

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 :

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

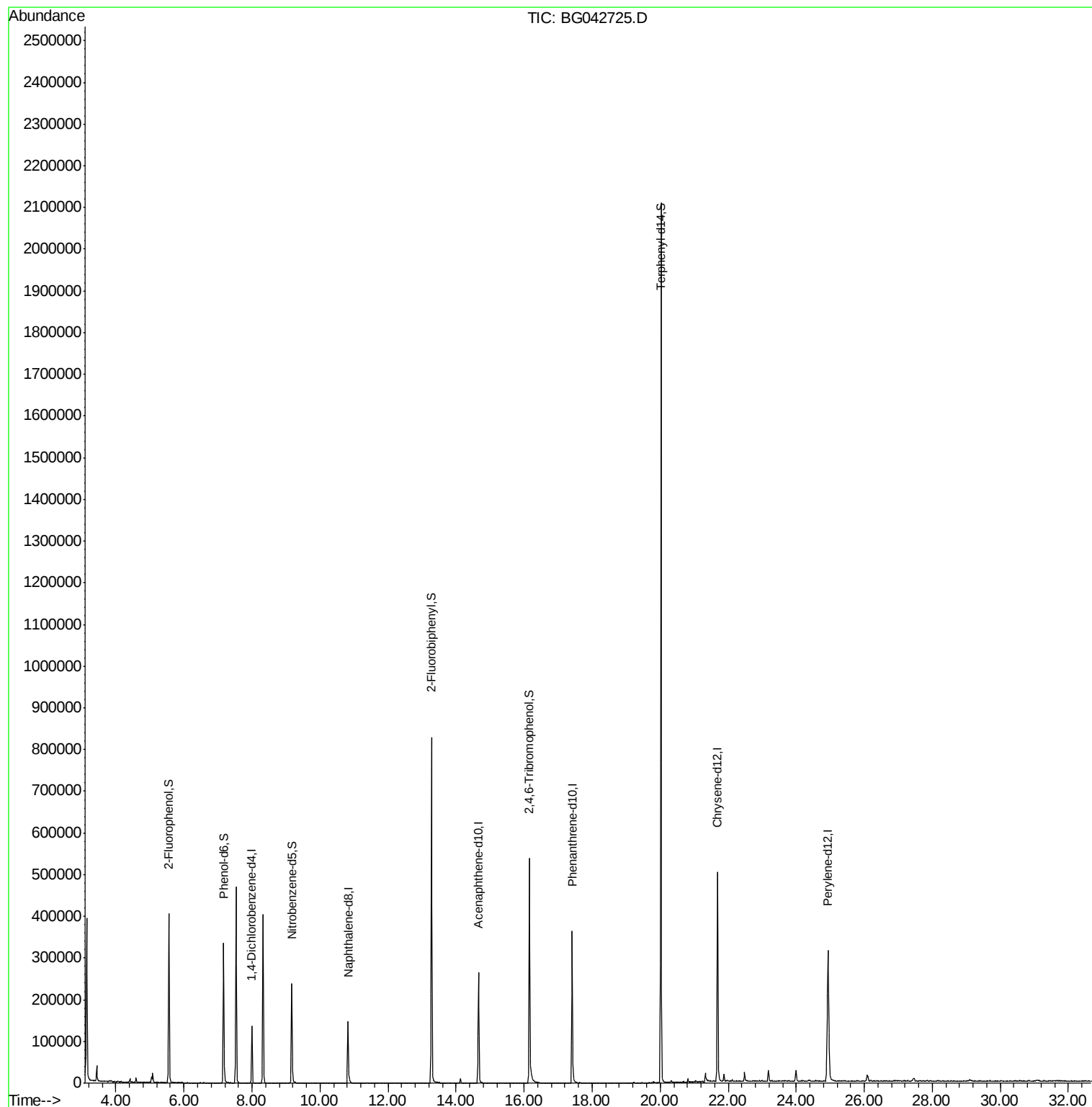
Target Compounds Qvalue

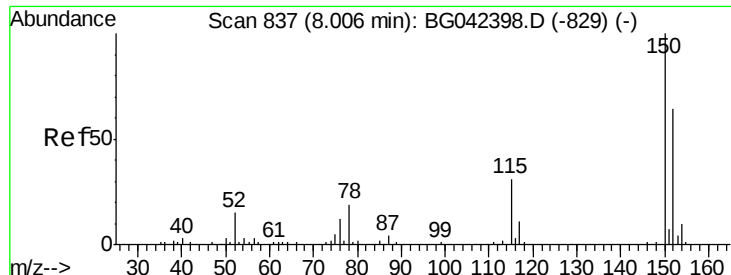
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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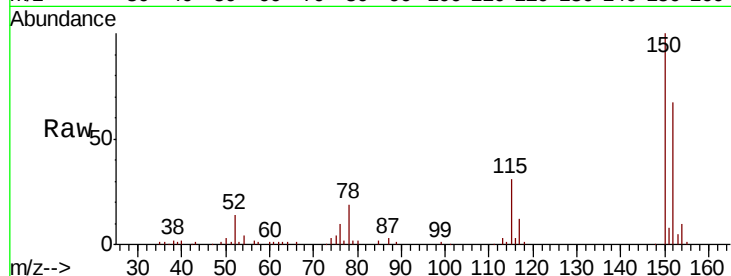


#1

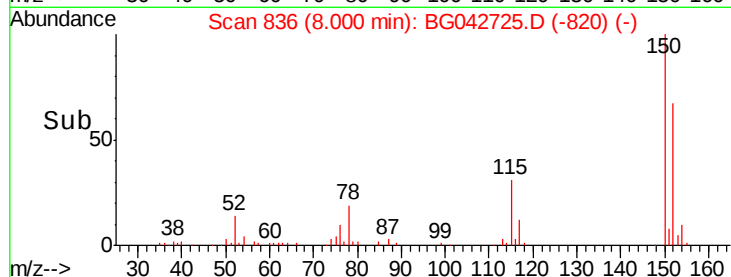
