

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
 Data File : BG050789.D
 Acq On : 29 Oct 2021 22:47
 Operator : CG/JU
 Sample : M4395-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-FFS

Quant Time: Oct 30 01:39:22 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	8.244	152	29562	20.000	ng	#-0.01
21) Naphthalene-d8	11.070	136	124662	20.000	ng	#-0.01
39) Acenaphthene-d10	14.871	164	83641	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	192862	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	183030	20.000	ng	# 0.00
86) Perylene-d12	25.336	264	182350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.782	112	226922	114.799	ng	0.00
7) Phenol-d6	7.386	99	309270	108.065	ng	-0.01
23) Nitrobenzene-d5	9.413	82	212982	70.724	ng	-0.01
42) 2,4,6-Tribromophenol	16.358	330	97518	122.235	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	410291	73.828	ng	-0.01
79) Terphenyl-d14	20.206	244	630220	67.103	ng	0.00

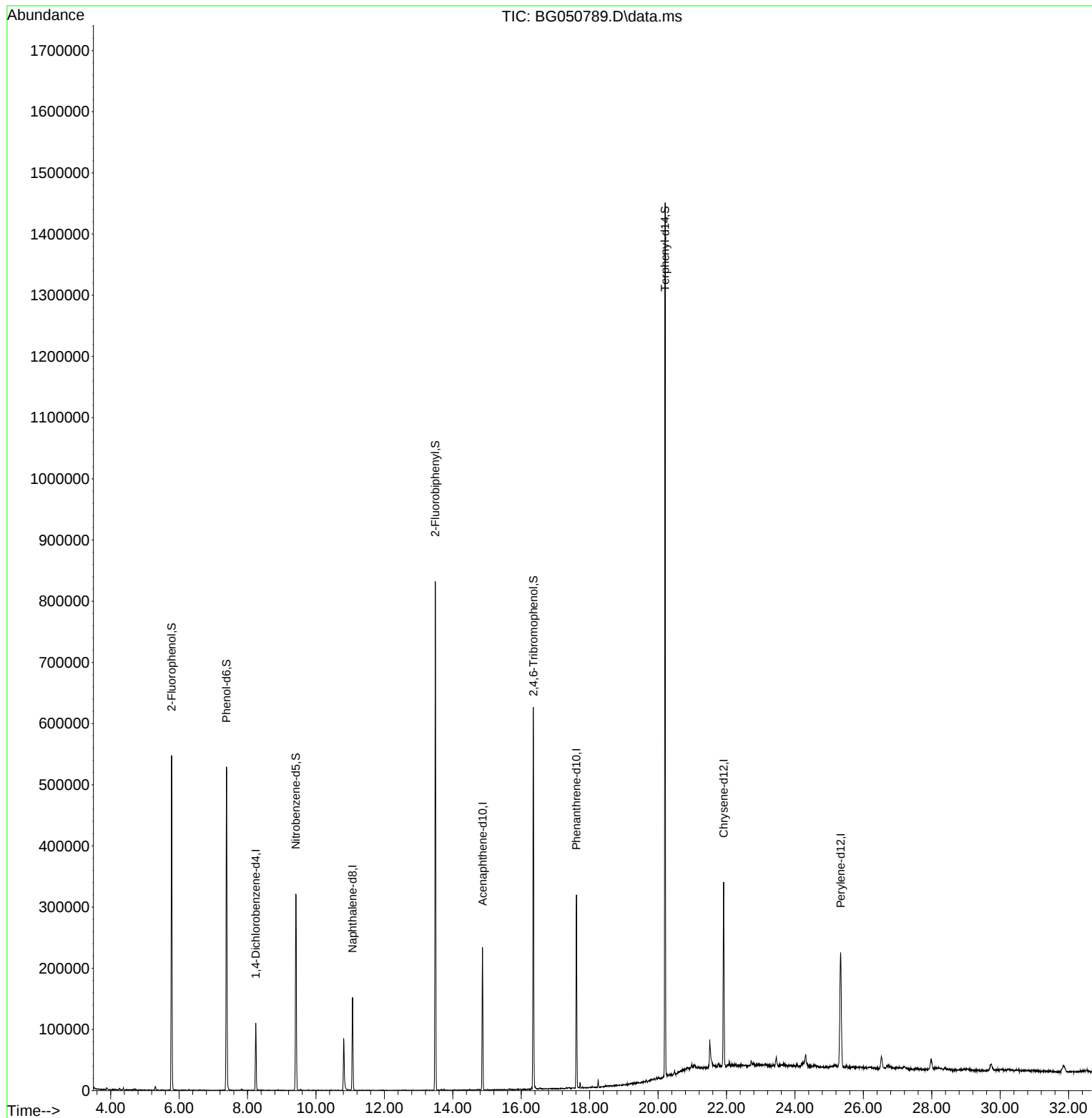
Target Compounds	Qvalue

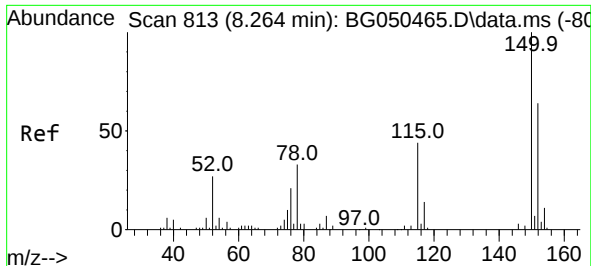
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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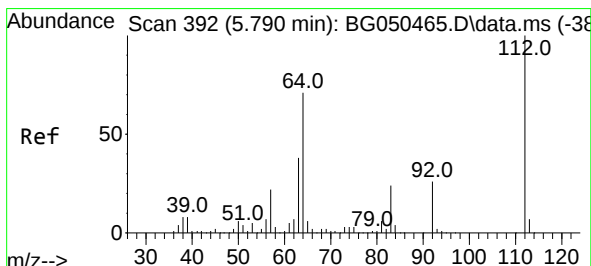
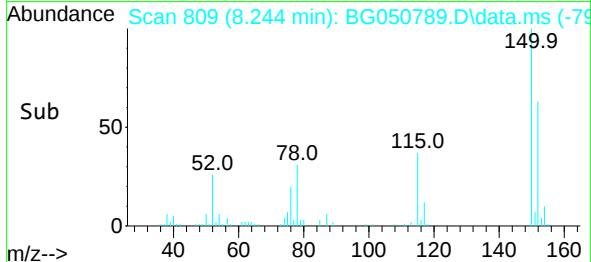
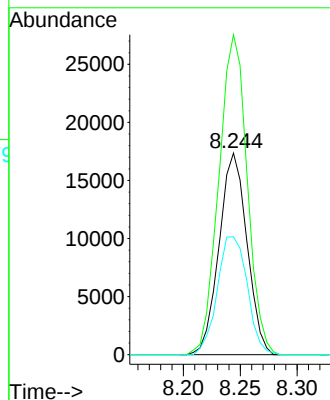
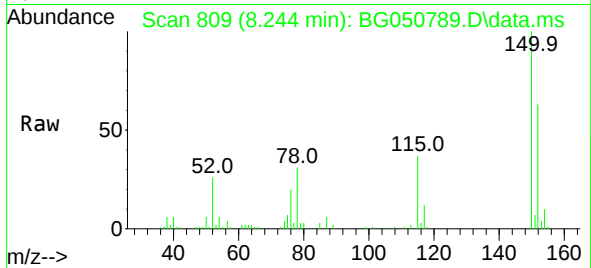




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.244 min Scan# 809
Delta R.T. -0.014 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

