

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042662.D
 Acq On : 1 Sep 2019 13:17
 Operator : HP/JU
 Sample : K4547-30
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T3-S-F

Quant Time: Sep 02 07:48:54 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	25108	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	95053	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	77453	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	203182	20.00	ng	0.00
76) Chrysene-d12	21.68	240	235984	20.00	ng	-0.01
87) Perylene-d12	24.92	264	271295	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	157785	127.27	ng	0.00
7) Phenol-d6	7.17	99	190623	113.83	ng	0.00
23) Nitrobenzene-d5	9.17	82	134322	97.65	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	187648	170.45	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	477672	104.31	ng	0.00
79) Terphenyl-d14	20.02	244	1166129	106.83	ng	0.00

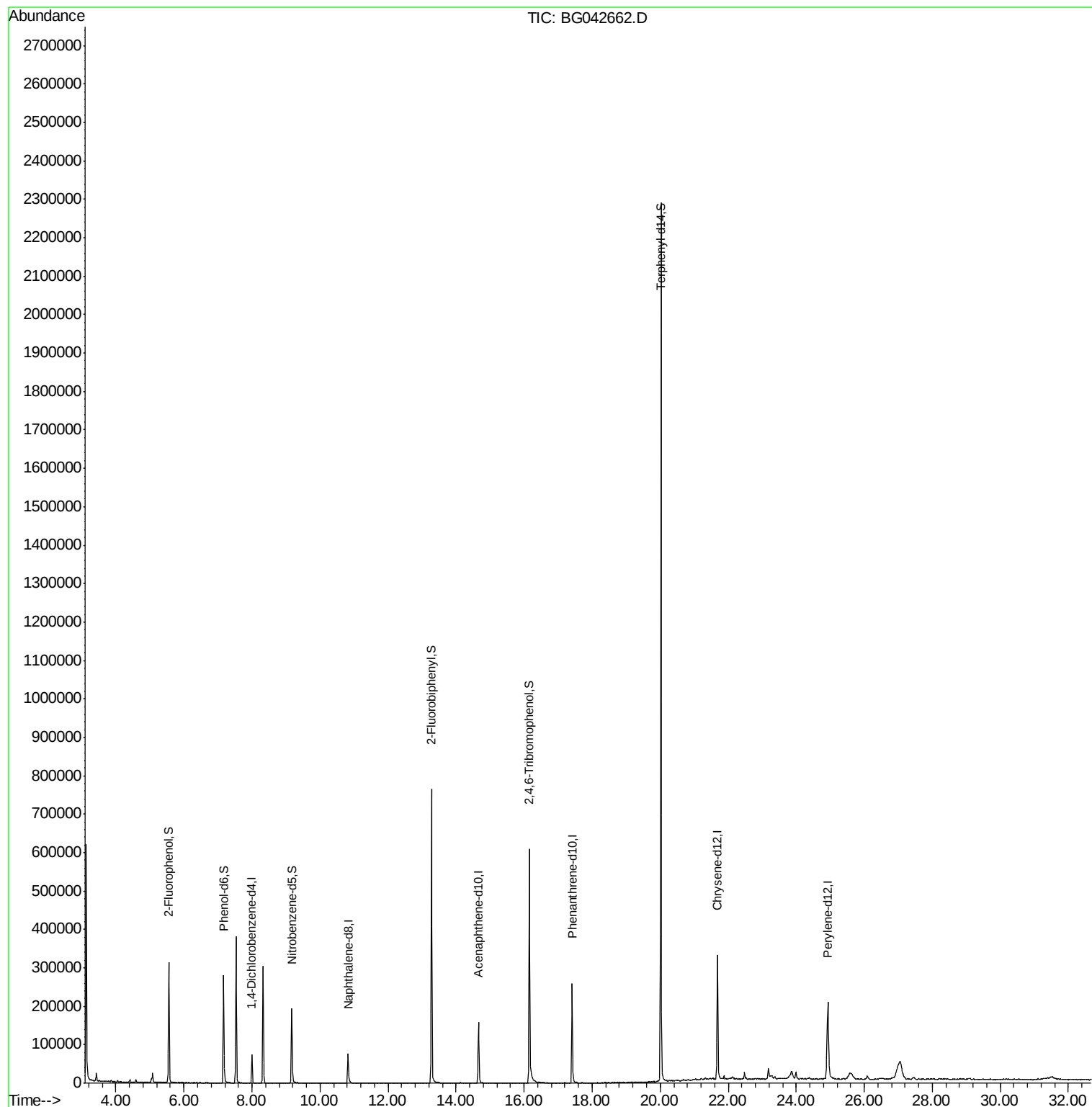
Target Compounds Qvalue

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

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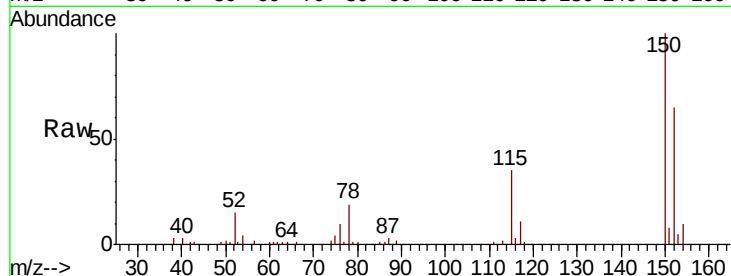


#1

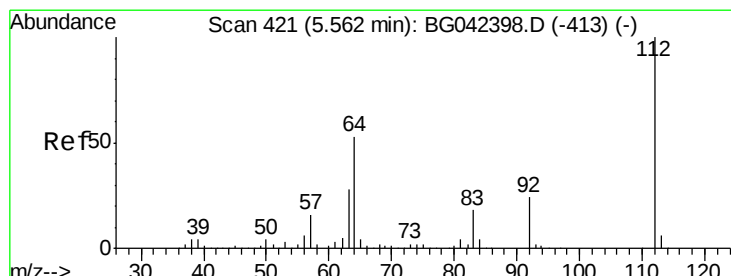
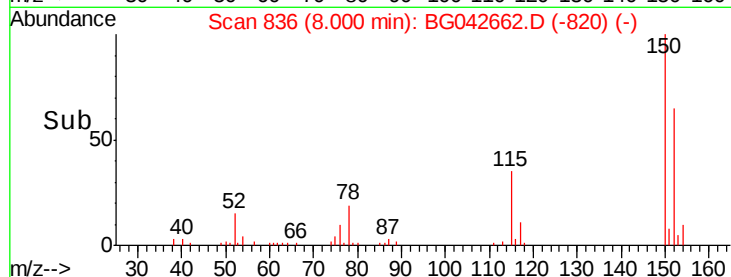
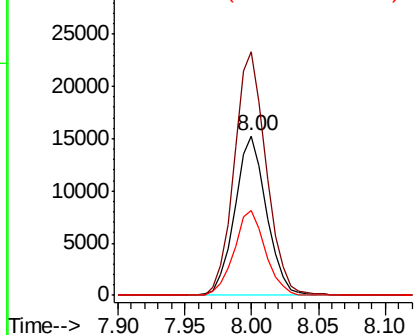
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042662.D
Acq: 1 Sep 2019 13:17

Instrument :
BNA_G
ClientSampleId :
T3-S-F

Tot Ion:152 Resp: 25108
Ion Ratio Lower Upper
152 100
150 153.0 125.4 188.0
115 53.1 38.5 57.7



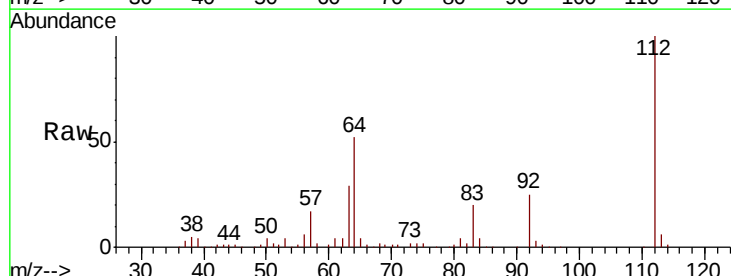
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



