

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046197.D
 Acq On : 7 Aug 2020 17:34
 Operator : CG/JU
 Sample : L3597-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20200446-CORE-2

Quant Time: Aug 07 18:39:43 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

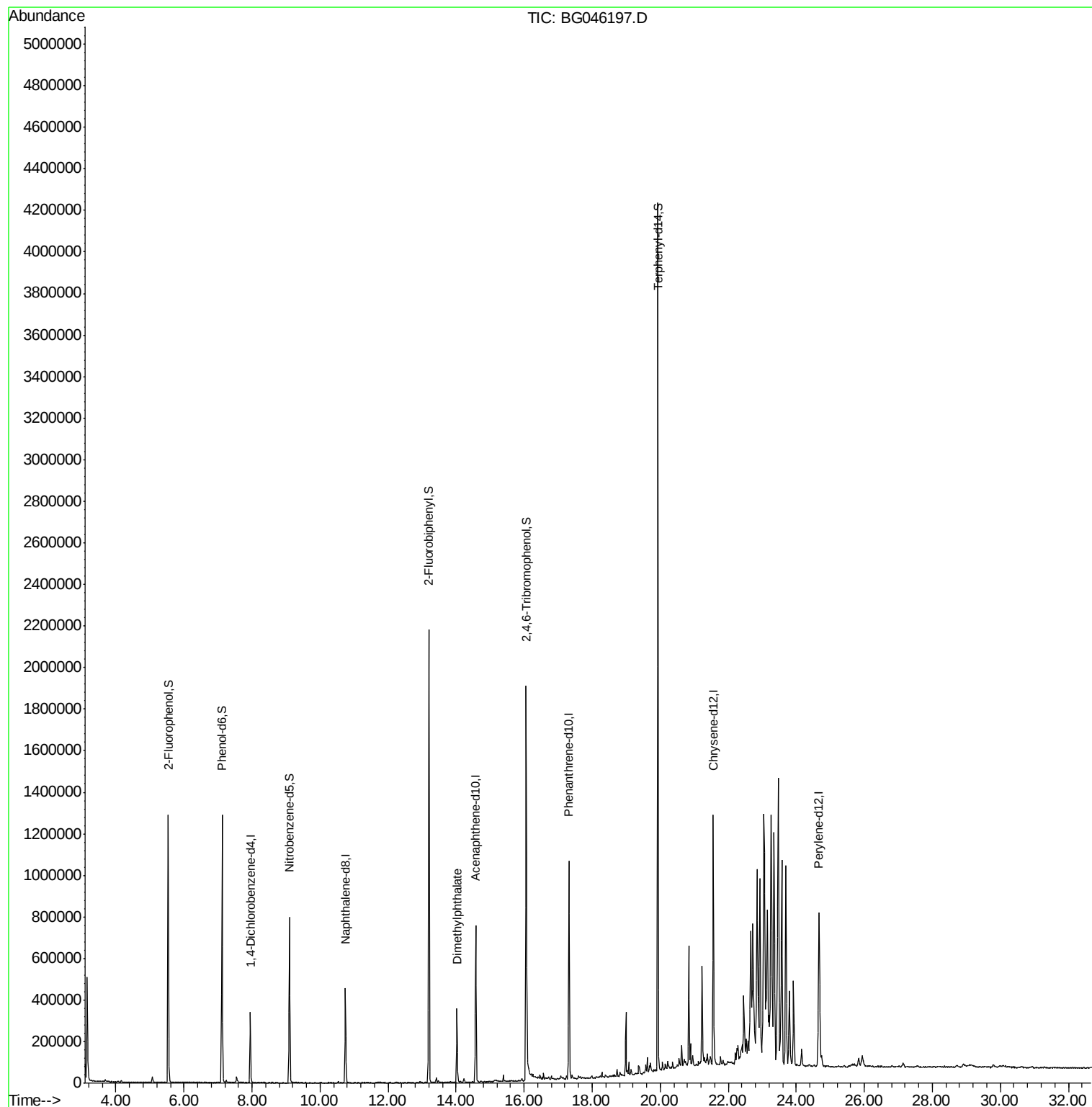
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	108378	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	417036	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	270698	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	665926	20.00	ng	0.00
76) Chrysene-d12	21.56	240	766140	20.00	ng	-0.01
86) Perylene-d12	24.67	264	803223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	615669	98.75	ng	0.00
7) Phenol-d6	7.12	99	783853	92.25	ng	0.00
23) Nitrobenzene-d5	9.10	82	501748	65.14	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	506103	121.72	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1181057	63.38	ng	0.00
79) Terphenyl-d14	19.93	244	1857160	49.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.03	163	259325	12.482	ng	Qvalue 99

