

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042721.D
 Acq On : 5 Sep 2019 15:34
 Operator : HP/JU
 Sample : PB122813BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122813BL

Quant Time: Sep 05 18:57:36 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	48850	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	174900	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	131660	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	306800	20.00	ng	0.00
76) Chrysene-d12	21.68	240	366393	20.00	ng	-0.01
87) Perylene-d12	24.93	264	434091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	198517	82.30	ng	0.00
7) Phenol-d6	7.16	99	253888	77.93	ng	-0.01
23) Nitrobenzene-d5	9.16	82	144107	56.94	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	164444	87.88	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	486150	62.45	ng	0.00
79) Terphenyl-d14	20.02	244	1048651	61.88	ng	0.00

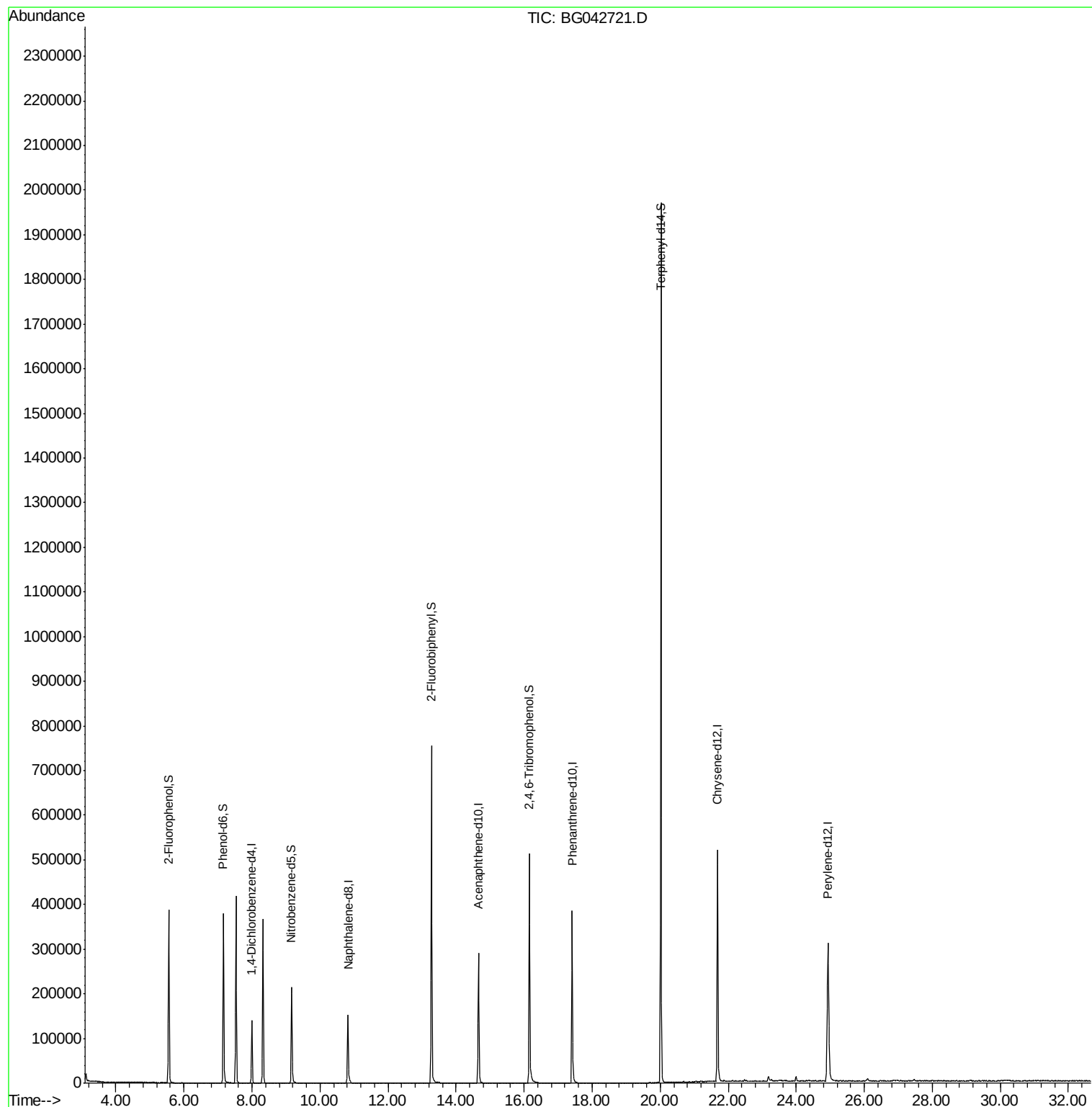
Target Compounds Qvalue

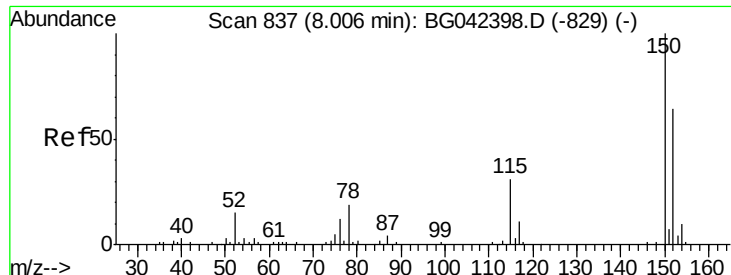
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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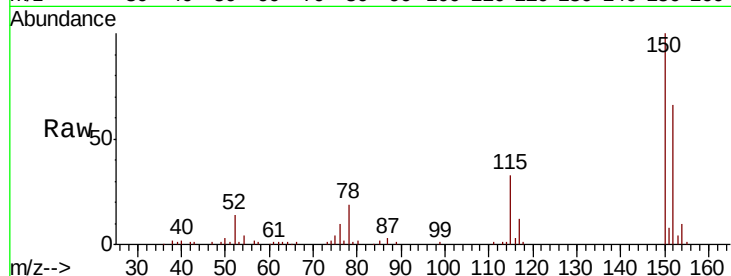


#1

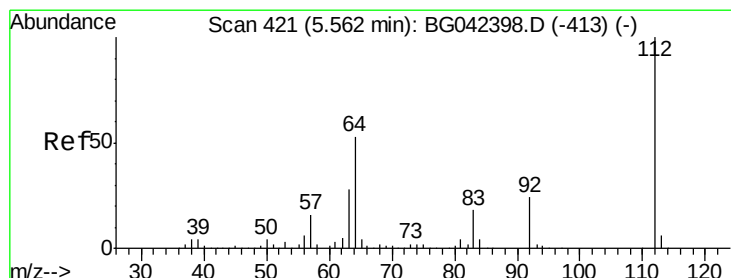
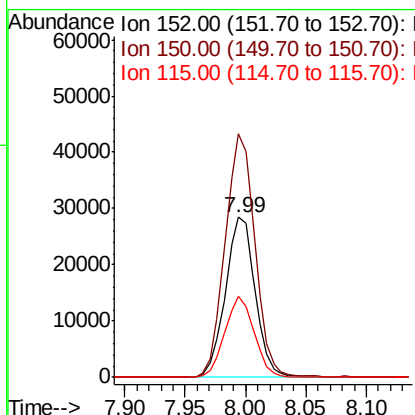
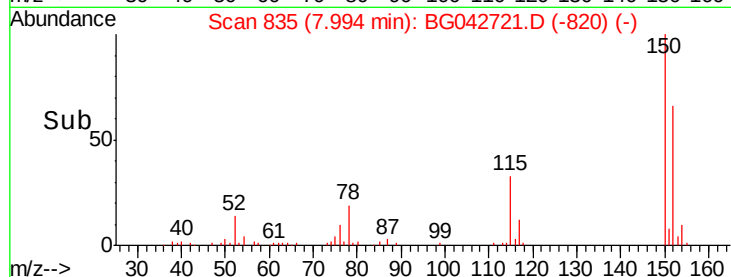
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042721.D
 Acq: 5 Sep 2019 15:34

Instrument :
 BNA_G
 ClientSampleId :
 PB122813BL

Tot Ion:152 Resp: 48850
 Ion Ratio Lower Upper
 152 100
 150 152.0 125.4 188.0
 115 50.6 38.5 57.7



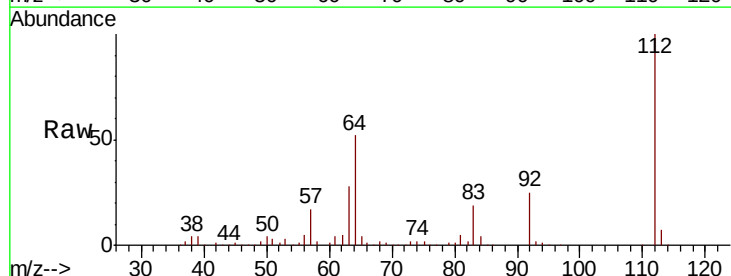
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



