

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055271.D
 Acq On : 25 Oct 2022 11:12
 Operator : CG/JU
 Sample : N5253-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124055

Quant Time: Oct 25 12:41:10 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	8.272	152	38932	20.000	ng	0.00
21) Naphthalene-d8	11.104	136	156531	20.000	ng	0.00
39) Acenaphthene-d10	14.882	164	99683	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	220333	20.000	ng	0.00
76) Chrysene-d12	21.891	240	237420	20.000	ng	0.00
86) Perylene-d12	25.288	264	251394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	154443	69.461	ng	0.00
7) Phenol-d6	7.408	99	268906	83.478	ng	0.00
23) Nitrobenzene-d5	9.441	82	172344	56.222	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	67375	62.175	ng	0.00
45) 2-Fluorobiphenyl	13.513	172	189059	31.043	ng	0.00
79) Terphenyl-d14	20.188	244	276720	24.216	ng	0.00

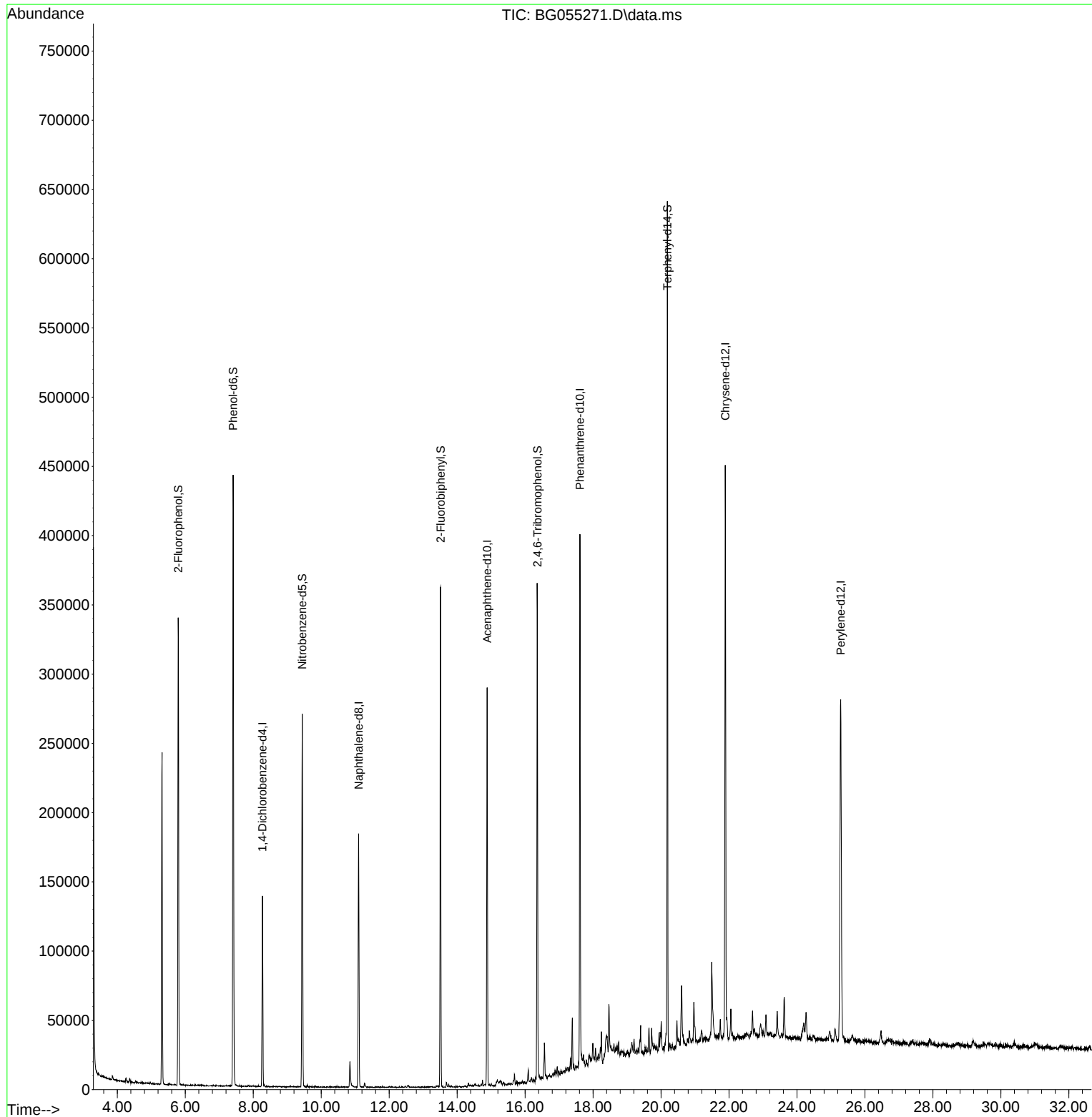
Target Compounds	Qvalue

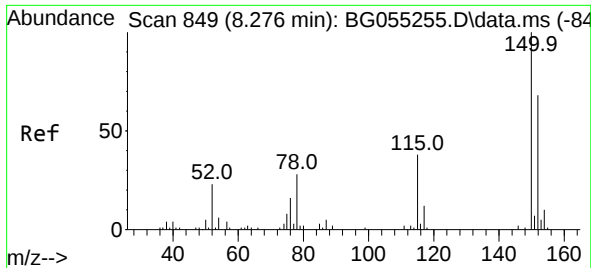
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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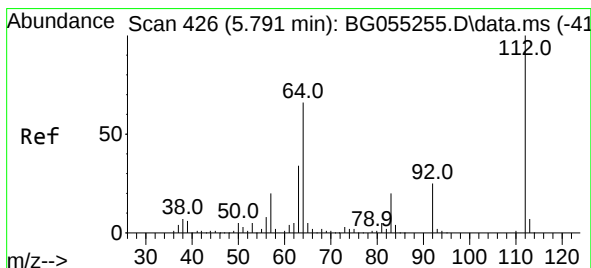
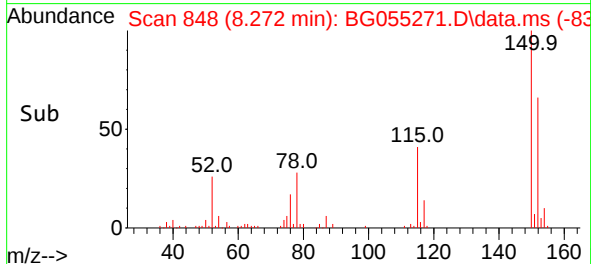
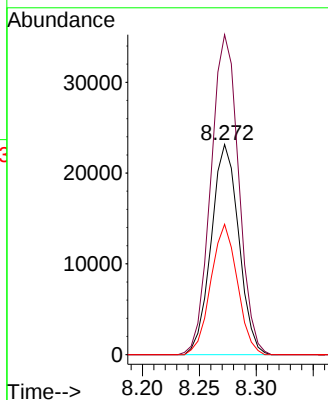
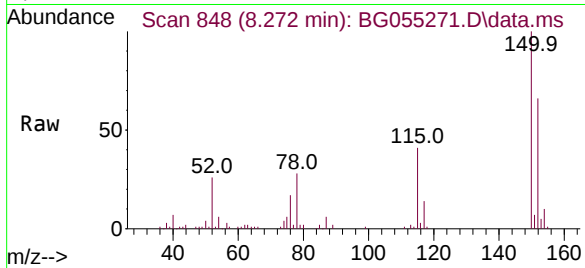




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.272 min Scan# 849
Delta R.T. -0.004 min
Lab File: BG055271.D
Acq: 25 Oct 2022 11:12

