Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
Data File : BG041112.D
Acq On : 8 Jun 2019 00:19
Operator : HP/JU
Sample : PB120405BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120405BL

Quant Time: Jun 08 07:02:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	42687	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	177662	20.00	ng	-0.03
39) Acenaphthene-d10	14.74	164	135935	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	339394	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	343883	20.00	ng	-0.03
87) Perylene-d12	25.08	264	353234	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	338545	143.01	ng	-0.02
7) Phenol-d6	7.25	99	506146	138.44	ng	-0.01
23) Nitrobenzene-d5	9.29	82	339762	84.90	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	259909	128.79	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	862664	91.39	ng	-0.03
79) Terphenyl-d14	20.08	244	1443994	89.12	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	48155	17.116	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	18206	7.338	ng	# 19
54) 2,4-Dinitrophenol	15.02	184	61	8.310	ng	# 18
57) 2,4-Dinitrotoluene	14.73	165	18206	5.195	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.22	198	727	8.918	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	19003	4.149	ng	# 1
77) Benzidine	20.07	184	25229	3.075	ng	# 93

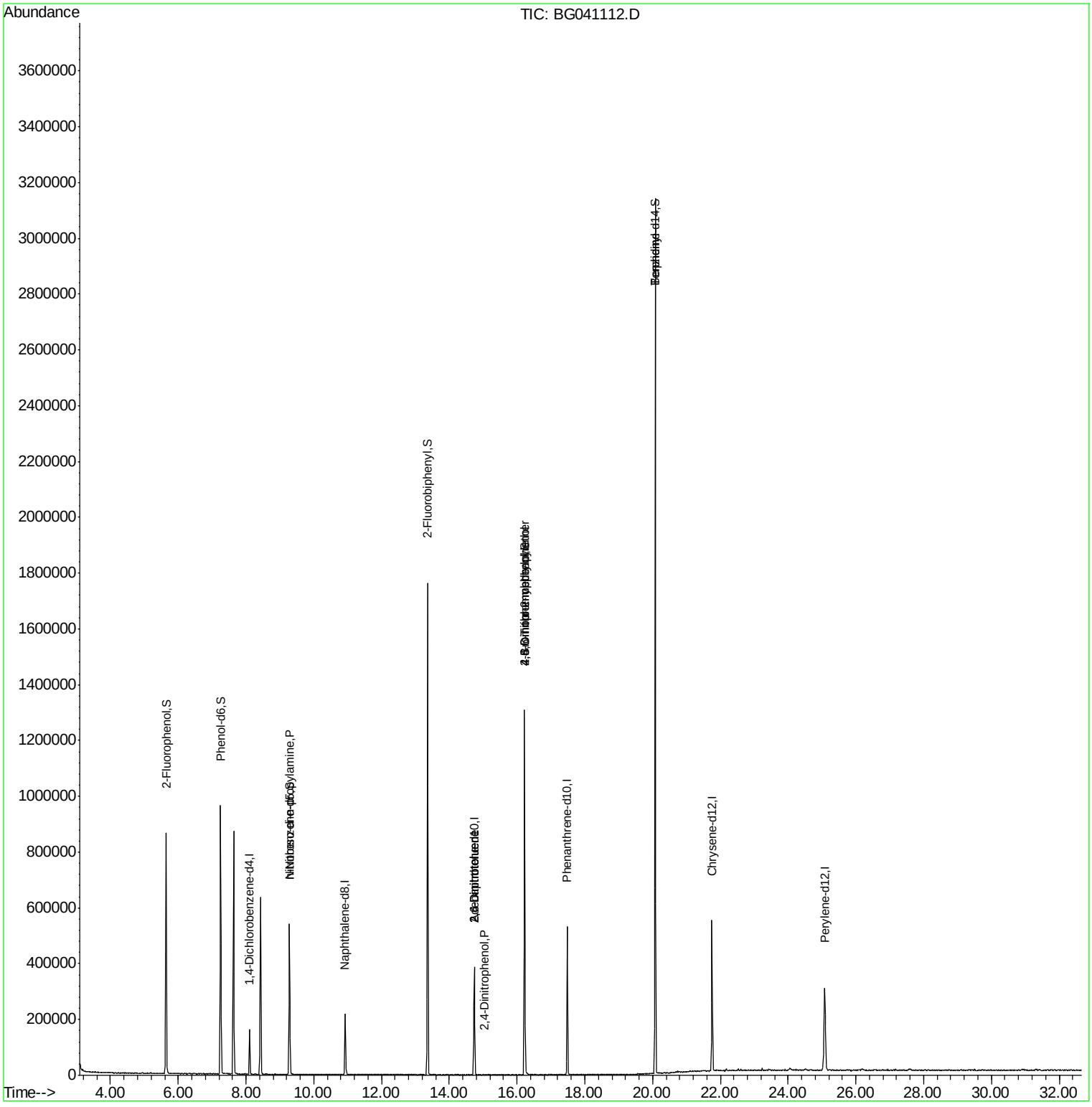
(#) = qualifier out of range (m) = manual integration (+) = signals summed

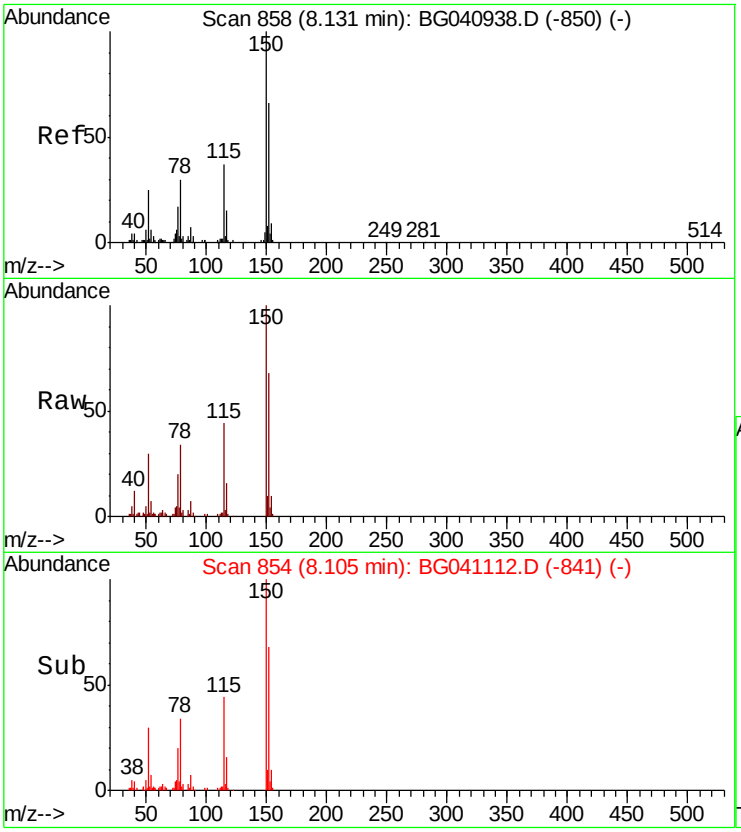
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
Data File : BG041112.D
Acq On : 8 Jun 2019 00:19
Operator : HP/JU
Sample : PB120405BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120405BL

