

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083019\
 Data File : BG042599.D
 Acq On : 30 Aug 2019 14:09
 Operator : HP/JU
 Sample : K4470-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S702-N-2.0-2.5-082119

Quant Time: Aug 30 16:35:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

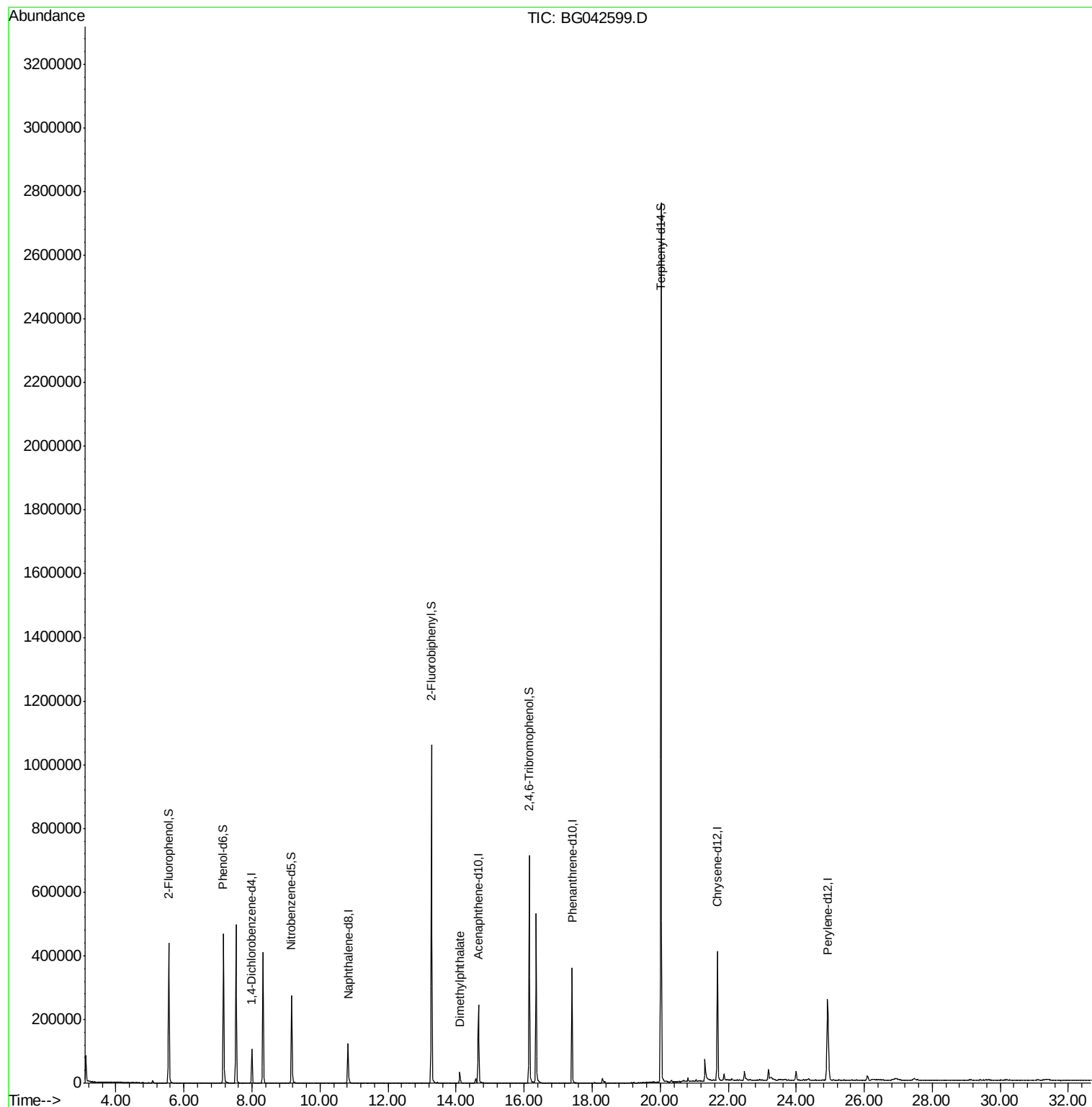
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	37229	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	139144	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	104971	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	252743	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	269687	20.00	ng	-0.01
87) Perylene-d12	24.92	264	319032	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	225064	122.44	ng	0.00
7) Phenol-d6	7.16	99	309276	124.56	ng	-0.01
23) Nitrobenzene-d5	9.16	82	180396	89.59	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	181304	121.52	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	629204	101.38	ng	0.00
79) Terphenyl-d14	20.02	244	1519669	121.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	38496	5.083	ng	Qvalue 97

