

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045922.D
 Acq On : 2 Jul 2020 20:04
 Operator : CG/JU
 Sample : L3197-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMP

Quant Time: Jul 03 01:10:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

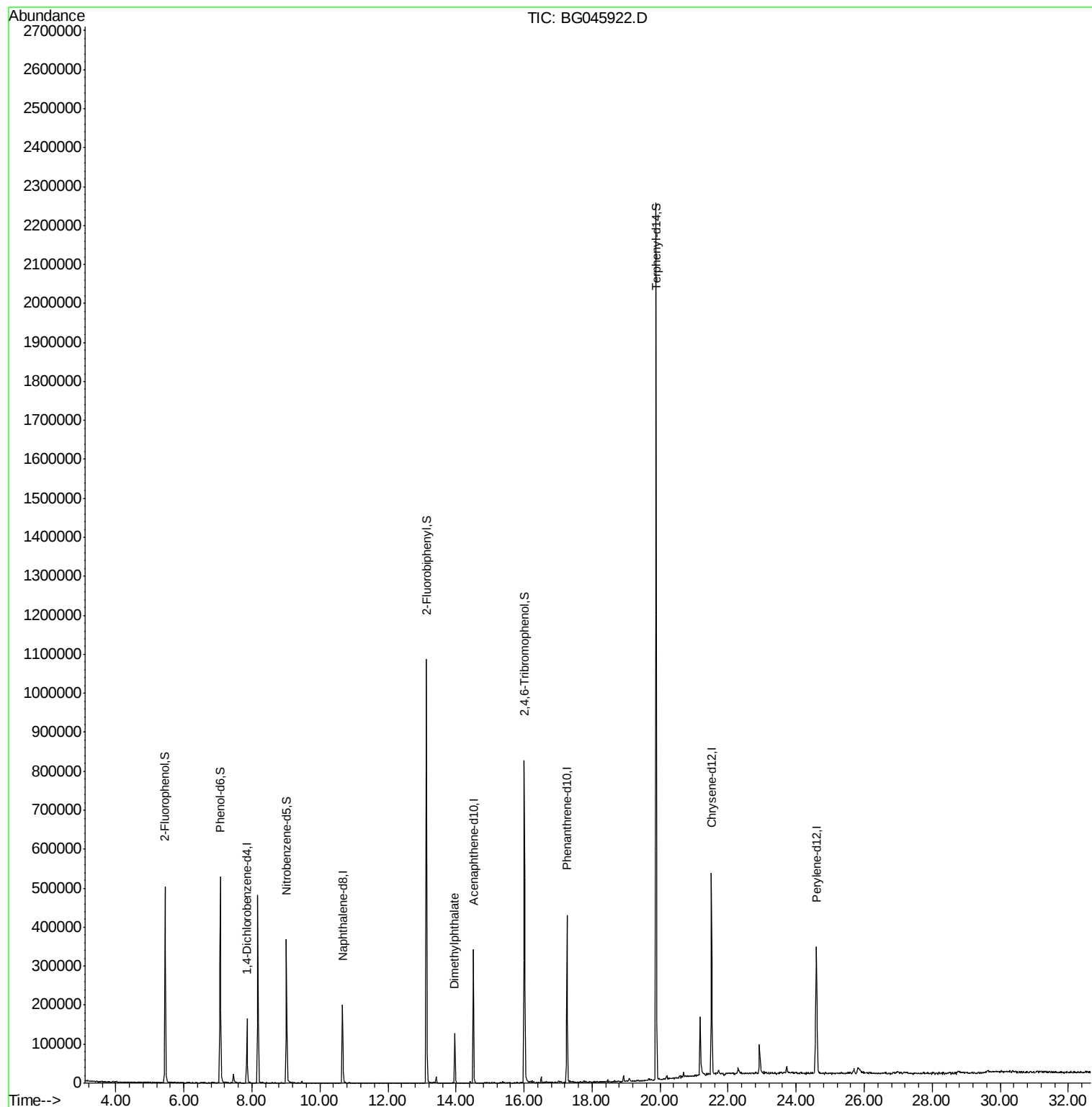
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	46857	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	175926	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	124482	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	288027	20.00	ng	0.00
76) Chrysene-d12	21.51	240	325544	20.00	ng	0.00
86) Perylene-d12	24.60	264	340757	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	240443	86.68	ng	0.00
7) Phenol-d6	7.07	99	342937	81.28	ng	0.00
23) Nitrobenzene-d5	9.02	82	249949	64.91	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	172362	91.71	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	567319	66.97	ng	0.00
79) Terphenyl-d14	19.88	244	1080068	67.24	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.96	163	86913	8.912	ng	99

