

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
 Data File : BG041873.D
 Acq On : 1 Aug 2019 21:20
 Operator : HP/JU
 Sample : K4044-06RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Aug 02 01:34:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

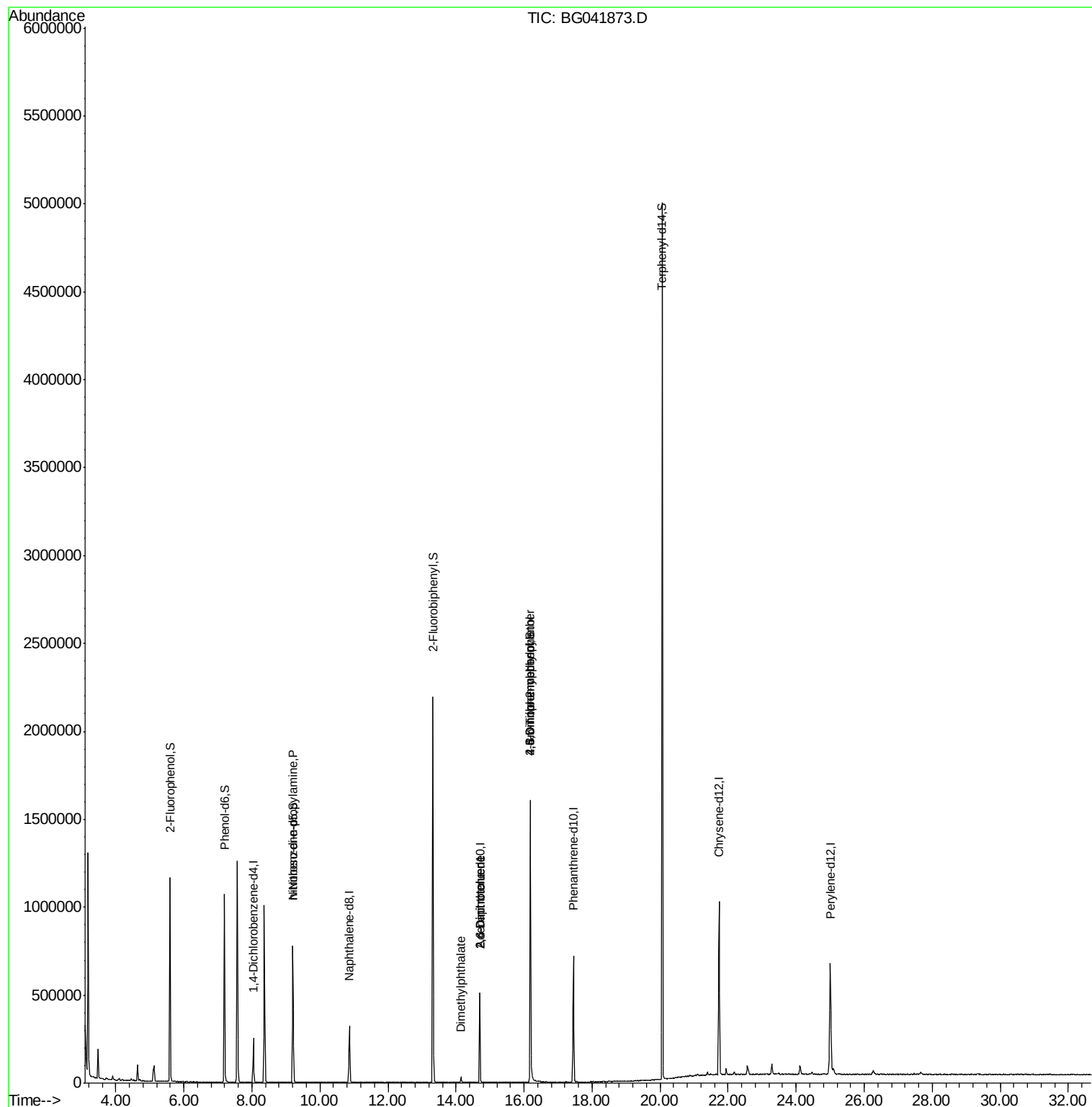
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	82047	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	298294	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	199126	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	462636	20.00	ng	0.00
76) Chrysene-d12	21.73	240	615306	20.00	ng	0.00
87) Perylene-d12	25.01	264	730746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	518786	123.02	ng	0.00
7) Phenol-d6	7.19	99	632638	111.28	ng	0.00
23) Nitrobenzene-d5	9.21	82	476874	110.01	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	355661	157.25	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1178653	104.40	ng	0.00
79) Terphenyl-d14	20.06	244	2283069	84.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	63620	15.414	ng	Qvalue 67
50) Dimethylphthalate	14.15	163	27733	2.039	ng	98
51) 2,6-Dinitrotoluene	14.70	165	26295	9.247	ng	# 27
57) 2,4-Dinitrotoluene	14.70	165	26295	6.724	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.19	198	895	7.191	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	25518	4.478	ng	# 1

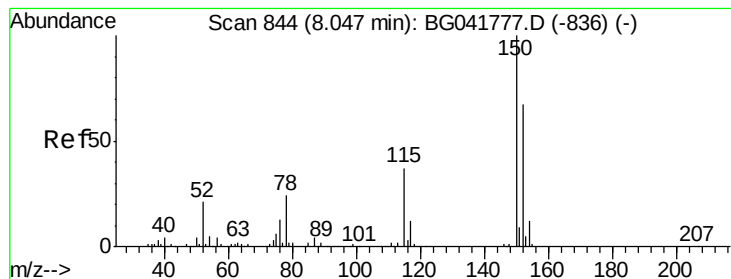
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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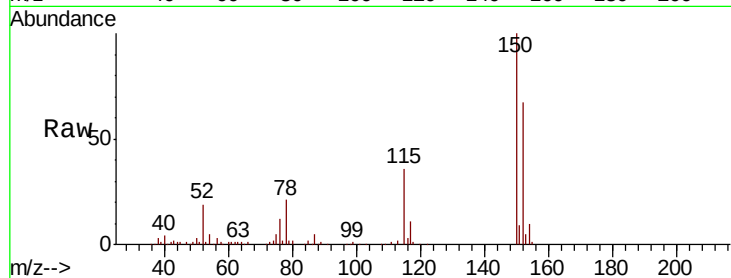


