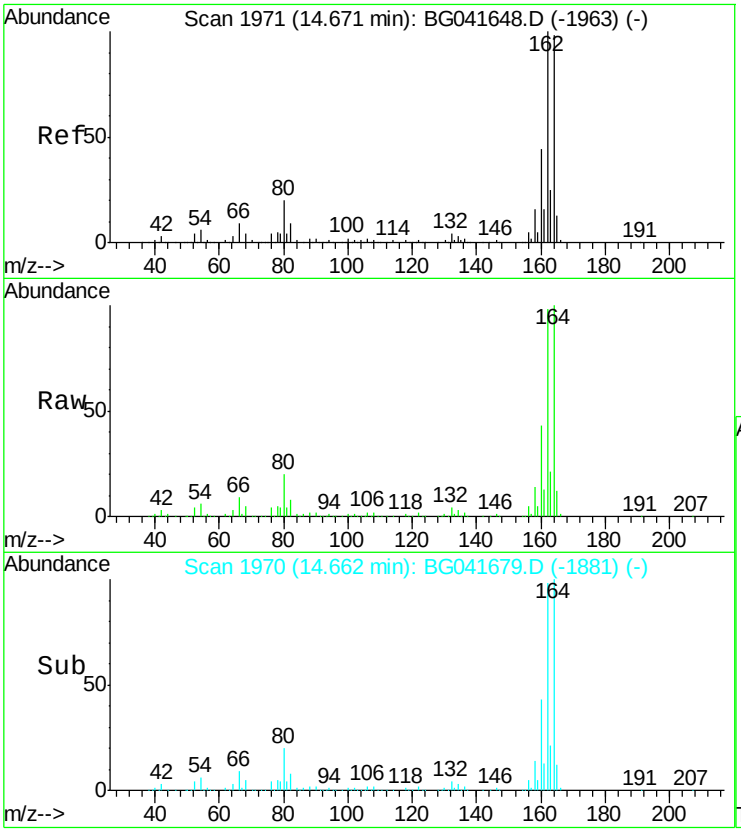


#23
Nitrobenzene-d5
Concen: 89.683 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Tgt Ion: 82 Resp: 671381

Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.1	52.7
54	59.1	48.7	73.1



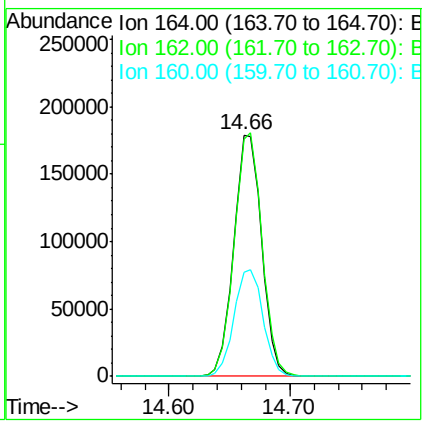


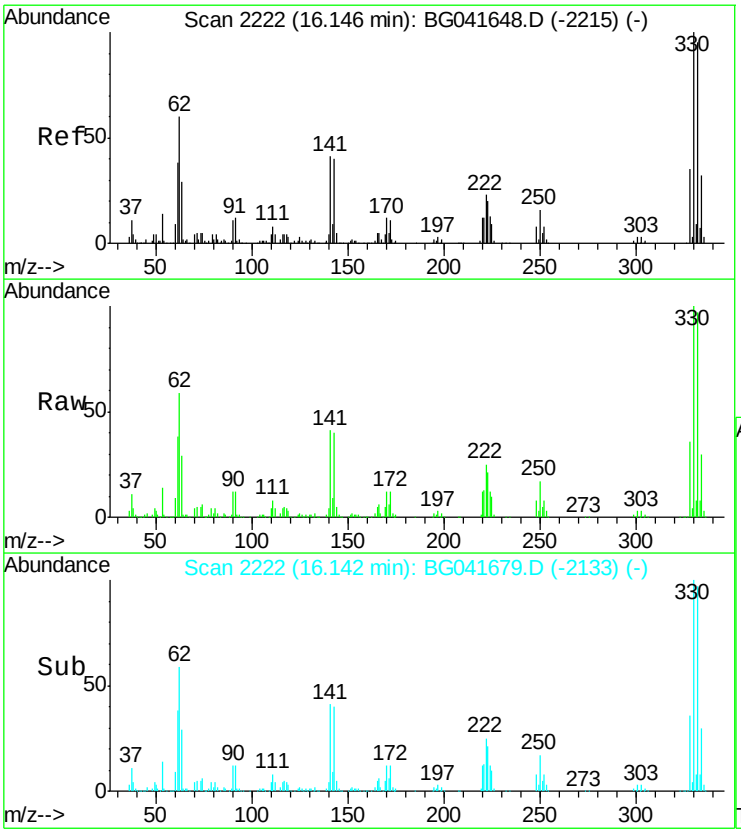
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB121423TB

