

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046558.D
 Acq On : 8 Sep 2020 15:14
 Operator : CG/JU
 Sample : L3919-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Quant Time: Sep 08 16:56:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

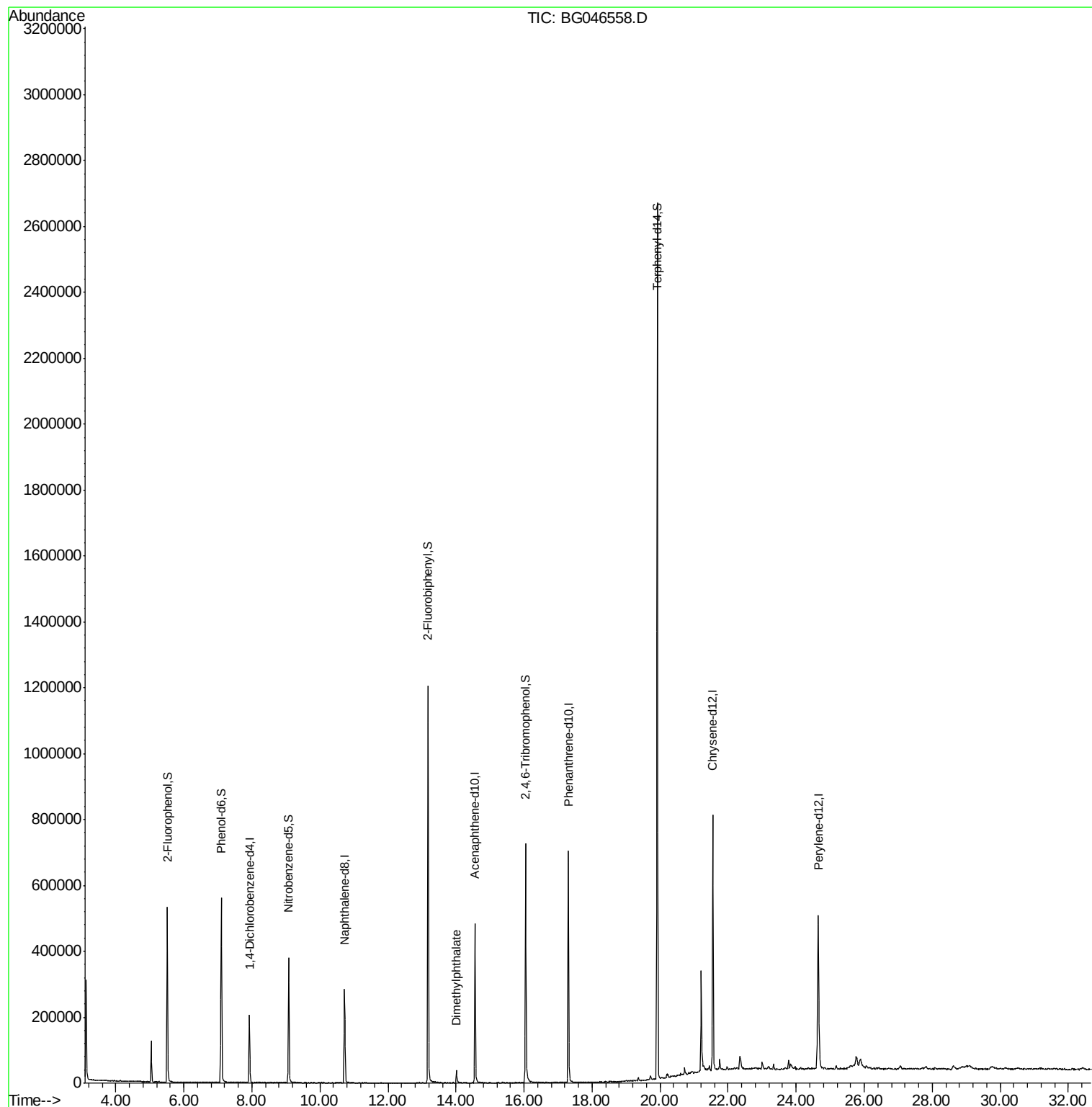
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	63020	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	261384	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	187808	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	486946	20.00	ng	0.00
76) Chrysene-d12	21.55	240	499288	20.00	ng	0.00
86) Perylene-d12	24.65	264	491973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	259309	72.88	ng	0.00
7) Phenol-d6	7.10	99	373580	74.07	ng	0.00
23) Nitrobenzene-d5	9.08	82	251580	55.01	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	166547	65.45	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	696059	56.58	ng	0.00
79) Terphenyl-d14	19.92	244	1203247	51.29	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	34998	2.409	ng	Qvalue 98