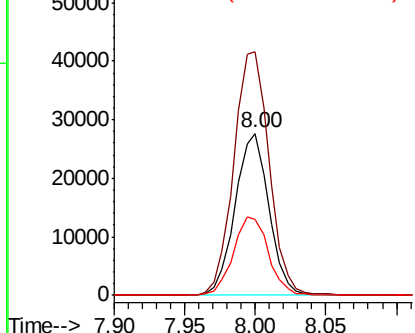
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042725.D
Acq: 5 Sep 2019 18:07

Instrument :
BNA_G
ClientSampled :

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



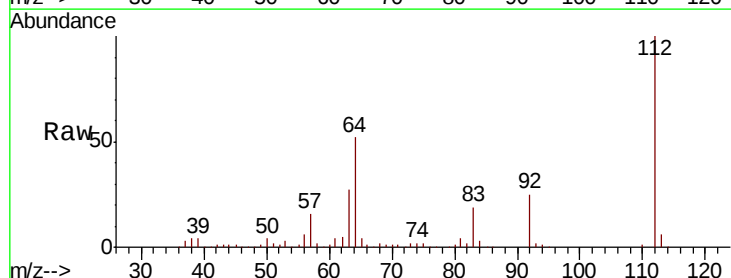
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



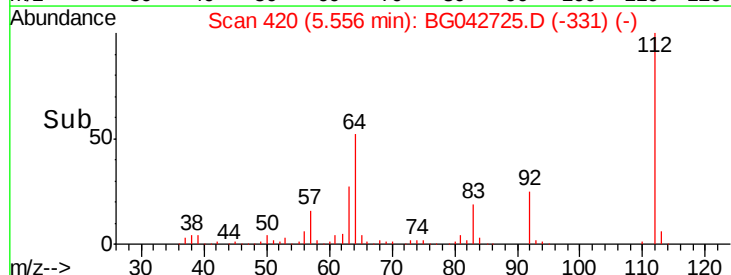
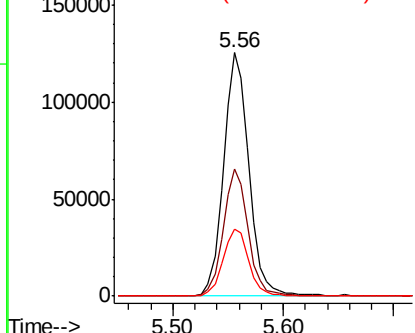
#5

