Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071219\
Data File : BG041635.D
Acq On : 12 Jul 2019 11:45
Operator : HP/JU
Sample : K3636-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 12 15:18:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:39:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	93176	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	383135	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	250835	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	604075	20.00	ng	0.00
76) Chrysene-d12	21.66	240	638998	20.00	ng	0.00
87) Perylene-d12	24.86	264	713997	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	310157	55.86	ng	0.00
7) Phenol-d6	7.20	99	276696	36.78	ng	0.00
23) Nitrobenzene-d5	9.21	82	503067	80.02	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	331622	115.61	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1285417	80.57	ng	0.00
79) Terphenyl-d14	20.02	244	2108355	80.64	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.19	77	793	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	9.21	70	69594	12.597	ng #	81
51) 2,6-Dinitrotoluene	14.67	165	32330	8.246	ng #	16
57) 2,4-Dinitrotoluene	14.67	165	32330	6.269	ng #	20
65) 4,6-Dinitro-2-methylphenol	16.15	198	1255	Below Cal	#	1
66) n-Nitrosodiphenylamine	16.15	169	13753	Below Cal	#	51
67) 4-Bromophenyl-phenylether	16.15	248	26142	Below Cal	#	1
77) Benzidine	20.02	184	38468	Below Cal		97
80) Butylbenzylphthalate	20.70	149	1788	Below Cal	#	79
82) 3,3'-Dichlorobenzidine	21.57	252	296	Below Cal	#	9
86) Indeno(1,2,3-cd)pyrene	28.55	276	124	Below Cal	#	31

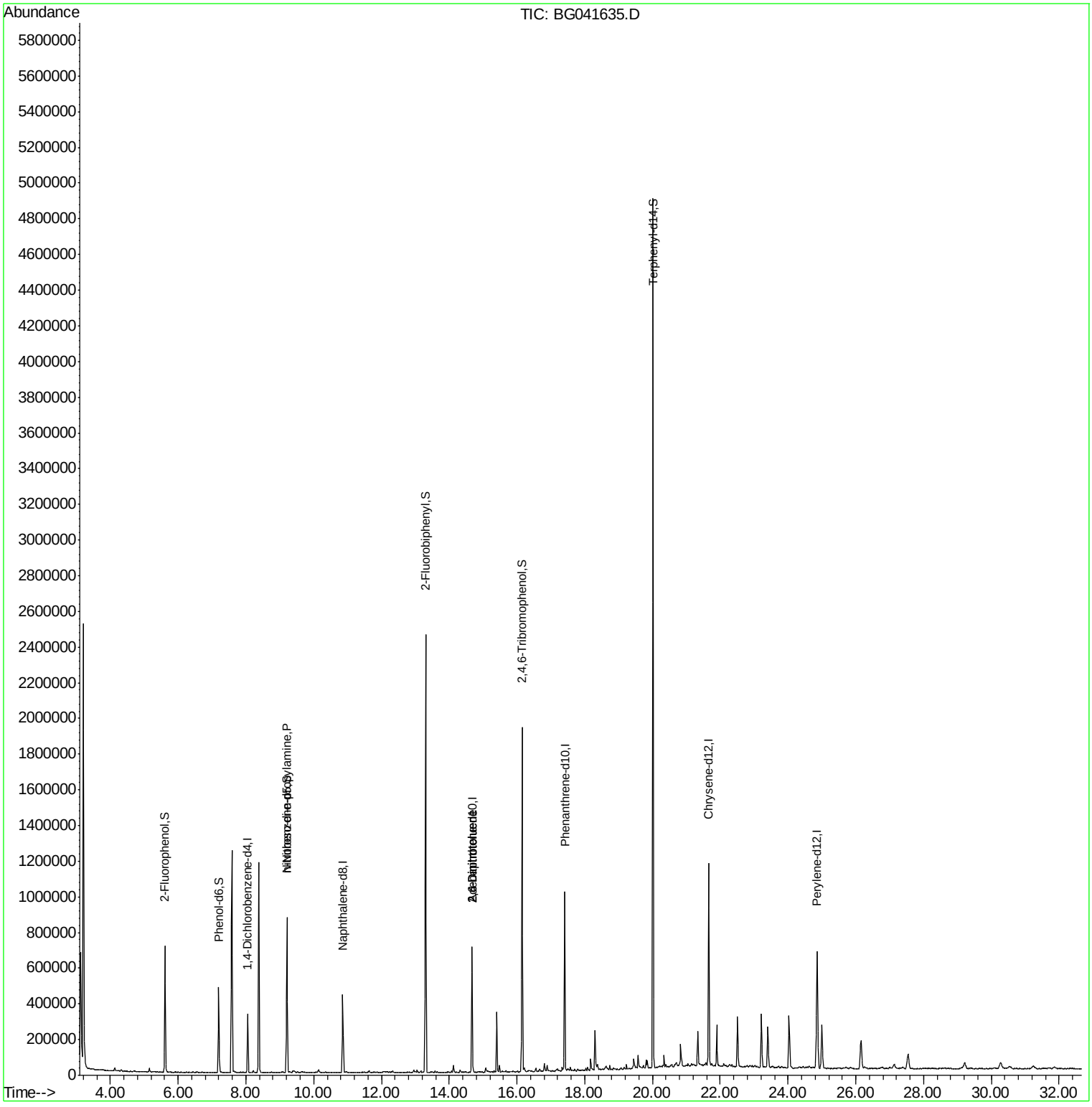
(#) = qualifier out of range (m) = manual integration (+) = signals summed

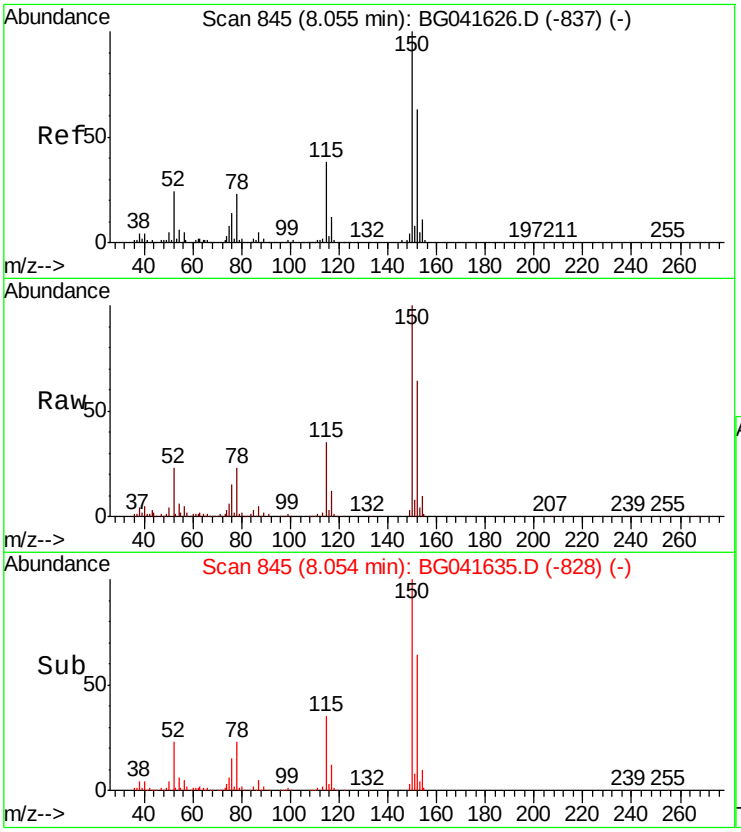
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071219\
Data File : BG041635.D
Acq On : 12 Jul 2019 11:45
Operator : HP/JU
Sample : K3636-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 12 15:18:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:39:06 2019
Response via : Initial Calibration