Quant Time: Jun 08 07:02:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



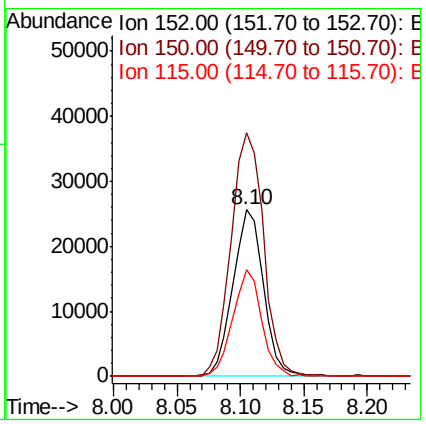


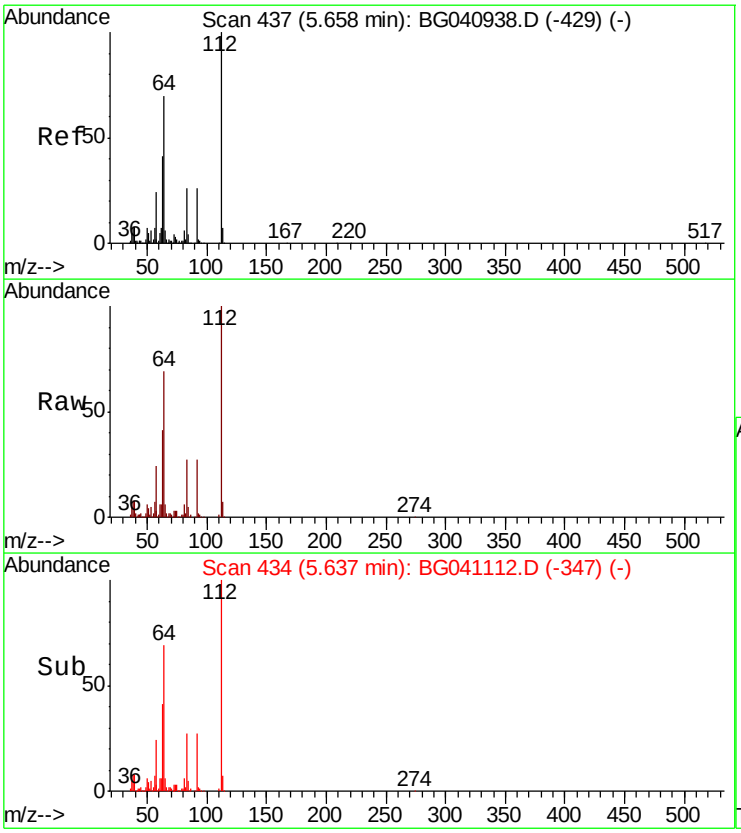
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 854
Delta R.T. -0.03 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB120405BL

Tgt Ion:152 Resp: 42687

Ion	Ratio	Lower	Upper
152	100		
150	146.5	120.6	180.8
115	63.8	45.1	67.7

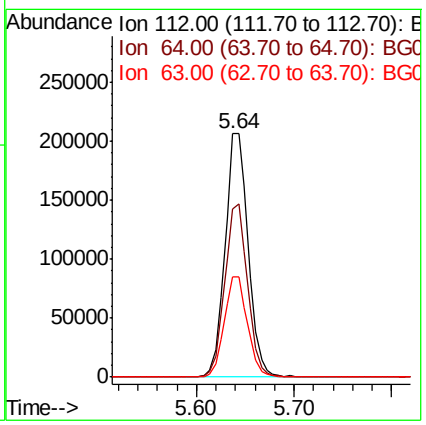


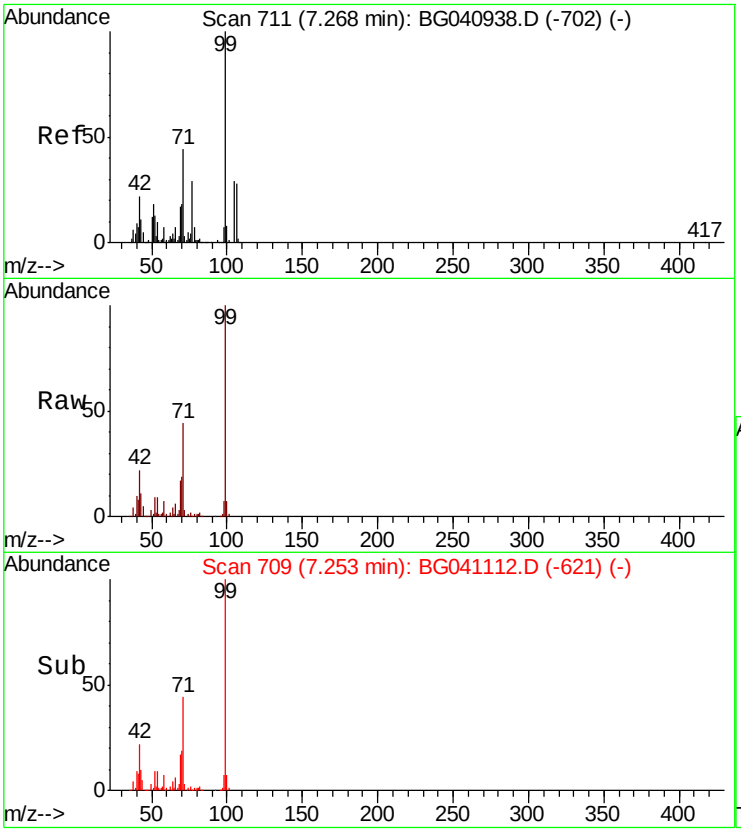


#5
2-Fluorophenol
Concen: 143.010 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Tgt Ion:112 Resp: 338545

Ion	Ratio	Lower	Upper
112	100		
64	69.3	56.2	84.2
63	41.2	32.8	49.2



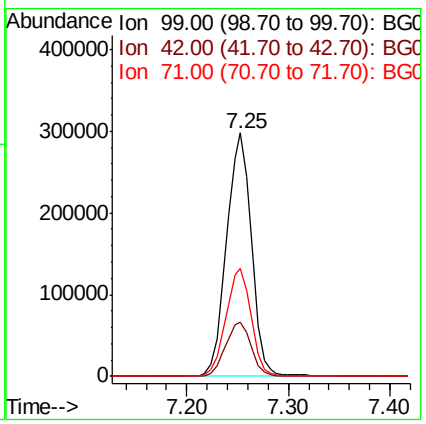


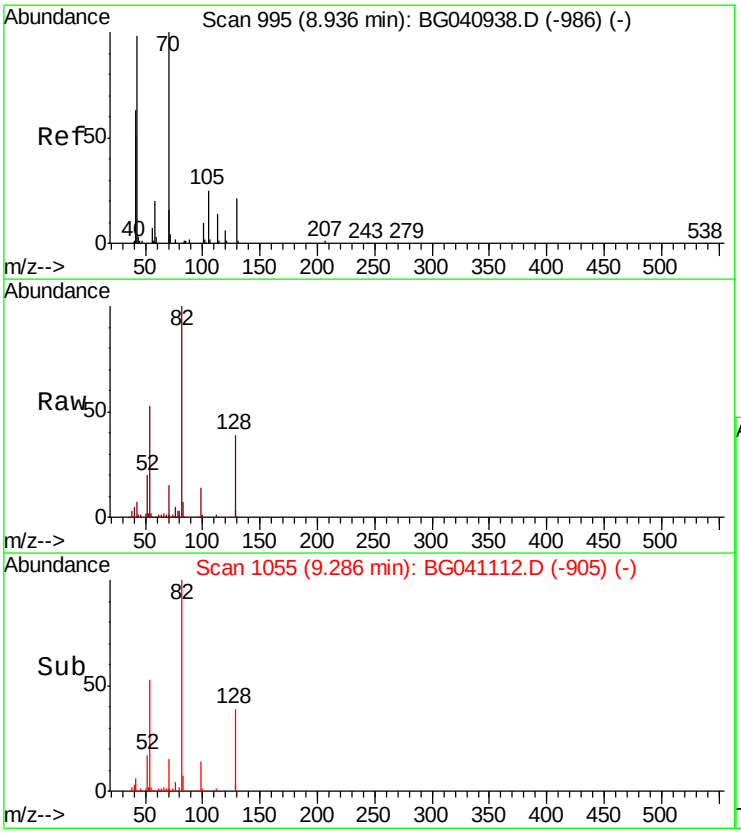
#7
Phenol-d6
Concen: 138.442 ng
RT: 7.25 min Scan# 709
Delta R.T. -0.01 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB120405BL

