

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046639.D
 Acq On : 16 Sep 2020 12:37
 Operator : CG/JU
 Sample : PB131633TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131633TB

Quant Time: Sep 16 13:37:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	65930	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	284302	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	216629	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	453685	20.00	ng	0.00
76) Chrysene-d12	21.54	240	461175	20.00	ng	0.00
86) Perylene-d12	24.63	264	447224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	444256	119.35	ng	0.00
7) Phenol-d6	7.09	99	604698	114.59	ng	0.00
23) Nitrobenzene-d5	9.07	82	379953	76.38	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	244370	83.26	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1112662	78.41	ng	0.00
79) Terphenyl-d14	19.91	244	1501221	69.28	ng	0.00

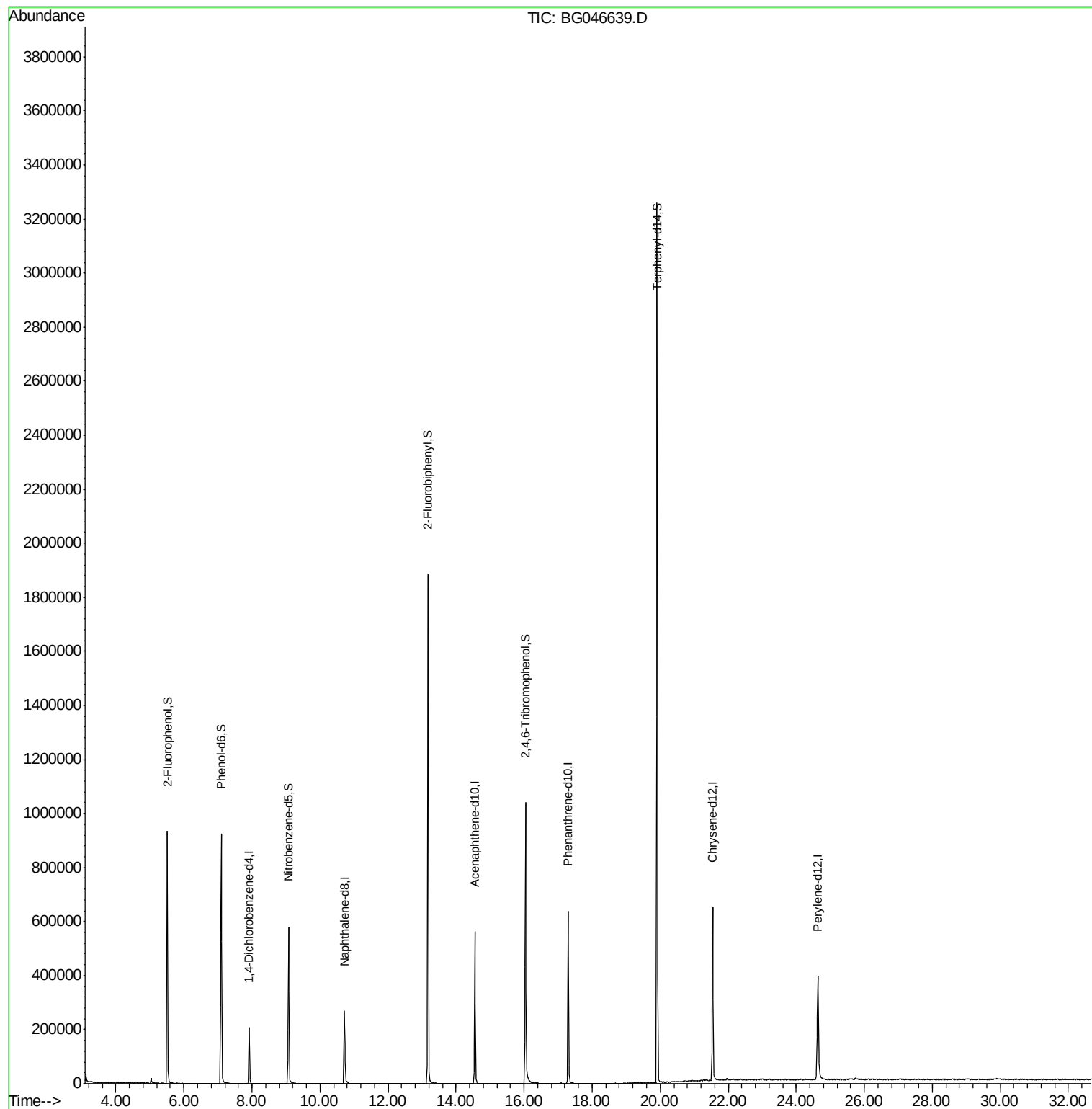
