

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
 Data File : BG050790.D
 Acq On : 29 Oct 2021 23:28
 Operator : CG/JU
 Sample : M4395-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-FFD

Quant Time: Oct 30 01:39:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.243	152	31285	20.000	ng	-0.01
21) Naphthalene-d8	11.070	136	135892	20.000	ng	#-0.01
39) Acenaphthene-d10	14.865	164	90962	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	204391	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	184845	20.000	ng	# 0.00
86) Perylene-d12	25.335	264	181107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.782	112	266600	127.444	ng	0.00
7) Phenol-d6	7.392	99	360676	119.086	ng	0.00
23) Nitrobenzene-d5	9.419	82	246288	75.025	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	110792	127.697	ng	0.00
45) 2-Fluorobiphenyl	13.490	172	461918	76.428	ng	-0.01
79) Terphenyl-d14	20.206	244	650878	68.622	ng	0.00

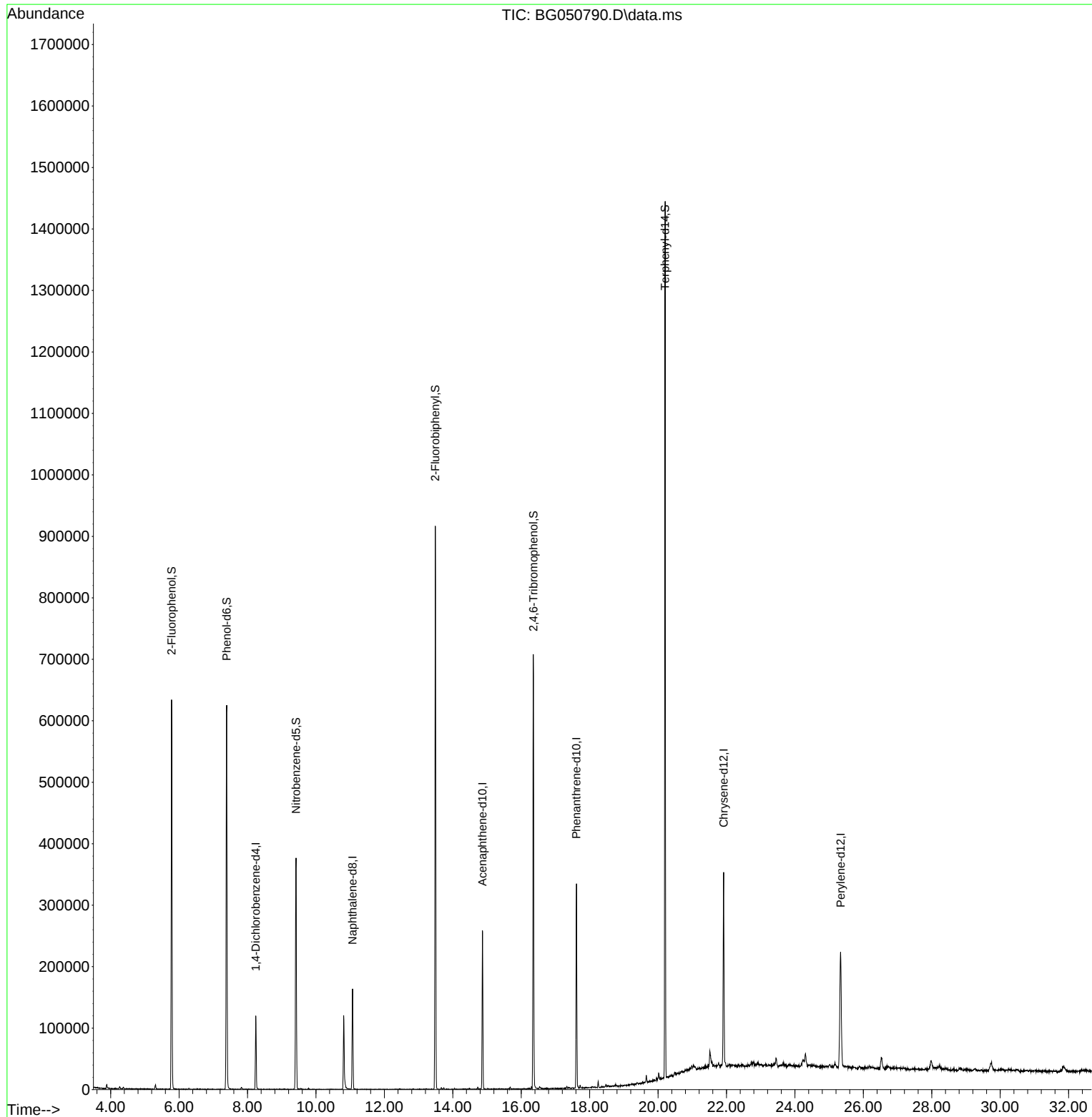
Target Compounds	Qvalue

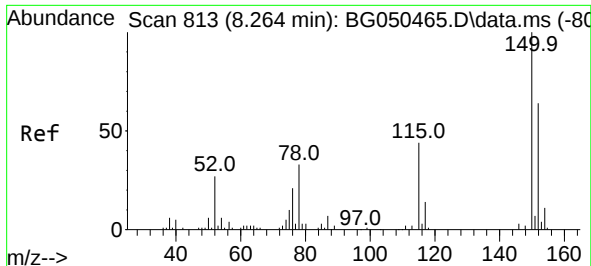
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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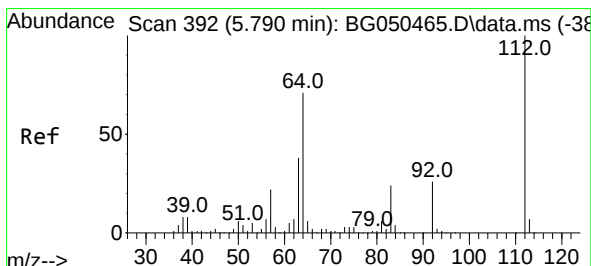
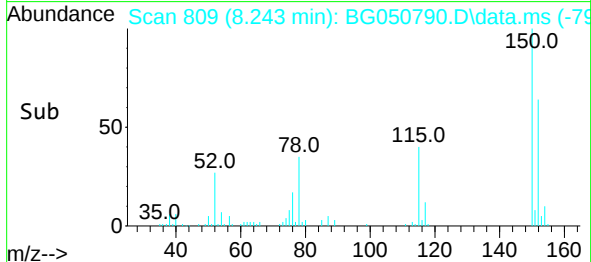
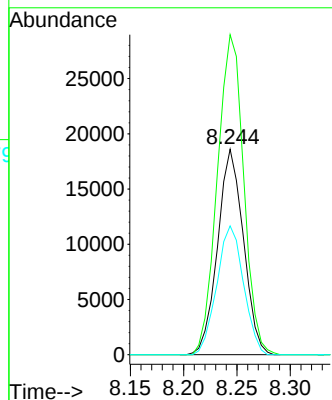
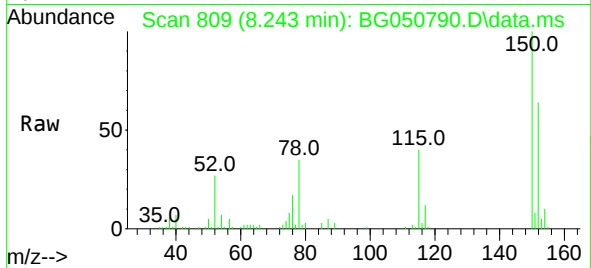




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.243 min Scan# 809
Delta R.T. -0.014 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

