Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
Data File : BG041212.D
Acq On : 12 Jun 2019 18:50
Operator : HP/JU
Sample : PB120532BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120532BL

Quant Time: Jun 13 05:37:16 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	35212	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	145851	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	112831	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	285526	20.00	ng	0.00
76) Chrysene-d12	21.75	240	275376	20.00	ng	0.00
87) Perylene-d12	25.08	264	248529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	165863	84.94	ng	0.00
7) Phenol-d6	7.25	99	245609	81.44	ng	0.00
23) Nitrobenzene-d5	9.28	82	261947	79.73	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	126603	75.58	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	652849	83.33	ng	0.00
79) Terphenyl-d14	20.07	244	1093726	84.29	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	37530	16.171	ng	# 75
51) 2,6-Dinitrotoluene	14.73	165	14062	6.828	ng	# 18
57) 2,4-Dinitrotoluene	14.73	165	14062	4.834	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.22	198	166	8.679	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	8867	2.301	ng	# 1
77) Benzidine	20.07	184	17447	2.656	ng	# 90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
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Acq On : 12 Jun 2019 18:50
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
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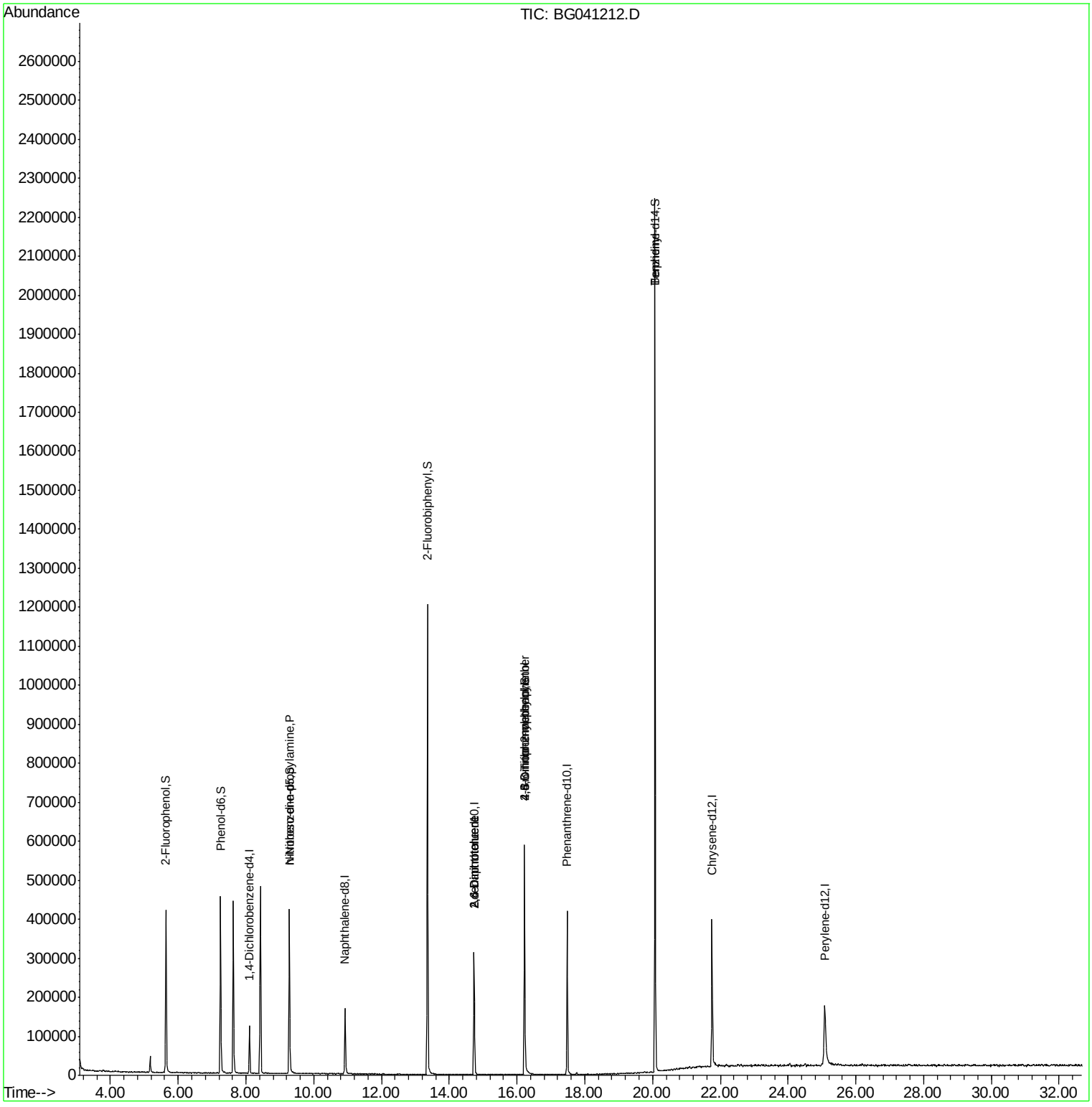
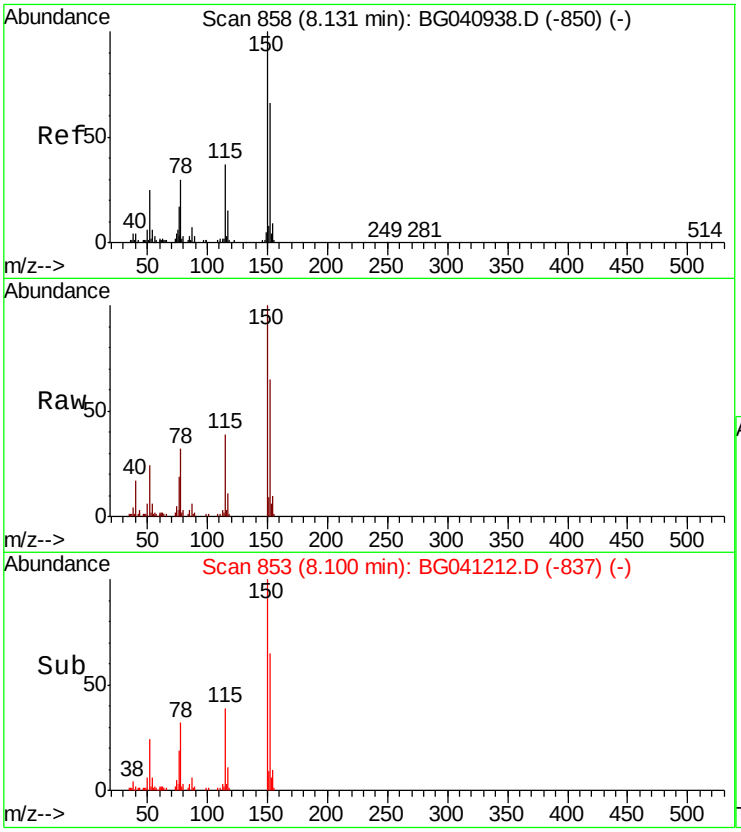


