

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
 Data File : BG042287.D
 Acq On : 17 Aug 2019 12:54
 Operator : HP/JU
 Sample : K4356-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Aug 19 05:56:23 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

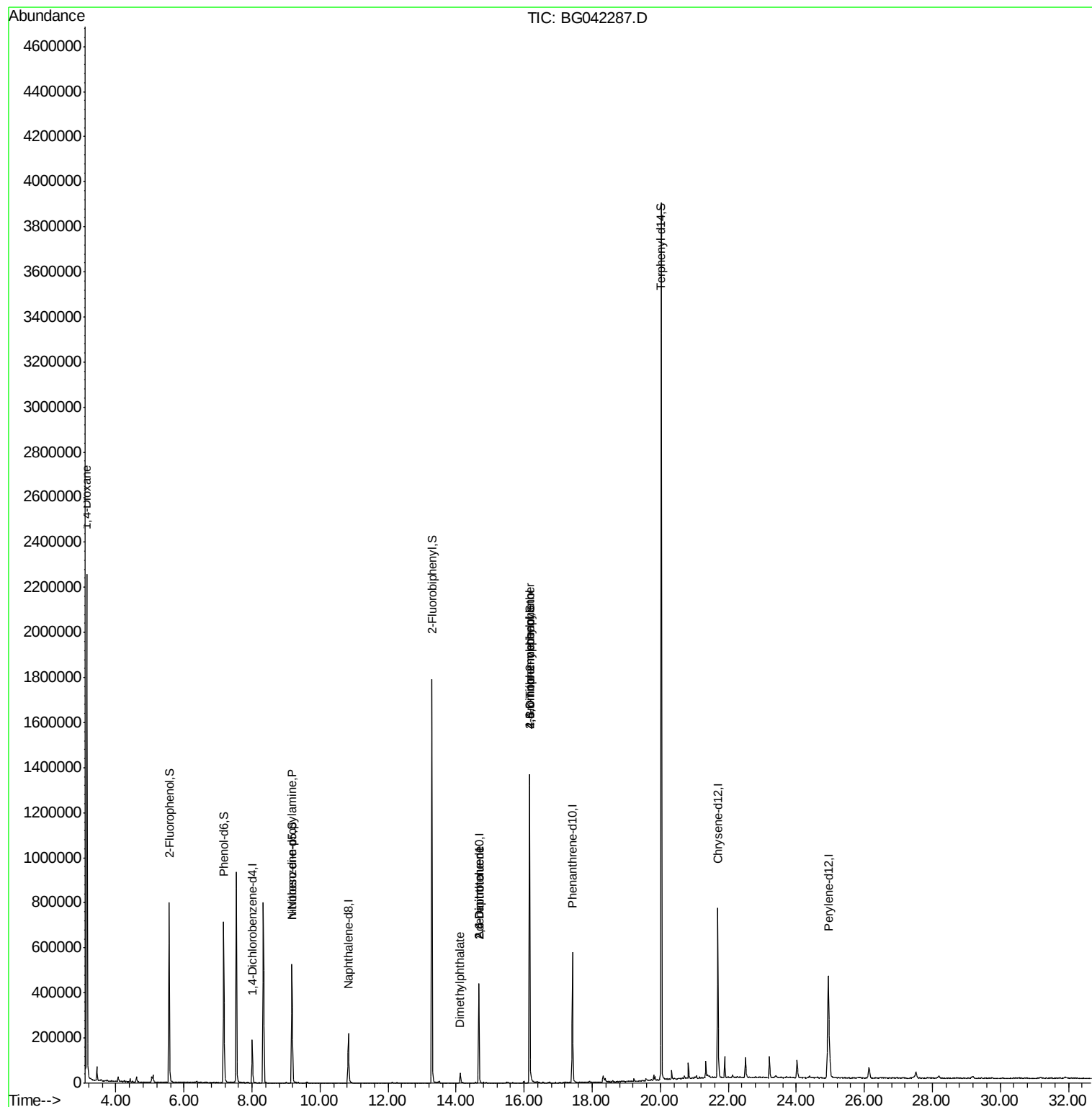
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	64594	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	238533	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	170666	20.00	ng	-0.04
64) Phenanthrene-d10	17.42	188	417113	20.00	ng	-0.04
76) Chrysene-d12	21.69	240	472869	20.00	ng	-0.04
87) Perylene-d12	24.94	264	536909	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	406800	122.53	ng	-0.03
7) Phenol-d6	7.17	99	496921	111.02	ng	-0.02
23) Nitrobenzene-d5	9.17	82	345037	99.54	ng	-0.04
42) 2,4,6-Tribromophenol	16.16	330	347051	179.03	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	1028425	106.28	ng	-0.04
79) Terphenyl-d14	20.03	244	1943587	94.05	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.14	88	23747	15.197	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	43141	13.276	ng	# 63
50) Dimethylphthalate	14.12	163	49494	4.246	ng	# 96
51) 2,6-Dinitrotoluene	14.67	165	22409	9.194	ng	# 28
57) 2,4-Dinitrotoluene	14.67	165	22409	6.686	ng	# 30
65) 4,6-Dinitro-2-methylphenol	16.16	198	819	7.196	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	24691	4.806	ng	# 1

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

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QLast Update : Wed Jul 31 08:57:26 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.04 min

Lab File: BG042287.D

Acq: 17 Aug 2019 12:54

Instrument :

BNA_G

ClientSampleId :

TP-6

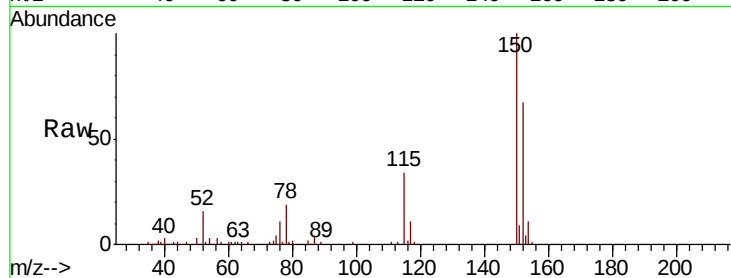
Tgt Ion:152 Resp: 64594

Ion Ratio Lower Upper

152 100

150 148.3 126.9 190.3

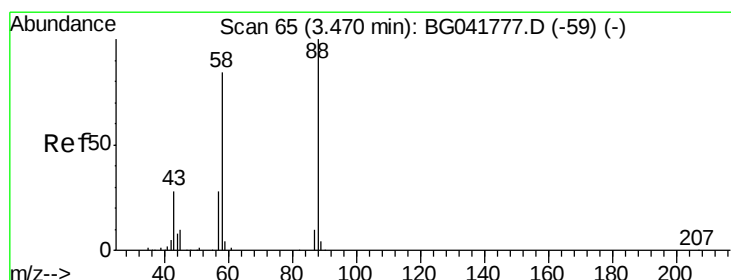
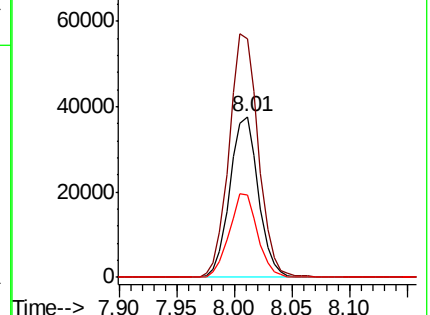
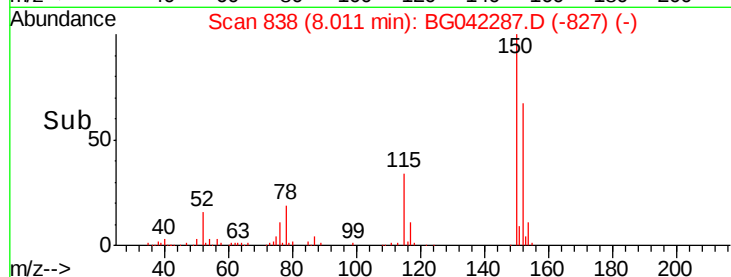
115 50.8 45.0 67.6



