

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046674.D
 Acq On : 18 Sep 2020 18:06
 Operator : CG/JU
 Sample : L3871-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-091720

Quant Time: Sep 18 19:13:03 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	71077	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	286723	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	199132	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	419712	20.00	ng	0.00
76) Chrysene-d12	21.54	240	383482	20.00	ng	0.00
86) Perylene-d12	24.64	264	381721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	453047	112.90	ng	0.00
7) Phenol-d6	7.10	99	545139	95.83	ng	0.00
23) Nitrobenzene-d5	9.08	82	450484	89.80	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	237567	88.05	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1138141	87.25	ng	0.00
79) Terphenyl-d14	19.91	244	1496261	83.04	ng	0.00

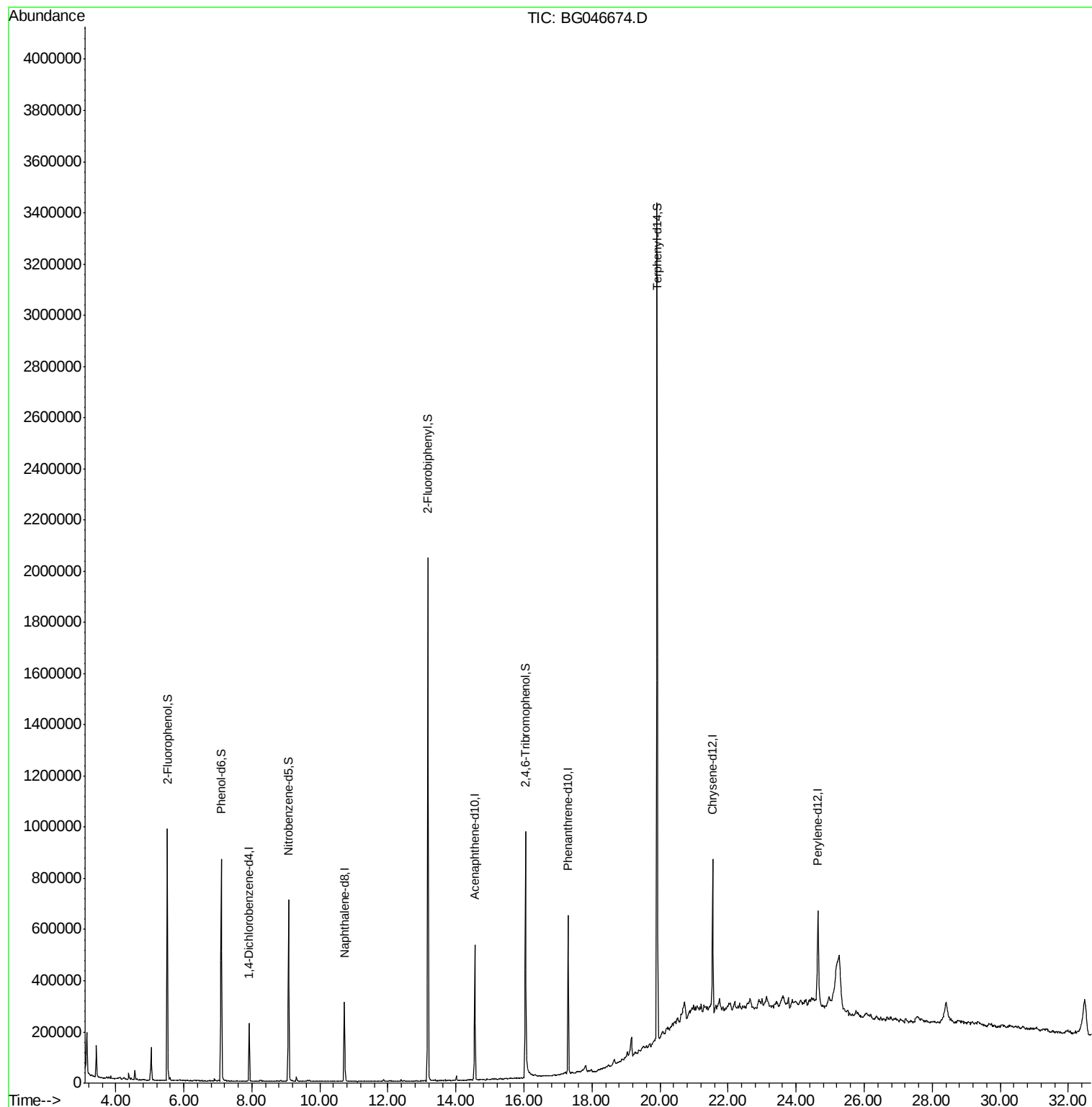
Target Compounds Qvalue

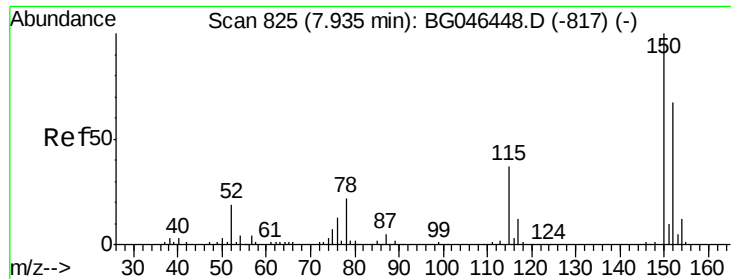
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
Data File : BG046674.D
Acq On : 18 Sep 2020 18:06
Operator : CG/JU
Sample : L3871-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-091720

Quant Time: Sep 18 19:13:03 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



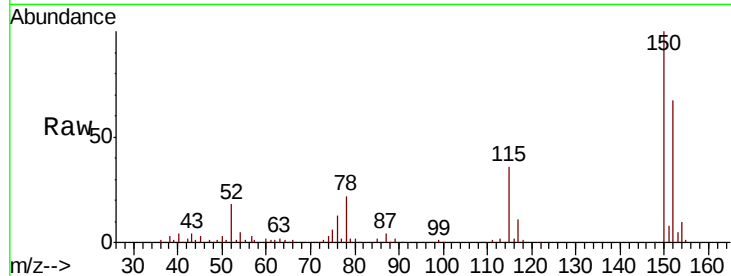


#1

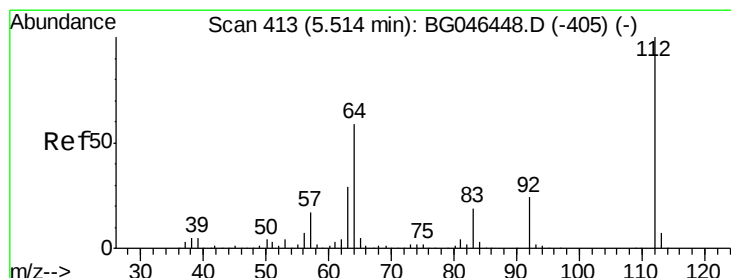
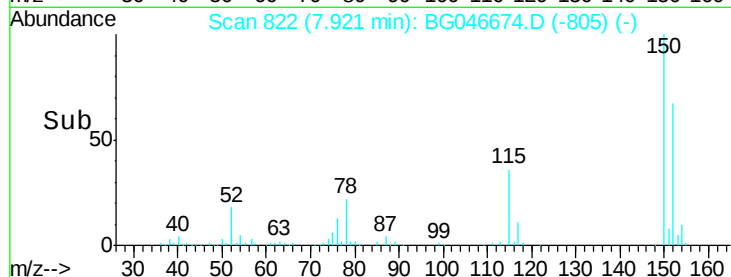
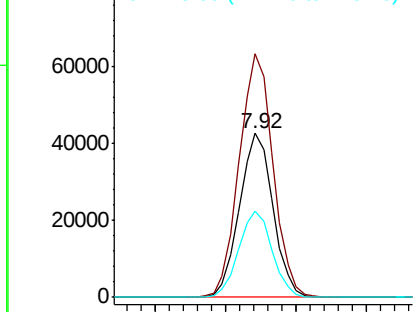
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG046674.D
Acq: 18 Sep 2020 18:06

Instrument :
BNA_G
ClientSampleId :
TR-05-091720

Tot Ion:152 Resp: 71077
Ion Ratio Lower Upper
152 100
150 148.3 125.0 187.6
115 52.8 41.8 62.6



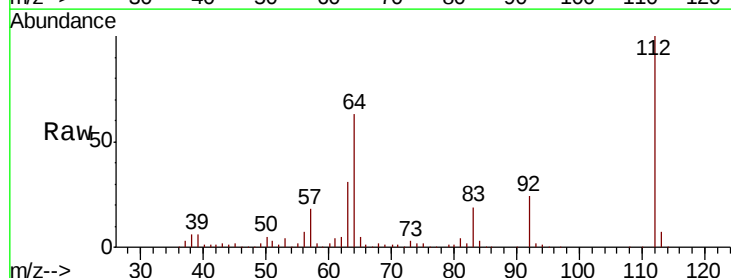
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



