Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042464.D
Acq On : 24 Aug 2019 12:47
Operator : HP/JU
Sample : K4475-26
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 26 05:00:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	71662	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	285188	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	191954	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	398488	20.00	ng		0.00
76) Chrysene-d12	21.69	240	394590	20.00	ng		0.00
87) Perylene-d12	24.93	264	455713	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	463121	130.89	ng		0.00
7) Phenol-d6	7.17	99	570083	119.28	ng		0.00
23) Nitrobenzene-d5	9.17	82	410124	99.38	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	311950	114.34	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1116675	98.39	ng		0.00
79) Terphenyl-d14	20.02	244	1689001	92.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	26557	17.985	ng	#	1
19) n-Nitroso-di-n-propylamine	9.17	70	52634	16.998	ng	#	74
50) Dimethylphthalate	14.12	163	42347	3.058	ng		96
51) 2,6-Dinitrotoluene	14.66	165	24918	7.762	ng	#	37
57) 2,4-Dinitrotoluene	14.66	165	24918	5.420	ng	#	40
67) 4-Bromophenyl-phenylether	16.15	248	22443	4.440	ng	#	1
77) Benzidine	20.02	184	24208	2.140	ng	#	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042464.D
Acq On : 24 Aug 2019 12:47
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Misc :
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ClientSampleId :

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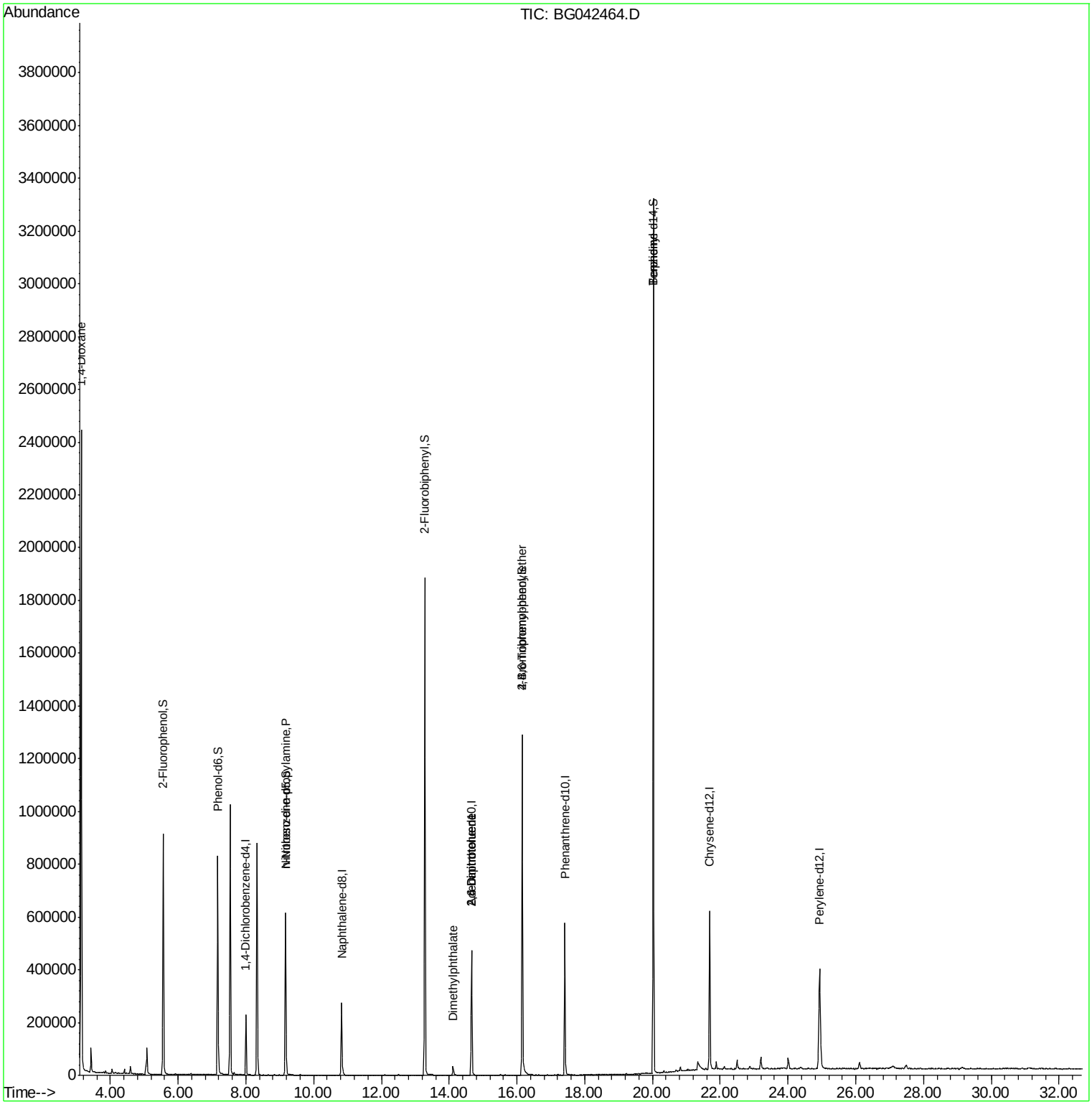
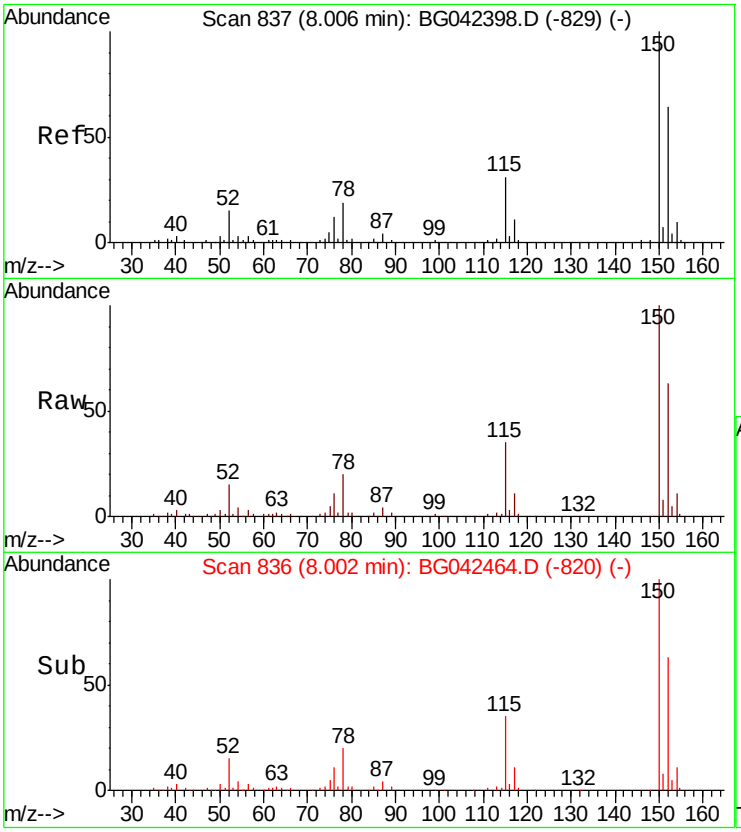
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



