Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
Data File : BG041083.D
Acq On : 6 Jun 2019 9:52
Operator : HP/JU
Sample : PB120328BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120328BL

Quant Time: Jun 06 23:14:49 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	8.11	152	41676	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	157280	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	104521	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	273488	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	313005	20.00	ng	-0.02
87) Perylene-d12	25.09	264	329666	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	278737	120.60	ng	0.00
7) Phenol-d6	7.26	99	386604	108.31	ng	-0.01
23) Nitrobenzene-d5	9.29	82	266780	75.30	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	186794	120.38	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	602944	83.07	ng	-0.02
79) Terphenyl-d14	20.08	244	1151397	78.07	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	38940	14.176	ng	# 73
51) 2,6-Dinitrotoluene	14.74	165	13614	7.137	ng	# 19
54) 2,4-Dinitrophenol	14.49	184	53	8.318	ng	# 18
57) 2,4-Dinitrotoluene	14.74	165	13614	5.052	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.23	198	597	8.924	ng	# 34
67) 4-Bromophenyl-phenylether	16.23	248	14038	3.803	ng	# 1
77) Benzidine	20.08	184	18251	2.444	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
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Acq On : 6 Jun 2019 9:52
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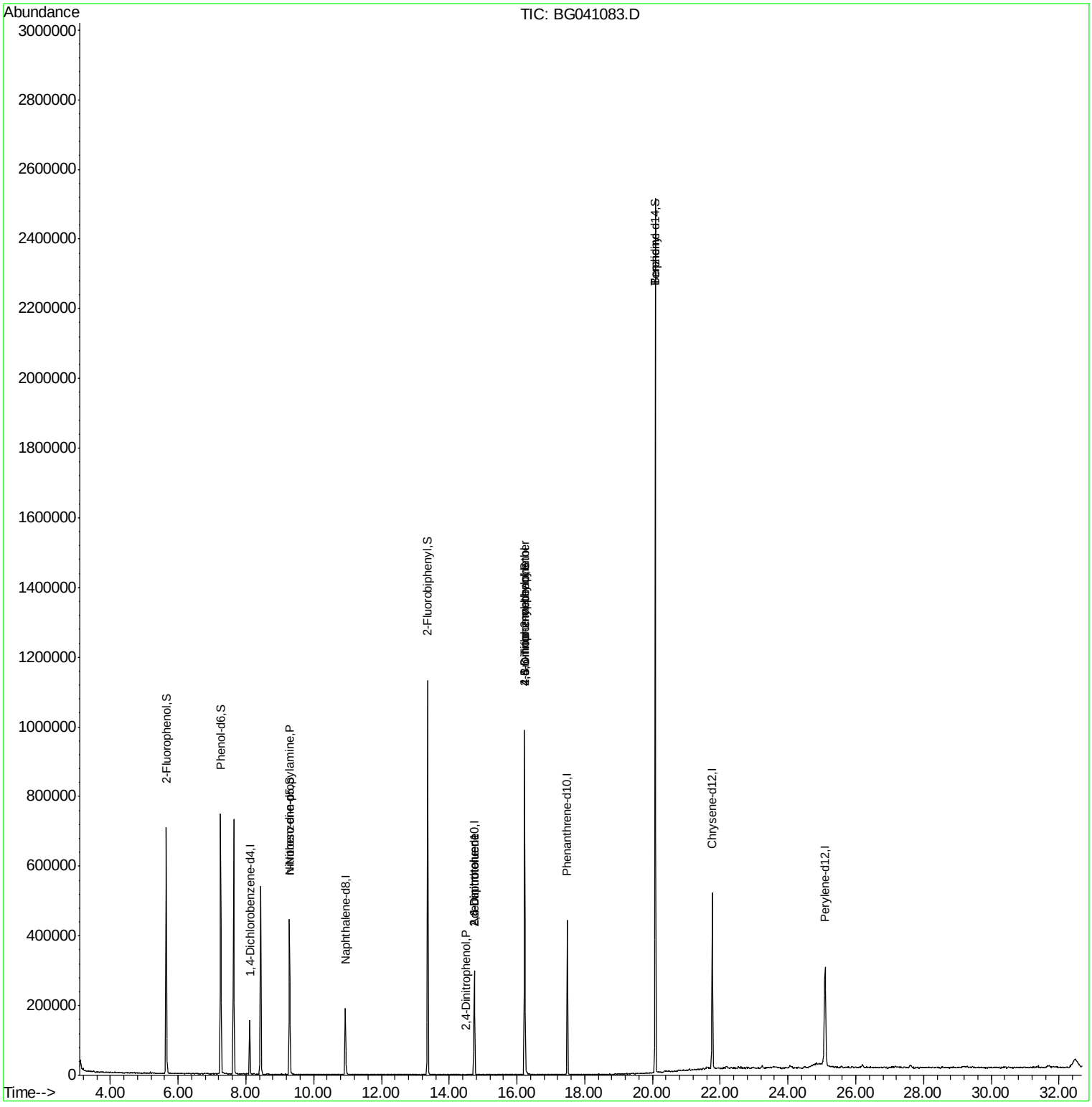
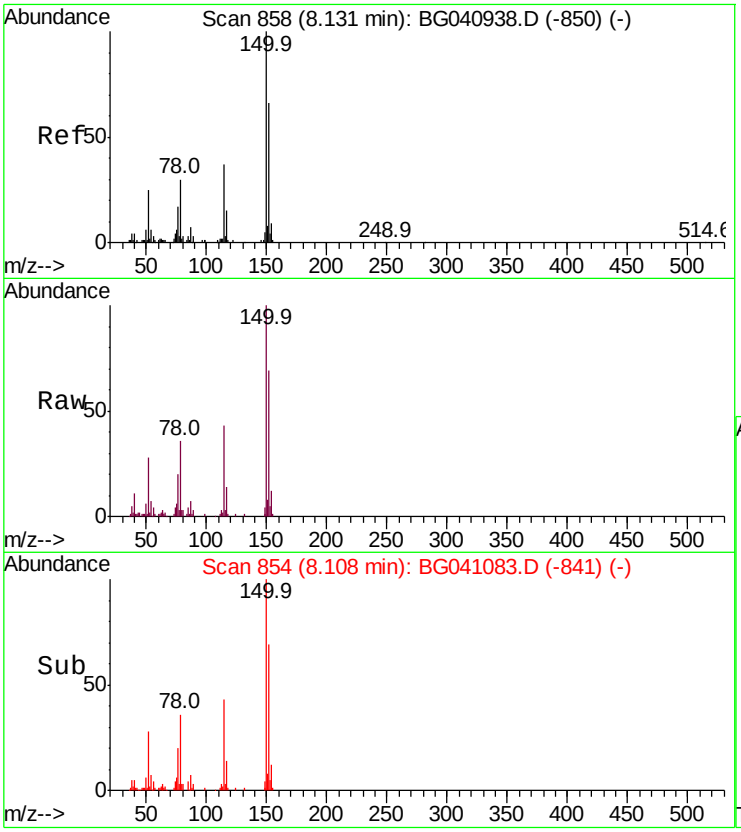
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