Tgt Ion:164 Resp: 288391

Ion	Ratio	Lower	Upper
164	100		
162	98.1	79.6	119.4
160	43.1	35.4	53.0

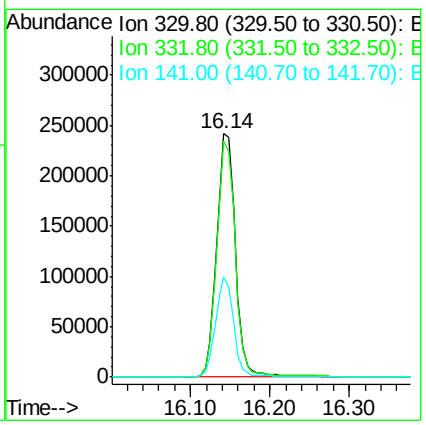


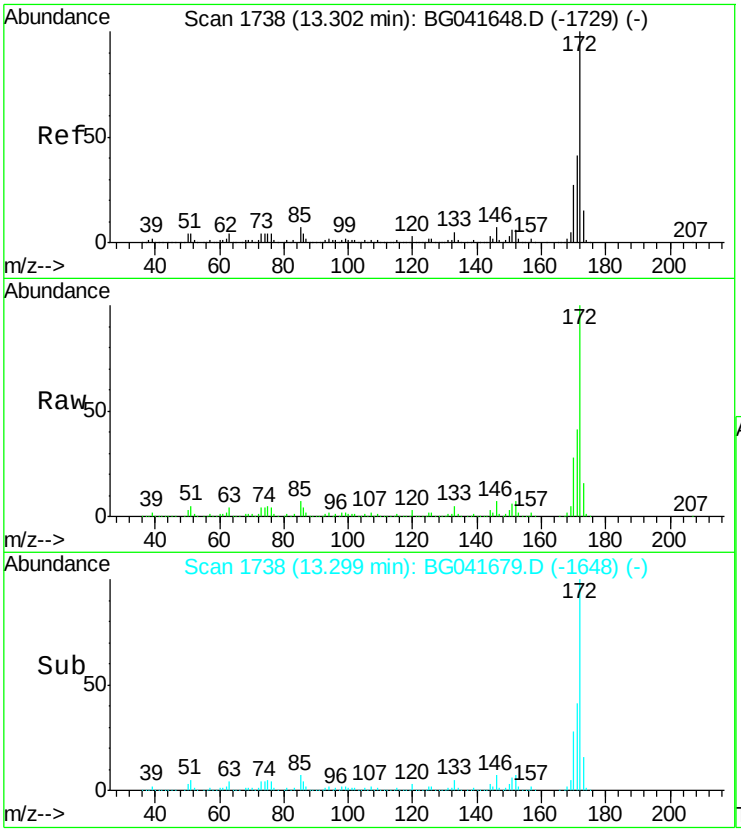


#42
2,4,6-Tribromophenol
Concen: 122.398 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Tgt Ion:330 Resp: 397808

