

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
 Data File : BG041872.D
 Acq On : 1 Aug 2019 20:42
 Operator : HP/JU
 Sample : K4044-04RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Aug 02 01:34:14 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

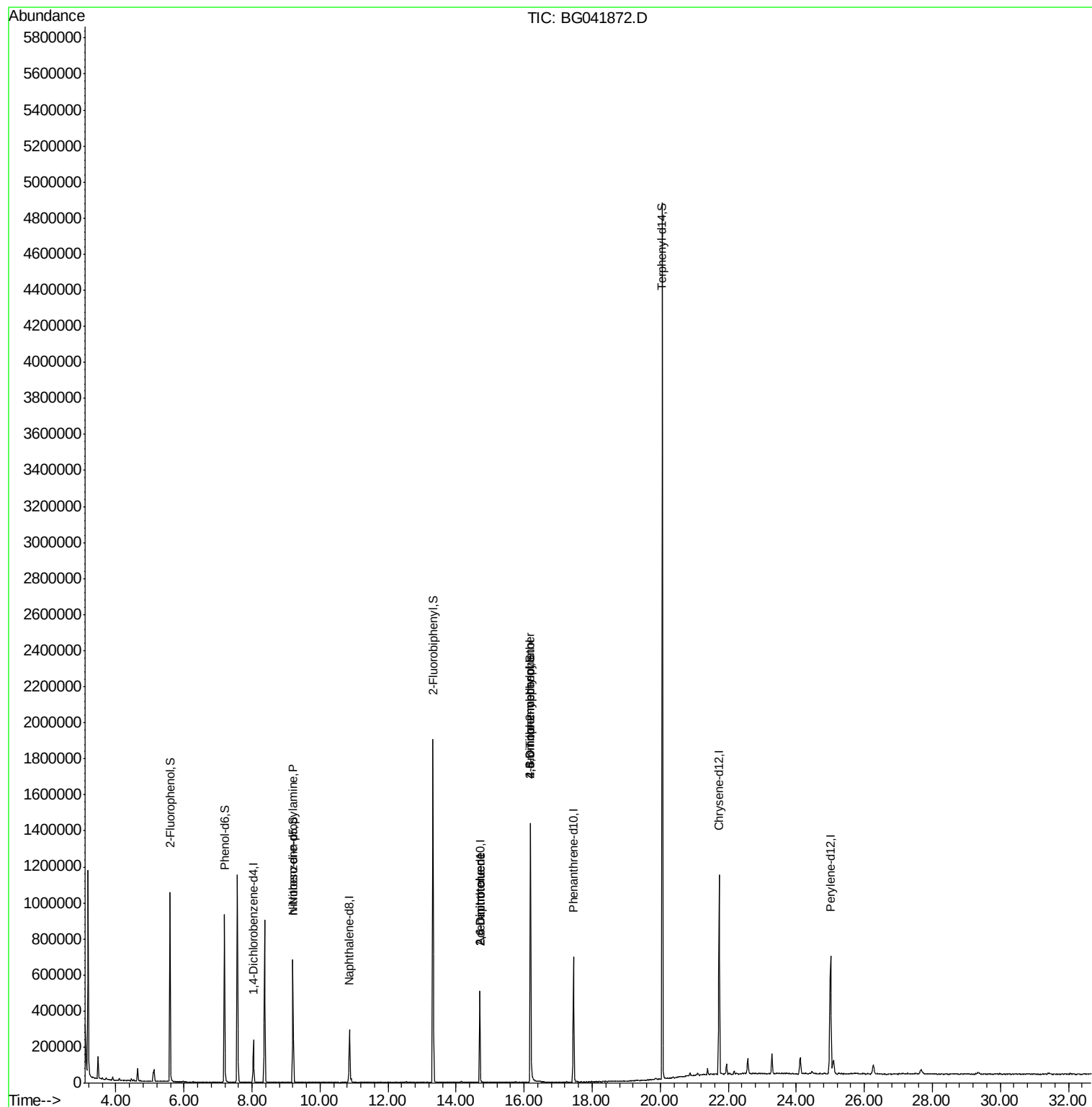
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	72404	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	275690	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	188159	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	454591	20.00	ng	0.00
76) Chrysene-d12	21.73	240	659805	20.00	ng	0.00
87) Perylene-d12	25.01	264	778907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	464836	124.91	ng	0.00
7) Phenol-d6	7.19	99	575039	114.62	ng	0.00
23) Nitrobenzene-d5	9.20	82	418016	104.34	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	328337	153.63	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1059350	99.30	ng	0.00
79) Terphenyl-d14	20.06	244	2228599	77.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	54149	14.866	ng	# 69
51) 2,6-Dinitrotoluene	14.70	165	24332	9.055	ng	# 27
57) 2,4-Dinitrotoluene	14.70	165	24332	6.585	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.18	198	721	7.130	ng	# 13
67) 4-Bromophenyl-phenylether	16.19	248	23838	4.257	ng	# 1

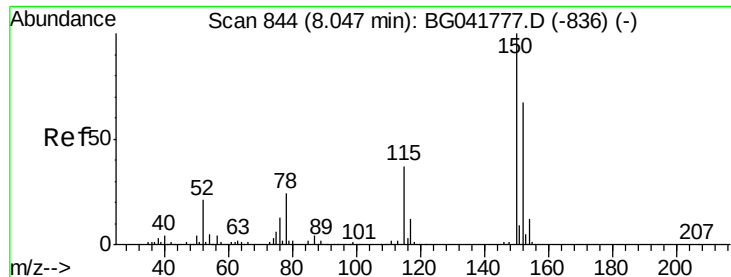
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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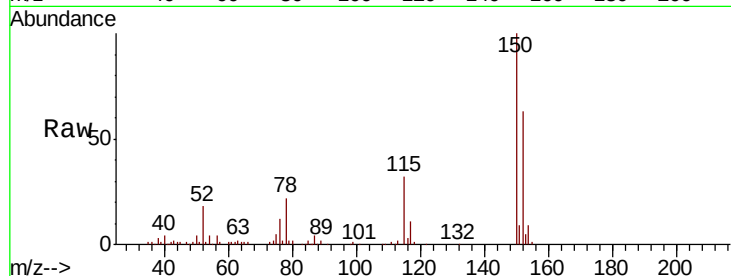


