

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055324.D
 Acq On : 27 Oct 2022 15:11
 Operator : CG/JU
 Sample : N5222-04DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2DL

Quant Time: Oct 27 17:07:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

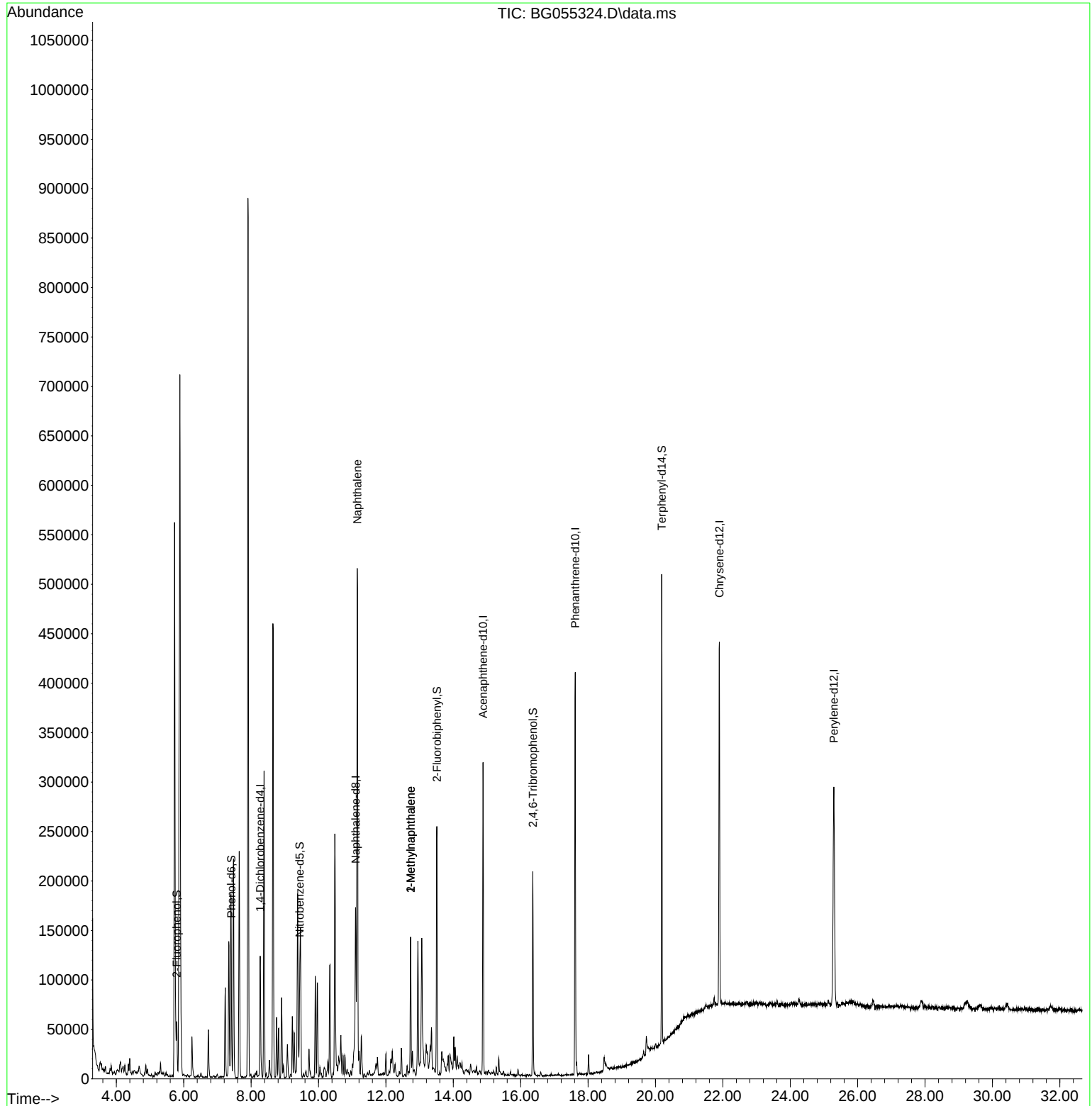
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	36014	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	148899	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	108461	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	252985	20.000	ng	0.00
76) Chrysene-d12	21.895	240	227372	20.000	ng	0.00
86) Perylene-d12	25.291	264	242127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	24487	11.905	ng	0.00
7) Phenol-d6	7.412	99	19197	6.442	ng	0.00
23) Nitrobenzene-d5	9.439	82	53170	18.234	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	40249	34.136	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	127518	19.243	ng	0.00
79) Terphenyl-d14	20.185	244	218913	20.004	ng	0.00
Target Compounds						
31) Naphthalene	11.149	128	426465	53.689	ng	Qvalue 99
37) 2-Methylnaphthalene	12.735	142	64347	11.236	ng	100
38) 1-Methylnaphthalene	12.735	142	64347	11.389	ng	96

