Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042961.D
Acq On : 1 Oct 2019 3:51
Operator : JU
Sample : K5079-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 01 07:14:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	65310	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	229970	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	164654	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	397370	20.00	ng	0.00
76) Chrysene-d12	21.70	240	480195	20.00	ng	-0.01
87) Perylene-d12	24.92	264	541281	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	465544	127.21	ng	0.00
7) Phenol-d6	7.24	99	638934	121.24	ng	0.00
23) Nitrobenzene-d5	9.23	82	430150	90.91	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	384063	135.65	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1070596	94.26	ng	0.00
79) Terphenyl-d14	20.04	244	2156201	95.68	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.39	79	8238	2.079	ng	# 54
19) n-Nitroso-di-n-propylamine	9.23	70	59137	17.089	ng	# 70
32) Benzoic acid	10.23	122	53	2.824	ng	# 1
51) 2,6-Dinitrotoluene	14.69	165	21717	8.266	ng	# 20
57) 2,4-Dinitrotoluene	14.69	165	21717	5.645	ng	# 24
67) 4-Bromophenyl-phenylether	16.17	248	25362	5.085	ng	# 1
77) Benzidine	20.04	184	36389	3.026	ng	# 91

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

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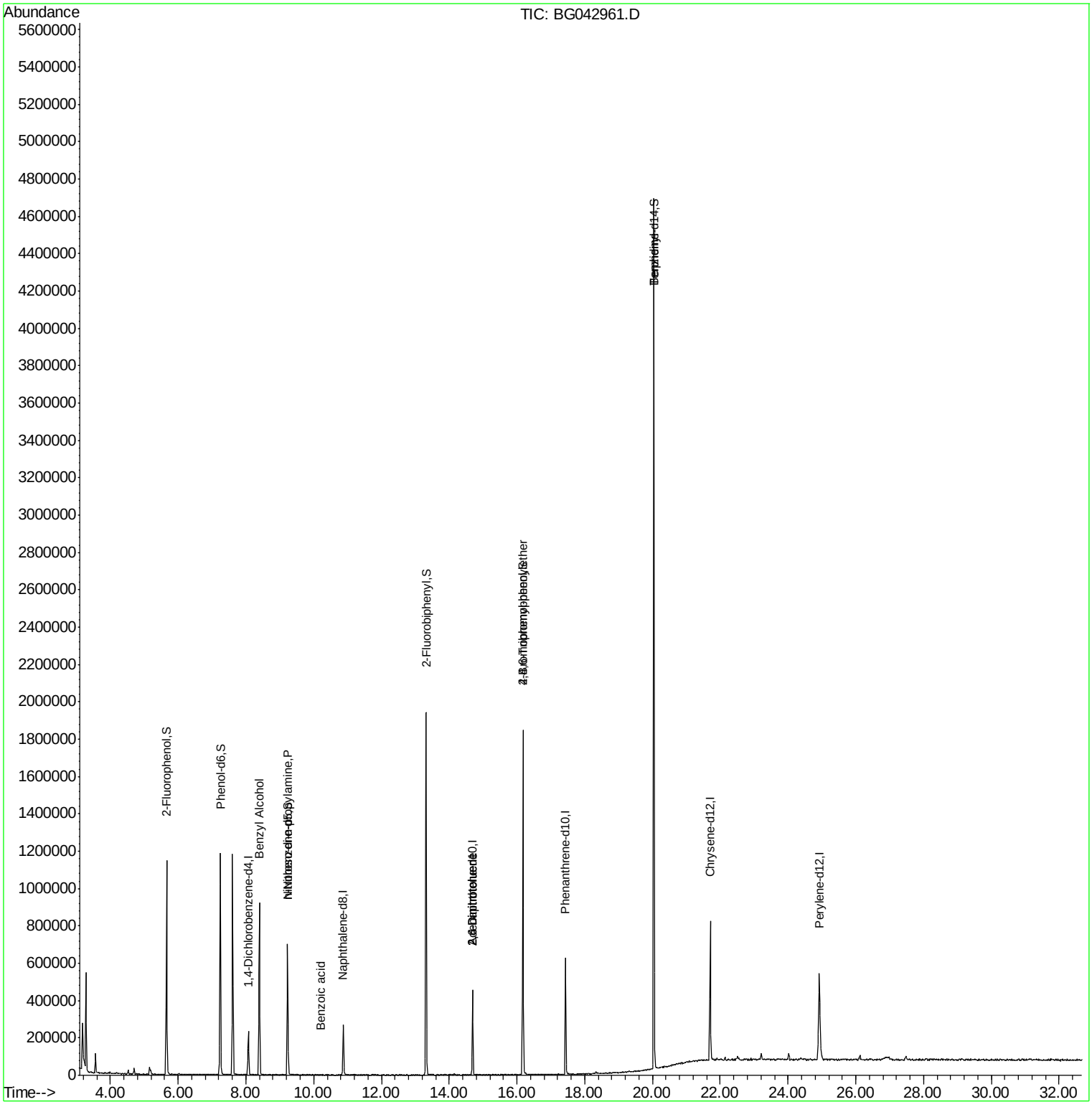
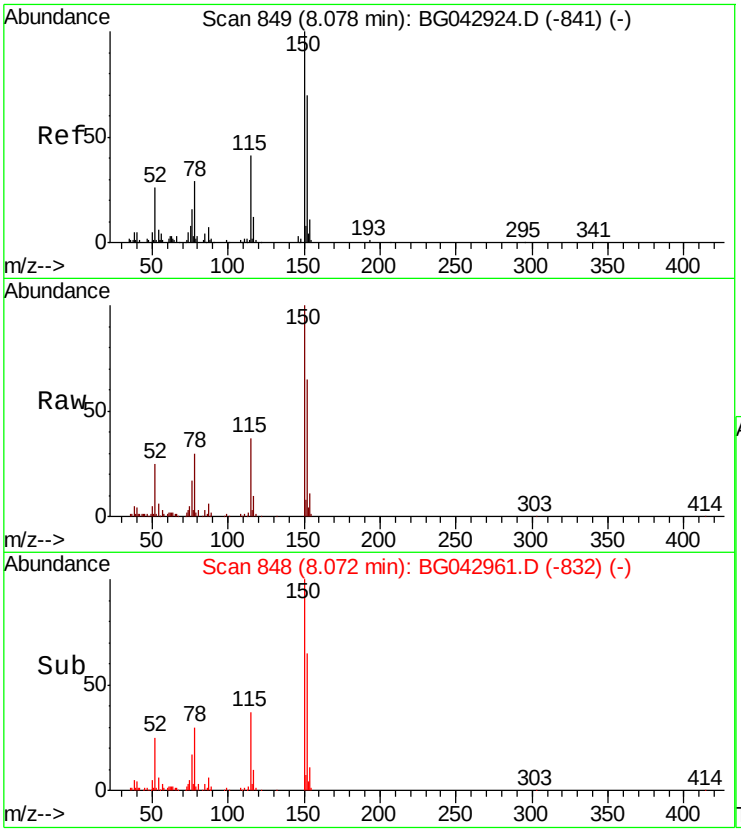