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.0
141	39.4	31.9	47.9



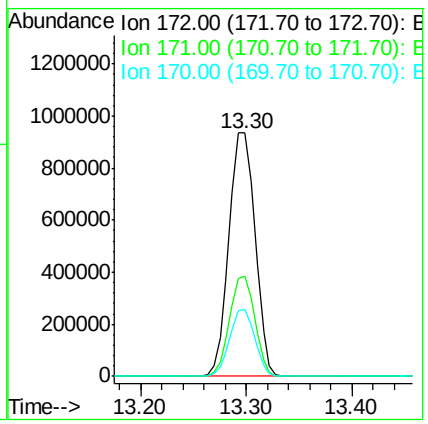


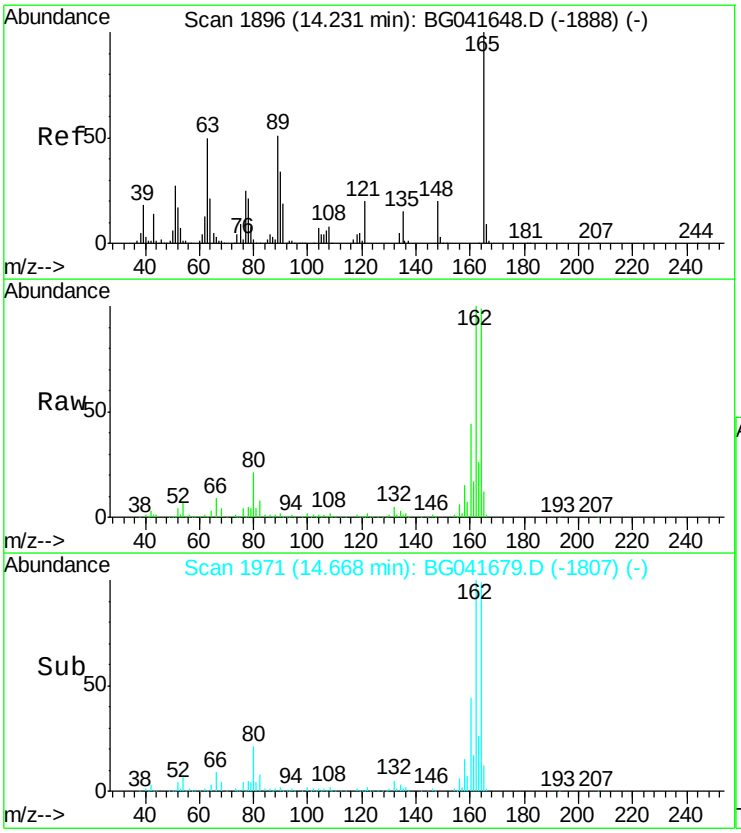
#45
2-Fluorobiphenyl
Concen: 85.858 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB121423TB

