

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046147.D
 Acq On : 1 Aug 2020 6:55
 Operator : CG/JU
 Sample : L3518-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Aug 01 07:34:44 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	82347	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	317040	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	195904	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	466784	20.00	ng	0.00
76) Chrysene-d12	21.57	240	567016	20.00	ng	0.00
86) Perylene-d12	24.67	264	573320	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	507788	107.20	ng	0.00
7) Phenol-d6	7.12	99	585173	90.64	ng	0.00
23) Nitrobenzene-d5	9.10	82	500153	85.41	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	350235	116.39	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1087359	80.63	ng	0.00
79) Terphenyl-d14	19.93	244	1953164	70.15	ng	0.00

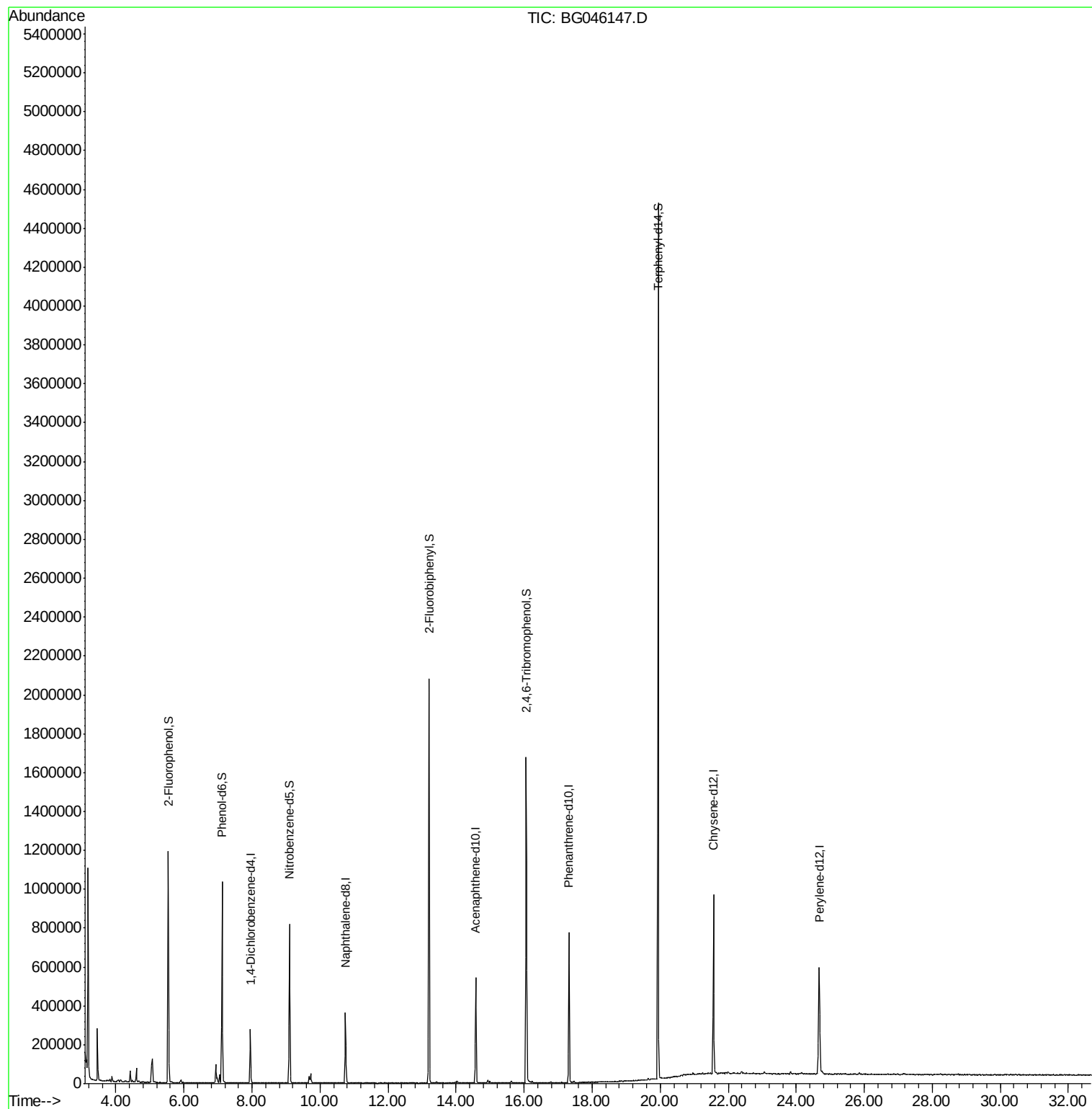
Target Compounds Qvalue

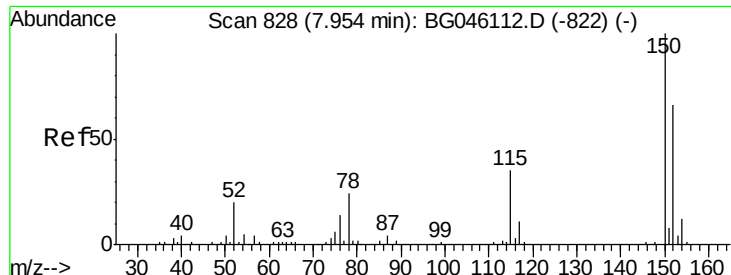
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG046147.D

Acq: 1 Aug 2020 6:55

Instrument :

BNA_G

ClientSampled :

TP-5

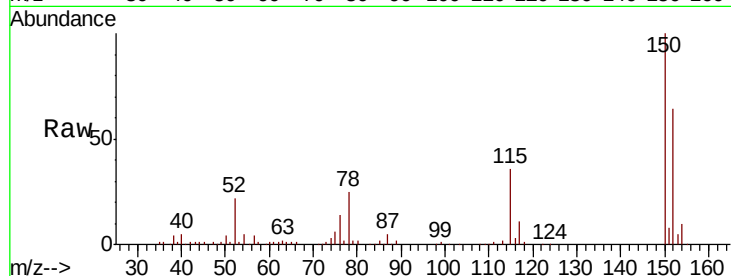
Tot Ion:152 Resp: 82347

Ion Ratio Lower Upper

152 100

150 156.3 122.1 183.1

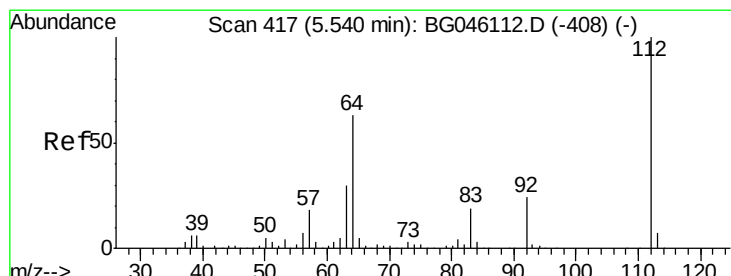
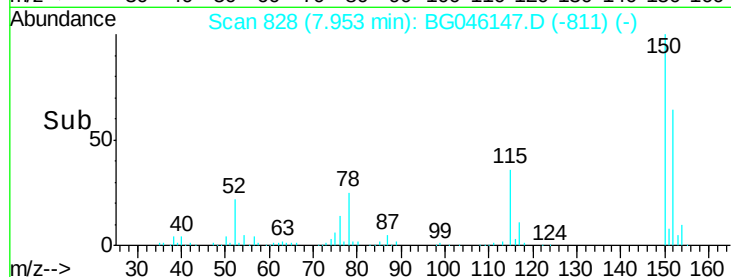
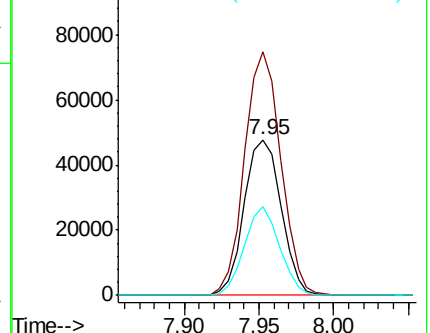
115 57.0 43.2 64.8



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: 107.196 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046147.D