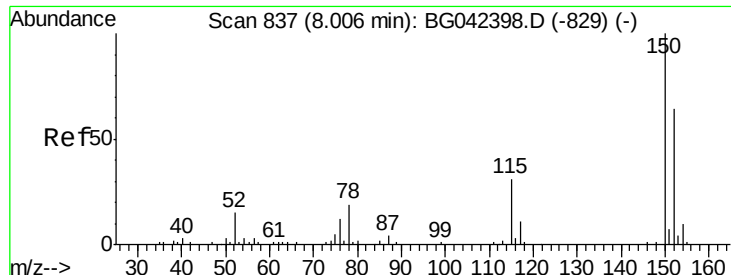
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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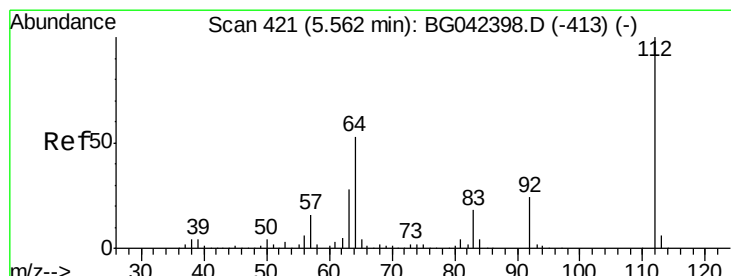
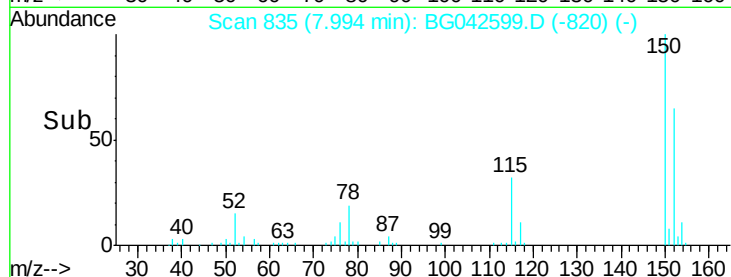
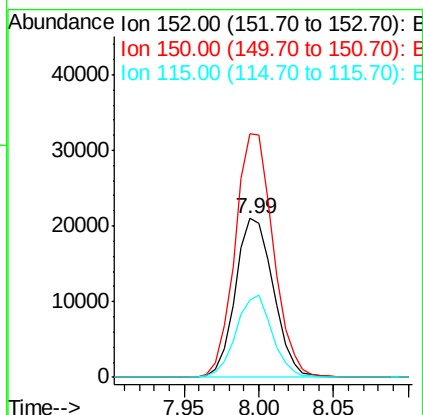
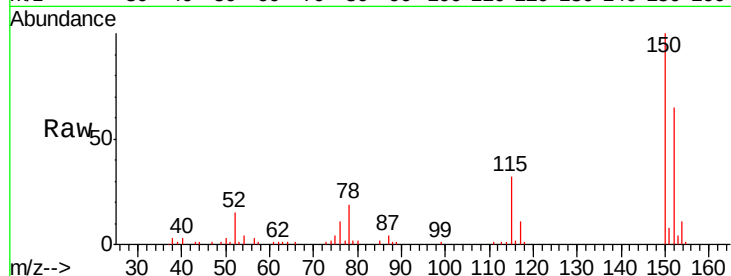


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042599.D
 Acq: 30 Aug 2019 14:09

Instrument :
 BNA_G
 ClientSampleId :
 S702-N-2.0-2.5-082119

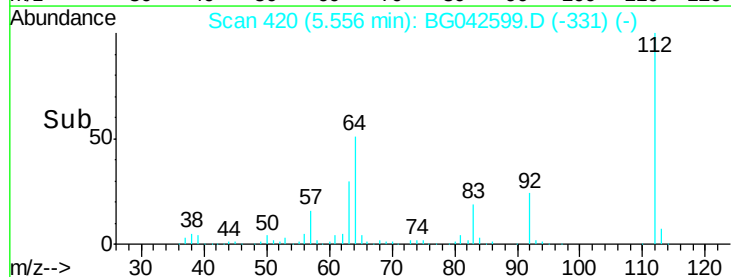
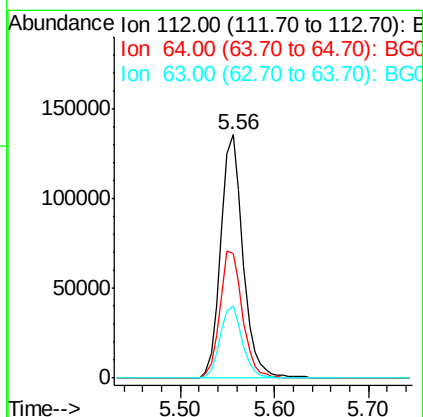
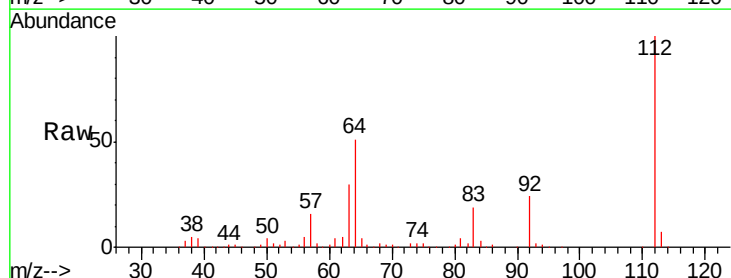
Tgt Ion:152 Resp: 37229
 Ion Ratio Lower Upper
 152 100
 150 153.1 125.4 188.0
 115 48.3 38.5 57.7

