

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
 Data File : BG055390.D
 Acq On : 31 Oct 2022 22:42
 Operator : CG/JU
 Sample : N5371-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-2-WC

Quant Time: Nov 01 06:51:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

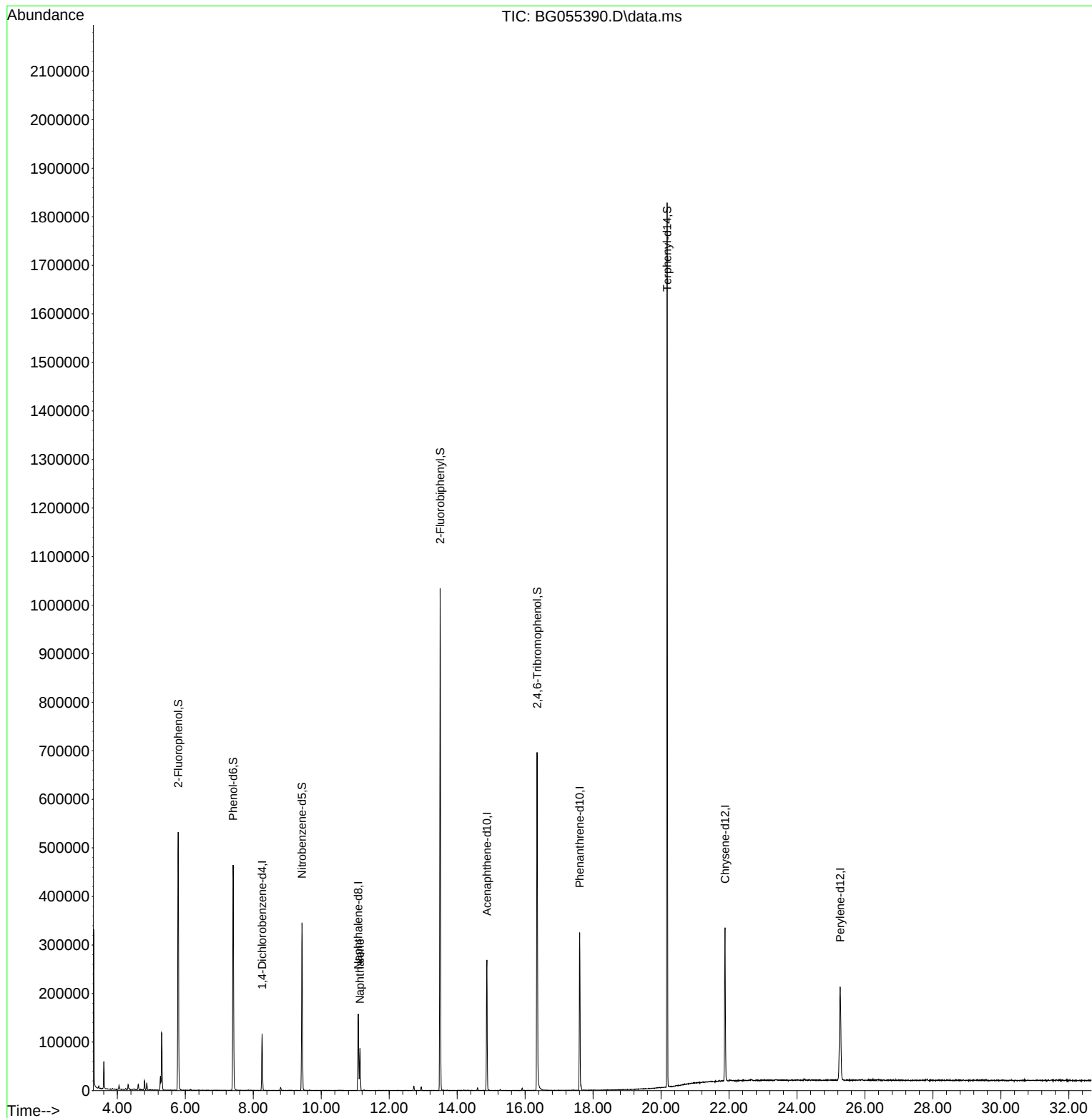
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	35603	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	141905	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	96614	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	214636	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	209865	20.000	ng	# 0.00
86) Perylene-d12	25.268	264	225189	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	246470	121.215	ng	0.00
7) Phenol-d6	7.406	99	290812	98.720	ng	0.00
23) Nitrobenzene-d5	9.433	82	220041	79.180	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	171399	163.194	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	527059	89.290	ng	-0.01
79) Terphenyl-d14	20.180	244	911676	90.257	ng	0.00
Target Compounds						
31) Naphthalene	11.137	128	75771	10.009	ng	Qvalue 99