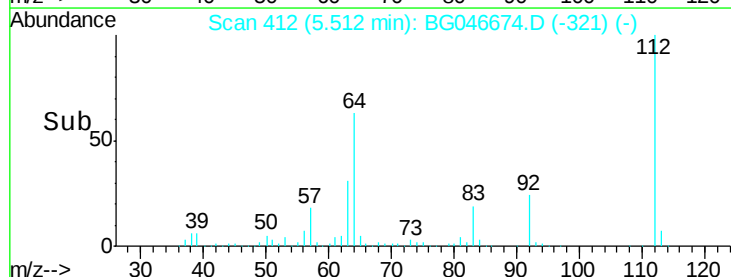
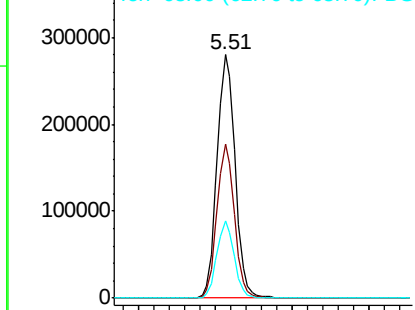
#5

2-Fluorophenol
Concen: 112.896 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG046674.D
Acq: 18 Sep 2020 18:06

Tgt Ion:112 Resp: 453047
Ion Ratio Lower Upper
112 100
64 63.1 46.7 70.1
63 31.5 22.8 34.2



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: 95.827 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046674.D

Acq: 18 Sep 2020 18:06

Instrument :

BNA_G

ClientSampleId :

TR-05-091720

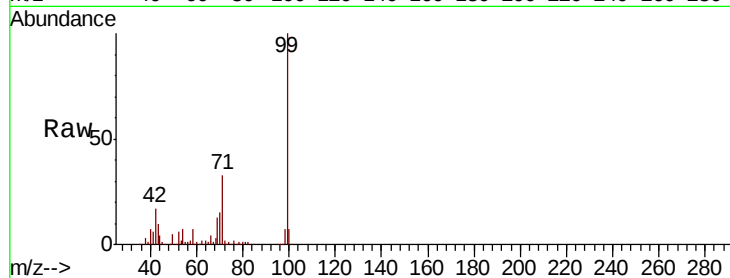
Tot Ion: 99 Resp: 545139

Ion Ratio Lower Upper

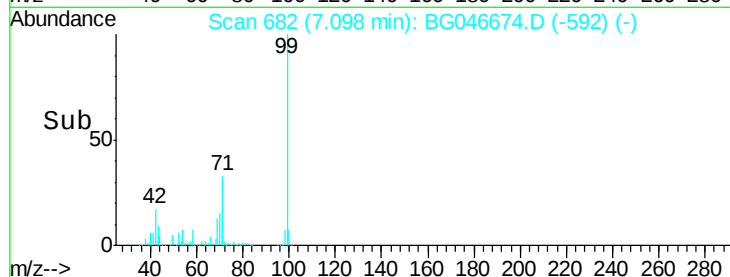
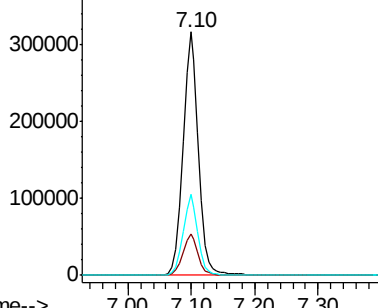
99 100

