

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041831.D
 Acq On : 31 Jul 2019 13:36
 Operator : HP/JU
 Sample : K4021-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Quant Time: Jul 31 16:28:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 12:47:21 2019
 Response via : Initial Calibration

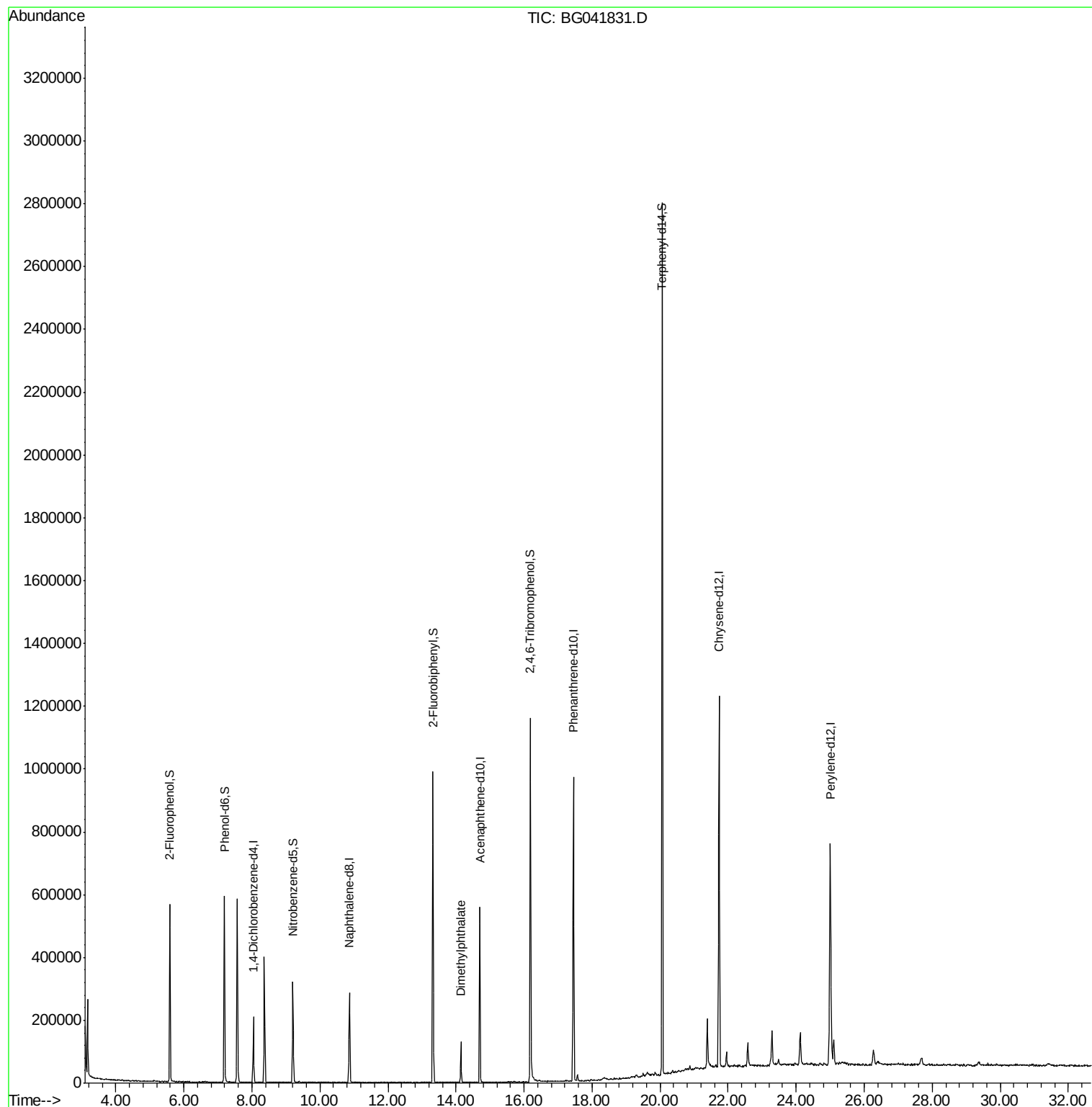
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	63898	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	266026	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	216972	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	627618	20.00	ng	0.00
76) Chrysene-d12	21.73	240	703874	20.00	ng	0.00
87) Perylene-d12	25.00	264	807172	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	258013	78.56	ng	0.00
7) Phenol-d6	7.19	99	363356	82.07	ng	0.00
23) Nitrobenzene-d5	9.21	82	199232	51.54	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	255603	103.71	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	549865	44.70	ng	0.00
79) Terphenyl-d14	20.06	244	1405397	45.69	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.14	163	94991	6.410	ng	Qvalue 98