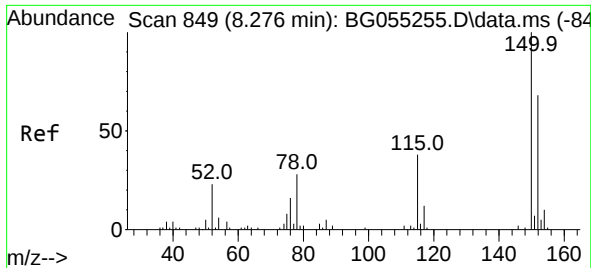
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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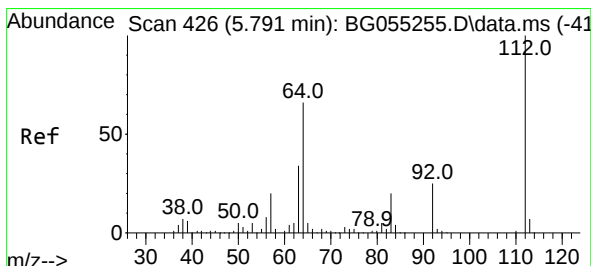
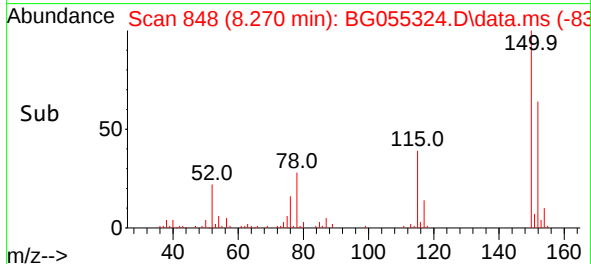
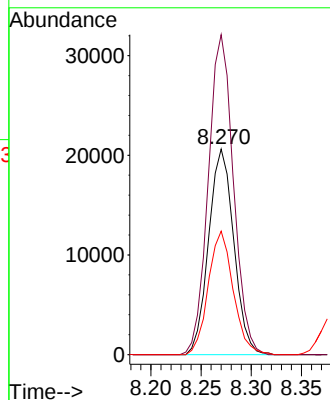
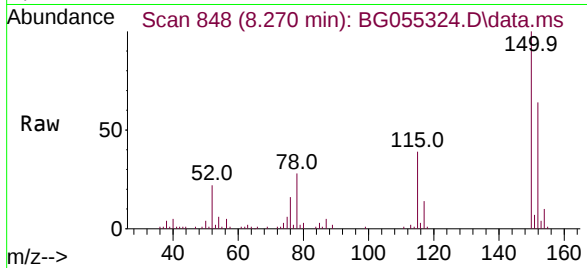




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 849
Delta R.T. -0.006 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

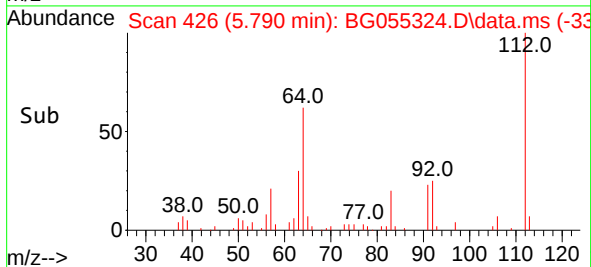
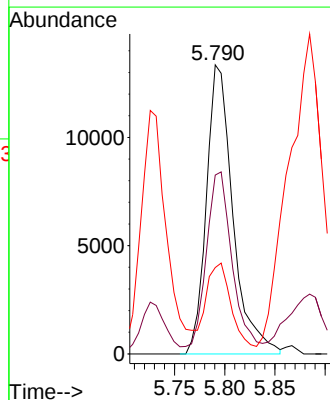
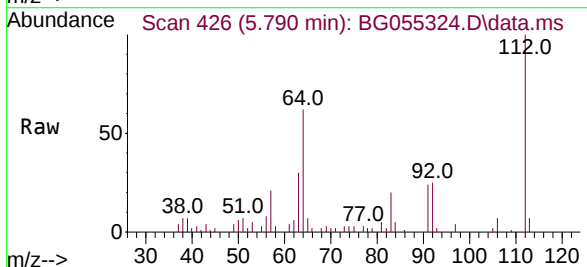
Instrument :
BNA_G
ClientSampleId :
MW-2DL

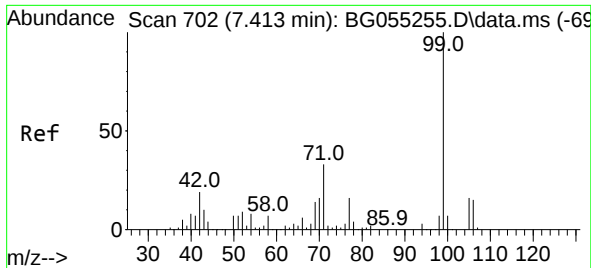
Tgt Ion:152 Resp: 36014
Ion Ratio Lower Upper
152 100
150 155.7 118.2 177.4
115 60.1 44.5 66.7



