

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046192.D
 Acq On : 7 Aug 2020 14:10
 Operator : CG/JU
 Sample : PB130804BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130804BL

Quant Time: Aug 07 17:27:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	111417	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	422882	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	274266	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	646721	20.00	ng	0.00
76) Chrysene-d12	21.56	240	822937	20.00	ng	-0.01
86) Perylene-d12	24.67	264	820277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	699934	109.21	ng	0.00
7) Phenol-d6	7.12	99	888318	101.70	ng	0.00
23) Nitrobenzene-d5	9.10	82	588626	75.36	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	485643	115.28	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1462447	77.46	ng	0.00
79) Terphenyl-d14	19.93	244	2415545	59.78	ng	0.00

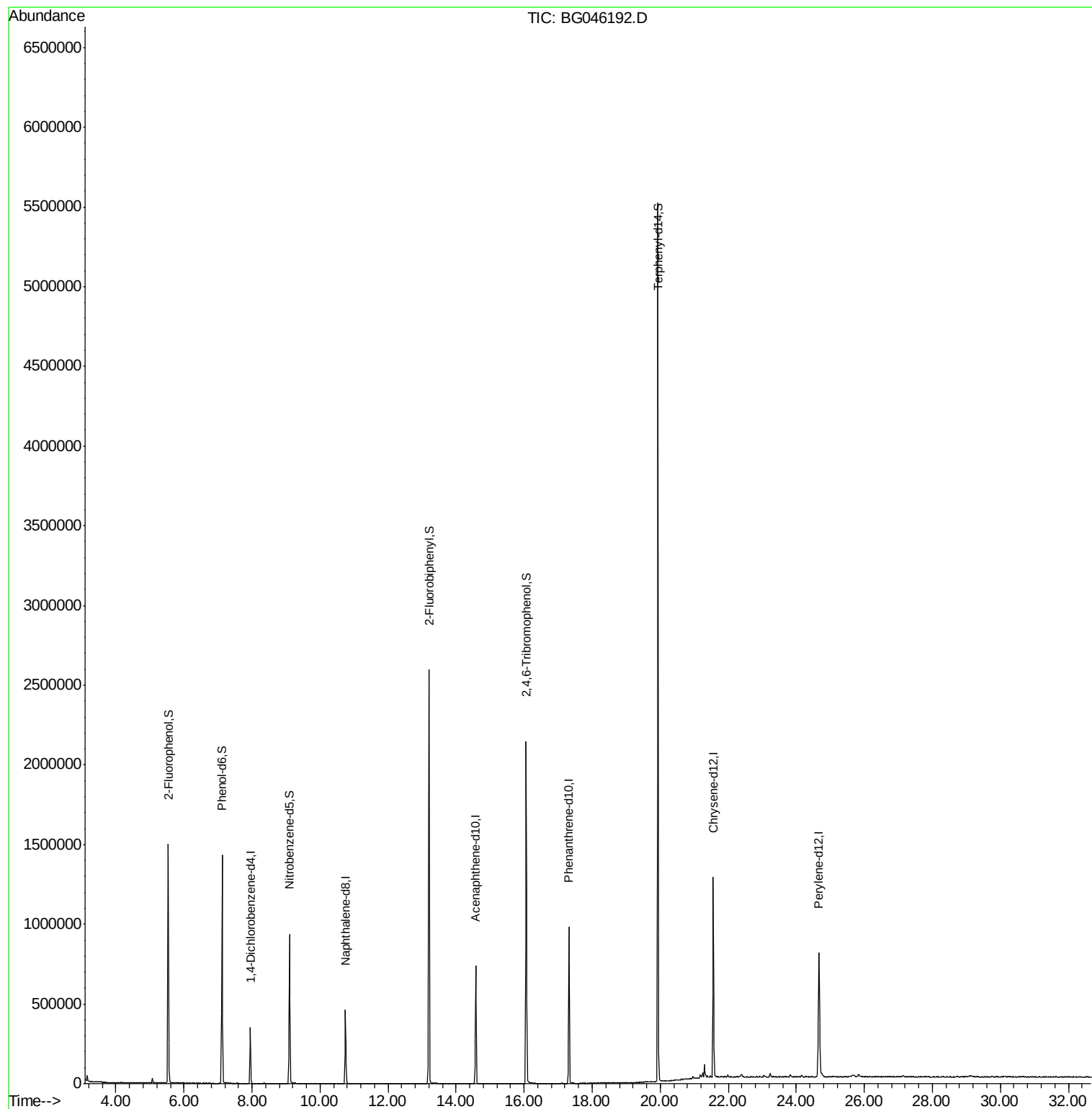
Target Compounds Qvalue

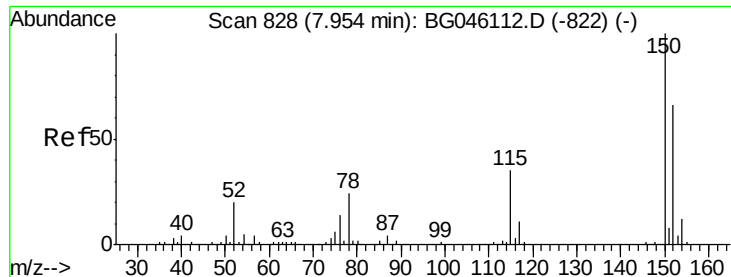
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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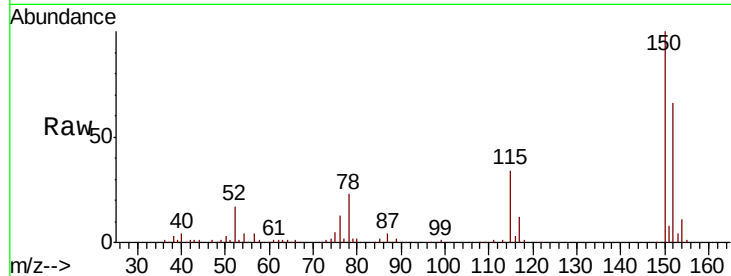


#1

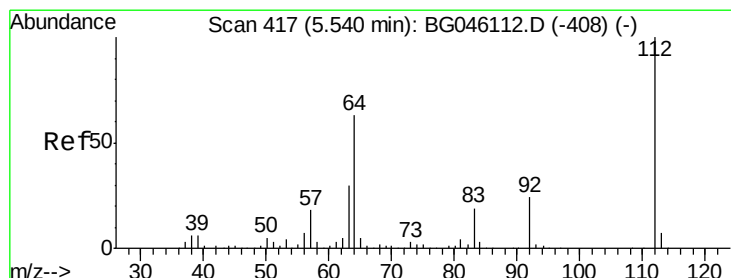
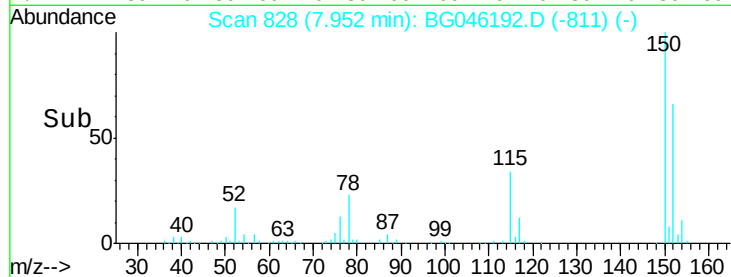
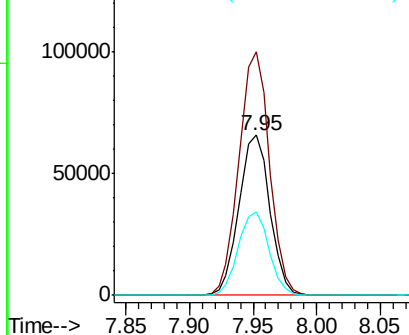
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046192.D
Acq: 7 Aug 2020 14:10

Instrument :
BNA_G
ClientSampleId :
PB130804BL

Tot Ion:152 Resp: 111417
Ion Ratio Lower Upper
152 100
150 151.9 122.1 183.1
115 52.1 43.2 64.8



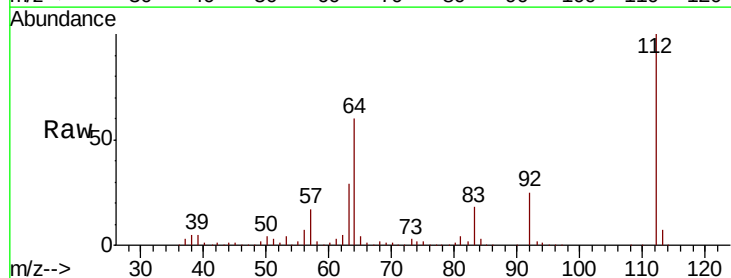
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