42 17.0 12.8 19.2

71 33.0 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: BG046674.D

Acq: 18 Sep 2020 18:06

Tgt Ion: 136 Resp: 286723

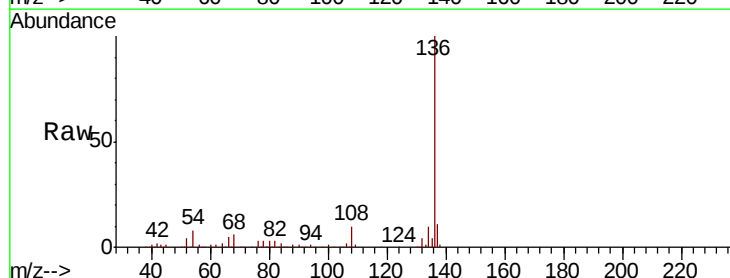
Ion Ratio Lower Upper

136 100

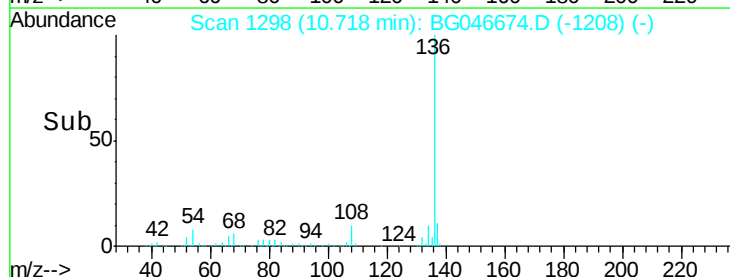
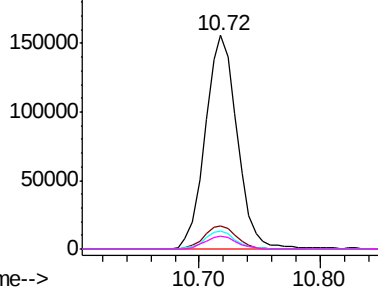
137 11.1 9.1 13.7

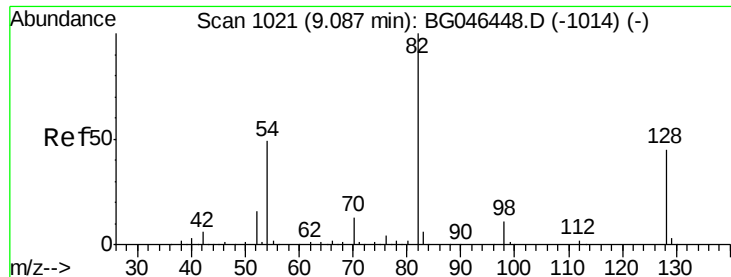
54 8.4 6.2 9.4

68 5.9 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

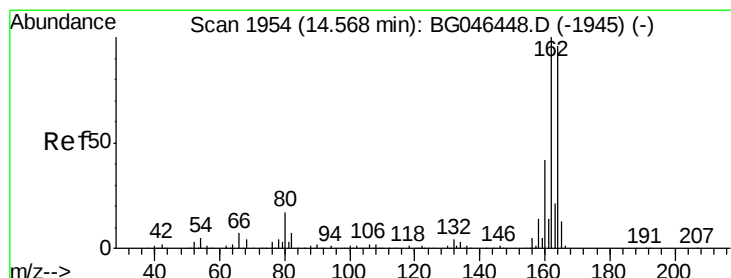
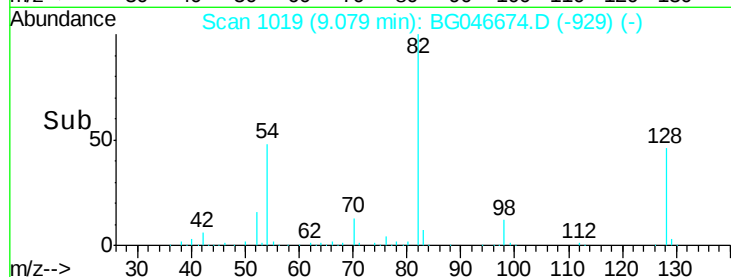
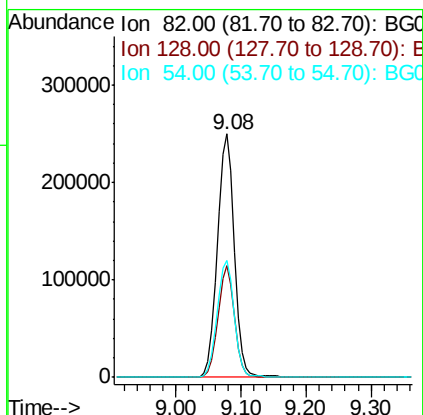
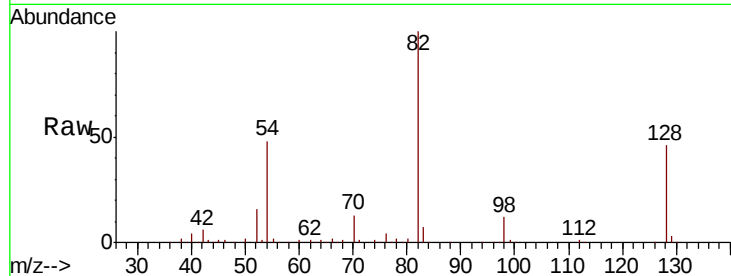




#23
 Nitrobenzene-d5
 Concen: 89.799 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG046674.D
 Acq: 18 Sep 2020 18:06