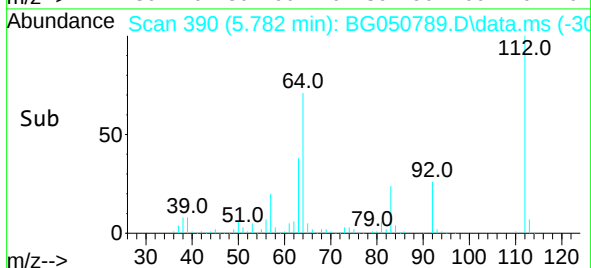
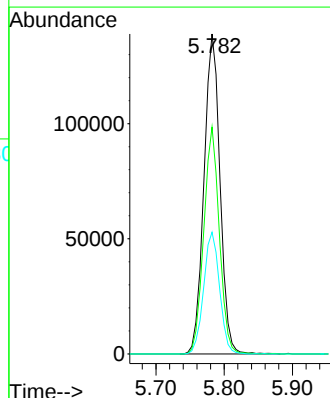
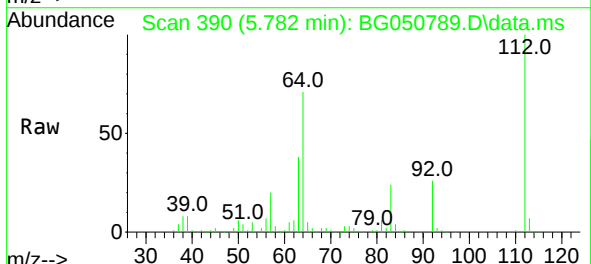
Instrument :
BNA_G
ClientSampleId :
MH-FFS

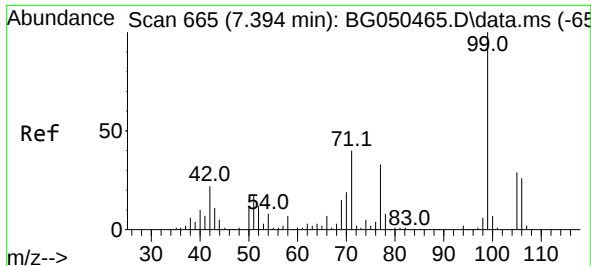
Tgt Ion:152 Resp: 29562
Ion Ratio Lower Upper
152 100
150 158.7 119.4 179.0
115 58.5 60.2 90.4#



#5
2-Fluorophenol
Concen: 114.799 ng
RT: 5.782 min Scan# 390
Delta R.T. -0.009 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:112 Resp: 226922
Ion Ratio Lower Upper
112 100
64 70.9 46.7 70.1#
63 38.0 35.3 52.9

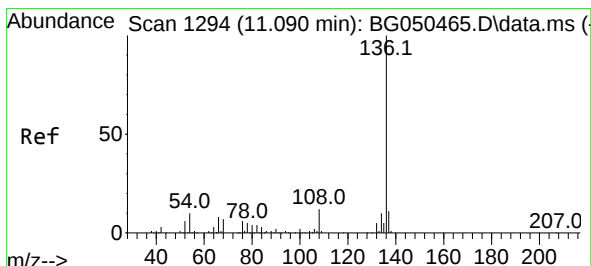
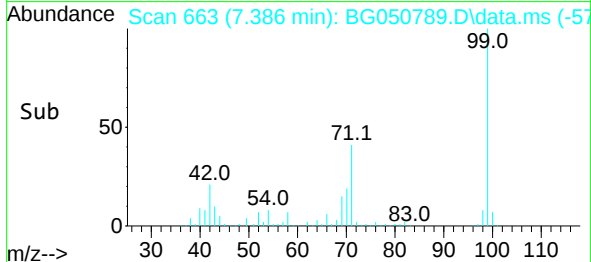
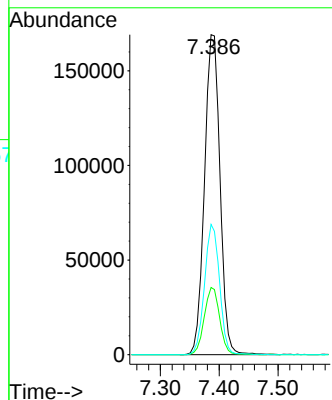
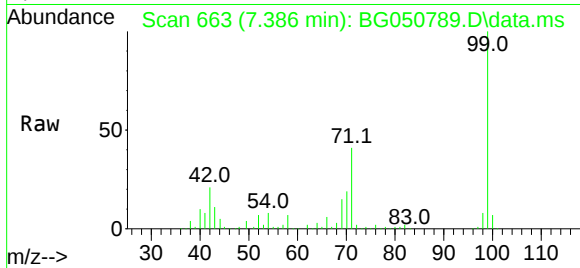




