

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
 Data File : BG041846.D
 Acq On : 31 Jul 2019 23:19
 Operator : HP/JU
 Sample : K4024-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-A

Quant Time: Aug 01 03:50:06 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

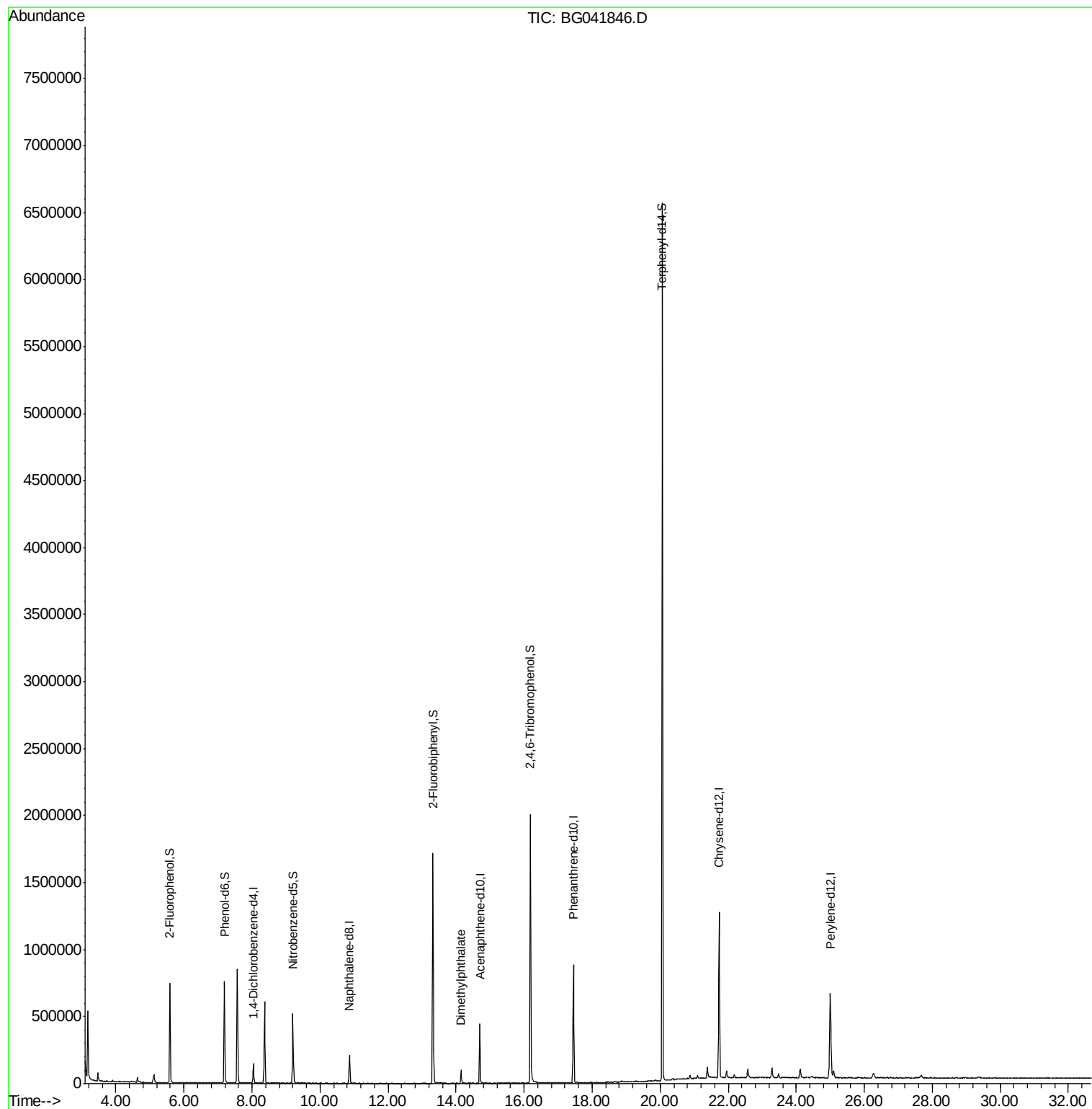
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44740	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	200936	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	169157	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	566662	20.00	ng	0.00
76) Chrysene-d12	21.73	240	744866	20.00	ng	0.00
87) Perylene-d12	25.00	264	749530	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	345729	150.35	ng	0.00
7) Phenol-d6	7.19	99	457703	147.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	323293	110.72	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	431375	224.51	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	964061	100.52	ng	-0.01
79) Terphenyl-d14	20.06	244	2909256	89.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.15	163	82320	7.126	ng	Qvalue 97