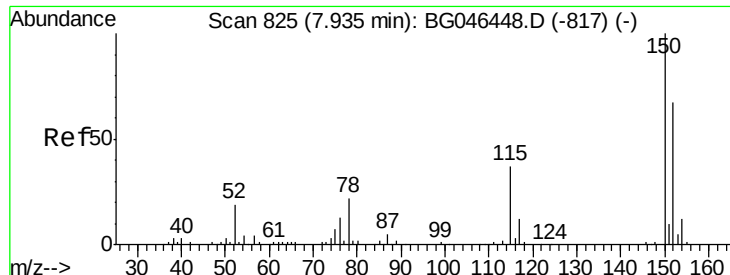
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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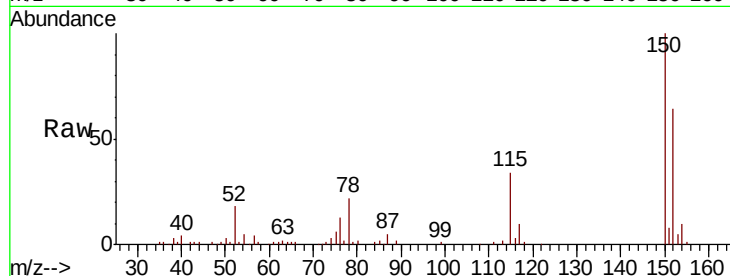


#1

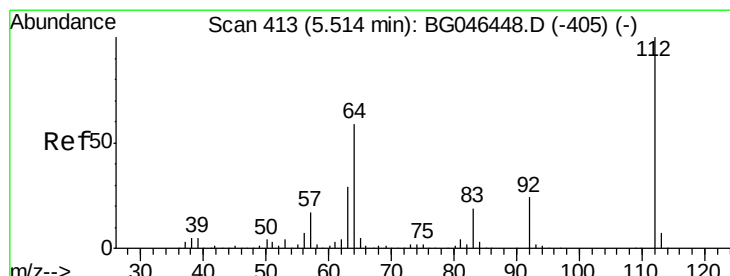
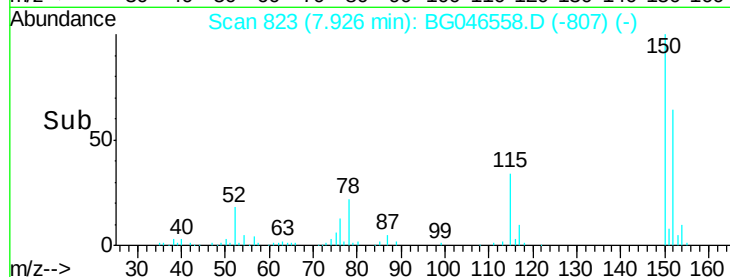
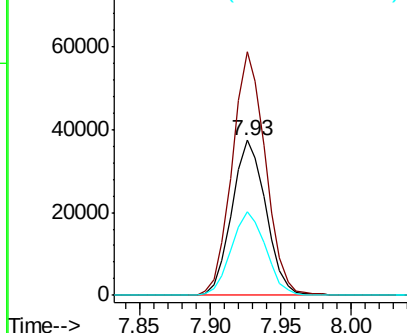
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046558.D
Acq: 8 Sep 2020 15:14

Instrument :
BNA_G
ClientSampleId :
TP-12

Tot Ion:152 Resp: 63020
Ion Ratio Lower Upper
152 100
150 156.9 119.5 179.3
115 54.0 44.3 66.5



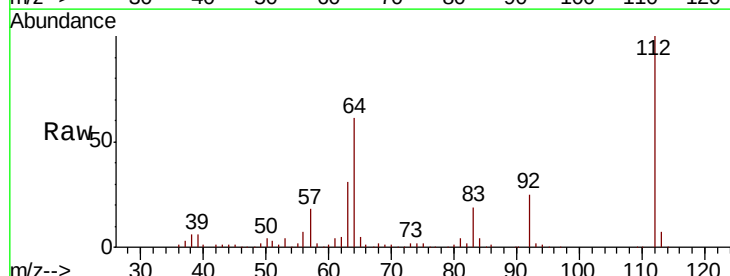
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



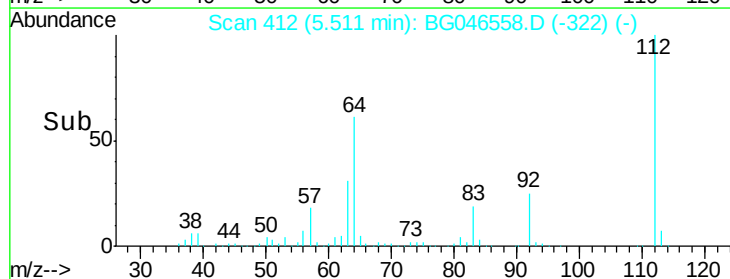
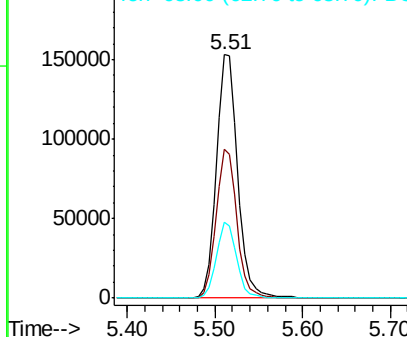
#5

