Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
Data File : BG041161.D
Acq On : 10 Jun 2019 12:18
Operator : HP/JU
Sample : K3233-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS043MW014-190605

Quant Time: Jun 11 03:47:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	40330	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	163893	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	123787	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	314201	20.00	ng	0.00
76) Chrysene-d12	21.76	240	318973	20.00	ng	0.00
87) Perylene-d12	25.08	264	332245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	41012	18.34	ng	0.01
7) Phenol-d6	7.25	99	42289	12.24	ng	0.00
23) Nitrobenzene-d5	9.28	82	296988	80.45	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	59	0.03	ng	0.01
45) 2-Fluorobiphenyl	13.36	172	783035	91.10	ng	0.00
79) Terphenyl-d14	20.07	244	1403506	93.38	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	42626	16.036	ng	# 74
57) 2,4-Dinitrotoluene	14.73	165	15986	5.009	ng	# 21
77) Benzidine	20.07	184	23794	3.127	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
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Operator : HP/JU
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Misc :
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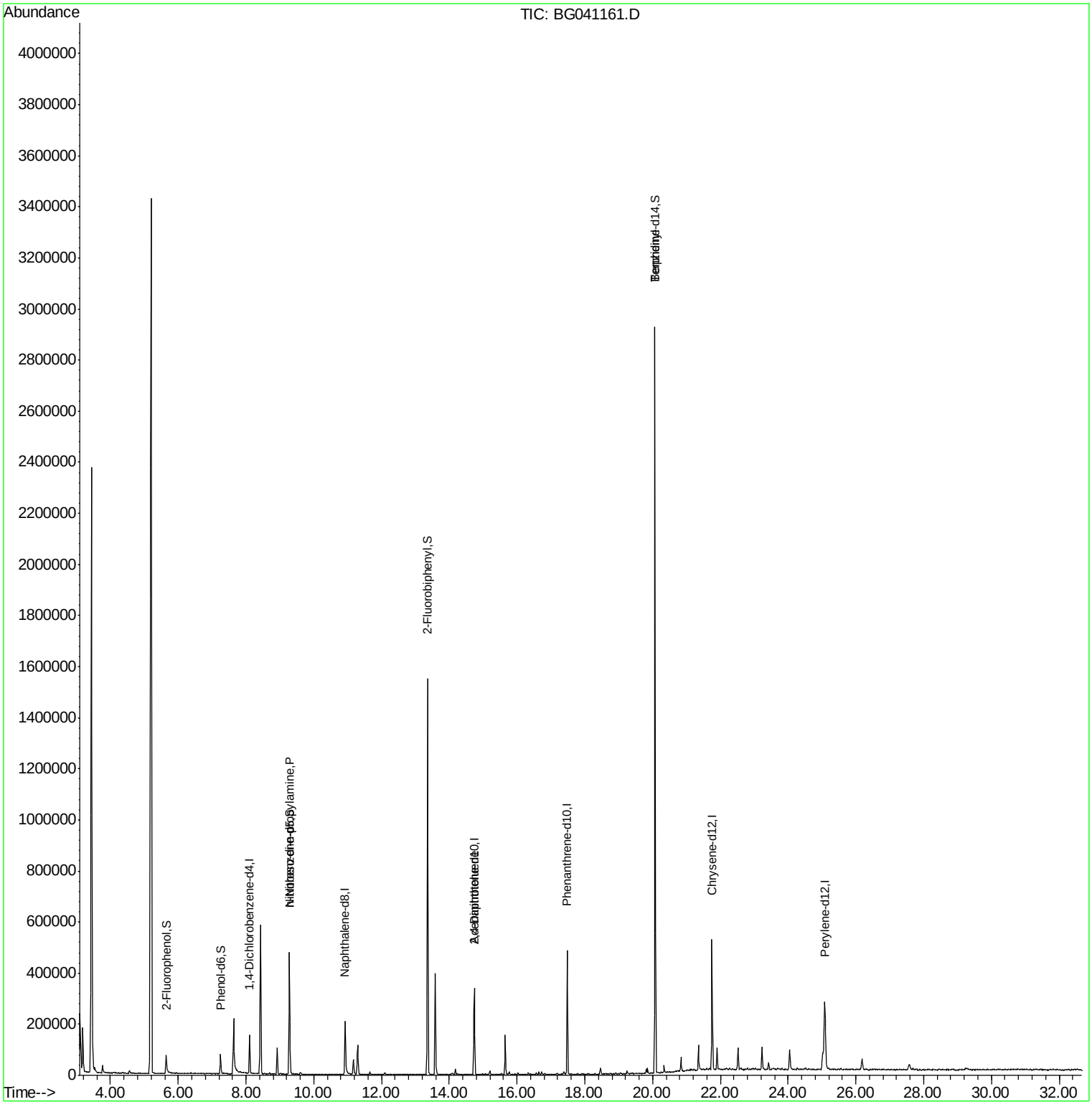
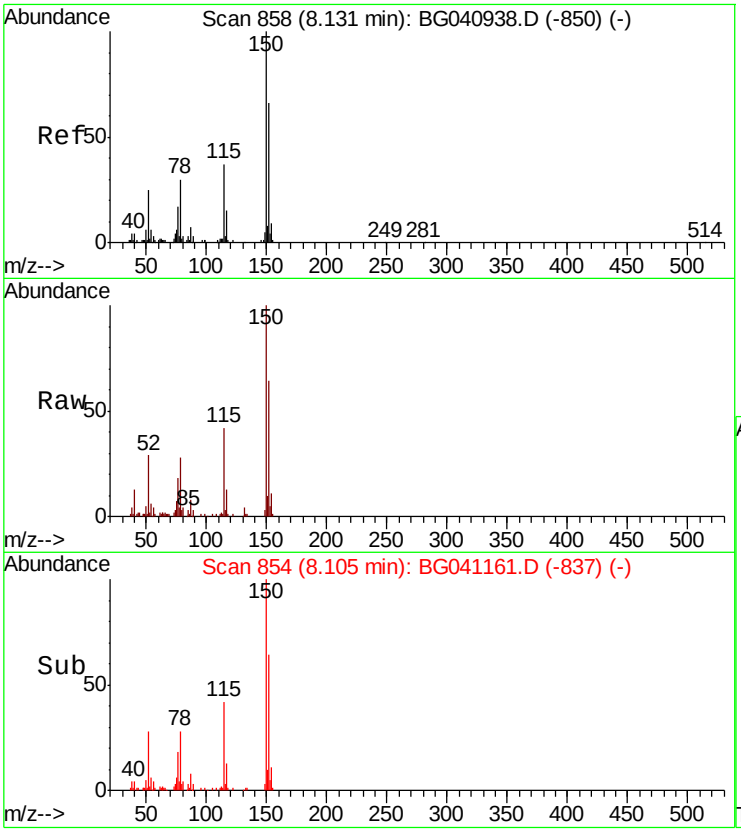


