

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046136.D
 Acq On : 31 Jul 2020 23:32
 Operator : CG/JU
 Sample : PB130658BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BL

Quant Time: Aug 01 02:55:06 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	7.96	152	92222	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	352053	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	223072	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	534324	20.00	ng	0.00
76) Chrysene-d12	21.56	240	646879	20.00	ng	-0.01
86) Perylene-d12	24.67	264	641727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	545496	102.83	ng	0.00
7) Phenol-d6	7.12	99	689522	95.37	ng	0.00
23) Nitrobenzene-d5	9.10	82	460575	70.83	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	332434	97.02	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1065203	69.37	ng	0.00
79) Terphenyl-d14	19.94	244	1865857	58.74	ng	0.00

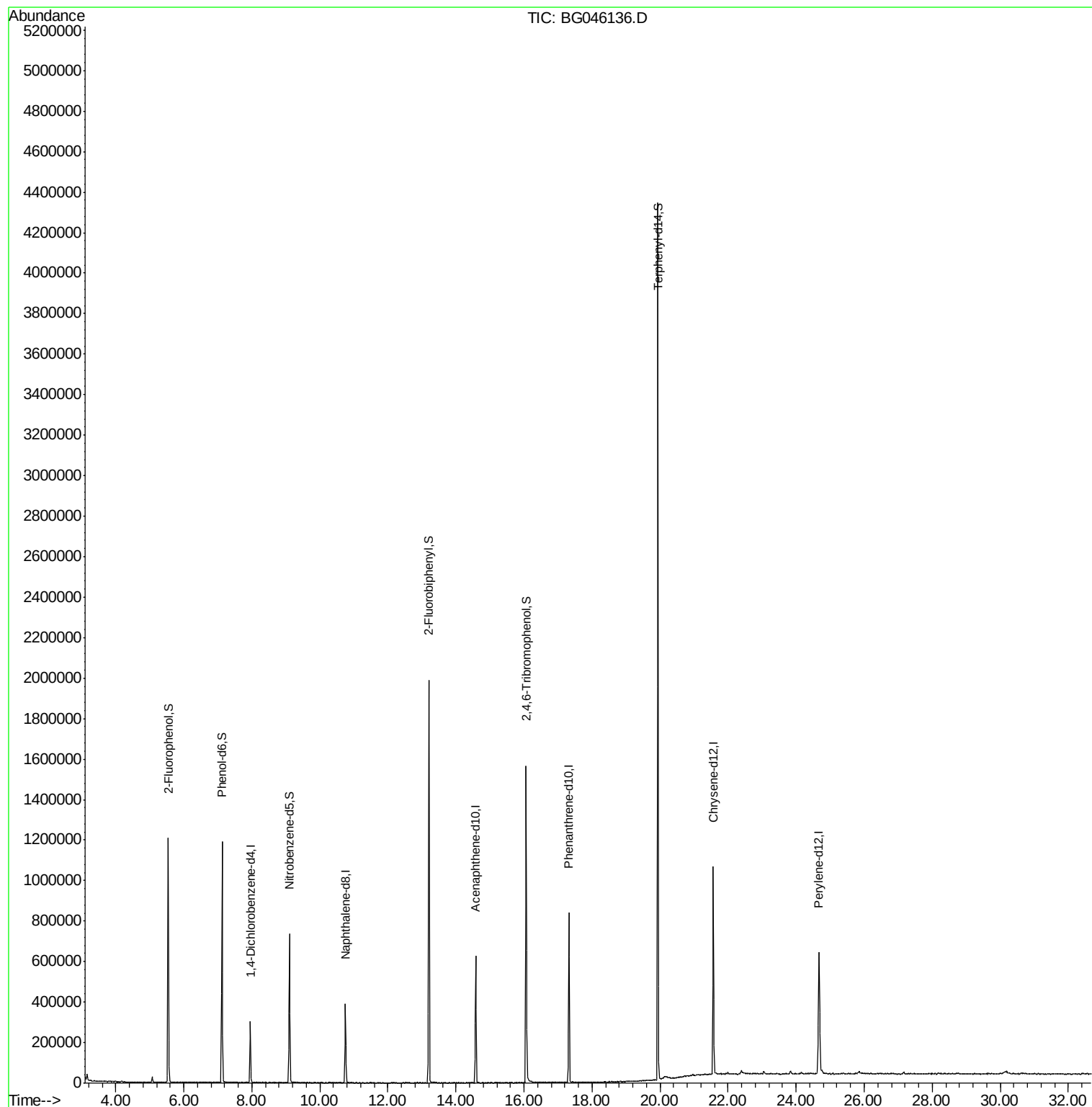
Target Compounds Qvalue

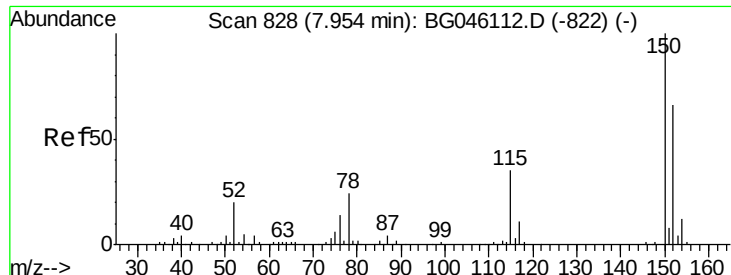
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

Instrument :

BNA_G

ClientSampleId :

PB130658BL

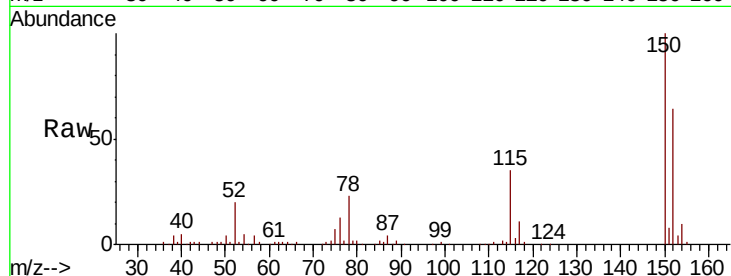
Tot Ion:152 Resp: 92222

Ion Ratio Lower Upper

152 100

150 155.5 122.1 183.1

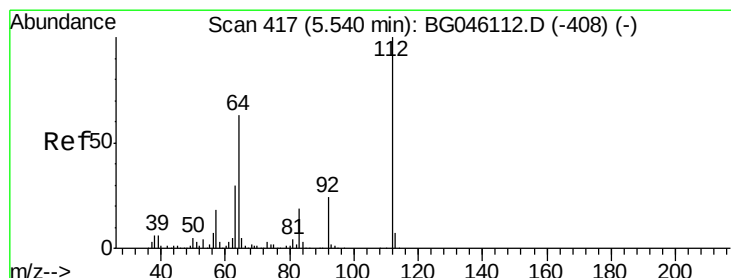
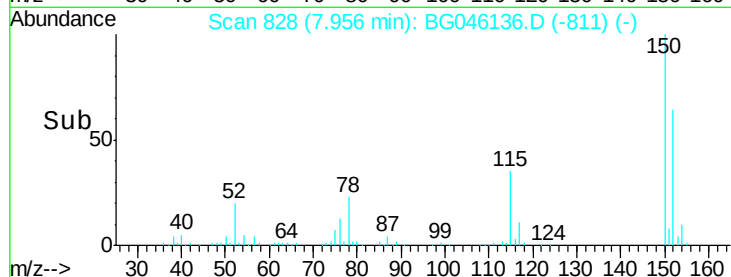
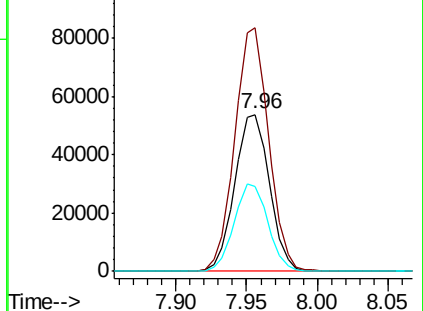
115 54.6 43.2 64.8



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: 102.825 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