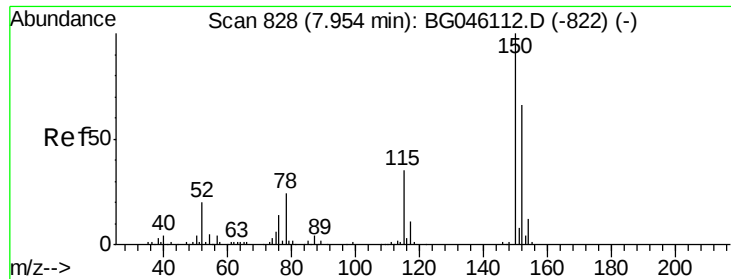
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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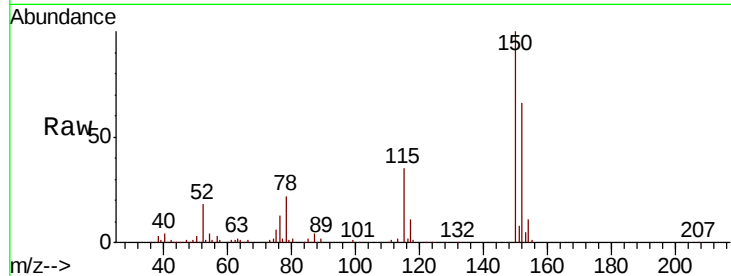


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046197.D
Acq: 7 Aug 2020 17:34

Instrument :
BNA_G
ClientSampleId :
20200446-CORE-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.1	183.1
115	52.5	43.2	64.8

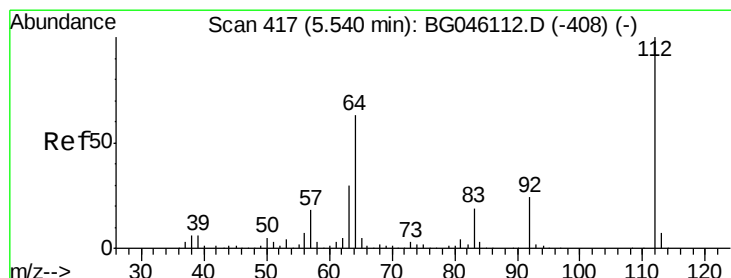
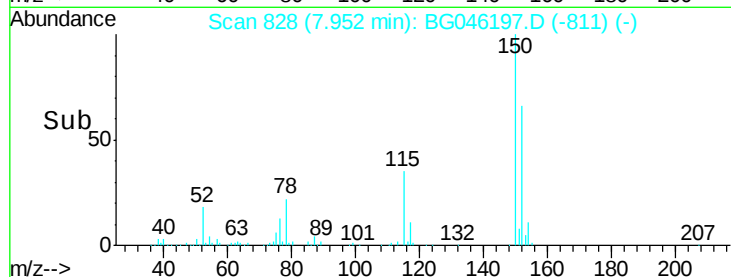
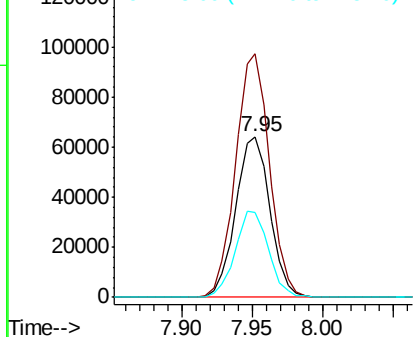


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

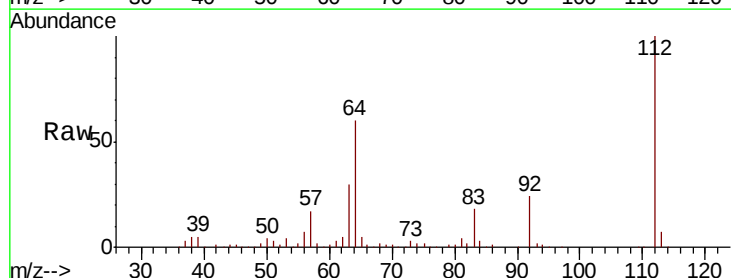
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.753 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046197.D
Acq: 7 Aug 2020 17:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	50.2	75.2
63	30.2	24.2	36.4

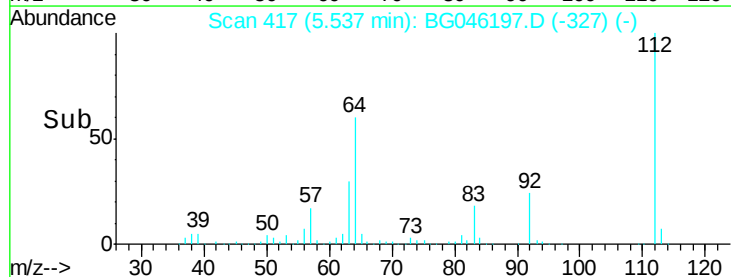
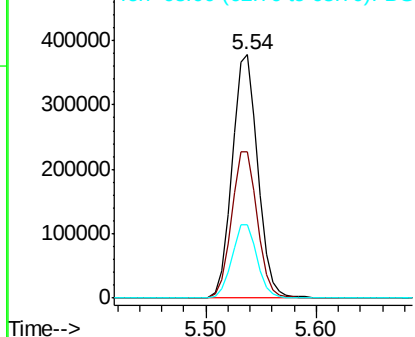