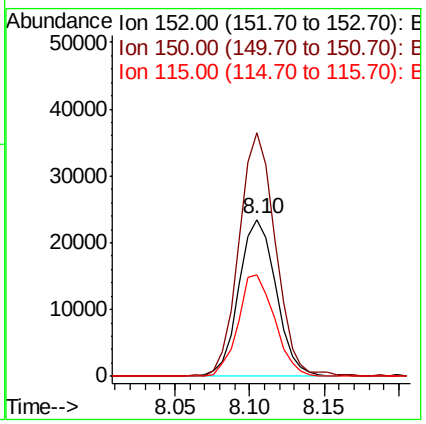


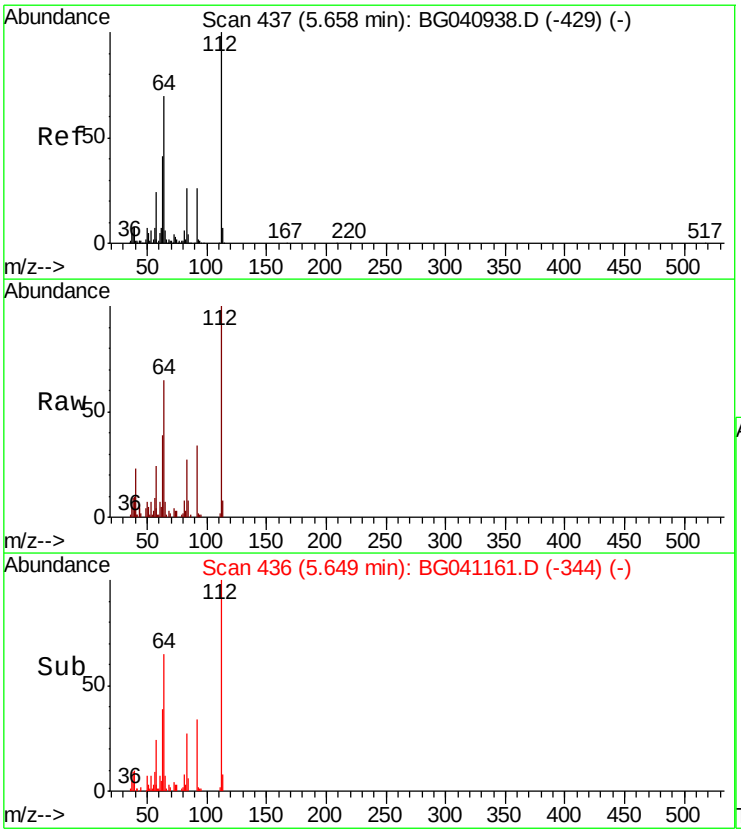
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Instrument :
BNA_G
ClientSampleId :
SS043MW014-190605

Tgt Ion:152 Resp: 40330

Ion	Ratio	Lower	Upper
152	100		
150	155.4	120.6	180.8
115	64.7	45.1	67.7

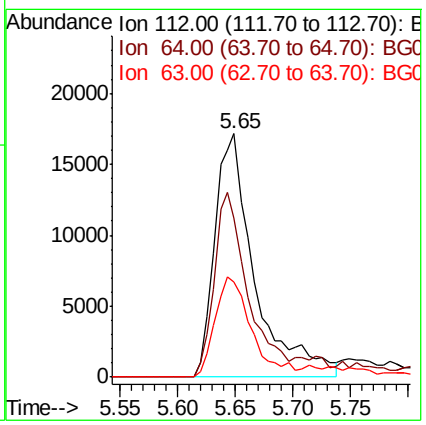


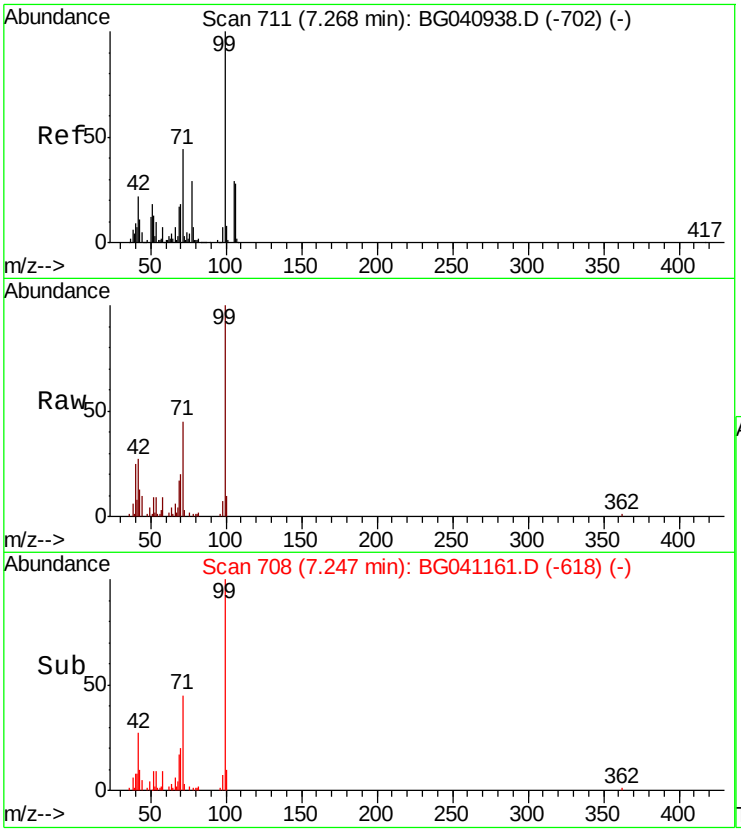


#5
2-Fluorophenol
Concen: 18.337 ng
RT: 5.65 min Scan# 436
Delta R.T. 0.01 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Tgt Ion:112 Resp: 41012