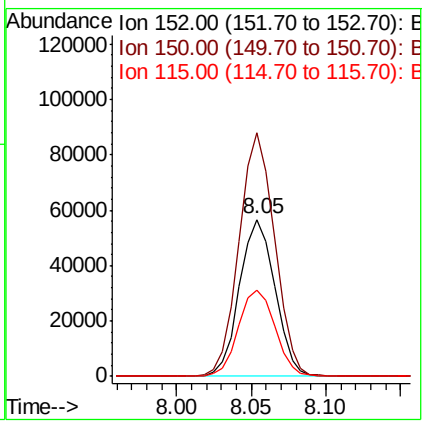


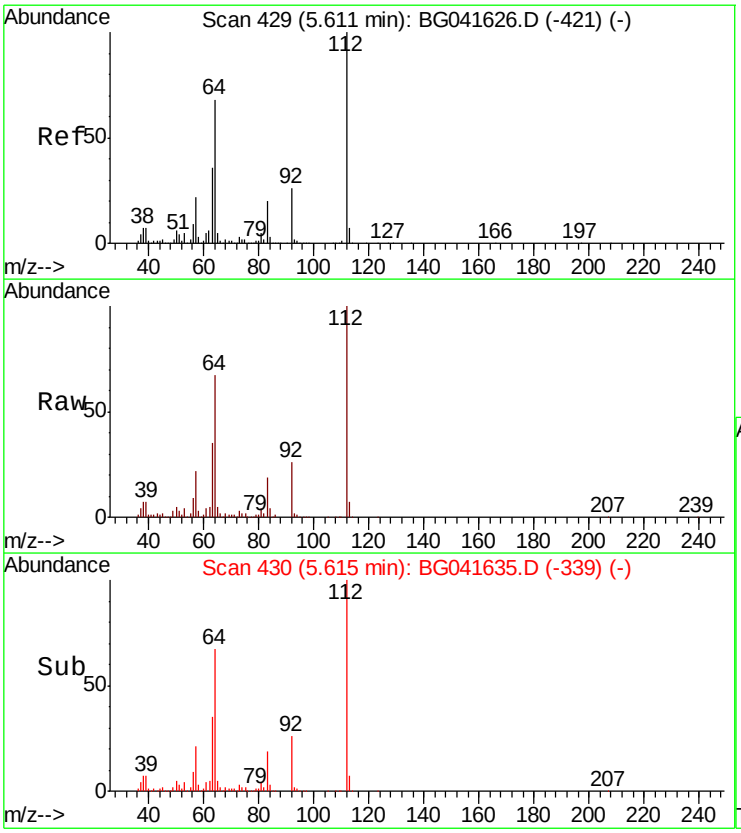
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 93176

Ion	Ratio	Lower	Upper
152	100		
150	155.1	120.6	181.0
115	54.6	47.9	71.9

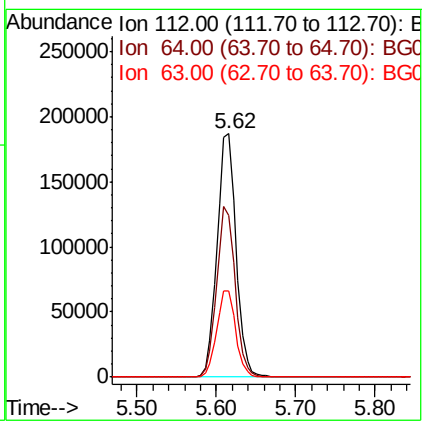


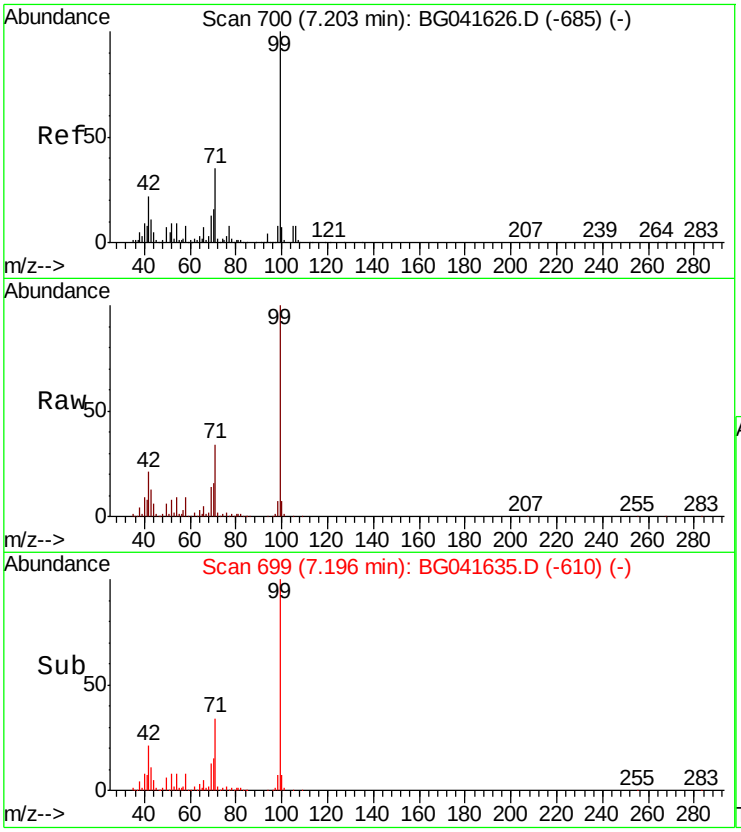


#5
2-Fluorophenol
Concen: 55.859 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Tgt Ion:112 Resp: 310157

Ion	Ratio	Lower	Upper
112	100		
64	66.6	55.9	83.9
63	35.2	34.6	51.8



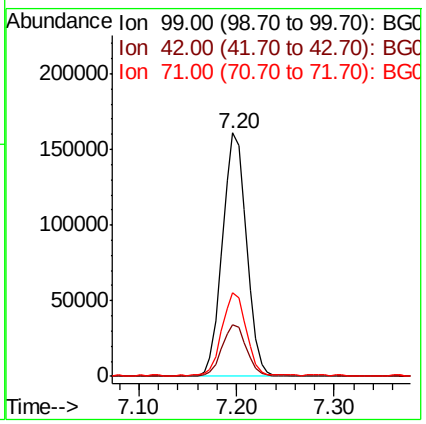


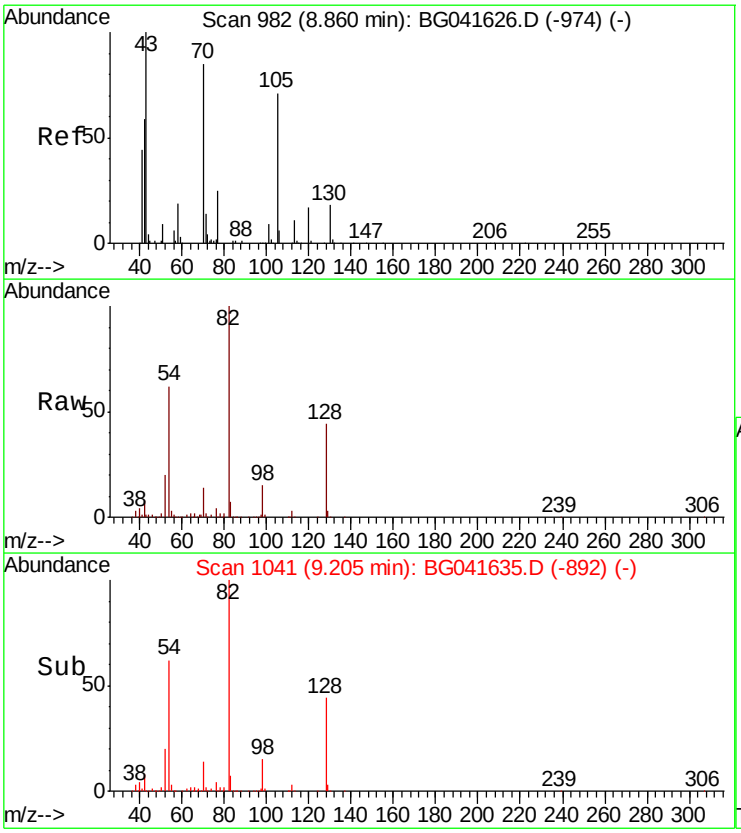
#7
Phenol-d6
Concen: 36.783 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 276696