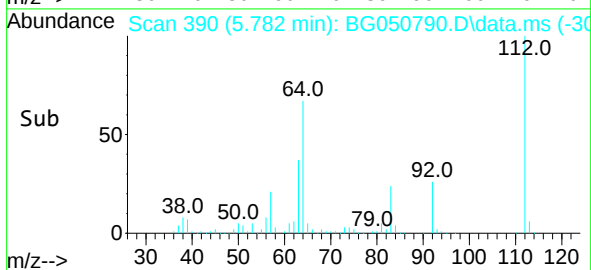
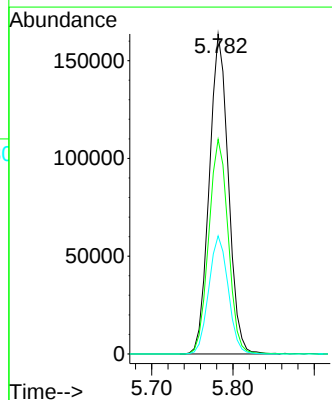
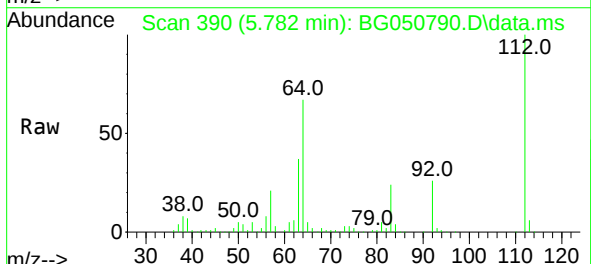
Instrument :
BNA_G
ClientSampleId :
MH-FFD

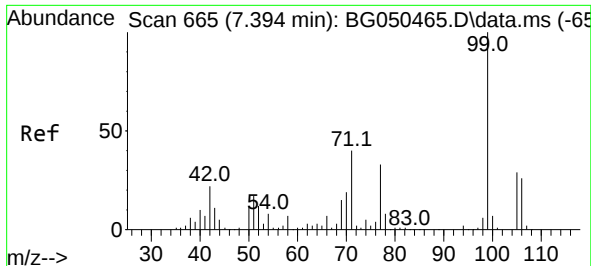
Tgt Ion:152 Resp: 31285
Ion Ratio Lower Upper
152 100
150 155.8 119.4 179.0
115 62.7 60.2 90.4



#5
2-Fluorophenol
Concen: 127.444 ng
RT: 5.782 min Scan# 390
Delta R.T. -0.009 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:112 Resp: 266600
Ion Ratio Lower Upper
112 100
64 67.1 46.7 70.1
63 36.9 35.3 52.9

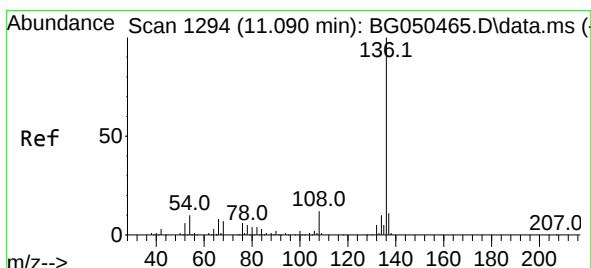
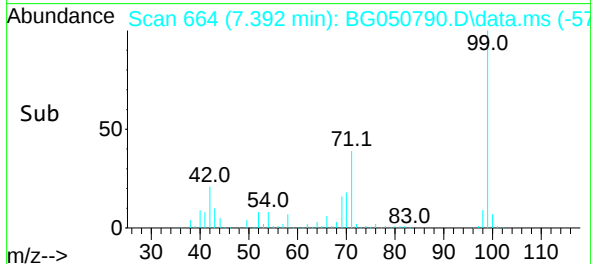
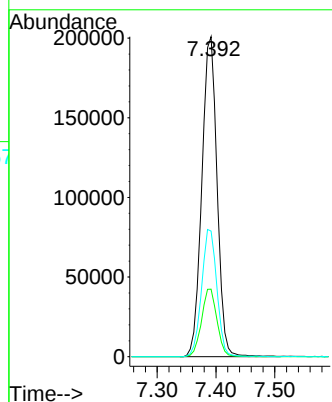
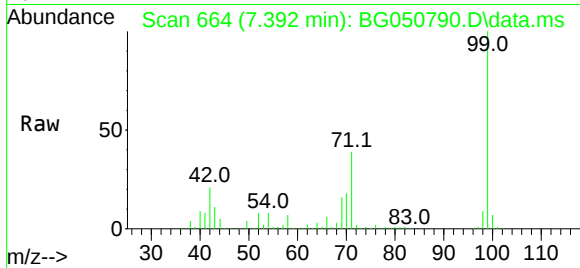




