

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080420\
 Data File : BG046164.D
 Acq On : 4 Aug 2020 10:00
 Operator : CG/JU
 Sample : PB130683BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BL

Quant Time: Aug 04 10:58:34 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	90257	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	355574	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	231751	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	557434	20.00	ng	0.00
76) Chrysene-d12	21.57	240	621340	20.00	ng	0.00
86) Perylene-d12	24.67	264	635099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	597770	115.13	ng	0.00
7) Phenol-d6	7.12	99	778489	110.02	ng	0.00
23) Nitrobenzene-d5	9.10	82	521724	79.44	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	392440	110.25	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1267794	79.47	ng	0.00
79) Terphenyl-d14	19.93	244	2016927	66.11	ng	0.00

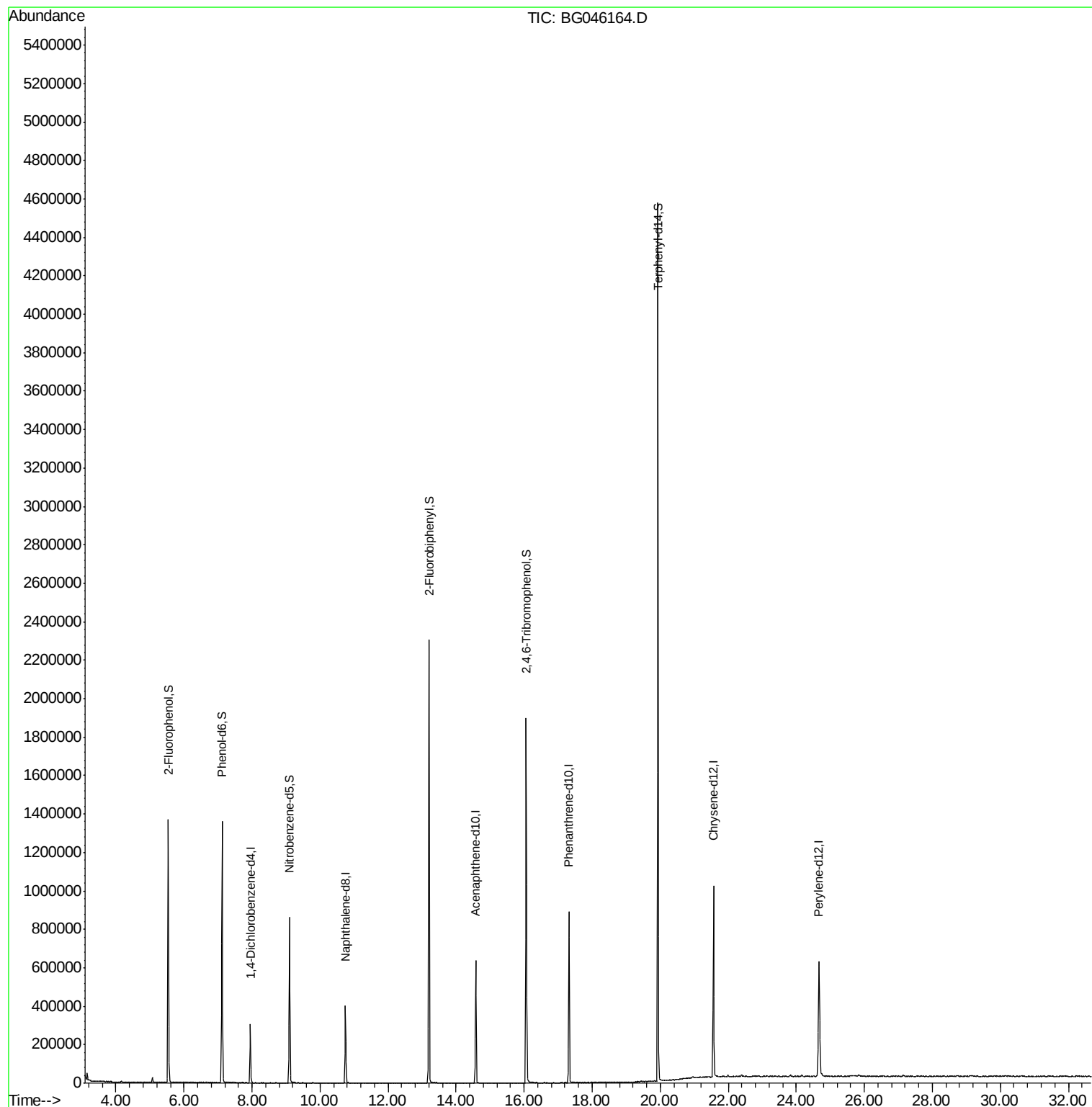
Target Compounds	Qvalue
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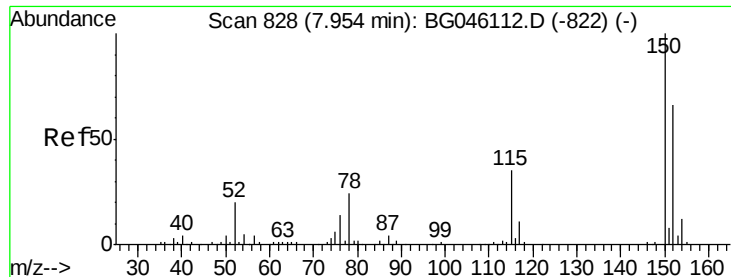
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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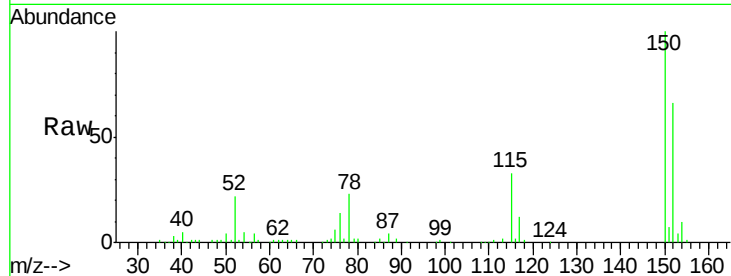


