Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
Data File : BG041655.D
Acq On : 15 Jul 2019 18:54
Operator : HP/JU
Sample : K3740-09RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 16 07:51:15 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	94304	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	368946	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	235361	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	572342	20.00	ng	0.00
76) Chrysene-d12	21.66	240	571444	20.00	ng	0.00
87) Perylene-d12	24.85	264	634598	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	705824	122.35	ng	0.00
7) Phenol-d6	7.20	99	905334	116.68	ng	0.00
23) Nitrobenzene-d5	9.21	82	631168	104.04	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	407783	153.74	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1442553	94.91	ng	0.00
79) Terphenyl-d14	20.01	244	2262566	92.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	27413	10.005	ng	# 1
9) Benzaldehyde	7.20	77	1760	Below Cal		# 3
19) n-Nitroso-di-n-propylamine	9.21	70	85824	15.133	ng	# 76
32) Benzoic acid	10.15	122	53	6.023	ng	# 34
50) Dimethylphthalate	14.12	163	54566	2.952	ng	# 98
51) 2,6-Dinitrotoluene	14.66	165	29921	7.631	ng	# 28
57) 2,4-Dinitrotoluene	14.66	165	29921	5.773	ng	# 30
65) 4,6-Dinitro-2-methylphenol	15.63	198	53	6.691	ng	# 35
67) 4-Bromophenyl-phenylether	16.15	248	32083	4.711	ng	# 1

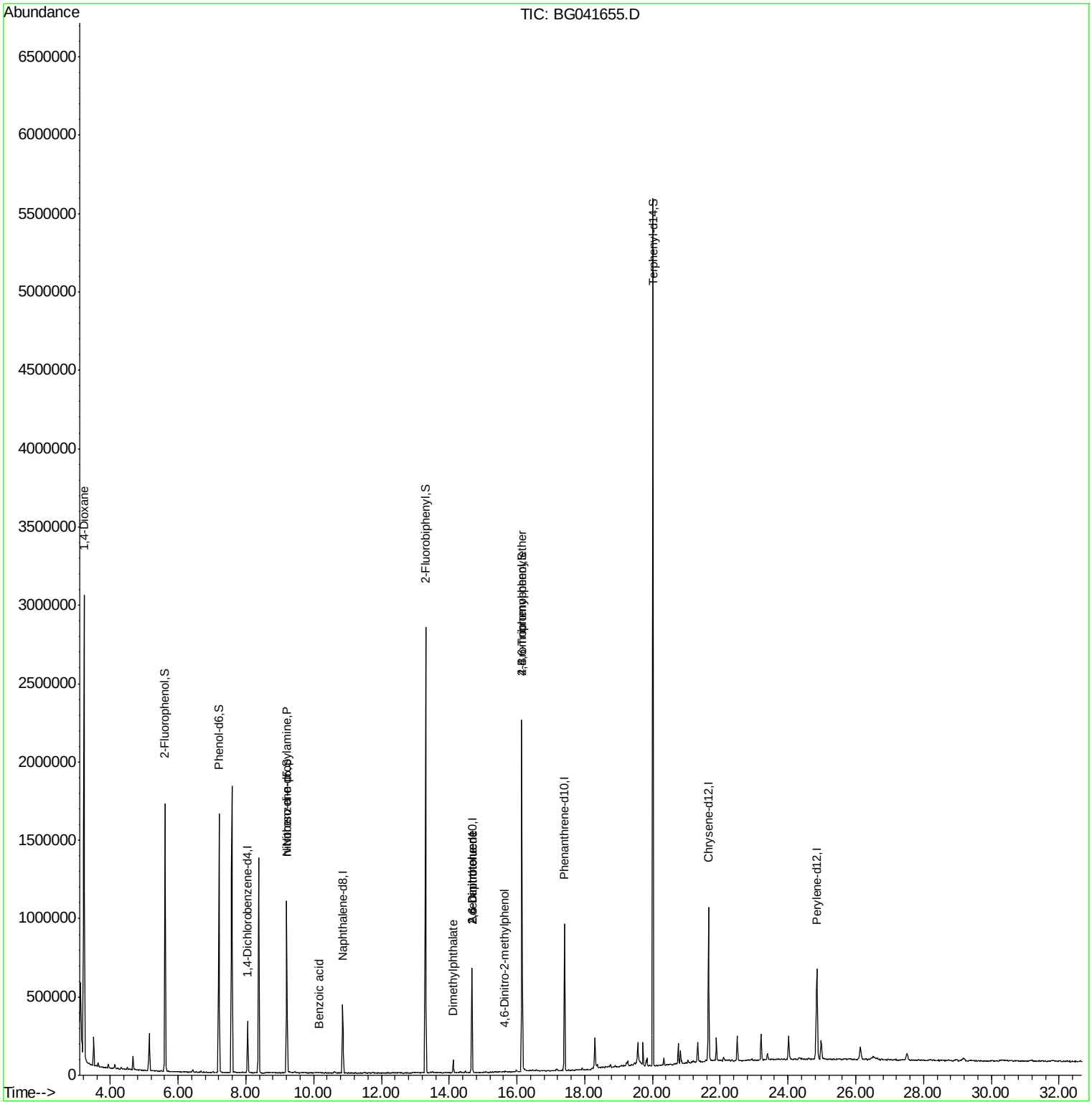
(#) = qualifier out of range (m) = manual integration (+) = signals summed

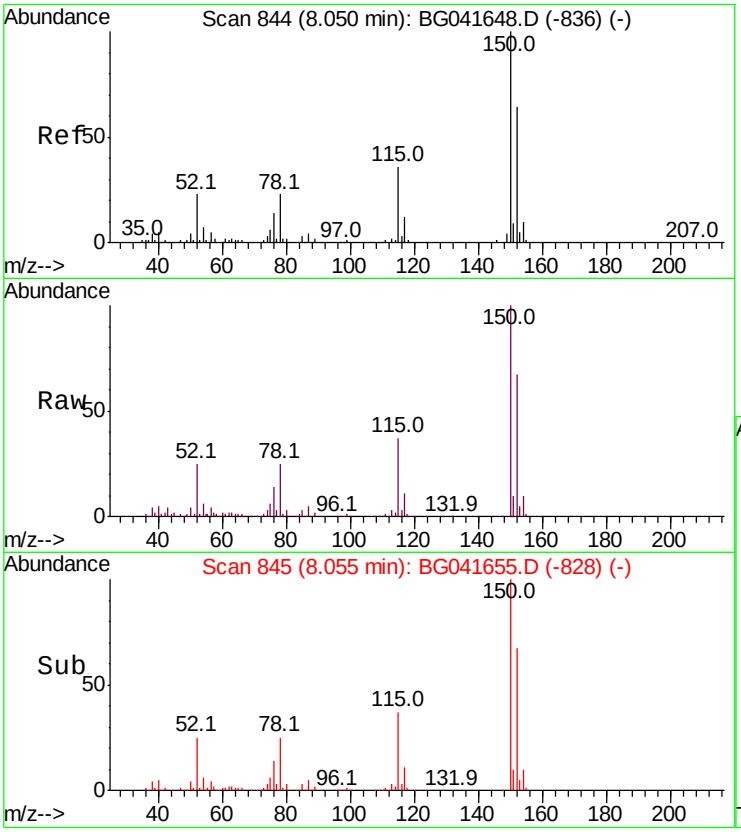
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
Data File : BG041655.D
Acq On : 15 Jul 2019 18:54
Operator : HP/JU
Sample : K3740-09RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 16 07:51:15 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



