

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055108.D
 Acq On : 7 Oct 2022 21:11
 Operator : CG/JU
 Sample : N5046-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-13

Quant Time: Oct 08 03:11:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

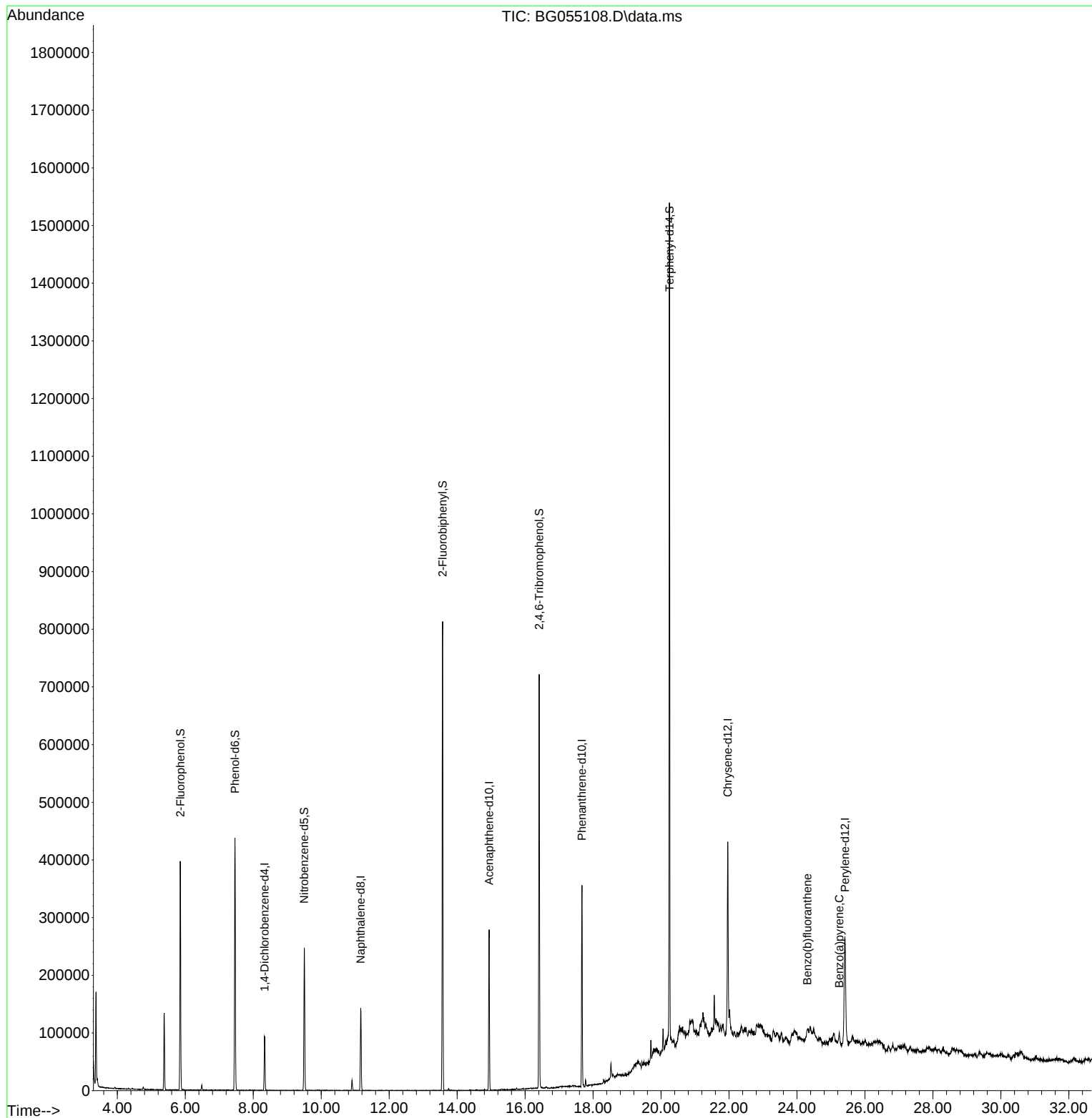
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.331	152	27739	20.000	ng	0.00
21) Naphthalene-d8	11.163	136	123951	20.000	ng	0.00
39) Acenaphthene-d10	14.941	164	99704	20.000	ng	0.00
64) Phenanthrene-d10	17.673	188	226013	20.000	ng	0.00
76) Chrysene-d12	21.962	240	205581	20.000	ng	0.00
86) Perylene-d12	25.411	264	226534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.852	112	162717	130.292	ng	0.00
7) Phenol-d6	7.462	99	235206	125.698	ng	0.00
23) Nitrobenzene-d5	9.500	82	145901	70.336	ng	0.00
42) 2,4,6-Tribromophenol	16.416	330	151435	145.377	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	421618	66.015	ng	0.00
79) Terphenyl-d14	20.247	244	708017	69.609	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	24.307	252	30841	2.311	ng	# 93
90) Benzo(a)pyrene	25.247	252	23821	2.082	ng	# 88

