

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055322.D
 Acq On : 27 Oct 2022 13:47
 Operator : CG/JU
 Sample : N5218-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-2

Quant Time: Oct 27 15:20:55 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	8.271	152	31997	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	136051	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	94740	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	221960	20.000	ng	0.00
76) Chrysene-d12	21.890	240	205132	20.000	ng	-0.01
86) Perylene-d12	25.292	264	217398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	195894	107.199	ng	0.00
7) Phenol-d6	7.413	99	261466	98.761	ng	0.00
23) Nitrobenzene-d5	9.440	82	165104	61.968	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	121531	118.002	ng	0.00
45) 2-Fluorobiphenyl	13.512	172	358037	61.855	ng	0.00
79) Terphenyl-d14	20.192	244	604976	61.275	ng	0.00

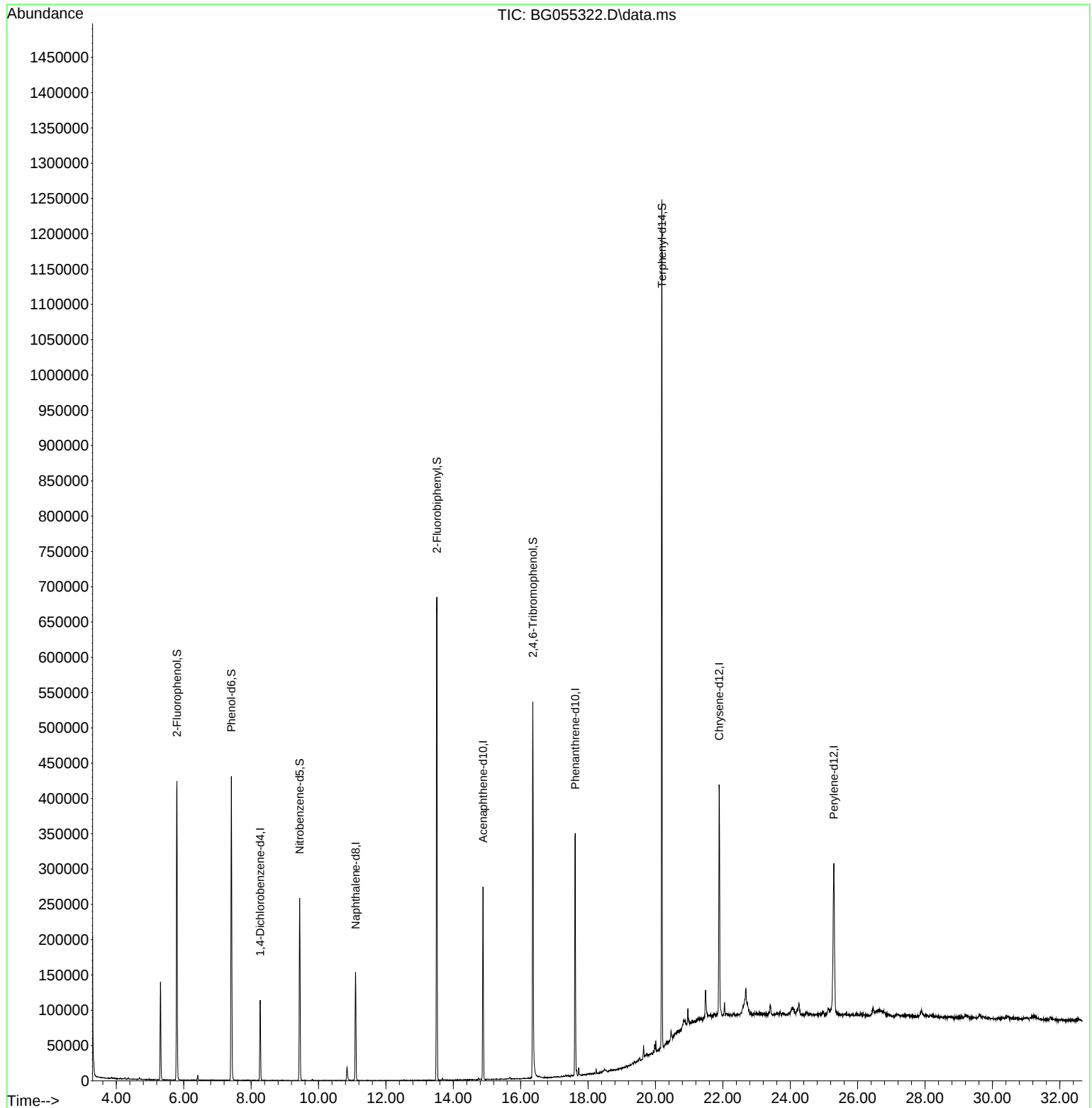
Target Compounds Qvalue

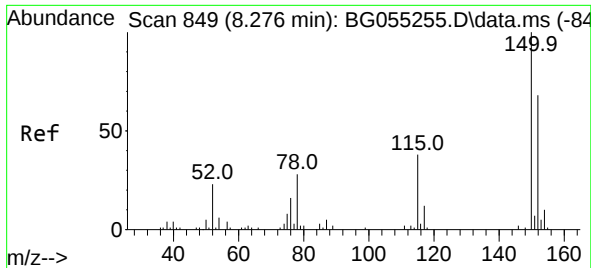
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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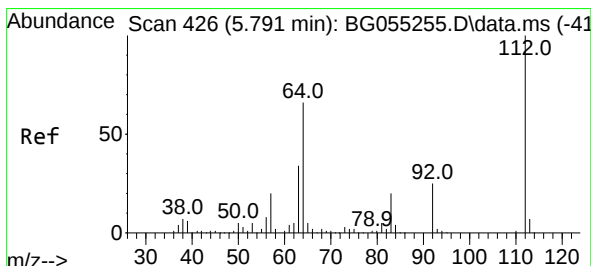
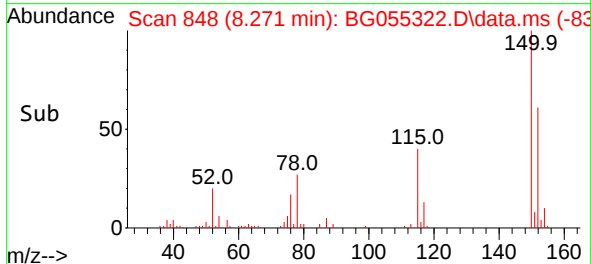
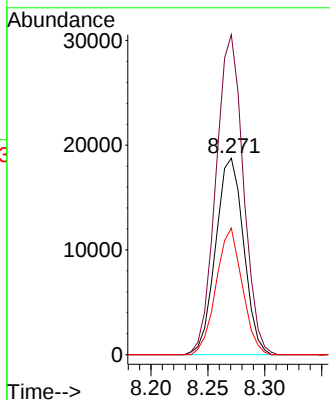
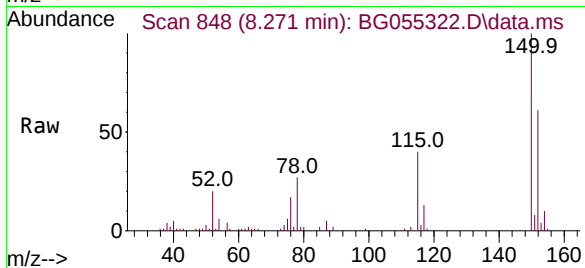




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055322.D
Acq: 27 Oct 2022 13:47

