

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073119\
 Data File : BG041845.D
 Acq On : 31 Jul 2019 22:41
 Operator : HP/JU
 Sample : K4024-04RX
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Aug 01 01:51:03 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

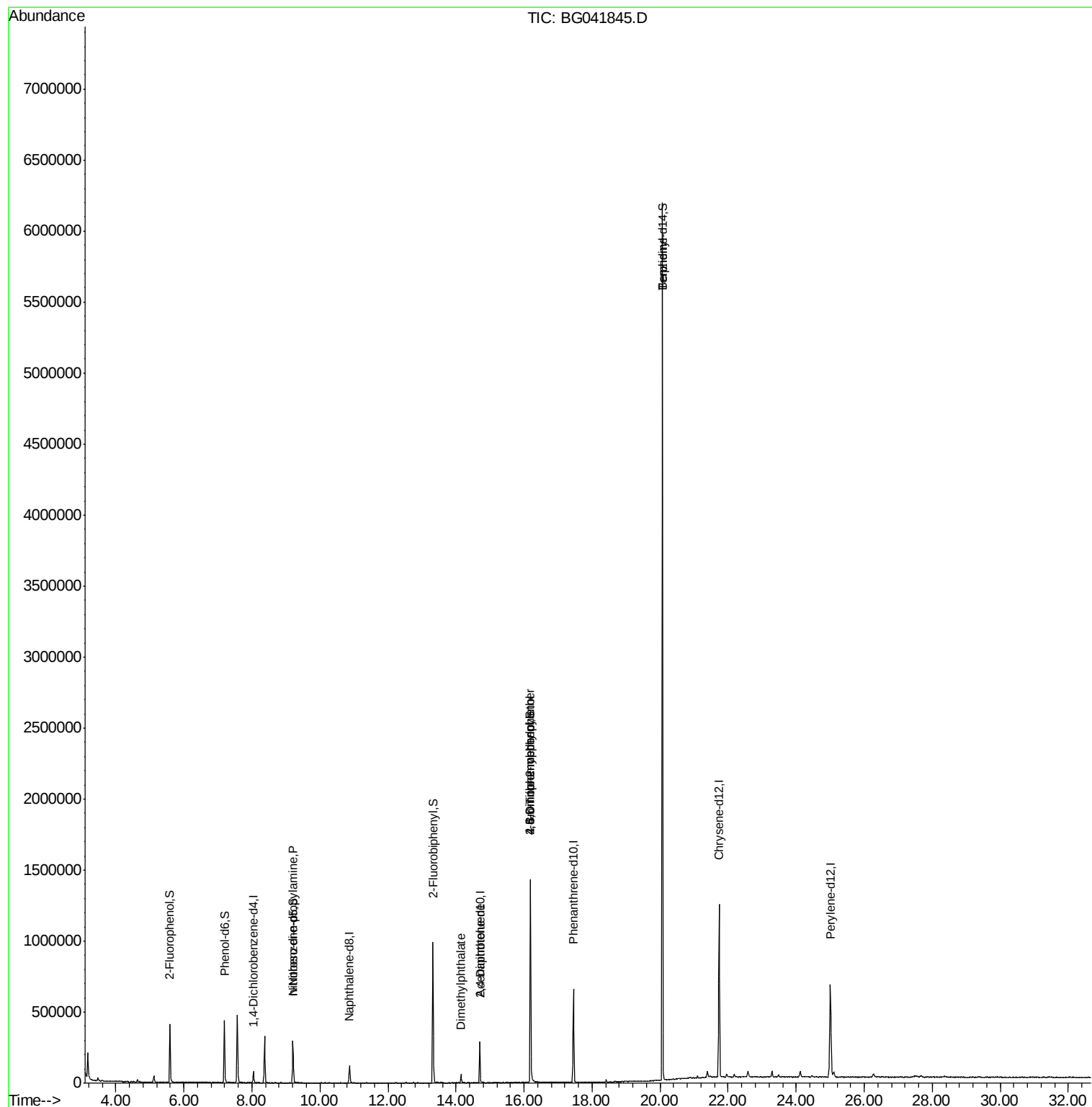
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	25338	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	116163	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	106906	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	436354	20.00	ng	0.00
76) Chrysene-d12	21.73	240	730984	20.00	ng	0.00
87) Perylene-d12	25.00	264	768226	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	205240	157.60	ng	0.00
7) Phenol-d6	7.19	99	280592	159.82	ng	0.00
23) Nitrobenzene-d5	9.20	82	185242	109.74	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	316897	260.97	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	570146	94.06	ng	-0.01
79) Terphenyl-d14	20.07	244	2767624	86.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	23066	18.096	ng	Qvalue # 70
50) Dimethylphthalate	14.15	163	49045	6.717	ng	# 96
57) 2,4-Dinitrotoluene	14.70	165	13301	6.335	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.19	198	884	7.207	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	23141	4.305	ng	# 1
77) Benzidine	20.07	184	51837	2.173	ng	# 94

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

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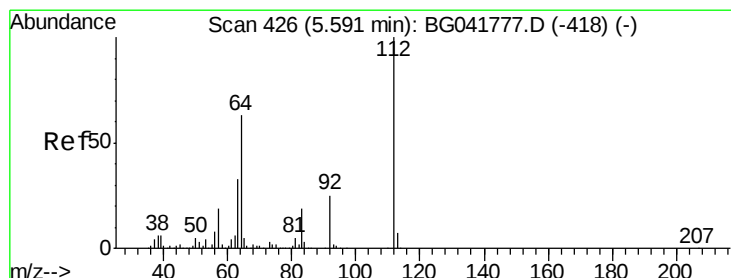
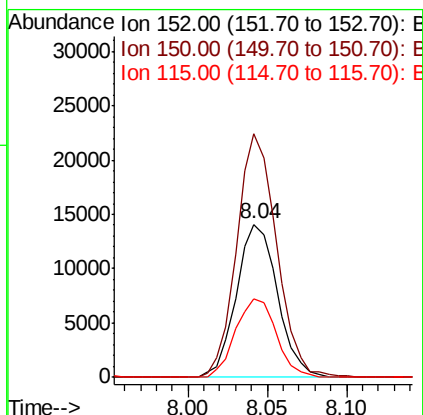
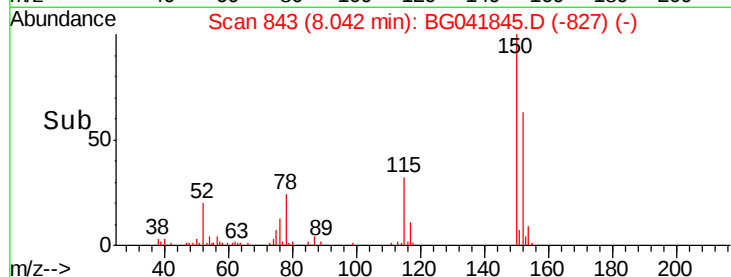
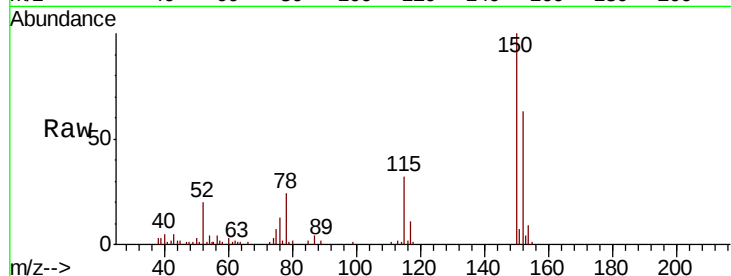