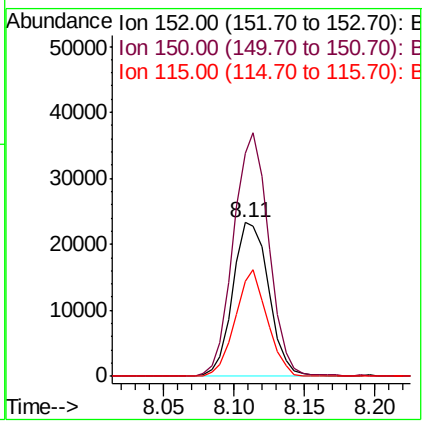


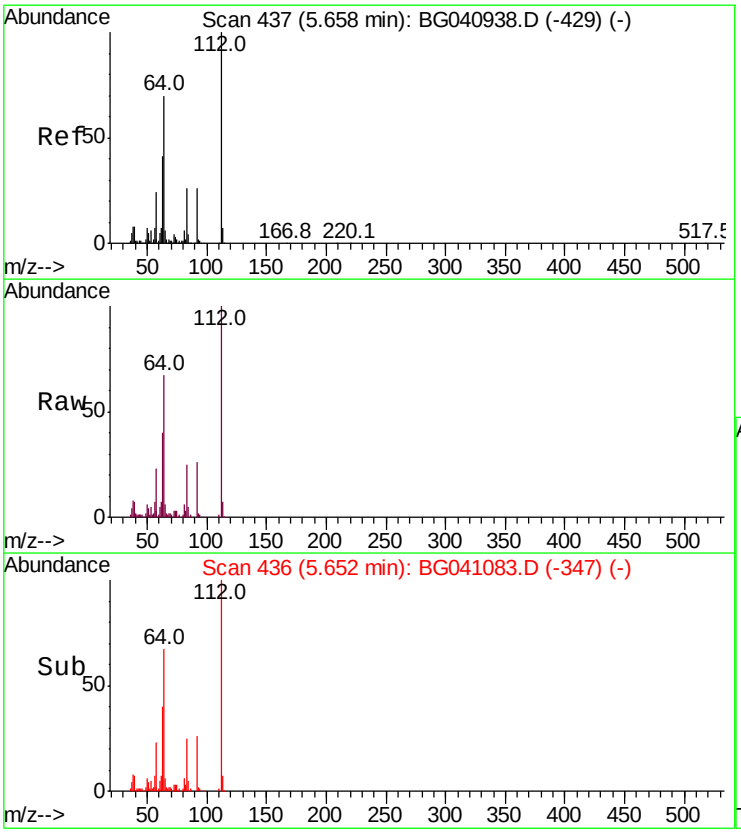
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Instrument :
BNA_G
ClientSampleId :
PB120328BL

Tgt Ion:152 Resp: 41676

Ion	Ratio	Lower	Upper
152	100		
150	145.5	120.6	180.8
115	62.0	45.1	67.7

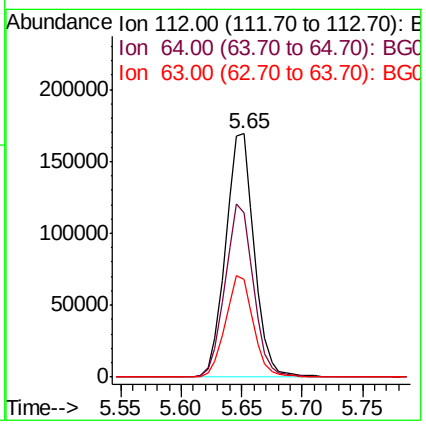


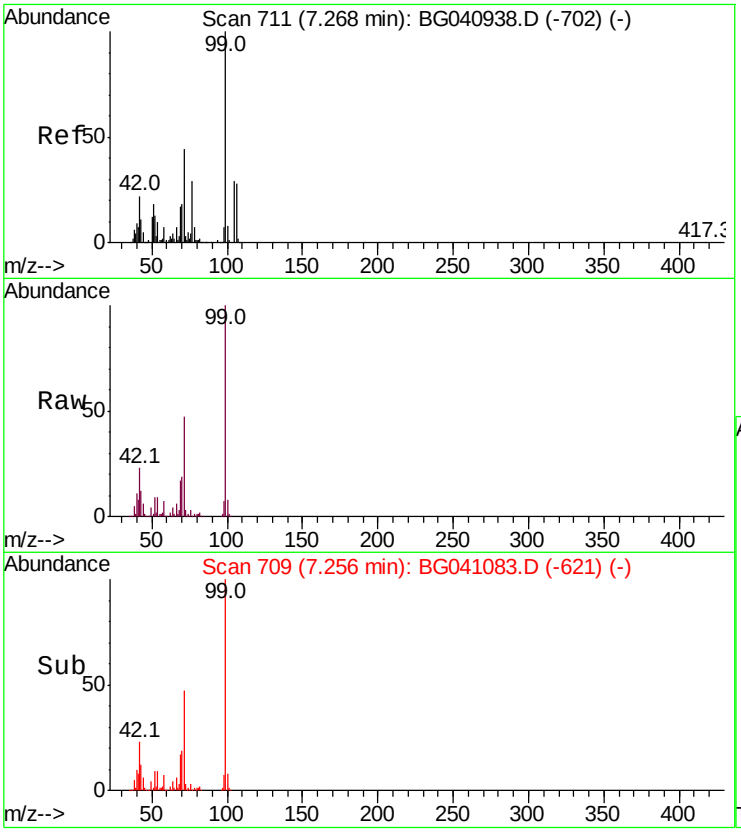


#5
2-Fluorophenol
Concen: 120.602 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Tgt Ion:112 Resp: 278737

Ion	Ratio	Lower	Upper
112	100		
64	67.4	56.2	84.2
63	40.0	32.8	49.2



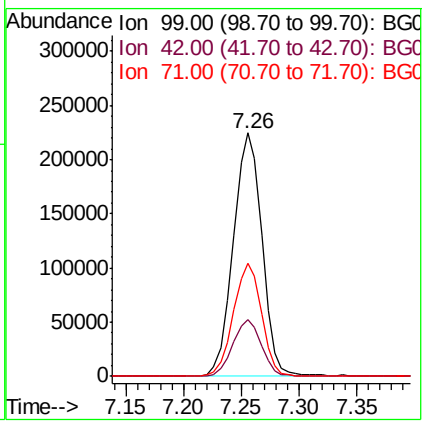


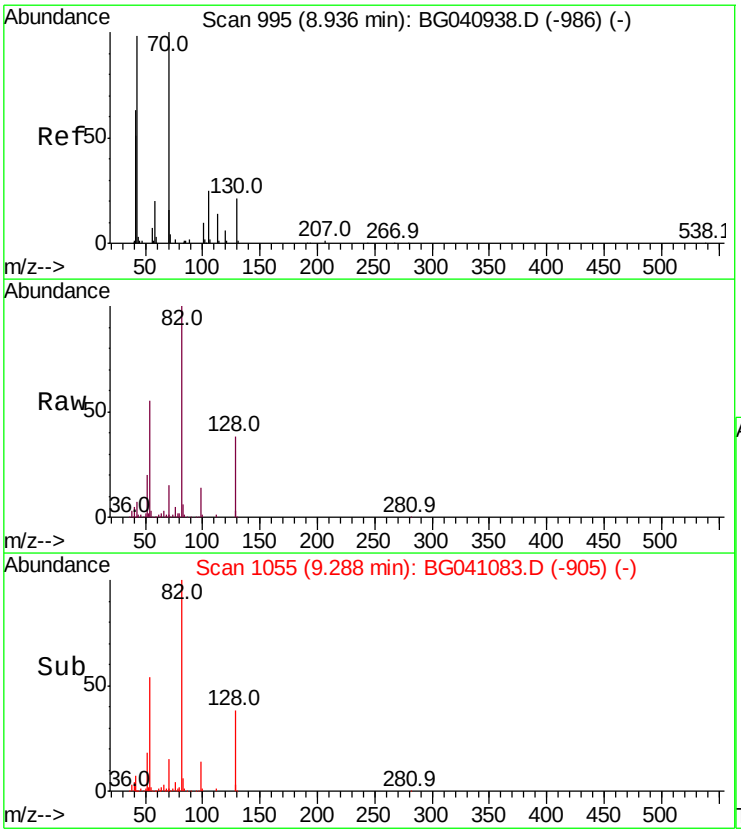
#7
Phenol-d6
Concen: 108.310 ng
RT: 7.26 min Scan# 709
Delta R.T. -0.01 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Instrument :
BNA_G
ClientSampleId :
PB120328BL