#1

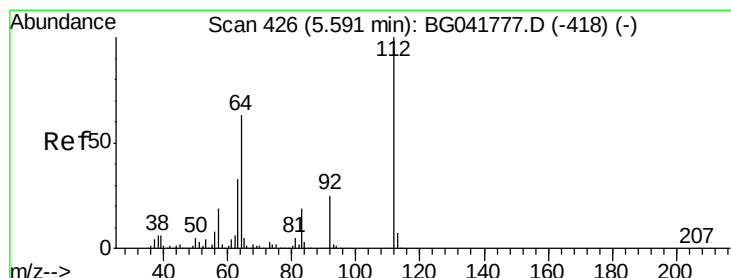
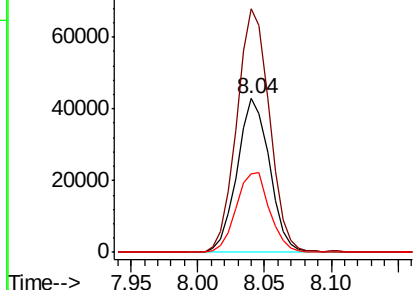
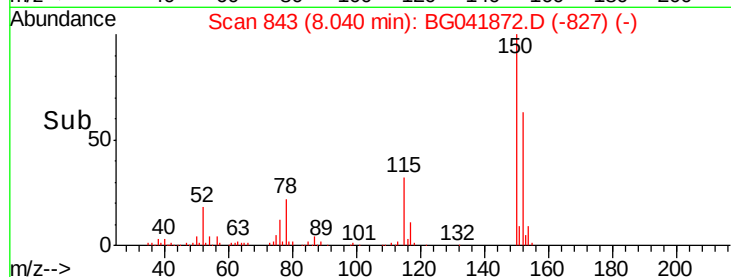
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041872.D
Acq: 1 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 72404
Ion Ratio Lower Upper
152 100
150 158.2 126.9 190.3
115 51.2 45.0 67.6



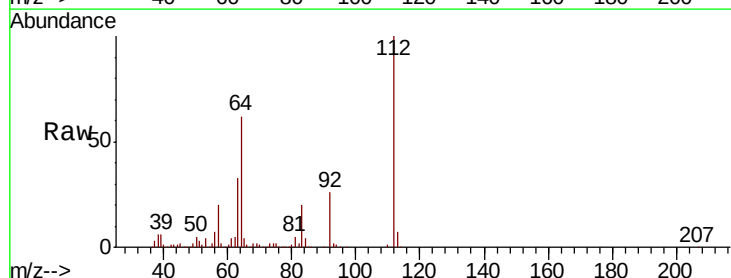
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



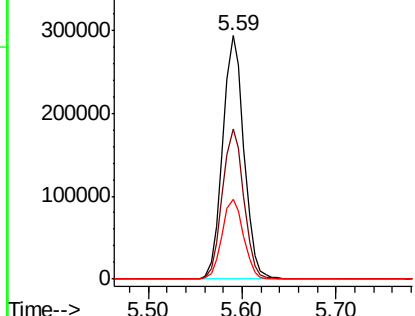
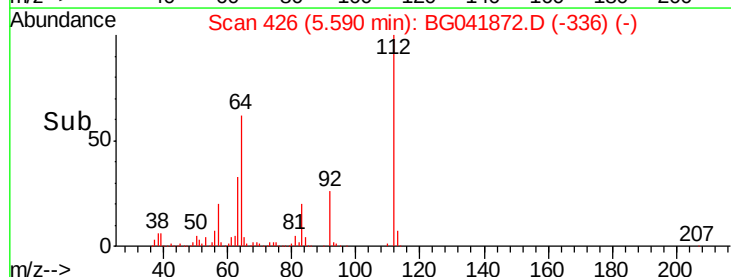
#5

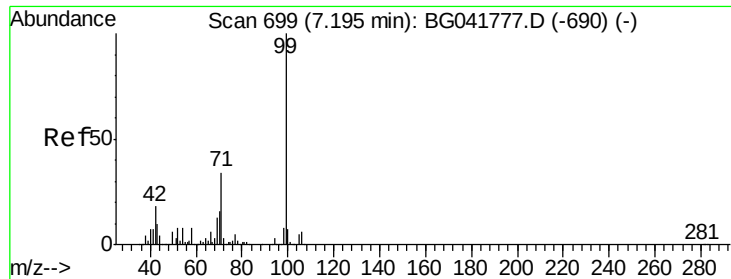
2-Fluorophenol
Concen: 124.909 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG041872.D
Acq: 1 Aug 2019 20:42

Tgt Ion:112 Resp: 464836
Ion Ratio Lower Upper
112 100
64 61.9 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: 114.618 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041872.D

Acq: 1 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

TP-6

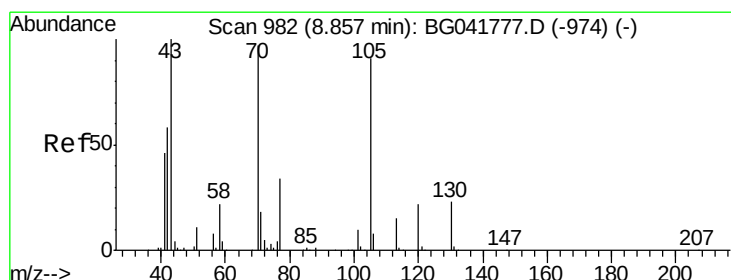
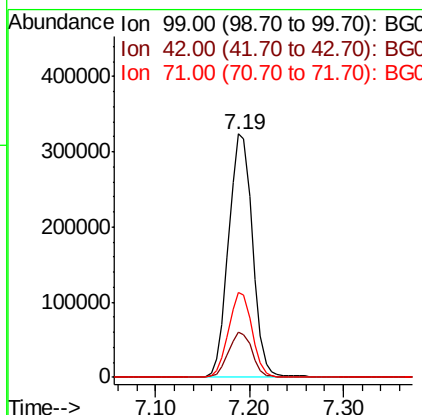
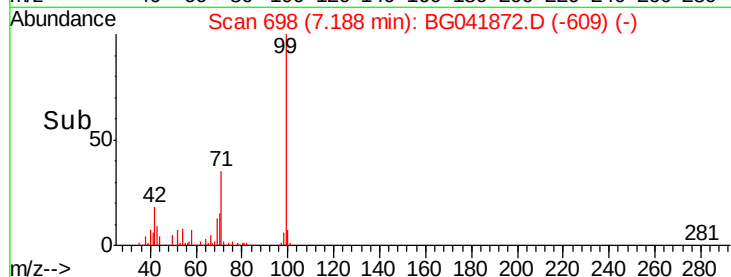
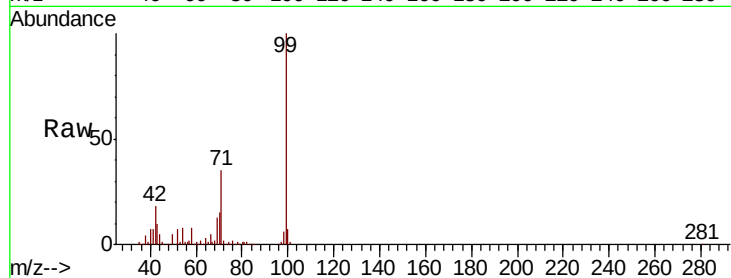
Tgt Ion: 99 Resp: 575039