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041845.D
Acq: 31 Jul 2019 22:41

Instrument :
BNA_G
ClientSampleId :
TP-8

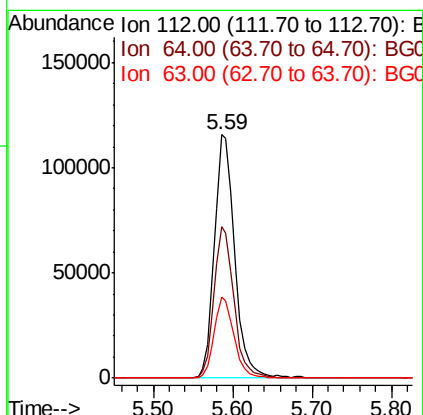
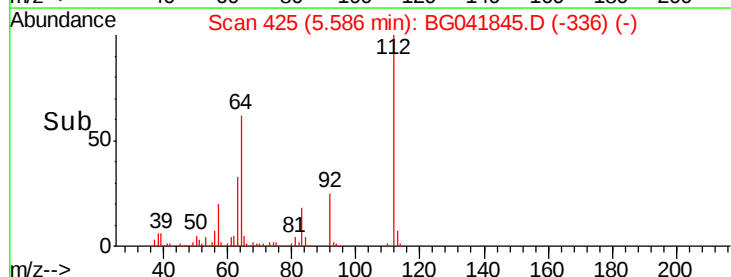
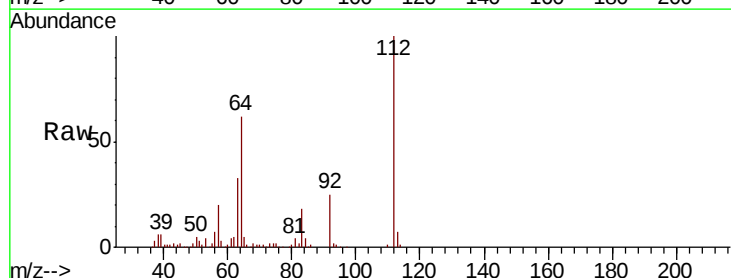
Tgt Ion:152 Resp: 25338
Ion Ratio Lower Upper
152 100
150 159.2 126.9 190.3
115 51.2 45.0 67.6



#5

2-Fluorophenol
Concen: 157.597 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG041845.D
Acq: 31 Jul 2019 22:41

Tgt Ion:112 Resp: 205240
Ion Ratio Lower Upper
112 100
64 62.0 55.4 83.2
63 33.1 29.1 43.7





#7

Phenol-d6

Concen: 159.816 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041845.D

Acq: 31 Jul 2019 22:41

Instrument :

BNA_G

ClientSampleId :

TP-8

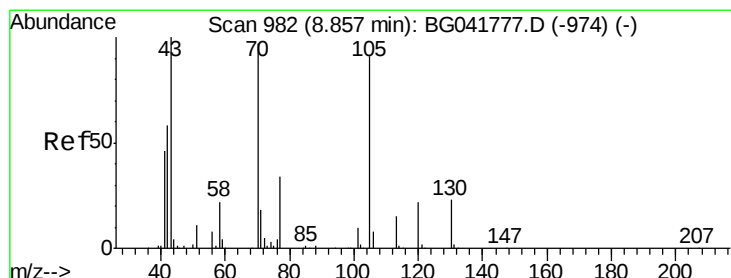
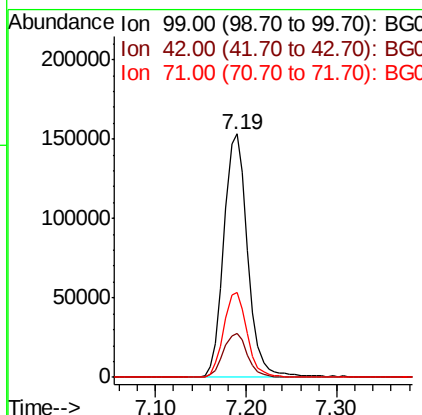
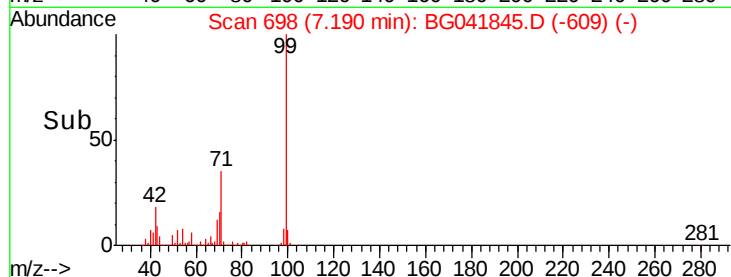
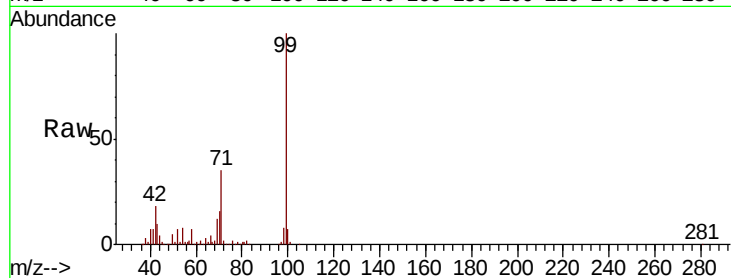
Tgt Ion: 99 Resp: 280592

Ion Ratio Lower Upper

99 100

42 17.8 17.6 26.4

71 34.7 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.096 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.35 min