Acq: 1 Aug 2020 6:55

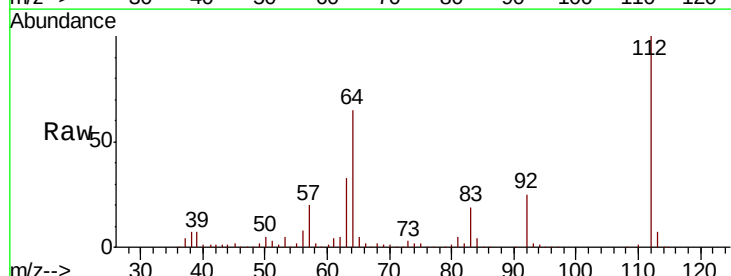
Tgt Ion:112 Resp: 507788

Ion Ratio Lower Upper

112 100

64 64.7 50.2 75.2

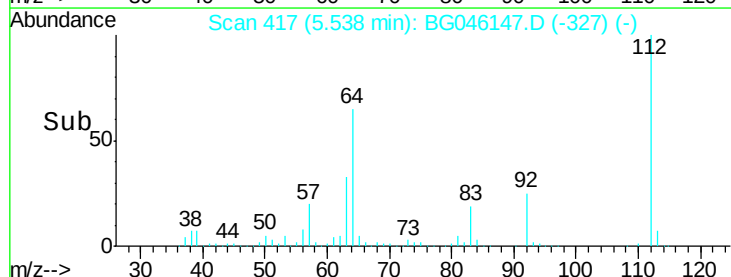
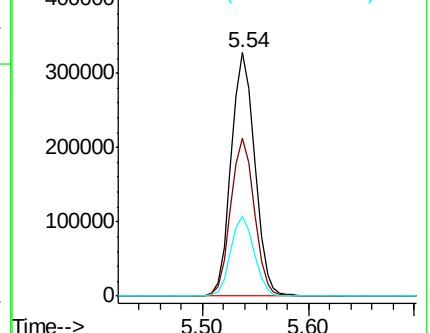
63 32.8 24.2 36.4

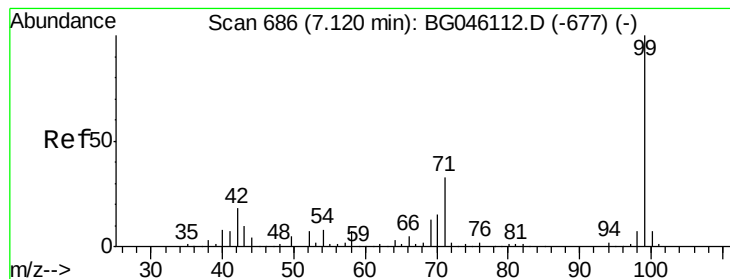


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 90.641 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046147.D

Acq: 1 Aug 2020 6:55

Instrument :

BNA_G

ClientSampled :

TP-5

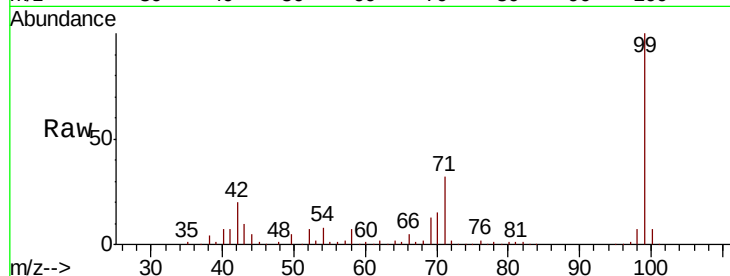
Tot Ion: 99 Resp: 585173

Ion Ratio Lower Upper

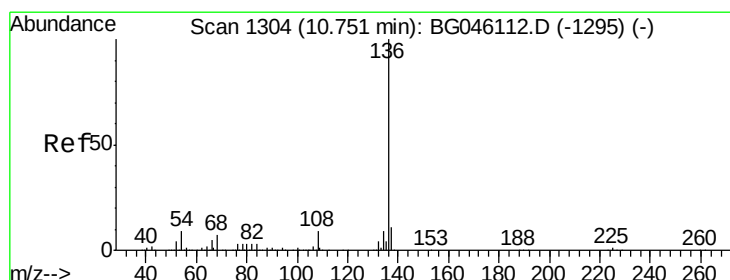
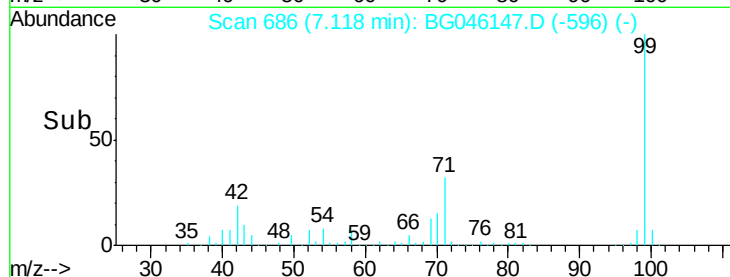
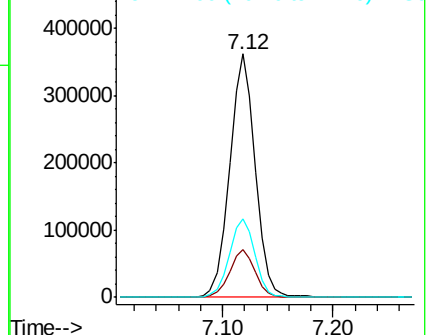
99 100