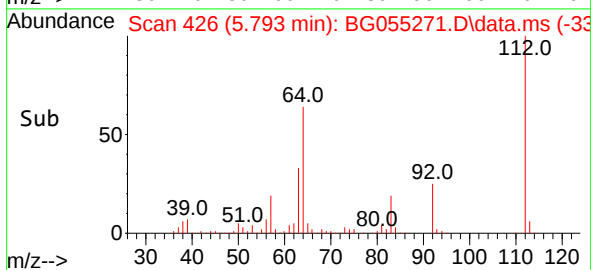
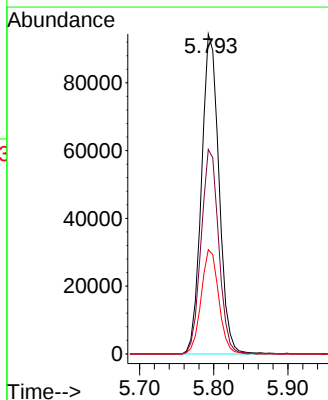
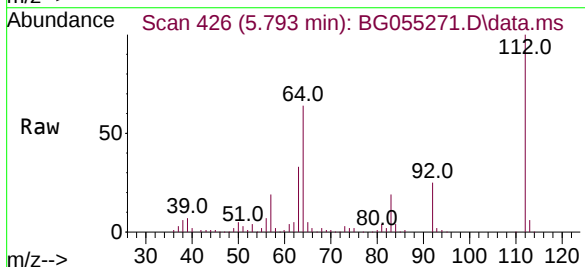
Instrument :
BNA_G
ClientSampleId :
124055

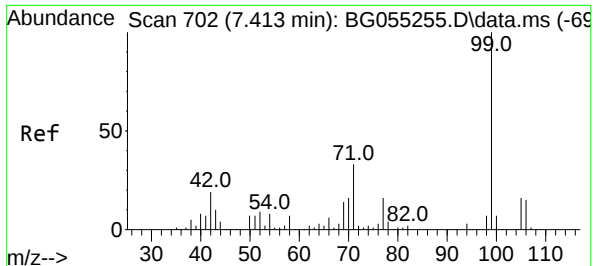
Tgt Ion:152 Resp: 38932
Ion Ratio Lower Upper
152 100
150 152.2 118.2 177.4
115 62.0 44.5 66.7



#5
2-Fluorophenol
Concen: 69.461 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.002 min
Lab File: BG055271.D
Acq: 25 Oct 2022 11:12

Tgt Ion:112 Resp: 154443
Ion Ratio Lower Upper
112 100
64 63.9 52.6 78.8
63 32.6 27.1 40.7

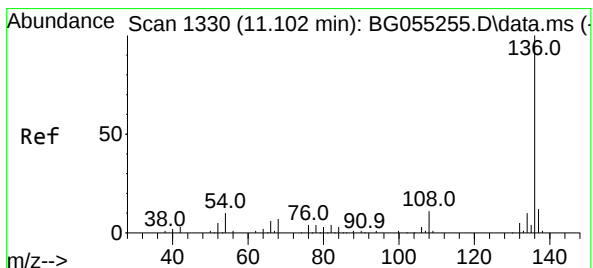
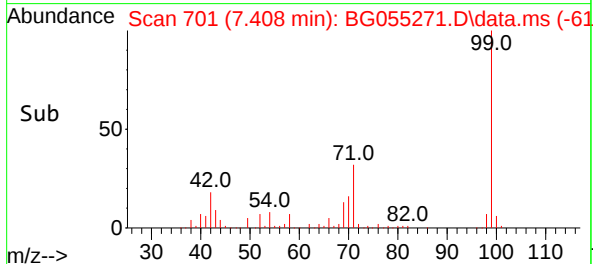
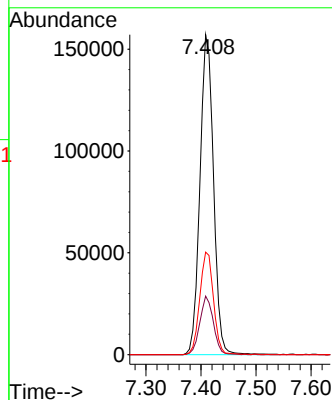
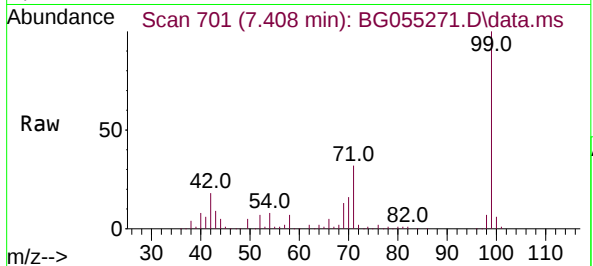