Tgt Ion:172 Resp: 1599007

Ion	Ratio	Lower	Upper
172	100		
171	41.3	35.0	52.4
170	27.6	23.5	35.3

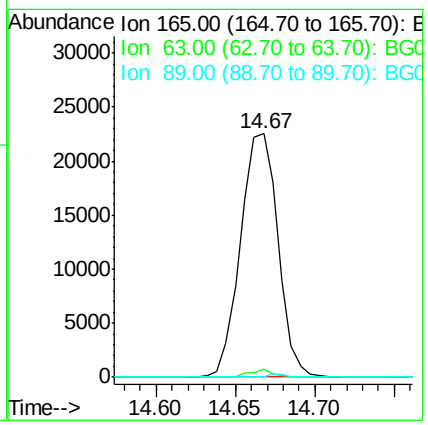


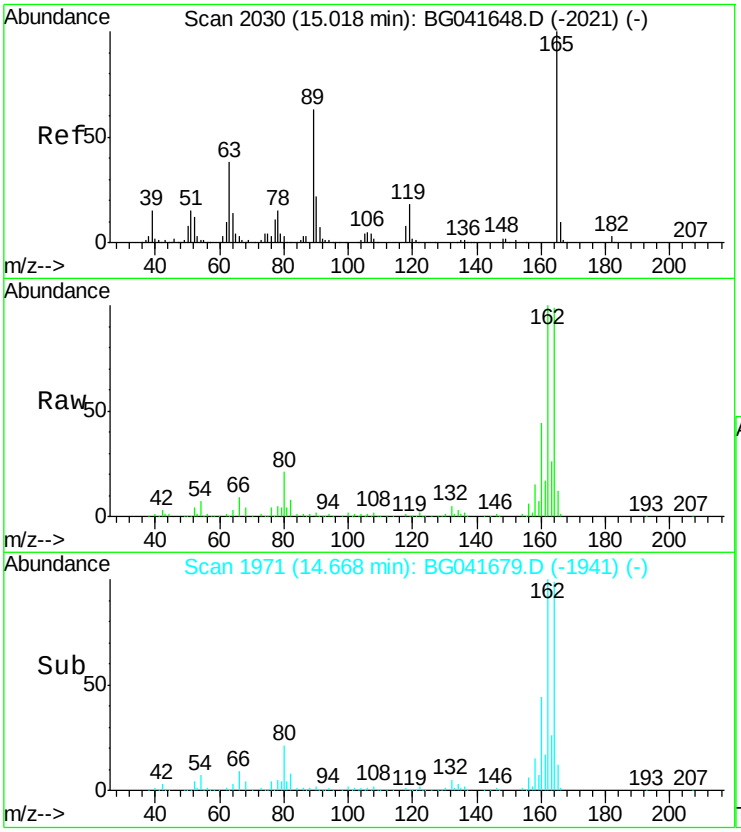


#51
2,6-Dinitrotoluene
Concen: 7.698 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.43 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Tgt Ion:165 Resp: 36983

