Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
Data File : BG041653.D
Acq On : 15 Jul 2019 17:37
Operator : HP/JU
Sample : K3761-02RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 16 07:50:54 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	110291	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	434993	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	275303	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	648838	20.00	ng	0.00
76) Chrysene-d12	21.65	240	643632	20.00	ng	0.00
87) Perylene-d12	24.86	264	712145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	776370	115.07	ng	0.00
7) Phenol-d6	7.21	99	990779	109.18	ng	0.00
23) Nitrobenzene-d5	9.21	82	721676	100.90	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	472087	152.16	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1677843	94.37	ng	0.00
79) Terphenyl-d14	20.01	244	2461095	89.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	28833	8.998	ng	# 1
9) Benzaldehyde	7.21	77	2585	Below Cal		# 42
19) n-Nitroso-di-n-propylamine	9.21	70	100556	15.161	ng	# 75
26) 2-Nitrophenol	9.59	139	118	4.683	ng	# 34
32) Benzoic acid	10.09	122	138	6.037	ng	# 25
51) 2,6-Dinitrotoluene	14.67	165	36591	7.978	ng	# 28
57) 2,4-Dinitrotoluene	14.67	165	36591	6.036	ng	# 30
65) 4,6-Dinitro-2-methylphenol	16.15	198	1759	7.166	ng	# 6
67) 4-Bromophenyl-phenylether	16.15	248	37163	4.814	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 15 Jul 2019 17:37
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QLast Update : Mon Jul 15 16:16:21 2019
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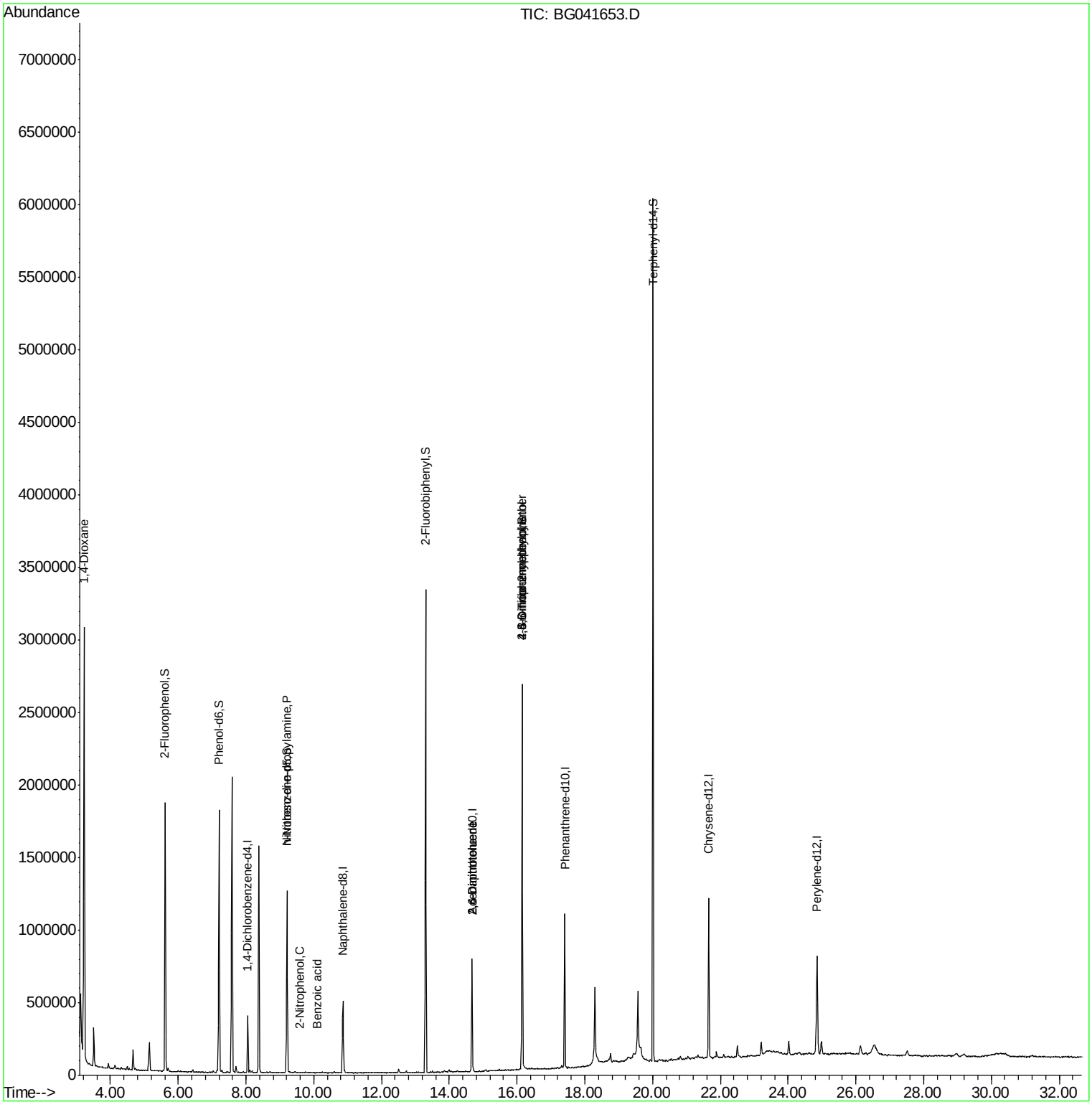
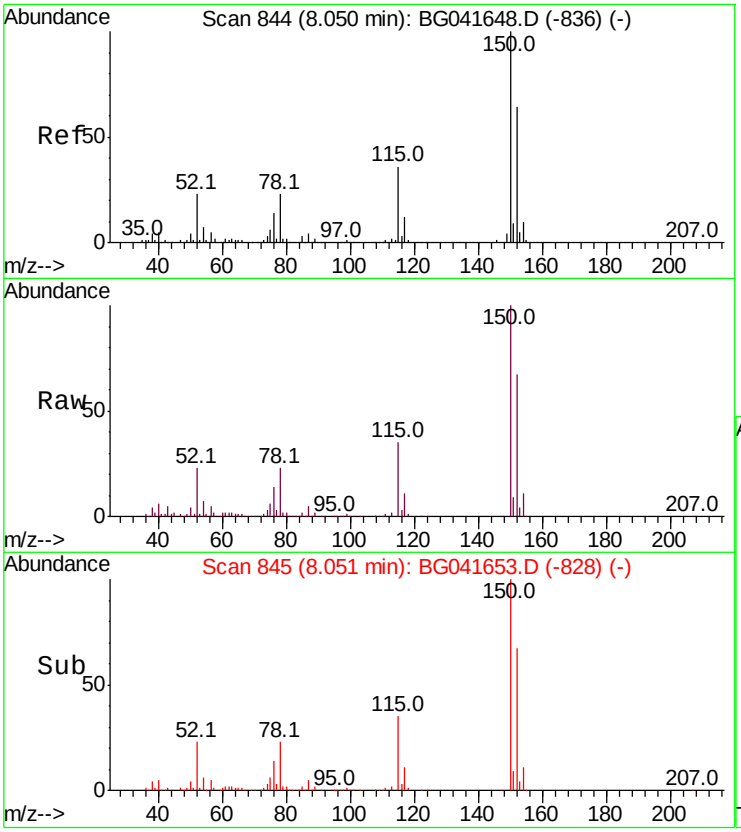


