

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046675.D
 Acq On : 18 Sep 2020 18:47
 Operator : CG/JU
 Sample : L3871-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-091720

Quant Time: Sep 19 00:43:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	74269	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	304017	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	208506	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	443950	20.00	ng	0.00
76) Chrysene-d12	21.54	240	415595	20.00	ng	0.00
86) Perylene-d12	24.64	264	406638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	509359	121.47	ng	0.00
7) Phenol-d6	7.10	99	626794	105.45	ng	0.00
23) Nitrobenzene-d5	9.08	82	490850	92.28	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	271477	96.09	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1242368	90.96	ng	0.00
79) Terphenyl-d14	19.91	244	1642992	84.13	ng	0.00

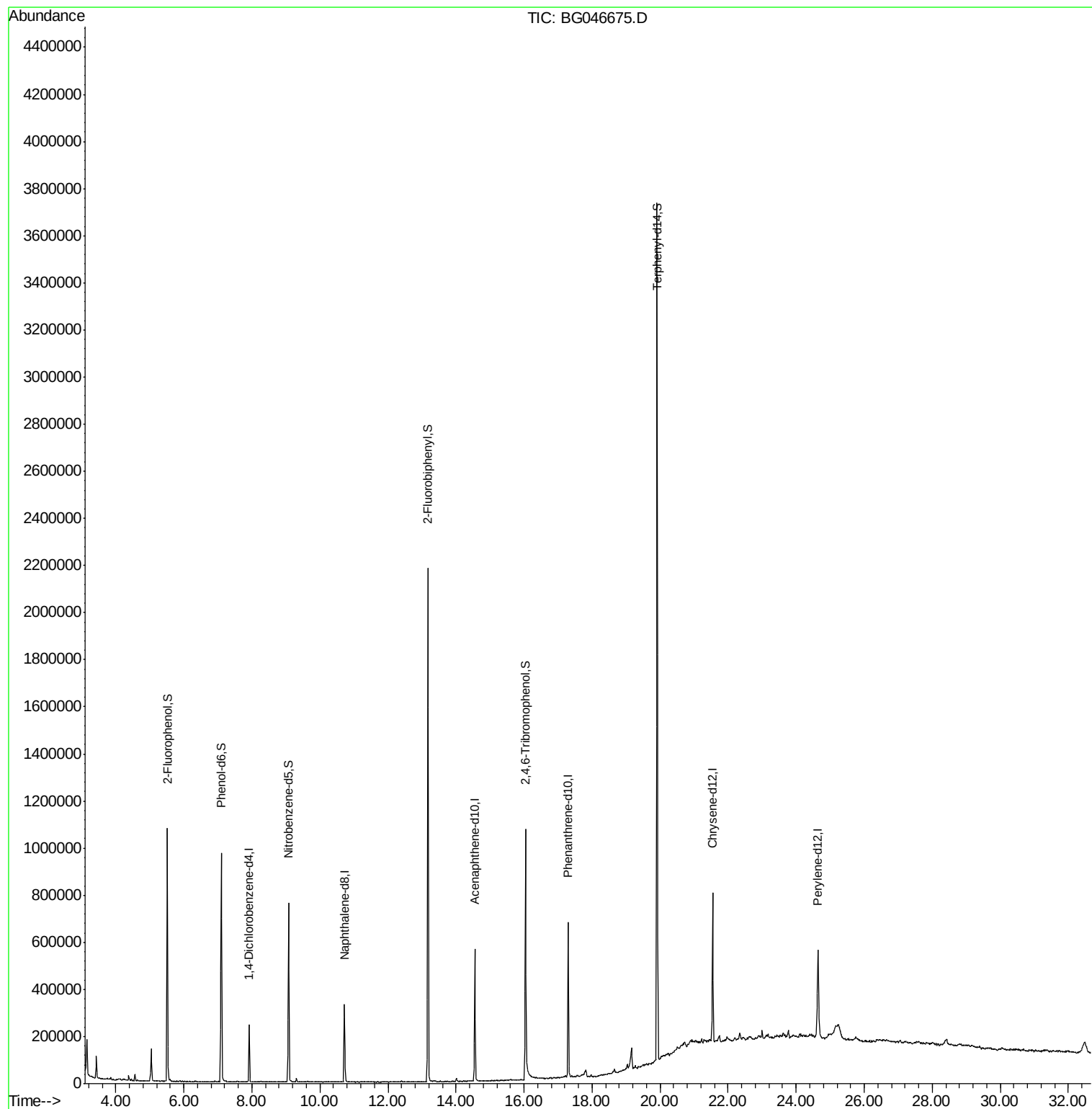
Target Compounds Qvalue

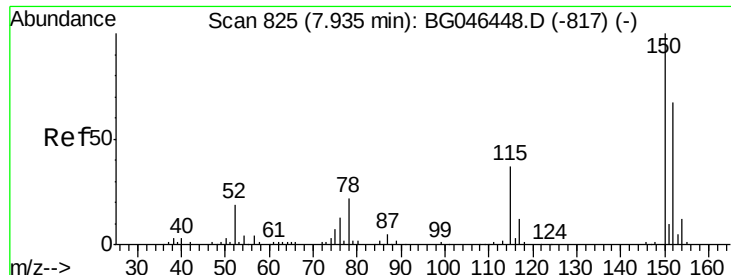
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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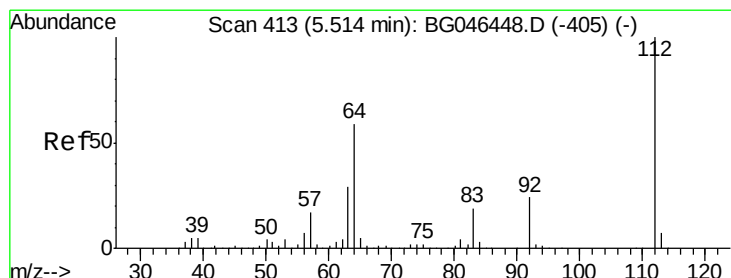
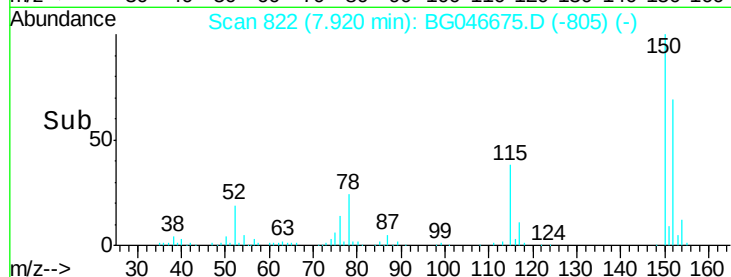
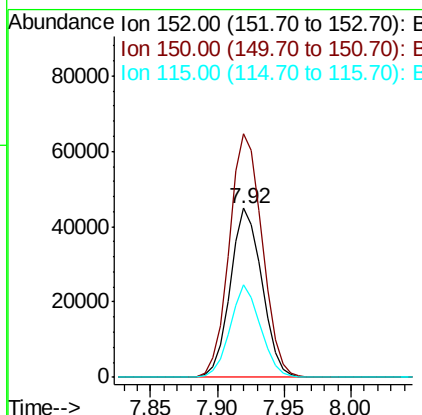
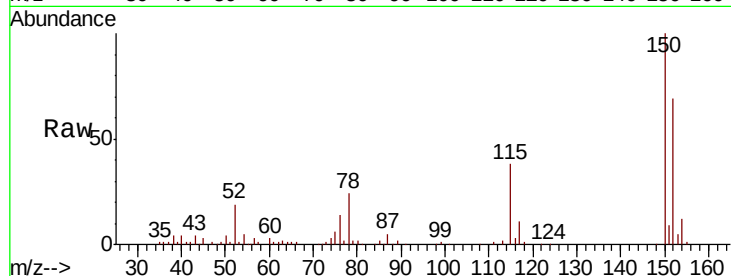




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG046675.D
 Acq: 18 Sep 2020 18:47

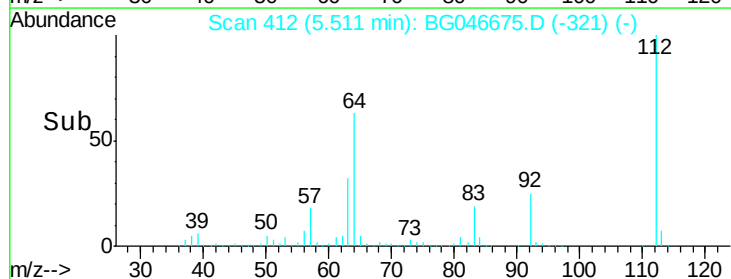
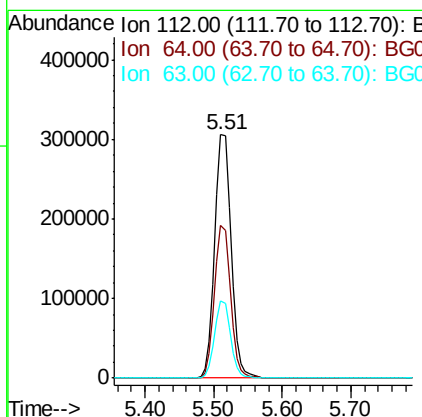
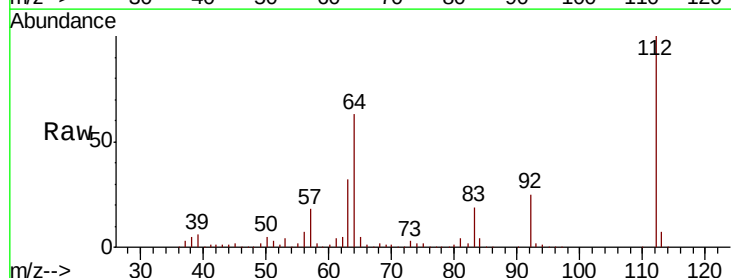
Instrument :
 BNA_G
 ClientSampleId :
 TR-08-091720