Ion	Ratio	Lower	Upper
99	100		
42	21.2	19.9	29.9
71	34.5	36.4	54.6#

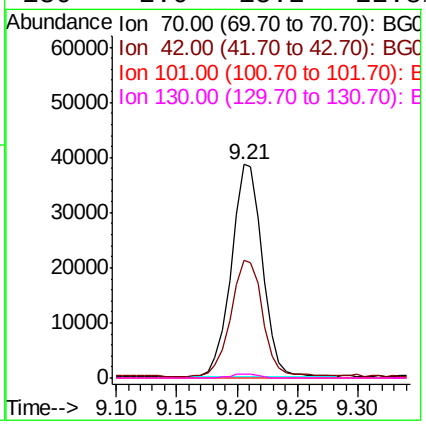


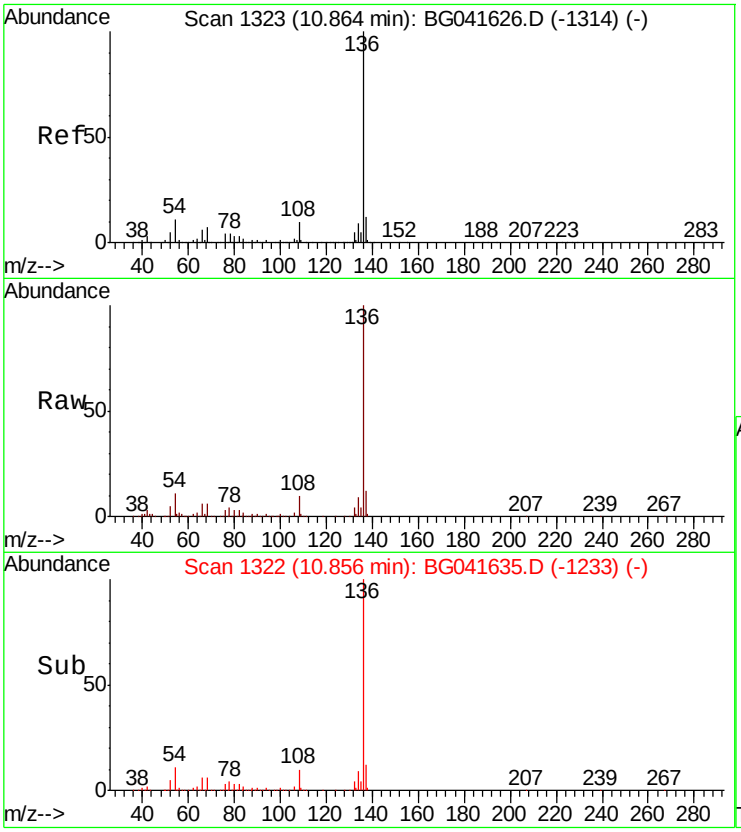


#19
n-Nitroso-di-n-propylamine
Concen: 12.597 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 70 Resp: 69594

Ion	Ratio	Lower	Upper
70	100		
42	55.0	51.4	77.2
101	0.0	8.2	12.2#
130	2.0	15.2	22.8#



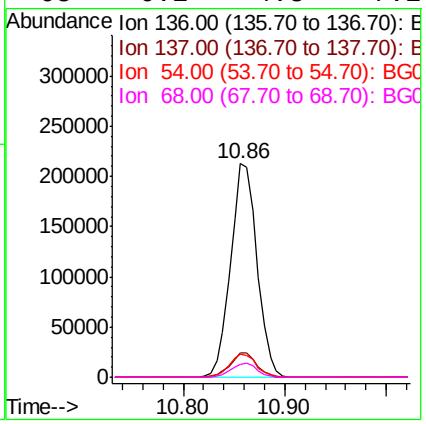


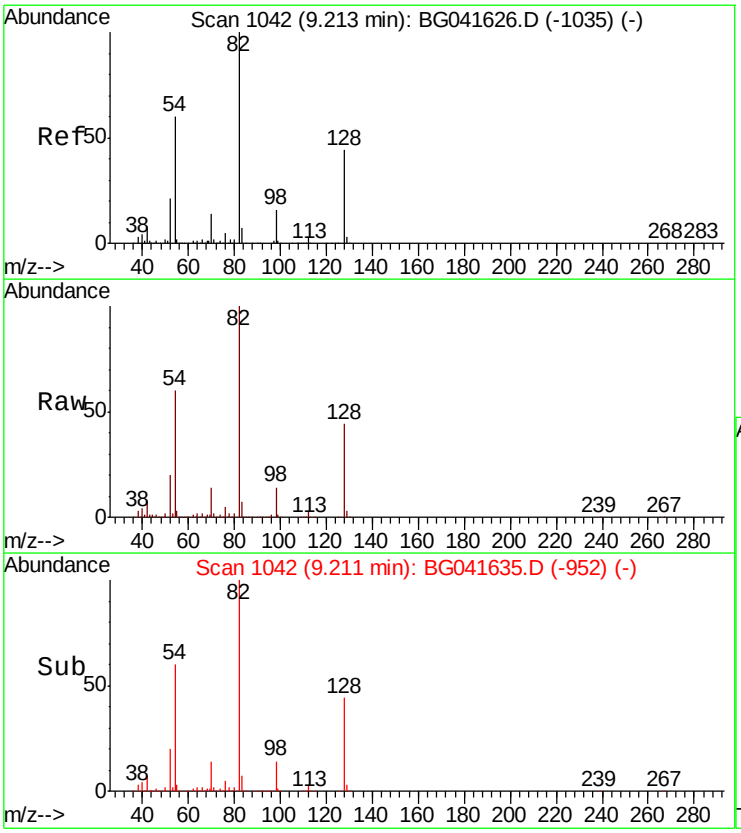
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 383135