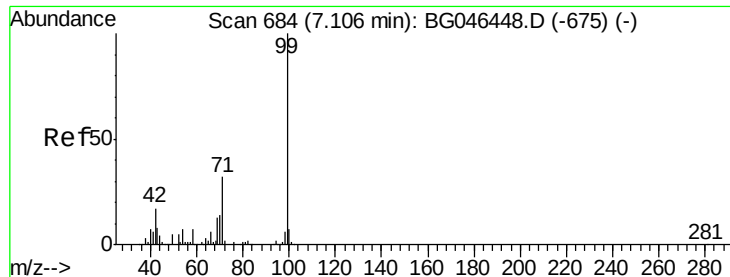
2-Fluorophenol
Concen: 72.879 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG046558.D
Acq: 8 Sep 2020 15:14

Tgt Ion:112 Resp: 259309
Ion Ratio Lower Upper
112 100
64 61.1 47.0 70.6
63 31.3 23.5 35.3



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: 74.065 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG046558.D

Acq: 8 Sep 2020 15:14

Instrument :

BNA_G

ClientSampled :

TP-12

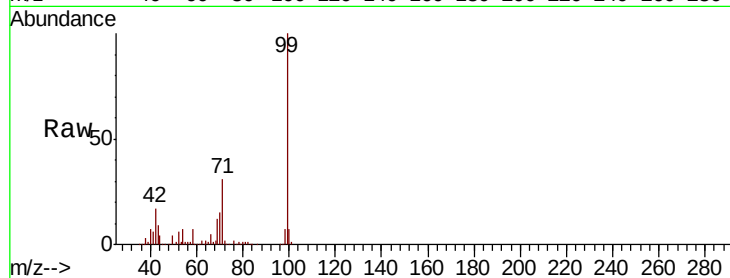
Tot Ion: 99 Resp: 373580

Ion Ratio Lower Upper

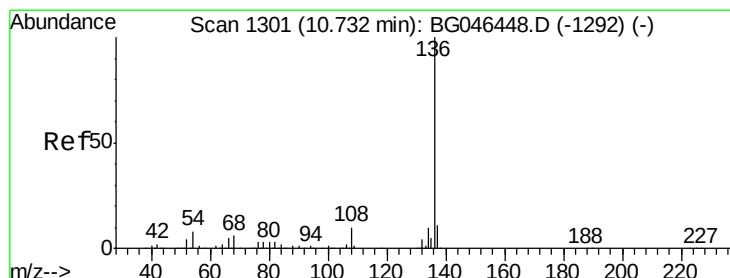
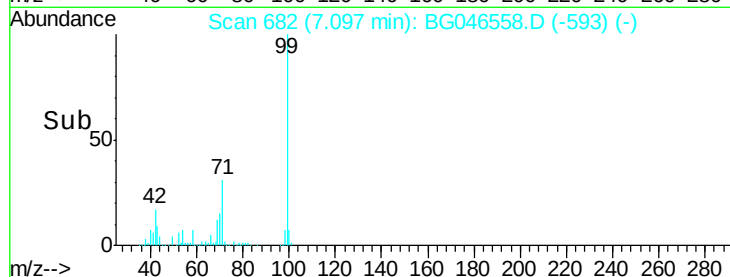
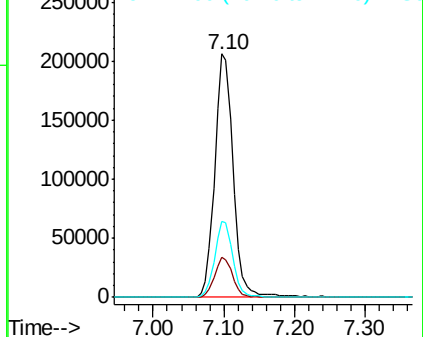
99 100