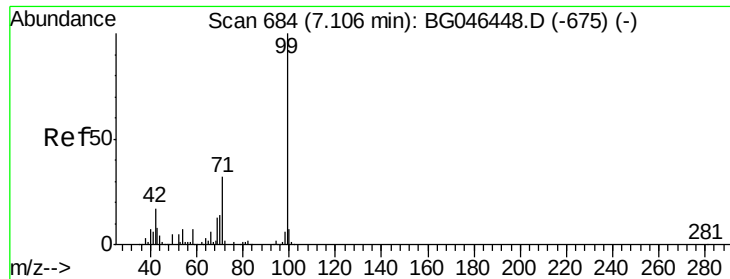
Tot Ion:152 Resp: 74269
 Ion Ratio Lower Upper
 152 100
 150 144.2 125.0 187.6
 115 54.6 41.8 62.6



#5
 2-Fluorophenol
 Concen: 121.473 ng
 RT: 5.51 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: BG046675.D
 Acq: 18 Sep 2020 18:47

Tgt Ion:112 Resp: 509359
 Ion Ratio Lower Upper
 112 100
 64 62.9 46.7 70.1
 63 31.6 22.8 34.2





#7

Phenol-d6

Concen: 105.445 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046675.D

Acq: 18 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-091720

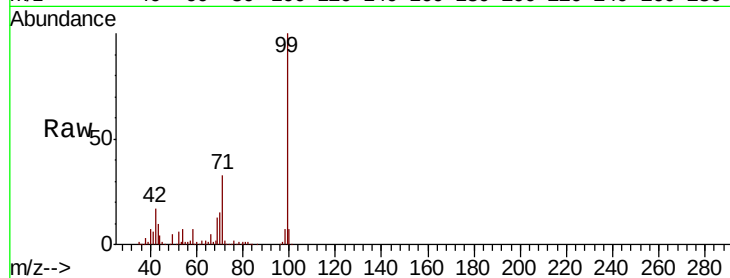
Tot Ion: 99 Resp: 626794

Ion Ratio Lower Upper

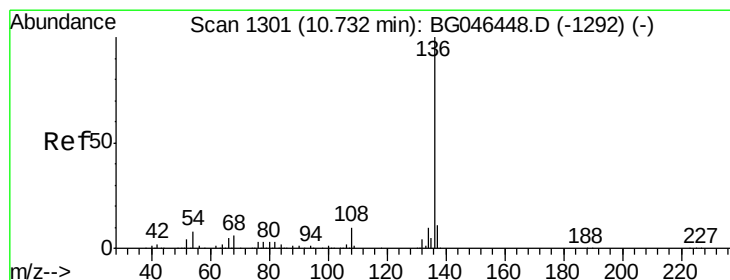
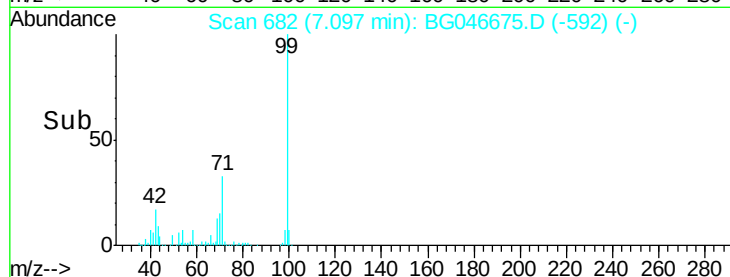
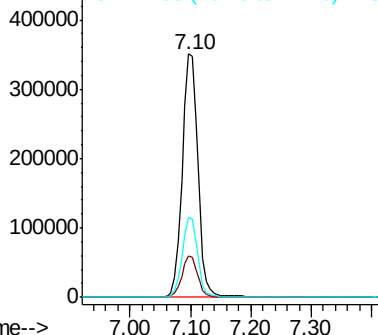
99 100