#5
2-Fluorophenol
Concen: 11.905 ng
RT: 5.790 min Scan# 426
Delta R.T. -0.000 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion:112 Resp: 24487
Ion Ratio Lower Upper
112 100
64 61.9 52.6 78.8
63 29.9 27.1 40.7

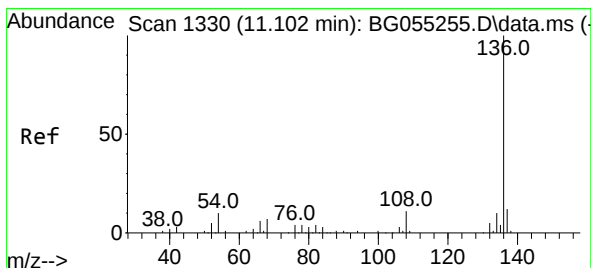
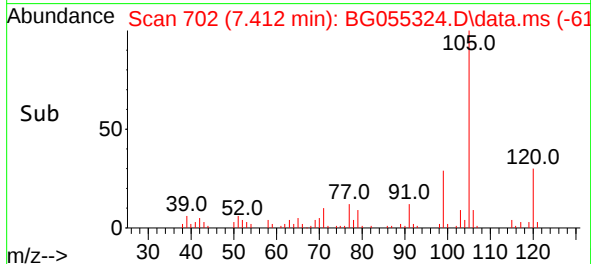
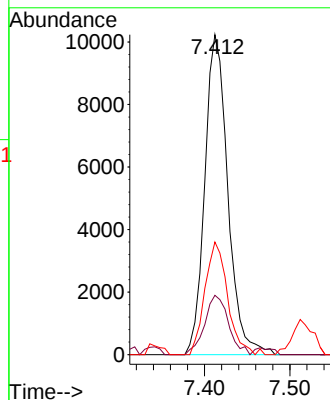
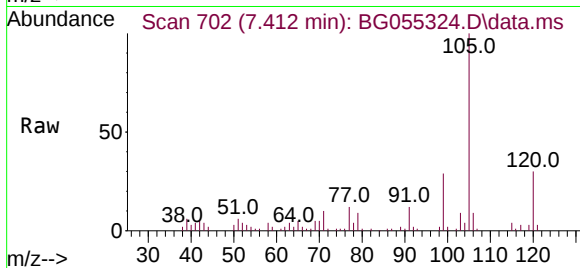




#7
Phenol-d6
Concen: 6.442 ng
RT: 7.412 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

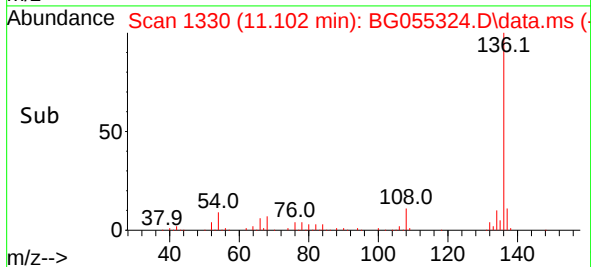
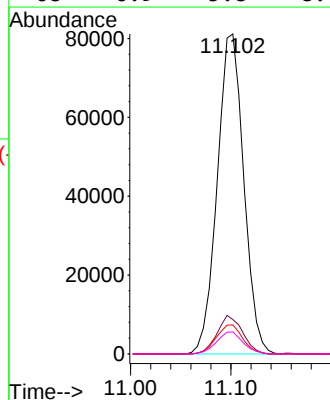
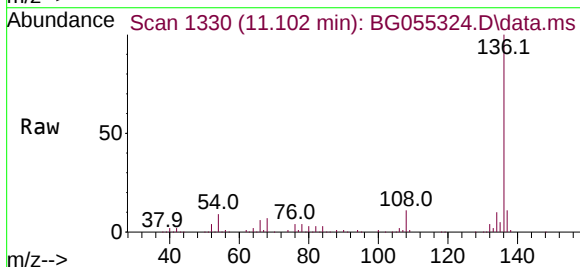
Instrument :
BNA_G
ClientSampleId :
MW-2DL