#7
Phenol-d6
Concen: 83.478 ng
RT: 7.408 min Scan# 702
Delta R.T. -0.004 min
Lab File: BG055271.D
Acq: 25 Oct 2022 11:12

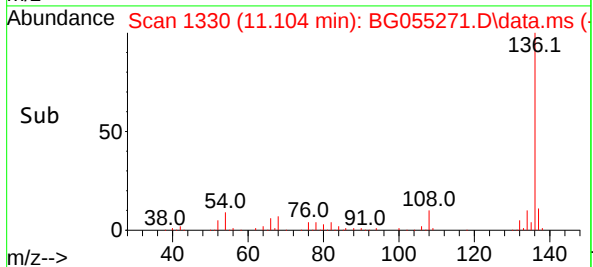
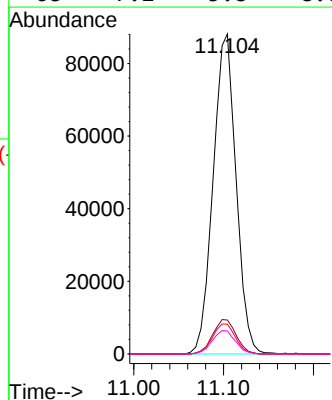
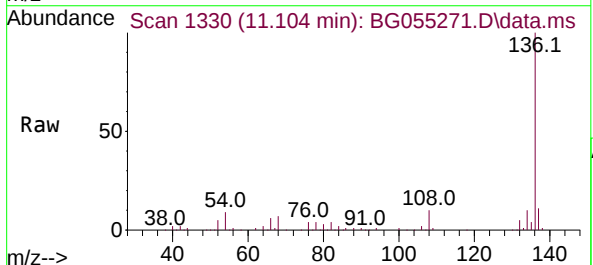
Instrument :
BNA_G
ClientSampleId :
124055

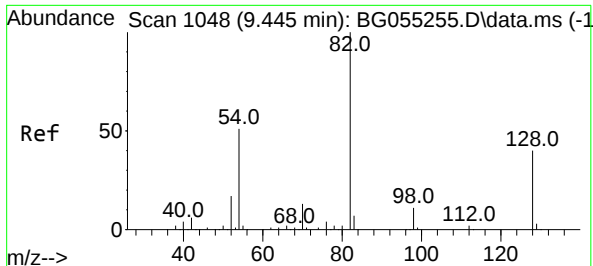
Tgt Ion: 99 Resp: 268906
Ion Ratio Lower Upper
99 100
42 18.3 15.2 22.8
71 32.0 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.104 min Scan# 1330
Delta R.T. 0.002 min
Lab File: BG055271.D
Acq: 25 Oct 2022 11:12

Tgt Ion: 136 Resp: 156531
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 9.3 7.8 11.8
68 7.2 5.8 8.6





#23

Nitrobenzene-d5

Concen: 56.222 ng

RT: 9.441 min Scan# 1048

Delta R.T. -0.004 min

Lab File: BG055271.D

Acq: 25 Oct 2022 11:12

Instrument :

BNA_G

ClientSampleId :