Ion	Ratio	Lower	Upper
112	100		
64	65.2	56.2	84.2
63	39.2	32.8	49.2



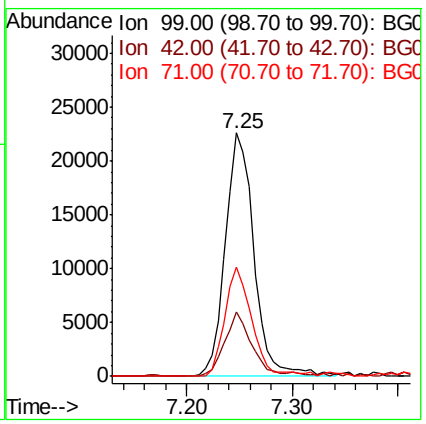


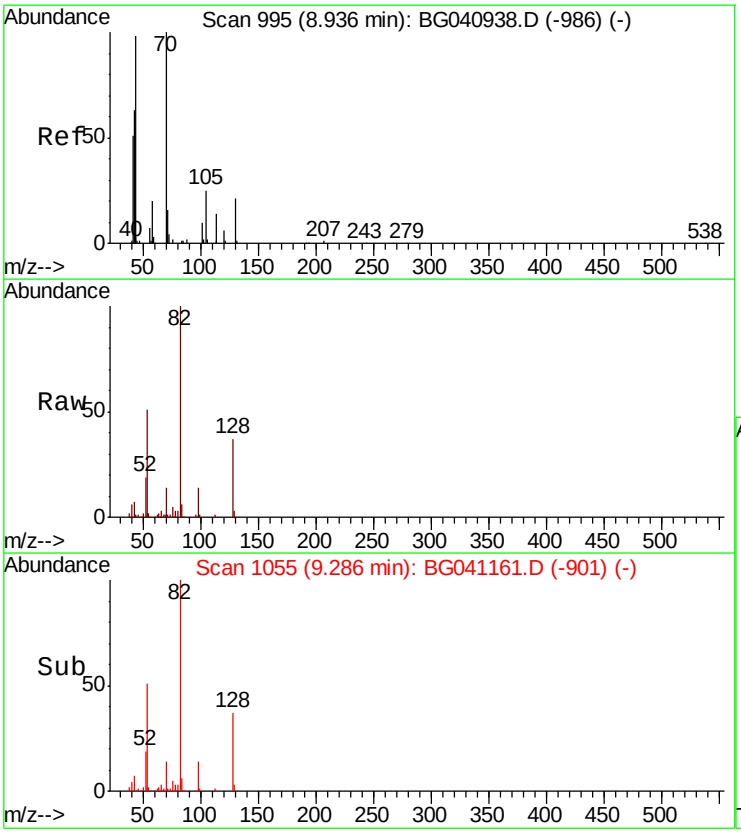
#7
Phenol-d6
Concen: 12.243 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Instrument :
BNA_G
ClientSampleId :
SS043MW014-190605

Tgt Ion: 99 Resp: 42289

Ion	Ratio	Lower	Upper
99	100		
42	26.6	17.9	26.9
71	44.8	35.4	53.0

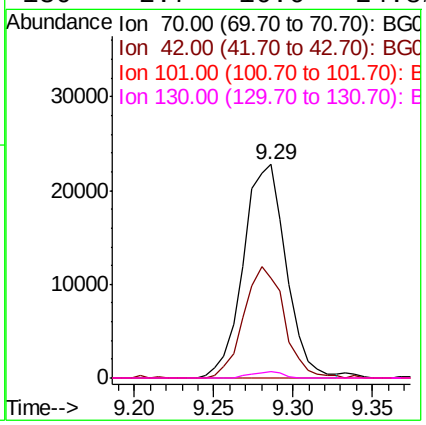


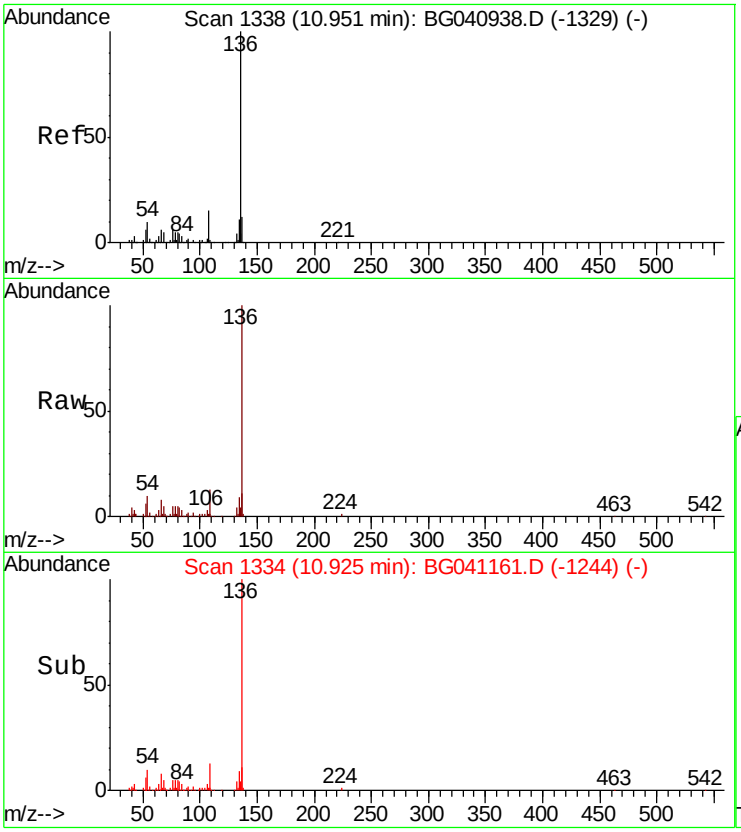


#19
n-Nitroso-di-n-propylamine
Concen: 16.036 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.38 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Tgt Ion: 70 Resp: 42626

