

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
 Data File : BG042288.D
 Acq On : 17 Aug 2019 13:32
 Operator : HP/JU
 Sample : K4356-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Aug 19 05:56:36 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

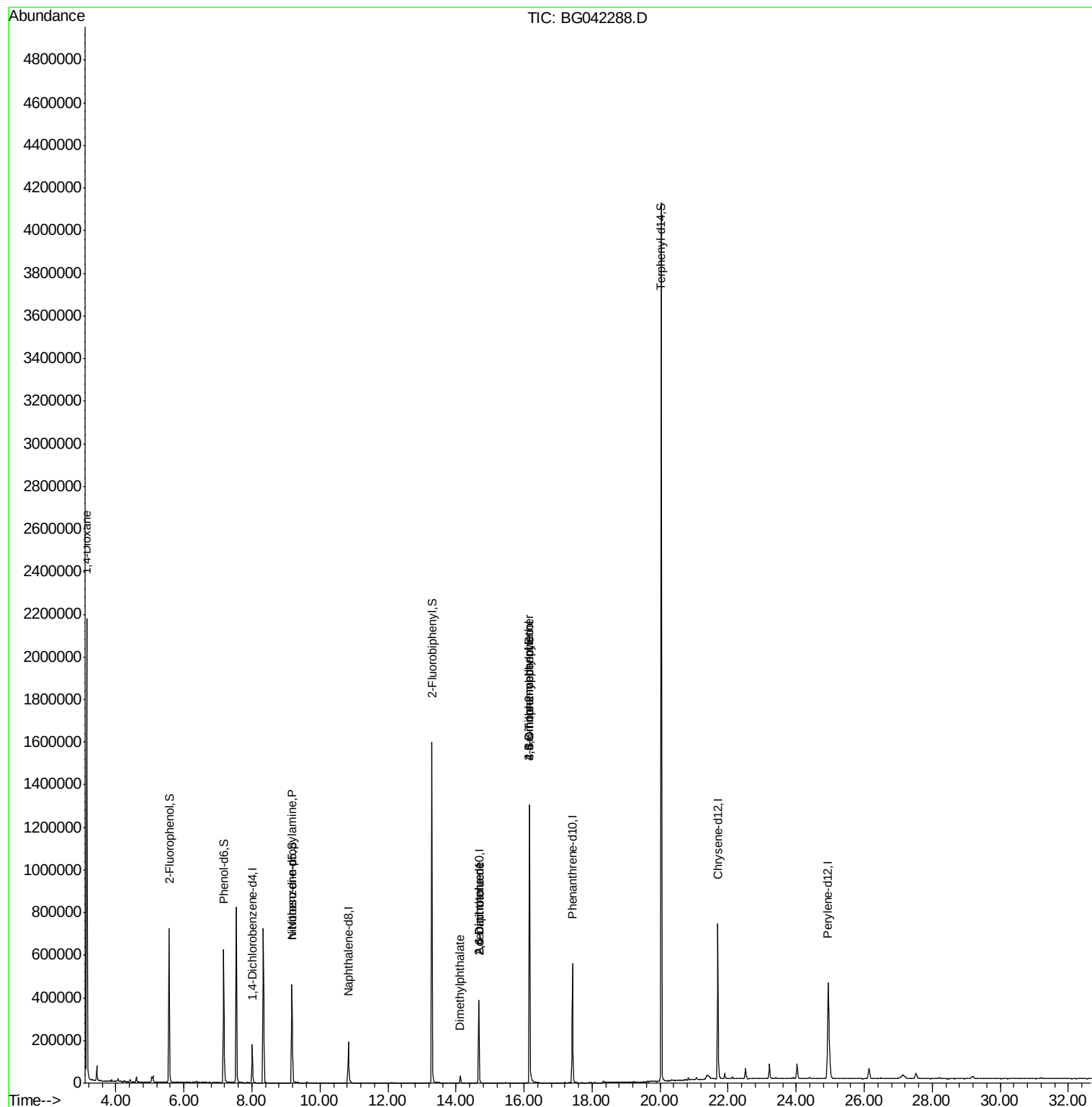
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60724	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	219428	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	161675	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	397475	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	467302	20.00	ng	-0.04
87) Perylene-d12	24.94	264	535865	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	370582	118.74	ng	-0.03
7) Phenol-d6	7.17	99	448974	106.70	ng	-0.02
23) Nitrobenzene-d5	9.18	82	315124	98.83	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	340527	185.43	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	968520	105.66	ng	-0.04
79) Terphenyl-d14	20.03	244	1976839	96.80	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.14	88	22263	15.155	ng	# 1
19) n-Nitroso-di-n-propylamine	9.18	70	39712	13.000	ng	# 62
50) Dimethylphthalate	14.12	163	44478	4.028	ng	# 98
51) 2,6-Dinitrotoluene	14.67	165	20563	8.906	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	20563	6.476	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.16	198	774	7.193	ng	# 17
67) 4-Bromophenyl-phenylether	16.16	248	24312	4.966	ng	# 1

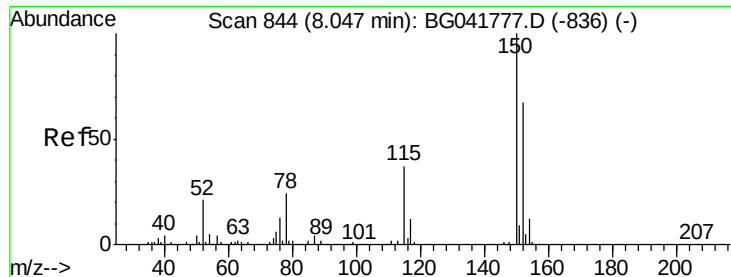
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.04 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

Instrument :

BNA_G

ClientSampleId :