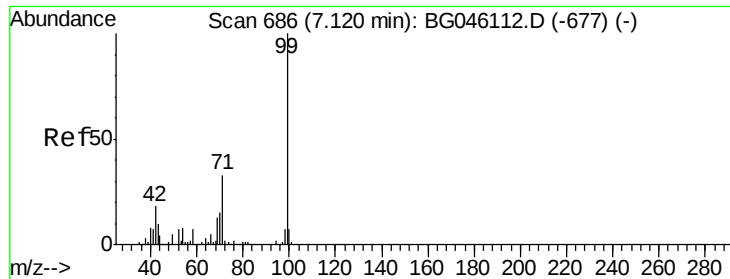
Abundance

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: 92.253 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046197.D

Acq: 7 Aug 2020 17:34

Instrument :

BNA_G

ClientSampleId :

20200446-CORE-2

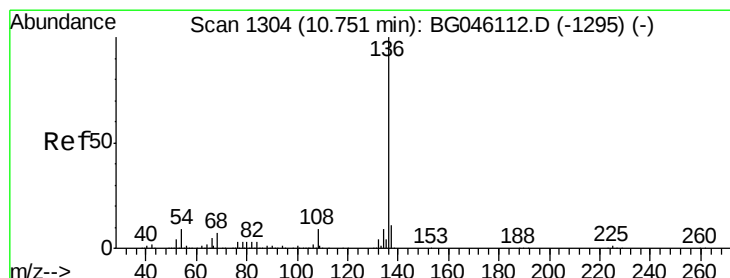
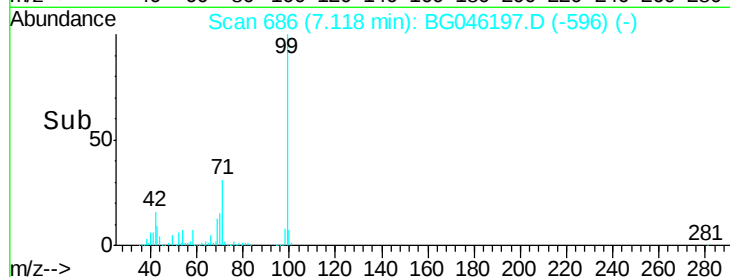
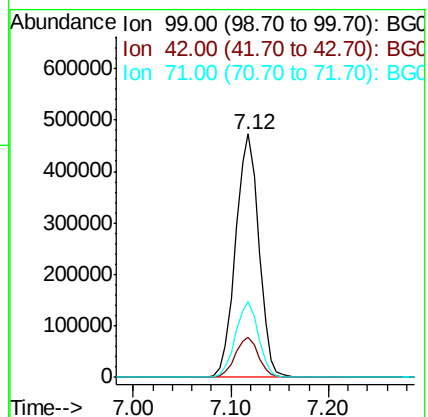
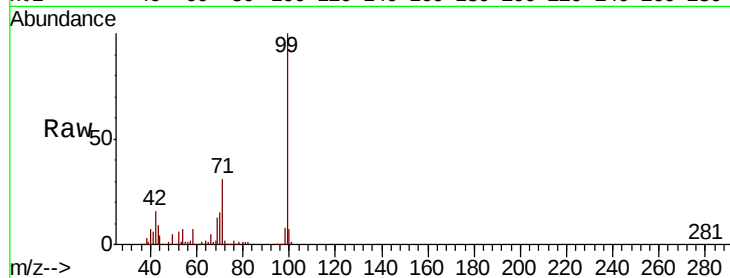
Tot Ion: 99 Resp: 783853

Ion Ratio Lower Upper

99 100

42 16.4 14.7 22.1

71 31.2 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: BG046197.D

Acq: 7 Aug 2020 17:34

Tgt Ion: 136 Resp: 417036

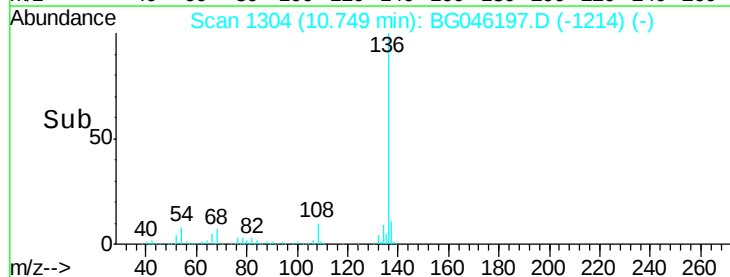
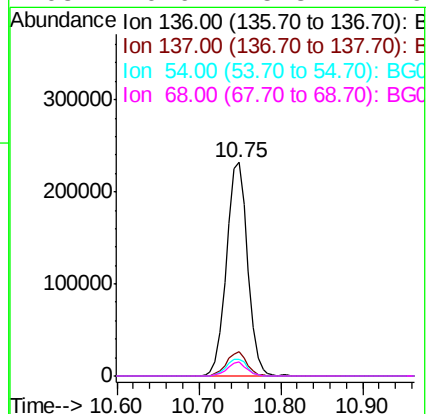
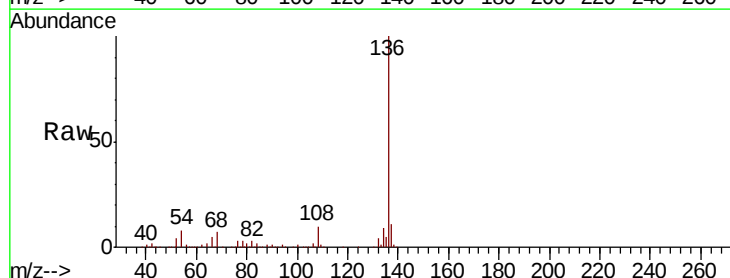
Ion Ratio Lower Upper