Lab File: BG041845.D

Acq: 31 Jul 2019 22:41

Tgt Ion: 70 Resp: 23066

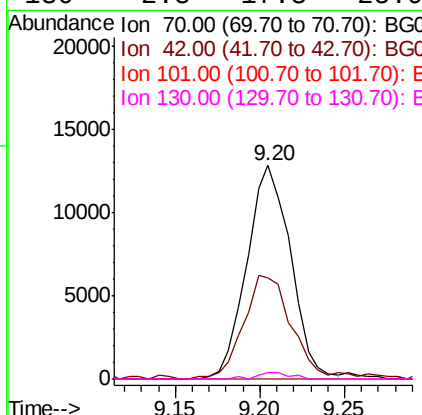
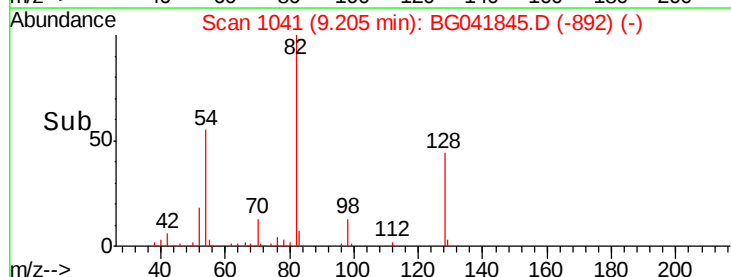
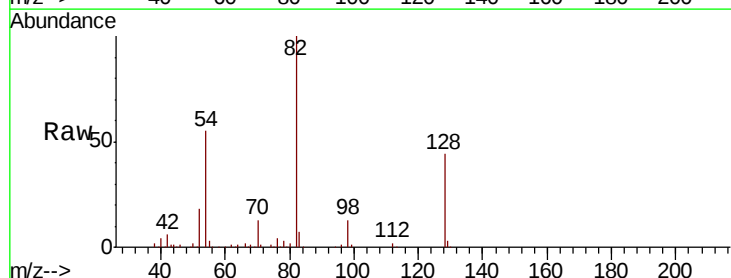
Ion Ratio Lower Upper

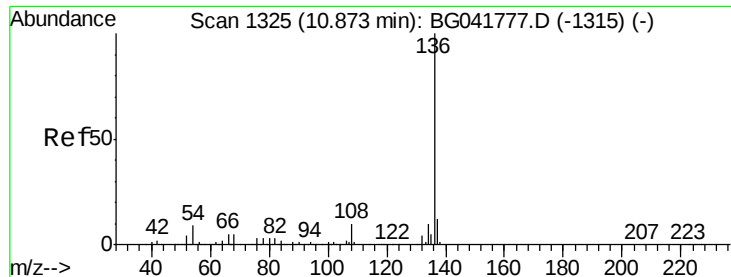
70 100

42 47.3 55.8 83.6#

101 0.0 8.1 12.1#

130 2.8 17.3 25.9#

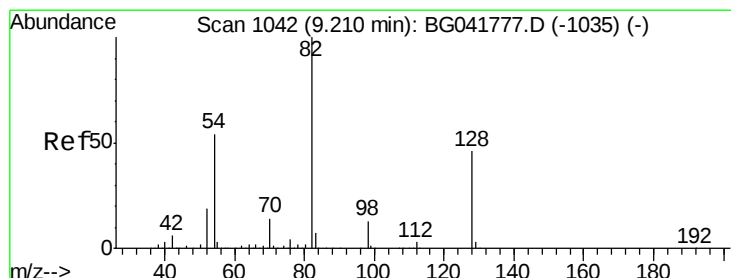
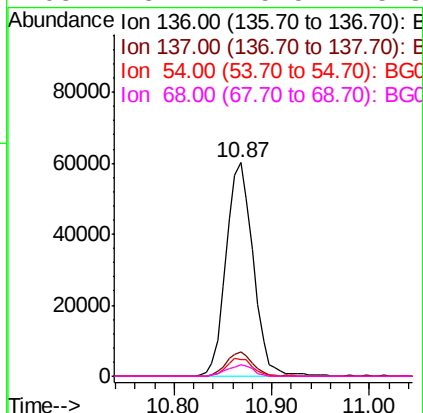
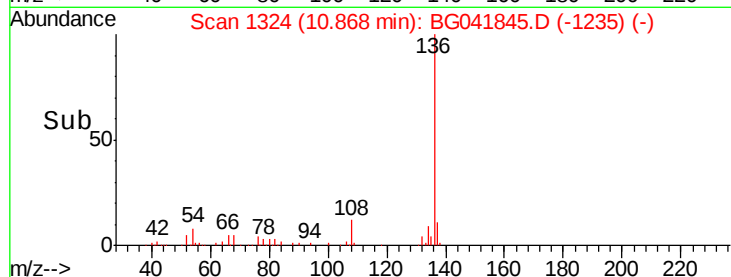
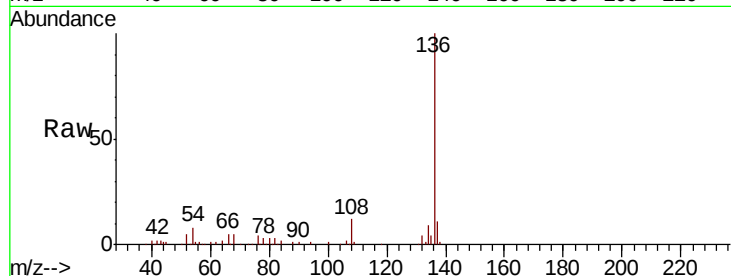




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041845.D
Acq: 31 Jul 2019 22:41

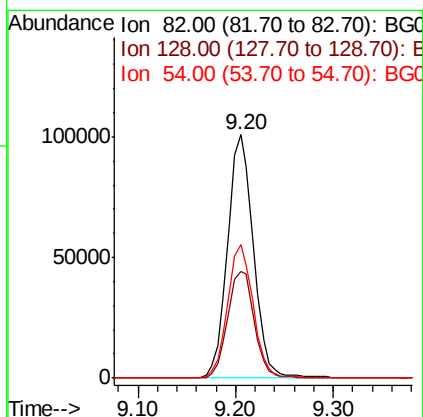
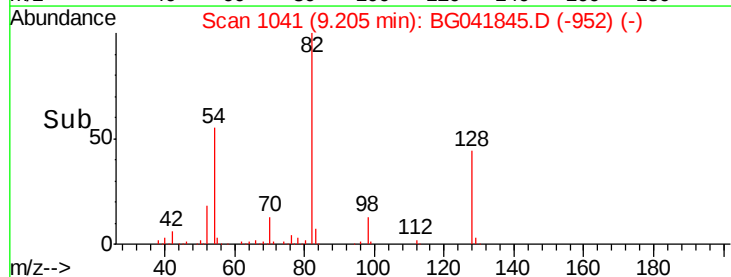
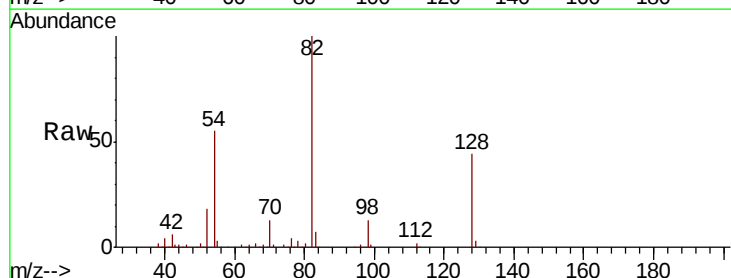
Instrument :
BNA_G
ClientSampleId :
TP-8