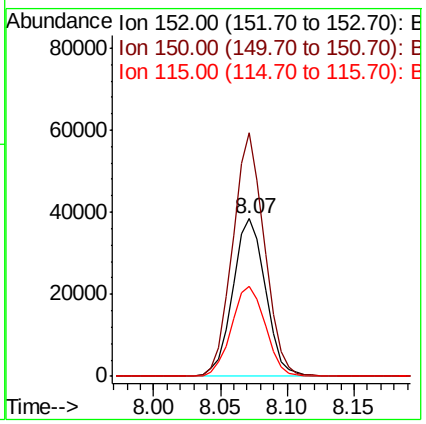


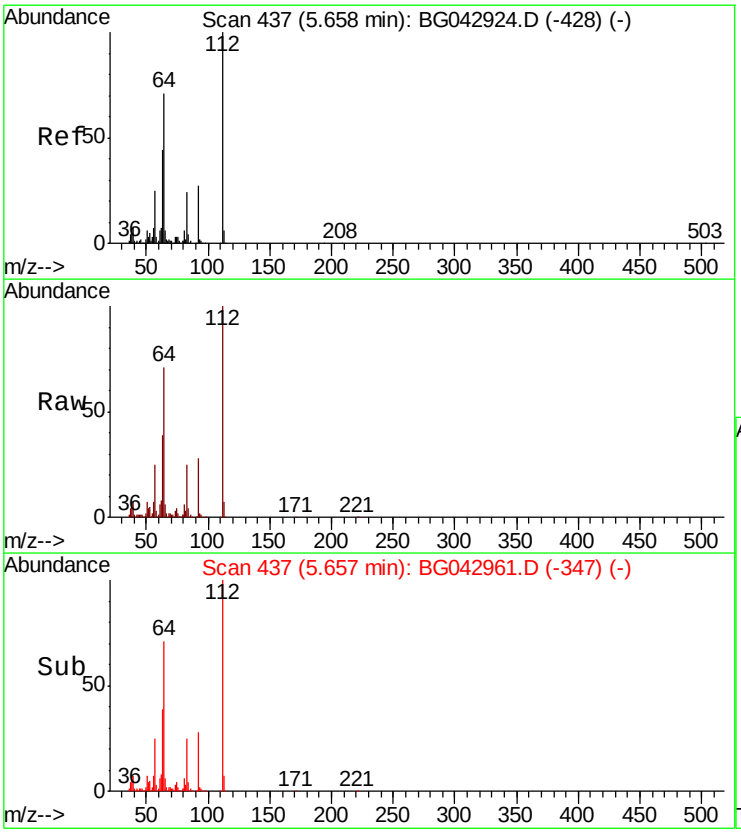
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 65310

Ion	Ratio	Lower	Upper
152	100		
150	154.6	115.0	172.4
115	57.4	47.0	70.6

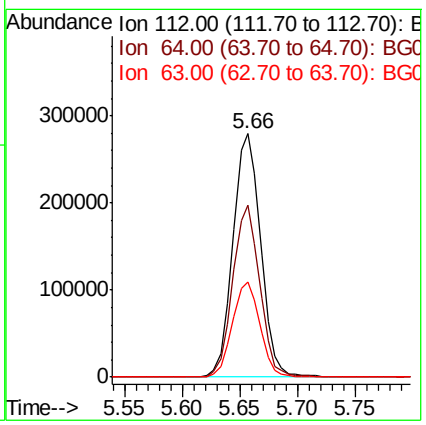


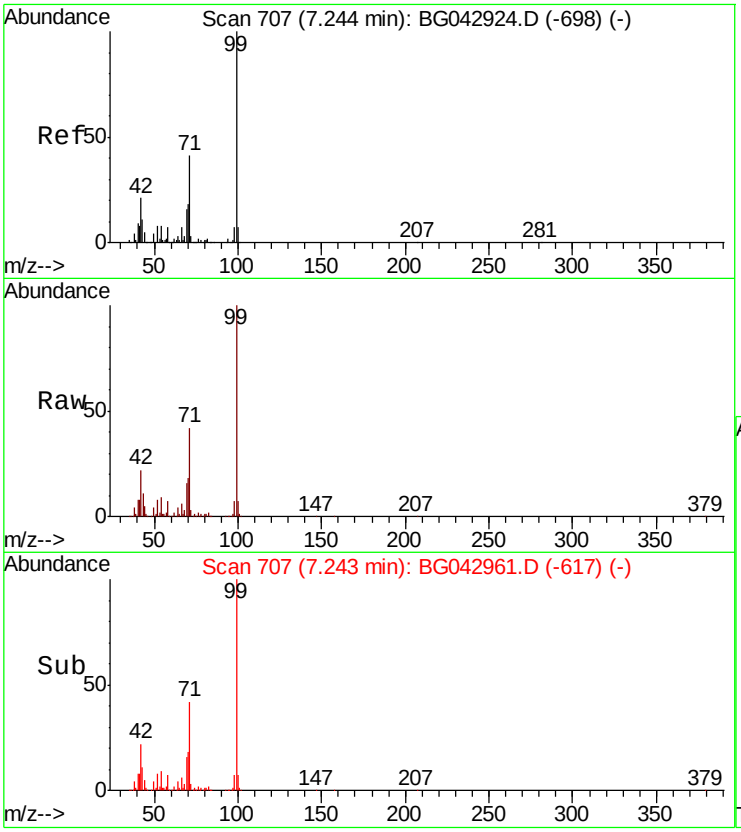


#5
2-Fluorophenol
Concen: 127.212 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Tgt Ion:112 Resp: 465544

Ion	Ratio	Lower	Upper
112	100		
64	70.7	56.6	84.8
63	39.2	35.1	52.7



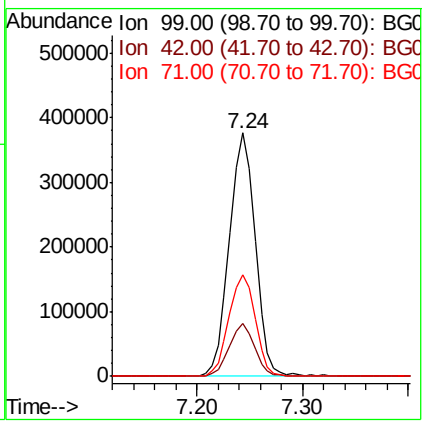


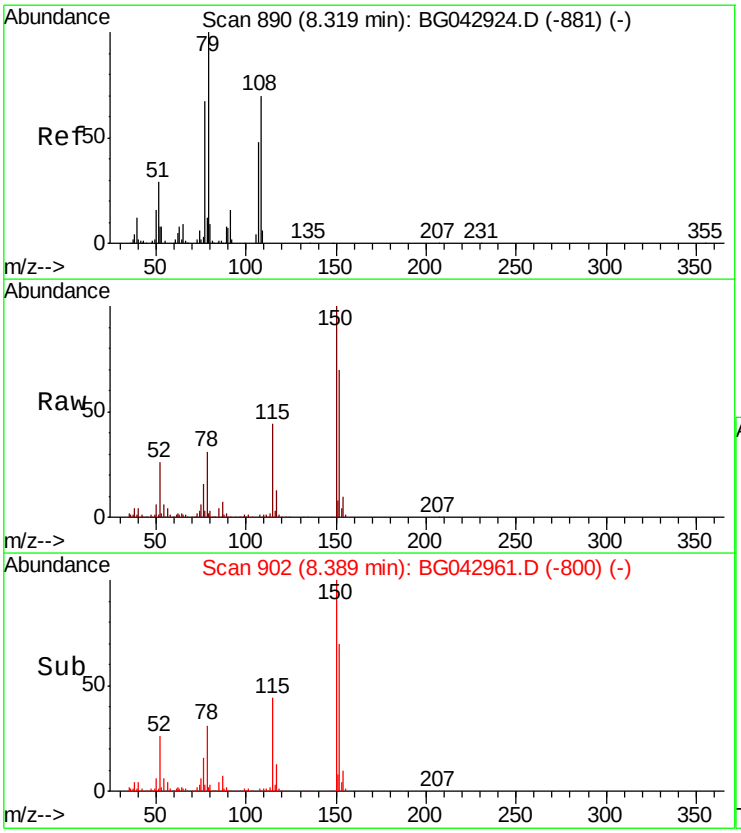
#7
Phenol-d6
Concen: 121.239 ng
RT: 7.24 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 638934