124055

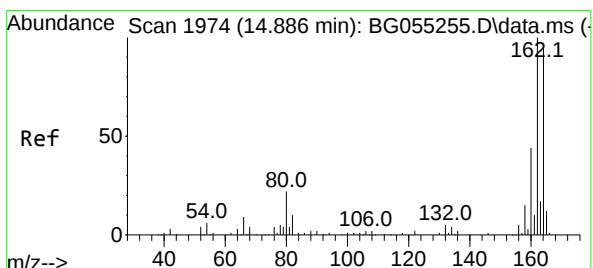
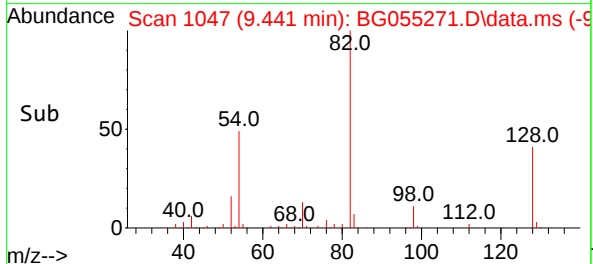
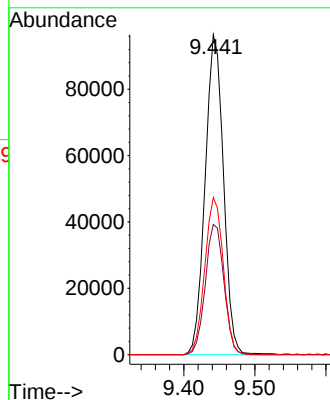
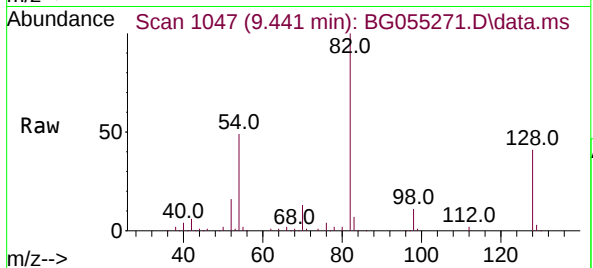
Tgt Ion: 82 Resp: 172344

Ion Ratio Lower Upper

82 100

128 40.7 32.0 48.0

54 49.1 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.882 min Scan# 1973

Delta R.T. -0.004 min

Lab File: BG055271.D

Acq: 25 Oct 2022 11:12

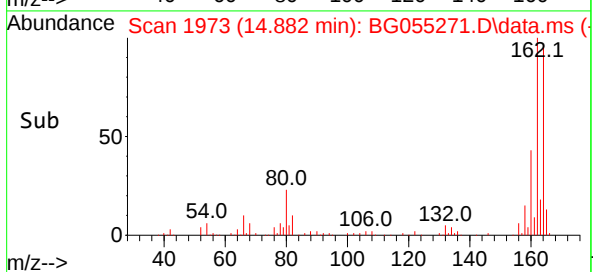
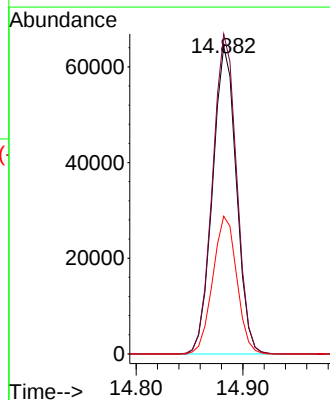
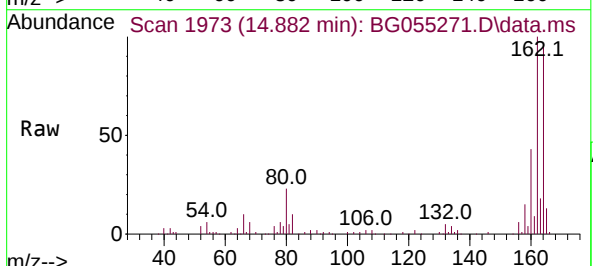
Tgt Ion:164 Resp: 99683