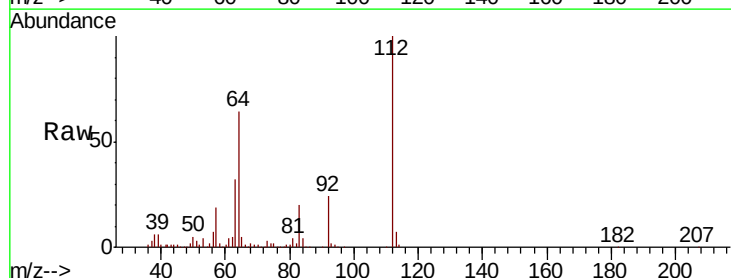
Tgt Ion:112 Resp: 545496

Ion Ratio Lower Upper

112 100

64 63.6 50.2 75.2

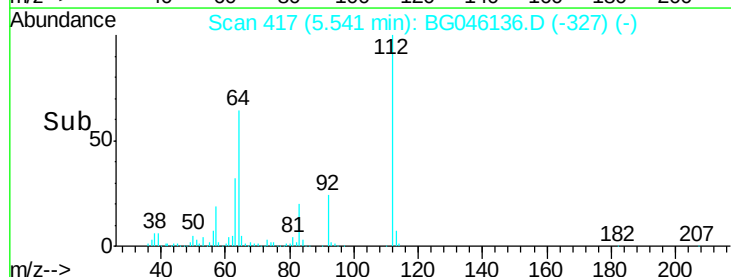
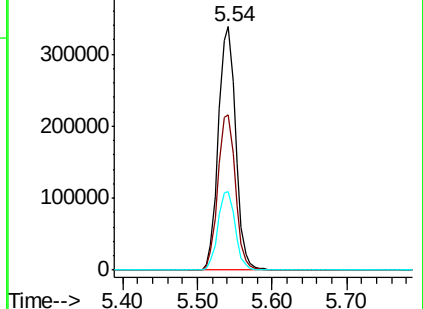
63 32.4 24.2 36.4

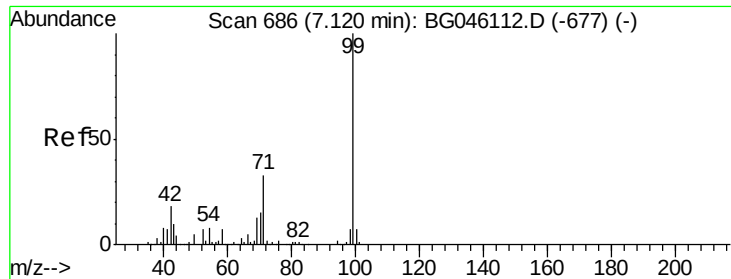


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 95.368 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

Instrument :

BNA_G

ClientSampleId :

PB130658BL

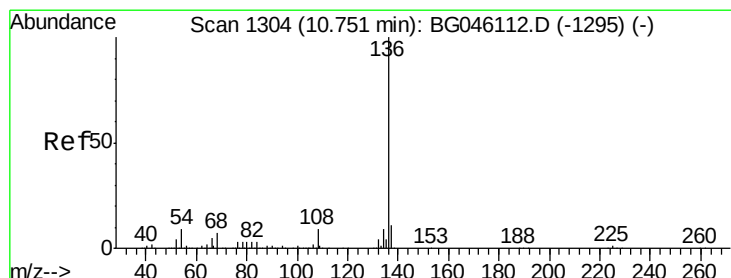
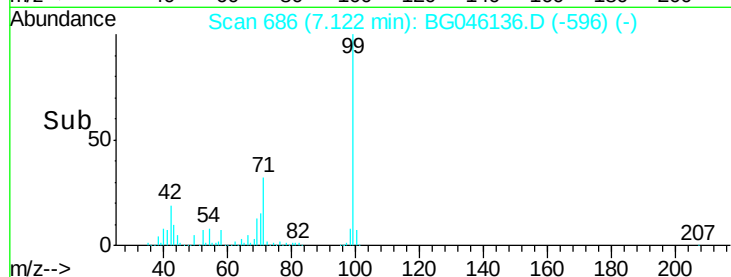
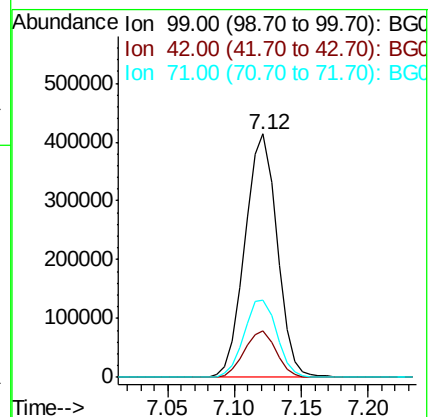
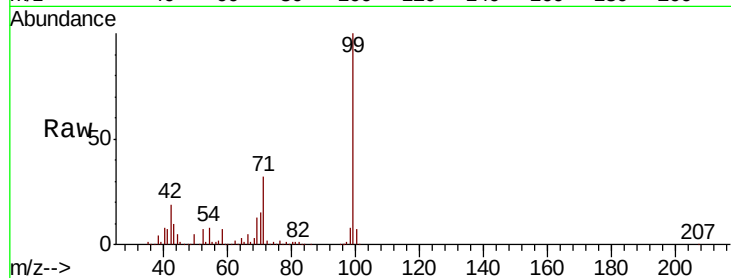
Tot Ion: 99 Resp: 689522