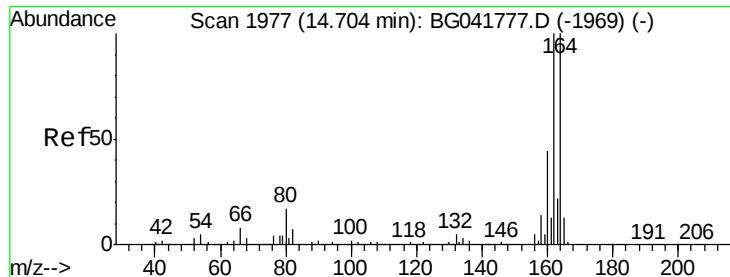
Tgt Ion:	136	Resp:	116163
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.7	8.7	13.1#
68	5.2	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 109.739 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041845.D
Acq: 31 Jul 2019 22:41

Tgt Ion:	82	Resp:	185242
Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.1	52.7
54	54.8	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: BG041845.D

Acq: 31 Jul 2019 22:41

Instrument :

BNA_G

ClientSampleId :

TP-8

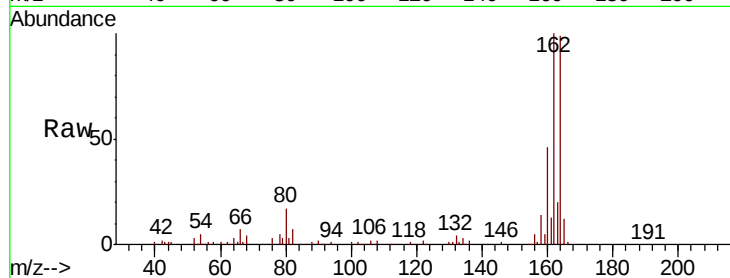
Tgt Ion:164 Resp: 106906

Ion Ratio Lower Upper

164 100

162 100.7 79.6 119.4

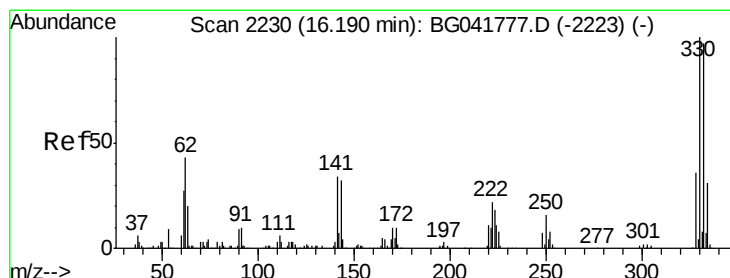
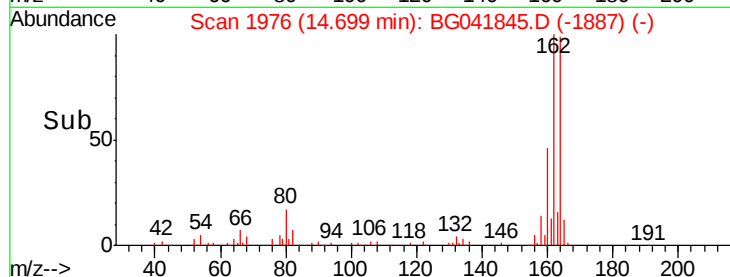
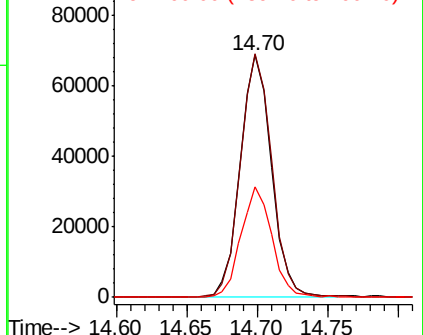
160 45.9 35.4 53.0



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: 260.970 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041845.D

Acq: 31 Jul 2019 22:41

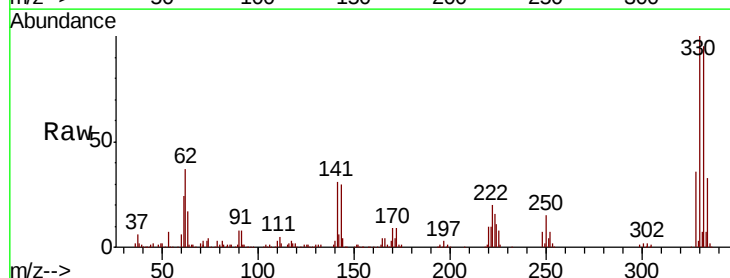
Tgt Ion:330 Resp: 316897

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.0

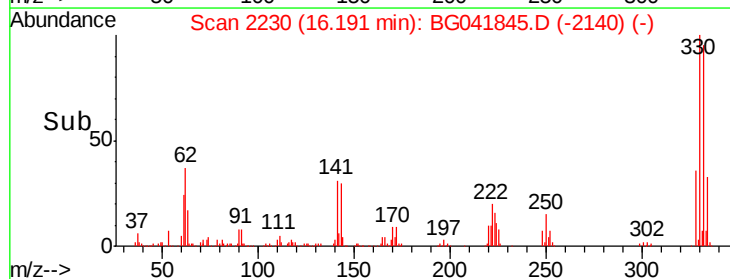
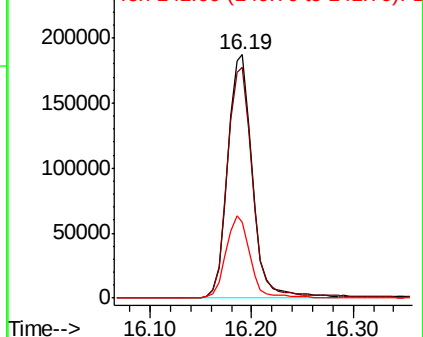
141 33.2 31.9 47.9