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: 15.197 ng

RT: 3.14 min Scan# 9

Delta R.T. -0.33 min

Lab File: BG042287.D

Acq: 17 Aug 2019 12:54

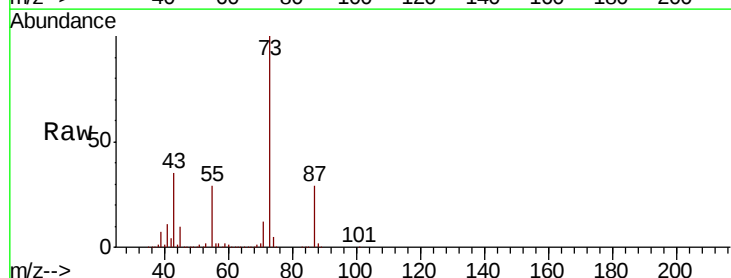
Tgt Ion: 88 Resp: 23747

Ion Ratio Lower Upper

88 100

58 25.2 76.2 114.2#

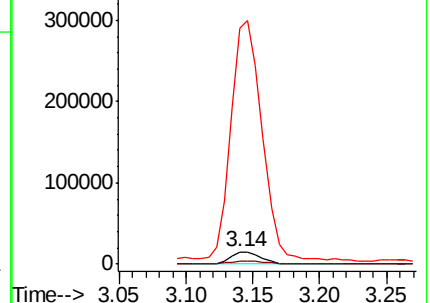
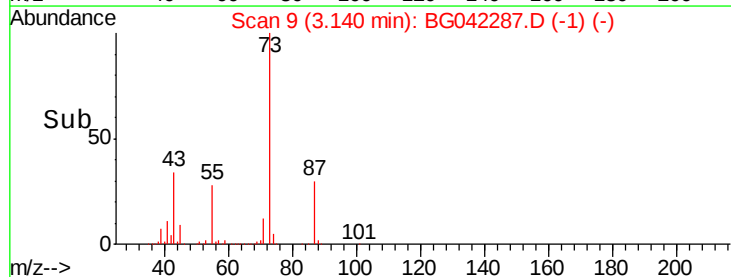
43 2032.9 27.2 40.8#

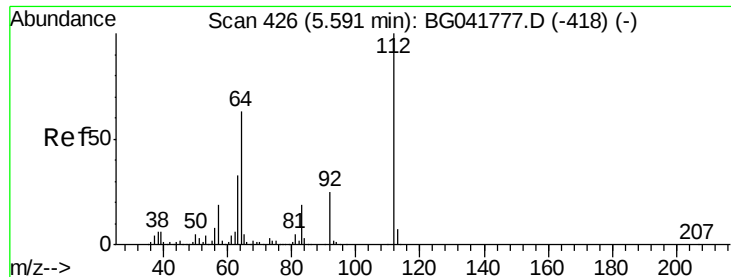


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 122.531 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.03 min

Lab File: BG042287.D

Acq: 17 Aug 2019 12:54

Instrument :

BNA_G

ClientSampleId :

TP-6

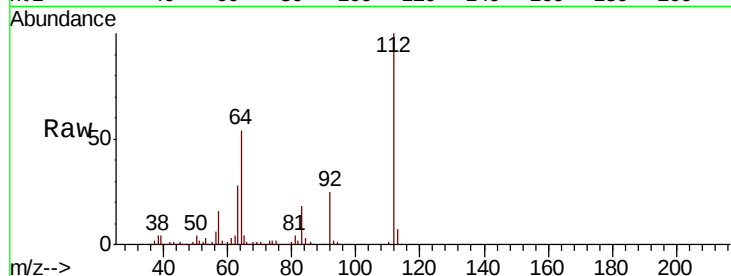
Tgt Ion:112 Resp: 406800

Ion Ratio Lower Upper

112 100

64 53.9 55.4 83.2#

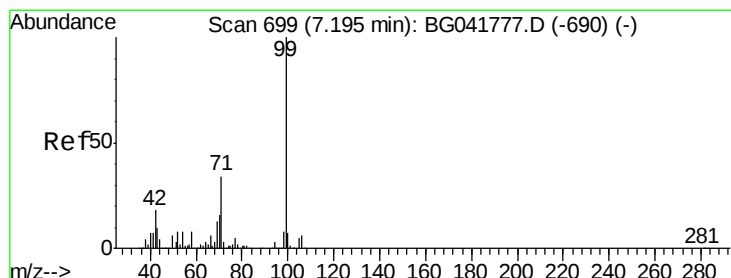
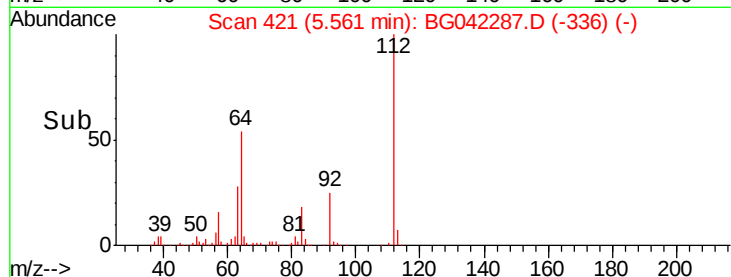
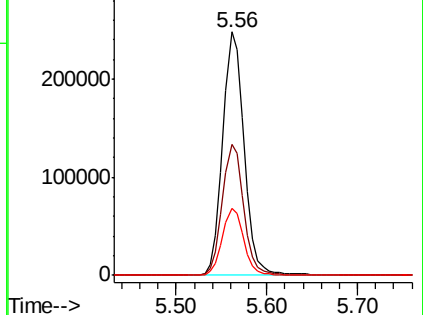
63 27.6 29.1 43.7#



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: 111.023 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG042287.D