Target Compounds Qvalue

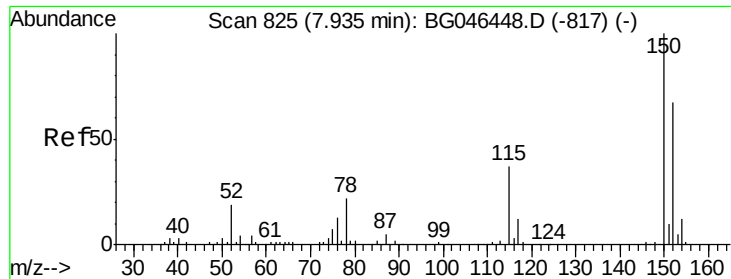
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
Data File : BG046639.D
Acq On : 16 Sep 2020 12:37
Operator : CG/JU
Sample : PB131633TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB131633TB

Quant Time: Sep 16 13:37:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 13:09:36 2020
Response via : Initial Calibration



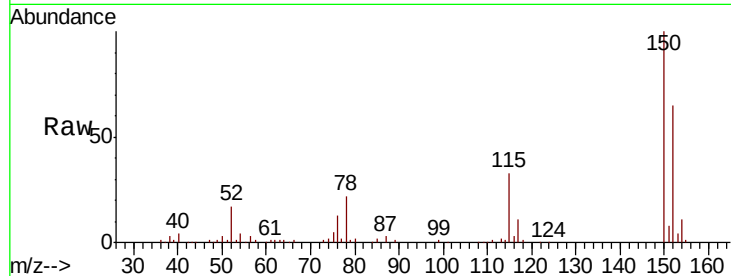


#1

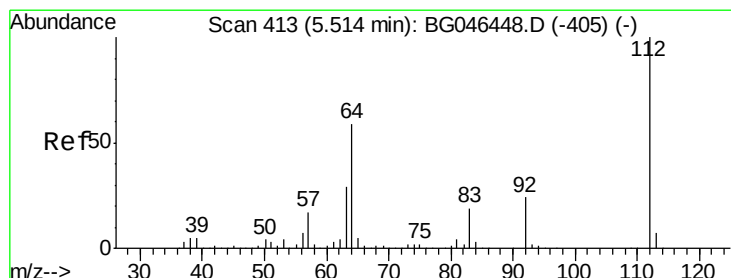
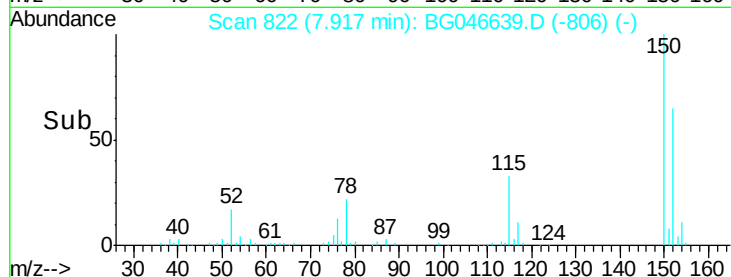
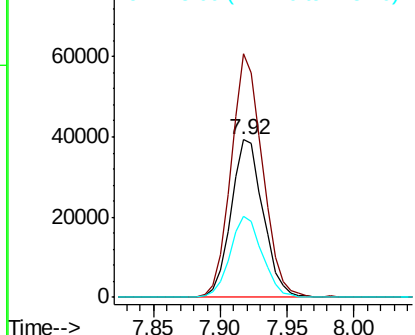
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG046639.D
 Acq: 16 Sep 2020 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131633TB

Tot Ion:152 Resp: 65930
 Ion Ratio Lower Upper
 152 100
 150 154.4 119.5 179.3
 115 51.1 44.3 66.5



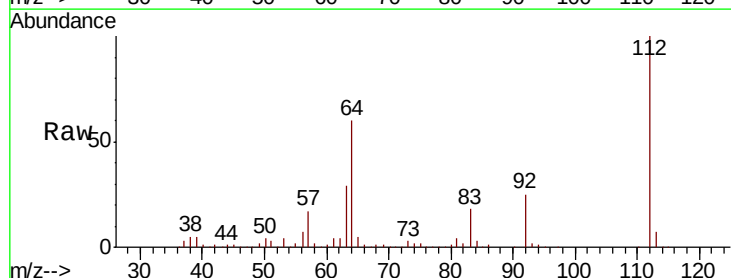
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