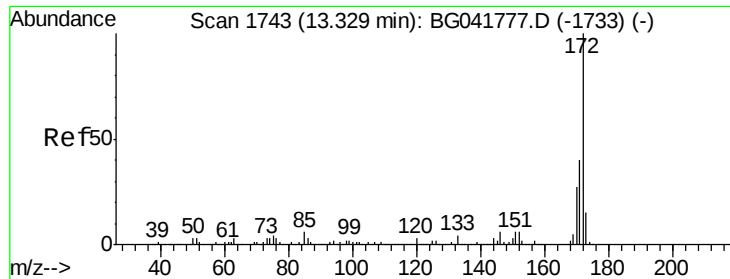


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

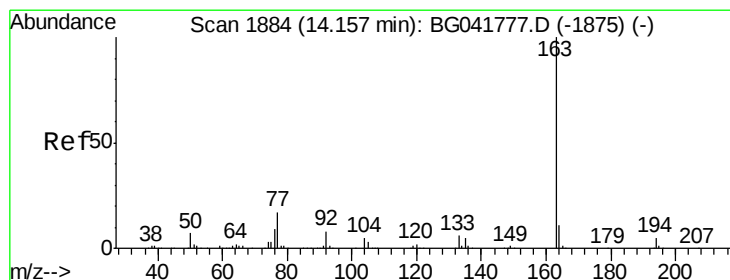
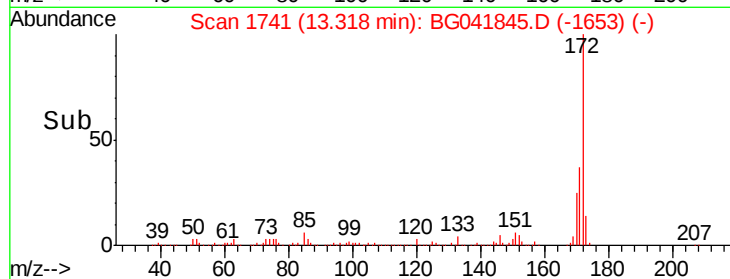
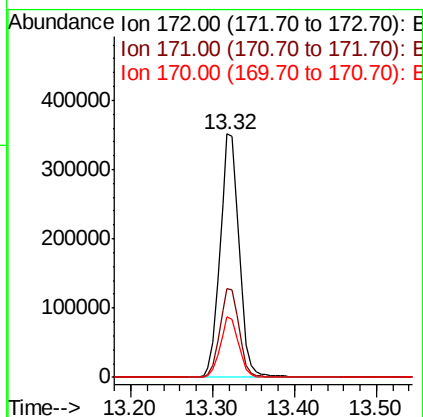
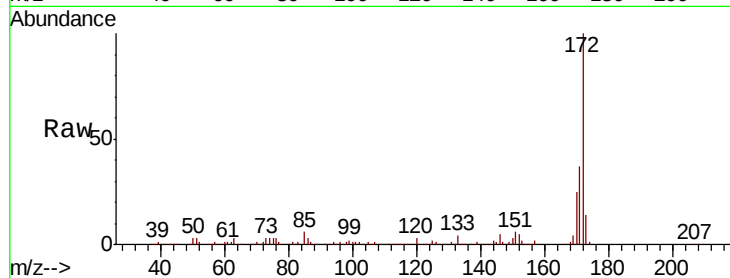




#45
 2-Fluorobiphenyl
 Concen: 94.062 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041845.D
 Acq: 31 Jul 2019 22:41

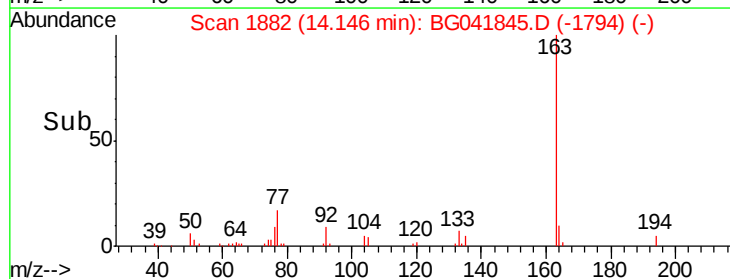
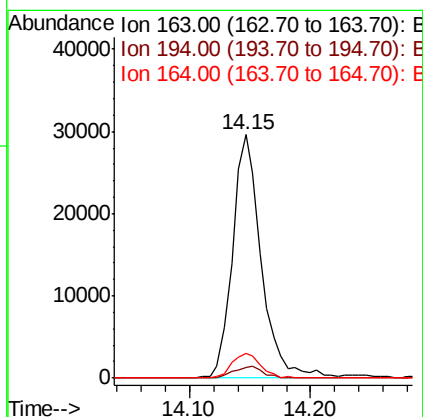
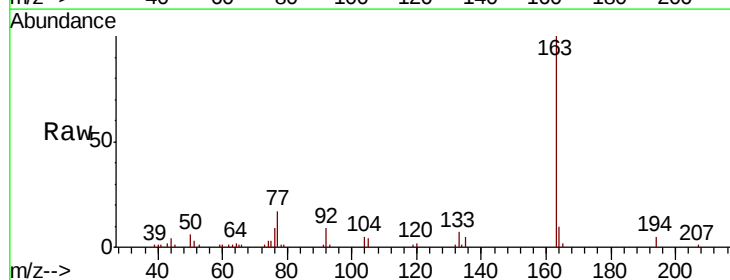
Instrument :
 BNA_G
 ClientSampleId :
 TP-8

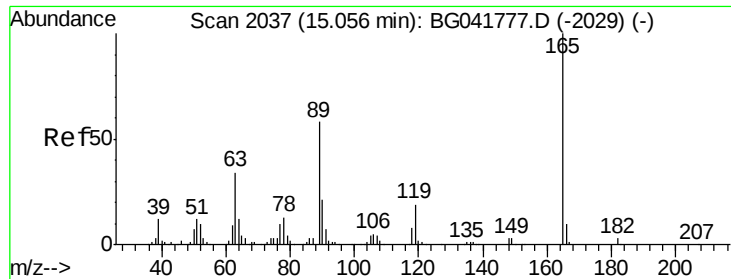
Tgt Ion:172 Resp: 570146
 Ion Ratio Lower Upper
 172 100
 171 36.7 35.0 52.4
 170 24.8 23.5 35.3



#50
 Dimethylphthalate
 Concen: 6.717 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.01 min
 Lab File: BG041845.D
 Acq: 31 Jul 2019 22:41

Tgt Ion:163 Resp: 49045
 Ion Ratio Lower Upper
 163 100
 194 4.6 4.2 6.2
 164 10.0 9.4 14.2

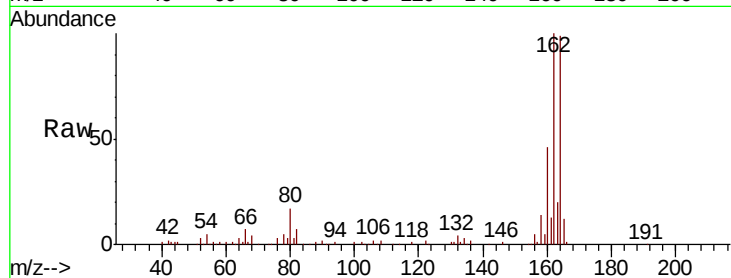




#57
 2,4-Dinitrotoluene
 Concen: 6.335 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.36 min
 Lab File: BG041845.D
 Acq: 31 Jul 2019 22:41