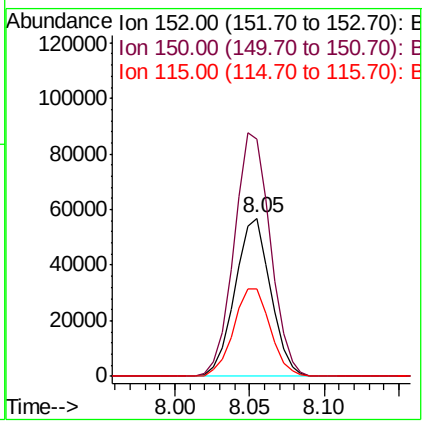


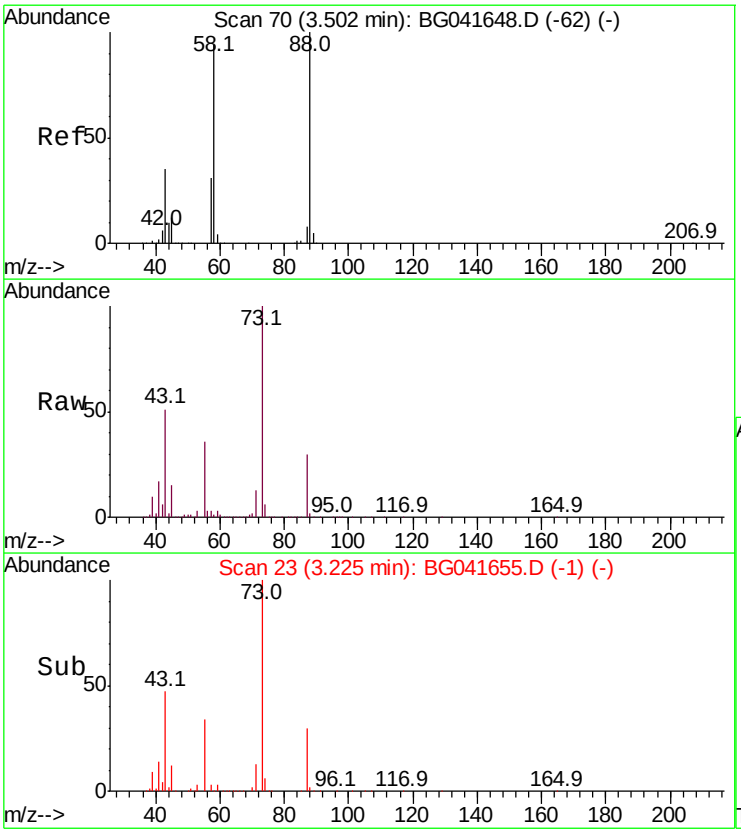
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 94304

Ion	Ratio	Lower	Upper
152	100		
150	149.9	126.9	190.3
115	55.0	45.0	67.6

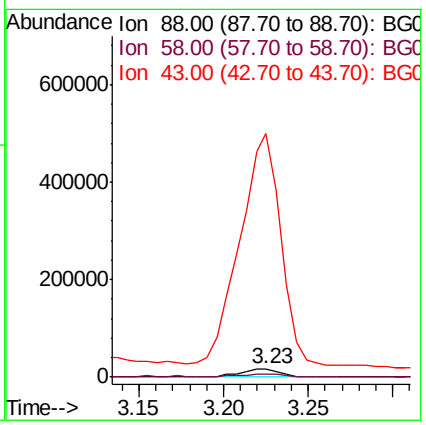


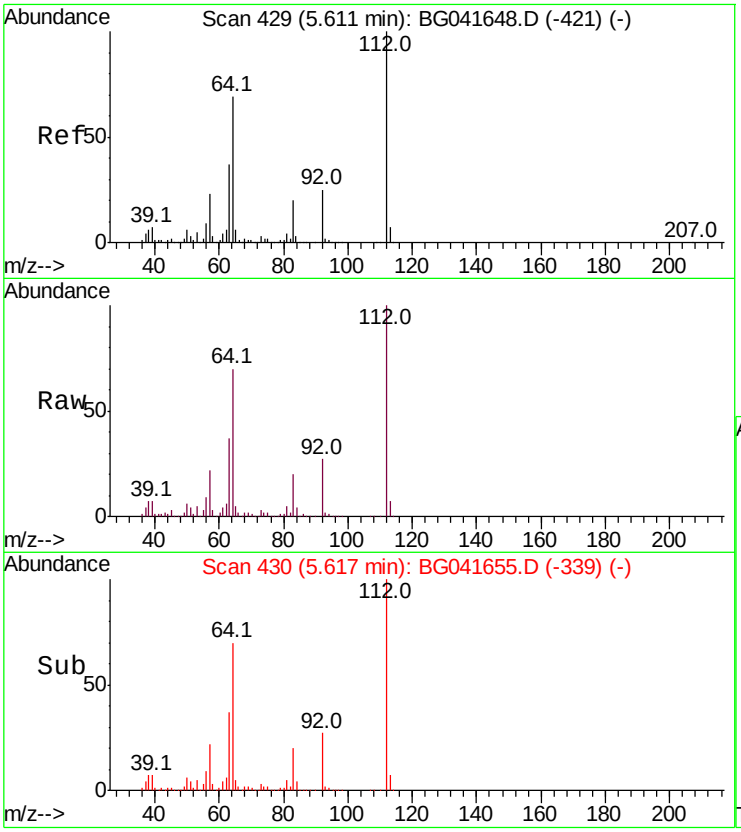


#2
1,4-Dioxane
Concen: 10.005 ng
RT: 3.23 min Scan# 23
Delta R.T. -0.27 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Tgt Ion: 88 Resp: 27413

Ion	Ratio	Lower	Upper
88	100		
58	35.3	76.2	114.2#
43	2914.0	27.2	40.8#



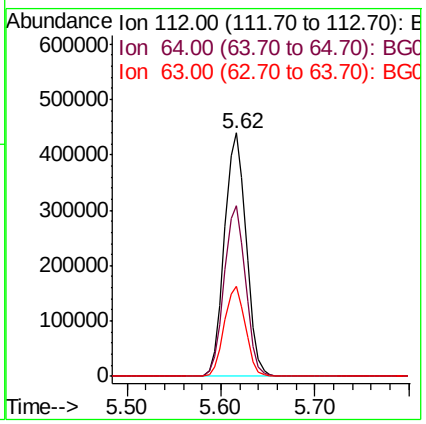


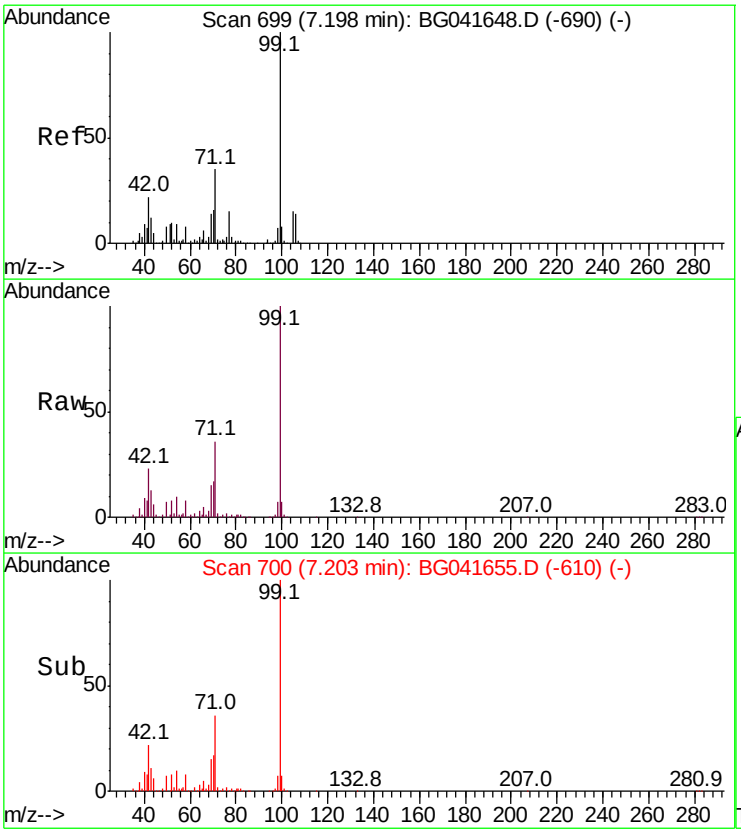
#5
2-Fluorophenol
Concen: 122.354 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 705824

