

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042725.D
 Acq On : 5 Sep 2019 18:07
 Operator : HP/JU
 Sample : K4668-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090319

Quant Time: Sep 06 07:02:04 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	8.00	152	46271	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	166869	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	120064	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	281582	20.00	ng	0.00
76) Chrysene-d12	21.68	240	348112	20.00	ng	-0.01
87) Perylene-d12	24.93	264	412906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	200694	87.84	ng	0.00
7) Phenol-d6	7.17	99	227105	73.59	ng	0.00
23) Nitrobenzene-d5	9.17	82	162495	67.29	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	173779	101.83	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	522566	73.61	ng	0.00
79) Terphenyl-d14	20.02	244	1097769	68.18	ng	0.00

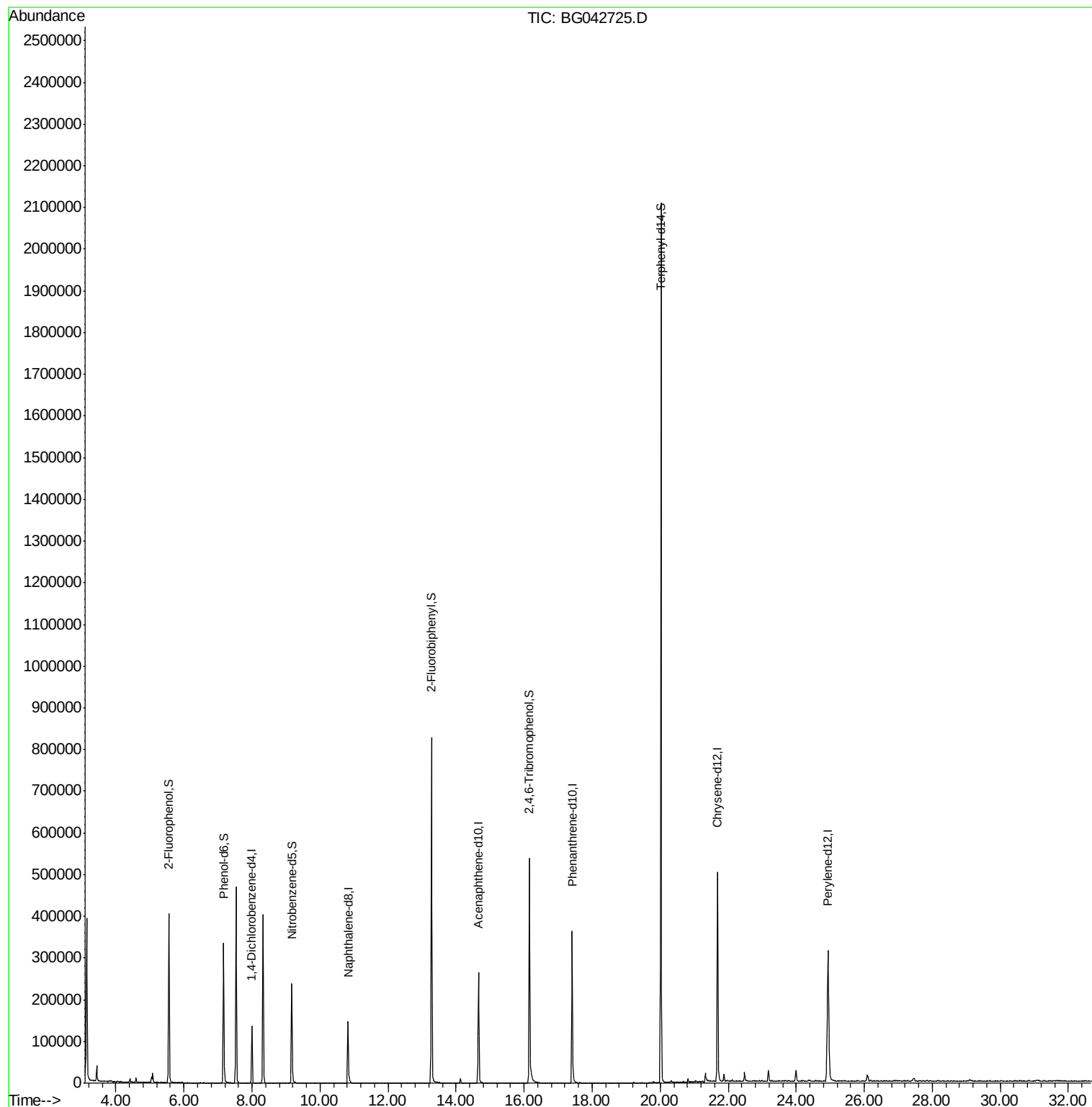
Target Compounds Qvalue

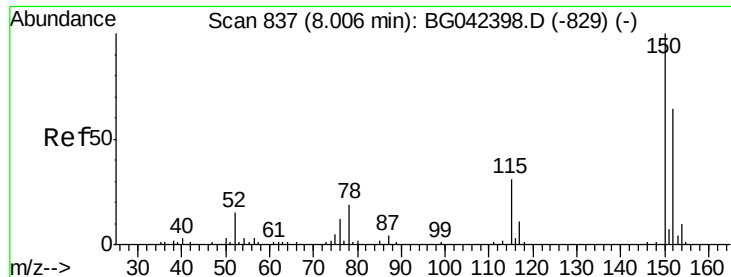
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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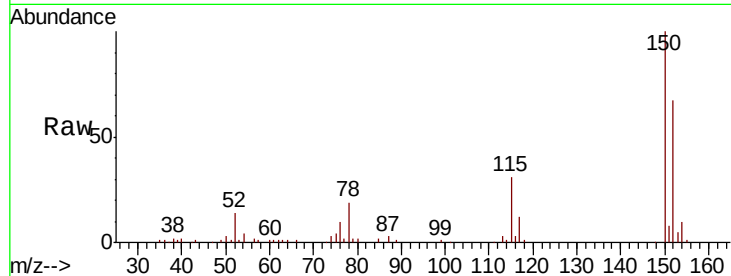


#1

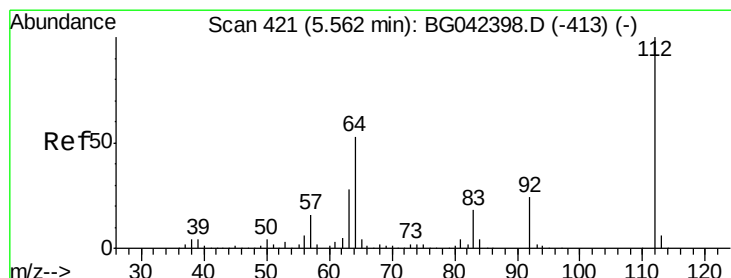
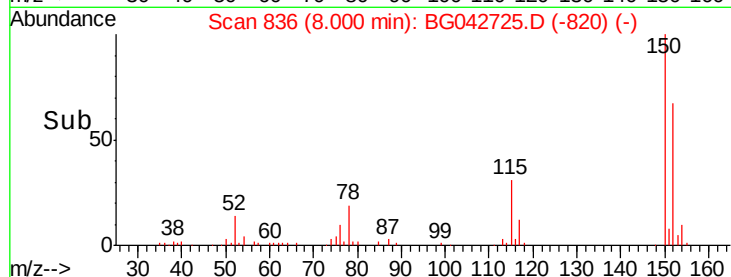
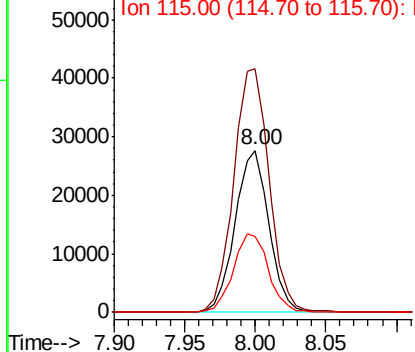
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG042725.D
 Acq: 5 Sep 2019 18:07

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090319

Tot Ion:152 Resp: 46271
 Ion Ratio Lower Upper
 152 100
 150 150.3 125.4 188.0
 115 47.3 38.5 57.7



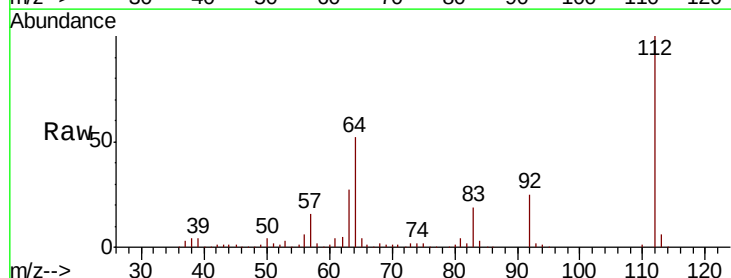
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