TP-7

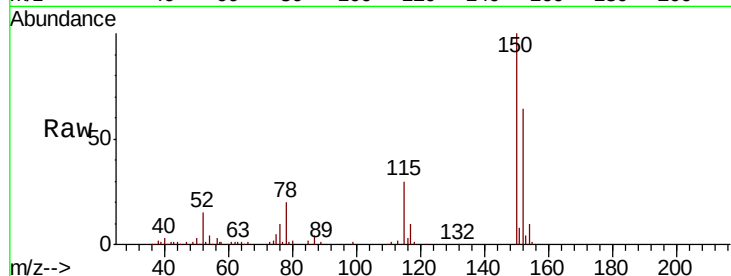
Tgt Ion:152 Resp: 60724

Ion Ratio Lower Upper

152 100

150 155.2 126.9 190.3

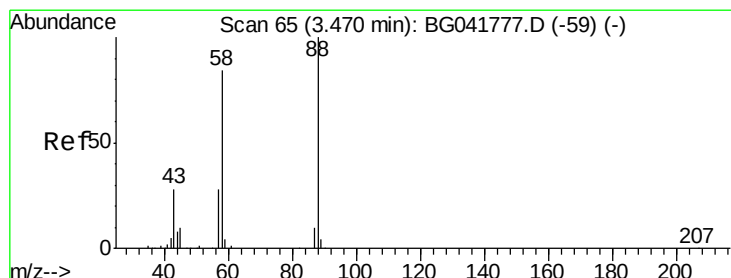
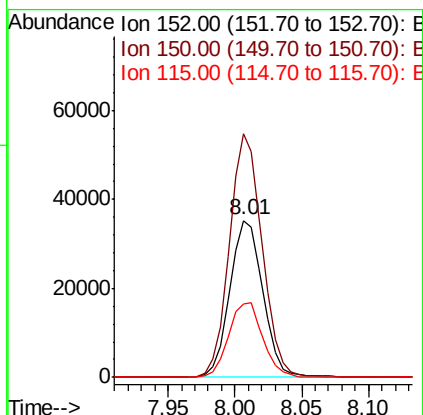
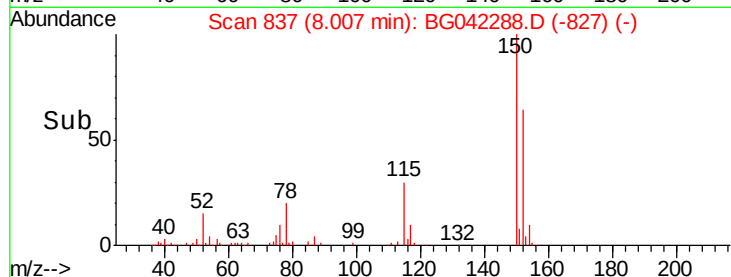
115 47.1 45.0 67.6



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



#2

1,4-Dioxane

Concen: 15.155 ng

RT: 3.14 min Scan# 9

Delta R.T. -0.33 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

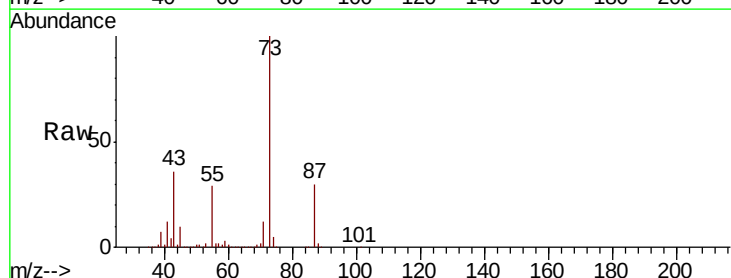
Tgt Ion: 88 Resp: 22263

Ion Ratio Lower Upper

88 100

58 25.3 76.2 114.2#

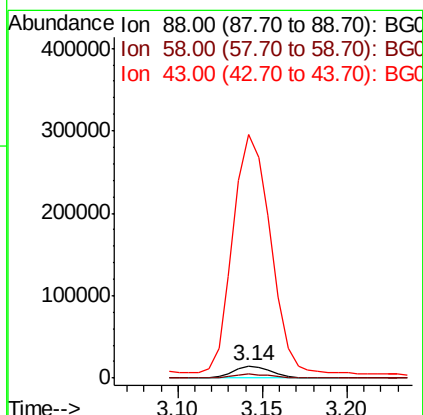
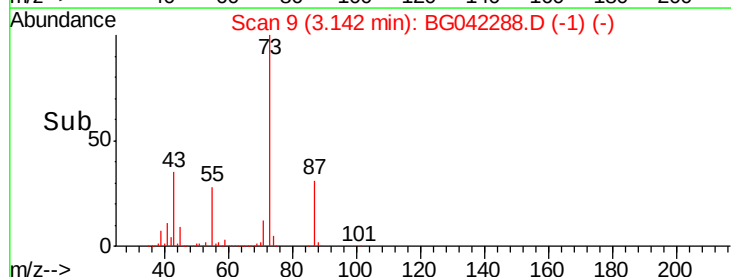
43 2068.6 27.2 40.8#

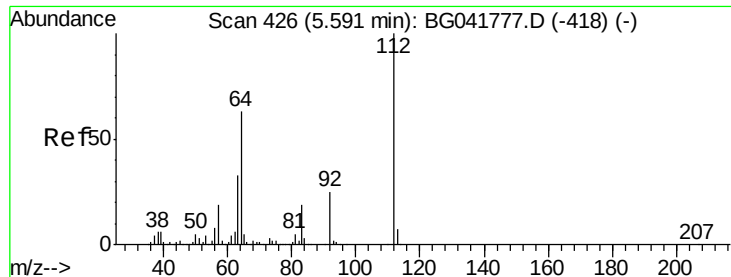


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 118.736 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.03 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

Instrument :

BNA_G

ClientSampled :

TP-7

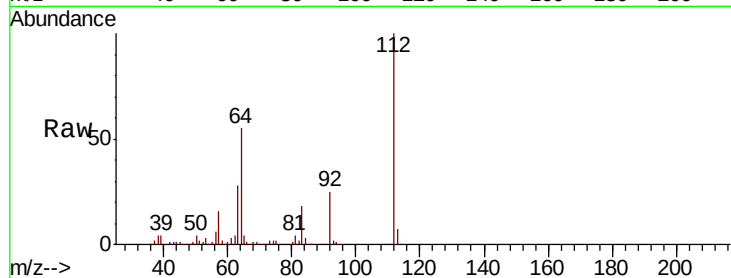
Tgt Ion:112 Resp: 370582

Ion Ratio Lower Upper

112 100

64 54.7 55.4 83.2#

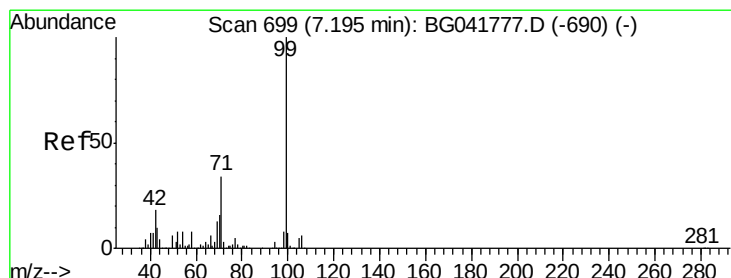
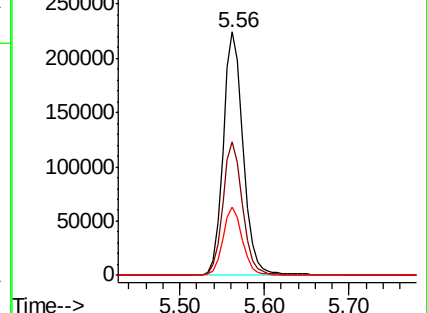
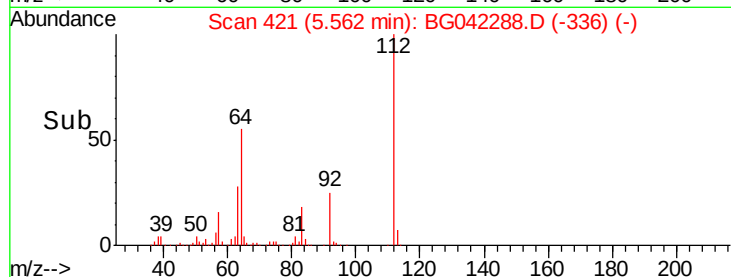
63 28.1 29.1 43.7#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 106.703 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