Acq: 17 Aug 2019 12:54

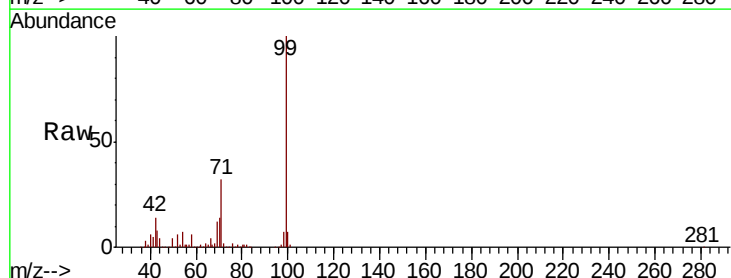
Tgt Ion: 99 Resp: 496921

Ion Ratio Lower Upper

99 100

42 14.1 17.6 26.4#

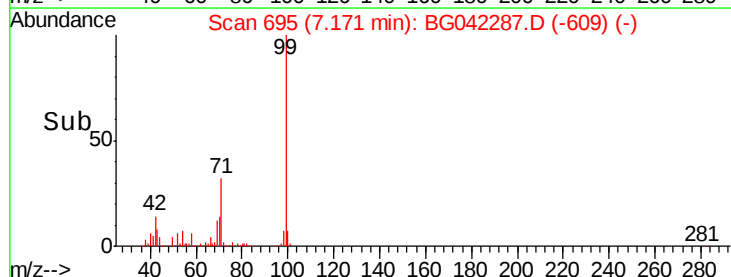
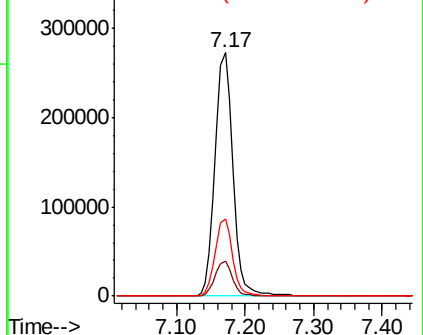
71 31.6 27.8 41.6

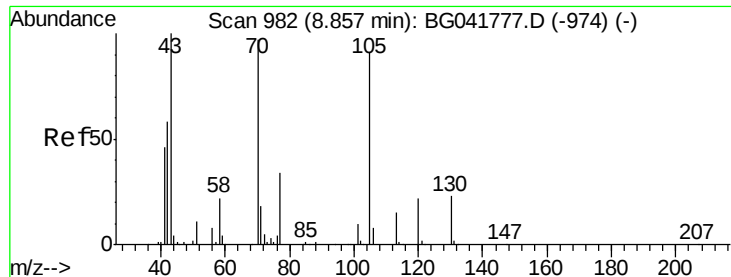


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

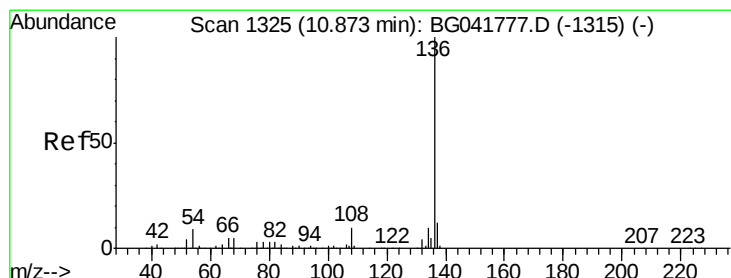
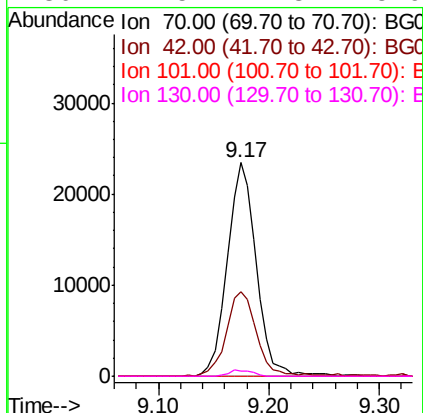
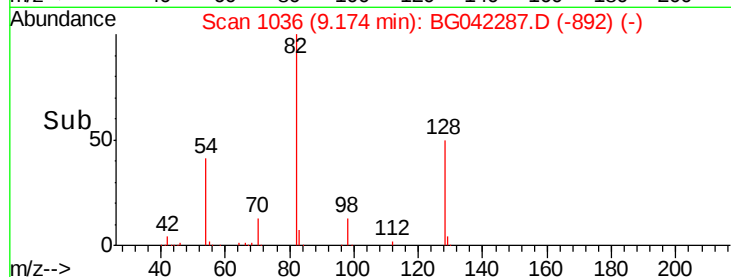
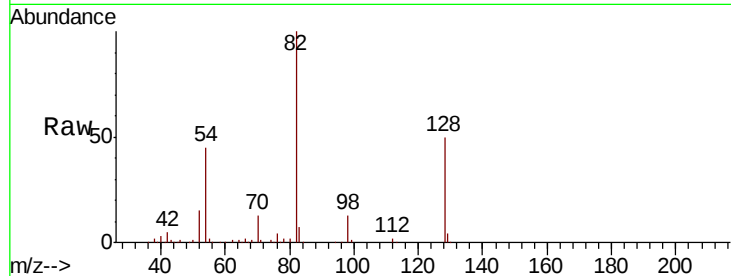




#19
n-Nitroso-di-n-propylamine
Concen: 13.276 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.32 min
Lab File: BG042287.D
Acq: 17 Aug 2019 12:54

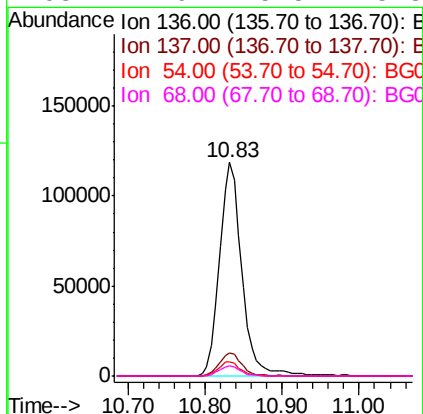
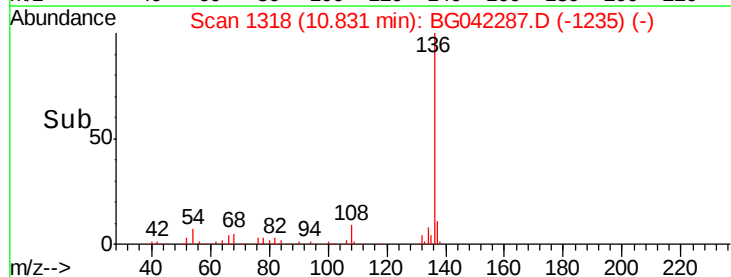
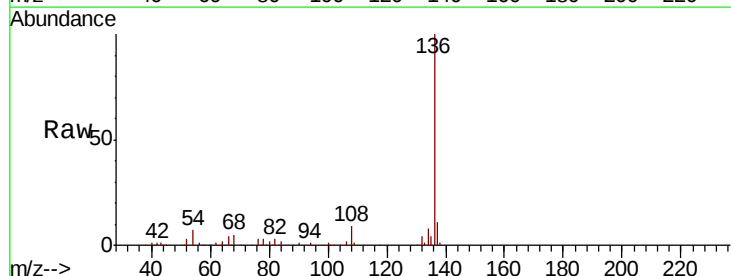
Instrument :
BNA_G
ClientSampleId :
TP-6