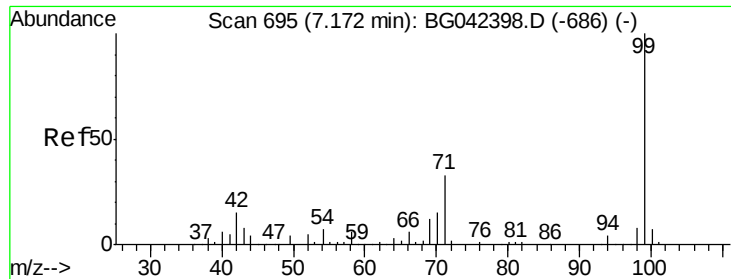
2-Fluorophenol
Concen: 87.844 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042725.D
Acq: 5 Sep 2019 18:07

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 :

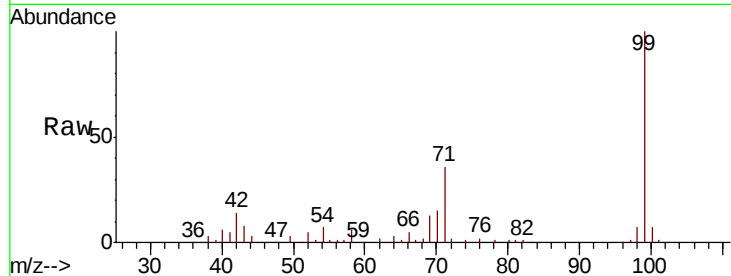
Tot Ion: 99 Resp: 227105

Ion Ratio Lower Upper

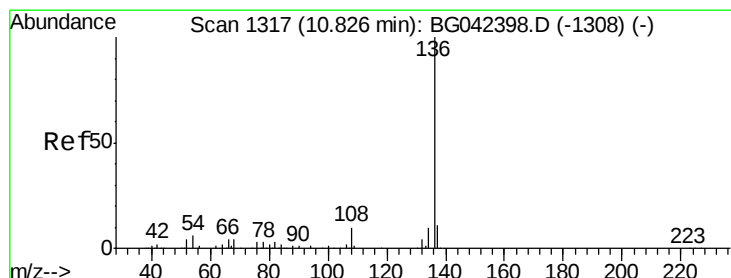
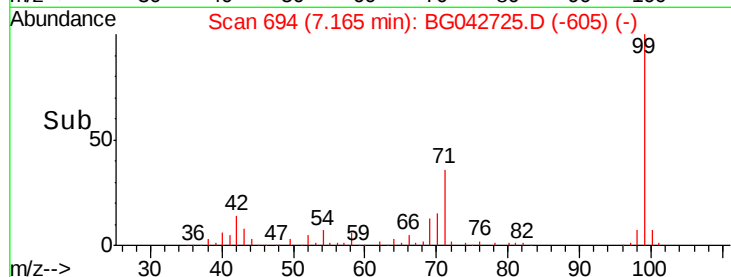
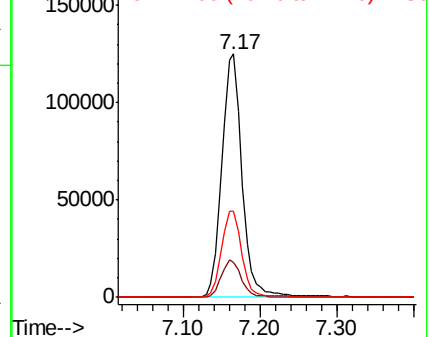
99 100