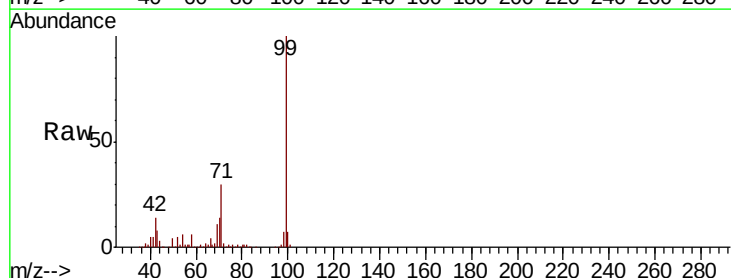
Tgt Ion: 99 Resp: 448974

Ion Ratio Lower Upper

99 100

42 13.6 17.6 26.4#

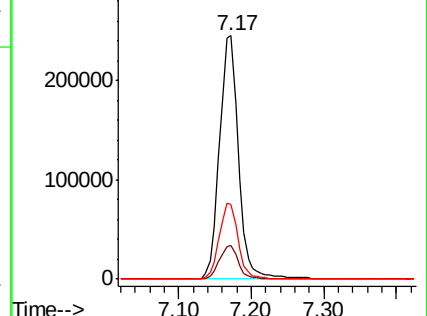
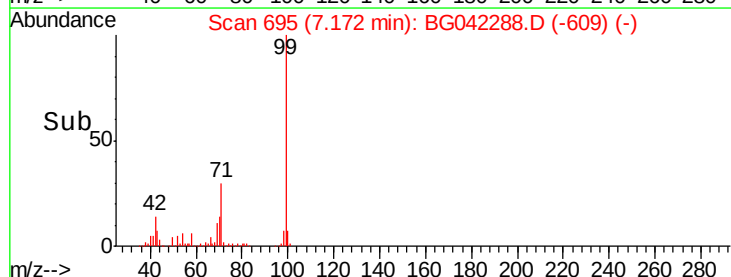
71 30.4 27.8 41.6

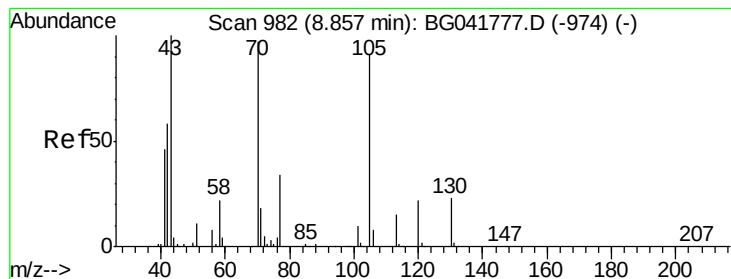


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 13.000 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.32 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

Instrument :

BNA_G

ClientSampleId :

TP-7

Tgt Ion: 70 Resp: 39712

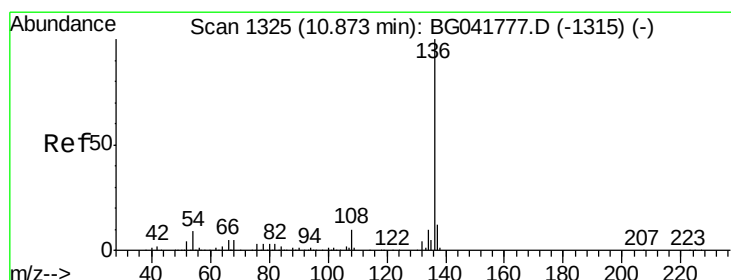
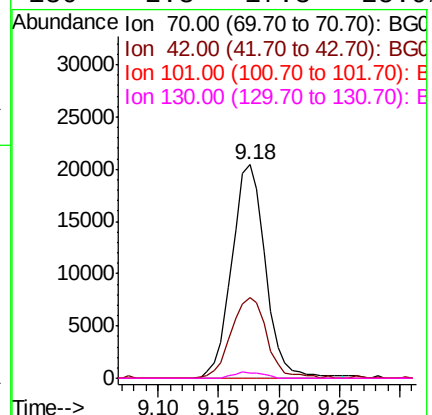
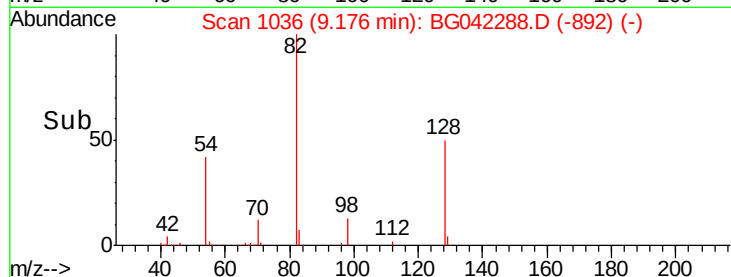
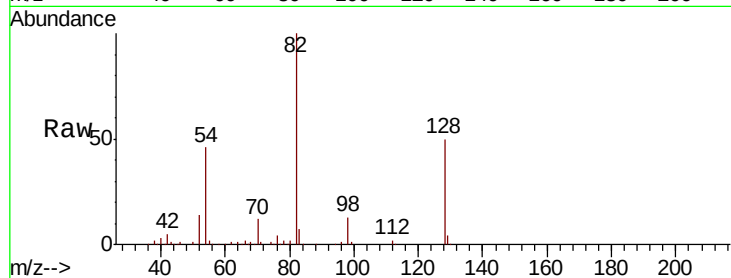
Ion Ratio Lower Upper

70 100

42 37.7 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: 10.83 min Scan# 1318

Delta R.T. -0.04 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

Tgt Ion: 136 Resp: 219428

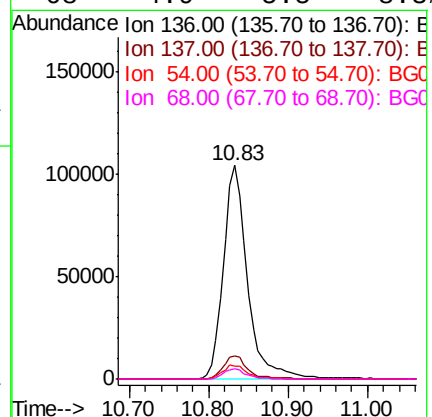
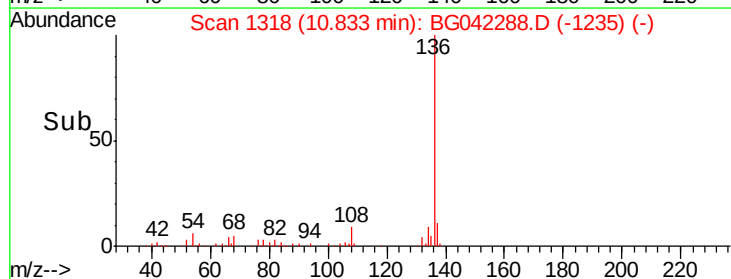
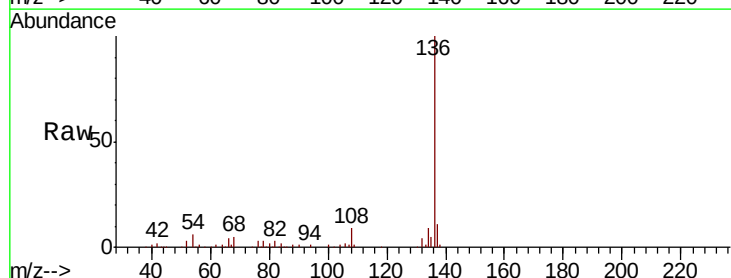
Ion Ratio Lower Upper