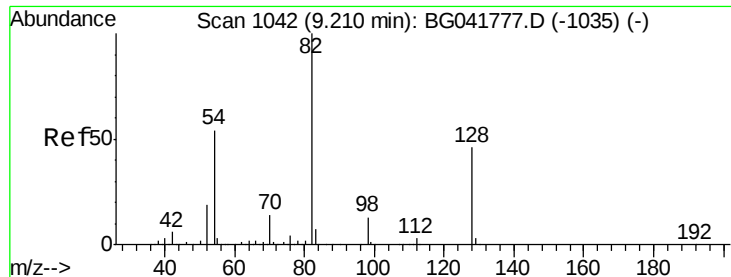
Tgt Ion: 70 Resp: 43141
Ion Ratio Lower Upper
70 100
42 39.6 55.8 83.6#
101 0.0 8.1 12.1#
130 2.5 17.3 25.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BG042287.D
Acq: 17 Aug 2019 12:54

Tgt Ion: 136 Resp: 238533
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.6 8.7 13.1#
68 4.9 5.5 8.3#

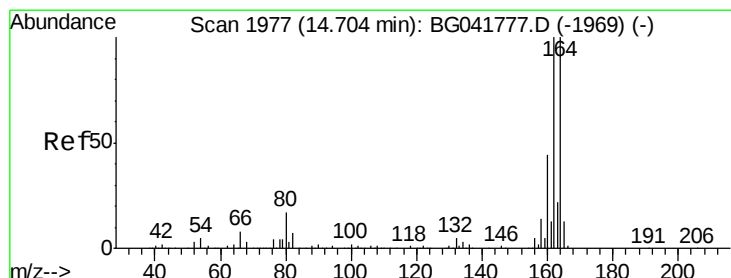
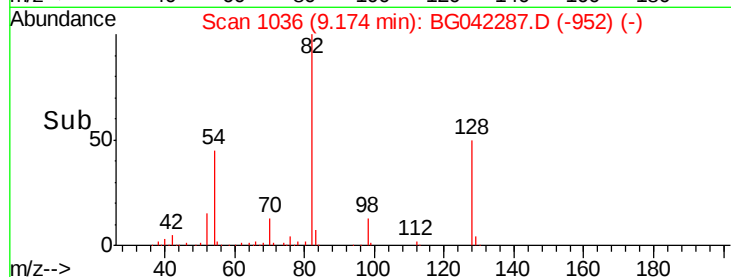
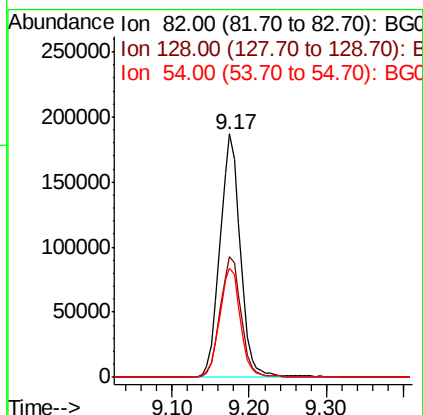
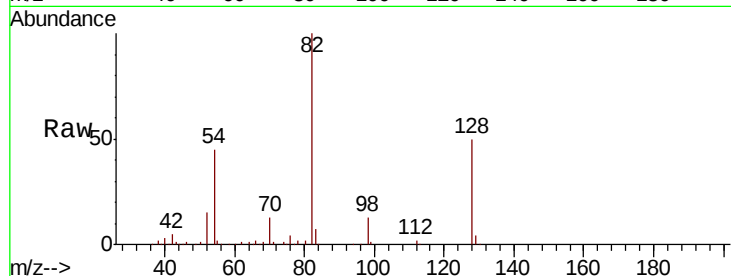




#23
Nitrobenzene-d5
Concen: 99.542 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.04 min
Lab File: BG042287.D
Acq: 17 Aug 2019 12:54

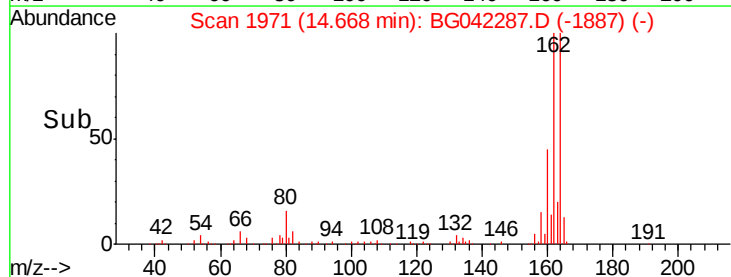
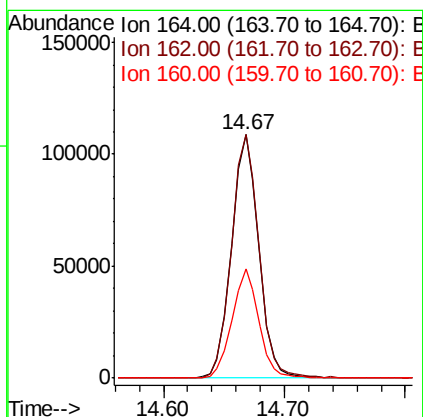
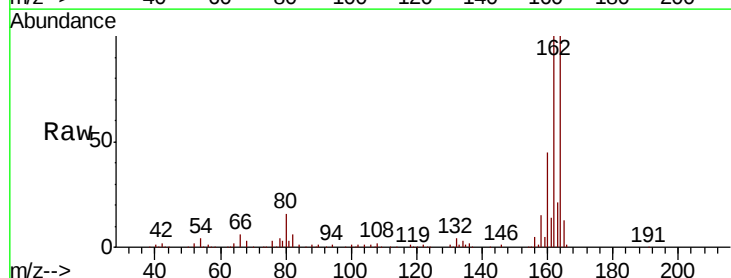
Instrument :
BNA_G
ClientSampled :
TP-6

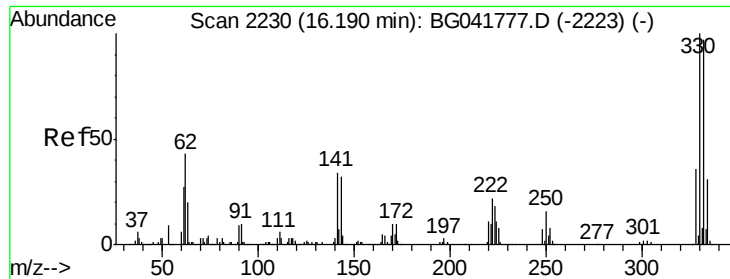
Tgt Ion: 82 Resp: 345037
Ion Ratio Lower Upper
82 100
128 49.8 35.1 52.7
54 44.7 48.7 73.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.04 min
Lab File: BG042287.D
Acq: 17 Aug 2019 12:54

Tgt Ion: 164 Resp: 170666
Ion Ratio Lower Upper
164 100
162 99.9 79.6 119.4
160 44.6 35.4 53.0