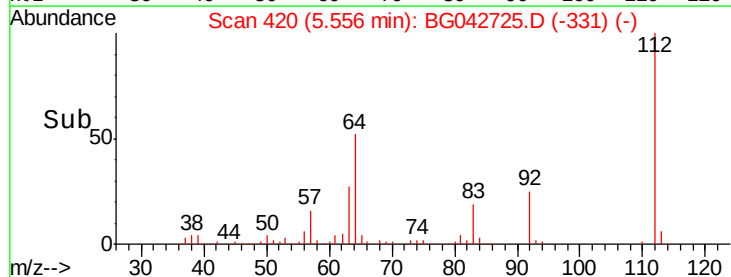
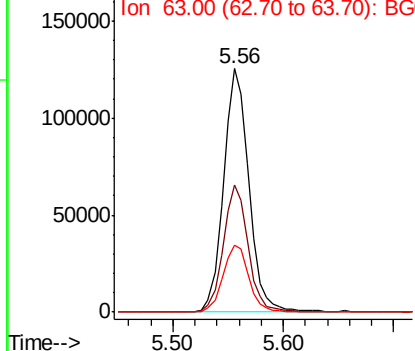
#5

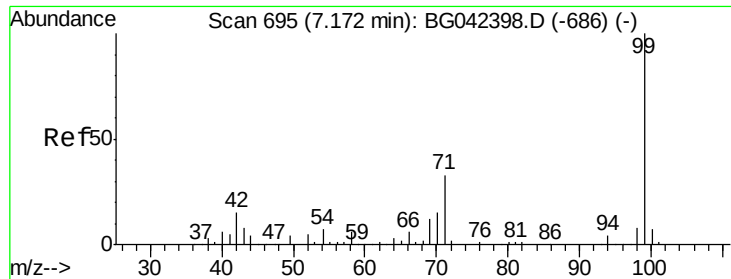
2-Fluorophenol
 Concen: 87.844 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042725.D
 Acq: 5 Sep 2019 18:07

Tgt Ion:112 Resp: 200694
 Ion Ratio Lower Upper
 112 100
 64 52.1 42.8 64.2
 63 27.4 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: 73.591 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042725.D

Acq: 5 Sep 2019 18:07

Instrument :

BNA_G

ClientSampleId :

SU-04-090319

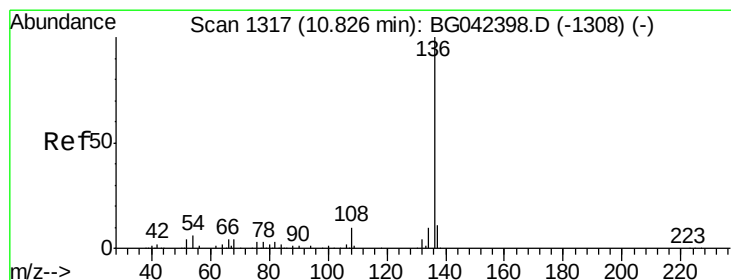
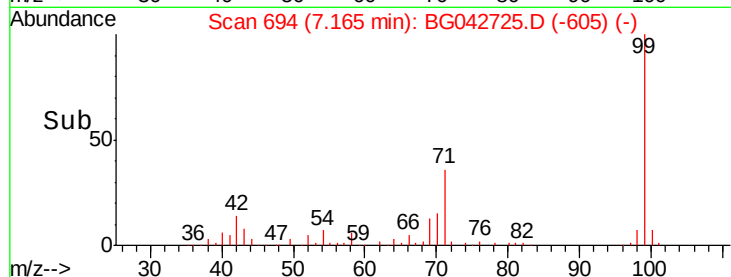
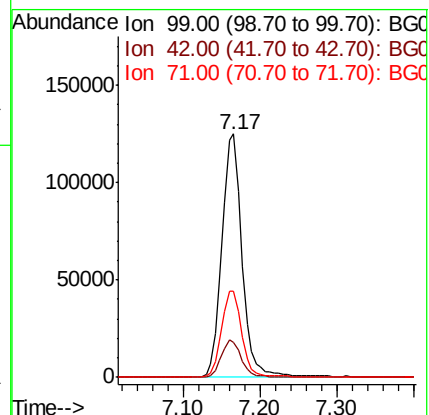
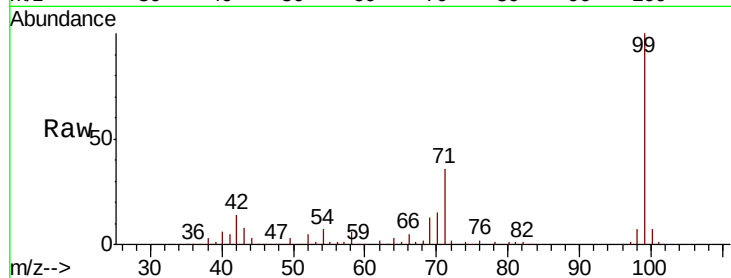
Tot Ion: 99 Resp: 227105