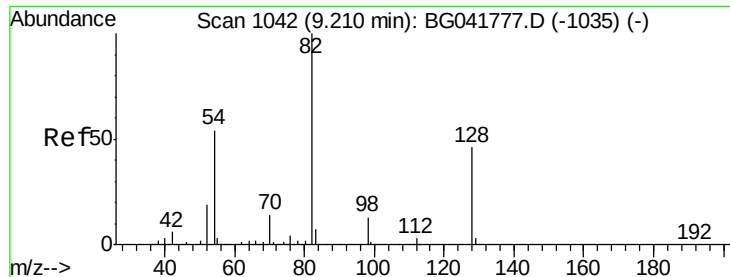
136 100

137 11.0 9.2 13.8

54 6.2 8.7 13.1#

68 4.9 5.5 8.3#

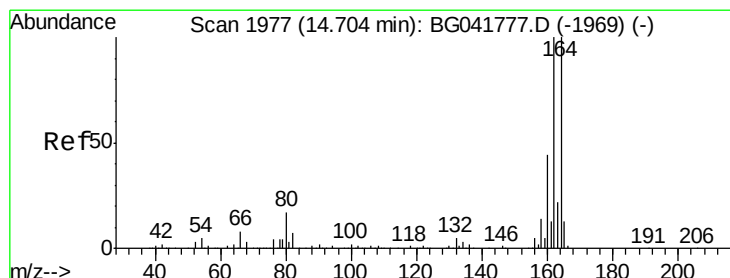
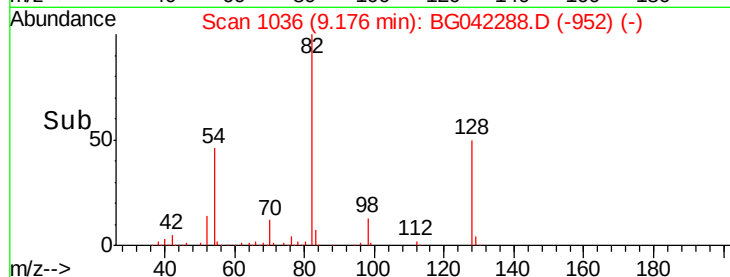
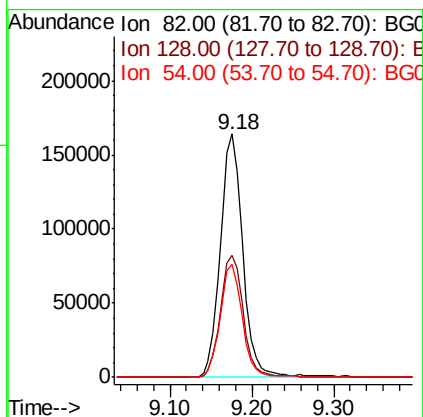
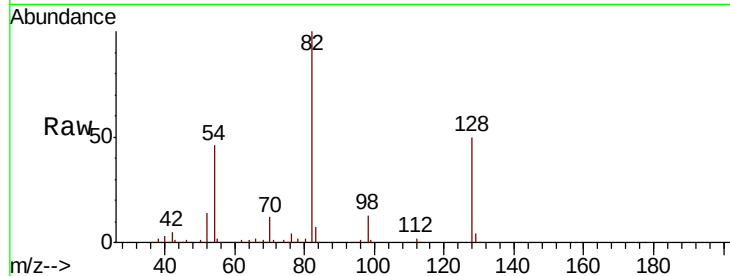




#23
 Nitrobenzene-d5
 Concen: 98.828 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BG042288.D
 Acq: 17 Aug 2019 13:32

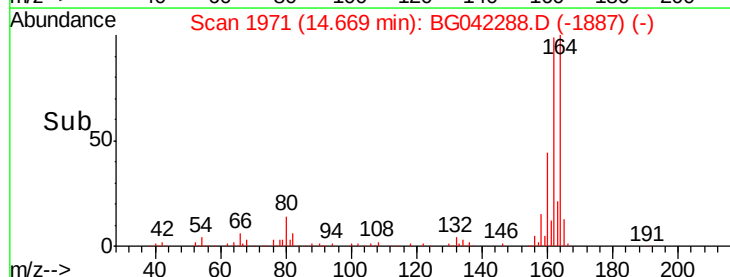
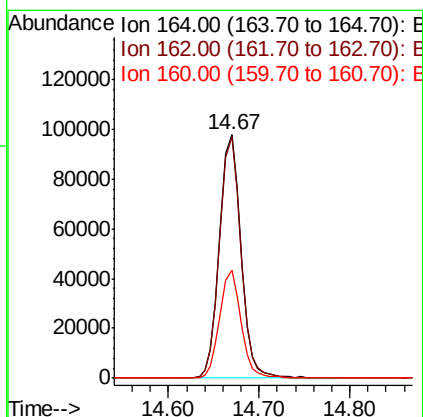
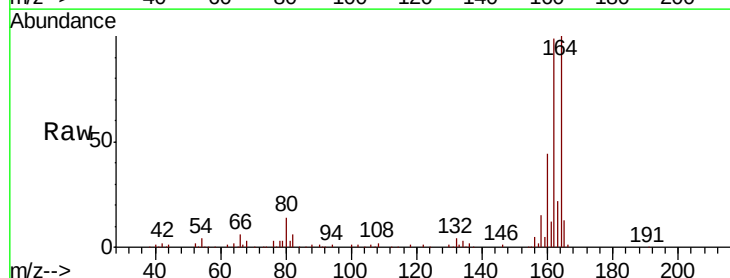
Instrument :
 BNA_G
 ClientSampled :
 TP-7

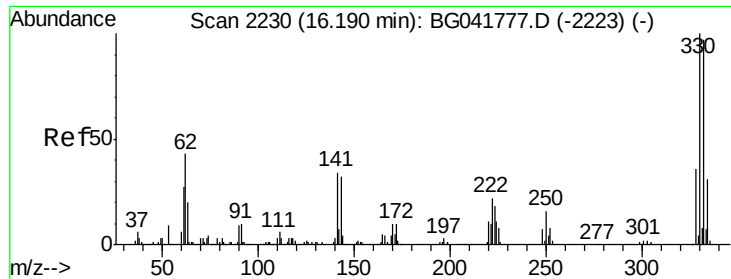
Tgt Ion: 82 Resp: 315124
 Ion Ratio Lower Upper
 82 100
 128 50.0 35.1 52.7
 54 46.2 48.7 73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.03 min
 Lab File: BG042288.D
 Acq: 17 Aug 2019 13:32