Ion	Ratio	Lower	Upper
70	100		
42	47.0	51.5	77.3#
101	0.0	8.1	12.1#
130	2.7	16.6	24.8#



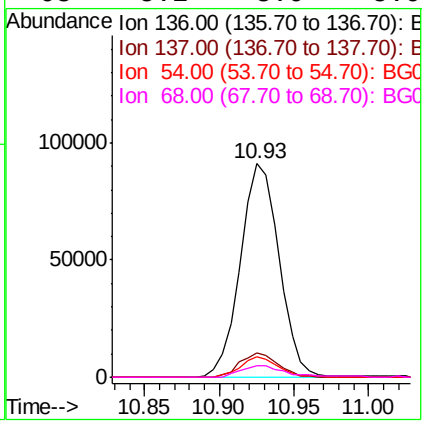


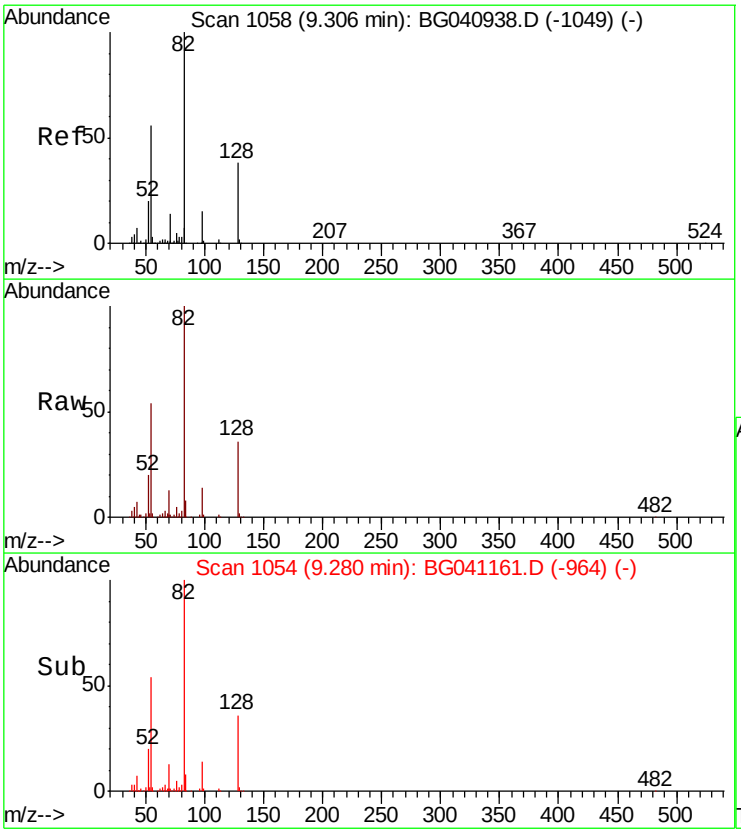
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Instrument :
BNA_G
ClientSampleId :
SS043MW014-190605

Tgt Ion:136 Resp: 163893

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	9.5	7.6	11.4
68	5.2	3.9	5.9

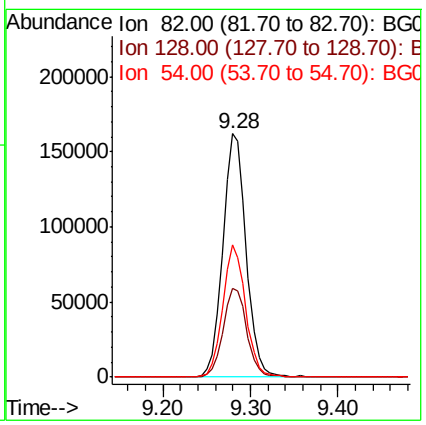


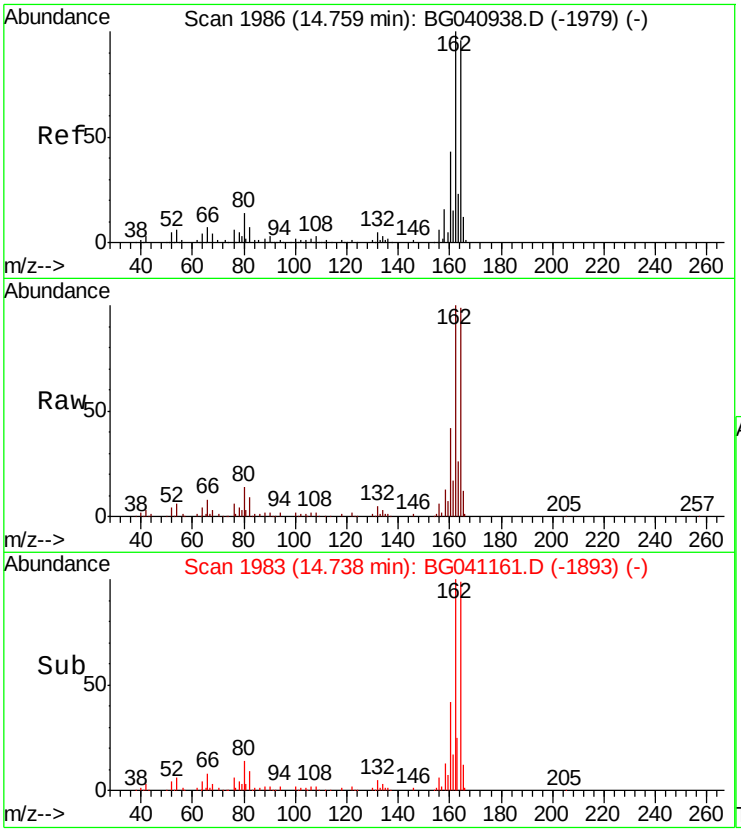


#23
Nitrobenzene-d5
Concen: 80.445 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Tgt Ion: 82 Resp: 296988

Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.5	45.7
54	54.4	44.6	66.8



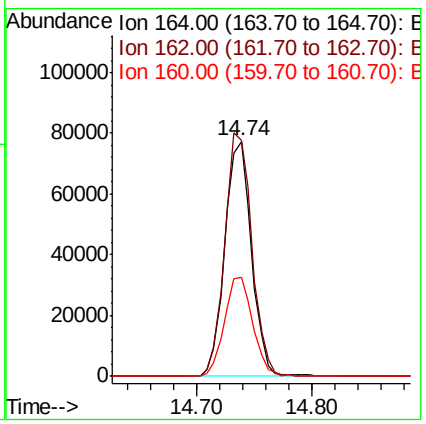


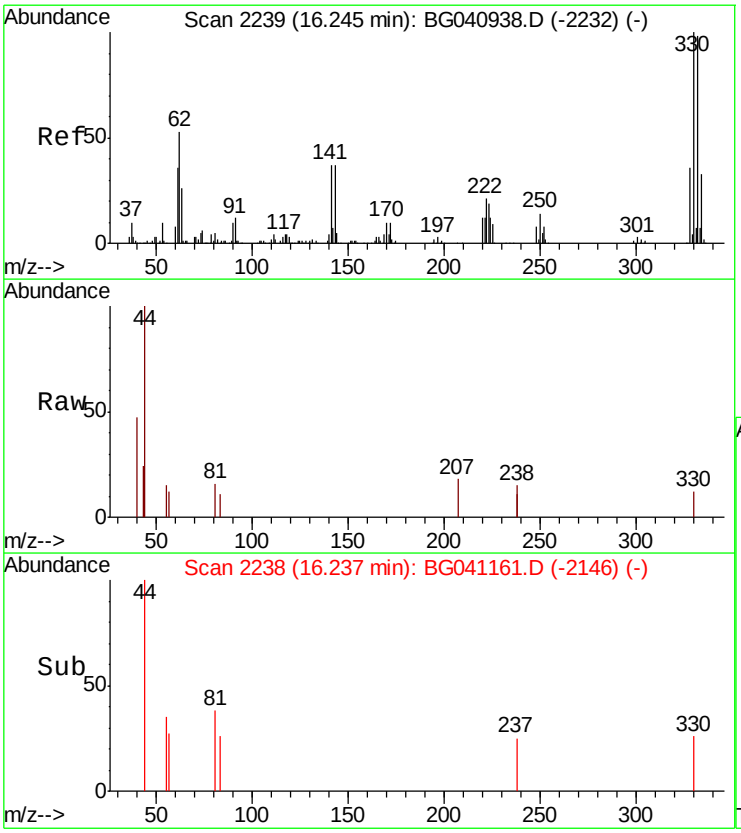
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Instrument :
BNA_G
ClientSampleId :
SS043MW014-190605

Tgt Ion:164 Resp: 123787

Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.0	124.4
160	42.4	35.6	53.4

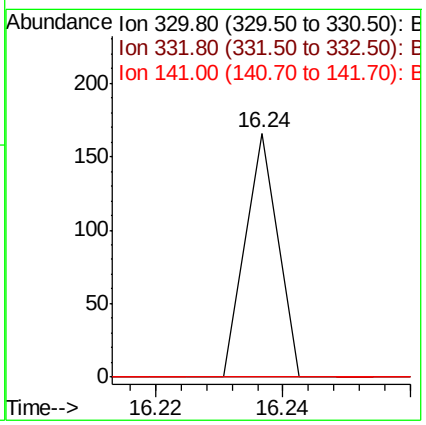


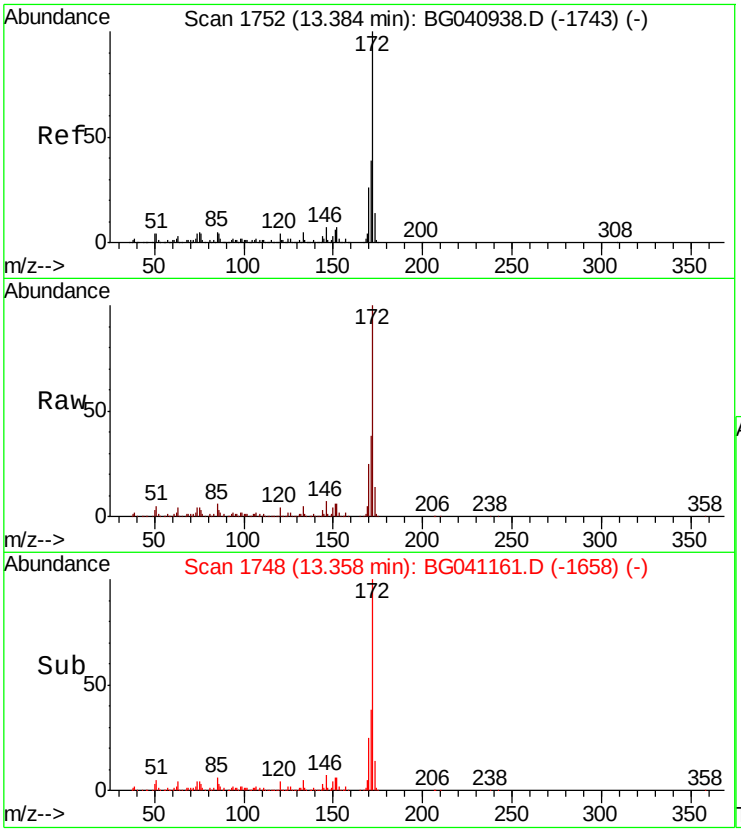


#42
2,4,6-Tribromophenol
Concen: 0.032 ng
RT: 16.24 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Tgt Ion:330 Resp: 59