42 14.4 12.0 18.0

71 35.6 26.3 39.5



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: BG042725.D

Acq: 5 Sep 2019 18:07

Tgt Ion: 136 Resp: 166869

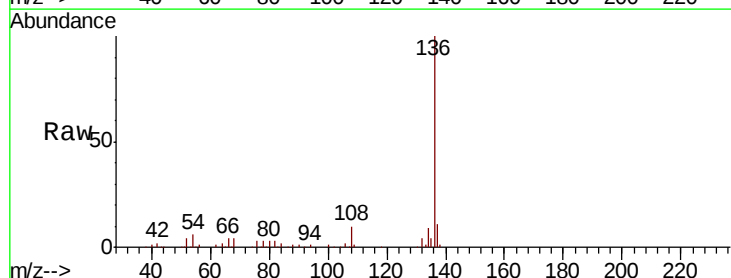
Ion Ratio Lower Upper

136 100

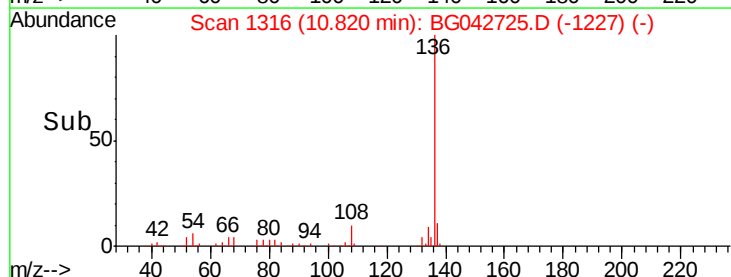
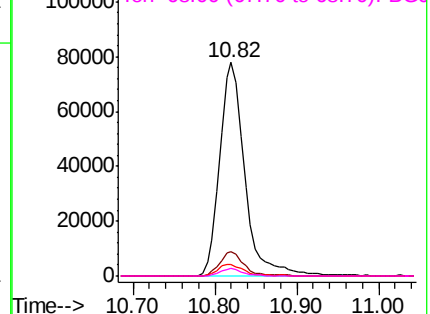
137 11.3 8.7 13.1

54 5.7 4.9 7.3

68 3.6 3.6 5.4



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

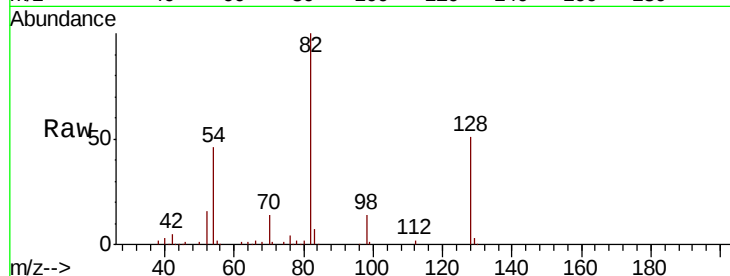




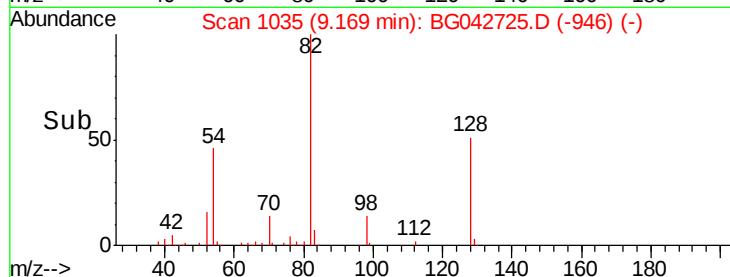
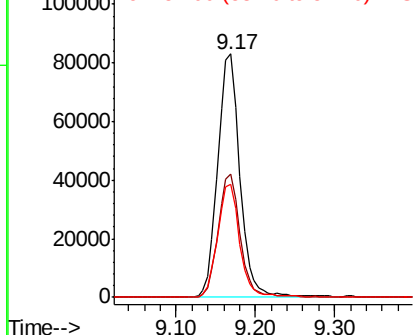
#23
Nitrobenzene-d5
Concen: 67.293 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042725.D
Acq: 5 Sep 2019 18:07

Instrument :
BNA_G
ClientSampleId :