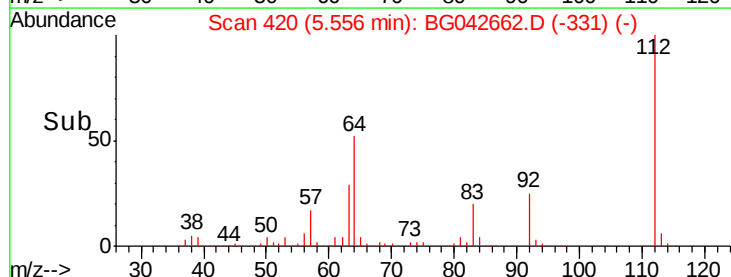
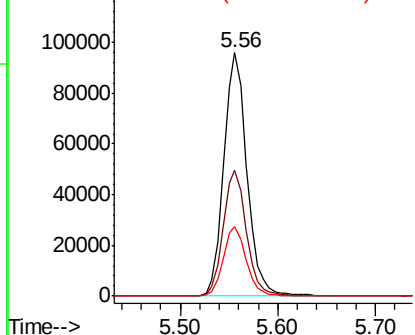
#5

2-Fluorophenol
Concen: 127.274 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042662.D
Acq: 1 Sep 2019 13:17

Tgt Ion:112 Resp: 157785
Ion Ratio Lower Upper
112 100
64 51.8 42.8 64.2
63 28.7 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: 113.833 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042662.D

Acq: 1 Sep 2019 13:17

Instrument :

BNA_G

ClientSampleId :

T3-S-F

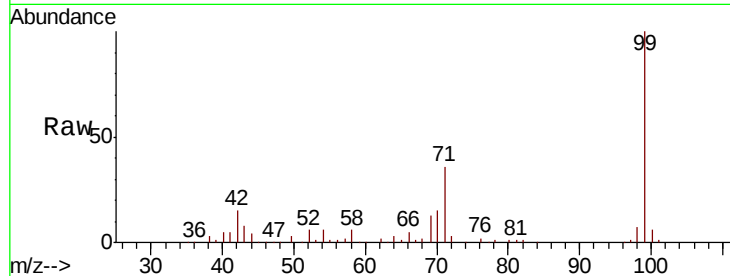
Tot Ion: 99 Resp: 190623

Ion Ratio Lower Upper

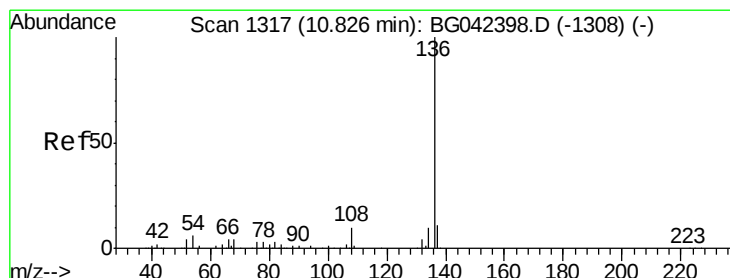
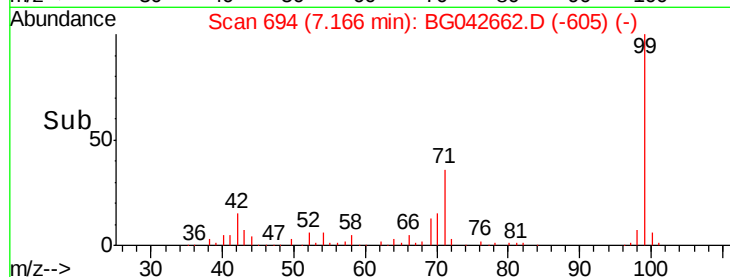
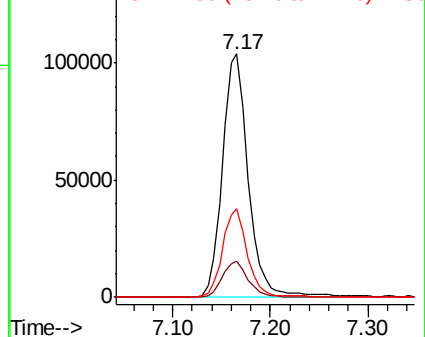
99 100