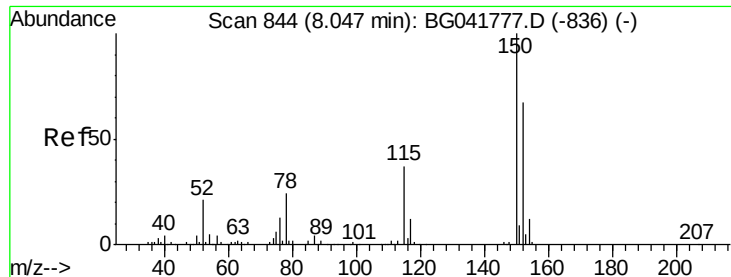
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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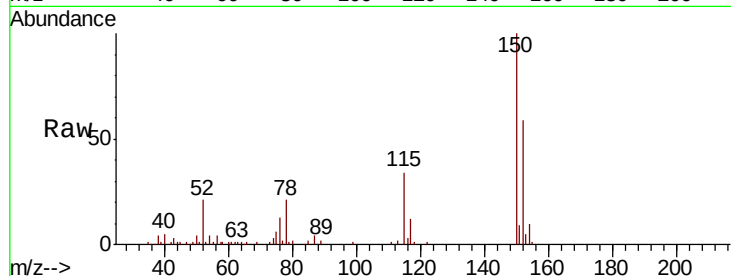


#1

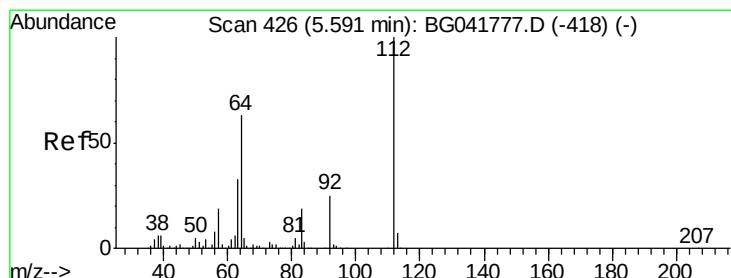
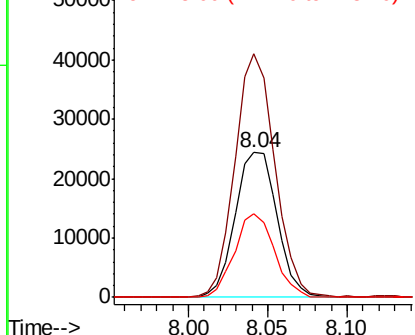
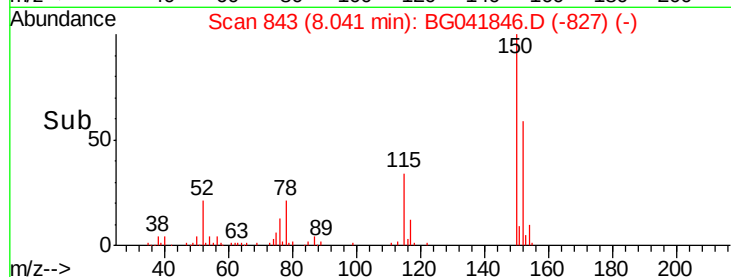
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041846.D
Acq: 31 Jul 2019 23:19

Instrument :
BNA_G
ClientSampled :
TP-6-A

Tot Ion:152 Resp: 44740
Ion Ratio Lower Upper
152 100
150 168.5 126.9 190.3
115 57.8 45.0 67.6



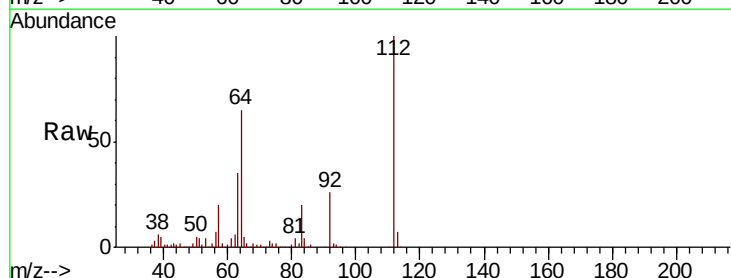
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



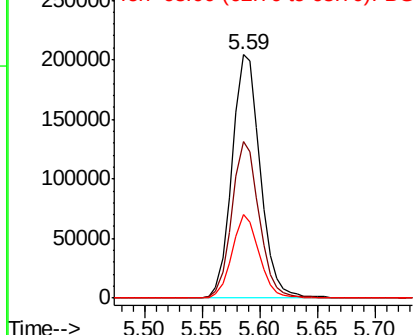
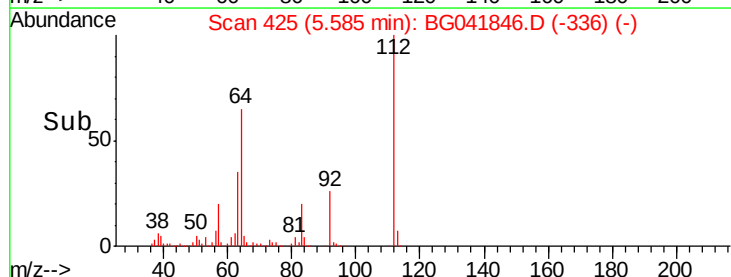
#5