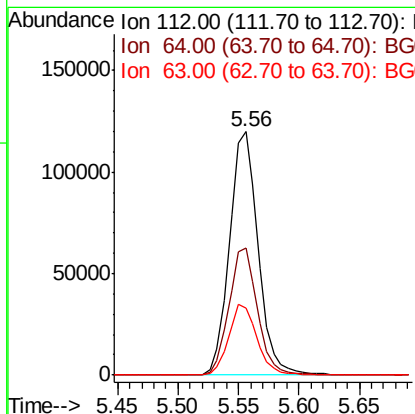
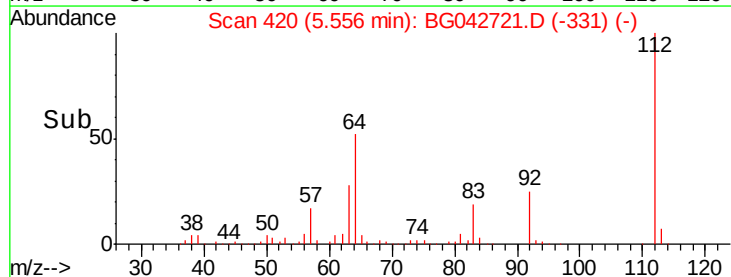
#5

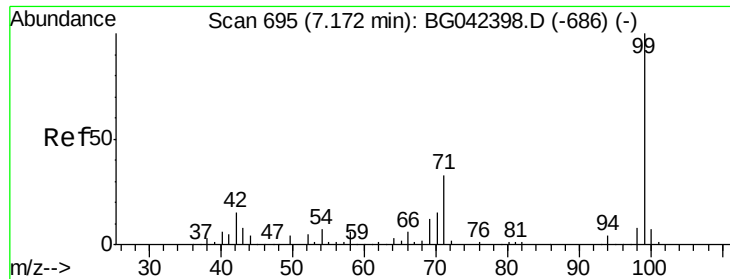
2-Fluorophenol
 Concen: 82.304 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042721.D
 Acq: 5 Sep 2019 15:34

Tgt Ion:112 Resp: 198517
 Ion Ratio Lower Upper
 112 100
 64 52.0 42.8 64.2
 63 27.8 22.7 34.1



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: 77.926 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042721.D

Acq: 5 Sep 2019 15:34

Instrument :

BNA_G

ClientSampleId :

PB122813BL

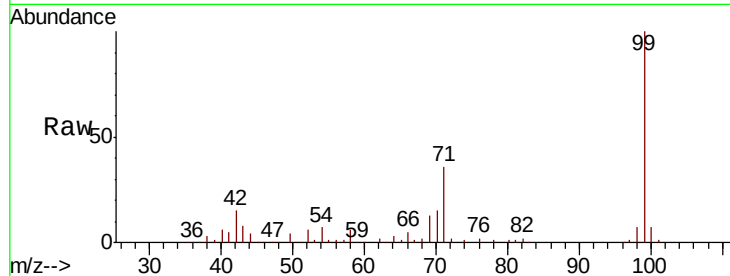
Tot Ion: 99 Resp: 253888

Ion Ratio Lower Upper

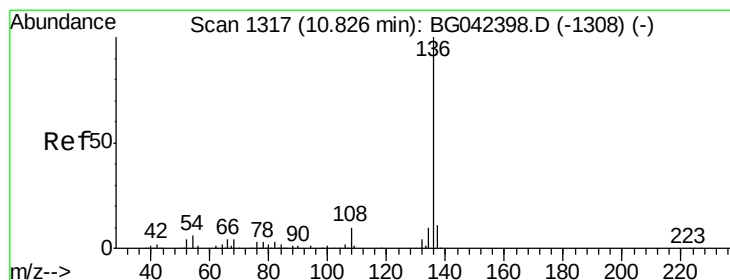
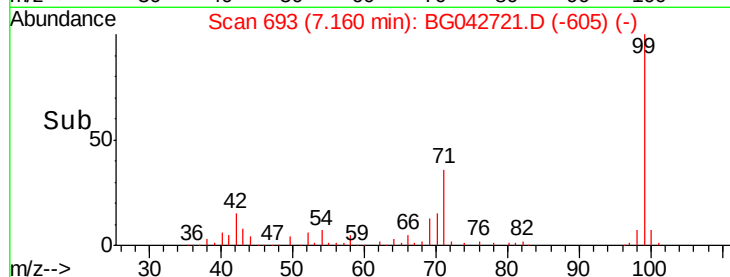
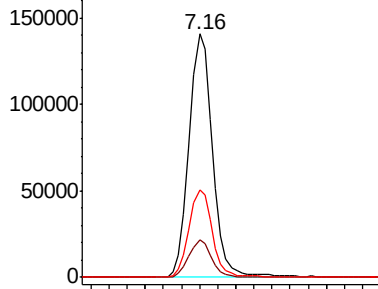
99 100