Ion	Ratio	Lower	Upper
112	100		
64	70.2	55.4	83.2
63	36.7	29.1	43.7

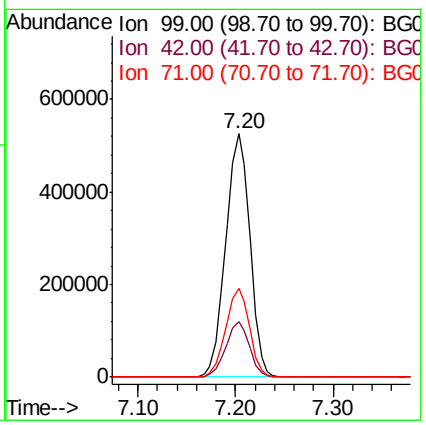


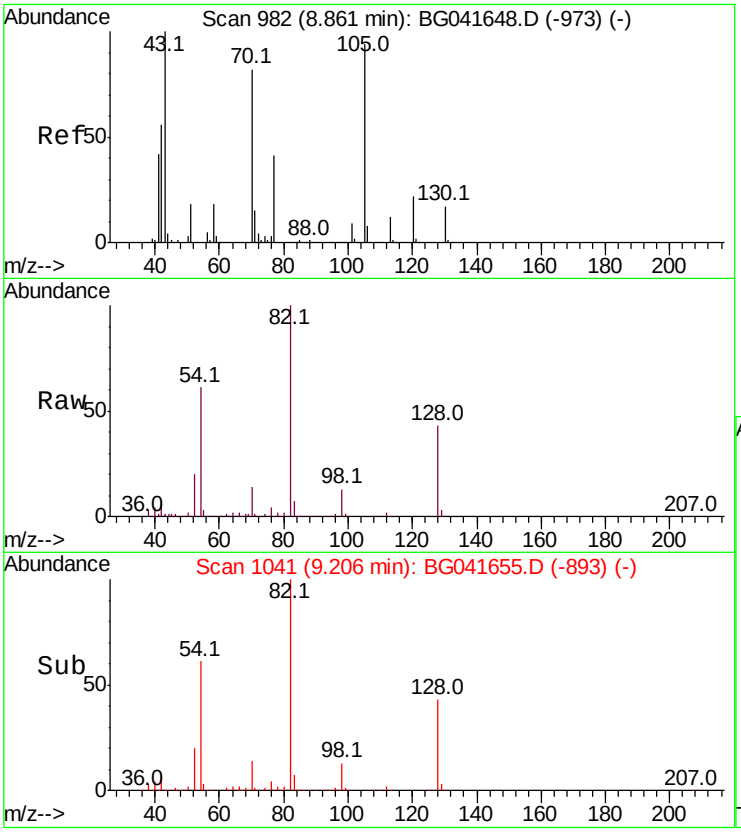


#7
Phenol-d6
Concen: 116.679 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.00 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Tgt Ion: 99 Resp: 905334

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.6	26.4
71	36.2	27.8	41.6



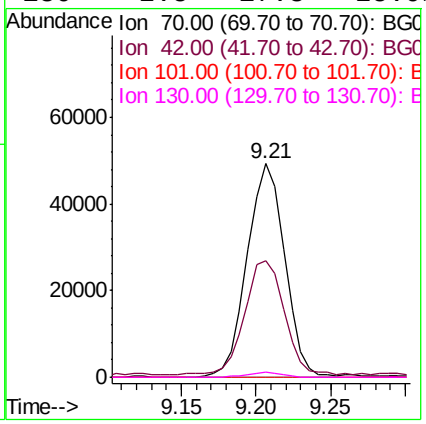


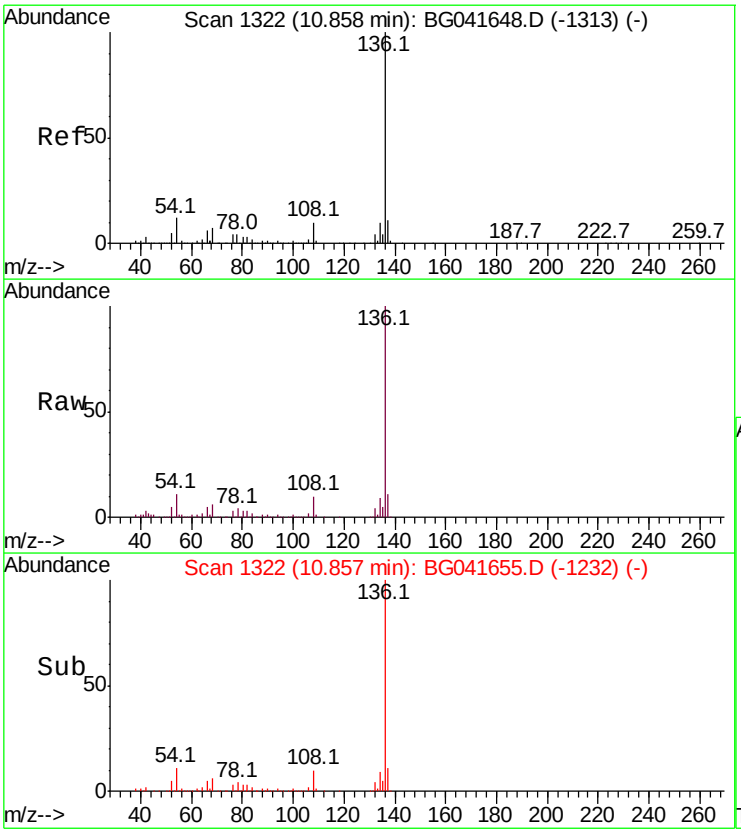
#19
n-Nitroso-di-n-propylamine
Concen: 15.133 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.34 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 85824

Ion	Ratio	Lower	Upper
70	100		
42	54.3	55.8	83.6#
101	0.0	8.1	12.1#
130	2.5	17.3	25.9#