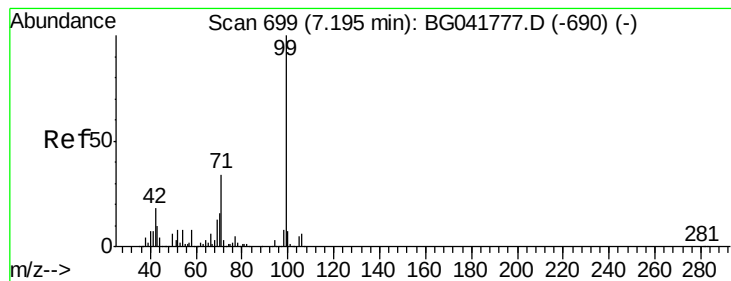
2-Fluorophenol
Concen: 150.348 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG041846.D
Acq: 31 Jul 2019 23:19

Tgt Ion:112 Resp: 345729
Ion Ratio Lower Upper
112 100
64 64.5 55.4 83.2
63 34.6 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: 147.640 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

Instrument :

BNA_G

ClientSampleId :

TP-6-A

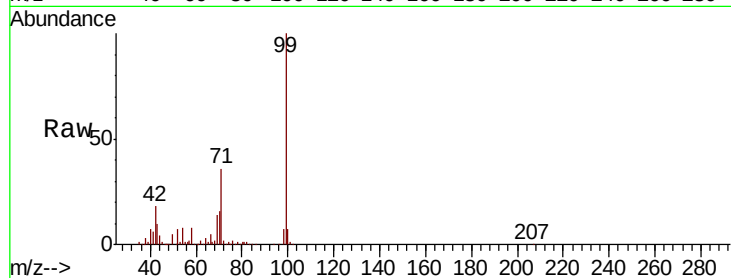
Tot Ion: 99 Resp: 457703

Ion Ratio Lower Upper

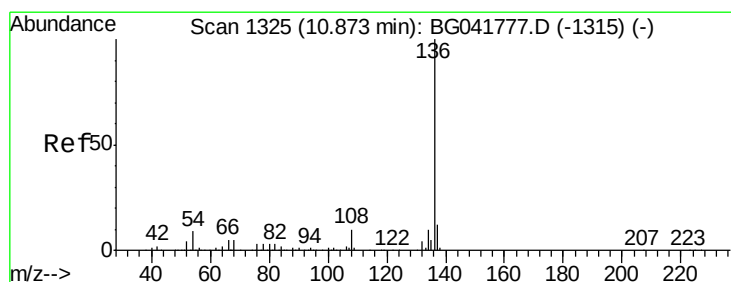
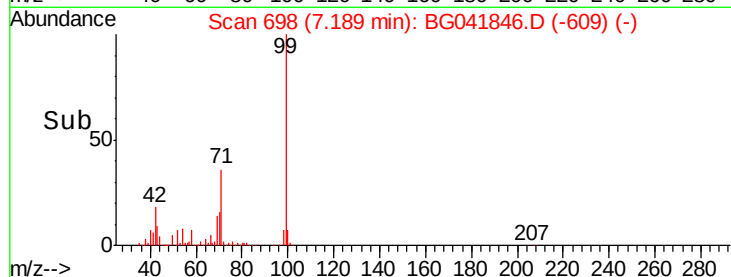
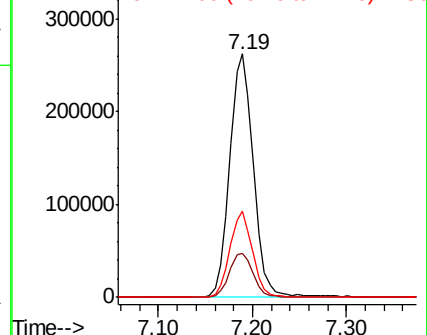
99 100

42 18.3 17.6 26.4

71 35.5 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. -0.01 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