Tgt Ion: 99 Resp: 506146

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.9	26.9
71	44.3	35.4	53.0

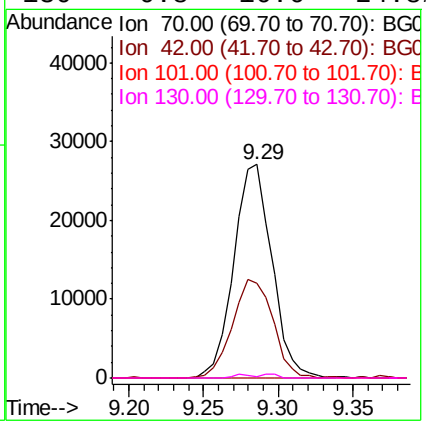


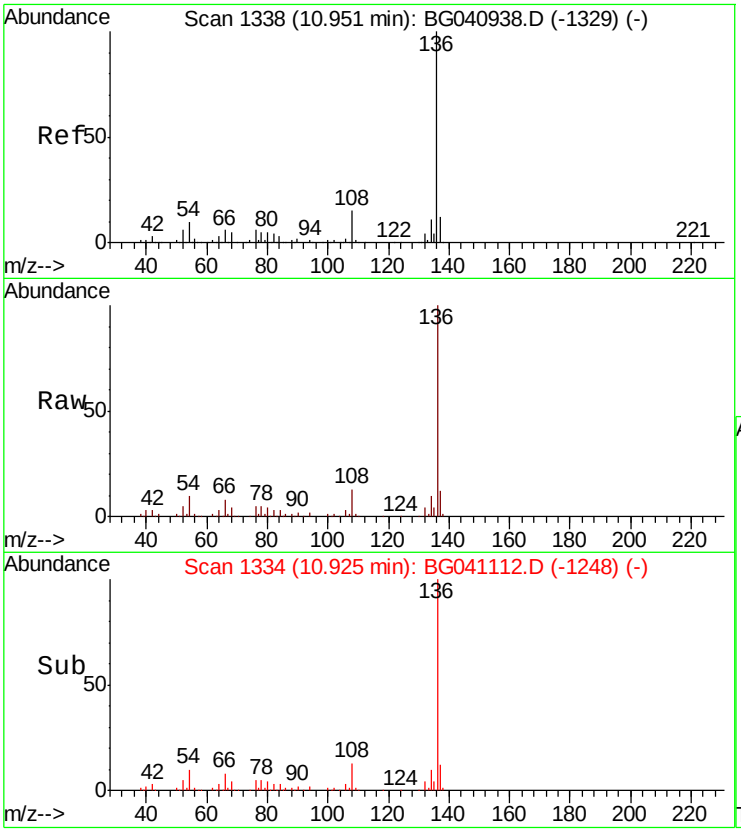


#19
n-Nitroso-di-n-propylamine
Concen: 17.116 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.35 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Tgt Ion: 70 Resp: 48155

Ion	Ratio	Lower	Upper
70	100		
42	44.1	51.5	77.3#
101	0.0	8.1	12.1#
130	0.8	16.6	24.8#



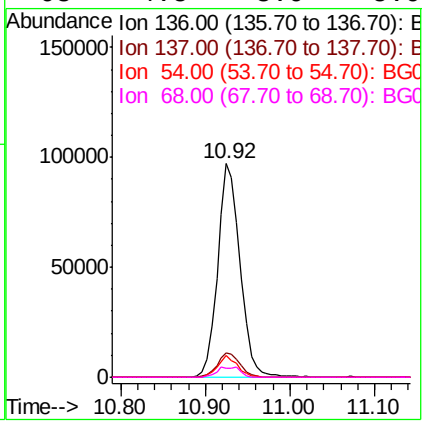


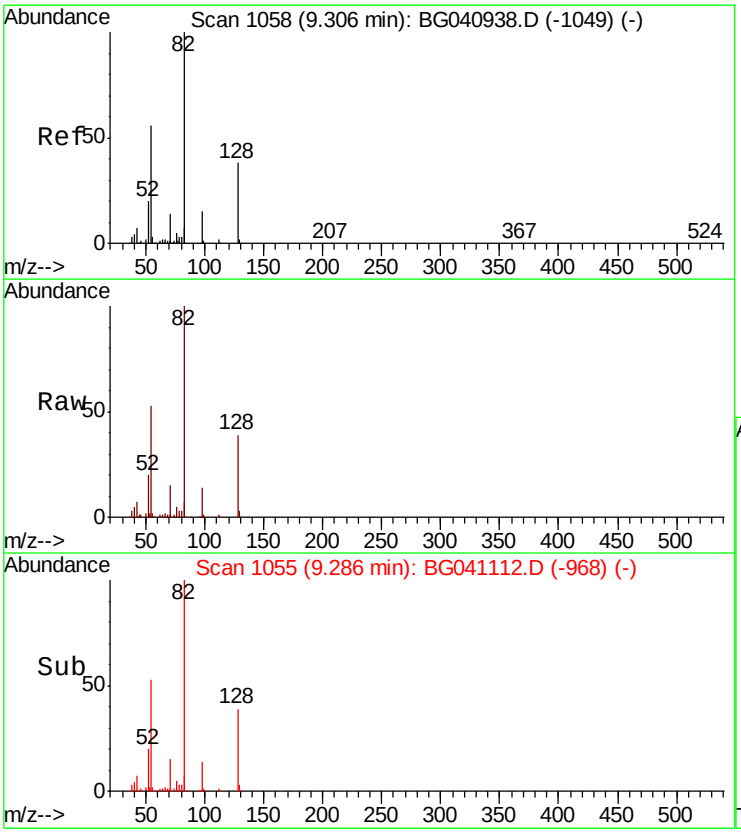
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB120405BL

Tgt Ion:136 Resp: 177662

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	10.2	7.6	11.4
68	4.5	3.9	5.9