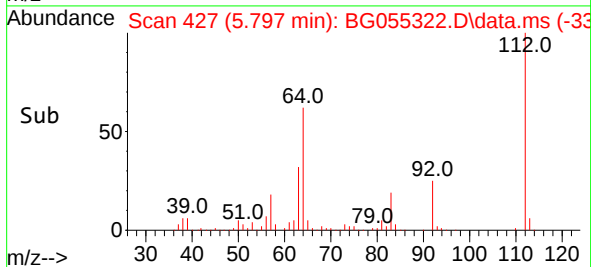
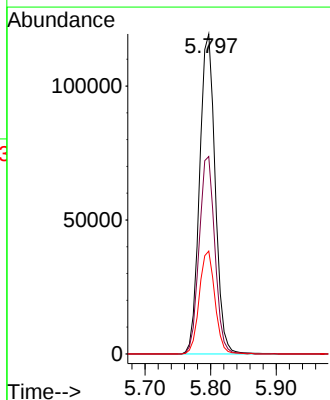
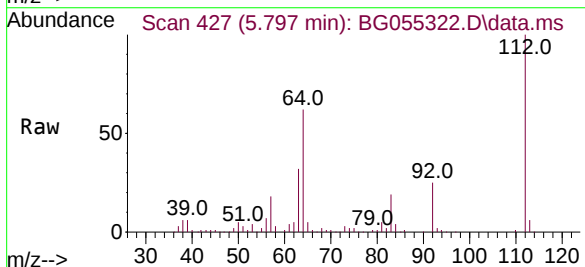
Instrument :
BNA_G
ClientSampleId :
SP-2

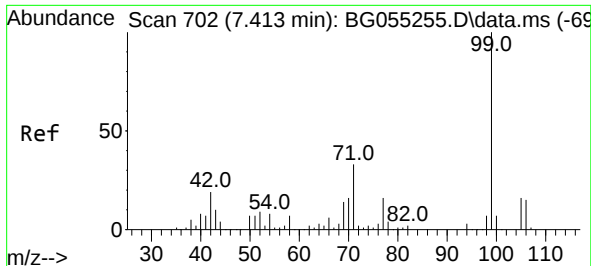
Tgt Ion:152 Resp: 31997
Ion Ratio Lower Upper
152 100
150 163.0 118.2 177.4
115 64.4 44.5 66.7



#5
2-Fluorophenol
Concen: 107.199 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055322.D
Acq: 27 Oct 2022 13:47

Tgt Ion:112 Resp: 195894
Ion Ratio Lower Upper
112 100
64 61.7 52.6 78.8
63 32.1 27.1 40.7

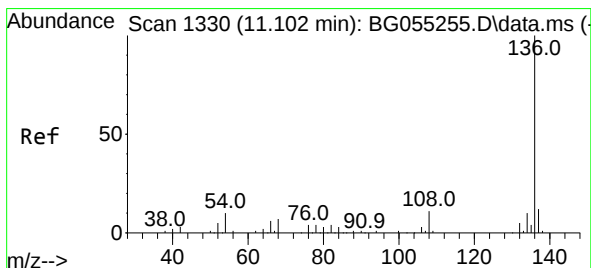
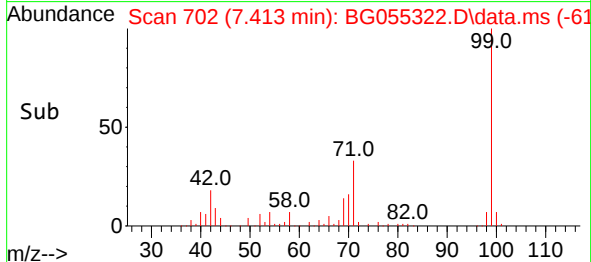
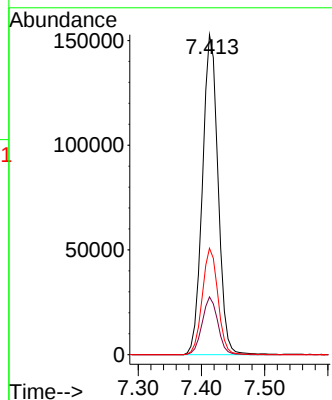
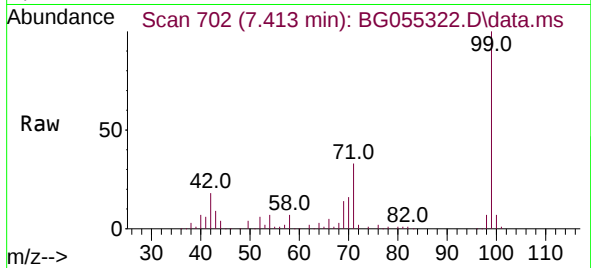