Ion Ratio Lower Upper

99 100

42 18.4 17.6 26.4

71 35.1 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 14.866 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.35 min

Lab File: BG041872.D

Acq: 1 Aug 2019 20:42

Tgt Ion: 70 Resp: 54149

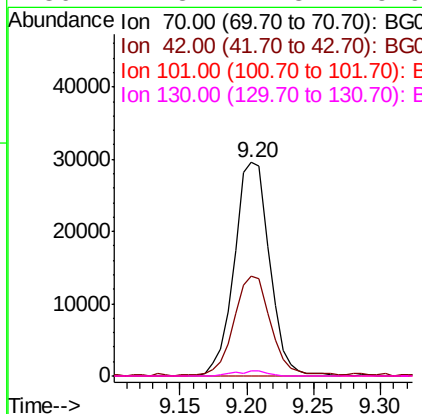
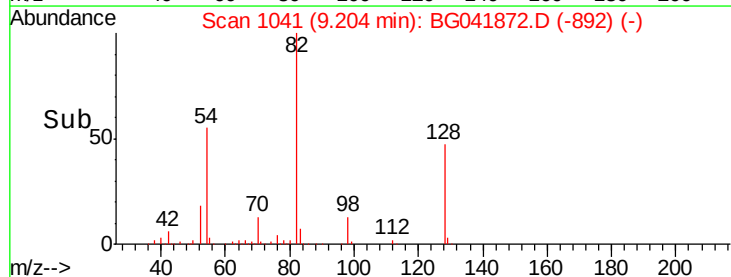
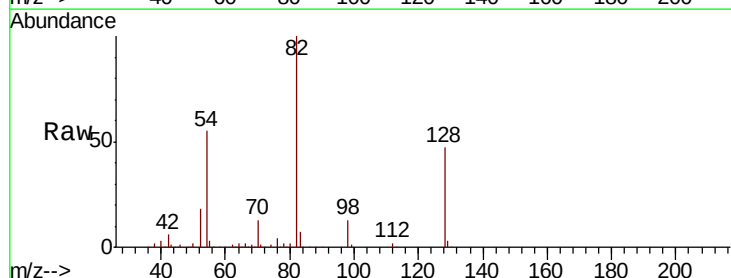
Ion Ratio Lower Upper

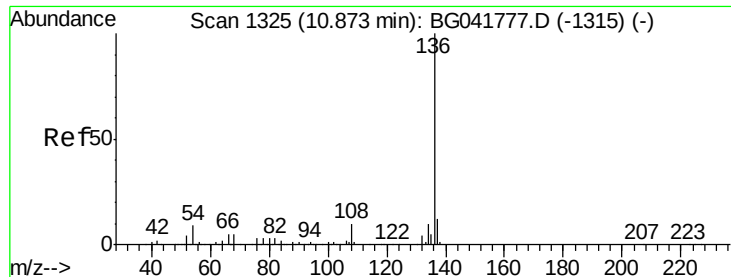
70 100

42 46.6 55.8 83.6#

101 0.0 8.1 12.1#

130 2.3 17.3 25.9#

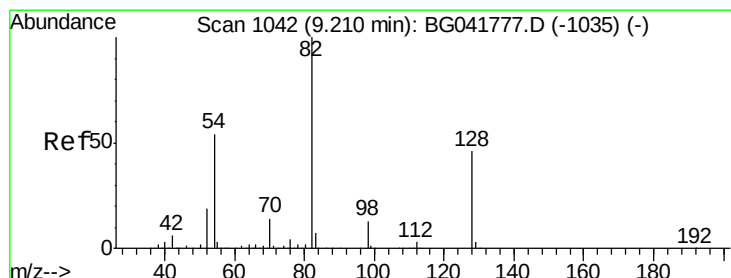
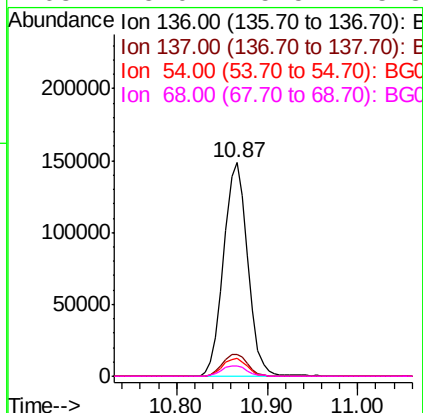
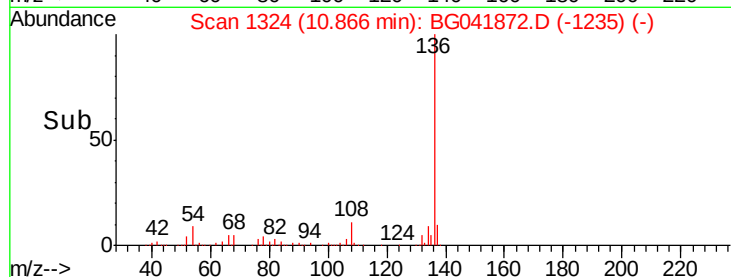
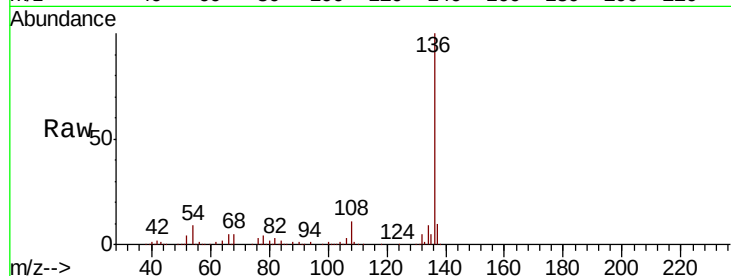




