

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043034.D
 Acq On : 4 Oct 2019 18:55
 Operator : JU
 Sample : PB123604BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 05 04:51:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

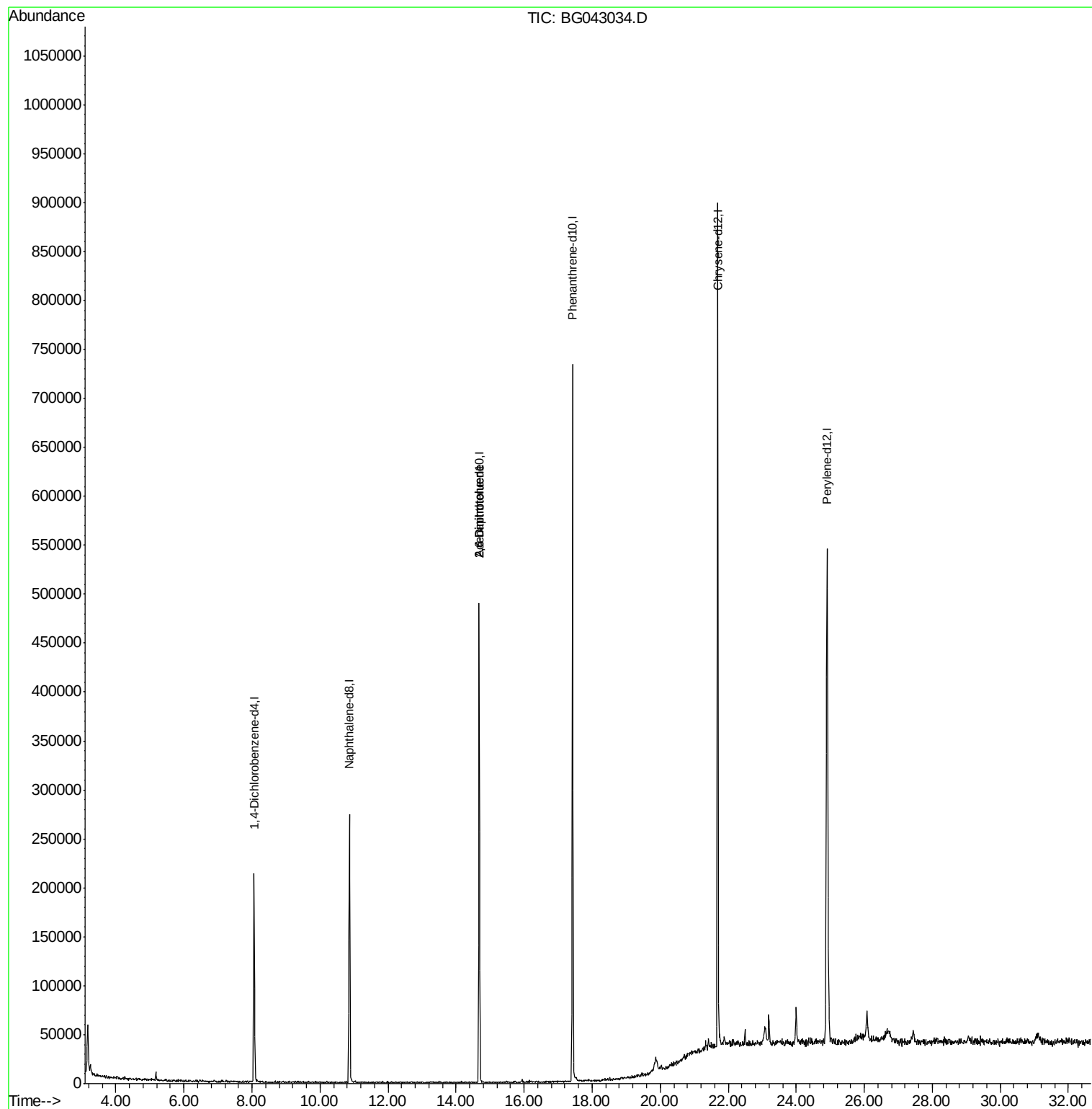
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	64959	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	248499	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	180146	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	468493	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	527575	20.00	ng	-0.03
87) Perylene-d12	24.90	264	602034	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	63	0.02	ng	-0.47
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	16.36	330	87	0.03	ng	0.18
45) 2-Fluorobiphenyl	12.80	172	72	0.01	ng	-0.52
79) Terphenyl-d14	20.03	244	3250	0.13	ng	-0.02
Target Compounds						
51) 2,6-Dinitrotoluene	14.68	165	24055	8.369	ng	# 21
57) 2,4-Dinitrotoluene	14.68	165	24055	5.715	ng	# 24