42 15.4 12.0 18.0

71 36.2 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: BG042721.D

Acq: 5 Sep 2019 15:34

Tgt Ion: 136 Resp: 174900

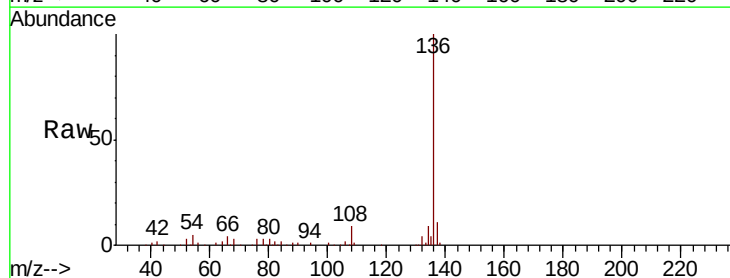
Ion Ratio Lower Upper

136 100

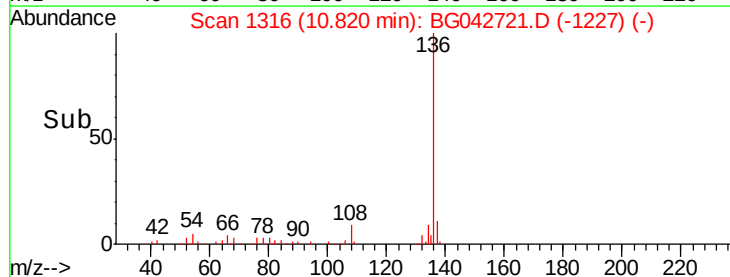
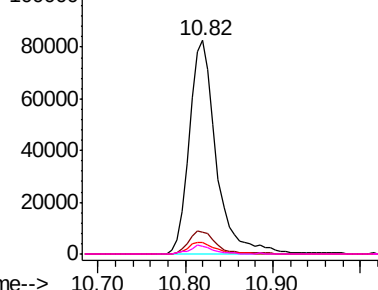
137 10.5 8.7 13.1

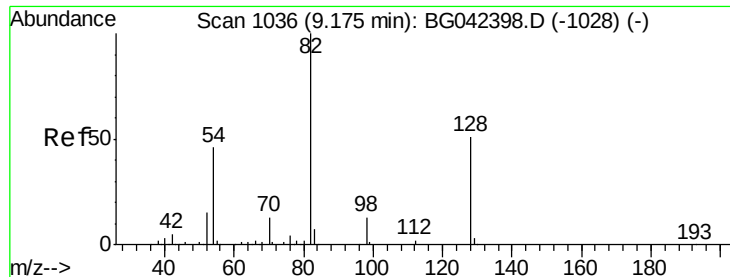
54 5.5 4.9 7.3

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

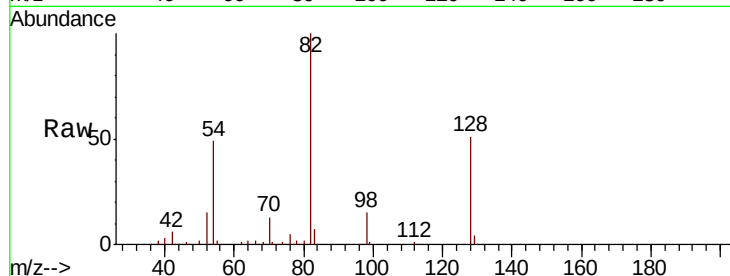




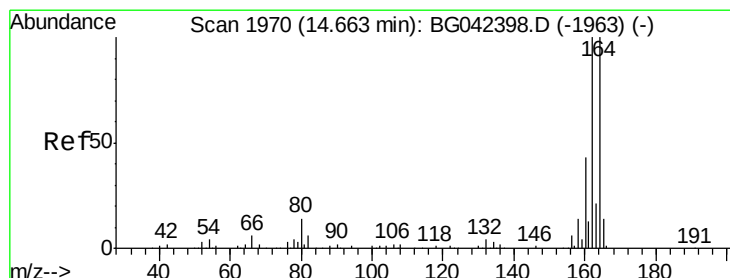
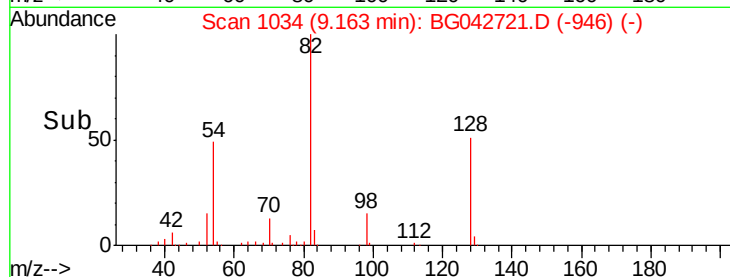
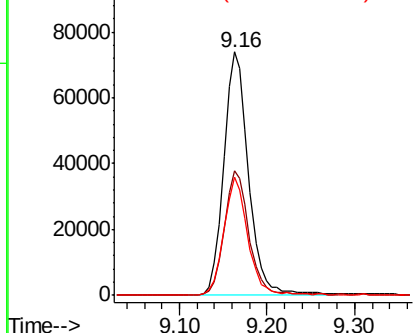
#23
Nitrobenzene-d5
Concen: 56.937 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042721.D
Acq: 5 Sep 2019 15:34