#1

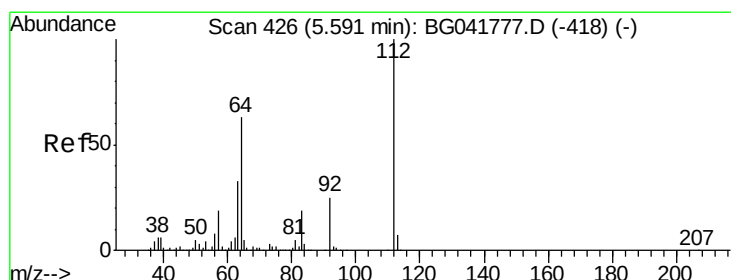
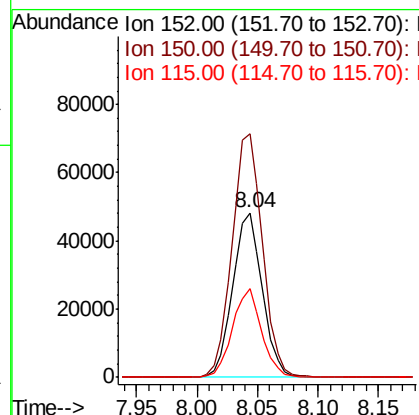
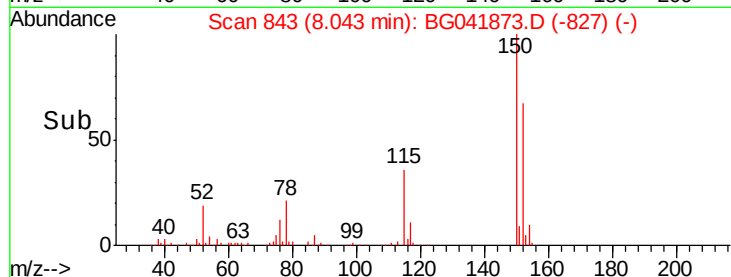
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041873.D
Acq: 1 Aug 2019 21:20

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 82047
Ion Ratio Lower Upper
152 100
150 148.2 126.9 190.3
115 54.0 45.0 67.6



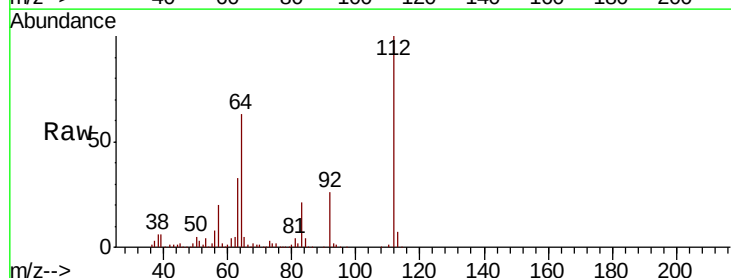
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



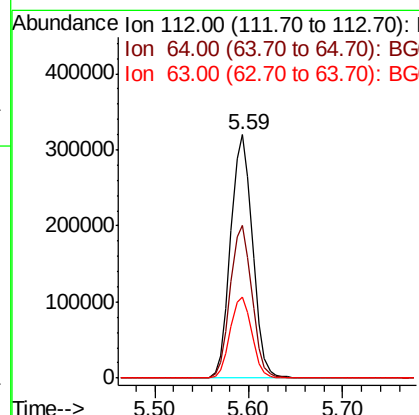
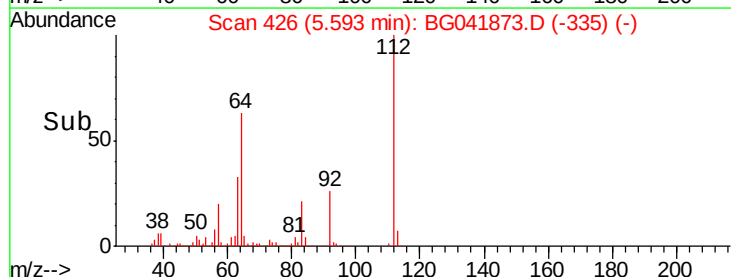
#5

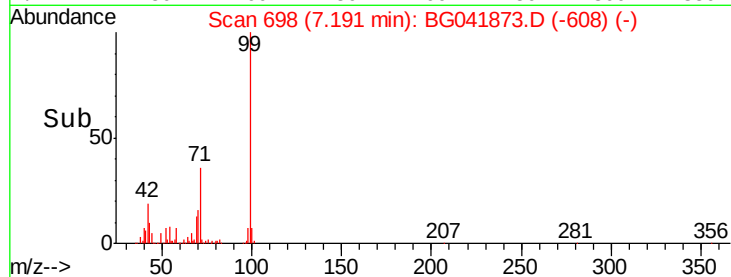
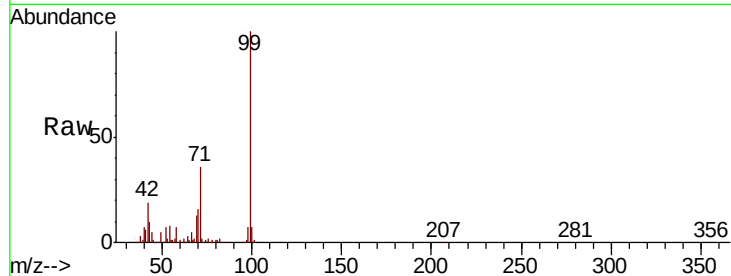
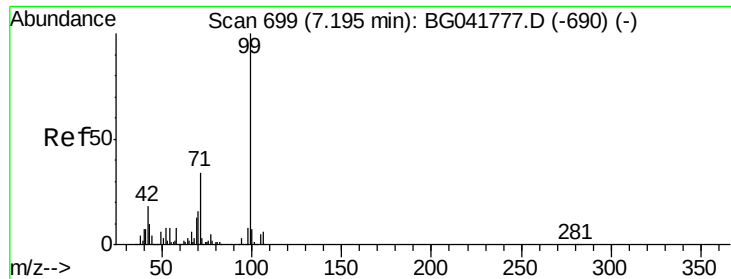
2-Fluorophenol
Concen: 123.022 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041873.D
Acq: 1 Aug 2019 21:20

Tgt Ion:112 Resp: 518786
Ion Ratio Lower Upper
112 100
64 62.8 55.4 83.2
63 33.0 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 111.278 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041873.D

Acq: 1 Aug 2019 21:20

Instrument :

BNA_F

ClientSampleId :