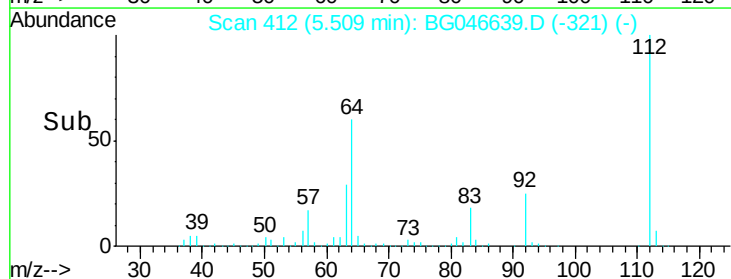
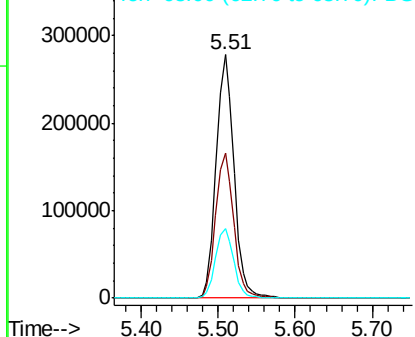
#5

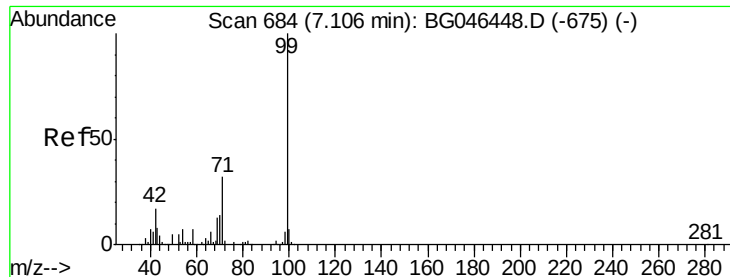
2-Fluorophenol
 Concen: 119.348 ng
 RT: 5.51 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BG046639.D
 Acq: 16 Sep 2020 12:37

Tgt Ion:112 Resp: 444256
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.0 70.6
 63 28.7 23.5 35.3



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: 114.595 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046639.D

Acq: 16 Sep 2020 12:37

Instrument :

BNA_G

ClientSampleId :

PB131633TB

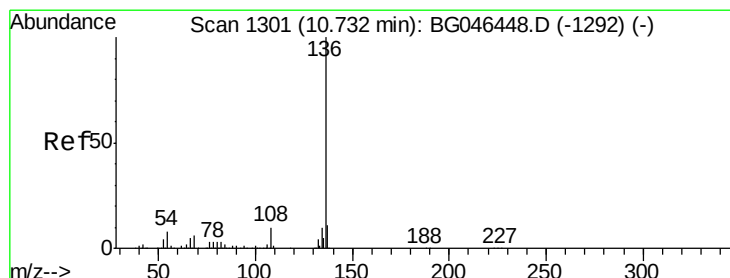
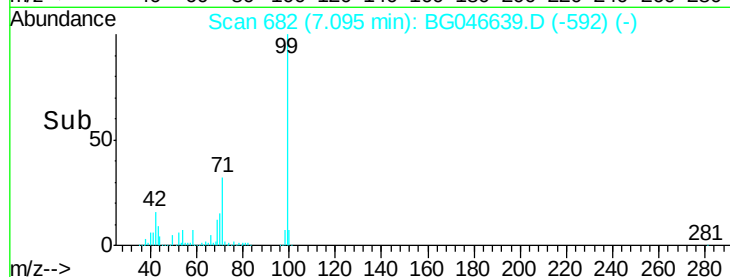
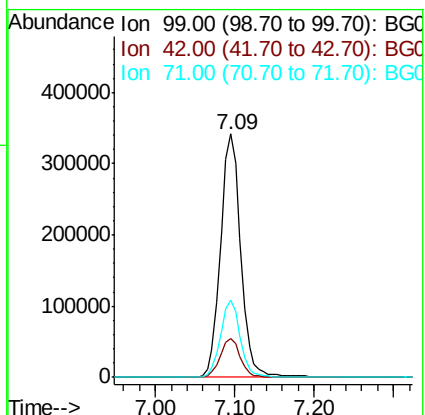
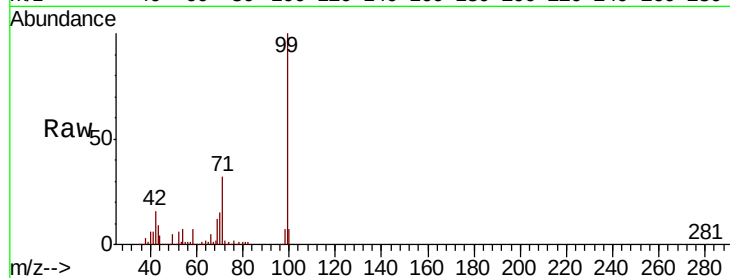
Tot Ion: 99 Resp: 604698