Instrument :
BNA_G
ClientSampleID :
PB122813BL

Tot Ion: 82 Resp: 144107
Ion Ratio Lower Upper
82 100
128 51.0 40.7 61.1
54 48.7 36.3 54.5

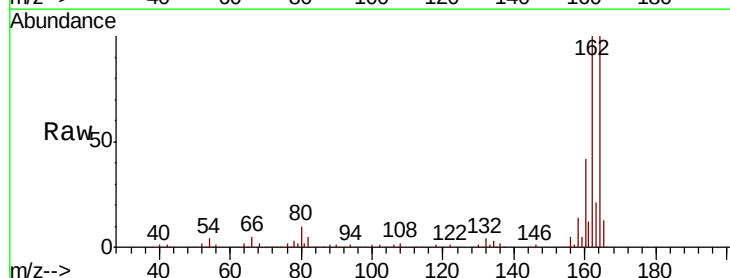


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

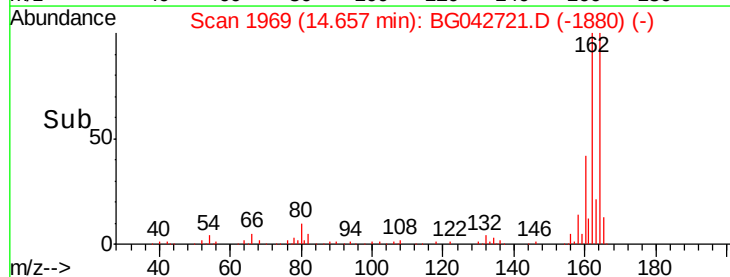
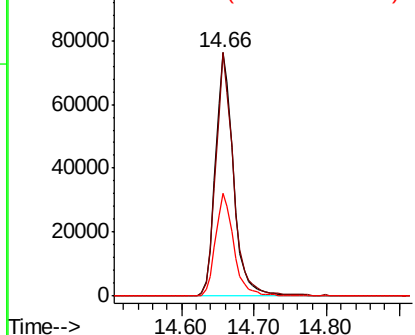


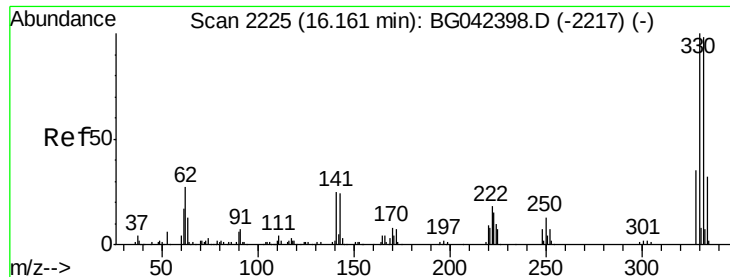
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042721.D
Acq: 5 Sep 2019 15:34

Tgt Ion: 164 Resp: 131660
Ion Ratio Lower Upper
164 100
162 100.0 79.9 119.9
160 42.1 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: 87.875 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042721.D

Acq: 5 Sep 2019 15:34

Instrument :

BNA_G

ClientSampleId :