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.9	6.4	9.6#
68	6.2	4.8	7.2

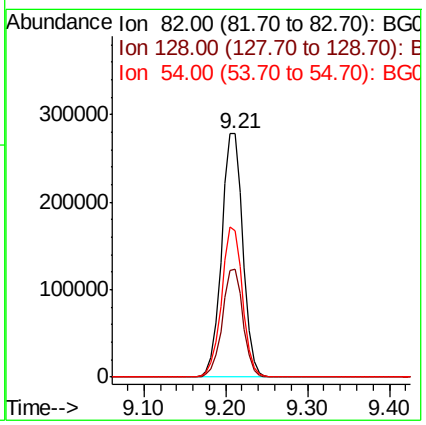


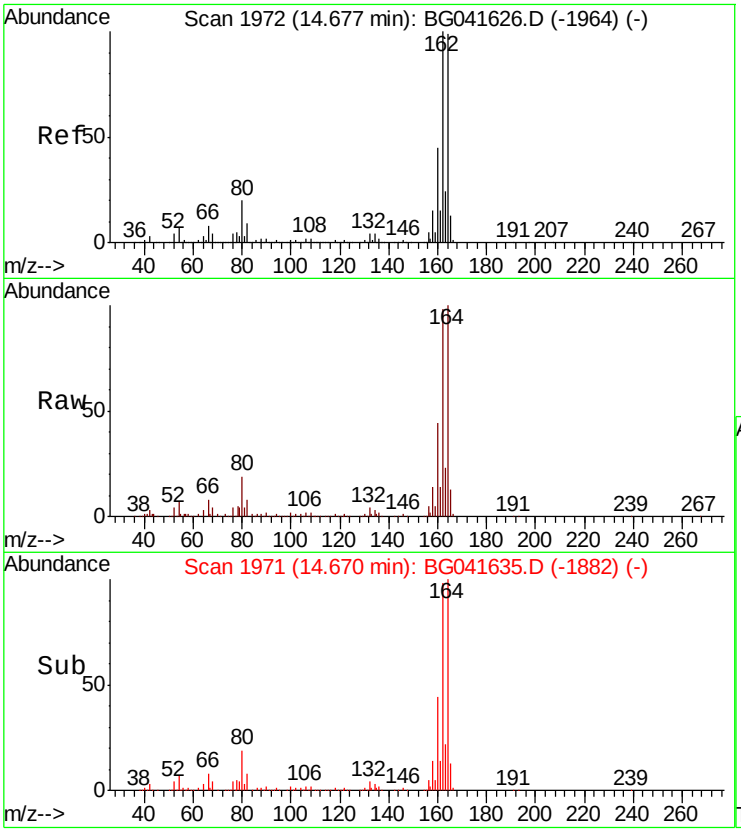


#23
Nitrobenzene-d5
Concen: 80.021 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 82 Resp: 503067

Ion	Ratio	Lower	Upper
82	100		
128	44.3	29.2	43.8#
54	60.0	43.4	65.0



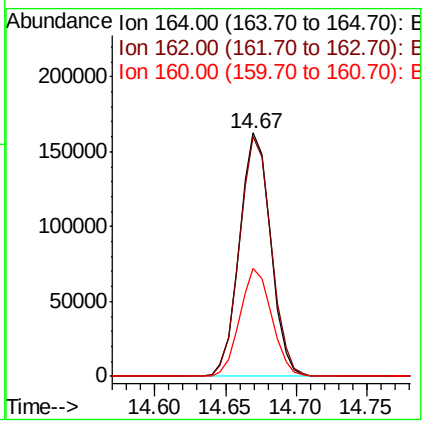


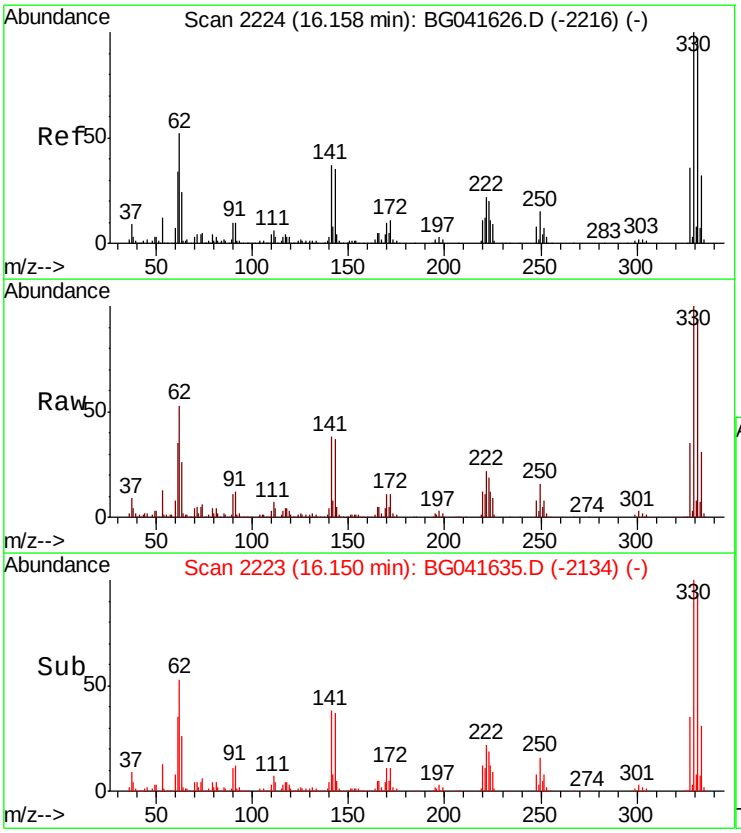
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 250835

Ion	Ratio	Lower	Upper
164	100		
162	98.4	82.8	124.2
160	44.2	35.8	53.8

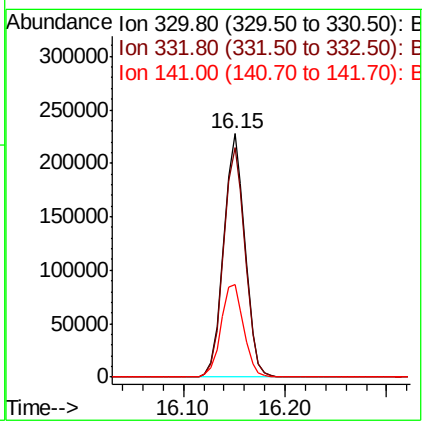


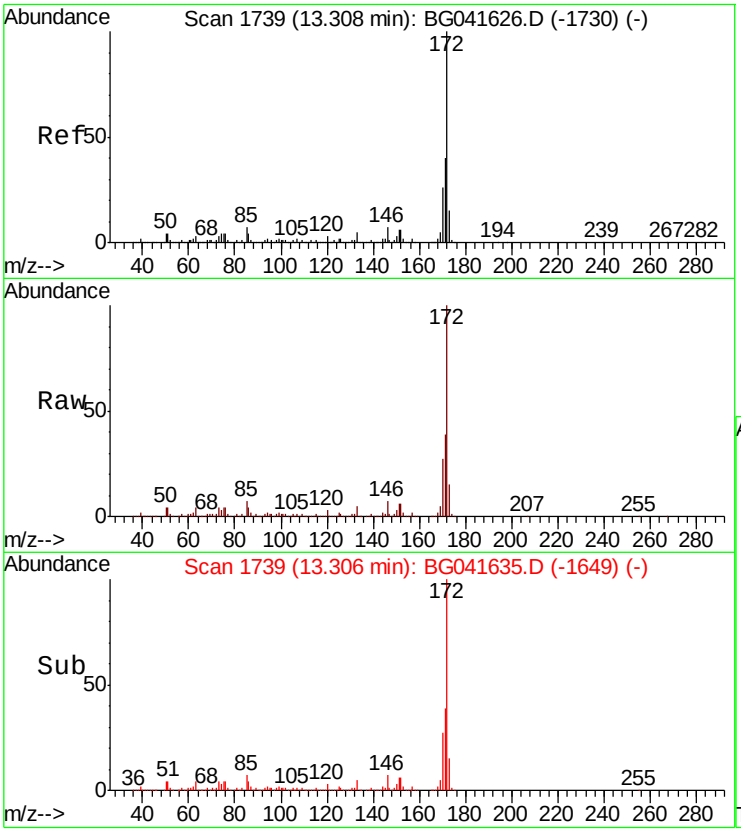


#42
2,4,6-Tribromophenol
Concen: 115.614 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Tgt Ion:330 Resp: 331622