TP-5

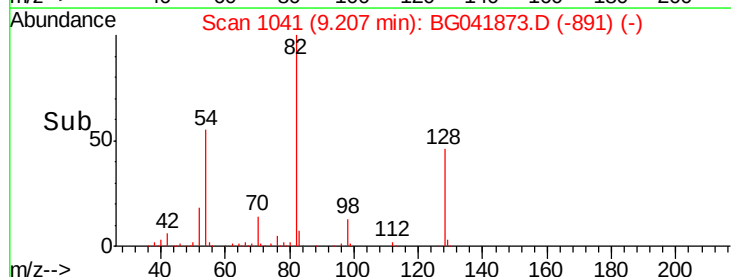
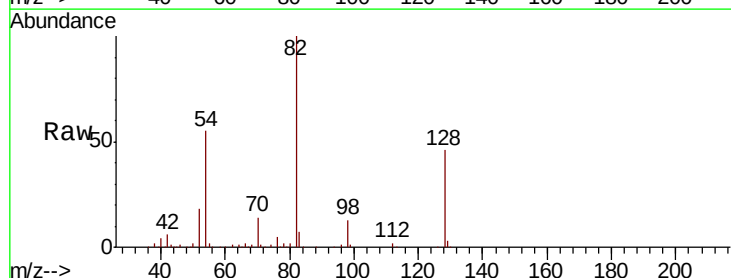
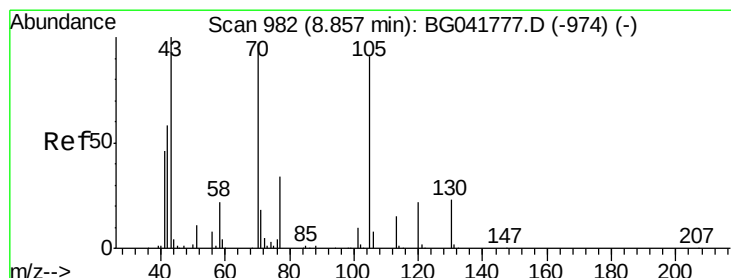
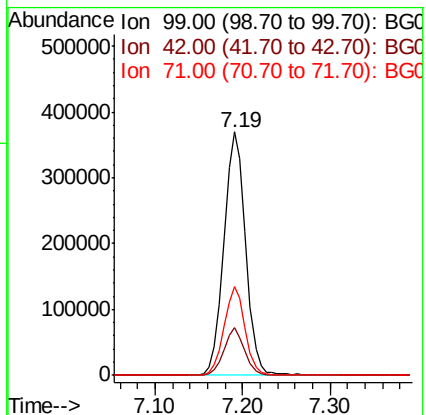
Tgt Ion: 99 Resp: 632638

Ion Ratio Lower Upper

99 100

42 19.4 17.6 26.4

71 36.2 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.414 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.35 min

Lab File: BG041873.D

Acq: 1 Aug 2019 21:20

Tgt Ion: 70 Resp: 63620

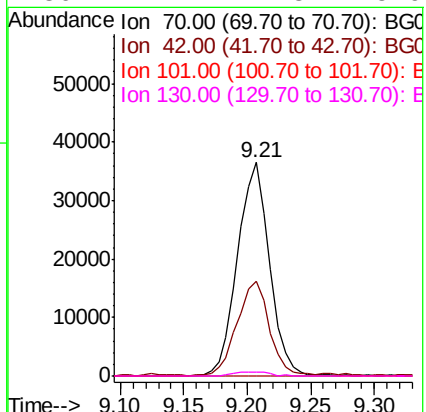
Ion Ratio Lower Upper

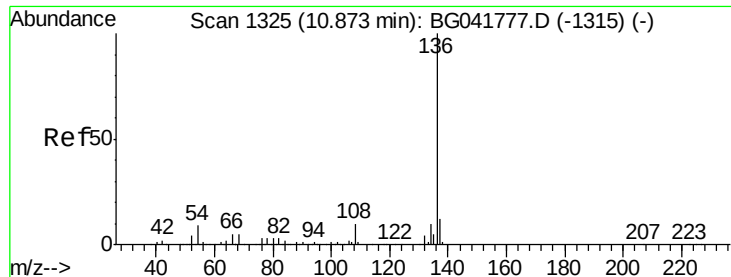
70 100

42 44.1 55.8 83.6#

101 0.0 8.1 12.1#

130 2.1 17.3 25.9#

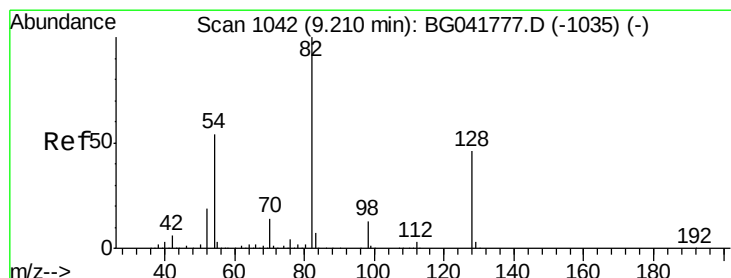
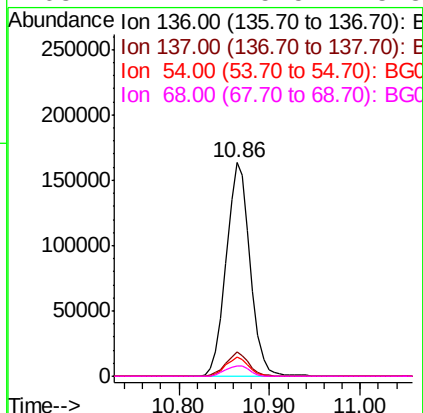
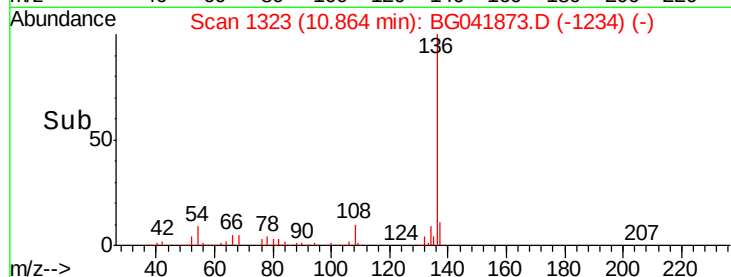
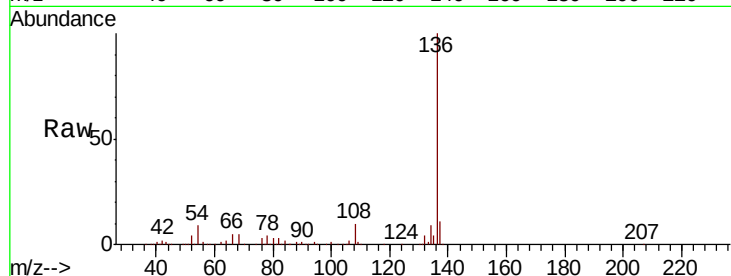




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG041873.D
Acq: 1 Aug 2019 21:20