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041872.D
Acq: 1 Aug 2019 20:42

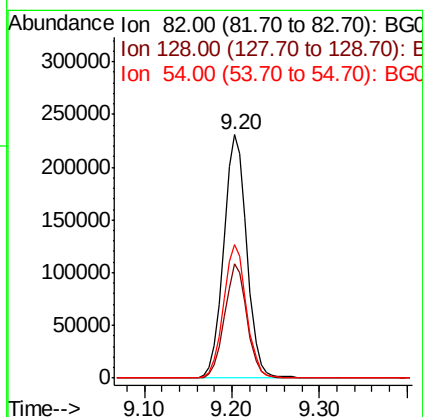
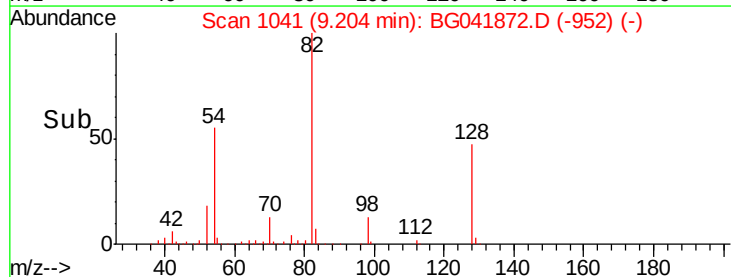
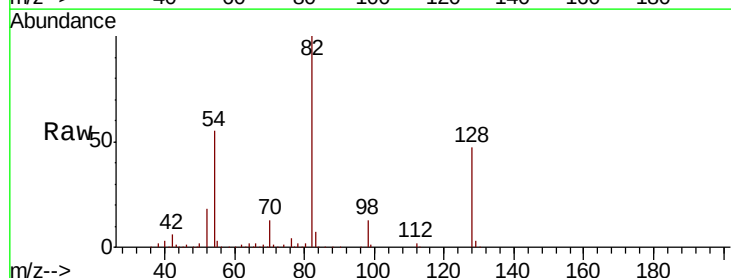
Instrument :
BNA_F
ClientSampleId :
TP-6

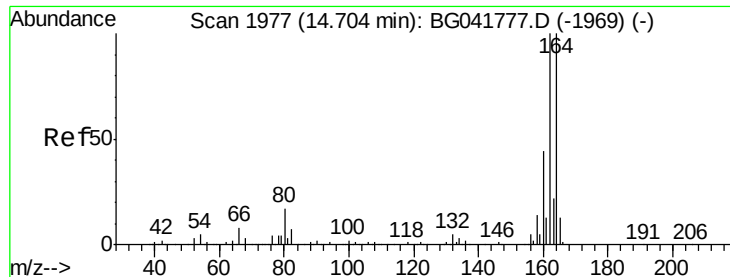
Tgt Ion:	136	Resp:	275690
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	8.7	8.5	13.1#
68	5.0	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 104.343 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041872.D
Acq: 1 Aug 2019 20:42

Tgt Ion:	82	Resp:	418016
Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.1	52.7
54	54.7	48.7	73.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041872.D

Acq: 1 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

TP-6

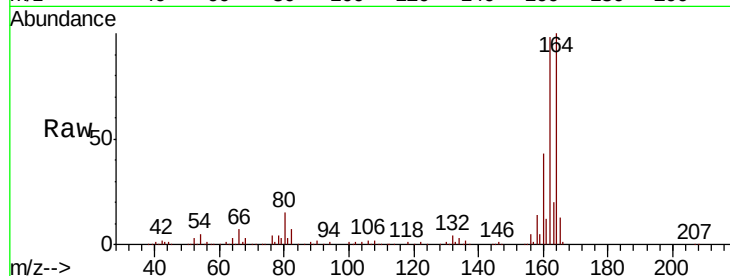
Tgt Ion:164 Resp: 188159

Ion Ratio Lower Upper

164 100

162 98.5 79.6 119.4

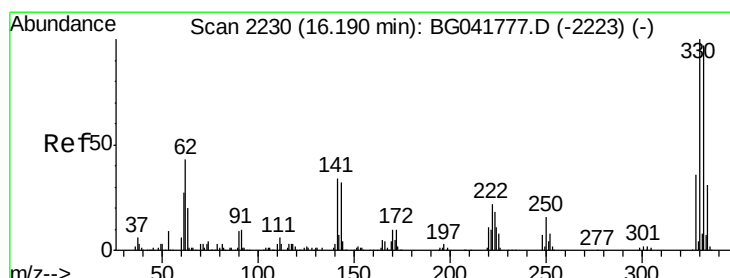
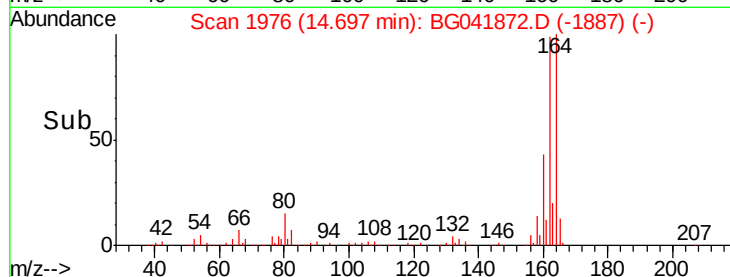
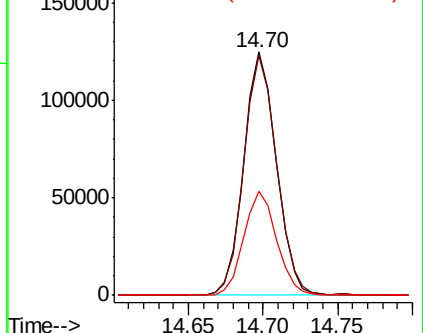
160 43.0 35.4 53.0



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: 153.627 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG041872.D