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.5	113.3
141	40.2	29.0	43.4



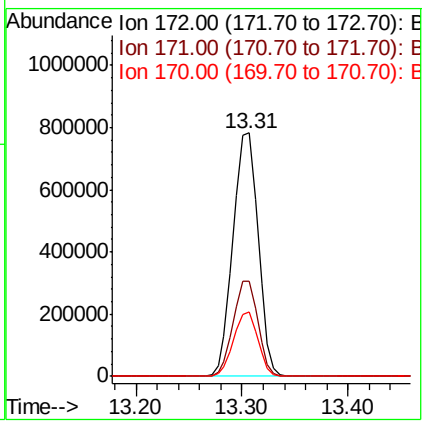


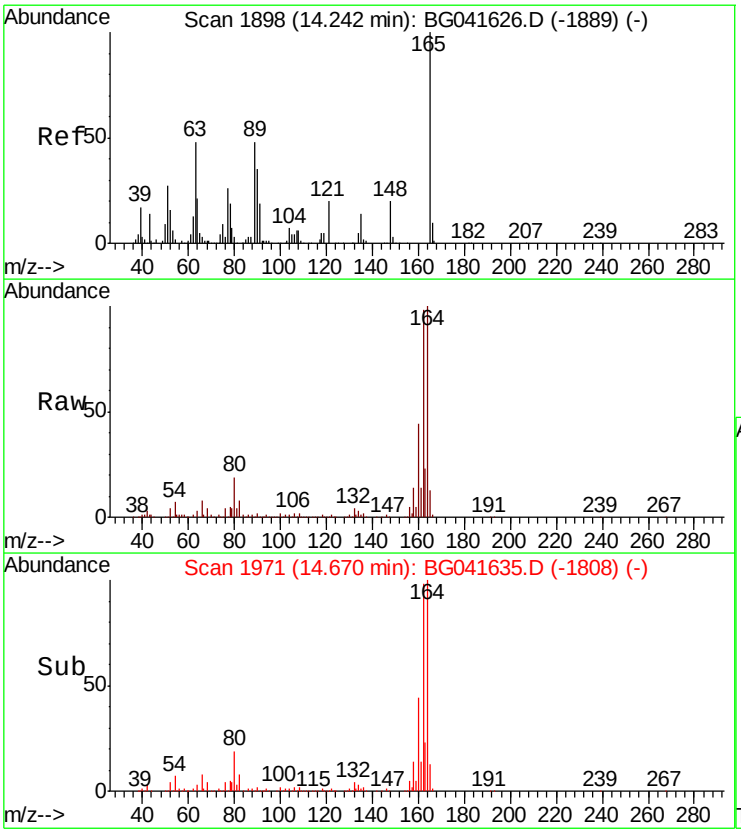
#45
2-Fluorobiphenyl
Concen: 80.565 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1285417

Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.0	45.0
170	26.6	19.8	29.6

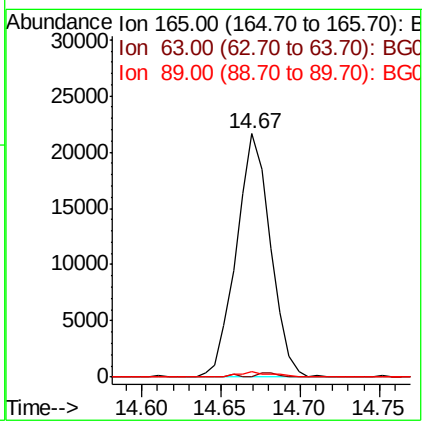


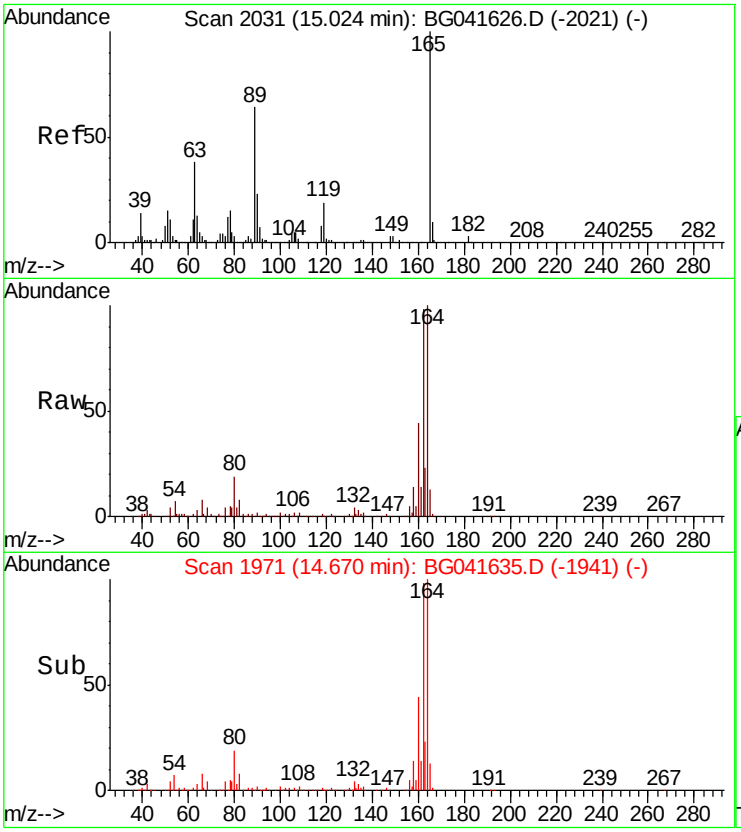


#51
2,6-Dinitrotoluene
Concen: 8.246 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.43 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Tgt Ion:165 Resp: 32330

Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.0#
89	2.4	56.5	84.7#



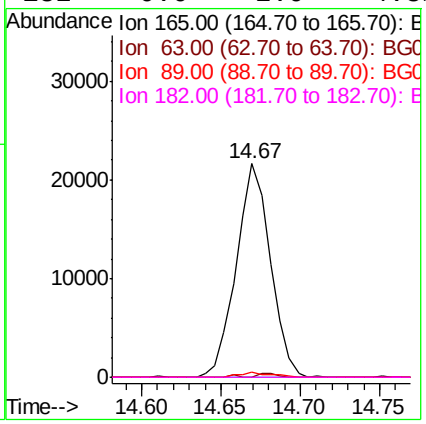


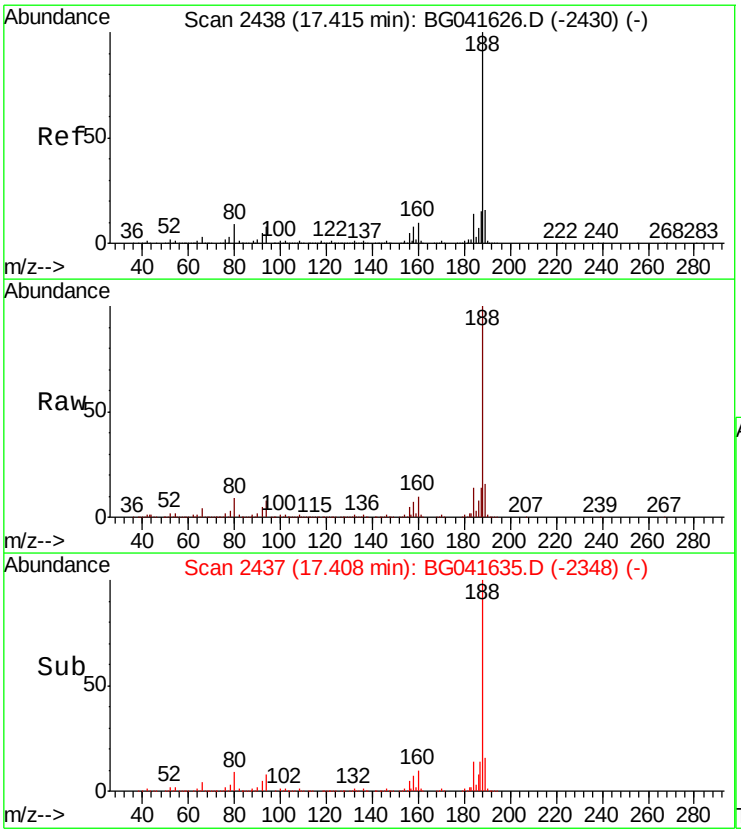
#57
2,4-Dinitrotoluene
Concen: 6.269 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.35 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 32330

