

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
 Data File : BG042365.D
 Acq On : 20 Aug 2019 19:57
 Operator : HP/JU
 Sample : PB122401TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122401TB

Quant Time: Aug 21 05:06:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	66492	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	246600	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	176991	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	416598	20.00	ng	0.00
76) Chrysene-d12	21.69	240	443040	20.00	ng	0.00
87) Perylene-d12	24.93	264	504123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	416896	127.03	ng	0.00
7) Phenol-d6	7.17	99	550304	123.47	ng	0.00
23) Nitrobenzene-d5	9.17	82	310261	88.49	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	302816	125.62	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	962929	92.06	ng	0.00
79) Terphenyl-d14	20.03	244	1764259	87.22	ng	0.00

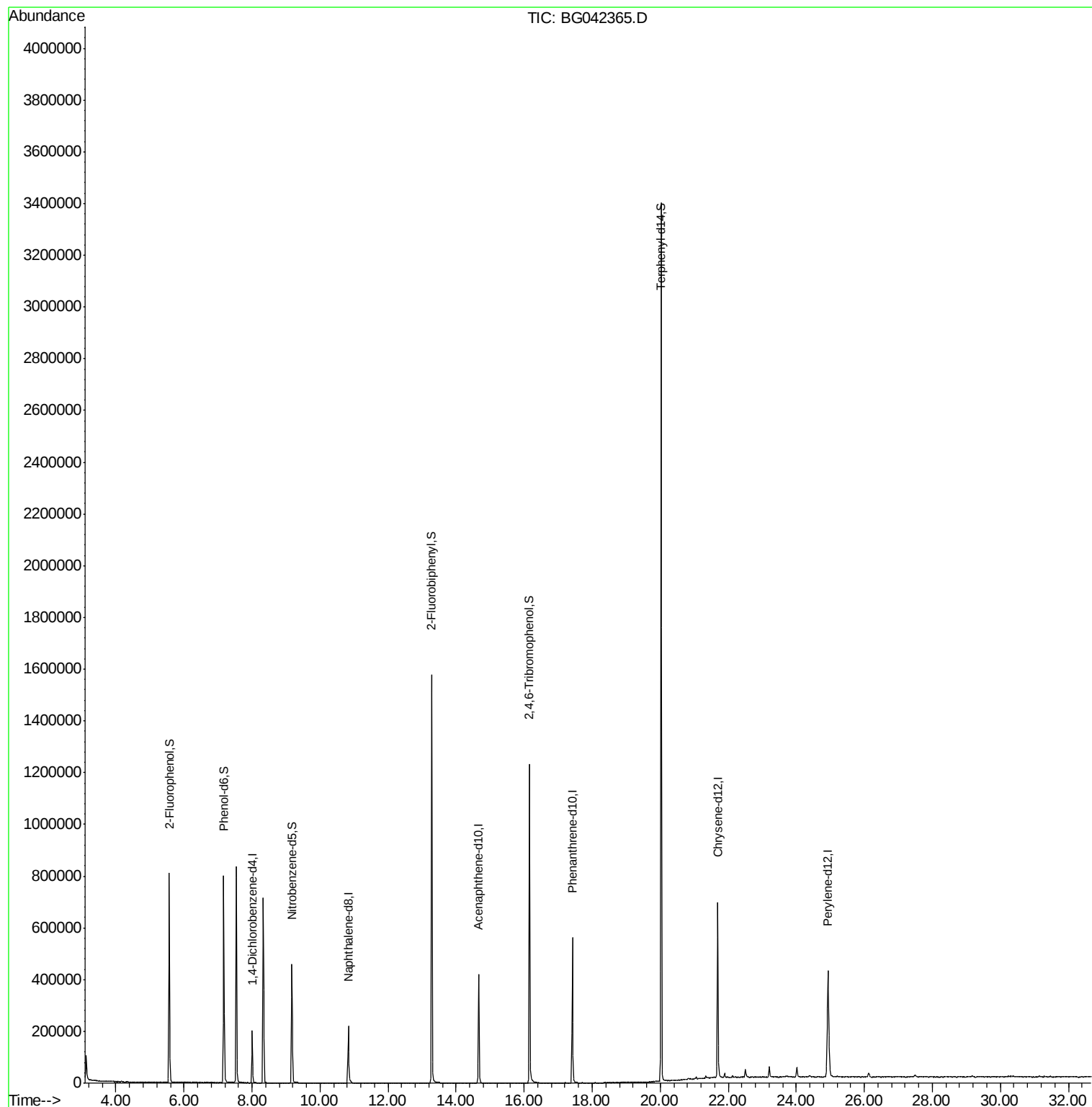
Target Compounds Qvalue

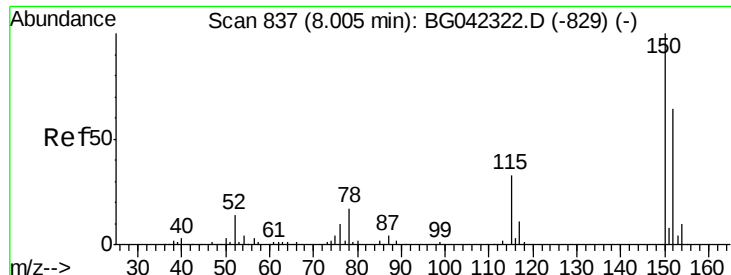
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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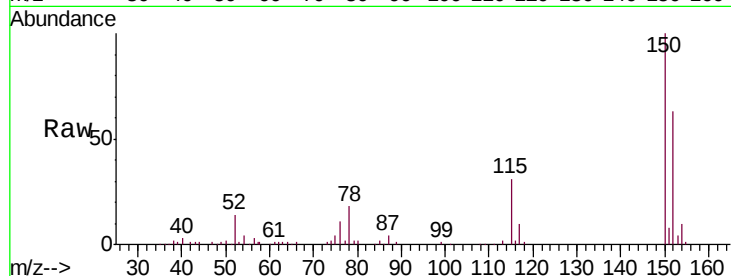


#1

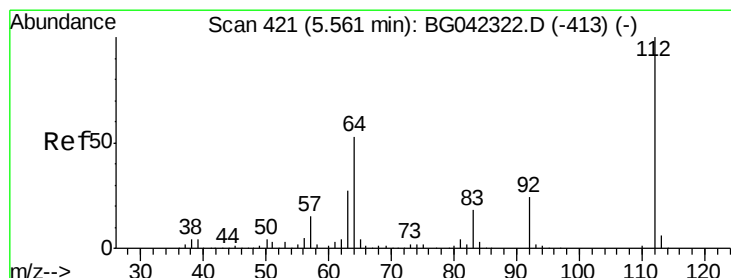
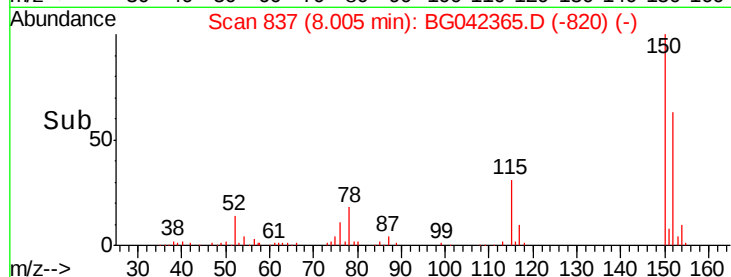
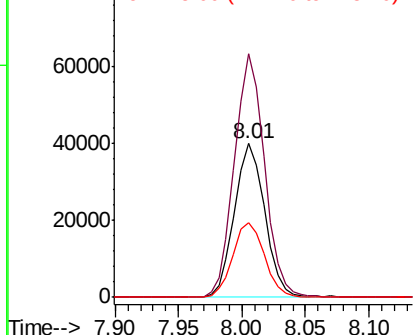
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042365.D
Acq: 20 Aug 2019 19:57

Instrument :
BNA_G
ClientSampleId :
PB122401TB

Tot Ion:152 Resp: 66492
Ion Ratio Lower Upper
152 100
150 158.2 124.3 186.5
115 48.3 40.5 60.7



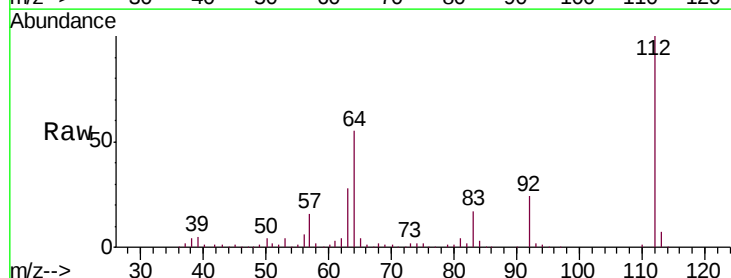
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