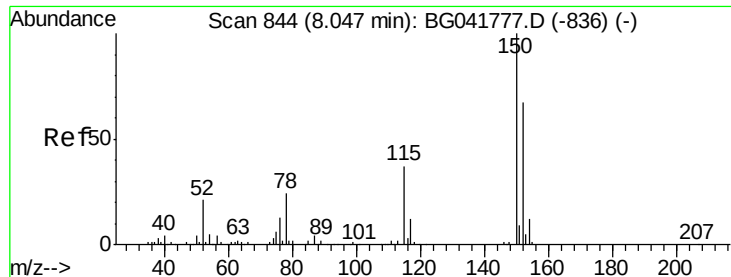
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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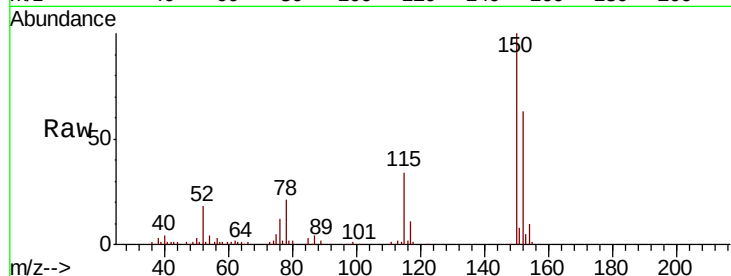


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041831.D
Acq: 31 Jul 2019 13:36

Instrument :
BNA_G
ClientSampleId :
TP-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.9	190.3
115	54.7	45.0	67.6

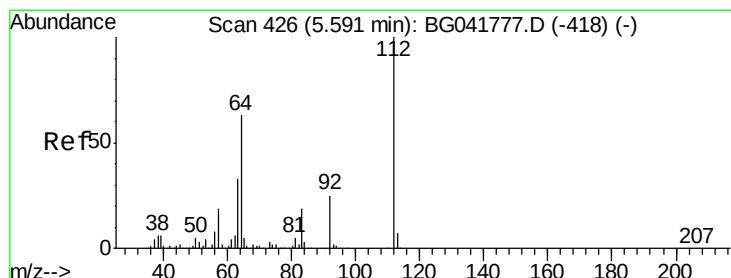
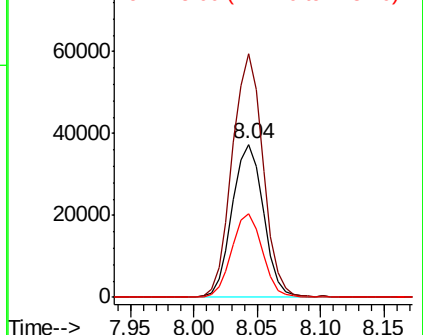
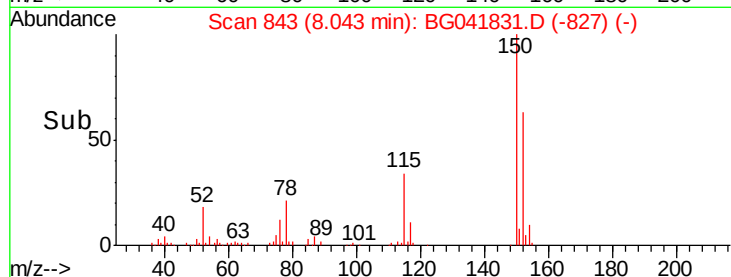


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

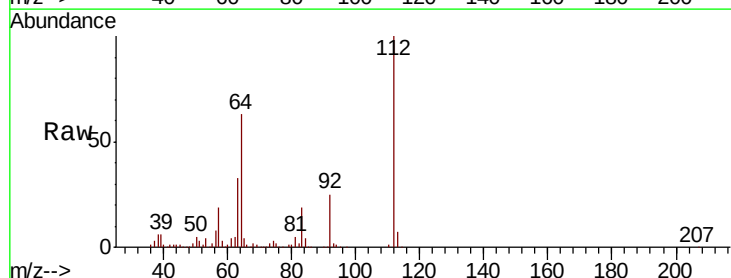
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 78.562 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG041831.D
Acq: 31 Jul 2019 13:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	55.4	83.2
63	33.3	29.1	43.7

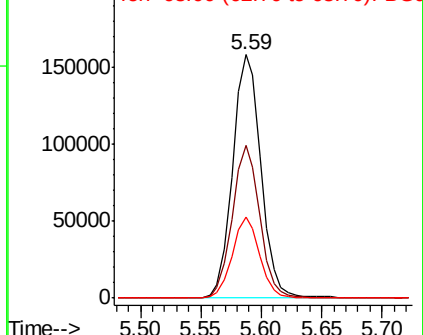
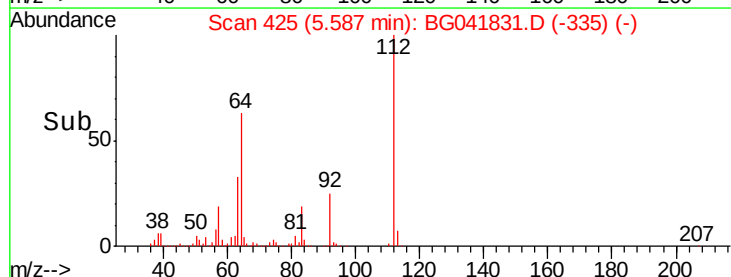