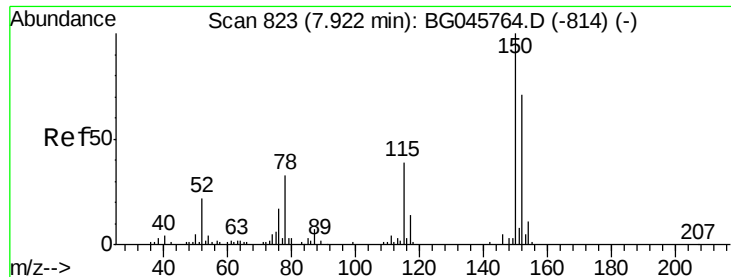
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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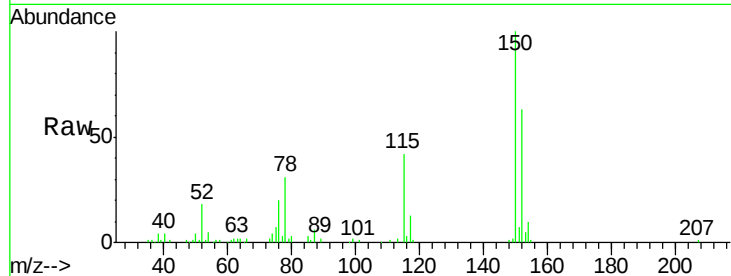


#1

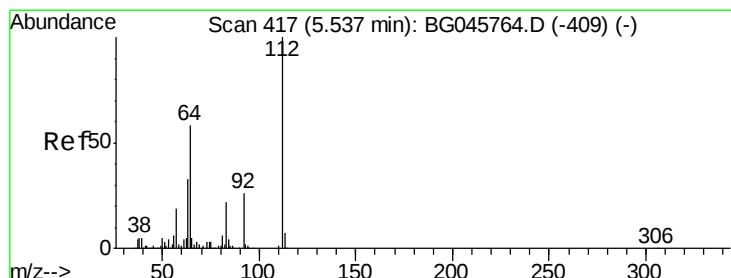
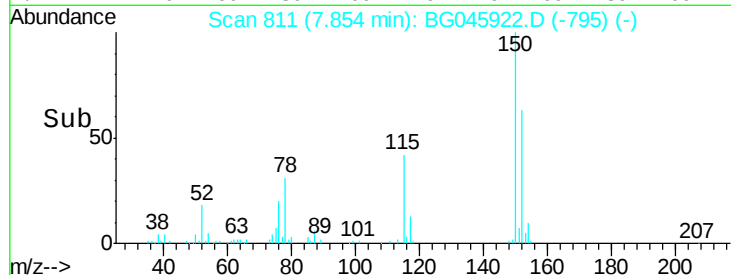
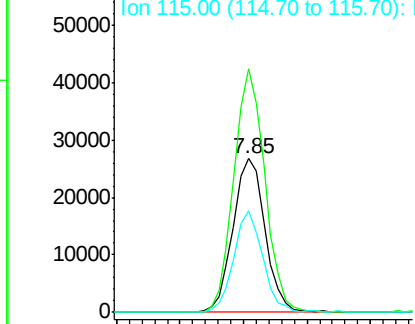
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045922.D
Acq: 2 Jul 2020 20:04

Instrument :
BNA_G
ClientSampled :
MH-1-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.5	186.7
115	65.8	45.8	68.8



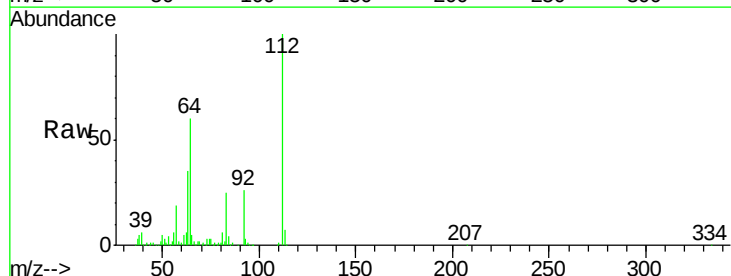
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



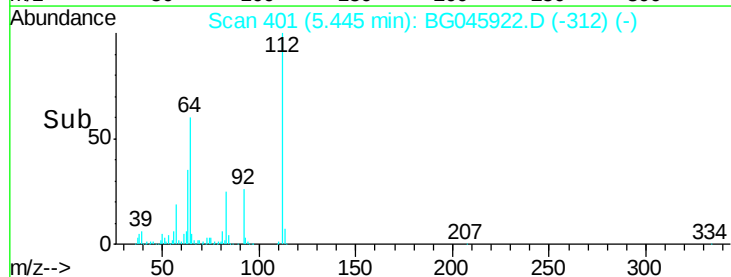
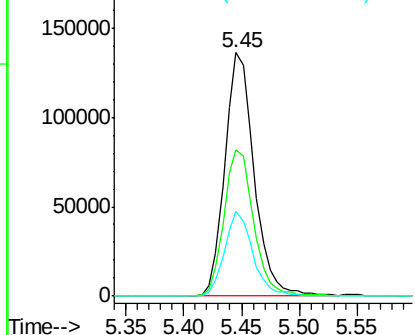
#5