Tgt Ion: 99 Resp: 386604

Ion	Ratio	Lower	Upper
99	100		
42	23.4	17.9	26.9
71	46.6	35.4	53.0

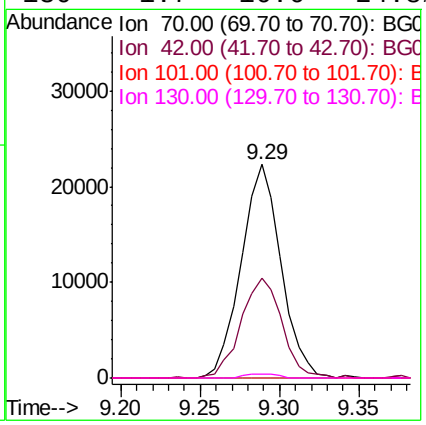


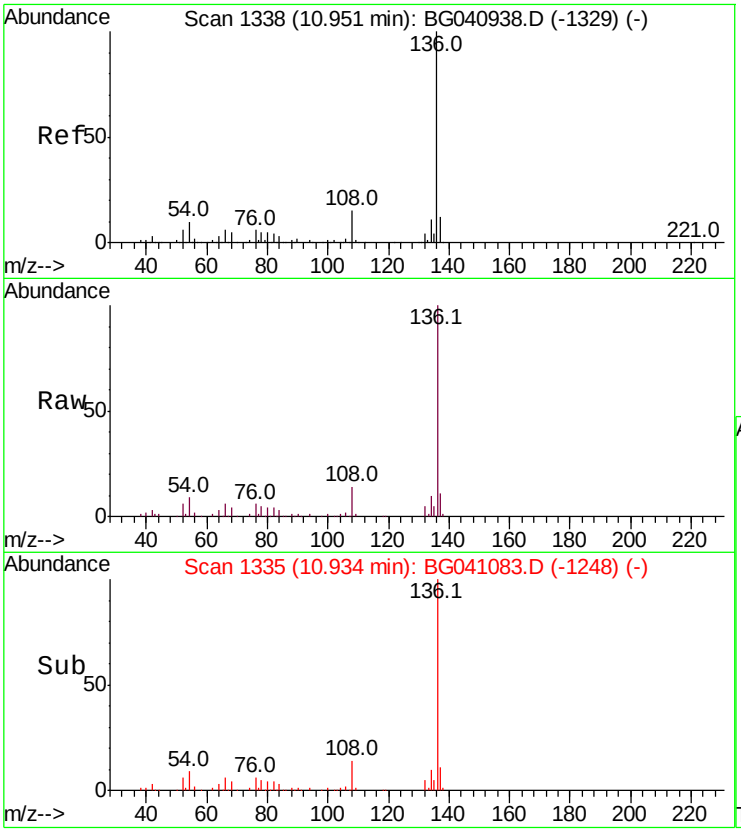


#19
n-Nitroso-di-n-propylamine
Concen: 14.176 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.35 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Tgt Ion: 70 Resp: 38940

Ion	Ratio	Lower	Upper
70	100		
42	46.7	51.5	77.3#
101	0.0	8.1	12.1#
130	1.7	16.6	24.8#



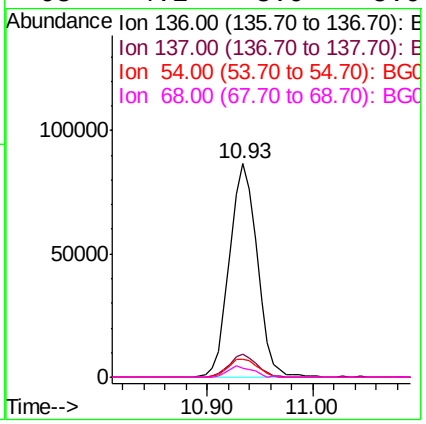


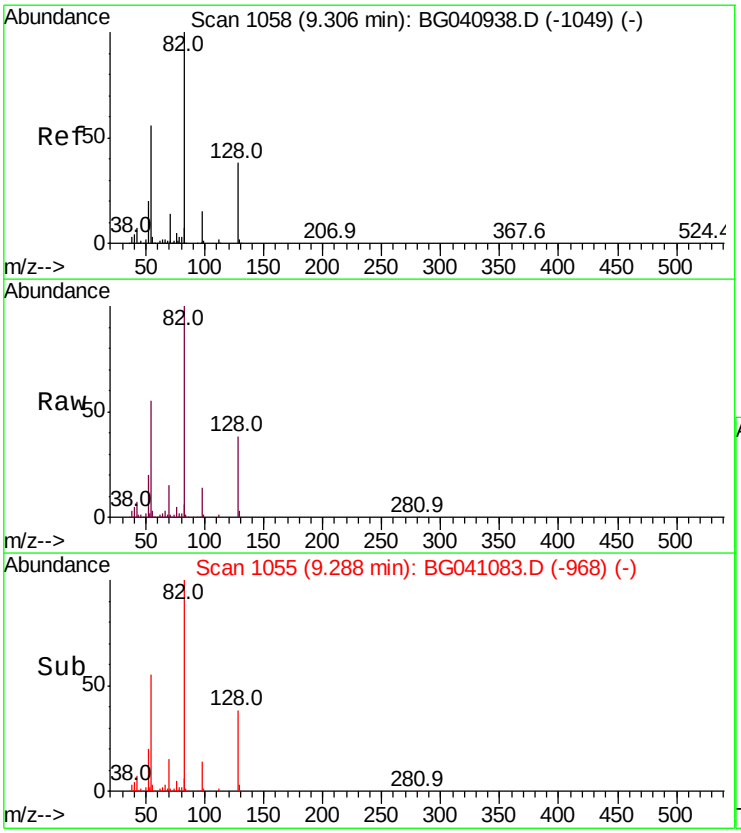
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Instrument :
BNA_G
ClientSampleId :
PB120328BL

Tgt Ion:136 Resp: 157280

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.5	14.3
54	8.5	7.6	11.4
68	4.2	3.9	5.9