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	2.4	64.6	96.8#
182	0.0	2.9	4.3#

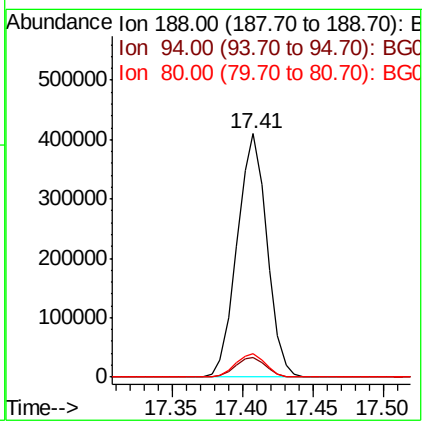


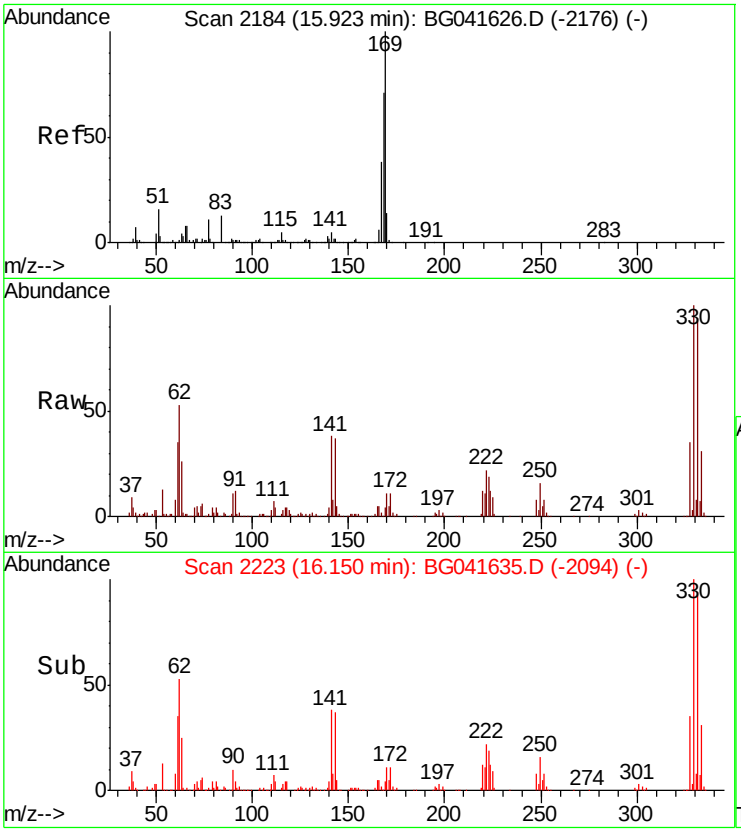


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Tgt Ion:188 Resp: 604075

Ion	Ratio	Lower	Upper
188	100		
94	8.3	3.6	5.4#
80	9.4	4.8	7.2#



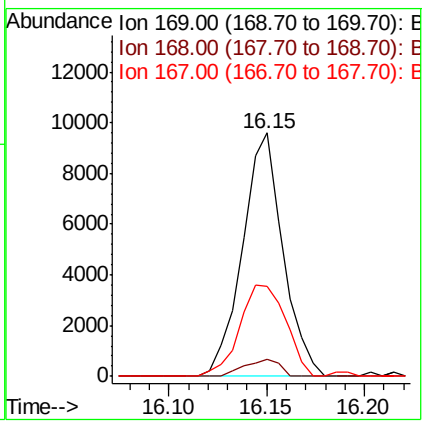


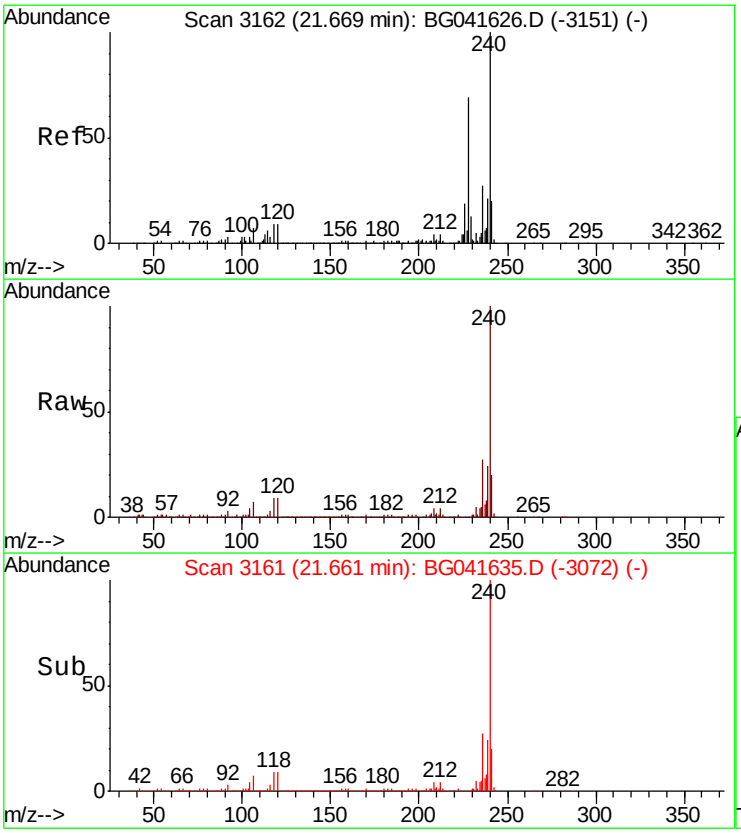
#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 16.15 min Scan# 2223
Delta R.T. 0.23 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 13753

