

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046673.D
 Acq On : 18 Sep 2020 17:26
 Operator : CG/JU
 Sample : L3870-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-091720

Quant Time: Sep 18 19:11:41 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	7.93	152	72161	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	294931	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	201801	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	424402	20.00	ng	0.00
76) Chrysene-d12	21.55	240	389471	20.00	ng	0.00
86) Perylene-d12	24.64	264	387333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	443316	108.81	ng	0.01
7) Phenol-d6	7.10	99	537136	93.00	ng	0.00
23) Nitrobenzene-d5	9.08	82	450099	87.23	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	268678	98.26	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1154918	87.37	ng	0.00
79) Terphenyl-d14	19.91	244	1514580	82.76	ng	0.00

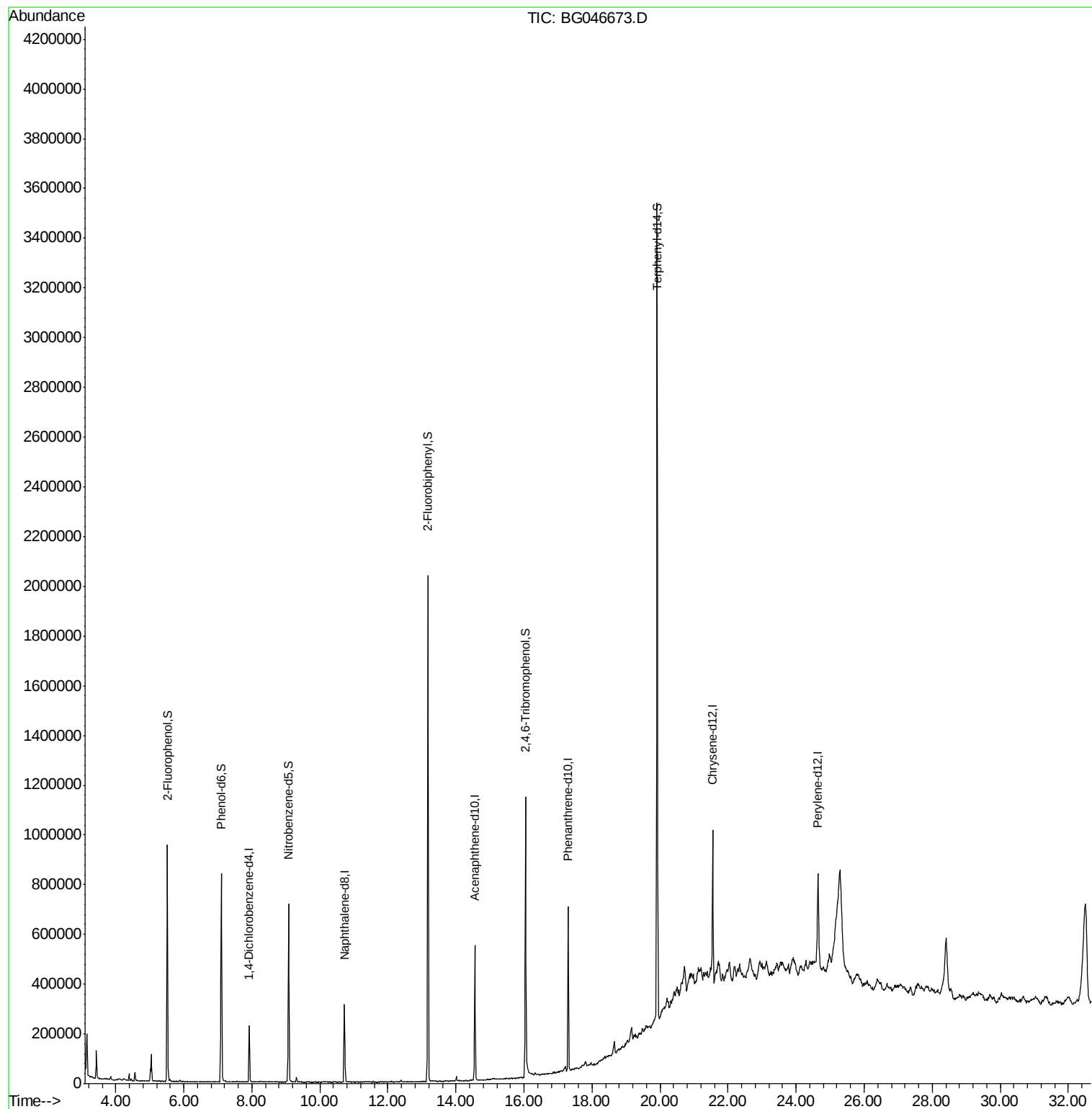
Target Compounds Qvalue

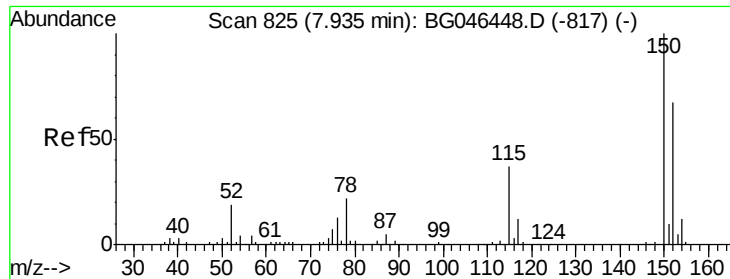
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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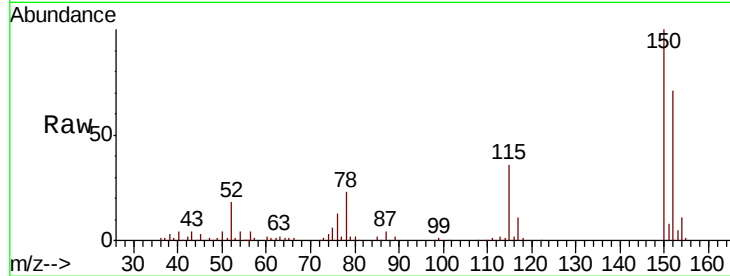


#1

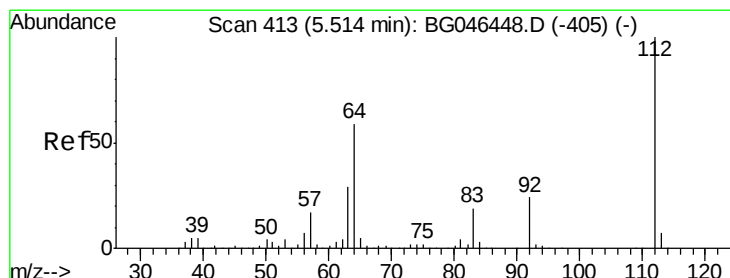
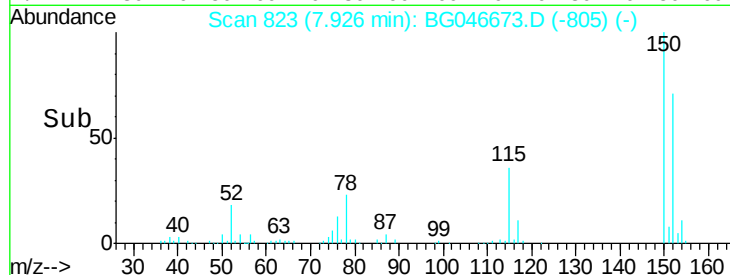
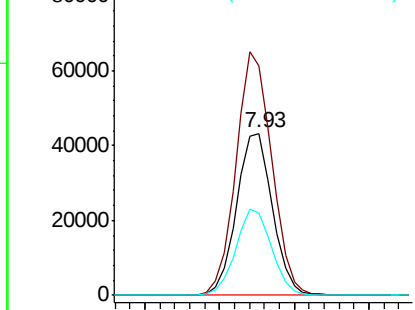
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. 0.01 min
Lab File: BG046673.D
Acq: 18 Sep 2020 17:26

Instrument :
BNA_G
ClientSampleId :
SU-02-091720

Tot Ion:152 Resp: 72161
Ion Ratio Lower Upper
152 100
150 141.5 125.0 187.6
115 50.4 41.8 62.6



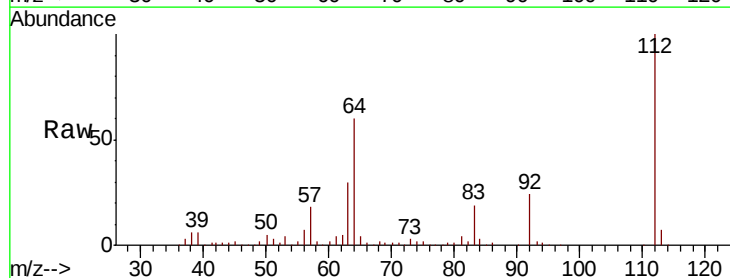
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