42 19.6 14.7 22.1

71 32.5 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: BG046147.D

Acq: 1 Aug 2020 6:55

Tgt Ion: 136 Resp: 317040

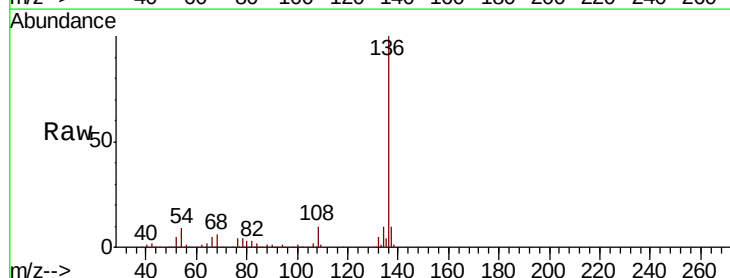
Ion Ratio Lower Upper

136 100

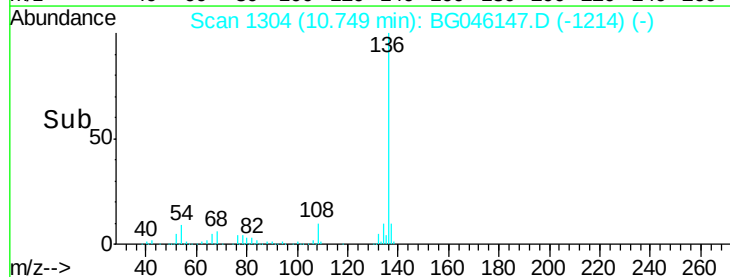
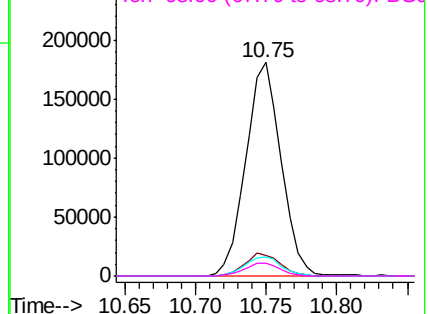
137 9.6 8.8 13.2

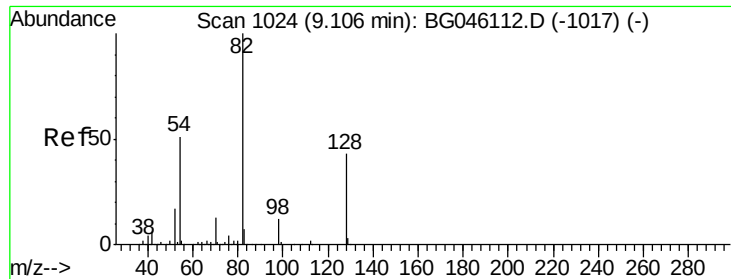
54 9.3 7.0 10.4

68 6.2 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

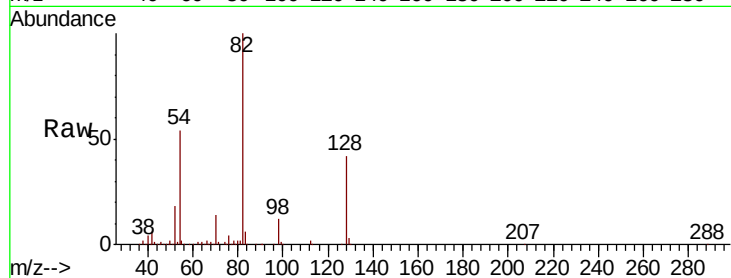




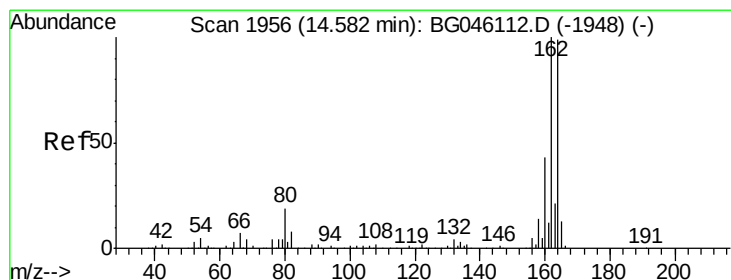
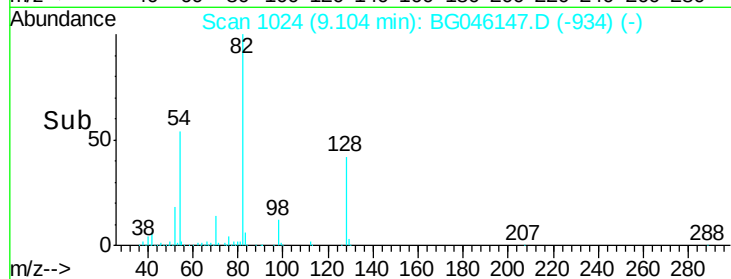
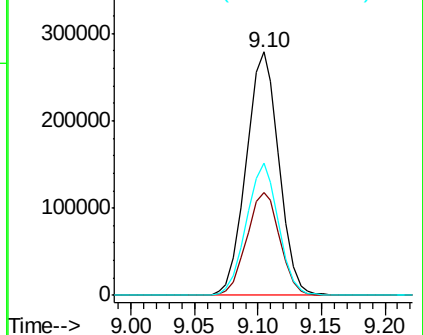
#23
Nitrobenzene-d5
Concen: 85.414 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046147.D
Acq: 1 Aug 2020 6:55