Ion Ratio Lower Upper

99 100

42 19.1 14.7 22.1

71 31.6 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: BG046136.D

Acq: 31 Jul 2020 23:32

Tgt Ion: 136 Resp: 352053

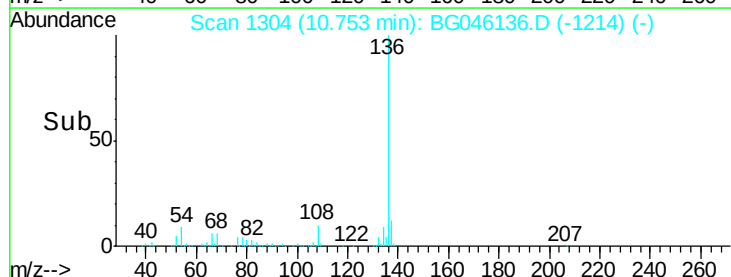
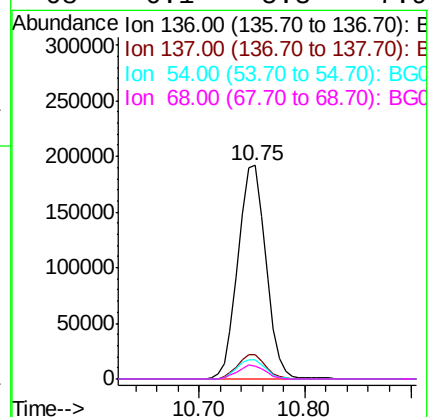
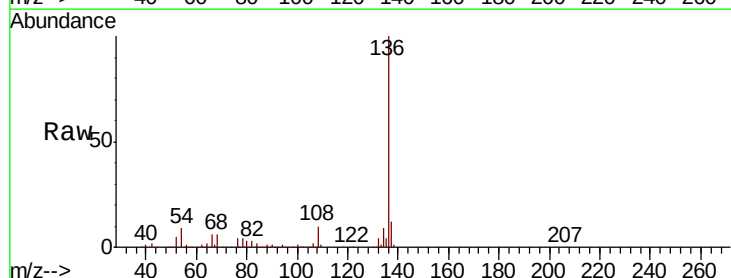
Ion Ratio Lower Upper

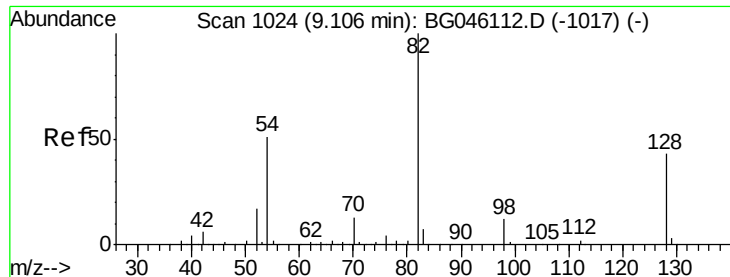
136 100

137 11.7 8.8 13.2

54 9.1 7.0 10.4

68 6.1 5.3 7.9

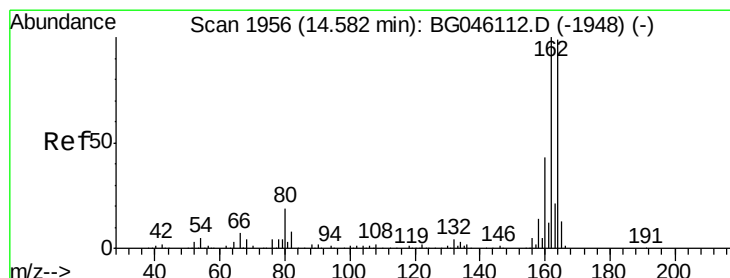
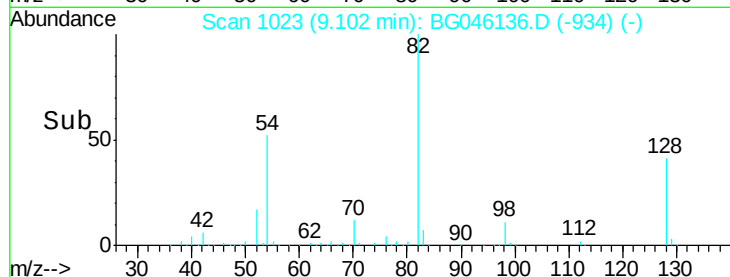
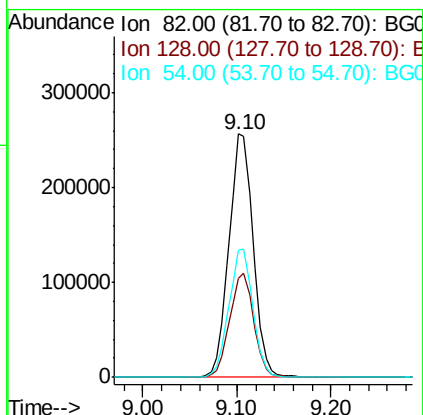
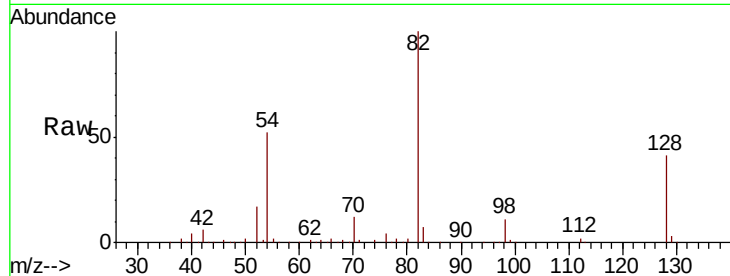