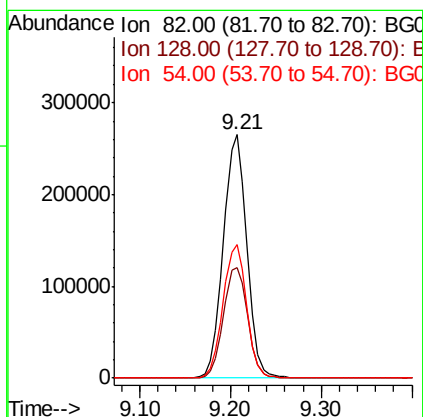
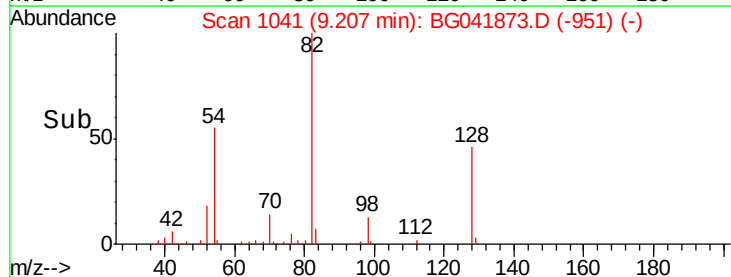
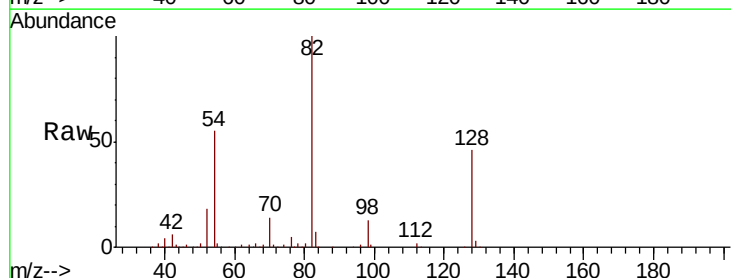
Instrument :
BNA_F
ClientSampled :
TP-5

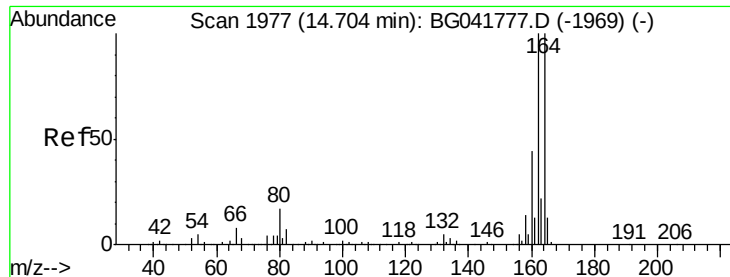
Tgt Ion:	136	Resp:	298294
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	9.1	8.7	13.1
68	4.7	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 110.014 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041873.D
Acq: 1 Aug 2019 21:20

Tgt Ion:	82	Resp:	476874
Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	54.6	48.7	73.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG041873.D

Acq: 1 Aug 2019 21:20

Instrument :

BNA_F

ClientSampleId :

TP-5

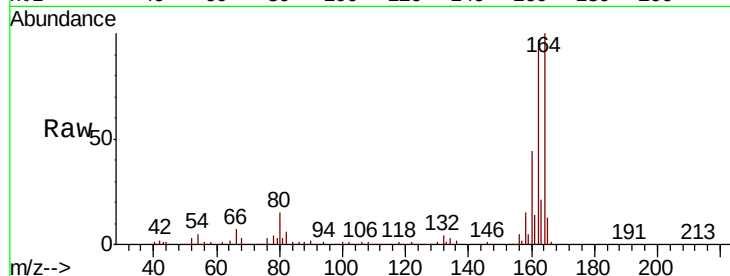
Tgt Ion:164 Resp: 199126

Ion Ratio Lower Upper

164 100

162 97.1 79.6 119.4

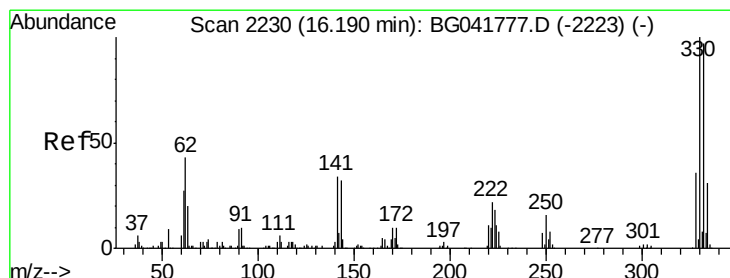
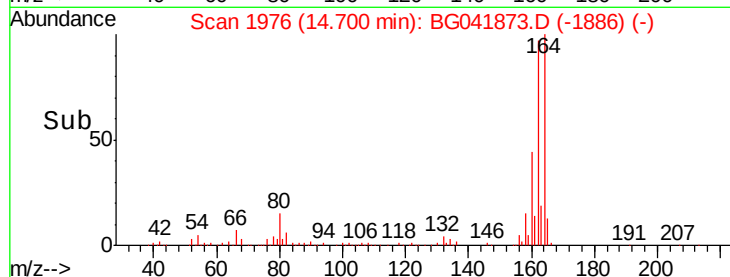
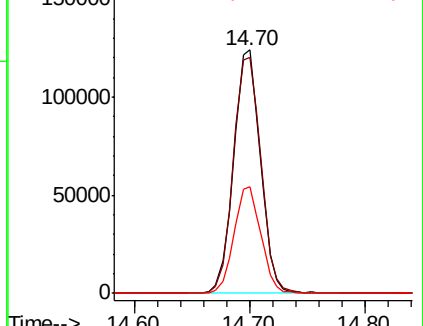
160 43.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 157.247 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG041873.D

Acq: 1 Aug 2019 21:20

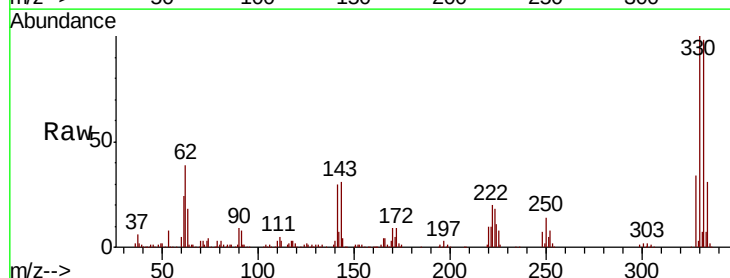
Tgt Ion:330 Resp: 355661

Ion Ratio Lower Upper

330 100

332 94.7 77.4 116.0

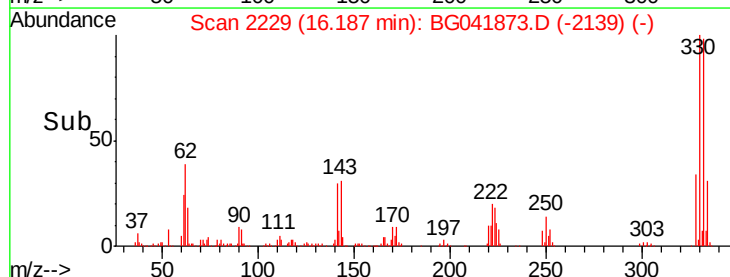
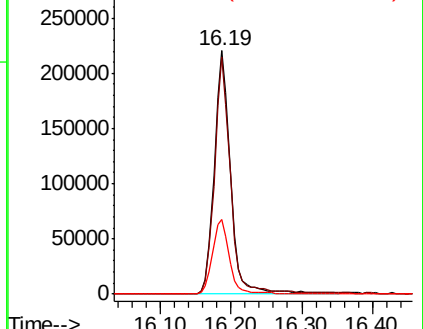
141 31.9 31.9 47.9#