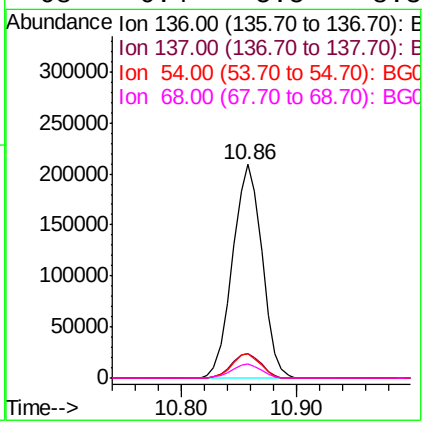


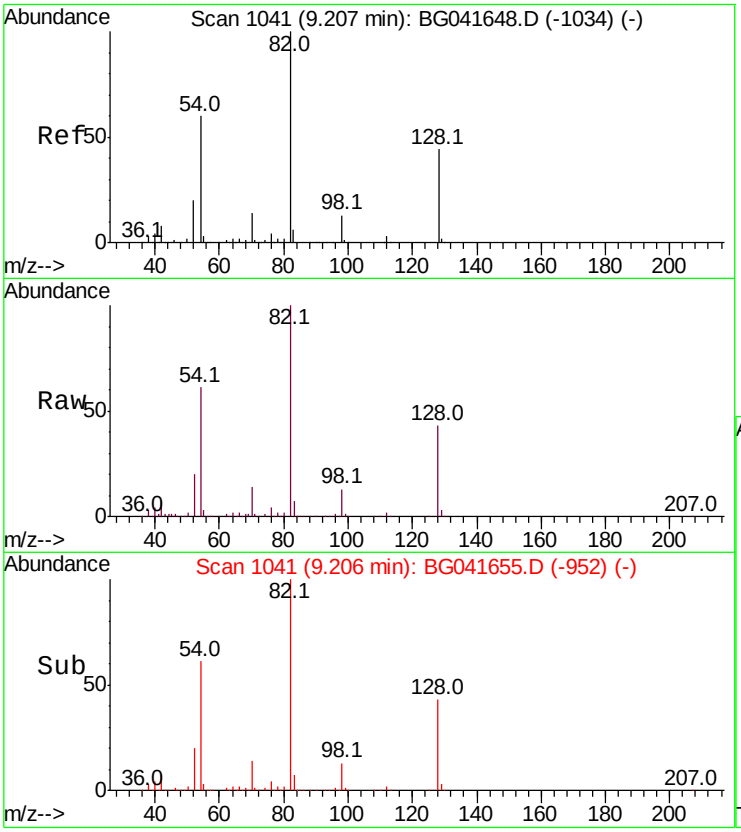


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Tgt Ion:136 Resp: 368946

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	11.4	8.7	13.1
68	6.4	5.5	8.3



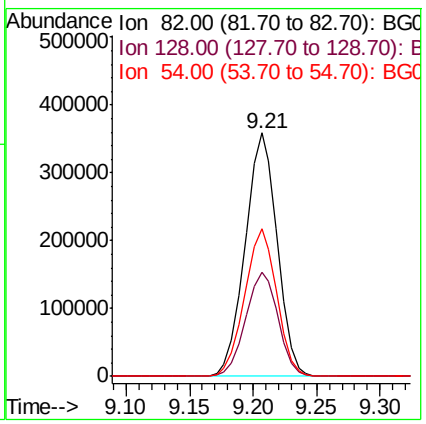


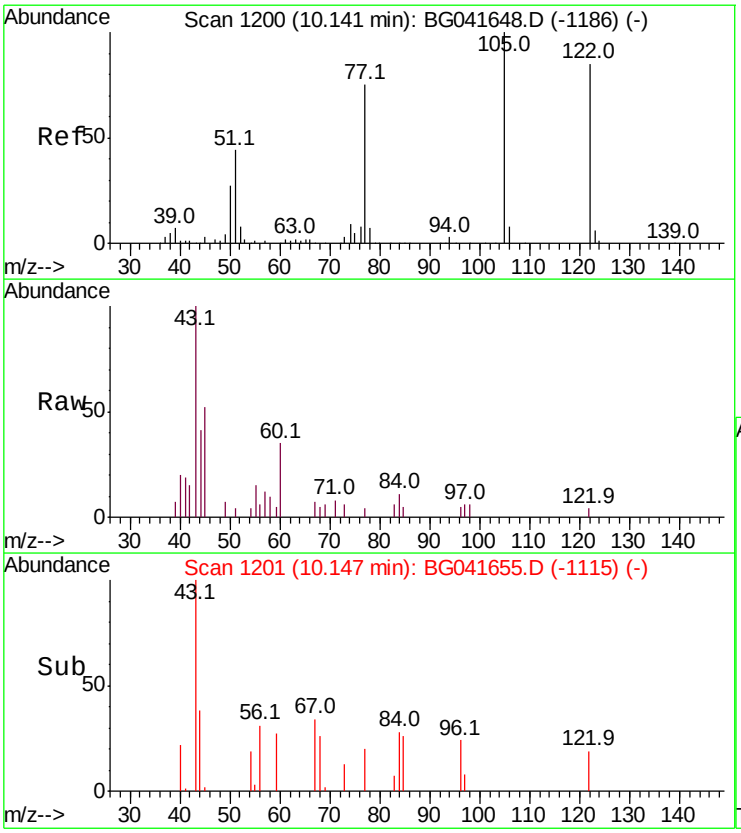
#23
Nitrobenzene-d5
Concen: 104.038 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 631168

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.1	52.7
54	60.7	48.7	73.1

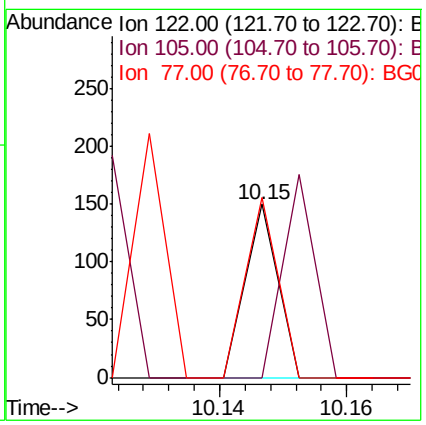


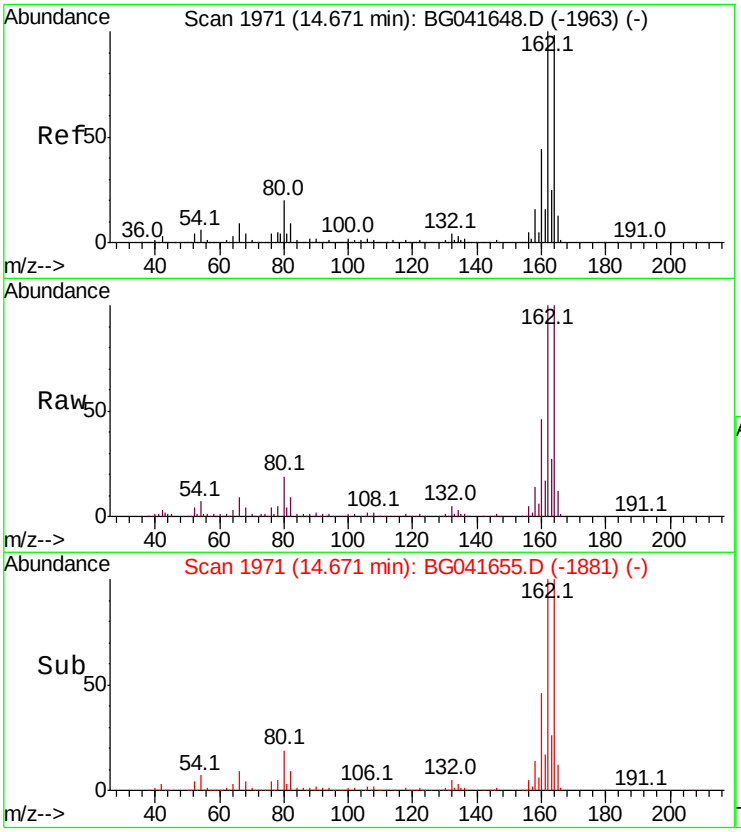


#32
Benzoic acid
Concen: 6.023 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Tgt Ion:122 Resp: 53

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.5	141.5#
77	104.0	73.0	113.0