Ion	Ratio	Lower	Upper
165	100		
63	3.4	42.4	63.6#
89	0.0	42.1	63.1#



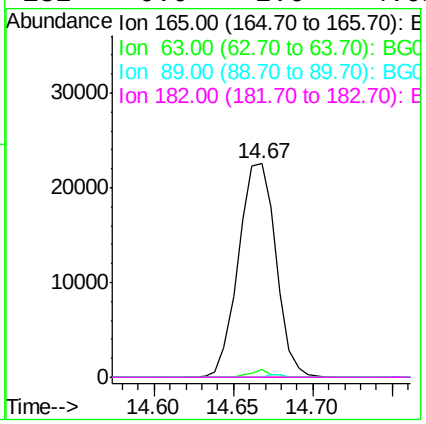


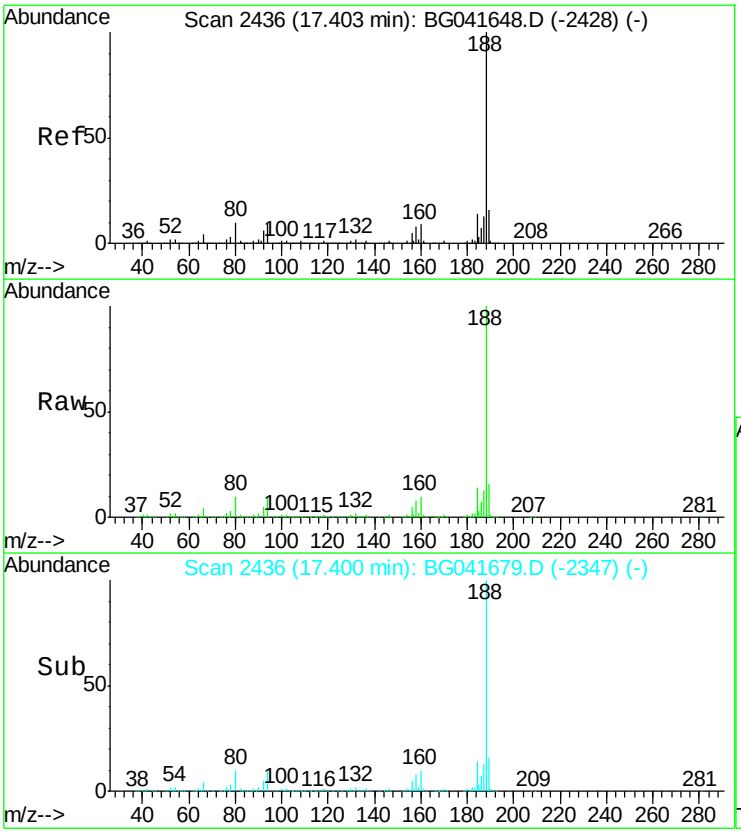
#57
2,4-Dinitrotoluene
Concen: 5.823 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.36 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB121423TB