Ion Ratio Lower Upper

99 100

42 16.1 13.3 19.9

71 31.8 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG046639.D

Acq: 16 Sep 2020 12:37

Tgt Ion: 136 Resp: 284302

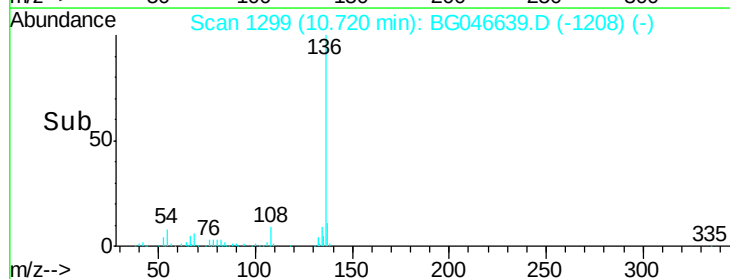
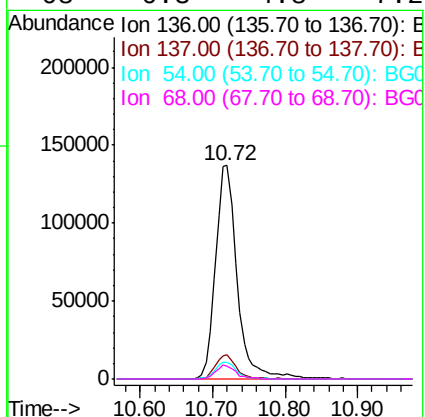
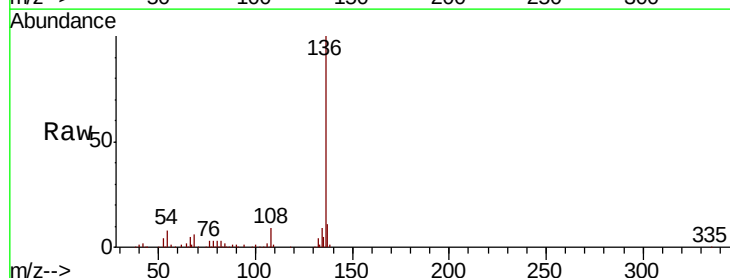
Ion Ratio Lower Upper

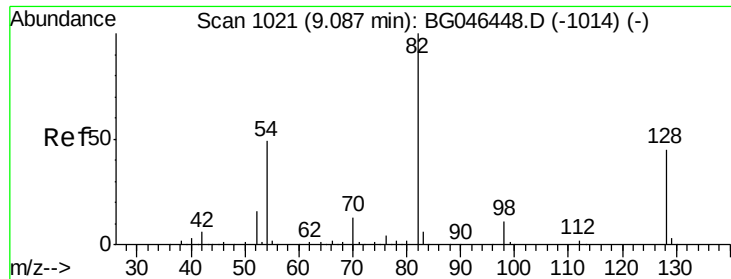
136 100

137 11.4 8.8 13.2

54 7.8 6.1 9.1

68 6.3 4.8 7.2

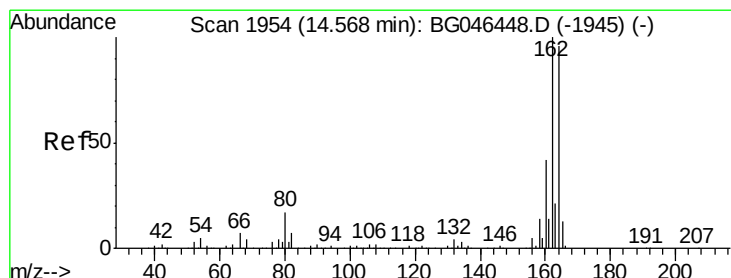
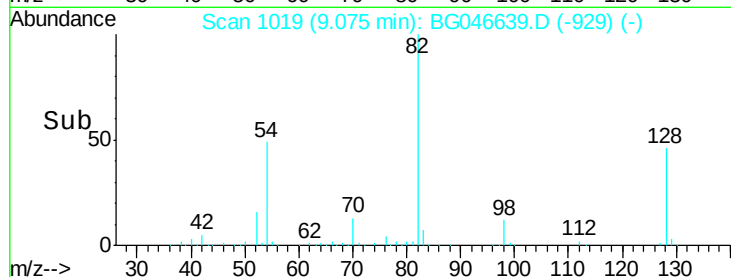
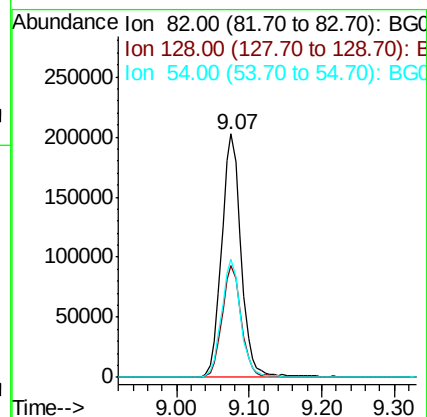
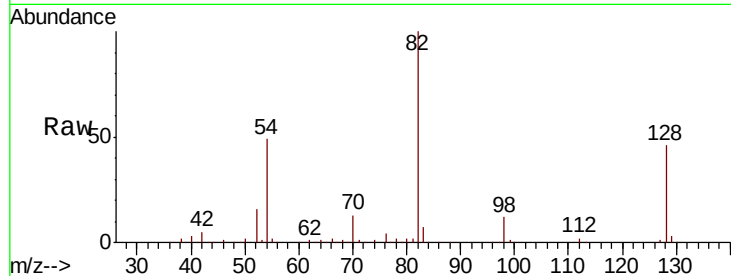