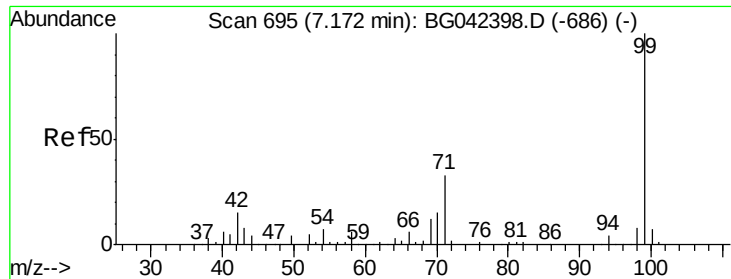


#5

2-Fluorophenol
 Concen: 122.437 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042599.D
 Acq: 30 Aug 2019 14:09

Tgt Ion:112 Resp: 225064
 Ion Ratio Lower Upper
 112 100
 64 51.3 42.8 64.2
 63 29.6 22.7 34.1





#7

Phenol-d6

Concen: 124.557 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042599.D

Acq: 30 Aug 2019 14:09

Instrument :

BNA_G

ClientSampleId :

S702-N-2.0-2.5-082119

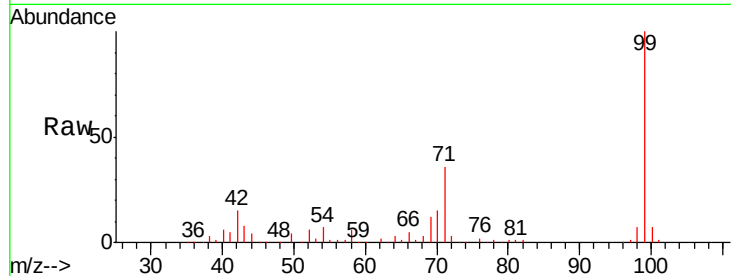
Tgt Ion: 99 Resp: 309276

Ion Ratio Lower Upper

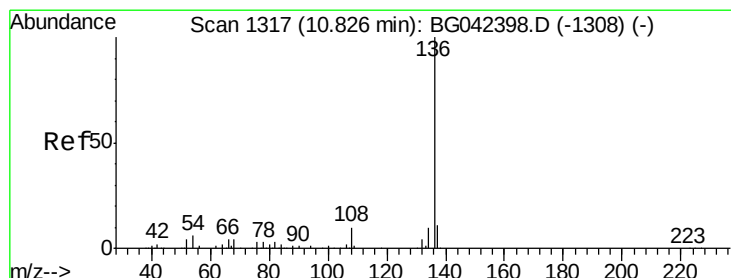
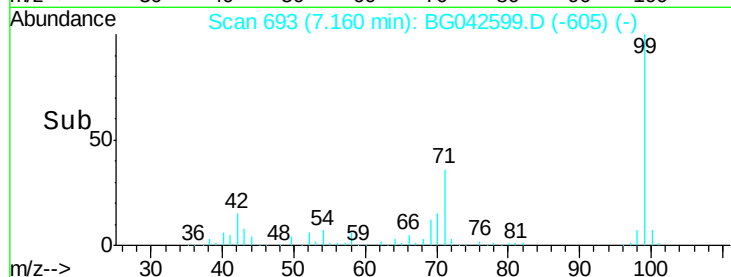
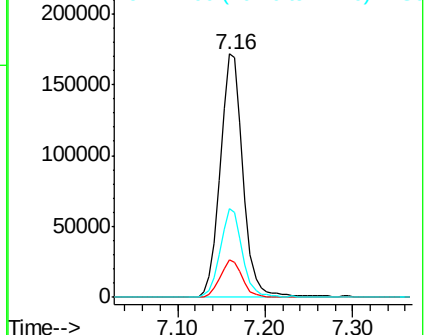
99 100

42 15.5 12.0 18.0

71 36.3 26.3 39.5



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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042599.D