Tgt Ion:165 Resp: 36983

Ion	Ratio	Lower	Upper
165	100		
63	3.4	31.7	47.5#
89	0.0	50.2	75.4#
182	0.0	2.6	4.0#

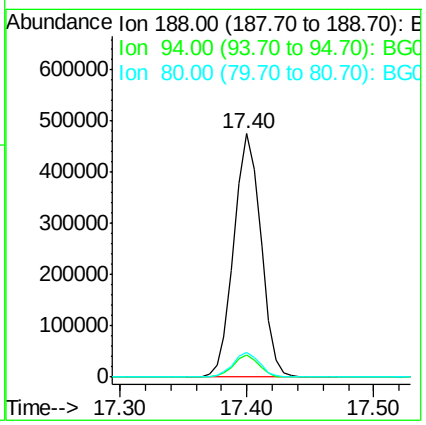


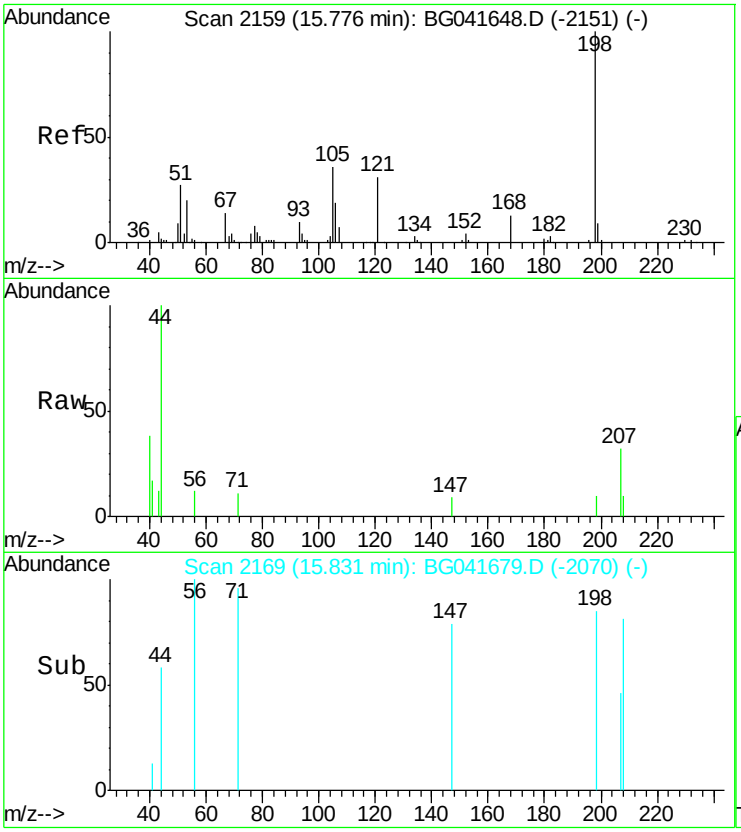


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Tgt Ion:188 Resp: 701882

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.9	10.3
80	10.2	8.0	12.0



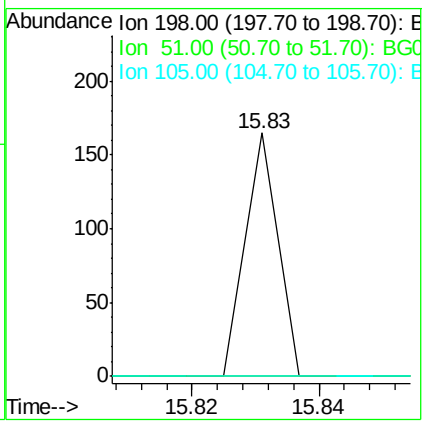


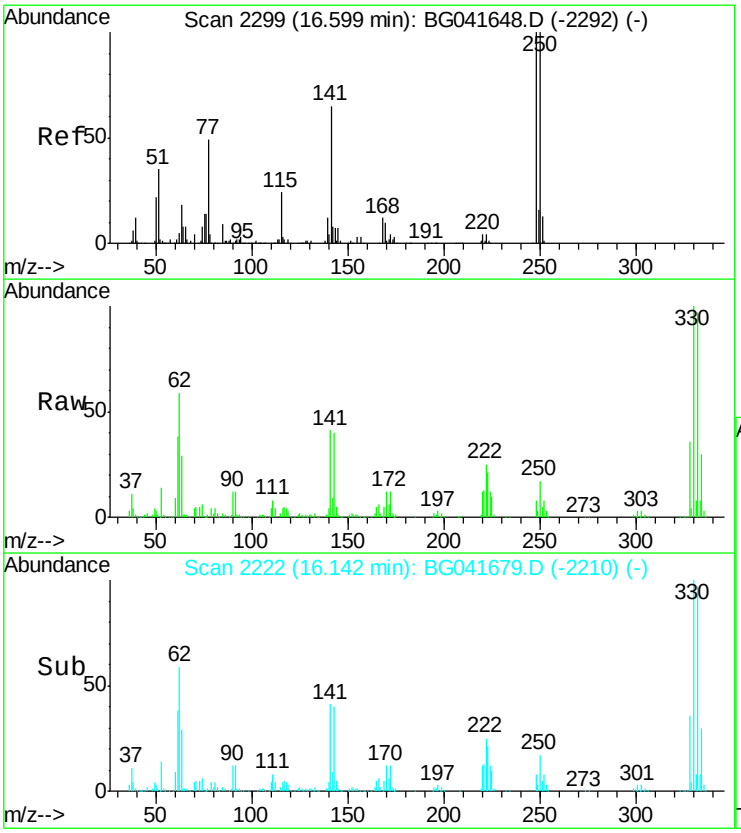
#65
4,6-Dinitro-2-methylphenol
Concen: 6.689 ng
RT: 15.83 min Scan# 2169
Delta R.T. 0.05 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB121423TB