#1

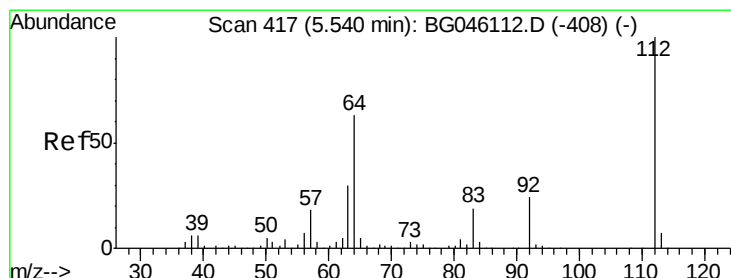
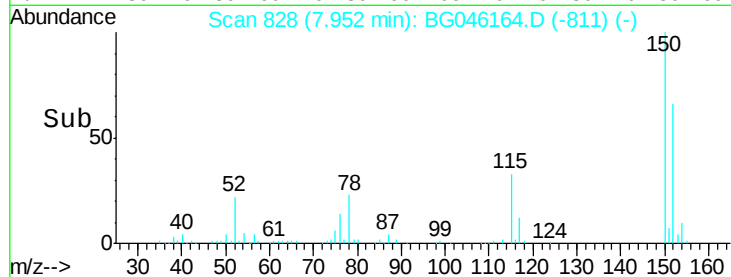
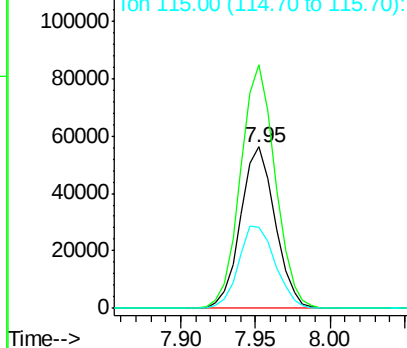
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046164.D
Acq: 4 Aug 2020 10:00

Instrument :
BNA_G
ClientSampleId :
PB130683BL

Tgt Ion:152 Resp: 90257
Ion Ratio Lower Upper
152 100
150 151.1 122.1 183.1
115 50.5 43.2 64.8



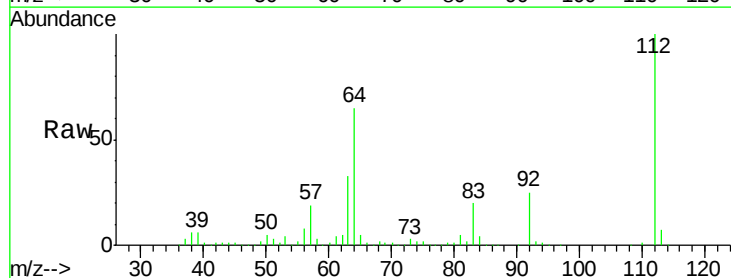
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