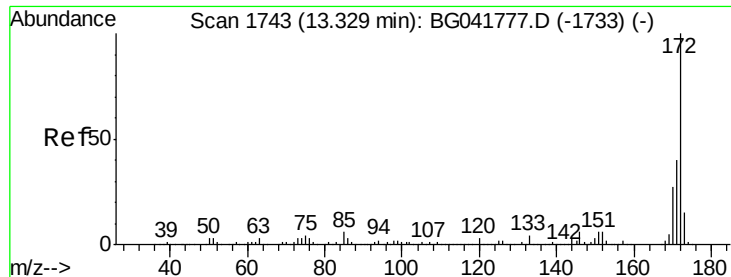


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

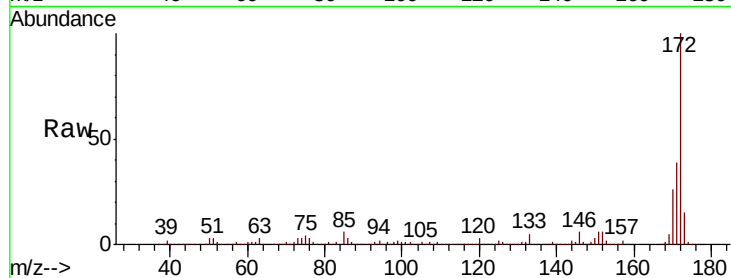




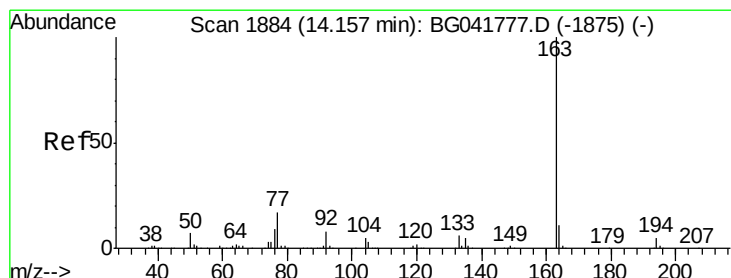
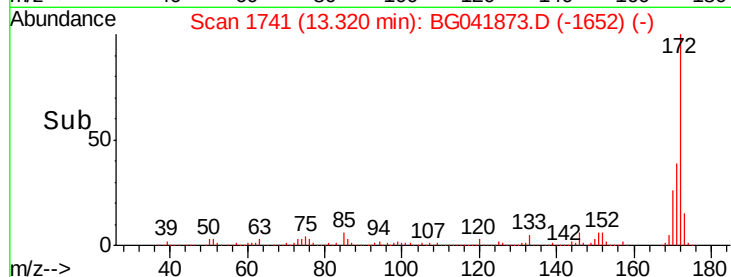
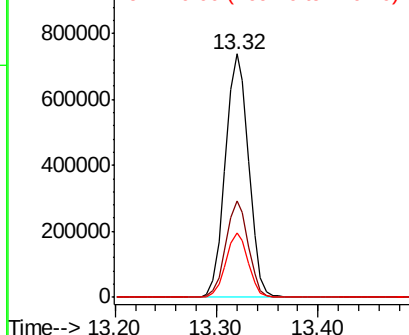
#45
2-Fluorobiphenyl
Concen: 104.397 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG041873.D
Acq: 1 Aug 2019 21:20

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:172 Resp: 1178653
Ion Ratio Lower Upper
172 100
171 39.4 35.0 52.4
170 26.2 23.5 35.3

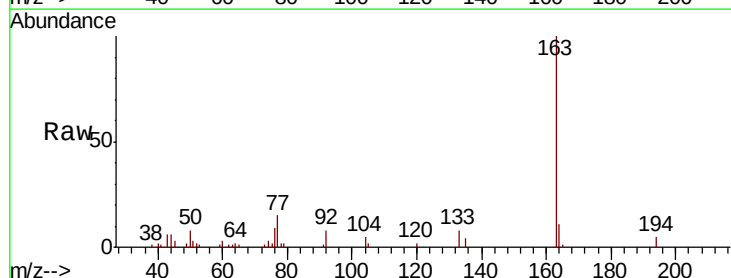


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

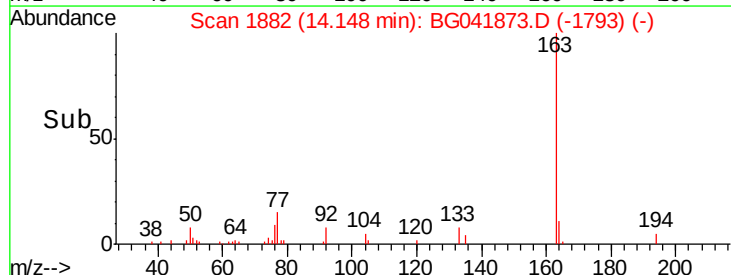
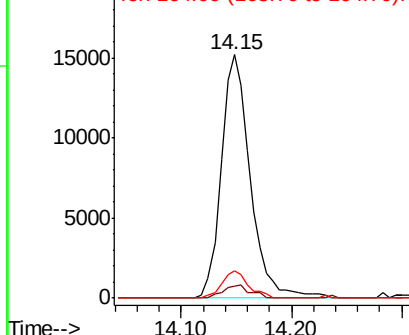


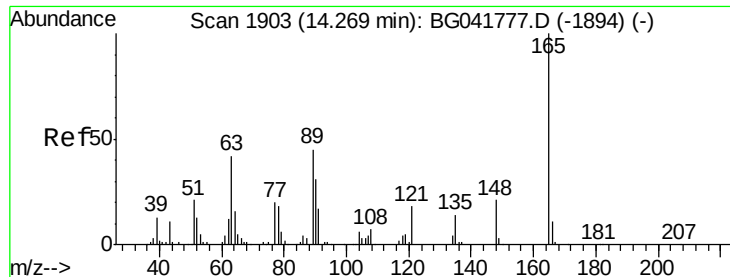
#50
Dimethylphthalate
Concen: 2.039 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG041873.D
Acq: 1 Aug 2019 21:20

Tgt Ion:163 Resp: 27733
Ion Ratio Lower Upper
163 100
194 4.9 4.2 6.2
164 11.0 9.4 14.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