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

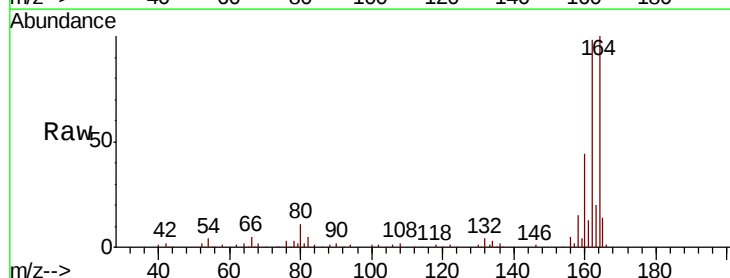


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

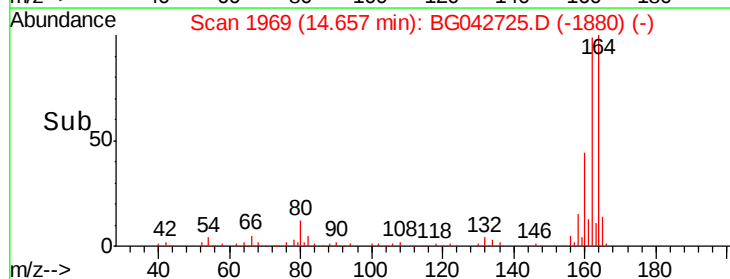
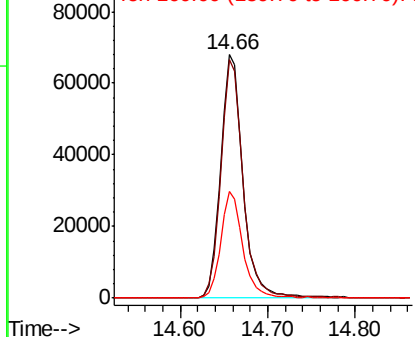


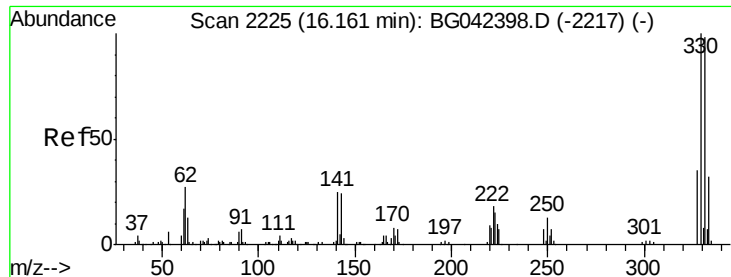
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042725.D
Acq: 5 Sep 2019 18:07

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



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

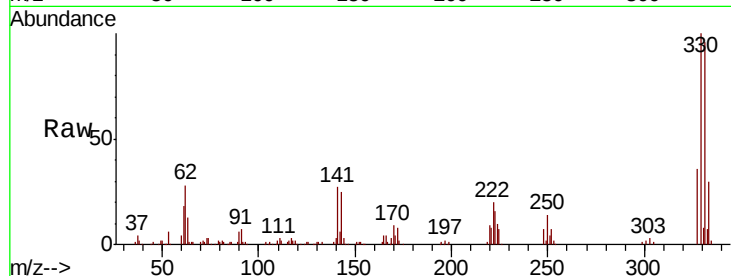




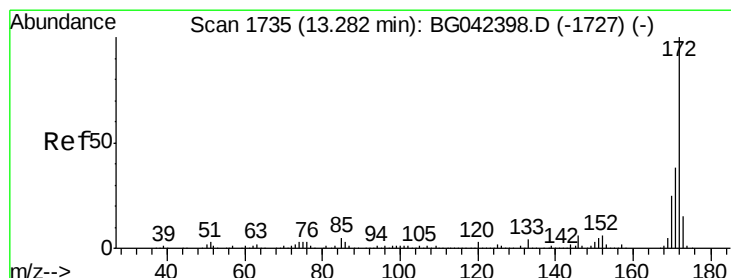
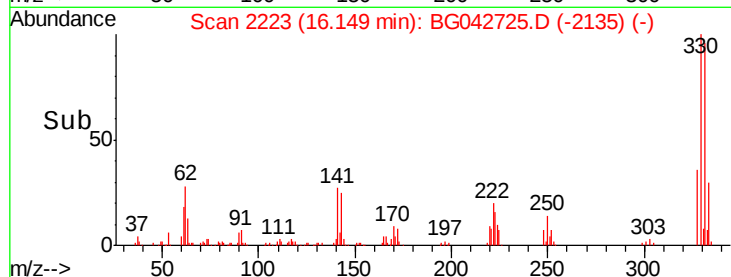
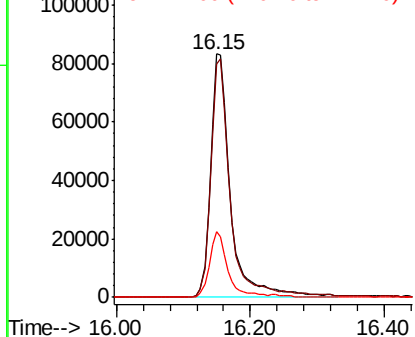
#42
 2,4,6-Tribromophenol
 Concen: 101.833 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042725.D
 Acq: 5 Sep 2019 18:07