Tgt Ion: 136 Resp: 200936

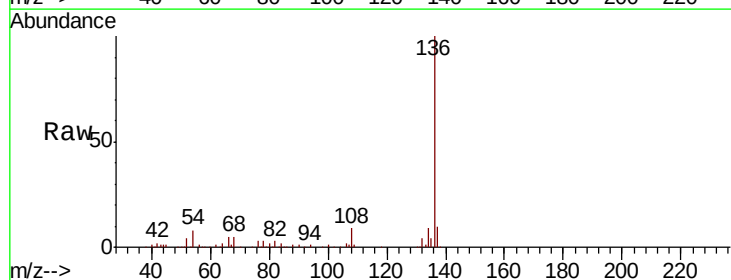
Ion Ratio Lower Upper

136 100

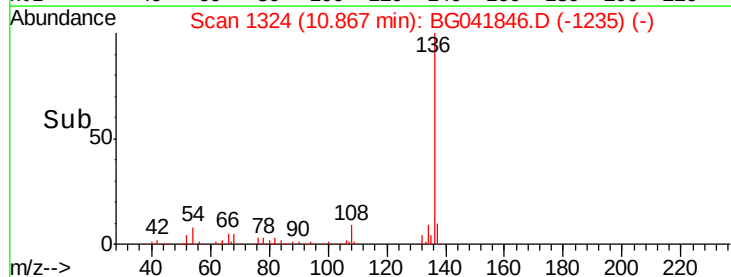
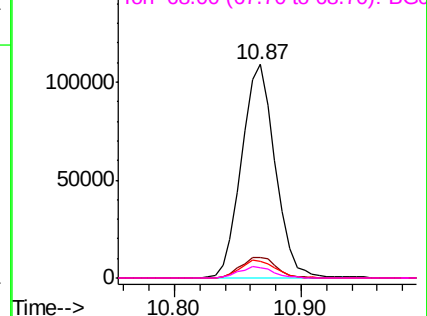
137 9.5 9.2 13.8

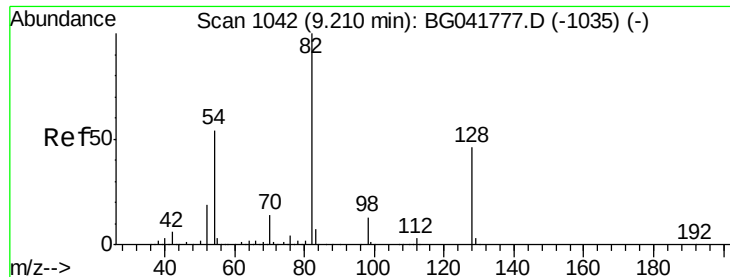
54 7.5 8.7 13.1#

68 4.6 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

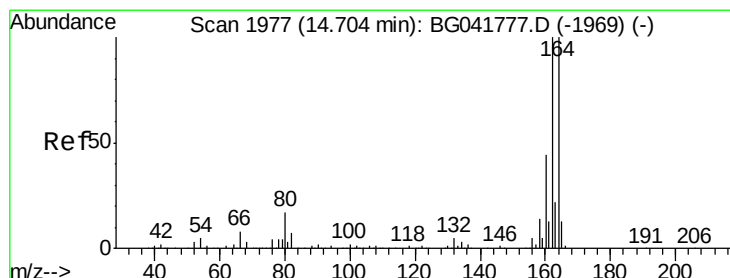
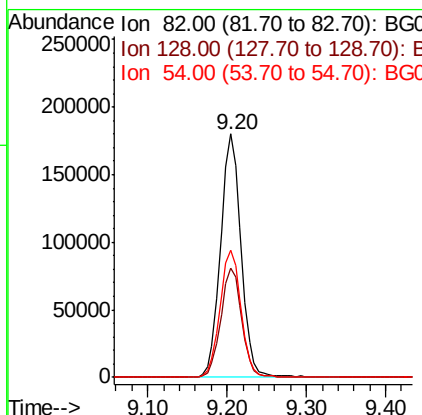
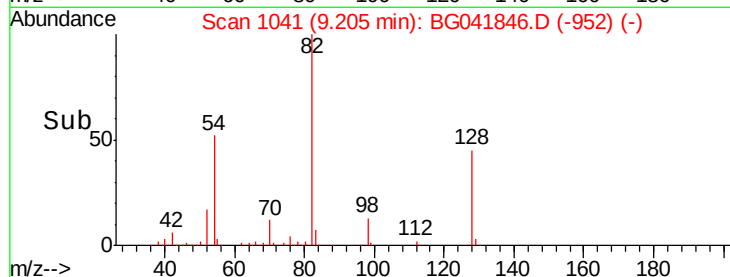
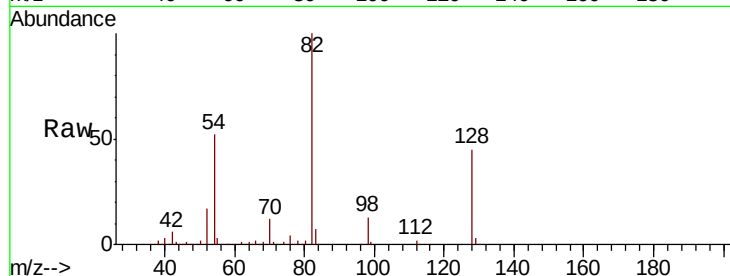




#23
Nitrobenzene-d5
Concen: 110.721 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041846.D
Acq: 31 Jul 2019 23:19