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion	82	Resp	500153
Ion Ratio	Lower	Upper	
82	100		
128	42.3	34.4	51.6
54	54.1	40.8	61.2

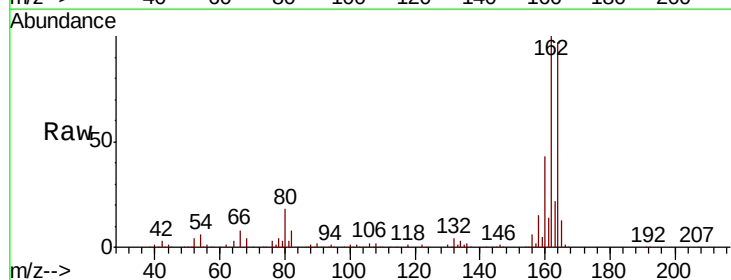


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

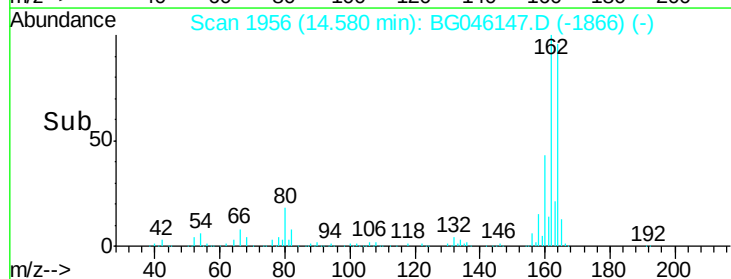
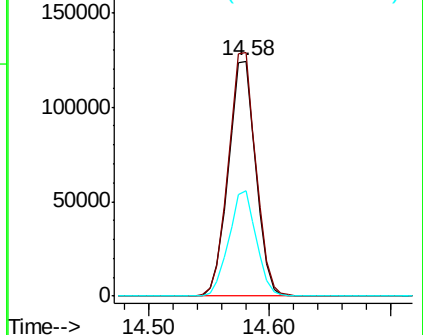


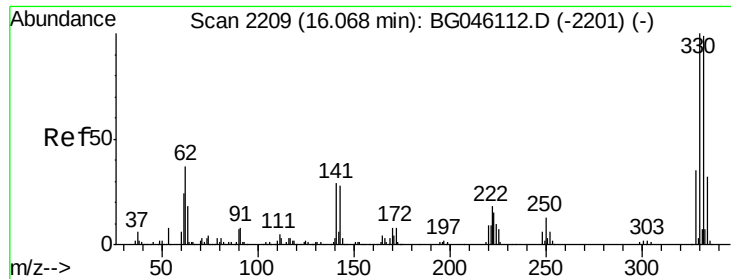
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046147.D
Acq: 1 Aug 2020 6:55

Tgt Ion	164	Resp	195904
Ion Ratio	Lower	Upper	
164	100		
162	103.5	80.6	121.0
160	44.6	34.9	52.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

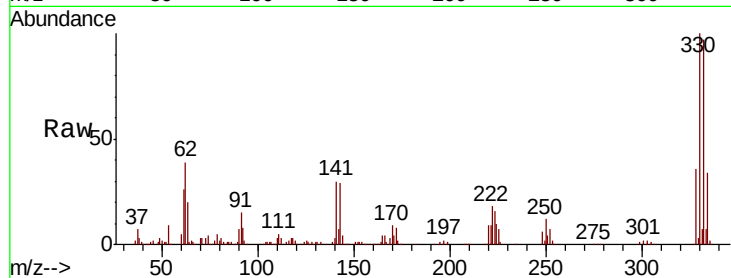




#42
 2,4,6-Tribromophenol
 Concen: 116.394 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG046147.D
 Acq: 1 Aug 2020 6:55