#7
Phenol-d6
Concen: 119.086 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

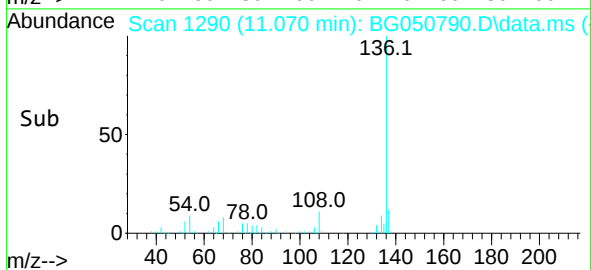
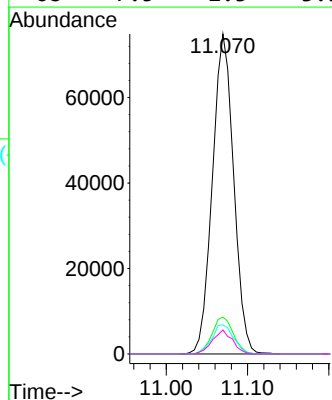
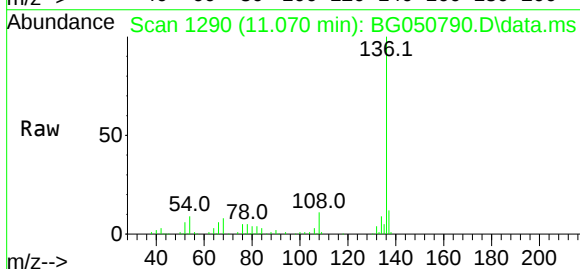
Instrument :
BNA_G
ClientSampleId :
MH-FFD

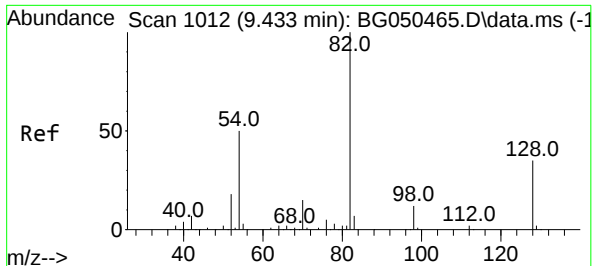
Tgt Ion: 99 Resp: 360676
Ion Ratio Lower Upper
99 100
42 21.1 20.5 30.7
71 39.2 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 1290
Delta R.T. -0.015 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:136 Resp: 135892
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 9.1 5.5 8.3#
68 7.5 2.3 3.5#

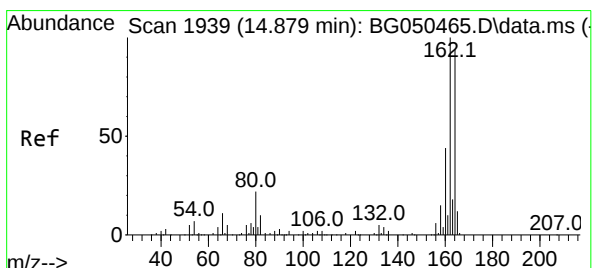
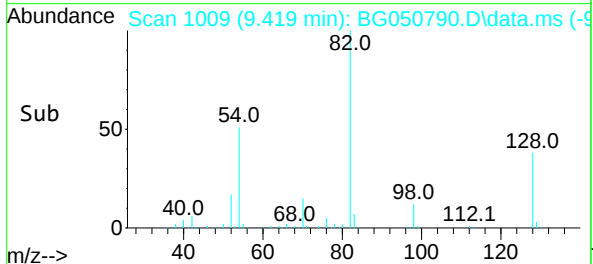
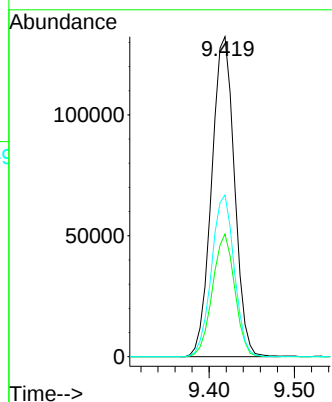
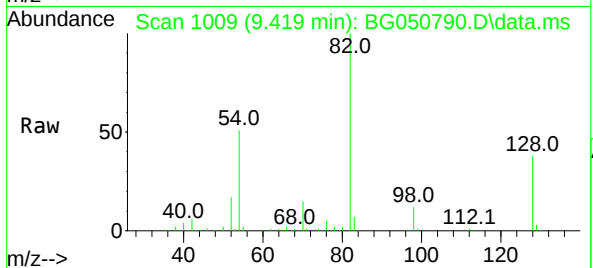