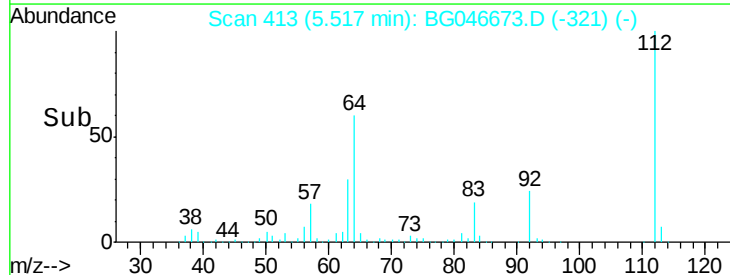
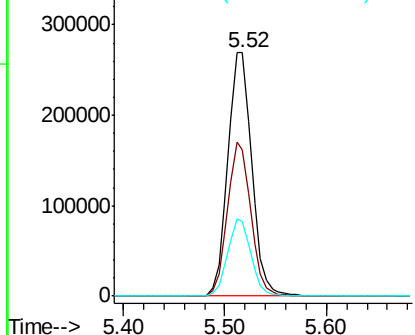
#5

2-Fluorophenol
Concen: 108.812 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.01 min
Lab File: BG046673.D
Acq: 18 Sep 2020 17:26

Tgt Ion:112 Resp: 443316
Ion Ratio Lower Upper
112 100
64 60.3 46.7 70.1
63 30.4 22.8 34.2



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: 93.002 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046673.D

Acq: 18 Sep 2020 17:26

Instrument :

BNA_G

ClientSampleId :

SU-02-091720

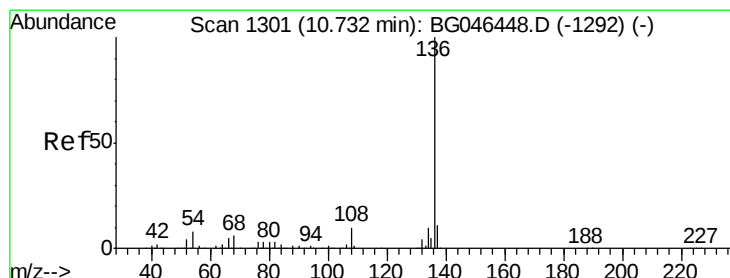
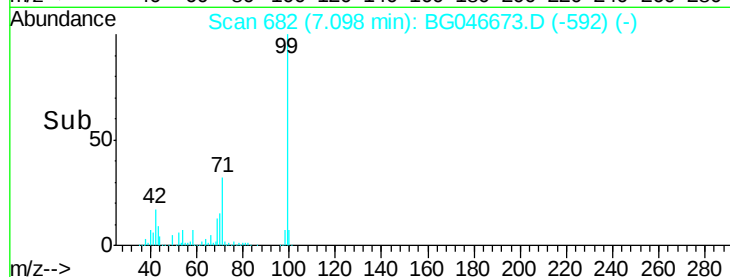
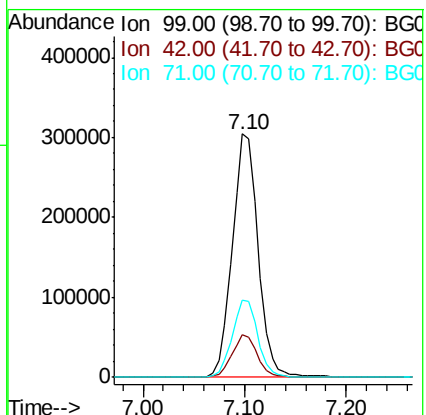
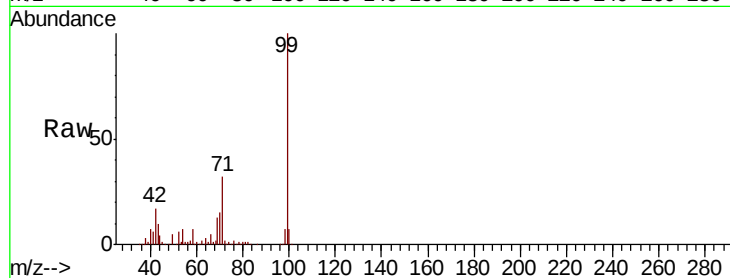
Tot Ion: 99 Resp: 537136