Tgt Ion: 164 Resp: 161675
 Ion Ratio Lower Upper
 164 100
 162 99.1 79.6 119.4
 160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 185.431 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

Instrument :

BNA_G

ClientSampled :

TP-7

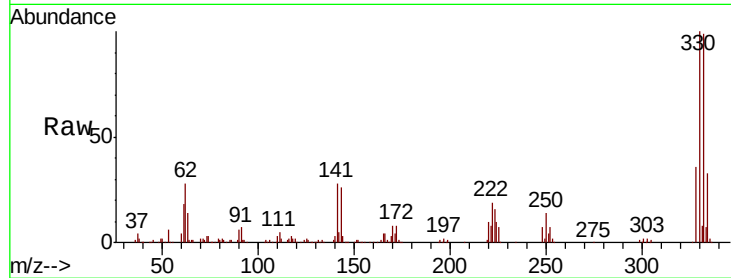
Tgt Ion:330 Resp: 340527

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.0

141 28.4 31.9 47.9#

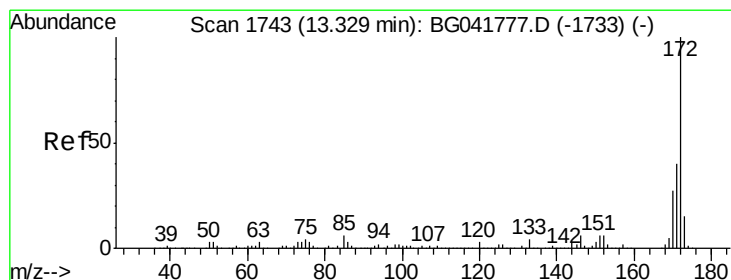
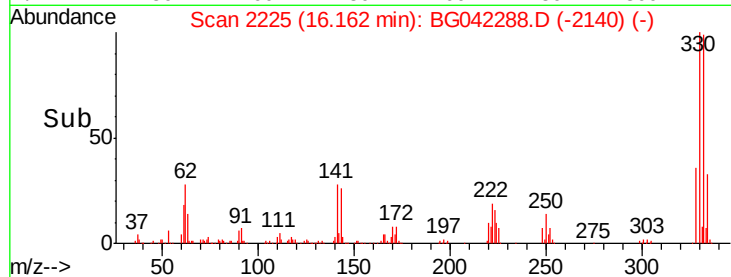
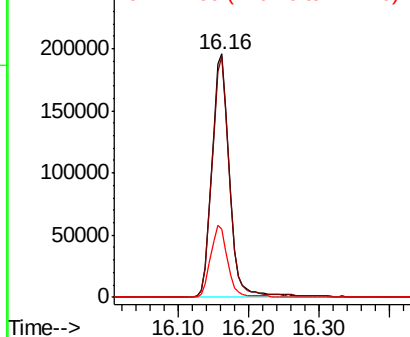


Abundance

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: 105.656 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.04 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

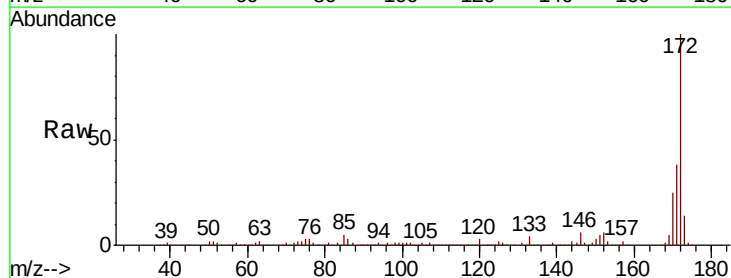
Tgt Ion:172 Resp: 968520

Ion Ratio Lower Upper

172 100

171 38.0 35.0 52.4

170 24.7 23.5 35.3

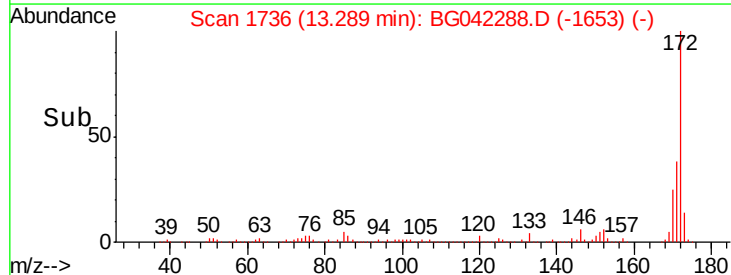
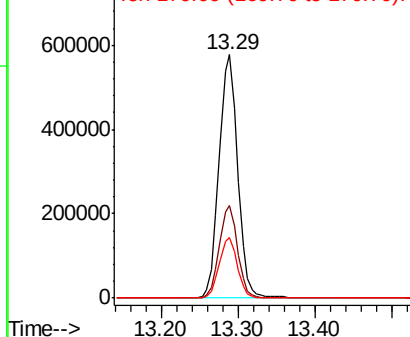


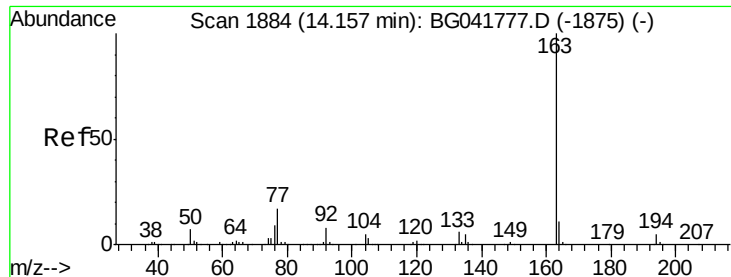
Abundance

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: 4.028 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

Instrument :

BNA_G

ClientSampleId :