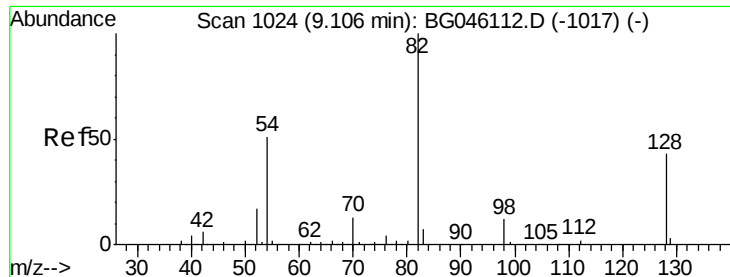
136 100

137 11.3 8.8 13.2

54 7.8 7.0 10.4

68 6.6 5.3 7.9

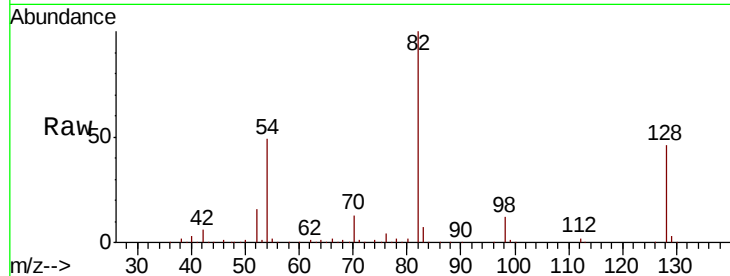




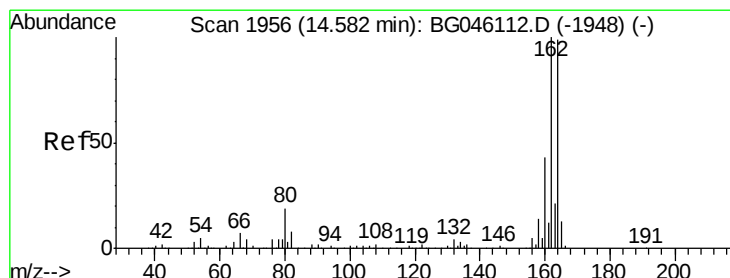
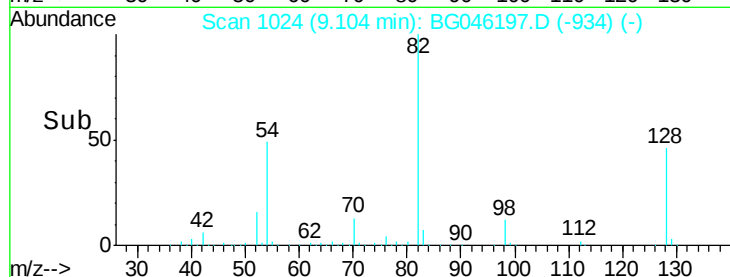
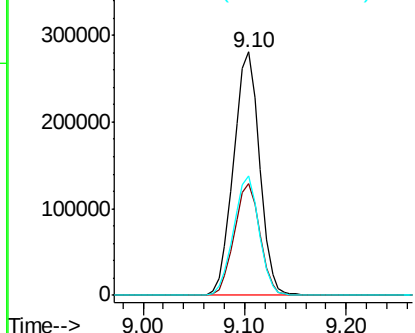
#23
Nitrobenzene-d5
Concen: 65.141 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046197.D
Acq: 7 Aug 2020 17:34

Instrument :
BNA_G
ClientSampleId :
20200446-CORE-2

Tot Ion	82	Resp	501748
Ion Ratio	100	Lower	Upper
128	46.1	34.4	51.6
54	49.1	40.8	61.2