Acq: 30 Aug 2019 14:09

Tgt Ion: 136 Resp: 139144

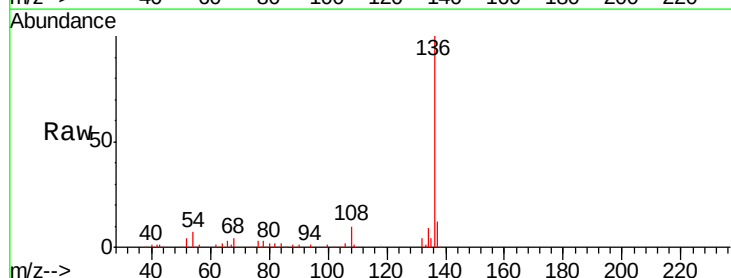
Ion Ratio Lower Upper

136 100

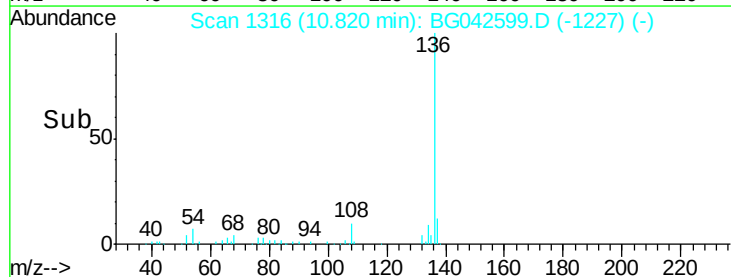
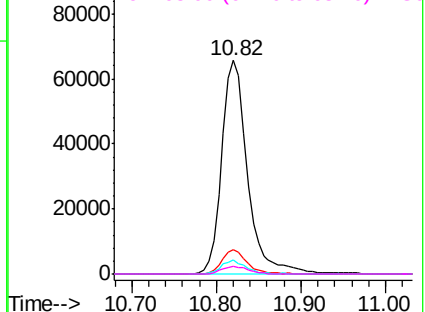
137 11.6 8.7 13.1

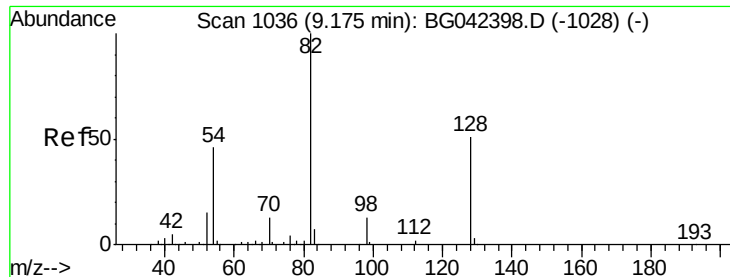
54 6.6 4.9 7.3

68 3.5 3.6 5.4#



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

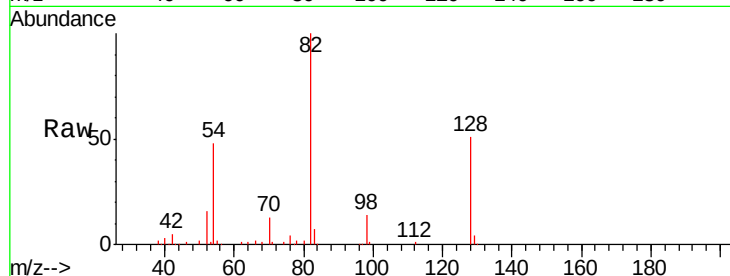




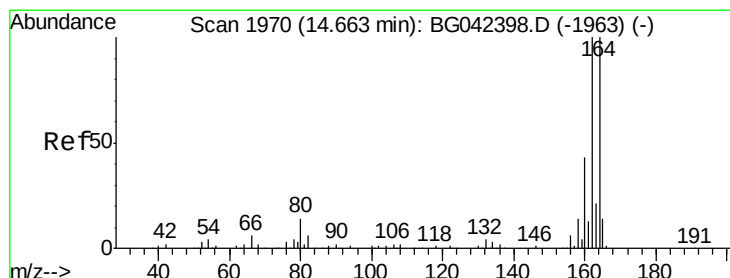
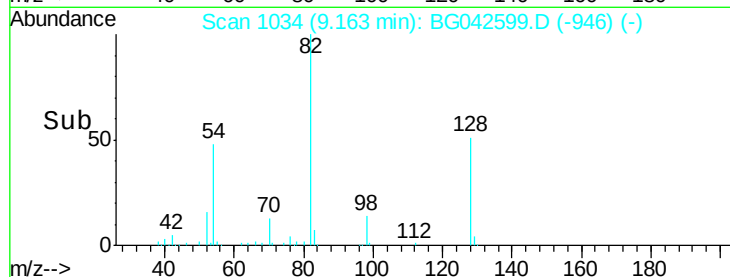
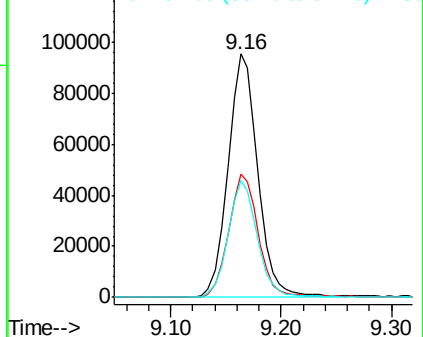
#23
Nitrobenzene-d5
Concen: 89.591 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042599.D
Acq: 30 Aug 2019 14:09