TP-7

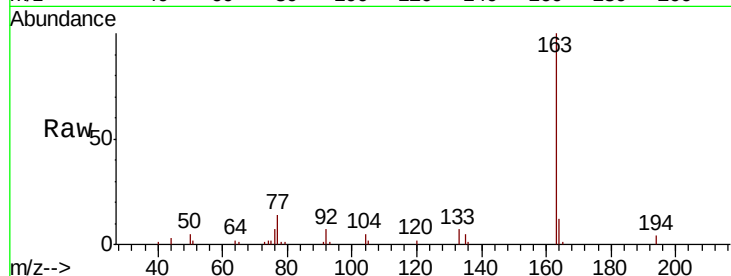
Tgt Ion:163 Resp: 44478

Ion Ratio Lower Upper

163 100

194 4.3 4.2 6.2

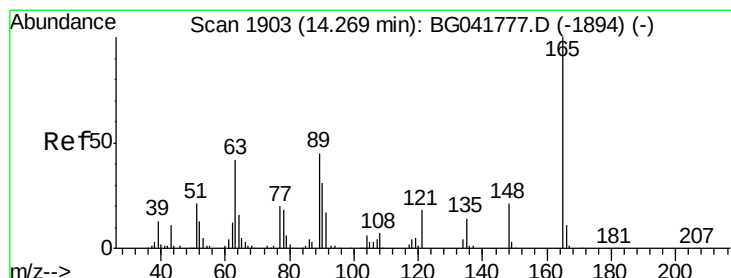
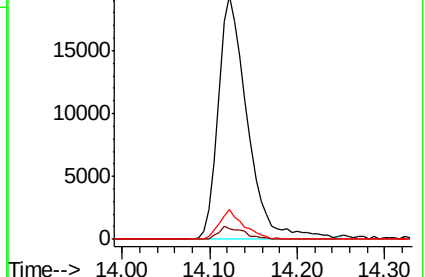
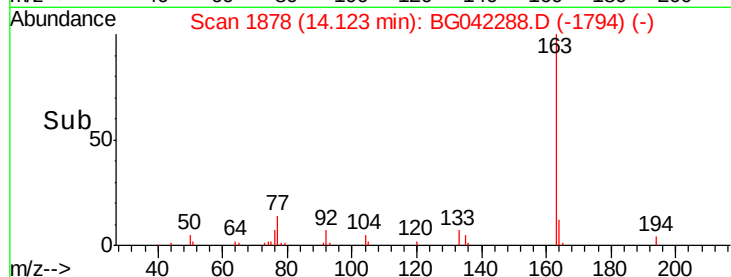
164 12.3 9.4 14.2



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: 8.906 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.40 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

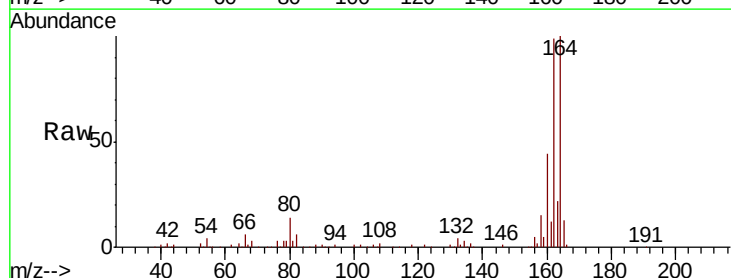
Tgt Ion:165 Resp: 20563

Ion Ratio Lower Upper

165 100

63 0.0 42.4 63.6#

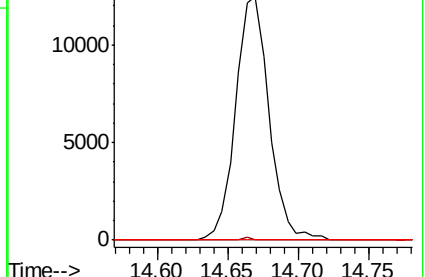
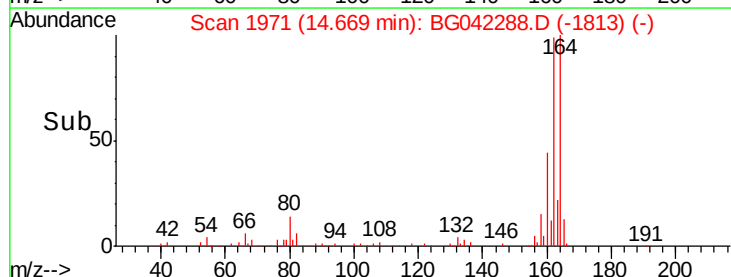
89 0.0 42.1 63.1#

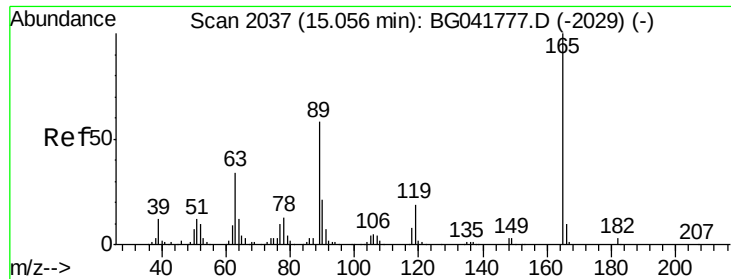


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

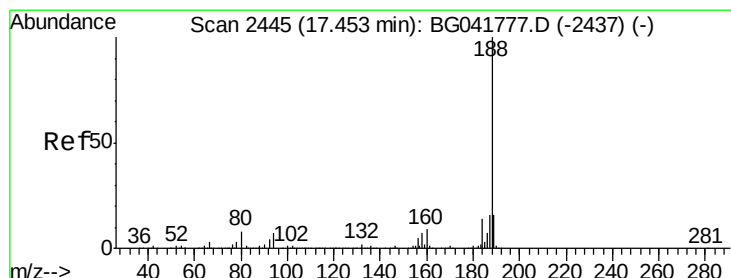
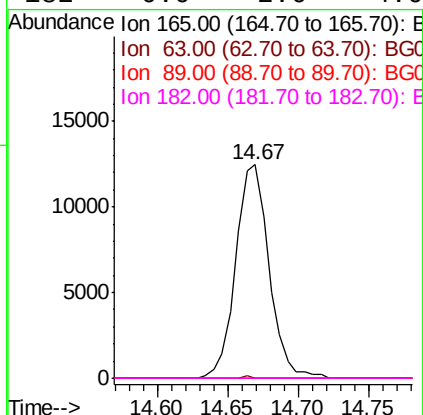
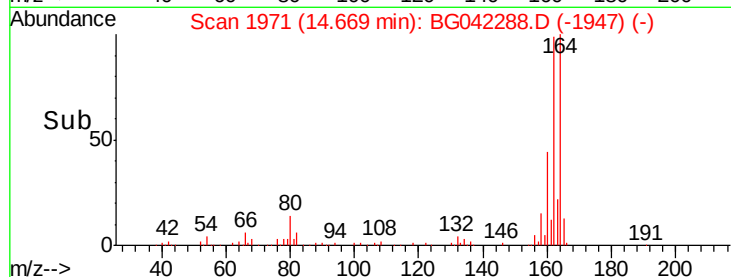
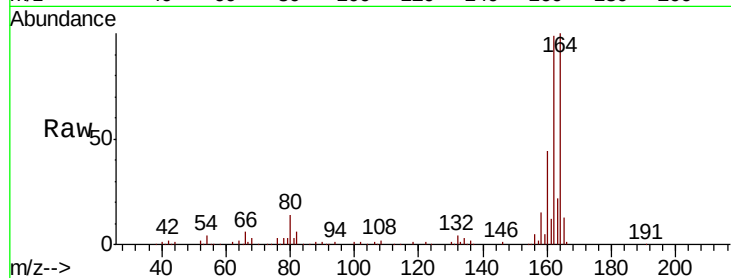




#57
 2,4-Dinitrotoluene
 Concen: 6.476 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.39 min
 Lab File: BG042288.D
 Acq: 17 Aug 2019 13:32