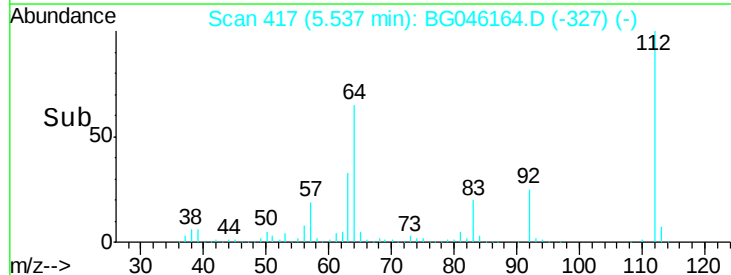
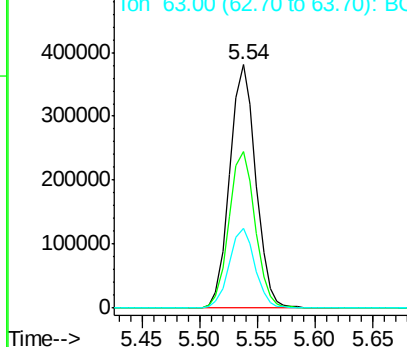
#5

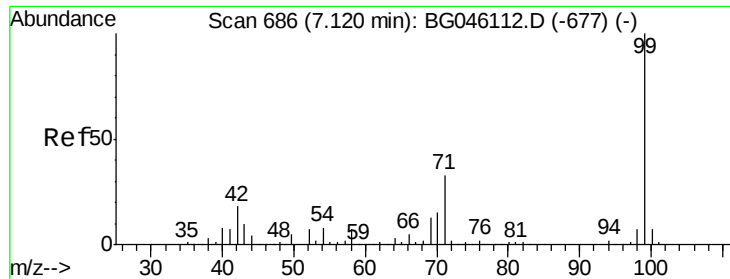
2-Fluorophenol
Concen: 115.132 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046164.D
Acq: 4 Aug 2020 10:00

Tgt Ion:112 Resp: 597770
Ion Ratio Lower Upper
112 100
64 64.6 50.2 75.2
63 32.6 24.2 36.4



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: 110.017 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046164.D

Acq: 4 Aug 2020 10:00

Instrument :

BNA_G

ClientSampleId :

PB130683BL

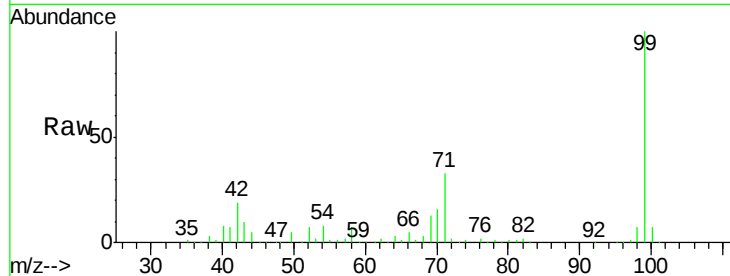
Tgt Ion: 99 Resp: 778489

Ion Ratio Lower Upper

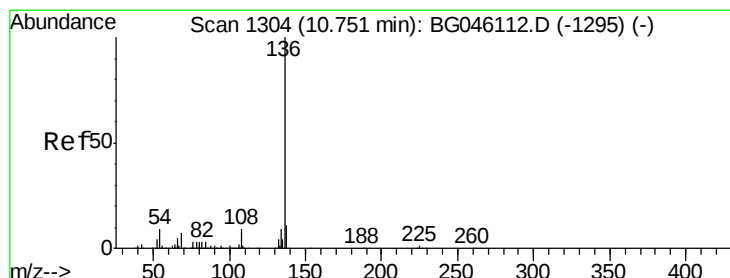
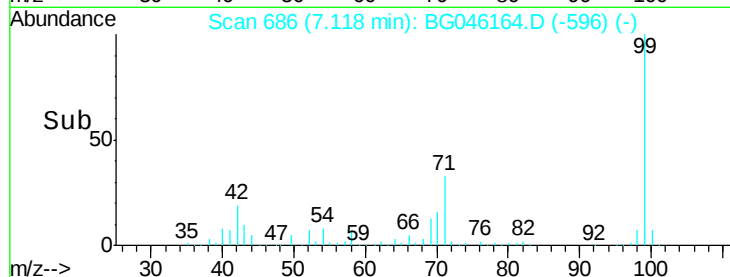
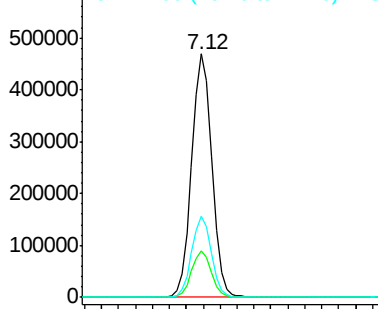
99 100

42 19.4 14.7 22.1

71 33.1 26.5 39.7



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: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG046164.D