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.2	25.8
71	42.0	33.1	49.7

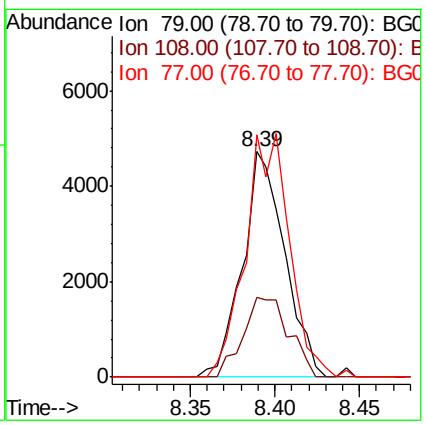


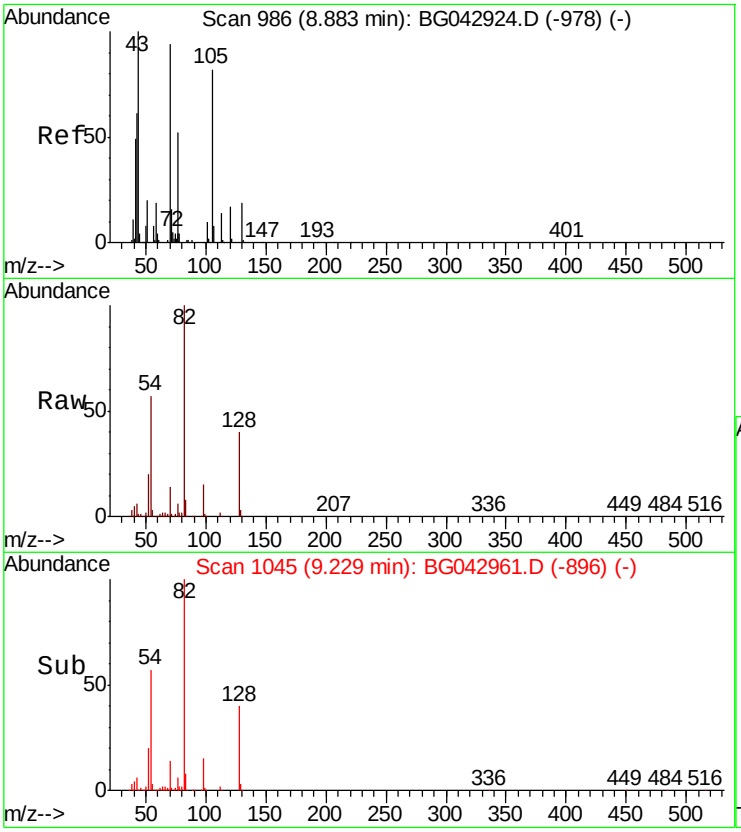


#15
Benzyl Alcohol
Concen: 2.079 ng
RT: 8.39 min Scan# 902
Delta R.T. 0.07 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Tgt Ion: 79 Resp: 8238

Ion	Ratio	Lower	Upper
79	100		
108	35.4	55.7	83.5#
77	107.3	53.3	79.9#



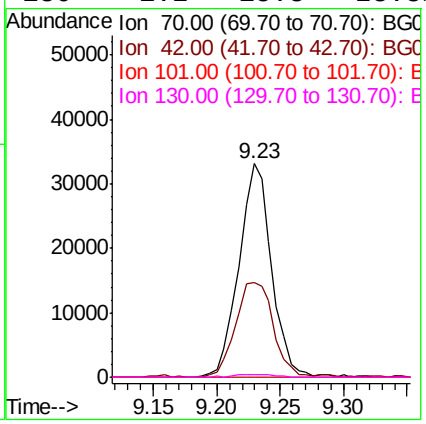


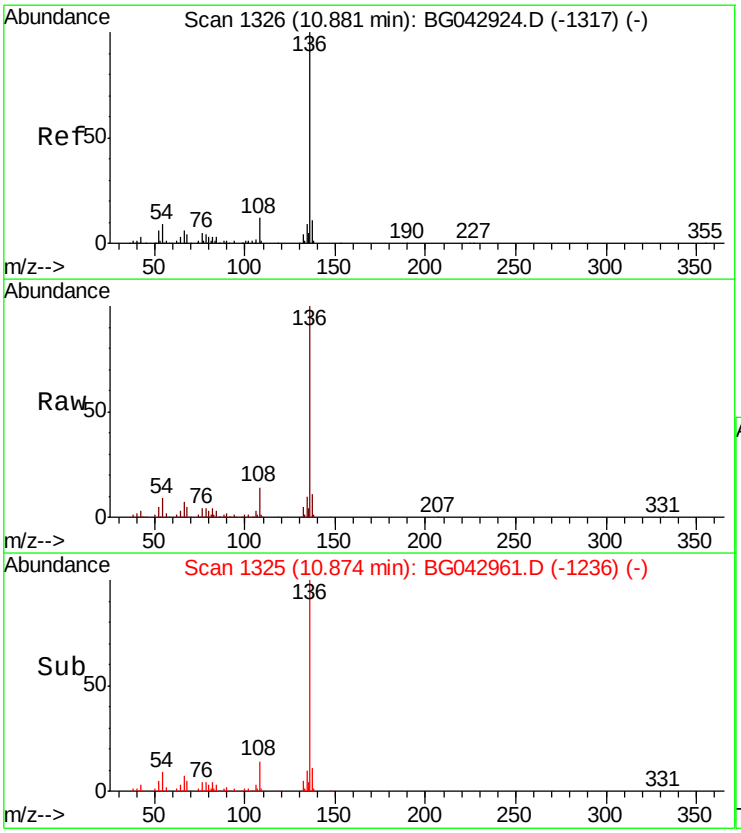
#19
n-Nitroso-di-n-propylamine
Concen: 17.089 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.35 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 59137

Ion	Ratio	Lower	Upper
70	100		
42	44.2	52.6	79.0#
101	0.0	8.7	13.1#
130	1.2	15.8	23.8#