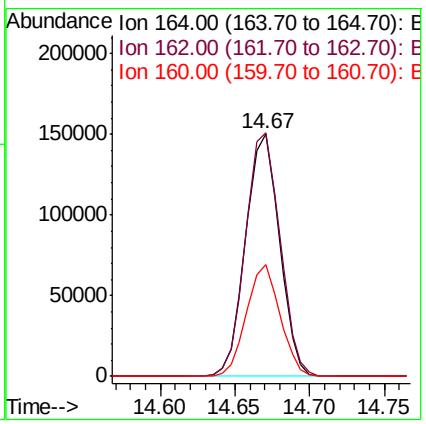


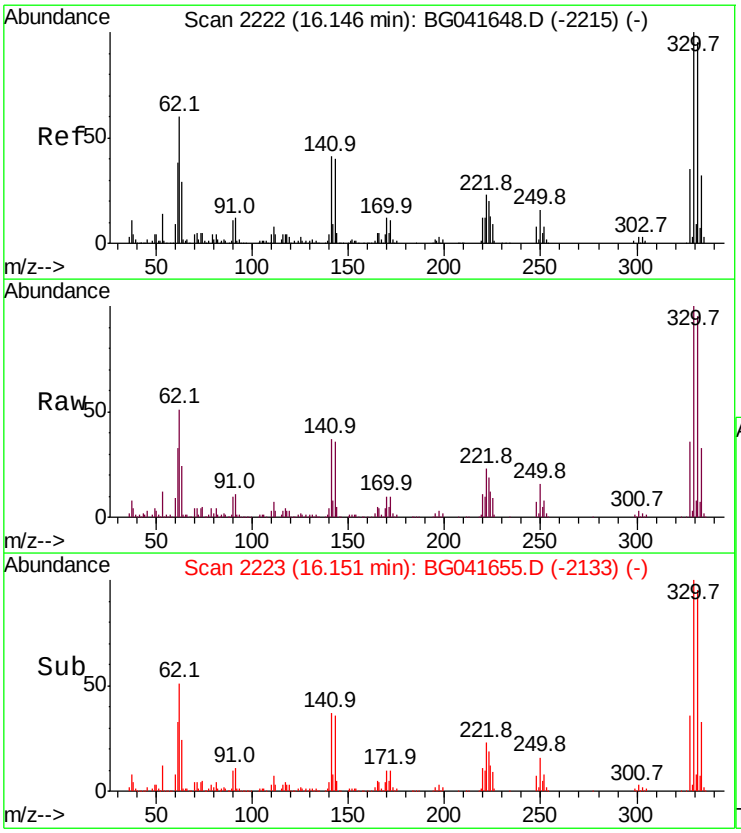
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 235361

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.6	119.4
160	46.1	35.4	53.0

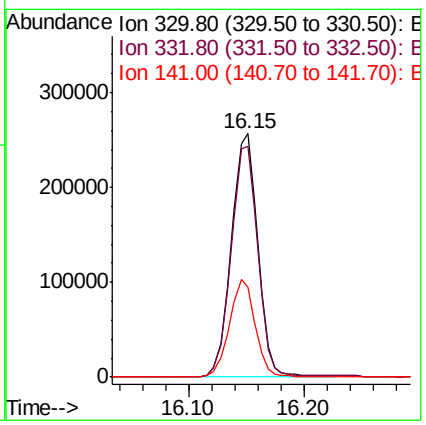


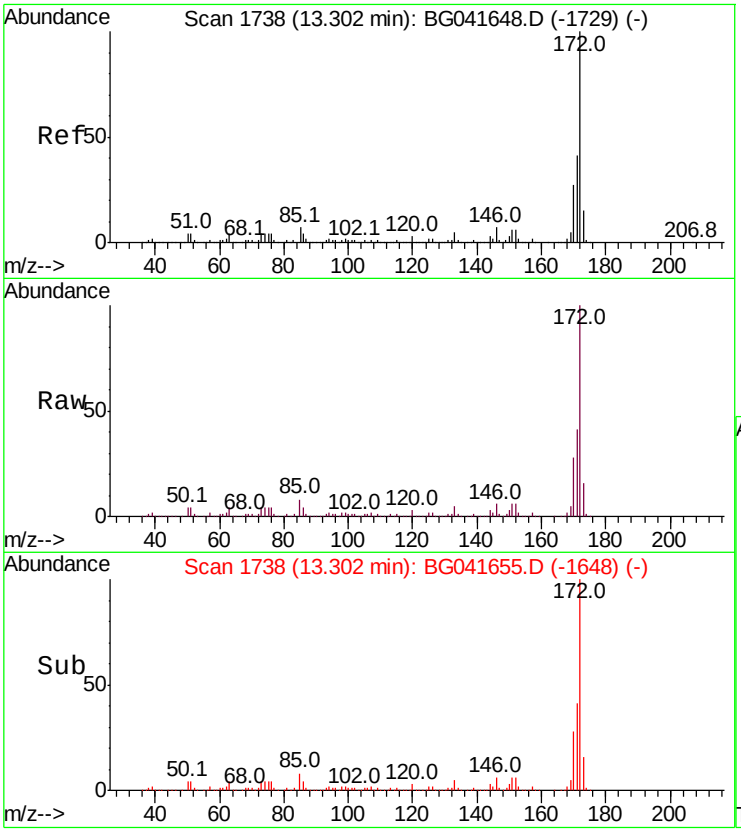


#42
2,4,6-Tribromophenol
Concen: 153.736 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Tgt Ion:330 Resp: 407783

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.0
141	39.1	31.9	47.9



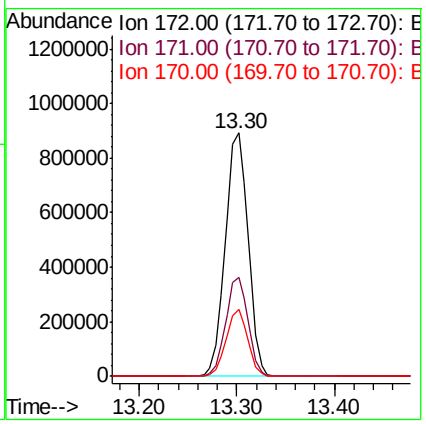


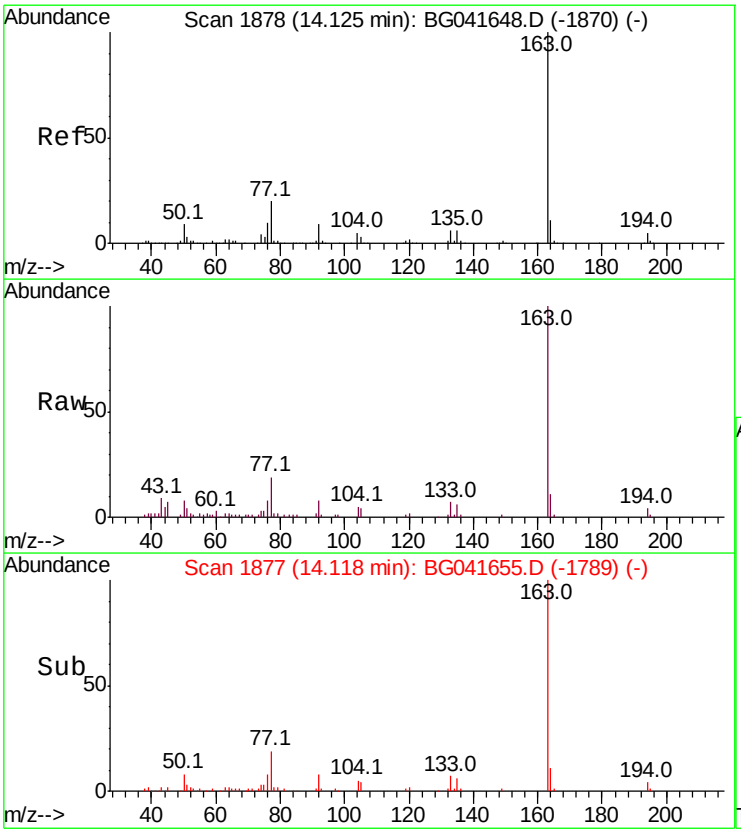
#45
2-Fluorobiphenyl
Concen: 94.909 ng
RT: 13.30 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1442553