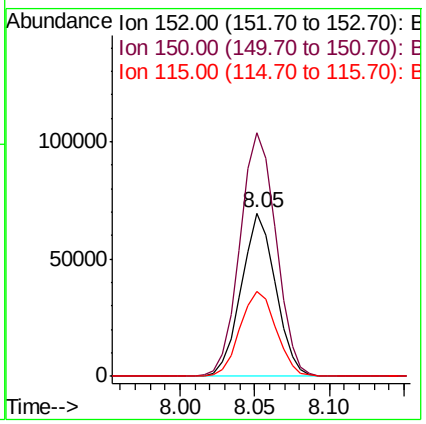


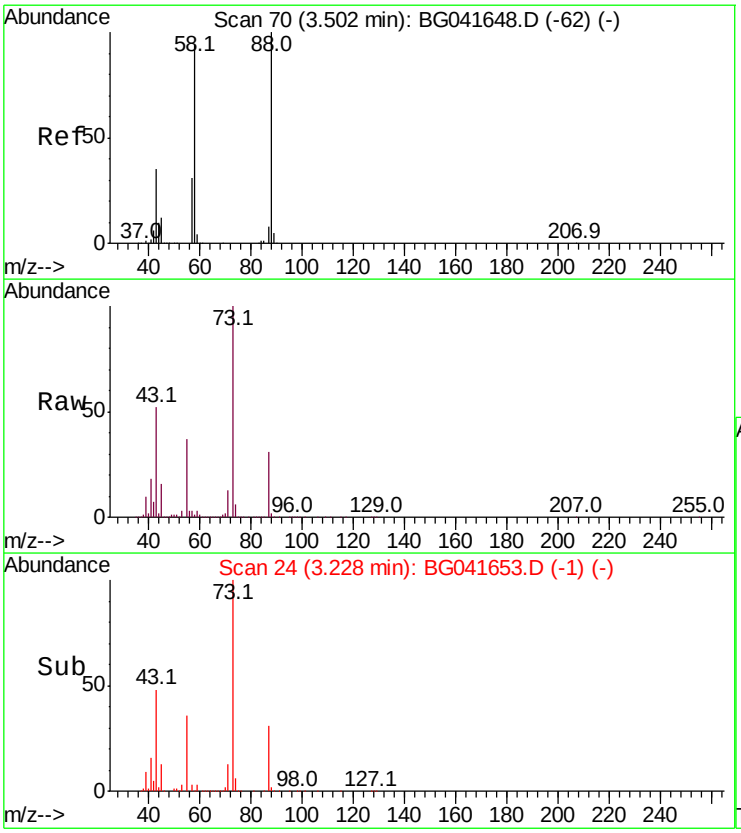
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 110291

Ion	Ratio	Lower	Upper
152	100		
150	149.0	126.9	190.3
115	52.1	45.0	67.6

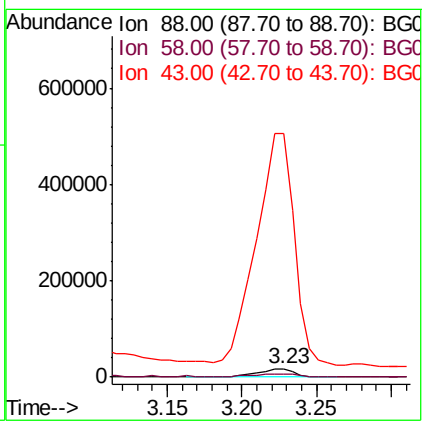


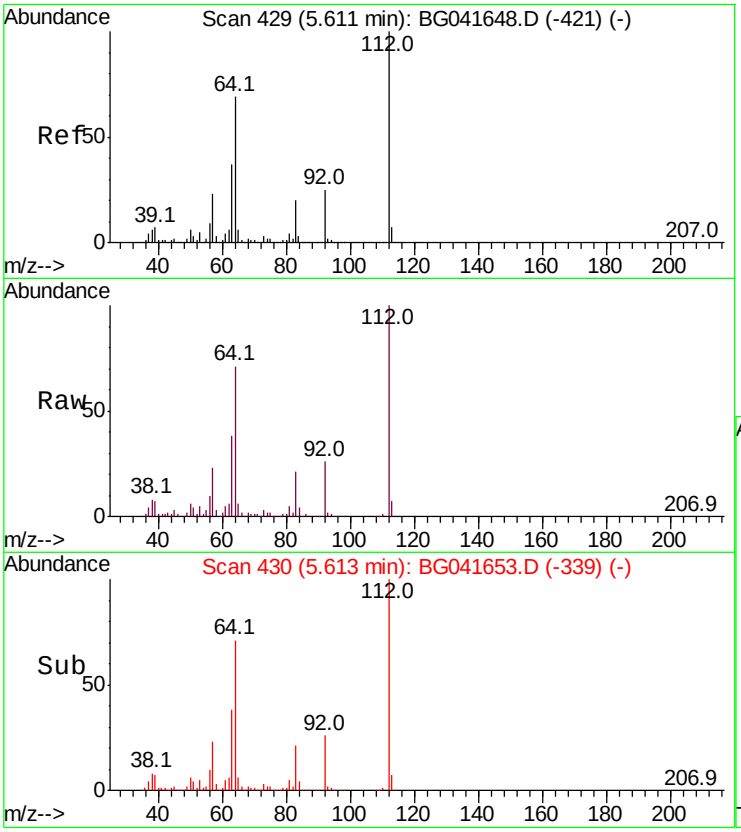


#2
1,4-Dioxane
Concen: 8.998 ng
RT: 3.23 min Scan# 24
Delta R.T. -0.27 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Tgt Ion: 88 Resp: 28833

Ion	Ratio	Lower	Upper
88	100		
58	34.6	76.2	114.2#
43	2917.2	27.2	40.8#



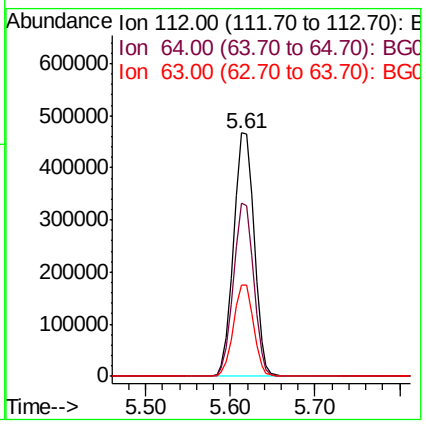


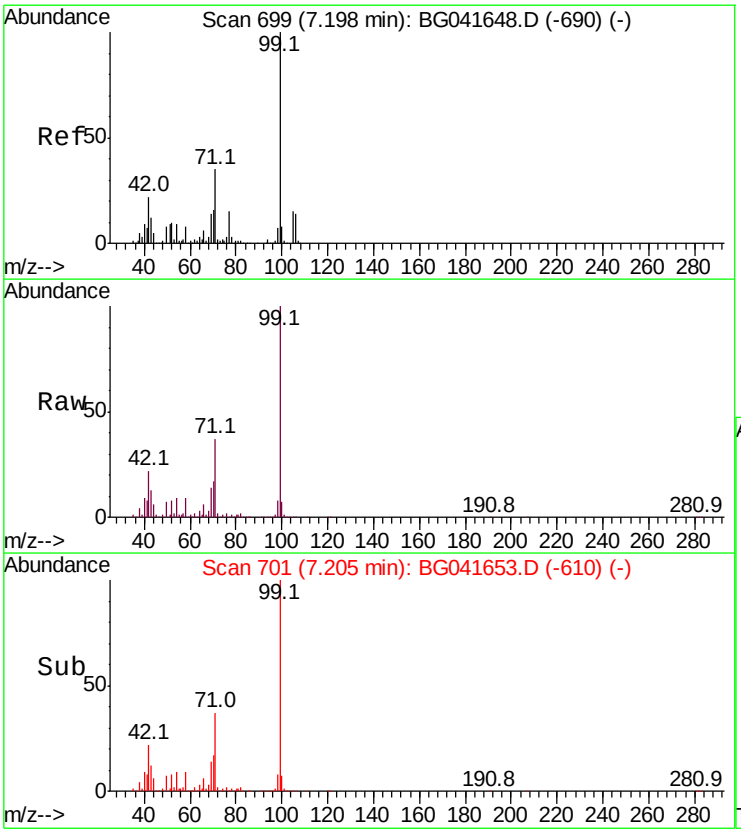
#5
2-Fluorophenol
Concen: 115.075 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 776370