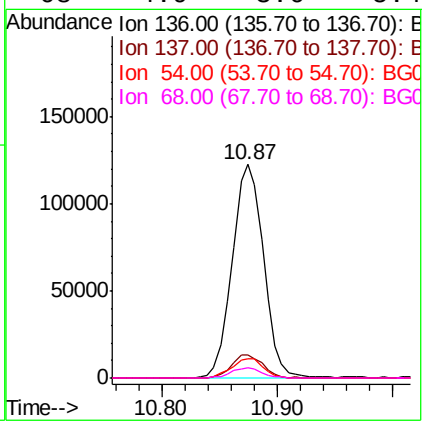


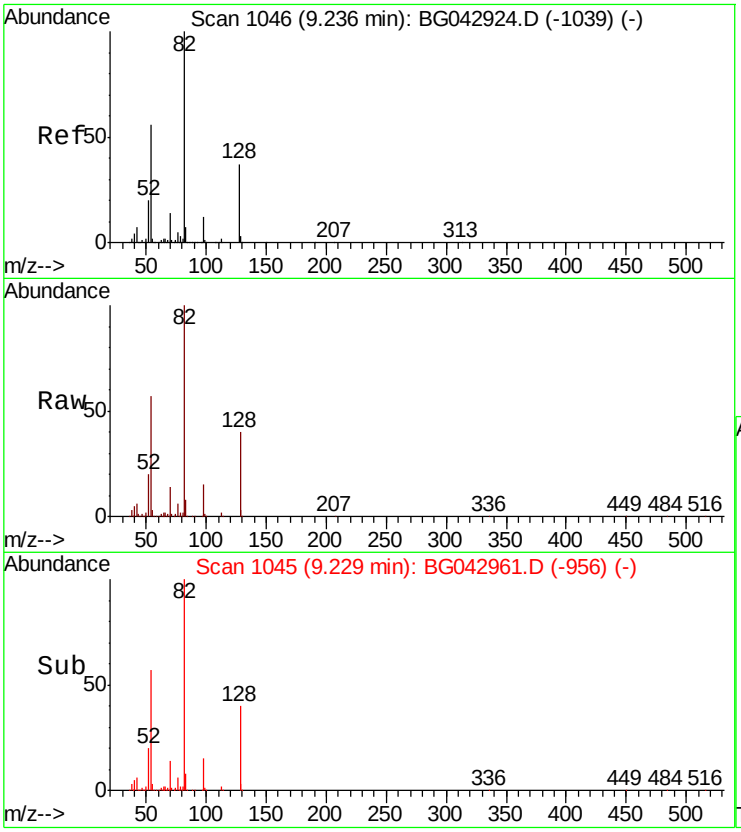


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Tgt Ion:136 Resp: 229970

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.2	7.4	11.2
68	4.9	3.6	5.4

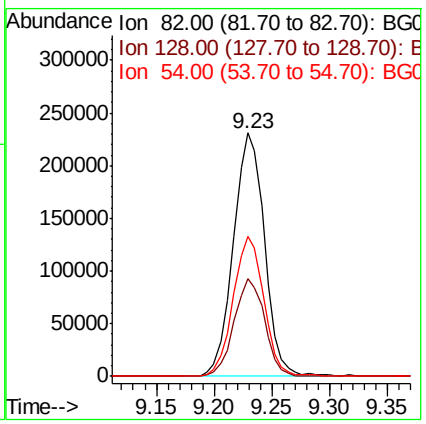




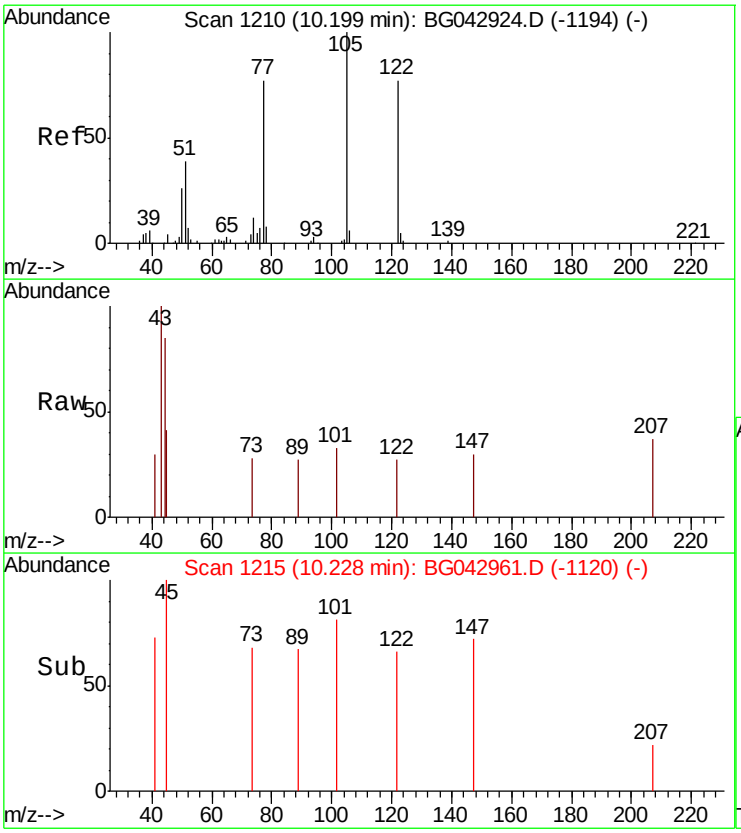
#23
Nitrobenzene-d5
Concen: 90.914 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Tgt Ion: 82 Resp: 430150

Ion	Ratio	Lower	Upper
82	100		
128	40.3	29.5	44.3
54	57.3	44.6	67.0



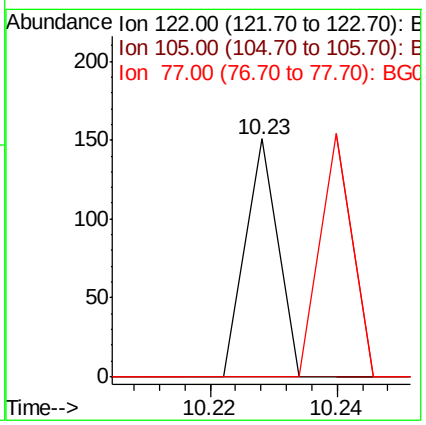
Instrument :
BNA_G
ClientSampleId :

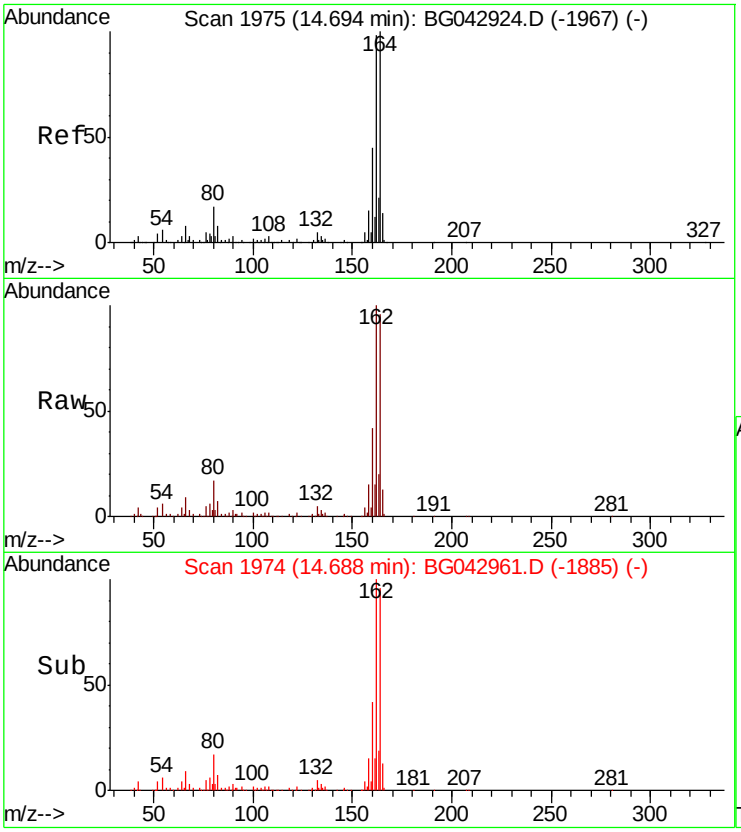


#32
Benzoic acid
Concen: 2.824 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.03 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Tgt Ion:122 Resp: 53