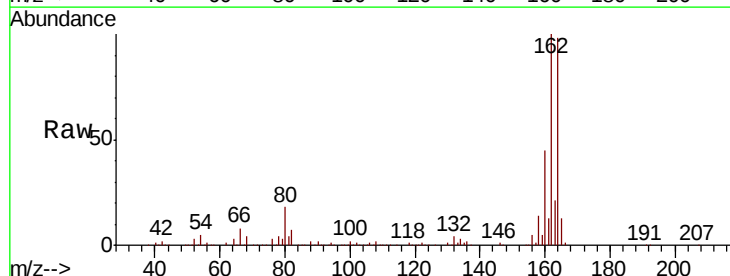


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

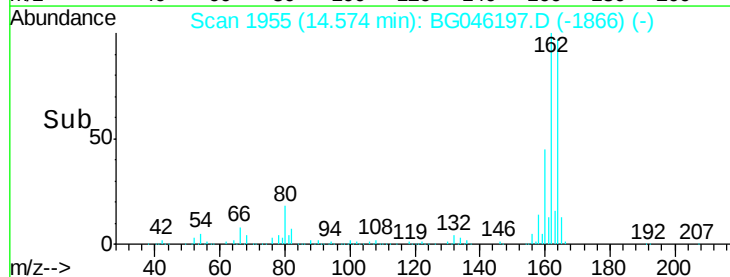
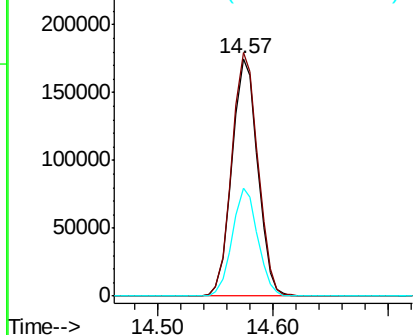


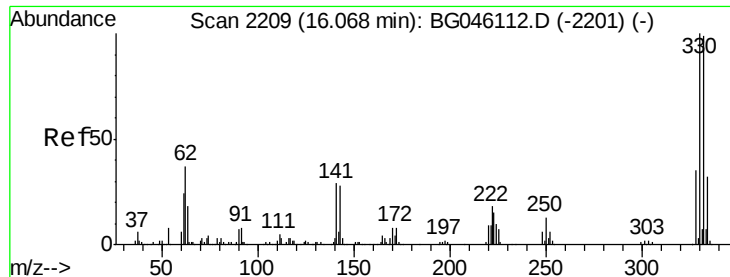
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046197.D
Acq: 7 Aug 2020 17:34

Tgt Ion	164	Resp	270698
Ion Ratio	100	Lower	Upper
162	102.6	80.6	121.0
160	45.7	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

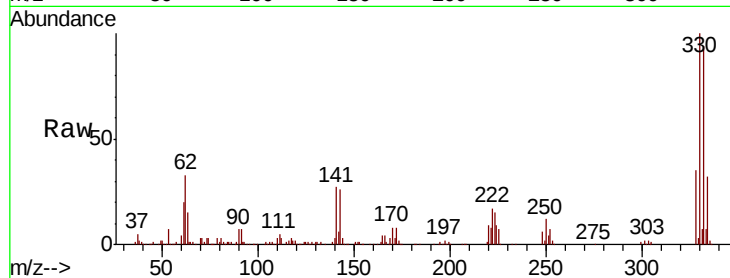




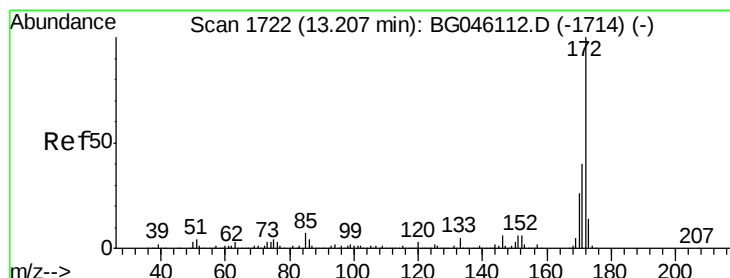
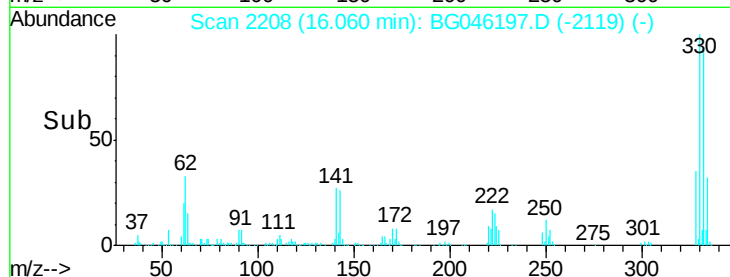
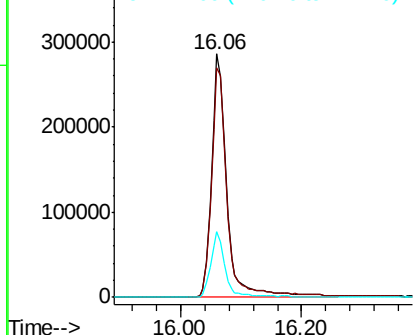
#42
 2,4,6-Tribromophenol
 Concen: 121.722 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG046197.D
 Acq: 7 Aug 2020 17:34