#23
 Nitrobenzene-d5
 Concen: 70.833 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG046136.D
 Acq: 31 Jul 2020 23:32

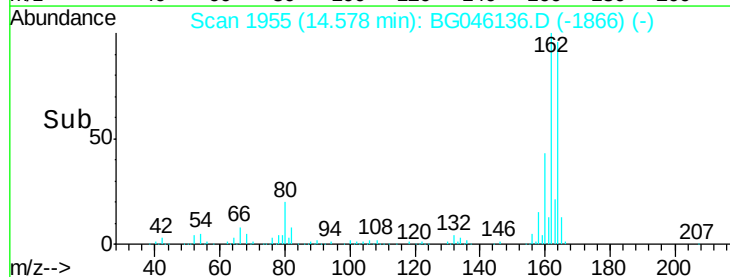
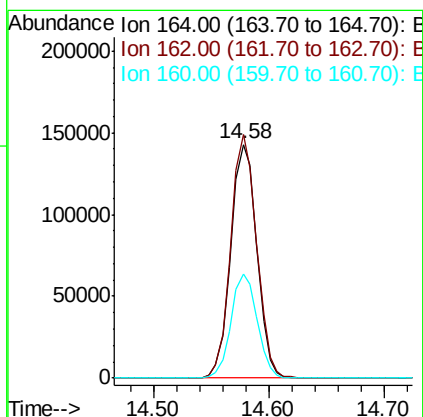
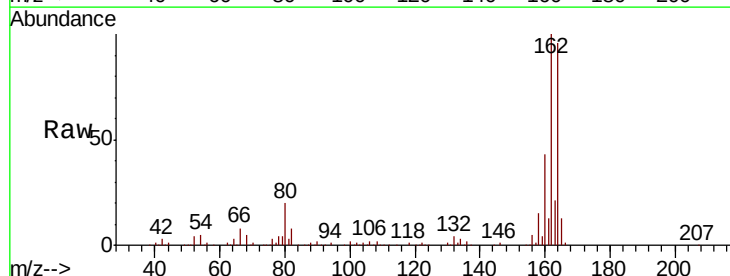
Instrument :
 BNA_G
 ClientSampleId :
 PB130658BL

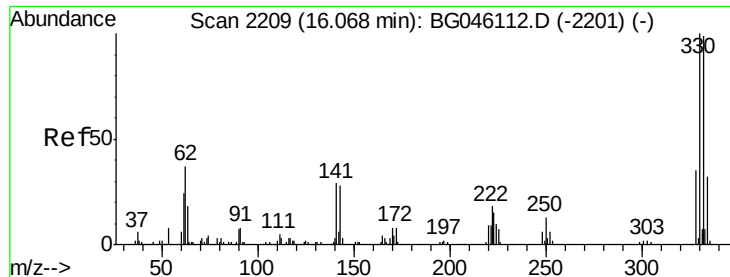
Tot Ion	82	Resp	460575
Ion Ratio	100		
Lower	34.4		
Upper	51.6		
54	52.0	40.8	61.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BG046136.D
 Acq: 31 Jul 2020 23:32

Tgt Ion	164	Resp	223072
Ion Ratio	100		
Lower	80.6		
Upper	121.0		
162	104.1	34.9	52.3





#42

2,4,6-Tribromophenol

Concen: 97.023 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

Instrument :

BNA_G

ClientSampleId :