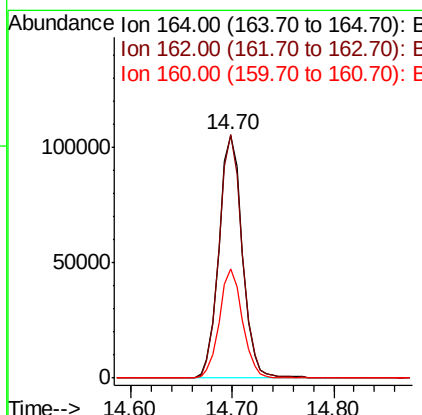
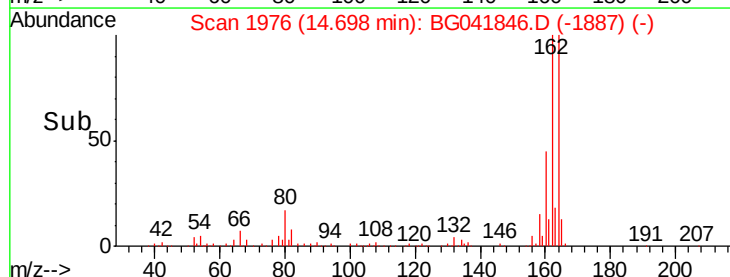
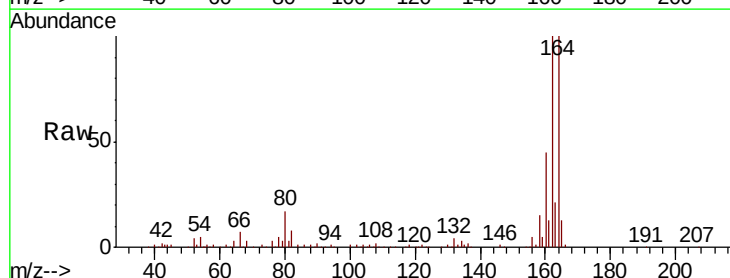
Instrument :
BNA_G
ClientSampled :
TP-6-A

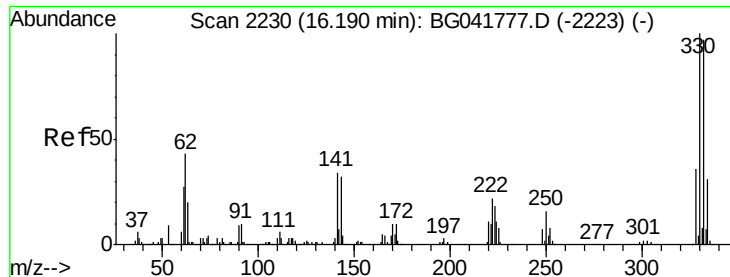
Tot Ion	82	Resp	323293
Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.1	52.7
54	52.3	48.7	73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041846.D
Acq: 31 Jul 2019 23:19

Tgt Ion	164	Resp	169157
Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.6	119.4
160	45.1	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 224.512 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

Instrument :

BNA_G

ClientSampleId :

TP-6-A

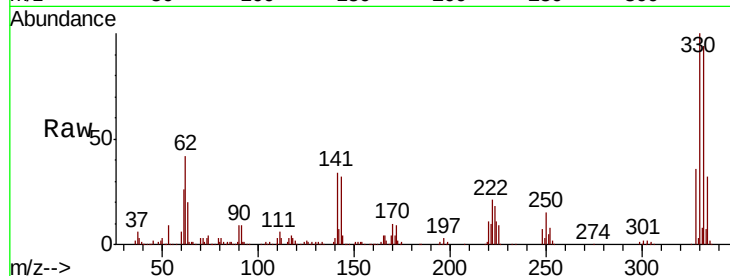
Tot Ion:330 Resp: 431375

Ion Ratio Lower Upper

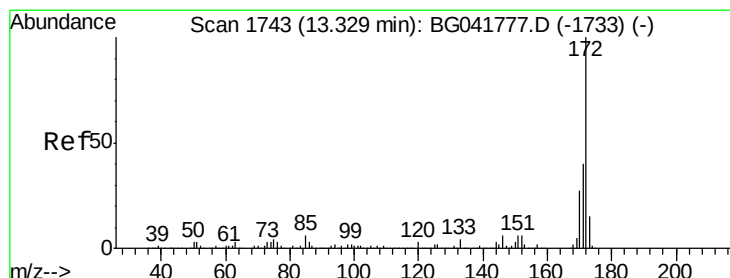
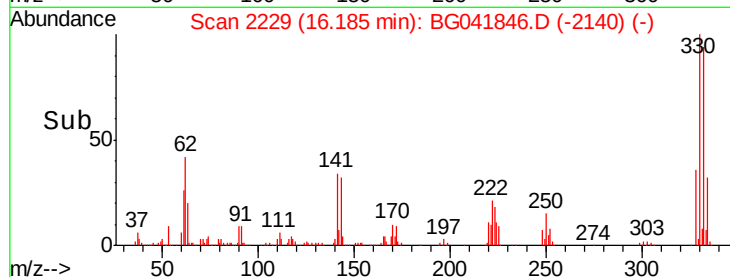
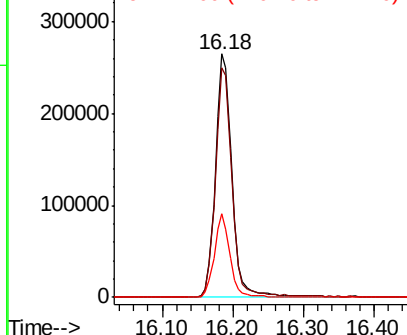
330 100