Tgt Ion:198 Resp: 58

Ion	Ratio	Lower	Upper
198	100		
51	0.0	22.3	62.3#
105	0.0	18.0	58.0#

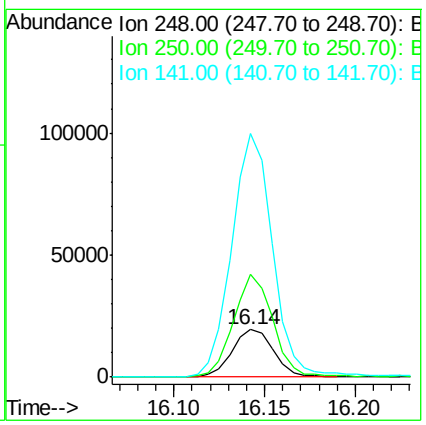


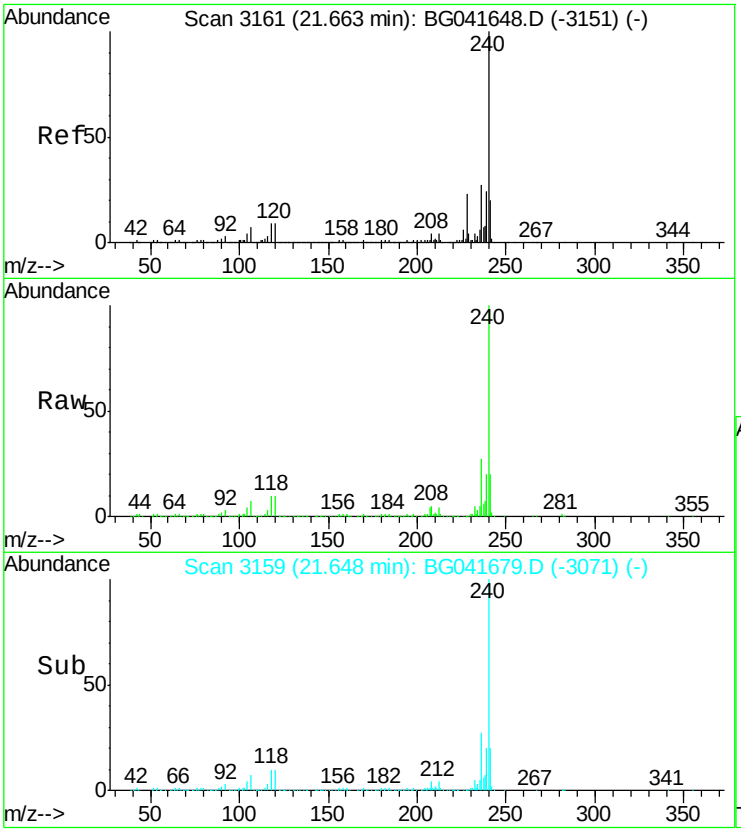


#67
4-Bromophenyl-phenylether
Concen: 3.721 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.46 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Tgt Ion:248 Resp: 31072

Ion	Ratio	Lower	Upper
248	100		
250	216.9	78.1	117.1#
141	515.5	49.6	74.4#



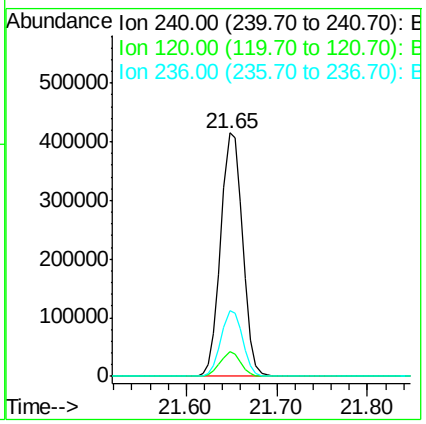


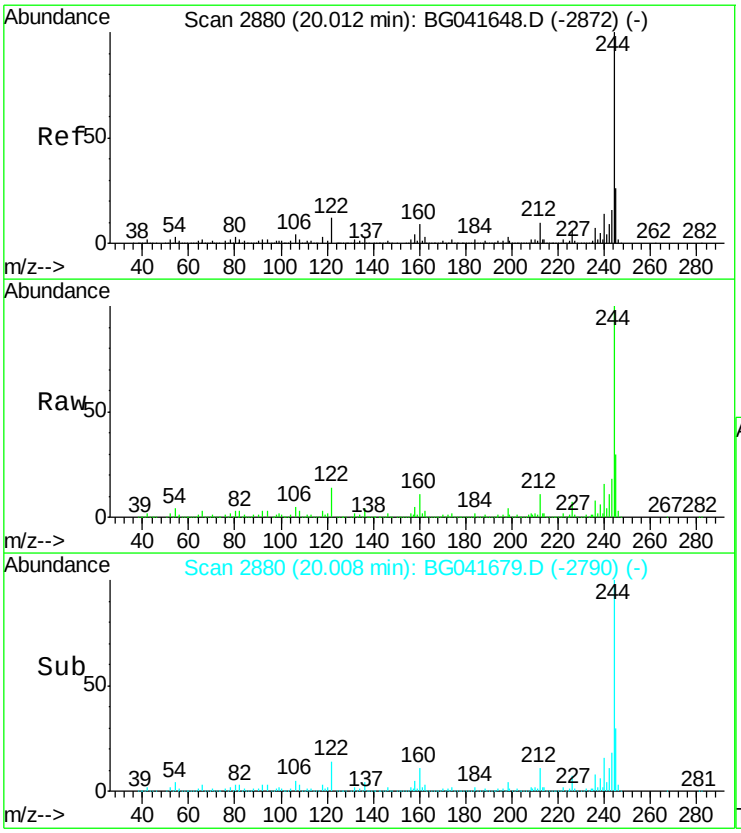
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB121423TB