PB130658BL

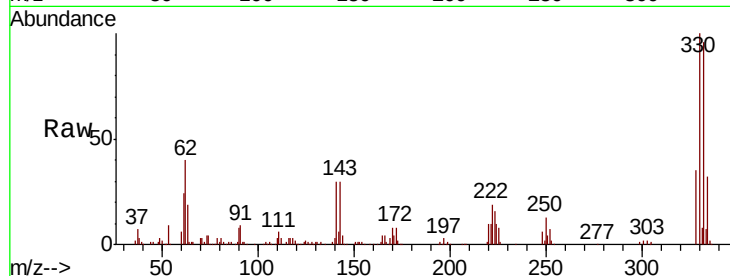
Tot Ion:330 Resp: 332434

Ion Ratio Lower Upper

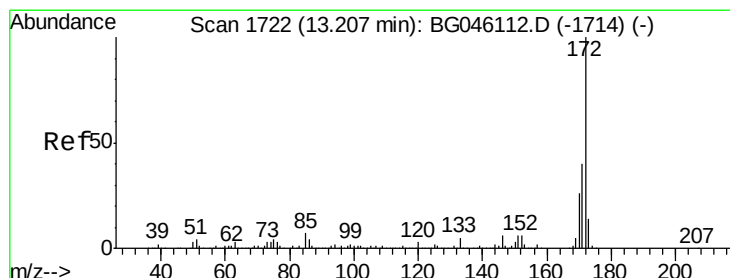
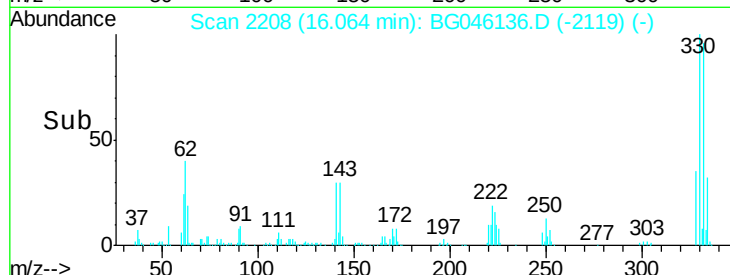
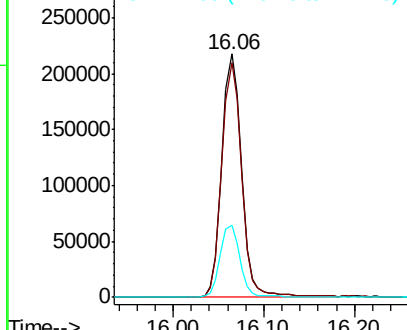
330 100

332 96.9 77.4 116.2

141 30.0 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: 69.365 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

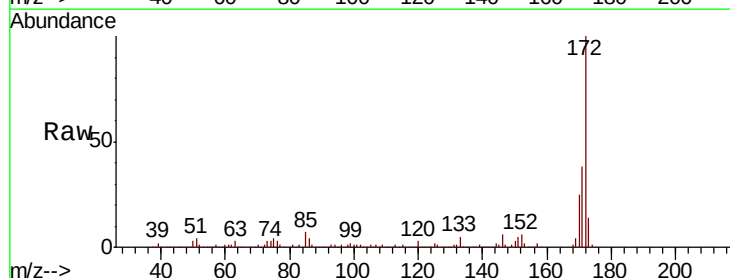
Tgt Ion:172 Resp: 1065203

Ion Ratio Lower Upper

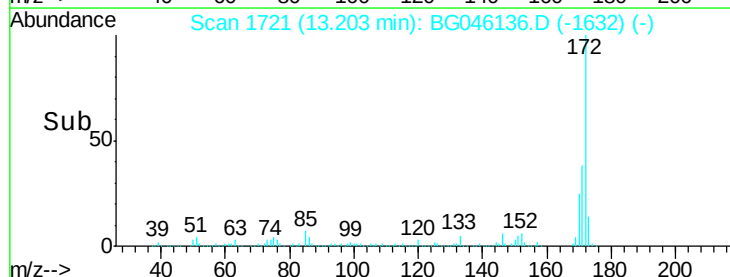
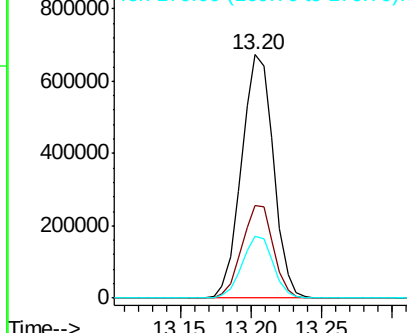
172 100

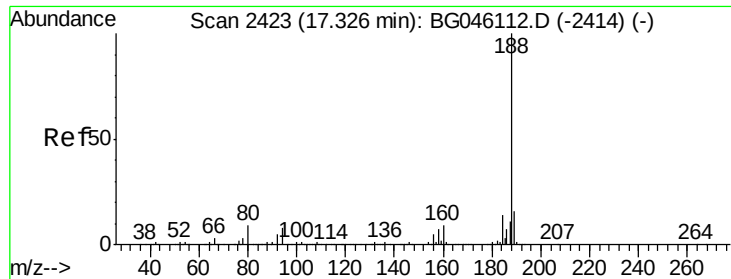
171 38.1 31.7 47.5

170 25.2 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. -0.00 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