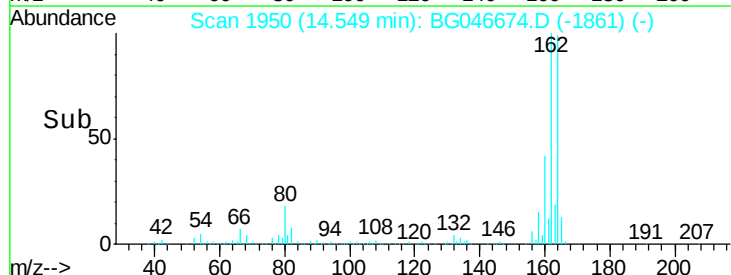
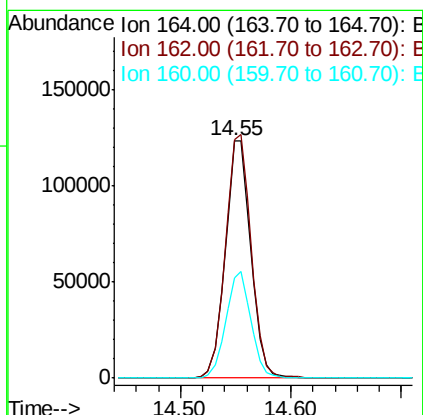
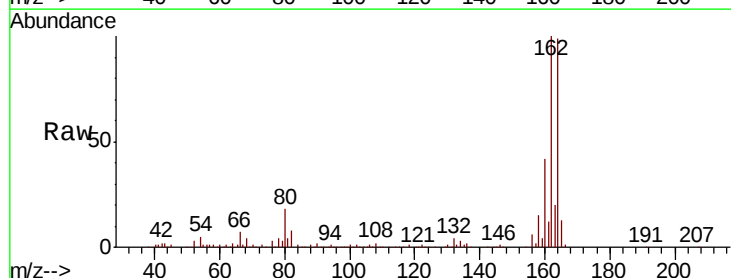
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-091720

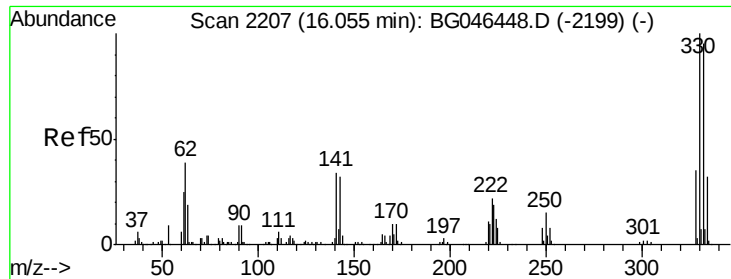
Tot Ion	82	Resp	450484
Ion Ratio	100	Lower	Upper
128	45.7	37.0	55.6
54	48.2	39.0	58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: BG046674.D
 Acq: 18 Sep 2020 18:06

Tgt Ion	164	Resp	199132
Ion Ratio	100	Lower	Upper
162	100.6	82.3	123.5
160	42.0	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 88.050 ng

RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG046674.D

Acq: 18 Sep 2020 18:06

Instrument :

BNA_G

ClientSampleId :