Ion	Ratio	Lower	Upper
112	100		
64	71.4	55.4	83.2
63	37.7	29.1	43.7

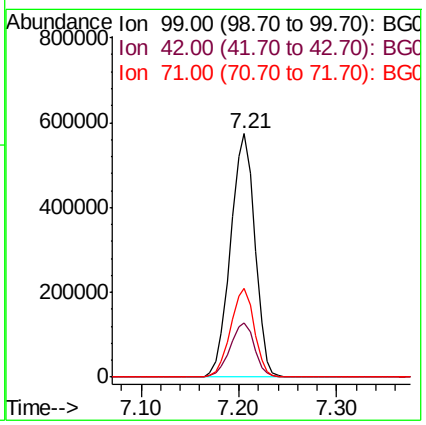


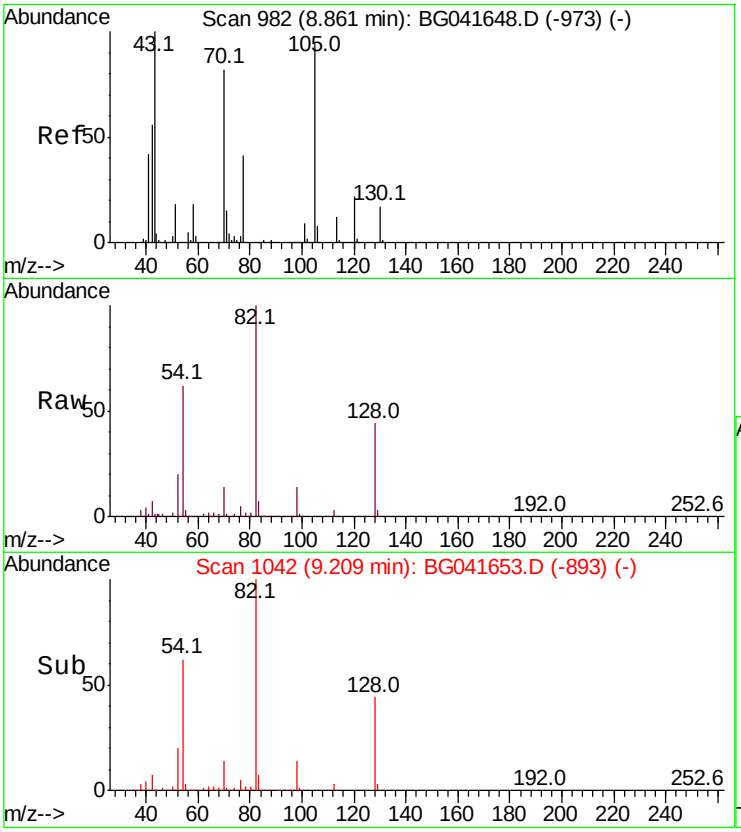


#7
Phenol-d6
Concen: 109.182 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Tgt Ion: 99 Resp: 990779

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.6	26.4
71	36.6	27.8	41.6



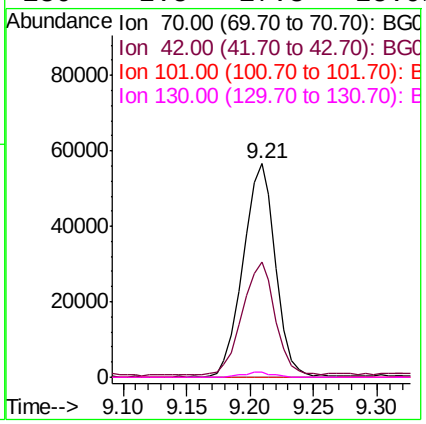


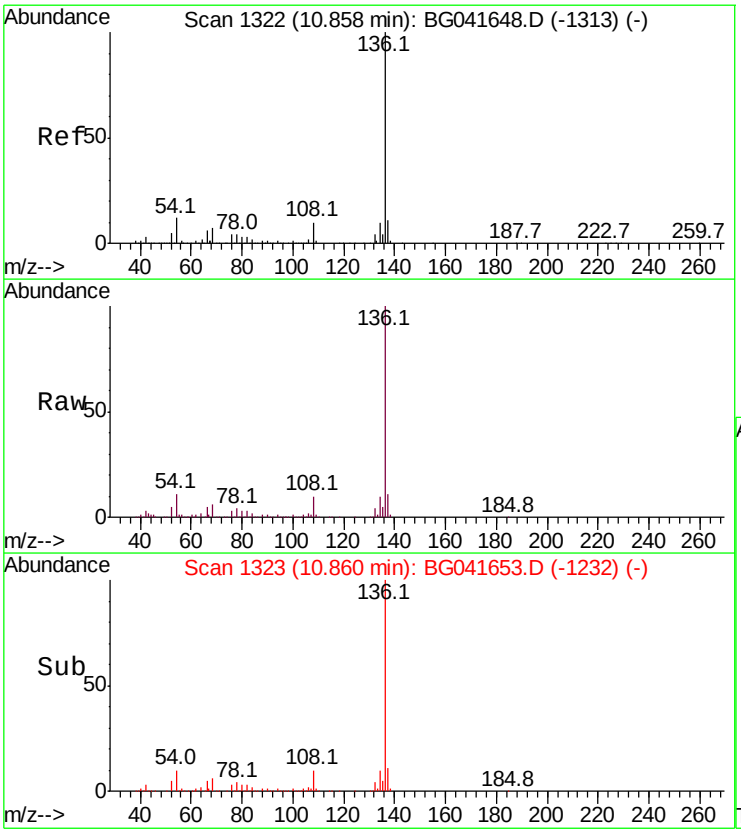
#19
n-Nitroso-di-n-propylamine
Concen: 15.161 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.34 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 100556

Ion	Ratio	Lower	Upper
70	100		
42	53.8	55.8	83.6#
101	0.0	8.1	12.1#
130	2.5	17.3	25.9#