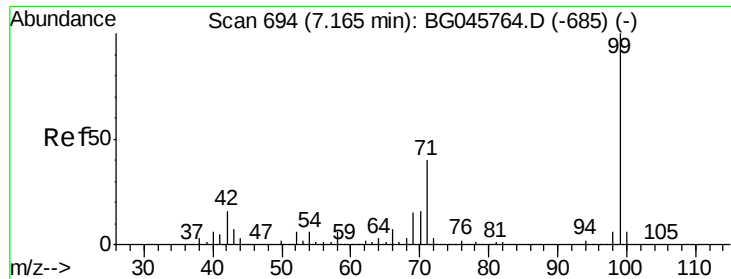
2-Fluorophenol
Concen: 86.682 ng
RT: 5.45 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG045922.D
Acq: 2 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	44.9	67.3
63	34.9	26.9	40.3



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: 81.279 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045922.D

Acq: 2 Jul 2020 20:04

Instrument :

BNA_G

ClientSampleId :

MH-1-COMP

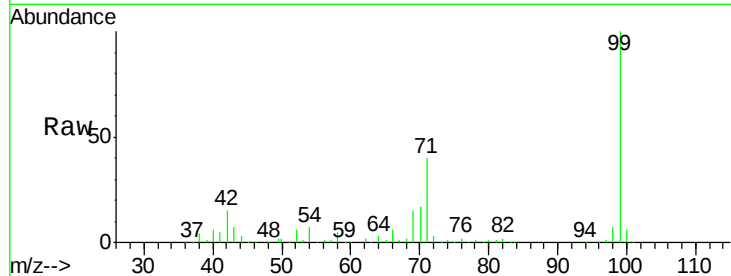
Tot Ion: 99 Resp: 342937

Ion Ratio Lower Upper

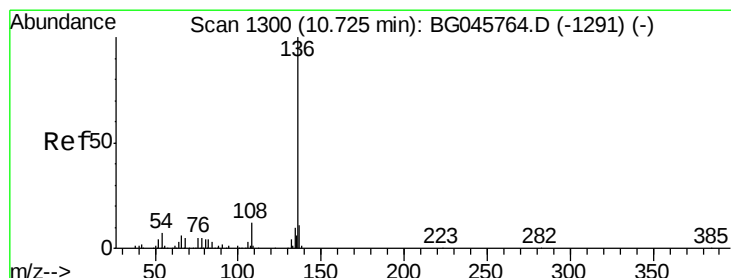
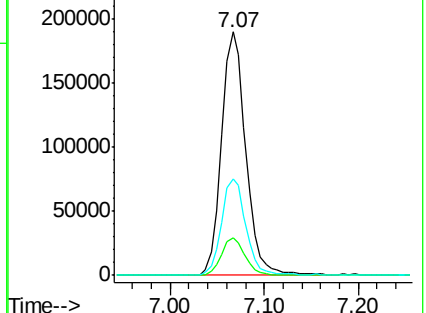
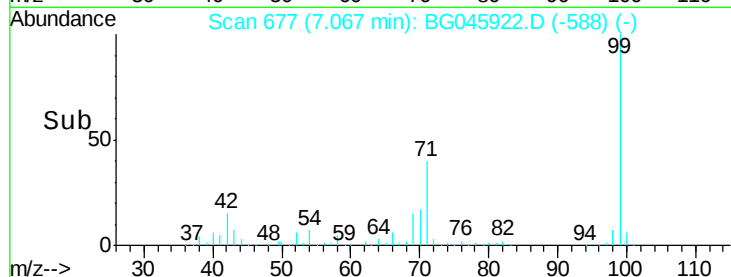
99 100

42 15.4 11.8 17.8

71 39.6 31.0 46.6



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: 10.66 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG045922.D