42 16.7 13.3 19.9

71 31.3 25.3 37.9



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# 1299

Delta R.T. -0.00 min

Lab File: BG046558.D

Acq: 8 Sep 2020 15:14

Tgt Ion: 136 Resp: 261384

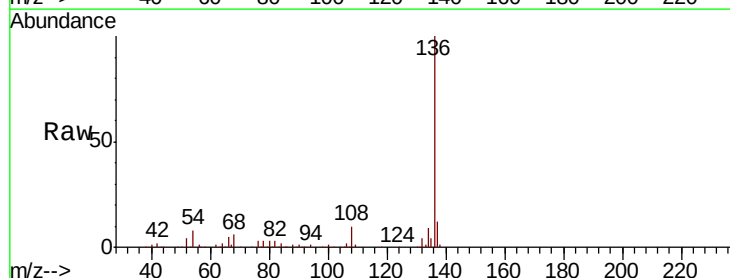
Ion Ratio Lower Upper

136 100

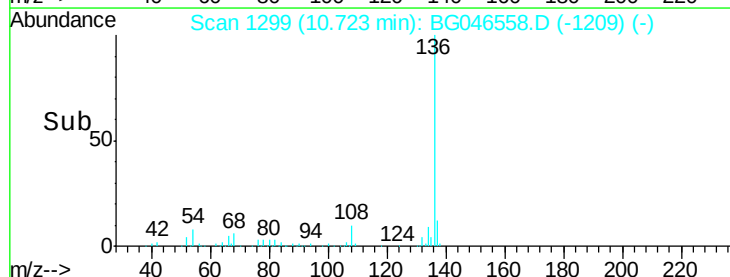
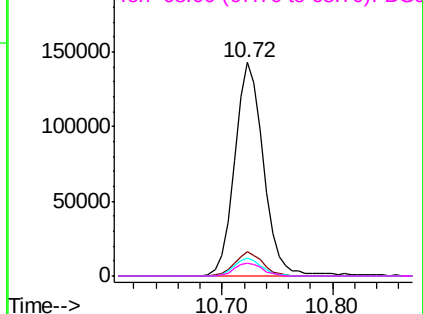
137 11.5 8.8 13.2

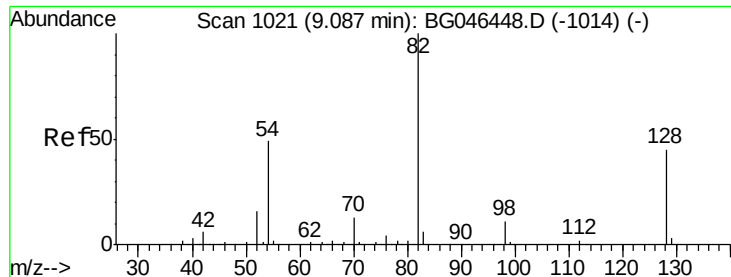
54 8.1 6.1 9.1

68 5.9 4.8 7.2



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

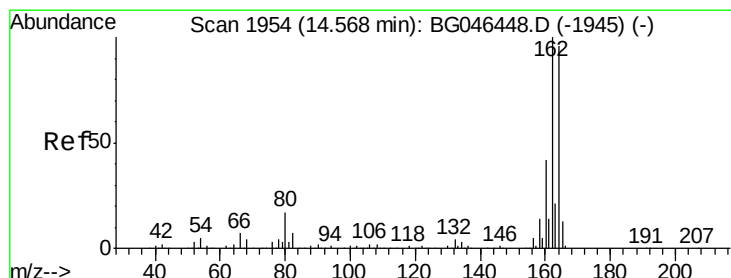
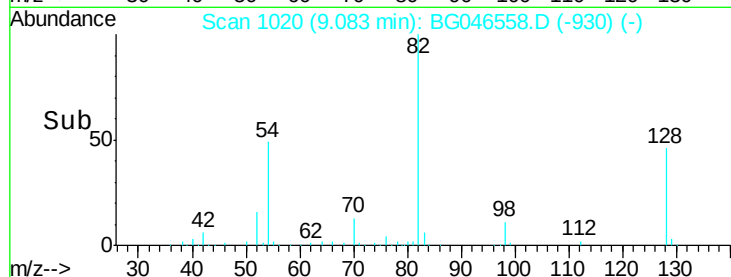
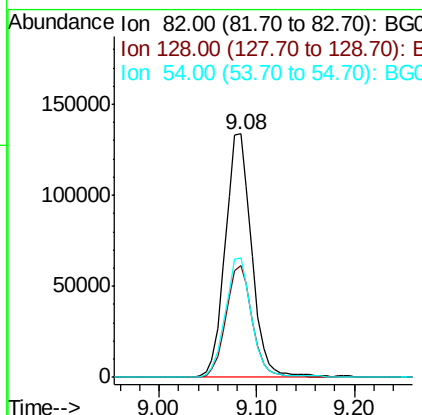
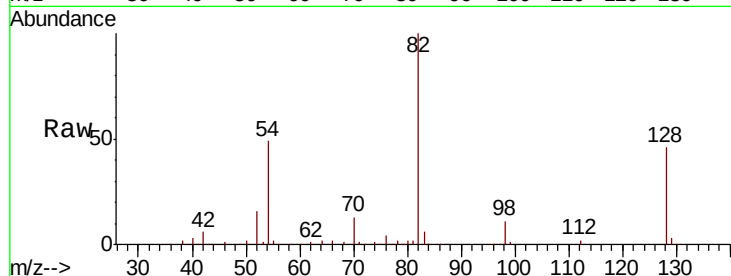




#23
 Nitrobenzene-d5
 Concen: 55.011 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046558.D
 Acq: 8 Sep 2020 15:14