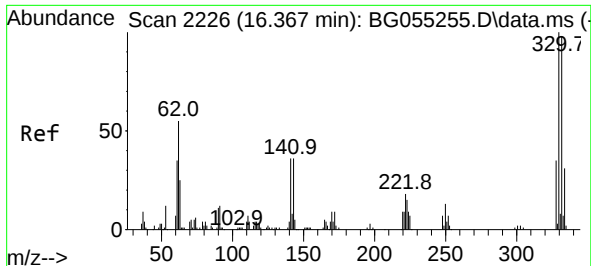
Ion Ratio Lower Upper

164 100

162 104.0 84.0 126.0

160 44.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 62.175 ng

RT: 16.363 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG055271.D

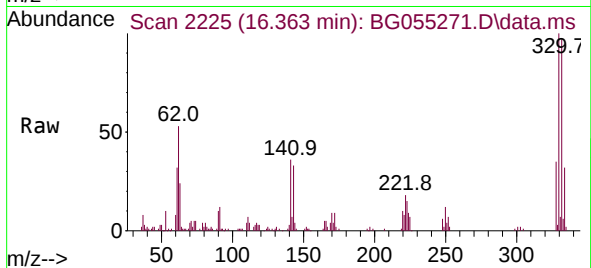
Acq: 25 Oct 2022 11:12

Instrument :

BNA_G

ClientSampleId :

124055



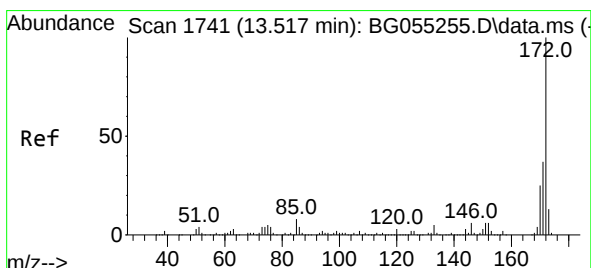
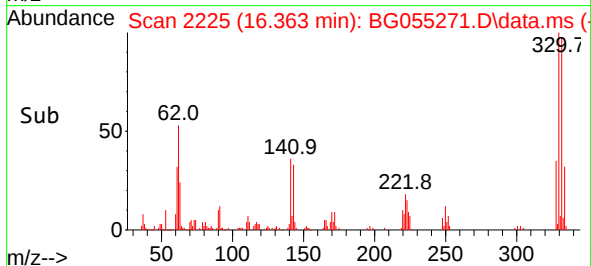
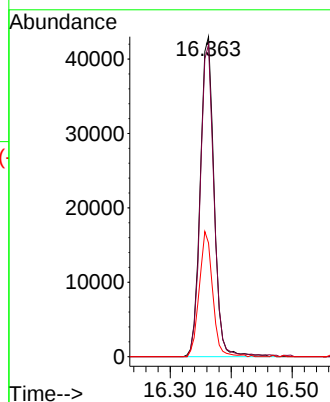
Tgt Ion:330 Resp: 67375

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 38.1 29.8 44.8



#45

2-Fluorobiphenyl

Concen: 31.043 ng

RT: 13.513 min Scan# 1740

Delta R.T. -0.004 min

Lab File: BG055271.D

Acq: 25 Oct 2022 11:12

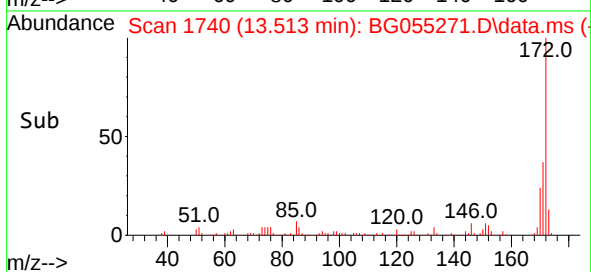
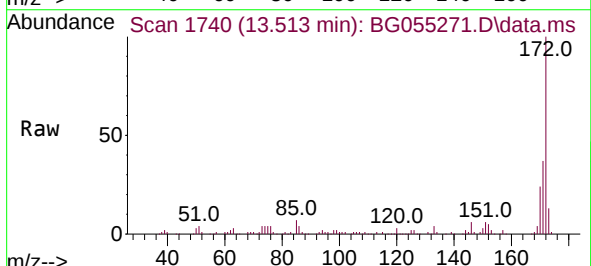
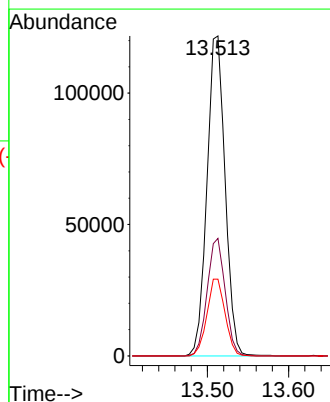
Tgt Ion:172 Resp: 189059