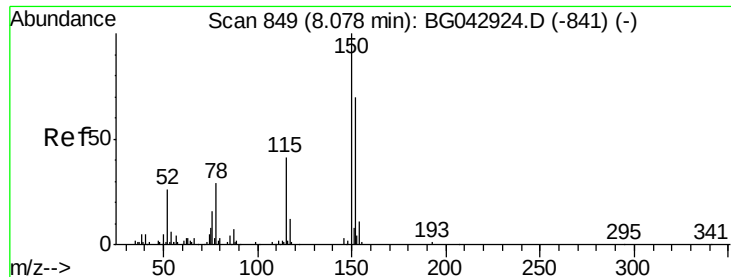
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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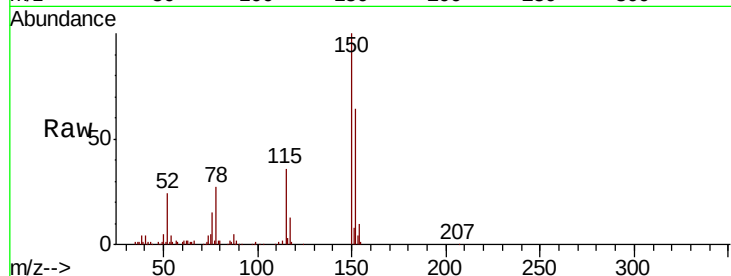


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043034.D
Acq: 4 Oct 2019 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	115.0	172.4
115	56.4	47.0	70.6

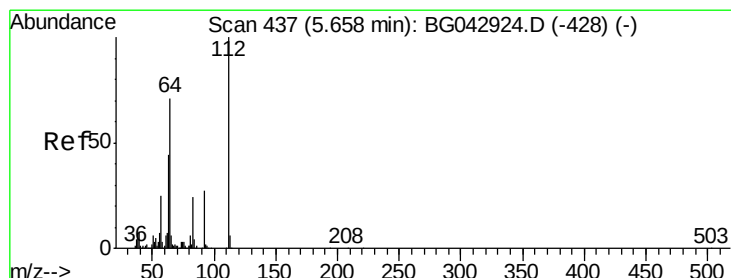
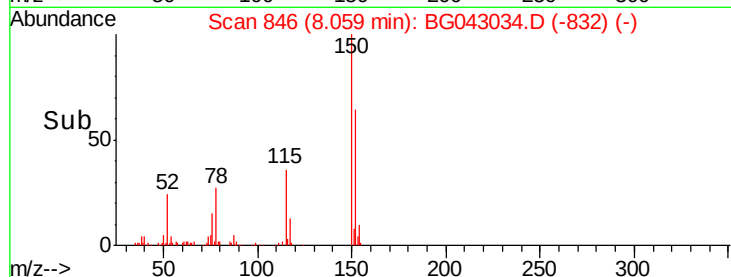
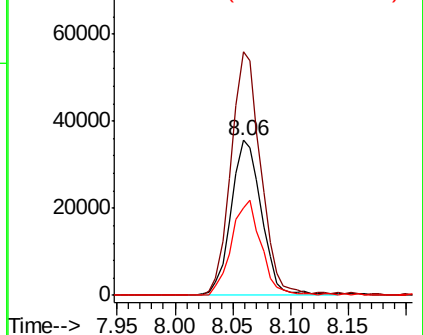


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

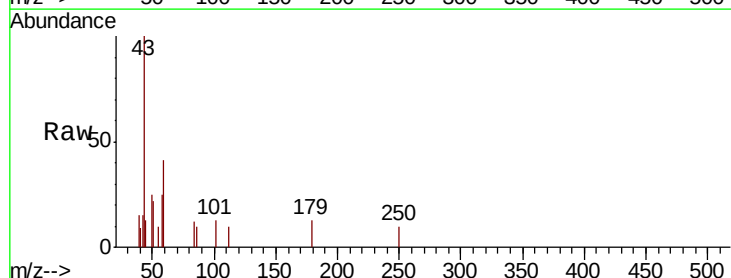
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.017 ng
RT: 5.19 min Scan# 358
Delta R.T. -0.47 min
Lab File: BG043034.D
Acq: 4 Oct 2019 18:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	56.6	84.8#
63	0.0	35.1	52.7#

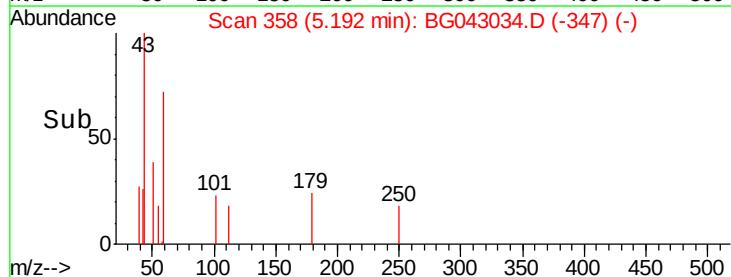
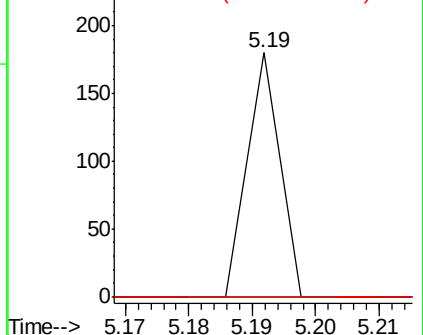