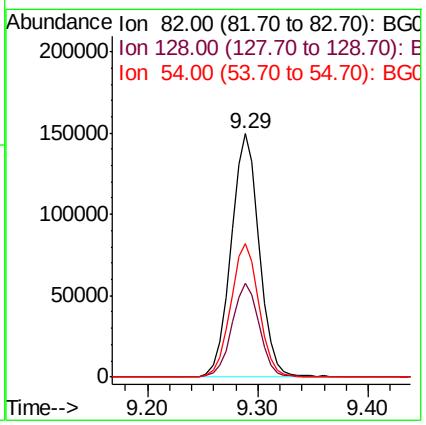


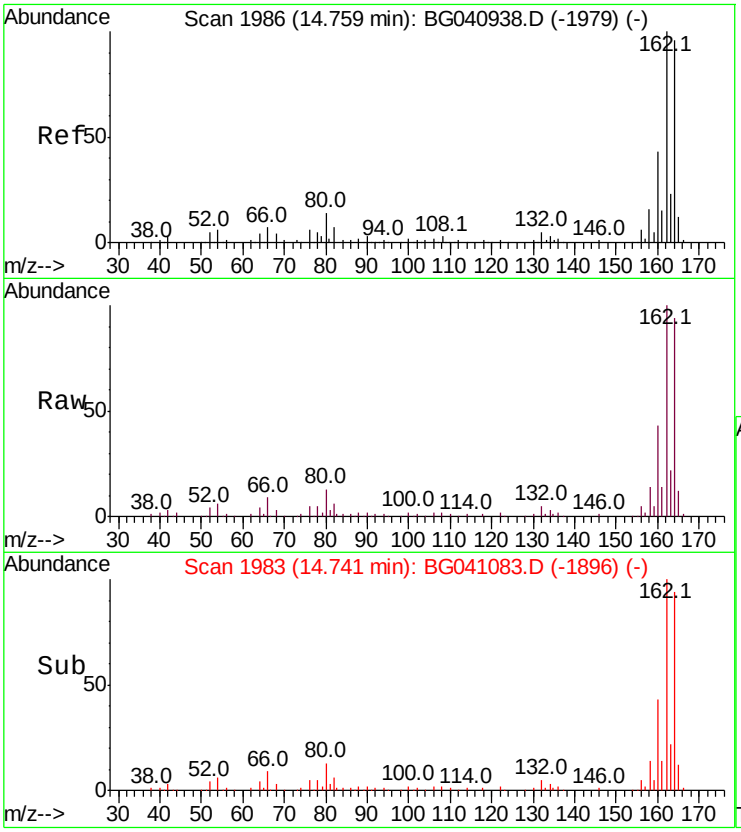


#23
Nitrobenzene-d5
Concen: 75.301 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Tgt Ion: 82 Resp: 266780

Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.5	45.7
54	54.7	44.6	66.8



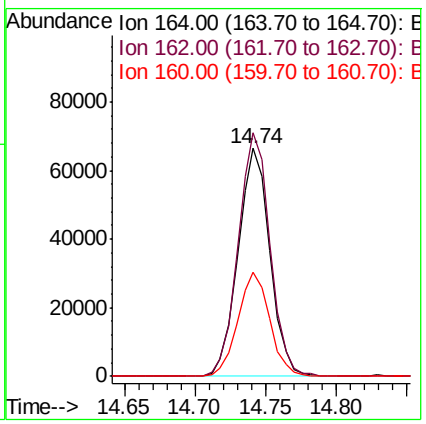


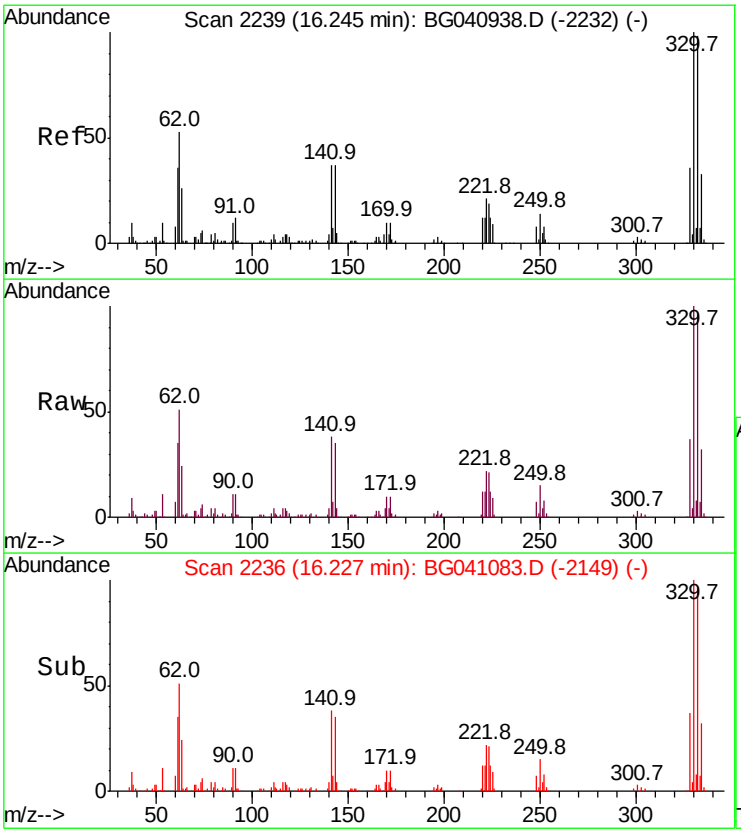
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Instrument :
BNA_G
ClientSampleId :
PB120328BL

Tgt Ion:164 Resp: 104521

Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.0	124.4
160	45.7	35.6	53.4

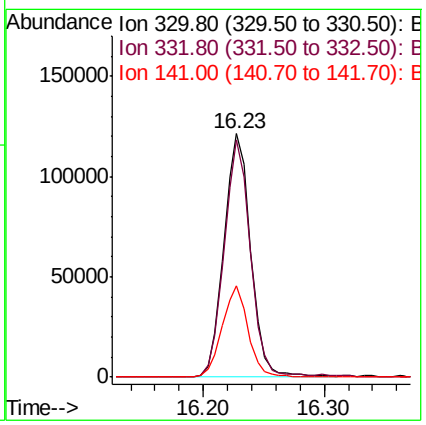


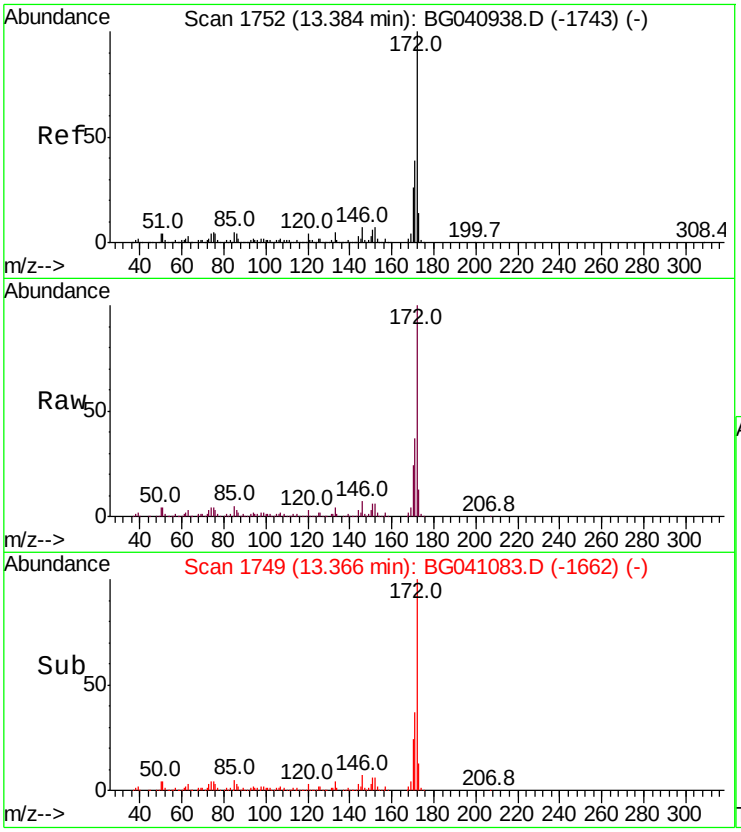


#42
2,4,6-Tribromophenol
Concen: 120.381 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Tgt Ion:330 Resp: 186794