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	31.7	47.5#
89	0.0	50.2	75.4#
182	0.0	2.6	4.0#



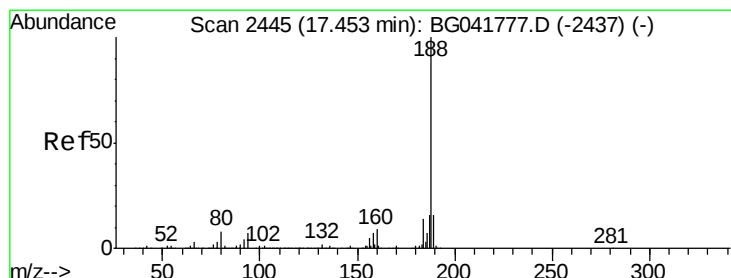
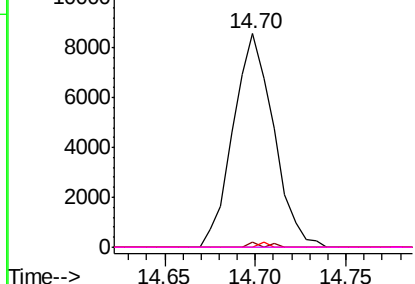
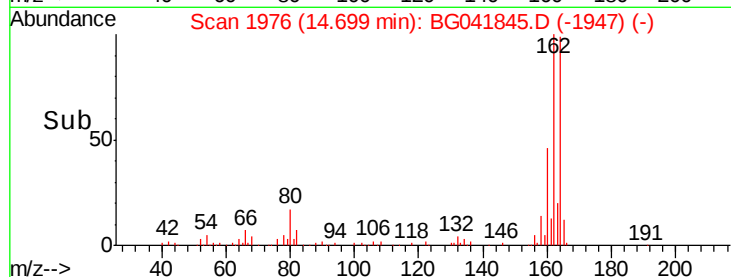
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

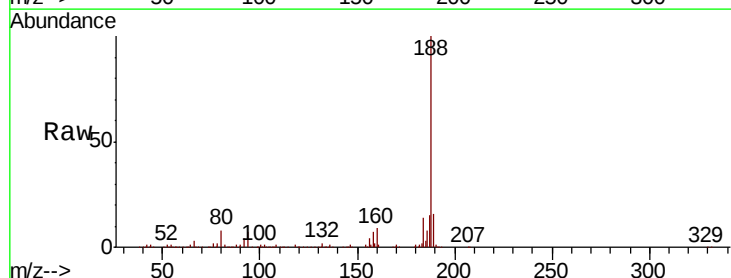
Ion 89.00 (88.70 to 89.70): BGC

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. -0.00 min
 Lab File: BG041845.D
 Acq: 31 Jul 2019 22:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	7.8	8.0	12.0#

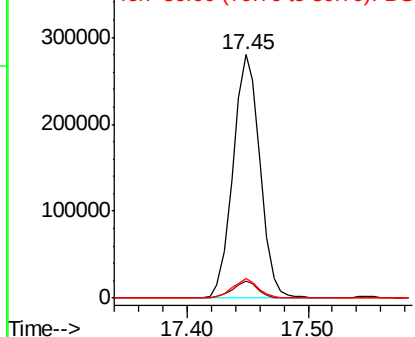
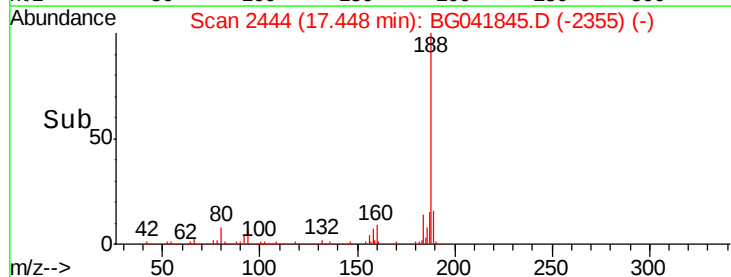


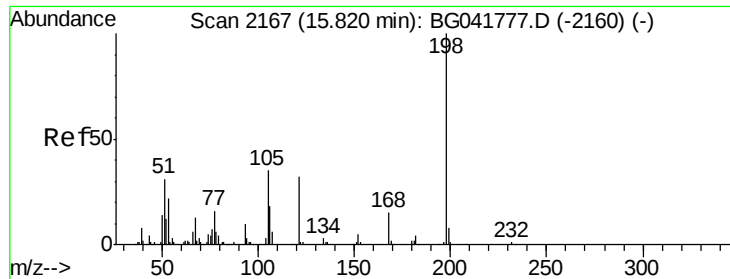
Abundance

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

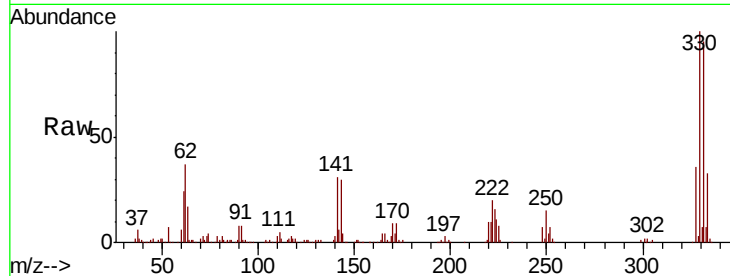




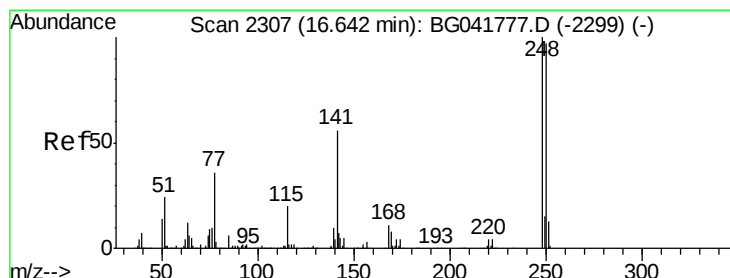
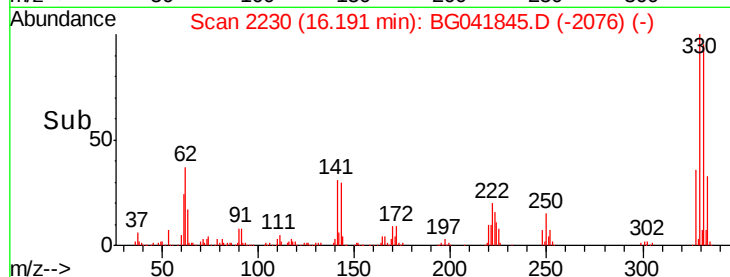
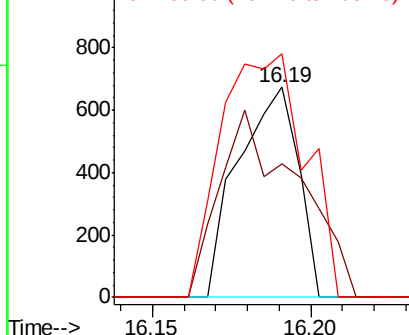
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.207 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.37 min
 Lab File: BG041845.D
 Acq: 31 Jul 2019 22:41