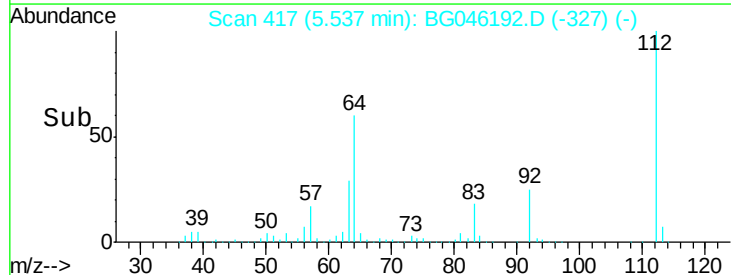
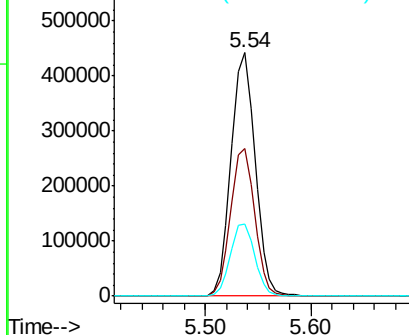
#5

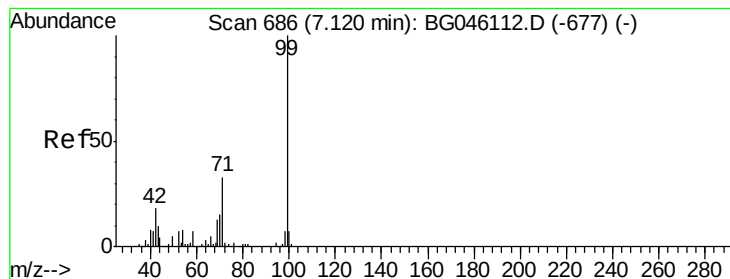
2-Fluorophenol
Concen: 109.206 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046192.D
Acq: 7 Aug 2020 14:10

Tgt Ion:112 Resp: 699934
Ion Ratio Lower Upper
112 100
64 60.4 50.2 75.2
63 29.5 24.2 36.4



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: 101.697 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046192.D

Acq: 7 Aug 2020 14:10

Instrument :

BNA_G

ClientSampleId :

PB130804BL

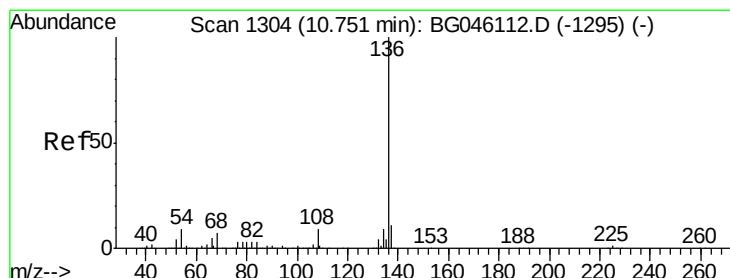
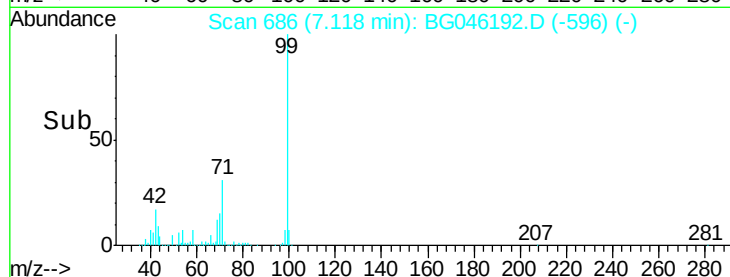
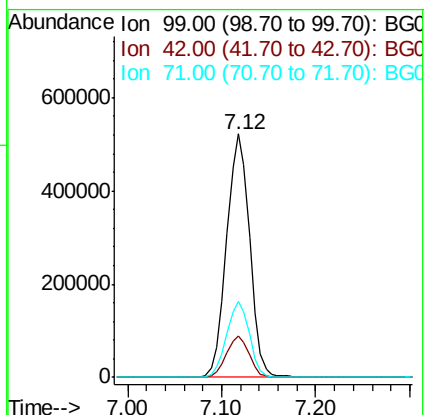
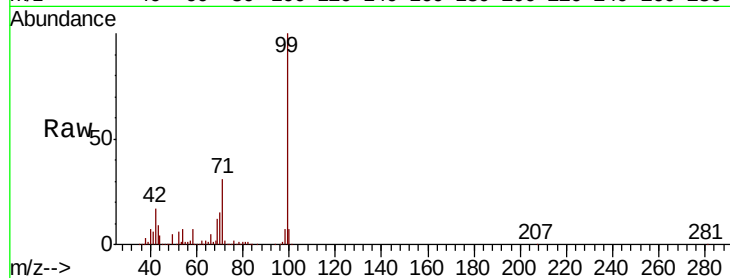
Tot Ion: 99 Resp: 888318