42 15.1 12.0 18.0

71 36.5 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: BG042662.D

Acq: 1 Sep 2019 13:17

Tgt Ion: 136 Resp: 95053

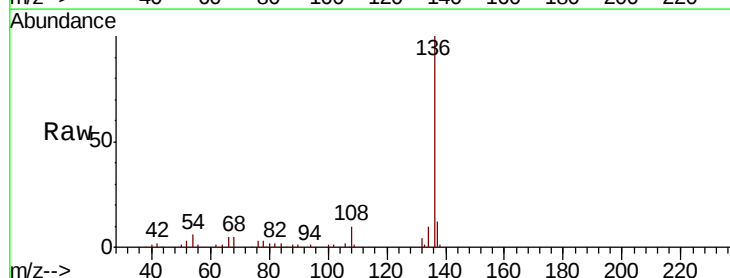
Ion Ratio Lower Upper

136 100

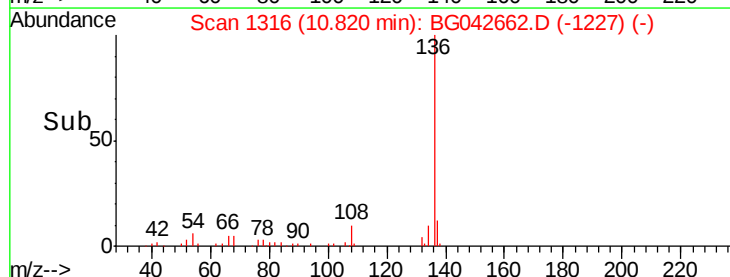
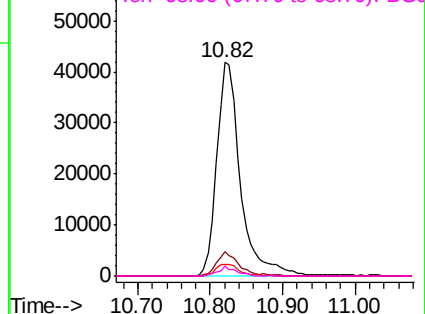
137 11.6 8.7 13.1

54 5.6 4.9 7.3

68 4.5 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

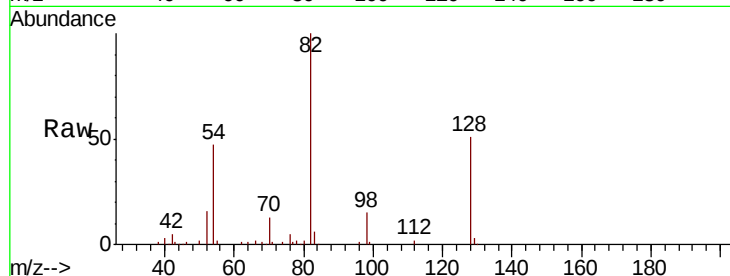




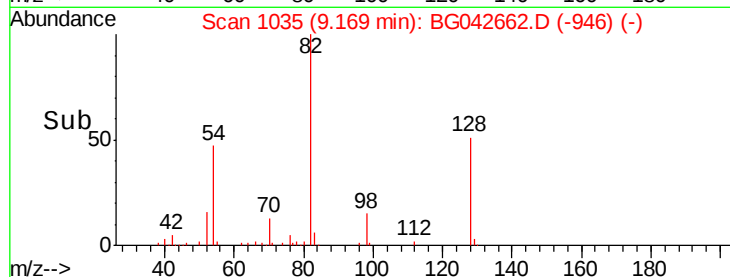
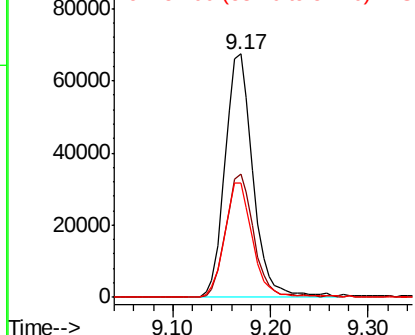
#23
Nitrobenzene-d5
Concen: 97.653 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042662.D
Acq: 1 Sep 2019 13:17