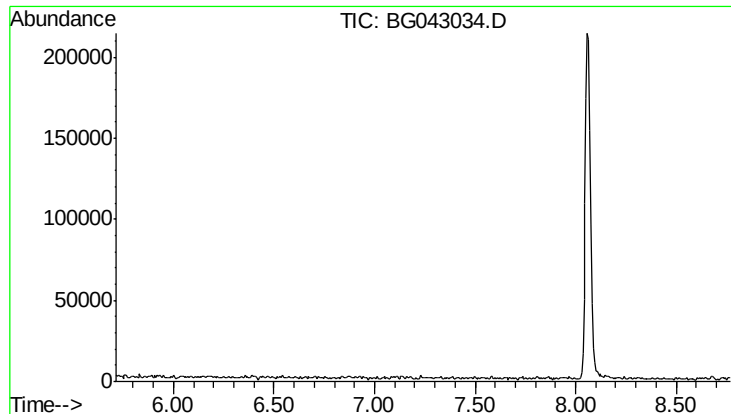
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0

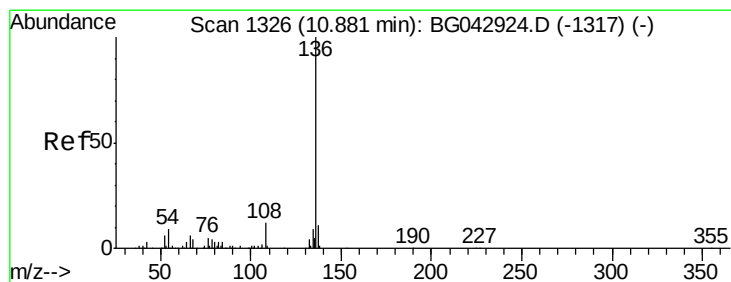
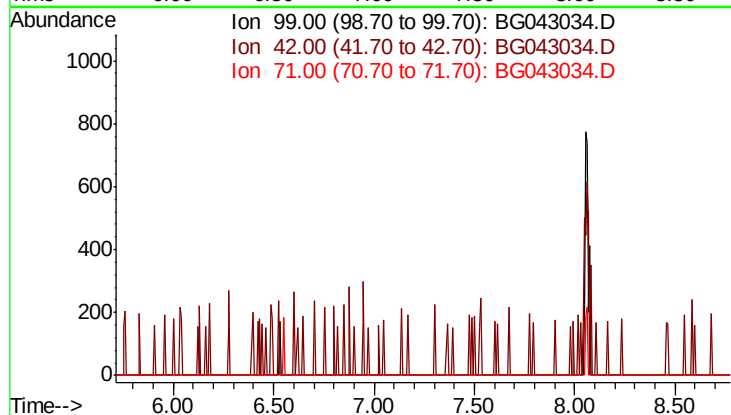




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 7.24 min
 Lab File: BG043034.D
 Acq: 4 Oct 2019 18:55

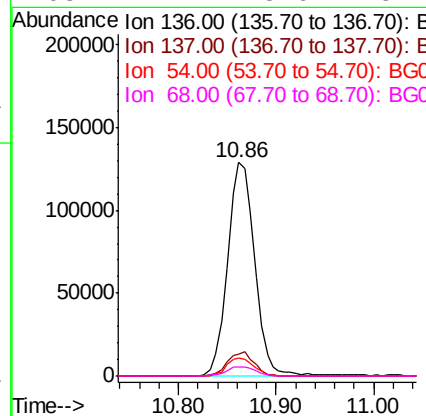
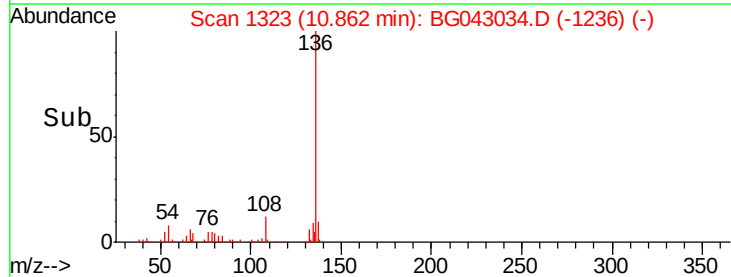
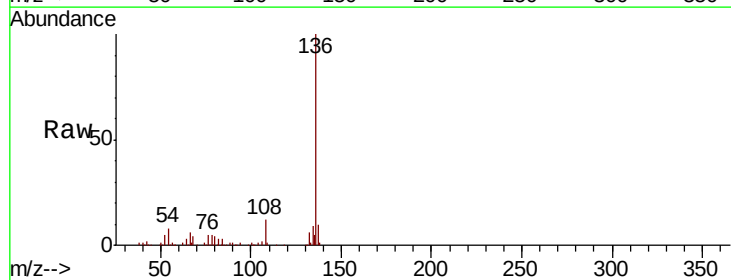
Instrument :
 BNA_G
 ClientSampleId :