Acq: 1 Aug 2019 20:42

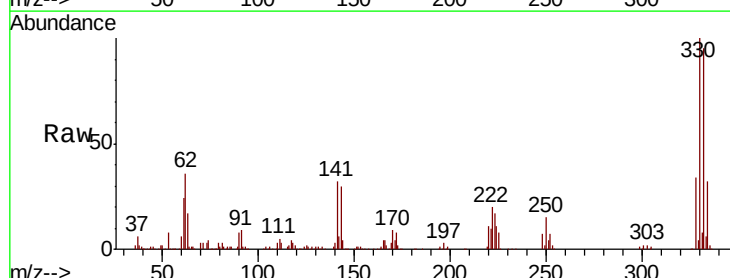
Tgt Ion:330 Resp: 328337

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

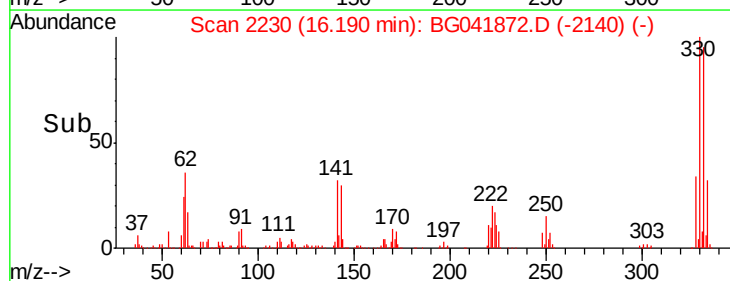
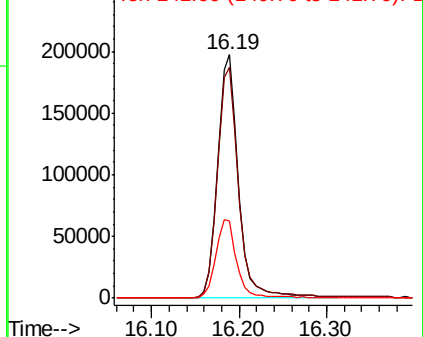
141 32.7 31.9 47.9

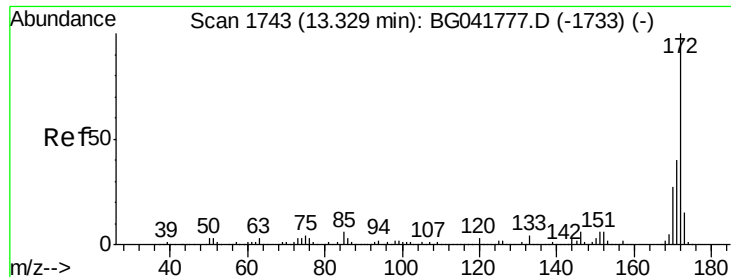


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

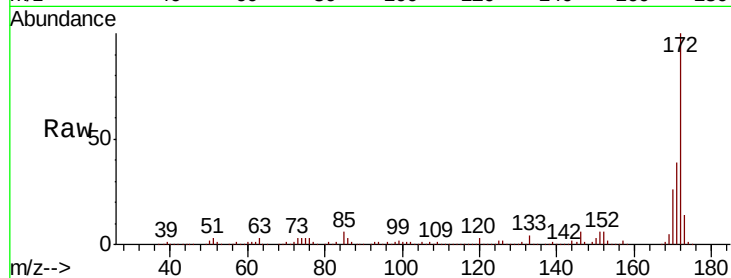




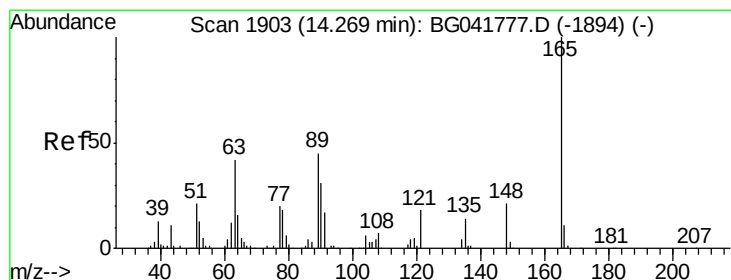
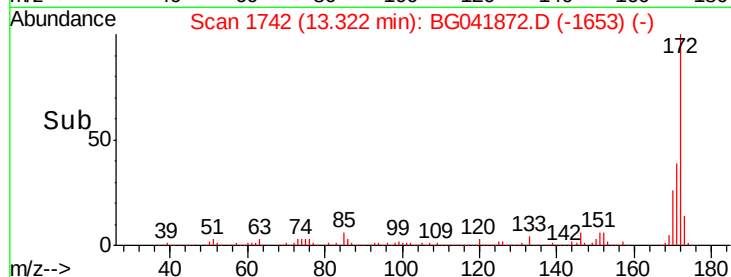
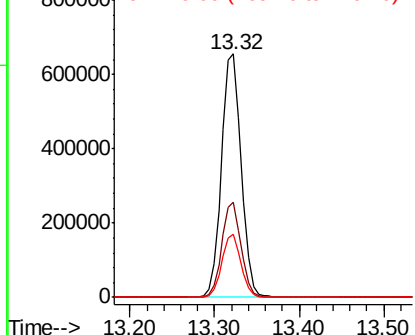
#45
 2-Fluorobiphenyl
 Concen: 99.299 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041872.D
 Acq: 1 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:172 Resp: 1059350
 Ion Ratio Lower Upper
 172 100
 171 39.0 35.0 52.4
 170 25.9 23.5 35.3

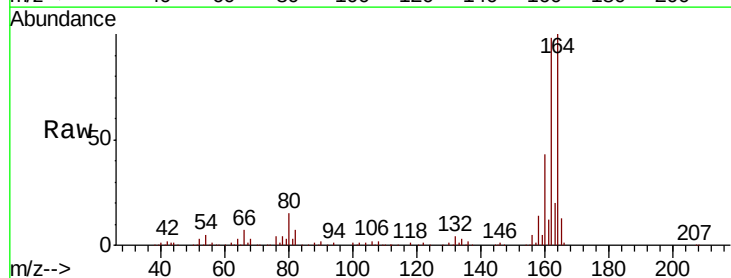


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

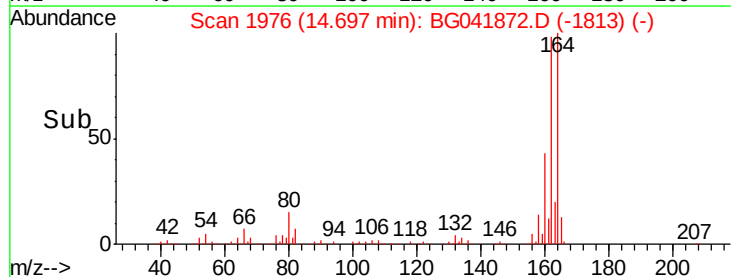
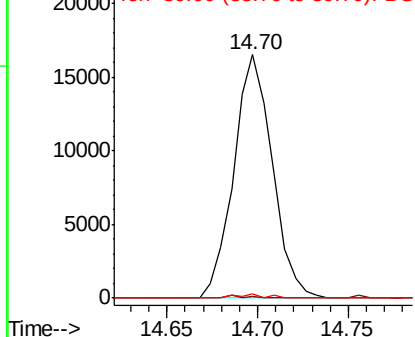