#23
Nitrobenzene-d5
Concen: 76.384 ng
RT: 9.07 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG046639.D
Acq: 16 Sep 2020 12:37

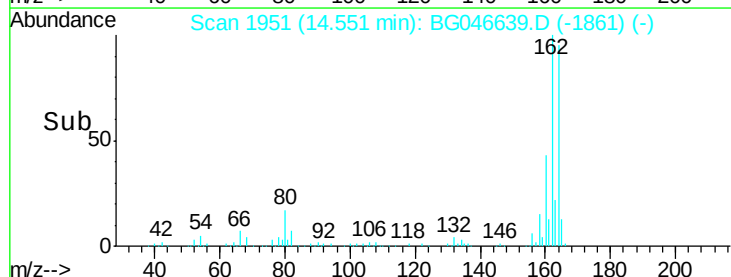
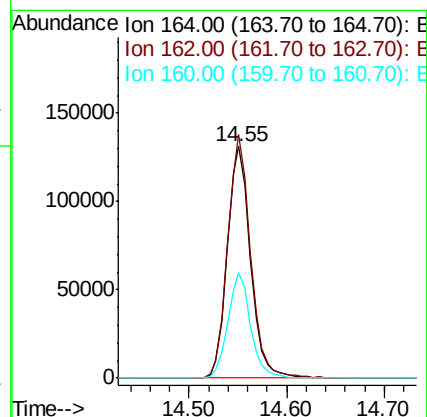
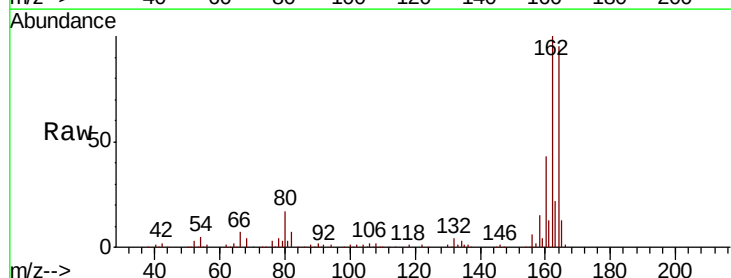
Instrument :
BNA_G
ClientSampled :
PB131633TB

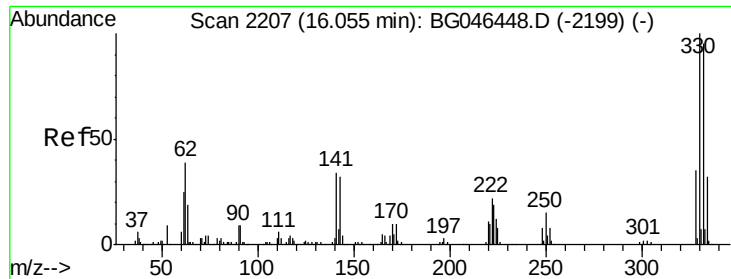
Tot Ion: 82 Resp: 379953
Ion Ratio Lower Upper
82 100
128 45.8 35.7 53.5
54 48.8 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG046639.D
Acq: 16 Sep 2020 12:37

Tgt Ion: 164 Resp: 216629
Ion Ratio Lower Upper
164 100
162 105.1 83.3 124.9
160 45.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 83.256 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG046639.D

Acq: 16 Sep 2020 12:37

Instrument :

BNA_G

ClientSampleId :