Acq: 4 Aug 2020 10:00

Tgt Ion: 136 Resp: 355574

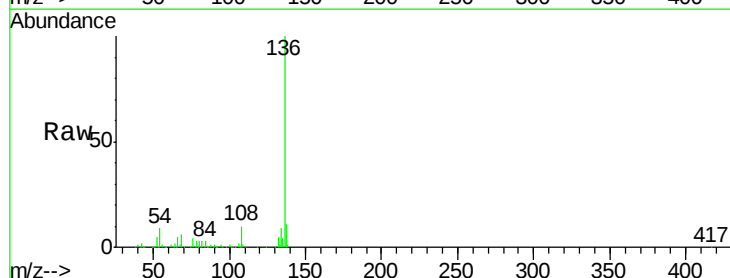
Ion Ratio Lower Upper

136 100

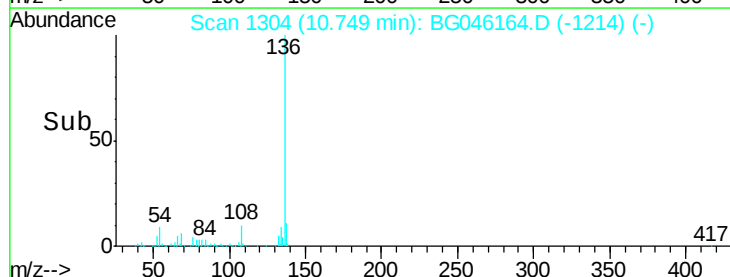
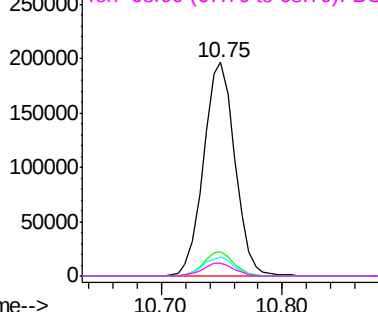
137 11.4 8.8 13.2

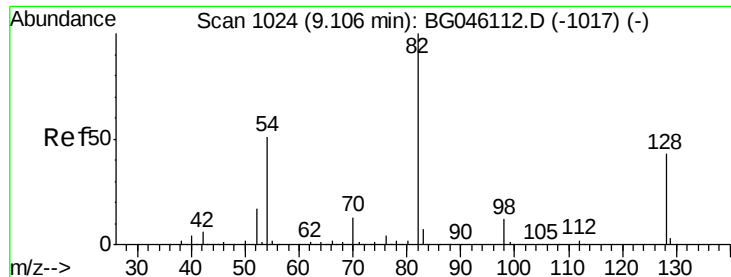
54 9.3 7.0 10.4

68 6.1 5.3 7.9



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

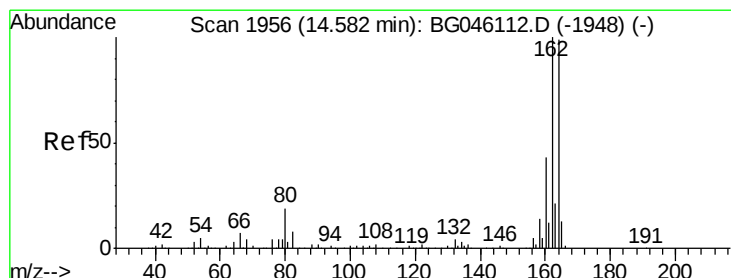
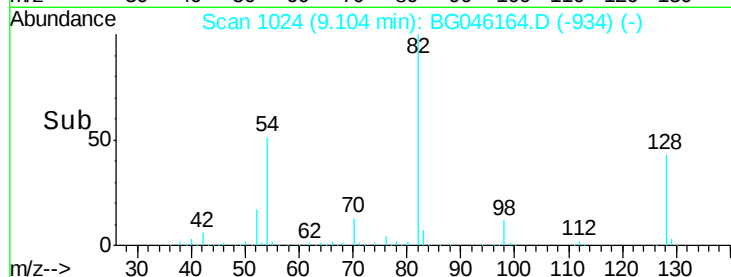
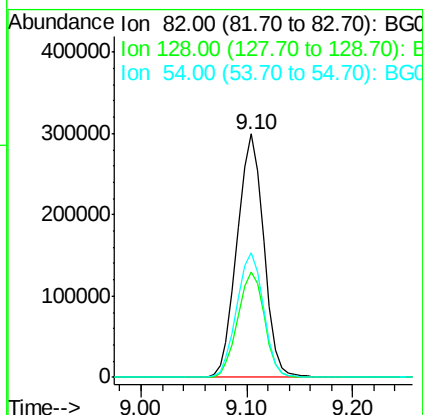
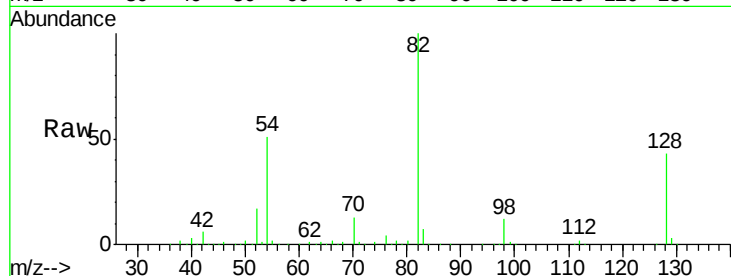