Ion Ratio Lower Upper

99 100

42 16.9 14.7 22.1

71 31.4 26.5 39.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG046192.D

Acq: 7 Aug 2020 14:10

Tgt Ion: 136 Resp: 422882

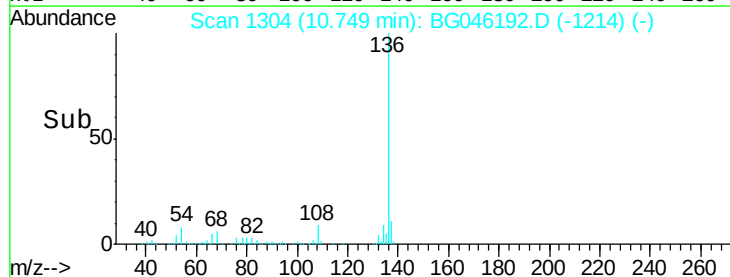
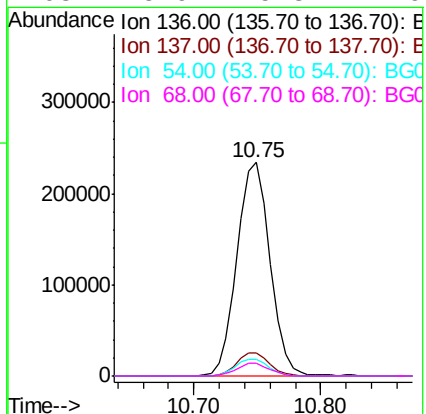
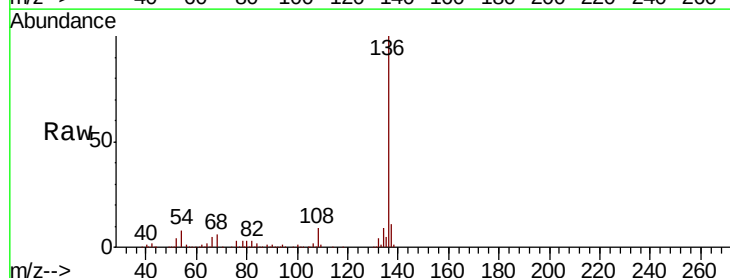
Ion Ratio Lower Upper

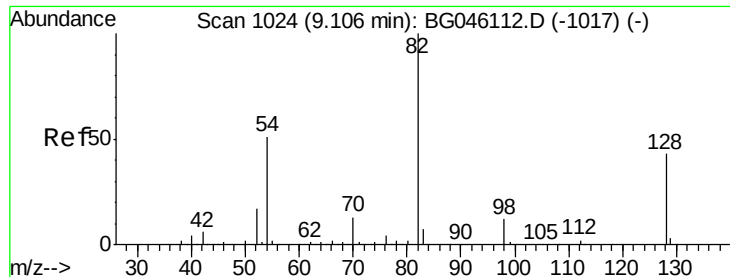
136 100

137 10.7 8.8 13.2

54 8.0 7.0 10.4

68 5.9 5.3 7.9

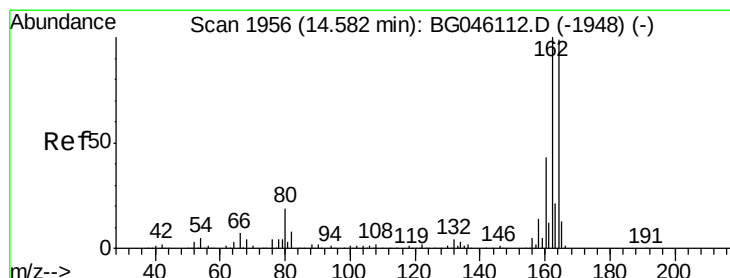
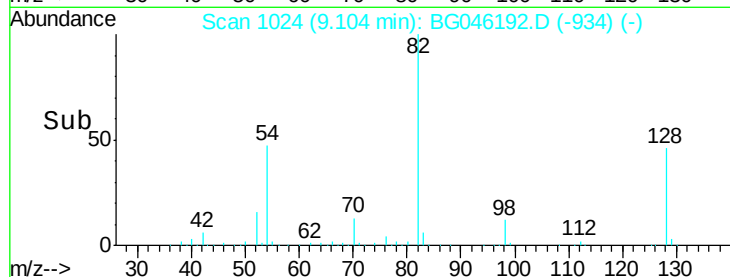
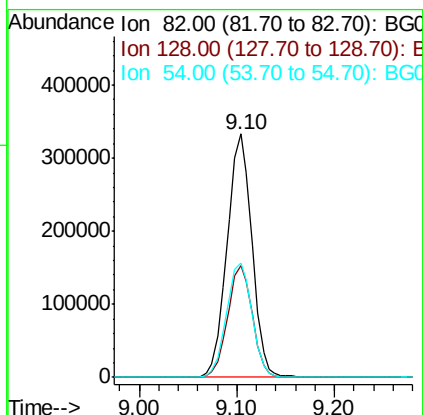
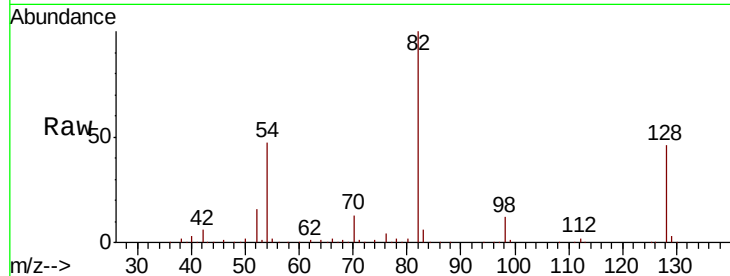