#7
Phenol-d6
Concen: 98.761 ng
RT: 7.413 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG055322.D
Acq: 27 Oct 2022 13:47

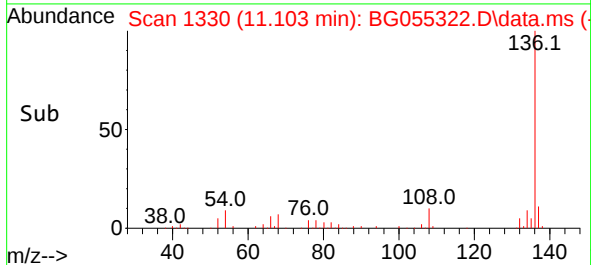
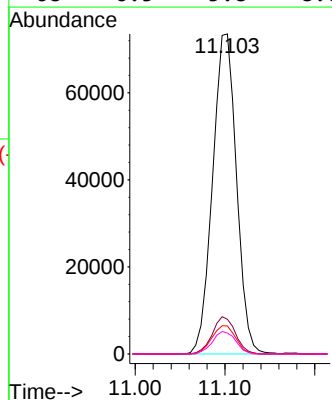
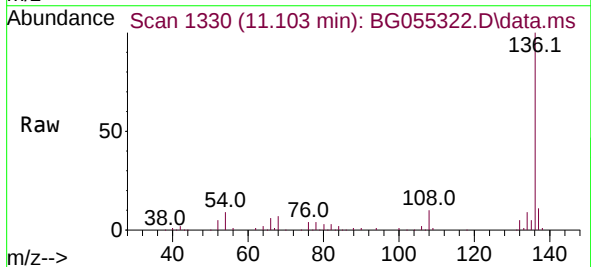
Instrument :
BNA_G
ClientSampleId :
SP-2

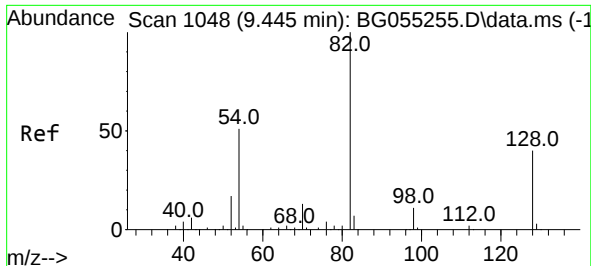
Tgt Ion: 99 Resp: 261466
Ion Ratio Lower Upper
99 100
42 18.0 15.2 22.8
71 33.2 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 1330
Delta R.T. 0.001 min
Lab File: BG055322.D
Acq: 27 Oct 2022 13:47

Tgt Ion: 136 Resp: 136051
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 8.7 7.8 11.8
68 6.5 5.8 8.6





#23

Nitrobenzene-d5

Concen: 61.968 ng

RT: 9.440 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BG055322.D

Acq: 27 Oct 2022 13:47

Instrument :

BNA_G

ClientSampleId :