Ion Ratio Lower Upper

99 100

42 17.4 12.8 19.2

71 31.9 24.6 36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG046673.D

Acq: 18 Sep 2020 17:26

Tgt Ion: 136 Resp: 294931

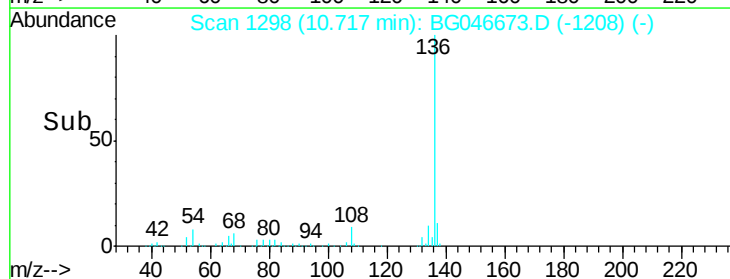
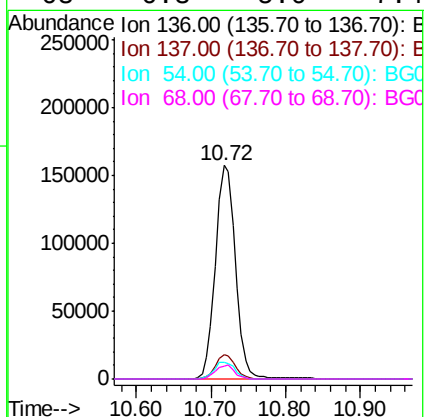
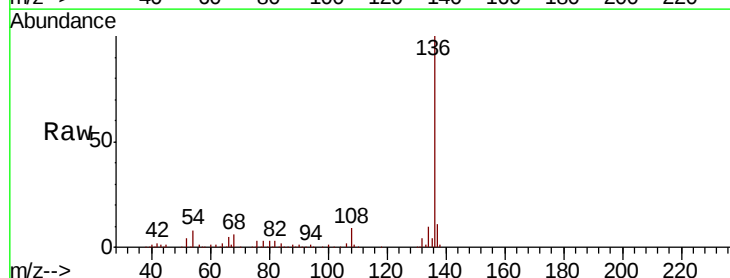
Ion Ratio Lower Upper

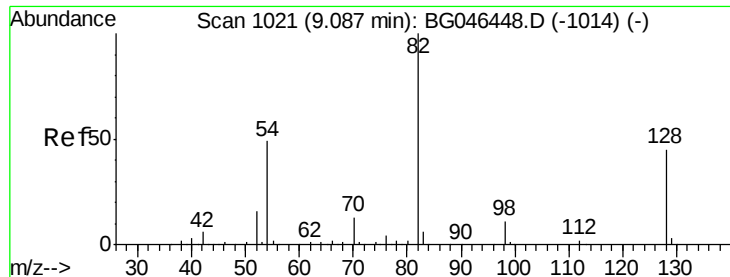
136 100

137 11.4 9.1 13.7

54 7.8 6.2 9.4

68 6.3 5.0 7.4

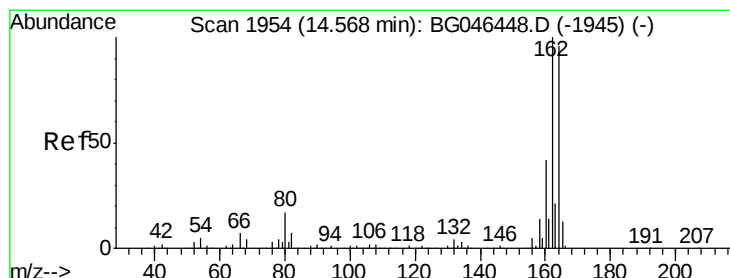
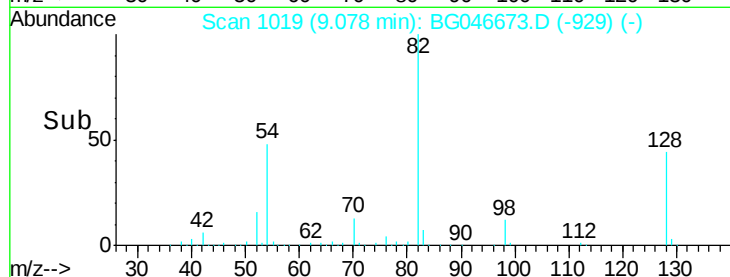
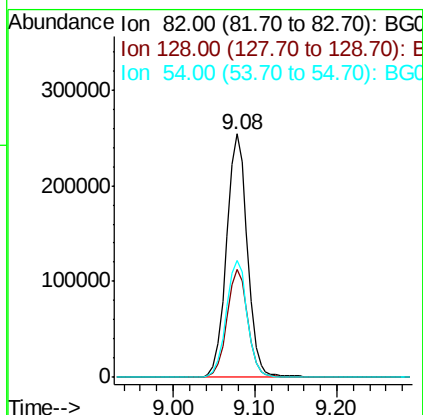
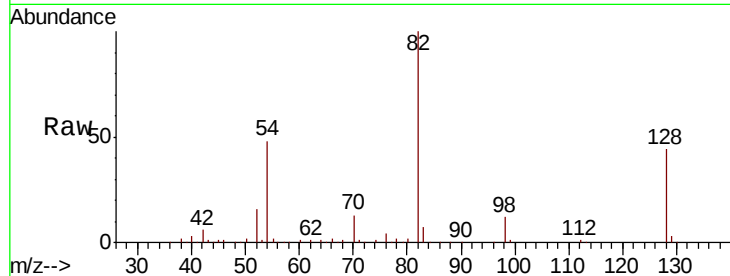