#7
Phenol-d6
Concen: 108.065 ng
RT: 7.386 min Scan# 663
Delta R.T. -0.014 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

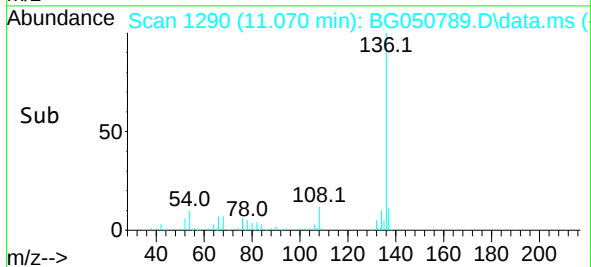
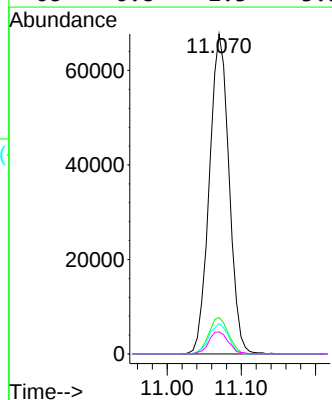
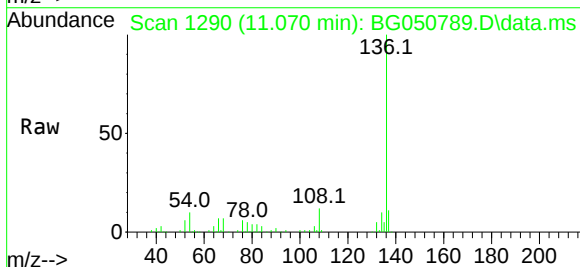
Instrument :
BNA_G
ClientSampleId :
MH-FFS

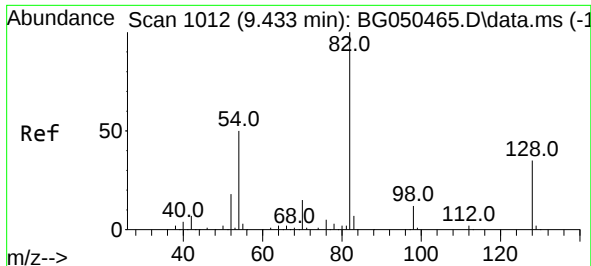
Tgt Ion: 99 Resp: 309270
Ion Ratio Lower Upper
99 100
42 21.0 20.5 30.7
71 40.7 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 1290
Delta R.T. -0.014 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion: 136 Resp: 124662
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 9.5 5.5 8.3#
68 6.8 2.3 3.5#