Ion	Ratio	Lower	Upper
330	100		
332	0.0	78.5	117.7#
141	0.0	28.7	43.1#



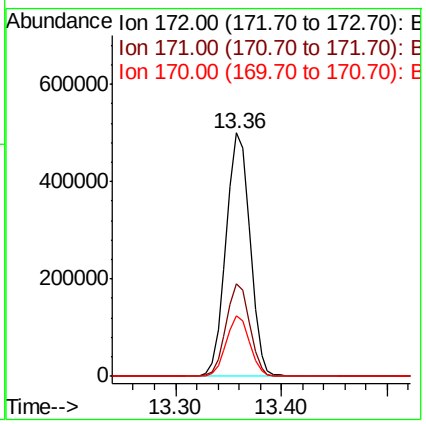


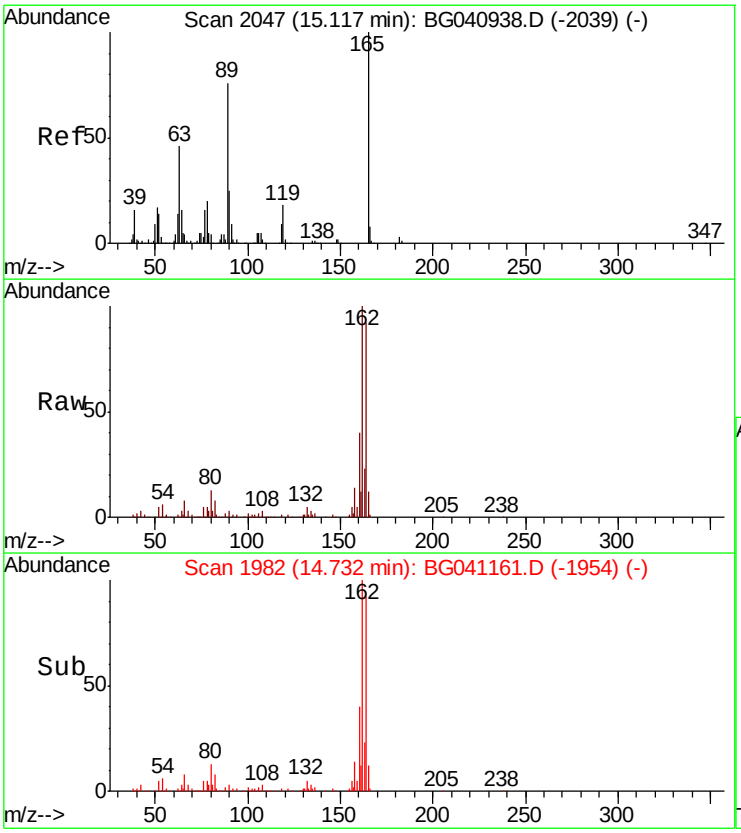
#45
2-Fluorobiphenyl
Concen: 91.096 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Instrument :
BNA_G
ClientSampleId :
SS043MW014-190605

Tgt Ion:172 Resp: 783035

Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.1	46.7
170	24.7	20.5	30.7

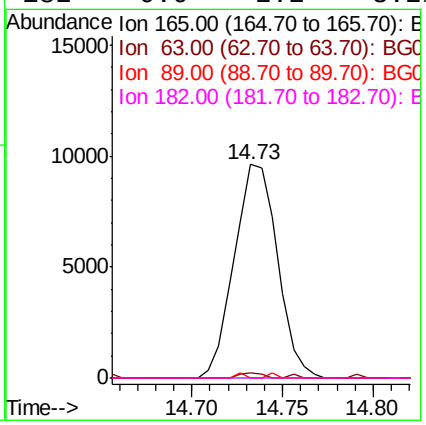


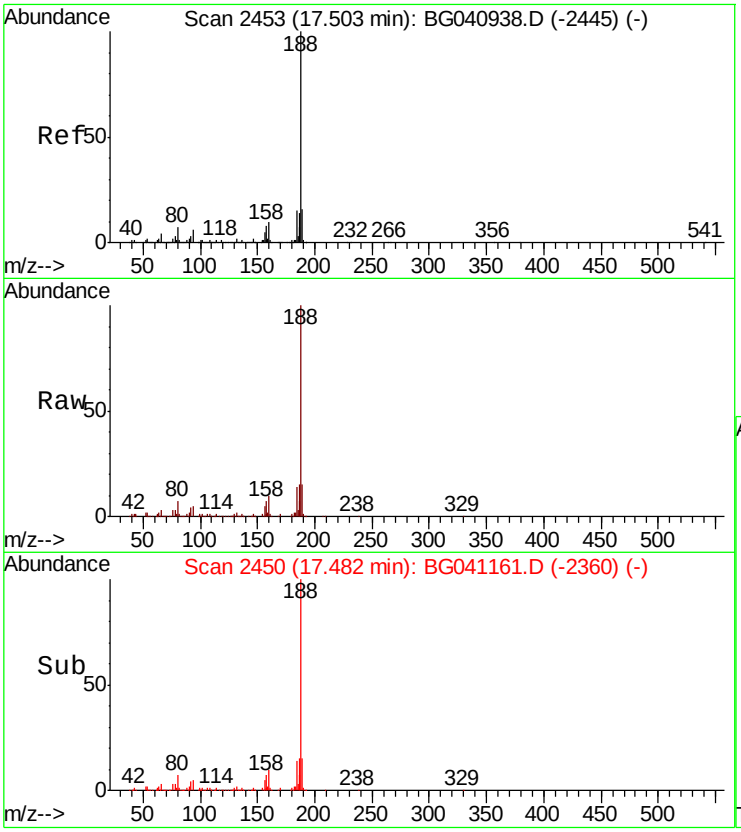


#57
2,4-Dinitrotoluene
Concen: 5.009 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.36 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Tgt Ion:165 Resp: 15986