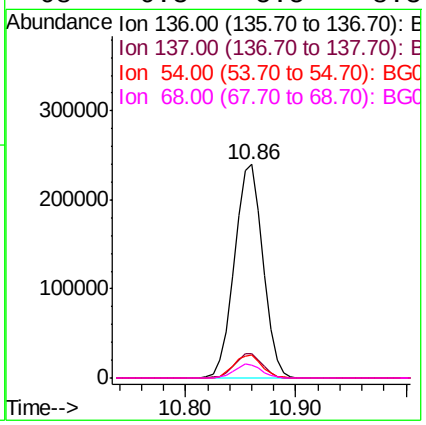


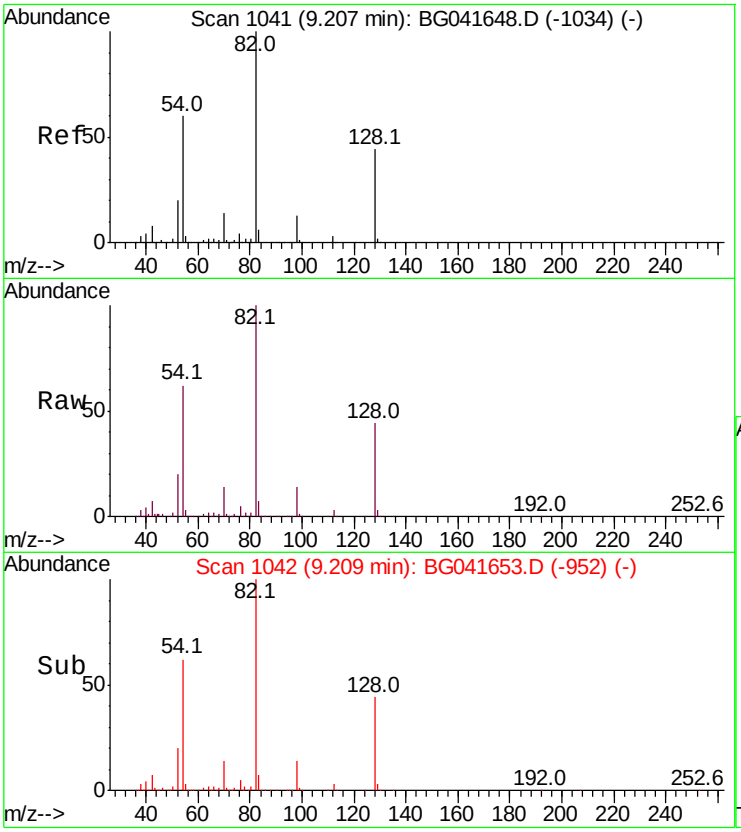


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Tgt Ion:136 Resp: 434993

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	10.5	8.7	13.1
68	6.3	5.5	8.3



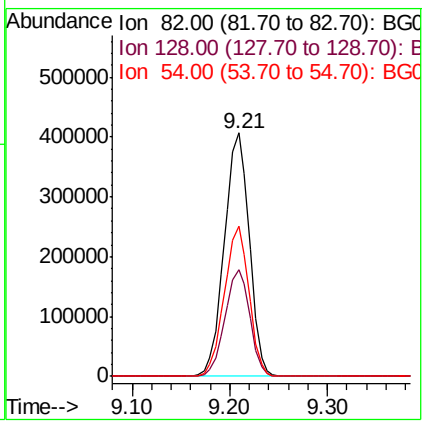


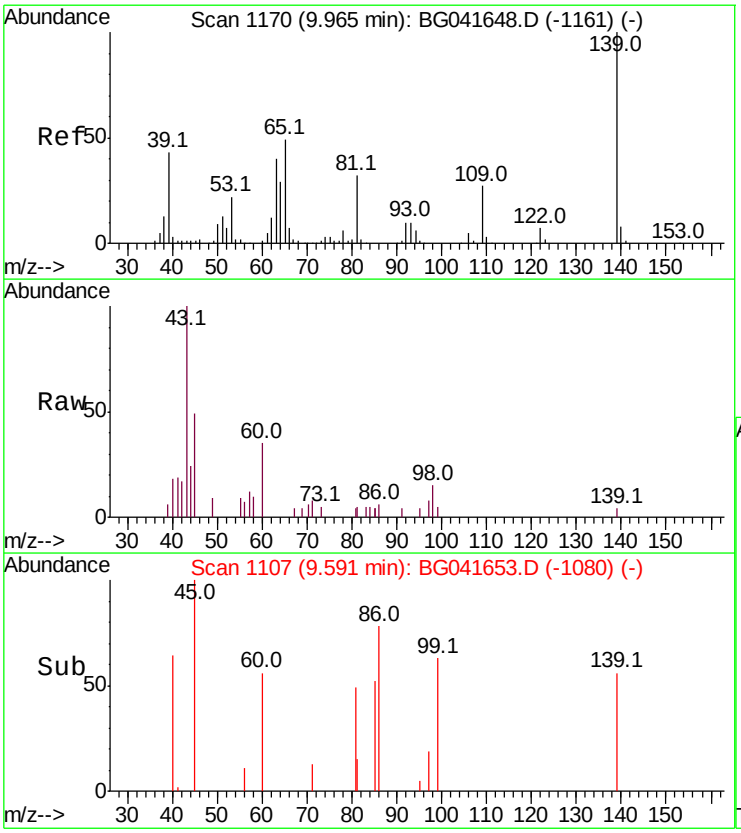
#23
Nitrobenzene-d5
Concen: 100.895 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 721676

Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.1	52.7
54	61.8	48.7	73.1

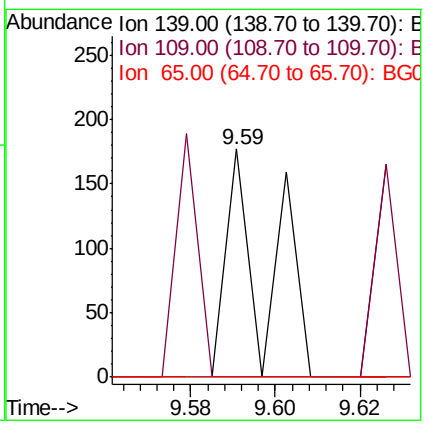


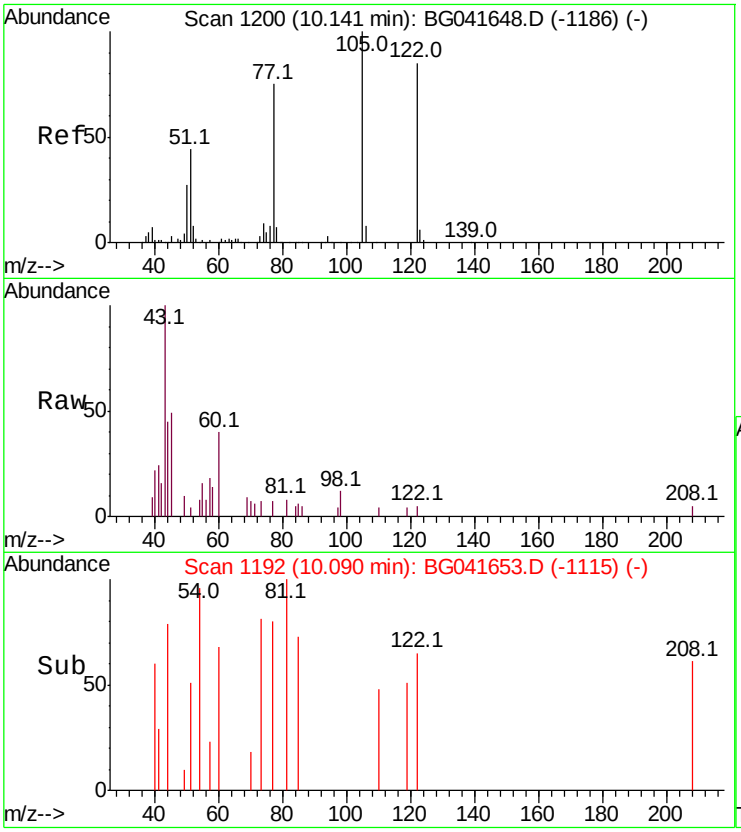


#26
2-Nitrophenol
Concen: 4.683 ng
RT: 9.59 min Scan# 1107
Delta R.T. -0.37 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Tgt Ion:139 Resp: 118