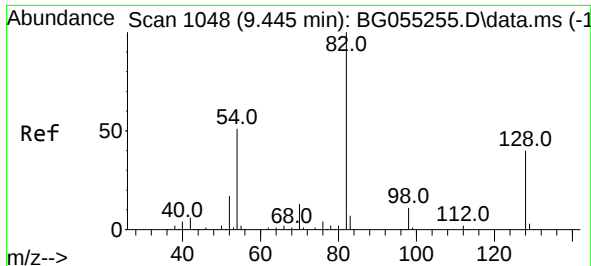
Tgt Ion: 99	Resp: 19197
Ion Ratio	Lower Upper
99 100	
42 18.5	15.2 22.8
71 35.2	26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion: 136	Resp: 148899
Ion Ratio	Lower Upper
136 100	
137 10.7	9.2 13.8
54 9.1	7.8 11.8
68 6.9	5.8 8.6

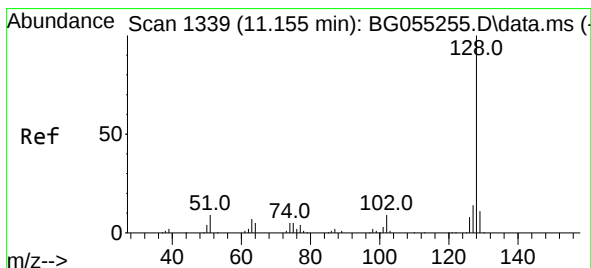
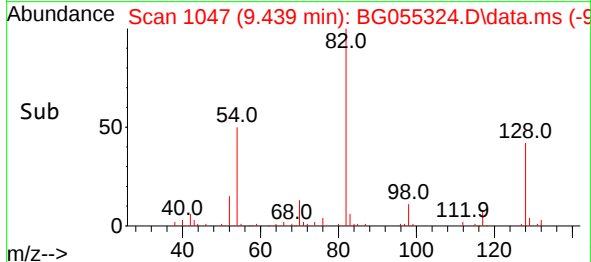
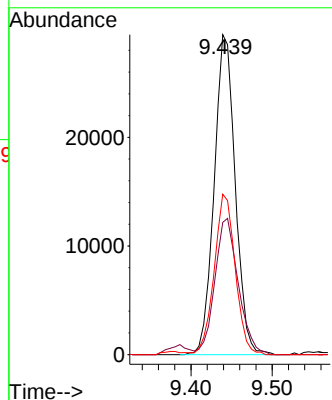
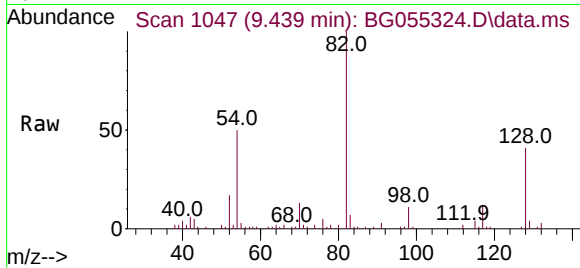




#23
Nitrobenzene-d5
Concen: 18.234 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

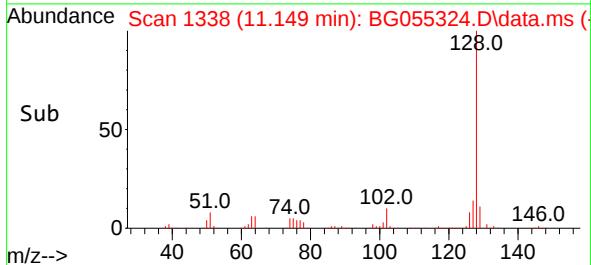
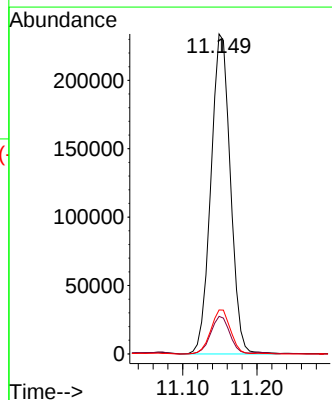
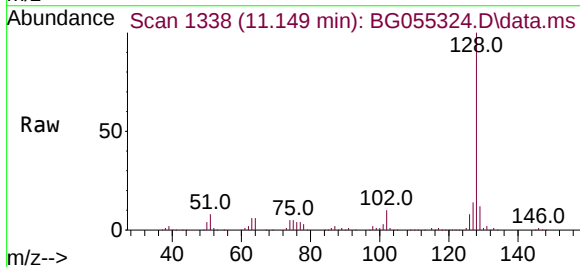
Instrument :
BNA_G
ClientSampleId :
MW-2DL

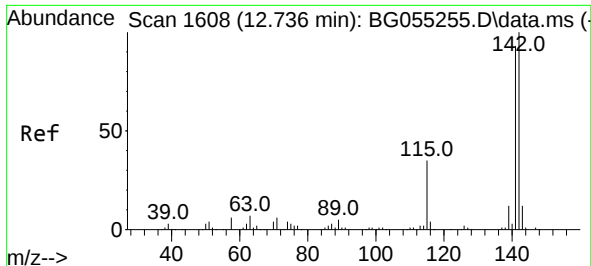
Tgt Ion: 82 Resp: 53170
Ion Ratio Lower Upper
82 100
128 41.3 32.0 48.0
54 50.1 40.9 61.3