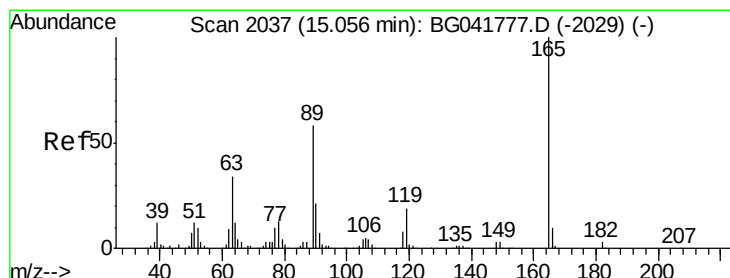
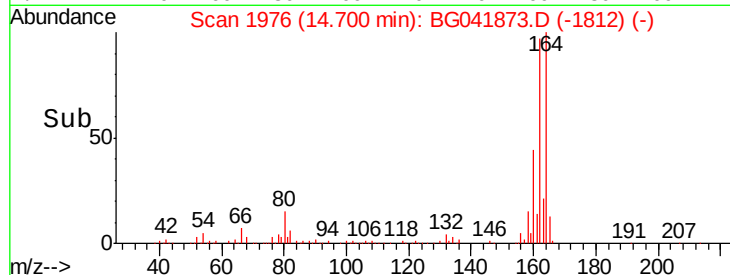
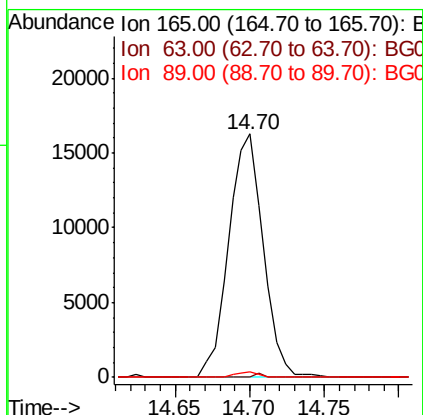
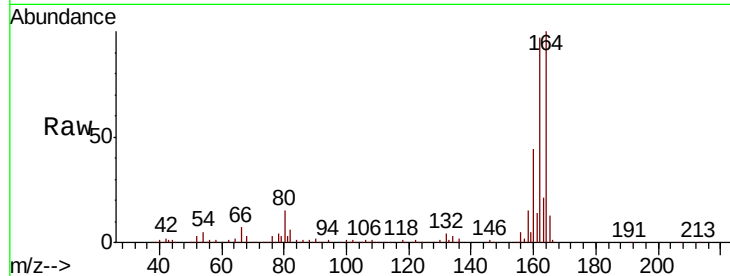




#51
 2,6-Dinitrotoluene
 Concen: 9.247 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.43 min
 Lab File: BG041873.D
 Acq: 1 Aug 2019 21:20

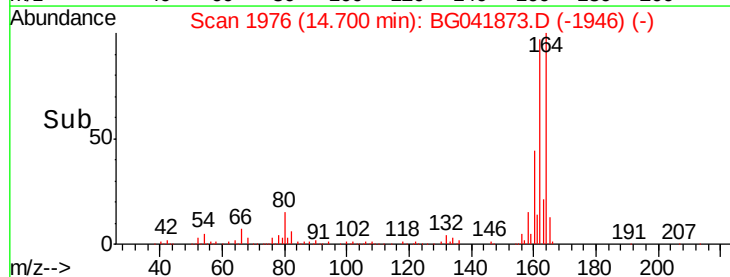
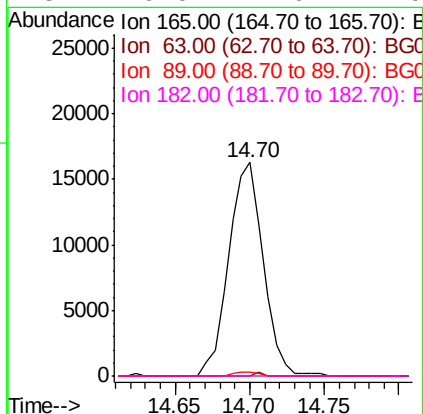
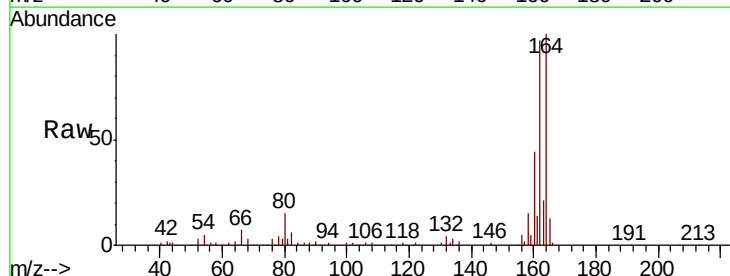
Instrument :
 BNA_F
 ClientSampleId :
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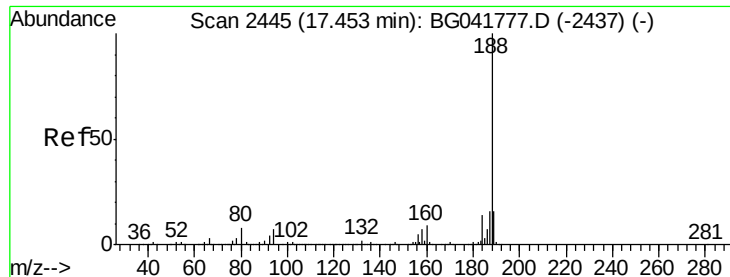
Tgt Ion:165 Resp: 26295
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.4 63.6#
 89 2.0 42.1 63.1#



#57
 2,4-Dinitrotoluene
 Concen: 6.724 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.36 min
 Lab File: BG041873.D
 Acq: 1 Aug 2019 21:20

Tgt Ion:165 Resp: 26295
 Ion Ratio Lower Upper
 165 100
 63 0.0 31.7 47.5#
 89 2.0 50.2 75.4#
 182 0.0 2.6 4.0#

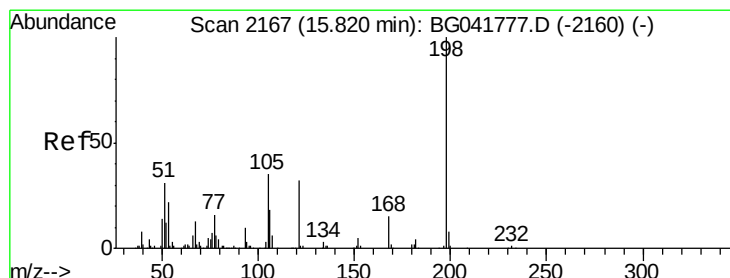
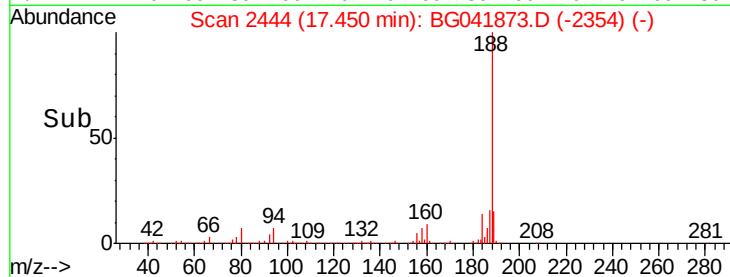
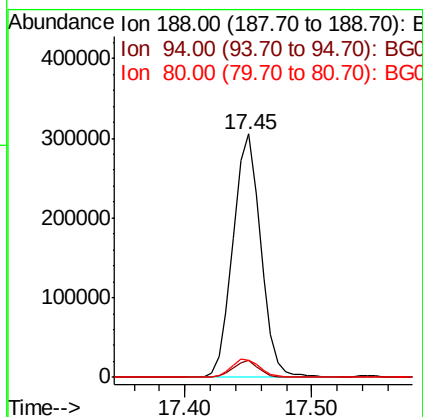
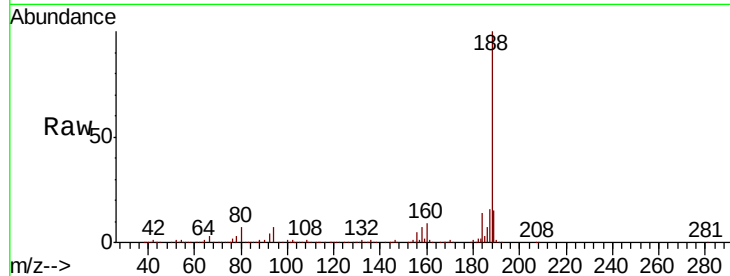