TR-05-091720

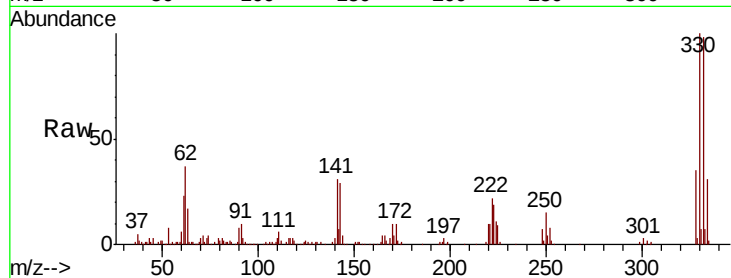
Tot Ion:330 Resp: 237567

Ion Ratio Lower Upper

330 100

332 99.6 76.5 114.7

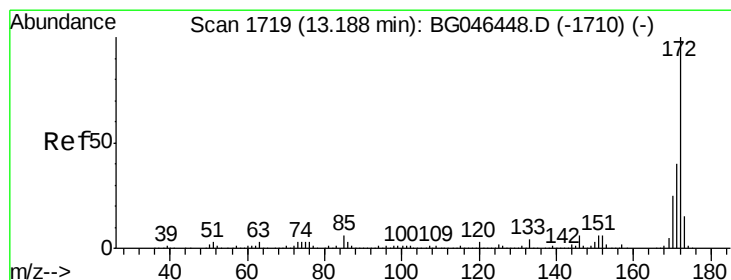
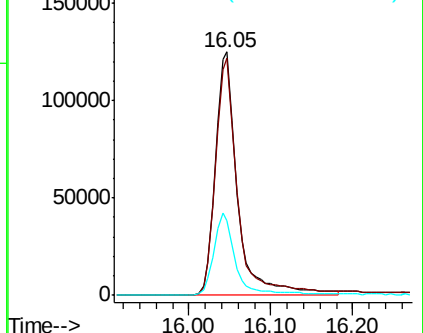
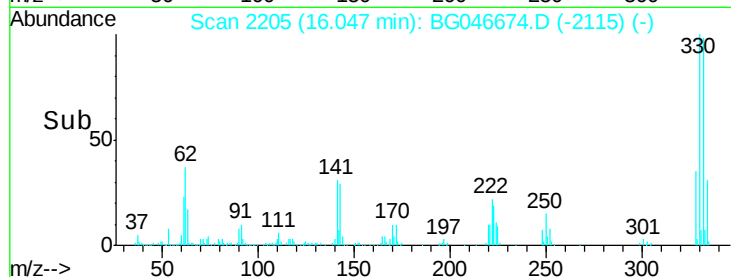
141 34.2 26.0 39.0



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: 87.251 ng

RT: 13.17 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BG046674.D

Acq: 18 Sep 2020 18:06

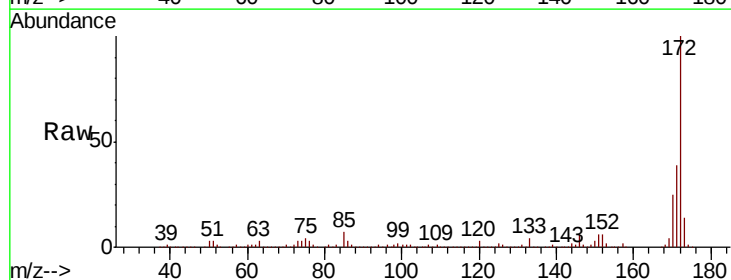
Tgt Ion:172 Resp: 1138141

Ion Ratio Lower Upper

172 100

171 39.0 31.3 46.9

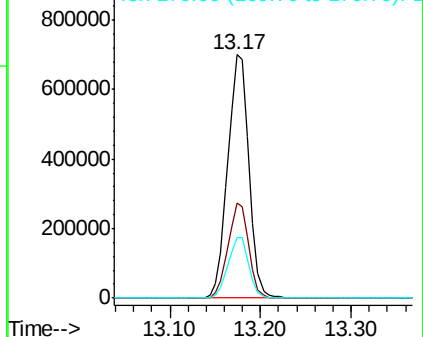
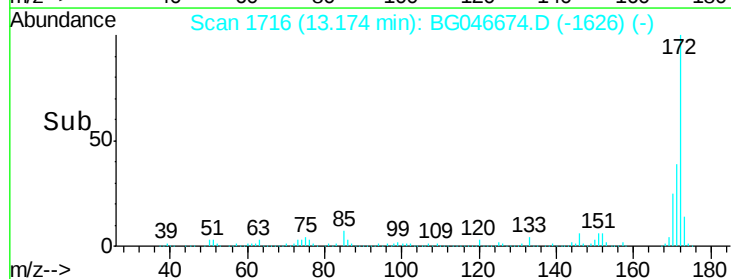
170 25.1 20.8 31.2