Acq: 2 Jul 2020 20:04

Tgt Ion: 136 Resp: 175926

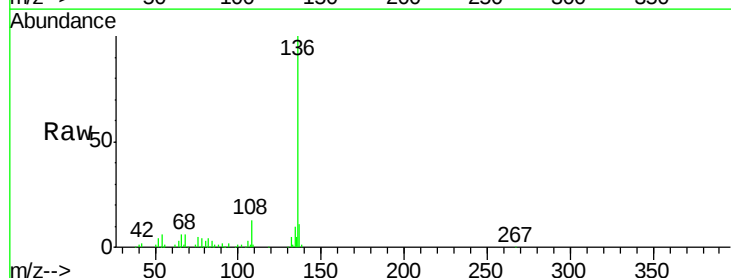
Ion Ratio Lower Upper

136 100

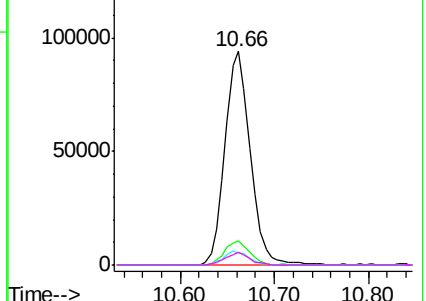
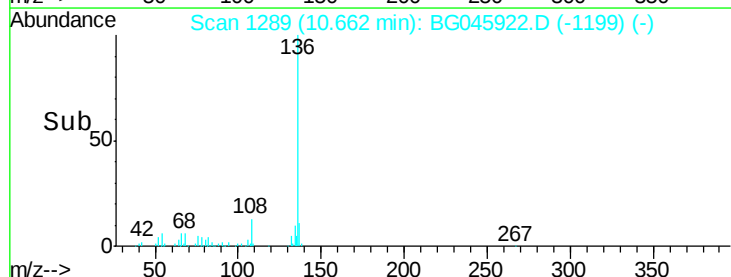
137 11.5 8.2 12.4

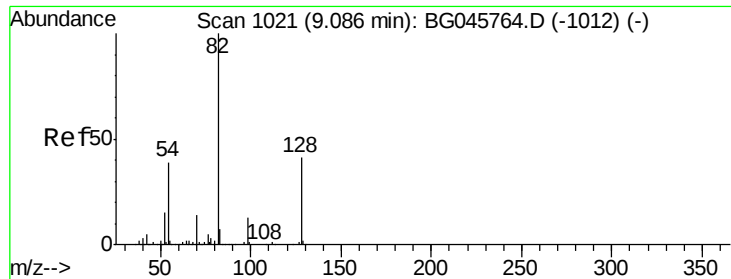
54 5.6 4.6 7.0

68 6.2 5.0 7.4



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

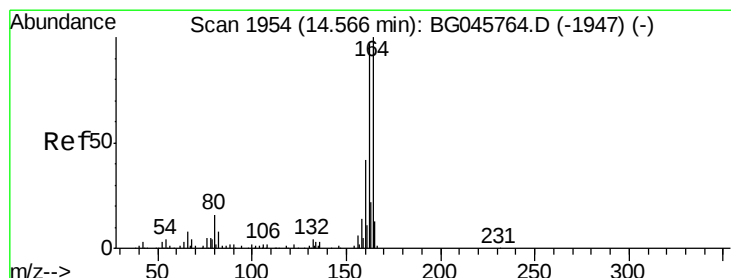
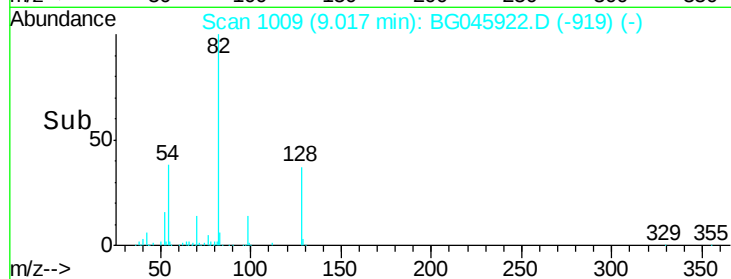
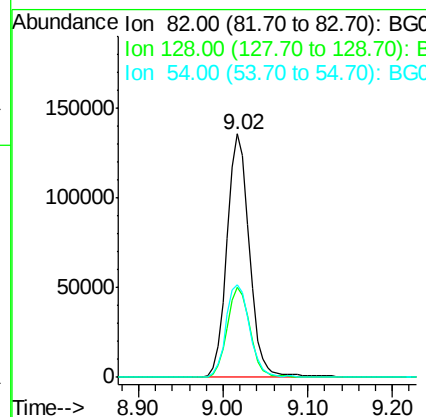
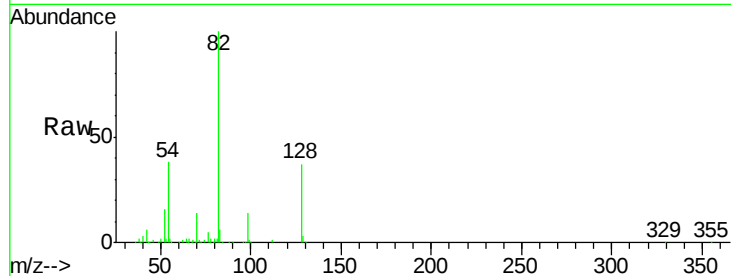




#23
 Nitrobenzene-d5
 Concen: 64.905 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG045922.D
 Acq: 2 Jul 2020 20:04