Ion	Ratio	Lower	Upper
169	100		
168	7.1	55.2	82.8#
167	37.2	30.4	45.6

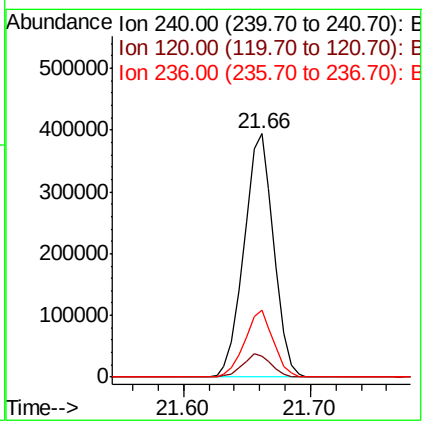


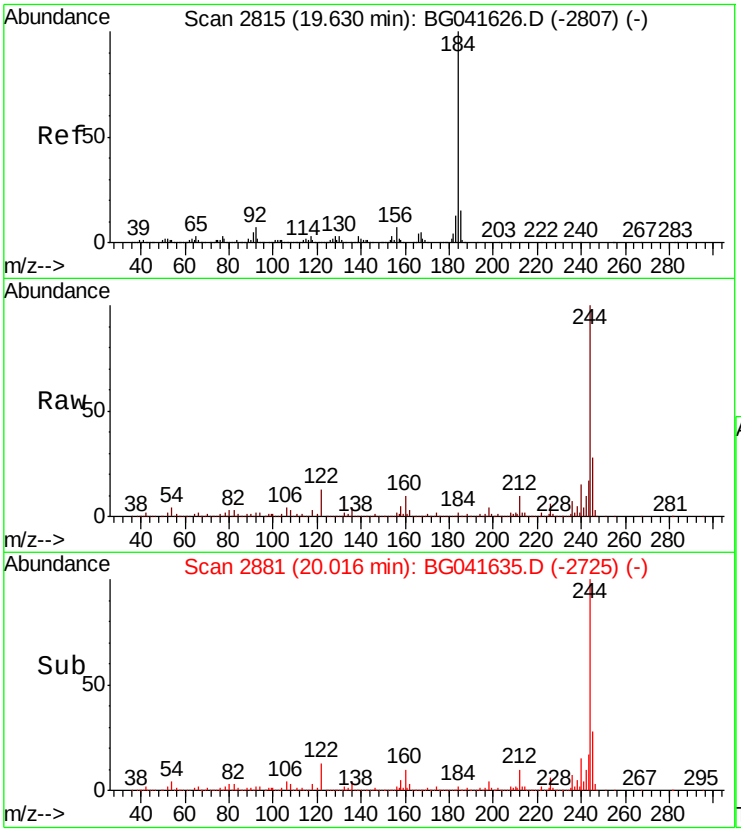


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Tgt Ion:240 Resp: 638998

Ion	Ratio	Lower	Upper
240	100		
120	8.8	3.7	5.5#
236	27.5	21.1	31.7



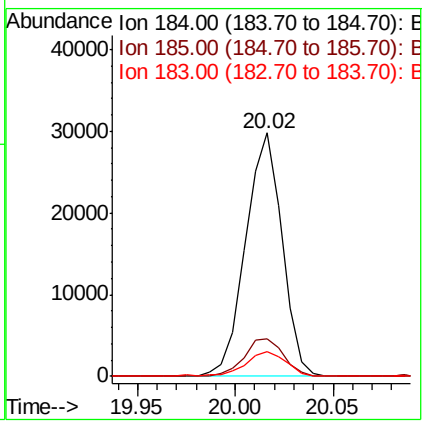


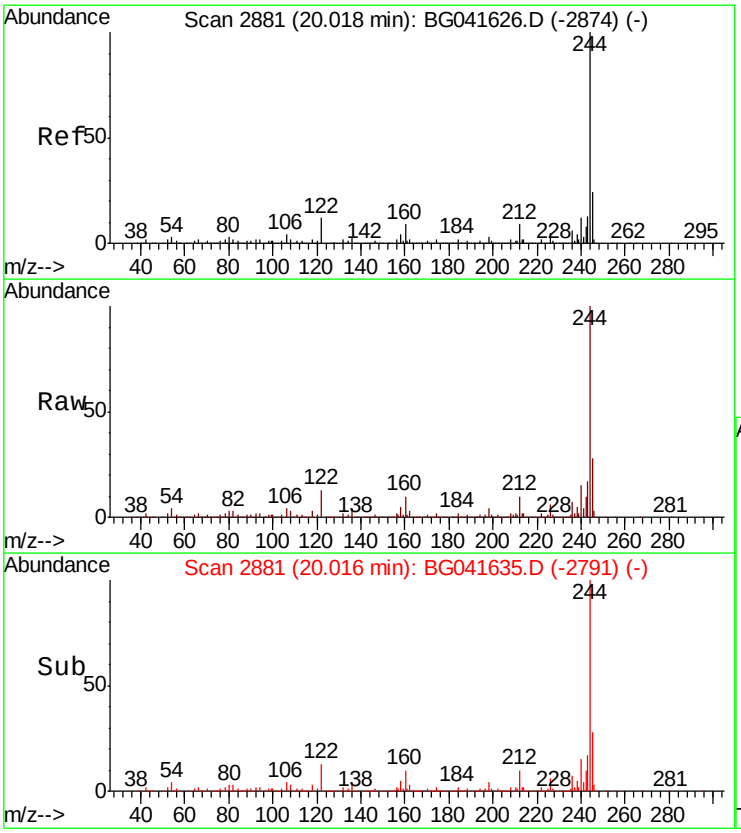
#77
Benzidine
Concen: Below Cal
RT: 20.02 min Scan# 2881
Delta R.T. 0.39 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 38468

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.2
183	10.0	9.6	14.4

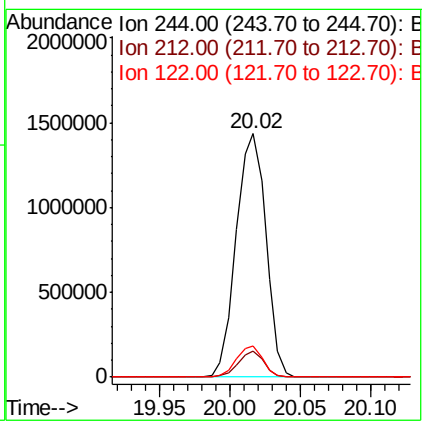


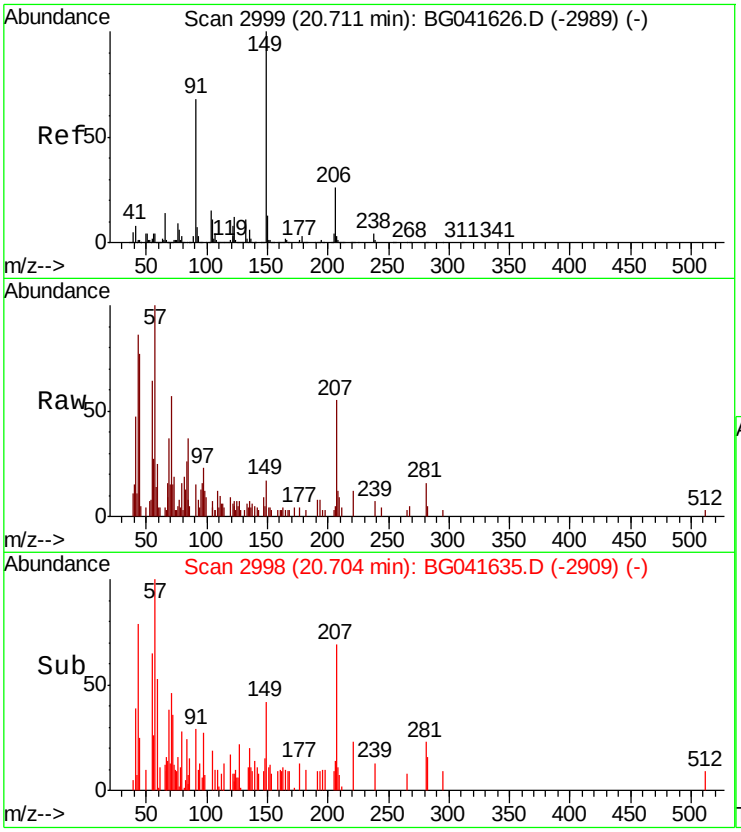


#79
Terphenyl-d14
Concen: 80.641 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Tgt Ion:244 Resp: 2108355