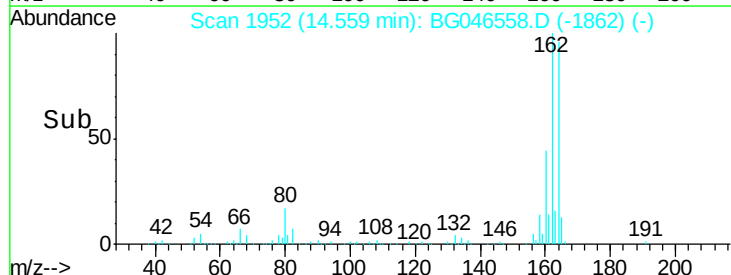
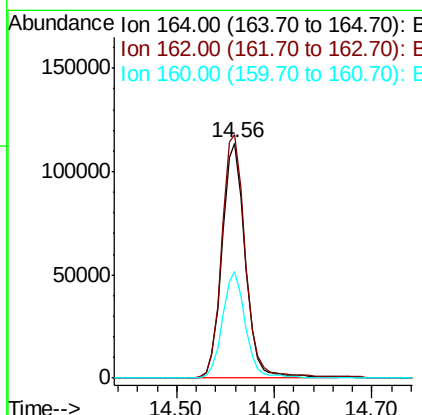
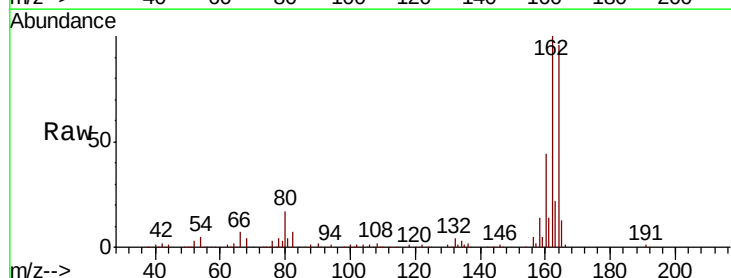
Instrument :
 BNA_G
 ClientSampleID :
 TP-12

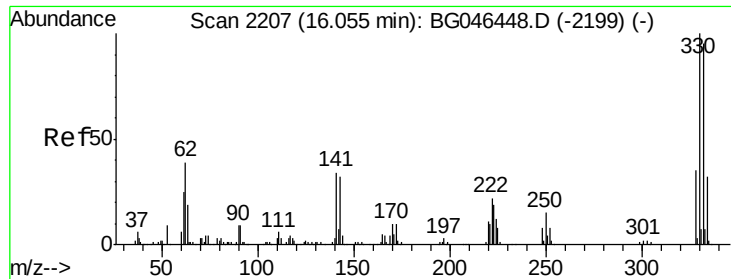
Tot Ion: 82 Resp: 251580
 Ion Ratio Lower Upper
 82 100
 128 45.9 35.7 53.5
 54 49.0 39.4 59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046558.D
 Acq: 8 Sep 2020 15:14

Tgt Ion: 164 Resp: 187808
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.3 124.9
 160 45.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 65.449 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046558.D

Acq: 8 Sep 2020 15:14

Instrument :

BNA_G

ClientSampleId :

TP-12

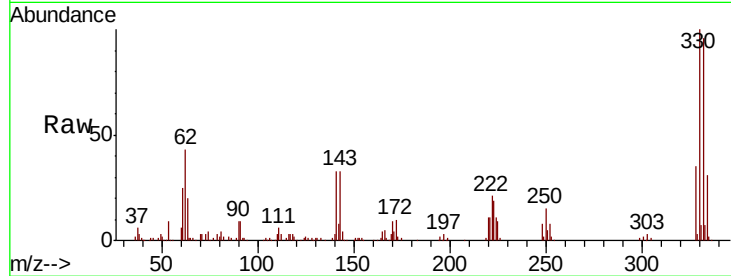
Tot Ion:330 Resp: 166547

Ion Ratio Lower Upper

330 100

332 97.1 76.1 114.1

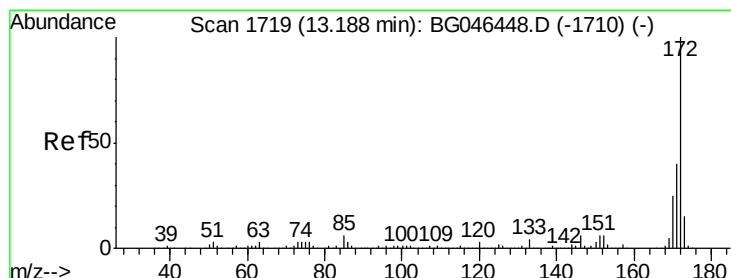
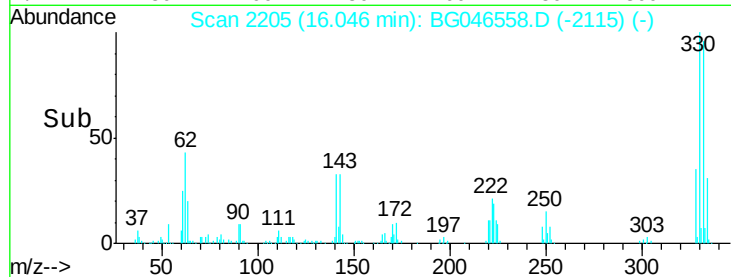
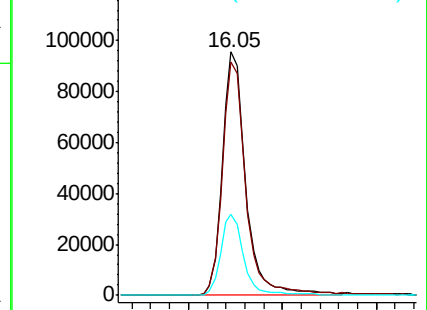
141 33.4 26.1 39.1