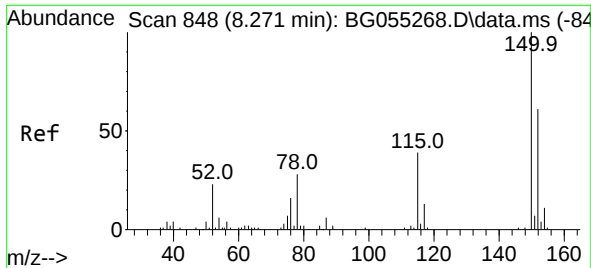
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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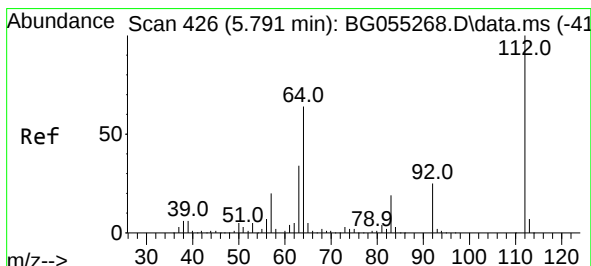
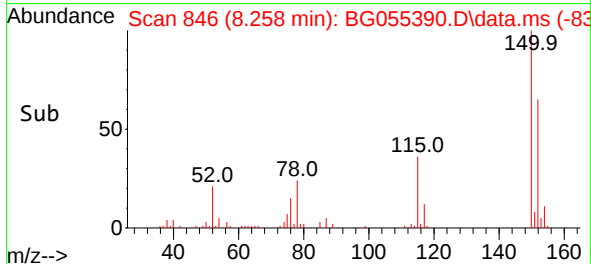
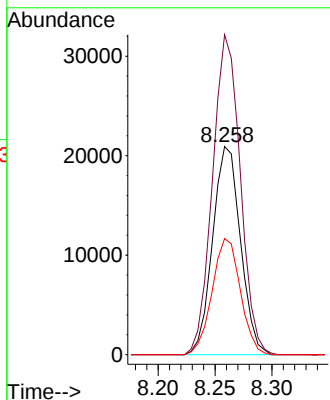
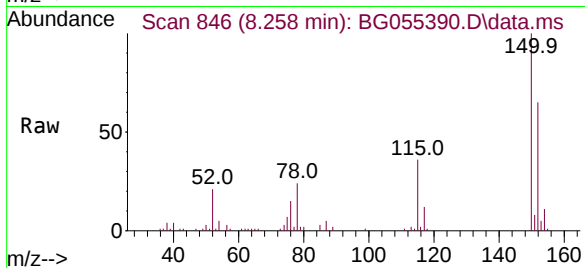




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

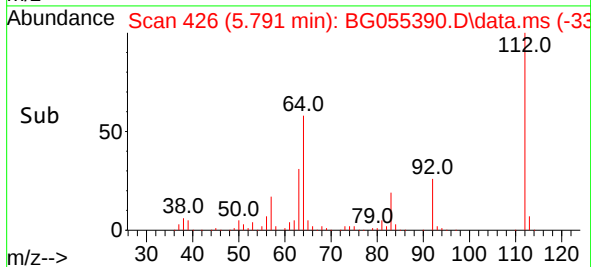
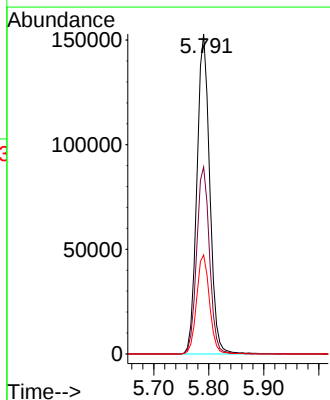
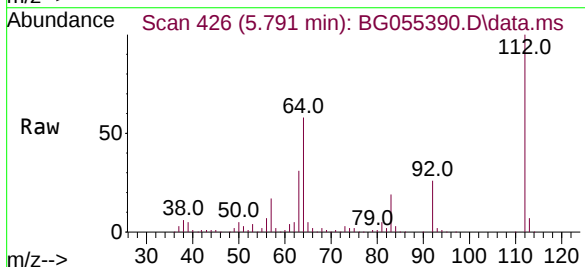
Instrument :
BNA_G
ClientSampleId :
MH-2-WC