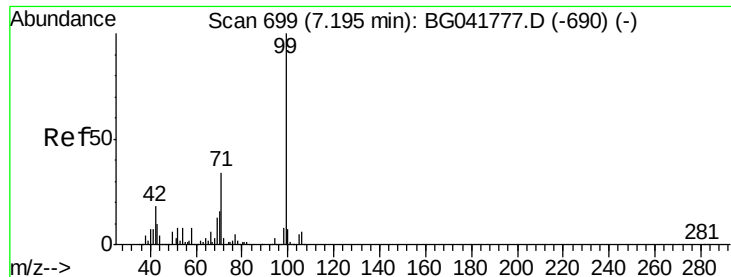
Abundance

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: 82.066 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041831.D

Acq: 31 Jul 2019 13:36

Instrument :

BNA_G

ClientSampled :

TP-9

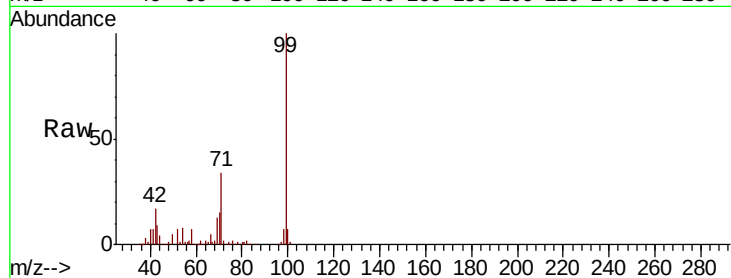
Tot Ion: 99 Resp: 363356

Ion Ratio Lower Upper

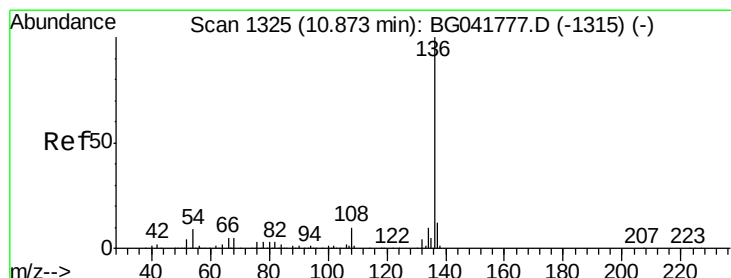
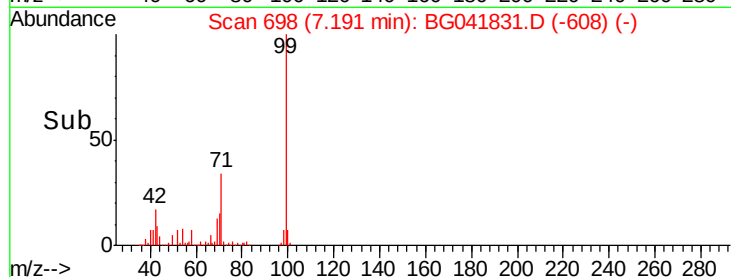
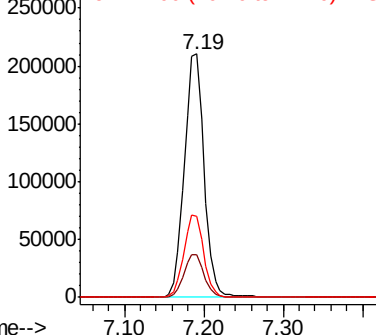
99 100