42 17.2 12.8 19.2

71 32.7 24.6 36.8



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: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG046675.D

Acq: 18 Sep 2020 18:47

Tgt Ion: 136 Resp: 304017

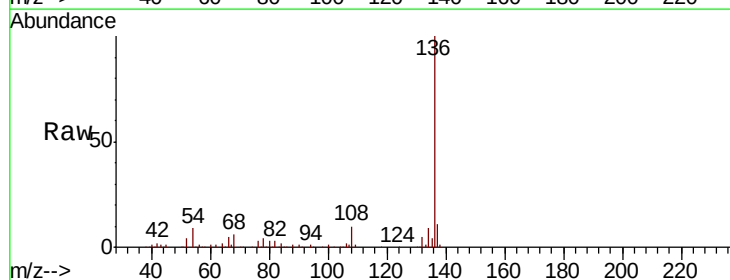
Ion Ratio Lower Upper

136 100

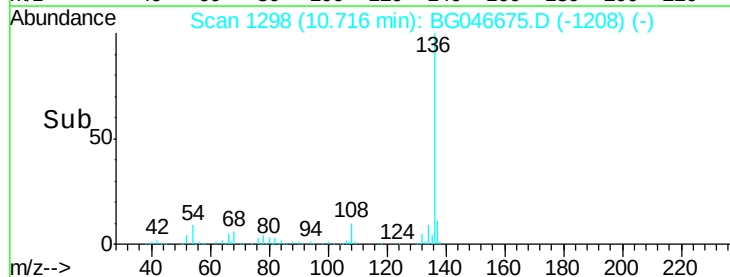
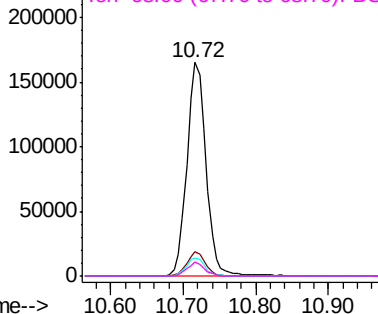
137 11.3 9.1 13.7

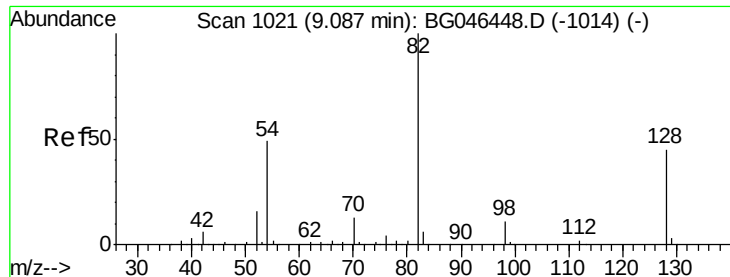
54 8.6 6.2 9.4

68 6.5 5.0 7.4



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

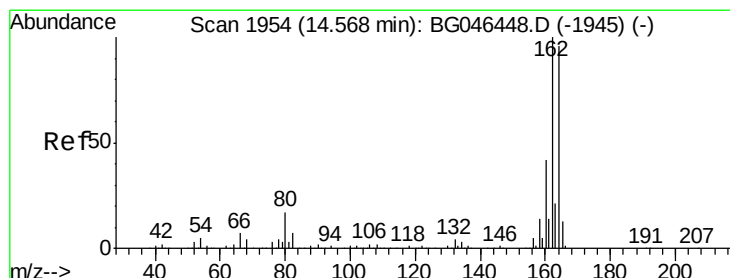
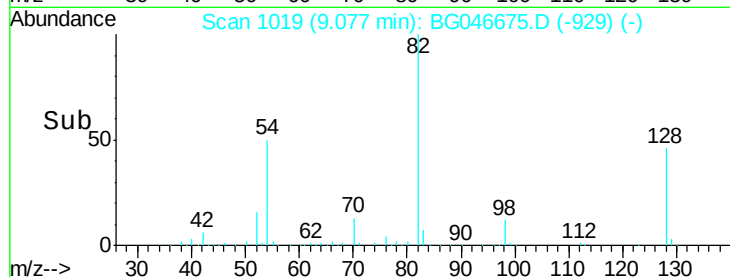
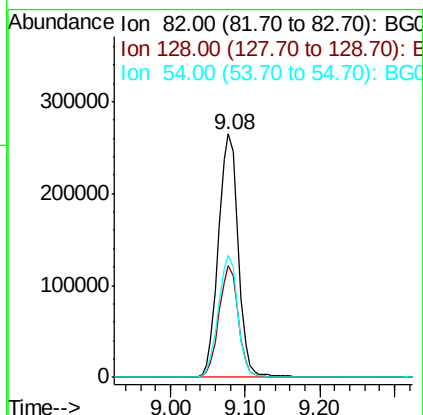
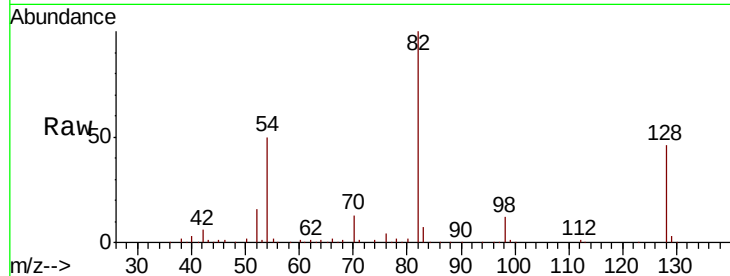