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.7	34.1#
65	0.0	41.1	61.7#



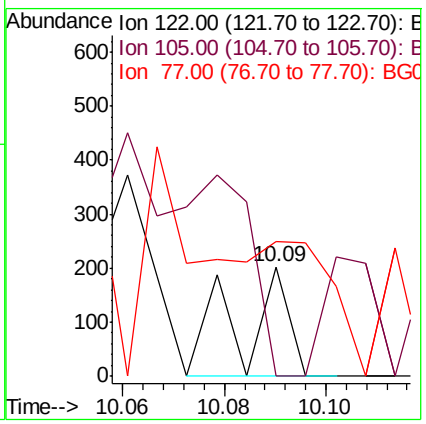


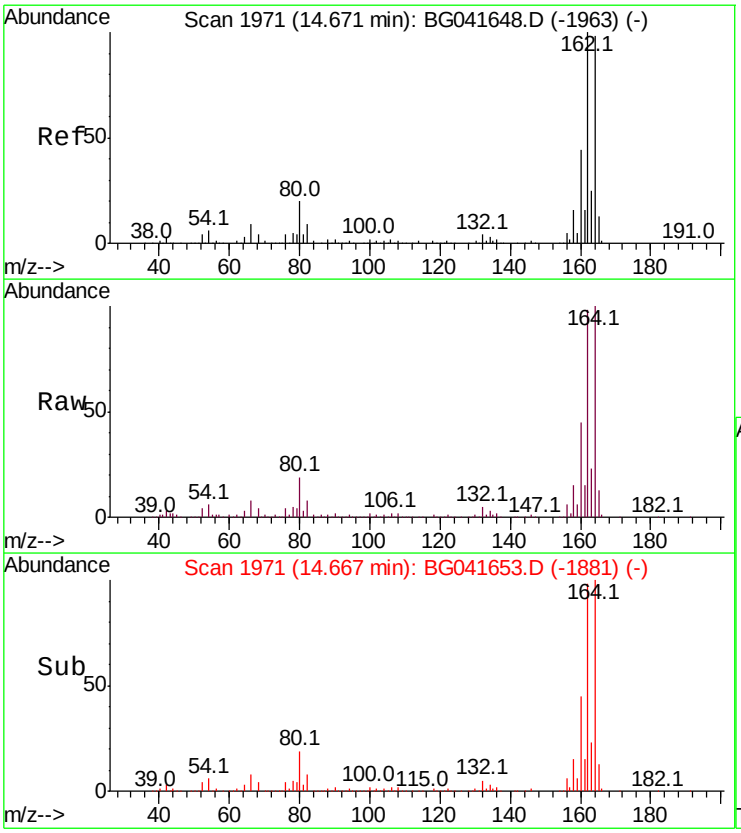
#32
Benzoic acid
Concen: 6.037 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.08 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 138

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.5	141.5#
77	123.2	73.0	113.0#

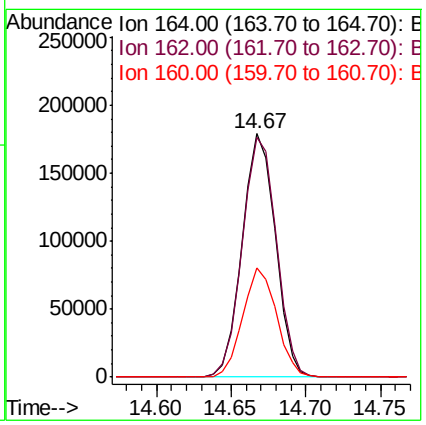


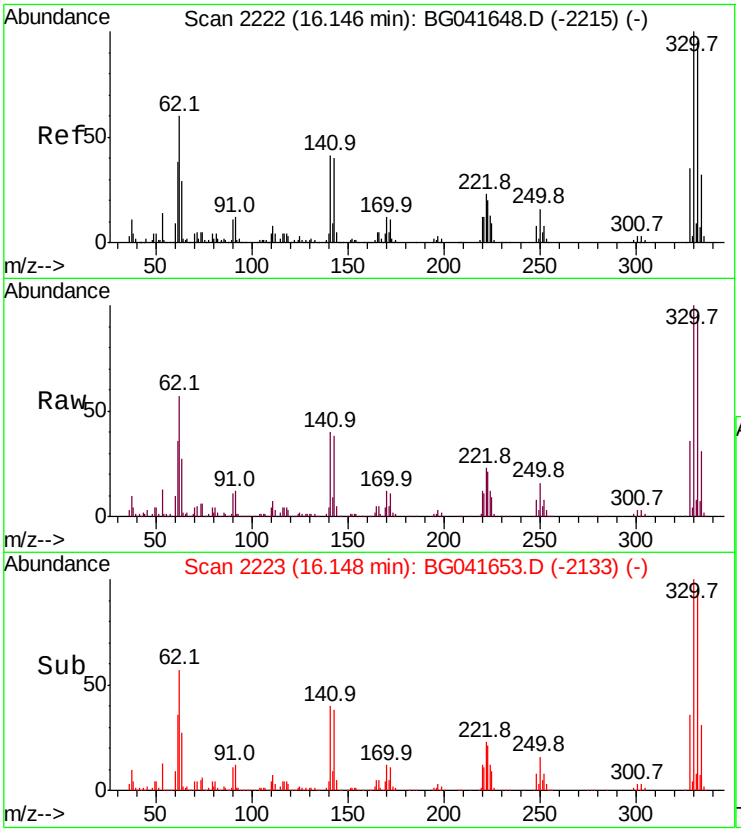


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Tgt Ion:164 Resp: 275303

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.6	119.4
160	44.8	35.4	53.0



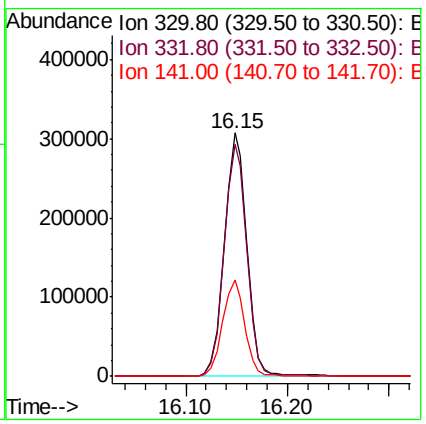


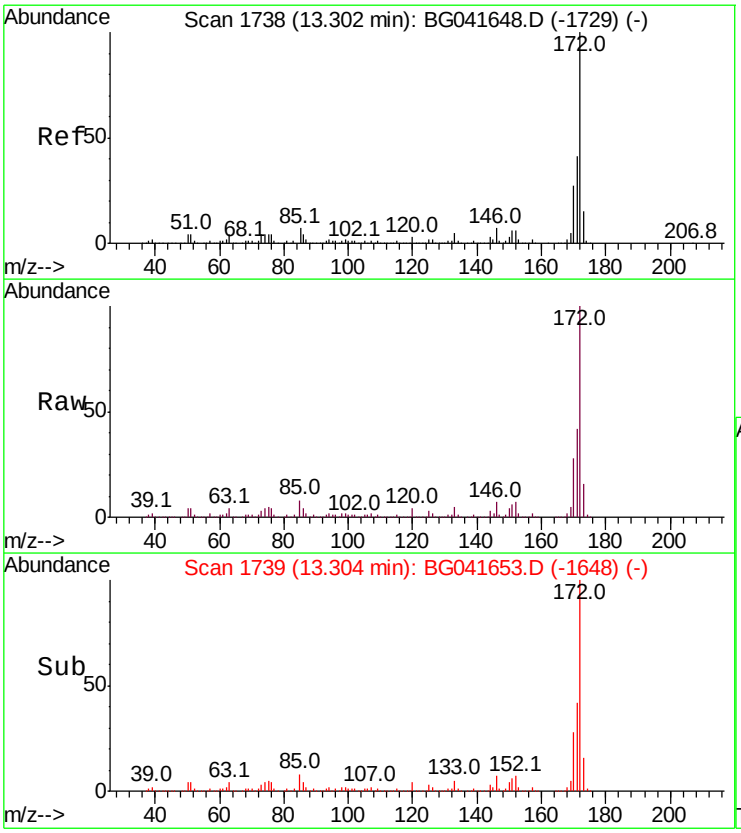
#42
2,4,6-Tribromophenol
Concen: 152.157 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 472087