#23
 Nitrobenzene-d5
 Concen: 75.363 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG046192.D
 Acq: 7 Aug 2020 14:10

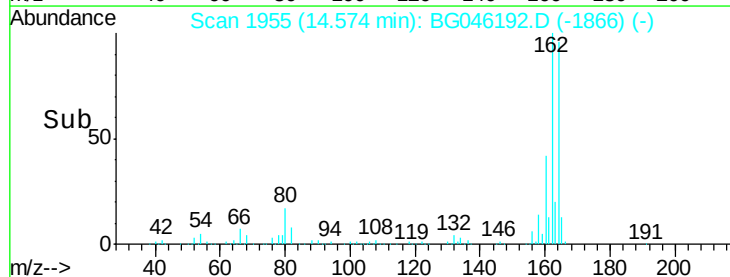
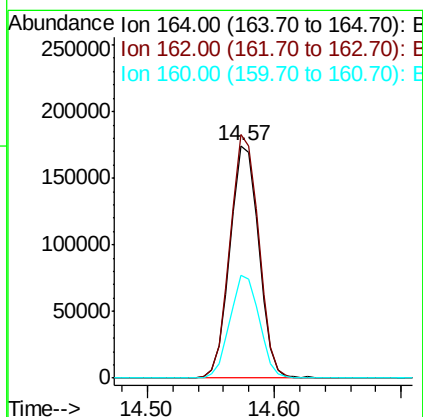
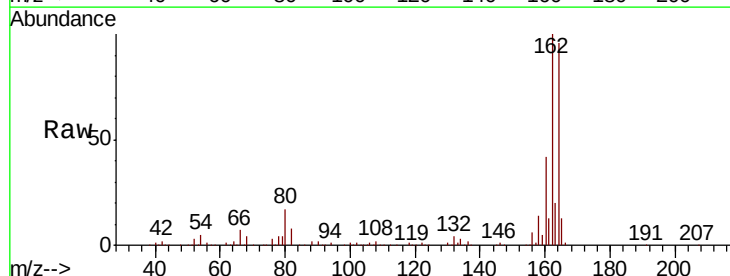
Instrument :
 BNA_G
 ClientSampleID :
 PB130804BL

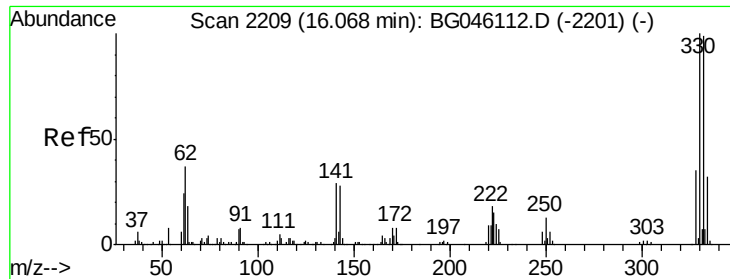
Tot Ion	82	Resp	588626
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.4	51.6
54	47.2	40.8	61.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG046192.D
 Acq: 7 Aug 2020 14:10

Tgt Ion	164	Resp	274266
Ion Ratio	Lower	Upper	
164	100		
162	104.6	80.6	121.0
160	44.3	34.9	52.3





#42

2,4,6-Tribromophenol

Concen: 115.281 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046192.D

Acq: 7 Aug 2020 14:10

Instrument :

BNA_G

ClientSampleId :