PB131633TB

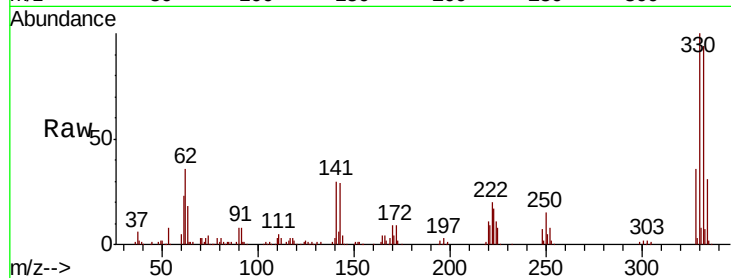
Tot Ion:330 Resp: 244370

Ion Ratio Lower Upper

330 100

332 95.9 76.1 114.1

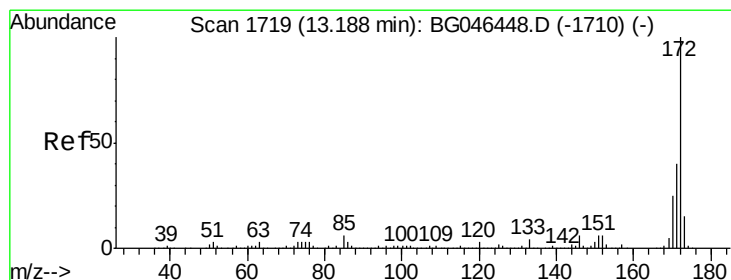
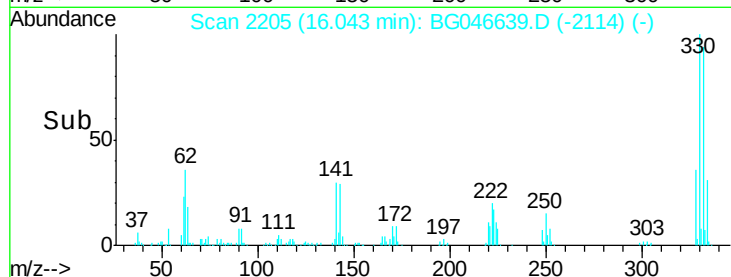
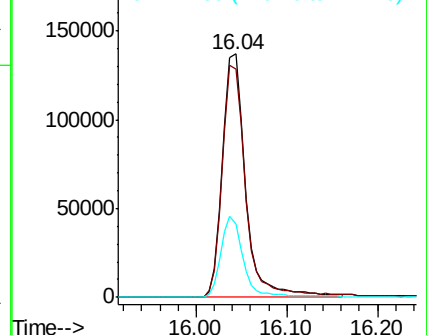
141 32.6 26.1 39.1



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: 78.408 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG046639.D

Acq: 16 Sep 2020 12:37

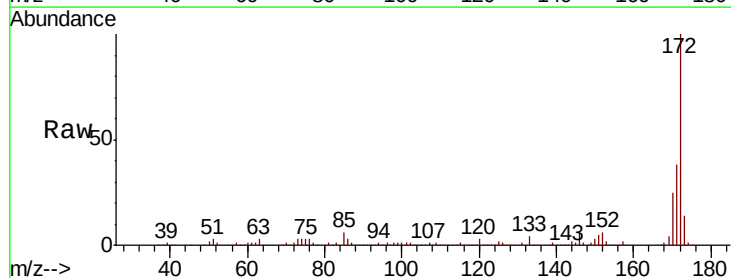
Tgt Ion:172 Resp: 1112662

Ion Ratio Lower Upper

172 100

171 38.1 31.8 47.6

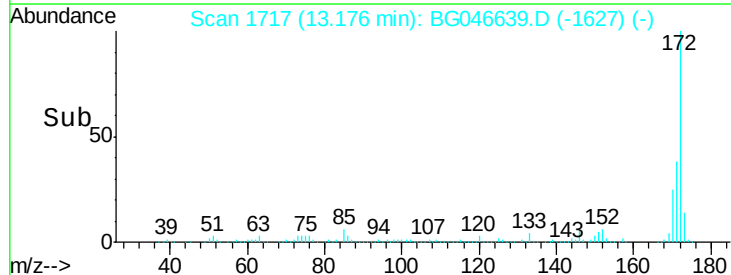
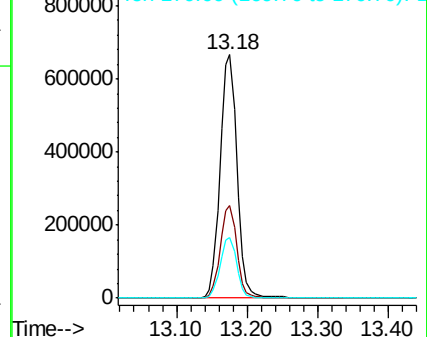
170 25.0 20.3 30.5