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	31.6	23.4	35.0

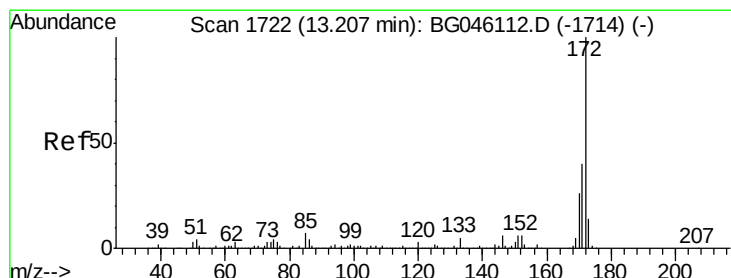
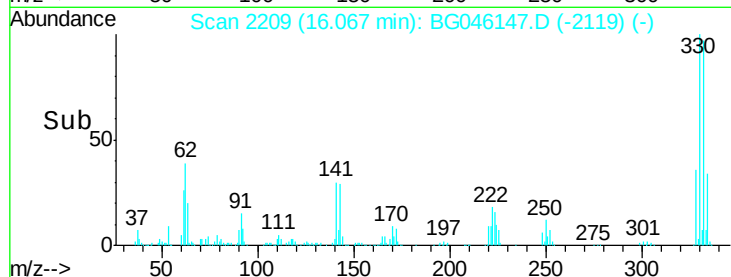
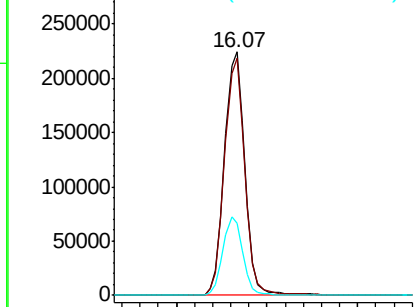


Abundance

Ion 329.80 (329.50 to 330.50): E

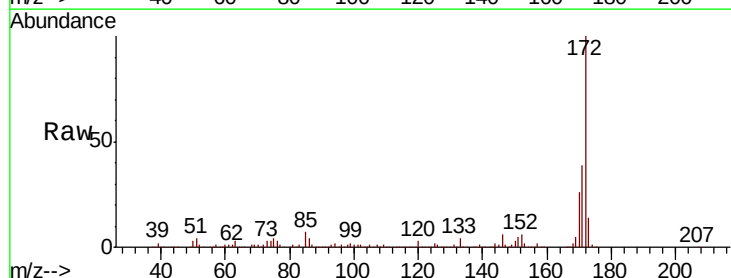
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.628 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046147.D
 Acq: 1 Aug 2020 6:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.7	47.5
170	25.6	20.9	31.3

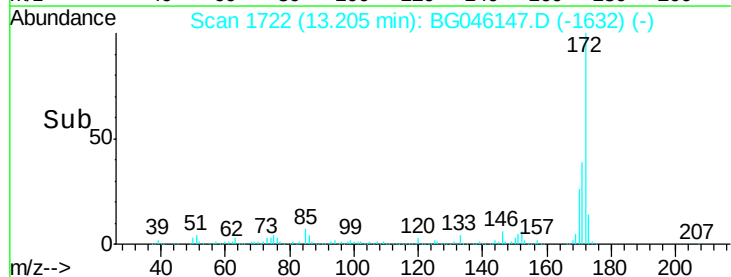
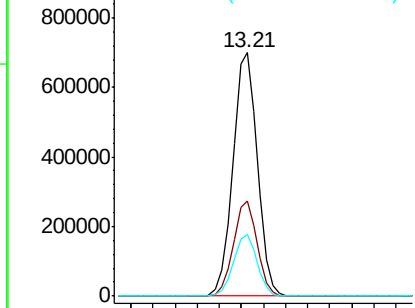


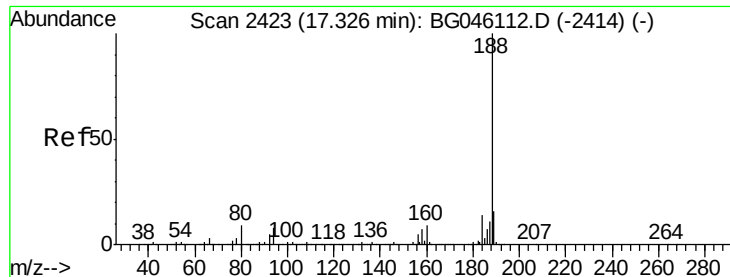
Abundance

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: BG046147.D

Acq: 1 Aug 2020 6:55

Instrument :