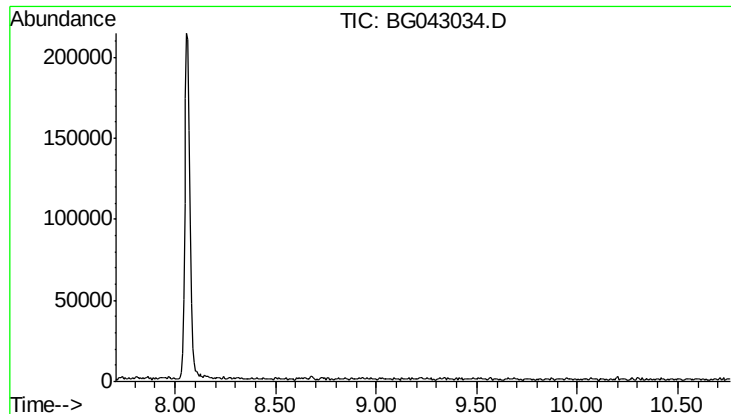
Tot Ion	99
Sig	Exp Ratio
99	100
42	21.5
71	41.4



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.86 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BG043034.D
 Acq: 4 Oct 2019 18:55

Tgt Ion	136	Resp	248499
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	8.4	7.4	11.2
68	4.4	3.6	5.4

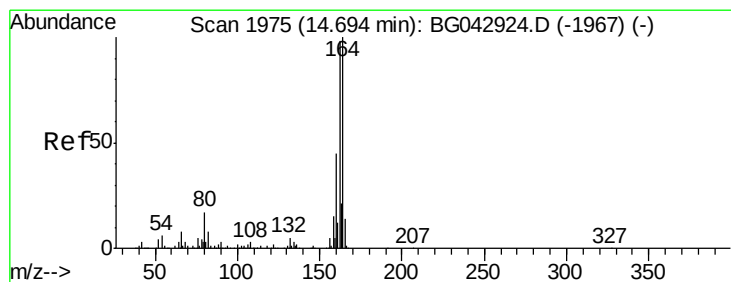
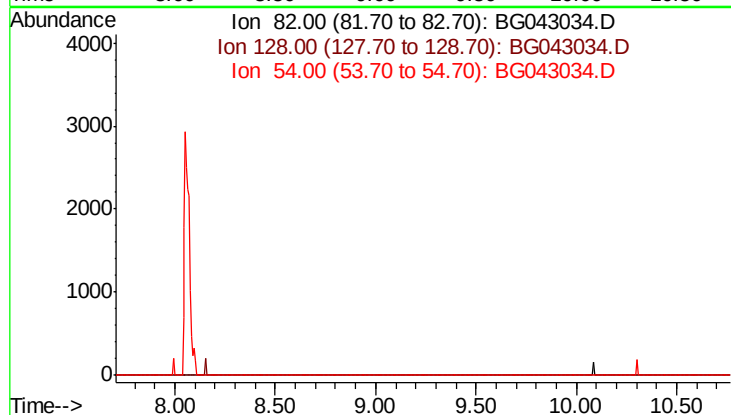




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.24 min
 Lab File: BG043034.D
 Acq: 4 Oct 2019 18:55

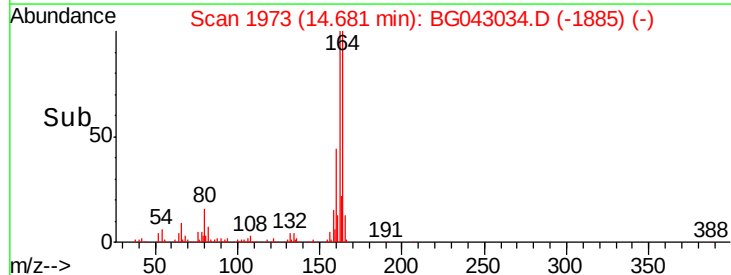
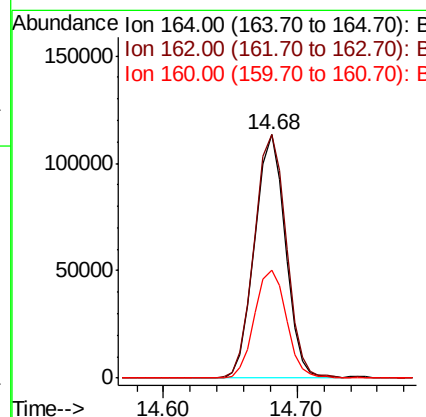
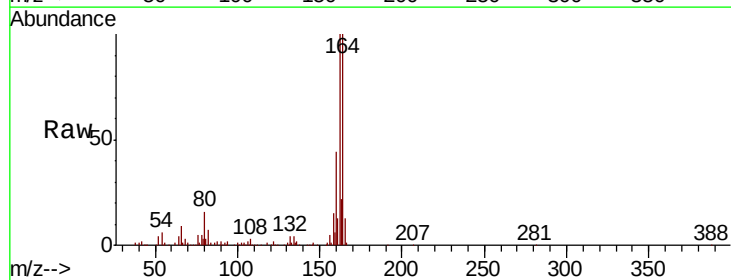
Instrument :
 BNA_G
 ClientSampleId :

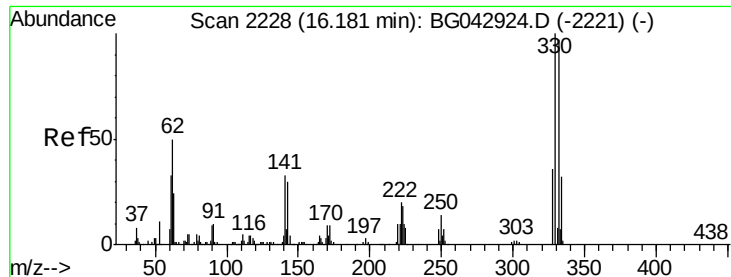
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 36.9
 54 55.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG043034.D
 Acq: 4 Oct 2019 18:55