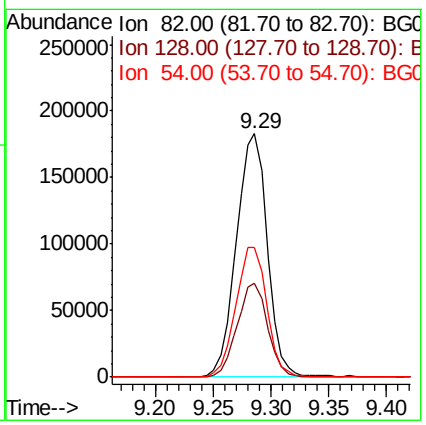


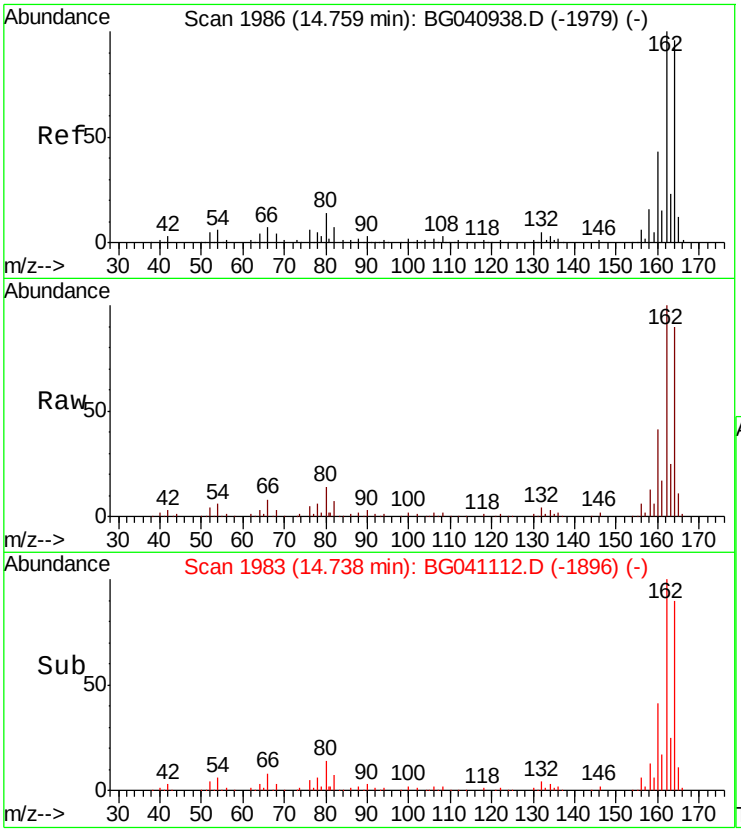


#23
Nitrobenzene-d5
Concen: 84.899 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Tgt Ion: 82 Resp: 339762

Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.5	45.7
54	53.3	44.6	66.8



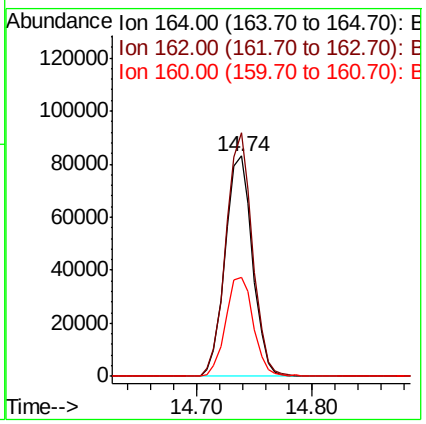


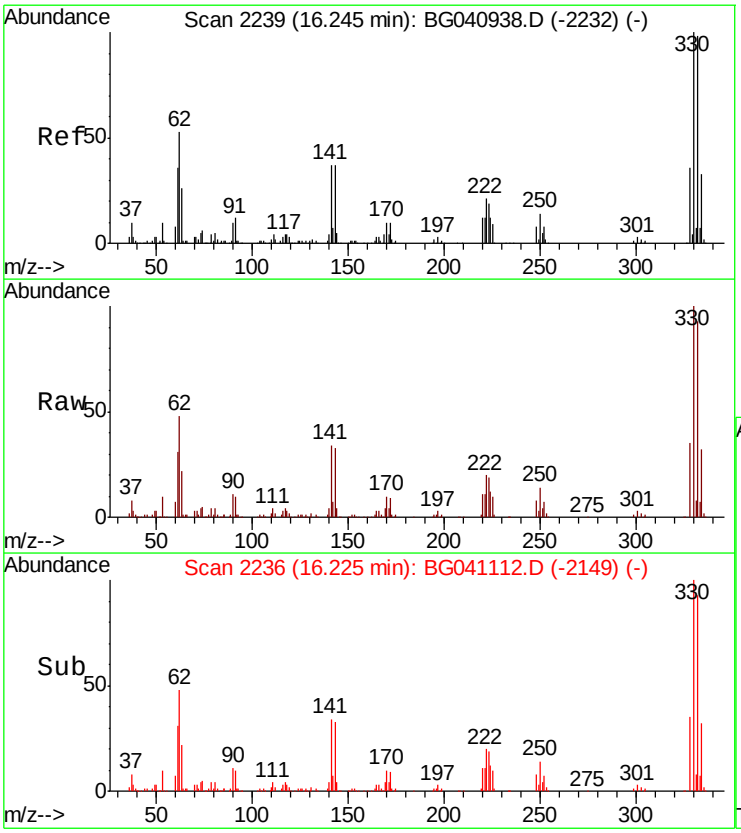
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB120405BL

Tgt Ion:164 Resp: 135935

Ion	Ratio	Lower	Upper
164	100		
162	110.6	83.0	124.4
160	45.0	35.6	53.4

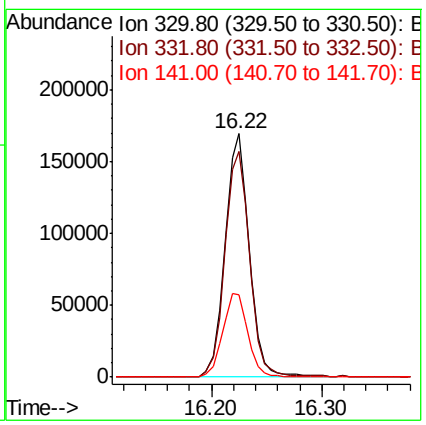


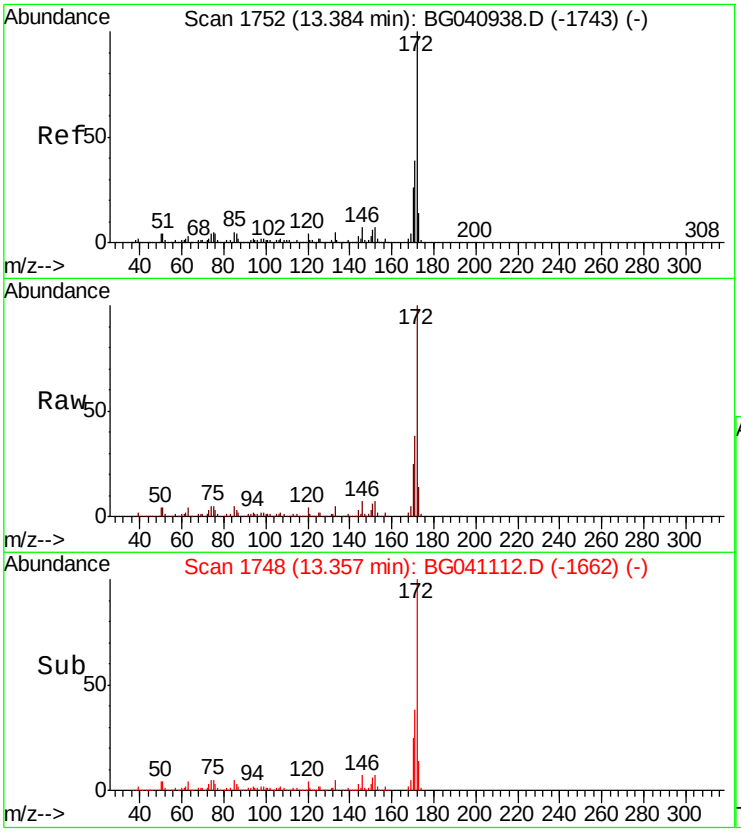


#42
2,4,6-Tribromophenol
Concen: 128.792 ng
RT: 16.22 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Tgt Ion:330 Resp: 259909