SP-2

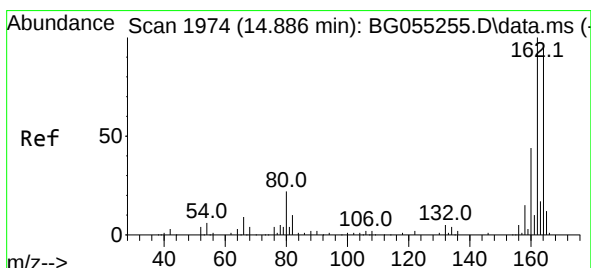
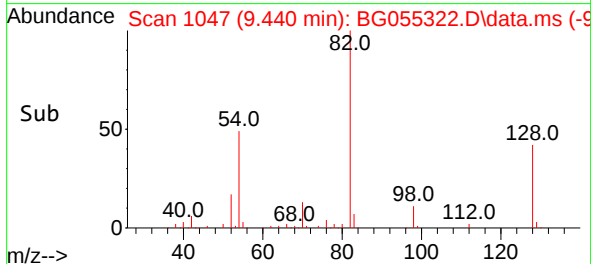
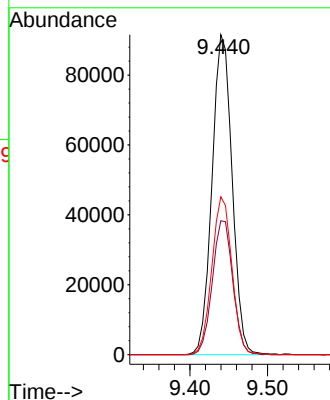
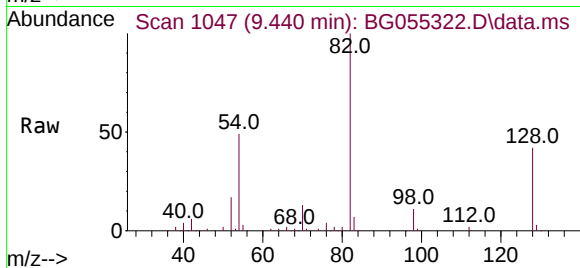
Tgt Ion: 82 Resp: 165104

Ion Ratio Lower Upper

82 100

128 41.8 32.0 48.0

54 49.3 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.880 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BG055322.D

Acq: 27 Oct 2022 13:47

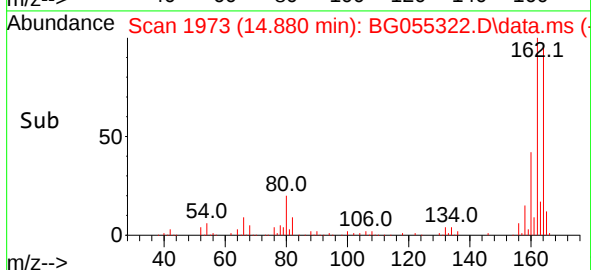
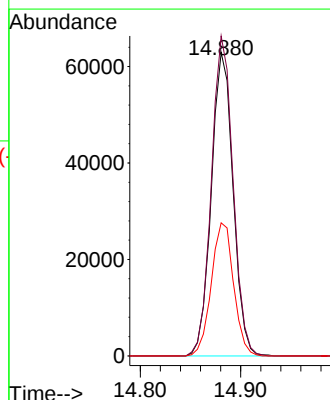
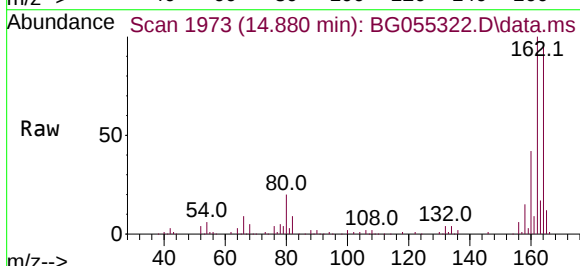
Tgt Ion:164 Resp: 94740