Tgt Ion:164 Resp: 180146
 Ion Ratio Lower Upper
 164 100
 162 99.9 78.5 117.7
 160 44.3 35.9 53.9

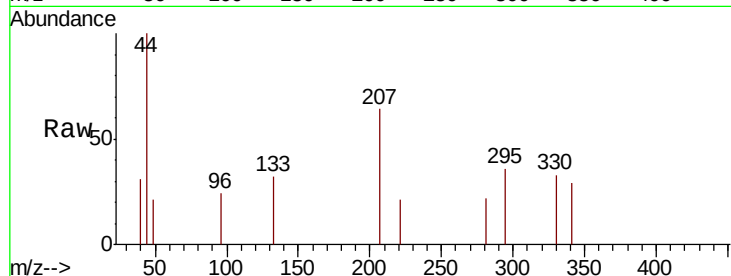




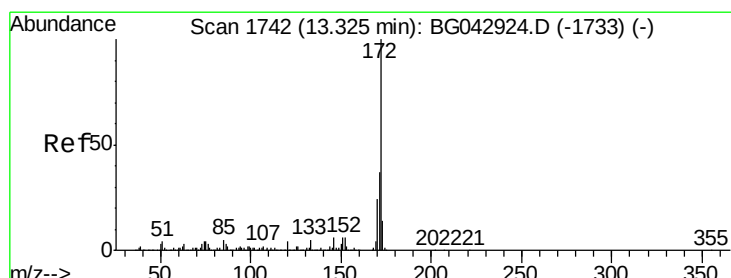
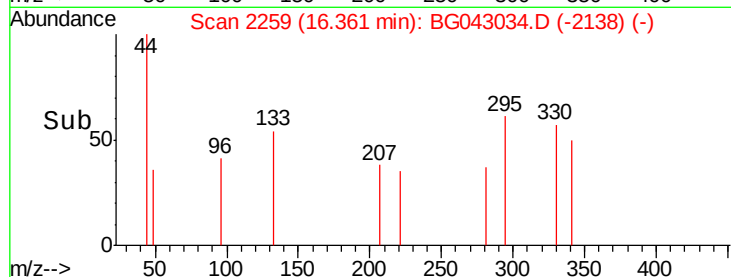
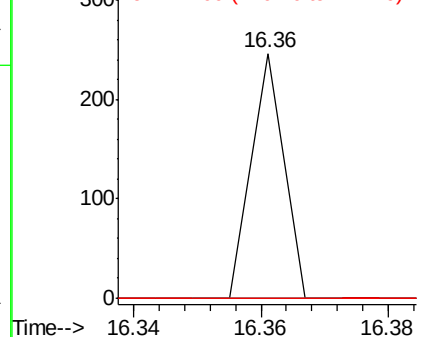
#42
2,4,6-Tribromophenol
Concen: 0.028 ng
RT: 16.36 min Scan# 2259
Delta R.T. 0.18 min
Lab File: BG043034.D
Acq: 4 Oct 2019 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:330 Resp: 87
Ion Ratio Lower Upper
330 100
332 0.0 78.2 117.2#
141 0.0 26.0 39.0#

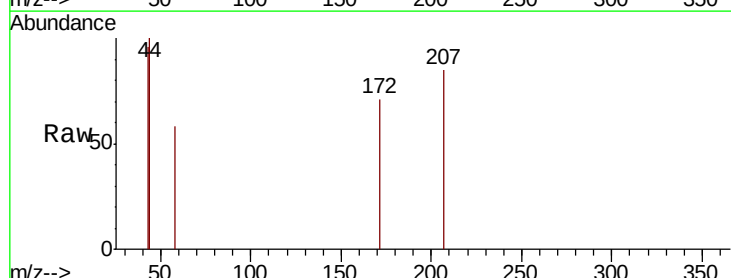


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

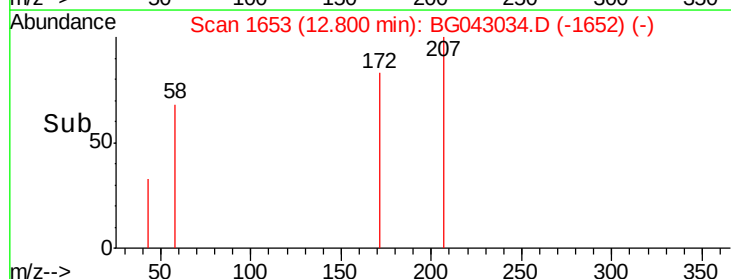
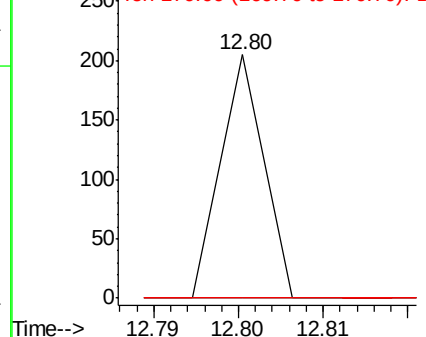