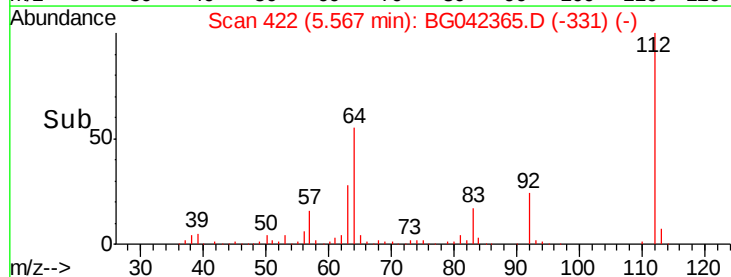
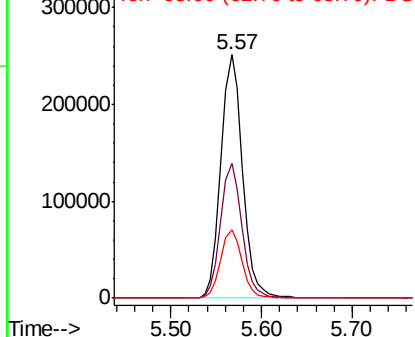
#5

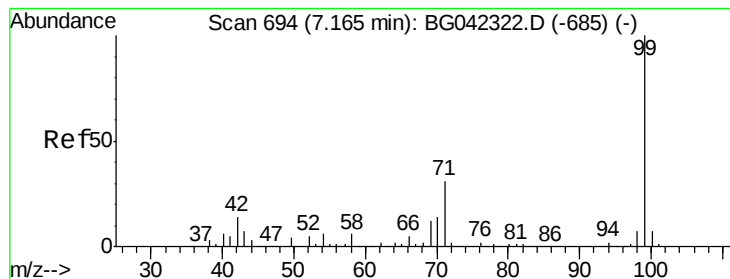
2-Fluorophenol
Concen: 127.033 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042365.D
Acq: 20 Aug 2019 19:57

Tgt Ion:112 Resp: 416896
Ion Ratio Lower Upper
112 100
64 55.2 42.5 63.7
63 27.8 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.468 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042365.D

Acq: 20 Aug 2019 19:57

Instrument :

BNA_G

ClientSampleId :

PB122401TB

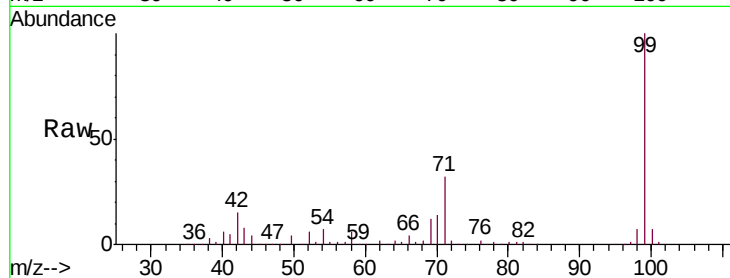
Tot Ion: 99 Resp: 550304

Ion Ratio Lower Upper

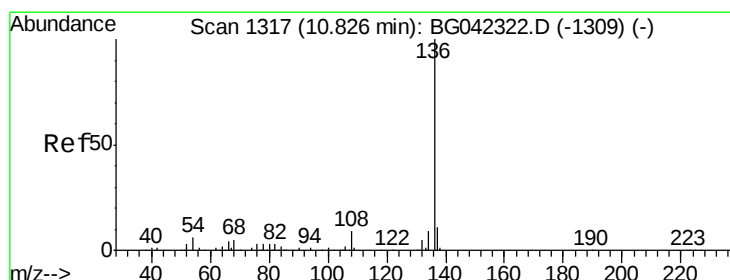
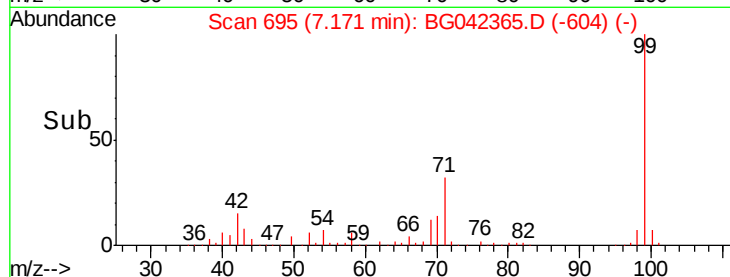
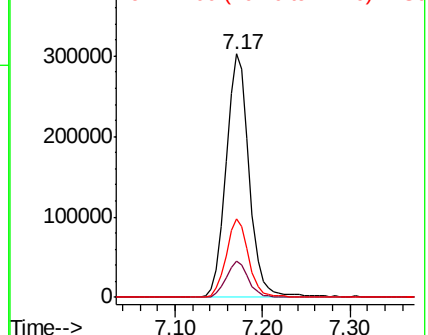
99 100

42 15.0 11.4 17.0

71 32.4 25.1 37.7



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: 10.83 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BG042365.D