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	39.0	31.9	47.9

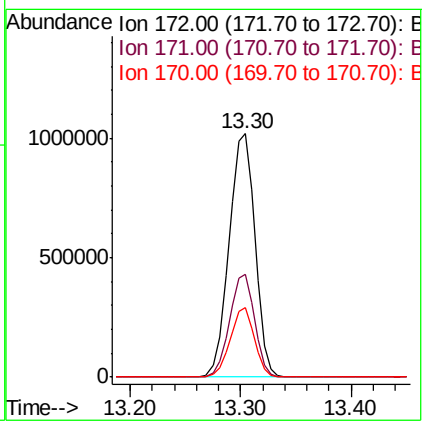


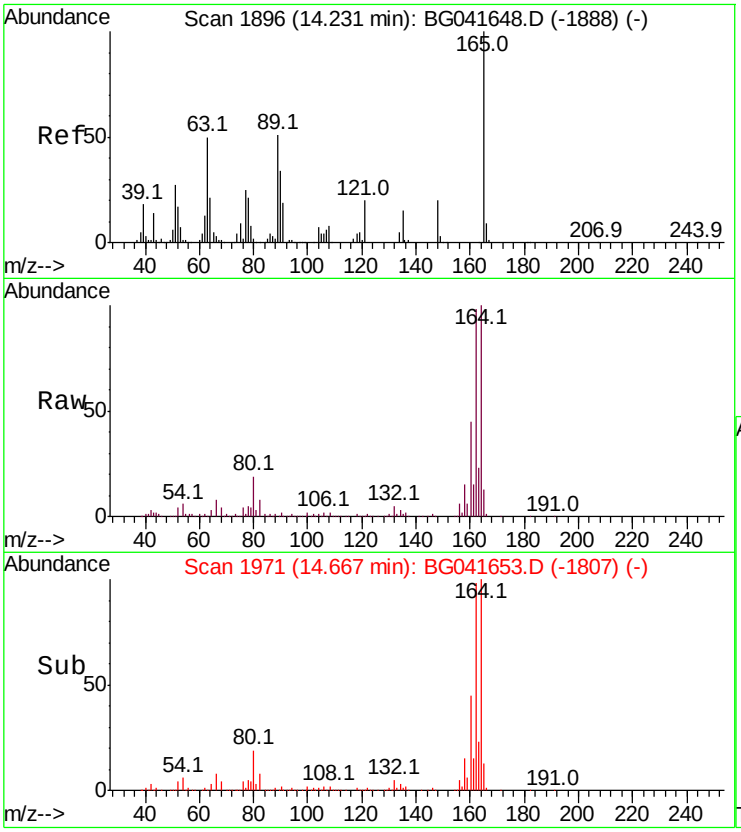


#45
2-Fluorobiphenyl
Concen: 94.374 ng
RT: 13.30 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Tgt Ion:172 Resp: 1677843

Ion	Ratio	Lower	Upper
172	100		
171	42.5	35.0	52.4
170	28.4	23.5	35.3



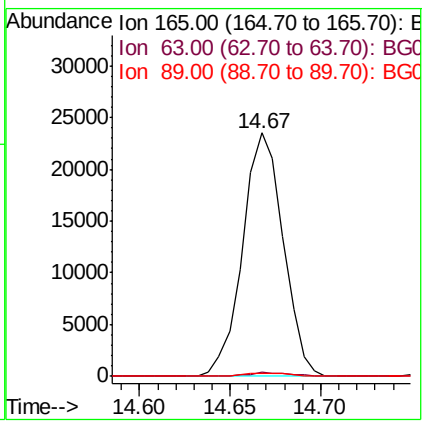


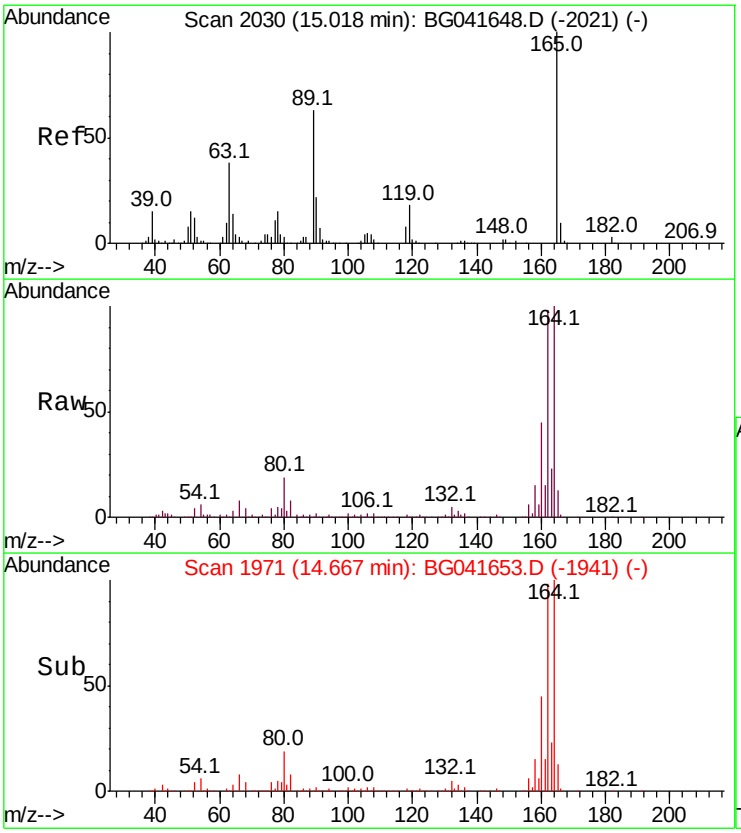
#51
2,6-Dinitrotoluene
Concen: 7.978 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.43 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 36591

Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.4	63.6#
89	1.5	42.1	63.1#

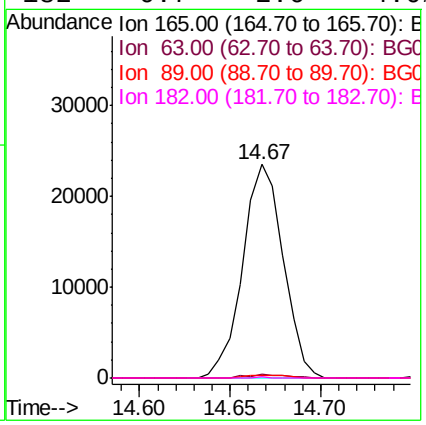


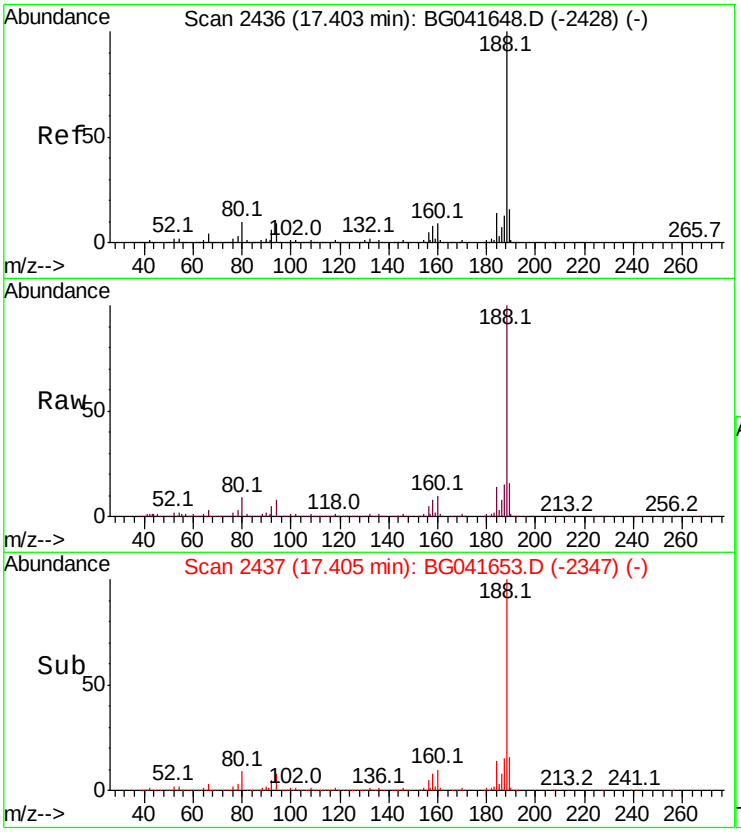


#57
2,4-Dinitrotoluene
Concen: 6.036 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.36 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Tgt Ion:165 Resp: 36591