PB122813BL

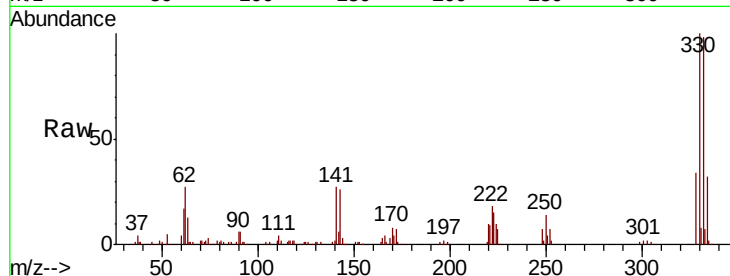
Tot Ion:330 Resp: 164444

Ion Ratio Lower Upper

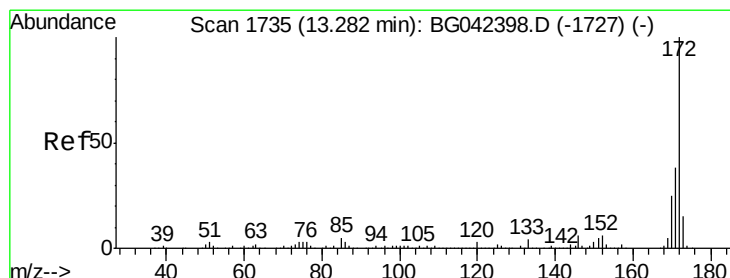
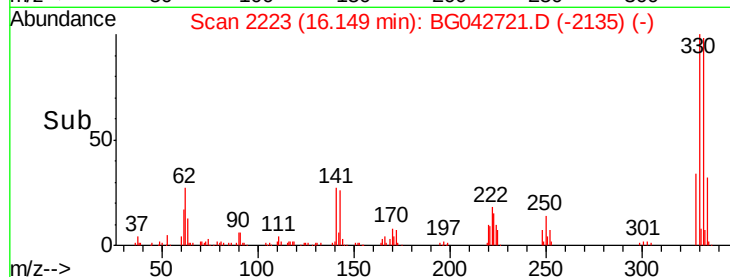
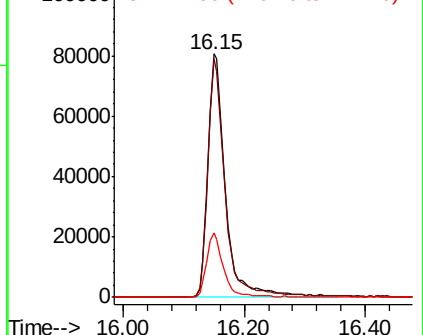
330 100

332 96.3 77.4 116.0

141 25.2 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: 62.450 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042721.D

Acq: 5 Sep 2019 15:34

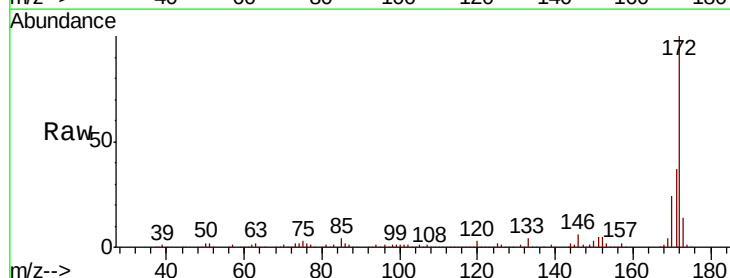
Tgt Ion:172 Resp: 486150

Ion Ratio Lower Upper

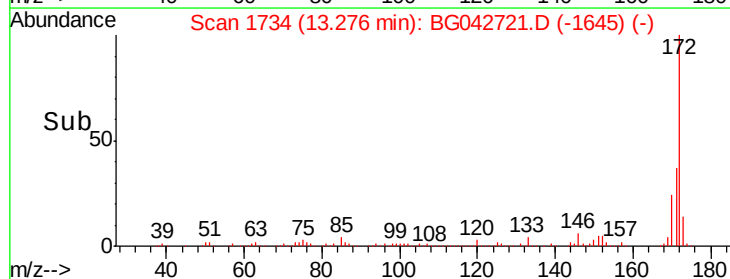
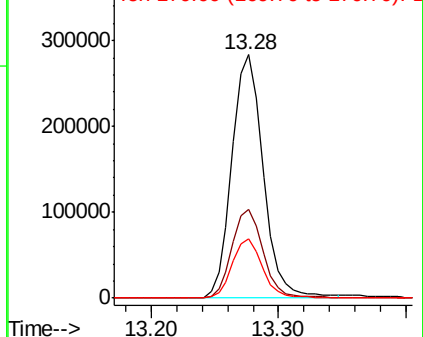
172 100