Acq: 20 Aug 2019 19:57

Tgt Ion: 136 Resp: 246600

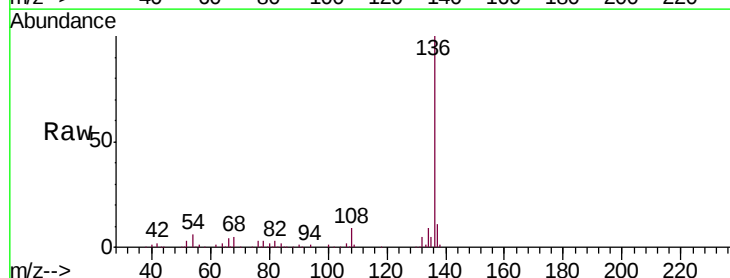
Ion Ratio Lower Upper

136 100

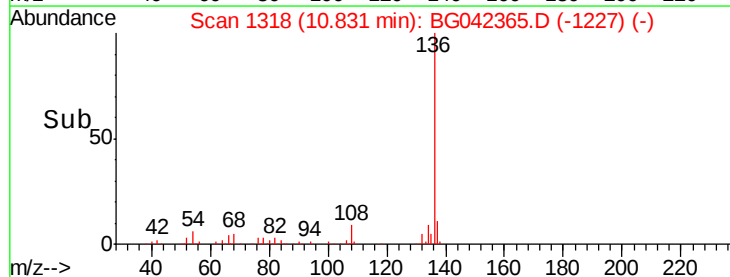
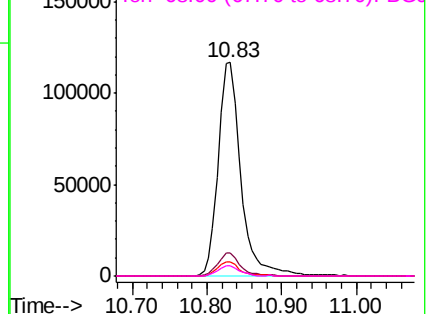
137 10.9 8.4 12.6

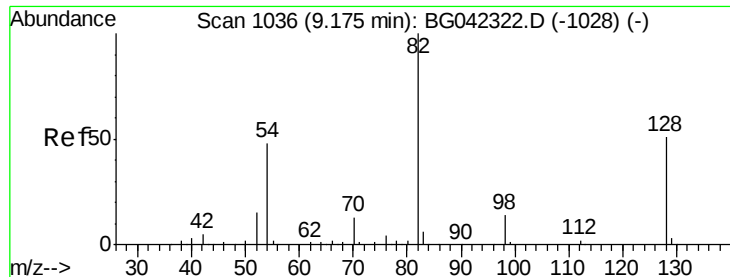
54 6.4 5.0 7.4

68 4.8 3.8 5.8



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

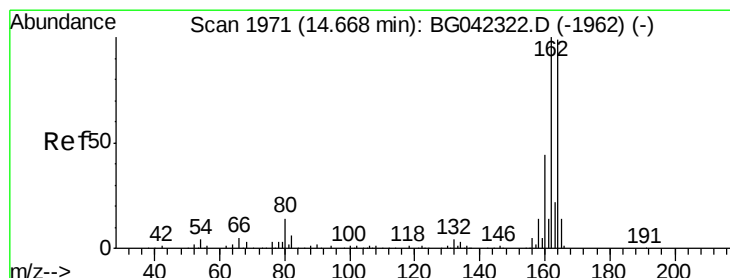
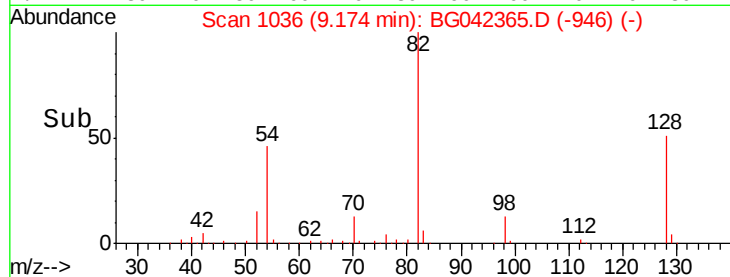
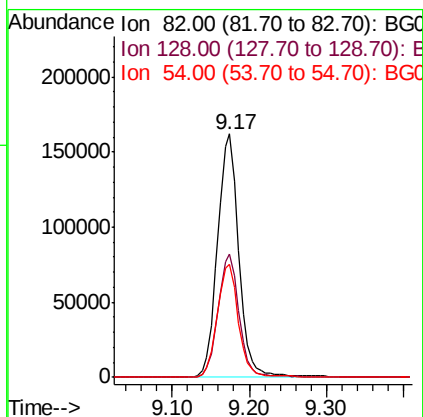
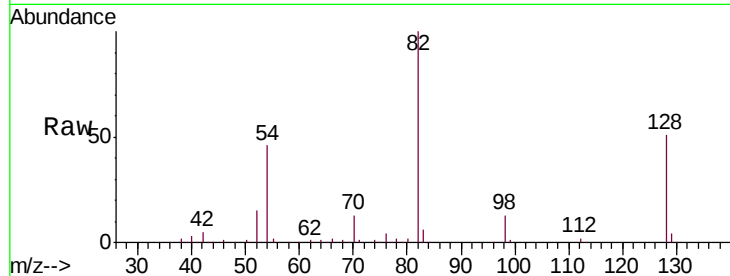