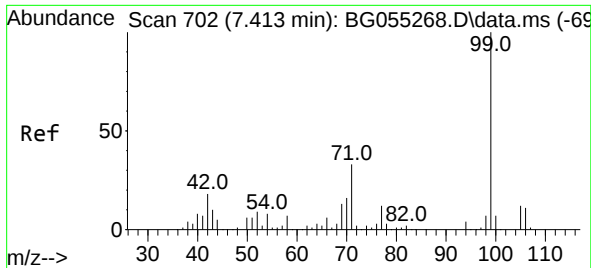
Tgt Ion:152 Resp: 35603
Ion Ratio Lower Upper
152 100
150 153.7 118.2 177.4
115 55.8 44.5 66.7



#5
2-Fluorophenol
Concen: 121.215 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.005 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Tgt Ion:112 Resp: 246470
Ion Ratio Lower Upper
112 100
64 58.5 52.6 78.8
63 31.0 27.1 40.7

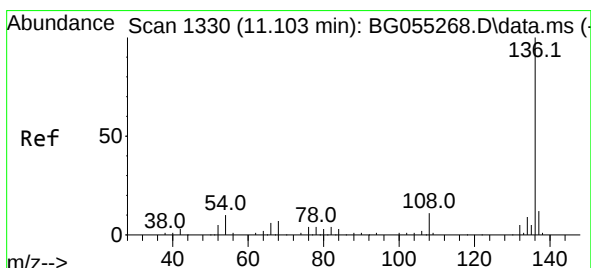
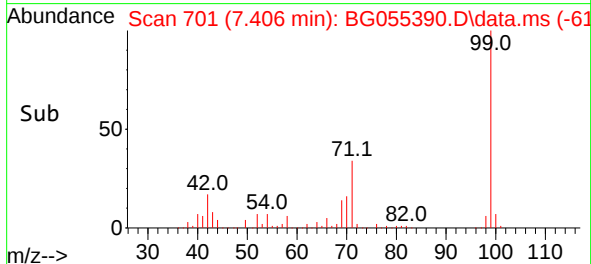
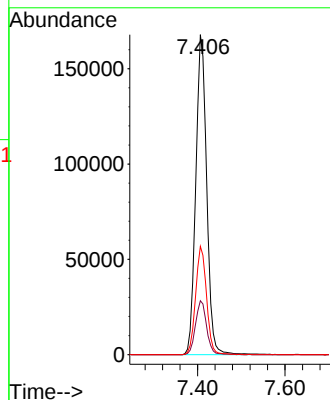
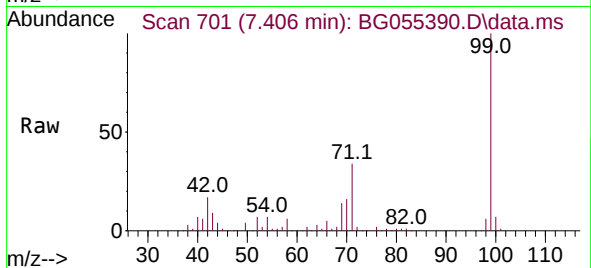




#7
Phenol-d6
Concen: 98.720 ng
RT: 7.406 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