Instrument :
 BNA_G
 ClientSampled :
 TP-8

Tgt Ion:198 Resp: 884
 Ion Ratio Lower Upper
 198 100
 51 63.3 22.3 62.3#
 105 115.9 18.0 58.0#

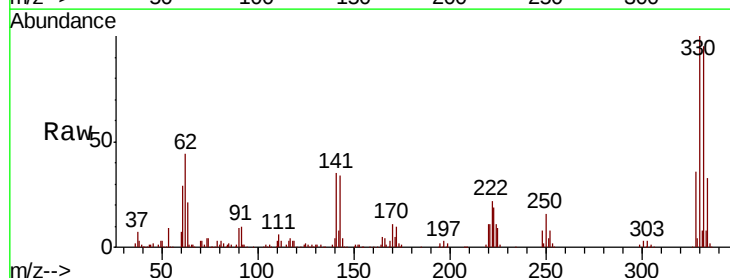


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

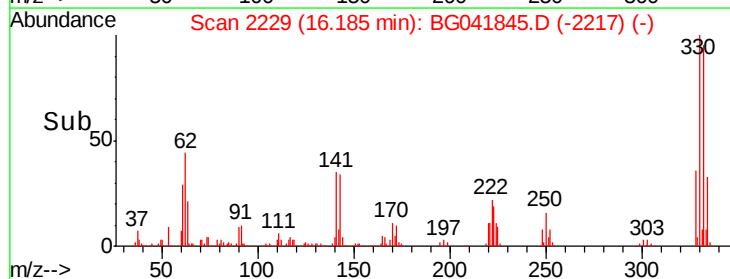
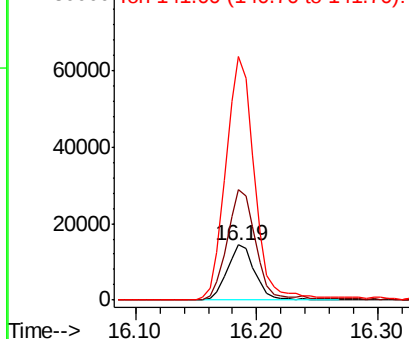


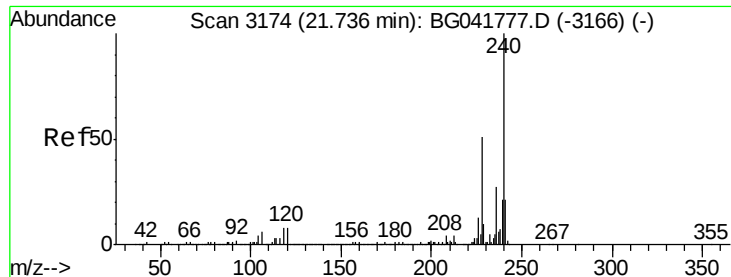
#67
 4-Bromophenyl-phenylether
 Concen: 4.305 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.46 min
 Lab File: BG041845.D
 Acq: 31 Jul 2019 22:41

Tgt Ion:248 Resp: 23141
 Ion Ratio Lower Upper
 248 100
 250 202.0 78.1 117.1#
 141 443.6 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

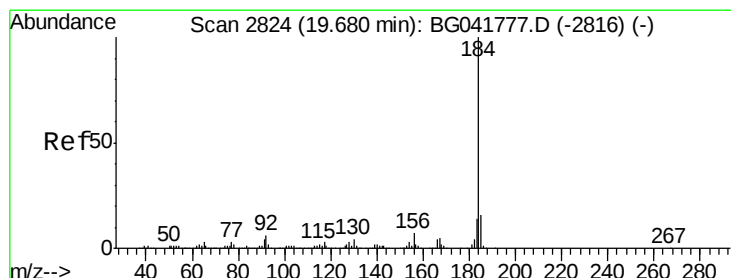
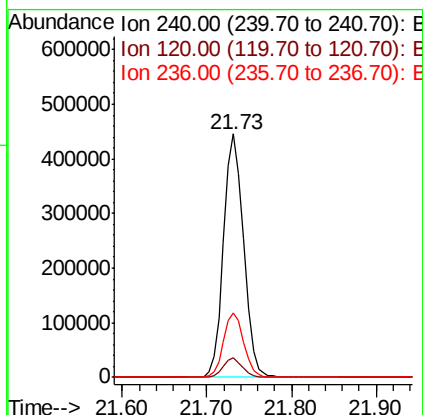
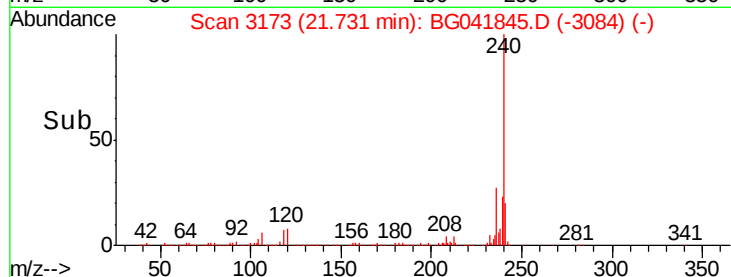
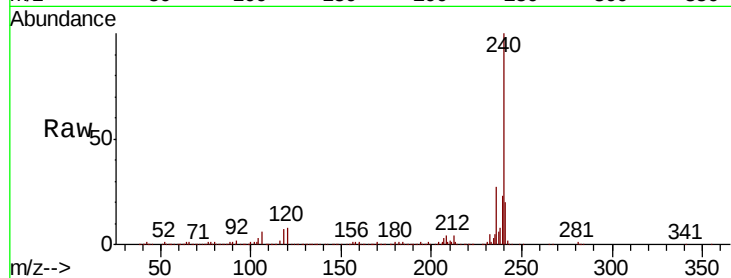




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041845.D
Acq: 31 Jul 2019 22:41