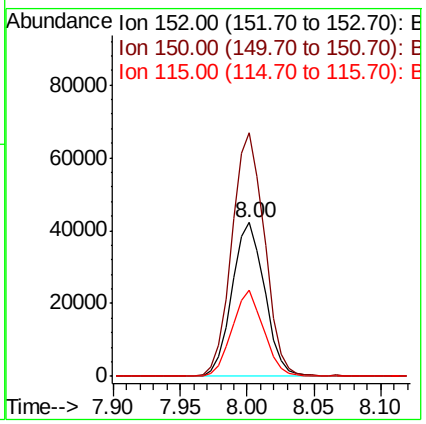


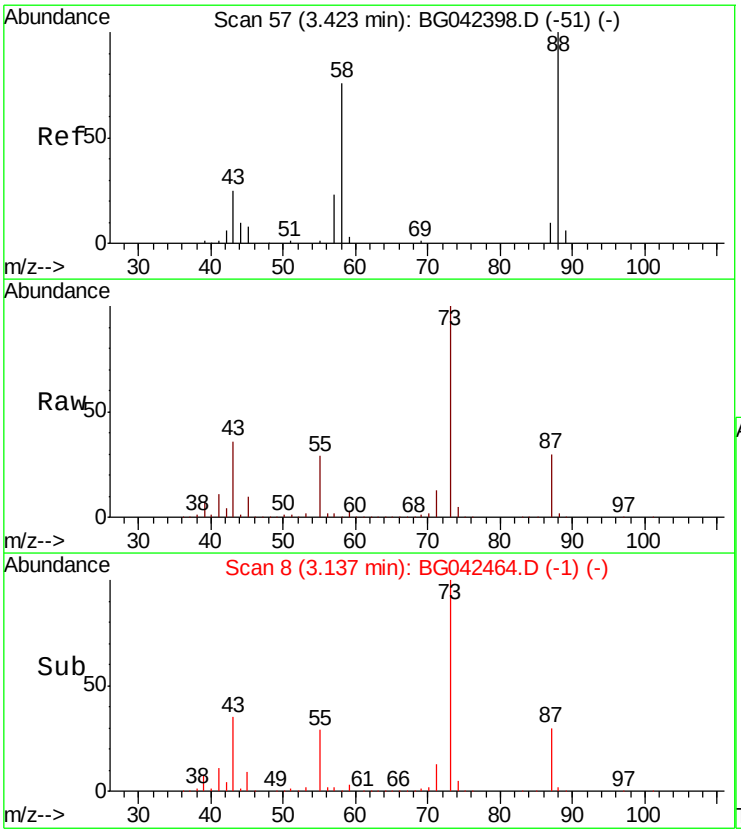
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 71662

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.4	188.0
115	55.7	38.5	57.7

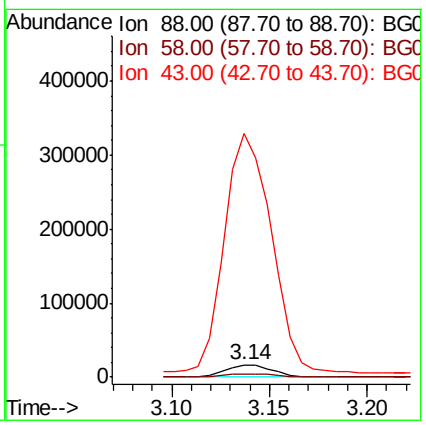


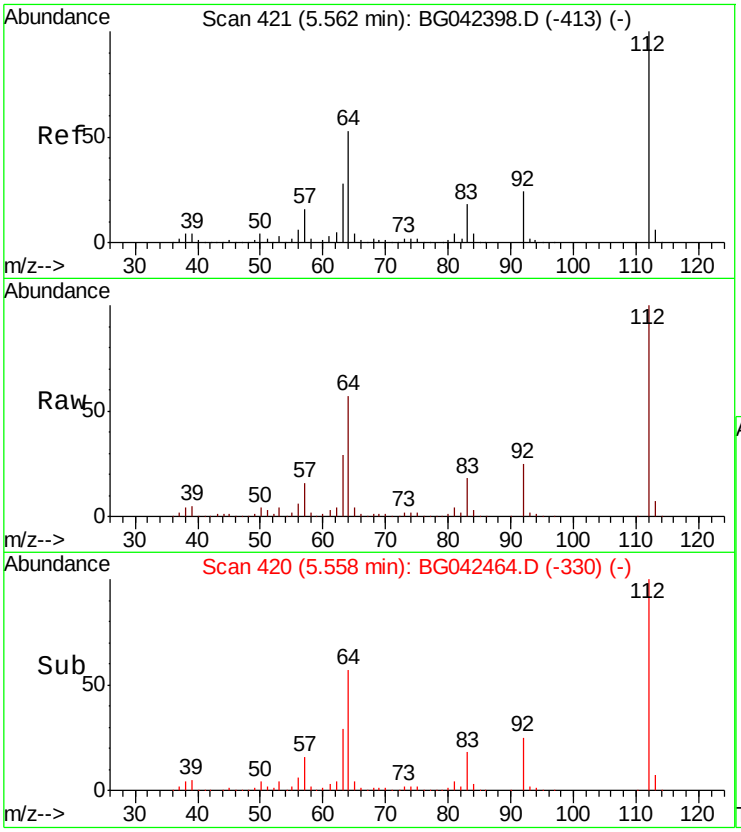


#2
1,4-Dioxane
Concen: 17.985 ng
RT: 3.14 min Scan# 8
Delta R.T. -0.29 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Tgt Ion: 88 Resp: 26557

Ion	Ratio	Lower	Upper
88	100		
58	27.0	58.3	87.5#
43	2095.9	20.2	30.2#



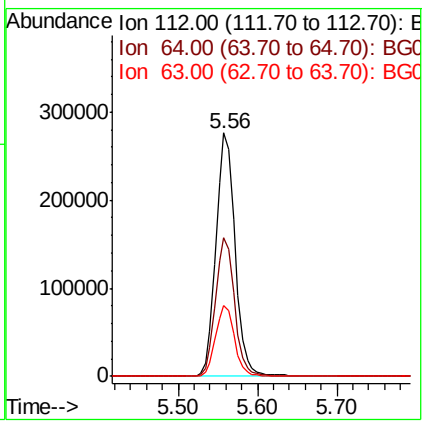


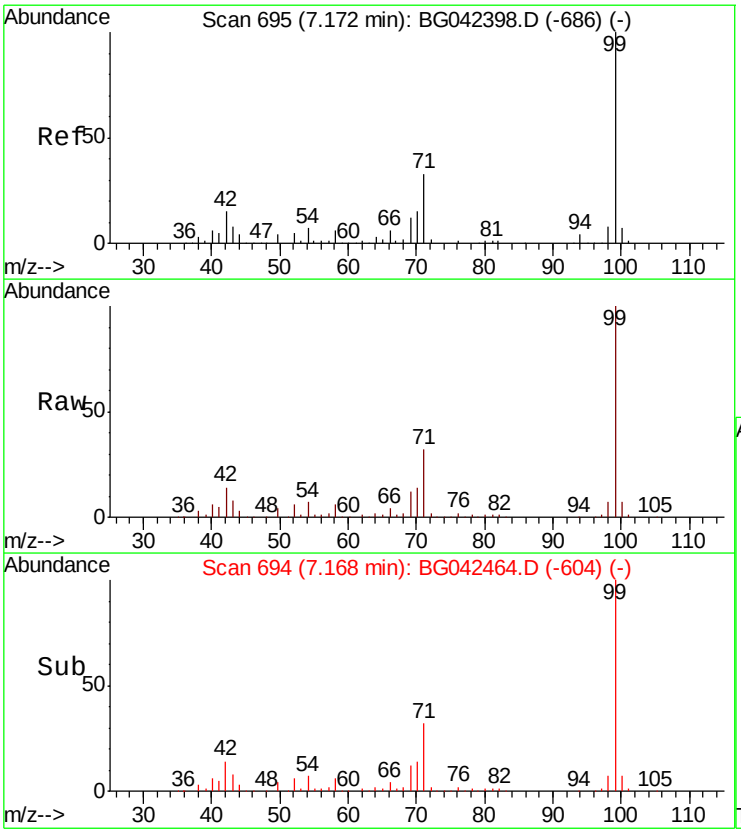
#5
2-Fluorophenol
Concen: 130.886 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 463121