PB130804BL

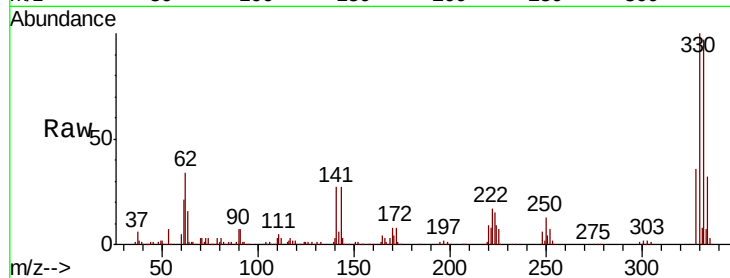
Tot Ion:330 Resp: 485643

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

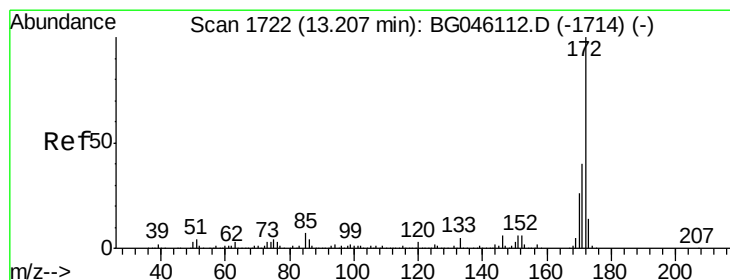
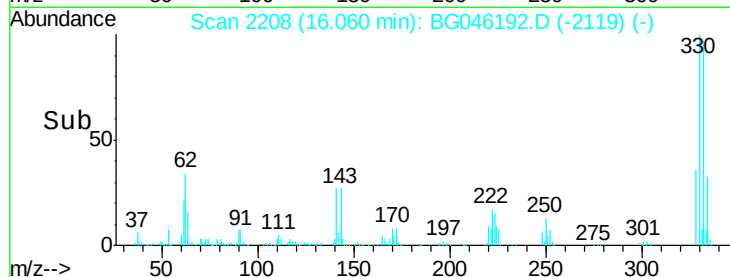
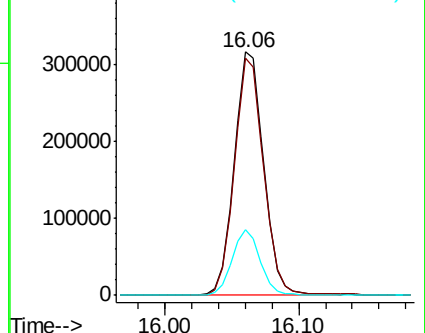
141 26.0 23.4 35.0



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: 77.458 ng

RT: 13.20 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BG046192.D

Acq: 7 Aug 2020 14:10

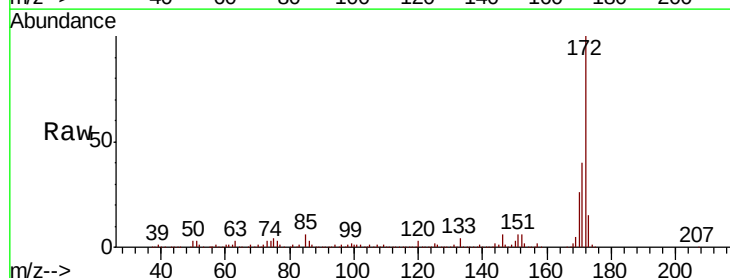
Tgt Ion:172 Resp: 1462447

Ion Ratio Lower Upper

172 100

171 39.8 31.7 47.5

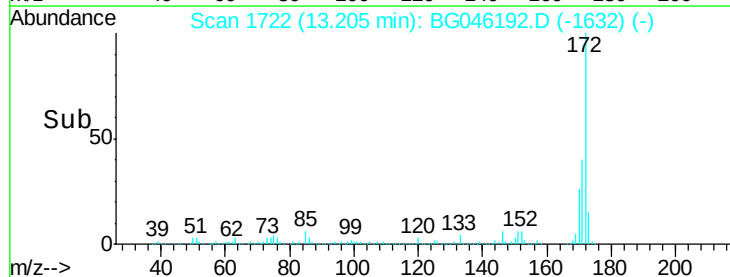
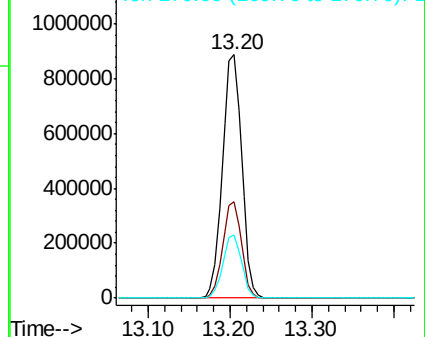
170 26.2 20.9 31.3