#23
Nitrobenzene-d5
Concen: 87.225 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG046673.D
Acq: 18 Sep 2020 17:26

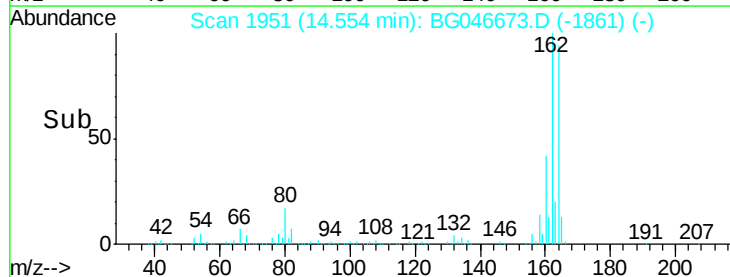
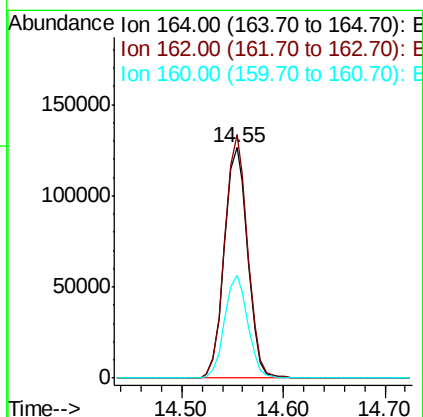
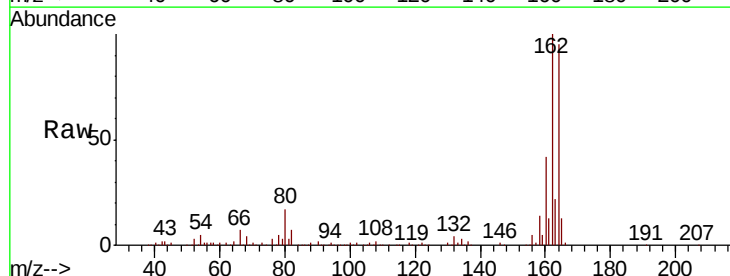
Instrument :
BNA_G
ClientSampleId :
SU-02-091720

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.0	55.6
54	48.3	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: BG046673.D
Acq: 18 Sep 2020 17:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.3	123.5
160	44.6	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 98.263 ng

RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG046673.D

Acq: 18 Sep 2020 17:26

Instrument :

BNA_G

ClientSampleId :

