Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043582.D
Acq On : 8 Nov 2019 23:11
Operator : JU
Sample : K5742-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-30-(6-8)

Quant Time: Nov 11 00:35:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30046	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	113301	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	82849	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	191502	20.00	ng		-0.01
76) Chrysene-d12	21.64	240	195271	20.00	ng		-0.01
87) Perylene-d12	24.83	264	221661	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	225706	137.65	ng		0.00
7) Phenol-d6	7.20	99	320873	136.02	ng		0.00
23) Nitrobenzene-d5	9.16	82	194492	88.50	ng		-0.01
42) 2,4,6-Tribromophenol	16.13	330	185128	117.42	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	474179	79.09	ng		-0.01
79) Terphenyl-d14	19.99	244	860656	82.69	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.23	94	12627	5.857	ng		95
15) Benzyl Alcohol	8.32	79	4007	2.419	ng	#	49
19) n-Nitroso-di-n-propylamine	9.17	70	26497	17.382	ng	#	81
50) Dimethylphthalate	14.09	163	53390	8.320	ng	#	94
57) 2,4-Dinitrotoluene	14.64	165	10955	5.498	ng	#	25
67) 4-Bromophenyl-phenylether	16.13	248	11541	4.478	ng	#	1
77) Benzidine	19.99	184	12979	3.303	ng		97

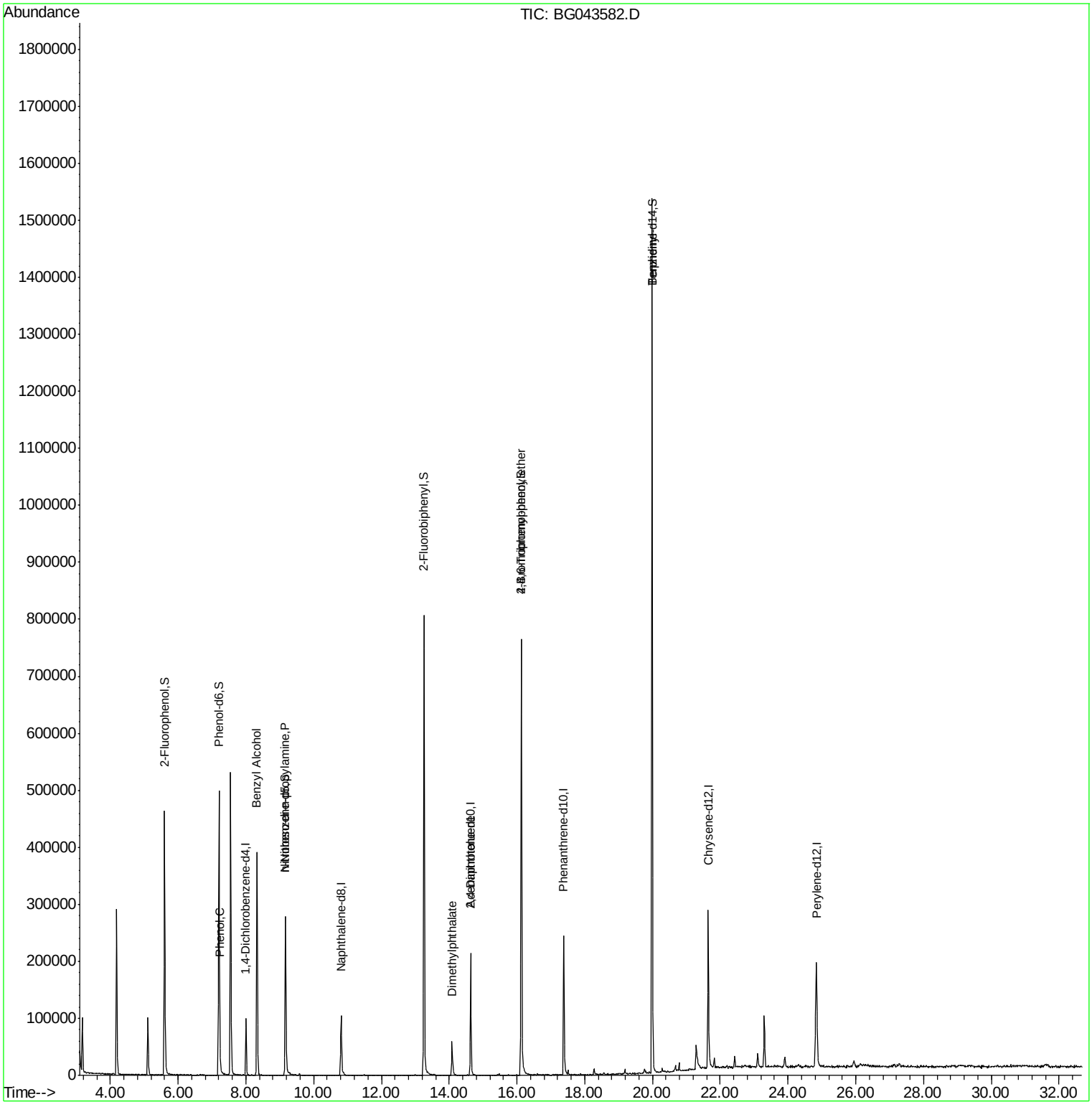
(#) = qualifier out of range (m) = manual integration (+) = signals summed

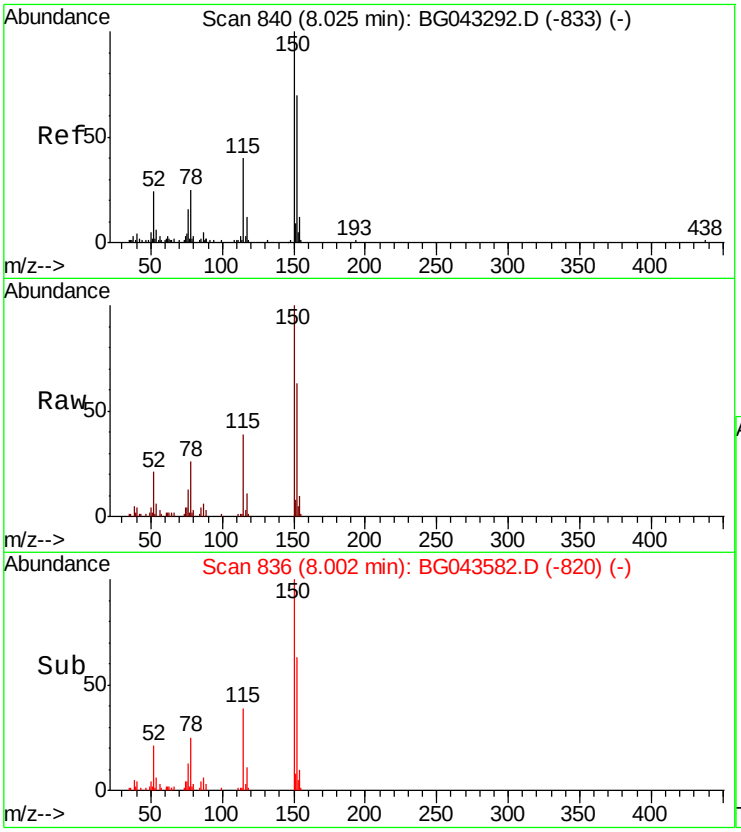
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043582.D
Acq On : 8 Nov 2019 23:11
Operator : JU
Sample : K5742-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Quant Time: Nov 11 00:35:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration



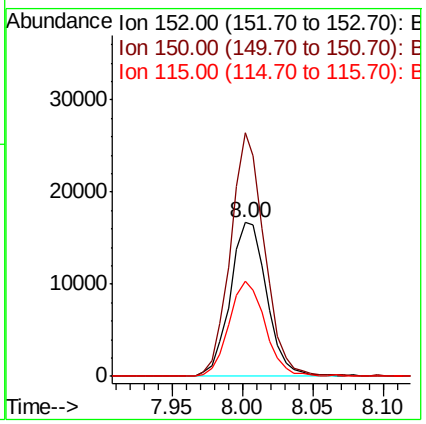


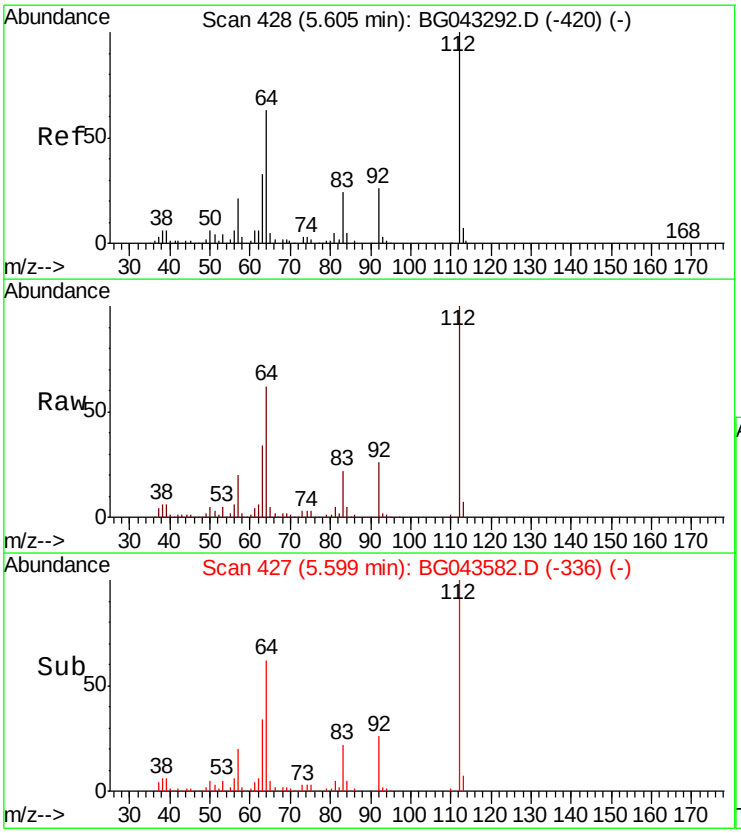
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tgt Ion:152 Resp: 30046

Ion	Ratio	Lower	Upper
152	100		
150	158.2	129.4	194.0
115	61.4	48.8	73.2

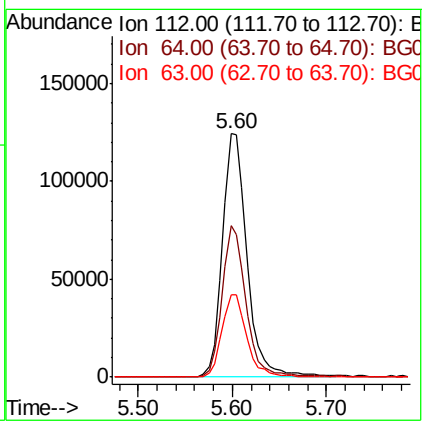


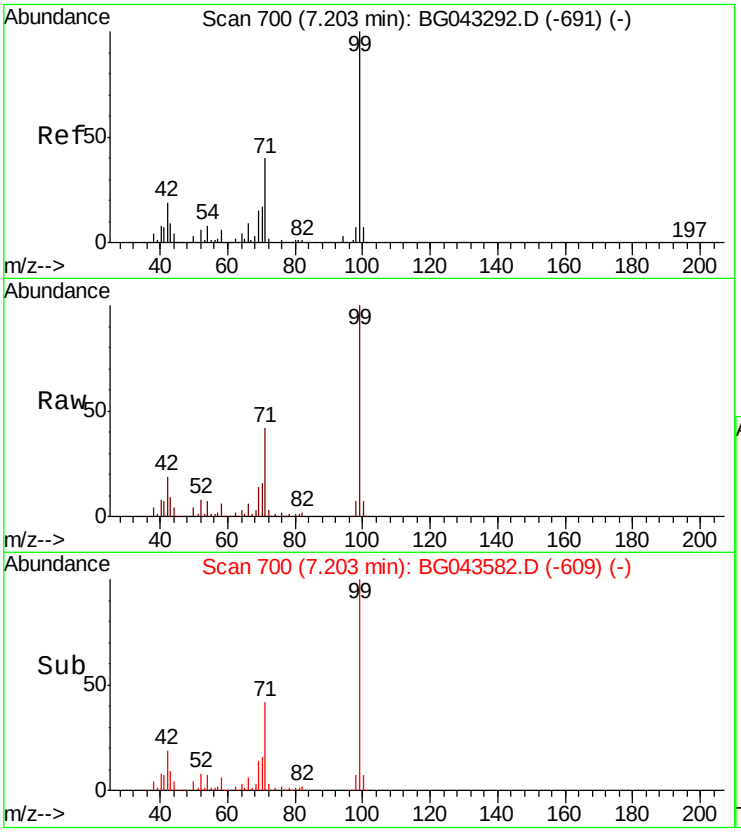


#5
2-Fluorophenol
Concen: 137.654 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Tgt Ion:112 Resp: 225706