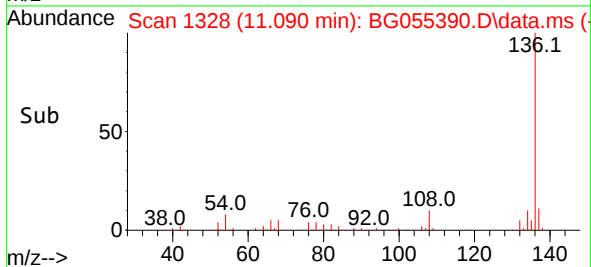
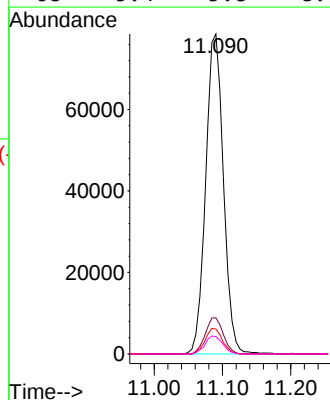
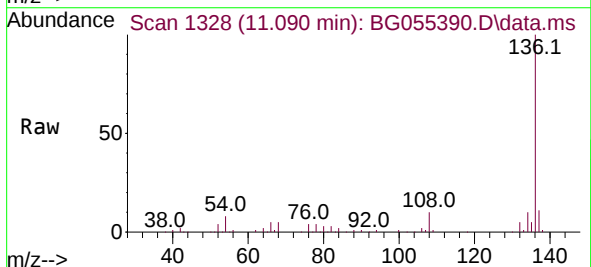
Instrument :
BNA_G
ClientSampleId :
MH-2-WC

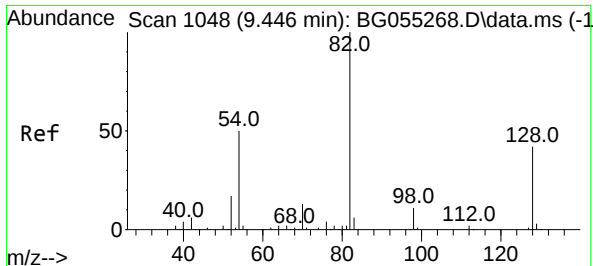
Tgt Ion: 99 Resp: 290812
Ion Ratio Lower Upper
99 100
42 16.8 15.2 22.8
71 33.8 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Tgt Ion: 136 Resp: 141905
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 7.8 7.8 11.8#
68 5.4 5.8 8.6#

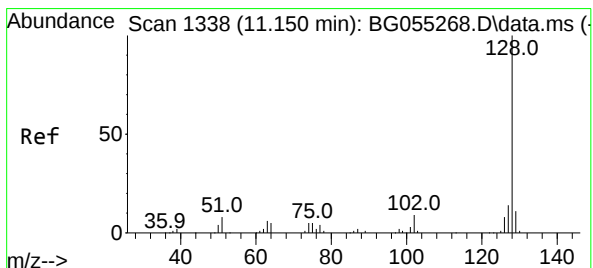
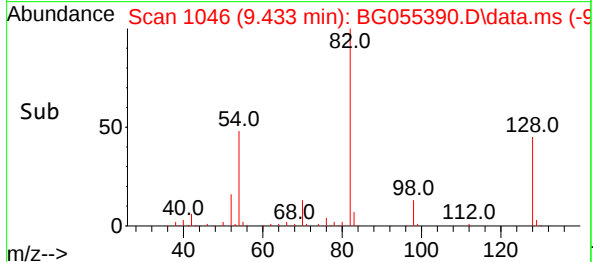
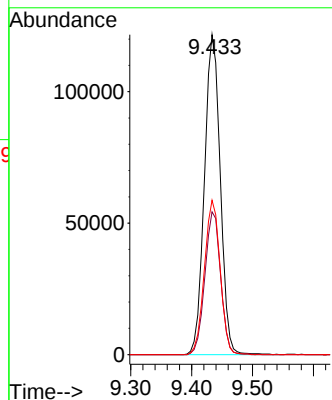
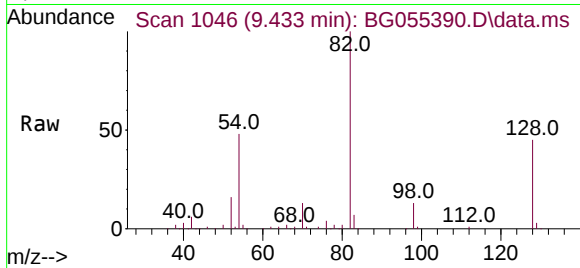