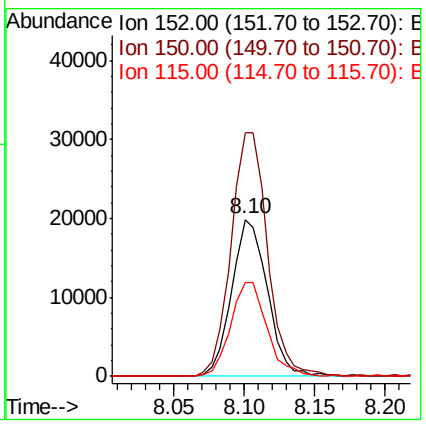


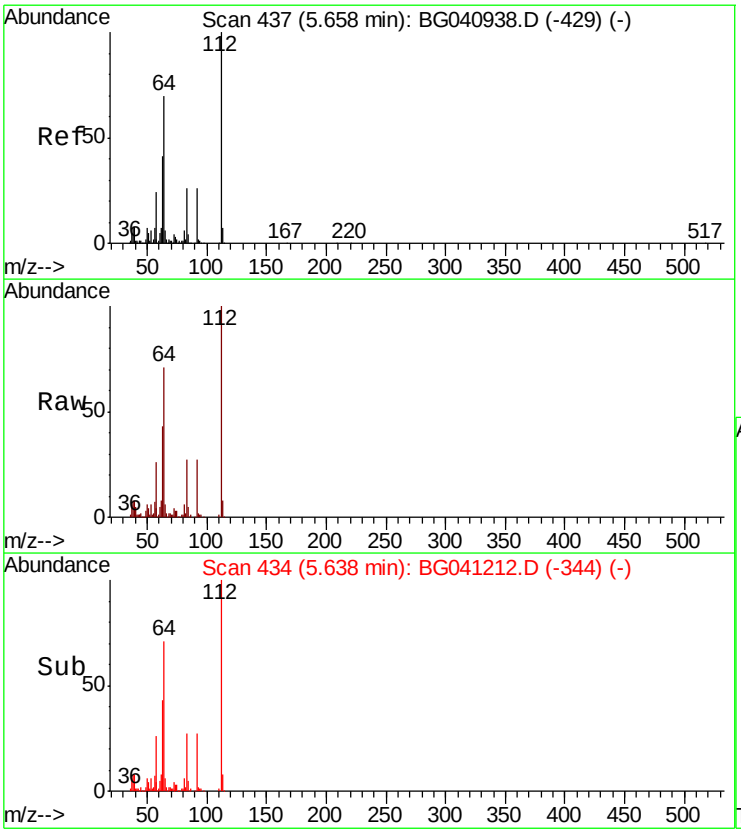
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Instrument :
BNA_G
ClientSampleId :
PB120532BL

Tgt Ion:152 Resp: 35212

Ion	Ratio	Lower	Upper
152	100		
150	154.9	120.6	180.8
115	59.7	45.1	67.7

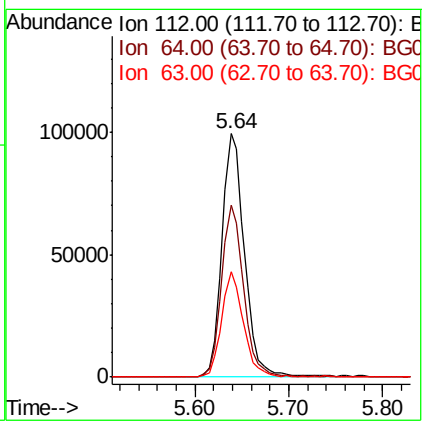


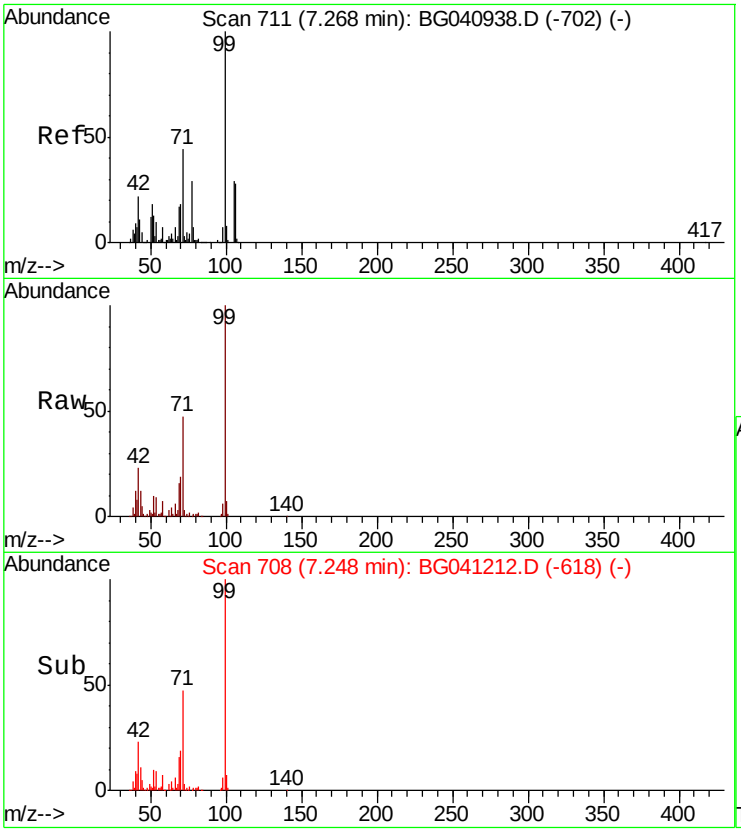


#5
2-Fluorophenol
Concen: 84.939 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Tgt Ion:112 Resp: 165863