Instrument :
BNA_G
ClientSampled :
T3-S-F

Tot Ion: 82 Resp: 134322
Ion Ratio Lower Upper
82 100
128 50.6 40.7 61.1
54 46.8 36.3 54.5

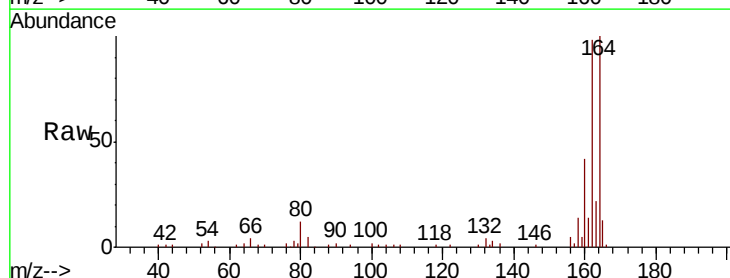


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

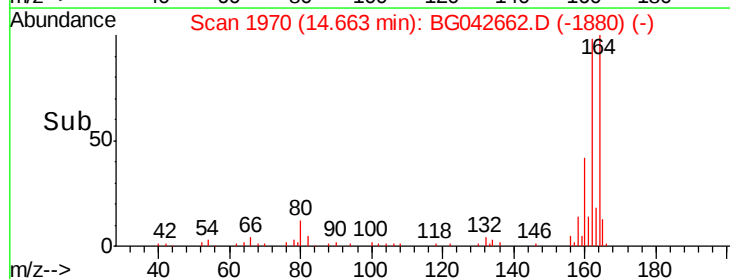
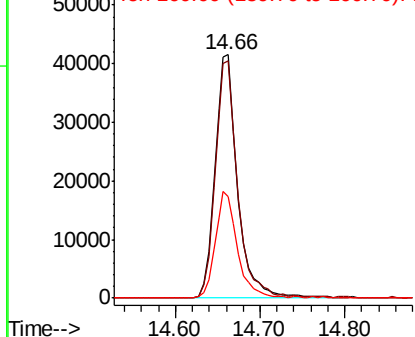


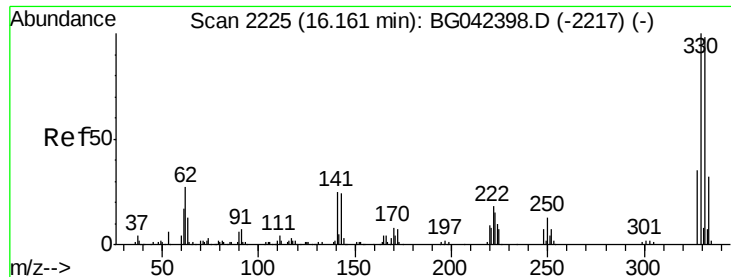
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042662.D
Acq: 1 Sep 2019 13:17

Tgt Ion:164 Resp: 77453
Ion Ratio Lower Upper
164 100
162 97.6 79.9 119.9
160 41.5 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