332 95.2 77.4 116.0

141 32.6 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: 100.518 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

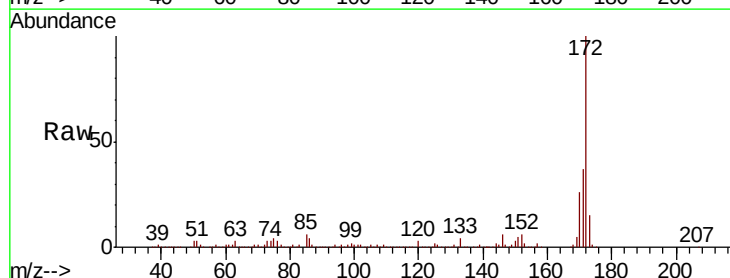
Tgt Ion:172 Resp: 964061

Ion Ratio Lower Upper

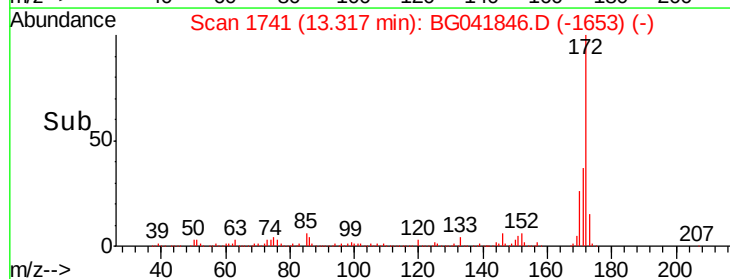
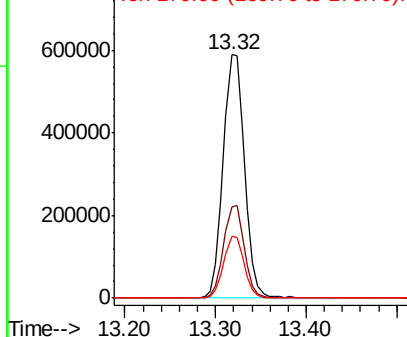
172 100

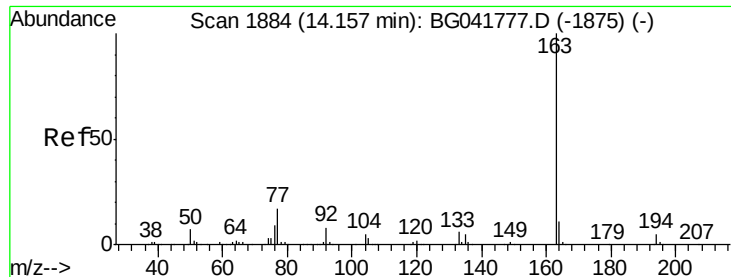
171 37.4 35.0 52.4

170 25.5 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: 7.126 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

Instrument :

BNA_G

ClientSampleId :