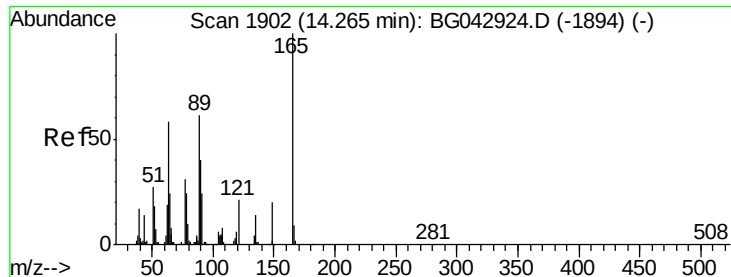
#45
2-Fluorobiphenyl
Concen: 0.006 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.52 min
Lab File: BG043034.D
Acq: 4 Oct 2019 18:55

Tgt Ion:172 Resp: 72
Ion Ratio Lower Upper
172 100
171 100.0 29.6 44.4#
170 0.0 19.6 29.4#



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

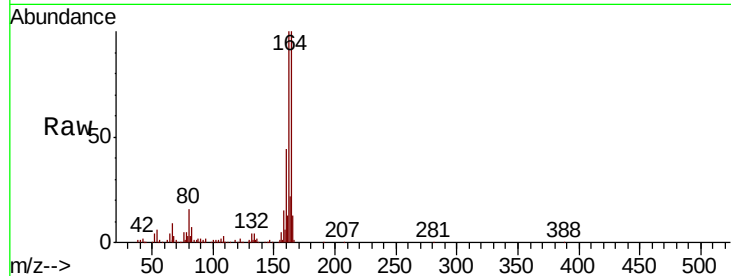




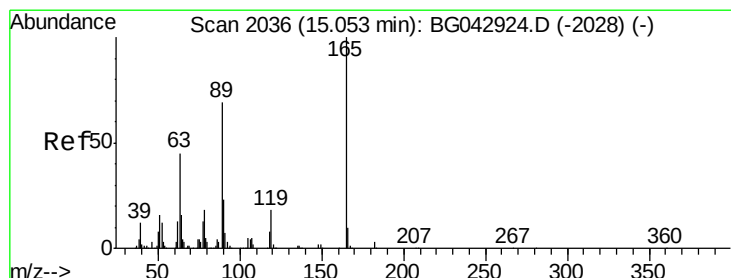
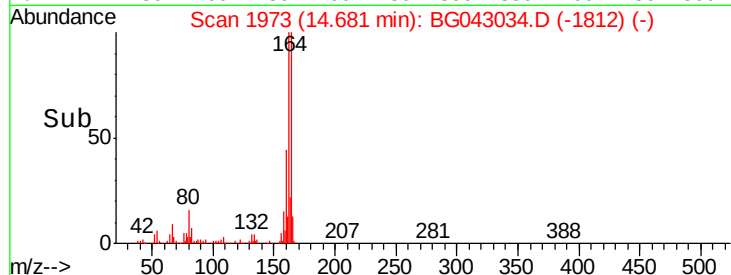
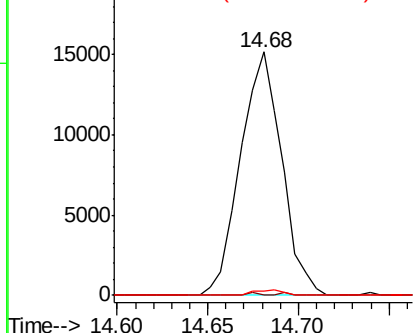
#51
2,6-Dinitrotoluene
Concen: 8.369 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.42 min
Lab File: BG043034.D
Acq: 4 Oct 2019 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 24055
Ion Ratio Lower Upper
165 100
63 0.0 50.3 75.5#
89 1.9 48.9 73.3#

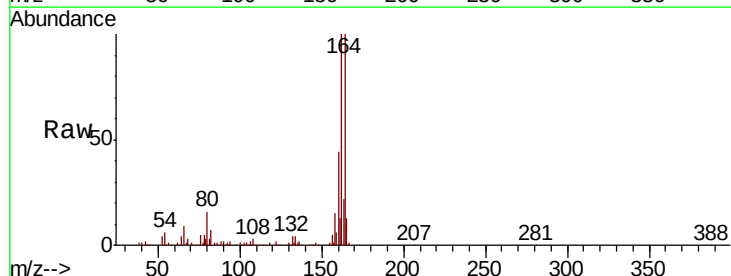


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

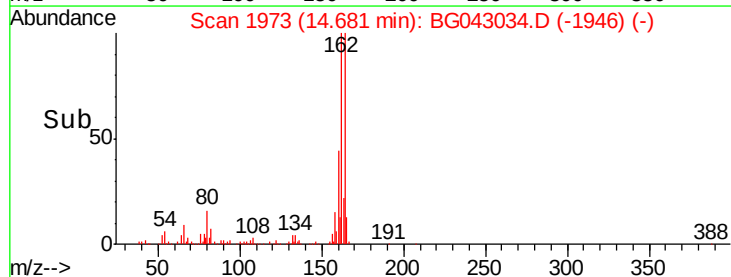
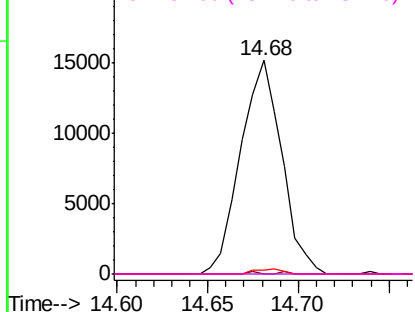