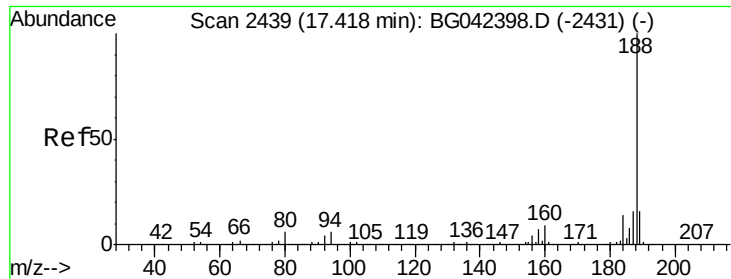
171 36.6 30.5 45.7

170 24.4 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

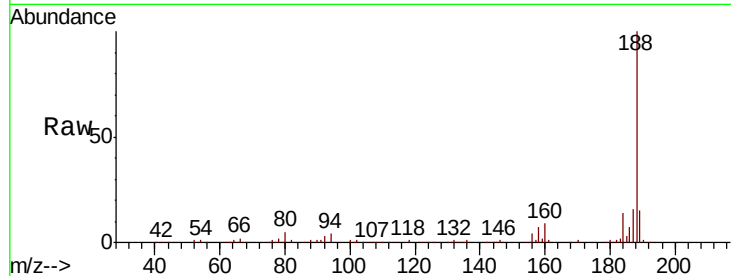




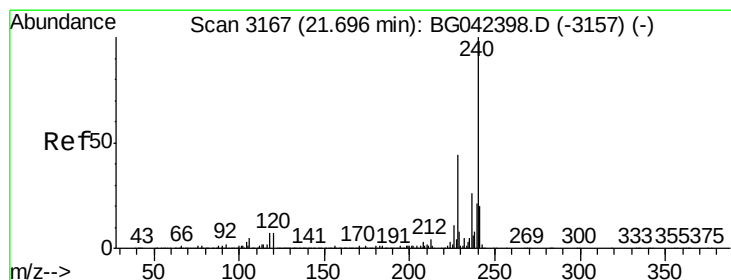
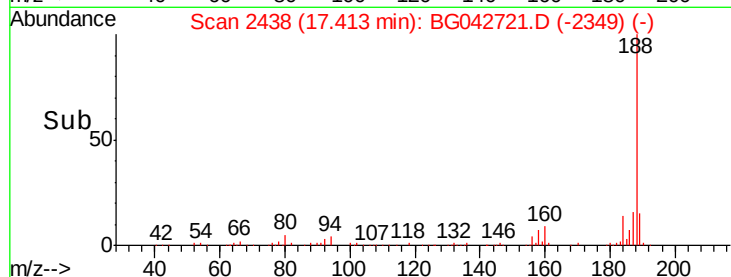
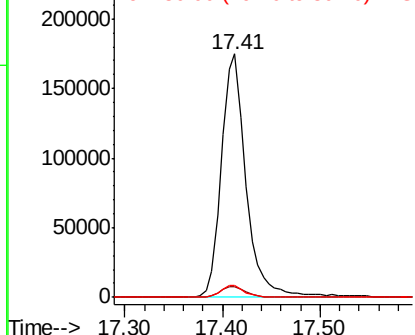
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042721.D
Acq: 5 Sep 2019 15:34

Instrument :
BNA_G
ClientSampleId :
PB122813BL

Tot Ion:188 Resp: 306800
Ion Ratio Lower Upper
188 100
94 4.3 4.5 6.7#
80 4.9 4.9 7.3

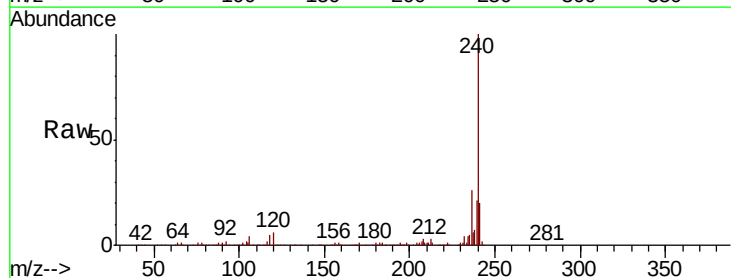


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

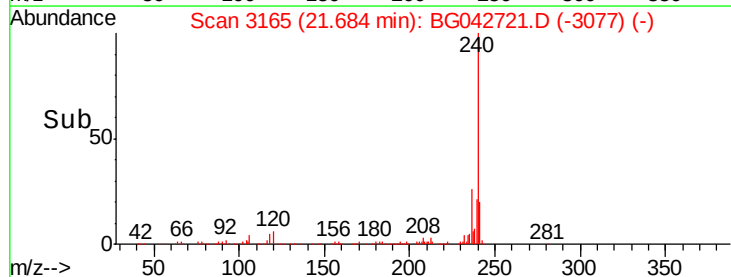
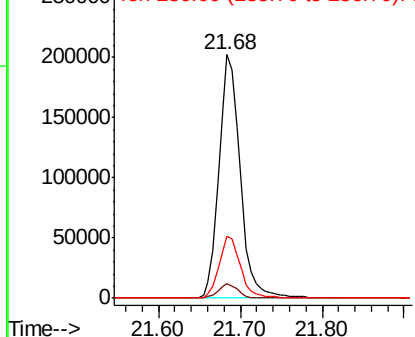