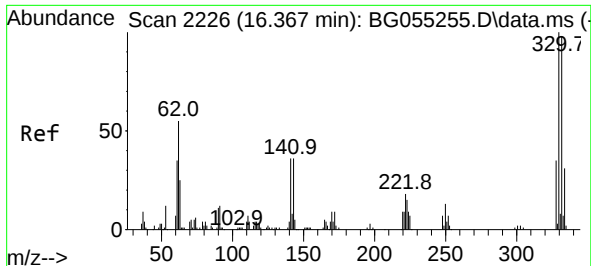
Ion Ratio Lower Upper

164 100

162 105.4 84.0 126.0

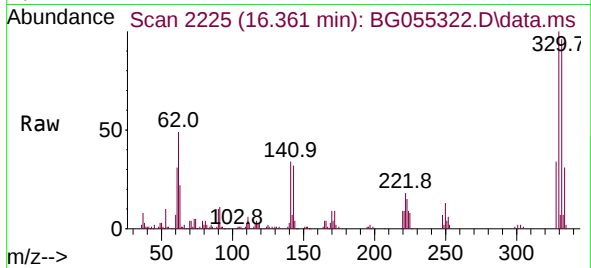
160 43.8 36.7 55.1



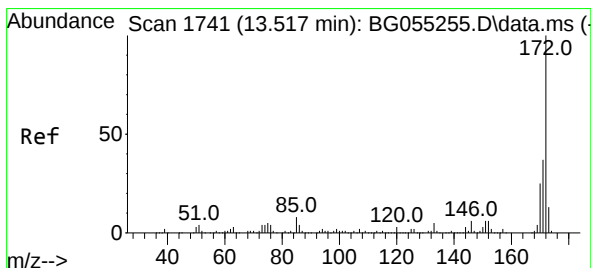
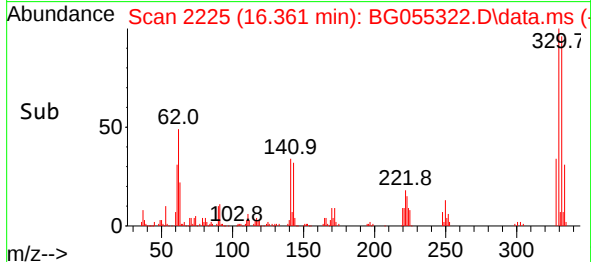
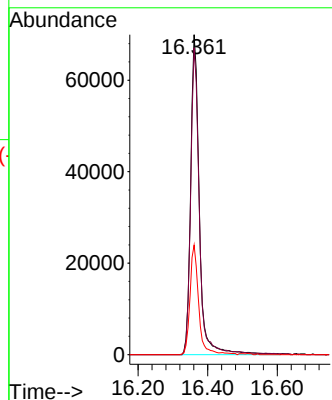


#42
2,4,6-Tribromophenol
Concen: 118.002 ng
RT: 16.361 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055322.D
Acq: 27 Oct 2022 13:47

Instrument :
BNA_G
ClientSampleId :
SP-2

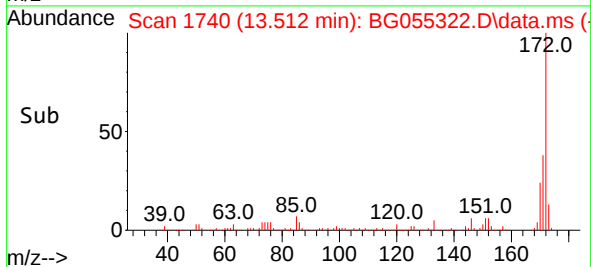
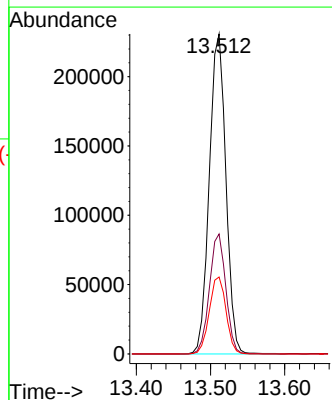
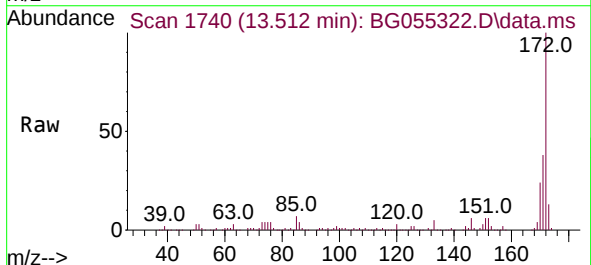