Ion	Ratio	Lower	Upper
112	100		
64	70.8	56.2	84.2
63	43.2	32.8	49.2



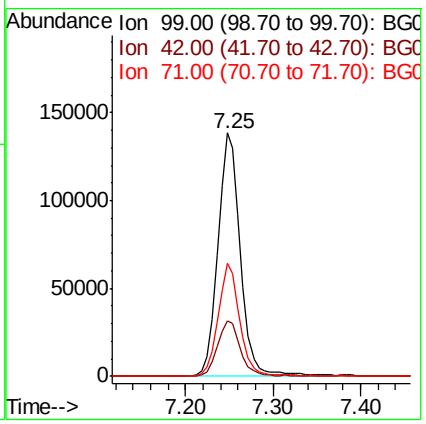


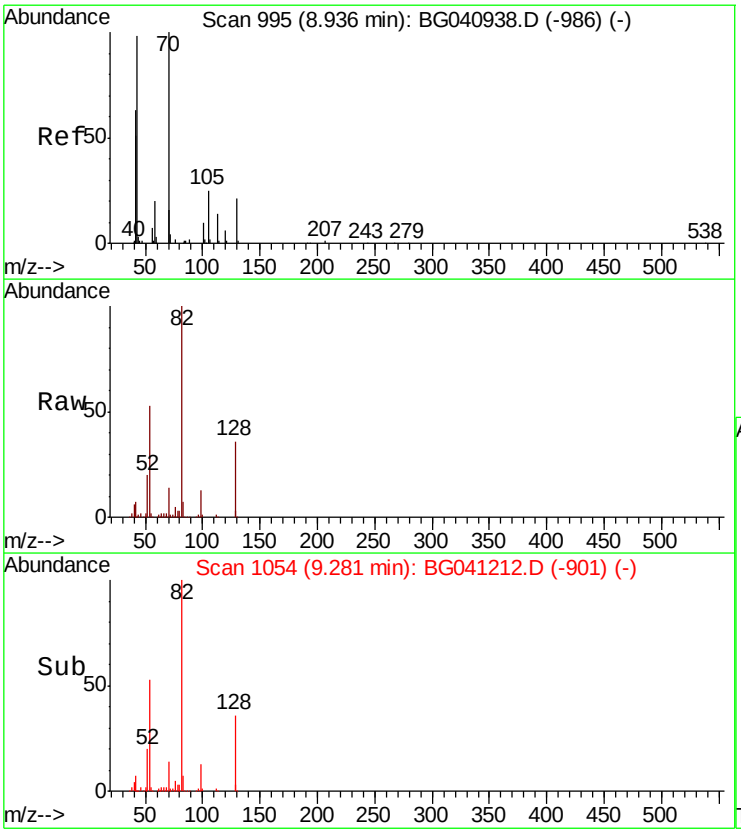
#7
Phenol-d6
Concen: 81.441 ng
RT: 7.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Instrument :
BNA_G
ClientSampleId :
PB120532BL

Tgt Ion: 99 Resp: 245609

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	46.7	35.4	53.0

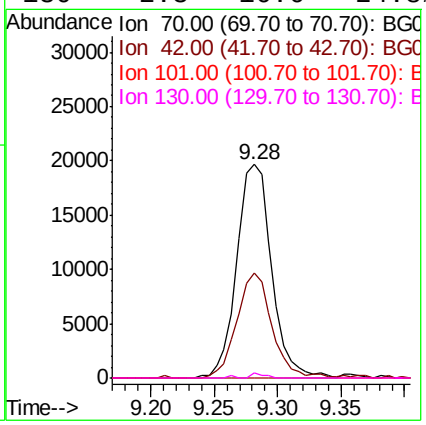


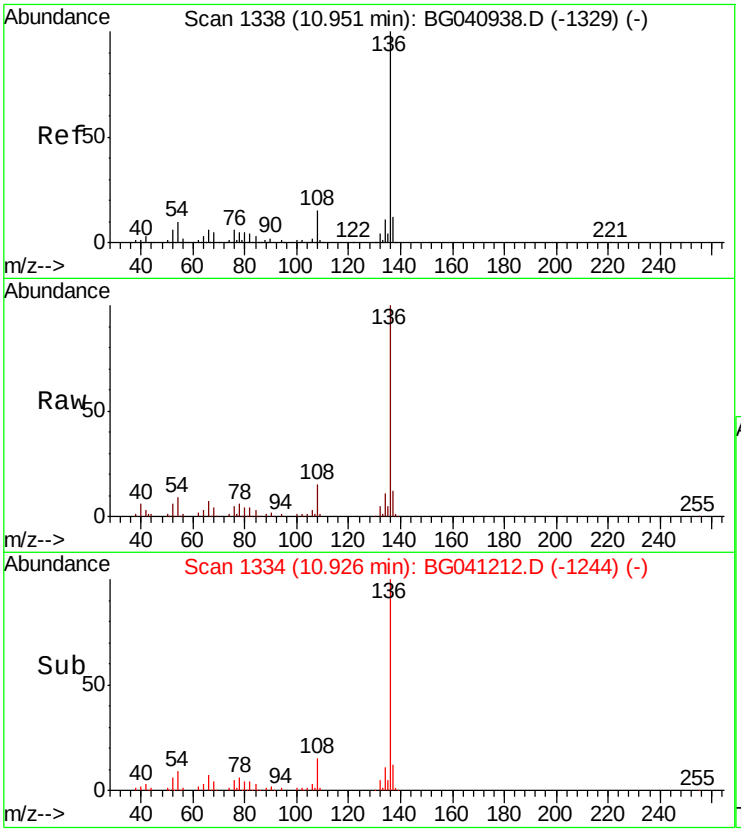


#19
n-Nitroso-di-n-propylamine
Concen: 16.171 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.37 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Tgt Ion: 70 Resp: 37530

Ion	Ratio	Lower	Upper
70	100		
42	49.2	51.5	77.3#
101	0.0	8.1	12.1#
130	2.3	16.6	24.8#



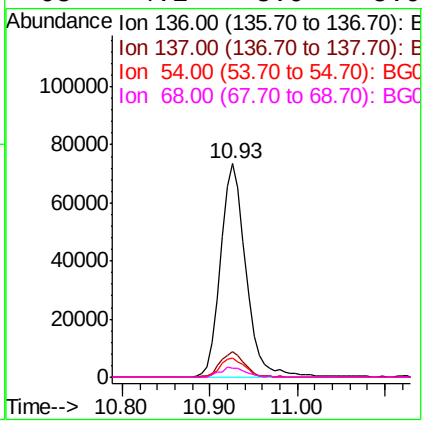


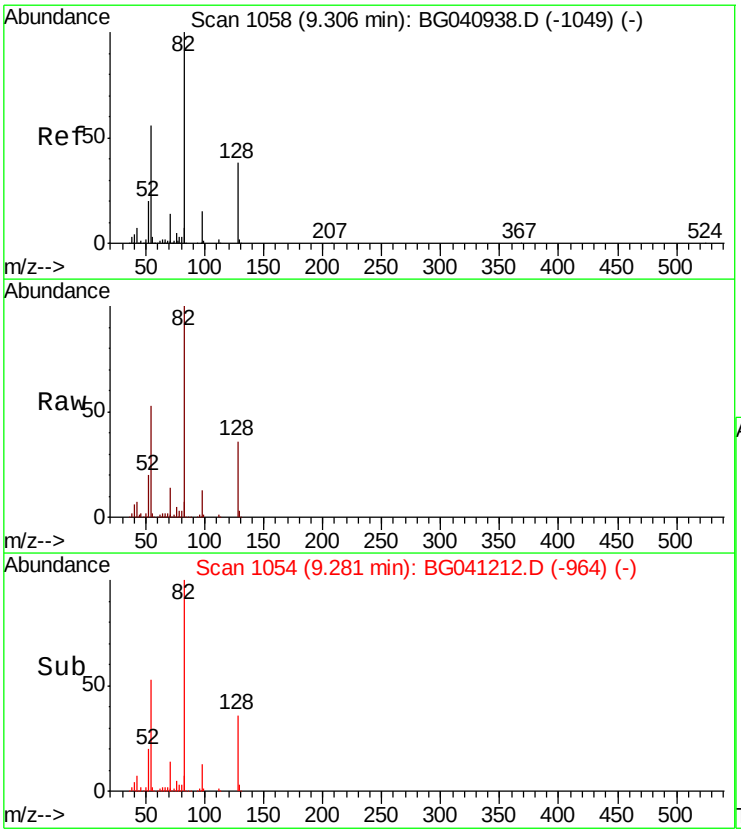
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Instrument :
BNA_G
ClientSampleId :
PB120532BL