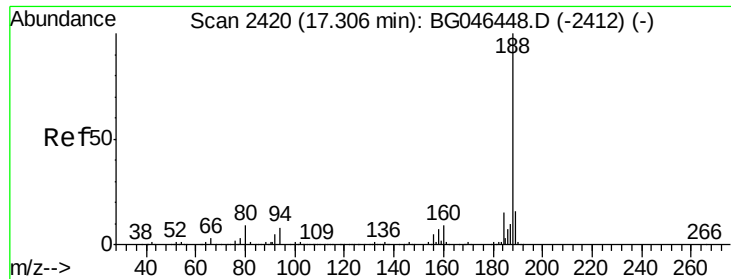


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

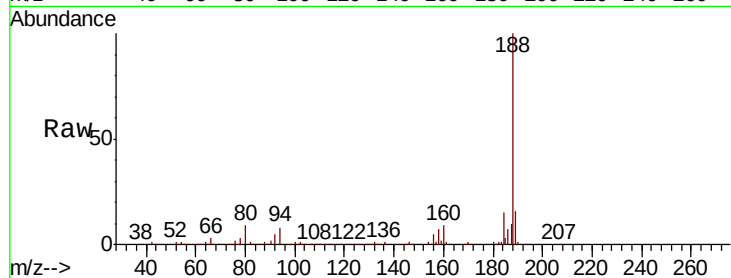




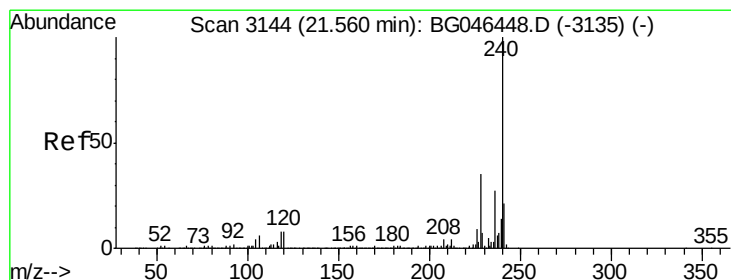
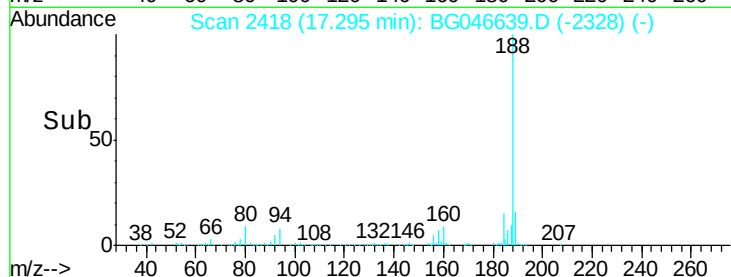
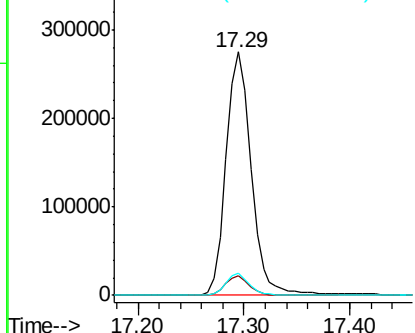
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046639.D
Acq: 16 Sep 2020 12:37

Instrument :
BNA_G
ClientSampleId :
PB131633TB

Tot Ion:188 Resp: 453685
Ion Ratio Lower Upper
188 100
94 7.8 6.3 9.5
80 8.9 6.9 10.3

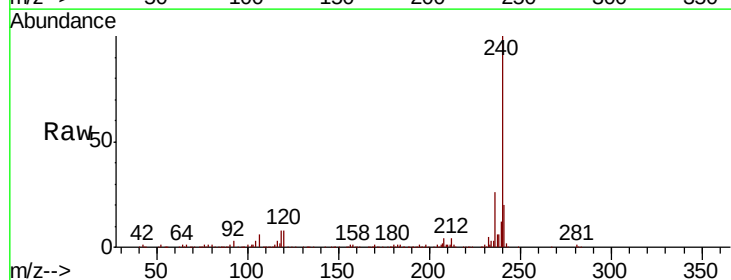


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

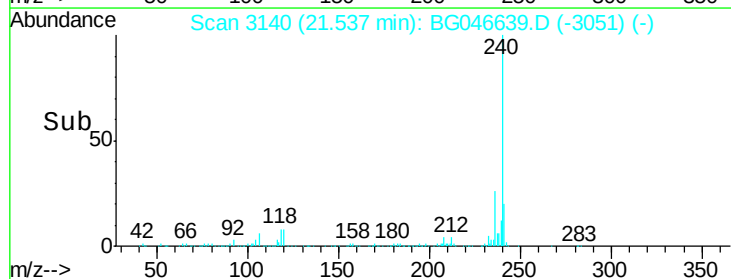
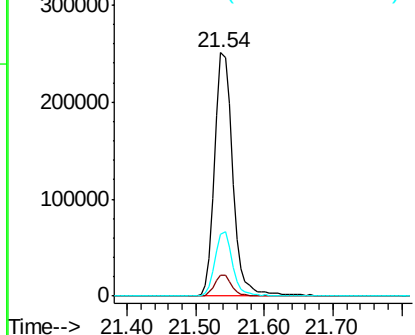