Instrument :
 BNA_G
 ClientSampleId :

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

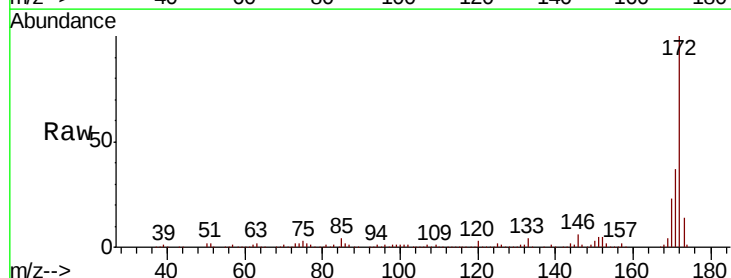


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

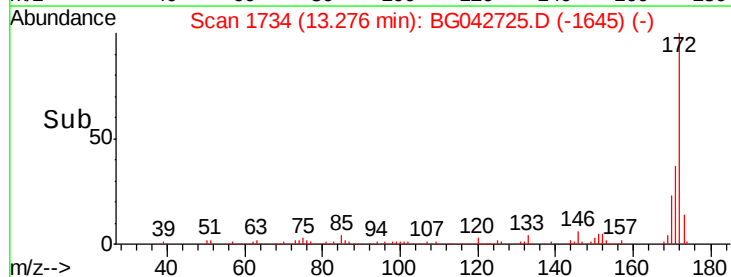
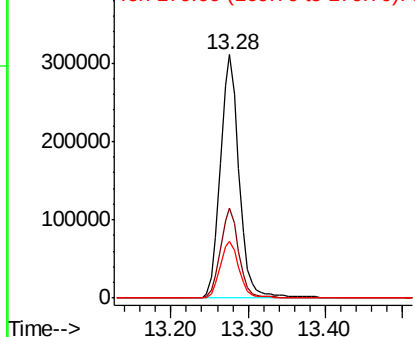


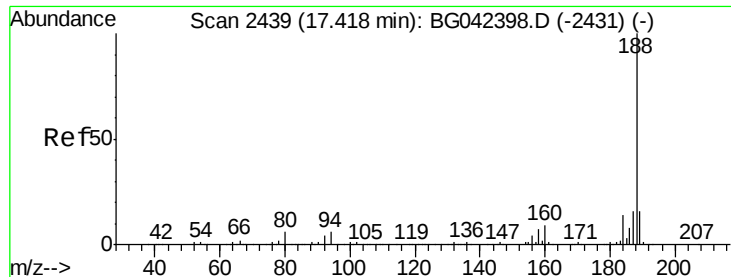
#45
 2-Fluorobiphenyl
 Concen: 73.611 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042725.D
 Acq: 5 Sep 2019 18:07

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 :