#23
Nitrobenzene-d5
Concen: 79.442 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046164.D
Acq: 4 Aug 2020 10:00

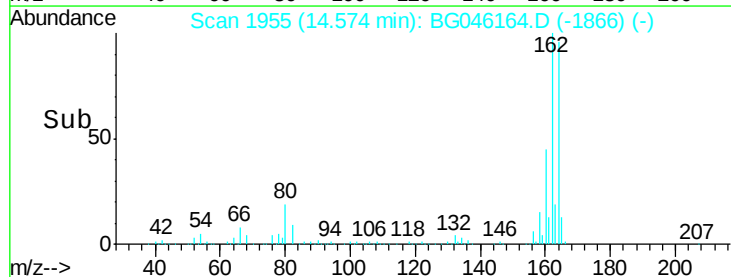
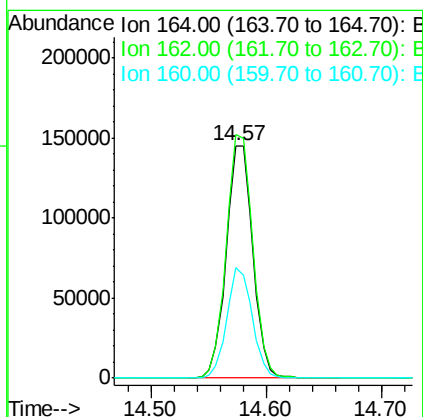
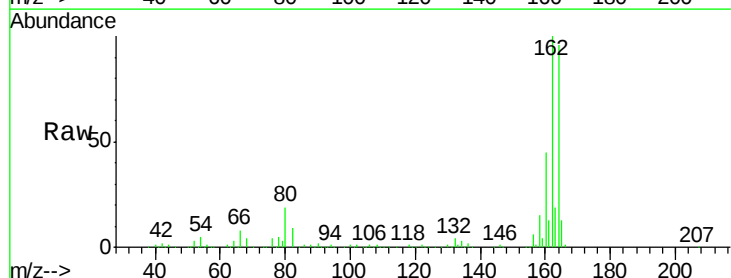
Instrument :
BNA_G
ClientSampleId :
PB130683BL

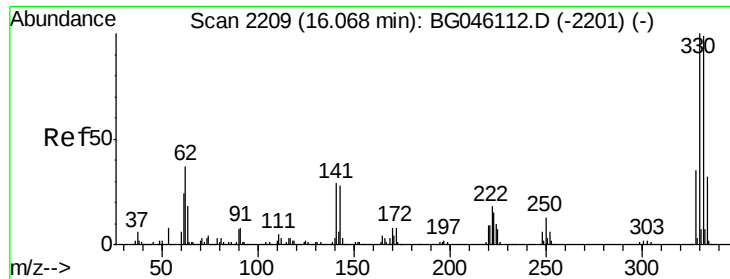
Tgt Ion: 82 Resp: 521724
Ion Ratio Lower Upper
82 100
128 43.5 34.4 51.6
54 51.3 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046164.D
Acq: 4 Aug 2020 10:00

Tgt Ion: 164 Resp: 231751
Ion Ratio Lower Upper
164 100
162 104.6 80.6 121.0
160 47.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 110.247 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046164.D

Acq: 4 Aug 2020 10:00

Instrument :

BNA_G

ClientSampleId :