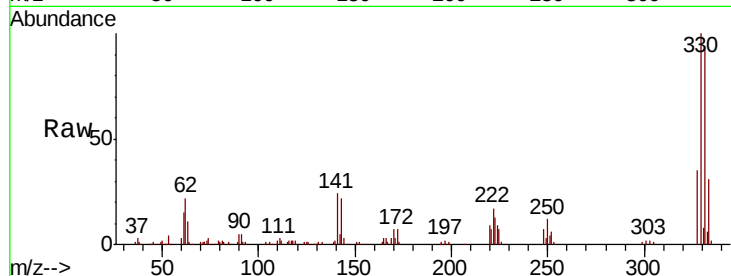




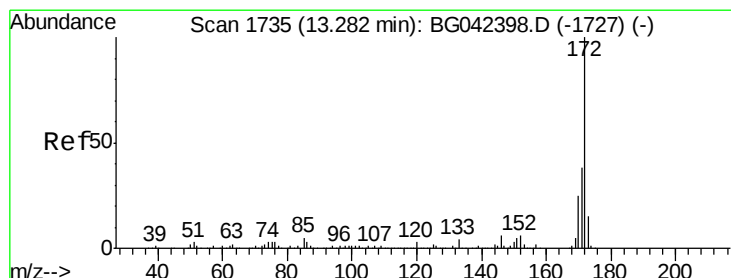
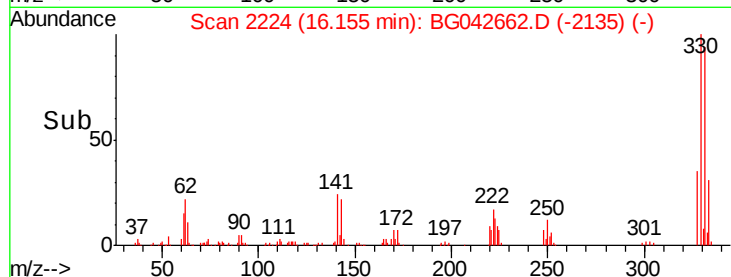
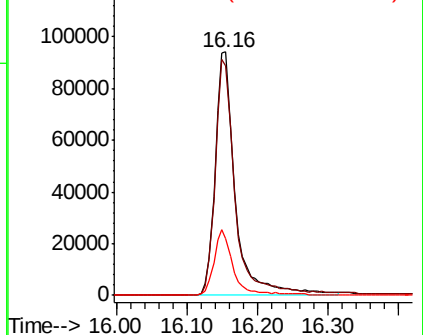
#42
 2,4,6-Tribromophenol
 Concen: 170.455 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042662.D
 Acq: 1 Sep 2019 13:17

Instrument :
 BNA_G
 ClientSampleId :
 T3-S-F

Tot Ion:330 Resp: 187648
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.0
 141 25.7 21.4 32.0

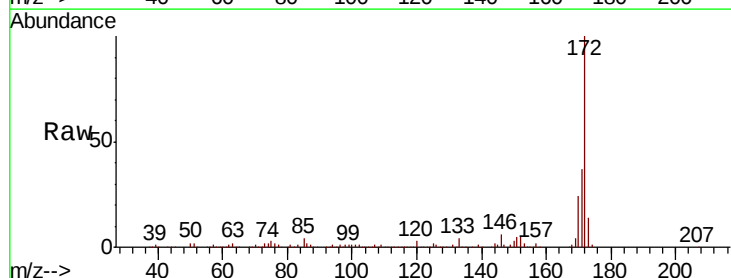


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

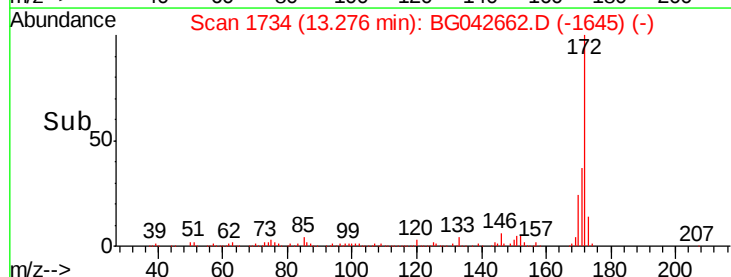
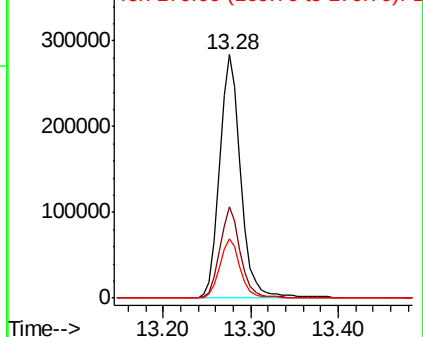


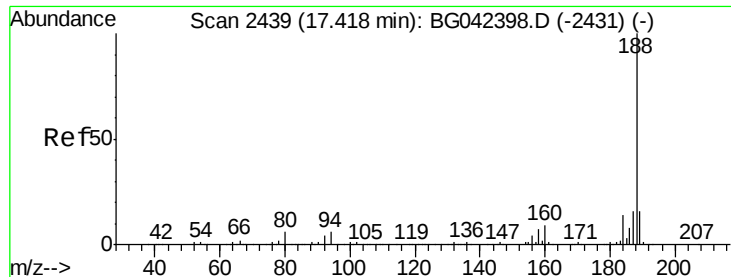
#45
 2-Fluorobiphenyl
 Concen: 104.306 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042662.D
 Acq: 1 Sep 2019 13:17