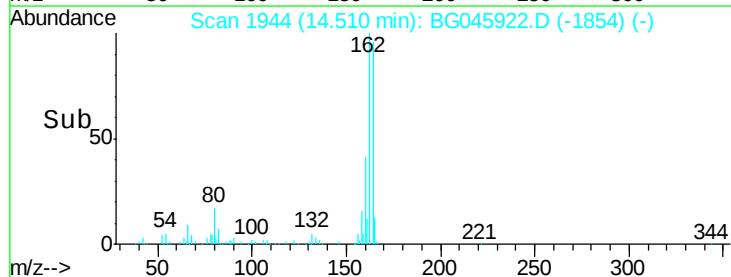
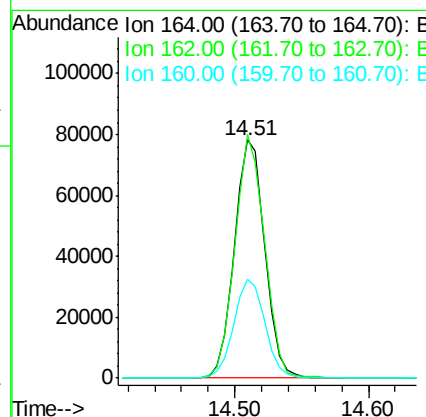
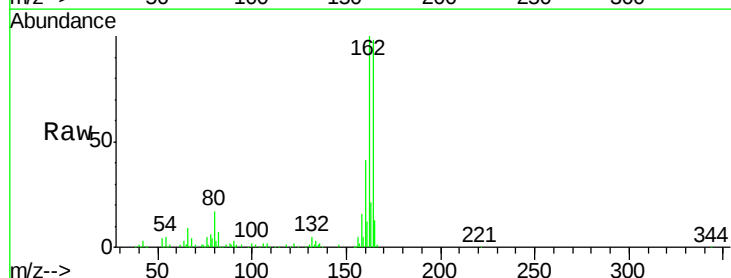
Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMP

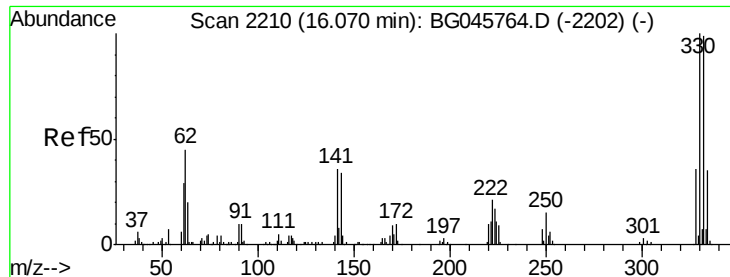
Tot Ion	82	Resp	249949
Ion Ratio	Lower	Upper	
82	100		
128	37.0	29.9	44.9
54	38.2	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: BG045922.D
 Acq: 2 Jul 2020 20:04

Tgt Ion	164	Resp	124482
Ion Ratio	Lower	Upper	
164	100		
162	102.1	78.8	118.2
160	41.7	33.8	50.6





#42

2,4,6-Tribromophenol

Concen: 91.713 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG045922.D

Acq: 2 Jul 2020 20:04

Instrument :

BNA_G

ClientSampled :

MH-1-COMP

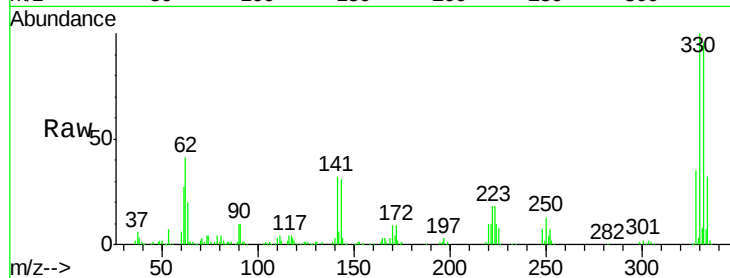
Tot Ion:330 Resp: 172362

Ion Ratio Lower Upper

330 100

332 95.6 79.4 119.0

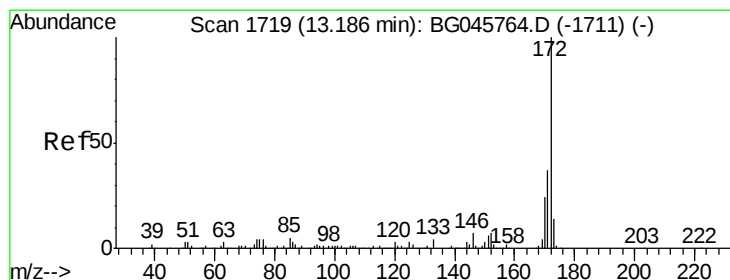
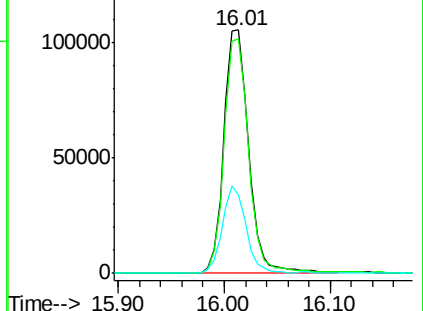
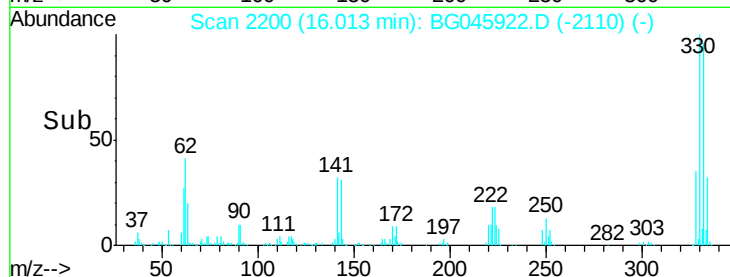
141 34.0 28.2 42.2