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: 56.578 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG046558.D

Acq: 8 Sep 2020 15:14

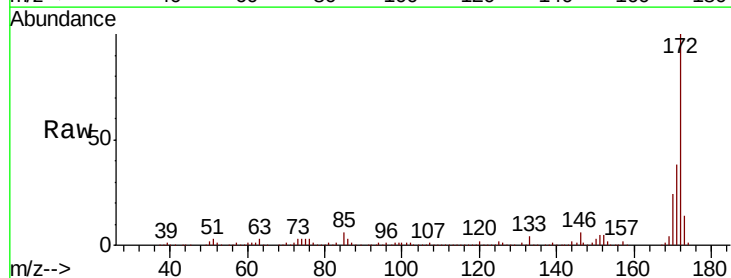
Tgt Ion:172 Resp: 696059

Ion Ratio Lower Upper

172 100

171 37.8 31.8 47.6

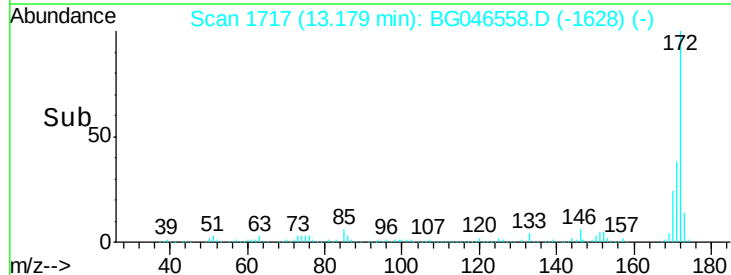
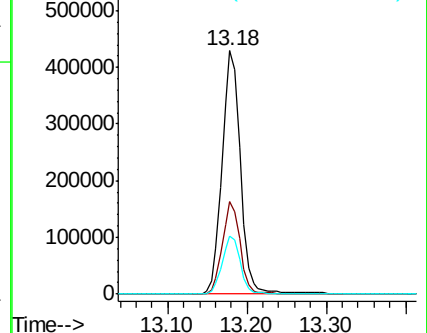
170 24.1 20.3 30.5

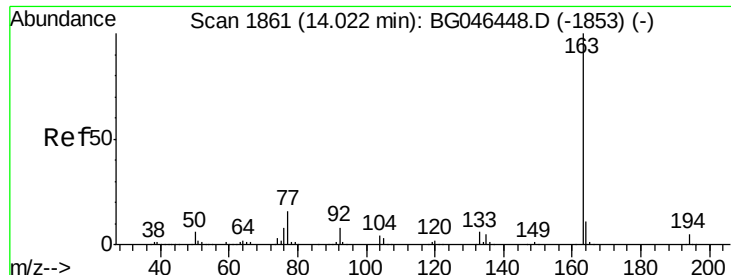


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.409 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG046558.D

Acq: 8 Sep 2020 15:14

Instrument :

BNA_G

ClientSampleId :