Tgt Ion:172 Resp: 477672
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.5 45.7
 170 24.2 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: BG042662.D

Acq: 1 Sep 2019 13:17

Instrument :

BNA_G

ClientSampleId :

T3-S-F

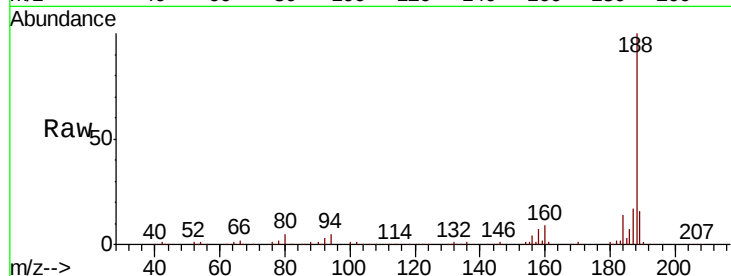
Tot Ion:188 Resp: 203182

Ion Ratio Lower Upper

188 100

94 4.8 4.5 6.7

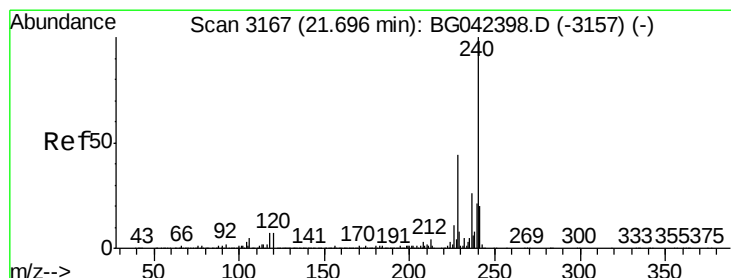
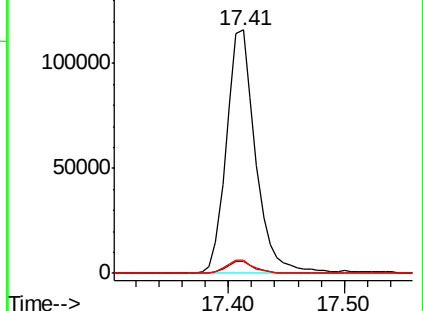
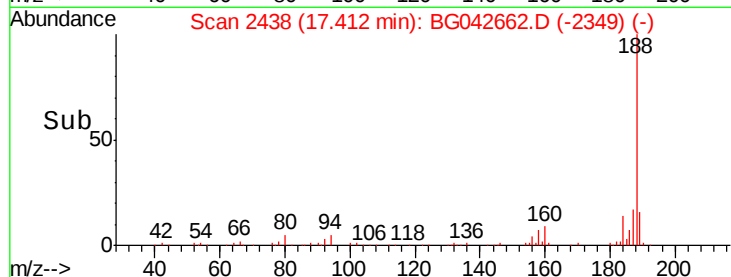
80 5.3 4.9 7.3