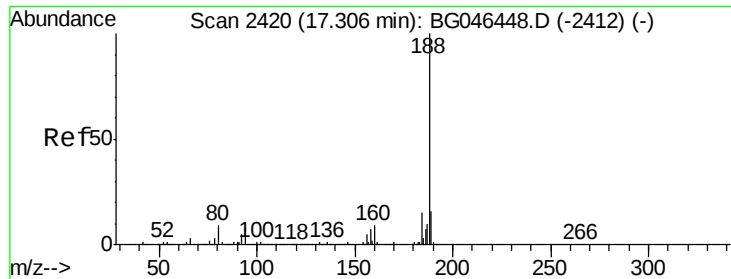


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

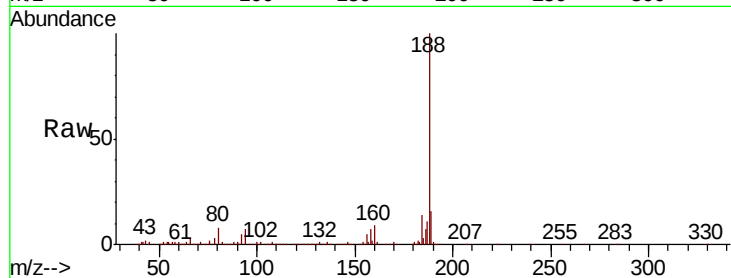




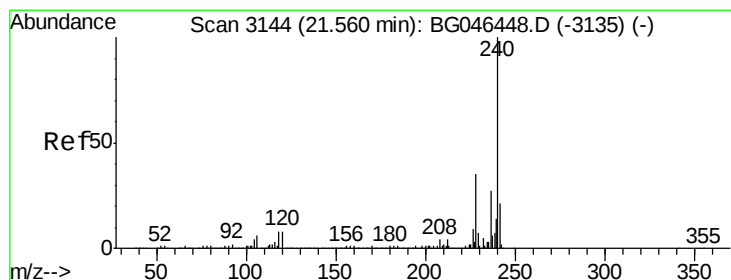
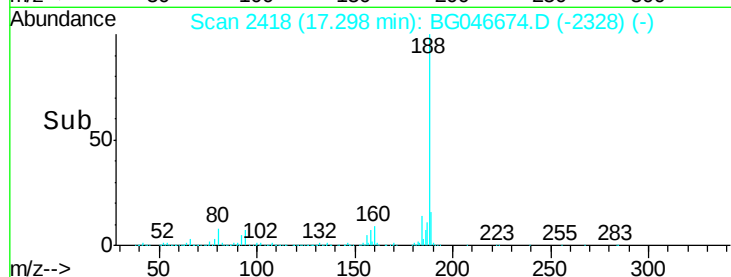
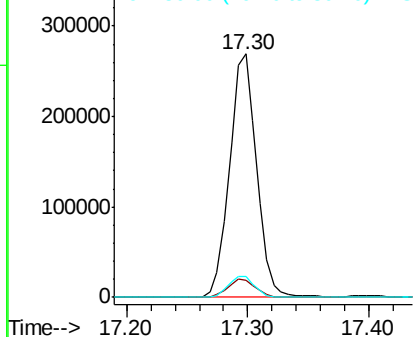
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG046674.D
Acq: 18 Sep 2020 18:06

Instrument :
BNA_G
ClientSampleId :
TR-05-091720

Tot Ion:188 Resp: 419712
Ion Ratio Lower Upper
188 100
94 7.3 6.3 9.5
80 8.4 7.0 10.6

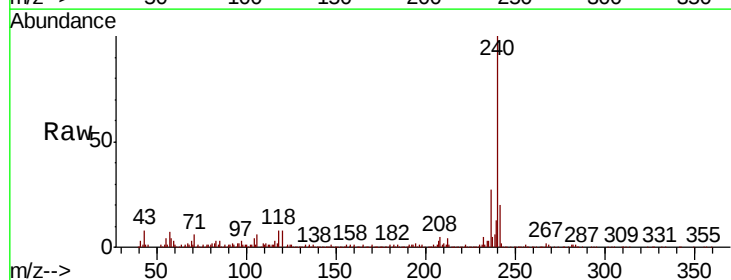


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

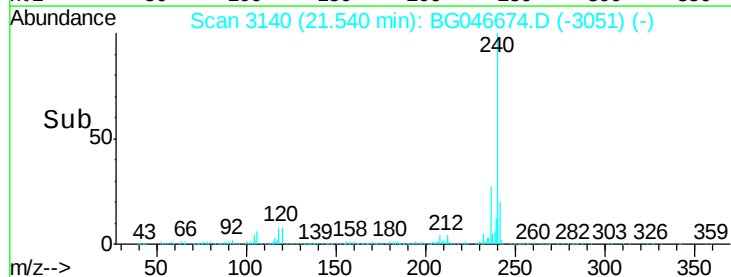
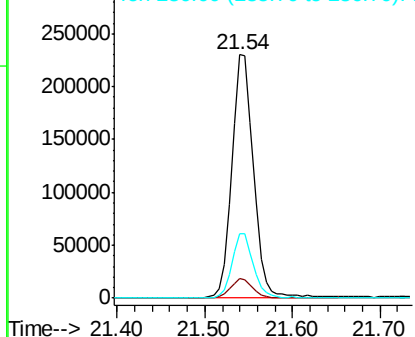