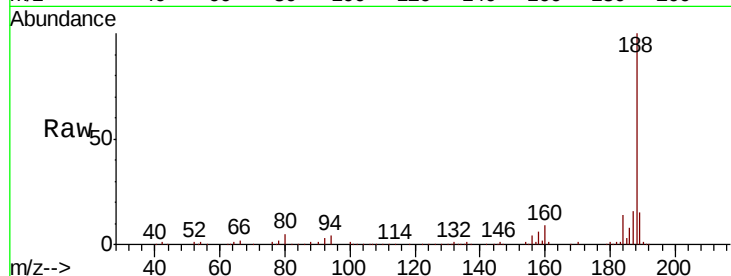
Tot Ion:188 Resp: 281582

Ion Ratio Lower Upper

188 100

94 4.4 4.5 6.7#

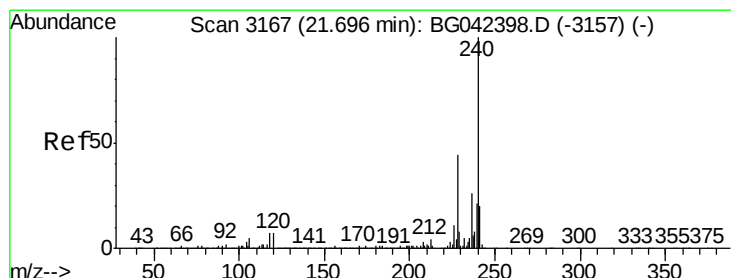
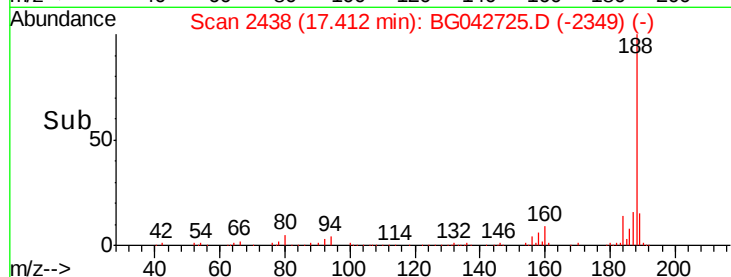
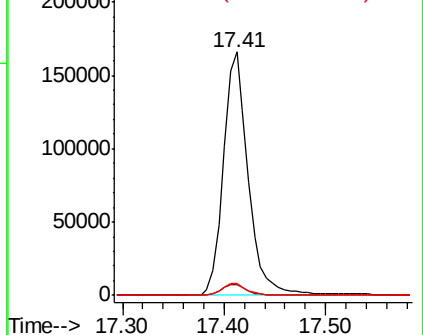
80 5.1 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BG042725.D

Acq: 5 Sep 2019 18:07

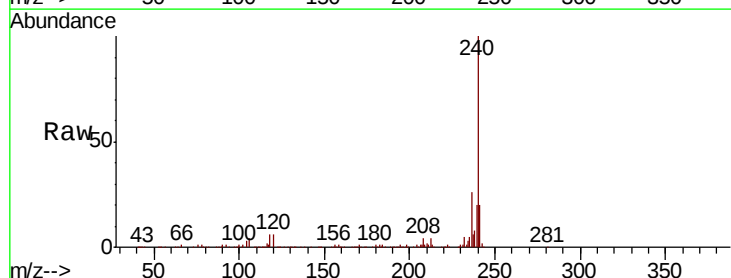
Tgt Ion:240 Resp: 348112

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

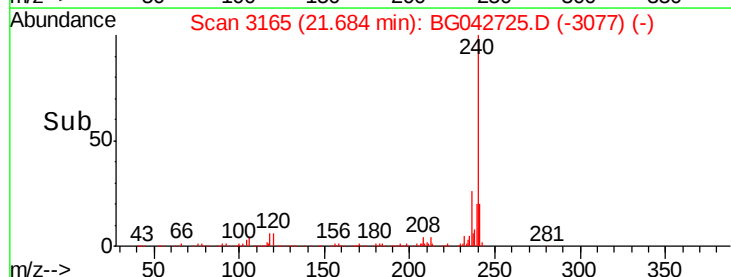
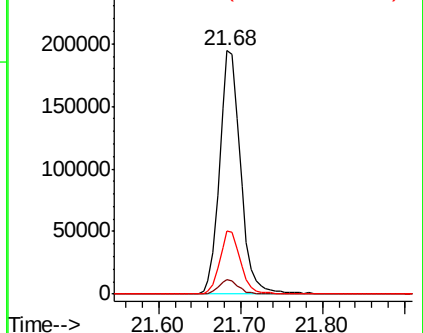
236 26.1 21.0 31.4