SU-02-091720

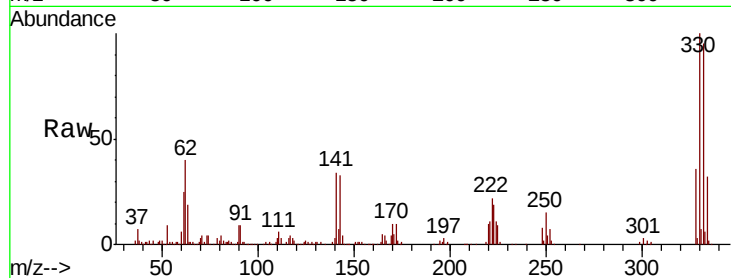
Tot Ion:330 Resp: 268678

Ion Ratio Lower Upper

330 100

332 95.6 76.5 114.7

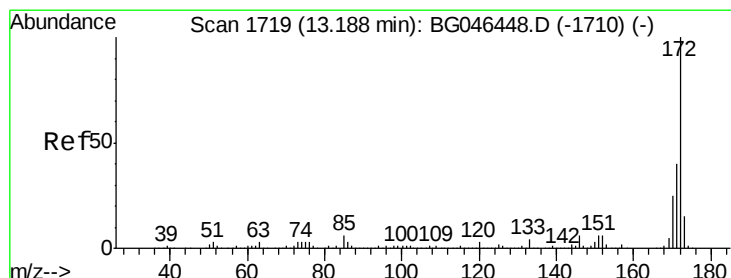
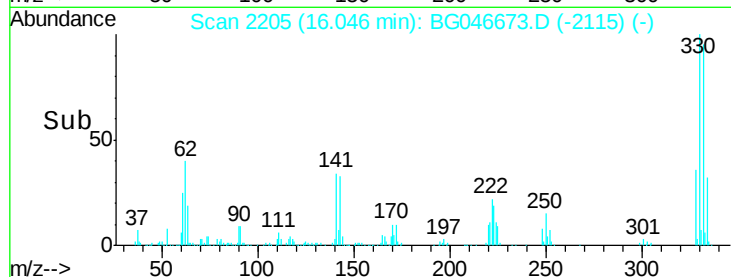
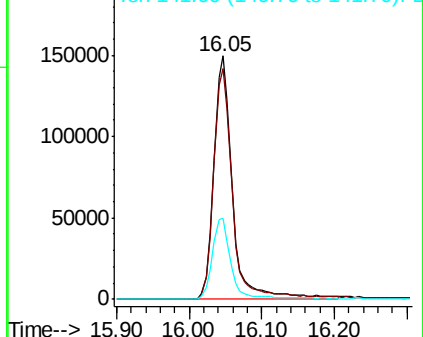
141 32.9 26.0 39.0



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: 87.366 ng

RT: 13.18 min Scan# 1717

Delta R.T. 0.01 min

Lab File: BG046673.D

Acq: 18 Sep 2020 17:26

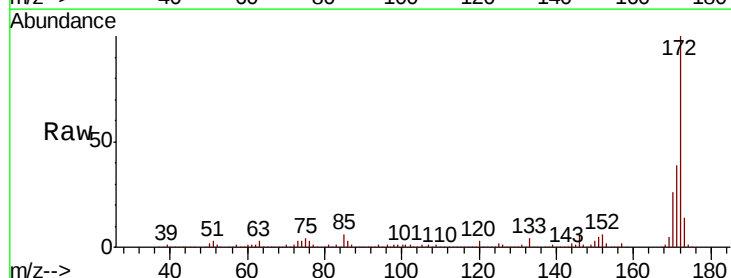
Tgt Ion:172 Resp: 1154918

Ion Ratio Lower Upper

172 100

171 38.7 31.3 46.9

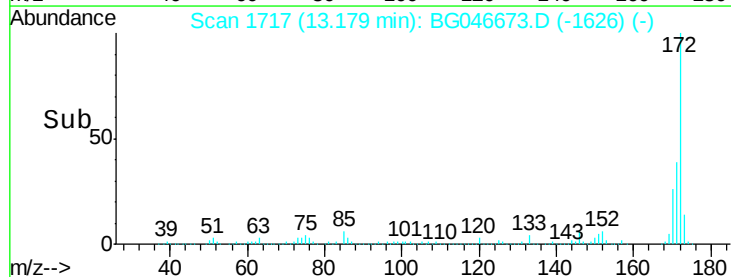
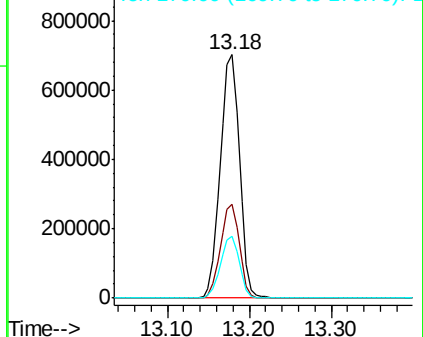
170 25.6 20.8 31.2