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG041873.D
 Acq: 1 Aug 2019 21:20

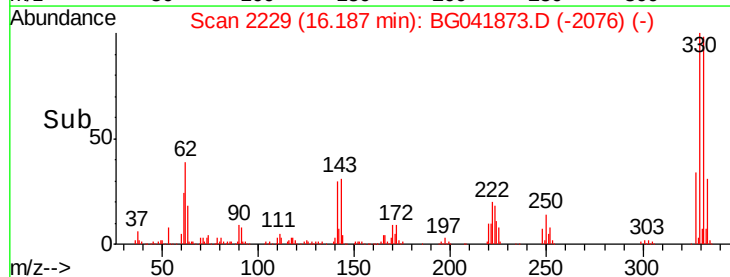
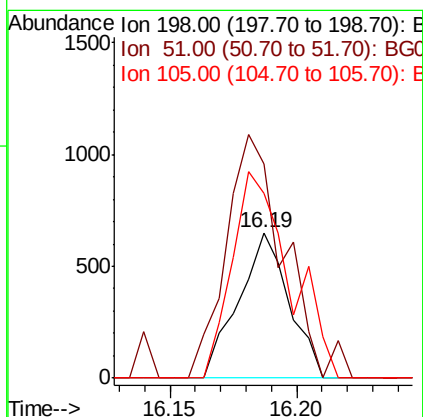
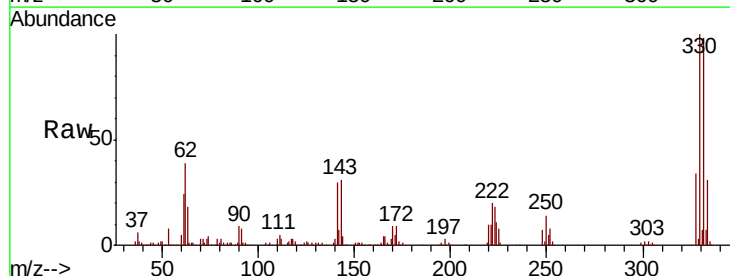
Instrument :
 BNA_F
 ClientSampleId :
 TP-5

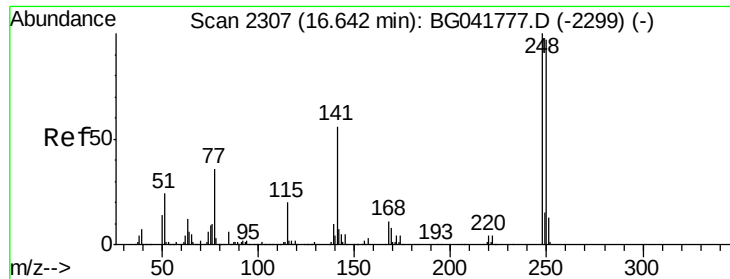
Tgt Ion:188 Resp: 462636
 Ion Ratio Lower Upper
 188 100
 94 6.8 6.9 10.3#
 80 7.1 8.0 12.0#



#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.191 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. 0.37 min
 Lab File: BG041873.D
 Acq: 1 Aug 2019 21:20

Tgt Ion:198 Resp: 895
 Ion Ratio Lower Upper
 198 100
 51 147.8 22.3 62.3#
 105 127.3 18.0 58.0#

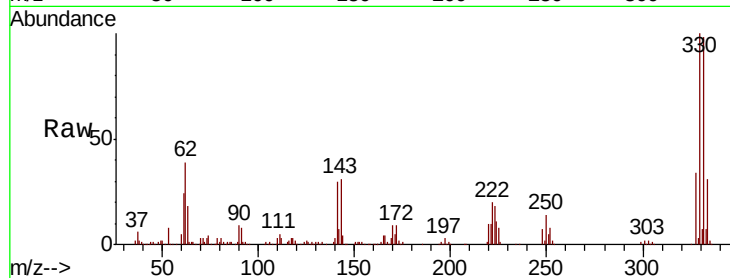




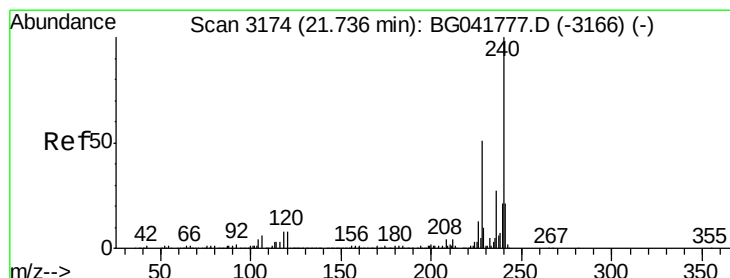
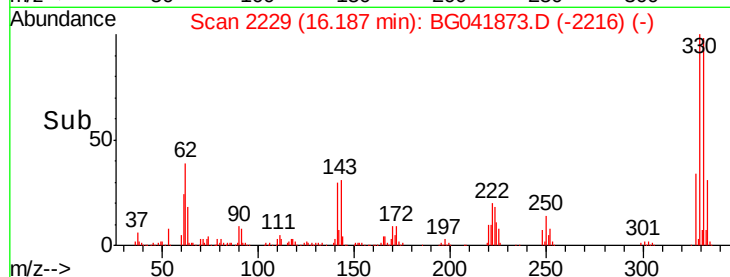
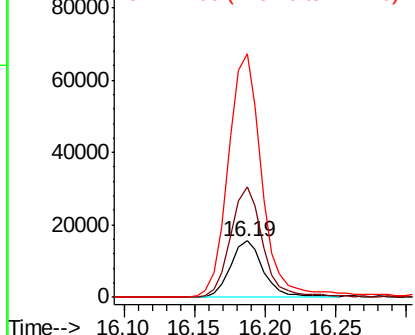
#67
4-Bromophenyl-phenylether
Concen: 4.478 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.46 min
Lab File: BG041873.D
Acq: 1 Aug 2019 21:20