Instrument :
BNA_G
ClientSampleId :
S702-N-2.0-2.5-082119

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.7	61.1
54	47.9	36.3	54.5

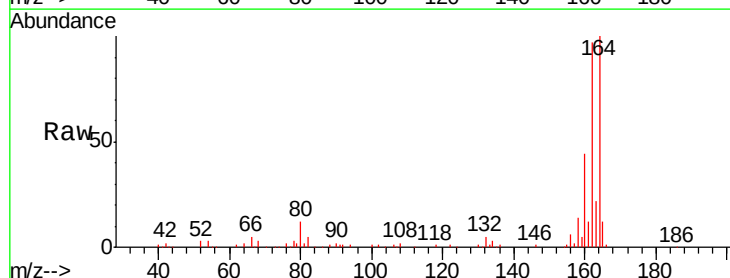


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

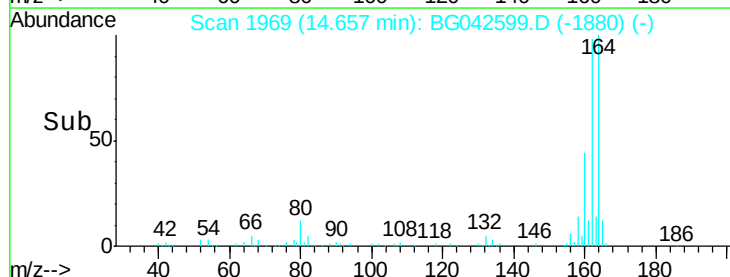
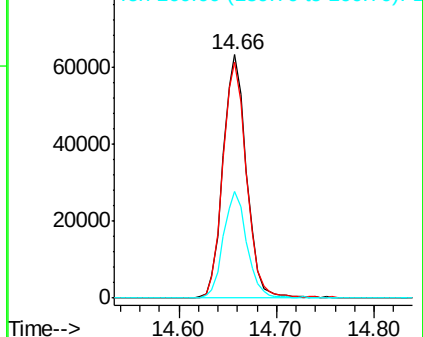


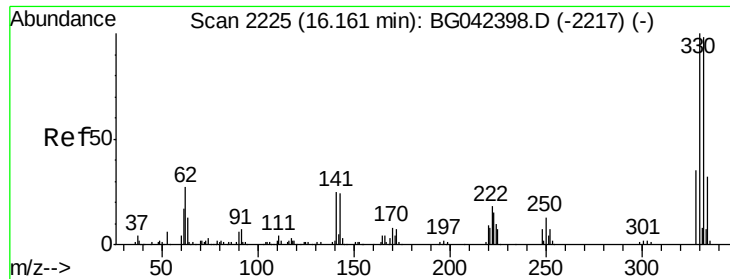
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042599.D
Acq: 30 Aug 2019 14:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	79.9	119.9
160	44.0	34.3	51.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 121.518 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042599.D

Acq: 30 Aug 2019 14:09

Instrument :

BNA_G

ClientSampleId :

S702-N-2.0-2.5-082119

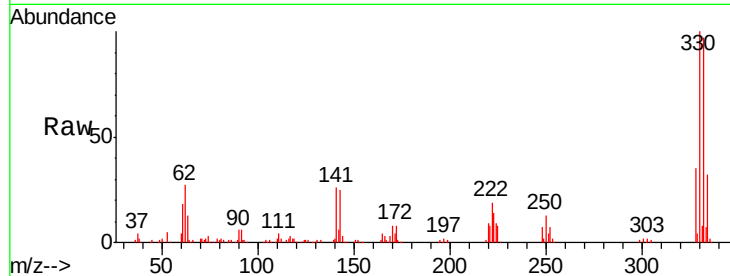
Tgt Ion:330 Resp: 181304

Ion Ratio Lower Upper

330 100

332 98.8 77.4 116.0

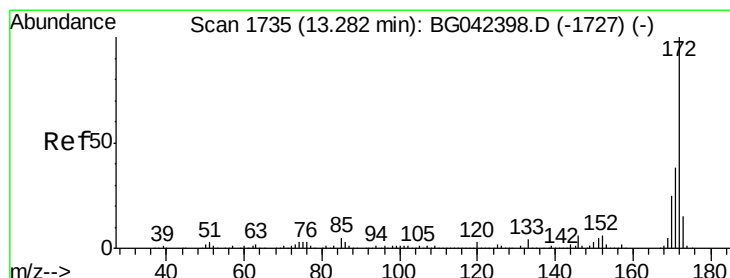
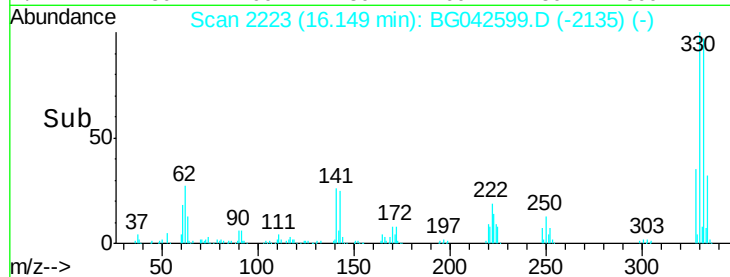
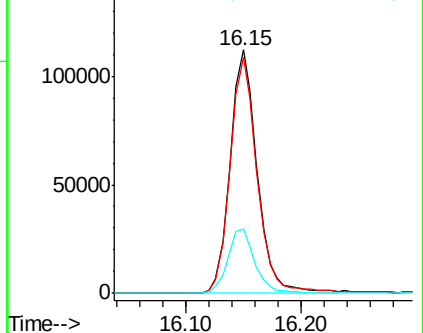
141 26.8 21.4 32.0