Ion	Ratio	Lower	Upper
172	100		
171	40.8	35.0	52.4
170	27.5	23.5	35.3

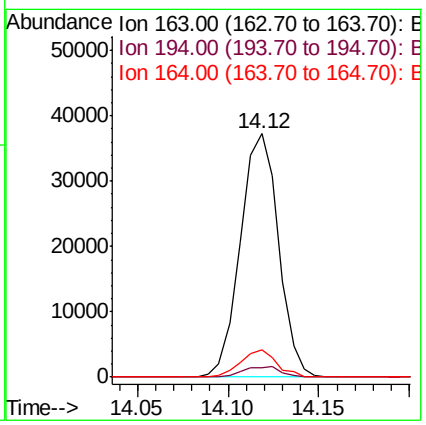


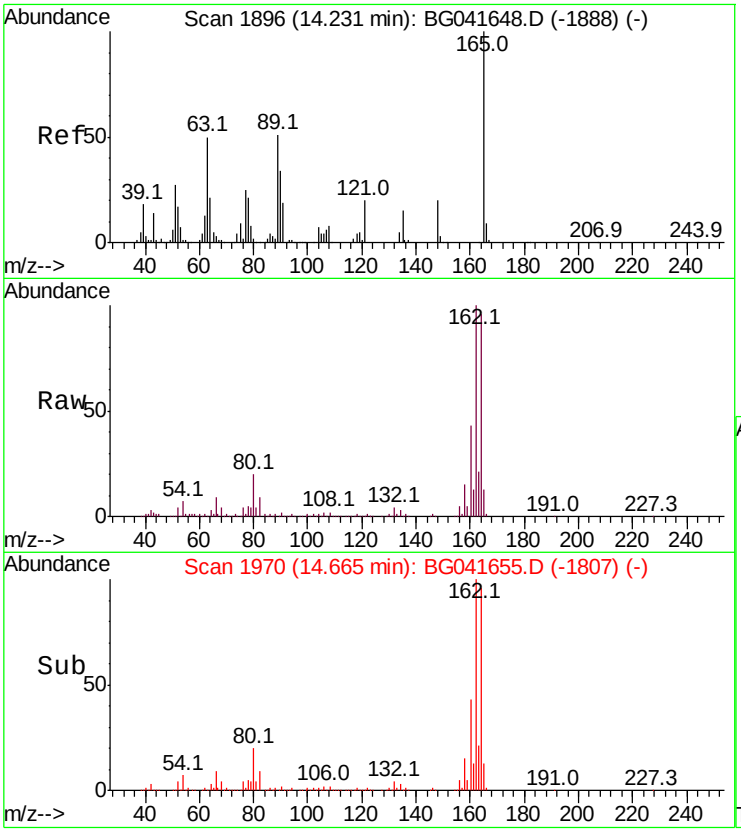


#50
Dimethylphthalate
Concen: 2.952 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Tgt Ion:163 Resp: 54566

Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.2	6.2#
164	11.1	9.4	14.2



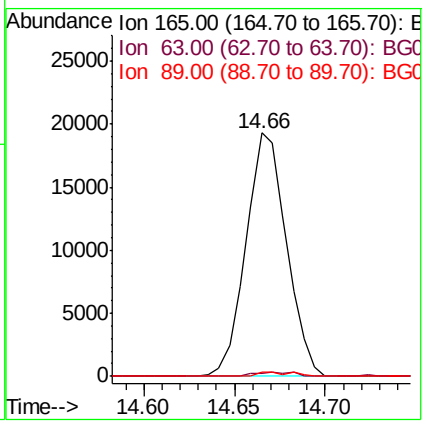


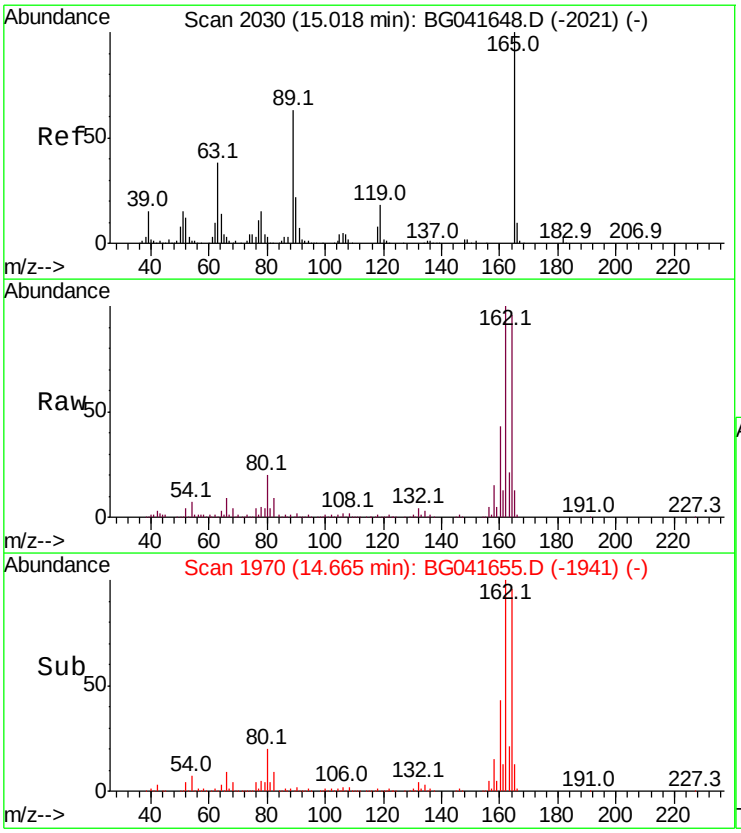
#51
2,6-Dinitrotoluene
Concen: 7.631 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.43 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 29921

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.4	63.6#
89	1.9	42.1	63.1#

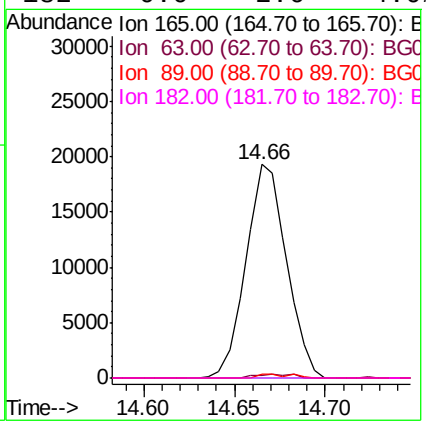


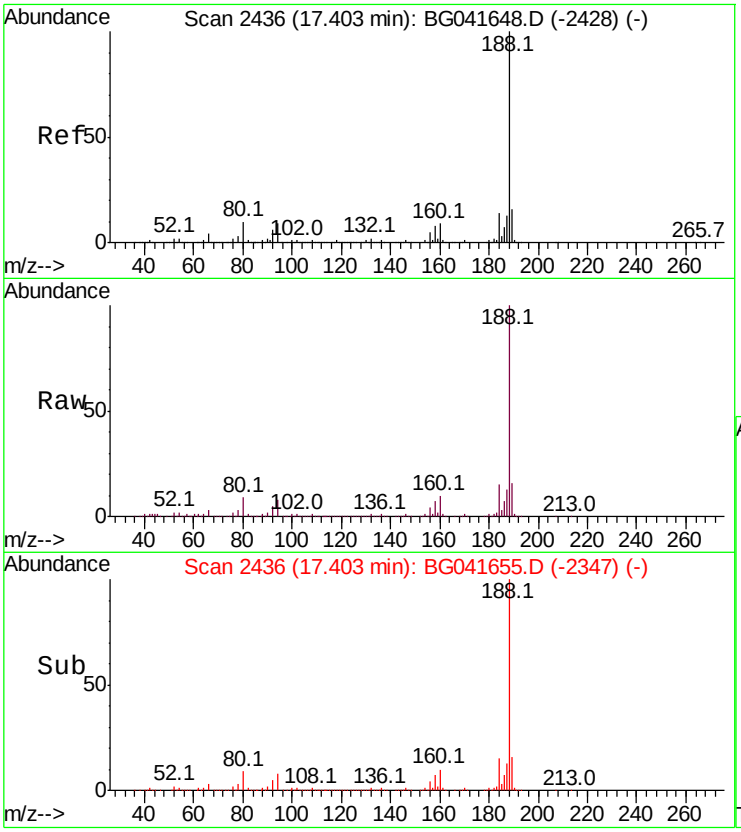


#57
2,4-Dinitrotoluene
Concen: 5.773 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.36 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Tgt Ion:165 Resp: 29921