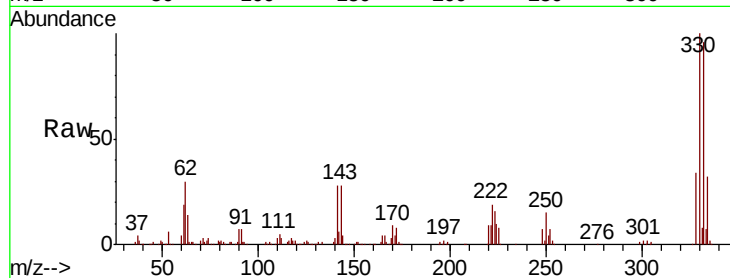




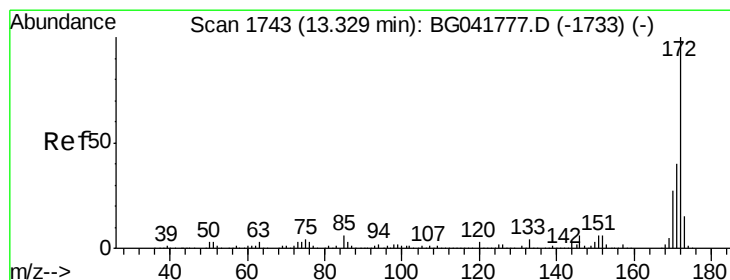
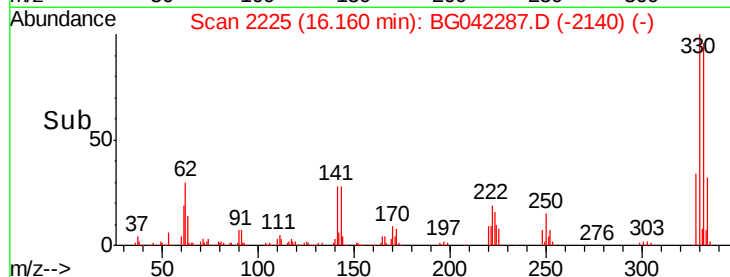
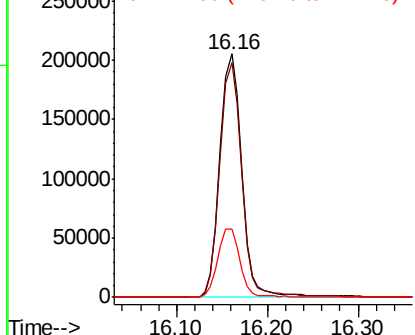
#42
 2,4,6-Tribromophenol
 Concen: 179.028 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.03 min
 Lab File: BG042287.D
 Acq: 17 Aug 2019 12:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tgt Ion:330 Resp: 347051
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.0
 141 28.7 31.9 47.9#

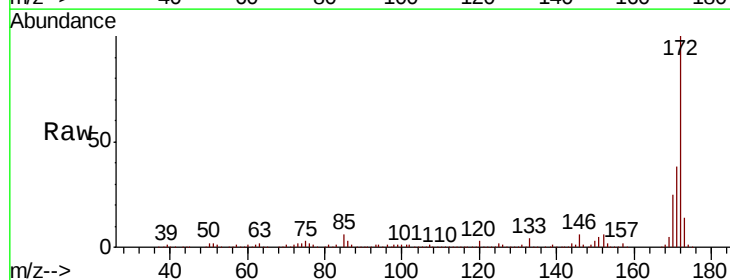


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

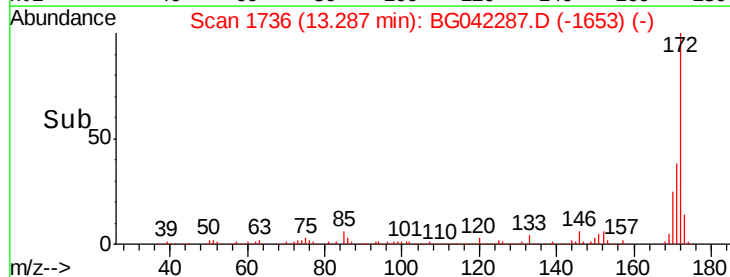
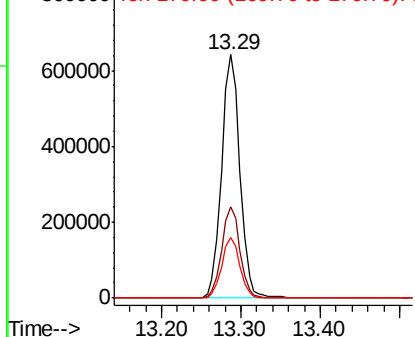


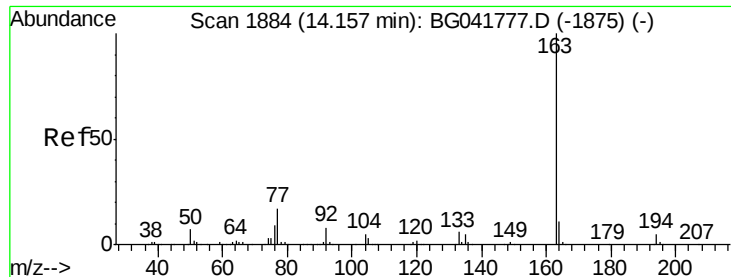
#45
 2-Fluorobiphenyl
 Concen: 106.281 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.04 min
 Lab File: BG042287.D
 Acq: 17 Aug 2019 12:54

Tgt Ion:172 Resp: 1028425
 Ion Ratio Lower Upper
 172 100
 171 37.8 35.0 52.4
 170 25.1 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: 4.246 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.04 min

Lab File: BG042287.D

Acq: 17 Aug 2019 12:54

Instrument :

BNA_G

ClientSampleId :