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#



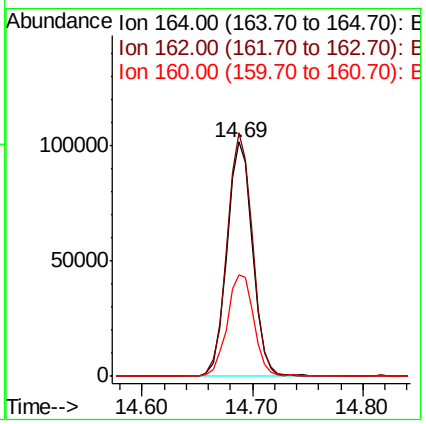


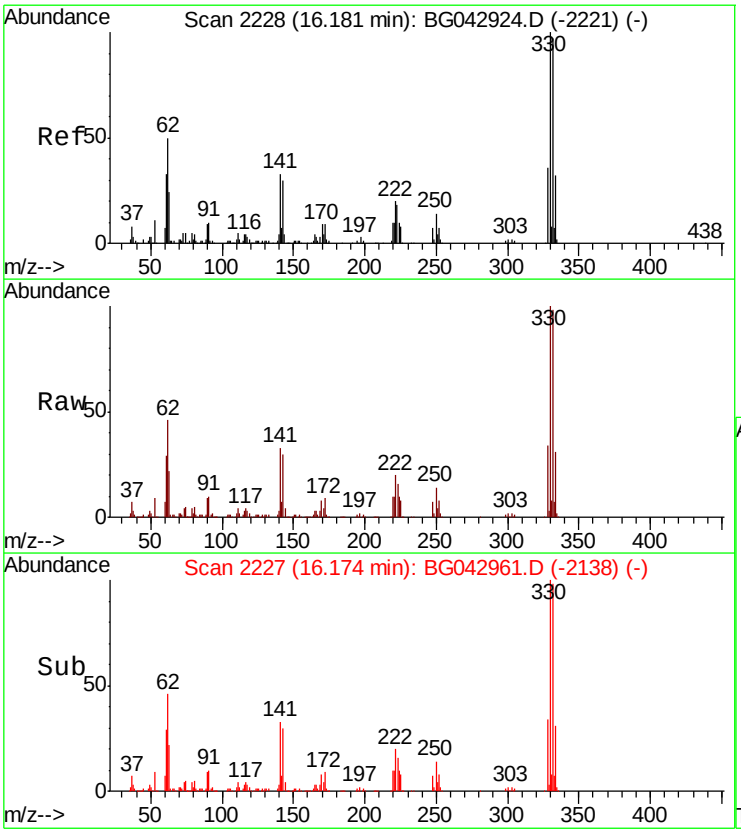
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 164654

Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.5	117.7
160	43.5	35.9	53.9

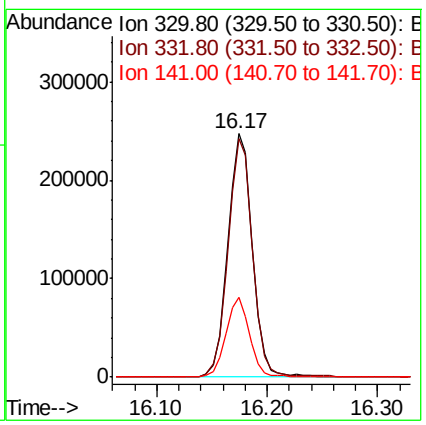


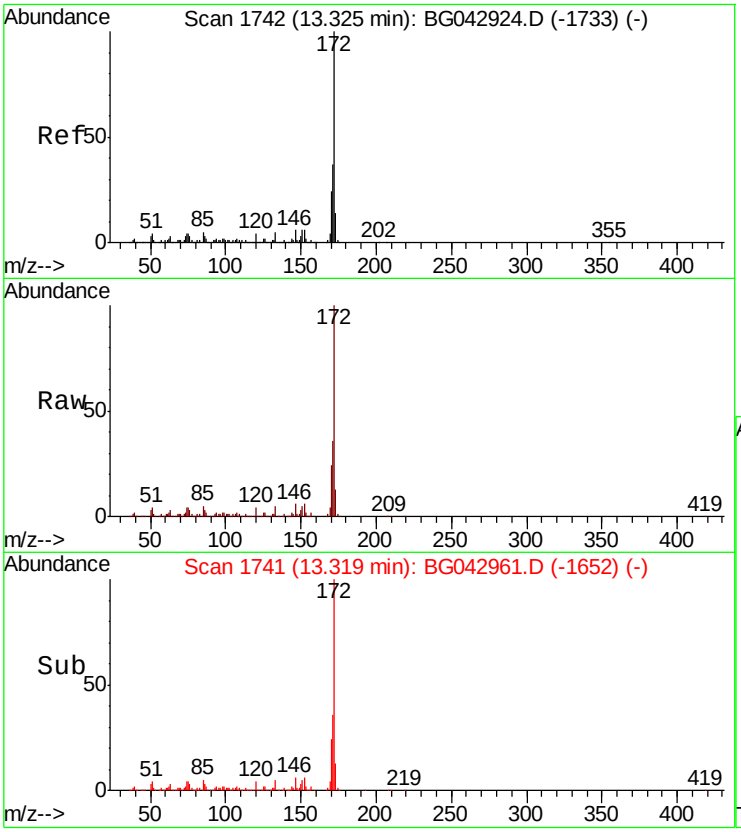


#42
2,4,6-Tribromophenol
Concen: 135.648 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Tgt Ion:330 Resp: 384063

Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.2	117.2
141	31.5	26.0	39.0



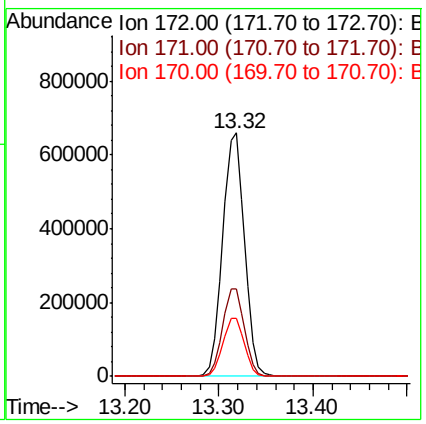


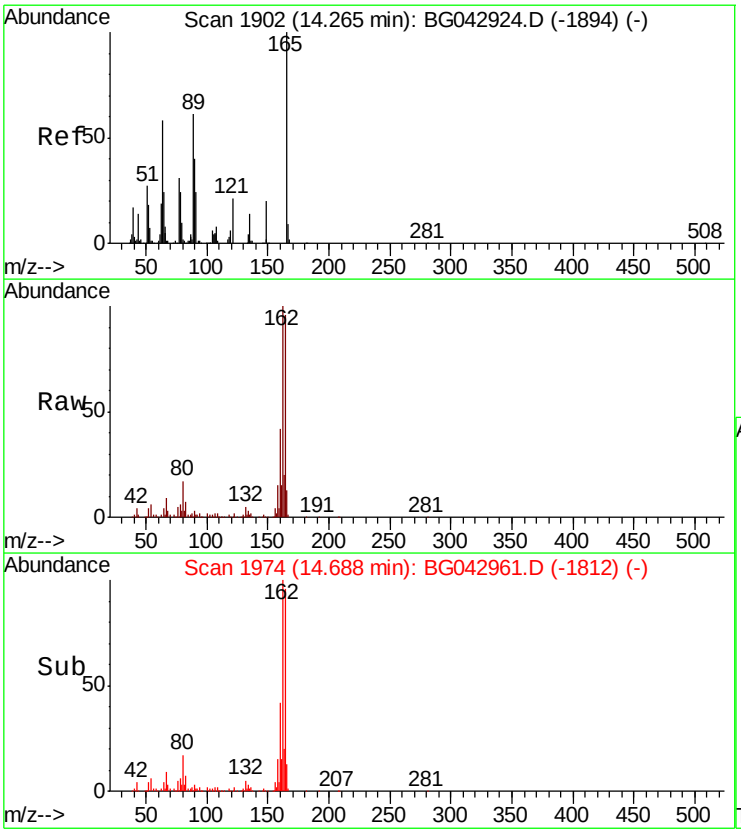
#45
2-Fluorobiphenyl
Concen: 94.261 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1070596

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.6	19.6	29.4

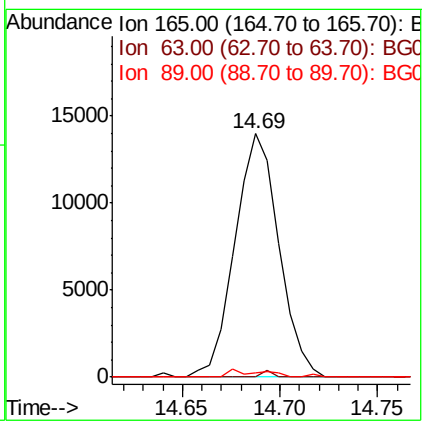


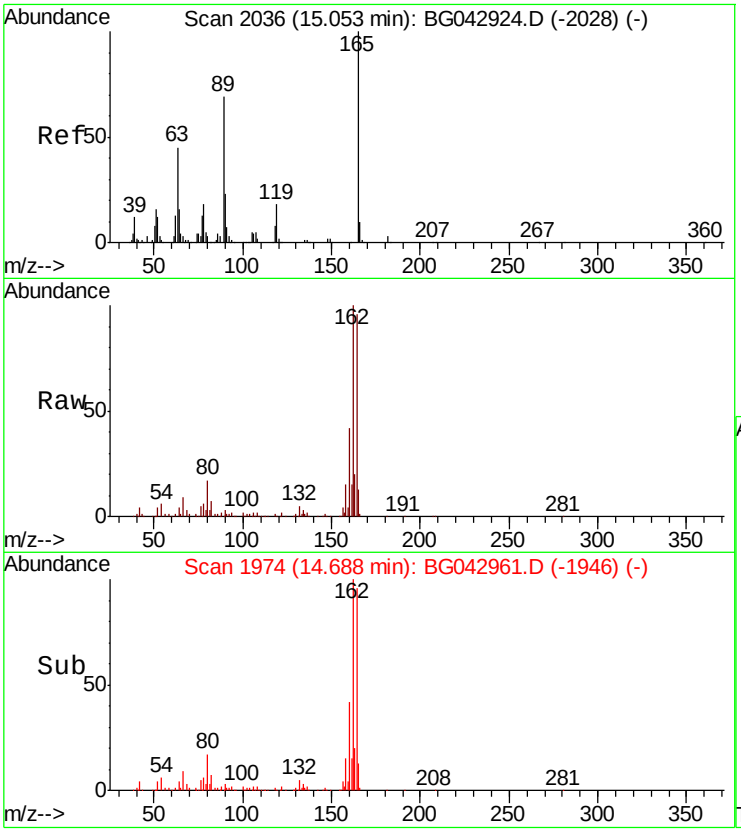


#51
2,6-Dinitrotoluene
Concen: 8.266 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.42 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Tgt Ion:165 Resp: 21717

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.3	75.5#
89	1.6	48.9	73.3#



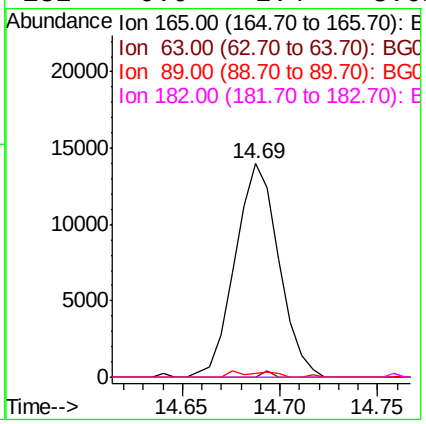


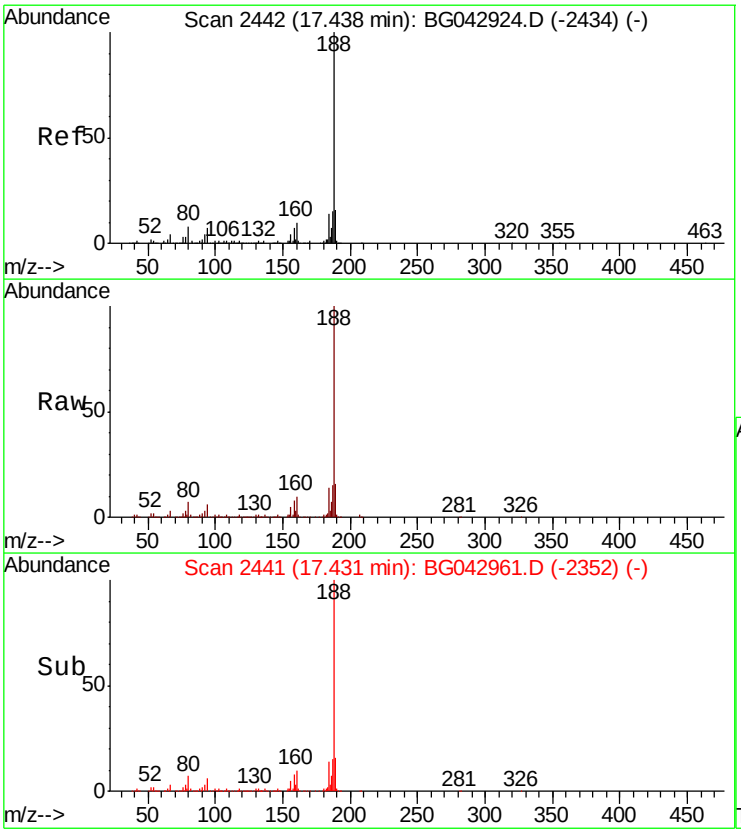
#57
2,4-Dinitrotoluene
Concen: 5.645 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.37 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21717