TP-6-A

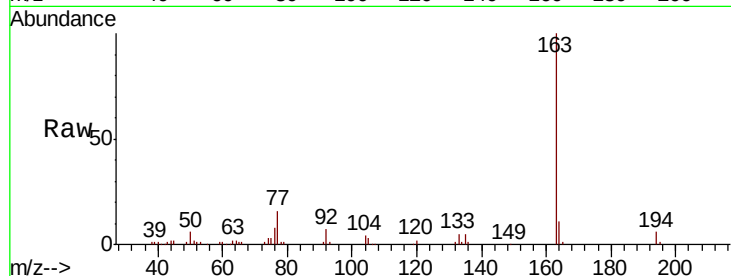
Tot Ion:163 Resp: 82320

Ion Ratio Lower Upper

163 100

194 5.7 4.2 6.2

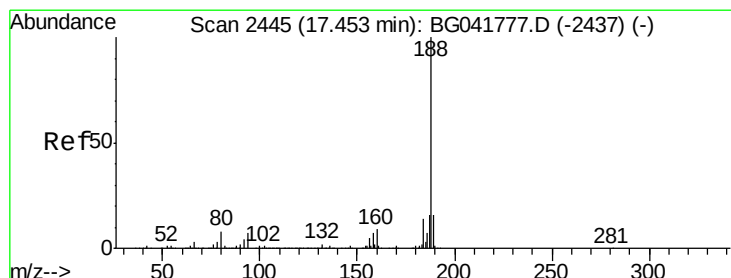
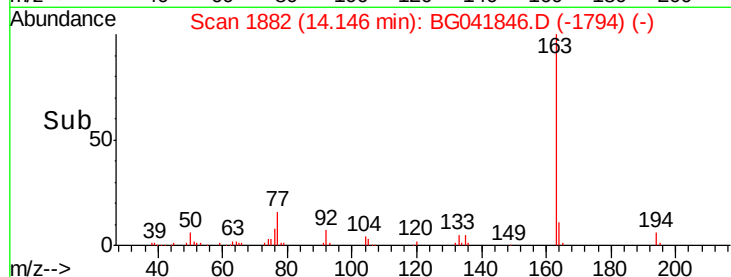
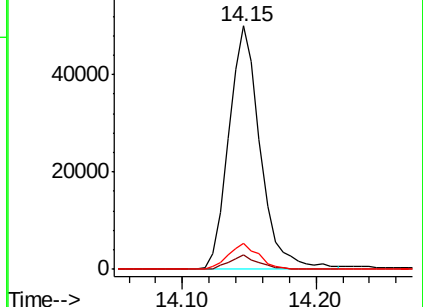
164 10.6 9.4 14.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

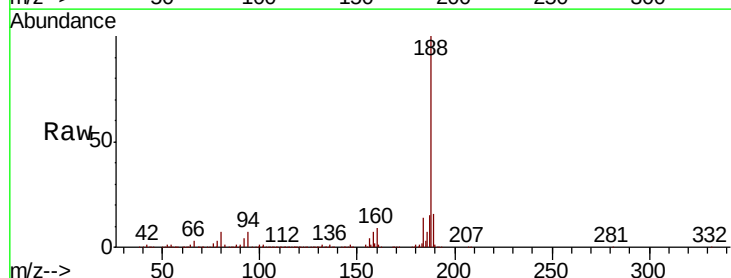
Tgt Ion:188 Resp: 566662

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

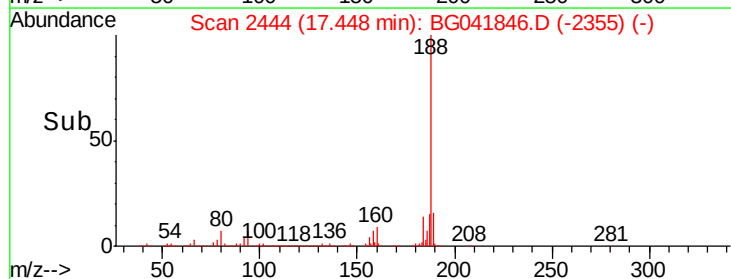
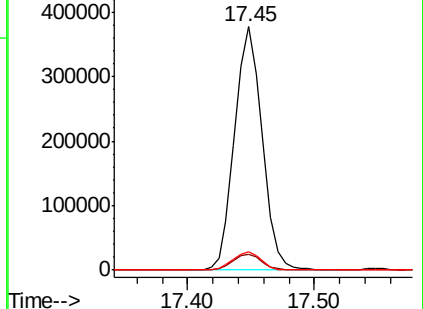
80 7.3 8.0 12.0#

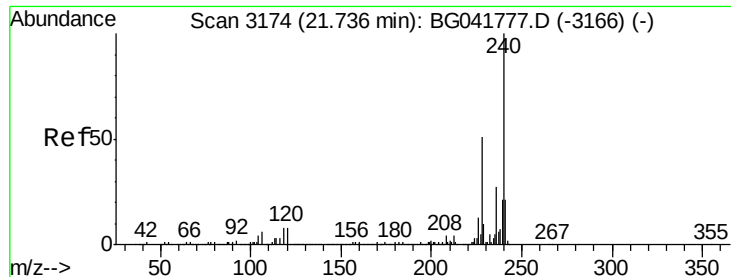


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

Instrument :

BNA_G

ClientSampleId :