#31
Naphthalene
Concen: 53.689 ng
RT: 11.149 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion:128 Resp: 426465
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.7 11.1 16.7





#37

2-Methylnaphthalene

Concen: 11.236 ng

RT: 12.735 min Scan# 1608

Delta R.T. -0.000 min

Lab File: BG055324.D

Acq: 27 Oct 2022 15:11

Instrument :

BNA_G

ClientSampleId :

MW-2DL

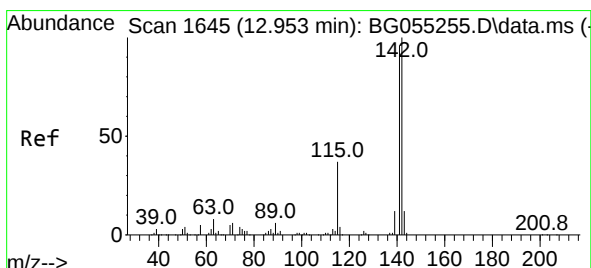
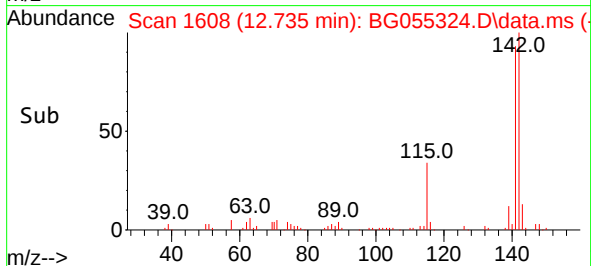
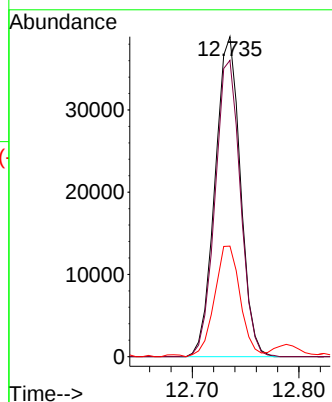
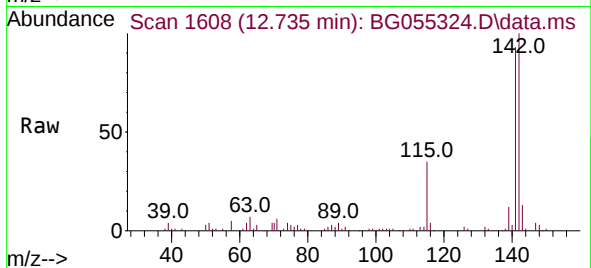
Tgt Ion:142 Resp: 64347

Ion Ratio Lower Upper

142 100

141 92.6 74.0 111.0

115 34.5 28.3 42.5



#38

1-Methylnaphthalene

Concen: 11.389 ng

RT: 12.735 min Scan# 1608

Delta R.T. -0.218 min

Lab File: BG055324.D

Acq: 27 Oct 2022 15:11

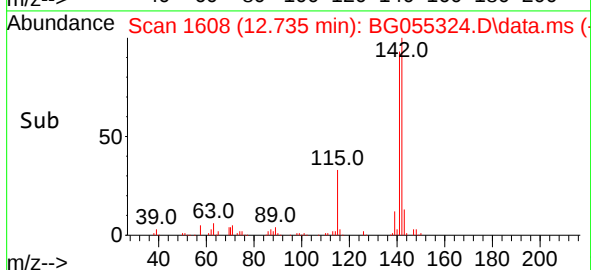
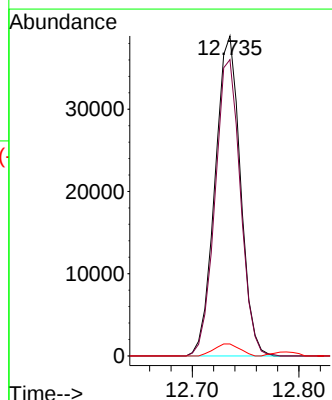
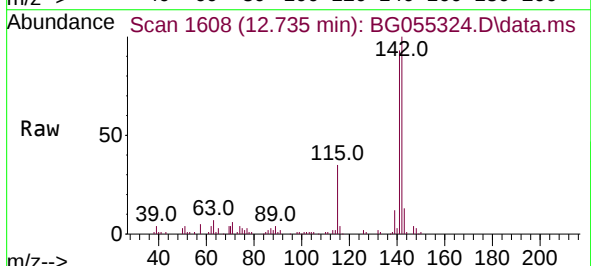
Tgt Ion:142 Resp: 64347