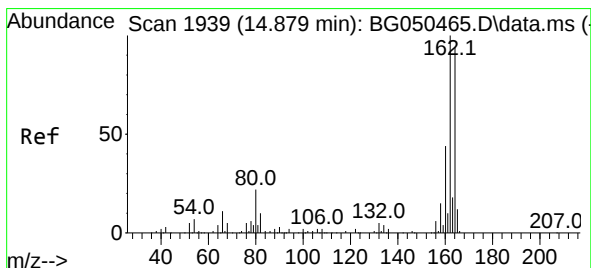
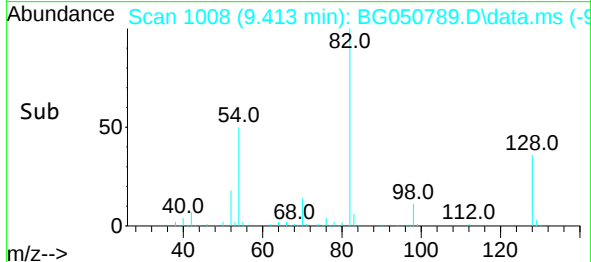
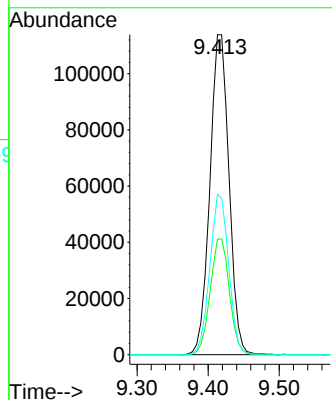
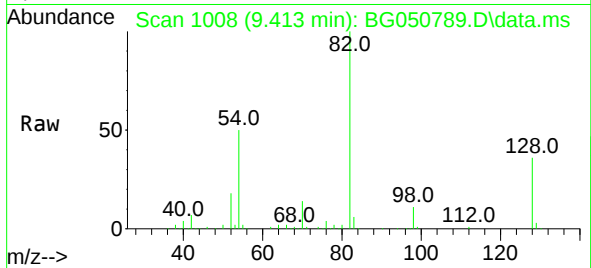




#23
Nitrobenzene-d5
Concen: 70.724 ng
RT: 9.413 min Scan# 1008
Delta R.T. -0.014 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

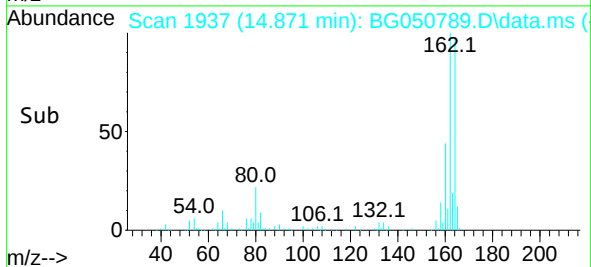
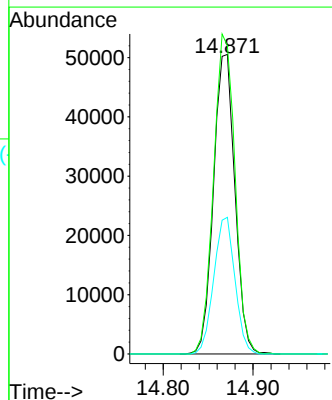
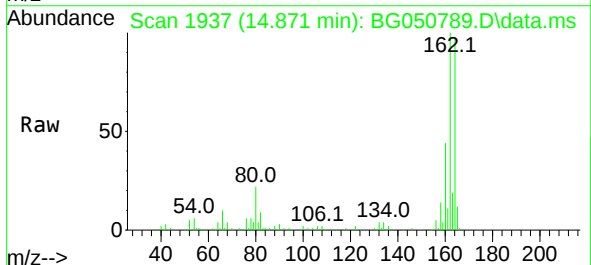
Instrument :
BNA_G
ClientSampleId :
MH-FFS

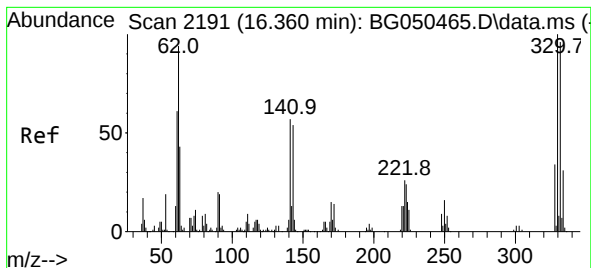
Tgt Ion: 82 Resp: 212982
Ion Ratio Lower Upper
82 100
128 36.1 29.8 44.6
54 50.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion: 164 Resp: 83641
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 45.6 34.9 52.3