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.5	117.7
141	36.2	28.7	43.1



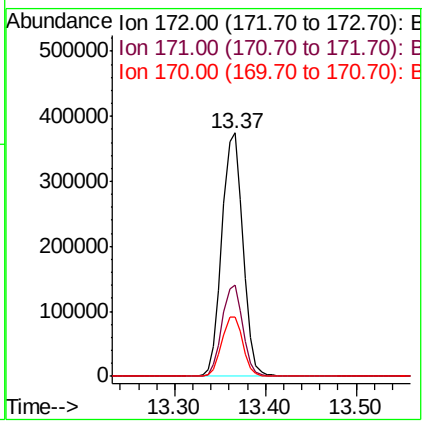


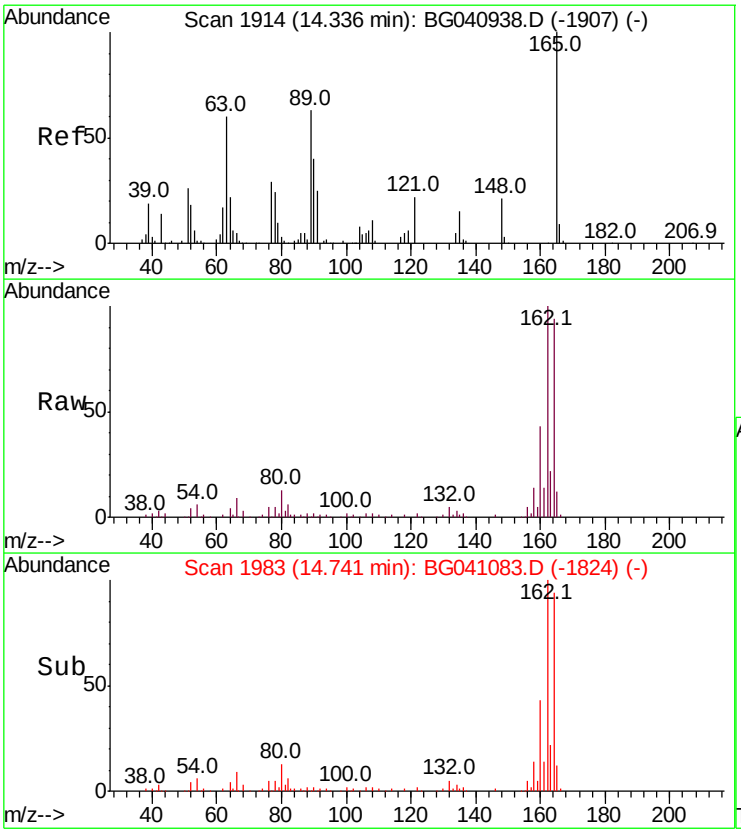
#45
2-Fluorobiphenyl
Concen: 83.075 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Instrument :
BNA_G
ClientSampleId :
PB120328BL

Tgt Ion:172 Resp: 602944

Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.1	46.7
170	24.4	20.5	30.7

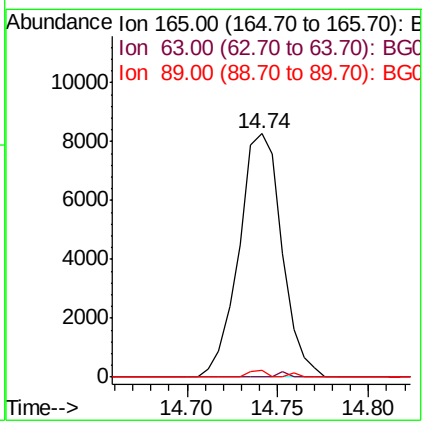


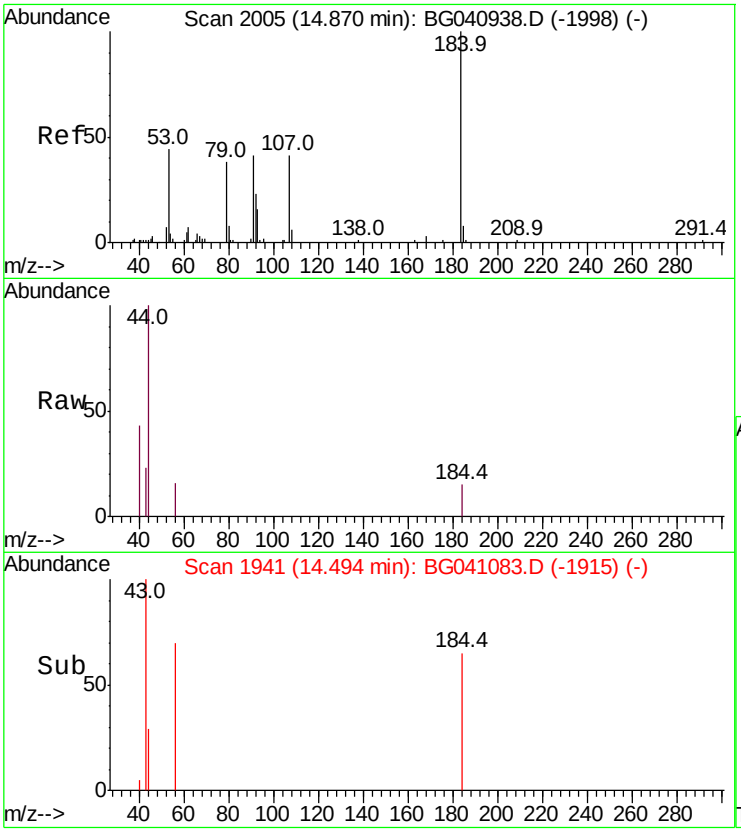


#51
2,6-Dinitrotoluene
Concen: 7.137 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.41 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Tgt Ion:165 Resp: 13614