Ion Ratio Lower Upper

99 100

42 14.4 12.0 18.0

71 35.6 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042725.D

Acq: 5 Sep 2019 18:07

Tgt Ion: 136 Resp: 166869

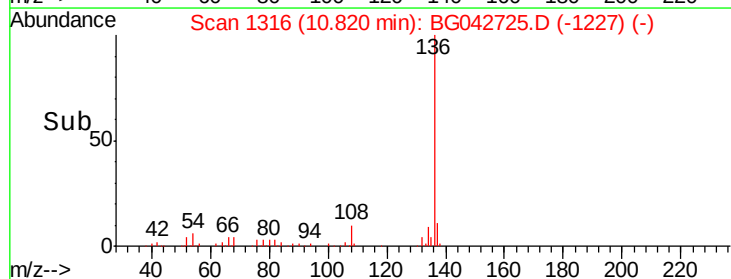
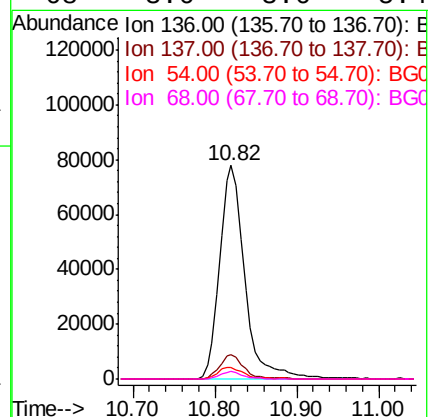
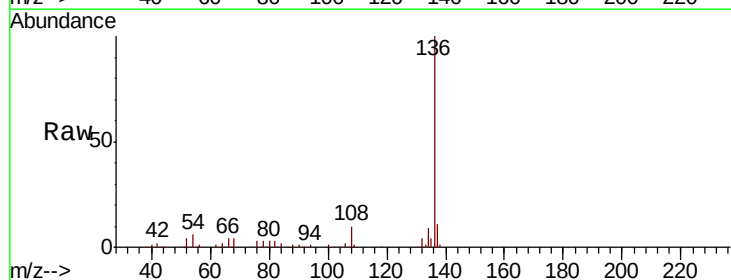
Ion Ratio Lower Upper

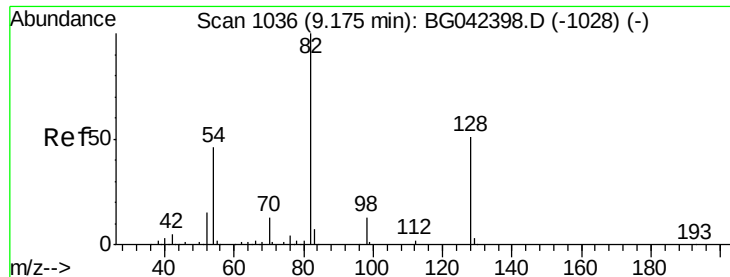
136 100

137 11.3 8.7 13.1

54 5.7 4.9 7.3

68 3.6 3.6 5.4

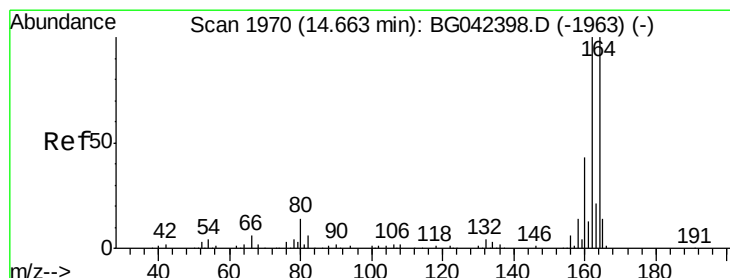
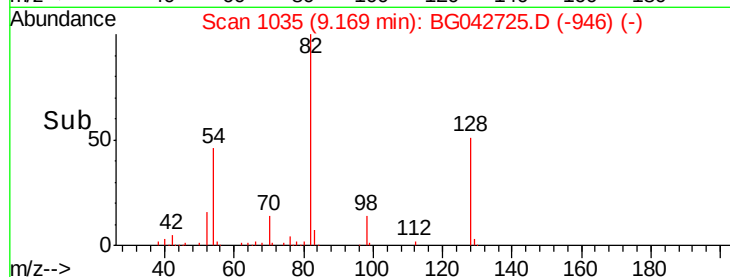
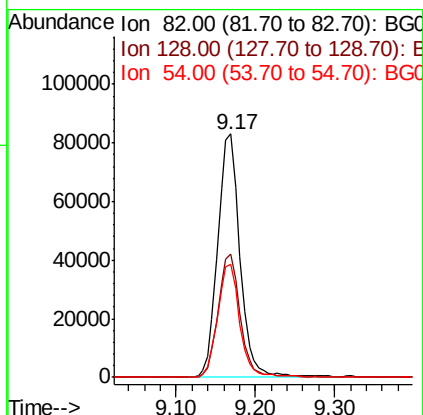
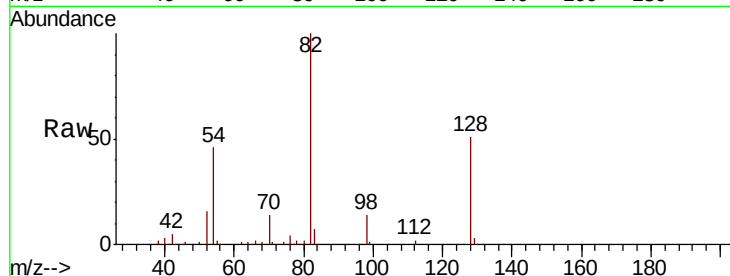