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.5	117.7
141	35.7	28.7	43.1



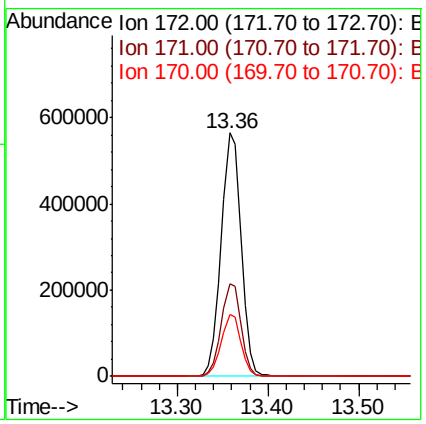


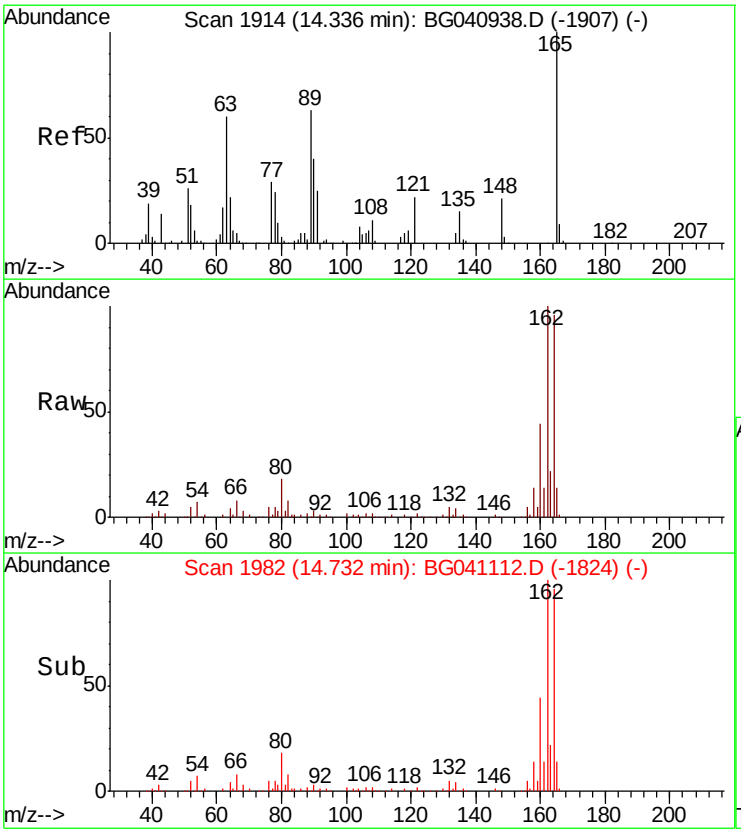
#45
2-Fluorobiphenyl
Concen: 91.391 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.03 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB120405BL

Tgt Ion:172 Resp: 862664

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	25.4	20.5	30.7

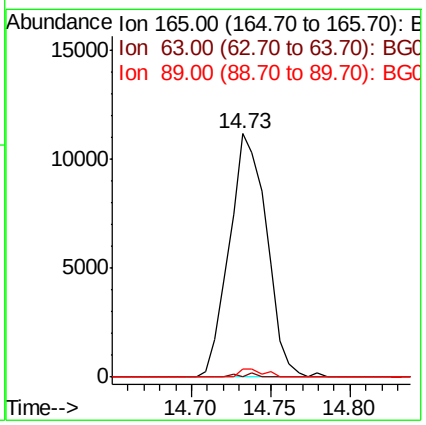


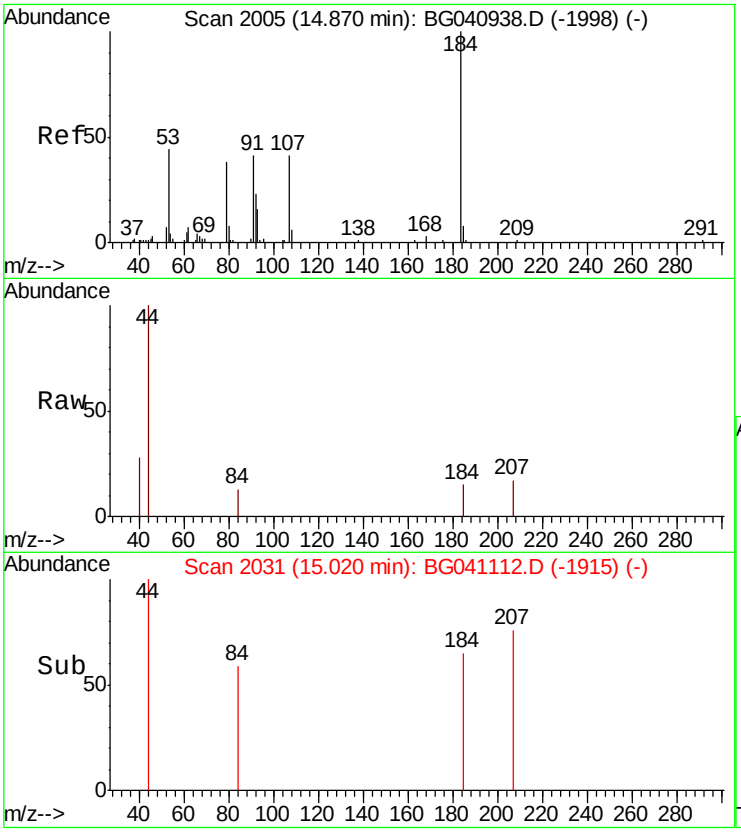


#51
2,6-Dinitrotoluene
Concen: 7.338 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.40 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Tgt Ion:165 Resp: 18206