Ion	Ratio	Lower	Upper
112	100		
64	62.0	50.0	75.0
63	33.9	26.6	40.0



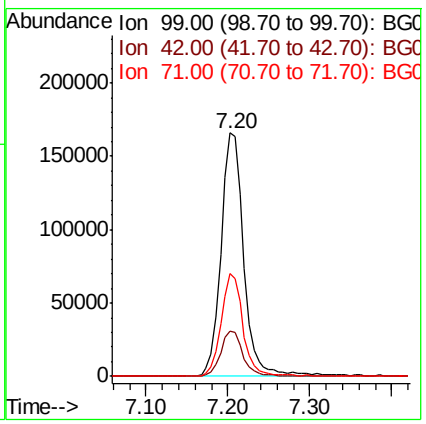


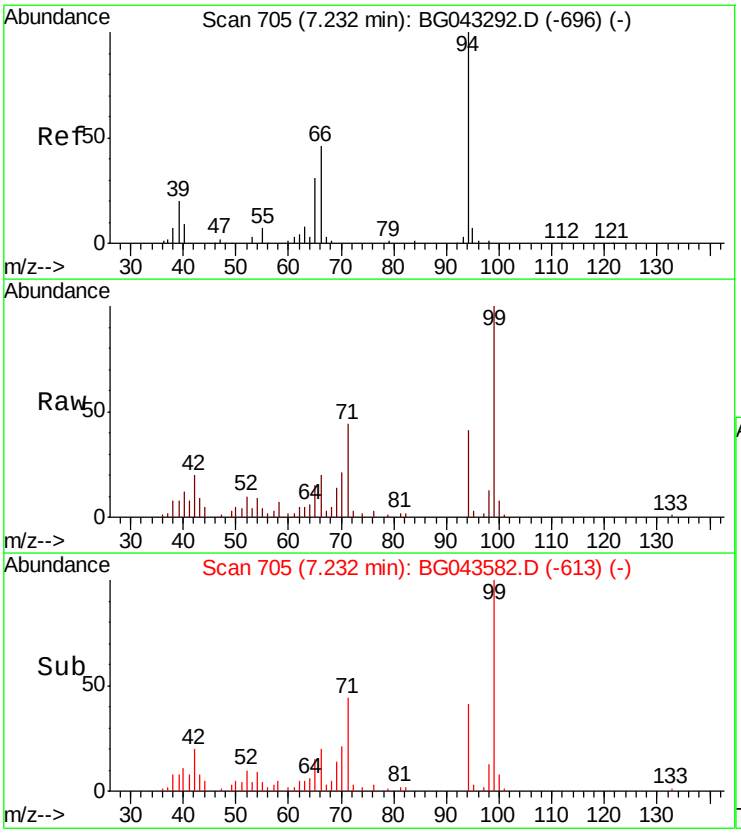
#7
Phenol-d6
Concen: 136.015 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tgt Ion: 99 Resp: 320873

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.6	21.8
71	42.5	32.5	48.7

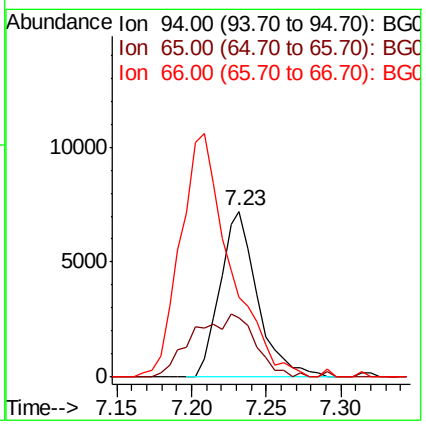


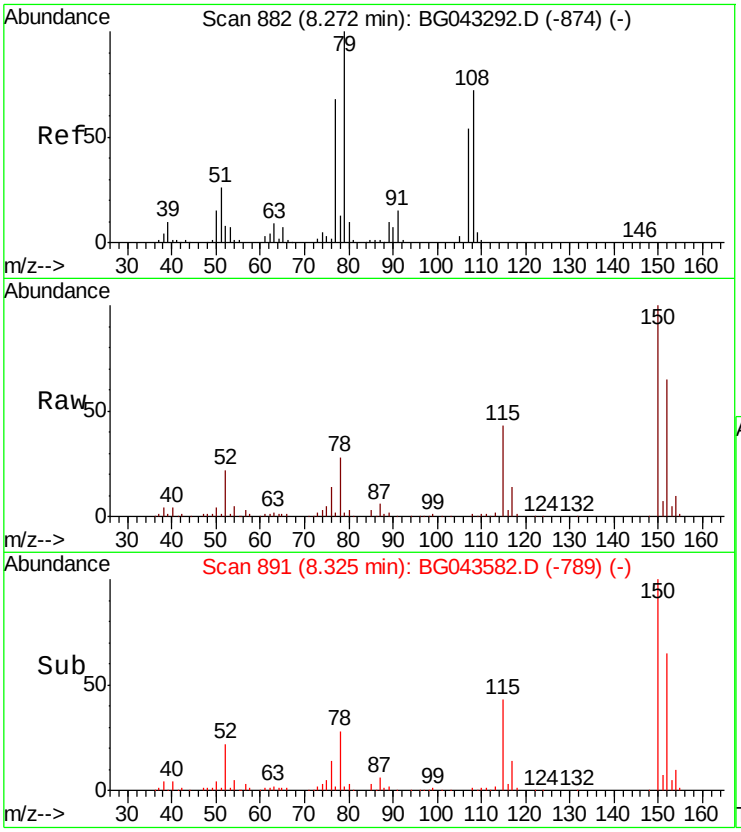


#10
Phenol
Concen: 5.857 ng
RT: 7.23 min Scan# 705
Delta R.T. 0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Tgt Ion: 94 Resp: 12627

Ion	Ratio	Lower	Upper
94	100		
65	36.1	12.6	52.6
66	48.3	30.7	70.7



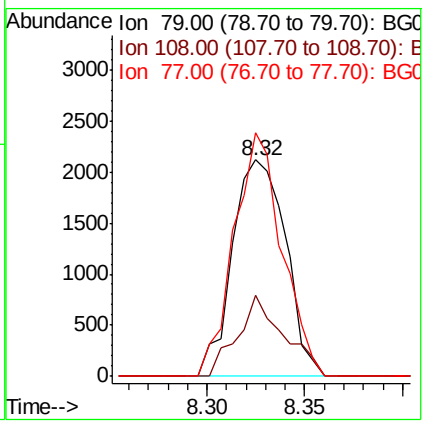


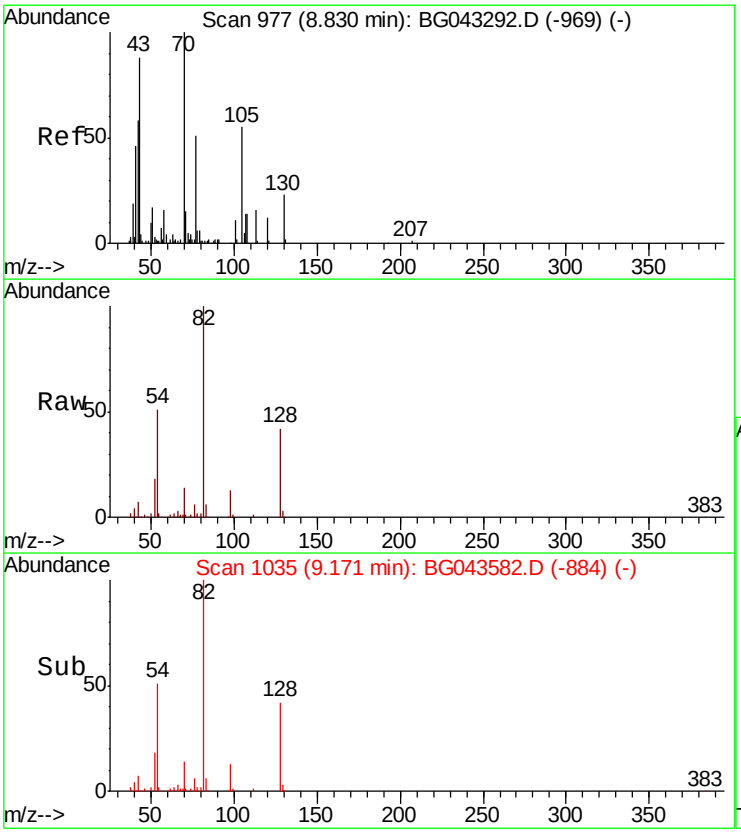
#15
Benzyl Alcohol
Concen: 2.419 ng
RT: 8.32 min Scan# 891
Delta R.T. 0.07 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tgt Ion: 79 Resp: 4007