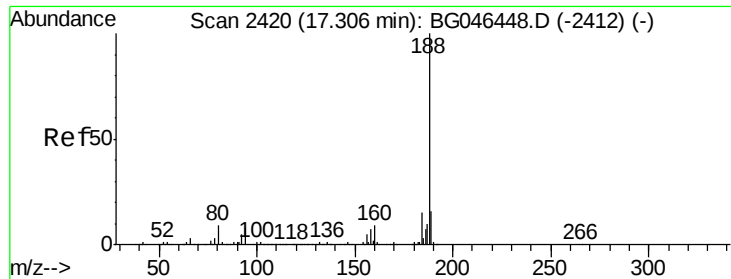


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

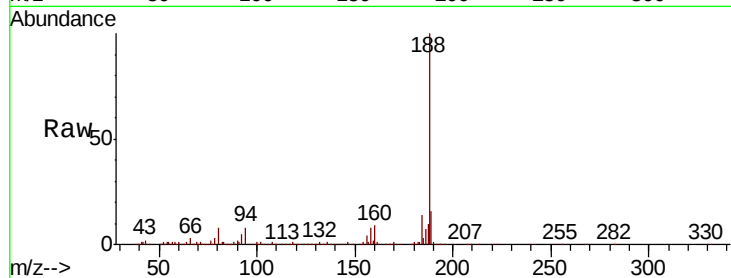




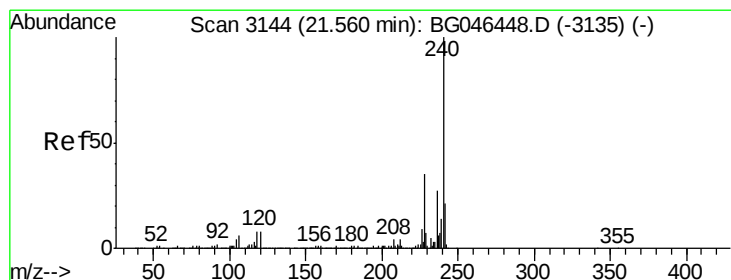
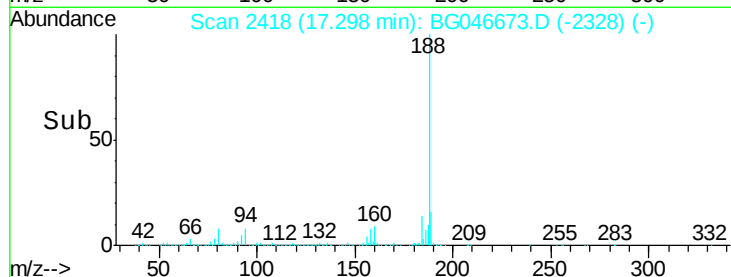
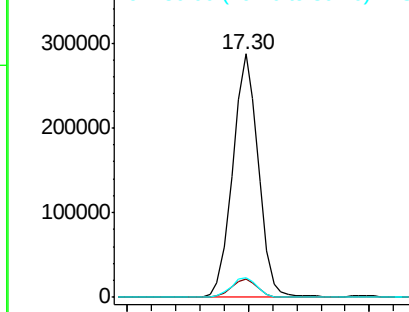
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG046673.D
Acq: 18 Sep 2020 17:26

Instrument :
BNA_G
ClientSampleId :
SU-02-091720

Tot Ion:188 Resp: 424402
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 8.1 7.0 10.6

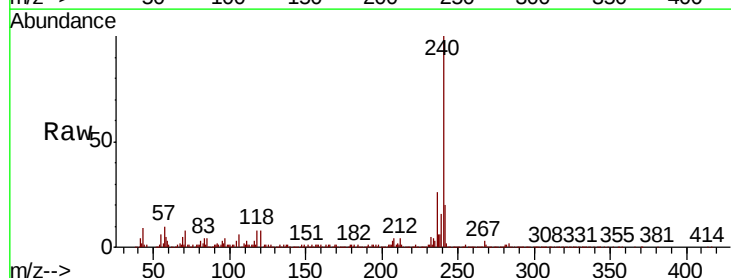


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

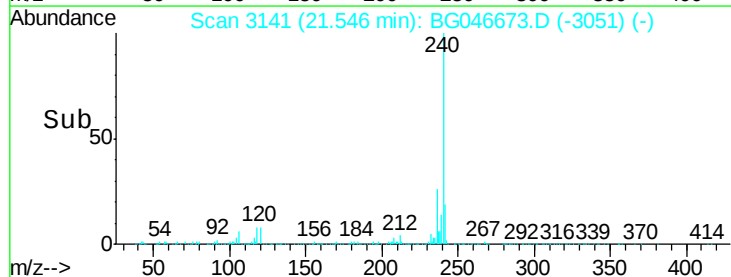
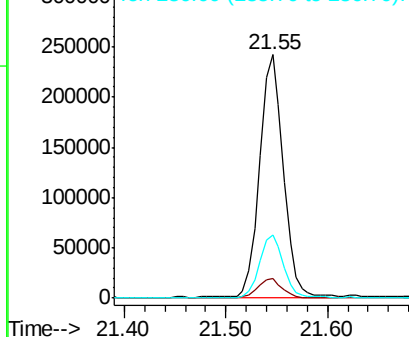