Ion	Ratio	Lower	Upper
244	100		
212	10.5	6.6	10.0#
122	12.6	5.0	7.4#



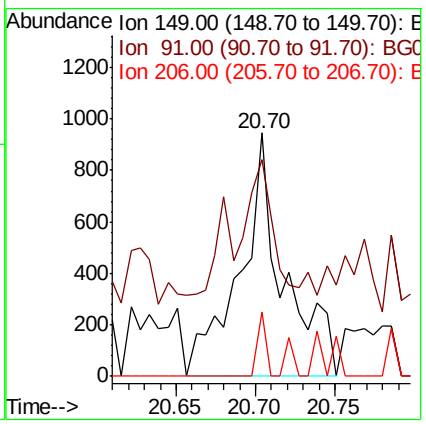


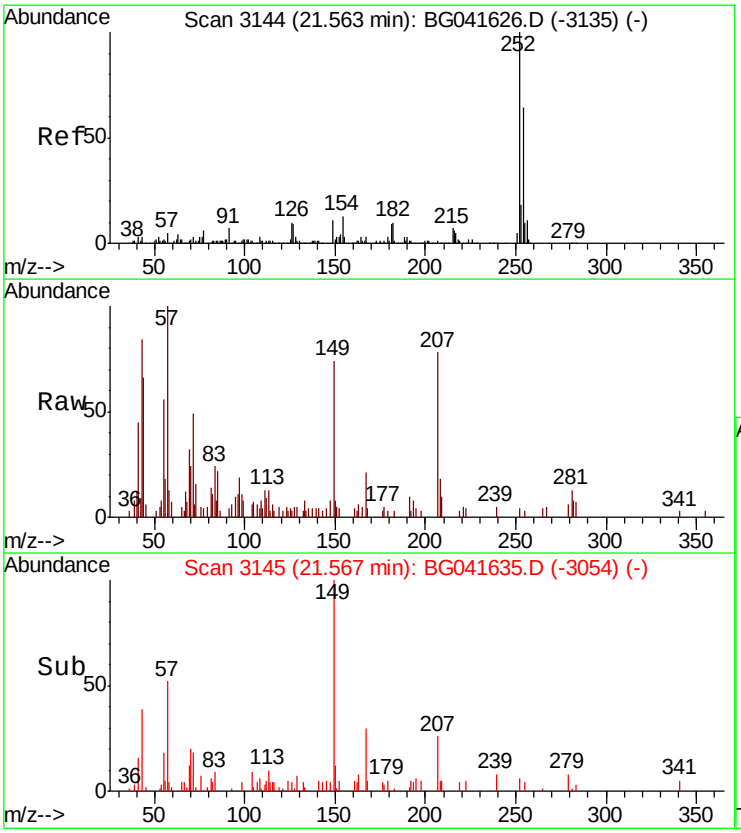
#80
Butylbenzylphthalate
Concen: Below Cal
RT: 20.70 min Scan# 2998
Delta R.T. -0.01 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 1788

Ion	Ratio	Lower	Upper
149	100		
91	89.0	53.2	79.8#
206	26.5	20.3	30.5

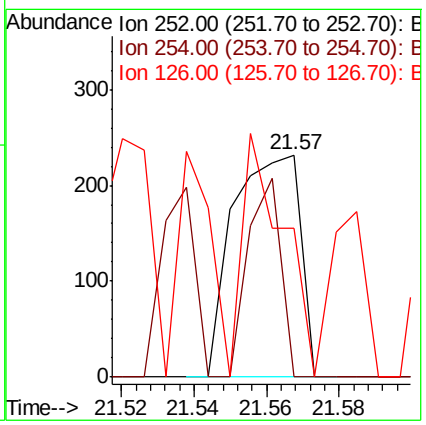


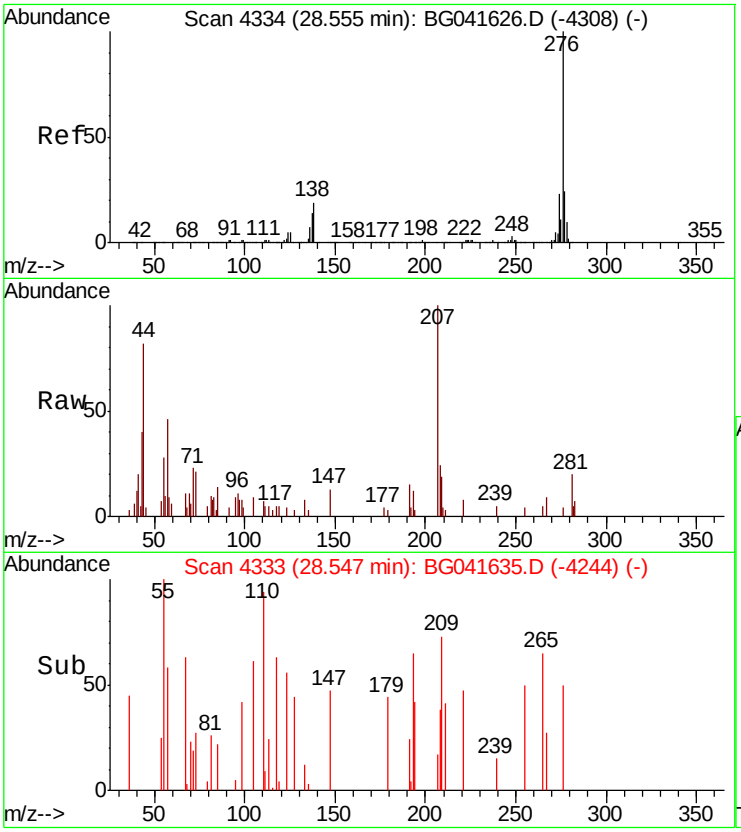


#82
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.57 min Scan# 3145
Delta R.T. 0.00 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Tgt Ion:252 Resp: 296

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.0#
126	66.8	6.0	9.0#



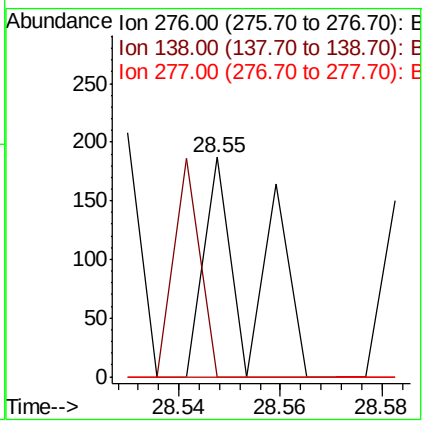


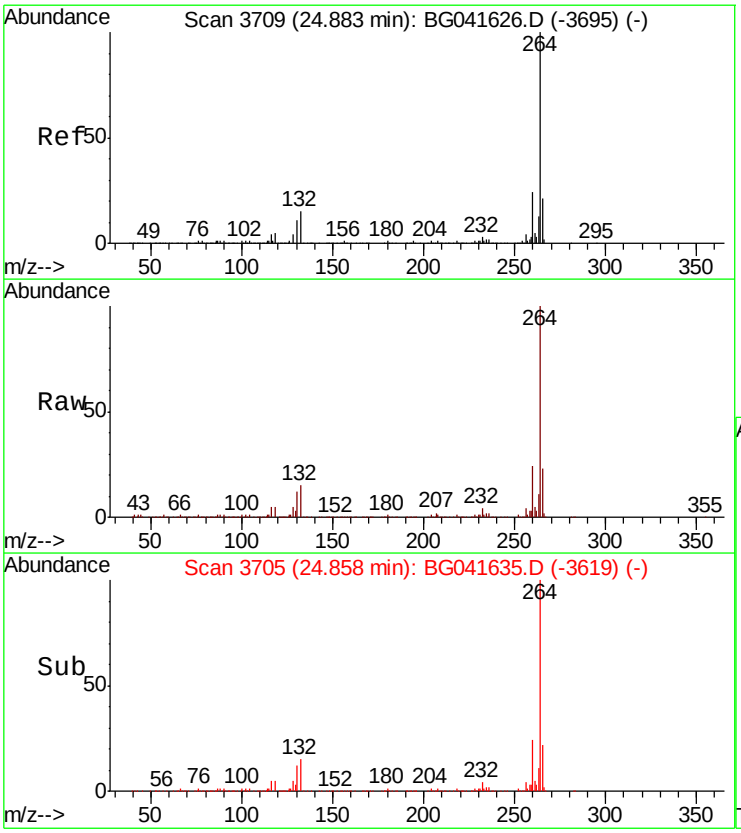
#86
Indeno(1,2,3-cd)pyrene
Concen: Below Cal
RT: 28.55 min Scan# 4333
Delta R.T. -0.01 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 124

Ion	Ratio	Lower	Upper
276	100		
138	53.2	7.7	11.5#
277	0.0	20.6	31.0#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.03 min
Lab File: BG041635.D
Acq: 12 Jul 2019 11:45

Tgt Ion:264 Resp: 713997

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.2
265	22.5	17.2	25.8