#23
 Nitrobenzene-d5
 Concen: 88.490 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042365.D
 Acq: 20 Aug 2019 19:57

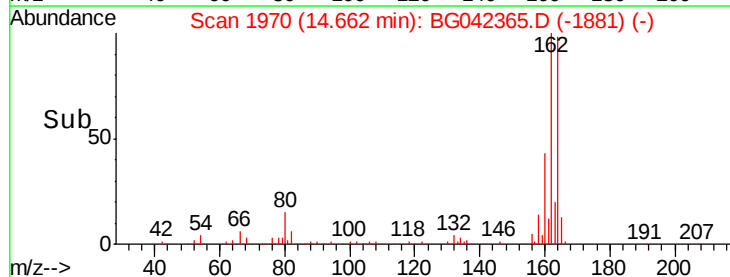
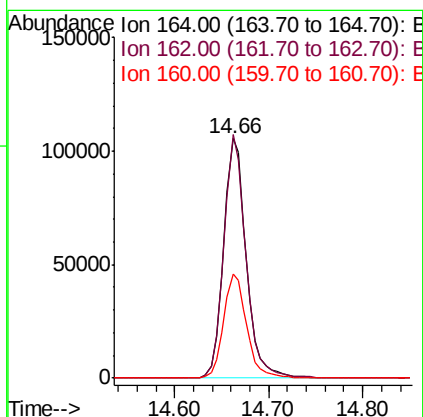
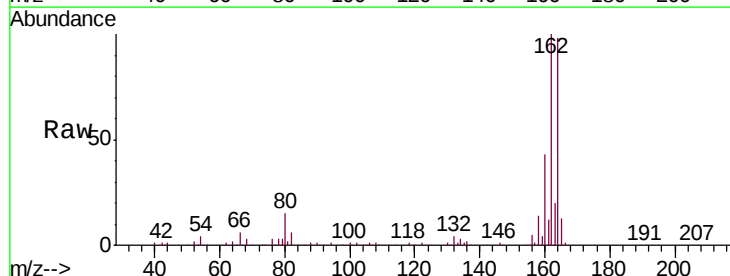
Instrument :
 BNA_G
 ClientSampleID :
 PB122401TB

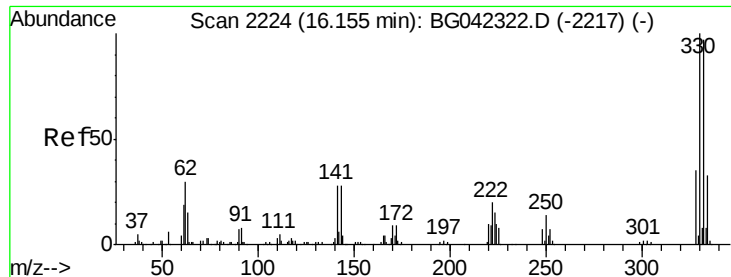
Tot Ion	82	Resp	310261
Ion Ratio	100	Lower	Upper
128	50.5	41.0	61.4
54	46.5	38.0	57.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG042365.D
 Acq: 20 Aug 2019 19:57

Tgt Ion	164	Resp	176991
Ion Ratio	100	Lower	Upper
162	101.8	80.6	120.8
160	43.7	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 125.620 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042365.D

Acq: 20 Aug 2019 19:57

Instrument :

BNA_G

ClientSampleId :