Tgt Ion:136 Resp: 145851

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	9.2	7.6	11.4
68	4.2	3.9	5.9

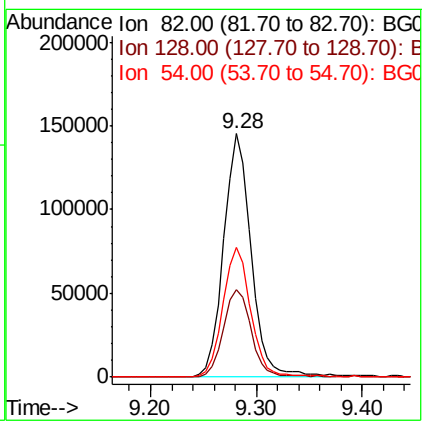


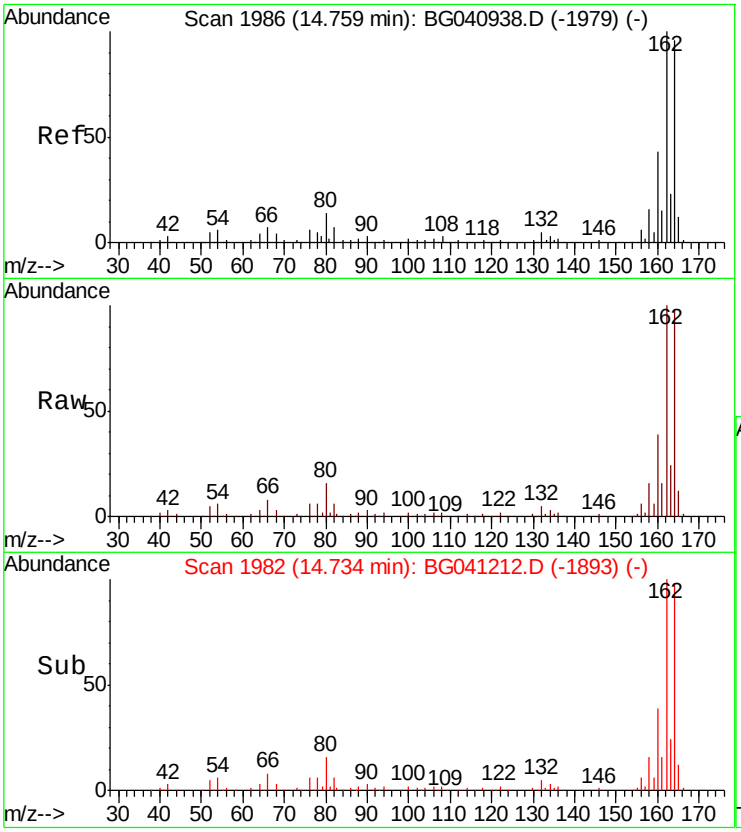


#23
Nitrobenzene-d5
Concen: 79.731 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Tgt Ion: 82 Resp: 261947

Ion	Ratio	Lower	Upper
82	100		
128	36.1	30.5	45.7
54	53.5	44.6	66.8



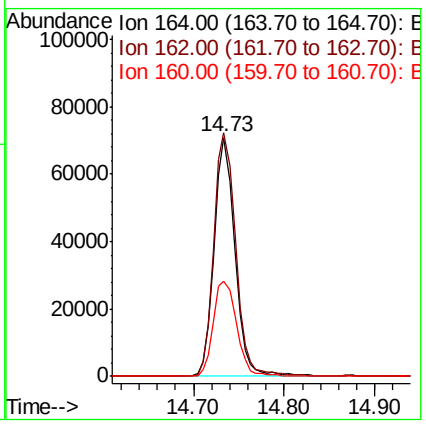


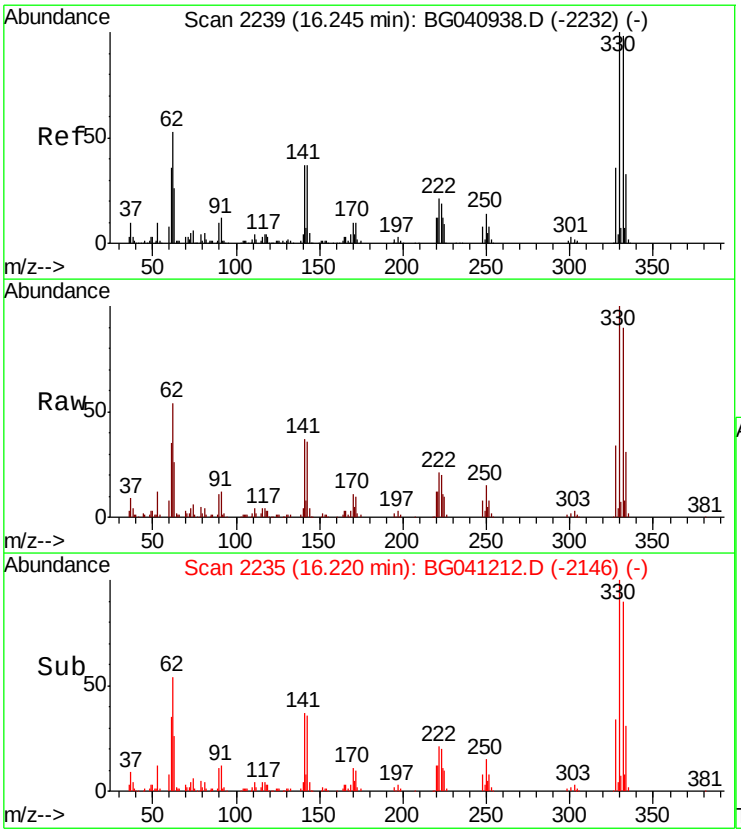
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Instrument :
BNA_G
ClientSampleId :
PB120532BL