#23
Nitrobenzene-d5
Concen: 67.293 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042725.D
Acq: 5 Sep 2019 18:07

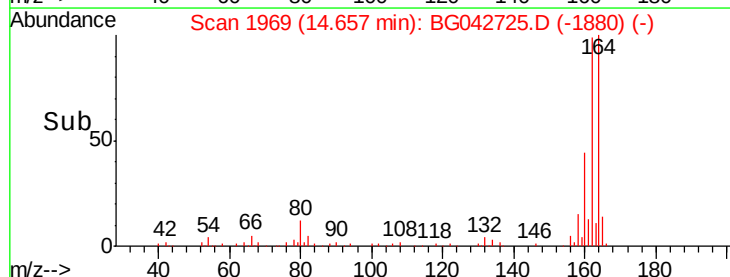
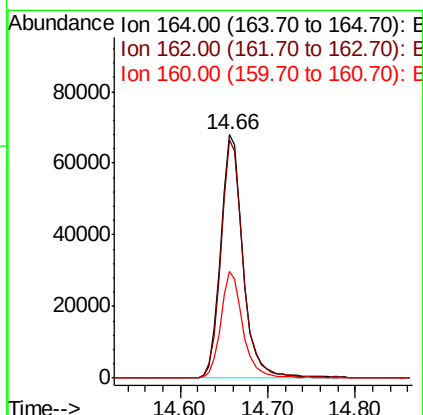
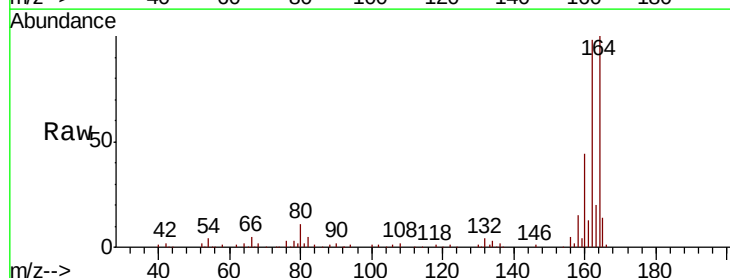
Instrument :
BNA_G
ClientSampleId :
SU-04-090319

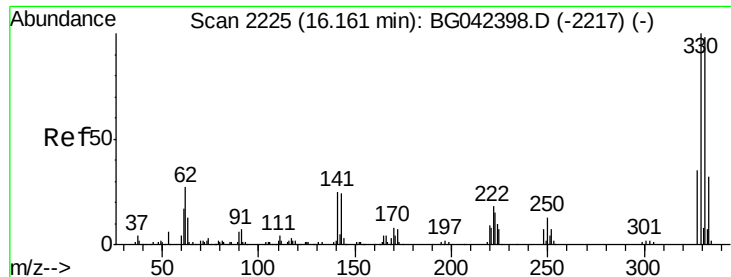
Tot Ion: 82 Resp: 162495
Ion Ratio Lower Upper
82 100
128 50.9 40.7 61.1
54 46.3 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042725.D
Acq: 5 Sep 2019 18:07

Tgt Ion:164 Resp: 120064
Ion Ratio Lower Upper
164 100
162 97.8 79.9 119.9
160 43.6 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 101.833 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042725.D

Acq: 5 Sep 2019 18:07

Instrument :

BNA_G

ClientSampleId :