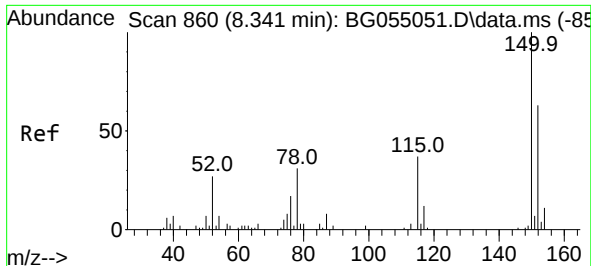
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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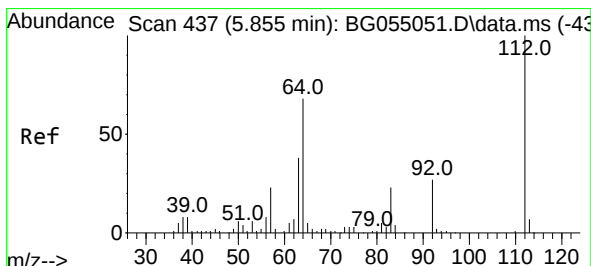
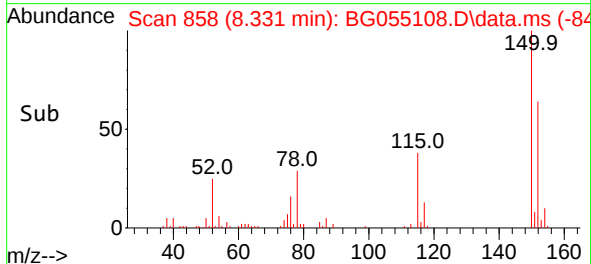
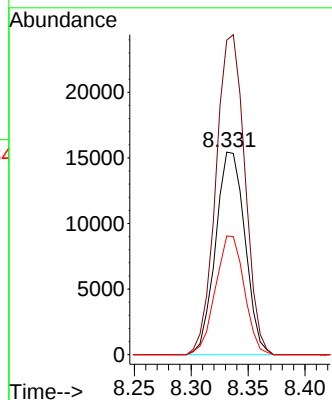
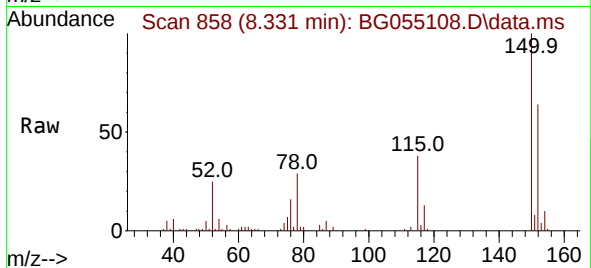




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.331 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG055108.D
Acq: 7 Oct 2022 21:11

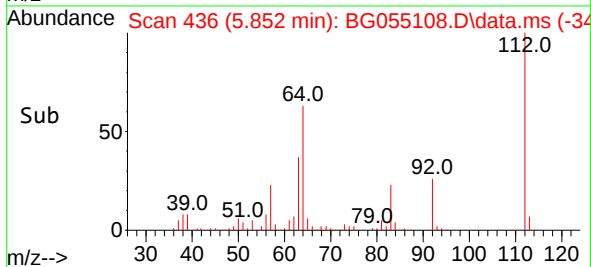
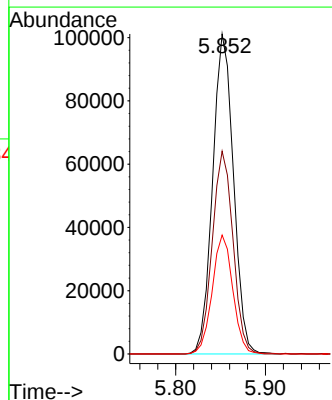
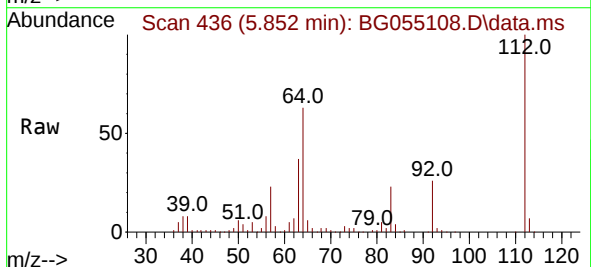
Instrument :
BNA_G
ClientSampleId :
R-13