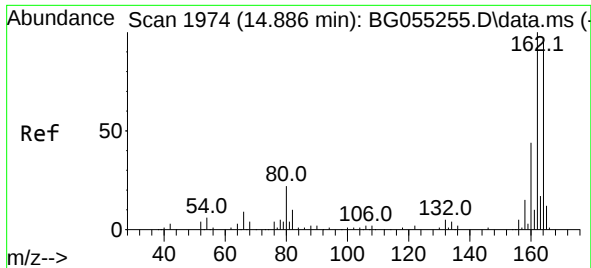
Ion Ratio Lower Upper

142 100

141 92.6 77.1 115.7

116 3.7 3.0 4.6

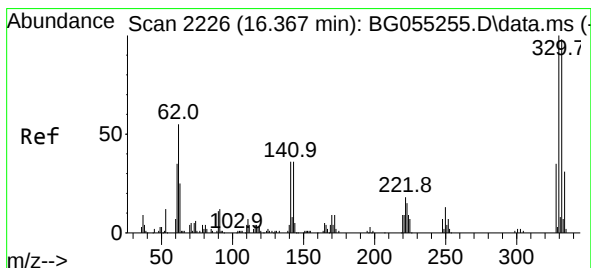
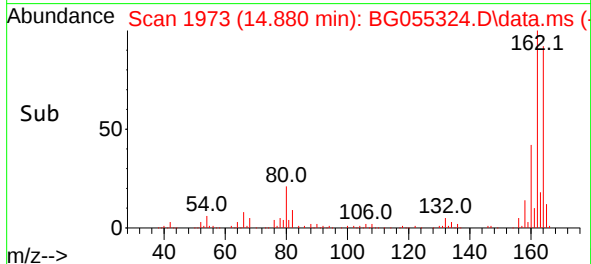
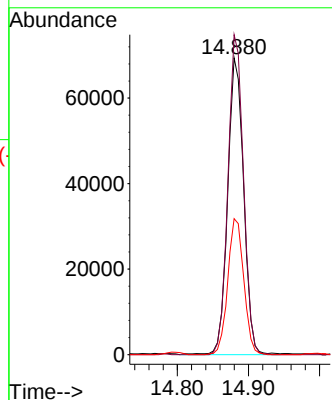
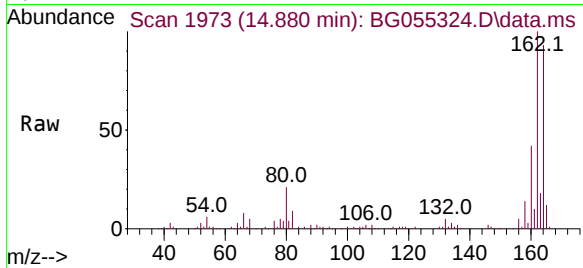




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

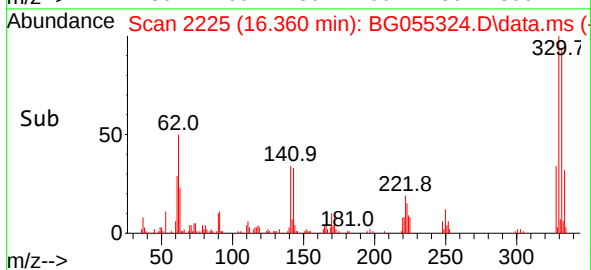
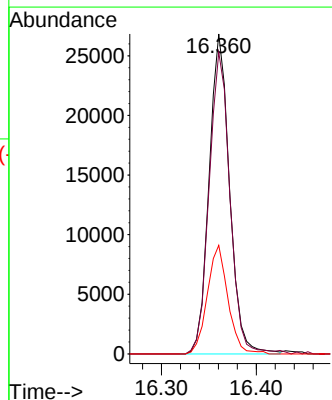
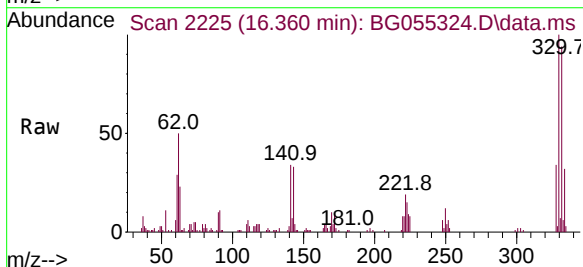
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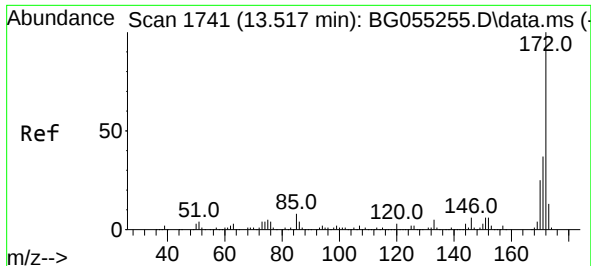
Tgt Ion:164 Resp: 108461
Ion Ratio Lower Upper
164 100
162 107.8 84.0 126.0
160 45.8 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 34.136 ng
RT: 16.360 min Scan# 2225
Delta R.T. -0.006 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion:330 Resp: 40249
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 34.2 29.8 44.8