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: 66.974 ng

RT: 13.13 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG045922.D

Acq: 2 Jul 2020 20:04

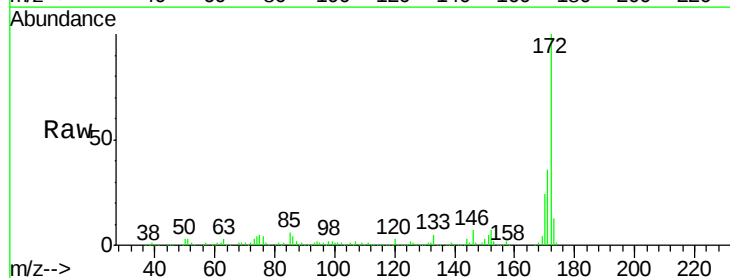
Tgt Ion:172 Resp: 567319

Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

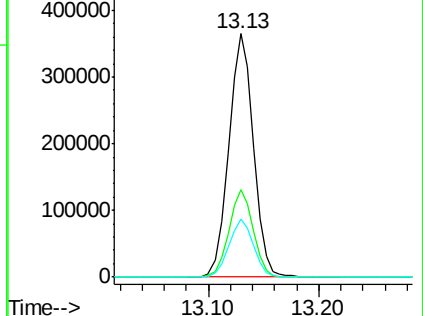
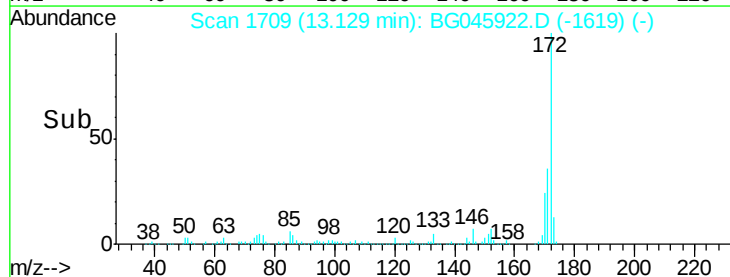
170 24.0 18.9 28.3