PB122401TB

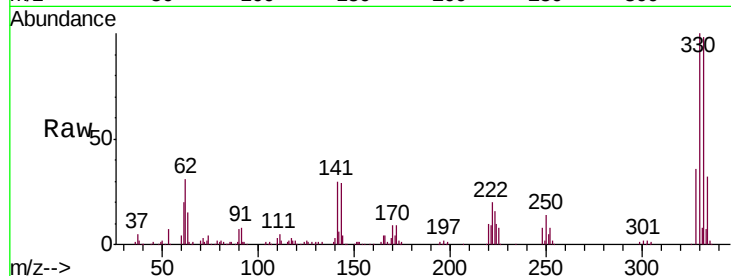
Tot Ion:330 Resp: 302816

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

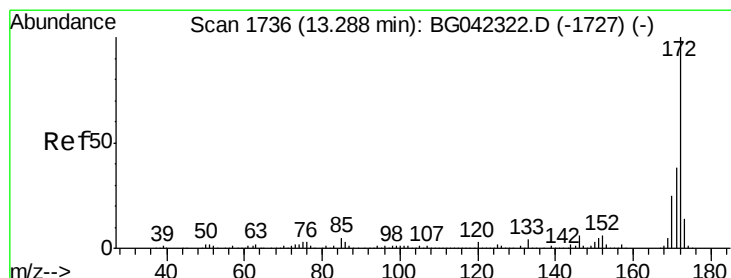
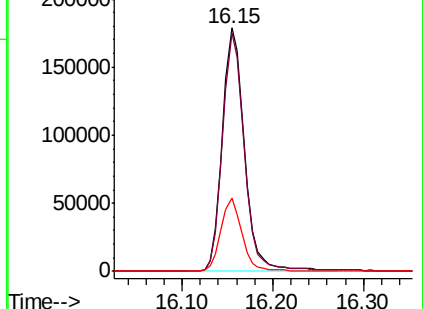
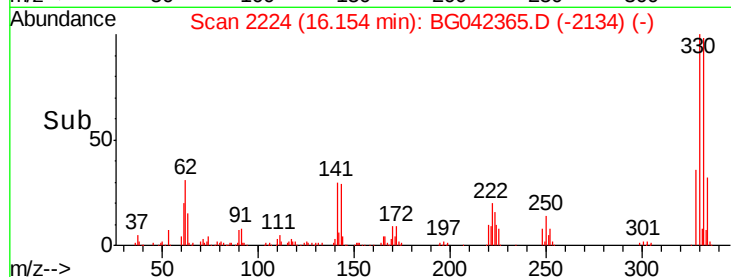
141 29.0 21.8 32.6



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: 92.063 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG042365.D

Acq: 20 Aug 2019 19:57

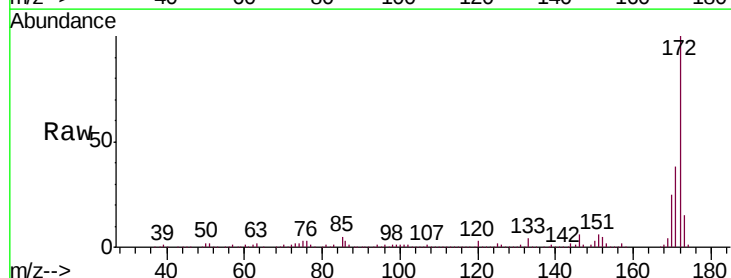
Tgt Ion:172 Resp: 962929

Ion Ratio Lower Upper

172 100

171 37.8 30.3 45.5

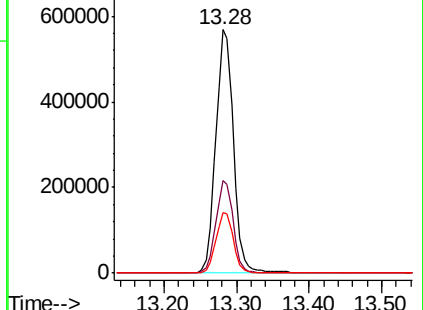
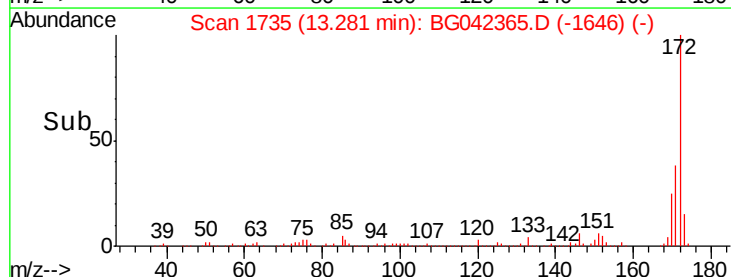
170 24.8 20.0 30.0

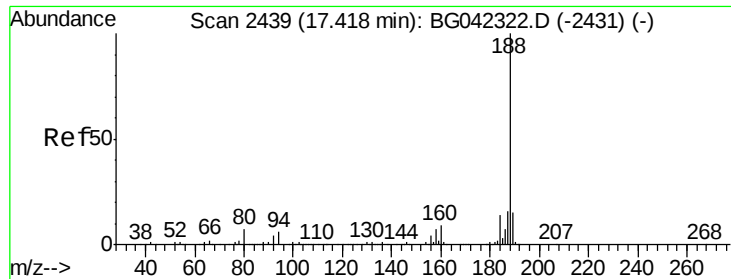


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG042365.D

Acq: 20 Aug 2019 19:57

Instrument :