TP-6

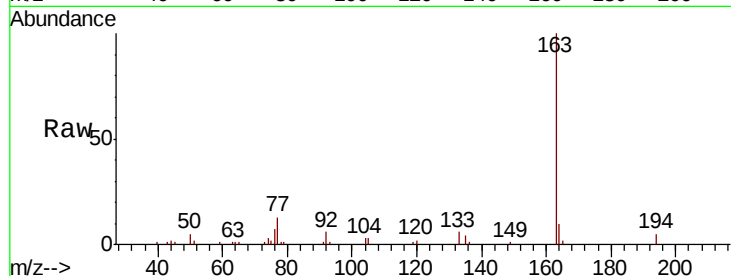
Tgt Ion:163 Resp: 49494

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

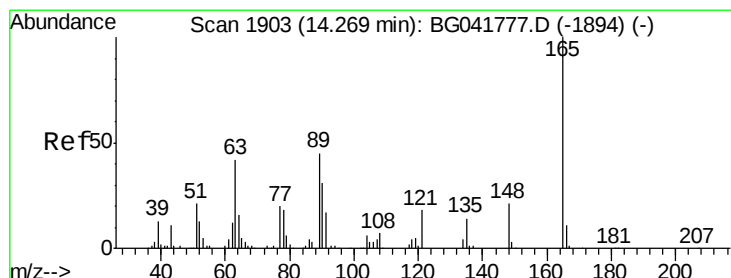
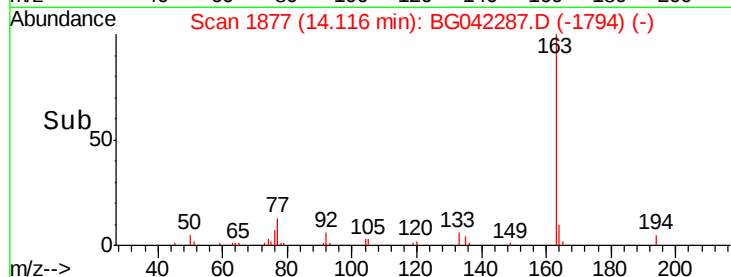
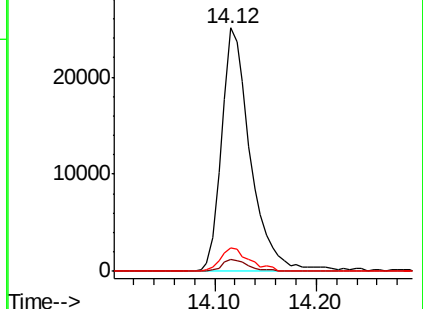
164 9.6 9.4 14.2



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: 9.194 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.40 min

Lab File: BG042287.D

Acq: 17 Aug 2019 12:54

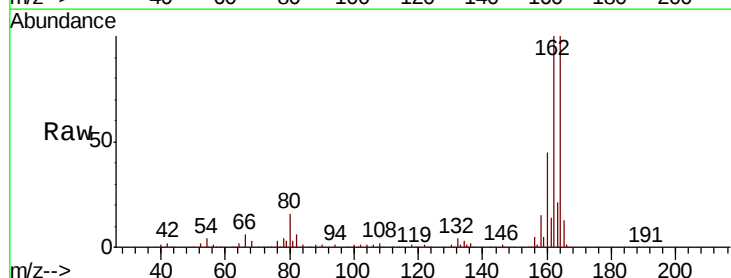
Tgt Ion:165 Resp: 22409

Ion Ratio Lower Upper

165 100

63 2.0 42.4 63.6#

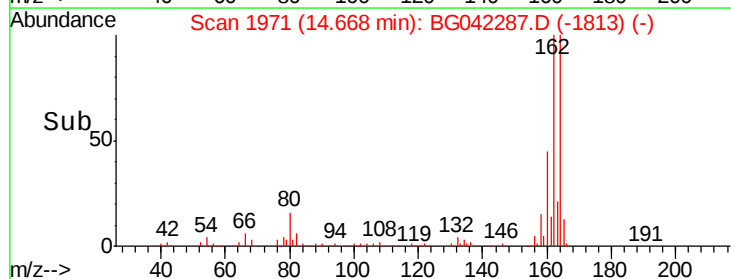
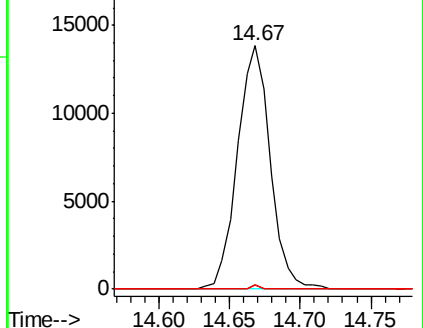
89 1.7 42.1 63.1#

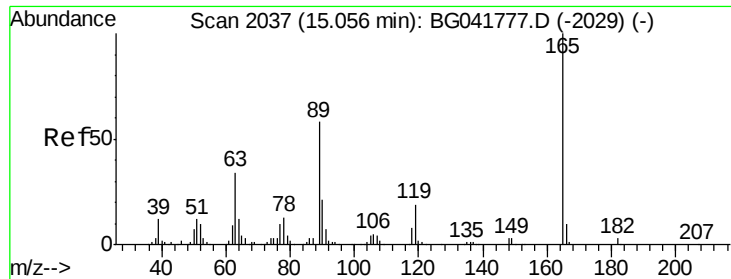


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

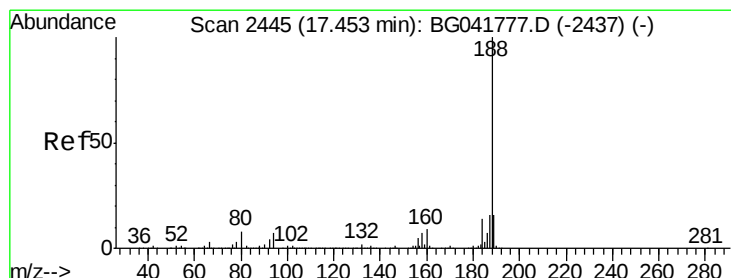
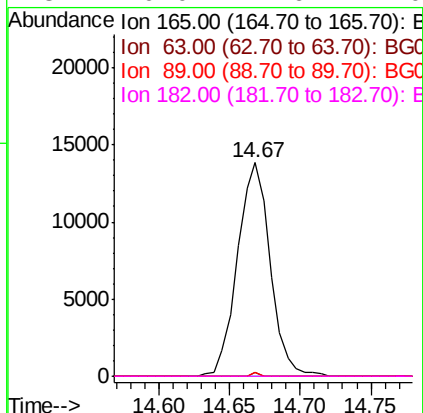
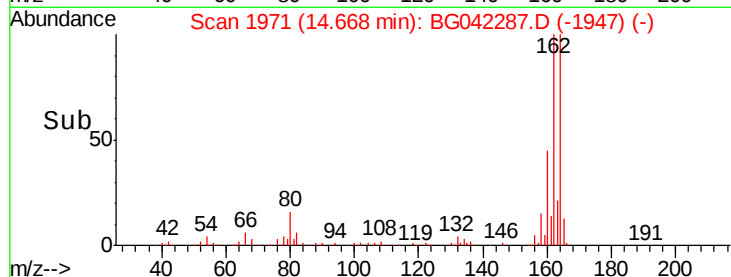
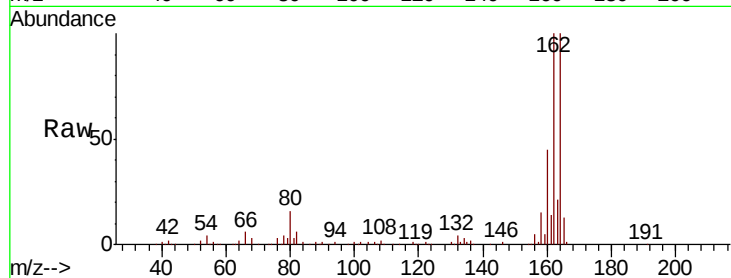




#57
 2,4-Dinitrotoluene
 Concen: 6.686 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.39 min
 Lab File: BG042287.D
 Acq: 17 Aug 2019 12:54