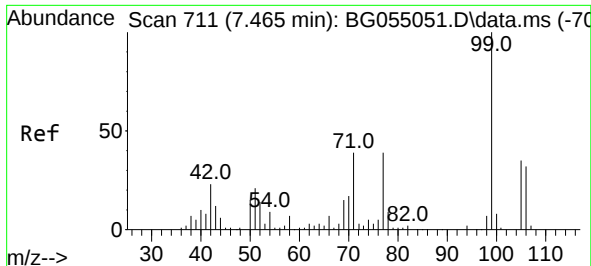
Tgt Ion:152 Resp: 27739
Ion Ratio Lower Upper
152 100
150 155.3 128.0 192.0
115 58.6 47.7 71.5



#5
2-Fluorophenol
Concen: 130.292 ng
RT: 5.852 min Scan# 436
Delta R.T. -0.001 min
Lab File: BG055108.D
Acq: 7 Oct 2022 21:11

Tgt Ion:112 Resp: 162717
Ion Ratio Lower Upper
112 100
64 63.3 54.5 81.7
63 37.1 30.5 45.7

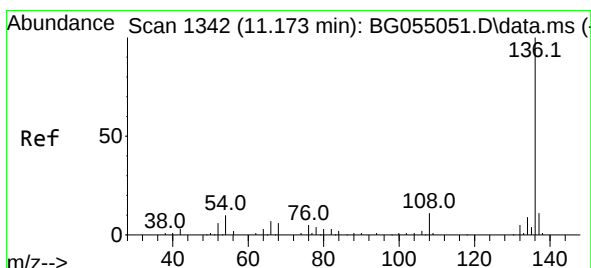
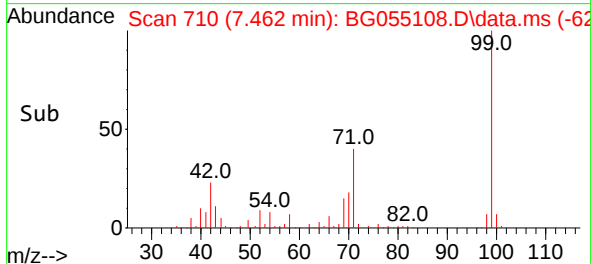
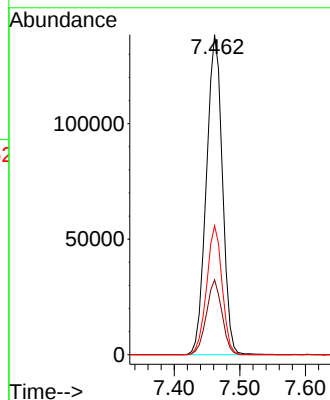
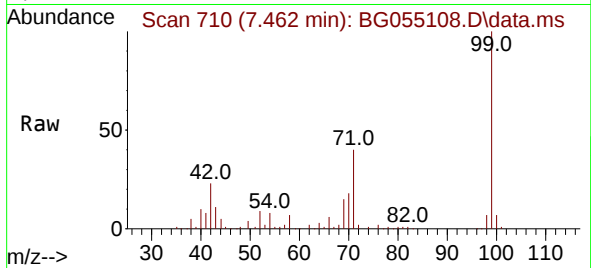




#7
Phenol-d6
Concen: 125.698 ng
RT: 7.462 min Scan# 711
Delta R.T. -0.001 min
Lab File: BG055108.D
Acq: 7 Oct 2022 21:11

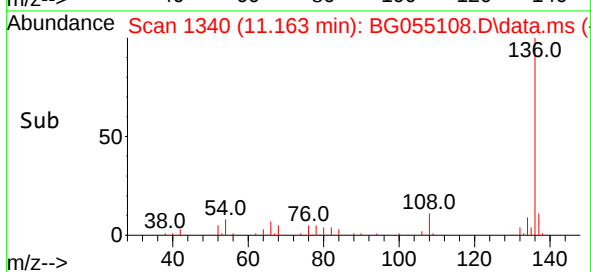
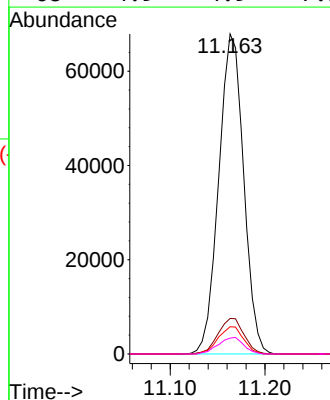
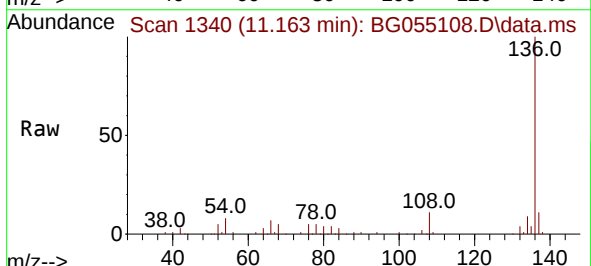
Instrument :
BNA_G
ClientSampleId :
R-13