BNA_G

ClientSampleId :

PB122401TB

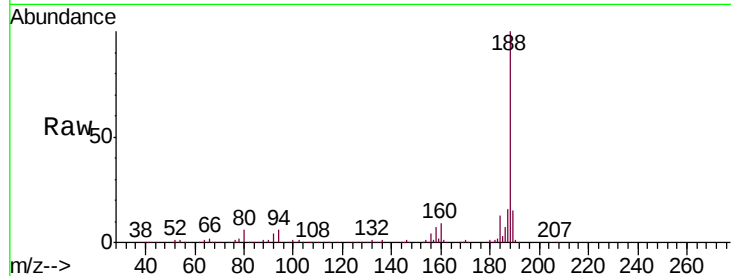
Tot Ion:188 Resp: 416598

Ion Ratio Lower Upper

188 100

94 6.1 4.9 7.3

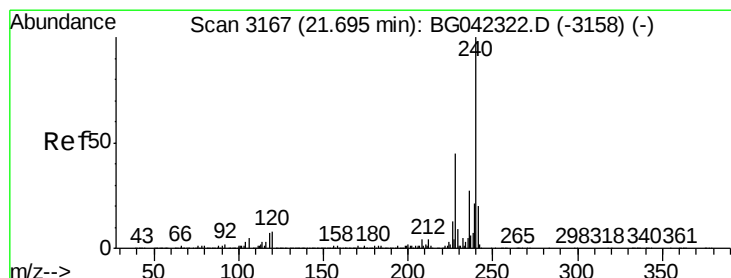
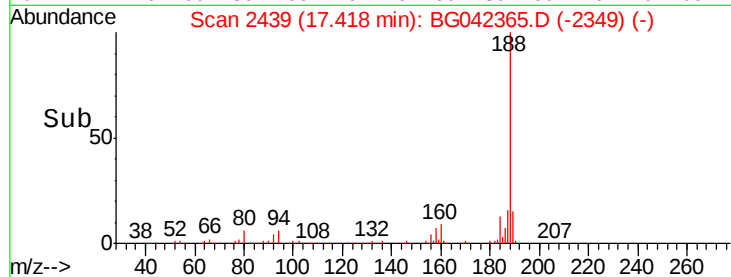
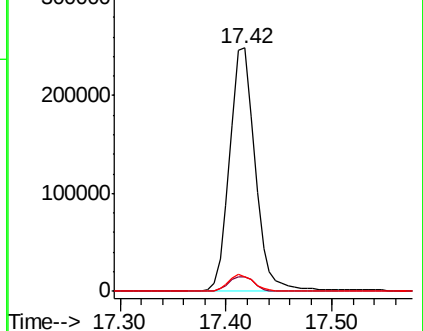
80 6.2 5.4 8.0



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042365.D

Acq: 20 Aug 2019 19:57

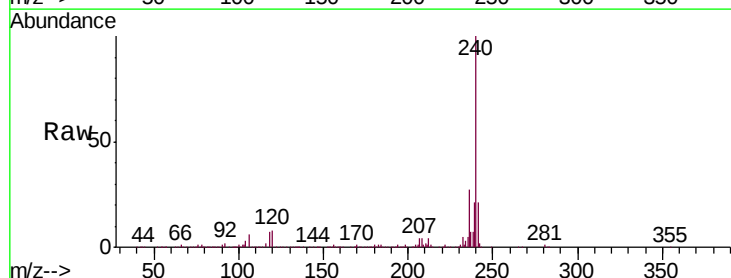
Tgt Ion:240 Resp: 443040

Ion Ratio Lower Upper

240 100

120 7.8 6.0 9.0

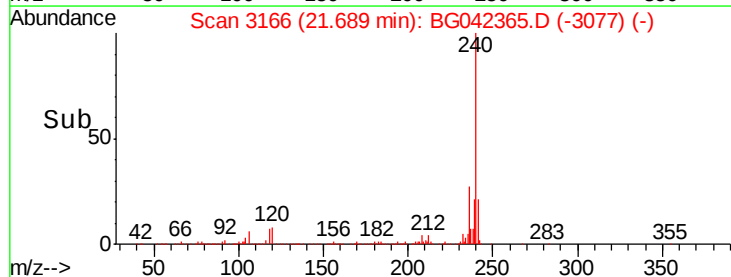
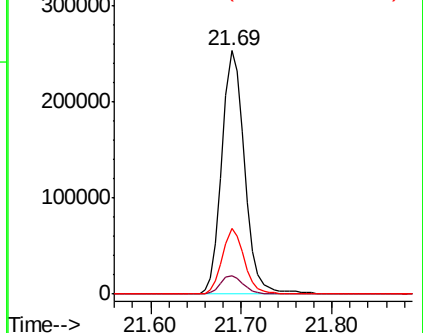
236 26.7 21.6 32.4