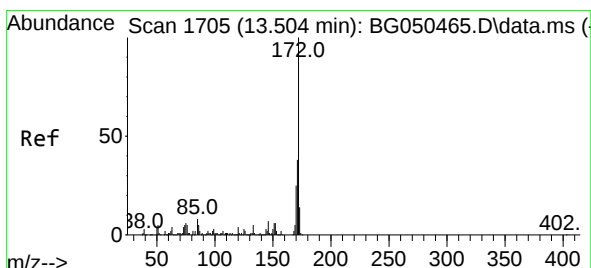
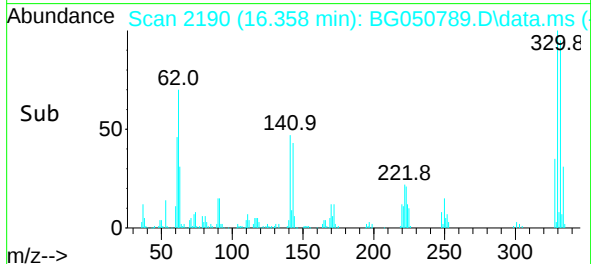
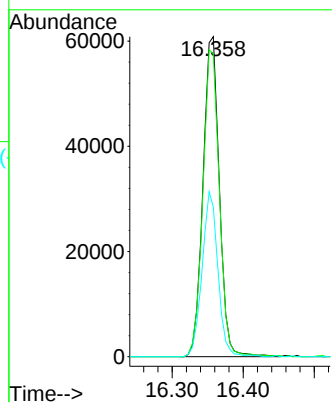
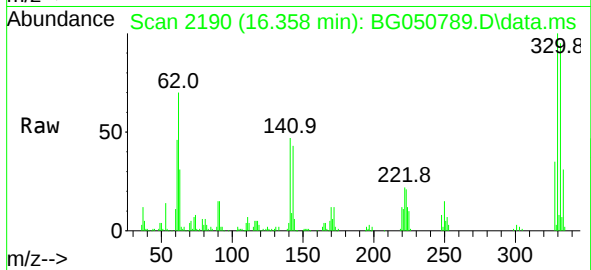




#42
2,4,6-Tribromophenol
Concen: 122.235 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

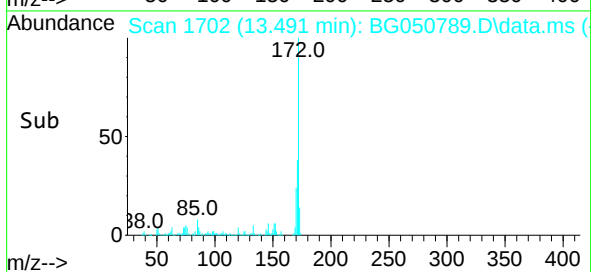
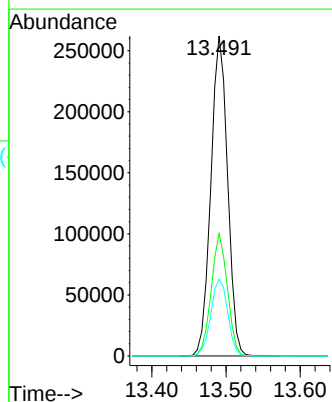
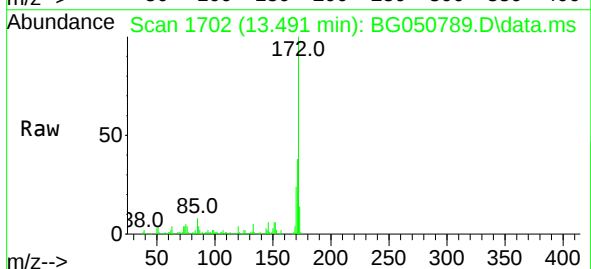
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ClientSampleId :
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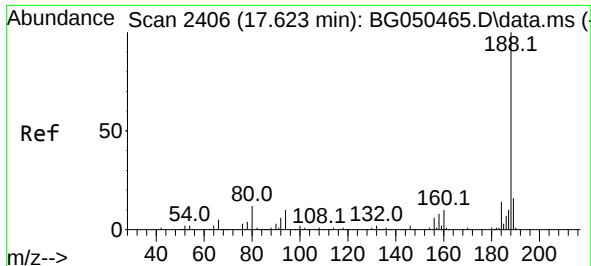
Tgt Ion:330 Resp: 97518
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 49.9 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 73.828 ng
RT: 13.491 min Scan# 1702
Delta R.T. -0.014 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:172 Resp: 410291
Ion Ratio Lower Upper
172 100
171 38.3 28.6 43.0
170 24.0 18.6 27.8