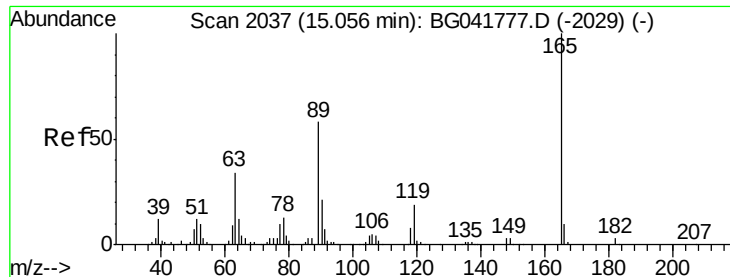
#51
 2,6-Dinitrotoluene
 Concen: 9.055 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.43 min
 Lab File: BG041872.D
 Acq: 1 Aug 2019 20:42

Tgt Ion:165 Resp: 24332
 Ion Ratio Lower Upper
 165 100
 63 1.0 42.4 63.6#
 89 1.6 42.1 63.1#



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

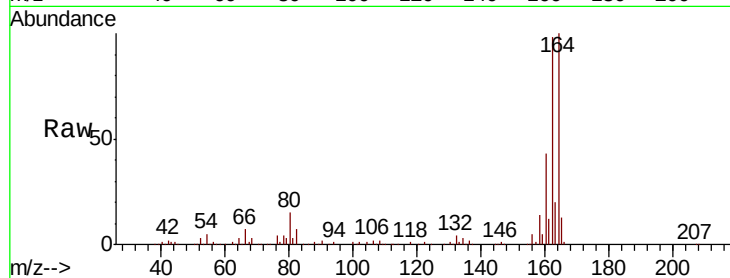




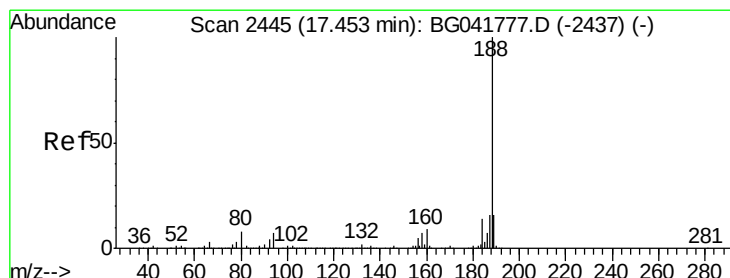
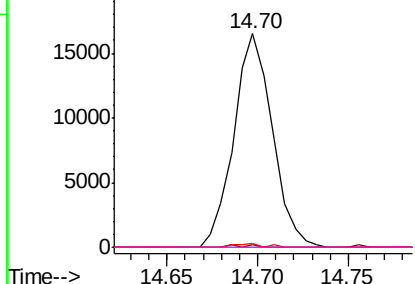
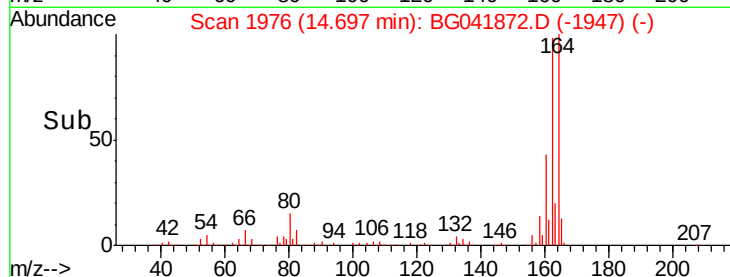
#57
 2,4-Dinitrotoluene
 Concen: 6.585 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.36 min
 Lab File: BG041872.D
 Acq: 1 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:165 Resp: 24332
 Ion Ratio Lower Upper
 165 100
 63 1.0 31.7 47.5#
 89 1.6 50.2 75.4#
 182 0.0 2.6 4.0#

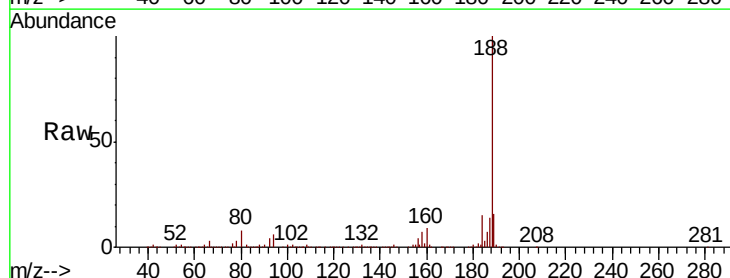


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

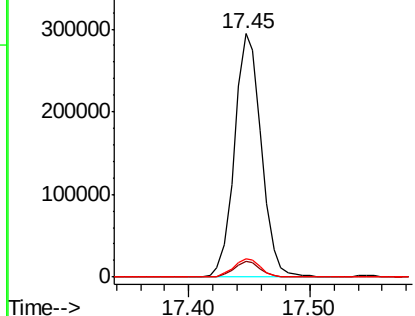
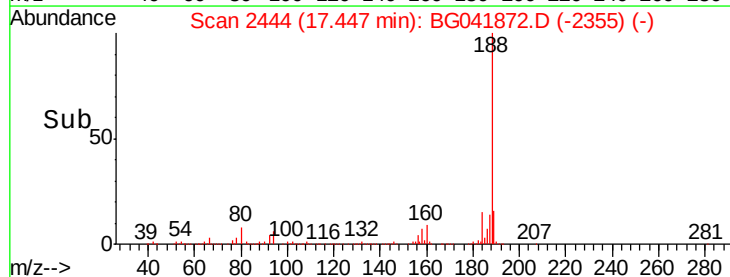