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: 101.377 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042599.D

Acq: 30 Aug 2019 14:09

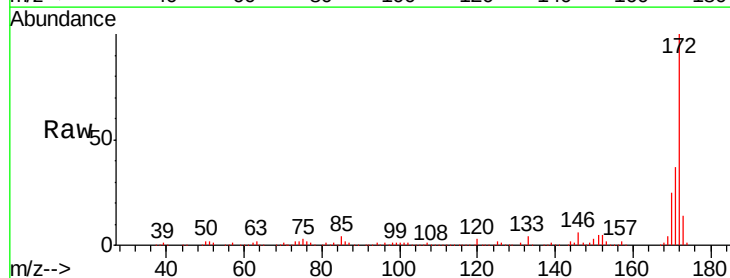
Tgt Ion:172 Resp: 629204

Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

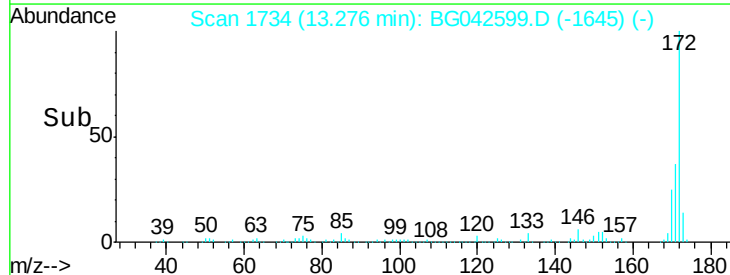
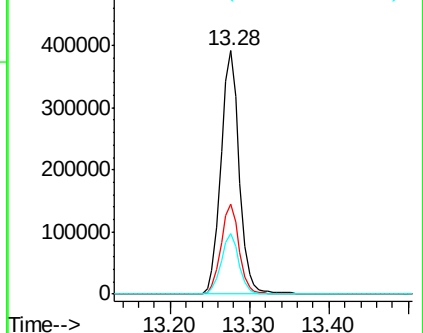
170 24.8 20.2 30.2

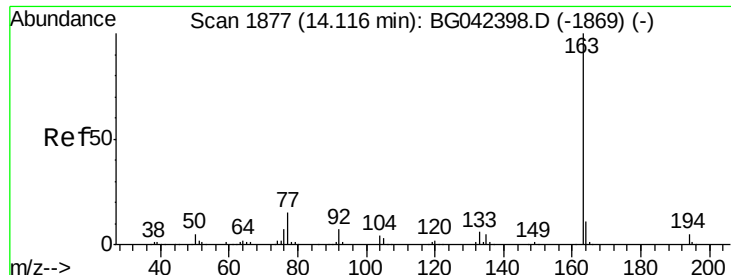


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.083 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042599.D

Acq: 30 Aug 2019 14:09

Instrument :

BNA_G

ClientSampleId :

S702-N-2.0-2.5-082119

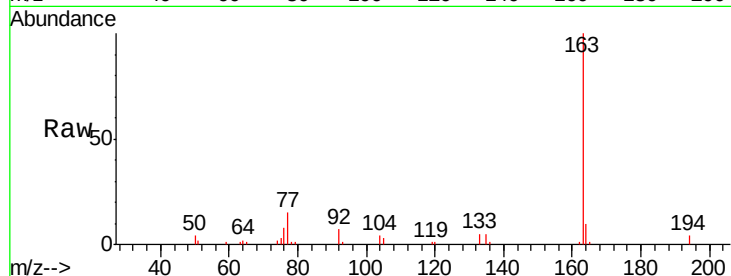
Tgt Ion:163 Resp: 38496

Ion Ratio Lower Upper

163 100

194 4.3 4.2 6.2

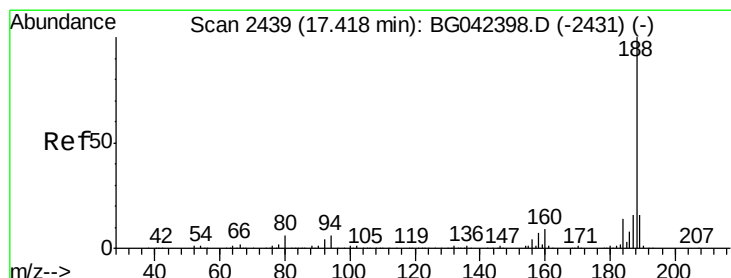
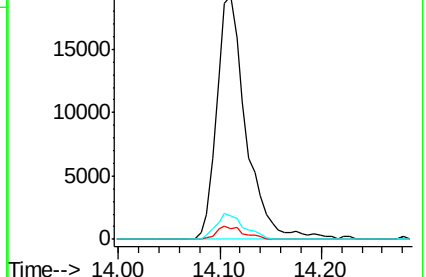
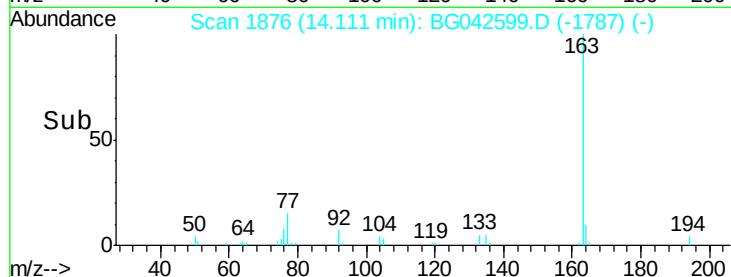
164 9.6 8.8 13.2