#23
Nitrobenzene-d5
Concen: 75.025 ng
RT: 9.419 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

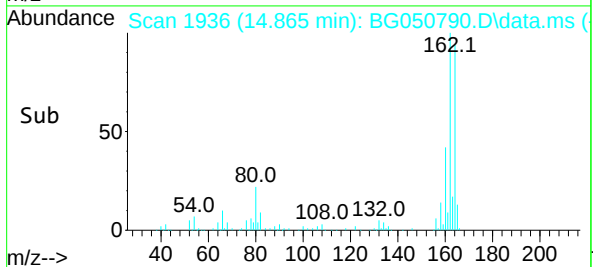
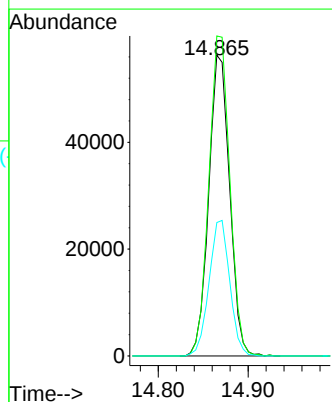
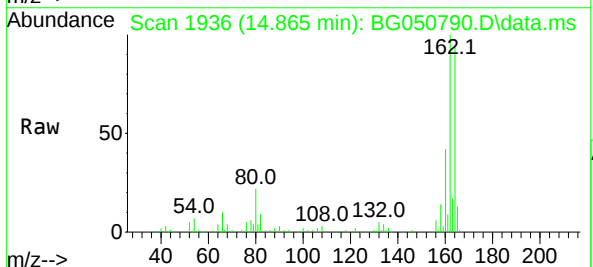
Instrument :
BNA_G
ClientSampleId :
MH-FFD

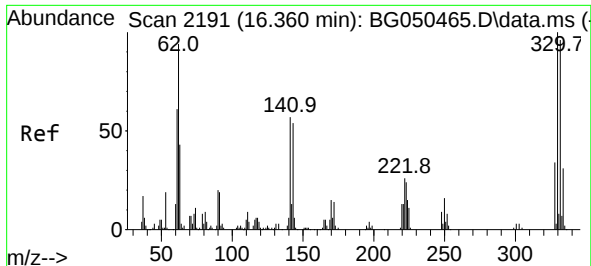
Tgt Ion: 82 Resp: 246288
Ion Ratio Lower Upper
82 100
128 38.4 29.8 44.6
54 50.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.865 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:164 Resp: 90962
Ion Ratio Lower Upper
164 100
162 106.4 81.4 122.0
160 44.4 34.9 52.3