Instrument :
 BNA_G
 ClientSampleId :
 20200446-CORE-2

Tot Ion:330 Resp: 506103
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.4 116.2
 141 25.8 23.4 35.0

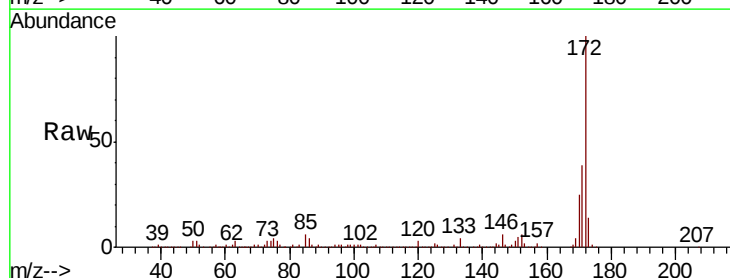


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

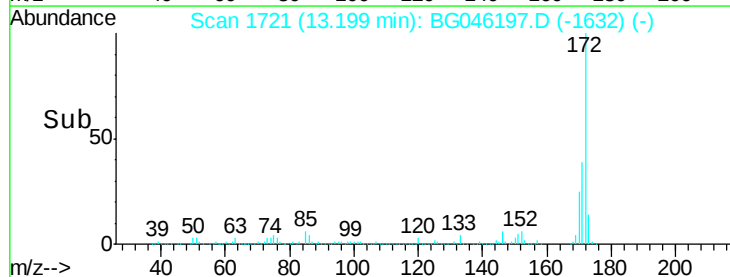
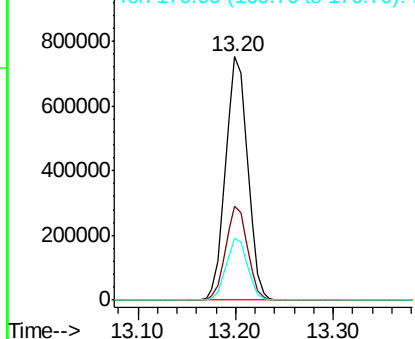


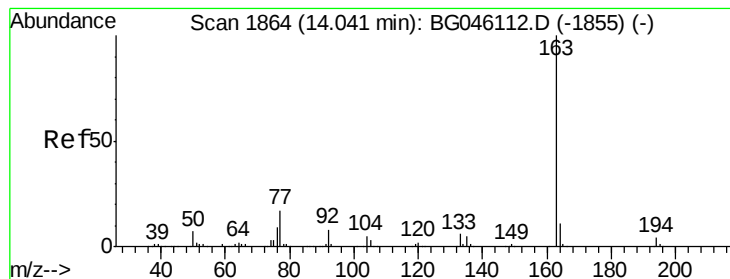
#45
 2-Fluorobiphenyl
 Concen: 63.378 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG046197.D
 Acq: 7 Aug 2020 17:34

Tgt Ion:172 Resp: 1181057
 Ion Ratio Lower Upper
 172 100
 171 38.7 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





#50

Dimethylphthalate

Concen: 12.482 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG046197.D

Acq: 7 Aug 2020 17:34

Instrument :

BNA_G

ClientSampleId :