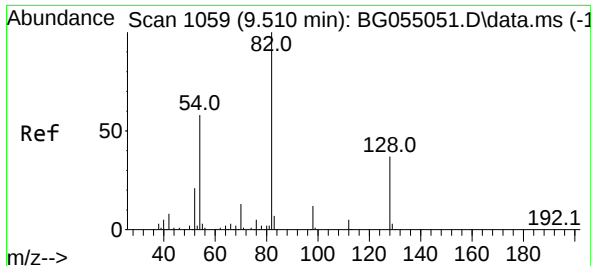
Tgt Ion: 99 Resp: 235206
Ion Ratio Lower Upper
99 100
42 23.4 18.6 28.0
71 40.3 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.163 min Scan# 1340
Delta R.T. -0.007 min
Lab File: BG055108.D
Acq: 7 Oct 2022 21:11

Tgt Ion: 136 Resp: 123951
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.5 8.2 12.4
68 4.9 4.9 7.3

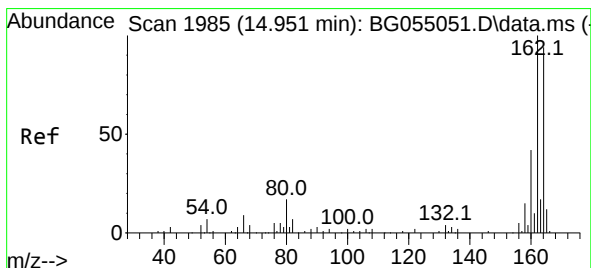
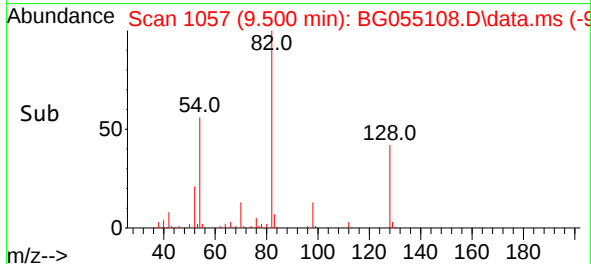
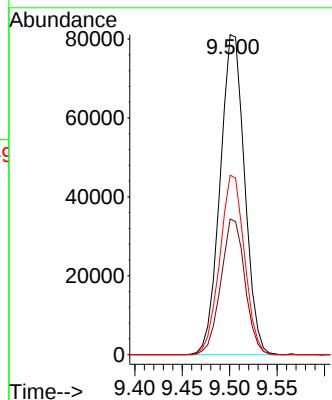
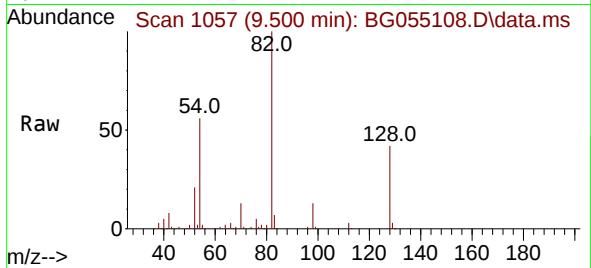




#23
Nitrobenzene-d5
Concen: 70.336 ng
RT: 9.500 min Scan# 1057
Delta R.T. -0.007 min
Lab File: BG055108.D
Acq: 7 Oct 2022 21:11

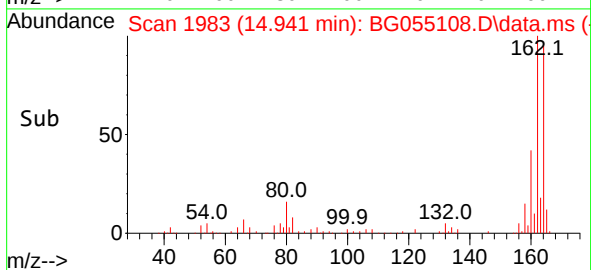
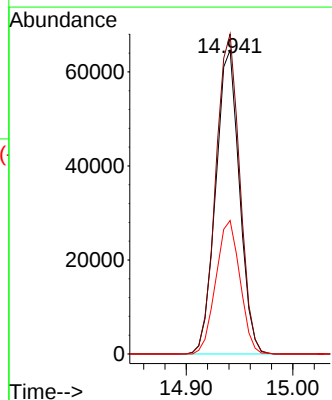
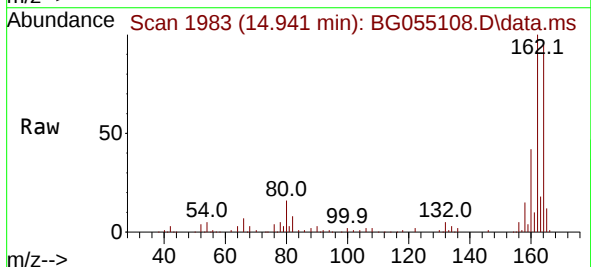
Instrument :
BNA_G
ClientSampleId :
R-13