PB130683BL

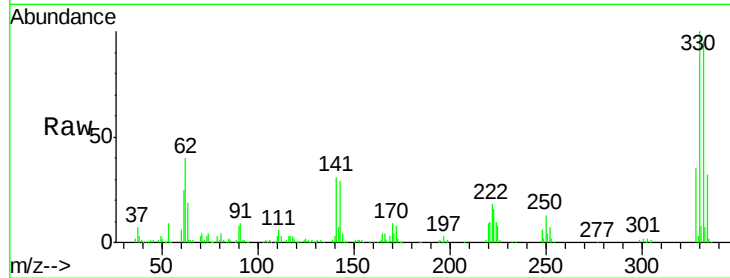
Tgt Ion:330 Resp: 392440

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

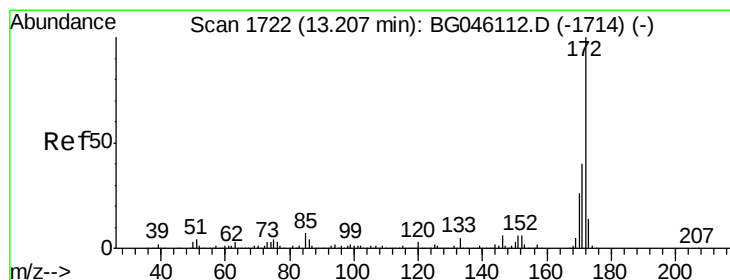
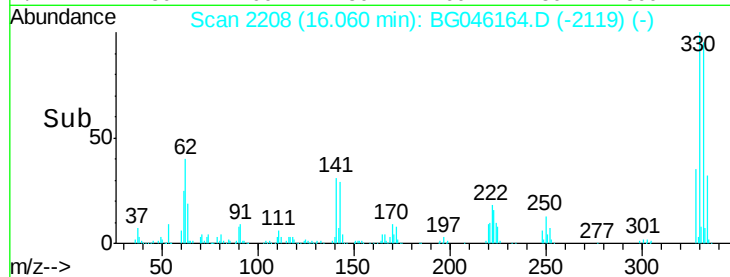
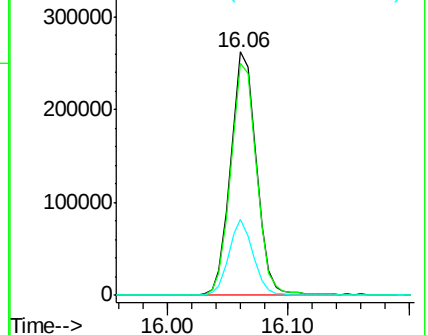
141 29.6 23.4 35.0



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: 79.466 ng

RT: 13.20 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BG046164.D

Acq: 4 Aug 2020 10:00

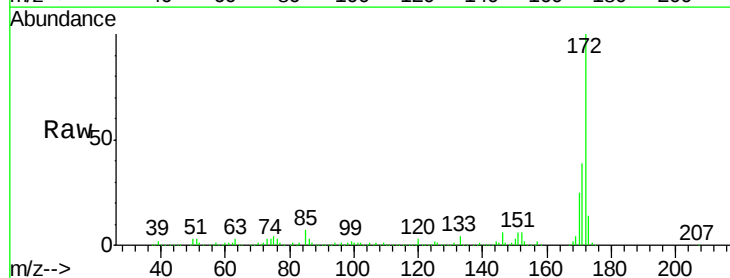
Tgt Ion:172 Resp: 1267794

Ion Ratio Lower Upper

172 100

171 38.8 31.7 47.5

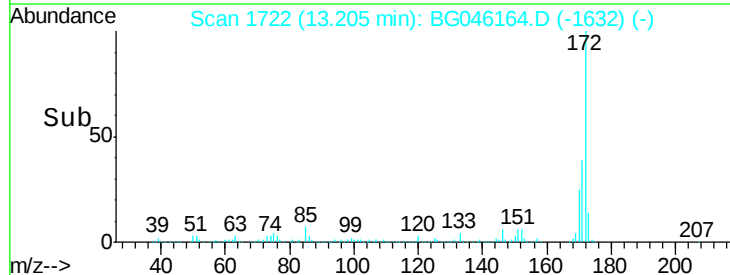
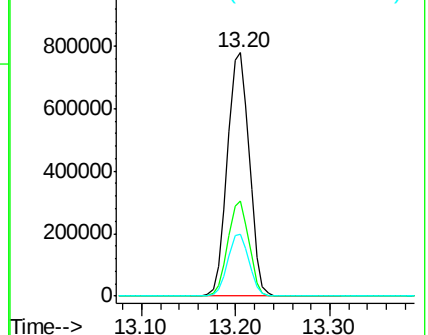
170 25.4 20.9 31.3

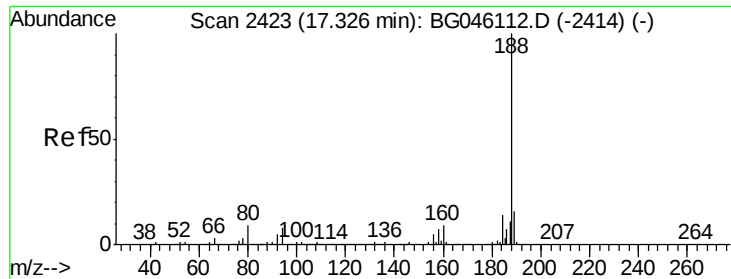


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG046164.D

Acq: 4 Aug 2020 10:00

Instrument :