BNA_G

ClientSampleId :

TP-5

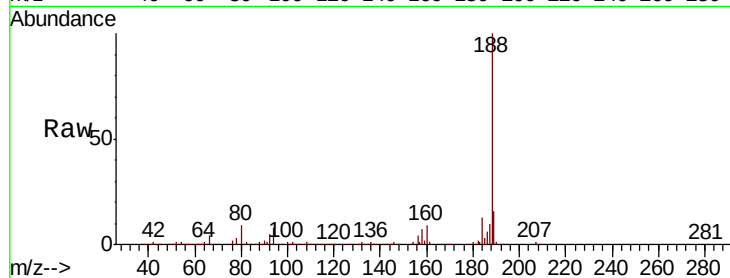
Tot Ion:188 Resp: 466784

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

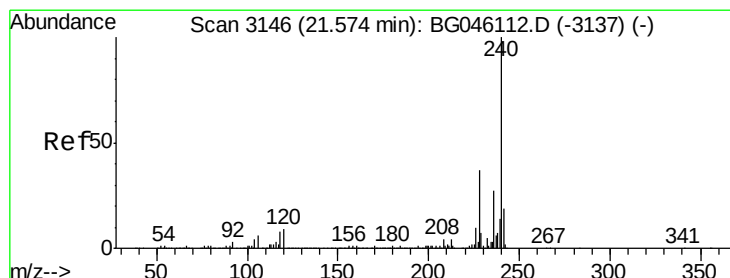
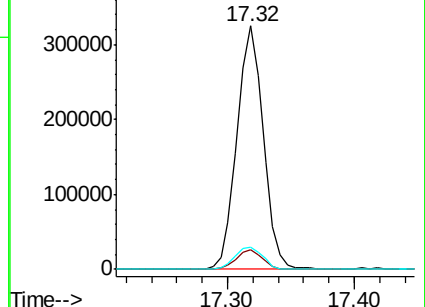
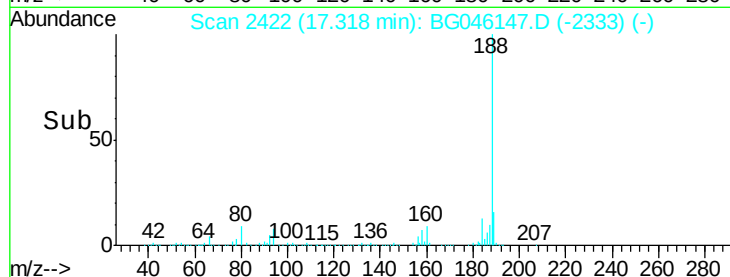
80 9.3 7.4 11.0



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: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046147.D

Acq: 1 Aug 2020 6:55

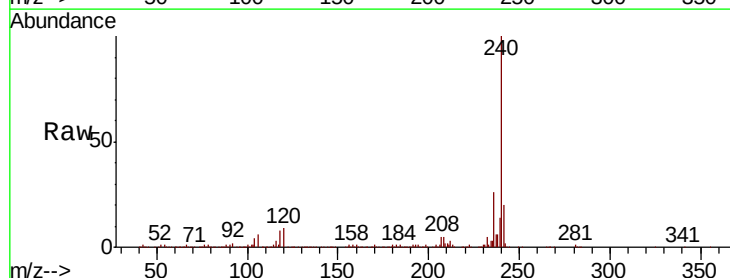
Tgt Ion:240 Resp: 567016

Ion Ratio Lower Upper

240 100

120 8.7 7.1 10.7

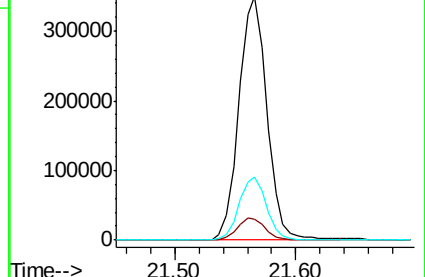
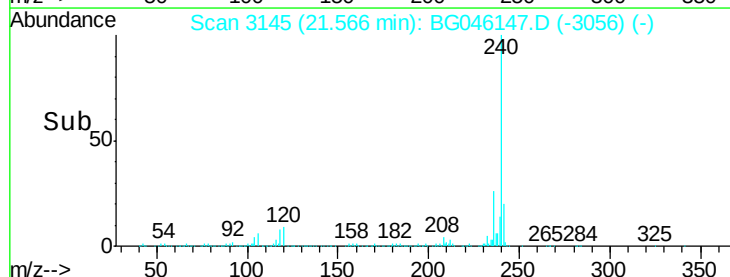
236 25.8 21.7 32.5