Ion	Ratio	Lower	Upper
79	100		
108	37.2	53.6	80.4#
77	112.4	49.6	74.4#

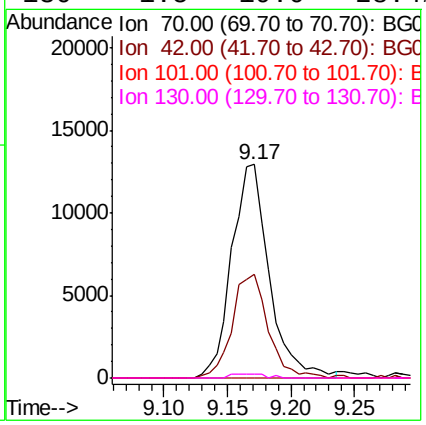


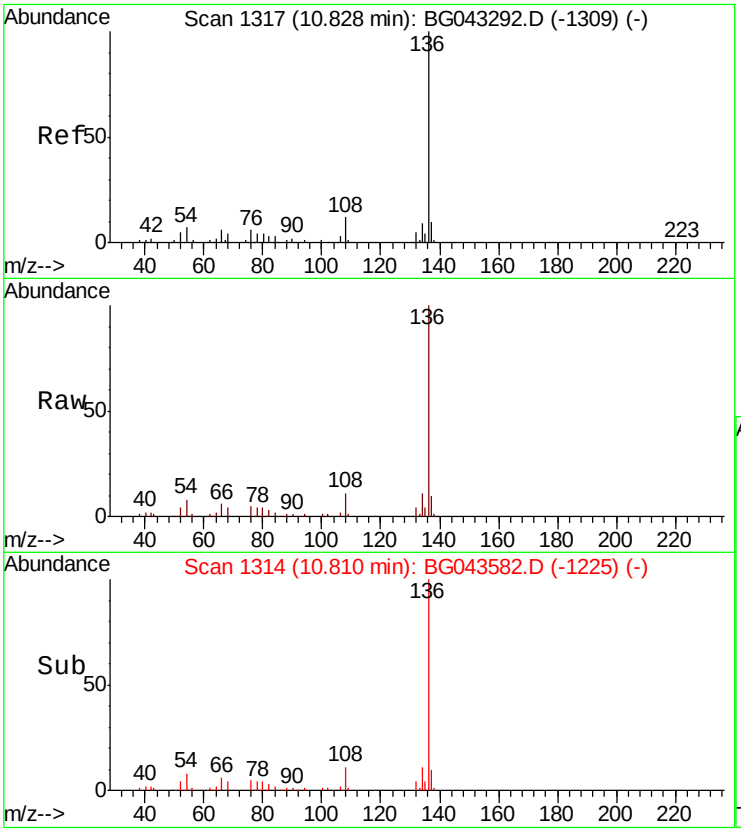


#19
n-Nitroso-di-n-propylamine
Concen: 17.382 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.36 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Tgt Ion: 70 Resp: 26497

Ion	Ratio	Lower	Upper
70	100		
42	48.4	41.4	62.2
101	0.0	7.9	11.9#
130	1.5	19.0	28.4#



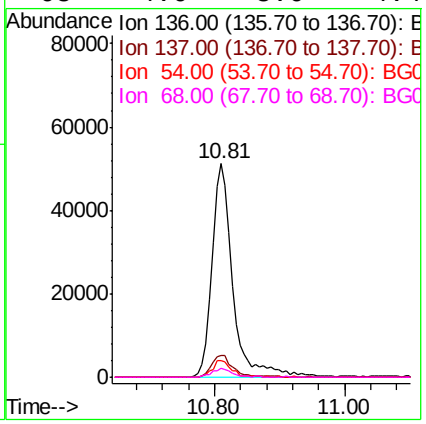


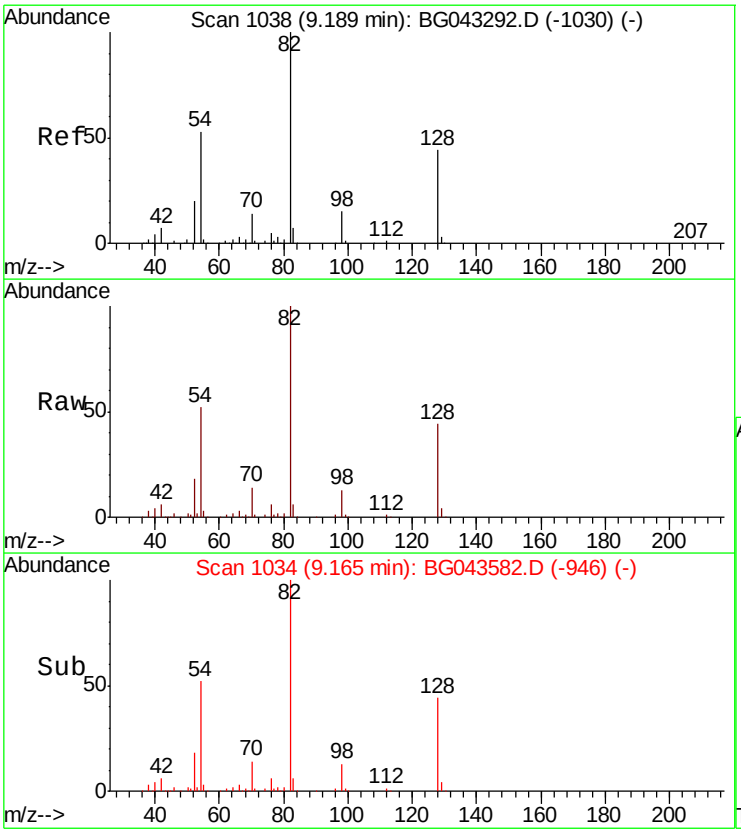
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tgt Ion:136 Resp: 113301

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	7.8	5.4	8.2
68	4.0	3.0	4.4

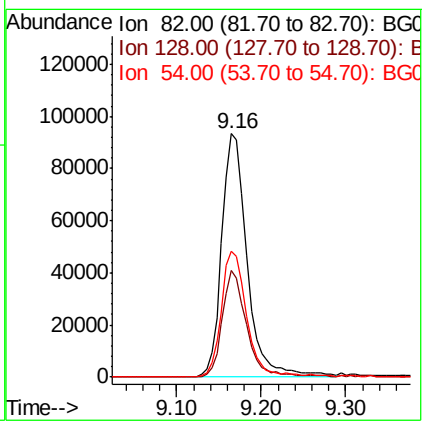


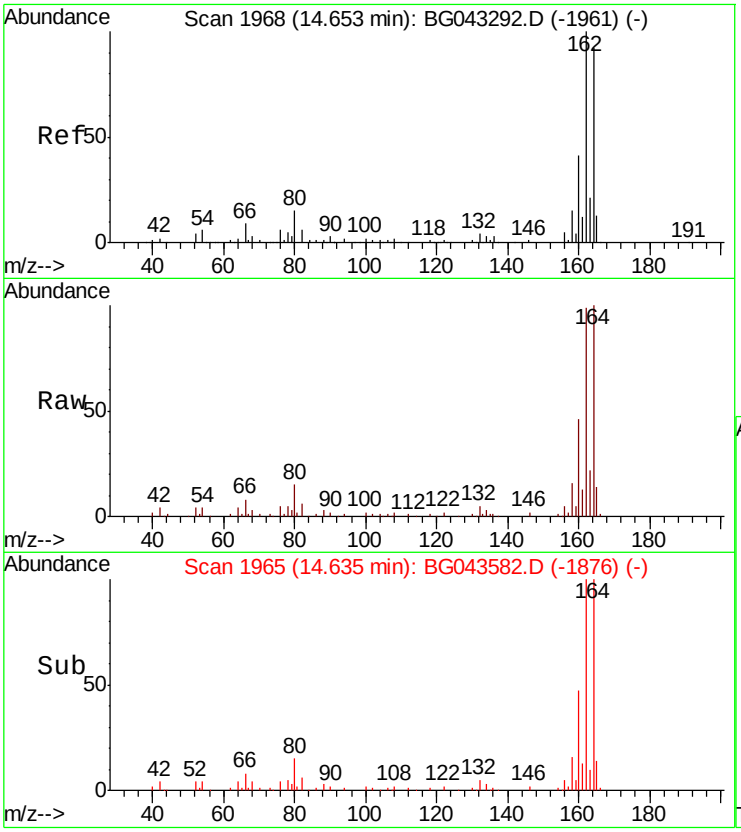


#23
Nitrobenzene-d5
Concen: 88.498 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Tgt Ion: 82 Resp: 194492

Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.0	52.6
54	51.9	40.2	60.2



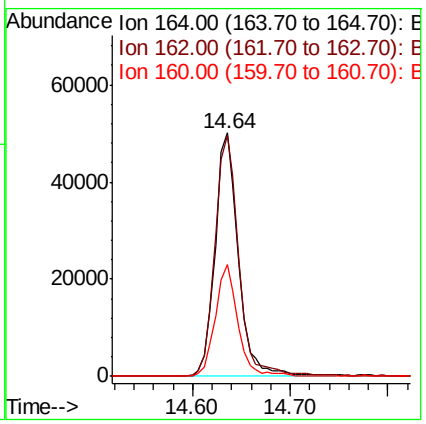


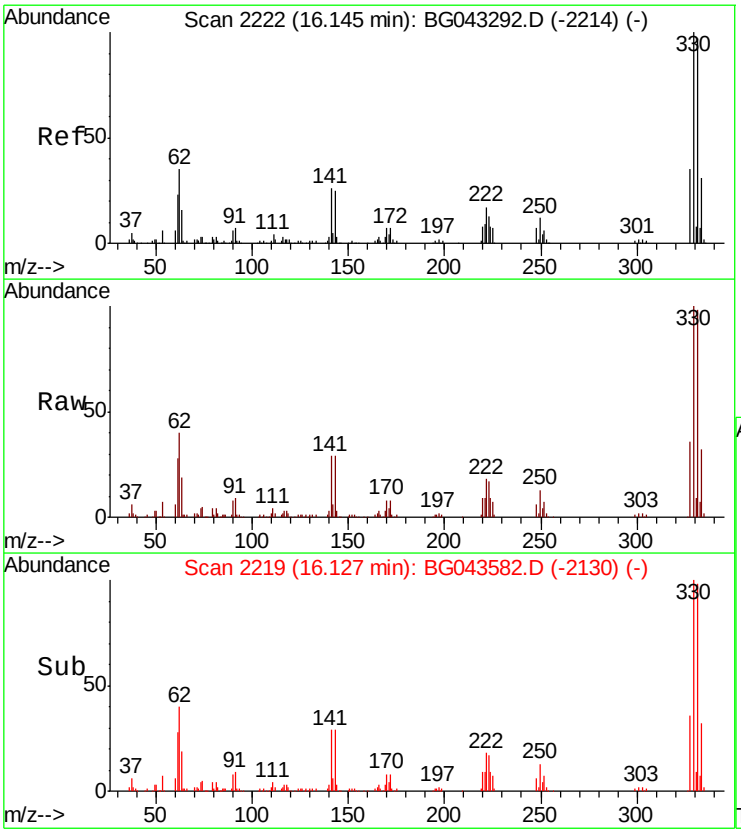
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tgt Ion:164 Resp: 82849

Ion	Ratio	Lower	Upper
164	100		
162	99.0	83.5	125.3
160	46.2	36.5	54.7

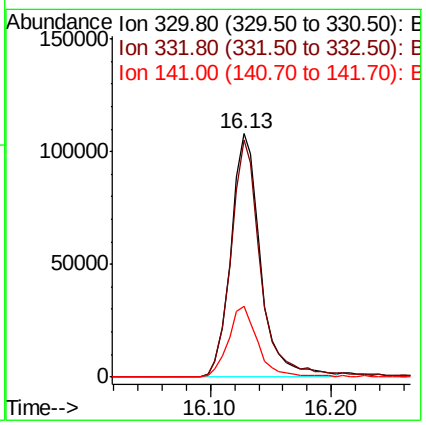


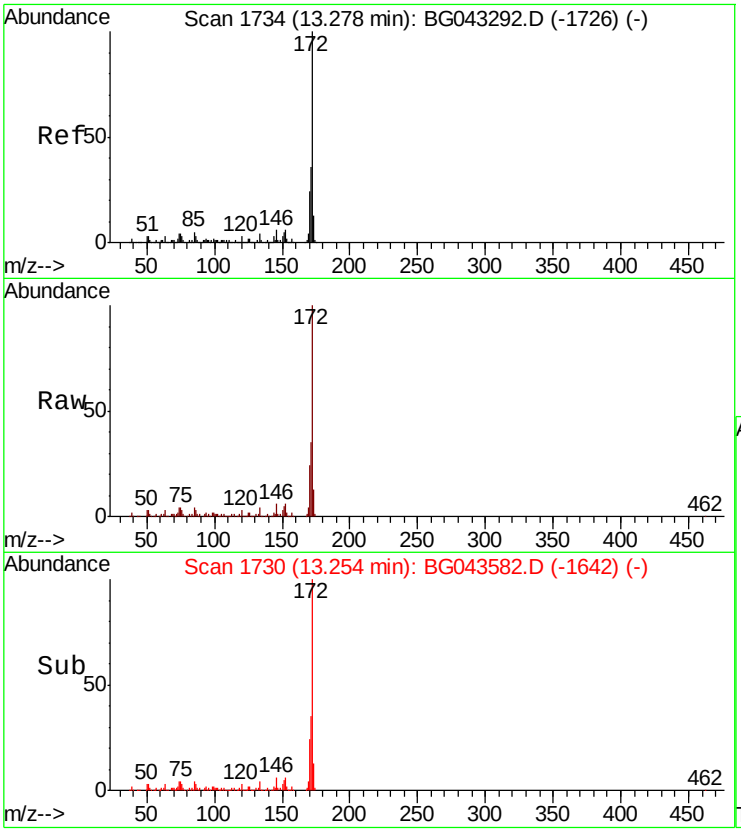


#42
2,4,6-Tribromophenol
Concen: 117.421 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Tgt Ion:330 Resp: 185128

Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.4	116.0
141	29.5	22.8	34.2



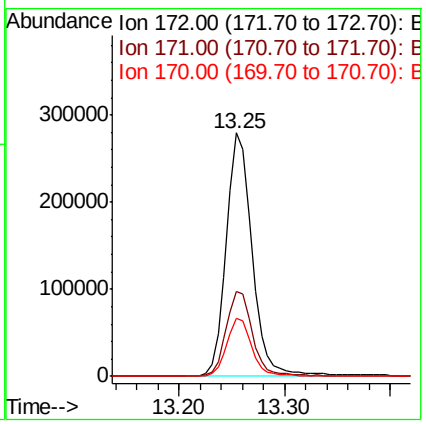


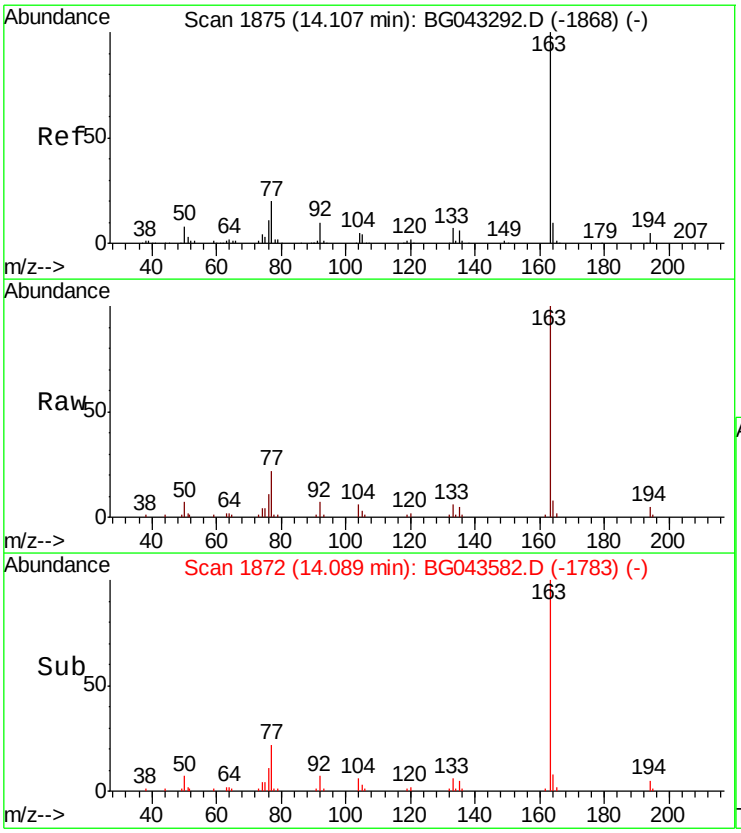
#45
2-Fluorobiphenyl
Concen: 79.086 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tgt Ion:172 Resp: 474179

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.7	18.5	27.7

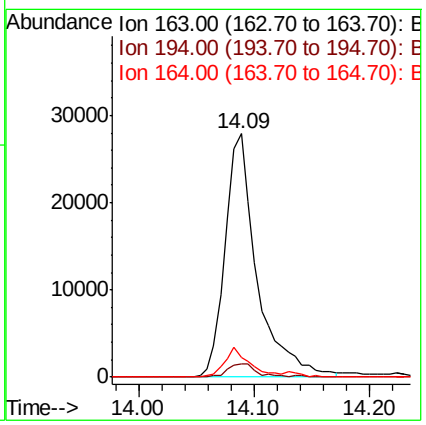


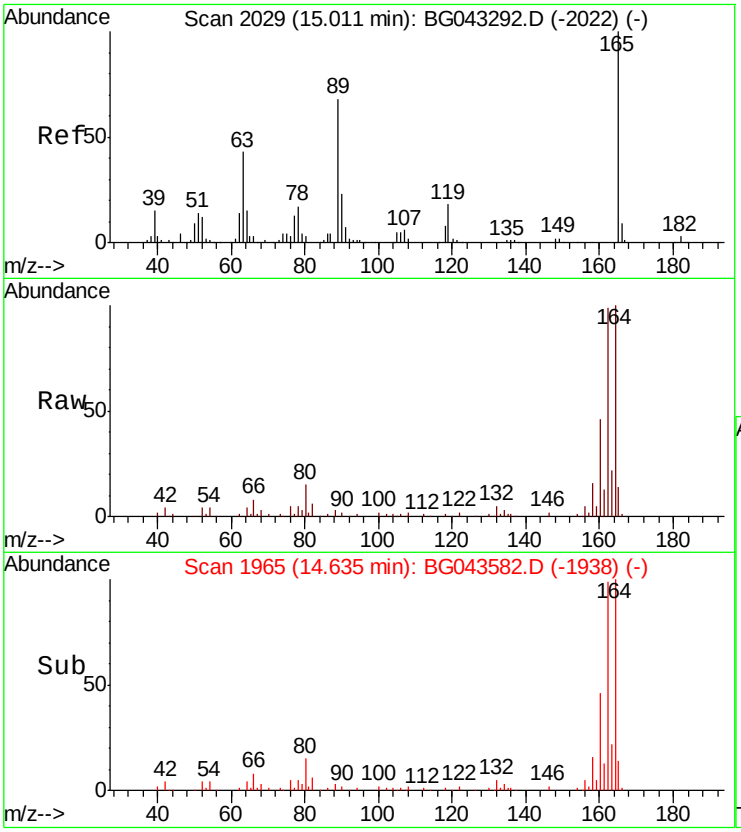


#50
Dimethylphthalate
Concen: 8.320 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Tgt Ion:163 Resp: 53390

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.8	5.6
164	8.0	8.9	13.3#



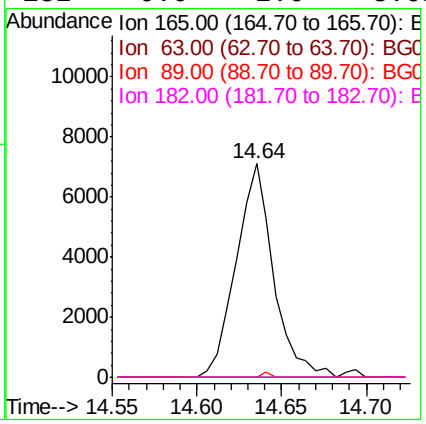


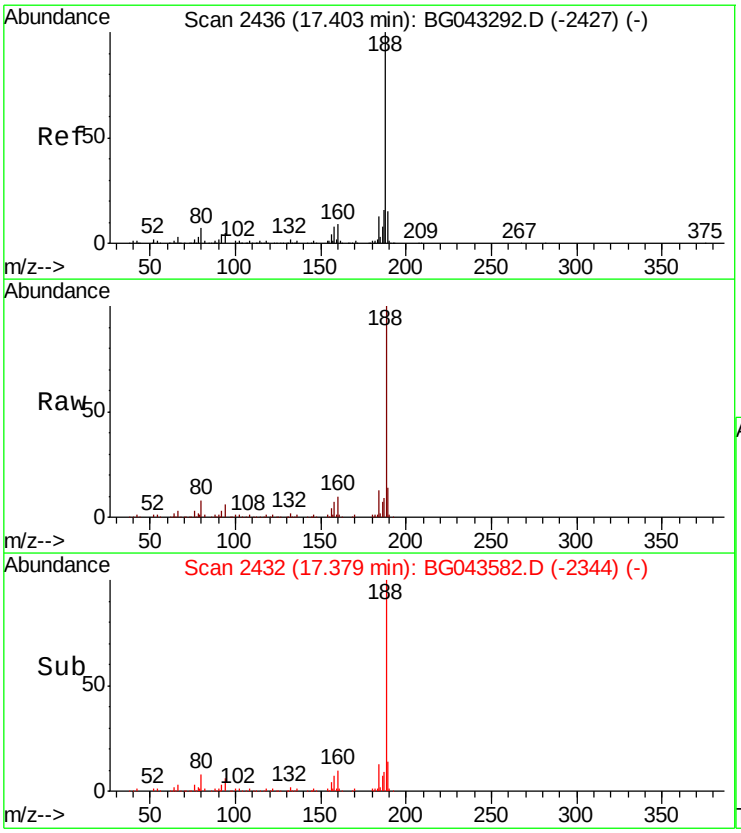
#57
2,4-Dinitrotoluene
Concen: 5.498 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.37 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tgt Ion:165 Resp: 10955