Tgt Ion:164 Resp: 112831

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.4
160	39.8	35.6	53.4

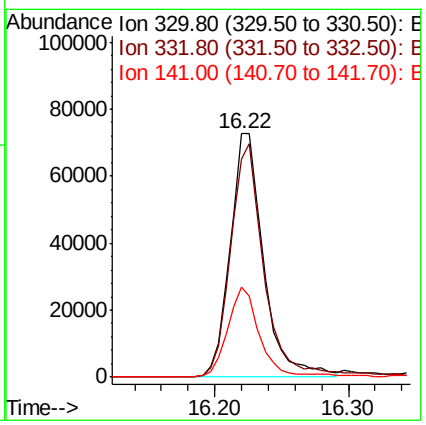


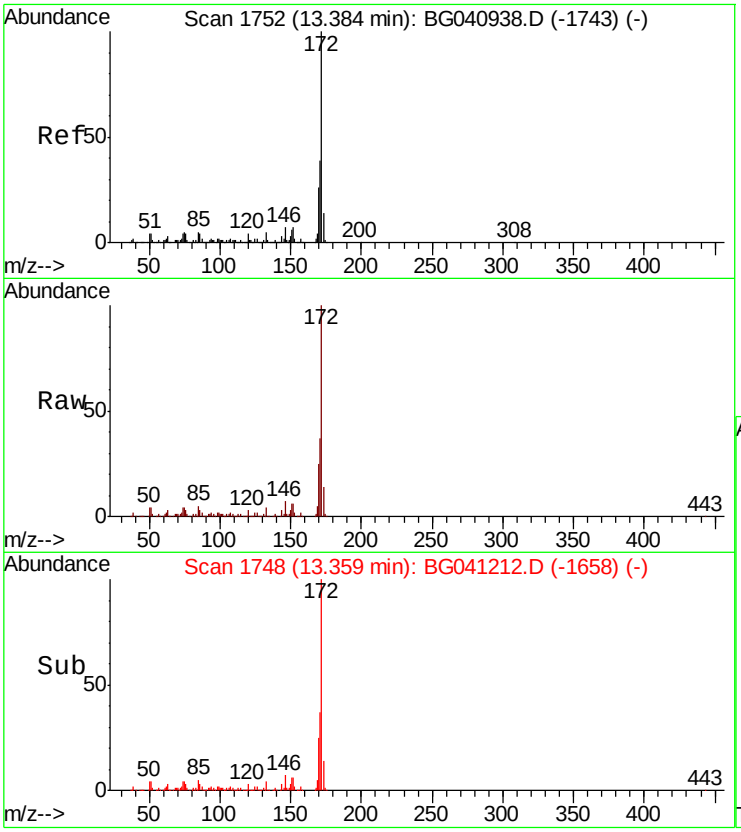


#42
2,4,6-Tribromophenol
Concen: 75.581 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Tgt Ion:330 Resp: 126603

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.5	117.7
141	35.7	28.7	43.1



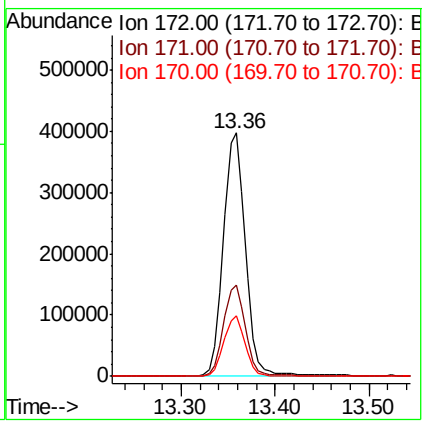


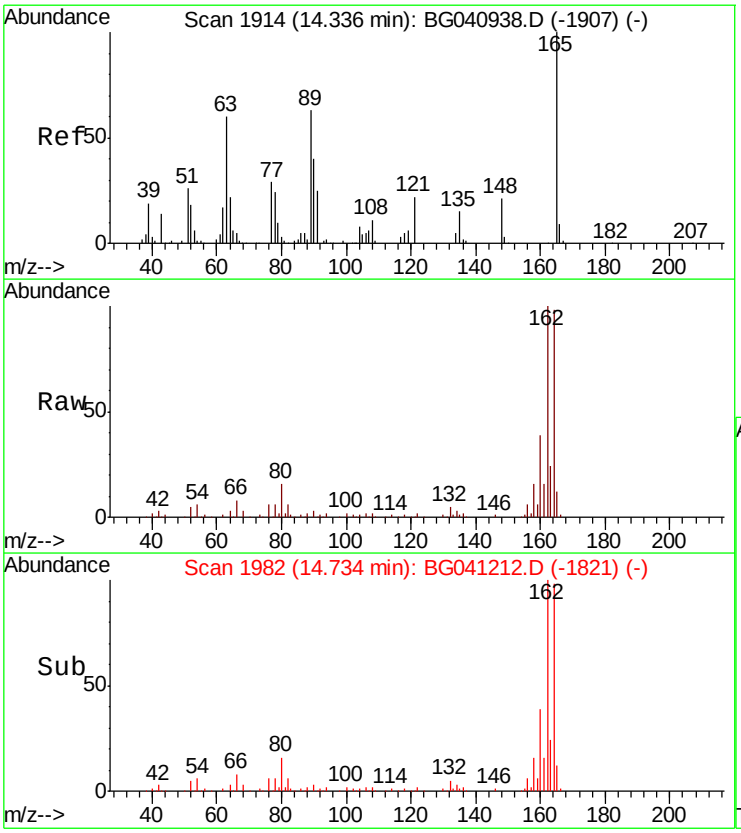
#45
2-Fluorobiphenyl
Concen: 83.326 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Instrument :
BNA_G
ClientSampleId :
PB120532BL

Tgt Ion:172 Resp: 652849

Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.1	46.7
170	25.1	20.5	30.7

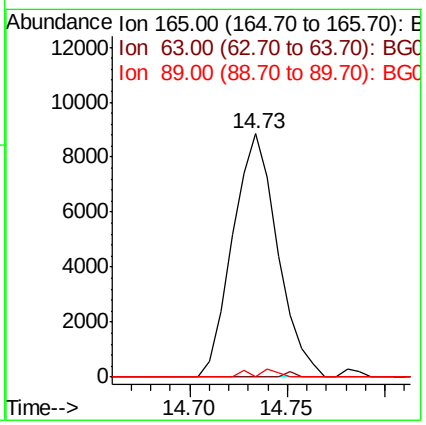


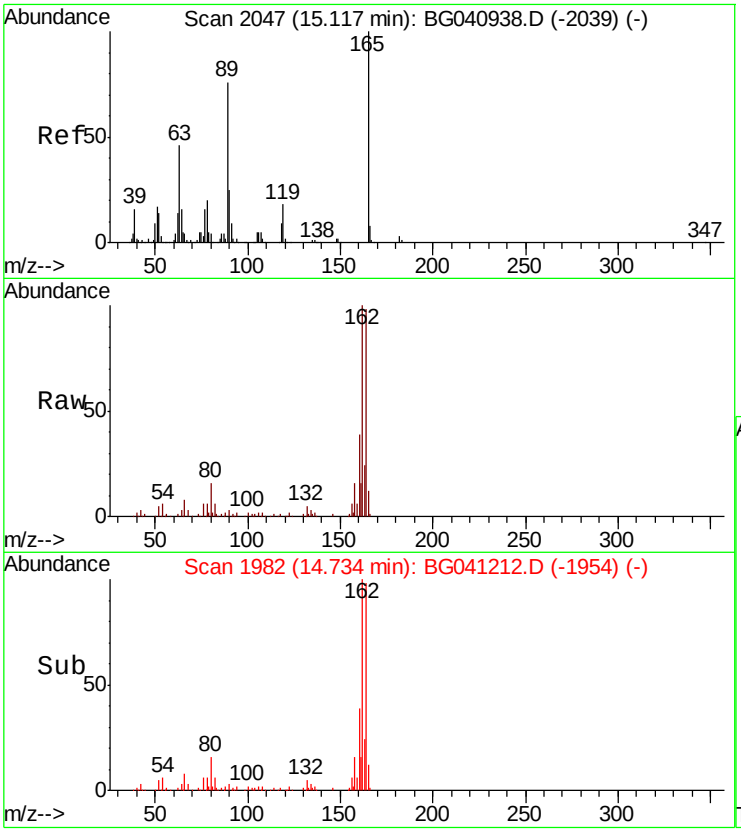


#51
2,6-Dinitrotoluene
Concen: 6.828 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.42 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Tgt Ion:165 Resp: 14062