20200446-CORE-2

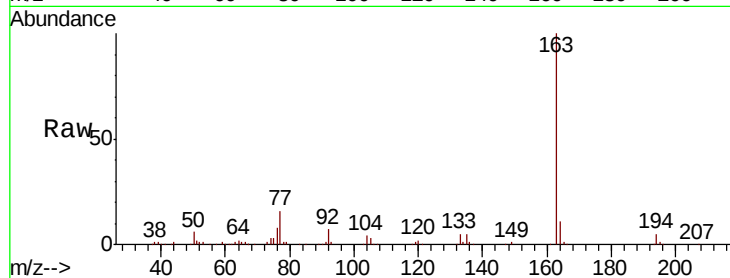
Tot Ion:163 Resp: 259325

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

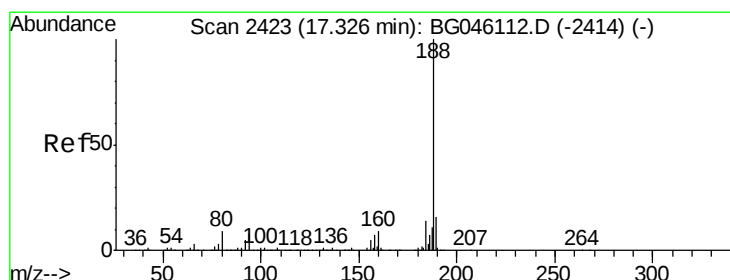
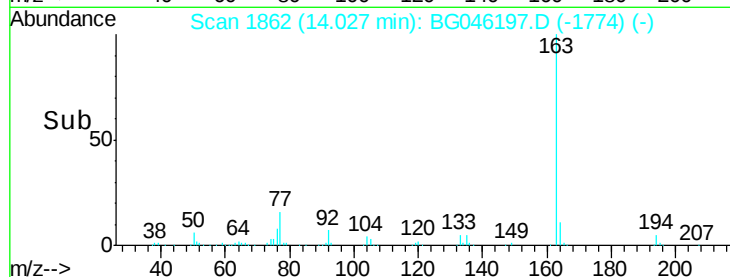
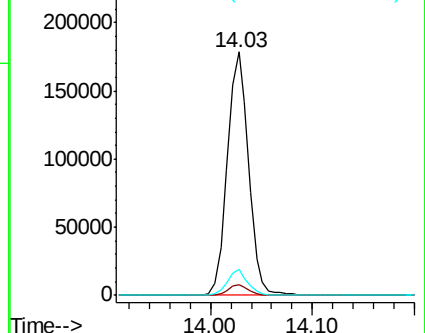
164 10.8 8.8 13.2



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: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046197.D

Acq: 7 Aug 2020 17:34

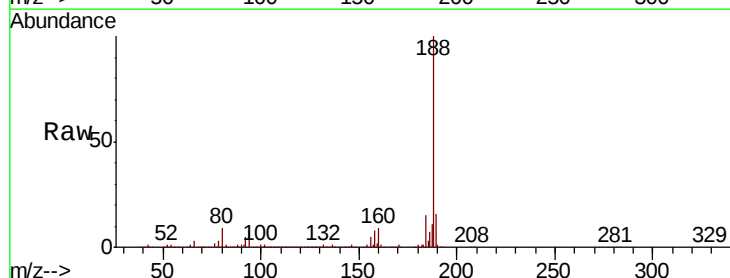
Tgt Ion:188 Resp: 665926

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

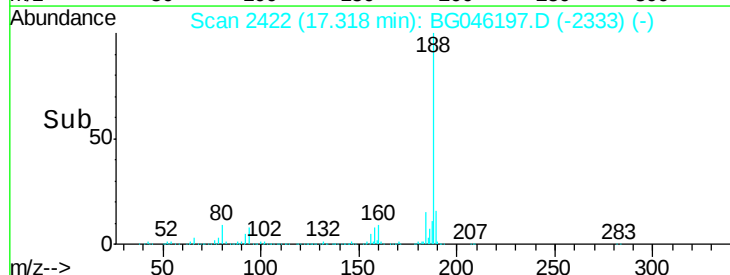
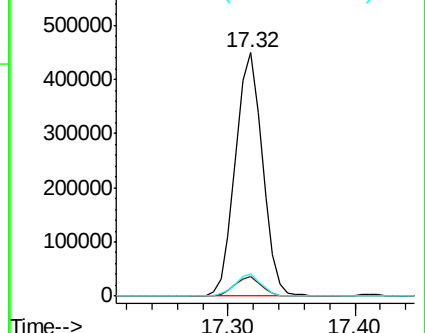
80 8.9 7.4 11.0

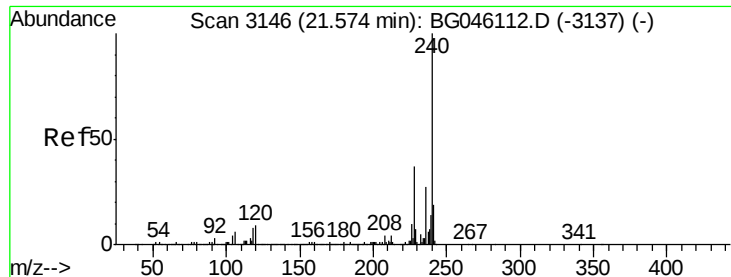


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG046197.D

Acq: 7 Aug 2020 17:34

Instrument :

BNA_G

ClientSampleId :