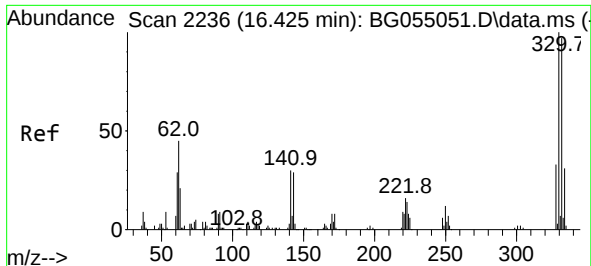
Tgt Ion: 82 Resp: 145901
Ion Ratio Lower Upper
82 100
128 42.4 29.5 44.3
54 56.1 46.7 70.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.941 min Scan# 1983
Delta R.T. -0.001 min
Lab File: BG055108.D
Acq: 7 Oct 2022 21:11

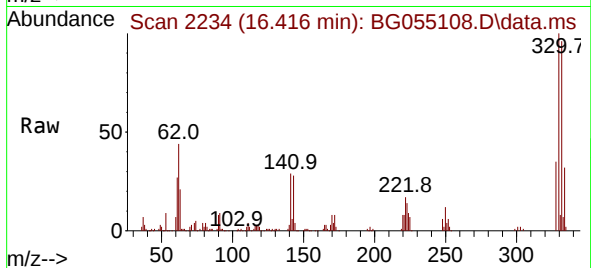
Tgt Ion: 164 Resp: 99704
Ion Ratio Lower Upper
164 100
162 105.3 85.5 128.3
160 43.9 35.5 53.3



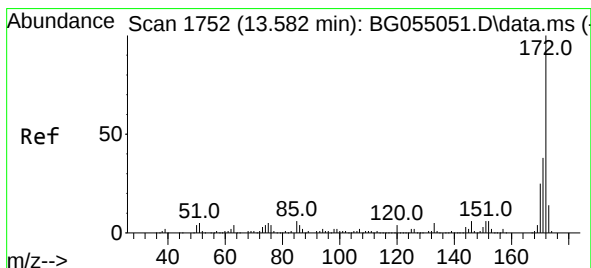
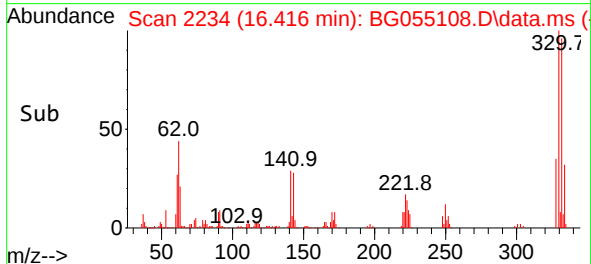
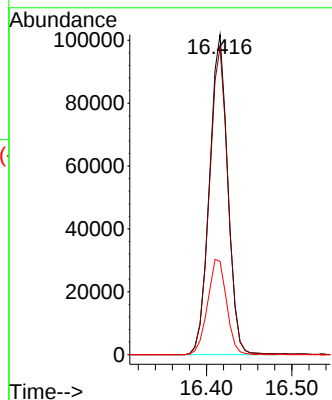


#42
 2,4,6-Tribromophenol
 Concen: 145.377 ng
 RT: 16.416 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055108.D
 Acq: 7 Oct 2022 21:11