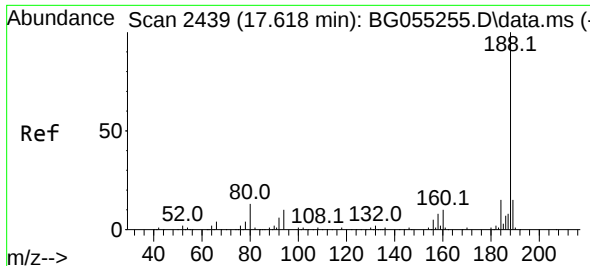
Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

170 24.0 20.2 30.2

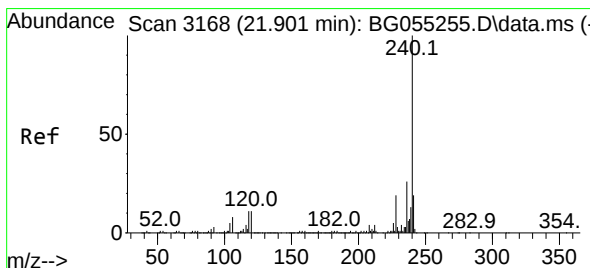
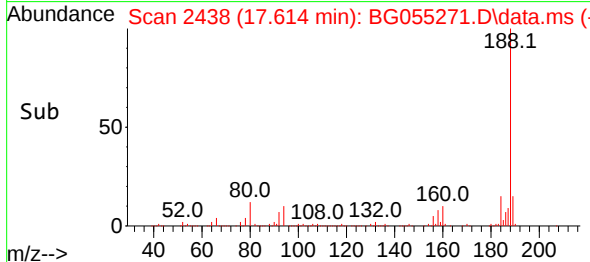
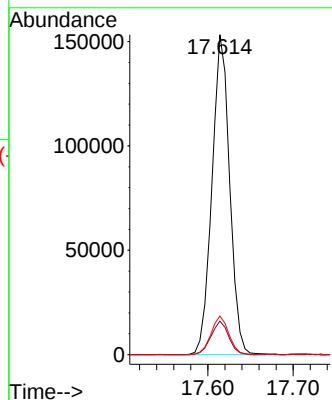
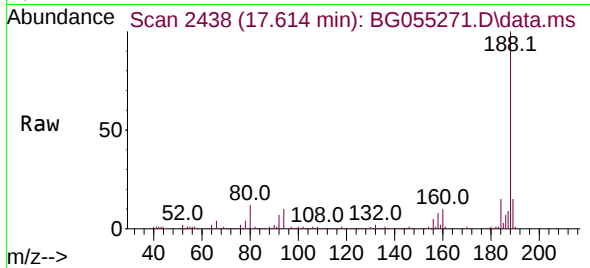




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.614 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BG055271.D
Acq: 25 Oct 2022 11:12