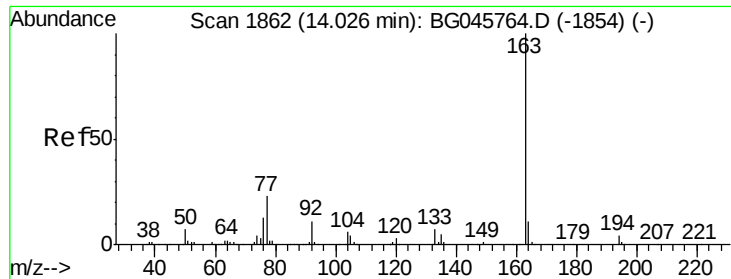


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

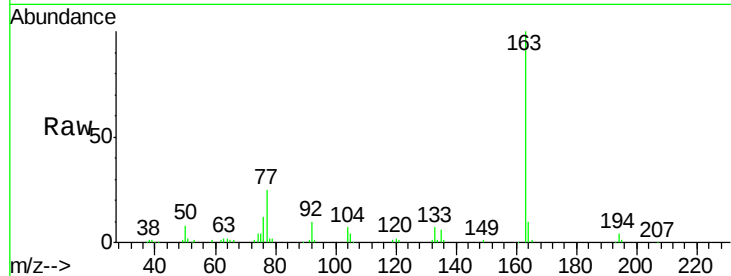




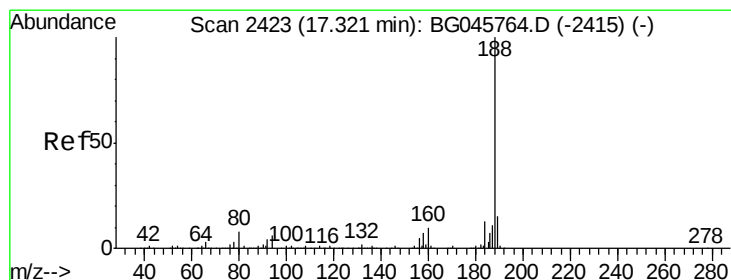
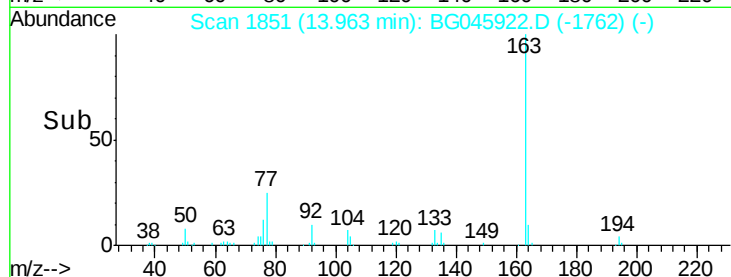
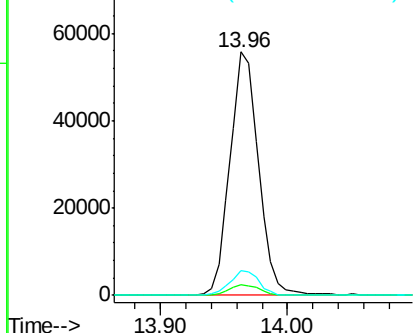
#50
Dimethylphthalate
Concen: 8.912 ng
RT: 13.96 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG045922.D
Acq: 2 Jul 2020 20:04

Instrument :
BNA_G
ClientSampleId :
MH-1-COMP

Tot Ion:163 Resp: 86913
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.3 8.7 13.1

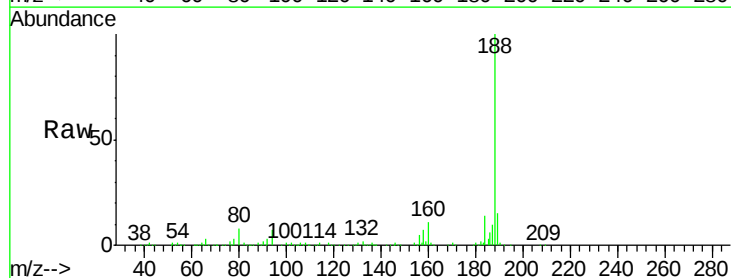


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

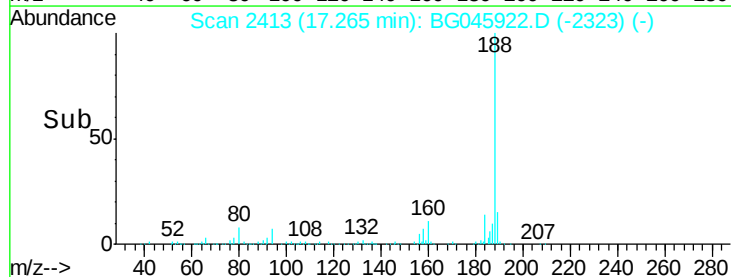
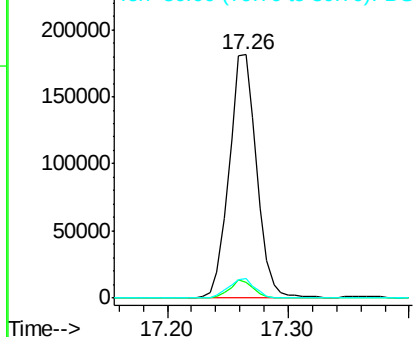


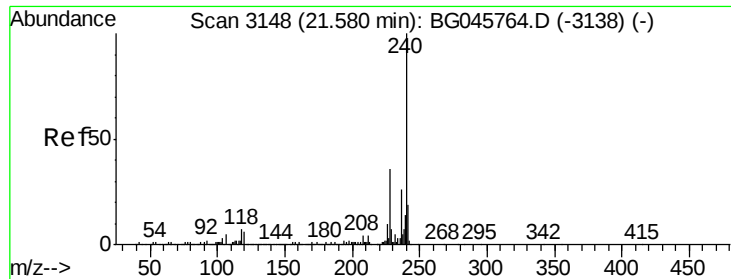
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG045922.D
Acq: 2 Jul 2020 20:04

Tgt Ion:188 Resp: 288027
Ion Ratio Lower Upper
188 100
94 6.6 5.5 8.3
80 7.8 6.1 9.1



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: 21.51 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG045922.D

Acq: 2 Jul 2020 20:04

Instrument :

BNA_G

ClientSampleId :