TP-6-A

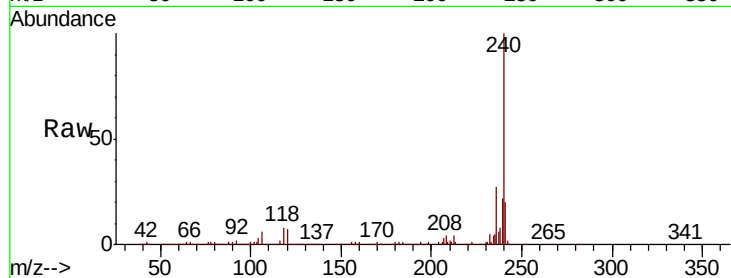
Tot Ion:240 Resp: 744866

Ion Ratio Lower Upper

240 100

120 7.2 8.0 12.0#

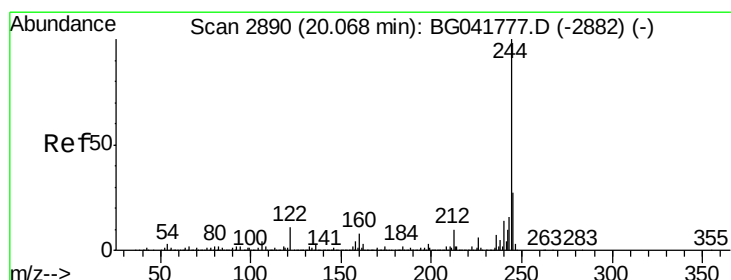
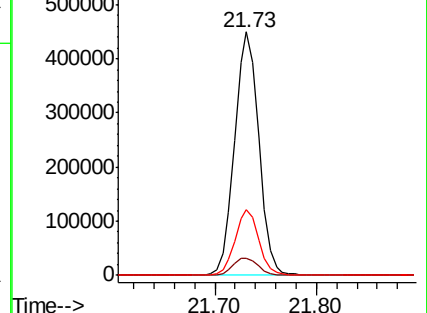
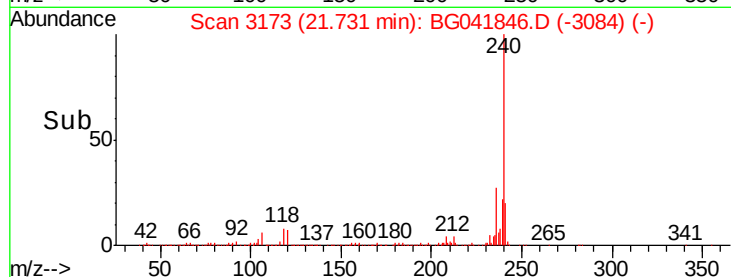
236 27.1 22.6 33.8



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: 89.374 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041846.D

Acq: 31 Jul 2019 23:19

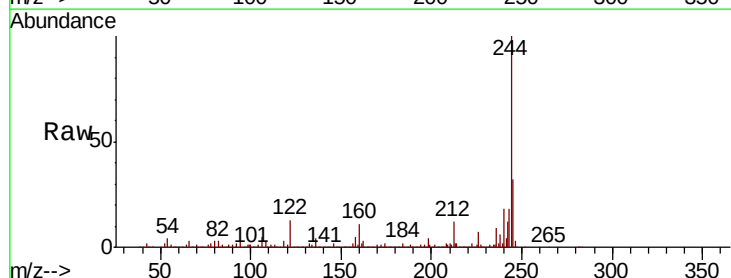
Tgt Ion:244 Resp: 2909256

Ion Ratio Lower Upper

244 100

212 12.0 9.7 14.5

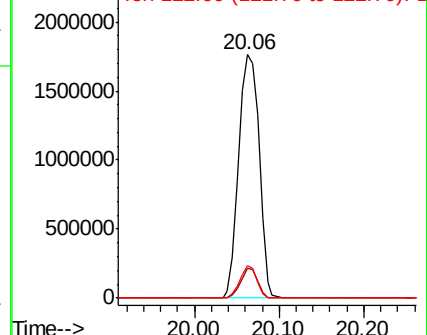
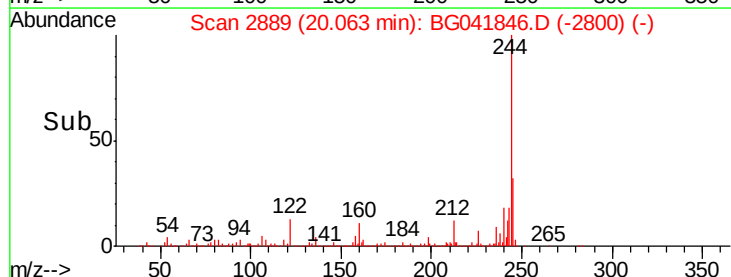
122 13.5 12.5 18.7

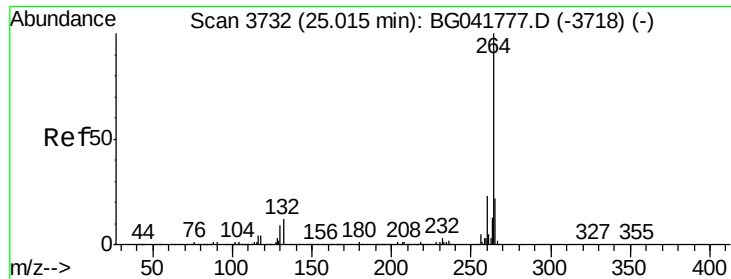


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG041846.D
Acq: 31 Jul 2019 23:19

Instrument :
BNA_G
ClientSampleId :
TP-6-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	22.3	18.0	27.0