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



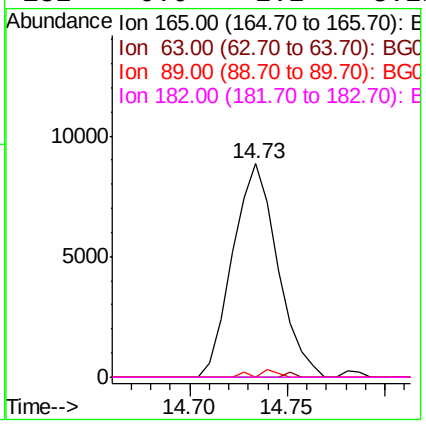


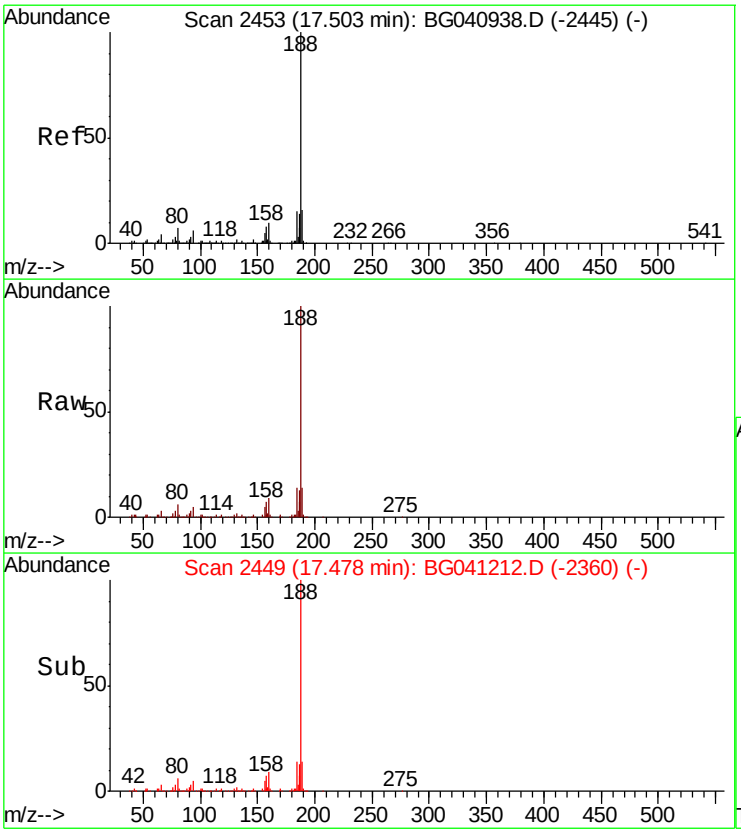
#57
2,4-Dinitrotoluene
Concen: 4.834 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.36 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Instrument :
BNA_G
ClientSampleId :
PB120532BL