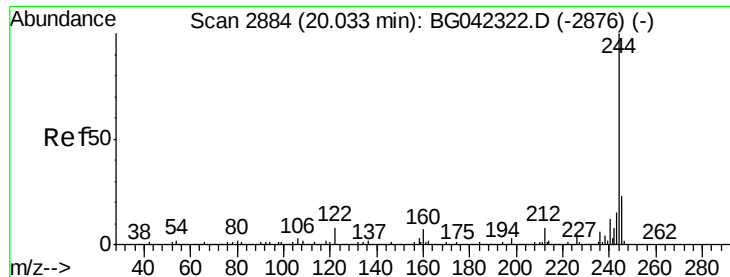


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.221 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG042365.D

Acq: 20 Aug 2019 19:57

Instrument :

BNA_G

ClientSampleId :

PB122401TB

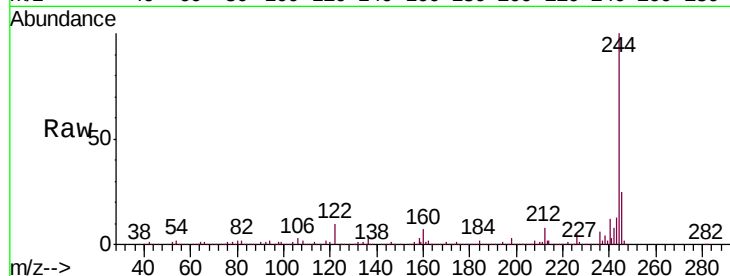
Tot Ion:244 Resp: 1764259

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

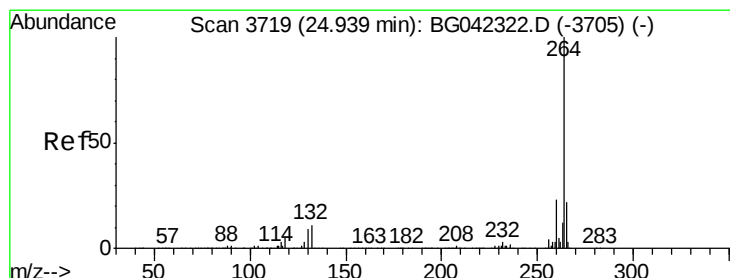
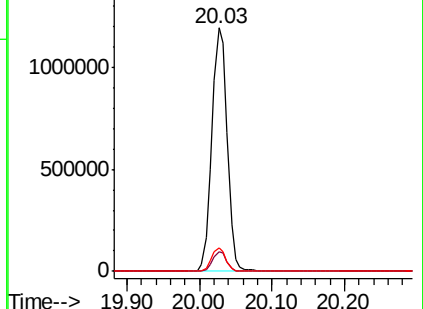
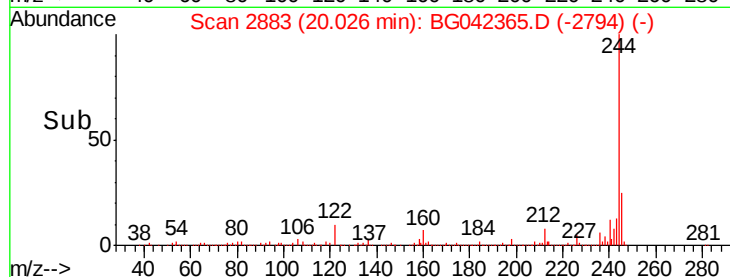
122 9.7 6.6 10.0



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: BG042365.D

Acq: 20 Aug 2019 19:57

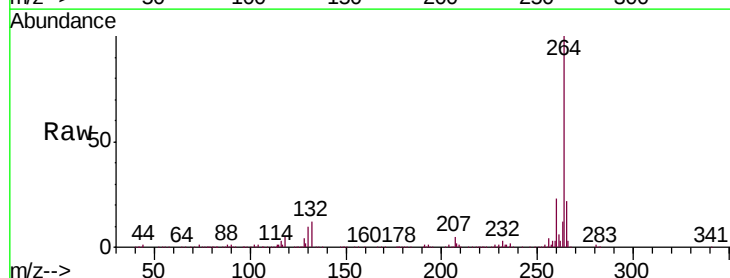
Tgt Ion:264 Resp: 504123

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.5 17.4 26.0



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