Ion	Ratio	Lower	Upper
112	100		
64	57.1	42.8	64.2
63	28.9	22.7	34.1

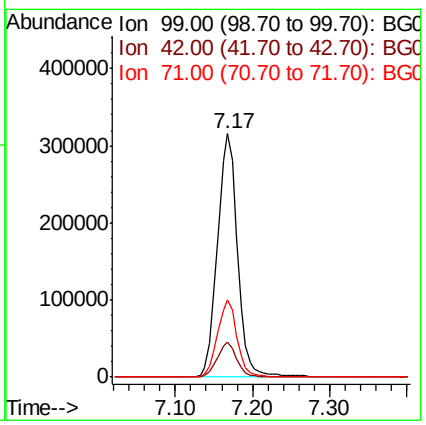


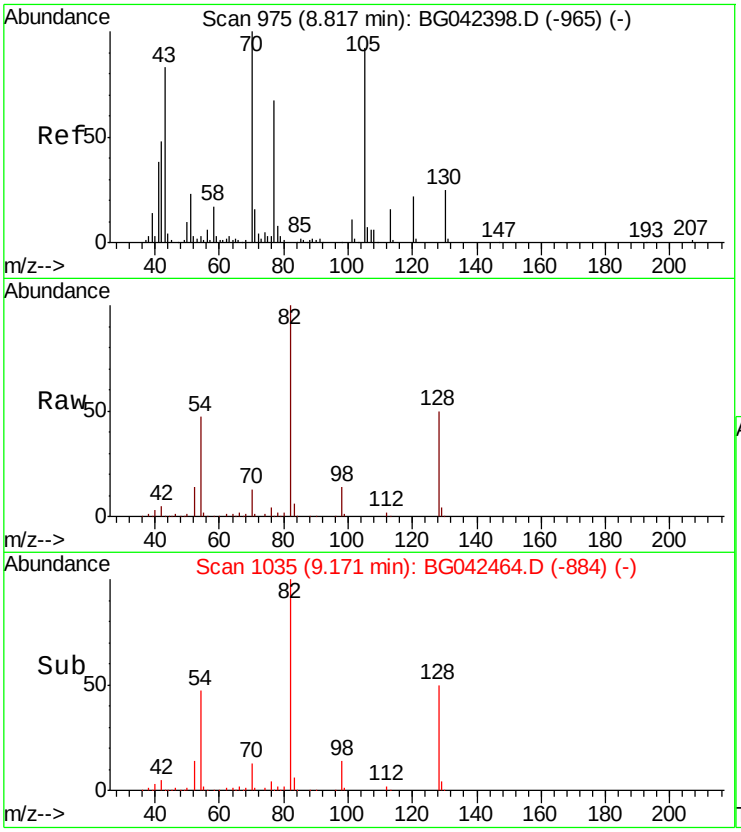


#7
Phenol-d6
Concen: 119.276 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Tgt Ion: 99 Resp: 570083

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.0	18.0
71	31.9	26.3	39.5



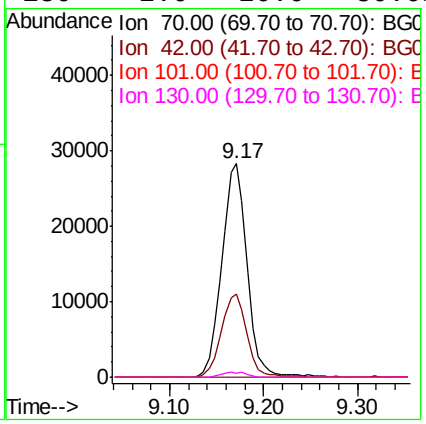


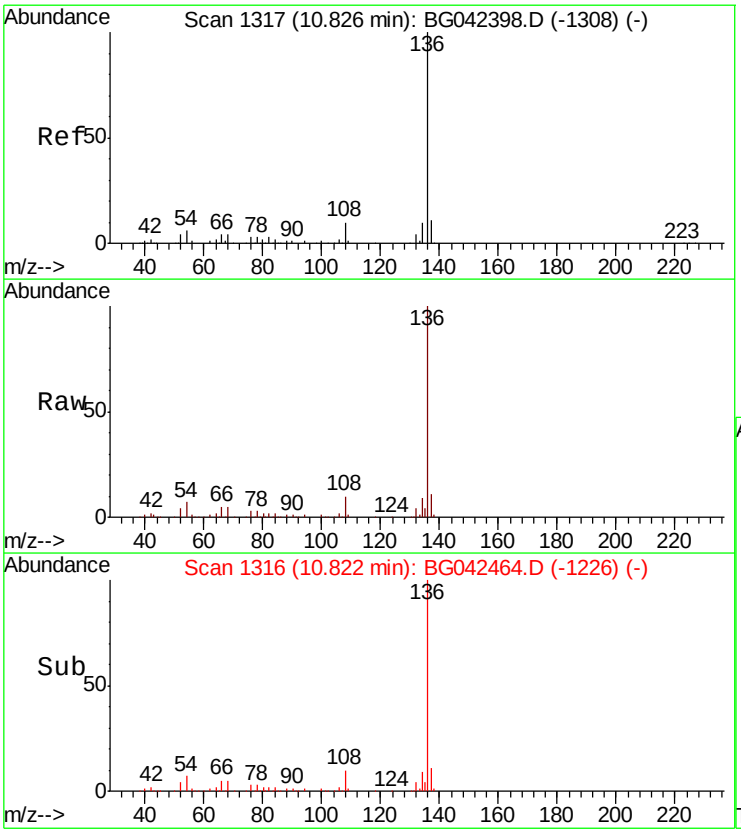
#19
n-Nitroso-di-n-propylamine
Concen: 16.998 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 52634

Ion	Ratio	Lower	Upper
70	100		
42	38.7	38.8	58.2#
101	0.0	9.0	13.6#
130	2.0	20.0	30.0#