Ion	Ratio	Lower	Upper
165	100		
63	0.0	53.6	80.4#
89	3.1	50.4	75.6#



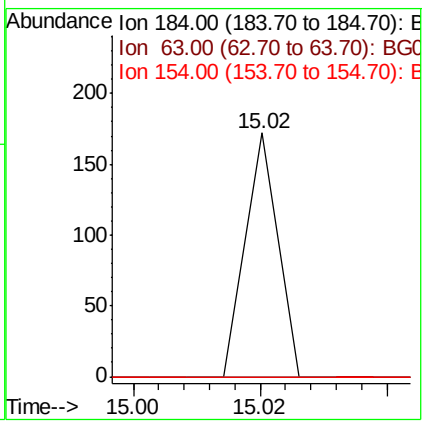


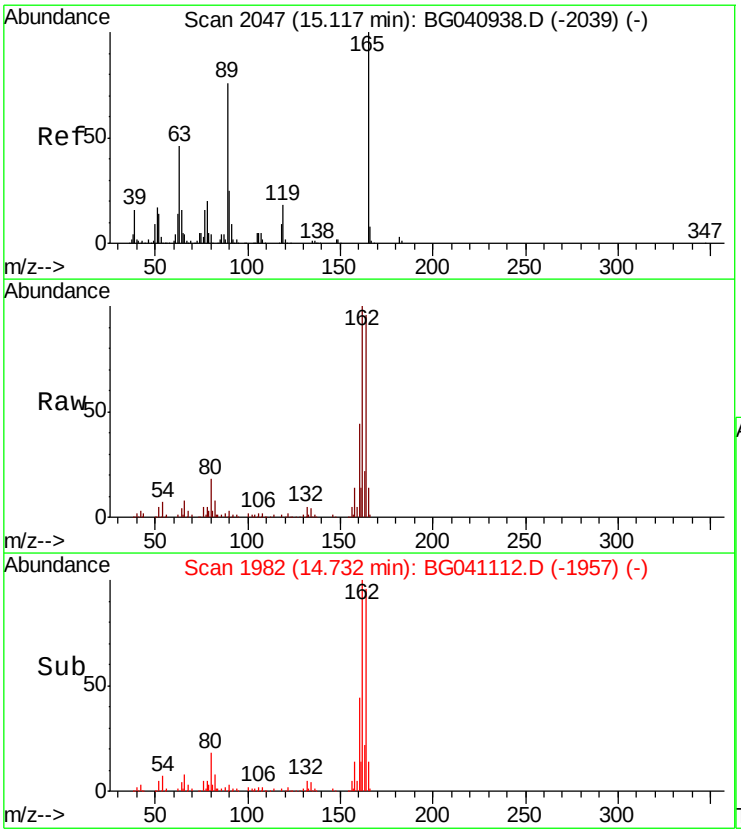
#54
2,4-Dinitrophenol
Concen: 8.310 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.15 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB120405BL

Tgt Ion:184 Resp: 61

Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.8	74.6#
154	0.0	52.2	78.4#

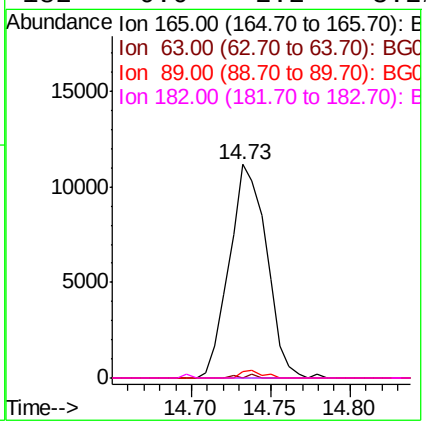


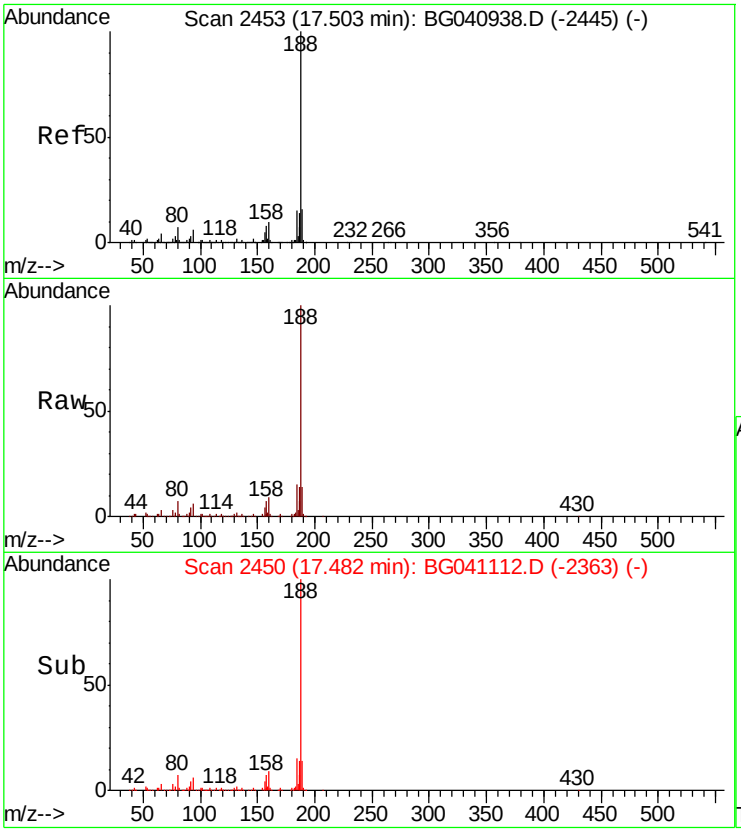


#57
2,4-Dinitrotoluene
Concen: 5.195 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.38 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Tgt Ion:165 Resp: 18206

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	3.1	61.0	91.6#
182	0.0	2.2	3.2#



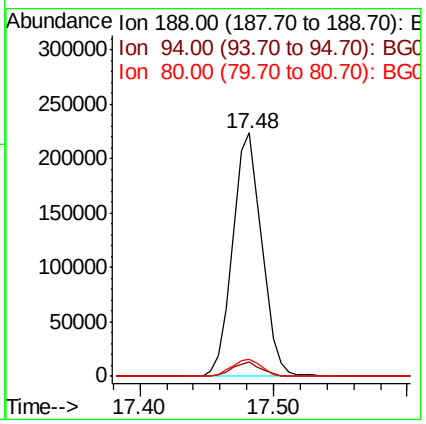


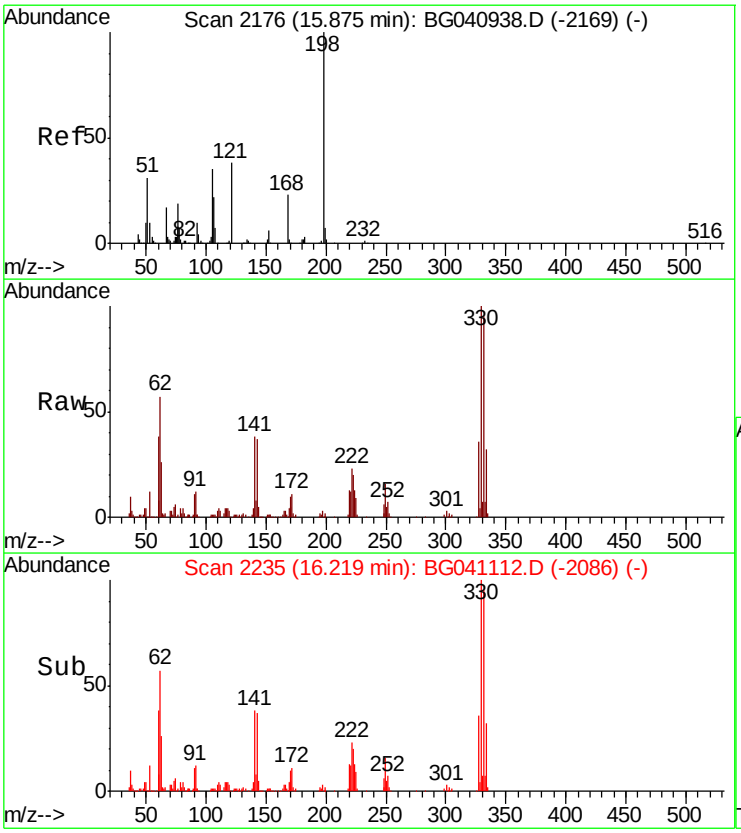
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB120405BL