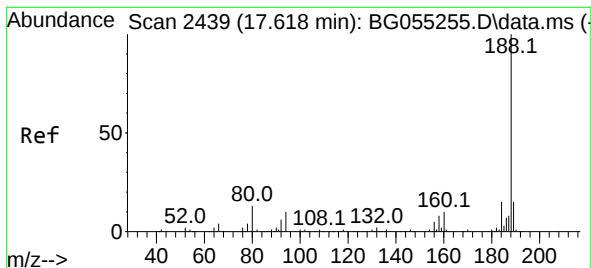
Tgt Ion:330 Resp: 121531
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 34.1 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 61.855 ng
RT: 13.512 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG055322.D
Acq: 27 Oct 2022 13:47

Tgt Ion:172 Resp: 358037
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 24.0 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: BG055322.D

Acq: 27 Oct 2022 13:47

Instrument :

BNA_G

ClientSampleId :

SP-2

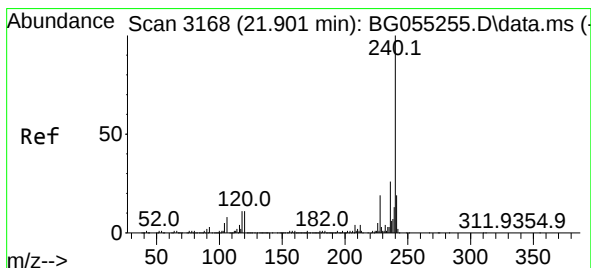
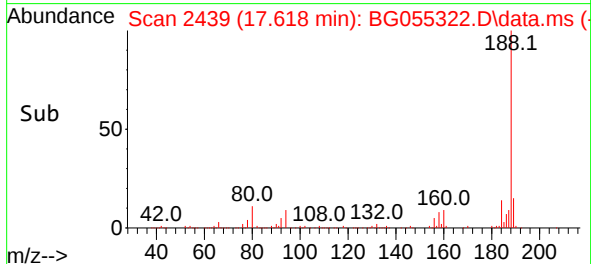
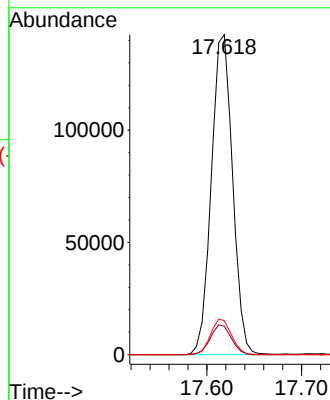
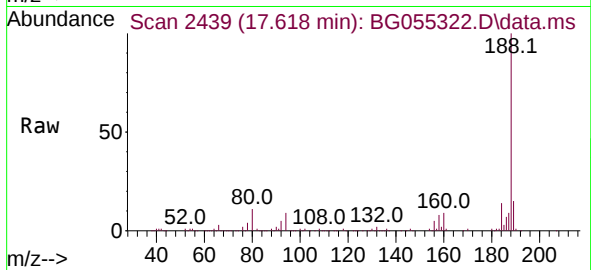
Tgt Ion:188 Resp: 221960

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

80 10.7 10.1 15.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.890 min Scan# 3166

Delta R.T. -0.012 min

Lab File: BG055322.D

Acq: 27 Oct 2022 13:47

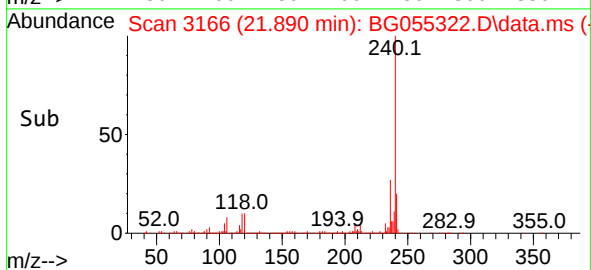
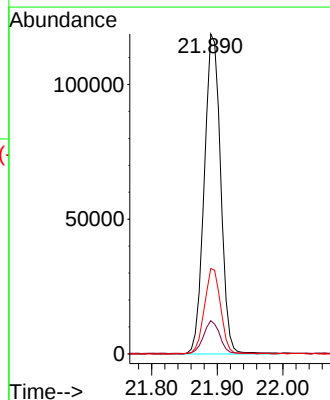
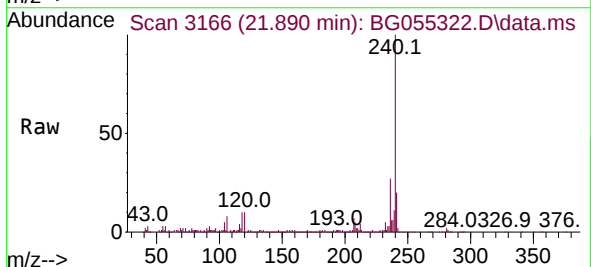
Tgt Ion:240 Resp: 205132