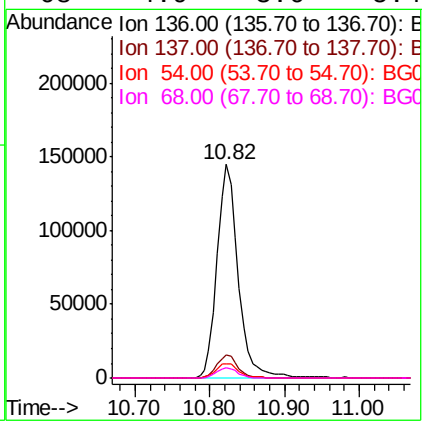


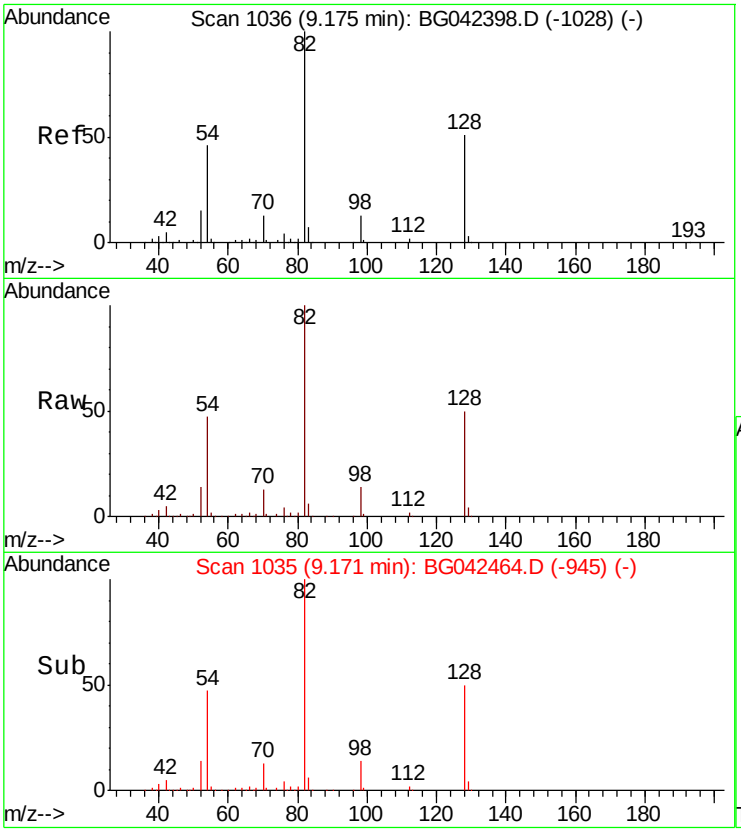


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Tgt Ion:136 Resp: 285188

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	4.9	7.3
68	4.9	3.6	5.4



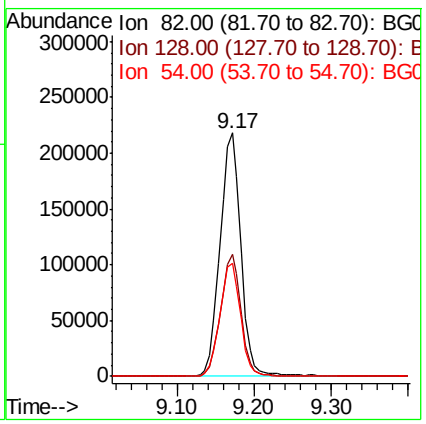


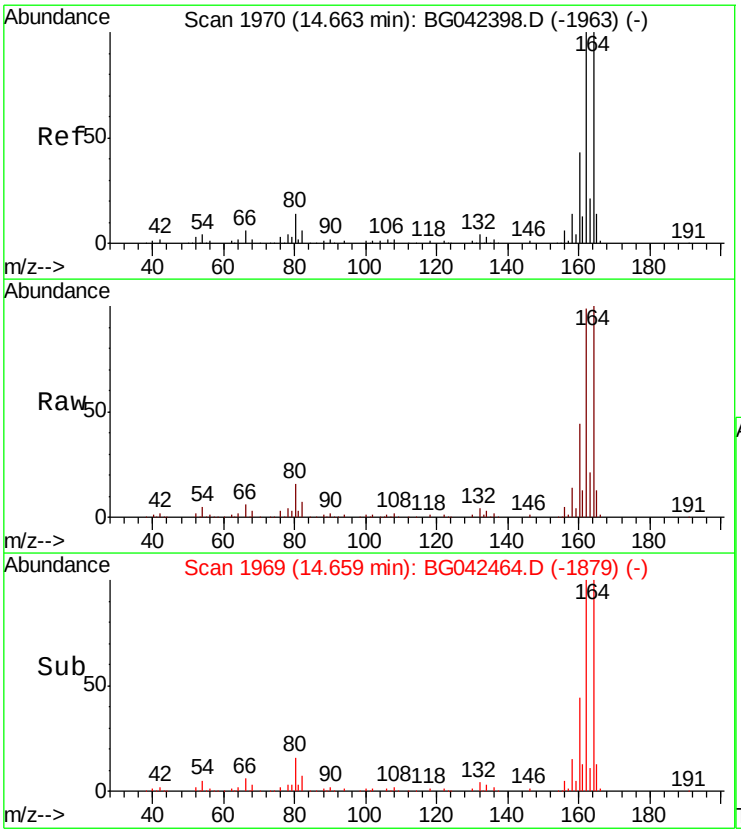
#23
Nitrobenzene-d5
Concen: 99.377 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 410124