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



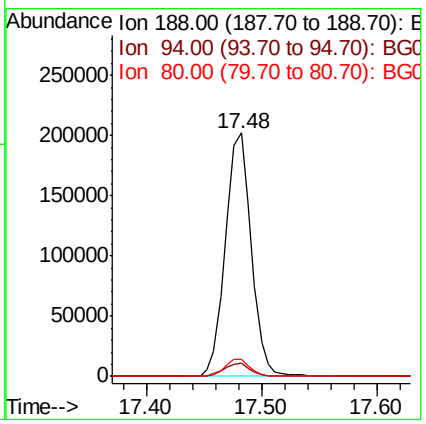


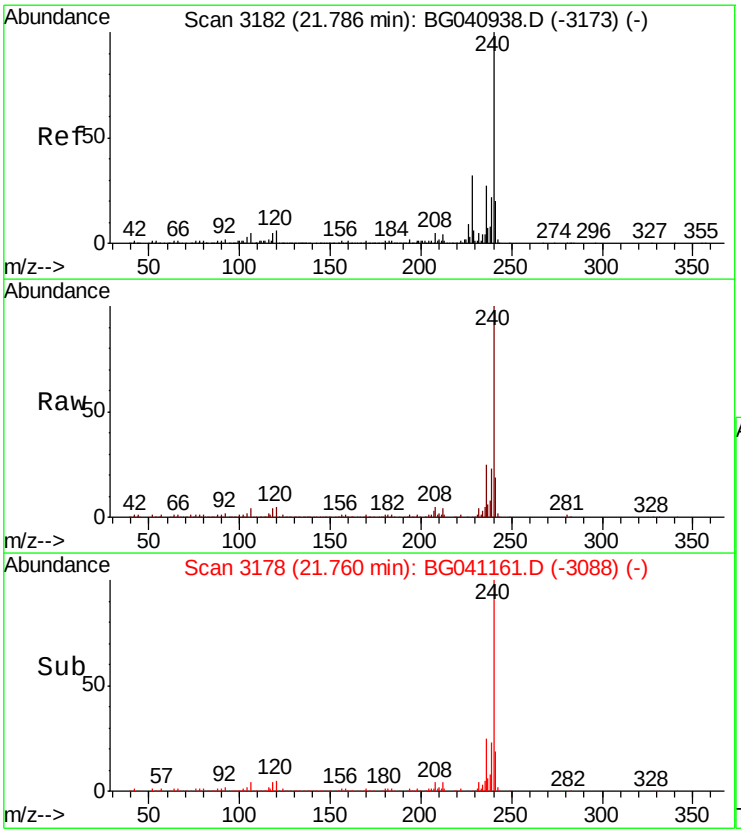
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Instrument :
BNA_G
ClientSampleId :
SS043MW014-190605