Instrument :

BNA_G

ClientSampleId :

PB130658BL

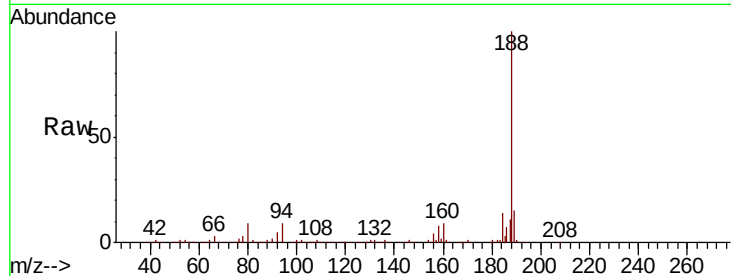
Tot Ion:188 Resp: 534324

Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

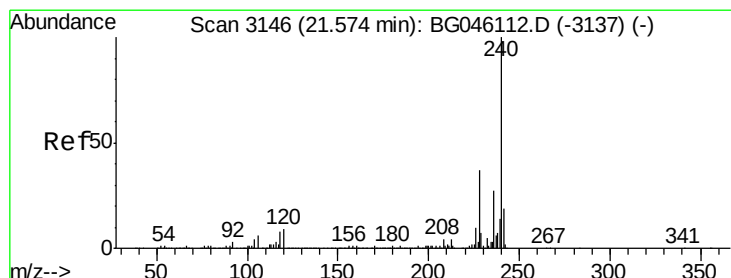
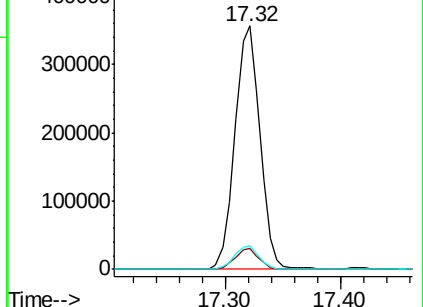
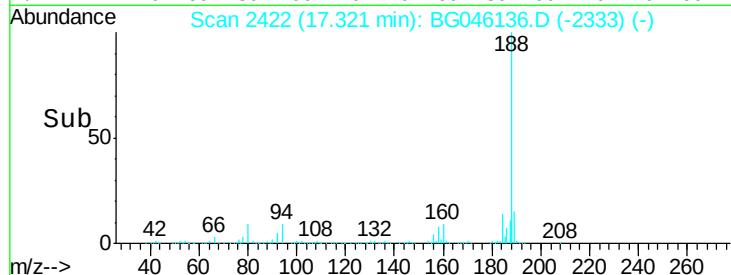
80 9.5 7.4 11.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

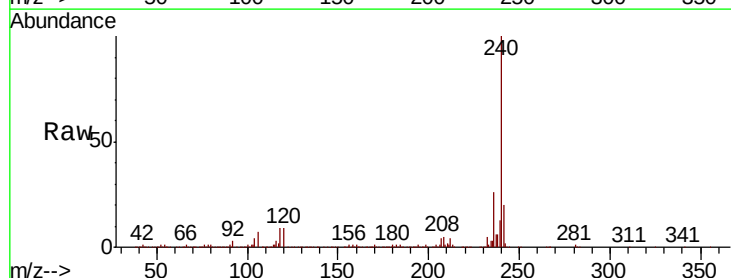
Tgt Ion:240 Resp: 646879

Ion Ratio Lower Upper

240 100

120 9.2 7.1 10.7

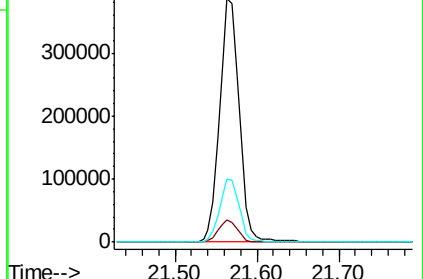
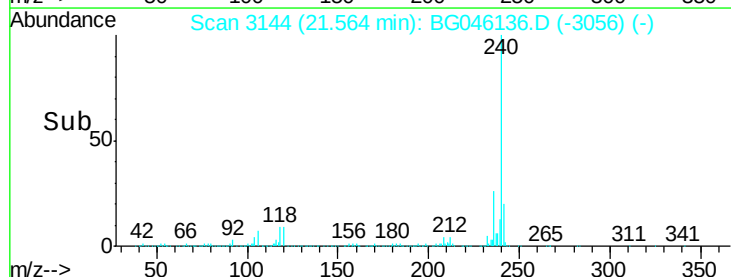
236 26.2 21.7 32.5