Instrument :
 BNA_G
 ClientSampleId :
 R-13

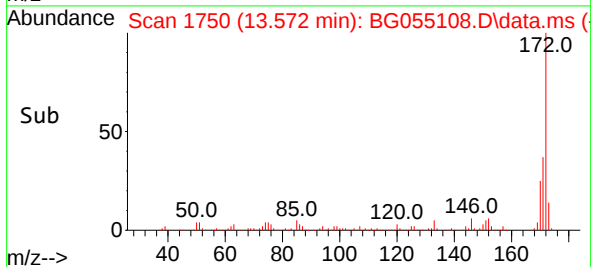
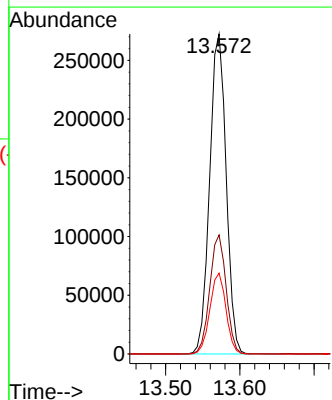
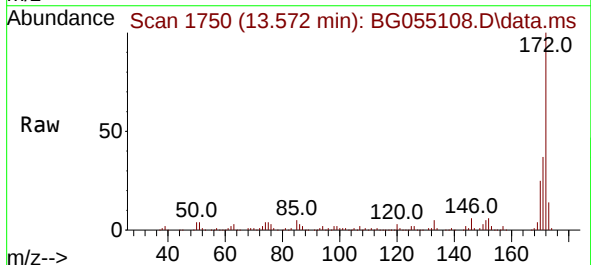


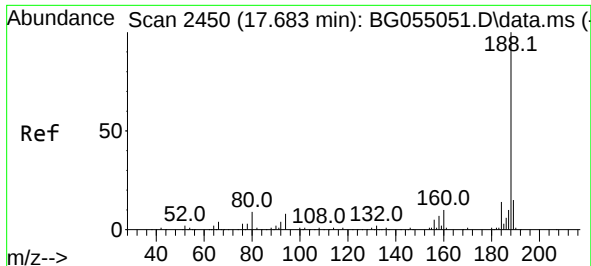
Tgt Ion:330 Resp: 151435
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.0
 141 30.9 25.0 37.4



#45
 2-Fluorobiphenyl
 Concen: 66.015 ng
 RT: 13.572 min Scan# 1750
 Delta R.T. -0.001 min
 Lab File: BG055108.D
 Acq: 7 Oct 2022 21:11

Tgt Ion:172 Resp: 421618
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.1 45.1
 170 25.2 20.0 30.0

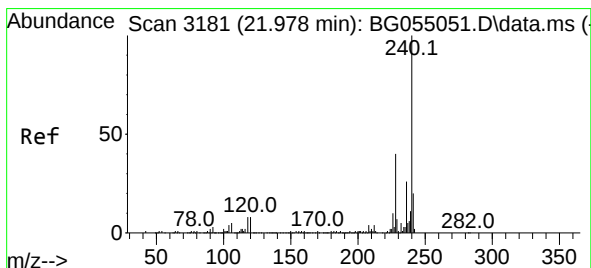
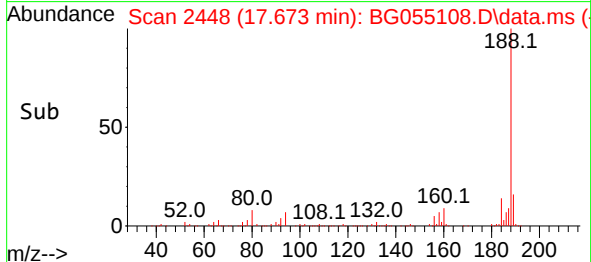
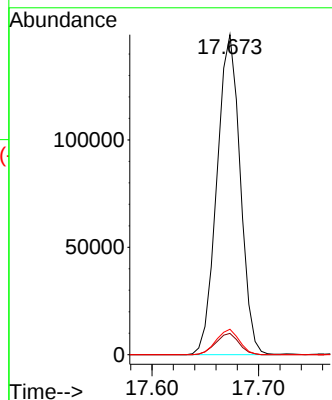
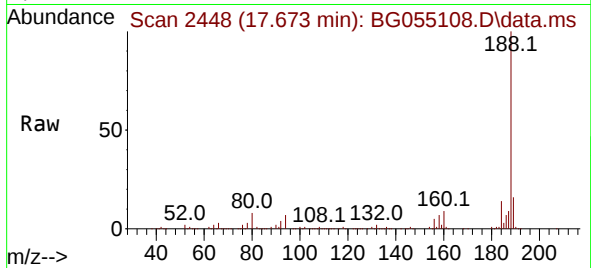




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.673 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG055108.D
Acq: 7 Oct 2022 21:11