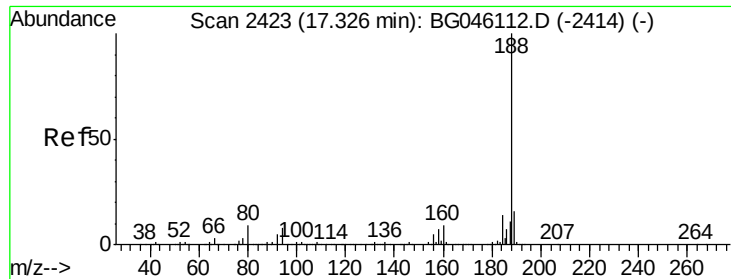


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046192.D

Acq: 7 Aug 2020 14:10

Instrument :

BNA_G

ClientSampleId :

PB130804BL

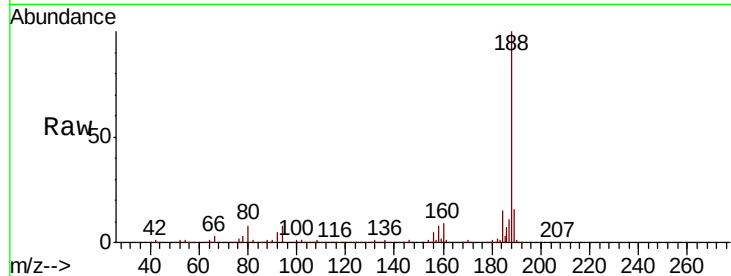
Tot Ion:188 Resp: 646721

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.5 7.4 11.0



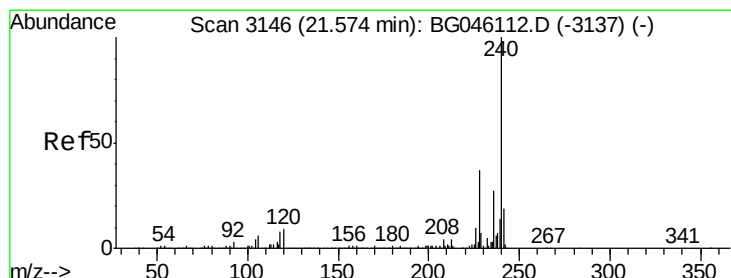
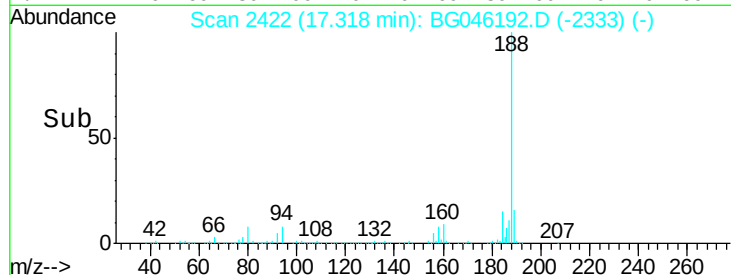
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.32

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG046192.D

Acq: 7 Aug 2020 14:10

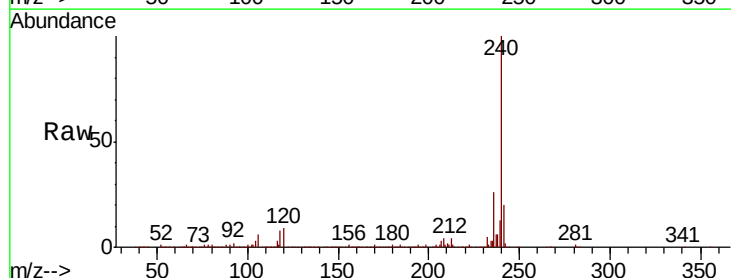
Tgt Ion:240 Resp: 822937

Ion Ratio Lower Upper

240 100

120 8.6 7.1 10.7

236 25.9 21.7 32.5



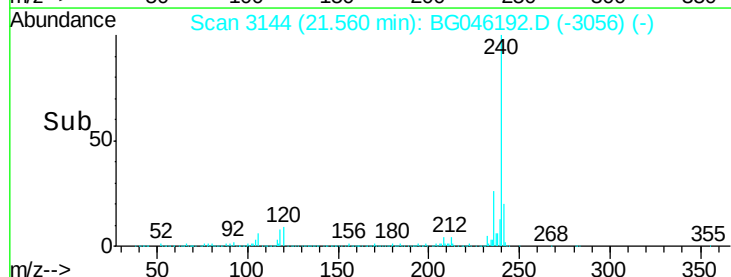
Abundance Ion 240.00 (239.70 to 240.70): E