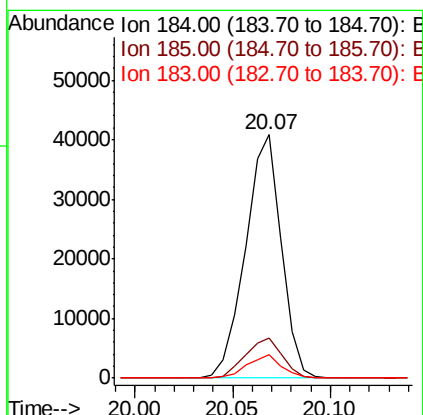
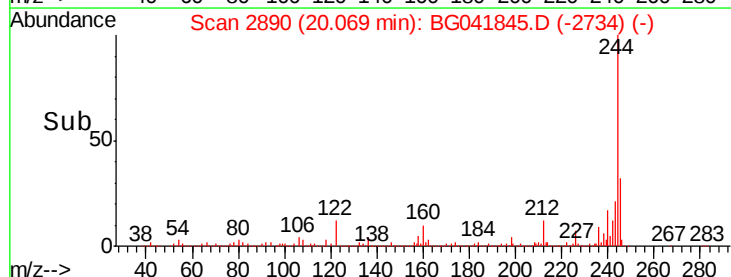
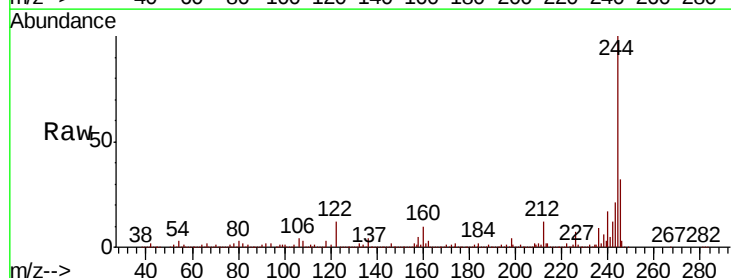
Instrument :
BNA_G
ClientSampleId :
TP-8

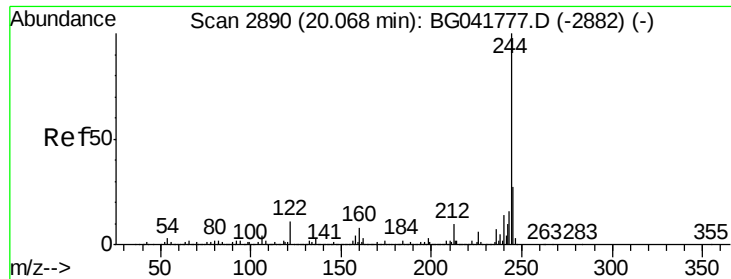
Tgt Ion:240 Resp: 730984
Ion Ratio Lower Upper
240 100
120 7.8 8.0 12.0#
236 26.7 22.6 33.8



#77
Benzidine
Concen: 2.173 ng
RT: 20.07 min Scan# 2890
Delta R.T. 0.39 min
Lab File: BG041845.D
Acq: 31 Jul 2019 22:41

Tgt Ion:184 Resp: 51837
Ion Ratio Lower Upper
184 100
185 16.3 13.0 19.4
183 9.7 11.8 17.6#





#79

Terphenyl-d14

Concen: 86.637 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041845.D

Acq: 31 Jul 2019 22:41

Instrument :

BNA_G

ClientSampleId :

TP-8

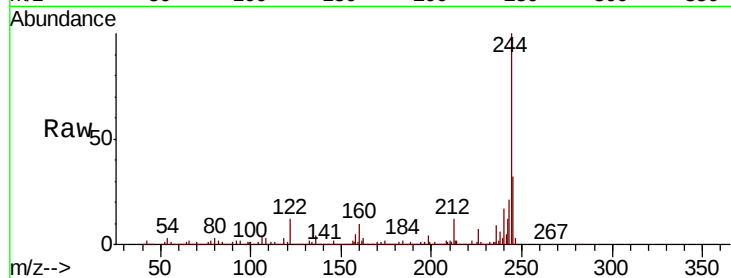
Tgt Ion:244 Resp: 2767624

Ion Ratio Lower Upper

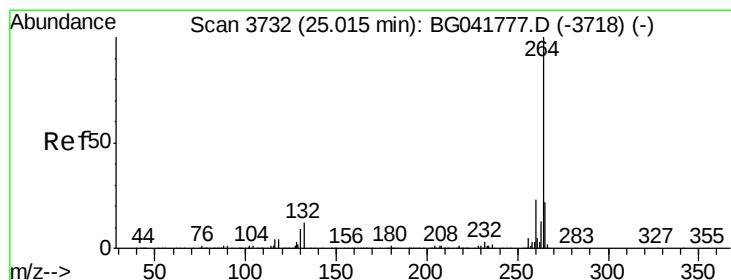
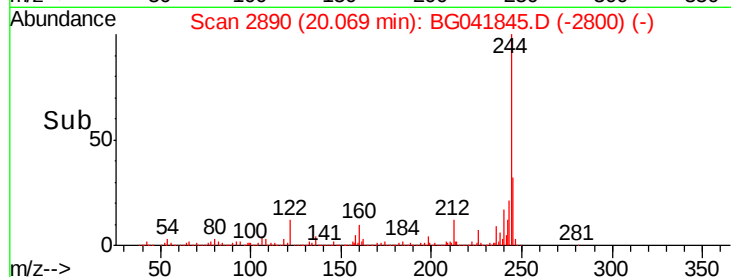
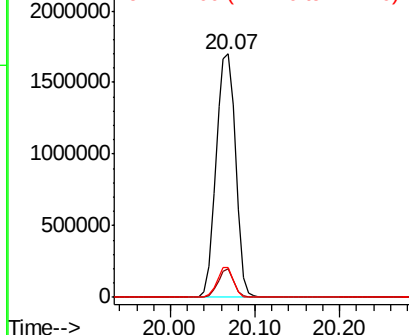
244 100

212 11.7 9.7 14.5

122 12.3 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: 25.00 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041845.D

Acq: 31 Jul 2019 22:41

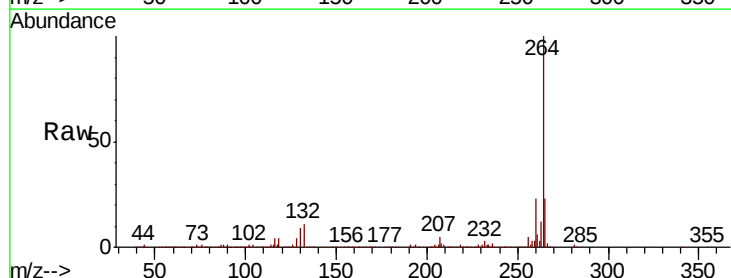
Tgt Ion:264 Resp: 768226

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 22.5 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