BNA_G

ClientSampleId :

PB130683BL

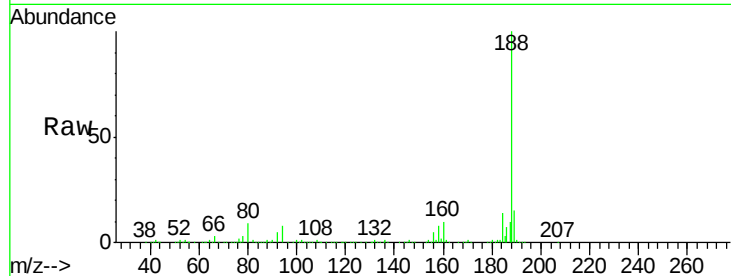
Tgt Ion:188 Resp: 557434

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

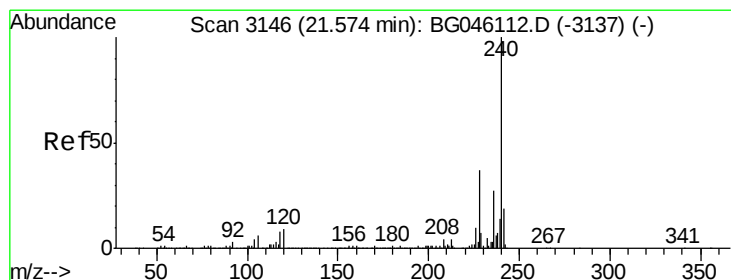
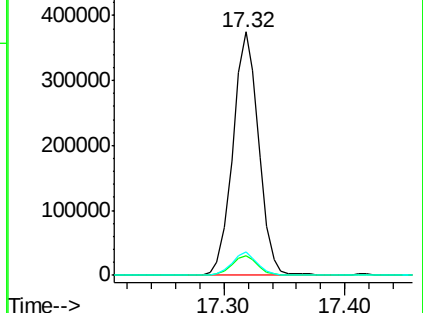
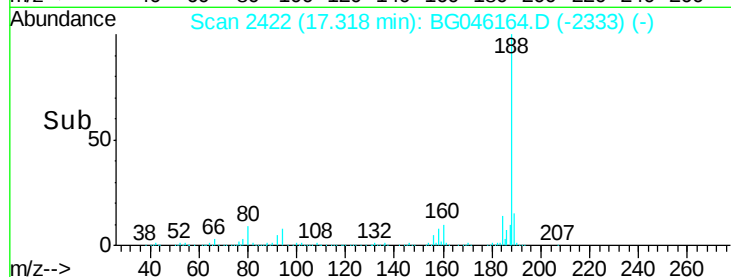
80 9.5 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046164.D

Acq: 4 Aug 2020 10:00

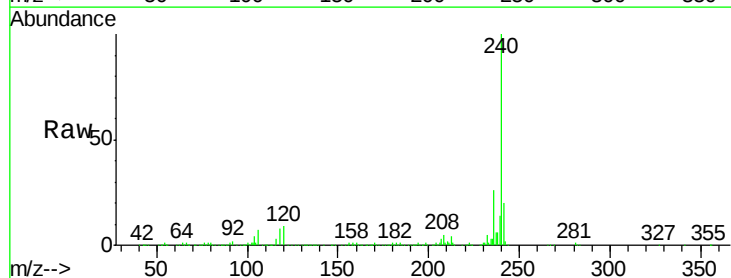
Tgt Ion:240 Resp: 621340

Ion Ratio Lower Upper

240 100

120 9.1 7.1 10.7

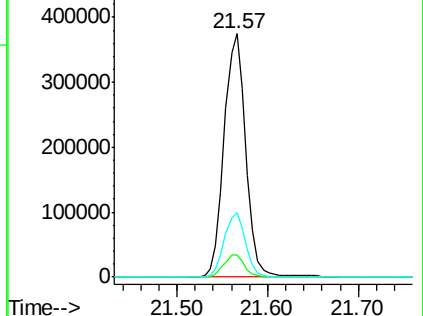
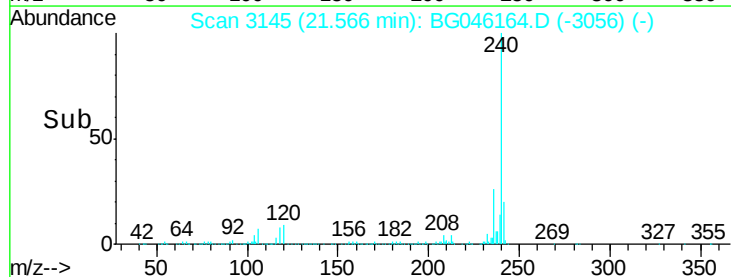
236 26.3 21.7 32.5