42 17.3 17.6 26.4#

71 33.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BG041831.D

Acq: 31 Jul 2019 13:36

Tgt Ion: 136 Resp: 266026

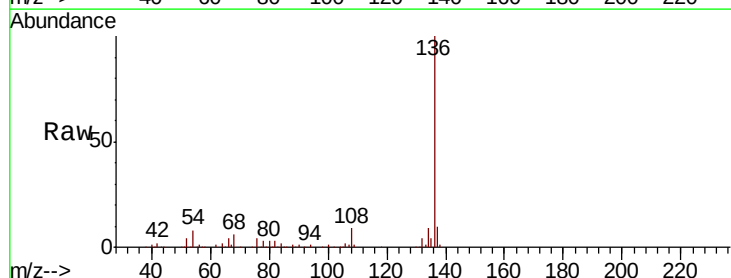
Ion Ratio Lower Upper

136 100

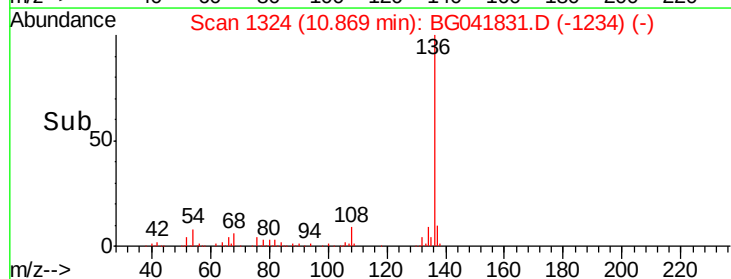
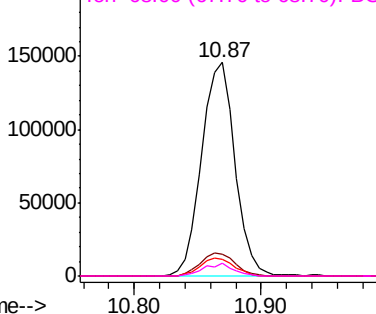
137 10.0 9.2 13.8

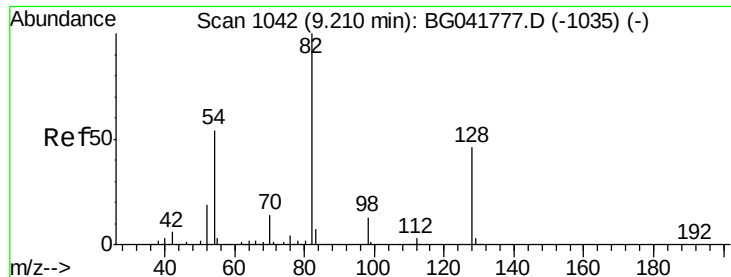
54 7.9 8.7 13.1#

68 6.0 5.5 8.3



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

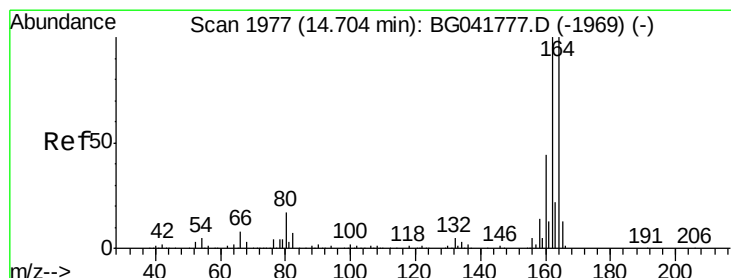
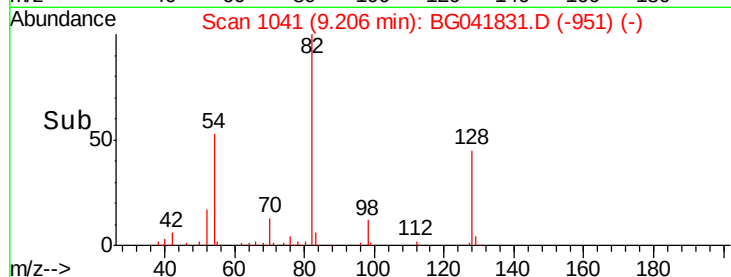
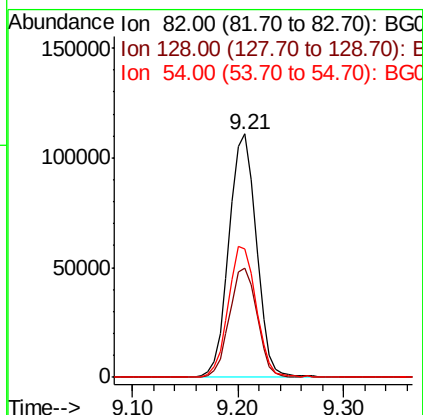
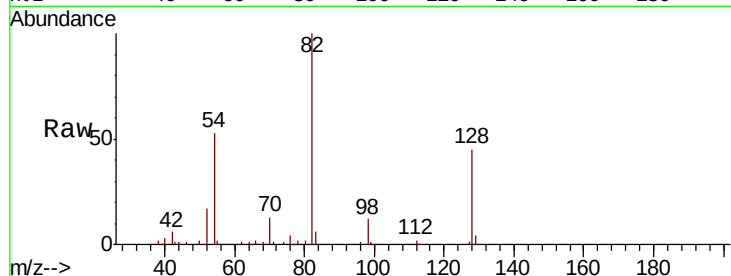




#23
Nitrobenzene-d5
Concen: 51.538 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041831.D
Acq: 31 Jul 2019 13:36