SU-04-090319

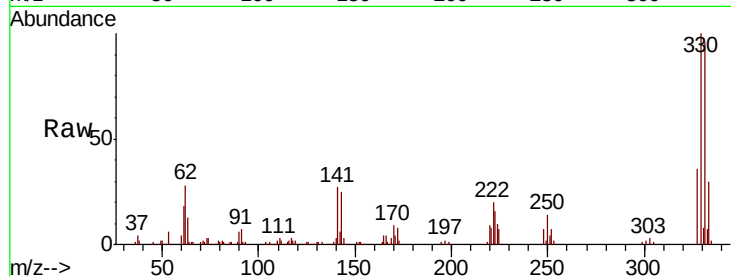
Tot Ion:330 Resp: 173779

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

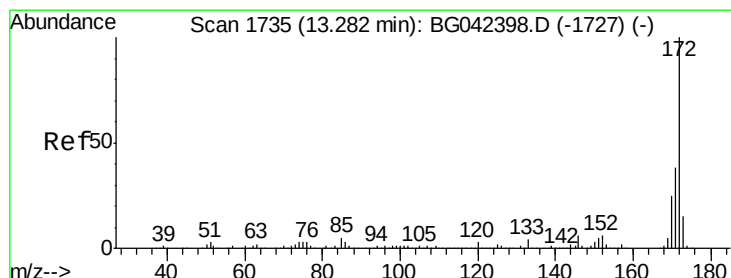
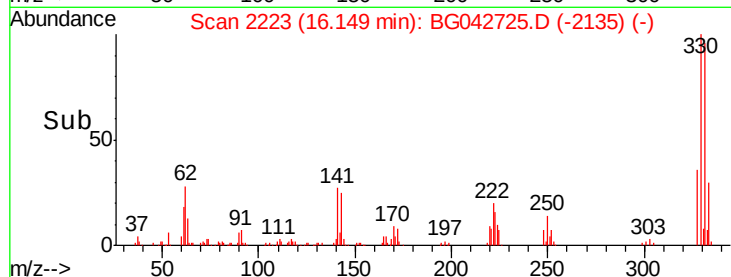
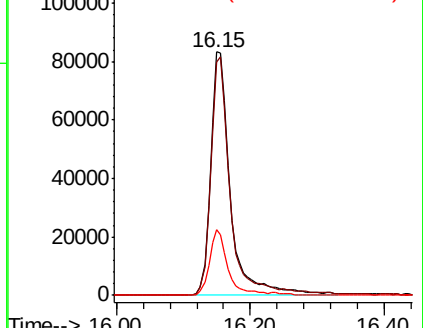
141 25.4 21.4 32.0



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: 73.611 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042725.D

Acq: 5 Sep 2019 18:07

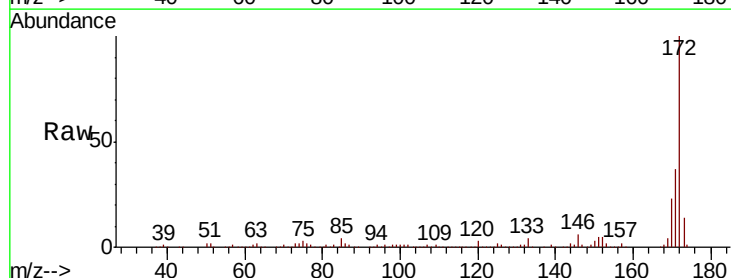
Tgt Ion:172 Resp: 522566

Ion Ratio Lower Upper

172 100

171 36.9 30.5 45.7

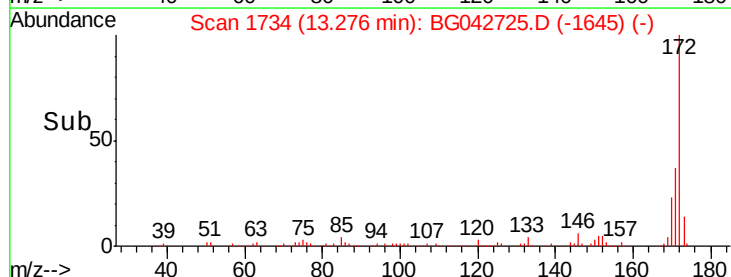
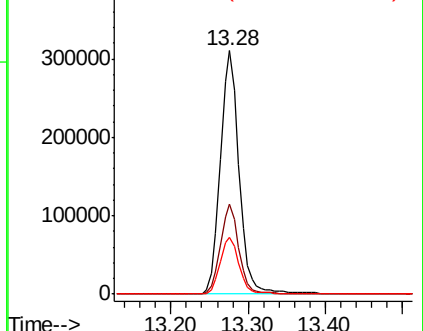
170 23.4 20.2 30.2