#23
Nitrobenzene-d5
Concen: 92.280 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG046675.D
Acq: 18 Sep 2020 18:47

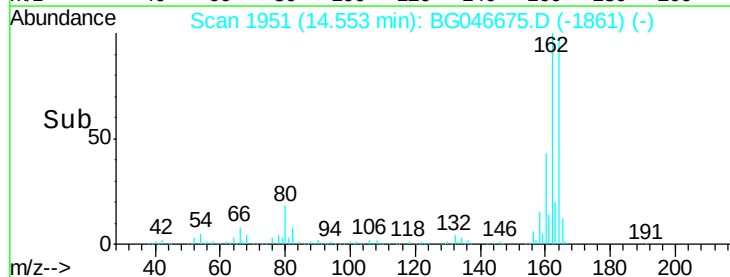
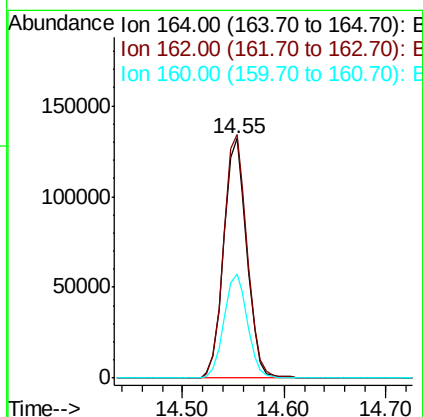
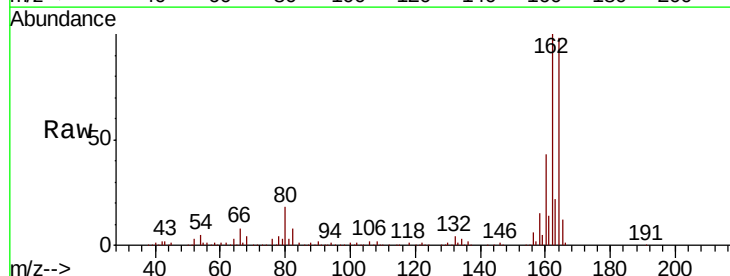
Instrument :
BNA_G
ClientSampleId :
TR-08-091720

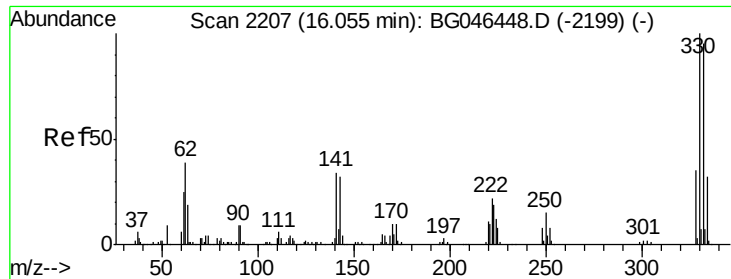
Tot Ion: 82 Resp: 490850
Ion Ratio Lower Upper
82 100
128 46.0 37.0 55.6
54 50.0 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG046675.D
Acq: 18 Sep 2020 18:47

Tgt Ion:164 Resp: 208506
Ion Ratio Lower Upper
164 100
162 101.6 82.3 123.5
160 43.5 35.3 52.9