Ion	Ratio	Lower	Upper
165	100		
63	0.0	53.6	80.4#
89	2.8	50.4	75.6#



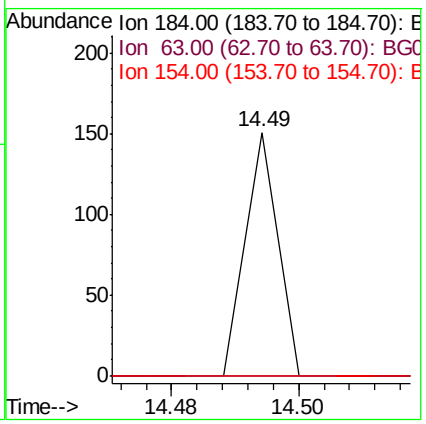


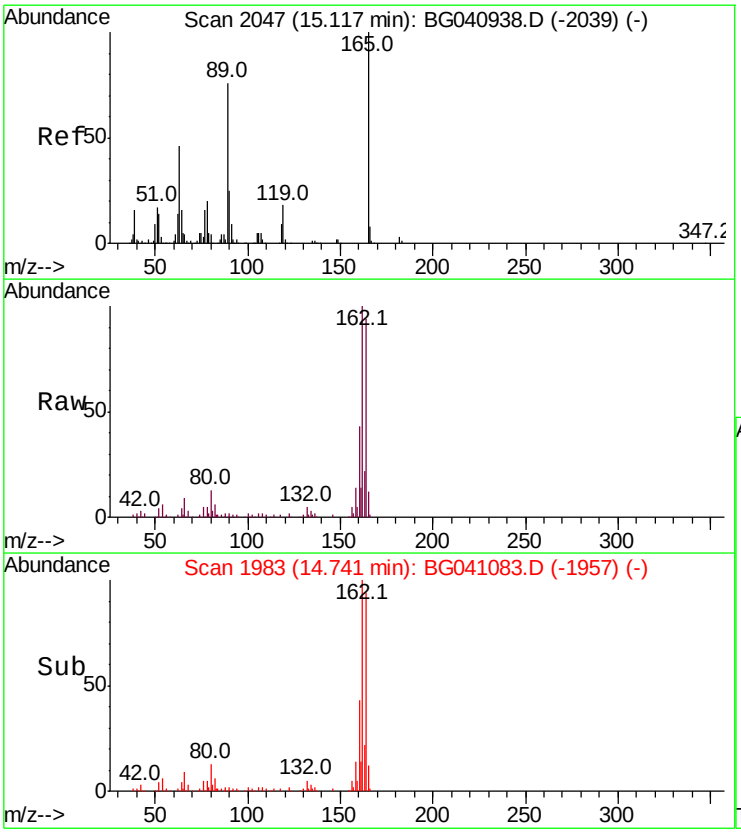
#54
2,4-Dinitrophenol
Concen: 8.318 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.38 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Instrument :
BNA_G
ClientSampleId :
PB120328BL

Tgt Ion:184 Resp: 53

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

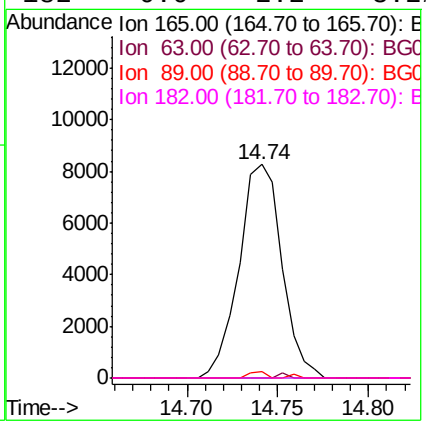


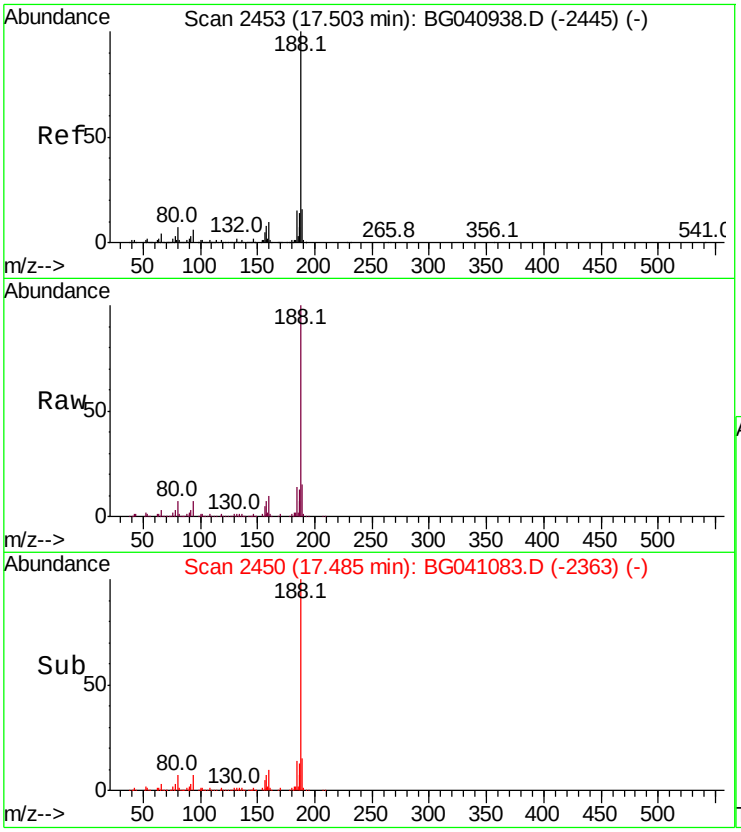


#57
2,4-Dinitrotoluene
Concen: 5.052 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.38 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Tgt Ion:165 Resp: 13614

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	2.8	61.0	91.6#
182	0.0	2.2	3.2#



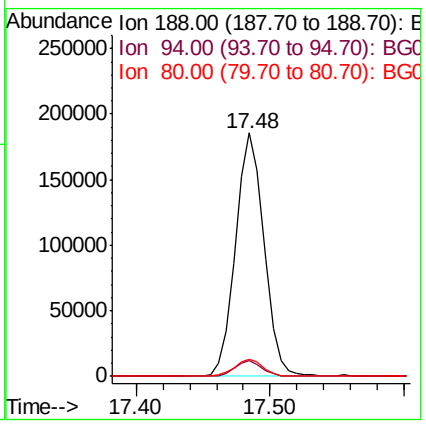


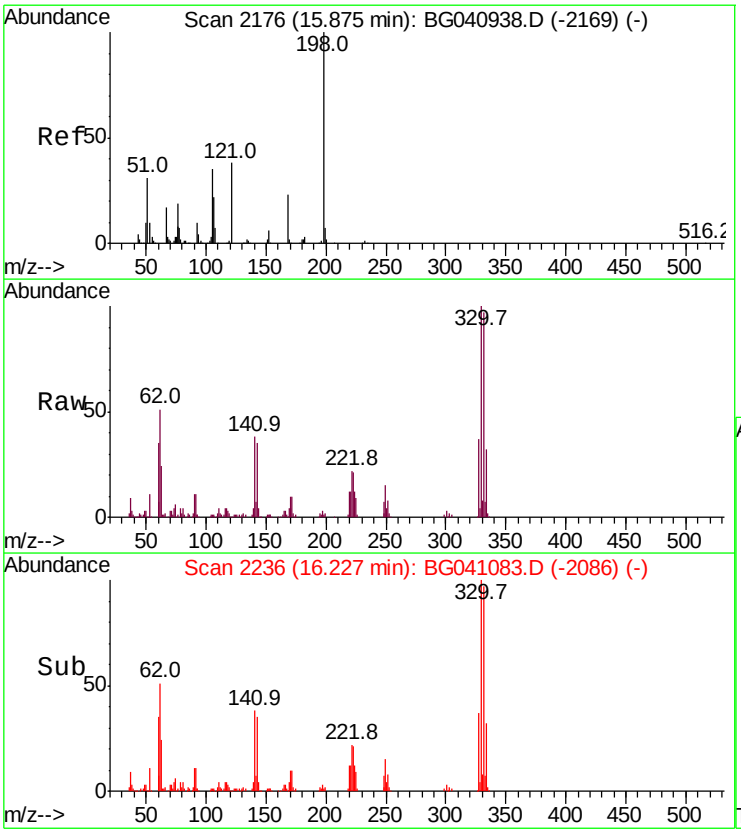
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Instrument :
BNA_G
ClientSampleId :
PB120328BL