#23
Nitrobenzene-d5
Concen: 79.180 ng
RT: 9.433 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

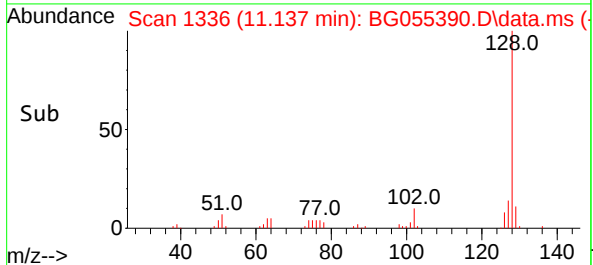
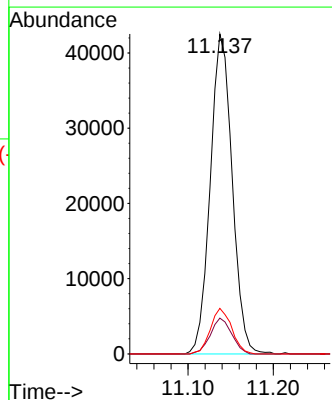
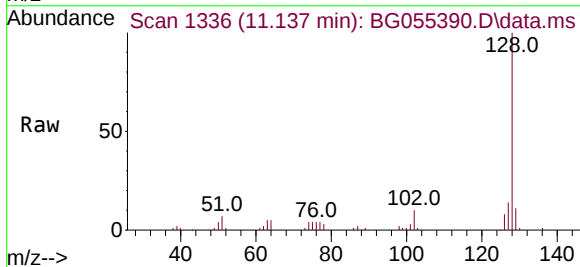
Instrument :
BNA_G
ClientSampleId :
MH-2-WC

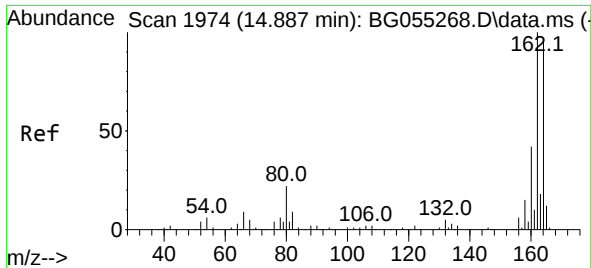
Tgt Ion: 82 Resp: 220041
Ion Ratio Lower Upper
82 100
128 44.6 32.0 48.0
54 48.2 40.9 61.3



#31
Naphthalene
Concen: 10.009 ng
RT: 11.137 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Tgt Ion:128 Resp: 75771
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 14.2 11.1 16.7

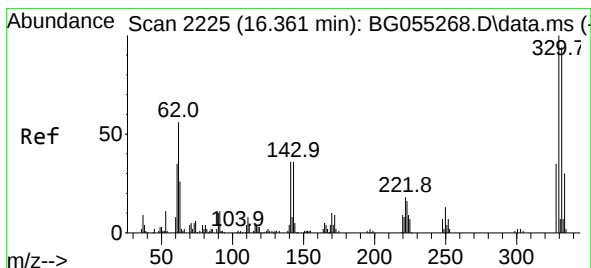
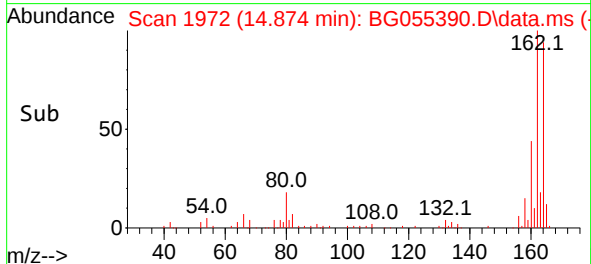
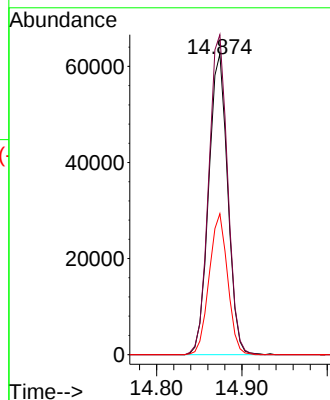
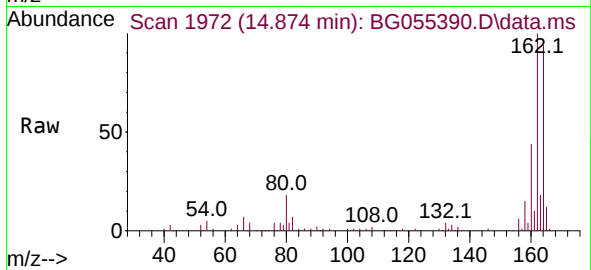