TP-12

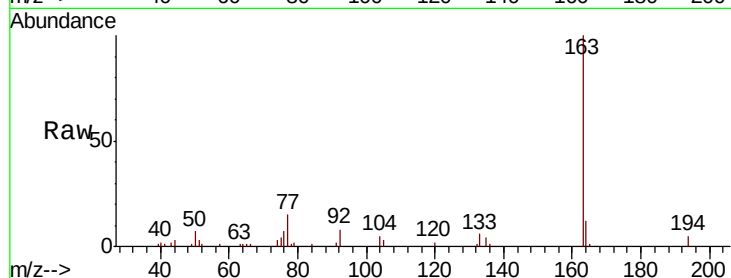
Tot Ion:163 Resp: 34998

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

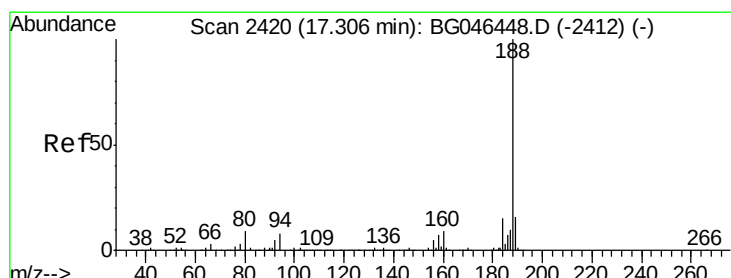
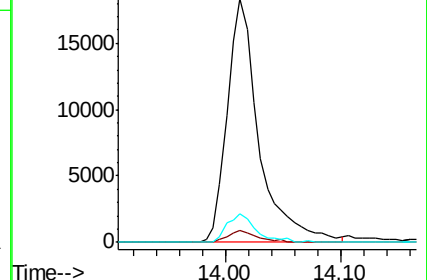
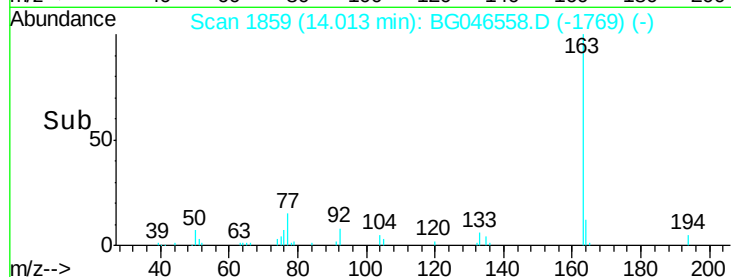
164 11.5 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046558.D

Acq: 8 Sep 2020 15:14

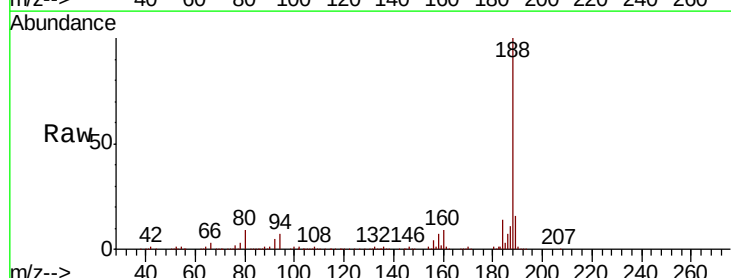
Tgt Ion:188 Resp: 486946

Ion Ratio Lower Upper

188 100

94 7.5 6.3 9.5

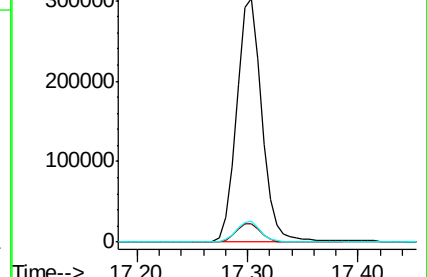
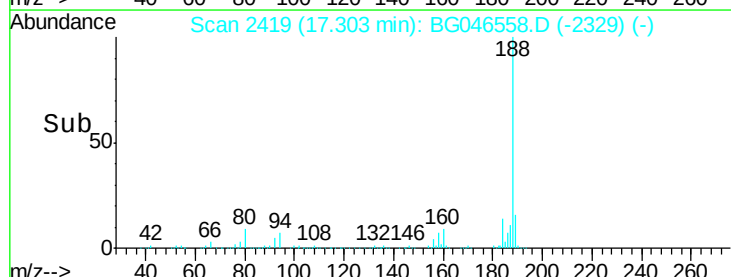
80 8.6 6.9 10.3

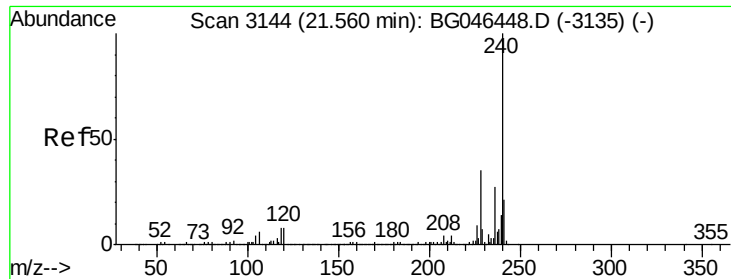


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.01 min

Lab File: BG046558.D

Acq: 8 Sep 2020 15:14

Instrument :

BNA_G

ClientSampleId :