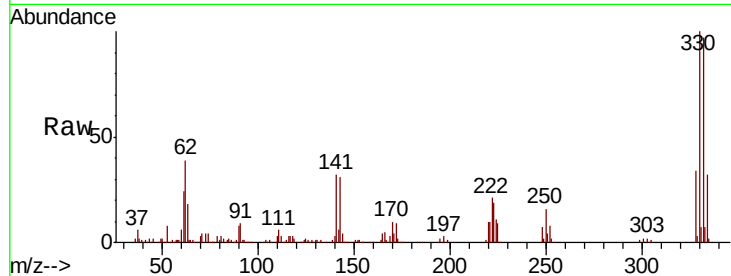




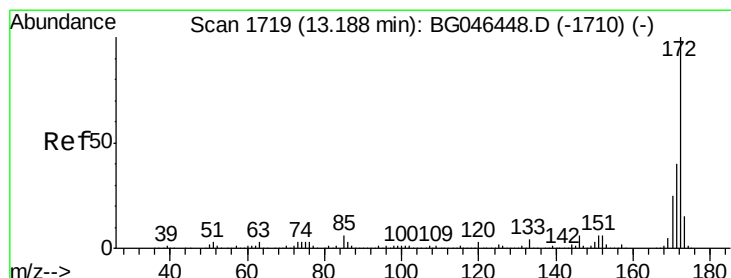
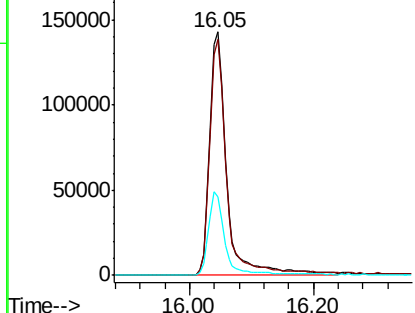
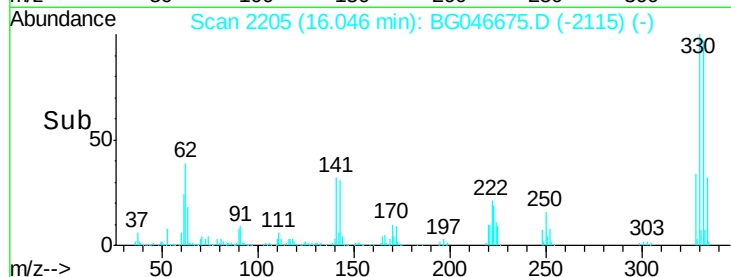
#42
 2,4,6-Tribromophenol
 Concen: 96.094 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BG046675.D
 Acq: 18 Sep 2020 18:47

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-091720

Tot Ion:330 Resp: 271477
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.5 114.7
 141 32.7 26.0 39.0

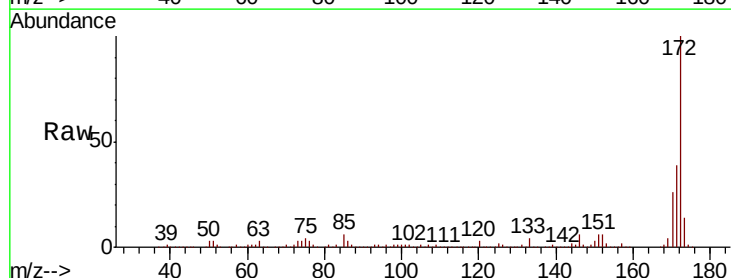


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

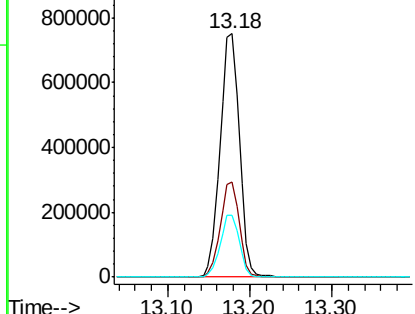
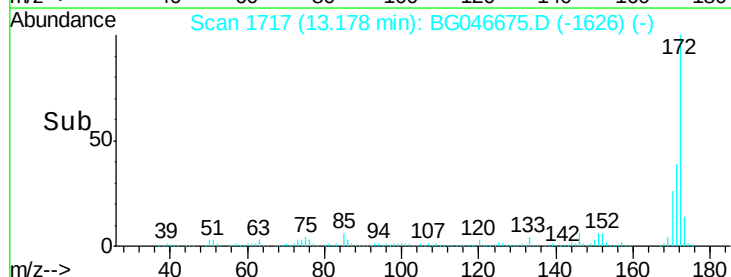


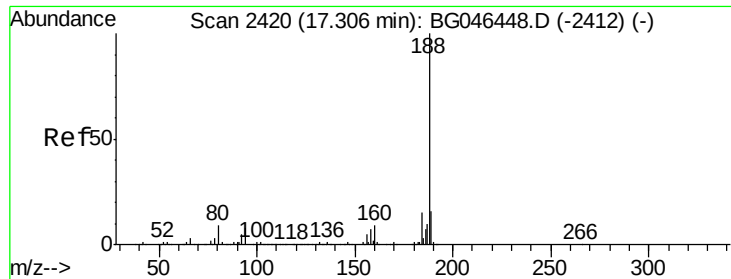
#45
 2-Fluorobiphenyl
 Concen: 90.959 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG046675.D
 Acq: 18 Sep 2020 18:47