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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042599.D

Acq: 30 Aug 2019 14:09

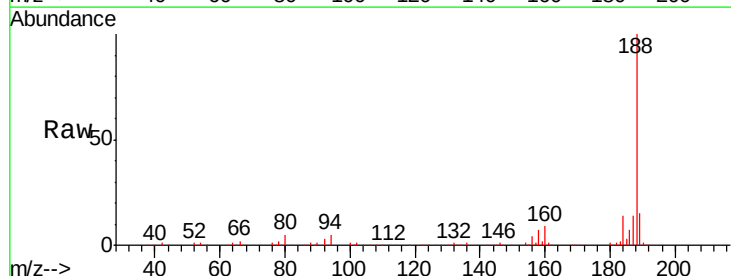
Tgt Ion:188 Resp: 252743

Ion Ratio Lower Upper

188 100

94 4.9 4.5 6.7

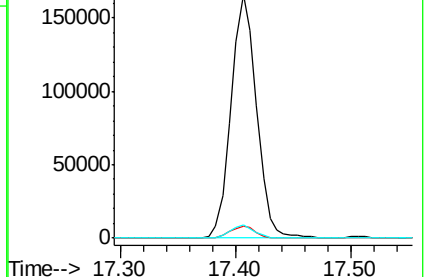
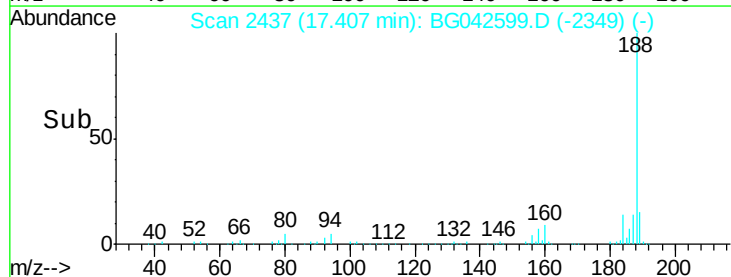
80 5.4 4.9 7.3

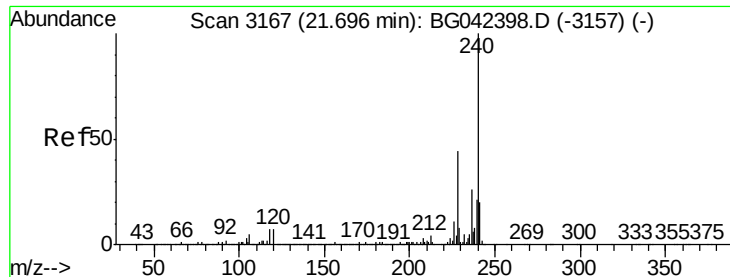


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

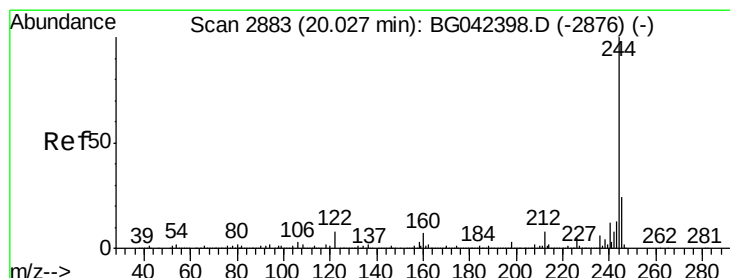
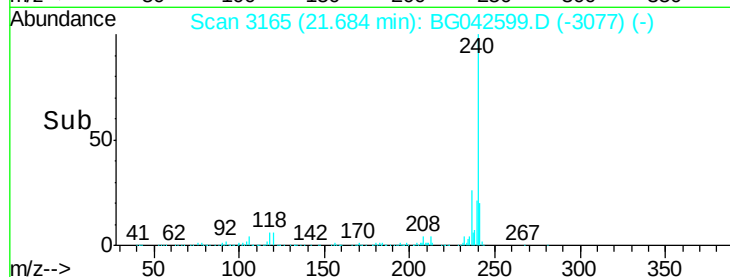
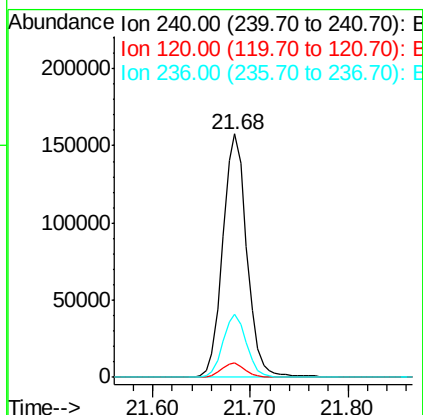
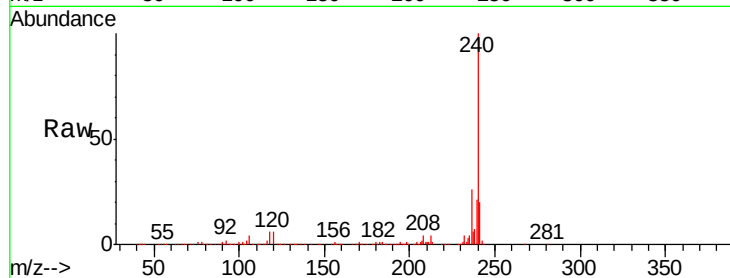