Ion	Ratio	Lower	Upper
165	100		
63	1.7	31.7	47.5#
89	1.5	50.2	75.4#
182	0.7	2.6	4.0#



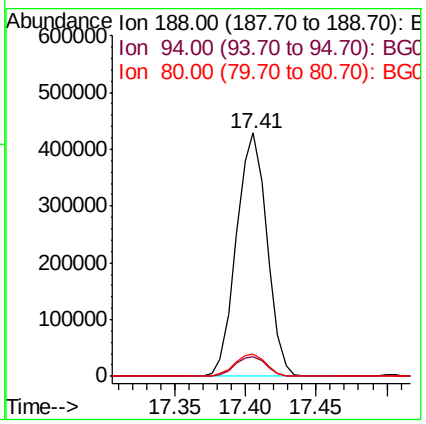


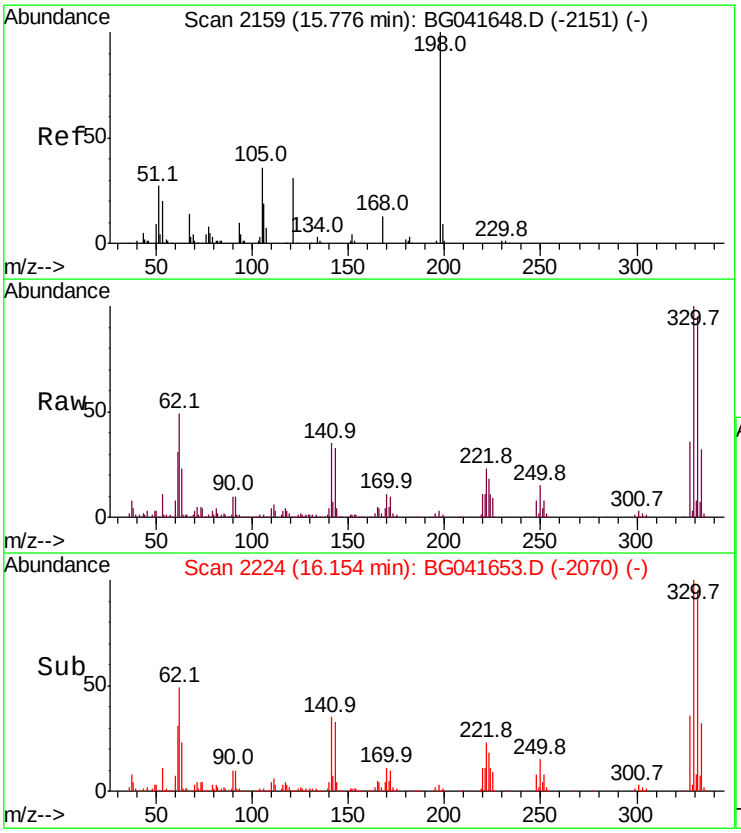
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 648838

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.1	8.0	12.0

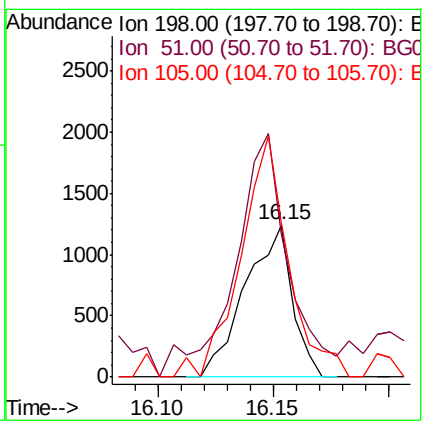


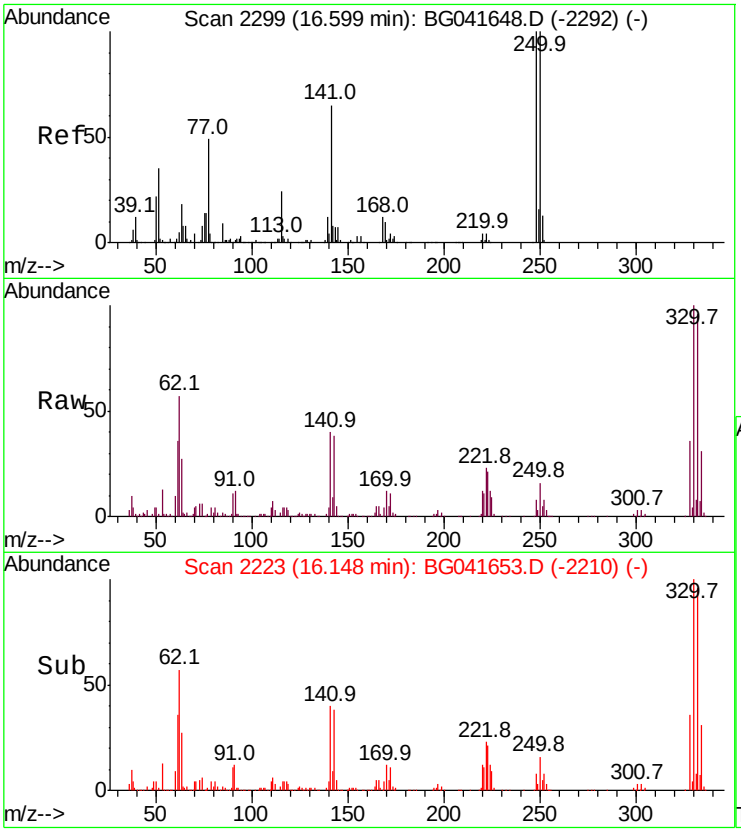


#65
4,6-Dinitro-2-methylphenol
Concen: 7.166 ng
RT: 16.15 min Scan# 2224
Delta R.T. 0.37 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Tgt Ion:198 Resp: 1759