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

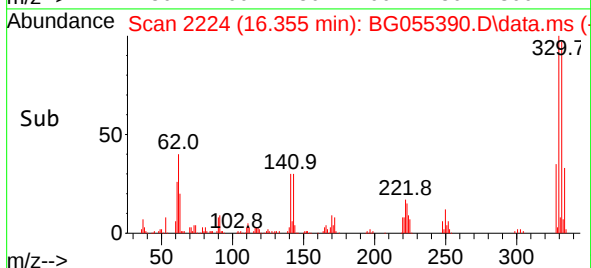
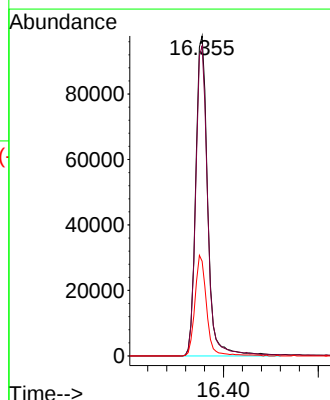
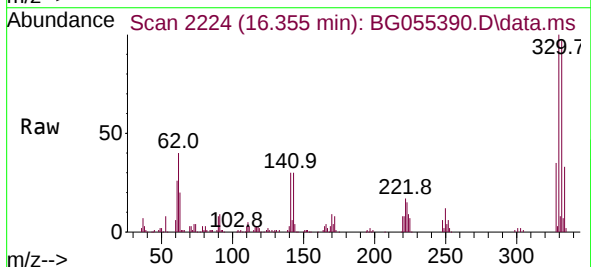
Instrument :
BNA_G
ClientSampleId :
MH-2-WC

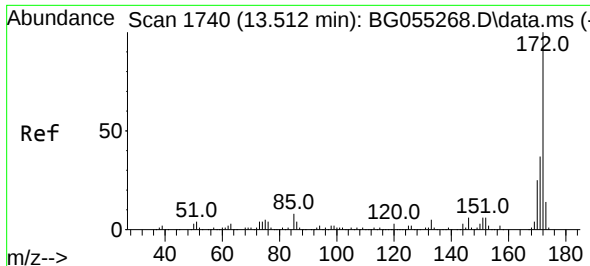
Tgt Ion:164 Resp: 96614
Ion Ratio Lower Upper
164 100
162 106.4 84.0 126.0
160 46.9 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 163.194 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Tgt Ion:330 Resp: 171399
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 30.6 29.8 44.8

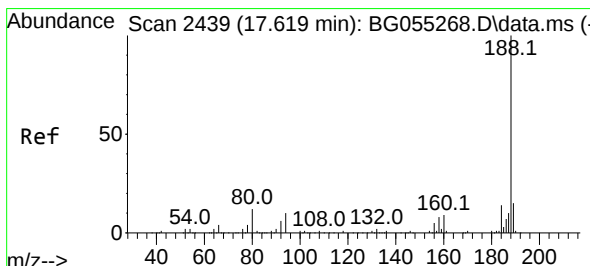
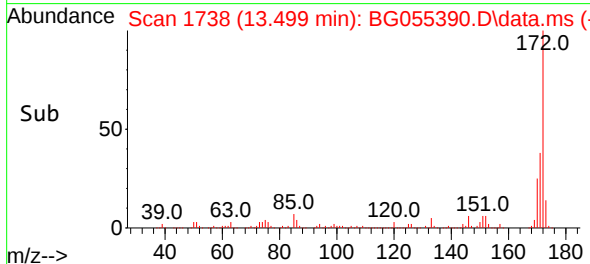
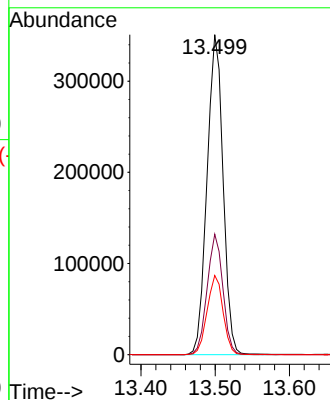
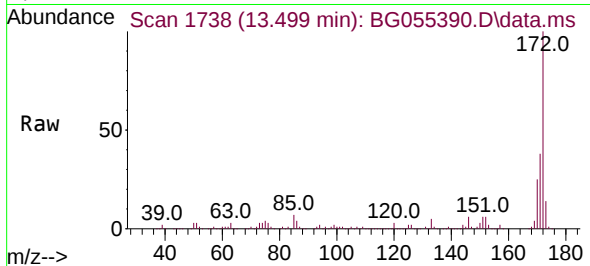