Ion	Ratio	Lower	Upper
82	100		
128	50.2	40.7	61.1
54	46.7	36.3	54.5

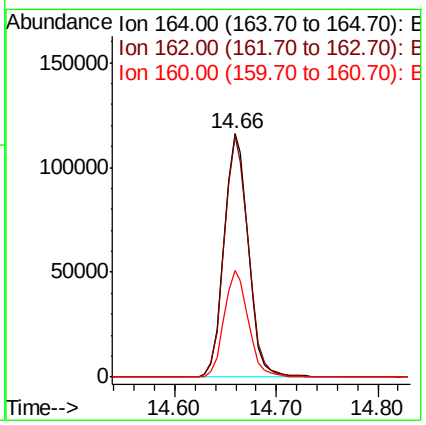


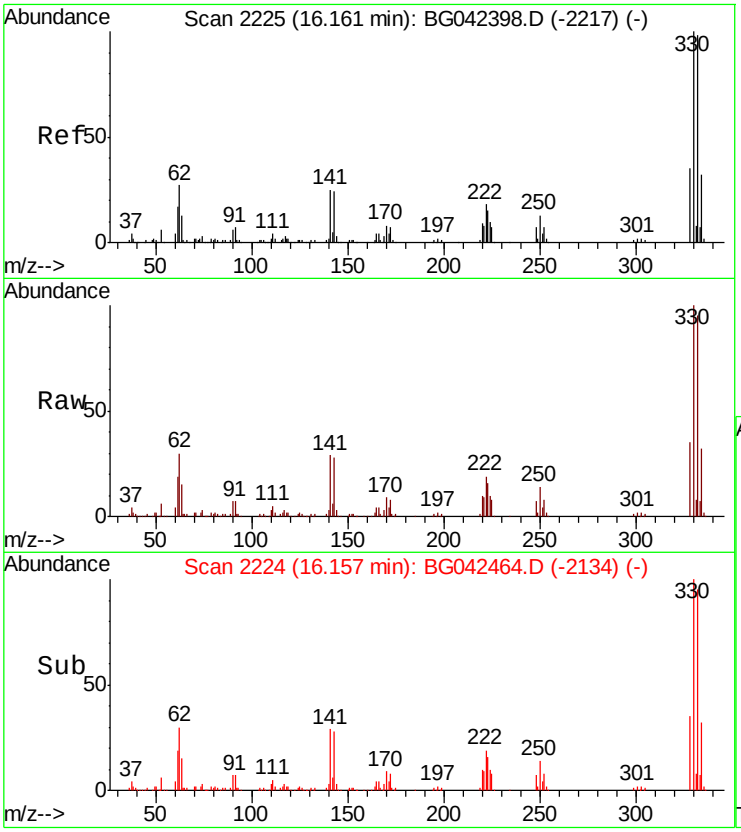


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Tgt Ion:164 Resp: 191954

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.9	119.9
160	43.7	34.3	51.5



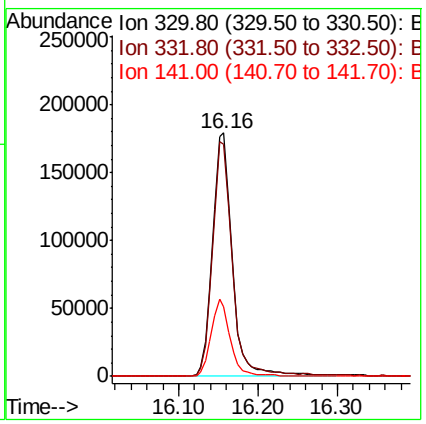


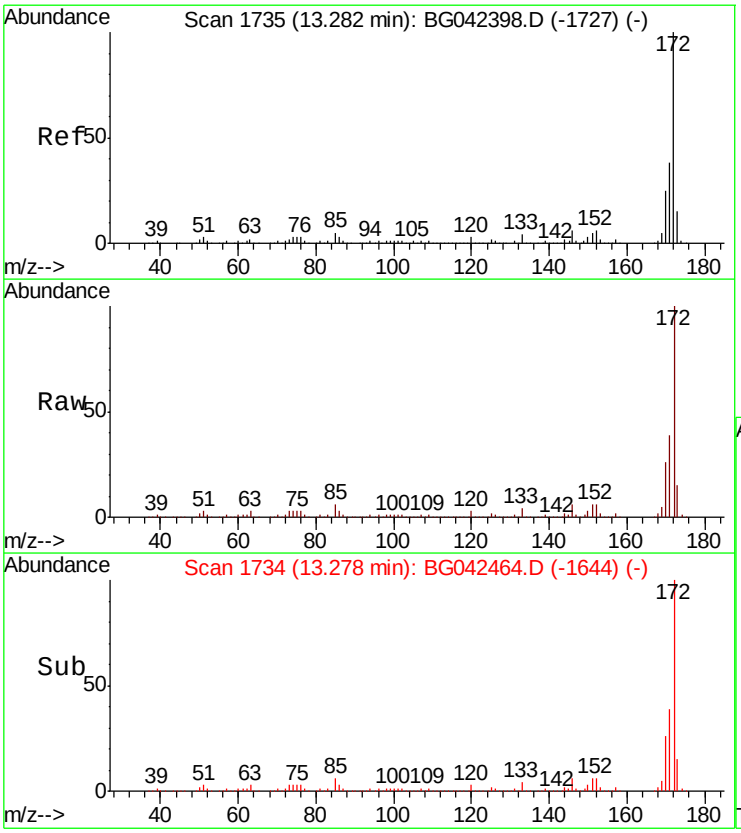
#42
2,4,6-Tribromophenol
Concen: 114.338 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 311950

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.0
141	31.1	21.4	32.0

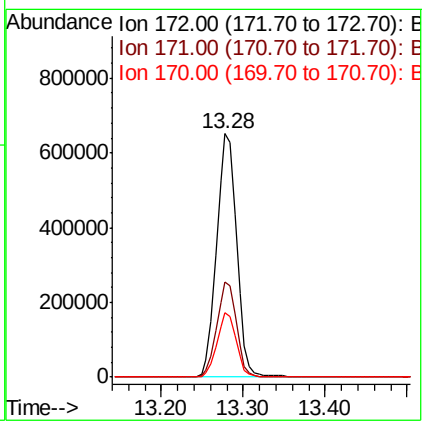


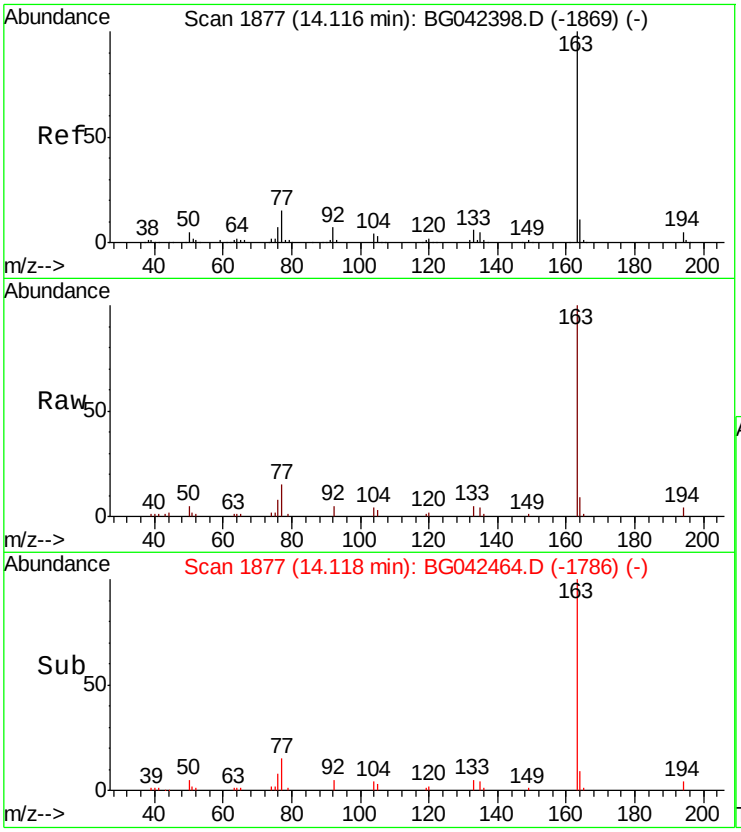


#45
2-Fluorobiphenyl
Concen: 98.389 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Tgt Ion:172 Resp: 1116675

Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.5	45.7
170	26.4	20.2	30.2



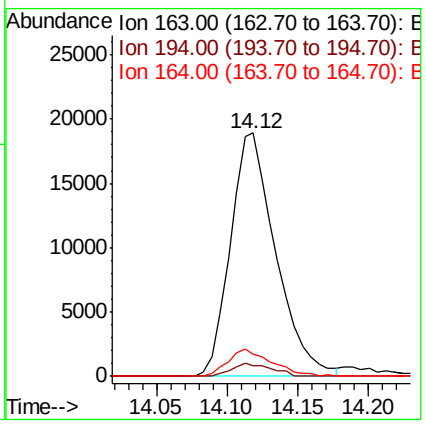


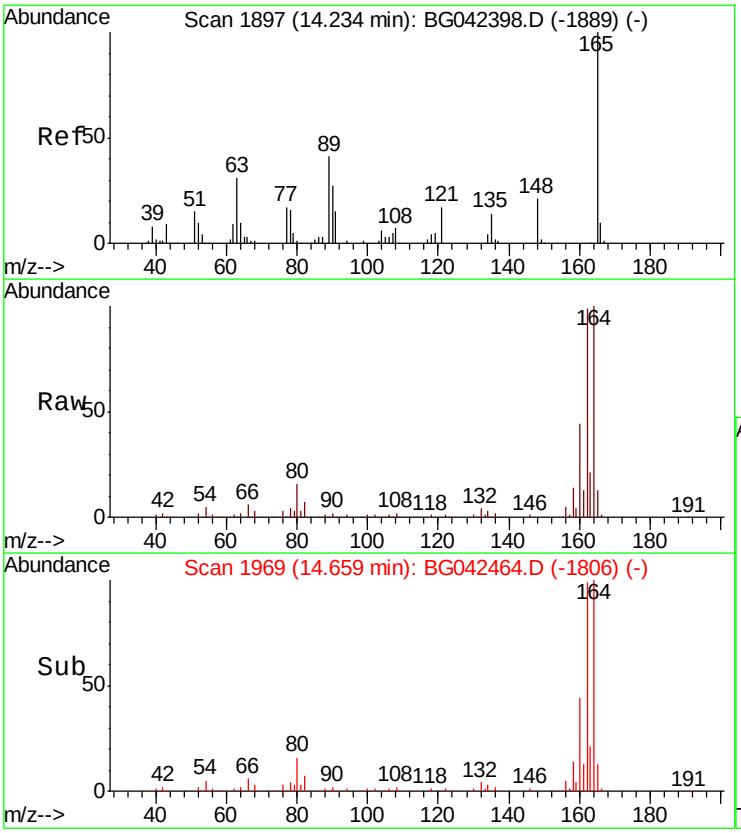
#50
Dimethylphthalate
Concen: 3.058 ng
RT: 14.12 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 42347

Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.2	6.2
164	9.2	8.8	13.2

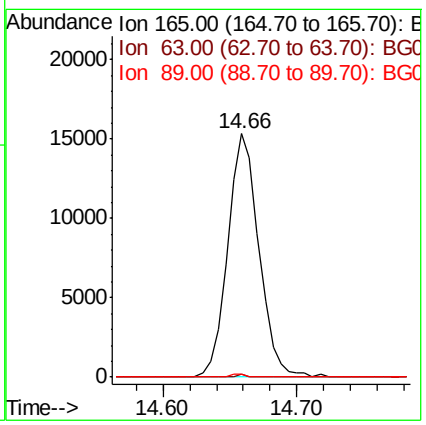


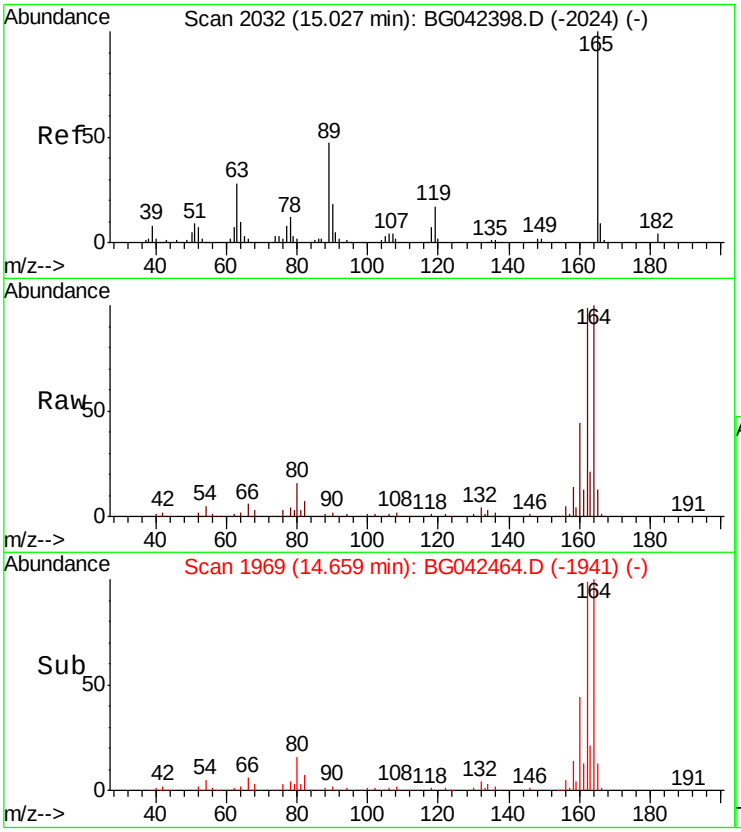


#51
2,6-Dinitrotoluene
Concen: 7.762 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.42 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Tgt Ion:165 Resp: 24918

Ion	Ratio	Lower	Upper
165	100		
63	1.0	30.6	45.8#
89	1.1	32.6	49.0#



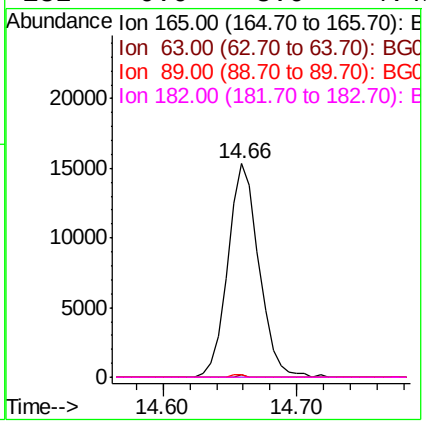


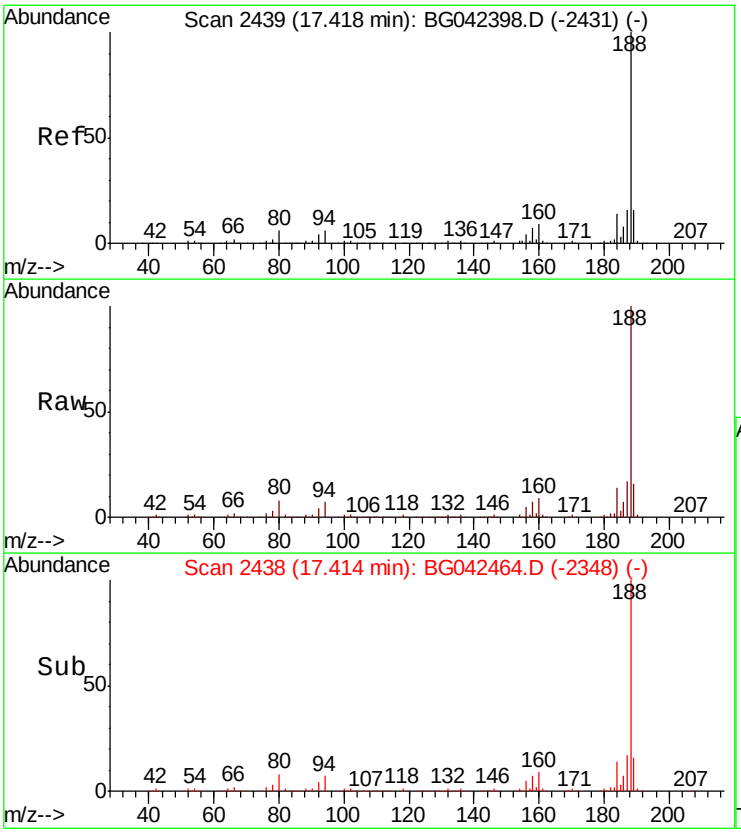
#57
2,4-Dinitrotoluene
Concen: 5.420 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24918