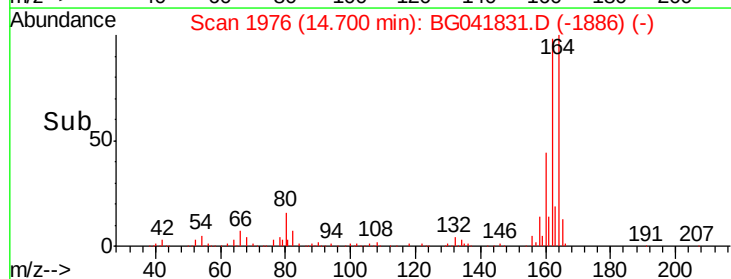
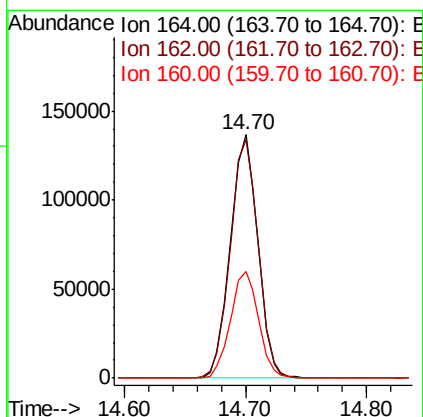
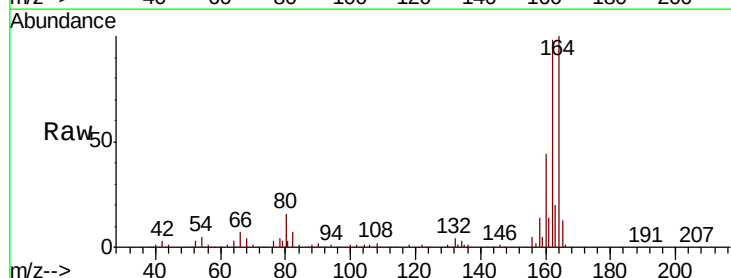
Instrument :
BNA_G
ClientSampled :
TP-9

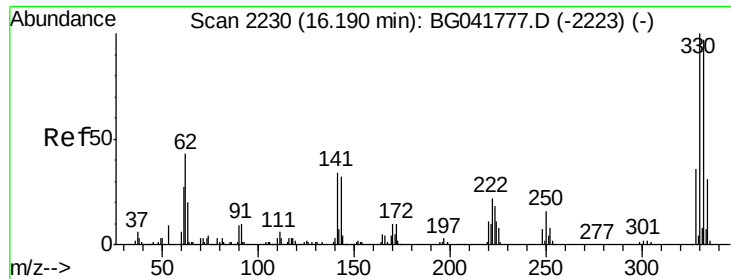
Tot Ion	82	Resp	199232
Ion Ratio	Lower	Upper	
82	100		
128	44.8	35.1	52.7
54	52.5	48.7	73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041831.D
Acq: 31 Jul 2019 13:36

Tgt Ion	164	Resp	216972
Ion Ratio	Lower	Upper	
164	100		
162	97.7	79.6	119.4
160	43.6	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 103.714 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG041831.D

Acq: 31 Jul 2019 13:36

Instrument :

BNA_G

ClientSampleId :

TP-9

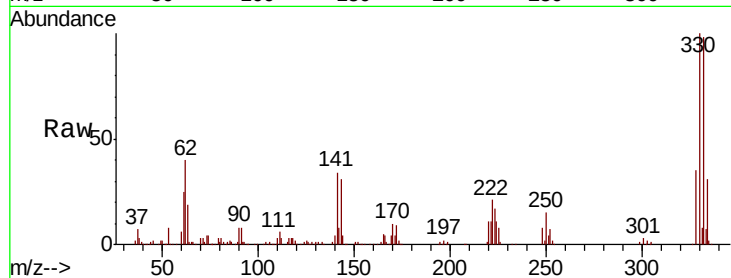
Tot Ion:330 Resp: 255603

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 31.6 31.9 47.9#

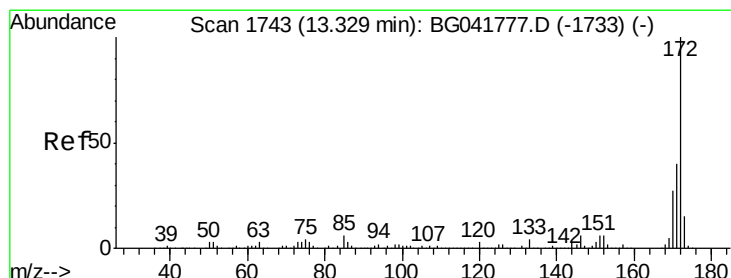
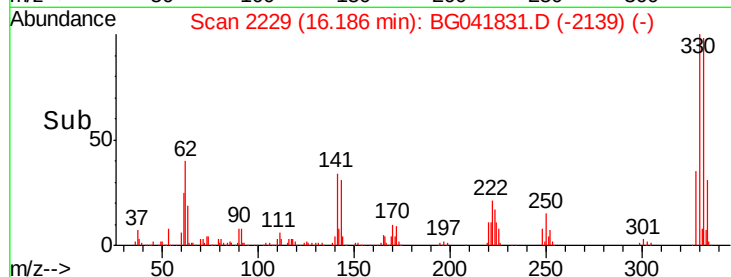
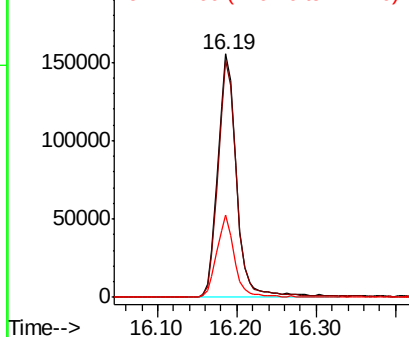