Tgt Ion:172 Resp: 1242368
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.3 46.9
 170 25.6 20.8 31.2



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: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG046675.D

Acq: 18 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-091720

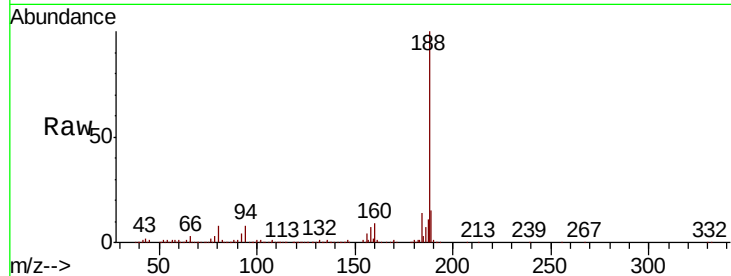
Tot Ion:188 Resp: 443950

Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

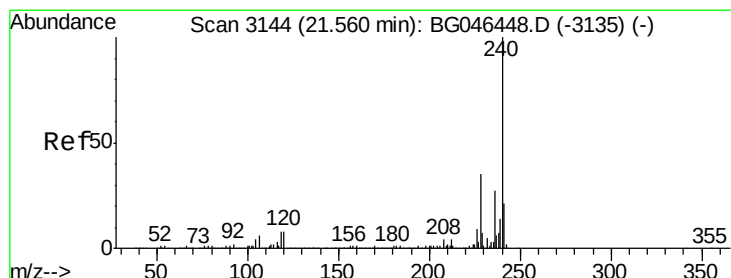
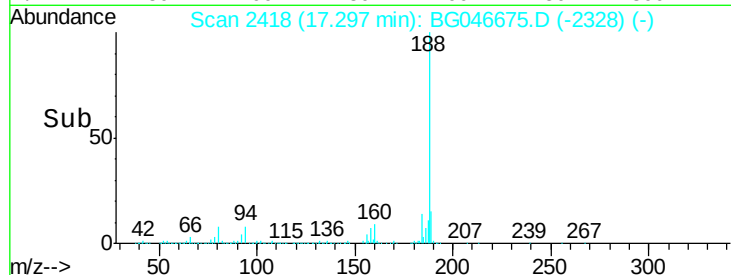
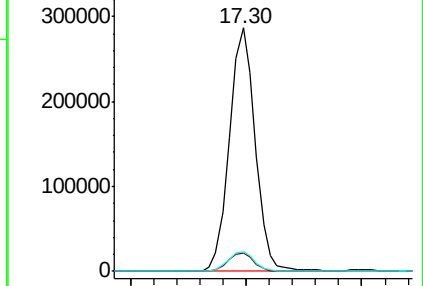
80 7.9 7.0 10.6



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: 21.54 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG046675.D

Acq: 18 Sep 2020 18:47

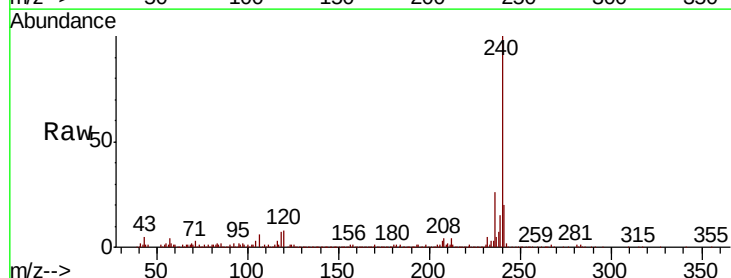
Tgt Ion:240 Resp: 415595

Ion Ratio Lower Upper

240 100

120 8.0 6.2 9.4

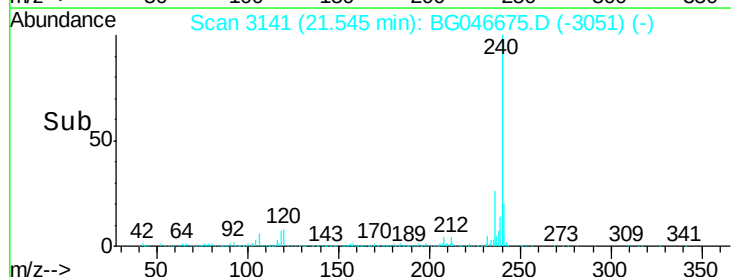
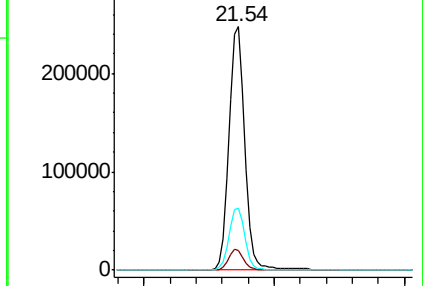
236 25.6 20.5 30.7