#45
2-Fluorobiphenyl
Concen: 89.290 ng
RT: 13.499 min Scan# 1738
Delta R.T. -0.012 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

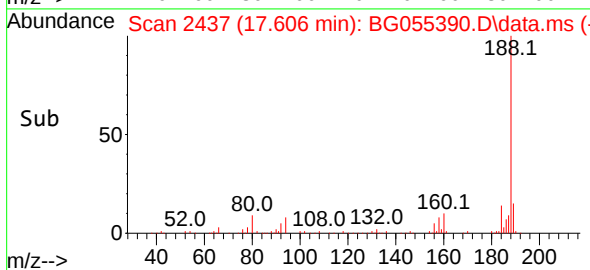
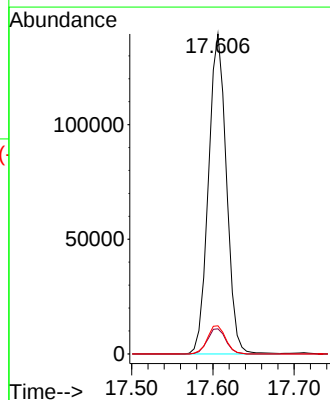
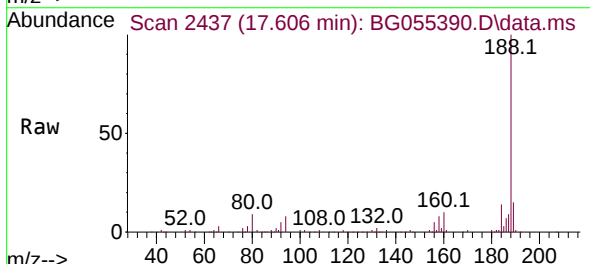
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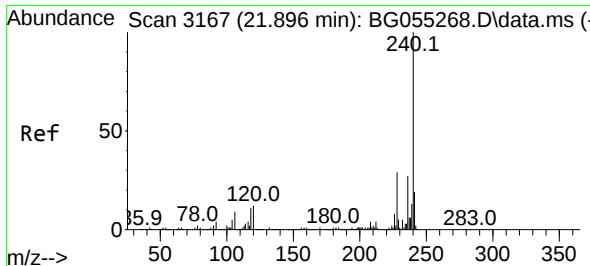
Tgt Ion:172 Resp: 527059
Ion Ratio Lower Upper
172 100
171 37.7 29.7 44.5
170 24.7 20.2 30.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Tgt Ion:188 Resp: 214636
Ion Ratio Lower Upper
188 100
94 7.8 8.2 12.4#
80 8.8 10.1 15.1#