Abundance

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: 44.697 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG041831.D

Acq: 31 Jul 2019 13:36

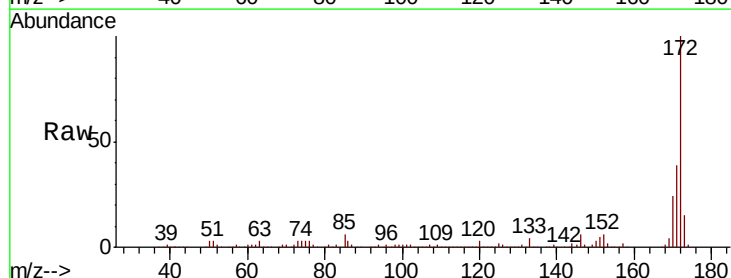
Tgt Ion:172 Resp: 549865

Ion Ratio Lower Upper

172 100

171 39.1 35.0 52.4

170 24.1 23.5 35.3

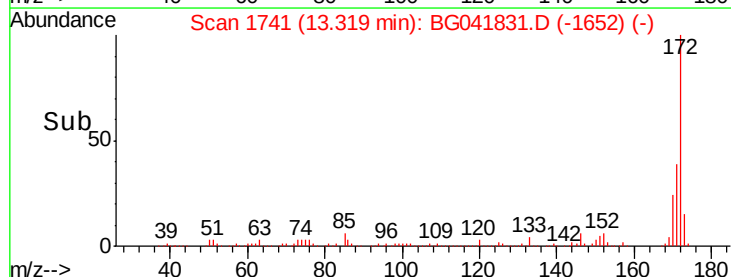
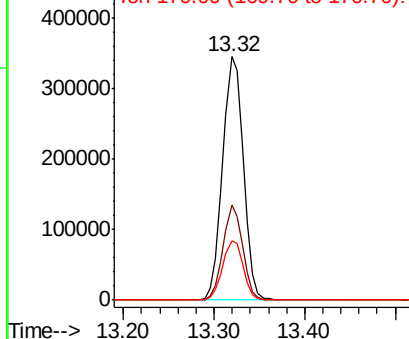


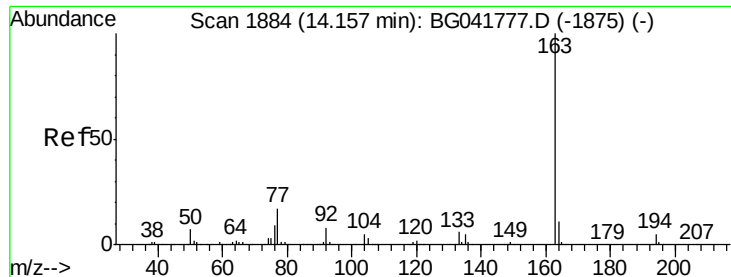
Abundance

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: 6.410 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BG041831.D

Acq: 31 Jul 2019 13:36

Instrument :

BNA_G

ClientSampleId :