MH-1-COMP

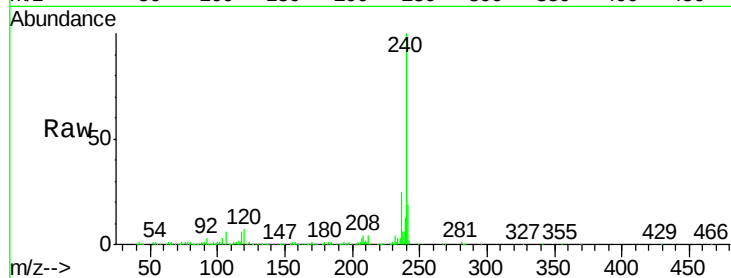
Tot Ion:240 Resp: 325544

Ion Ratio Lower Upper

240 100

120 6.9 5.2 7.8

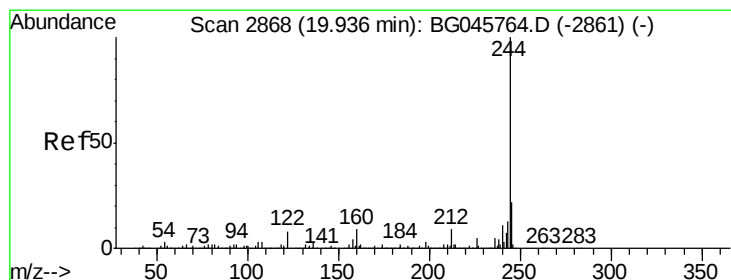
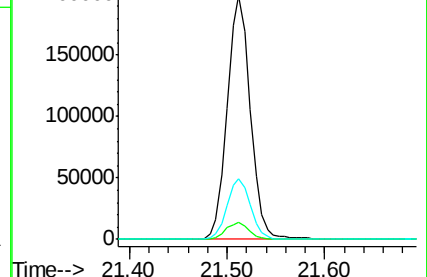
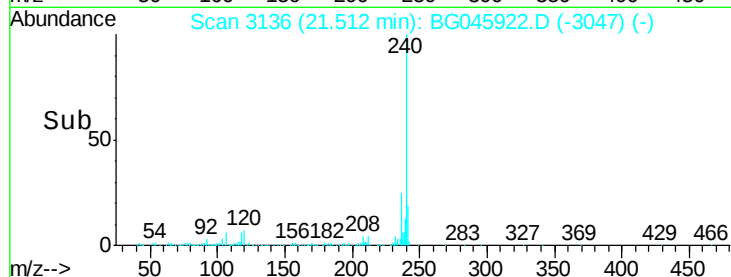
236 24.9 20.8 31.2



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: 67.237 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045922.D

Acq: 2 Jul 2020 20:04

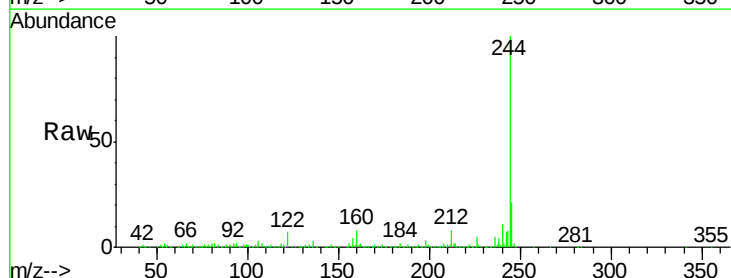
Tgt Ion:244 Resp: 1080068

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

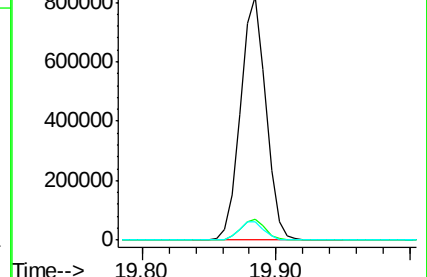
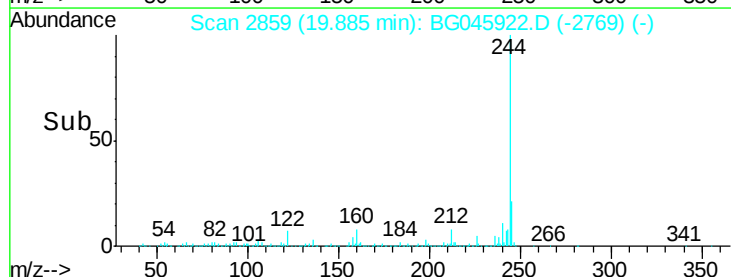
122 7.4 6.6 9.8

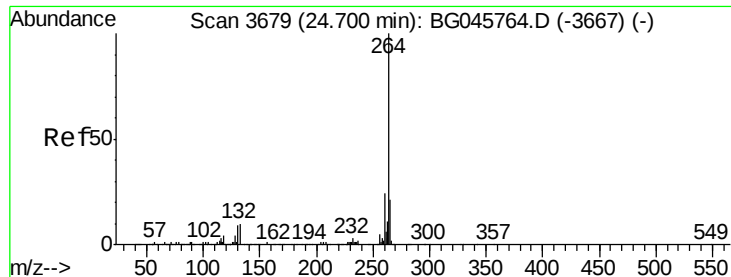


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.60 min Scan# 3661
Delta R.T. -0.00 min
Lab File: BG045922.D
Acq: 2 Jul 2020 20:04

Instrument :
BNA_G
ClientSampleId :
MH-1-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.3	16.4	24.6