Ion	Ratio	Lower	Upper
198	100		
51	94.7	22.3	62.3#
105	102.3	18.0	58.0#



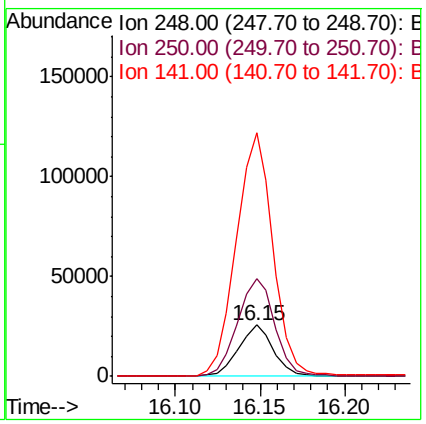


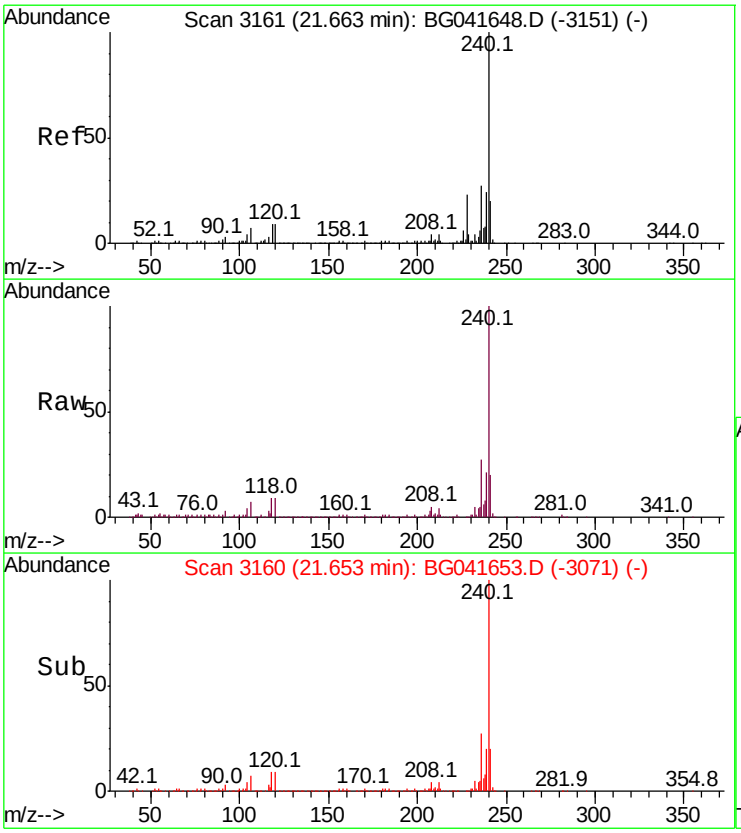
#67
4-Bromophenyl-phenylether
Concen: 4.814 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.46 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 37163

Ion	Ratio	Lower	Upper
248	100		
250	189.8	78.1	117.1#
141	475.0	49.6	74.4#

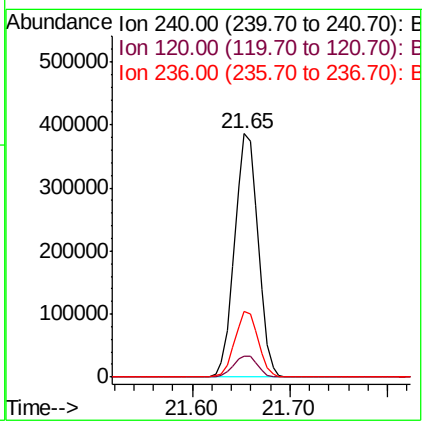


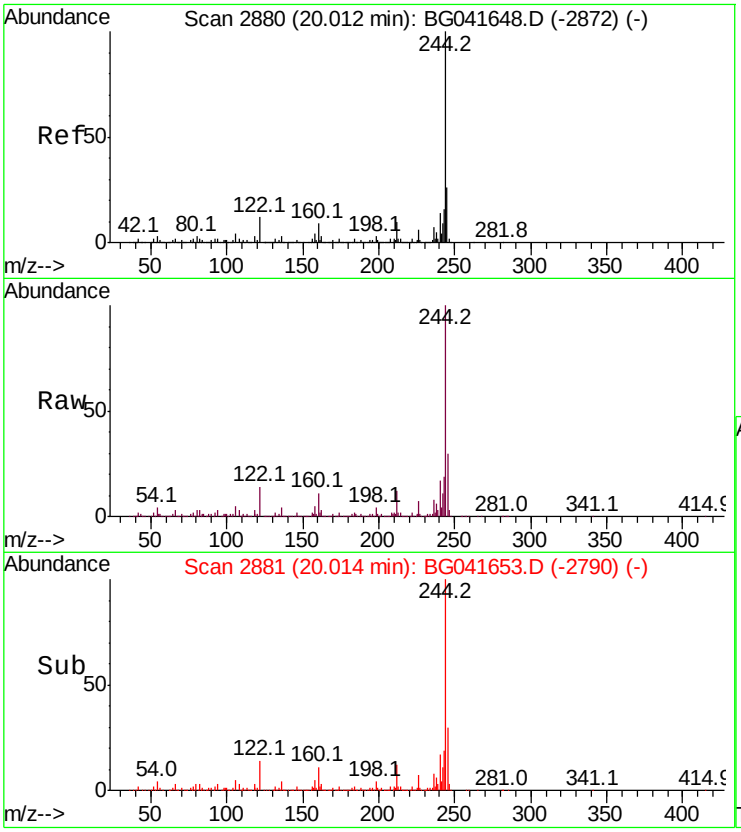


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Tgt Ion:240 Resp: 643632

Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.0	12.0
236	27.1	22.6	33.8



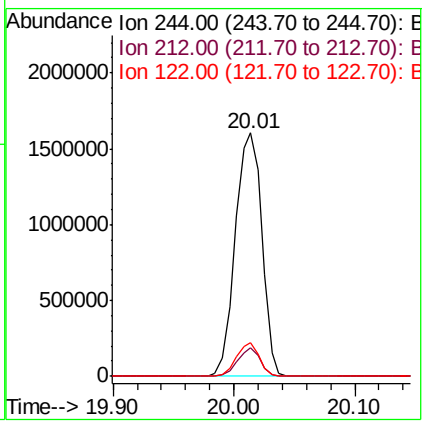


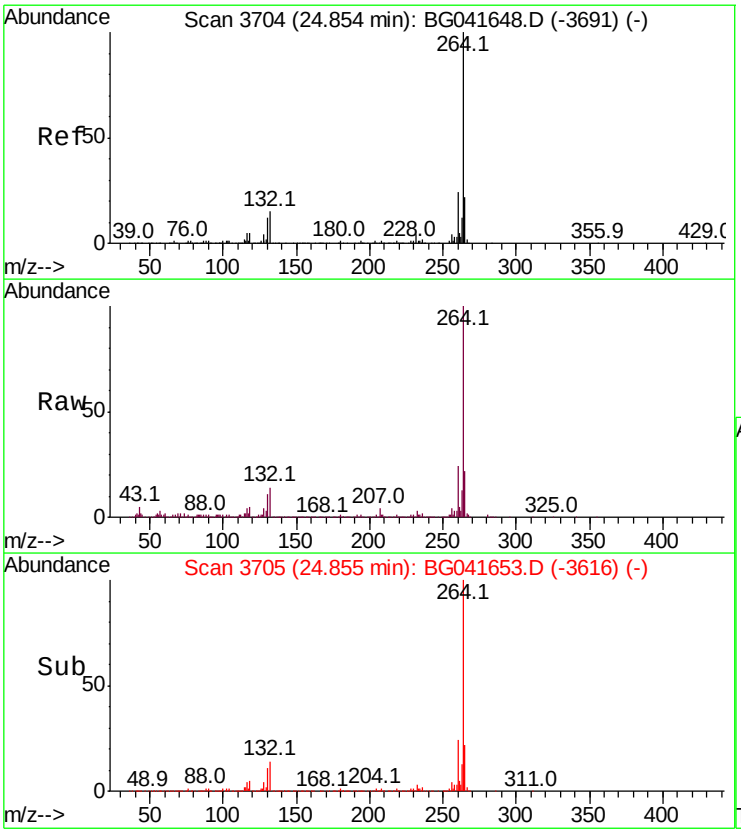
#79
Terphenyl-d14
Concen: 89.357 ng
RT: 20.01 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2461095

Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.7	14.5
122	14.1	12.5	18.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Tgt Ion:264 Resp: 712145

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.9	18.0	27.0