Ion	Ratio	Lower	Upper
165	100		
63	1.3	31.7	47.5#
89	1.9	50.2	75.4#
182	0.0	2.6	4.0#



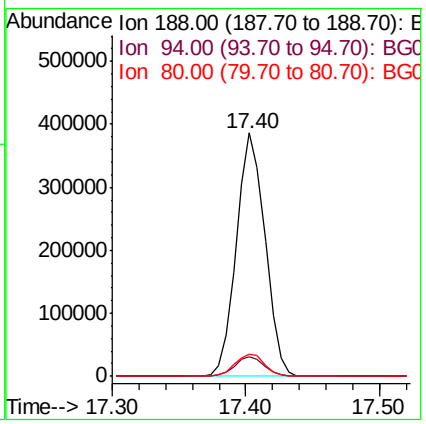


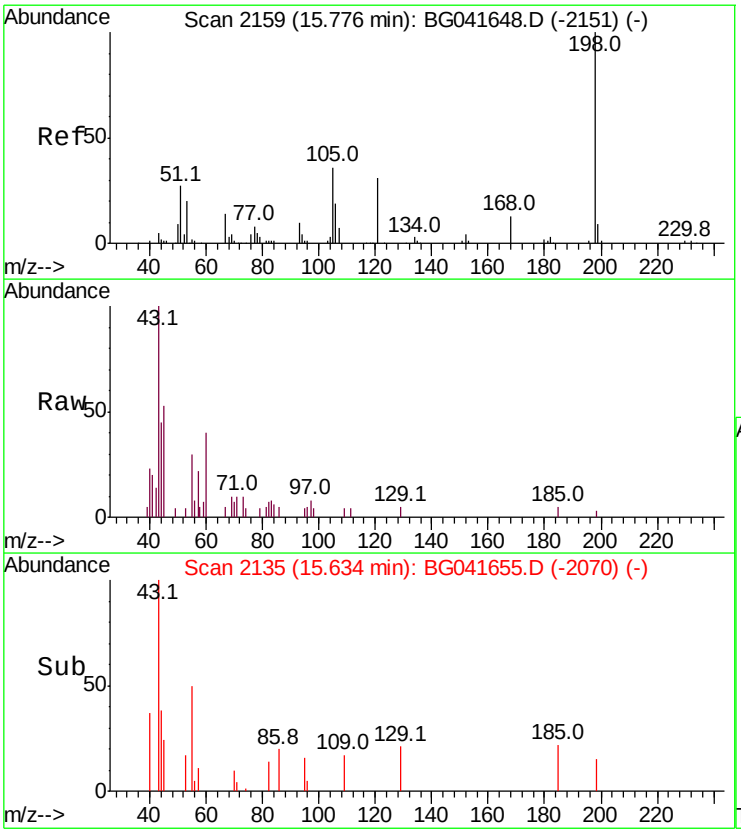
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 572342

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.4	8.0	12.0

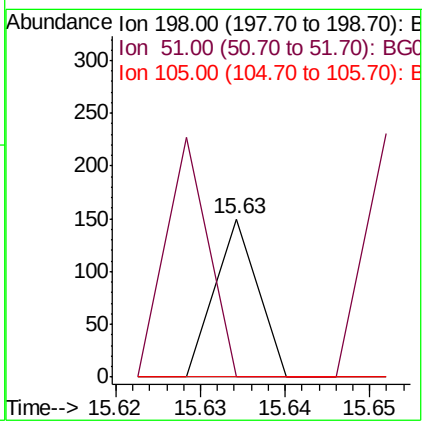


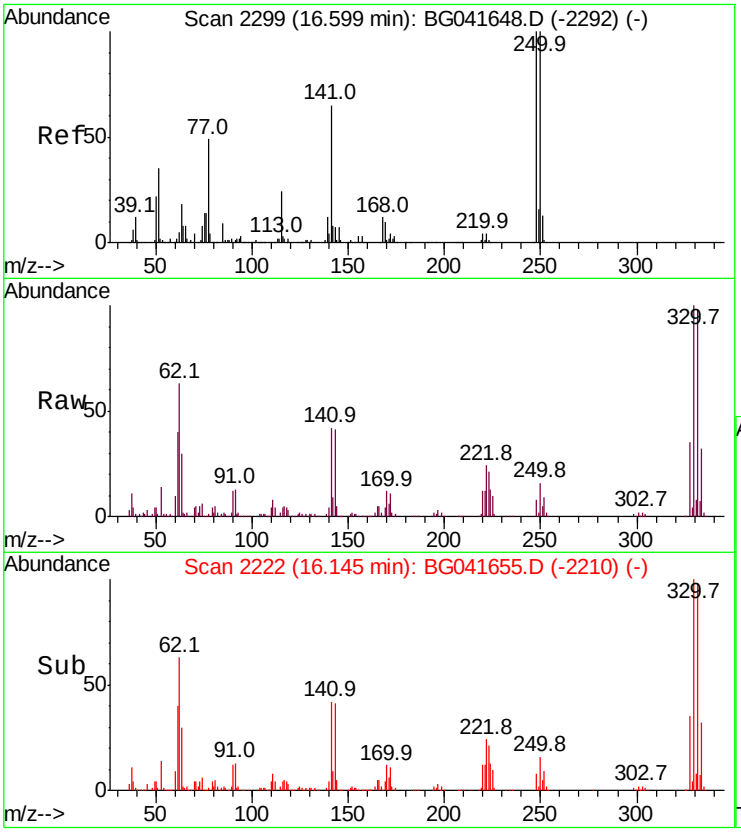


#65
4,6-Dinitro-2-methylphenol
Concen: 6.691 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.15 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Tgt Ion:198 Resp: 53