Tgt Ion:188 Resp: 273488

Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.7	7.1
80	7.2	5.8	8.8

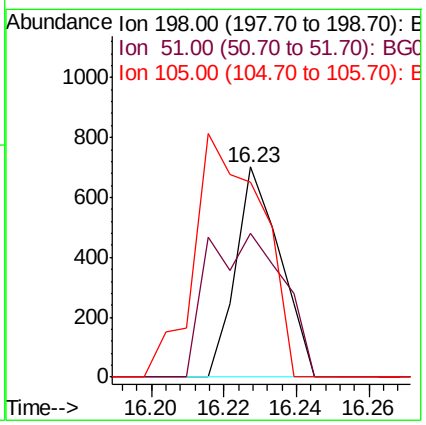


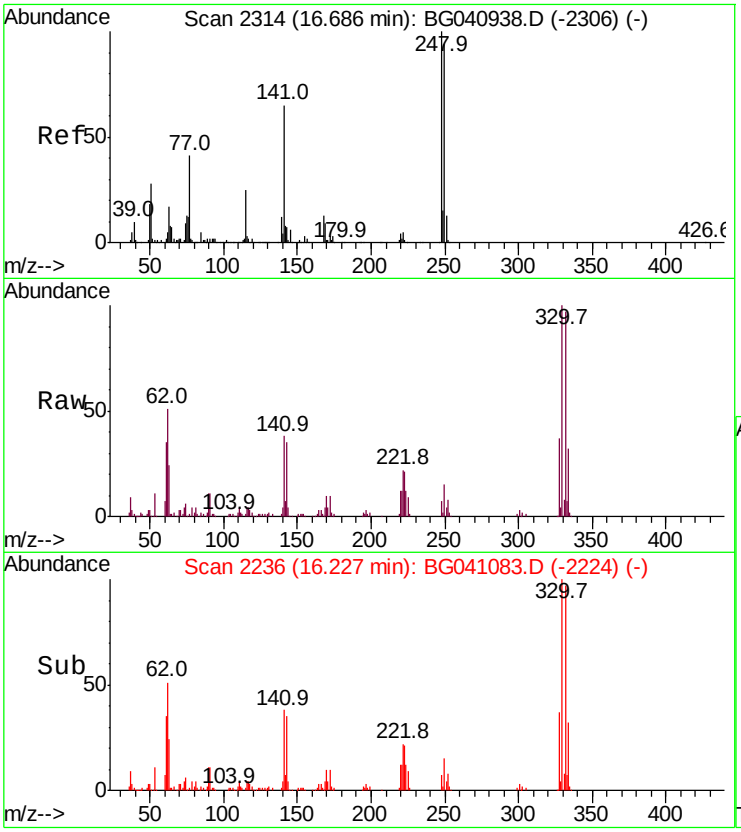


#65
4,6-Dinitro-2-methylphenol
Concen: 8.924 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.35 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Tgt Ion:198 Resp: 597

Ion	Ratio	Lower	Upper
198	100		
51	68.5	21.6	61.6#
105	92.9	17.5	57.5#



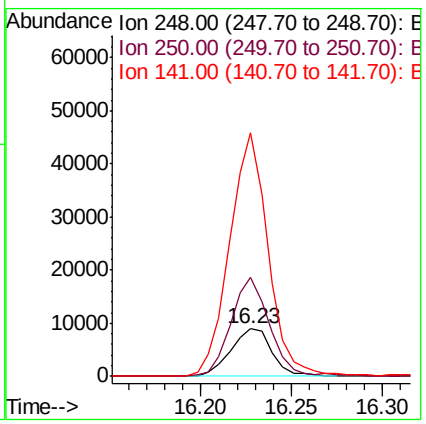


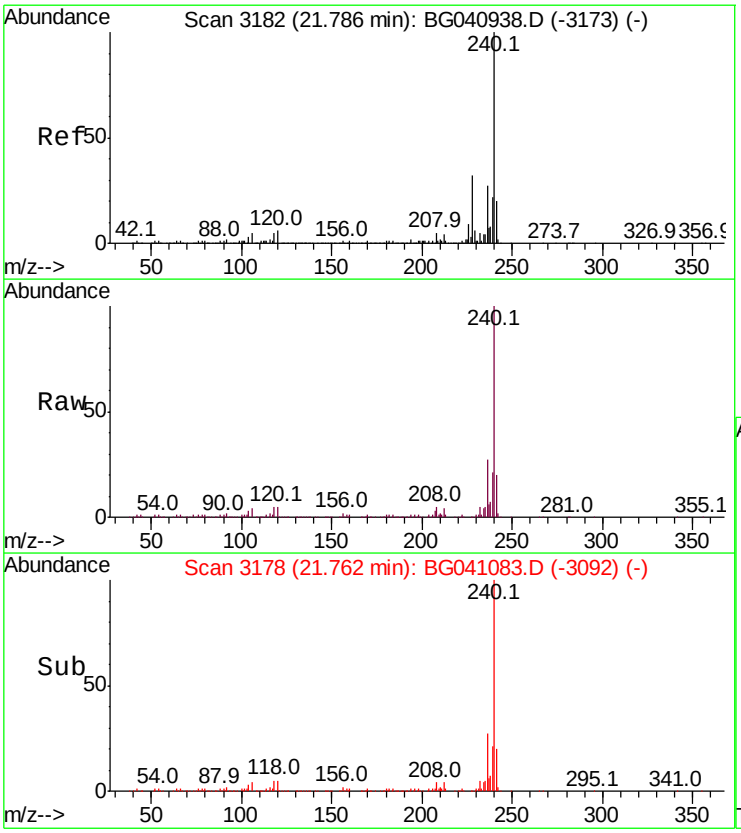
#67
4-Bromophenyl-phenylether
Concen: 3.803 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.46 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Instrument :
BNA_G
ClientSampleId :
PB120328BL