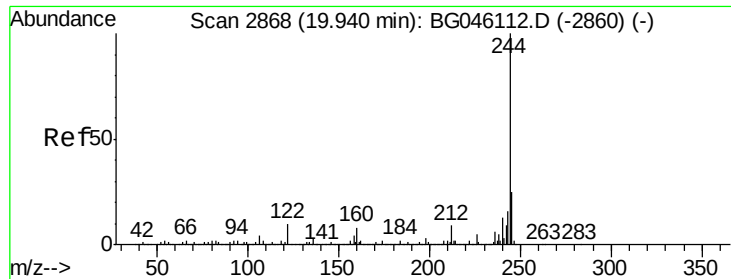
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.56

Time-->





#79

Terphenyl-d14

Concen: 59.781 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046192.D

Acq: 7 Aug 2020 14:10

Instrument :

BNA_G

ClientSampleId :

PB130804BL

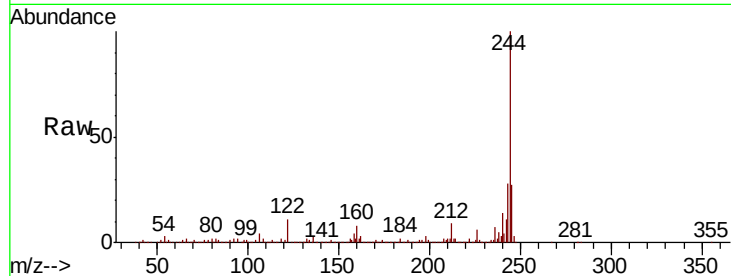
Tot Ion:244 Resp: 2415545

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

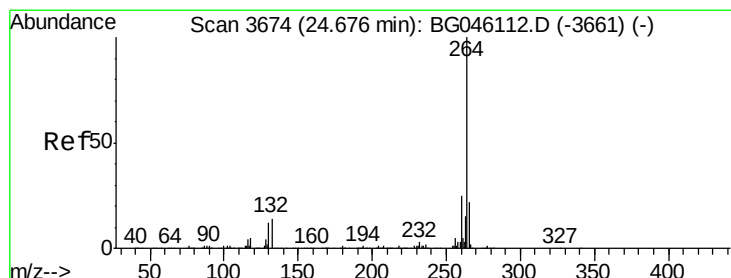
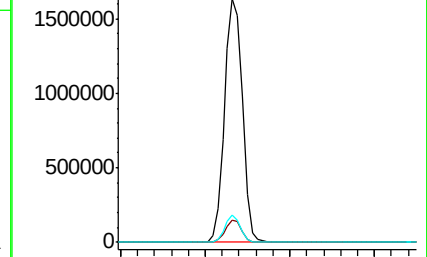
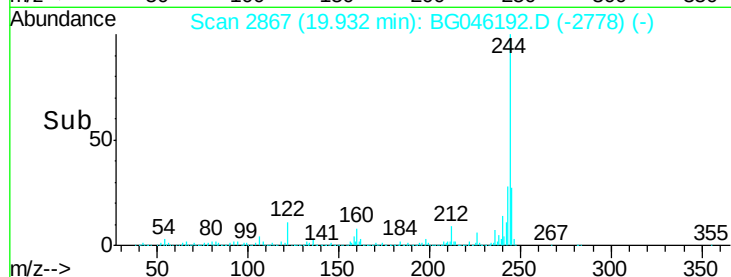
122 11.2 8.3 12.5



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: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046192.D

Acq: 7 Aug 2020 14:10

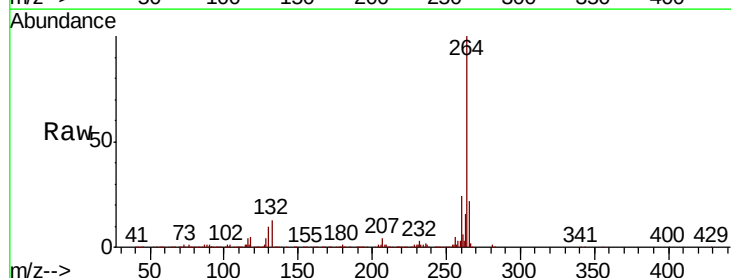
Tgt Ion:264 Resp: 820277

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 22.4 17.6 26.4



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