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



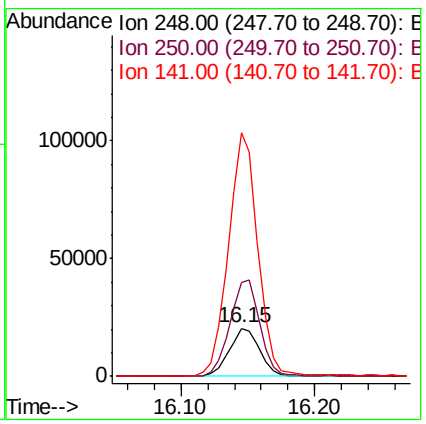


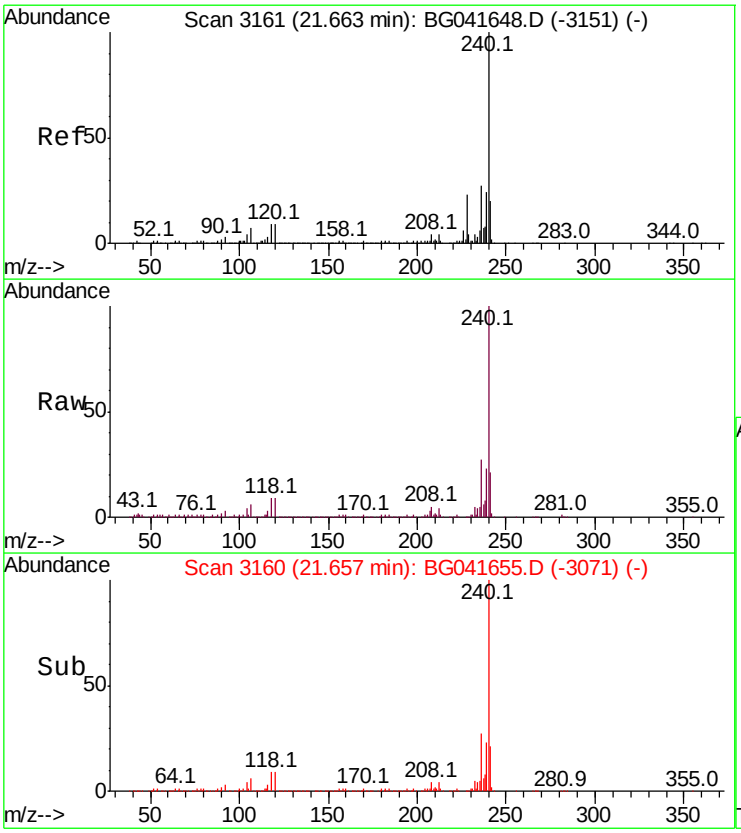
#67
4-Bromophenyl-phenylether
Concen: 4.711 ng
RT: 16.15 min Scan# 2222
Delta R.T. -0.46 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 32083

Ion	Ratio	Lower	Upper
248	100		
250	193.9	78.1	117.1#
141	503.3	49.6	74.4#

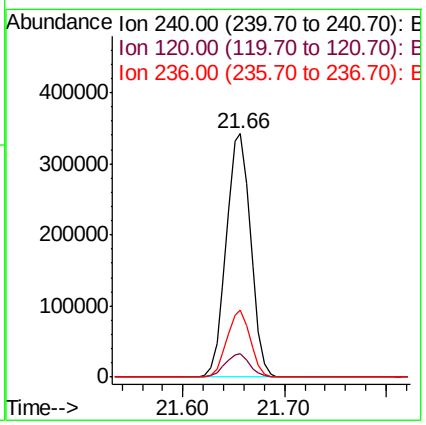


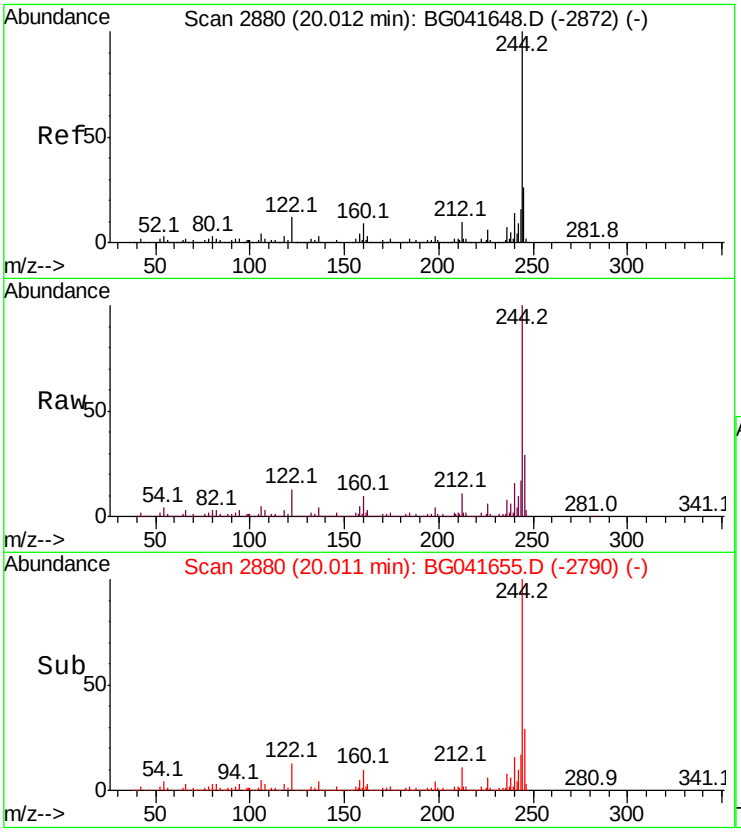


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Tgt Ion:240 Resp: 571444

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.0	12.0
236	27.3	22.6	33.8



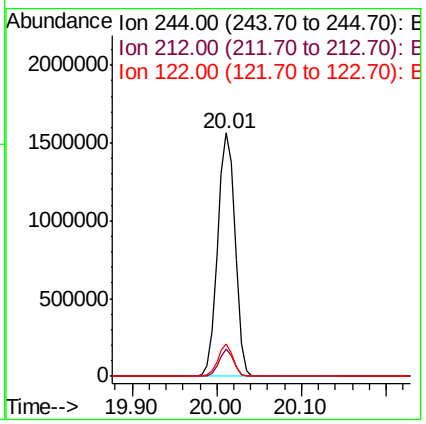


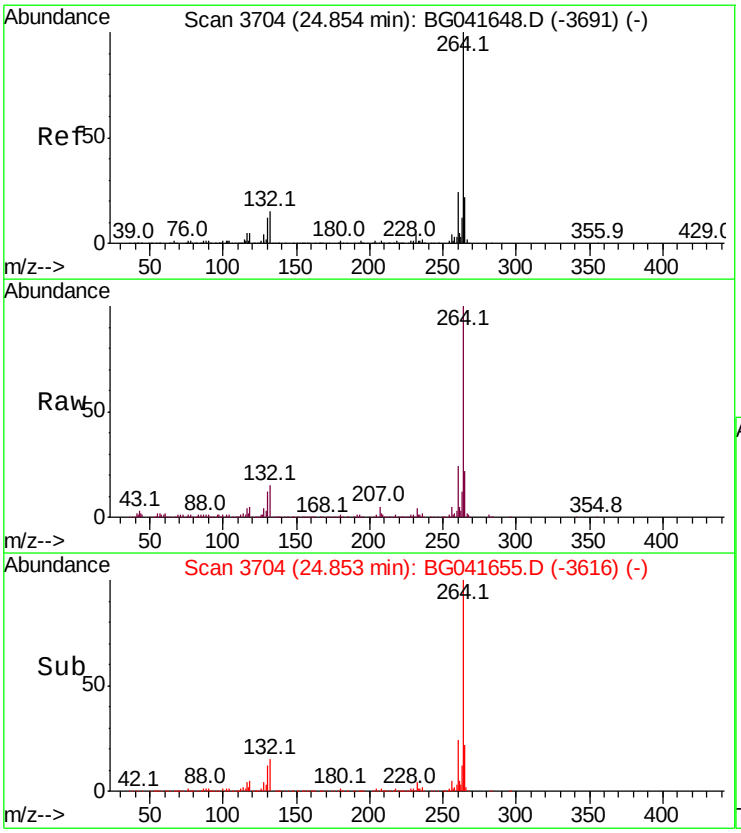
#79
Terphenyl-d14
Concen: 92.526 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.00 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2262566

Ion	Ratio	Lower	Upper
244	100		
212	11.0	9.7	14.5
122	13.5	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: BG041655.D
Acq: 15 Jul 2019 18:54

Tgt Ion:264 Resp: 634598

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.0	18.0	27.0