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:248 Resp: 25518
Ion Ratio Lower Upper
248 100
250 196.4 78.1 117.1#
141 432.8 49.6 74.4#

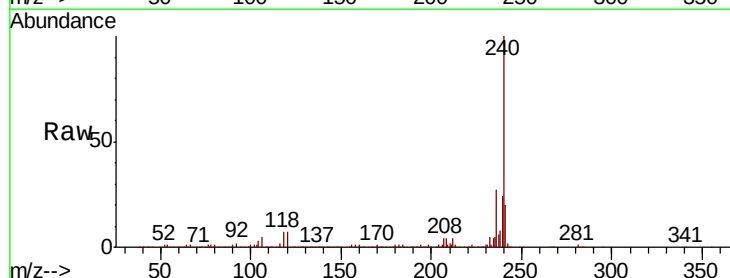


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

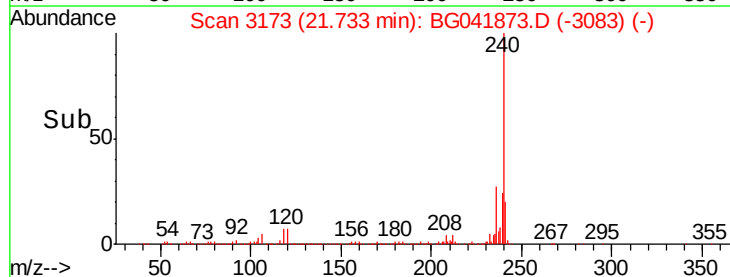
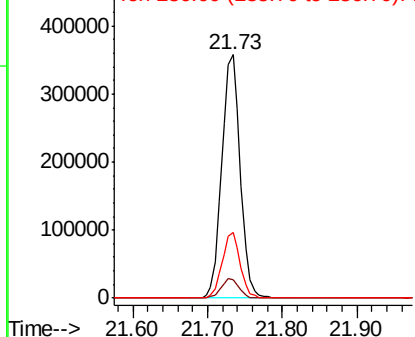


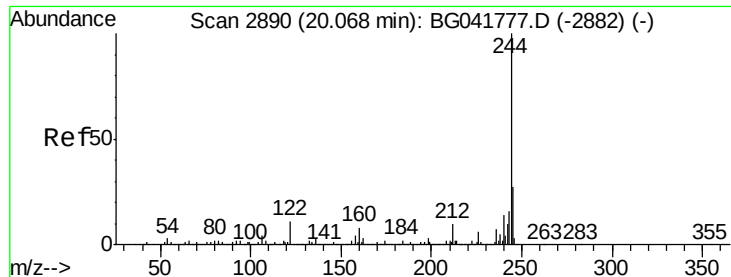
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG041873.D
Acq: 1 Aug 2019 21:20

Tgt Ion:240 Resp: 615306
Ion Ratio Lower Upper
240 100
120 7.5 8.0 12.0#
236 27.2 22.6 33.8



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: 84.905 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041873.D

Acq: 1 Aug 2019 21:20

Instrument :

BNA_F

ClientSampleId :

TP-5

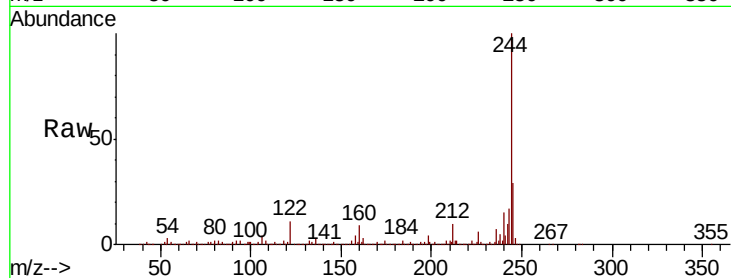
Tgt Ion:244 Resp: 2283069

Ion Ratio Lower Upper

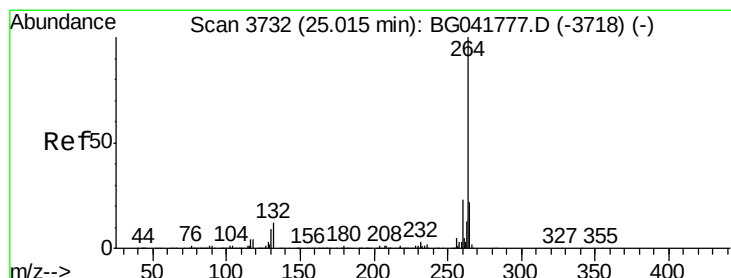
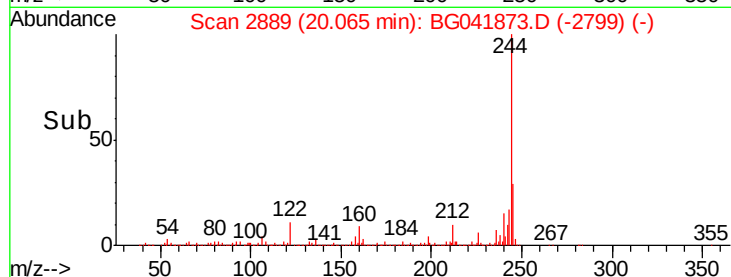
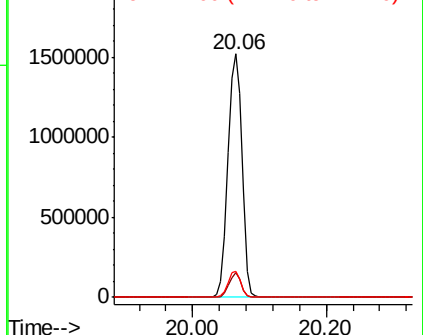
244 100

212 10.1 9.7 14.5

122 10.9 12.5 18.7#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041873.D

Acq: 1 Aug 2019 21:20

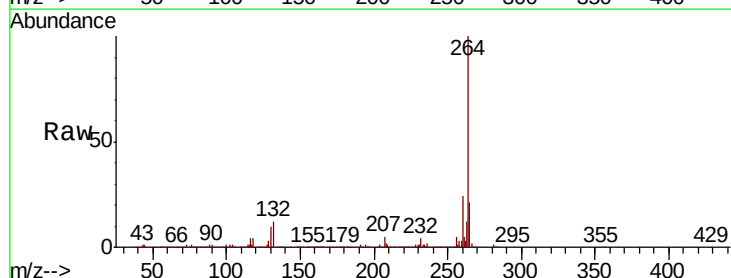
Tgt Ion:264 Resp: 730746

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.5 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