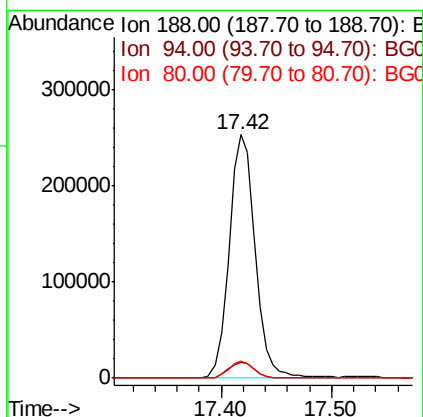
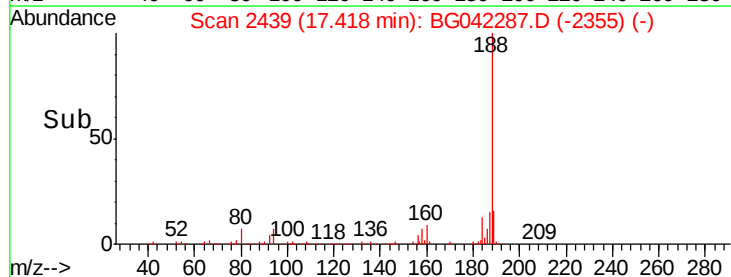
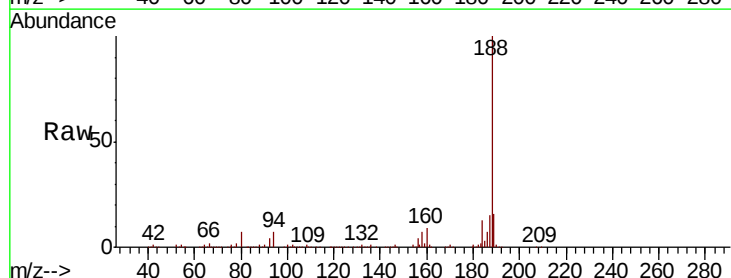
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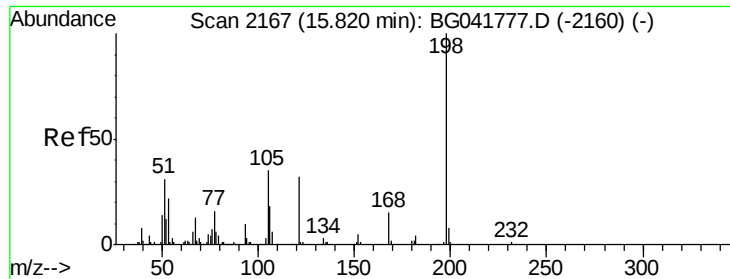
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	31.7	47.5#
89	1.7	50.2	75.4#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.04 min
 Lab File: BG042287.D
 Acq: 17 Aug 2019 12:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.2	8.0	12.0#

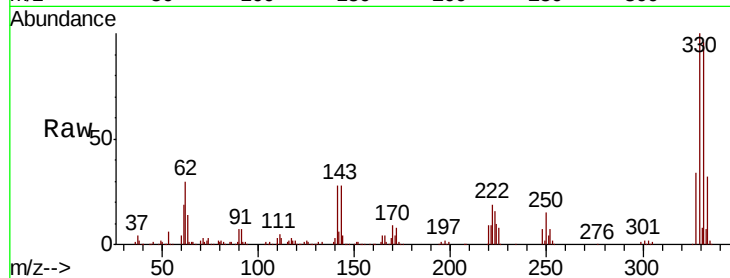




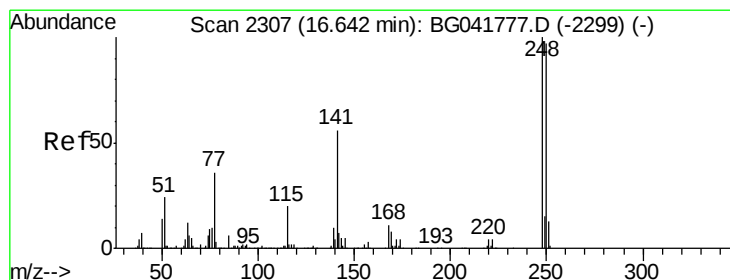
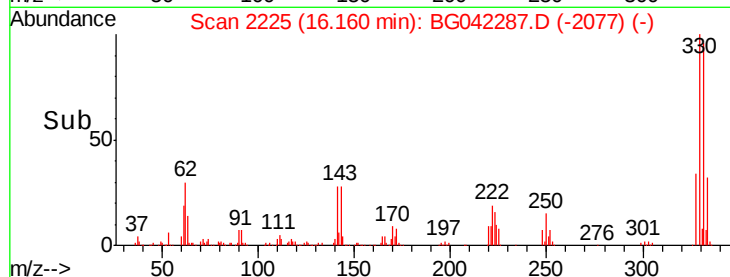
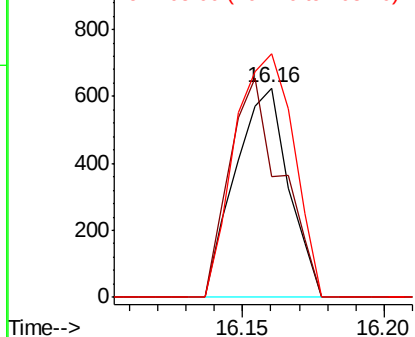
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.196 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.34 min
 Lab File: BG042287.D
 Acq: 17 Aug 2019 12:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tgt Ion:198 Resp: 819
 Ion Ratio Lower Upper
 198 100
 51 57.7 22.3 62.3
 105 116.1 18.0 58.0#

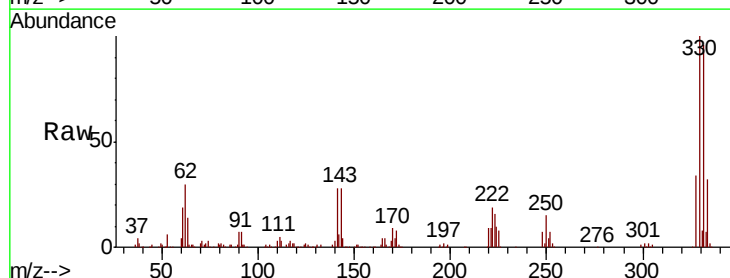


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

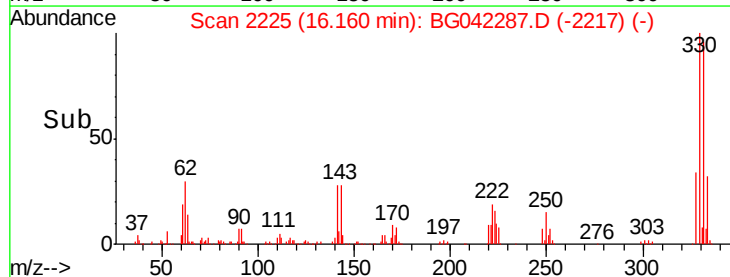
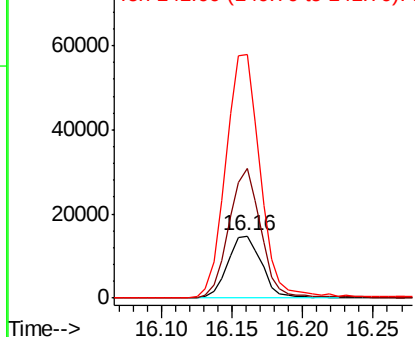