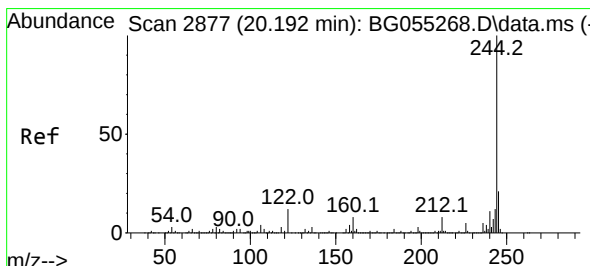
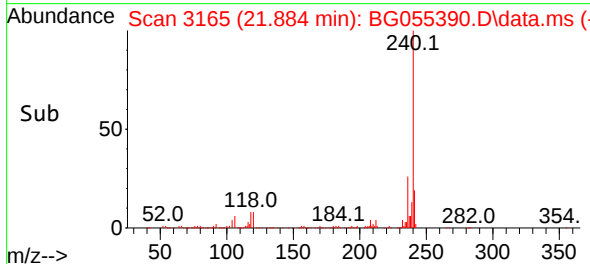
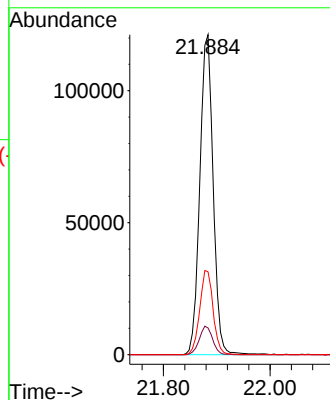
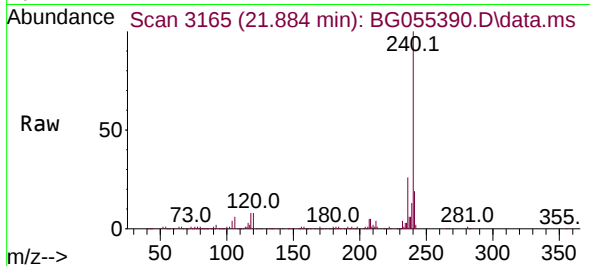




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

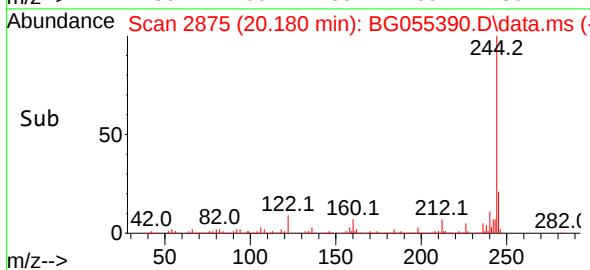
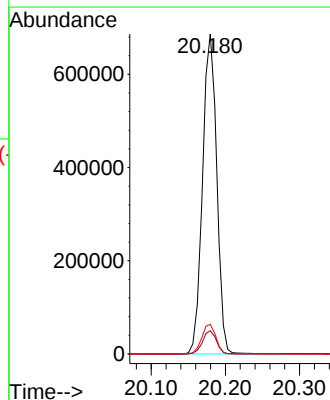
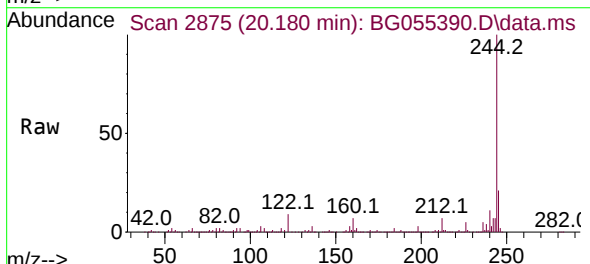
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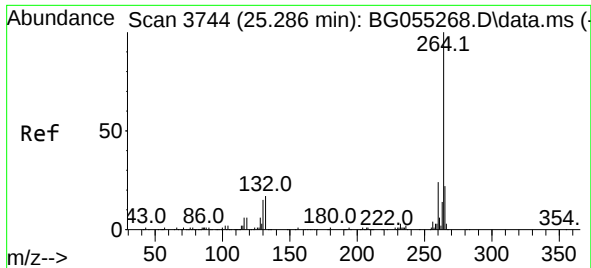
Tgt Ion:240 Resp: 209865
Ion Ratio Lower Upper
240 100
120 8.3 8.9 13.3#
236 25.9 21.0 31.4



#79
Terphenyl-d14
Concen: 90.257 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Tgt Ion:244 Resp: 911676
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.2 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.268 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BG055390.D
 Acq: 31 Oct 2022 22:42

Instrument :
 BNA_G
 ClientSampleId :
 MH-2-WC

Tgt Ion:264 Resp: 225189
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 22.2 17.4 26.2