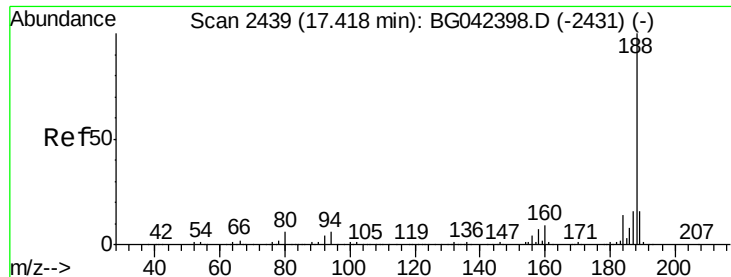


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG042725.D

Acq: 5 Sep 2019 18:07

Instrument :

BNA_G

ClientSampleId :

SU-04-090319

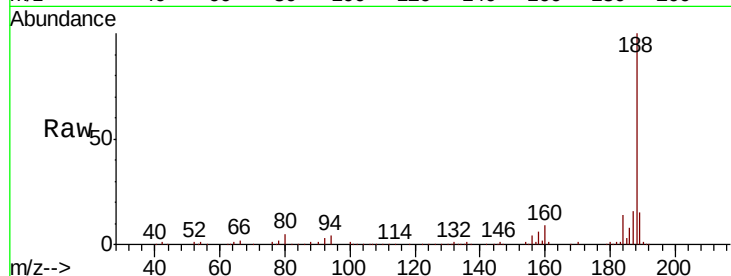
Tot Ion:188 Resp: 281582

Ion Ratio Lower Upper

188 100

94 4.4 4.5 6.7#

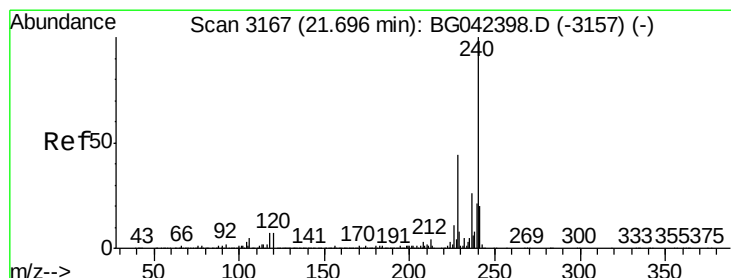
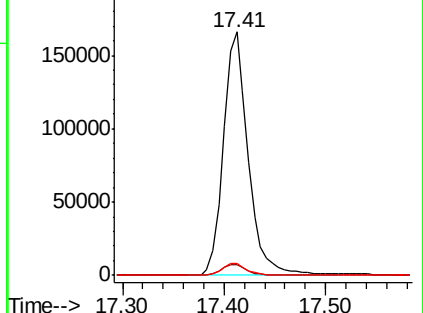
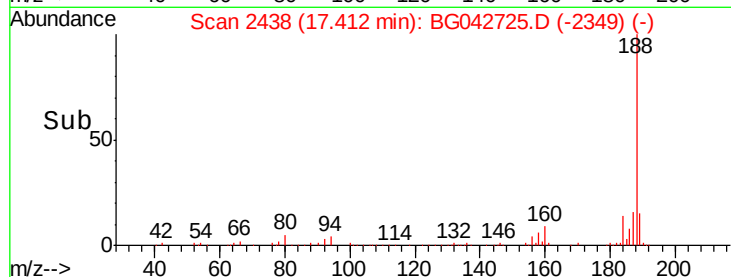
80 5.1 4.9 7.3