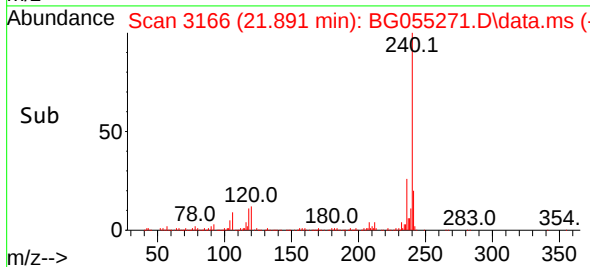
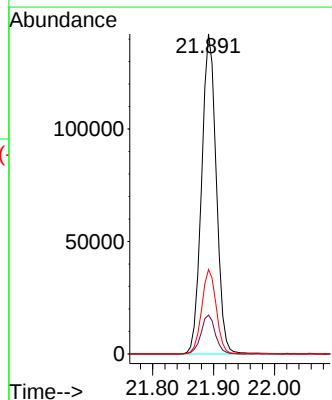
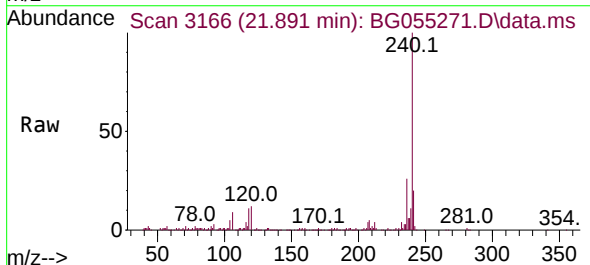
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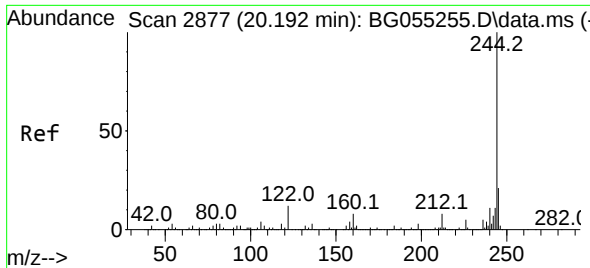
Tgt Ion:188 Resp: 220333
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.4
80 12.0 10.1 15.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.891 min Scan# 3166
Delta R.T. -0.010 min
Lab File: BG055271.D
Acq: 25 Oct 2022 11:12

Tgt Ion:240 Resp: 237420
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 26.4 21.0 31.4

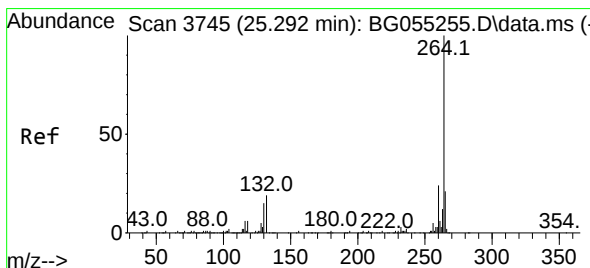
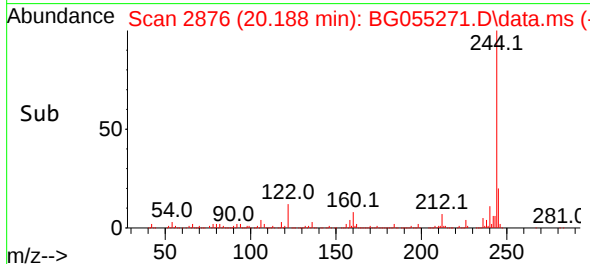
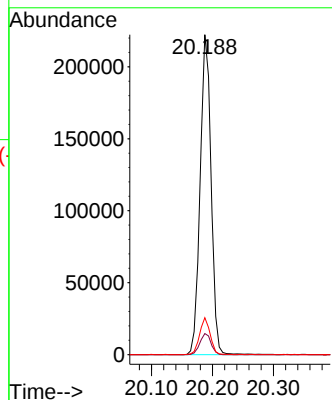
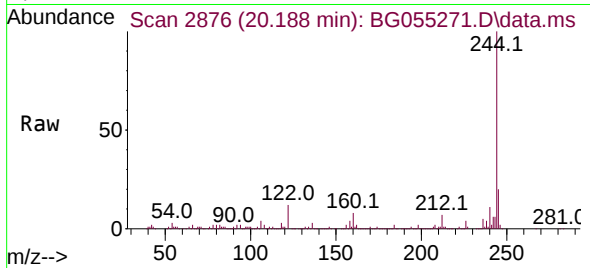




#79
 Terphenyl-d14
 Concen: 24.216 ng
 RT: 20.188 min Scan# 2876
 Delta R.T. -0.004 min
 Lab File: BG055271.D
 Acq: 25 Oct 2022 11:12

Instrument :
 BNA_G
 ClientSampleId :
 124055

Tgt Ion:244 Resp: 276720
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 11.5 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.288 min Scan# 3744
 Delta R.T. -0.004 min
 Lab File: BG055271.D
 Acq: 25 Oct 2022 11:12

Tgt Ion:264 Resp: 251394
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 22.2 17.4 26.2