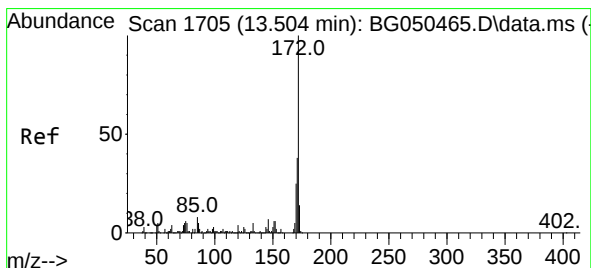
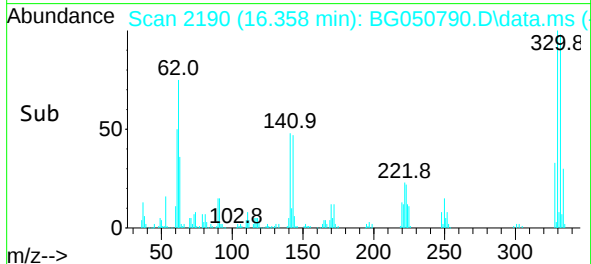
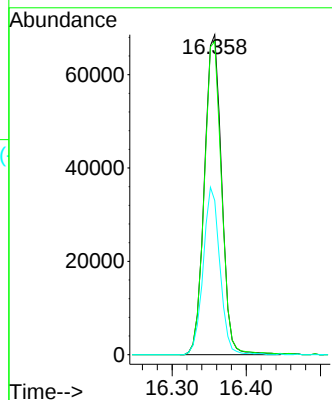
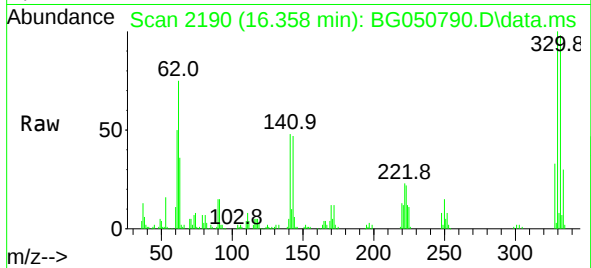




#42
2,4,6-Tribromophenol
Concen: 127.697 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

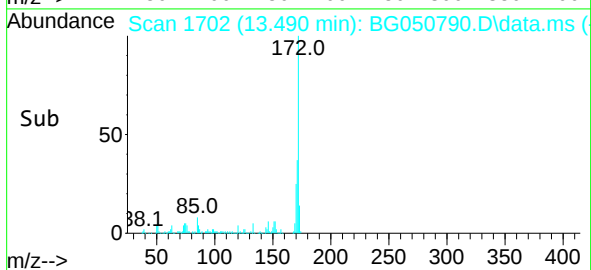
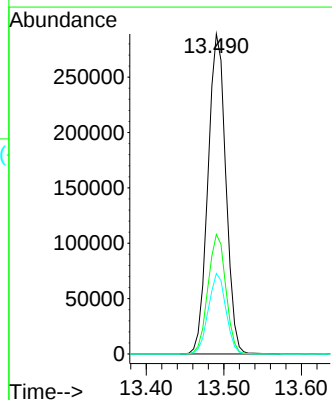
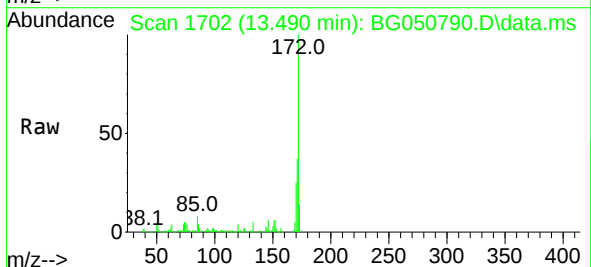
Instrument :
BNA_G
ClientSampleId :
MH-FFD

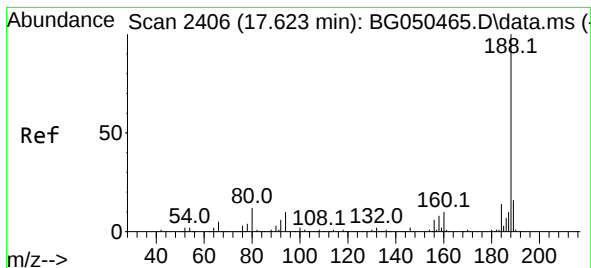
Tgt Ion:330 Resp: 110792
Ion Ratio Lower Upper
330 100
332 98.3 77.3 115.9
141 50.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 76.428 ng
RT: 13.490 min Scan# 1702
Delta R.T. -0.015 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:172 Resp: 461918
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.2 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.615 min Scan# 2404