TP-9

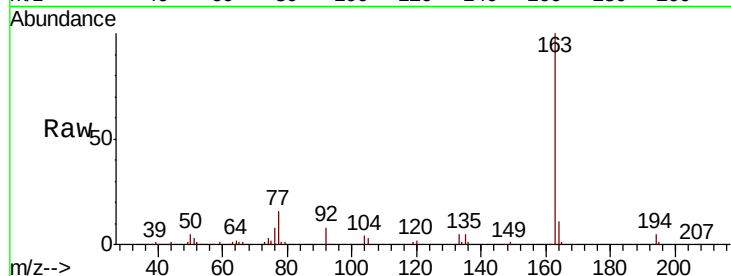
Tot Ion:163 Resp: 94991

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.2

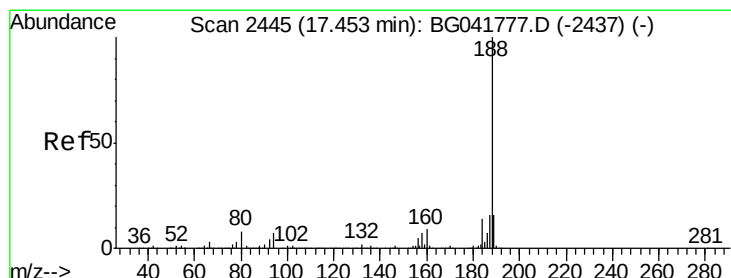
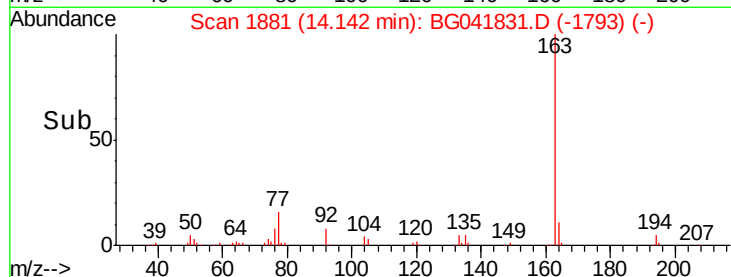
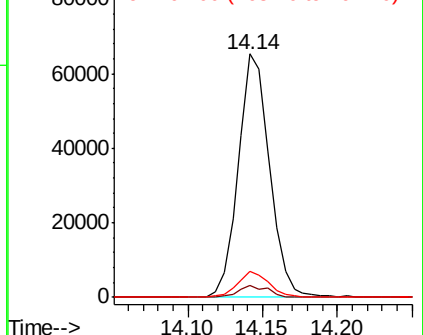
164 10.9 9.4 14.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041831.D

Acq: 31 Jul 2019 13:36

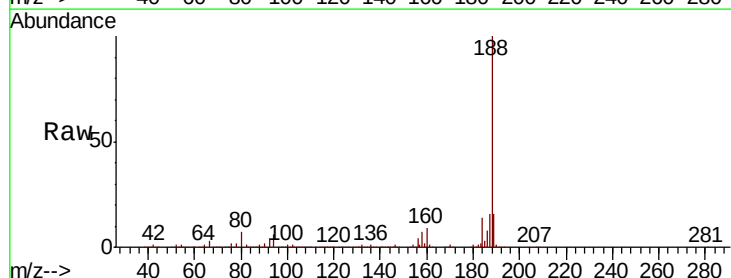
Tgt Ion:188 Resp: 627618

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

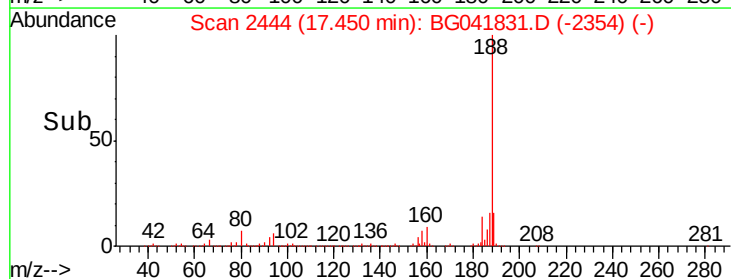
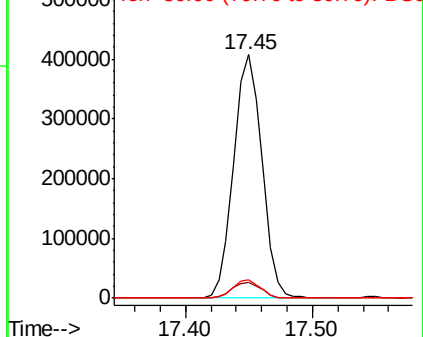
80 7.4 8.0 12.0#