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	0.0	52.2	78.4#
182	0.0	2.0	3.0#

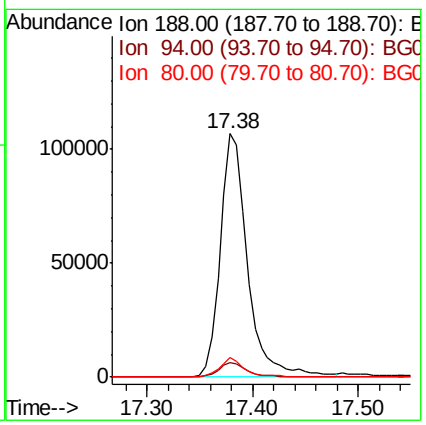


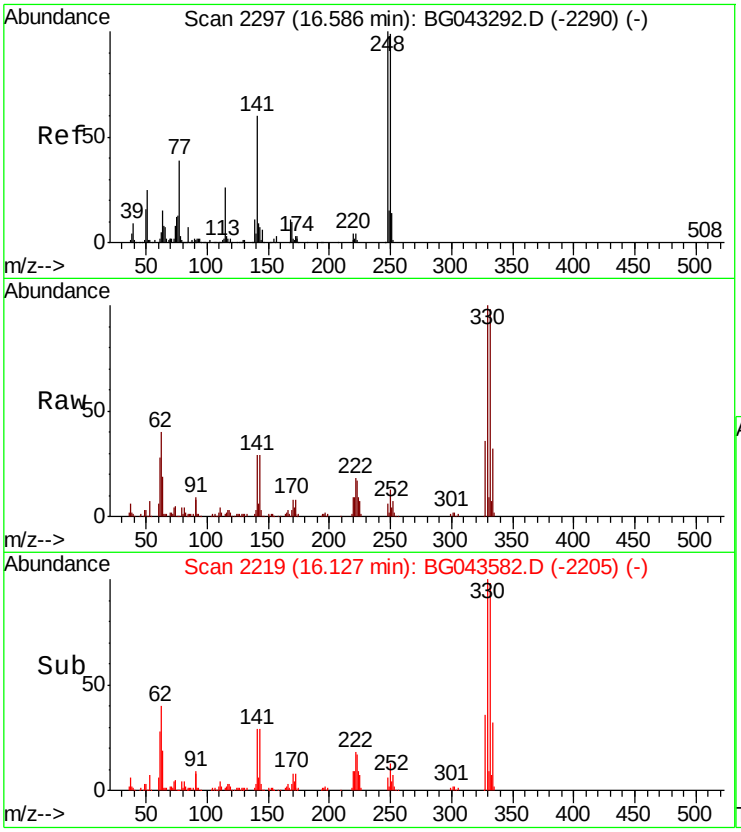


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Tgt Ion:188 Resp: 191502

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	7.9	4.5	6.7#



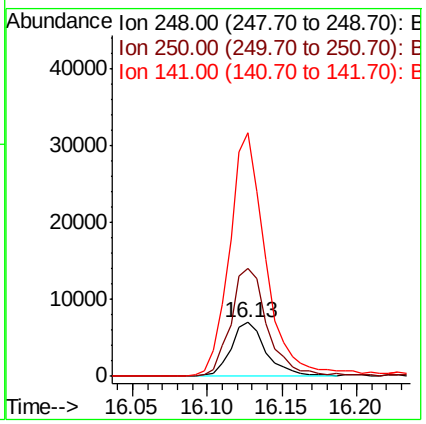


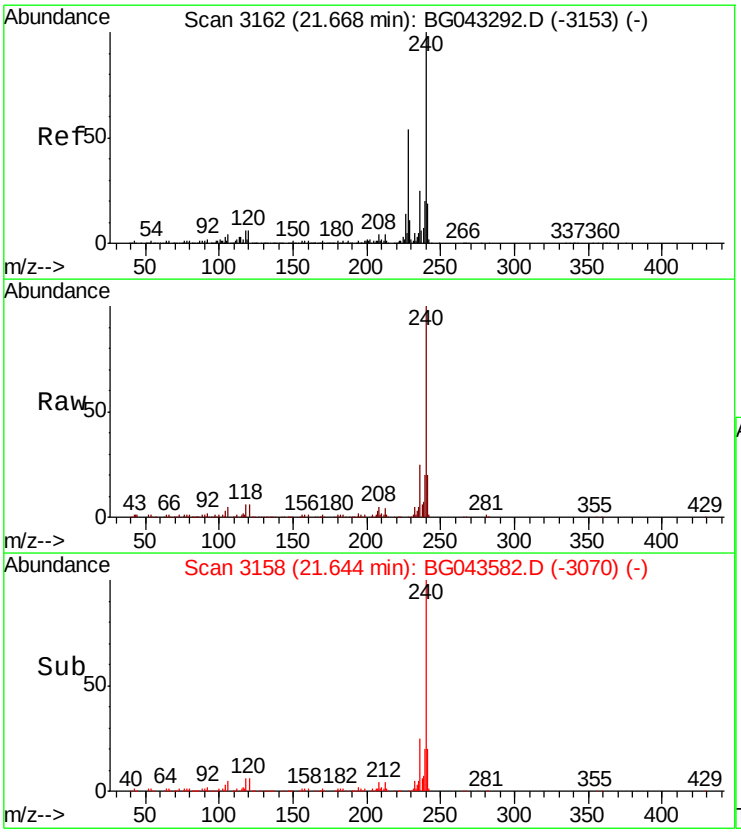
#67
4-Bromophenyl-phenylether
Concen: 4.478 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.45 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tgt Ion:248 Resp: 11541