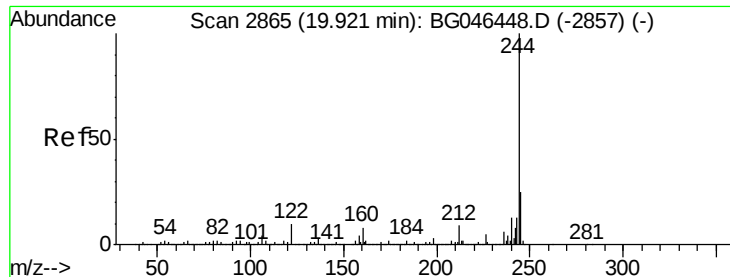
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046673.D
Acq: 18 Sep 2020 17:26

Tgt Ion:240 Resp: 389471
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.4
236 26.1 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: 82.761 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046673.D

Acq: 18 Sep 2020 17:26

Instrument :

BNA_G

ClientSampled :

SU-02-091720

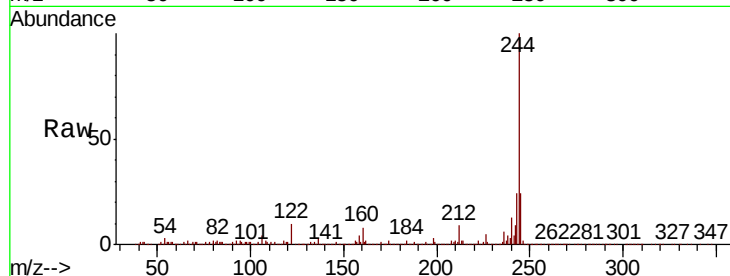
Tot Ion:244 Resp: 1514580

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

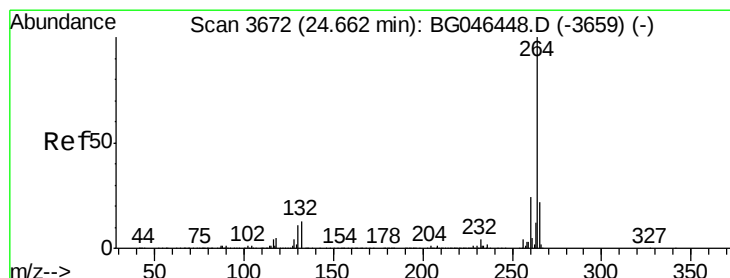
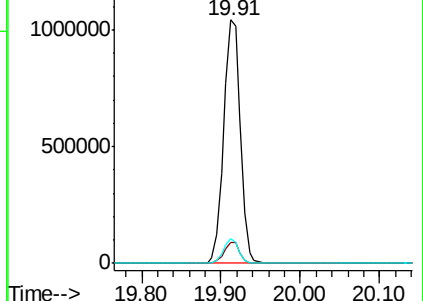
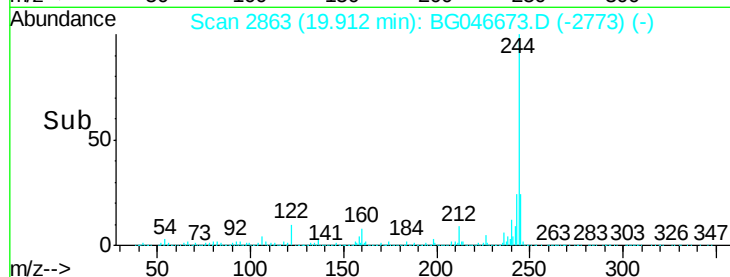
122 10.0 7.8 11.6



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: BG046673.D

Acq: 18 Sep 2020 17:26

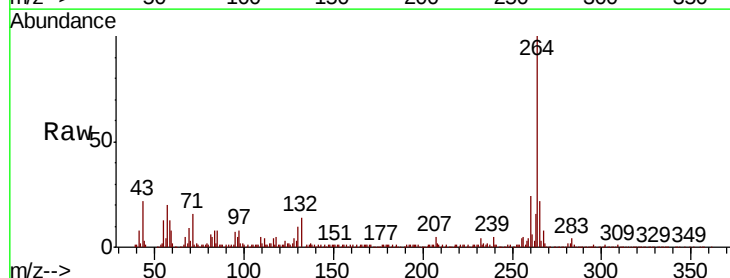
Tgt Ion:264 Resp: 387333

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.1 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