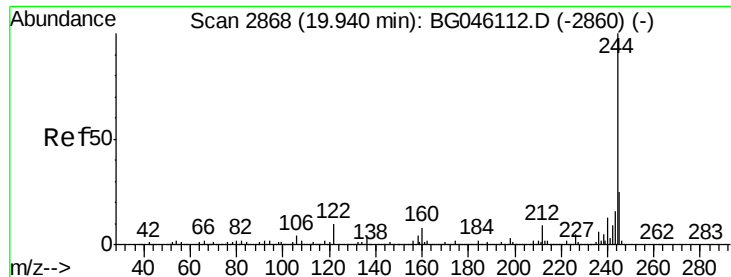


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.111 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046164.D

Acq: 4 Aug 2020 10:00

Instrument :

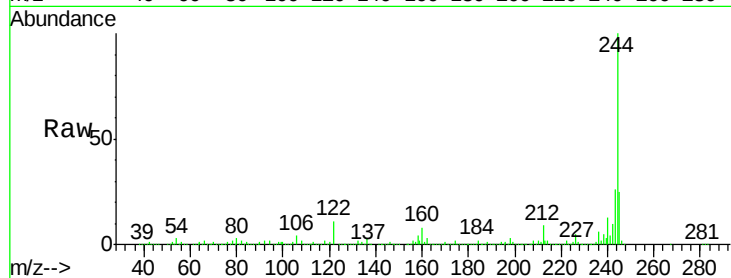
BNA_G

ClientSampleId :

PB130683BL

Tgt Ion:244 Resp: 2016927

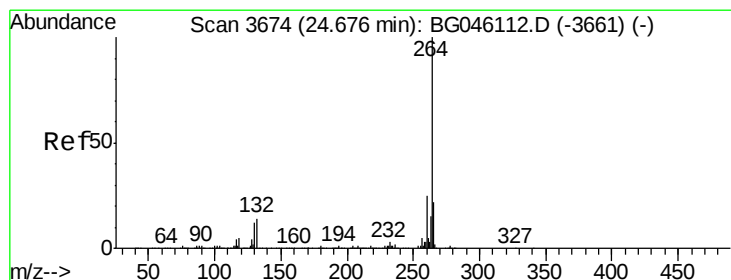
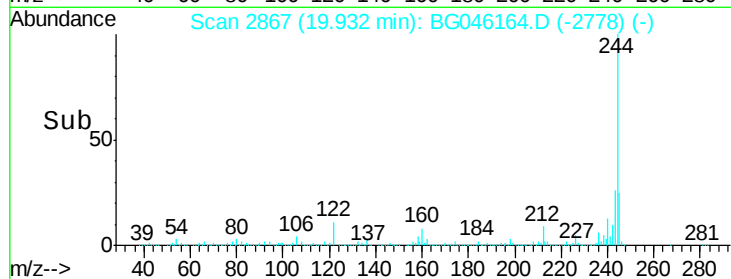
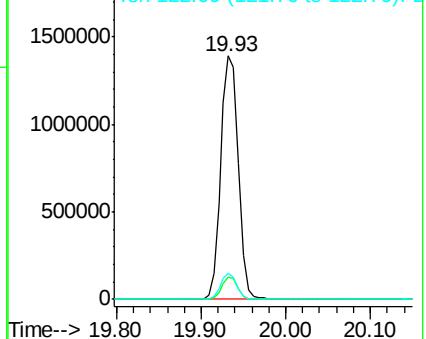
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.2	10.8
122	10.6	8.3	12.5



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

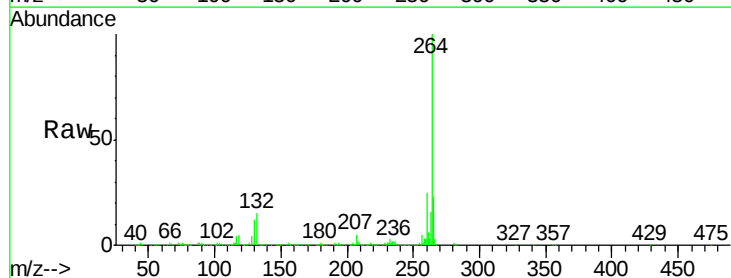
Delta R.T. -0.01 min

Lab File: BG046164.D

Acq: 4 Aug 2020 10:00

Tgt Ion:264 Resp: 635099

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	23.0	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