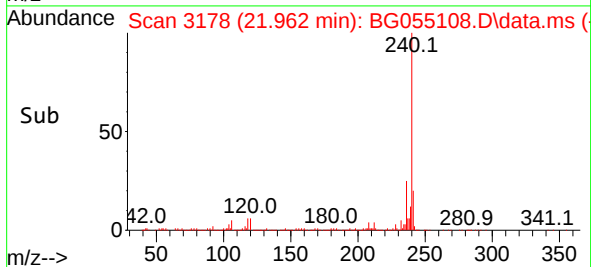
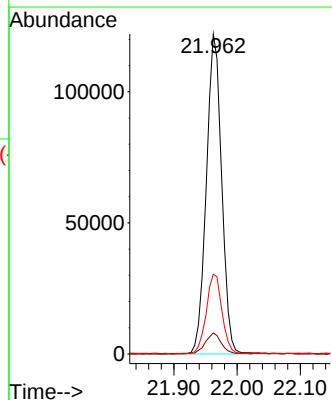
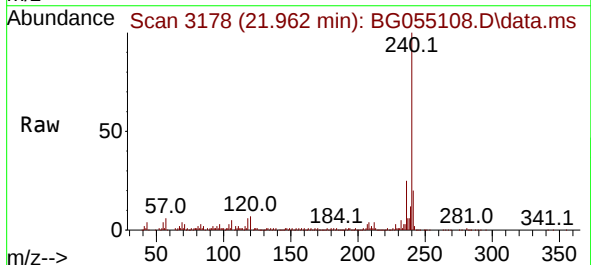
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ClientSampleId :
R-13

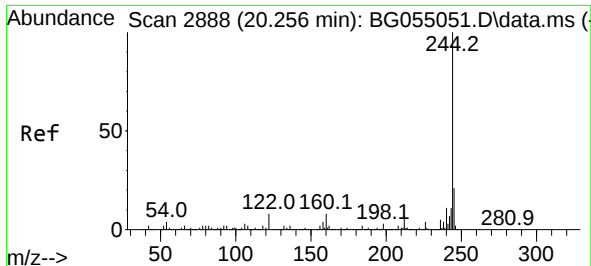
Tgt Ion:188 Resp: 226013
Ion Ratio Lower Upper
188 100
94 6.6 6.2 9.2
80 7.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.962 min Scan# 3178
Delta R.T. -0.007 min
Lab File: BG055108.D
Acq: 7 Oct 2022 21:11

Tgt Ion:240 Resp: 205581
Ion Ratio Lower Upper
240 100
120 6.5 6.2 9.4
236 25.0 20.6 30.8

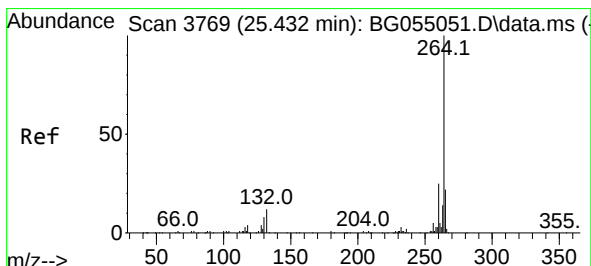
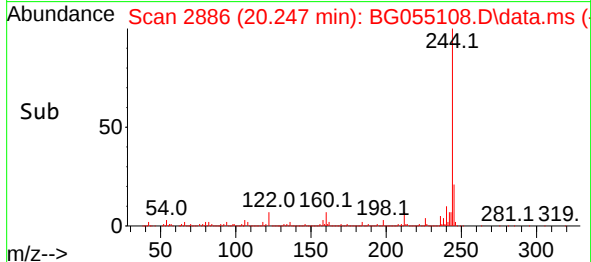
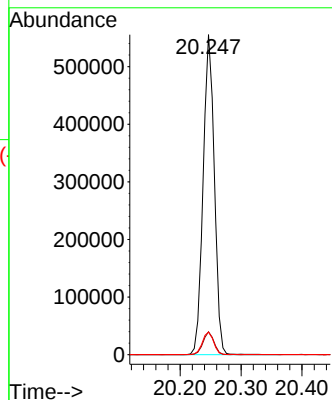
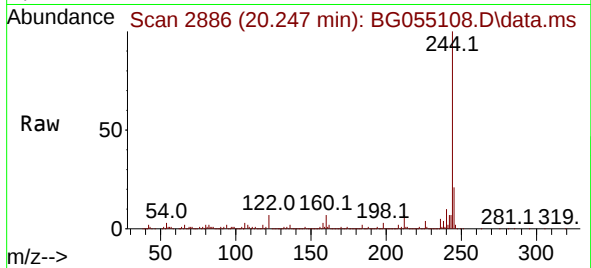




#79
 Terphenyl-d14
 Concen: 69.609 ng
 RT: 20.247 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG055108.D
 Acq: 7 Oct 2022 21:11