Delta R.T. -0.003 min

Lab File: BG050790.D

Acq: 29 Oct 2021 23:28

Instrument :

BNA_G

ClientSampleId :

MH-FFD

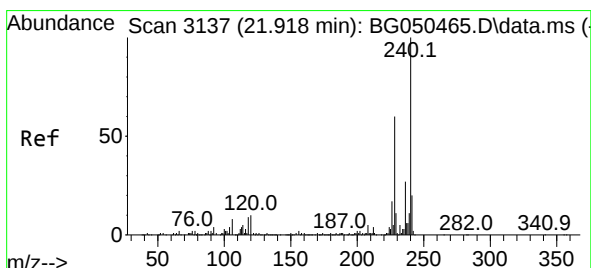
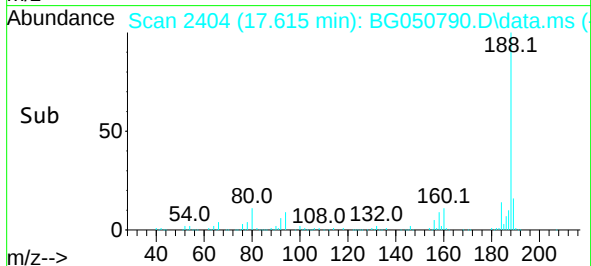
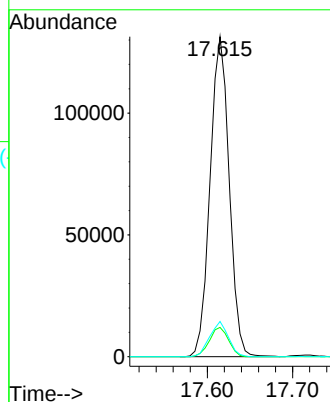
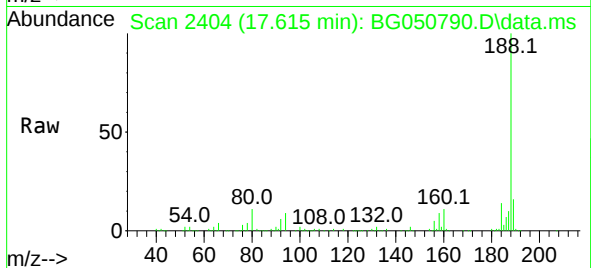
Tgt Ion:188 Resp: 204391

Ion Ratio Lower Upper

188 100

94 9.2 5.4 8.0#

80 11.0 3.7 5.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.916 min Scan# 3136

Delta R.T. -0.009 min

Lab File: BG050790.D

Acq: 29 Oct 2021 23:28

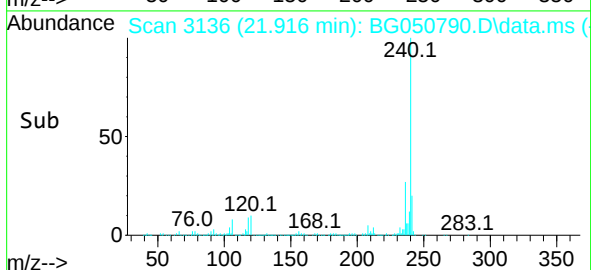
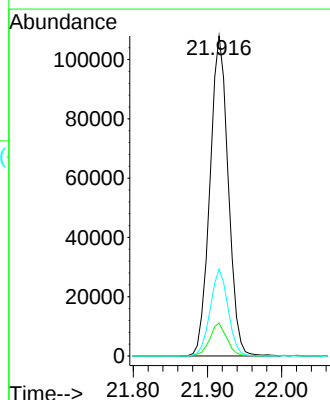
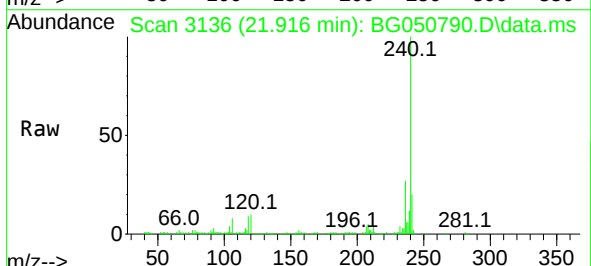
Tgt Ion:240 Resp: 184845