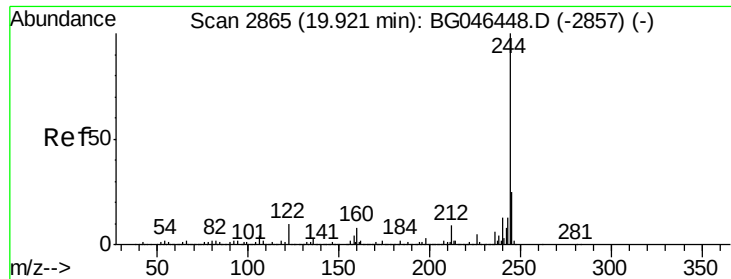


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.134 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046675.D

Acq: 18 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-091720

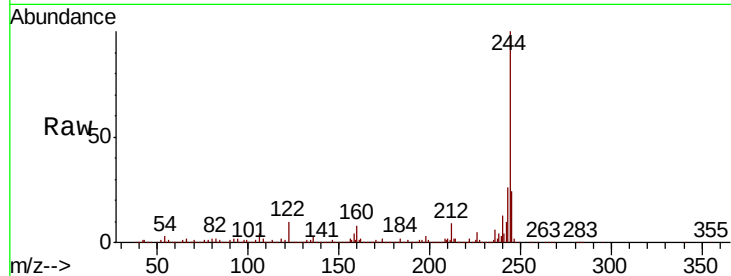
Tot Ion:244 Resp: 1642992

Ion Ratio Lower Upper

244 100

212 8.8 6.7 10.1

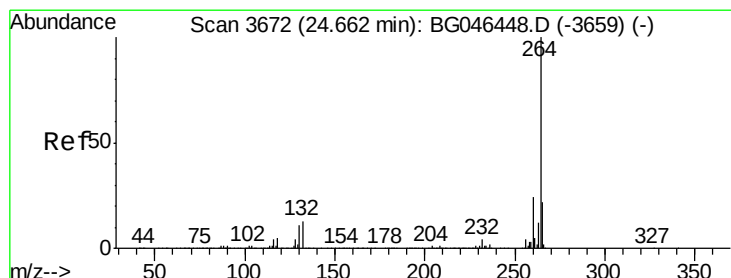
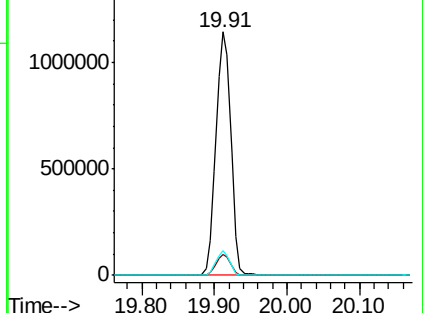
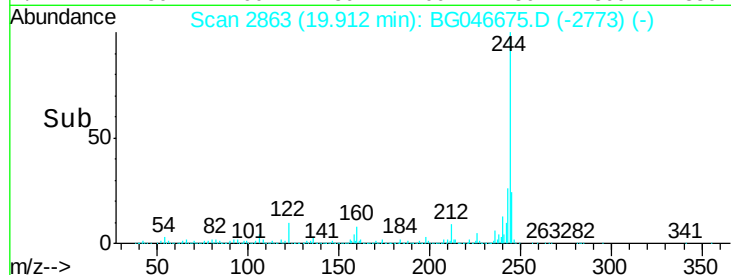
122 10.1 7.8 11.6



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG046675.D

Acq: 18 Sep 2020 18:47

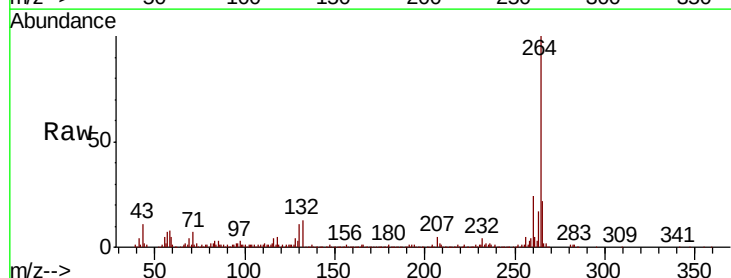
Tgt Ion:264 Resp: 406638

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.6 17.8 26.8



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