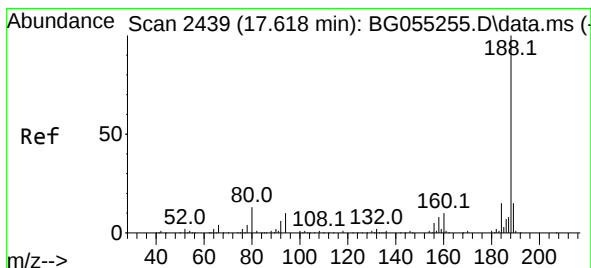
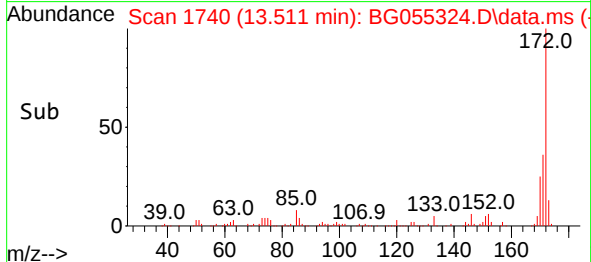
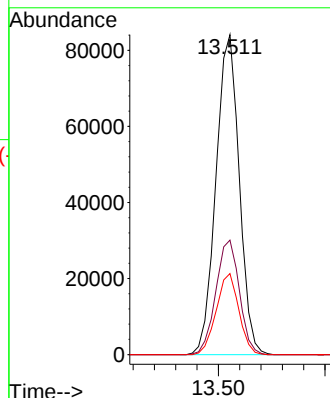
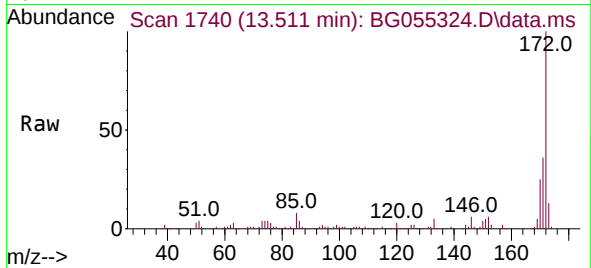




#45
2-Fluorobiphenyl
Concen: 19.243 ng
RT: 13.511 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

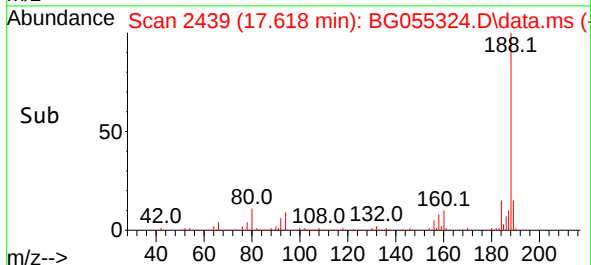
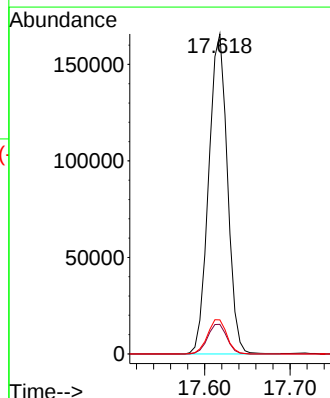
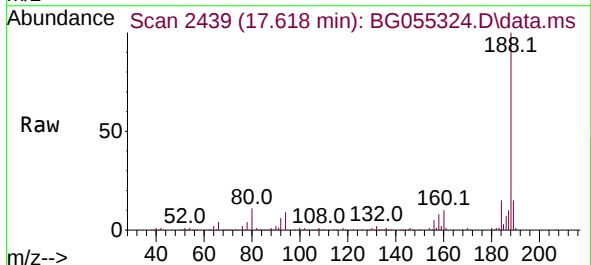
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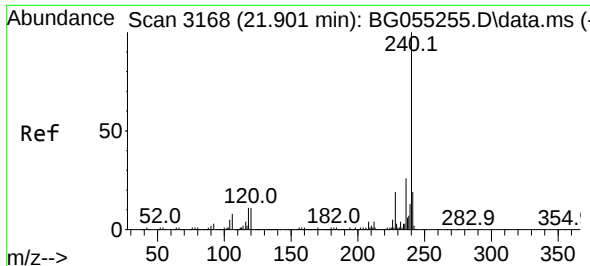
Tgt Ion:172 Resp: 127518
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 25.3 20.2 30.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion:188 Resp: 252985
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.4
80 10.6 10.1 15.1