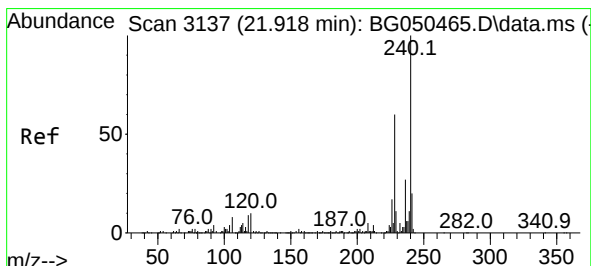
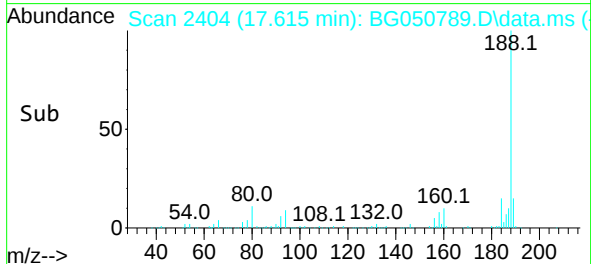
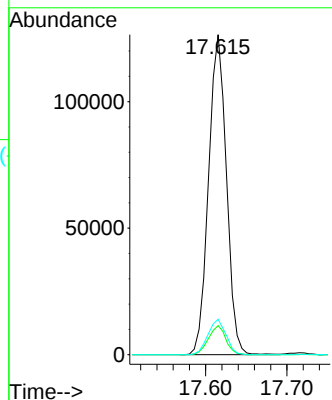
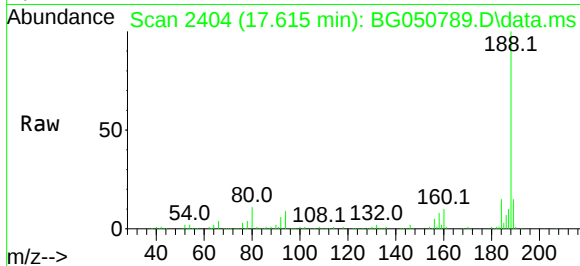




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

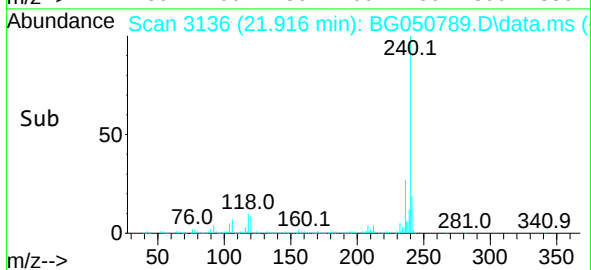
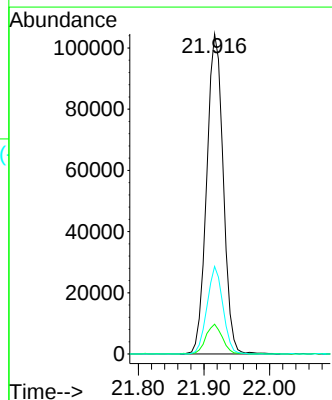
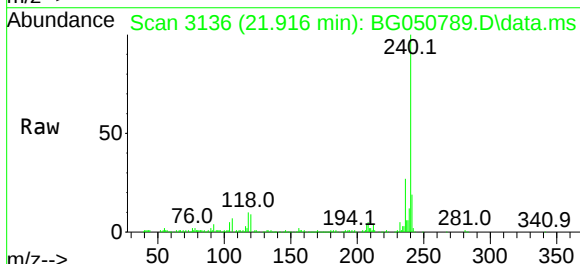
Instrument :
BNA_G
ClientSampleId :
MH-FFS