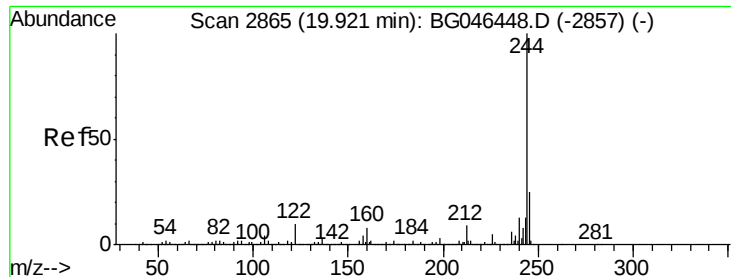
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046674.D
Acq: 18 Sep 2020 18:06

Tgt Ion:240 Resp: 383482
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.4
236 26.6 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: 83.037 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046674.D

Acq: 18 Sep 2020 18:06

Instrument :

BNA_G

ClientSampled :

TR-05-091720

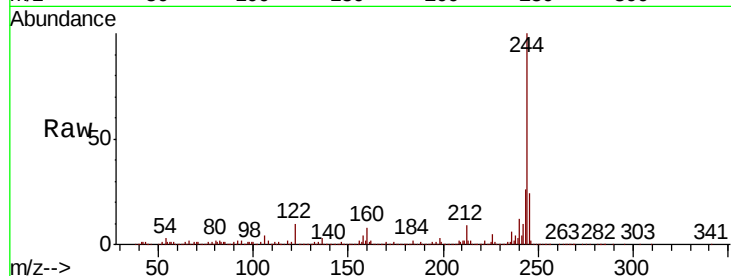
Tot Ion:244 Resp: 1496261

Ion Ratio Lower Upper

244 100

212 8.5 6.7 10.1

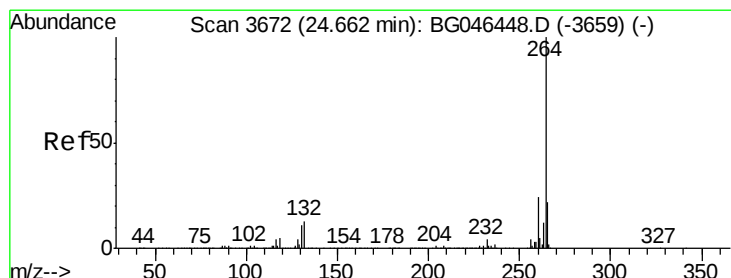
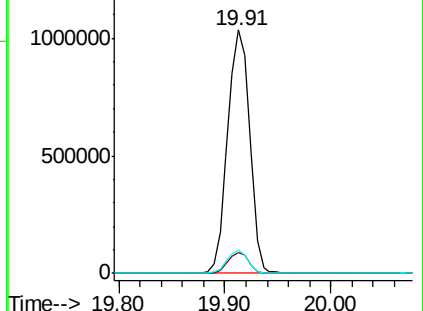
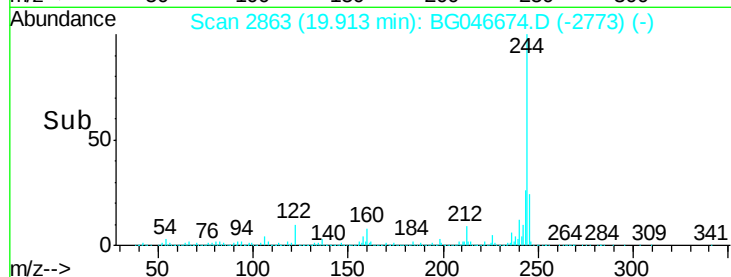
122 9.8 7.8 11.6



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: BG046674.D

Acq: 18 Sep 2020 18:06

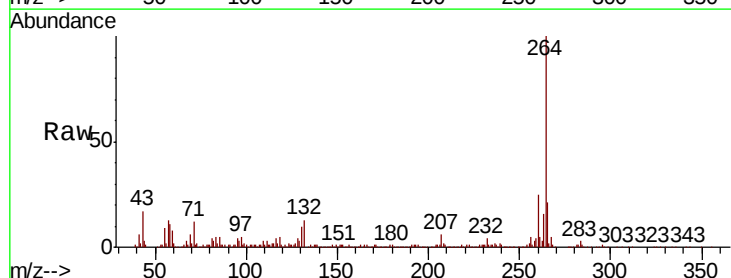
Tgt Ion:264 Resp: 381721

Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

265 21.4 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