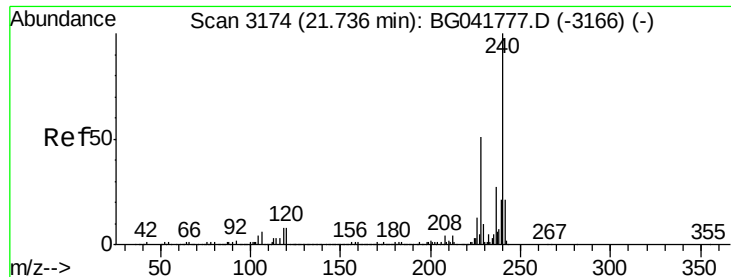


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

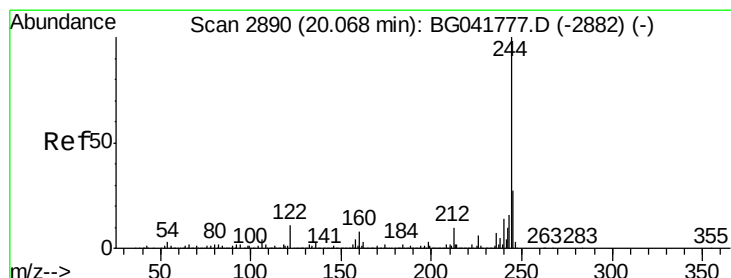
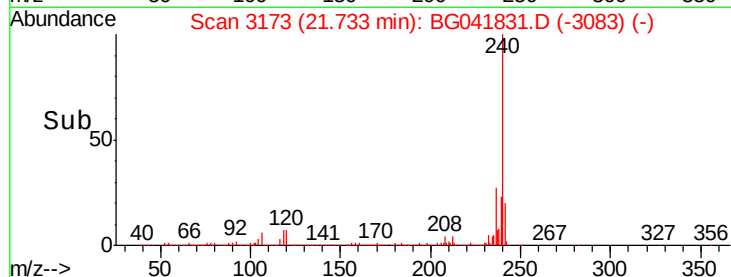
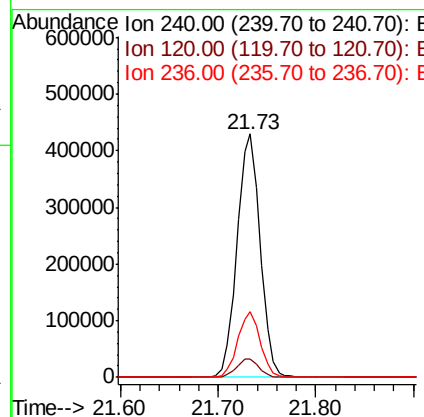
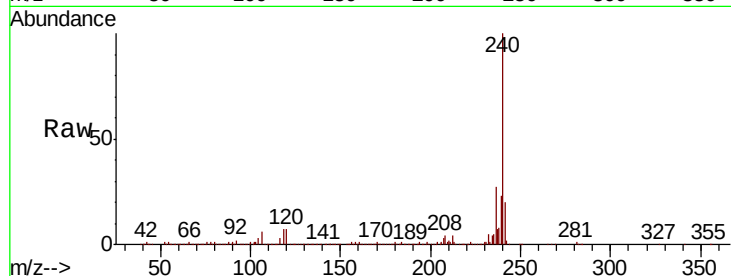




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: BG041831.D
 Acq: 31 Jul 2019 13:36

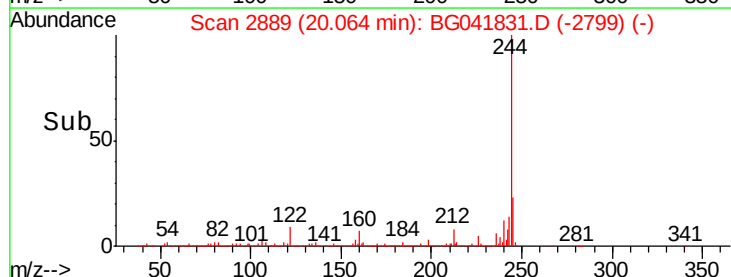
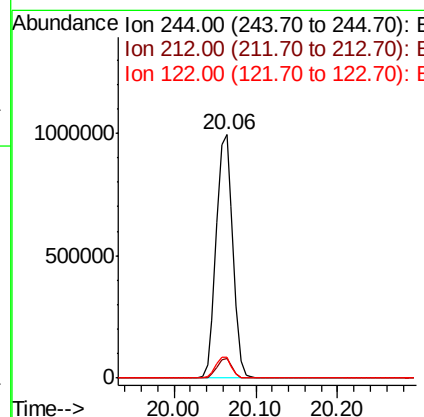
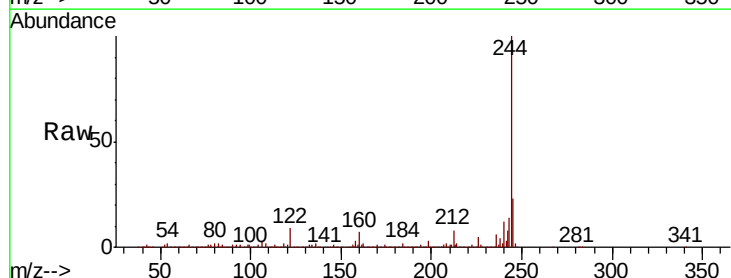
Instrument :
 BNA_G
 ClientSampleId :
 TP-9

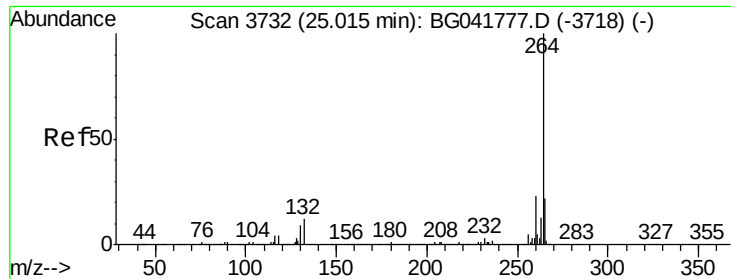
Tot Ion:240 Resp: 703874
 Ion Ratio Lower Upper
 240 100
 120 7.4 8.0 12.0#
 236 27.0 22.6 33.8



#79
 Terphenyl-d14
 Concen: 45.689 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: BG041831.D
 Acq: 31 Jul 2019 13:36

Tgt Ion:244 Resp: 1405397
 Ion Ratio Lower Upper
 244 100
 212 8.1 9.7 14.5#
 122 8.5 12.5 18.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG041831.D
Acq: 31 Jul 2019 13:36

Instrument :
BNA_G
ClientSampleId :
TP-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.4	18.0	27.0