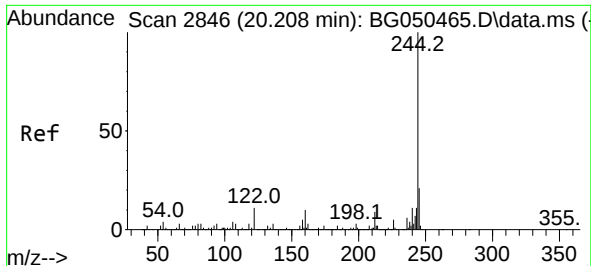
Tgt Ion:188 Resp: 192862
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.0 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:240 Resp: 183030
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 27.4 21.8 32.6

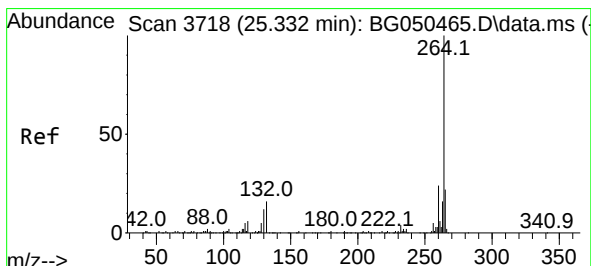
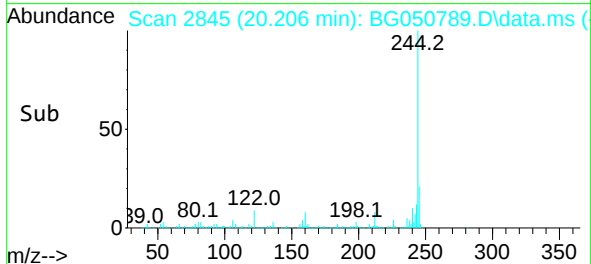
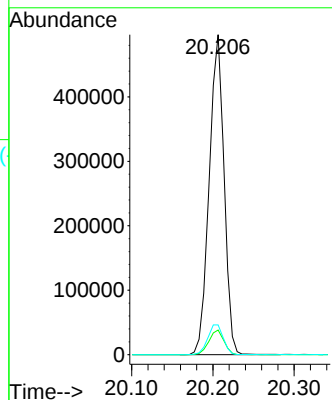
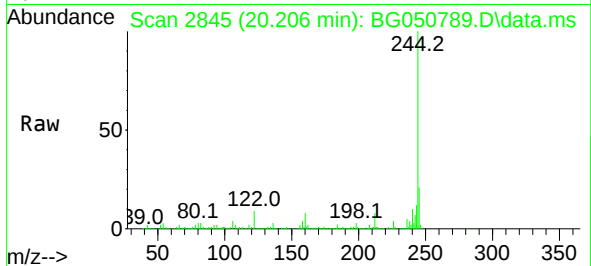




#79
Terphenyl-d14
Concen: 67.103 ng
RT: 20.206 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Instrument :
BNA_G
ClientSampleId :
MH-FFS

Tgt Ion:244 Resp: 630220
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 9.3 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.336 min Scan# 3718
Delta R.T. 0.003 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:264 Resp: 182350
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 20.8 16.9 25.3