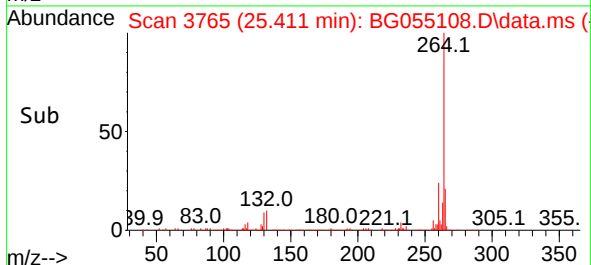
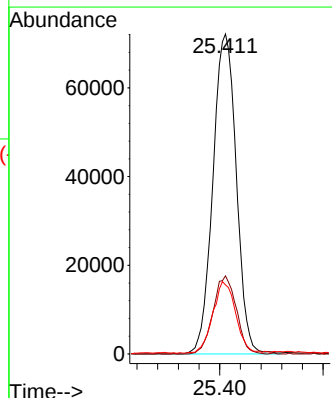
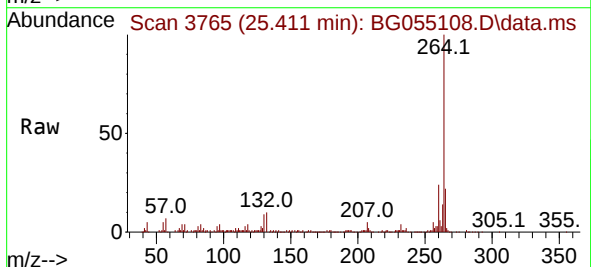
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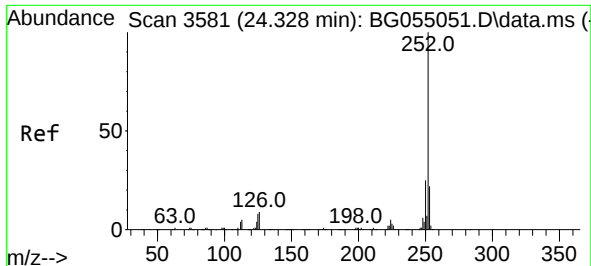
Tgt Ion:244 Resp: 708017
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 7.1 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.411 min Scan# 3765
 Delta R.T. -0.007 min
 Lab File: BG055108.D
 Acq: 7 Oct 2022 21:11

Tgt Ion:264 Resp: 226534
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.7 29.5
 265 21.6 17.8 26.6

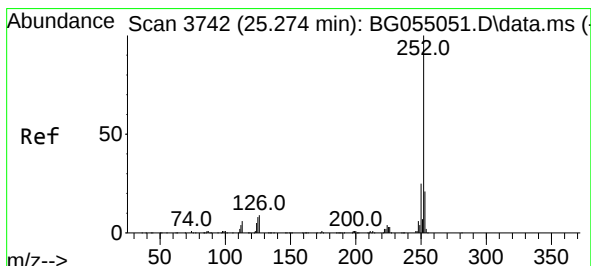
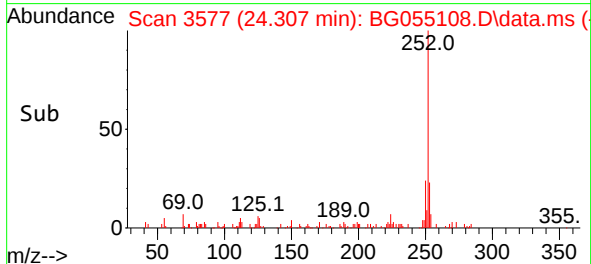
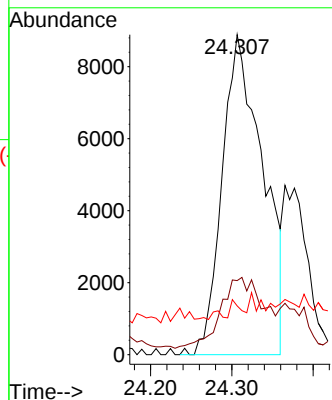
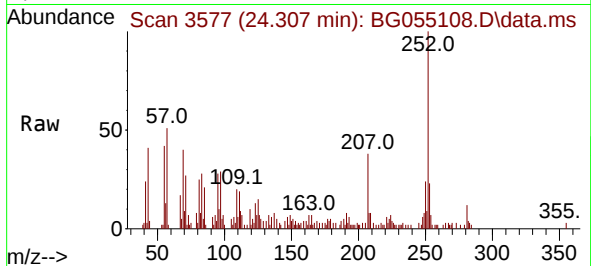




#88
Benzo(b)fluoranthene
Concen: 2.311 ng
RT: 24.307 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG055108.D
Acq: 7 Oct 2022 21:11

Instrument :
BNA_G
ClientSampleId :
R-13

Tgt Ion:252 Resp: 30841
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 15.2 6.1 9.1#



#90
Benzo(a)pyrene
Concen: 2.082 ng
RT: 25.247 min Scan# 3737
Delta R.T. -0.007 min
Lab File: BG055108.D
Acq: 7 Oct 2022 21:11

Tgt Ion:252 Resp: 23821
Ion Ratio Lower Upper
252 100
253 23.6 16.9 25.3
125 18.3 6.6 9.8#