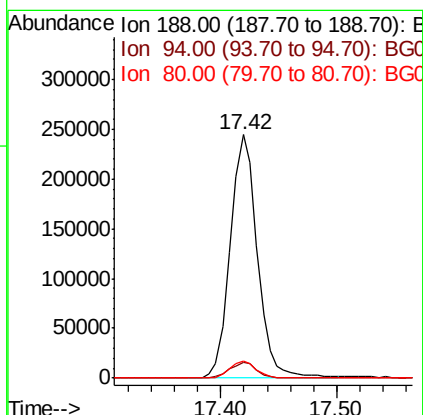
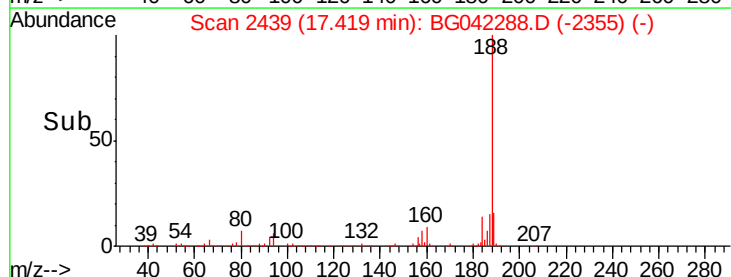
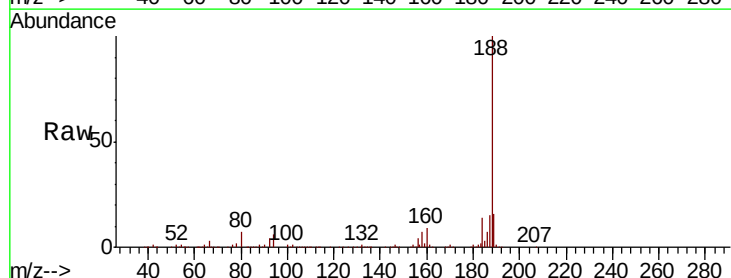
Instrument :
 BNA_G
 ClientSampleId :
 TP-7

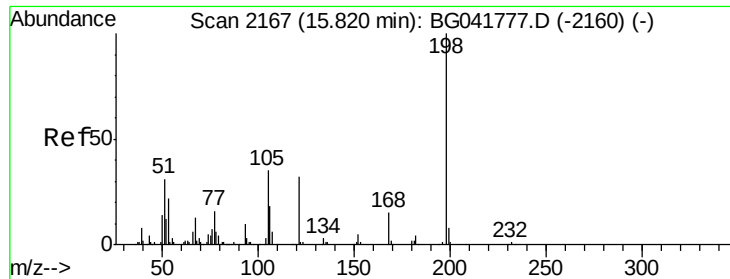
Tgt Ion:	165	Resp:	20563
Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	0.0	50.2	75.4#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG042288.D
 Acq: 17 Aug 2019 13:32

Tgt Ion:	188	Resp:	397475
Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.0	8.0	12.0#

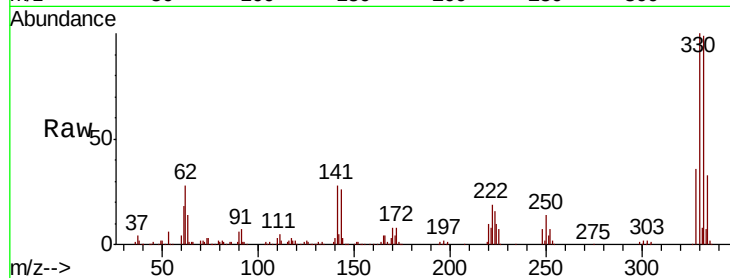




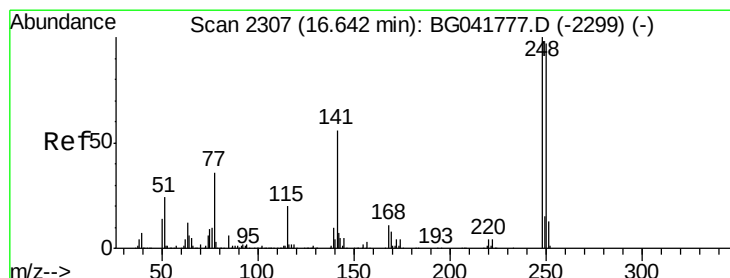
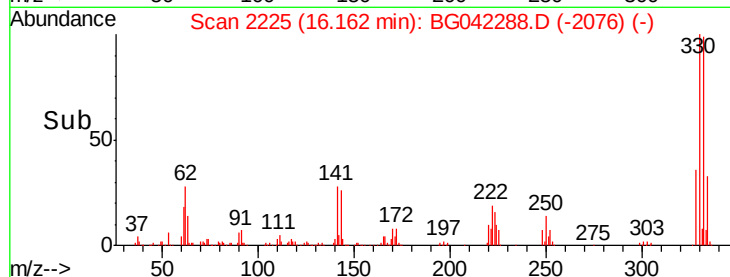
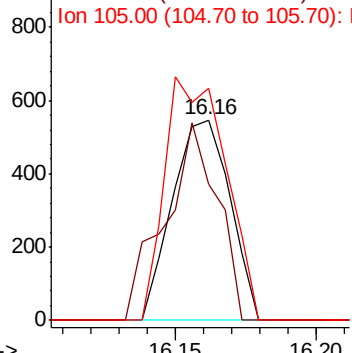
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.193 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.34 min
 Lab File: BG042288.D
 Acq: 17 Aug 2019 13:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion:198 Resp: 774
 Ion Ratio Lower Upper
 198 100
 51 68.2 22.3 62.3#
 105 115.9 18.0 58.0#

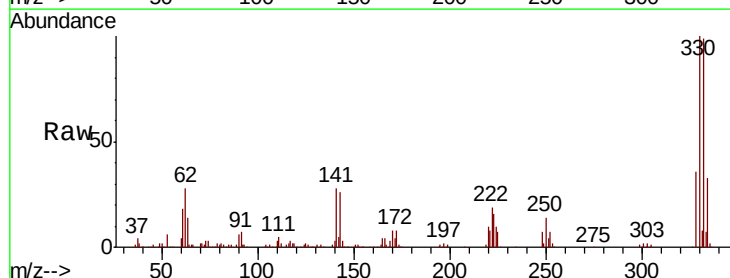


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG041777.D (-2160) (-)
 Ion 105.00 (104.70 to 105.70): E

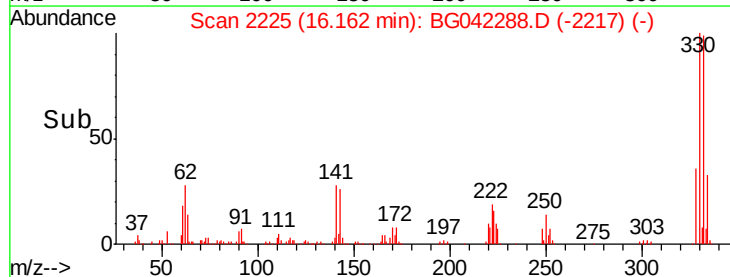
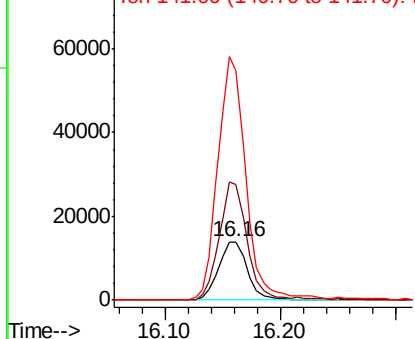