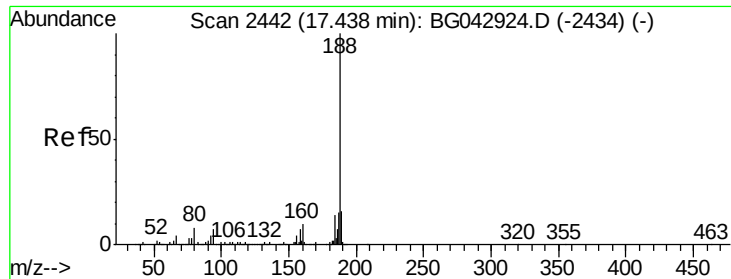
#57
2,4-Dinitrotoluene
Concen: 5.715 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.37 min
Lab File: BG043034.D
Acq: 4 Oct 2019 18:55

Tgt Ion:165 Resp: 24055
Ion Ratio Lower Upper
165 100
63 0.0 36.5 54.7#
89 1.9 55.5 83.3#
182 0.0 2.4 3.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043034.D

Acq: 4 Oct 2019 18:55

Instrument :

BNA_G

ClientSampleId :

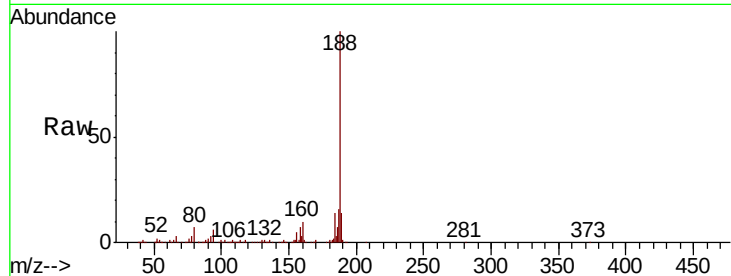
Tot Ion:188 Resp: 468493

Ion Ratio Lower Upper

188 100

94 6.1 5.7 8.5

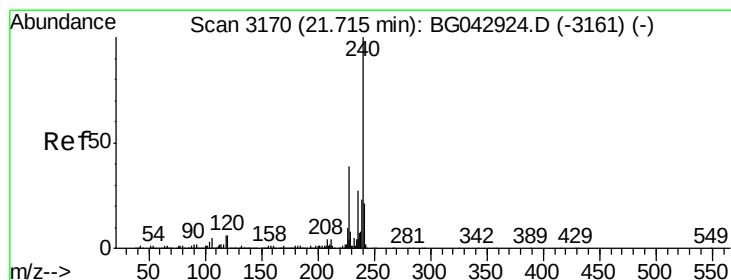
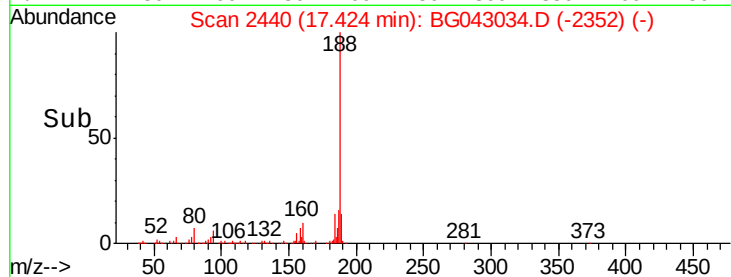
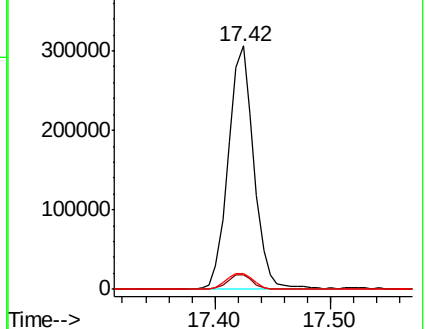
80 6.6 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG043034.D