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: BG042725.D

Acq: 5 Sep 2019 18:07

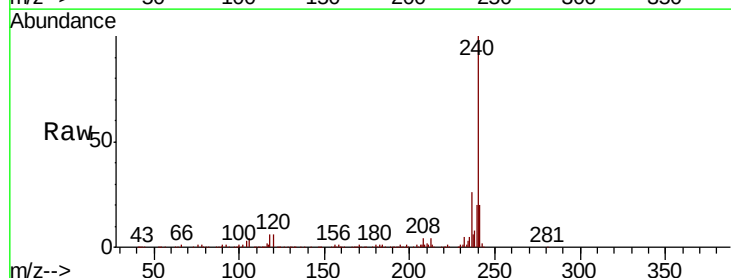
Tgt Ion:240 Resp: 348112

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

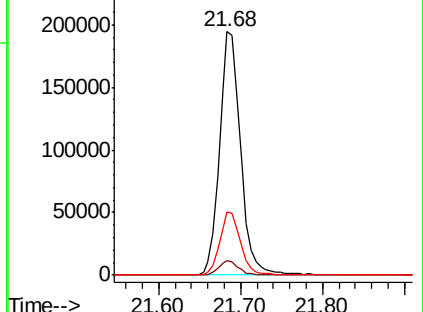
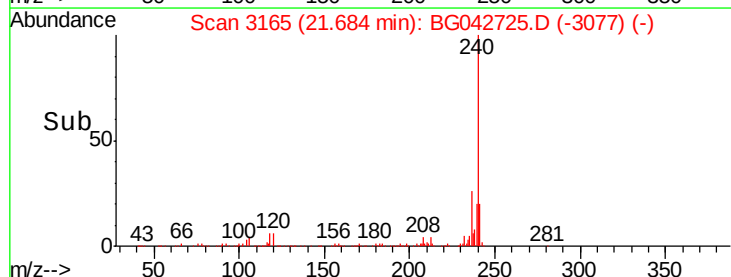
236 26.1 21.0 31.4

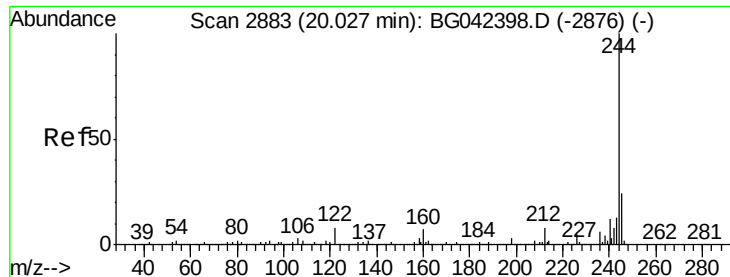


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.176 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042725.D

Acq: 5 Sep 2019 18:07

Instrument :

BNA_G

ClientSampleId :

SU-04-090319

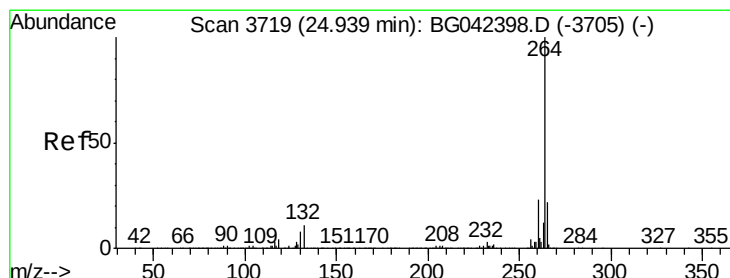
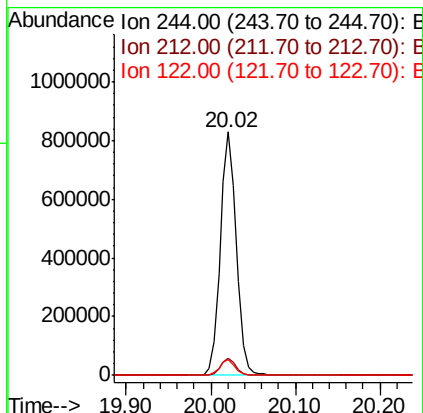
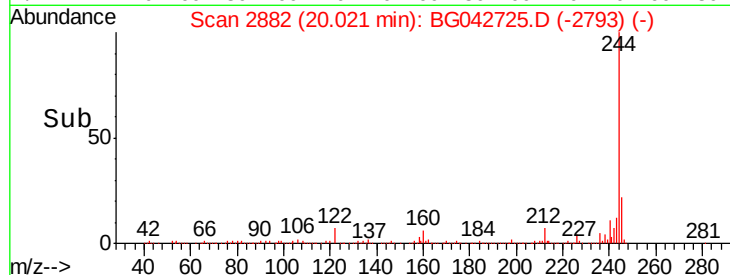
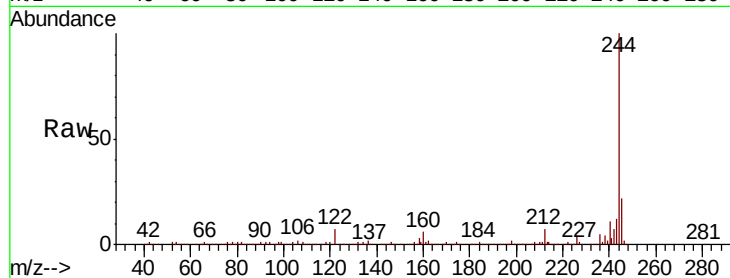
Tot Ion:244 Resp: 1097769

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 6.7 6.7 10.1#



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042725.D

Acq: 5 Sep 2019 18:07

Tgt Ion:264 Resp: 412906

Ion Ratio Lower Upper

264 100

260 22.0 18.5 27.7

265 22.4 17.6 26.4