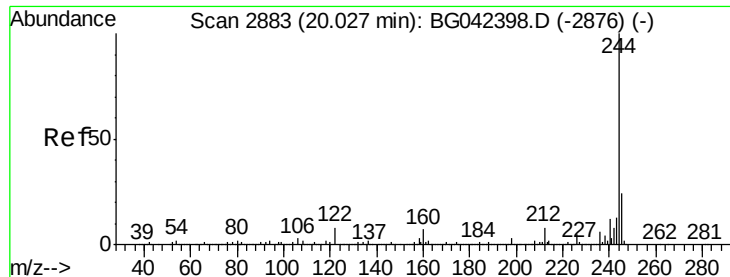
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042721.D
Acq: 5 Sep 2019 15:34

Tgt Ion:240 Resp: 366393
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5
236 25.6 21.0 31.4



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: 61.876 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042721.D

Acq: 5 Sep 2019 15:34

Instrument :

BNA_G

ClientSampleId :

PB122813BL

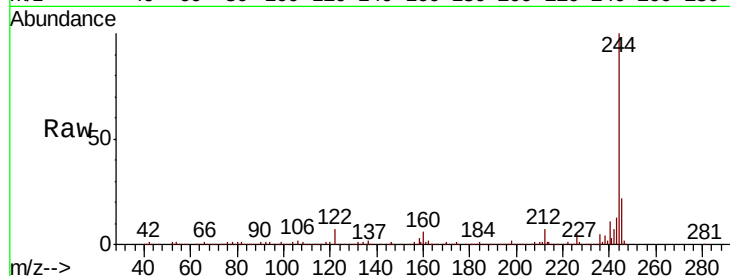
Tot Ion:244 Resp: 1048651

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

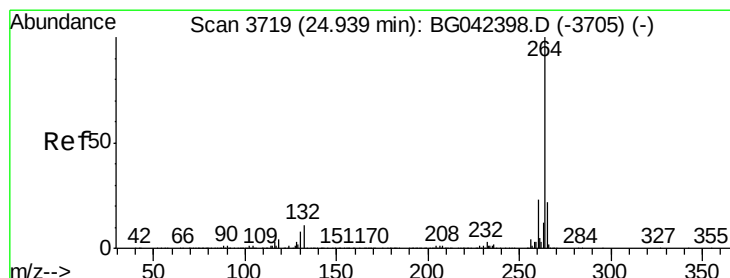
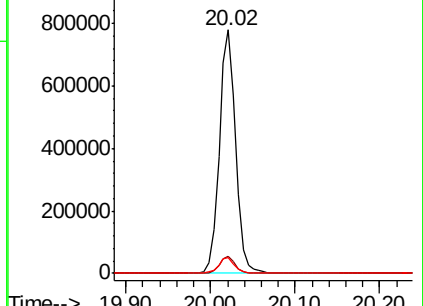
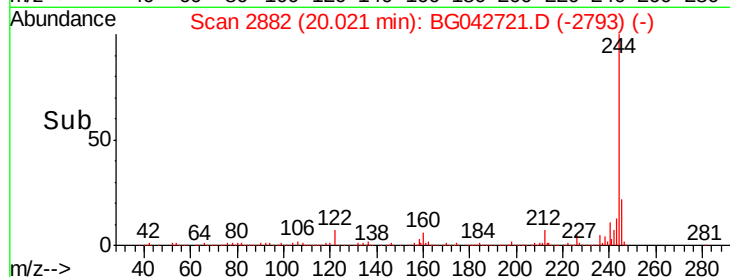
122 6.5 6.7 10.1#



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042721.D

Acq: 5 Sep 2019 15:34

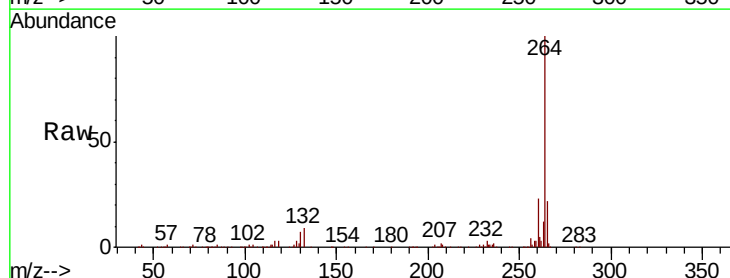
Tgt Ion:264 Resp: 434091

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.8 17.6 26.4



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