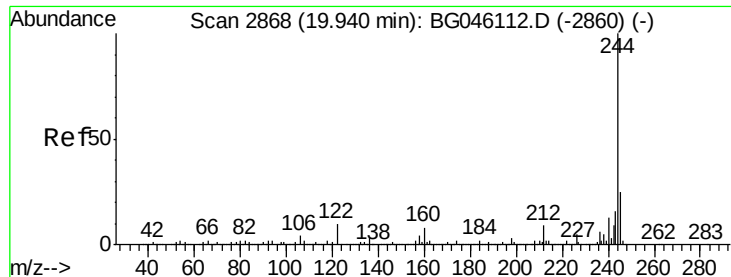


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.154 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046147.D

Acq: 1 Aug 2020 6:55

Instrument :

BNA_G

ClientSampleId :

TP-5

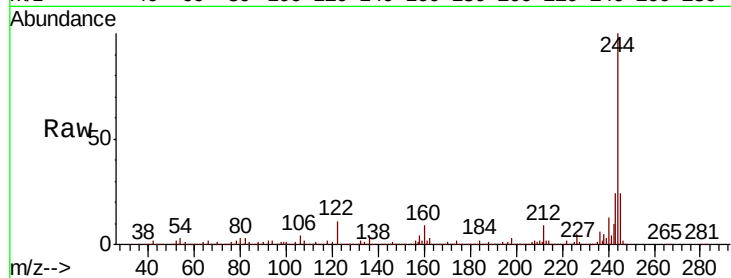
Tot Ion:244 Resp: 1953164

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

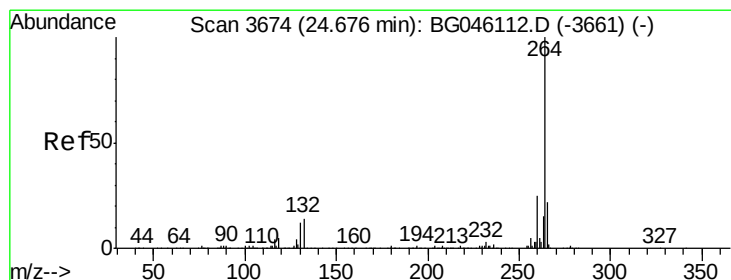
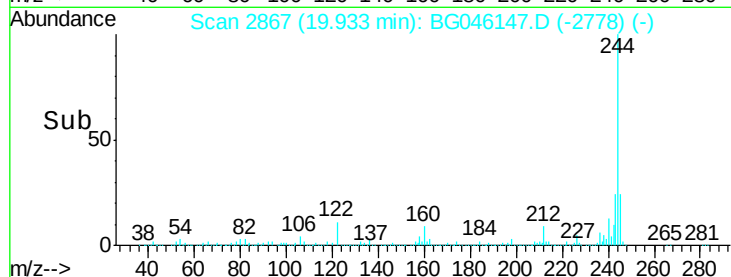
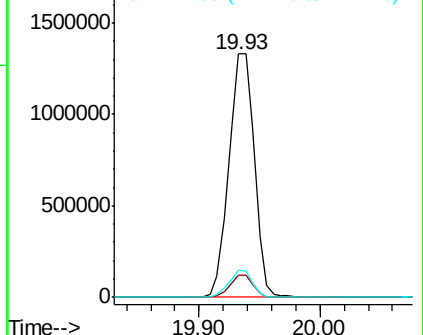
122 11.1 8.3 12.5



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# 3674

Delta R.T. -0.00 min

Lab File: BG046147.D

Acq: 1 Aug 2020 6:55

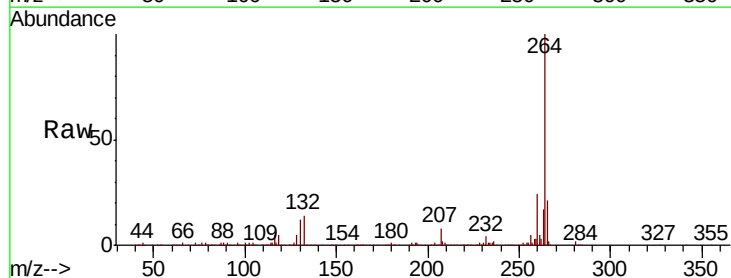
Tgt Ion:264 Resp: 573320

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 21.1 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