20200446-CORE-2

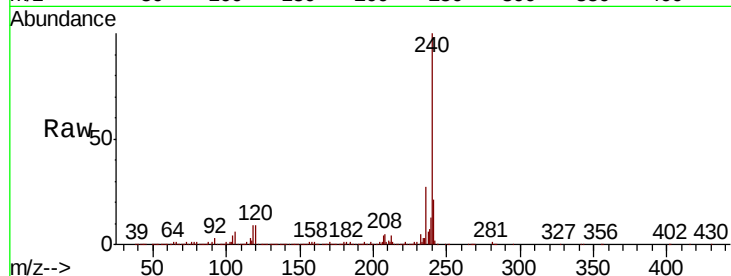
Tot Ion:240 Resp: 766140

Ion Ratio Lower Upper

240 100

120 9.2 7.1 10.7

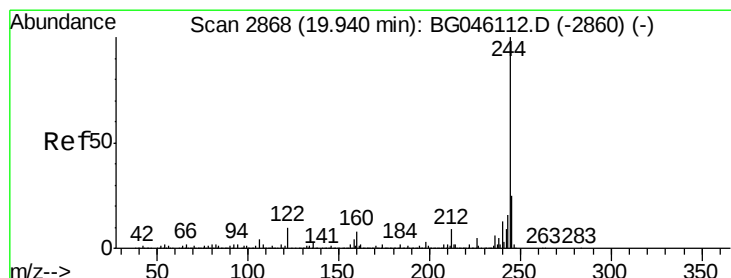
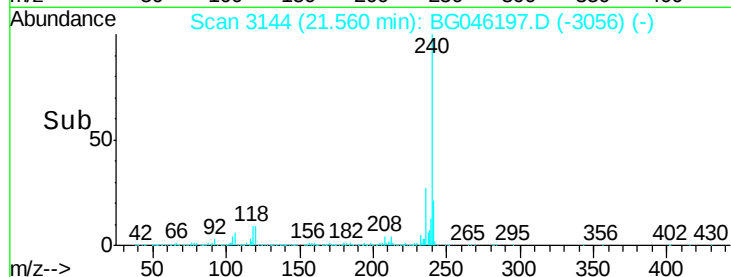
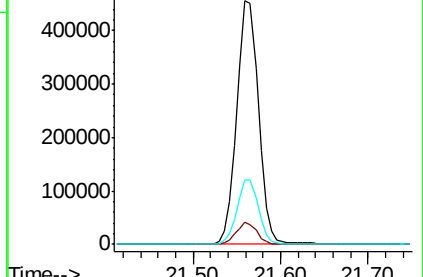
236 26.5 21.7 32.5



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: 49.369 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046197.D

Acq: 7 Aug 2020 17:34

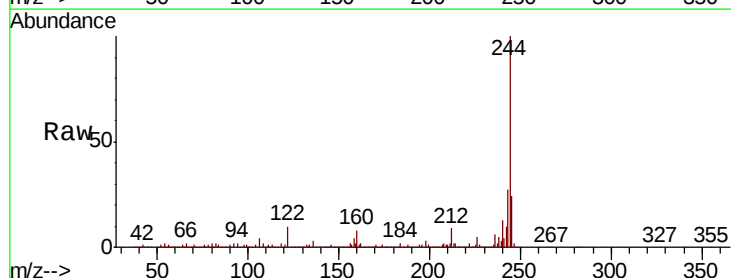
Tgt Ion:244 Resp: 1857160

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

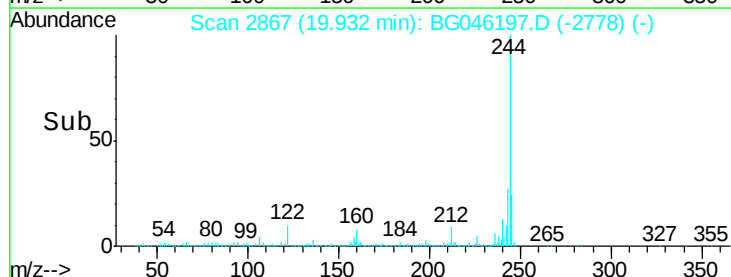
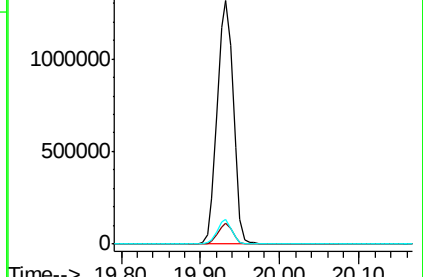
122 10.0 8.3 12.5

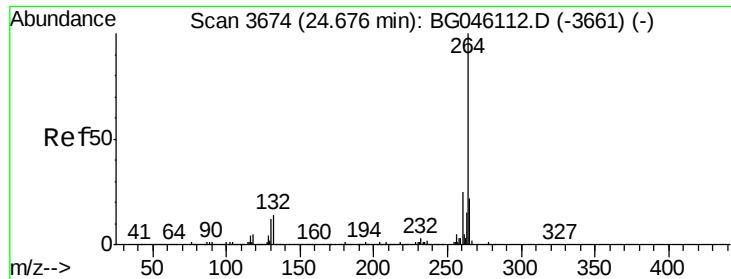


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

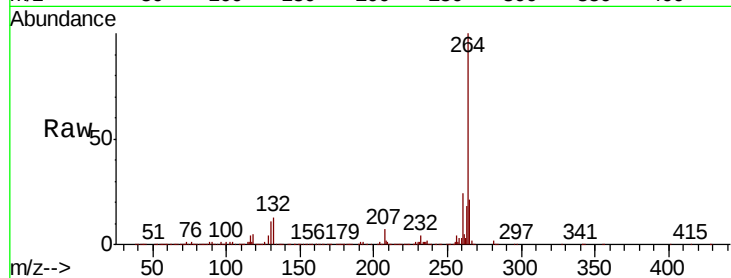




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG046197.D
Acq: 7 Aug 2020 17:34

Instrument :
BNA_G
ClientSampleId :
20200446-CORE-2

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.5	19.7	29.5	
265	21.4	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