Tgt Ion:165 Resp: 14062

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

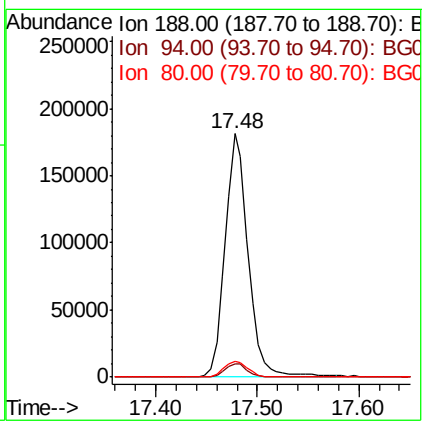


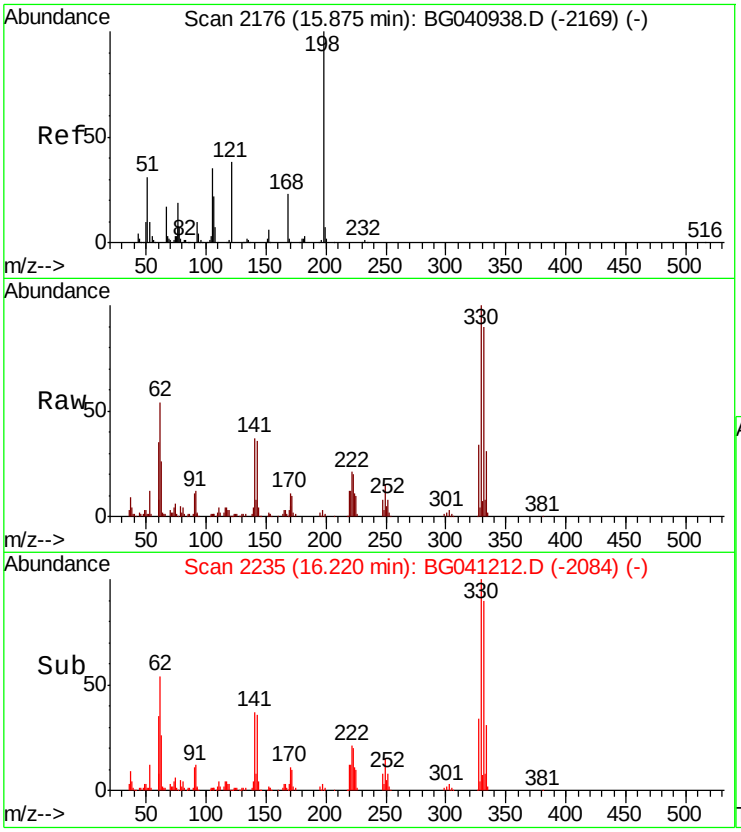


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Tgt Ion:188 Resp: 285526

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.7	7.1
80	6.3	5.8	8.8



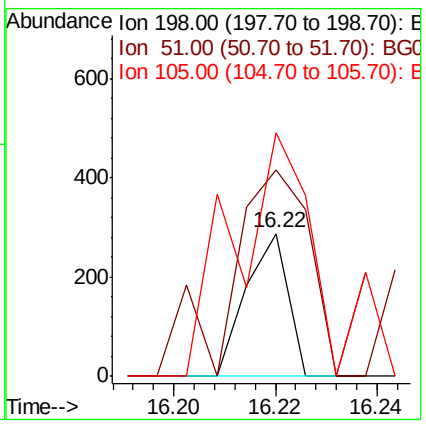


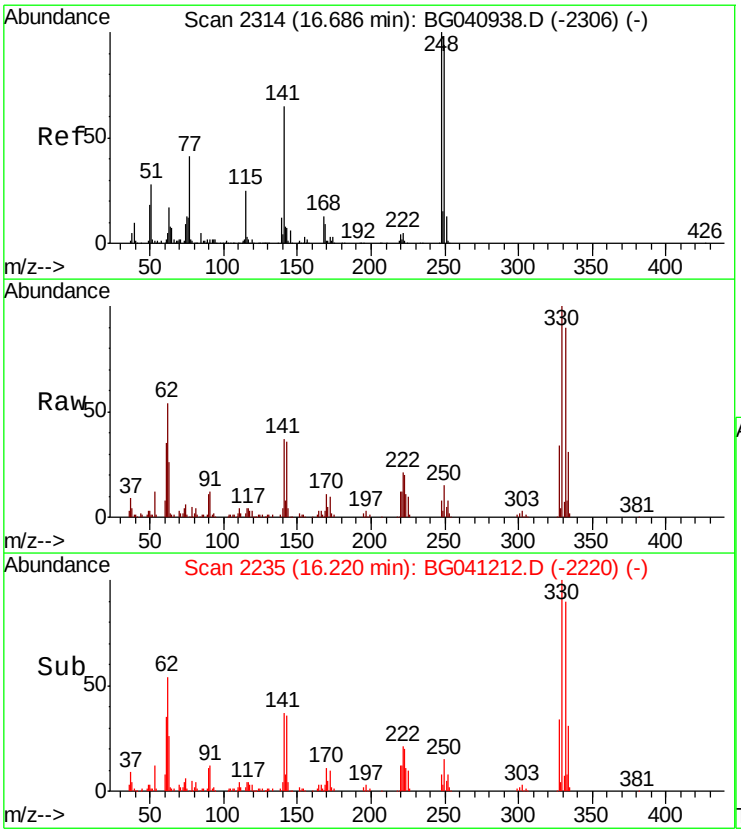
#65
4,6-Dinitro-2-methylphenol
Concen: 8.679 ng
RT: 16.22 min Scan# 2235
Delta R.T. 0.36 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Instrument :
BNA_G
ClientSampleId :
PB120532BL

Tgt Ion:198 Resp: 166

Ion	Ratio	Lower	Upper
198	100		
51	145.3	21.6	61.6#
105	171.1	17.5	57.5#

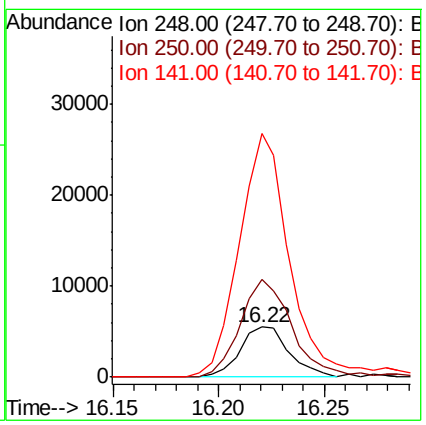


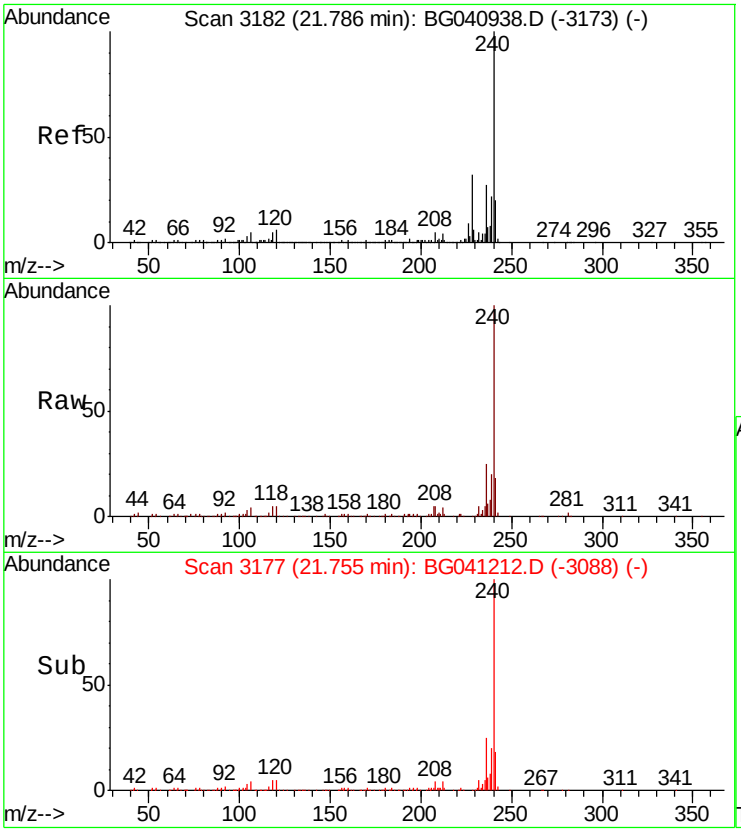


#67
4-Bromophenyl-phenylether
Concen: 2.301 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.44 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Tgt Ion:248 Resp: 8867