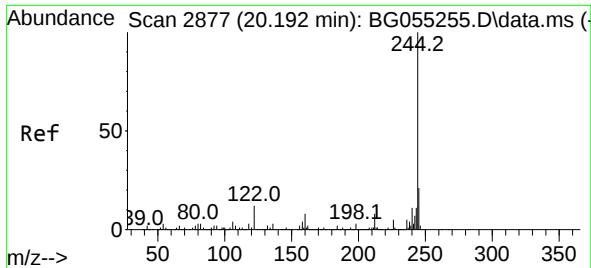
Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

236 26.7 21.0 31.4

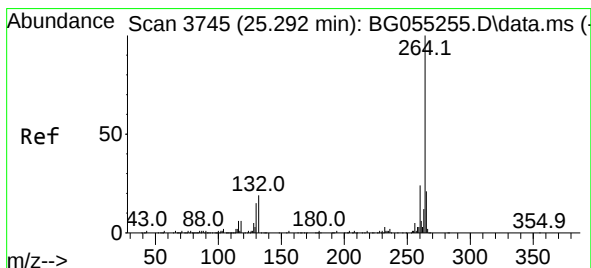
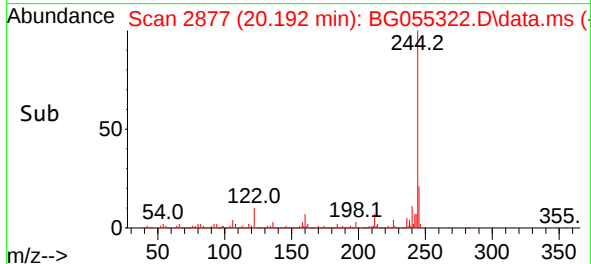
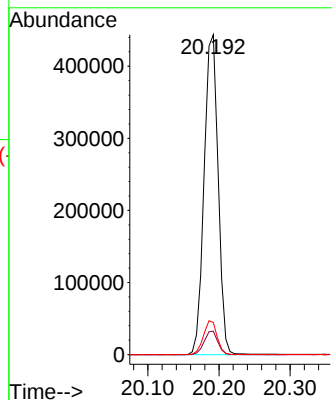
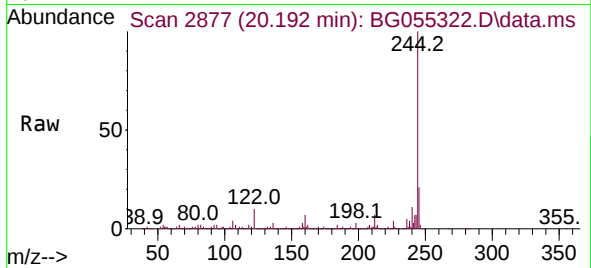




#79
 Terphenyl-d14
 Concen: 61.275 ng
 RT: 20.192 min Scan# 2877
 Delta R.T. 0.000 min
 Lab File: BG055322.D
 Acq: 27 Oct 2022 13:47

Instrument :
 BNA_G
 ClientSampleId :
 SP-2

Tgt Ion:244 Resp: 604976
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.1 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.292 min Scan# 3745
 Delta R.T. 0.000 min
 Lab File: BG055322.D
 Acq: 27 Oct 2022 13:47

Tgt Ion:264 Resp: 217398
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.3 17.4 26.2