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 :

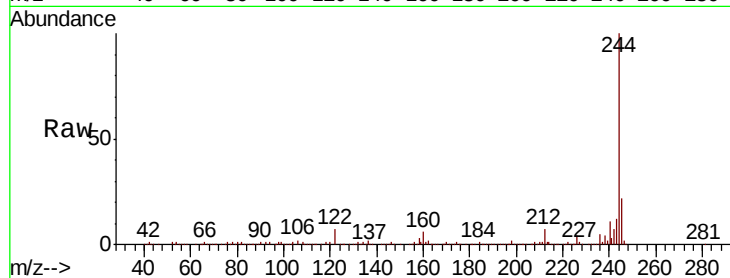
Tot Ion:244 Resp: 1097769

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	6.7	6.7	10.1

244 100

212 6.9 6.0 9.0

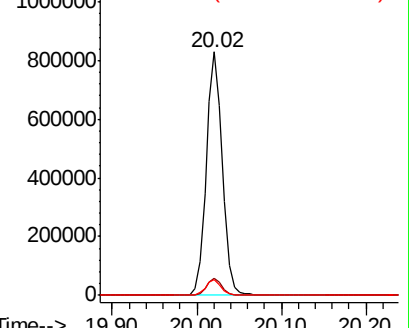
122 6.7 6.7 10.1



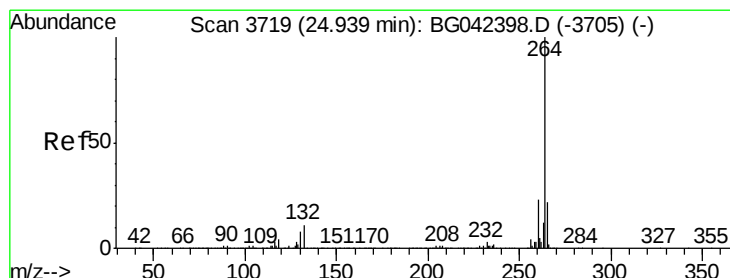
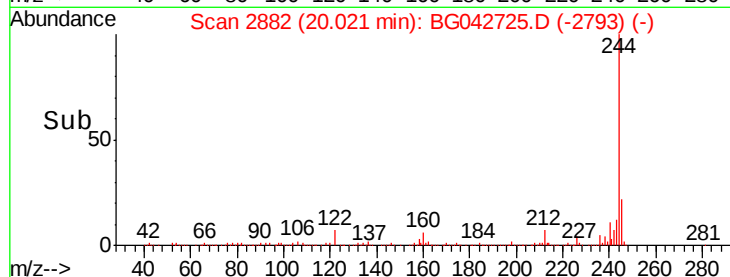
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10 20.20



#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

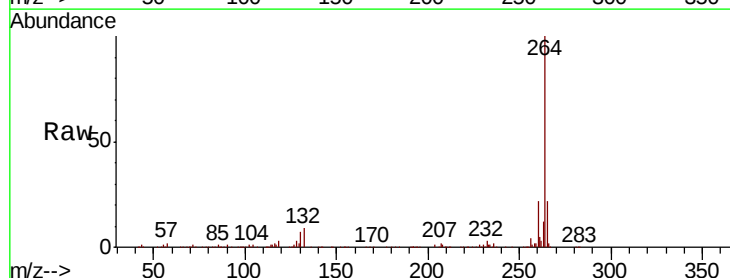
Tgt Ion:264 Resp: 412906

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.5	27.7
265	22.4	17.6	26.4

264 100

260 22.0 18.5 27.7

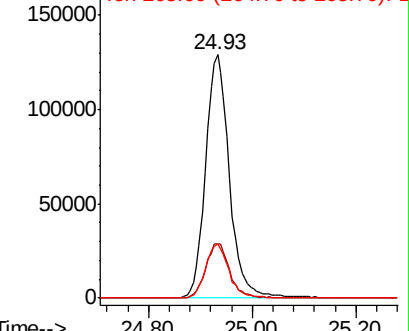
265 22.4 17.6 26.4



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



Time--> 24.80 25.00 25.20