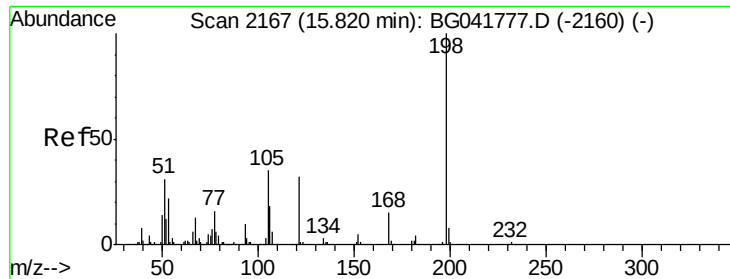
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BG041872.D
 Acq: 1 Aug 2019 20:42

Tgt Ion:188 Resp: 454591
 Ion Ratio Lower Upper
 188 100
 94 6.4 6.9 10.3#
 80 7.7 8.0 12.0#



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

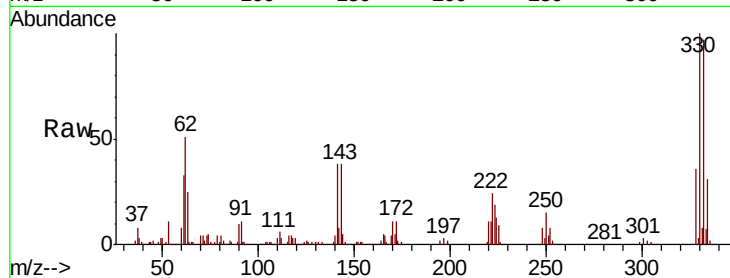




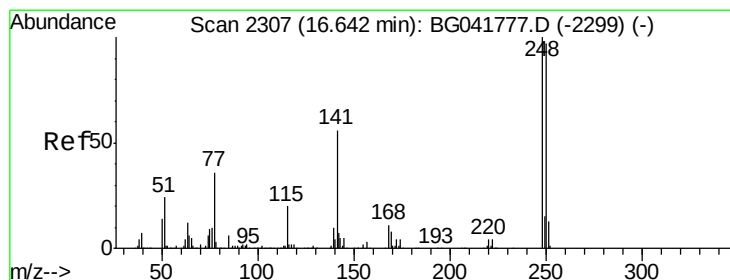
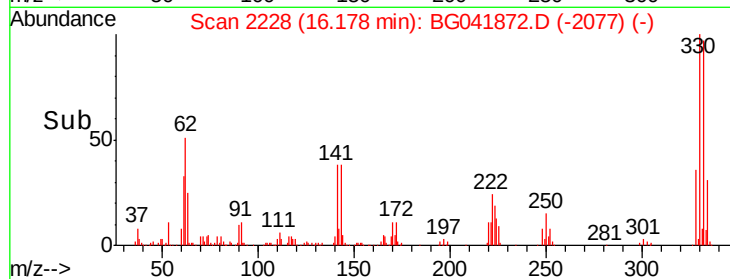
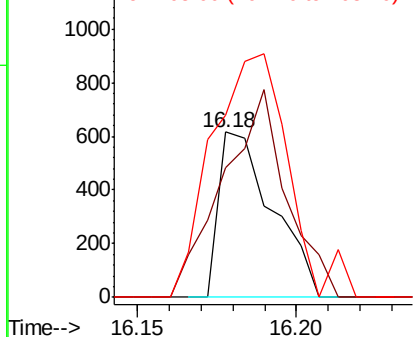
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.130 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. 0.36 min
 Lab File: BG041872.D
 Acq: 1 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:198 Resp: 721
 Ion Ratio Lower Upper
 198 100
 51 78.4 22.3 62.3#
 105 110.4 18.0 58.0#

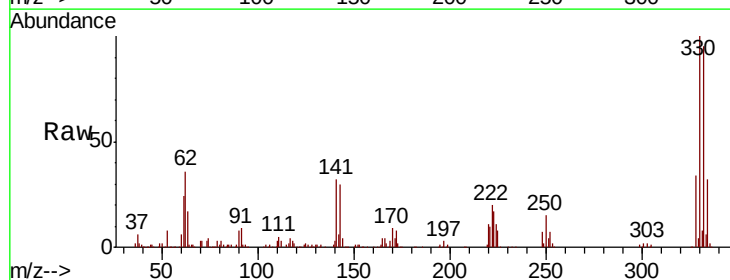


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

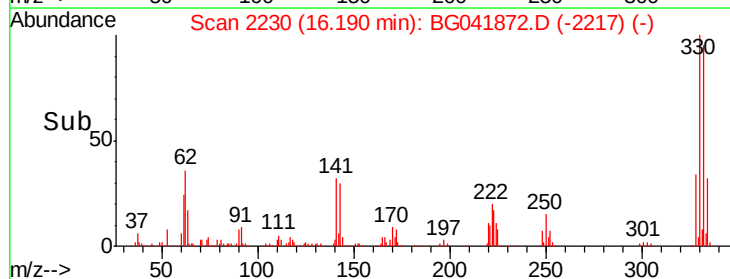
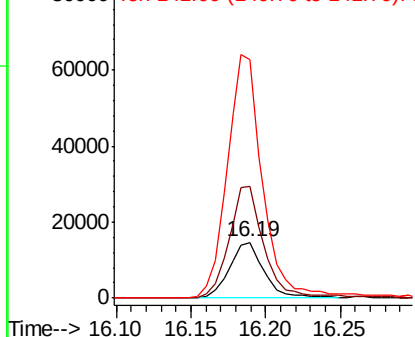


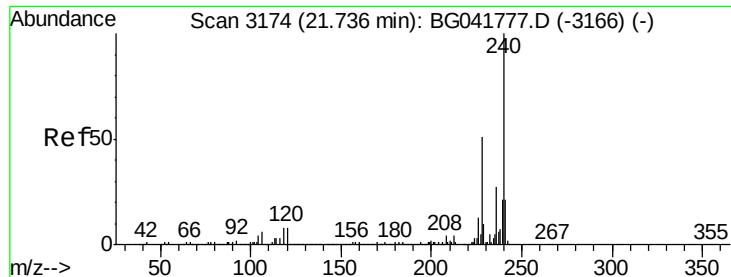
#67
 4-Bromophenyl-phenylether
 Concen: 4.257 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.45 min
 Lab File: BG041872.D
 Acq: 1 Aug 2019 20:42