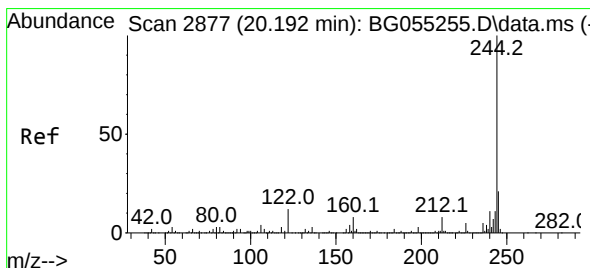
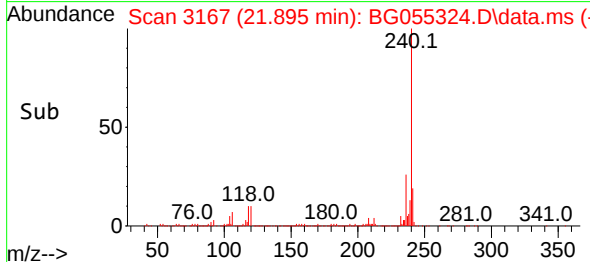
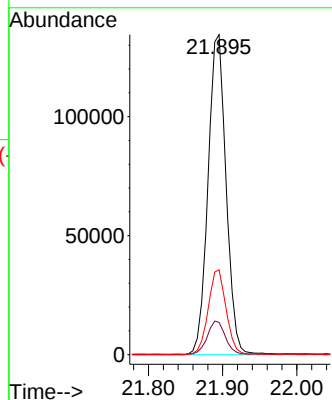
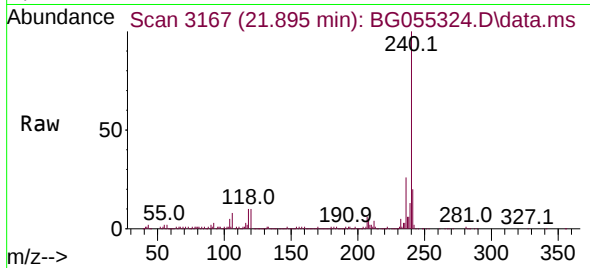




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3168
Delta R.T. -0.006 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

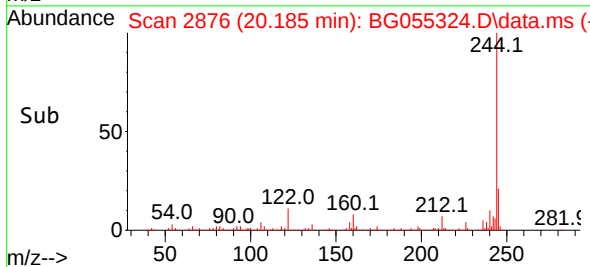
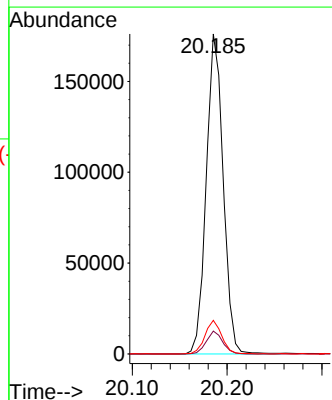
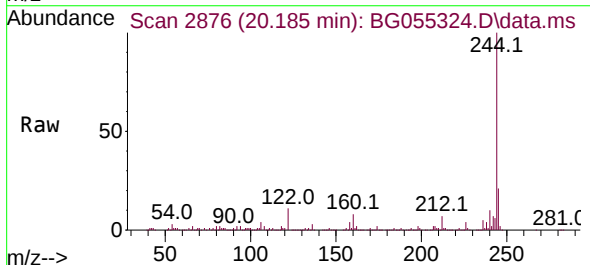
Instrument :
BNA_G
ClientSampleId :
MW-2DL

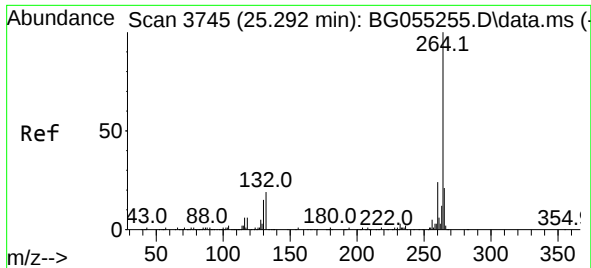
Tgt Ion:240 Resp: 227372
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 26.5 21.0 31.4



#79
Terphenyl-d14
Concen: 20.004 ng
RT: 20.185 min Scan# 2876
Delta R.T. -0.006 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion:244 Resp: 218913
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.5 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.291 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Instrument :
BNA_G
ClientSampleId :
MW-2DL

Tgt Ion:264 Resp: 242127
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 22.3 17.4 26.2