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.5	54.7#
89	1.6	55.5	83.3#
182	0.0	2.4	3.6#

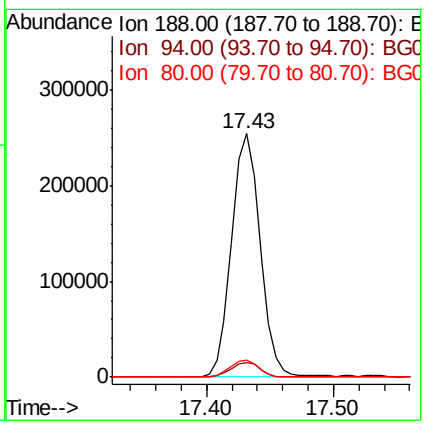


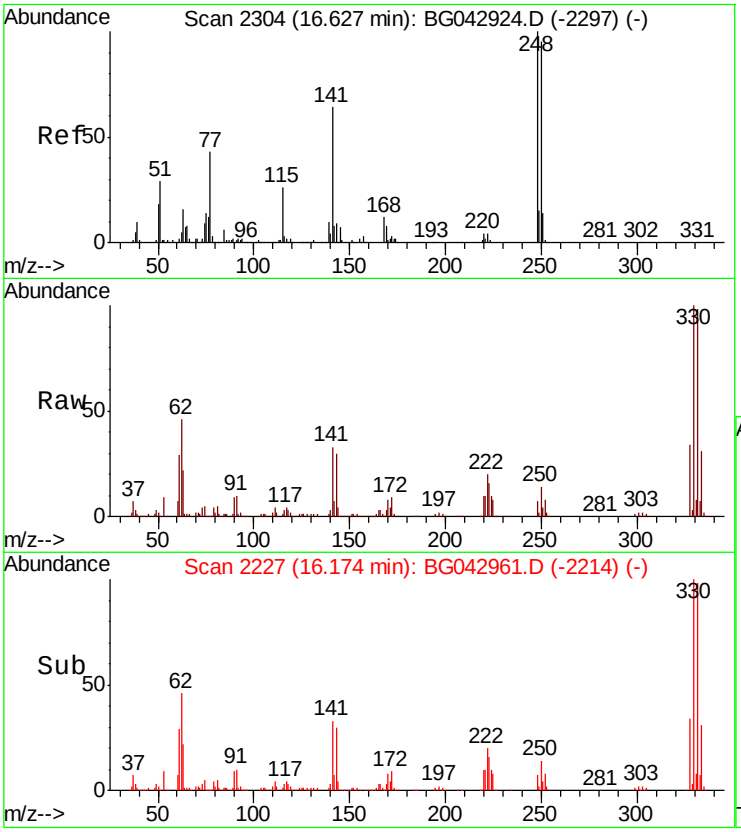


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Tgt Ion:188 Resp: 397370

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.7	8.5
80	6.9	6.5	9.7



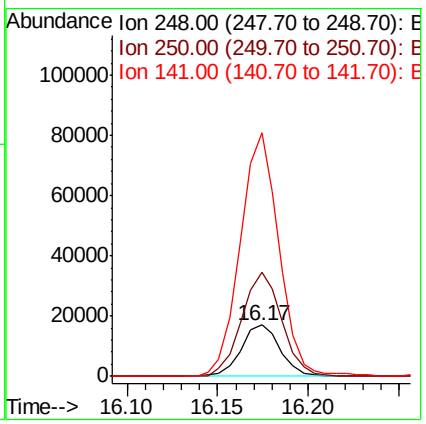


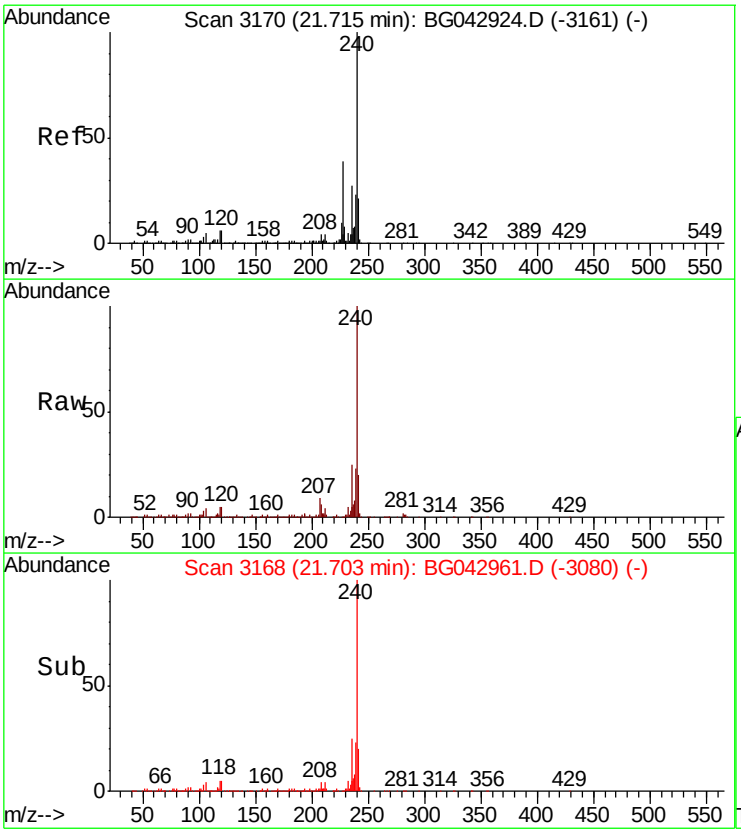
#67
4-Bromophenyl-phenylether
Concen: 5.085 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.45 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 25362