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: BG042662.D

Acq: 1 Sep 2019 13:17

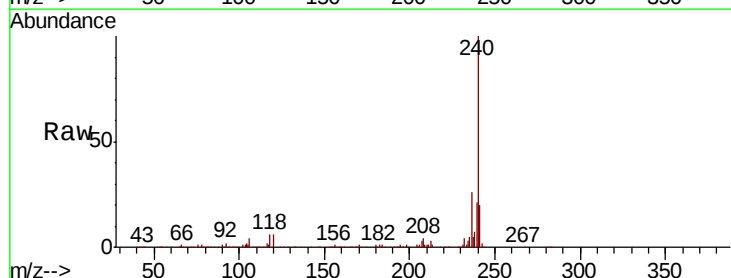
Tgt Ion:240 Resp: 235984

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

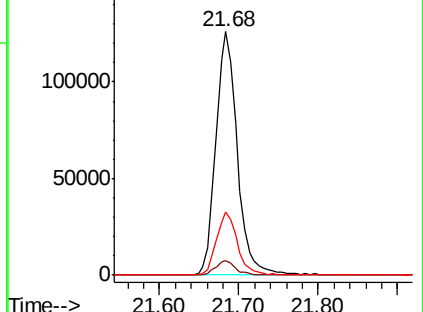
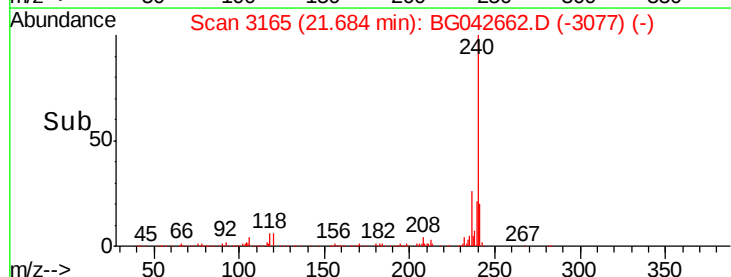
236 25.8 21.0 31.4



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: 106.833 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042662.D

Acq: 1 Sep 2019 13:17

Instrument :

BNA_G

ClientSampleId :

T3-S-F

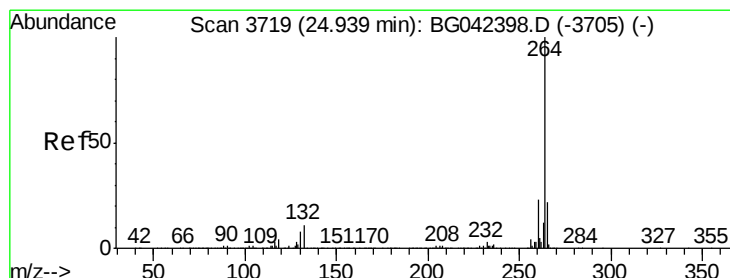
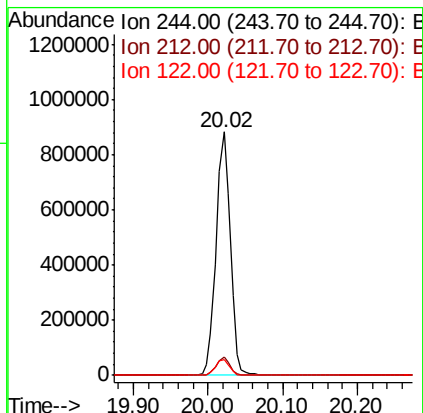
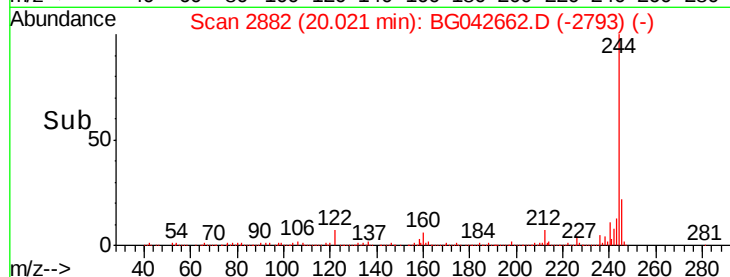
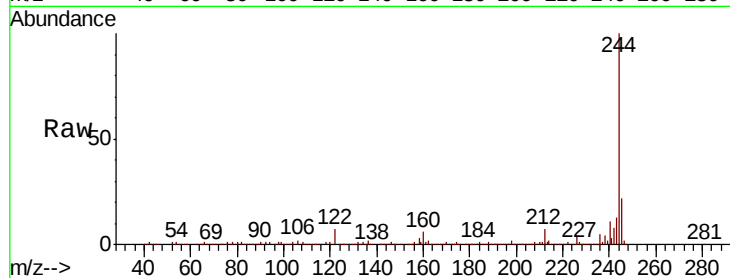
Tot Ion:244 Resp: 1166129

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 6.7 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: BG042662.D

Acq: 1 Sep 2019 13:17

Tgt Ion:264 Resp: 271295

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 22.0 17.6 26.4