Ion	Ratio	Lower	Upper
165	100		
63	1.0	22.5	33.7#
89	1.1	37.8	56.6#
182	0.0	3.0	4.4#

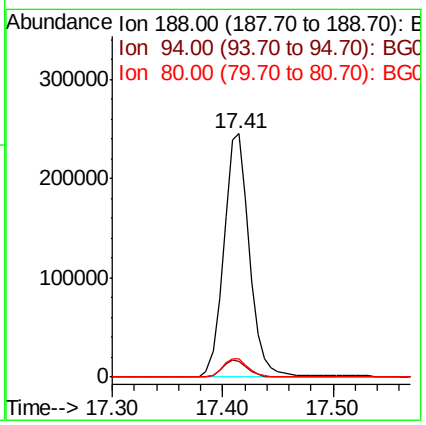


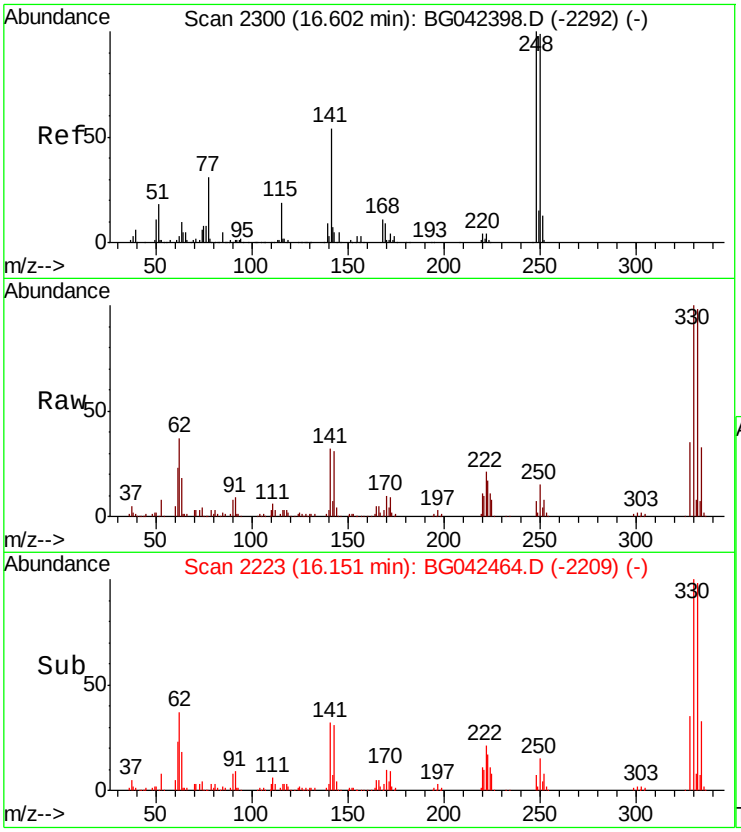


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Tgt Ion:188 Resp: 398488

Ion	Ratio	Lower	Upper
188	100		
94	6.7	4.5	6.7
80	7.7	4.9	7.3#



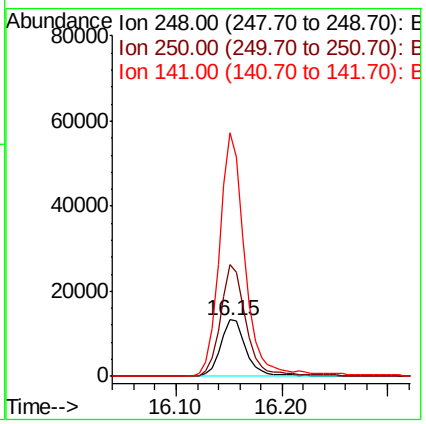


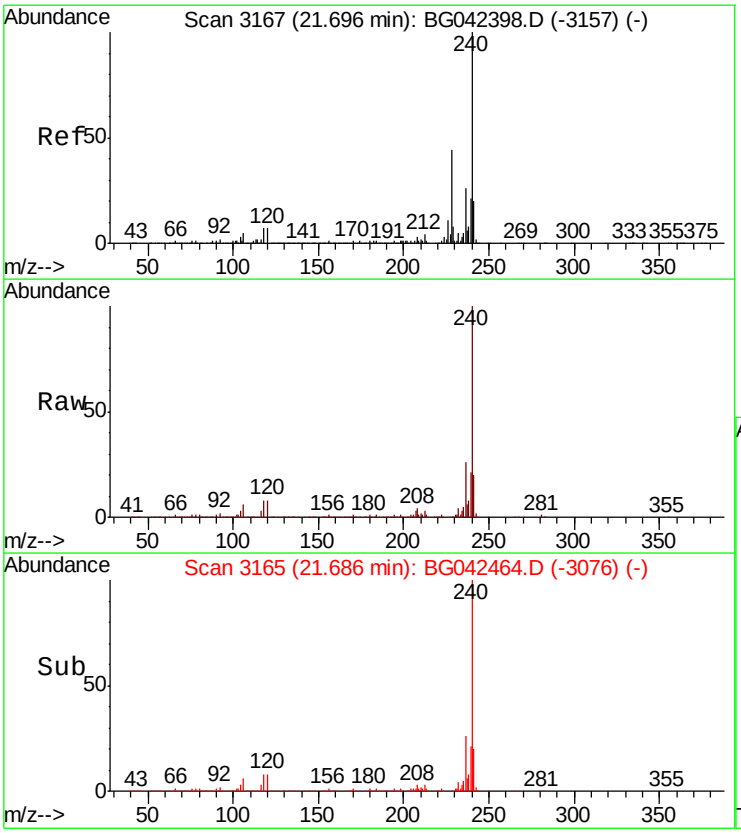
#67
4-Bromophenyl-phenylether
Concen: 4.440 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 22443