Tgt Ion:248 Resp: 14038

Ion	Ratio	Lower	Upper
248	100		
250	207.4	75.0	112.4#
141	510.3	52.4	78.6#

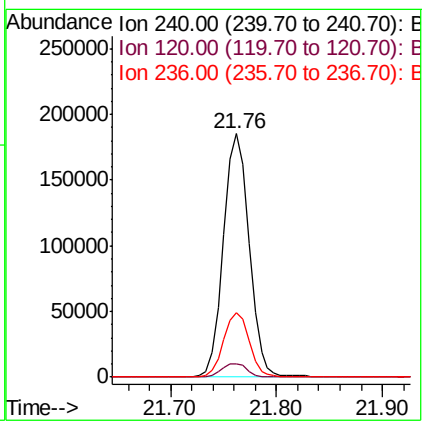


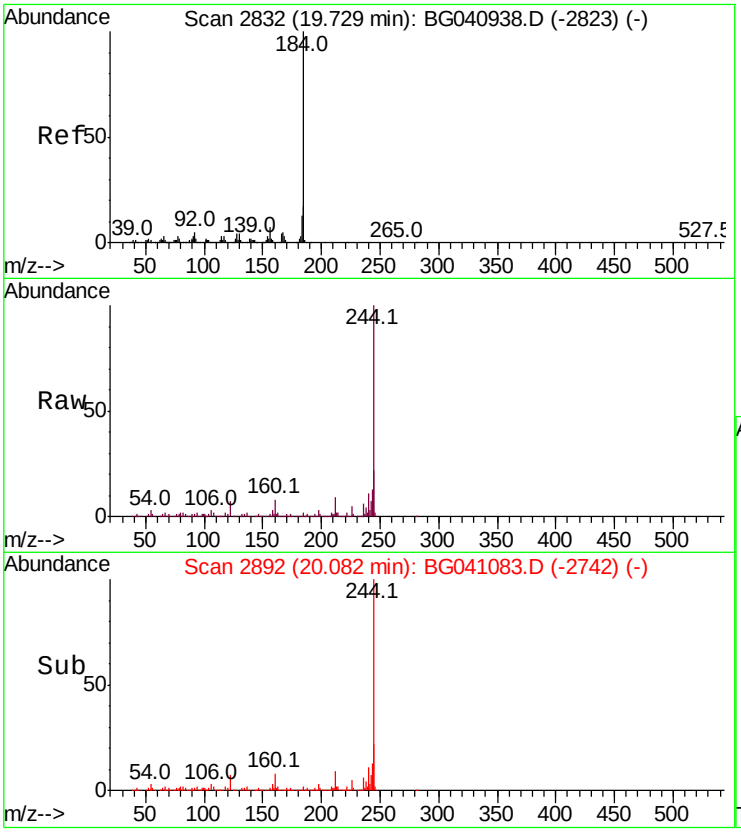


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.02 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Tgt Ion:240 Resp: 313005

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.5	6.7
236	26.7	21.3	31.9



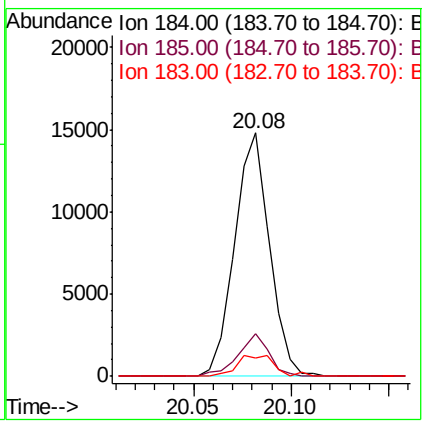


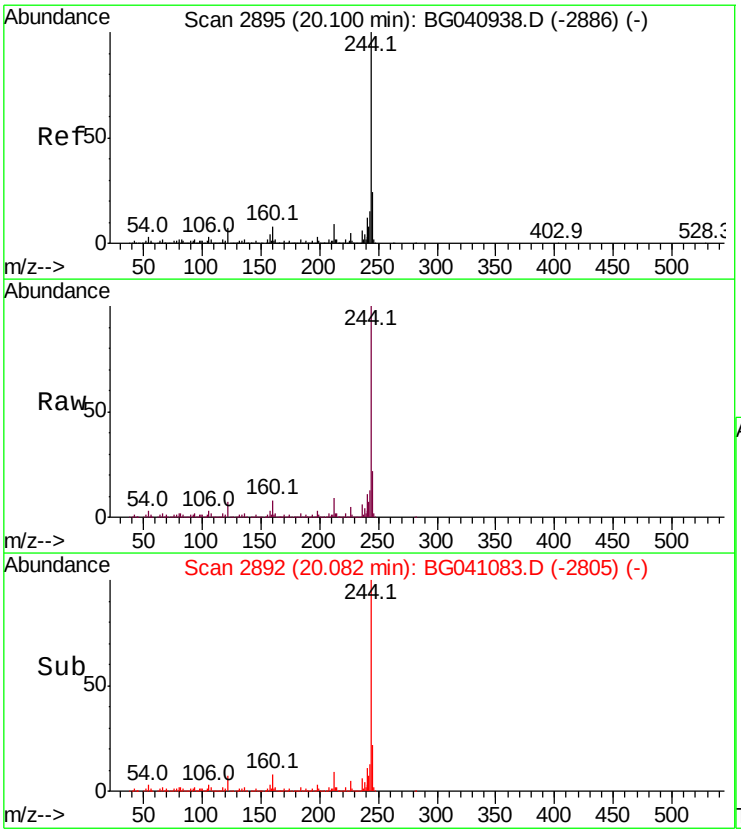
#77
Benzidine
Concen: 2.444 ng
RT: 20.08 min Scan# 2892
Delta R.T. 0.35 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Instrument :
BNA_G
ClientSampleId :
PB120328BL

Tgt Ion:184 Resp: 18251

Ion	Ratio	Lower	Upper
184	100		
185	17.3	13.3	19.9
183	7.7	10.7	16.1#

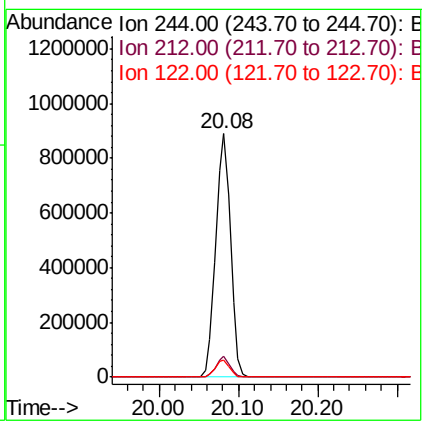


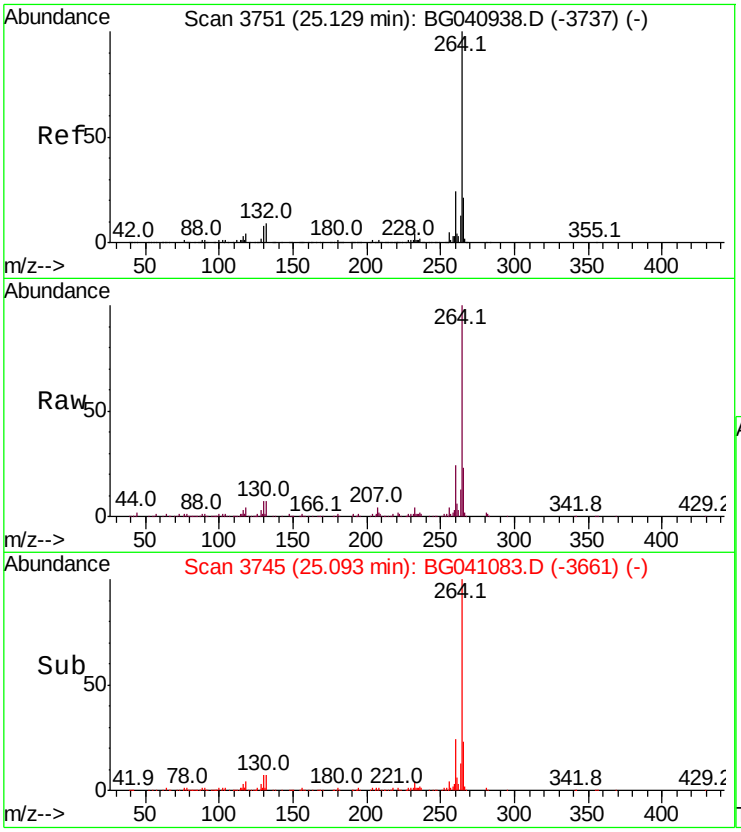


#79
Terphenyl-d14
Concen: 78.071 ng
RT: 20.08 min Scan# 2892
Delta R.T. -0.02 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Tgt Ion:244 Resp: 1151397

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	6.8	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3745
Delta R.T. -0.04 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Instrument :
BNA_G
ClientSampleId :
PB120328BL

Tgt Ion:264 Resp: 329666

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	23.3	17.0	25.4