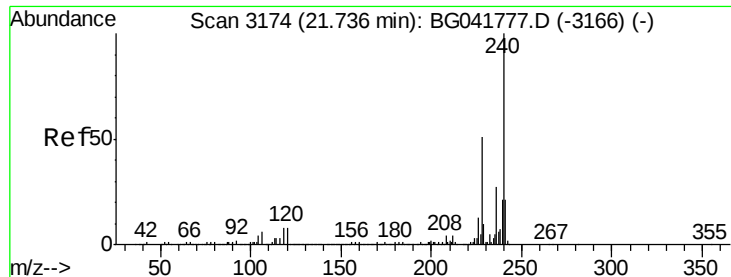
#67
 4-Bromophenyl-phenylether
 Concen: 4.806 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.48 min
 Lab File: BG042287.D
 Acq: 17 Aug 2019 12:54

Tgt Ion:248 Resp: 24691
 Ion Ratio Lower Upper
 248 100
 250 209.4 78.1 117.1#
 141 392.1 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

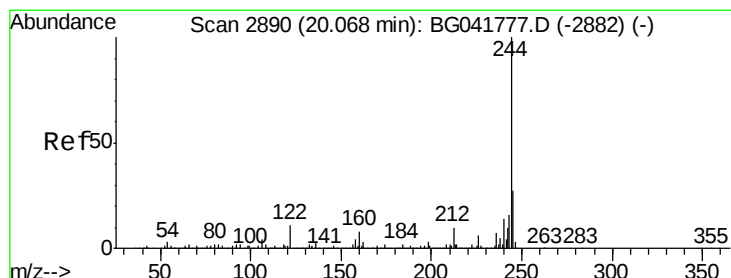
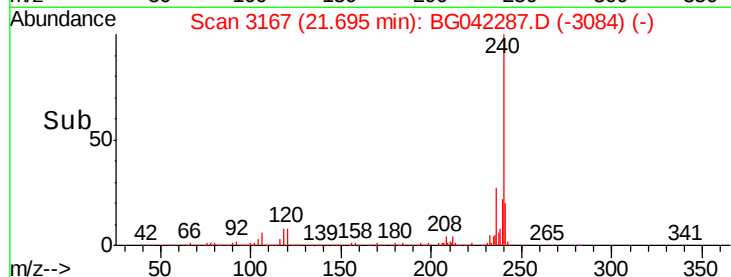
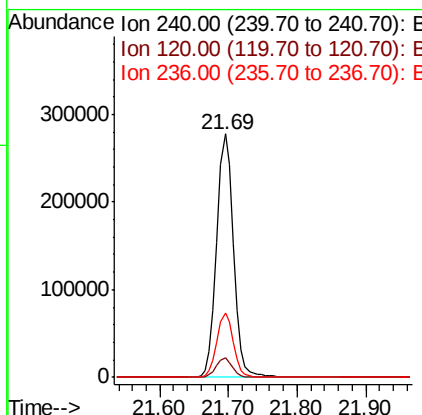
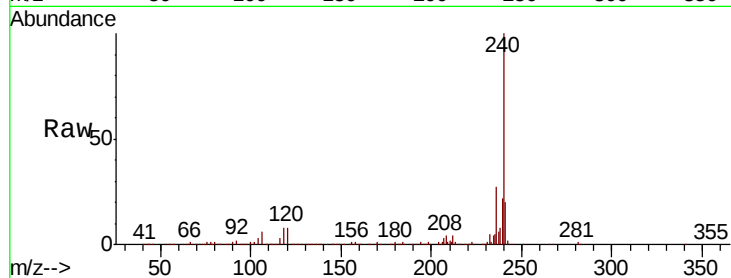




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.04 min
 Lab File: BG042287.D
 Acq: 17 Aug 2019 12:54

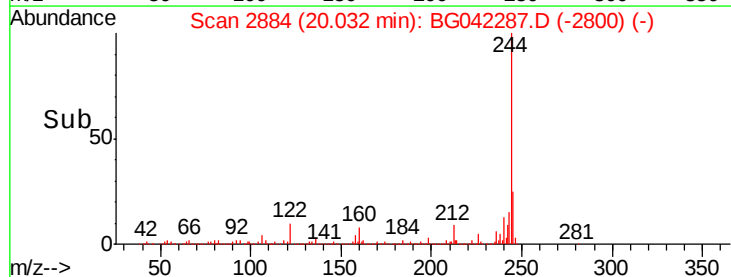
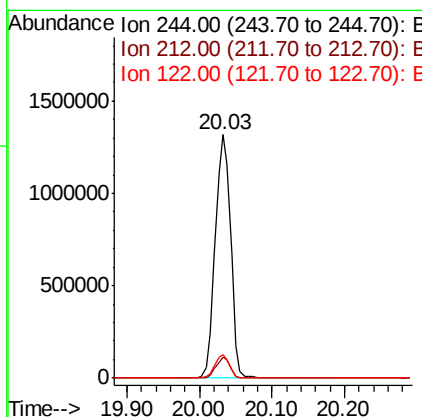
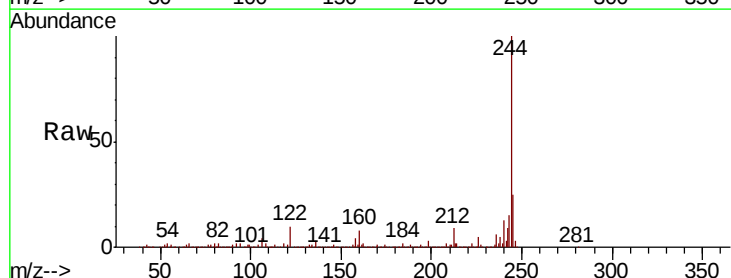
Instrument :
 BNA_G
 ClientSampleId :
 TP-6

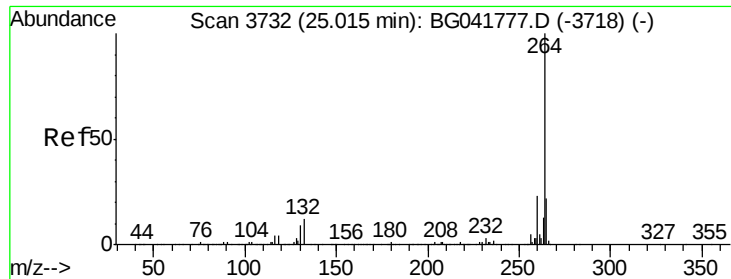
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.0	12.0
236	26.7	22.6	33.8



#79
 Terphenyl-d14
 Concen: 94.052 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.03 min
 Lab File: BG042287.D
 Acq: 17 Aug 2019 12:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	9.7	14.5#
122	9.8	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.08 min
Lab File: BG042287.D
Acq: 17 Aug 2019 12:54

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.3	18.0	27.0