Ion	Ratio	Lower	Upper
248	100		
250	198.9	78.9	118.3#
141	432.2	43.3	64.9#

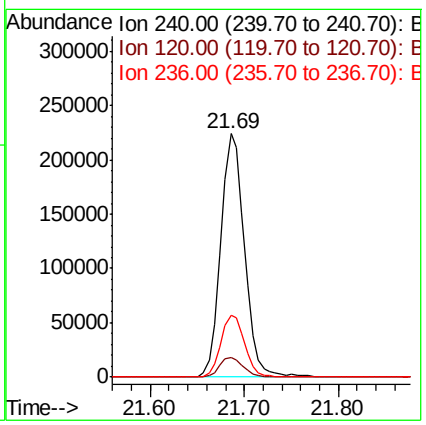


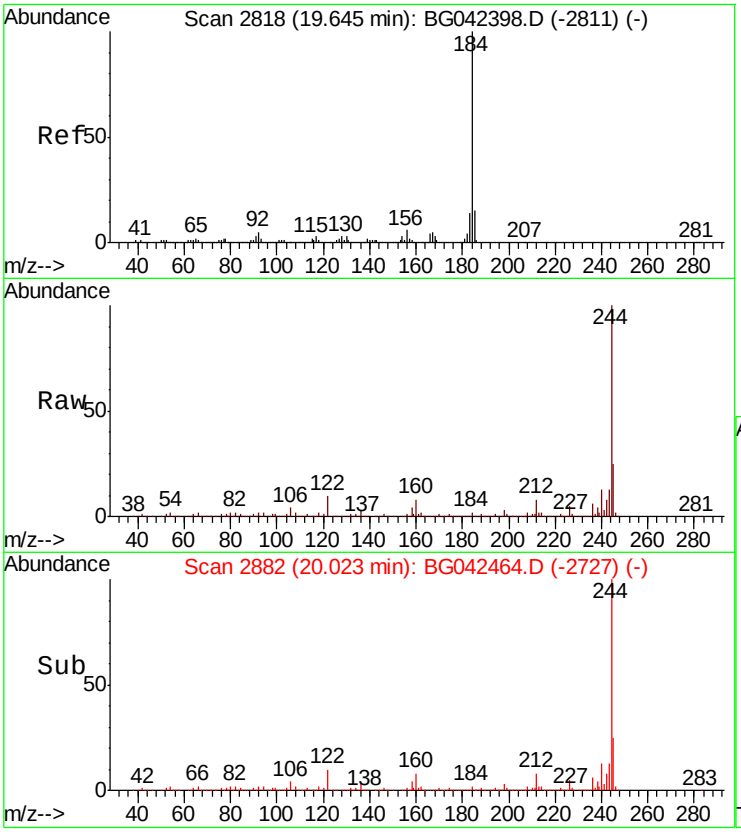


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Tgt Ion:240 Resp: 394590

Ion	Ratio	Lower	Upper
240	100		
120	8.2	5.7	8.5
236	25.5	21.0	31.4



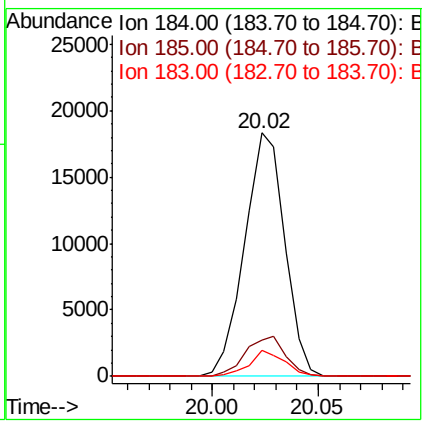


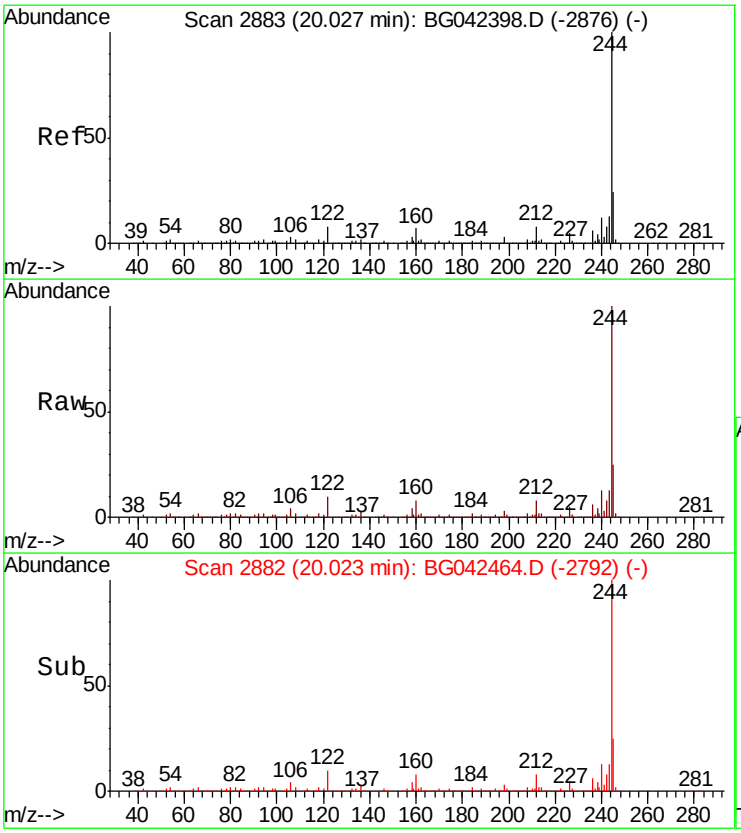
#77
Benzidine
Concen: 2.140 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.38 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 24208

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.4
183	10.5	10.8	16.2#

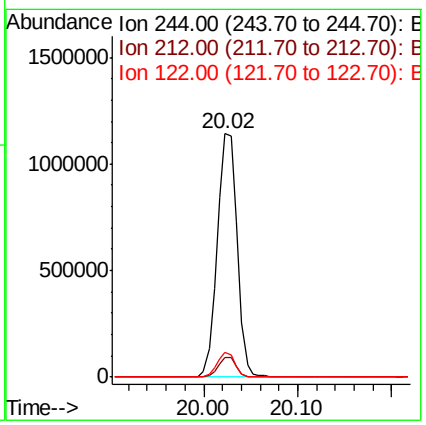


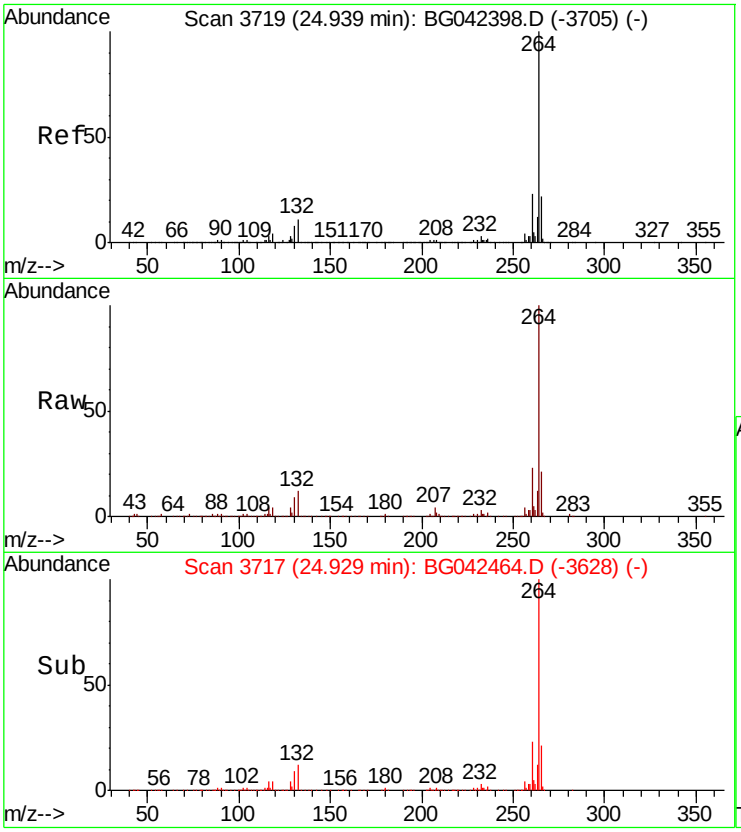


#79
Terphenyl-d14
Concen: 92.539 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Tgt Ion:244 Resp: 1689001

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.0	9.0
122	10.3	6.7	10.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042464.D
Acq: 24 Aug 2019 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 455713

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.3	17.6	26.4