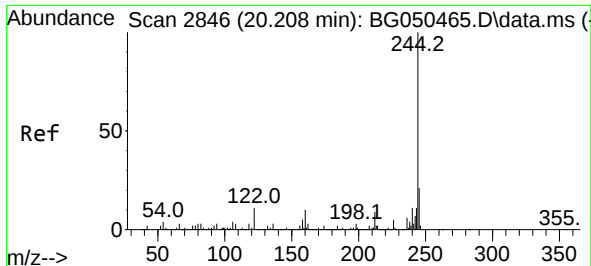
Ion Ratio Lower Upper

240 100

120 10.3 4.2 6.2#

236 27.2 21.8 32.6

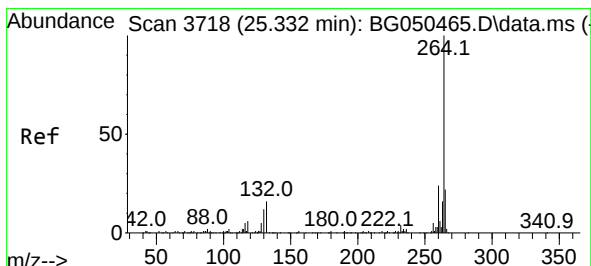
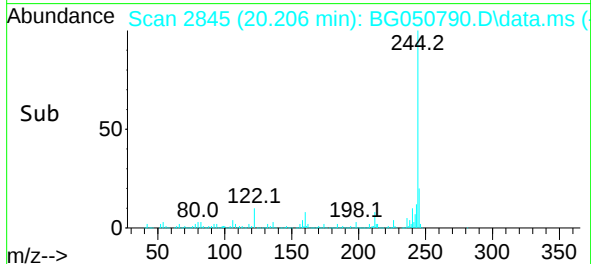
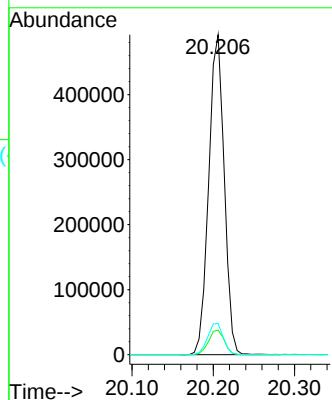
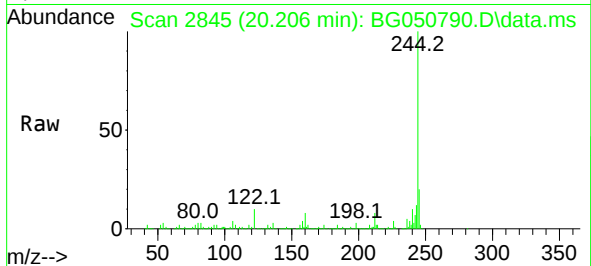




#79
 Terphenyl-d14
 Concen: 68.622 ng
 RT: 20.206 min Scan# 2845
 Delta R.T. -0.003 min
 Lab File: BG050790.D
 Acq: 29 Oct 2021 23:28

Instrument :
 BNA_G
 ClientSampleId :
 MH-FFD

Tgt Ion:244 Resp: 650878
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.9 10.3
 122 9.7 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.335 min Scan# 3718
 Delta R.T. 0.003 min
 Lab File: BG050790.D
 Acq: 29 Oct 2021 23:28

Tgt Ion:264 Resp: 181107
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.4 29.2
 265 21.2 16.9 25.3