Ion	Ratio	Lower	Upper
248	100		
250	200.0	77.0	115.4#
141	451.7	47.5	71.3#

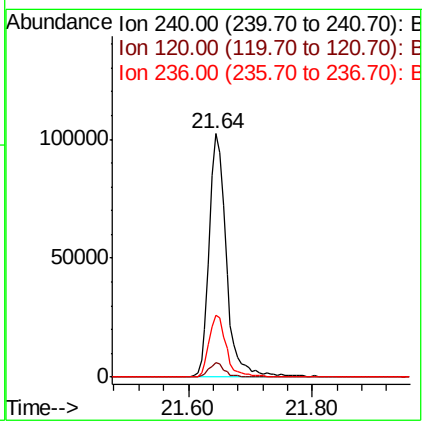


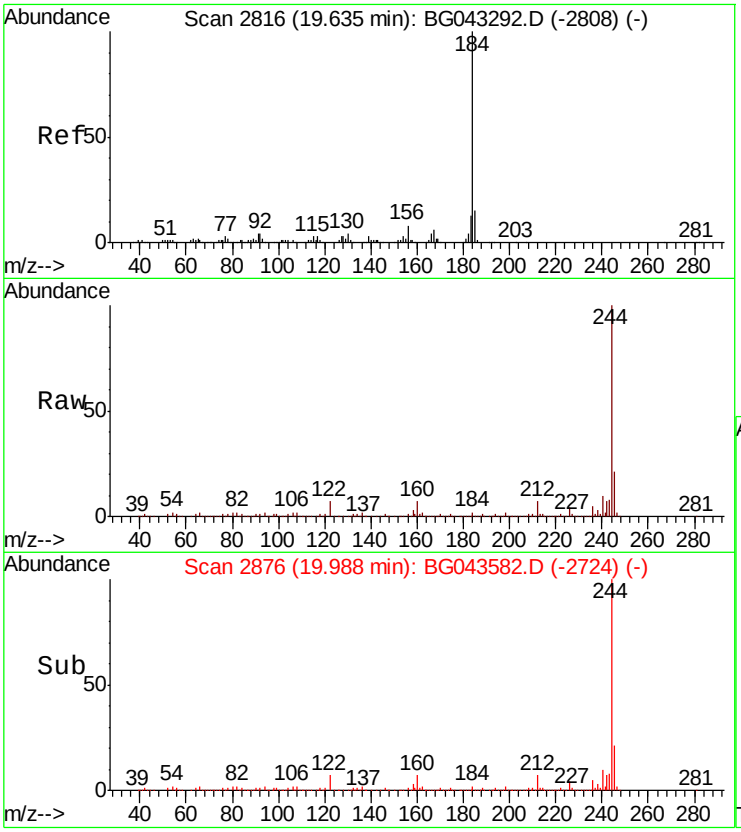


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Tgt Ion:240 Resp: 195271

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.6	6.8
236	25.4	19.8	29.8



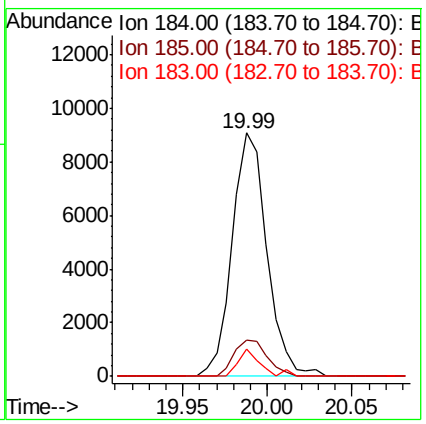


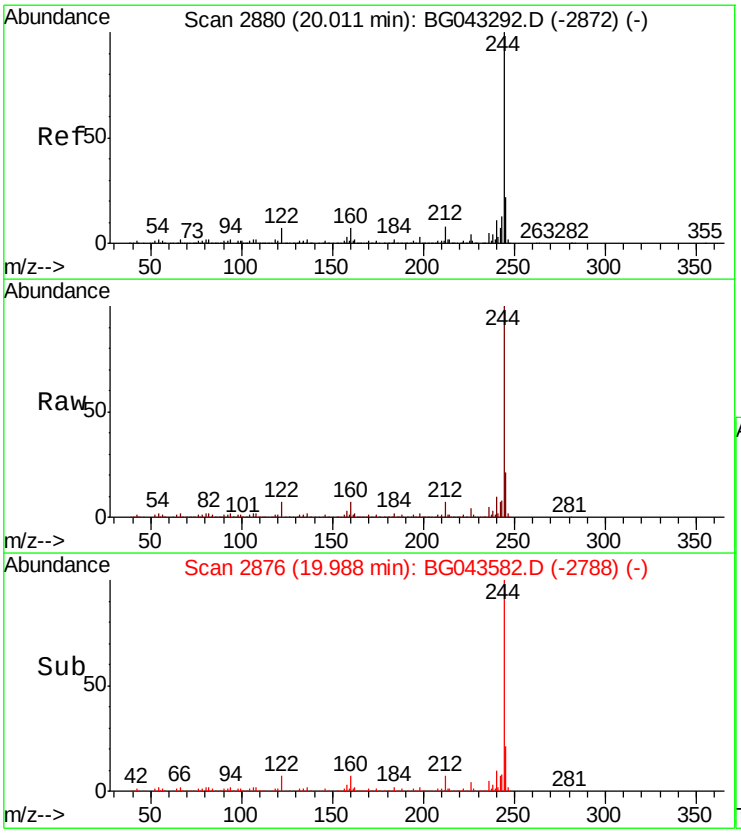
#77
Benzidine
Concen: 3.303 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.36 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tgt Ion:184 Resp: 12979

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.0	16.4
183	11.1	10.0	15.0

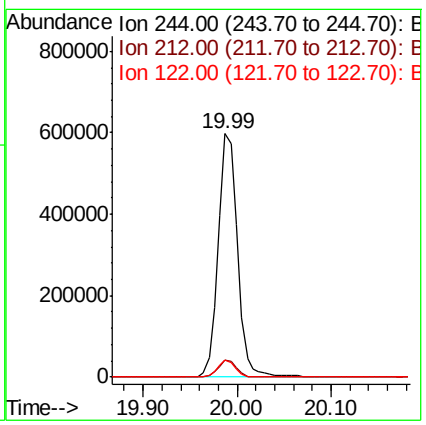


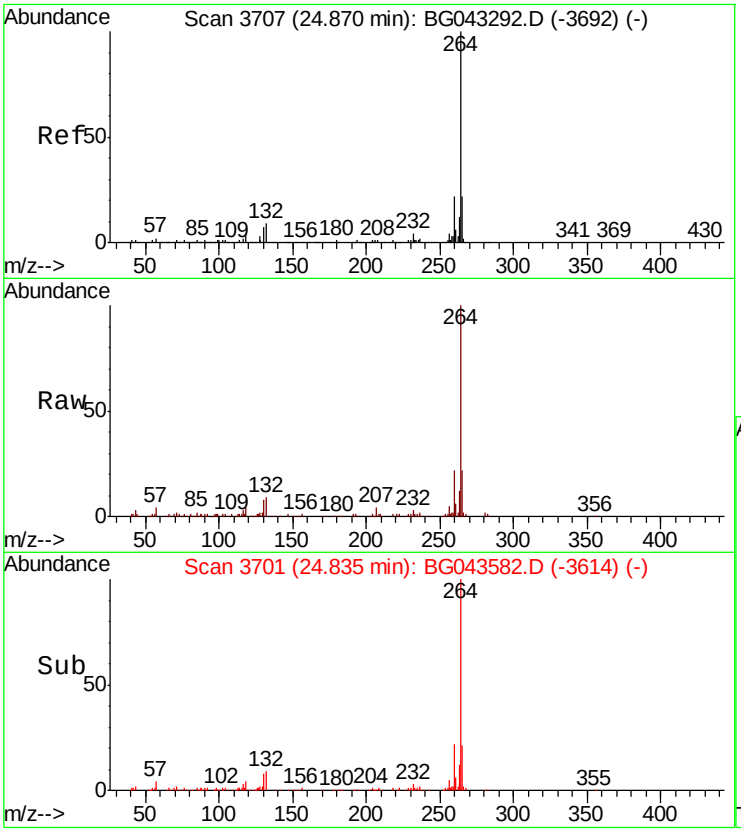


#79
Terphenyl-d14
Concen: 82.687 ng
RT: 19.99 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Tgt Ion:244 Resp: 860656

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	6.9	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.02 min
Lab File: BG043582.D
Acq: 8 Nov 2019 23:11

Instrument :
BNA_G
ClientSampleId :
SB-30-(6-8)

Tgt Ion:264 Resp: 221661

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.5	26.3
265	21.6	17.4	26.0