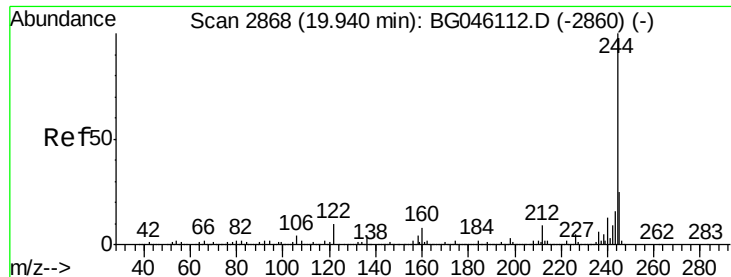


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.744 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

Instrument :

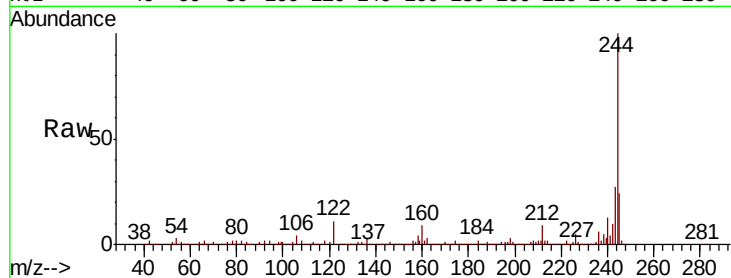
BNA_G

ClientSampleId :

PB130658BL

Tot Ion:244 Resp: 1865857

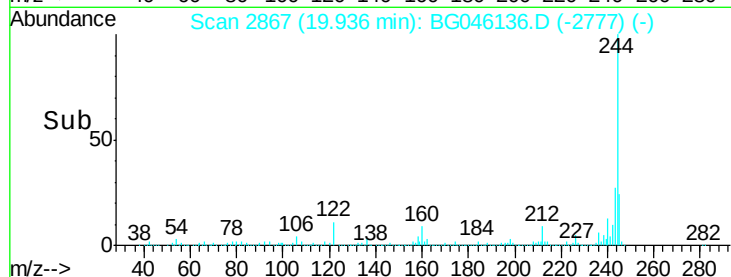
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.2	10.8
122	10.8	8.3	12.5



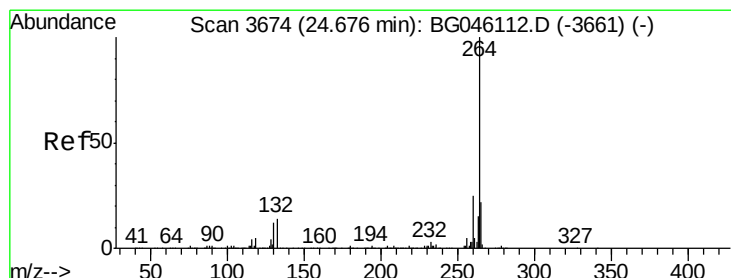
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

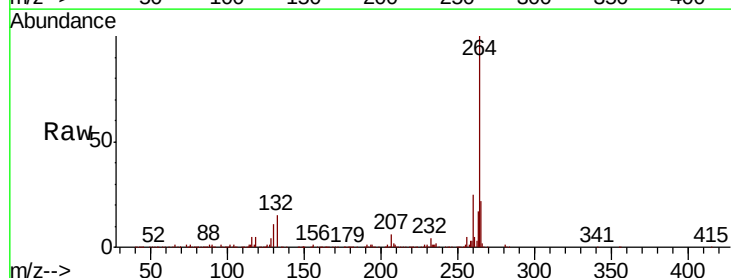
Delta R.T. -0.00 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

Tgt Ion:264 Resp: 641727

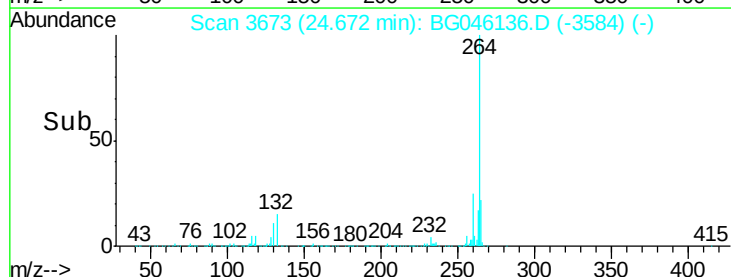
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.3	17.6	26.4



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



Time-->