Tgt Ion:248 Resp: 23838
 Ion Ratio Lower Upper
 248 100
 250 199.9 78.1 117.1#
 141 425.1 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

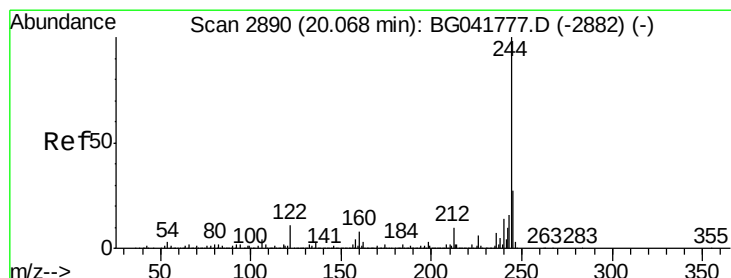
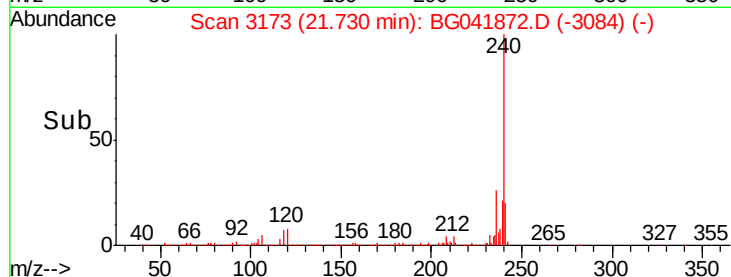
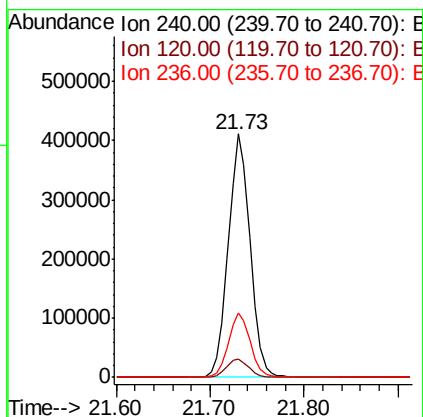
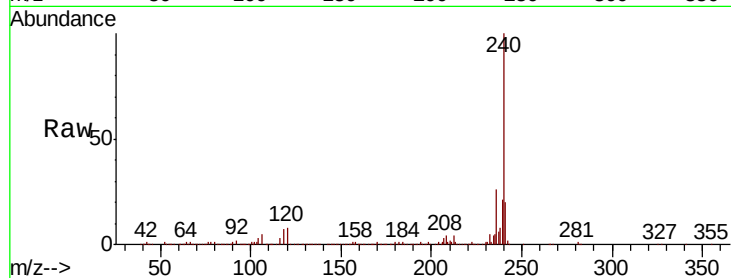




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041872.D
Acq: 1 Aug 2019 20:42

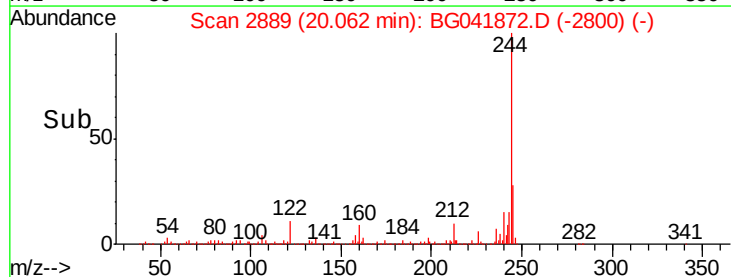
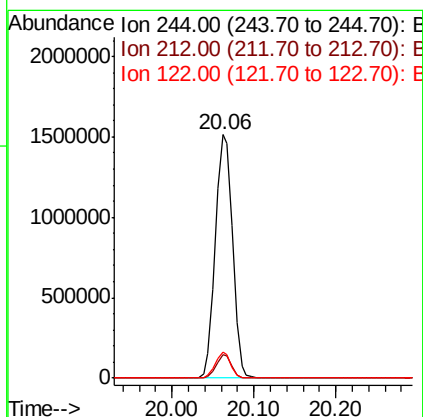
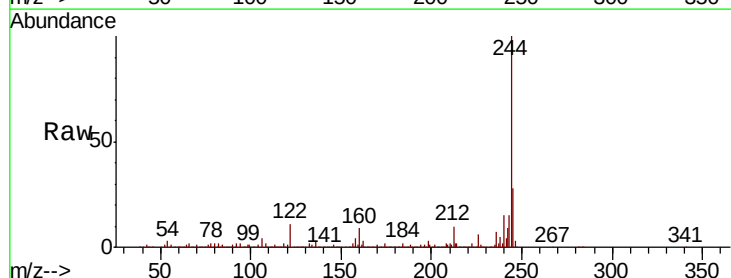
Instrument :
BNA_F
ClientSampled :
TP-6

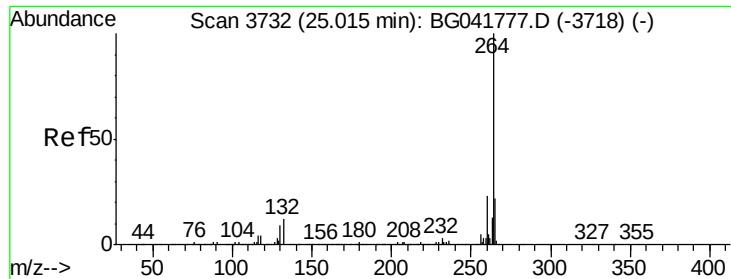
Tgt Ion:240 Resp: 659805
Ion Ratio Lower Upper
240 100
120 7.6 8.0 12.0#
236 26.5 22.6 33.8



#79
Terphenyl-d14
Concen: 77.290 ng
RT: 20.06 min Scan# 2889
Delta R.T. -0.01 min
Lab File: BG041872.D
Acq: 1 Aug 2019 20:42

Tgt Ion:244 Resp: 2228599
Ion Ratio Lower Upper
244 100
212 9.7 9.7 14.5
122 10.9 12.5 18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG041872.D
Acq: 1 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.6	18.0	27.0