Acq: 4 Oct 2019 18:55

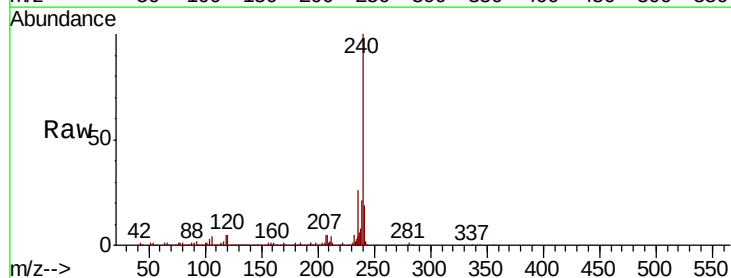
Tgt Ion:240 Resp: 527575

Ion Ratio Lower Upper

240 100

120 4.9 4.8 7.2

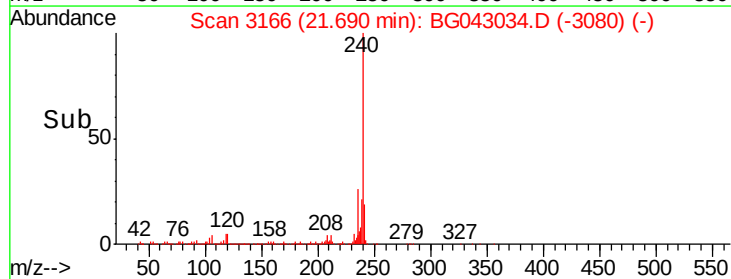
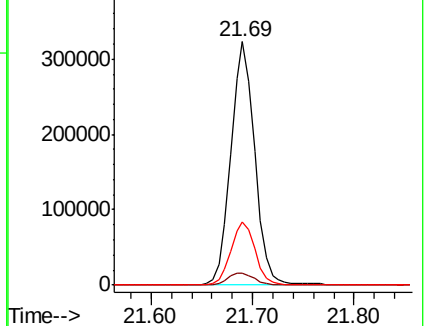
236 26.2 21.4 32.0

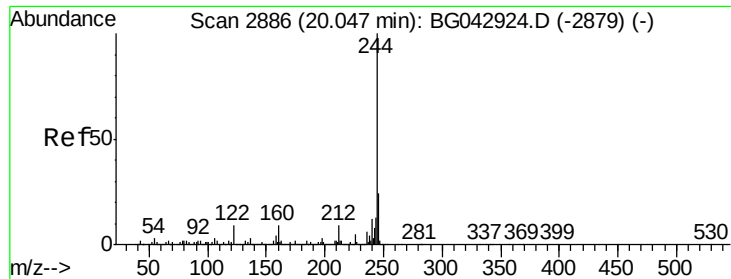


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 0.131 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG043034.D

Acq: 4 Oct 2019 18:55

Instrument :

BNA_G

ClientSampled :

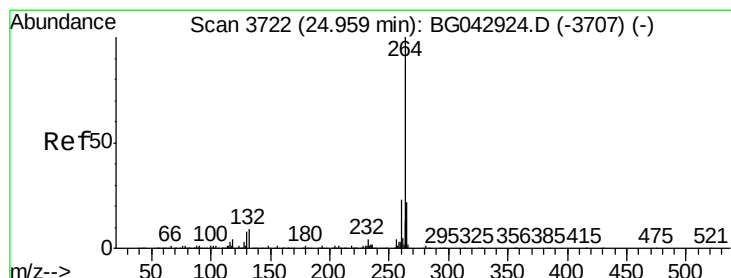
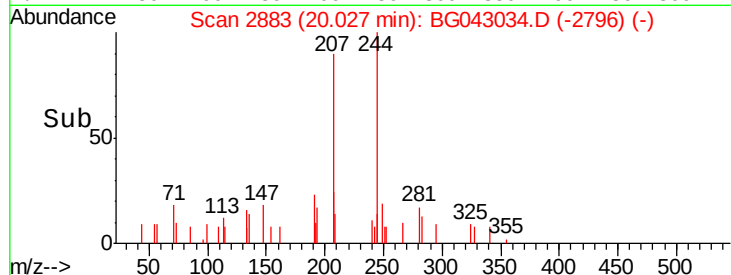
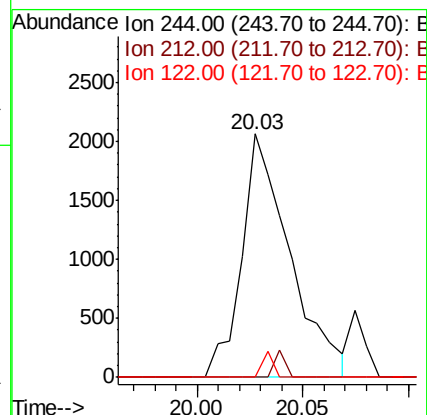
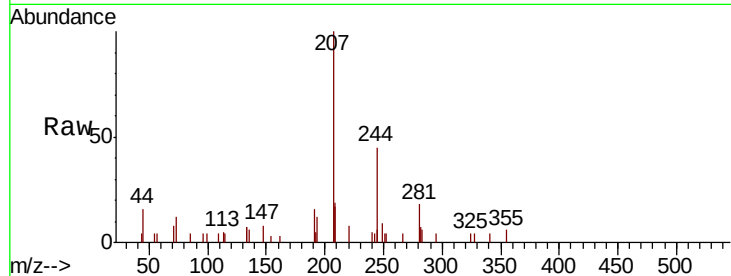
Tot Ion:244 Resp: 3250

Ion Ratio Lower Upper

244 100

212 0.0 7.4 11.0#

122 0.0 7.0 10.4#



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3713

Delta R.T. -0.05 min

Lab File: BG043034.D

Acq: 4 Oct 2019 18:55

Tgt Ion:264 Resp: 602034

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.3 17.7 26.5