Ion	Ratio	Lower	Upper
248	100		
250	202.3	75.8	113.8#
141	475.0	51.1	76.7#

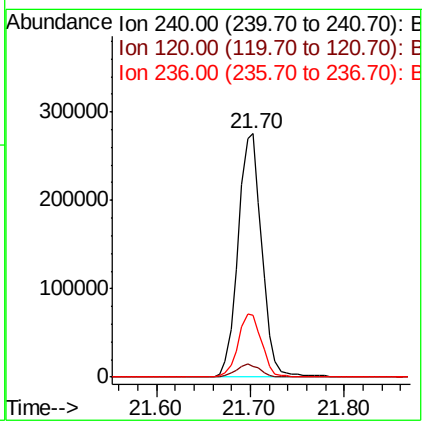


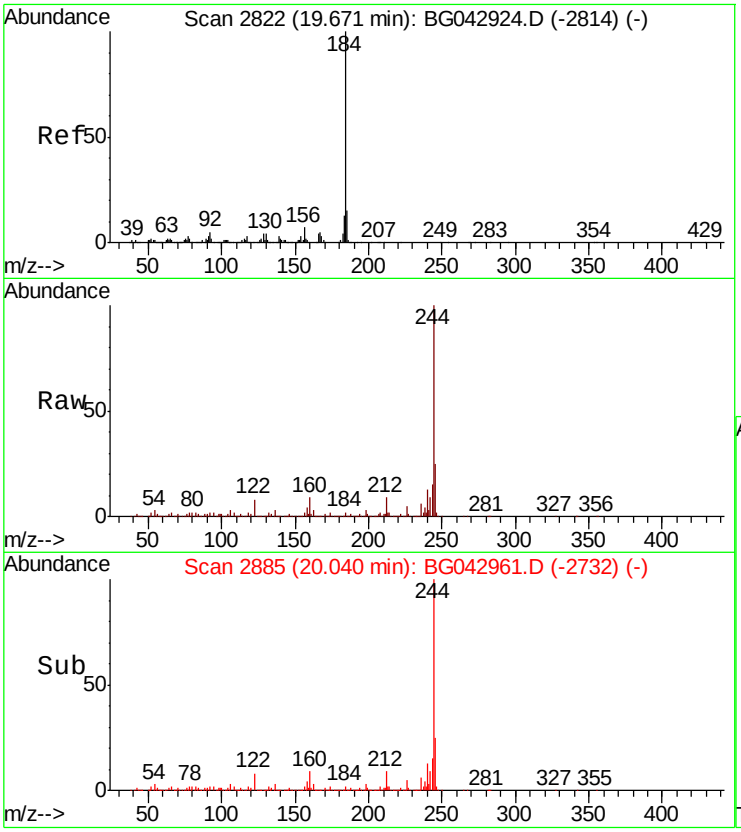


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Tgt Ion:240 Resp: 480195

Ion	Ratio	Lower	Upper
240	100		
120	4.6	4.8	7.2#
236	25.3	21.4	32.0



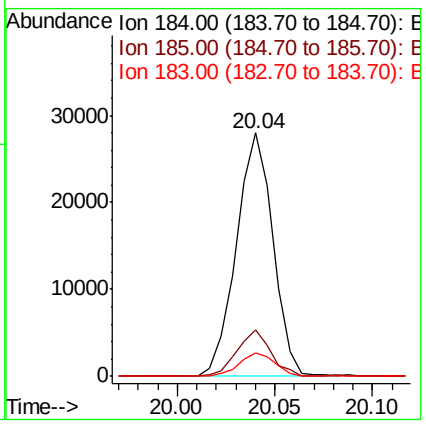


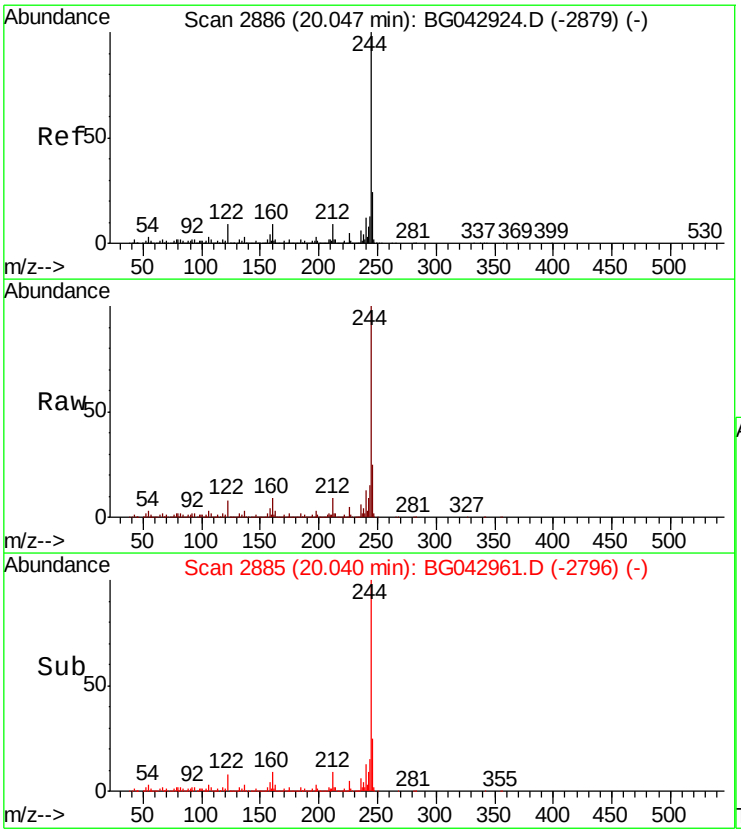
#77
Benzidine
Concen: 3.026 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.37 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 36389

Ion	Ratio	Lower	Upper
184	100		
185	19.3	11.8	17.8#
183	9.5	10.1	15.1#

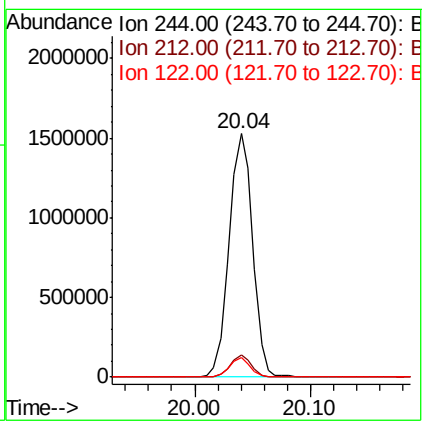


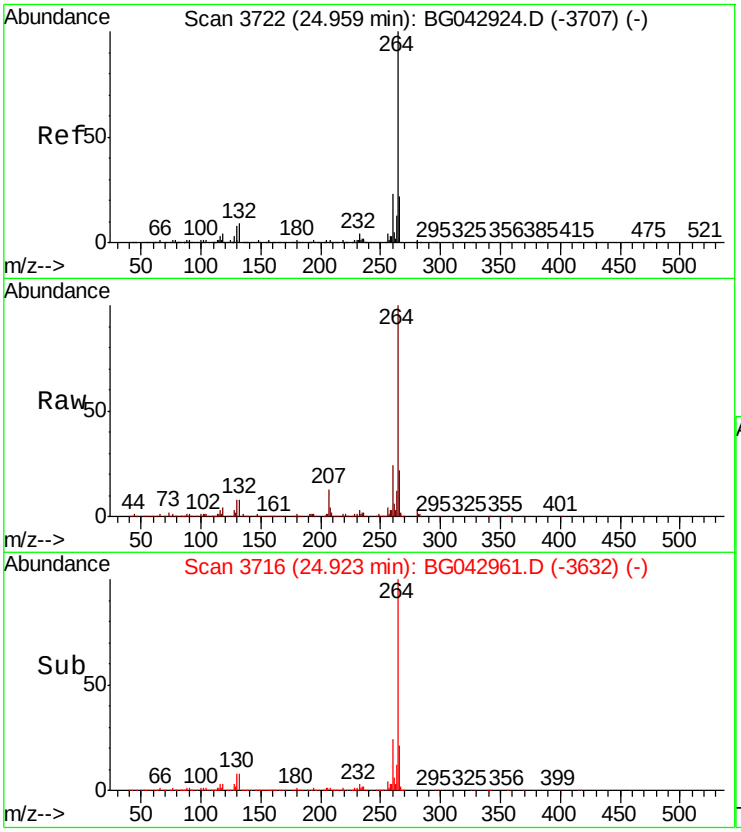


#79
Terphenyl-d14
Concen: 95.682 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Tgt Ion:244 Resp: 2156201

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	8.1	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.04 min
Lab File: BG042961.D
Acq: 1 Oct 2019 3:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 541281

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.7	17.7	26.5