Ion	Ratio	Lower	Upper
248	100		
250	194.6	75.0	112.4#
141	487.0	52.4	78.6#



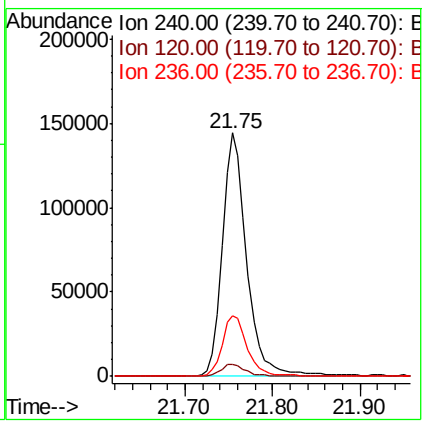


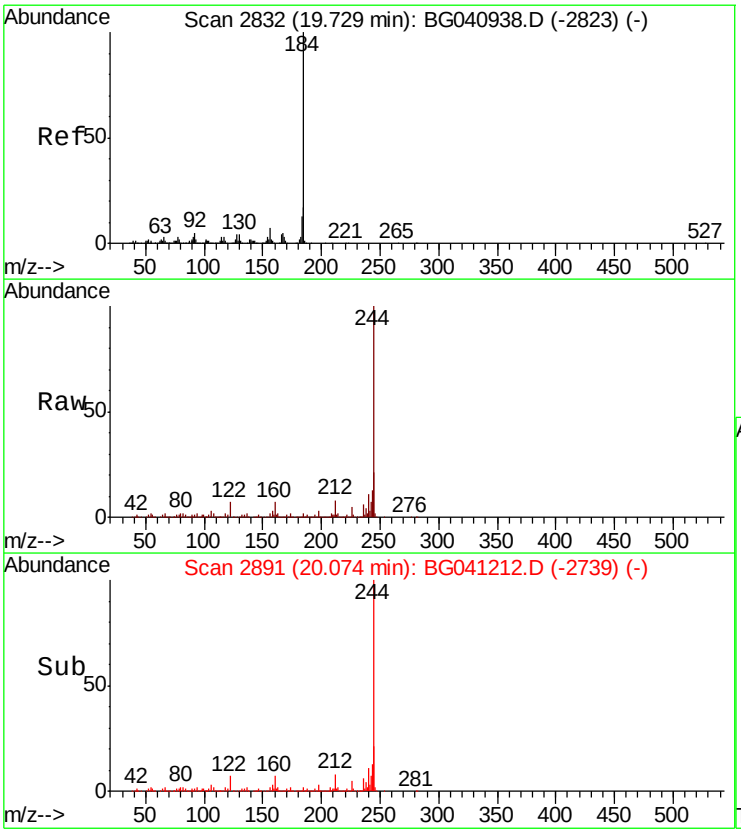
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Instrument :
BNA_G
ClientSampleId :
PB120532BL

Tgt Ion:240 Resp: 275376

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.5	6.7
236	24.8	21.3	31.9

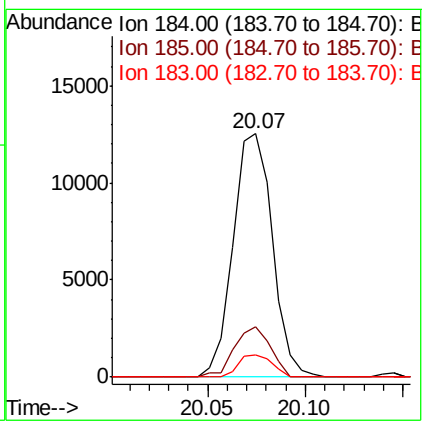


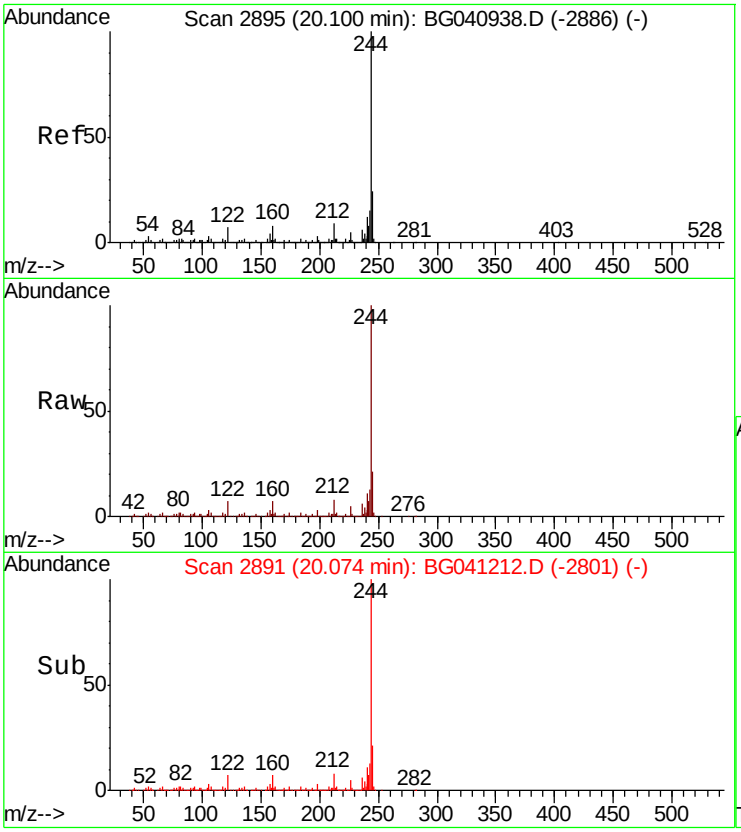


#77
Benzidine
Concen: 2.656 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.37 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Tgt Ion:184 Resp: 17447

Ion	Ratio	Lower	Upper
184	100		
185	20.4	13.3	19.9#
183	8.9	10.7	16.1#



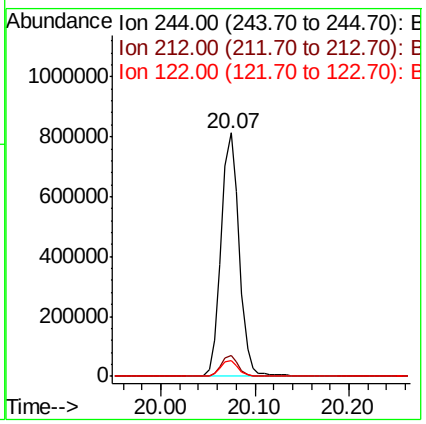


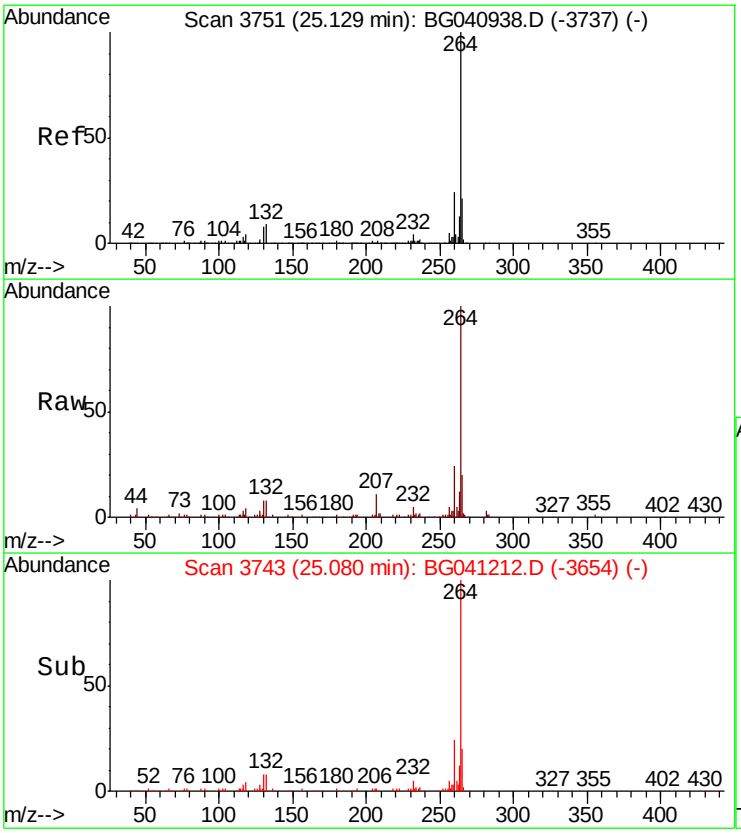
#79
Terphenyl-d14
Concen: 84.294 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Instrument :
BNA_G
ClientSampleId :
PB120532BL

Tgt Ion:244 Resp: 1093726

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	6.6	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Tgt Ion:264 Resp: 248529

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	20.3	17.0	25.4