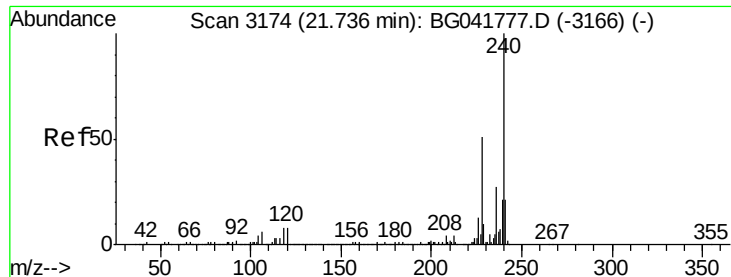
#67
 4-Bromophenyl-phenylether
 Concen: 4.966 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.48 min
 Lab File: BG042288.D
 Acq: 17 Aug 2019 13:32

Tgt Ion:248 Resp: 24312
 Ion Ratio Lower Upper
 248 100
 250 196.8 78.1 117.1#
 141 391.3 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: 21.70 min Scan# 3167

Delta R.T. -0.04 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

Instrument :

BNA_G

ClientSampleId :

TP-7

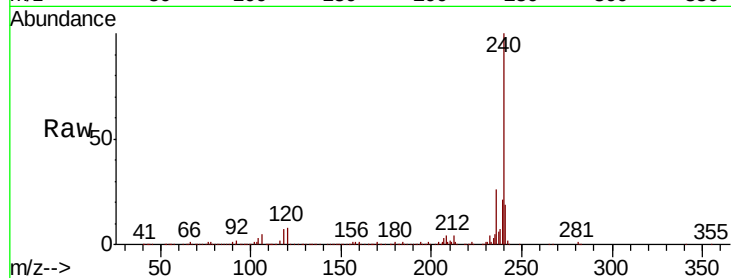
Tgt Ion:240 Resp: 467302

Ion Ratio Lower Upper

240 100

120 7.7 8.0 12.0#

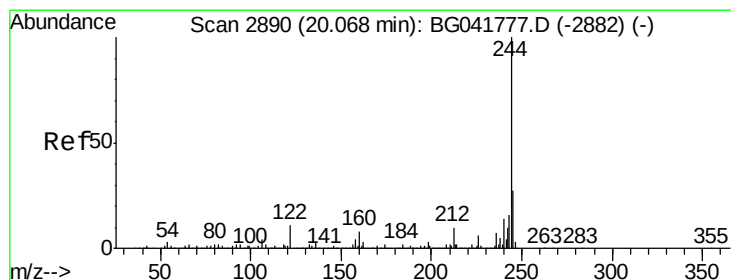
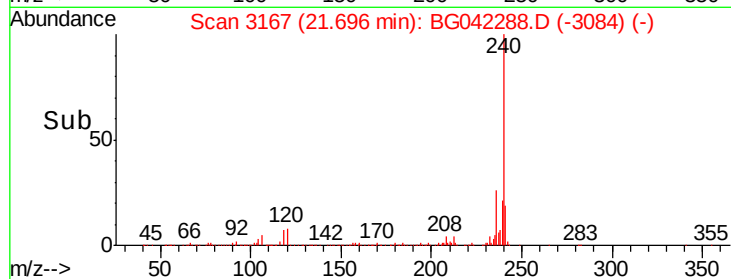
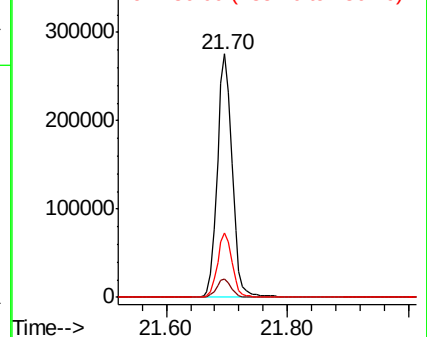
236 26.4 22.6 33.8



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: 96.801 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

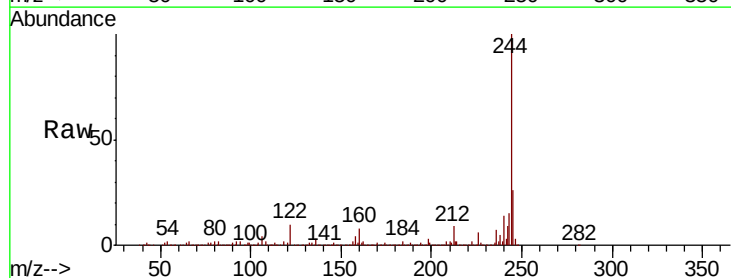
Tgt Ion:244 Resp: 1976839

Ion Ratio Lower Upper

244 100

212 9.1 9.7 14.5#

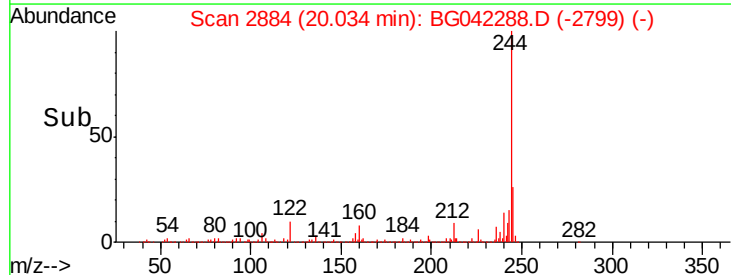
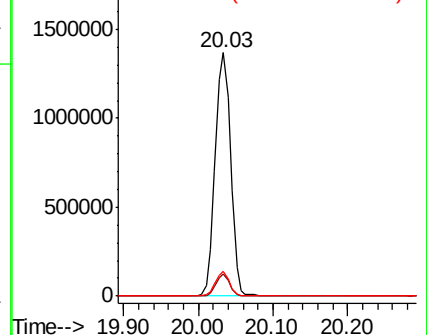
122 10.4 12.5 18.7#

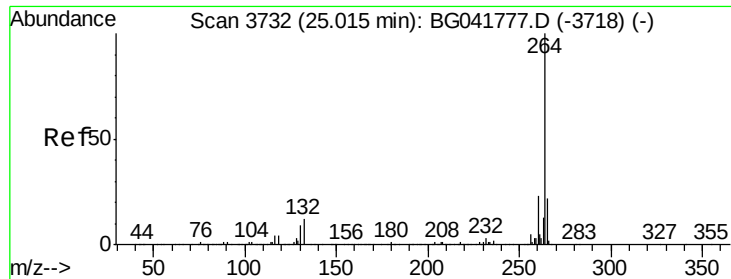


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.94 min Scan# 3719
Delta R.T. -0.08 min
Lab File: BG042288.D
Acq: 17 Aug 2019 13:32

Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.1	18.0	27.0