Tgt Ion:188 Resp: 314201

Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.7	7.1
80	7.3	5.8	8.8

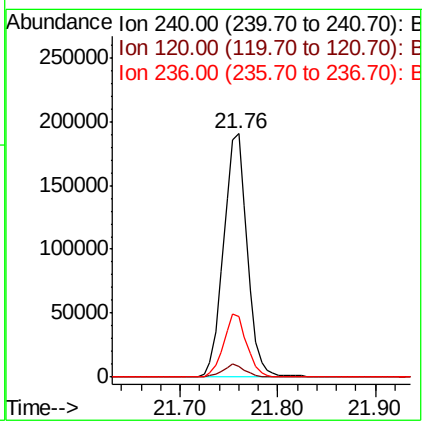


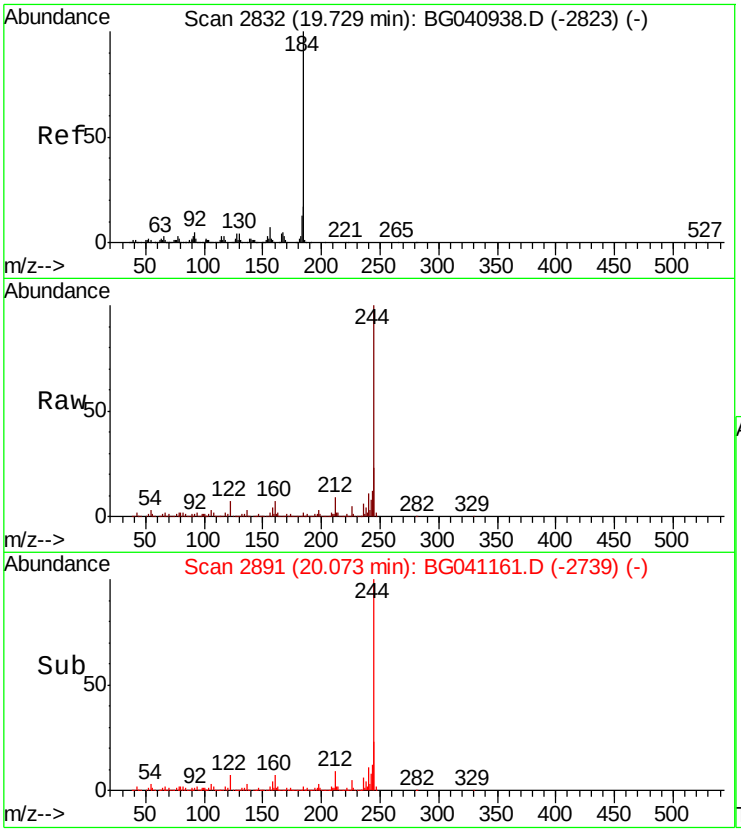


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Tgt Ion:240 Resp: 318973

Ion	Ratio	Lower	Upper
240	100		
120	4.6	4.5	6.7
236	24.7	21.3	31.9



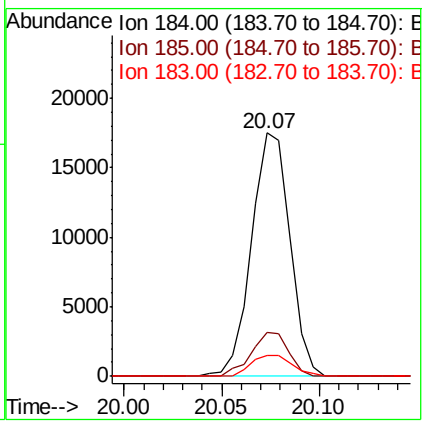


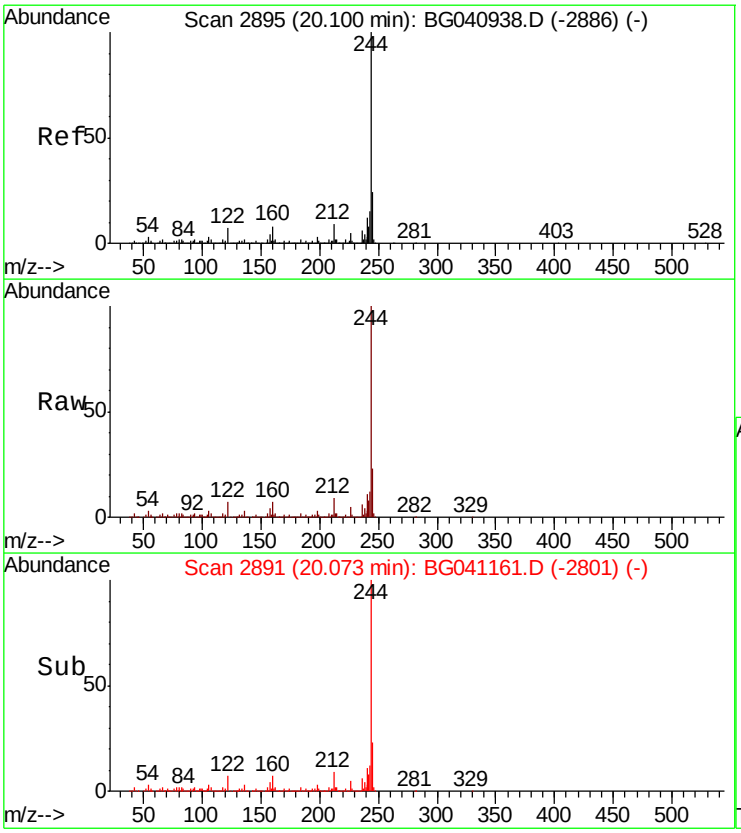
#77
Benzidine
Concen: 3.127 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.36 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Instrument :
BNA_G
ClientSampleId :
SS043MW014-190605

Tgt Ion:184 Resp: 23794

Ion	Ratio	Lower	Upper
184	100		
185	18.0	13.3	19.9
183	8.7	10.7	16.1#

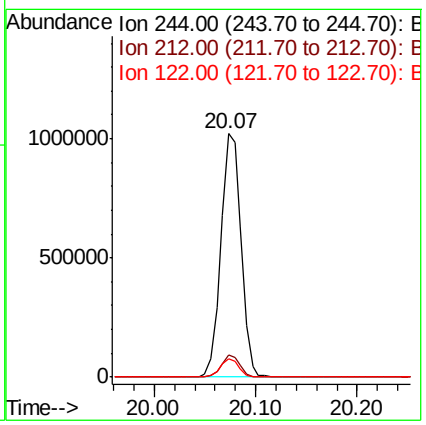


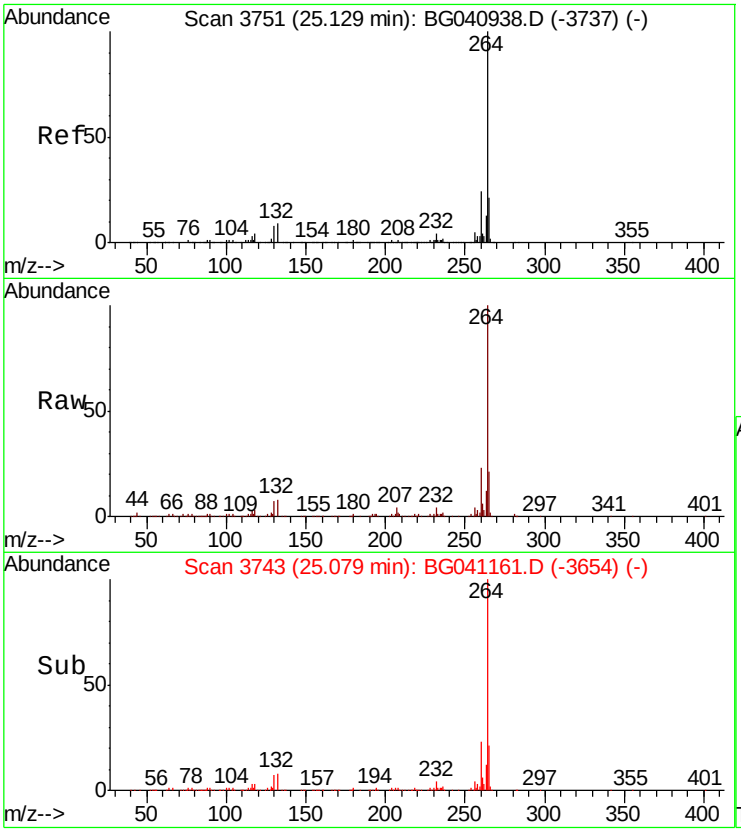


#79
Terphenyl-d14
Concen: 93.385 ng
RT: 20.07 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Tgt Ion:244 Resp: 1403506

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	7.3	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.01 min
Lab File: BG041161.D
Acq: 10 Jun 2019 12:18

Instrument :
BNA_G
ClientSampleId :
SS043MW014-190605

Tgt Ion:264 Resp: 332245

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	21.3	17.0	25.4