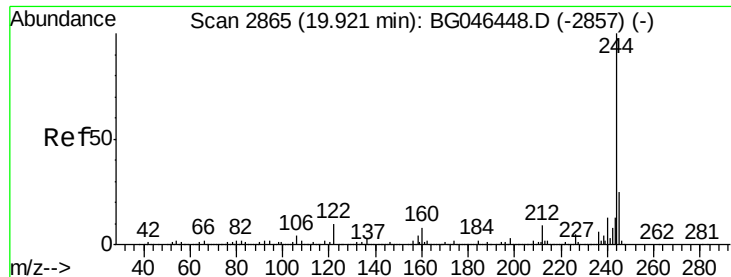
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046639.D
Acq: 16 Sep 2020 12:37

Tgt Ion:240 Resp: 461175
Ion Ratio Lower Upper
240 100
120 8.3 6.6 10.0
236 25.6 21.4 32.2



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: 69.277 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046639.D

Acq: 16 Sep 2020 12:37

Instrument :

BNA_G

ClientSampleId :

PB131633TB

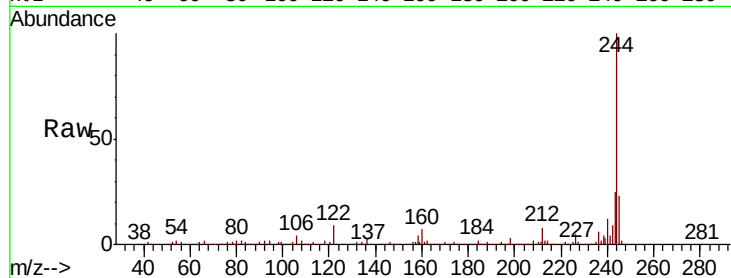
Tot Ion:244 Resp: 1501221

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

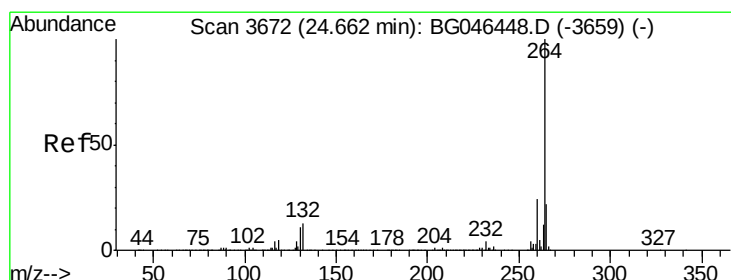
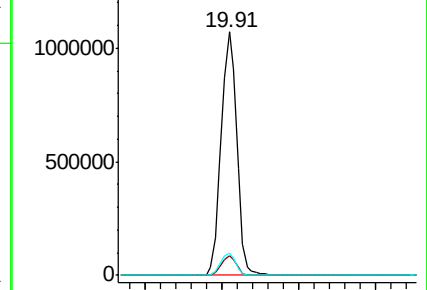
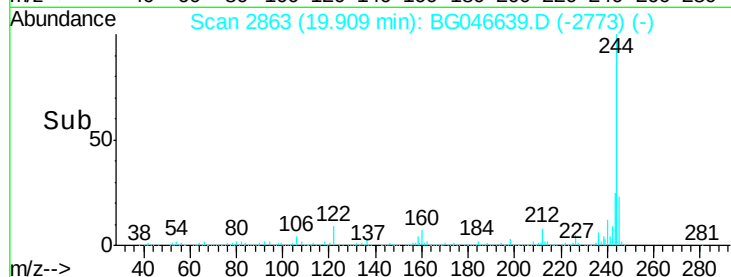
122 9.2 8.2 12.4



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: 24.63 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BG046639.D

Acq: 16 Sep 2020 12:37

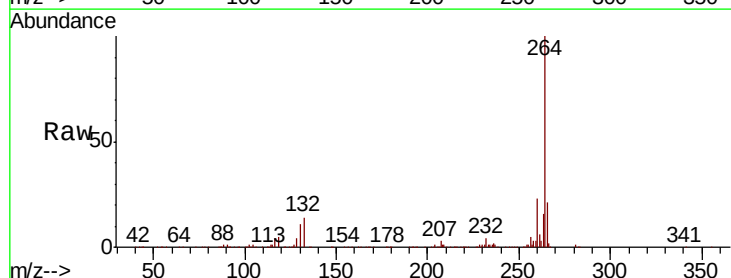
Tgt Ion:264 Resp: 447224

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.5 17.9 26.9



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