Tgt Ion:188 Resp: 339394

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	6.9	5.8	8.8

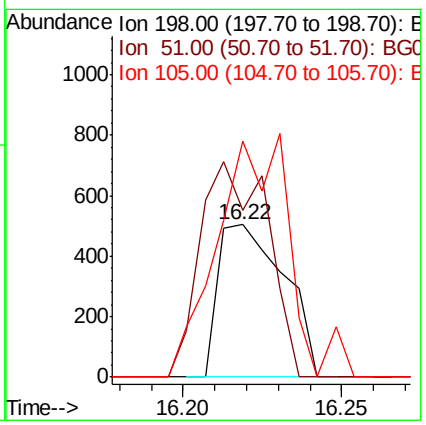


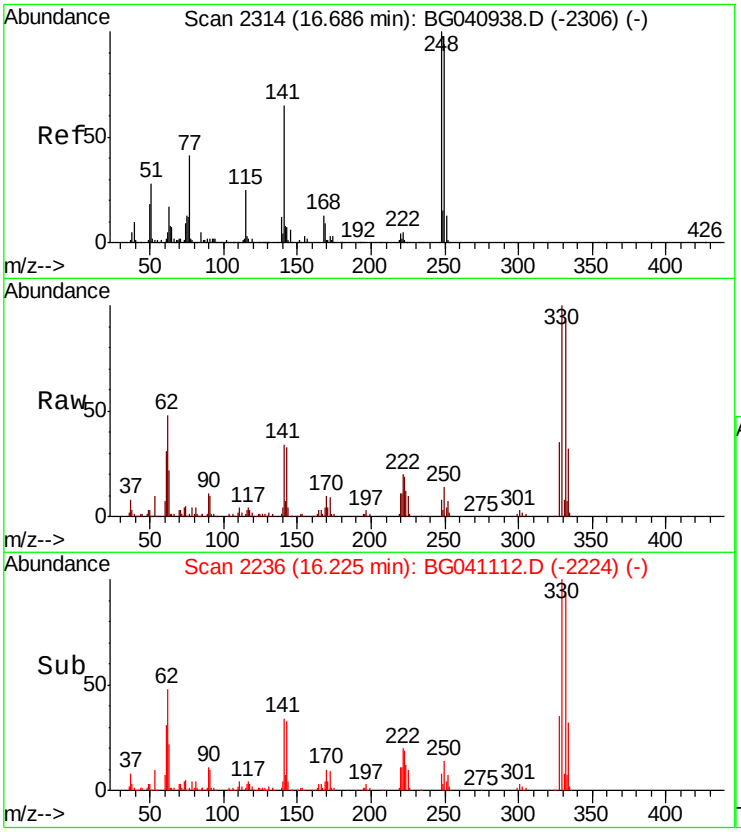


#65
4,6-Dinitro-2-methylphenol
Concen: 8.918 ng
RT: 16.22 min Scan# 2235
Delta R.T. 0.34 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Tgt Ion:198 Resp: 727

Ion	Ratio	Lower	Upper
198	100		
51	109.5	21.6	61.6#
105	155.5	17.5	57.5#



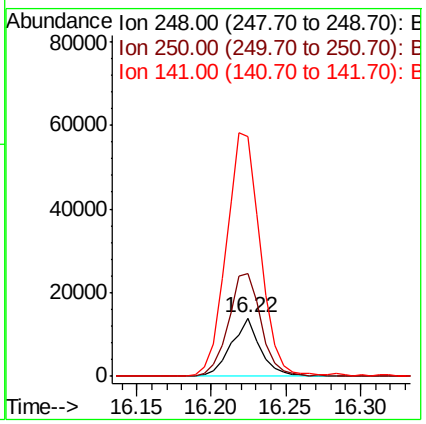


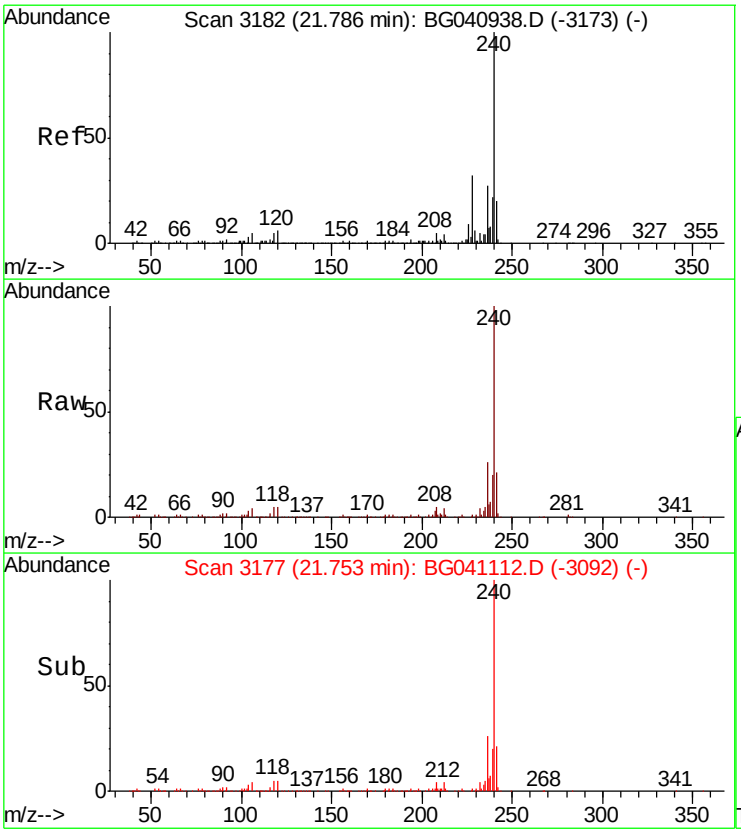
#67
4-Bromophenyl-phenylether
Concen: 4.149 ng
RT: 16.22 min Scan# 2236
Delta R.T. -0.46 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB120405BL