TP-12

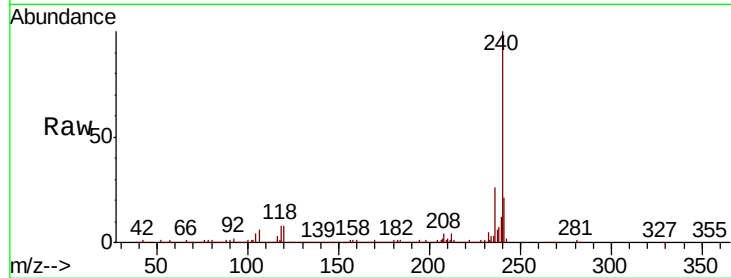
Tot Ion:240 Resp: 499288

Ion Ratio Lower Upper

240 100

120 8.4 6.6 10.0

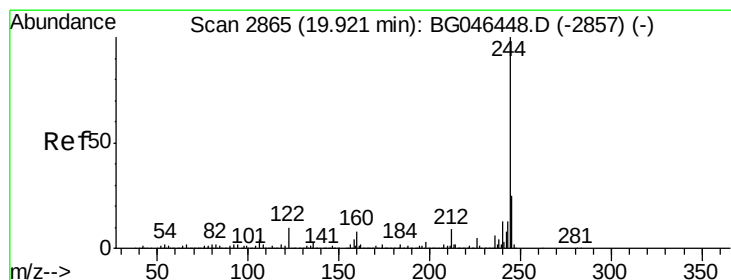
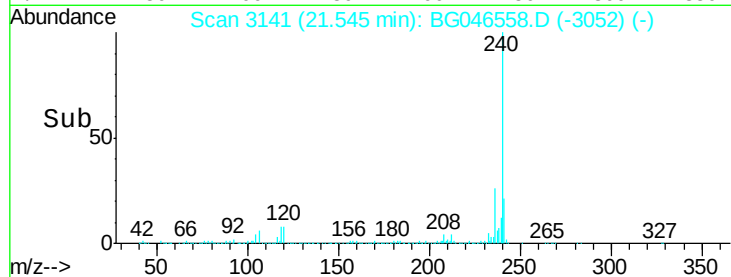
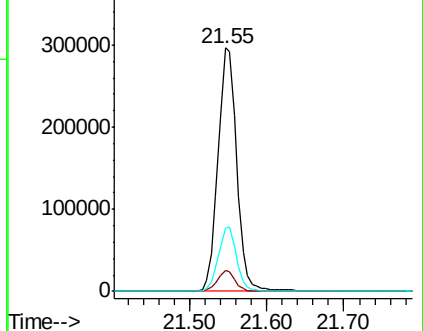
236 25.7 21.4 32.2



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: 51.288 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046558.D

Acq: 8 Sep 2020 15:14

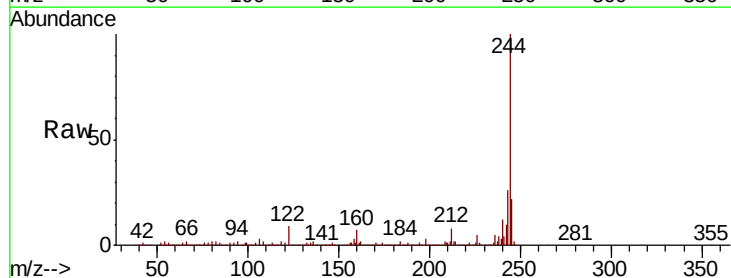
Tgt Ion:244 Resp: 1203247

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

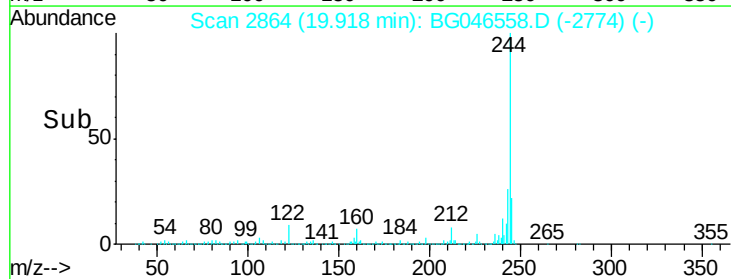
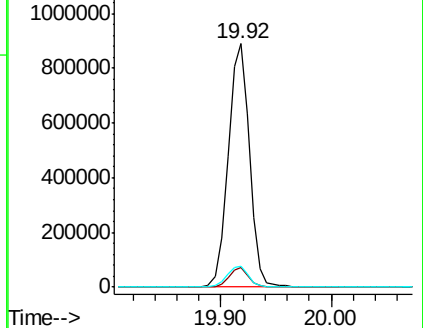
122 8.8 8.2 12.4

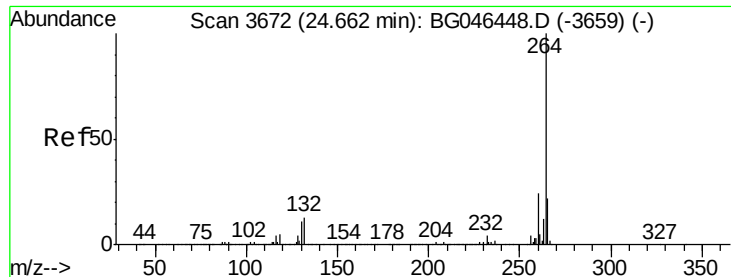


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.65 min Scan# 3669
 Delta R.T. -0.01 min
 Lab File: BG046558.D
 Acq: 8 Sep 2020 15:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.9	26.9