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042599.D
Acq: 30 Aug 2019 14:09

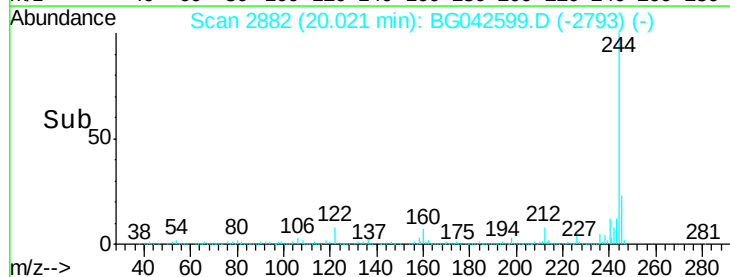
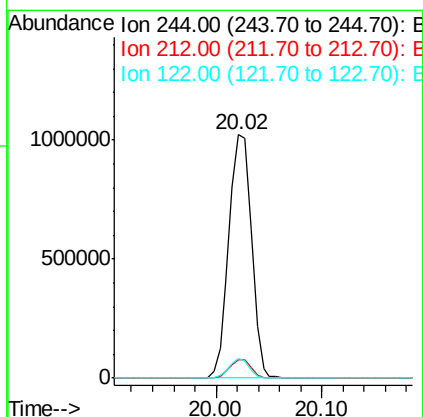
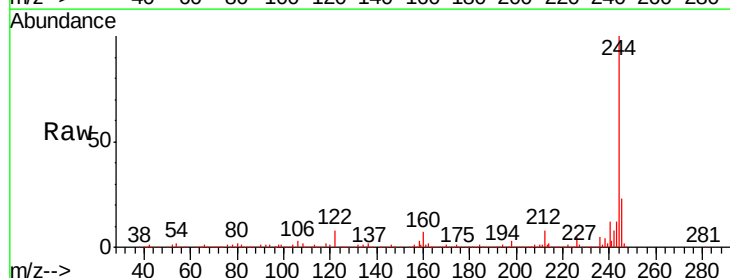
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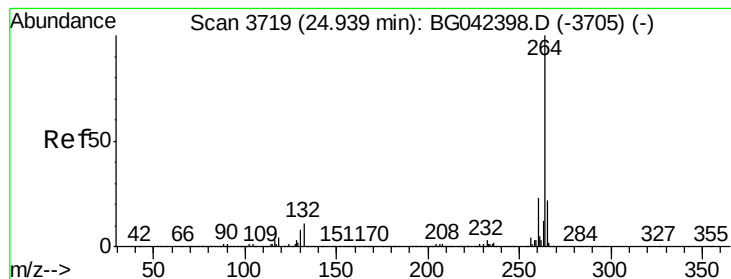
Tgt Ion:240 Resp: 269687
Ion Ratio Lower Upper
240 100
120 5.8 5.7 8.5
236 25.9 21.0 31.4



#79
Terphenyl-d14
Concen: 121.823 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042599.D
Acq: 30 Aug 2019 14:09

Tgt Ion:244 Resp: 1519669
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 7.9 6.7 10.1





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042599.D

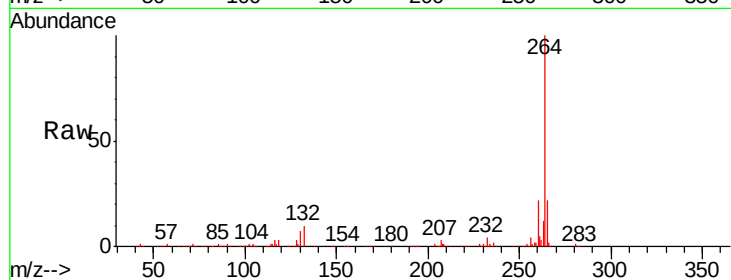
Acq: 30 Aug 2019 14:09

Instrument :

BNA_G

ClientSampleId :

S702-N-2.0-2.5-082119



Tgt Ion: 264 Resp: 319032

Ion Ratio Lower Upper

264 100

260 22.4 18.5 27.7

265 22.2 17.6 26.4