Tgt Ion:248 Resp: 19003

Ion	Ratio	Lower	Upper
248	100		
250	175.9	75.0	112.4#
141	412.2	52.4	78.6#

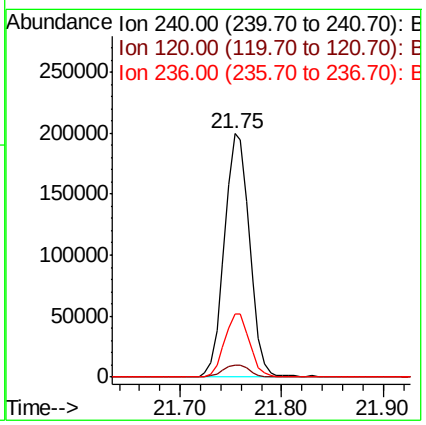


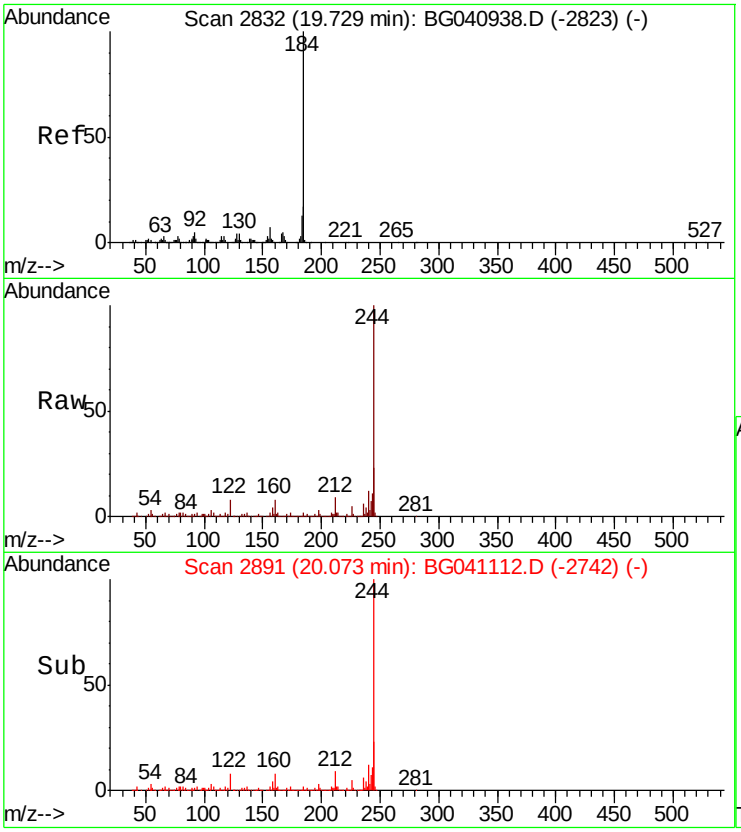


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.03 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Tgt Ion:240 Resp: 343883

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.5	6.7
236	25.7	21.3	31.9



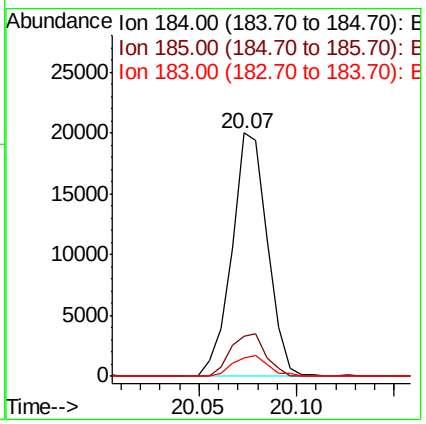


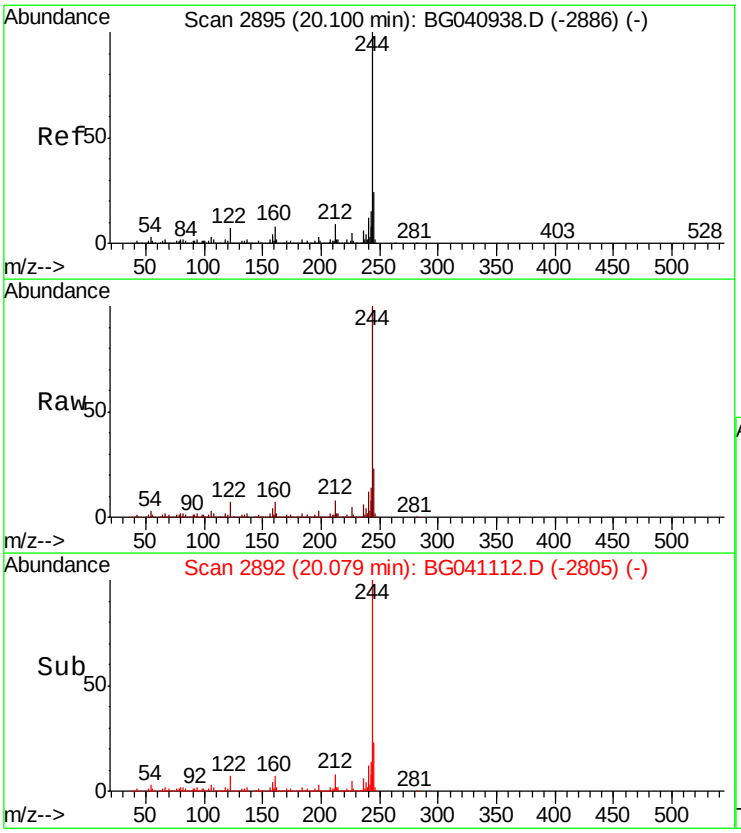
#77
Benzidine
Concen: 3.075 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.34 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB120405BL

Tgt Ion:184 Resp: 25229

Ion	Ratio	Lower	Upper
184	100		
185	16.5	13.3	19.9
183	7.7	10.7	16.1#

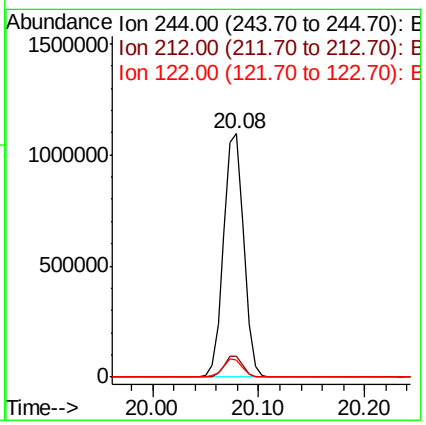


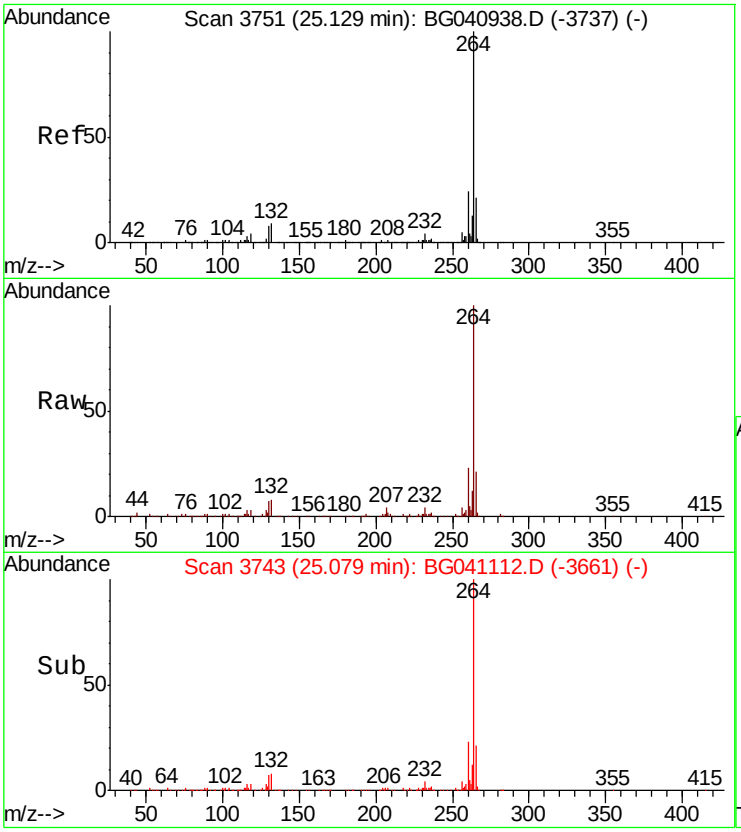


#79
Terphenyl-d14
Concen: 89.119 ng
RT: 20.08 min Scan# 2892
Delta R.T. -0.02 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Tgt Ion:244 Resp: 1443994

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	7.1	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.05 min
Lab File: BG041112.D
Acq: 8 Jun 2019 00:19

Instrument :
BNA_G
ClientSampleId :
PB120405BL

Tgt Ion:264 Resp: 353234

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.0	17.0	25.4