Tgt Ion:240 Resp: 696297

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.0	12.0
236	27.1	22.6	33.8

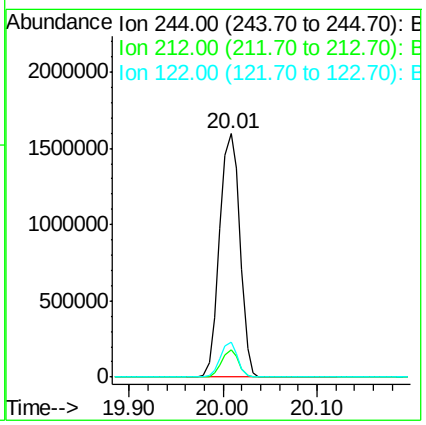


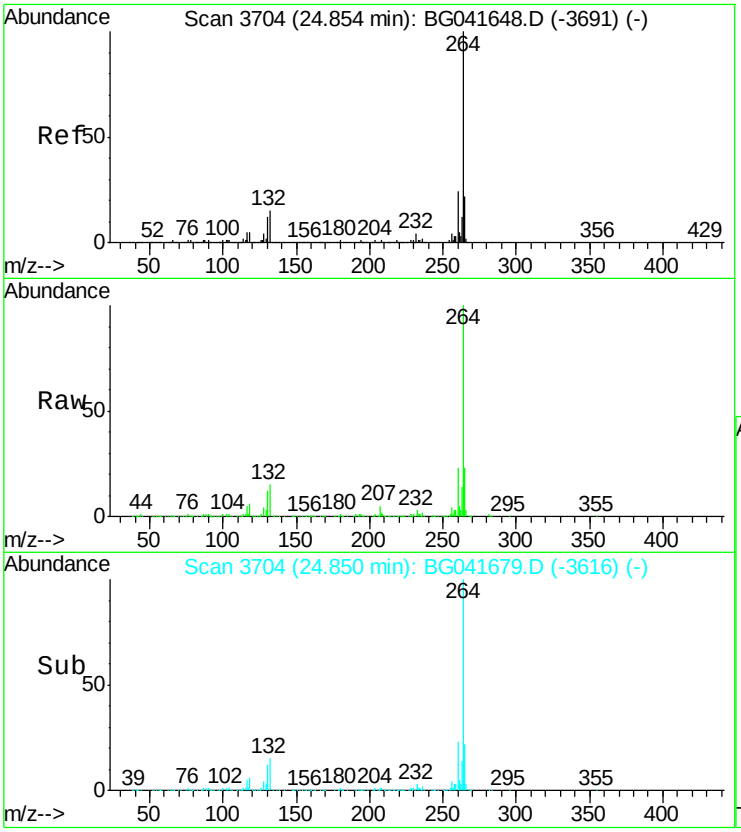


#79
Terphenyl-d14
Concen: 81.122 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Tgt Ion:244 Resp: 2417118

Ion	Ratio	Lower	Upper
244	100		
212	11.2	9.7	14.5
122	14.4	12.5	18.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB121423TB

Tgt Ion:264 Resp: 772665

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.6	18.0	27.0