

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
 Data File : BG055382.D
 Acq On : 31 Oct 2022 16:21
 Operator : CG/JU
 Sample : N5313-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-SE-QUARTER

Quant Time: Nov 01 06:49:37 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	8.264	152	32305	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	130849	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	87793	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	192811	20.000	ng	# 0.00
76) Chrysene-d12	21.883	240	190506	20.000	ng	0.00
86) Perylene-d12	25.273	264	206109	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	259921	140.880	ng	0.00
7) Phenol-d6	7.412	99	306634	114.718	ng	0.00
23) Nitrobenzene-d5	9.439	82	227694	88.857	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	182310	191.023	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	541659	100.983	ng	0.00
79) Terphenyl-d14	20.179	244	926162	101.009	ng	0.00

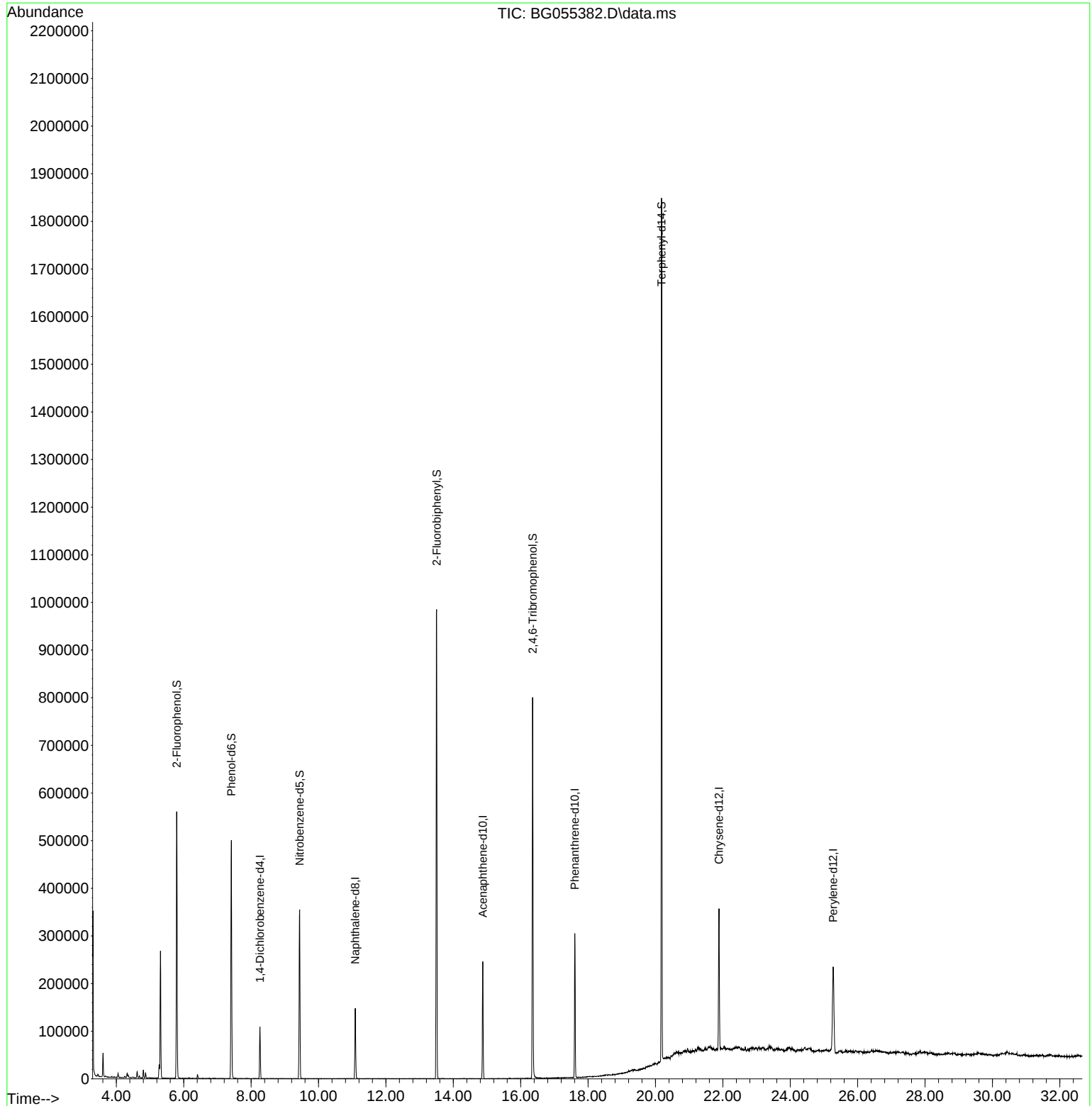
Target Compounds Qvalue

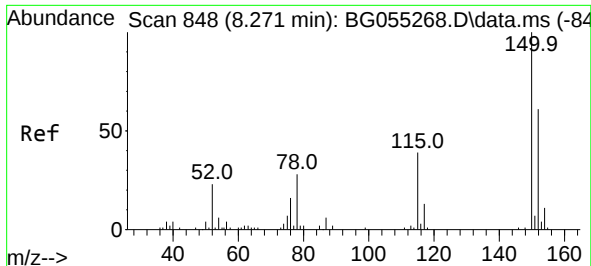
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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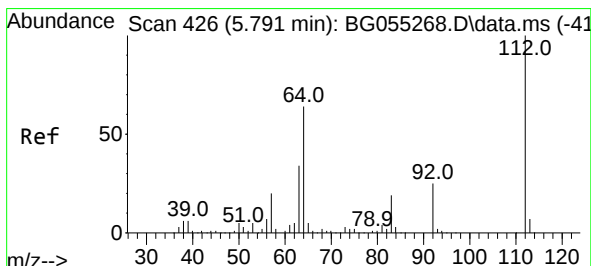
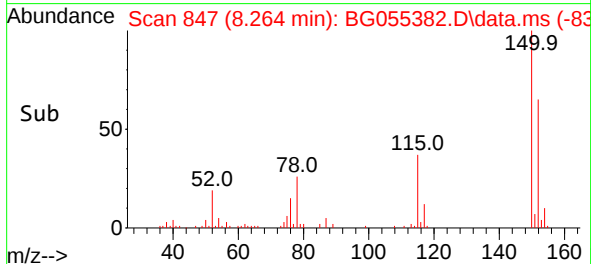
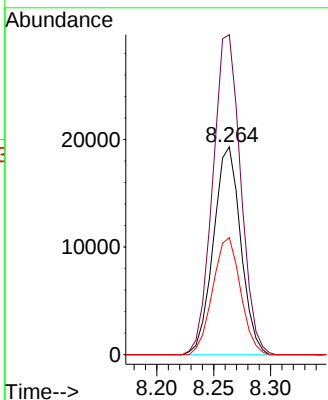
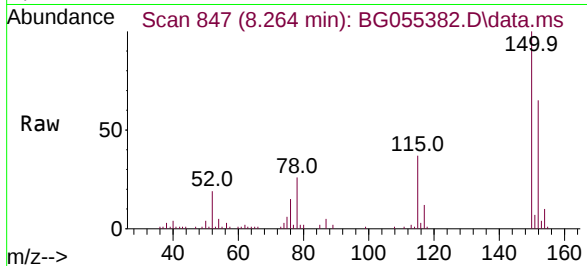




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

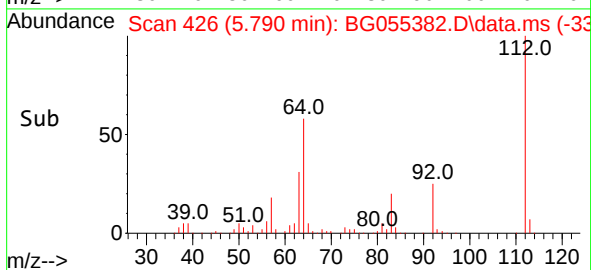
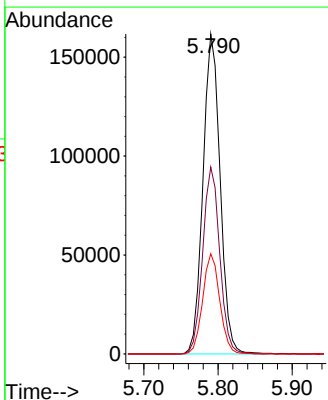
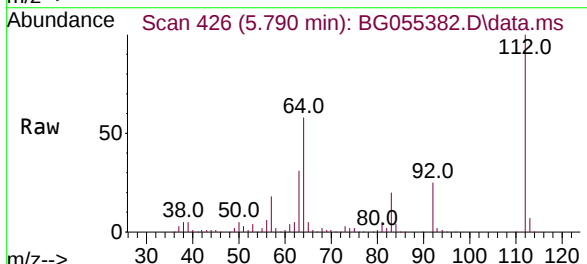
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-SE-QUARTER

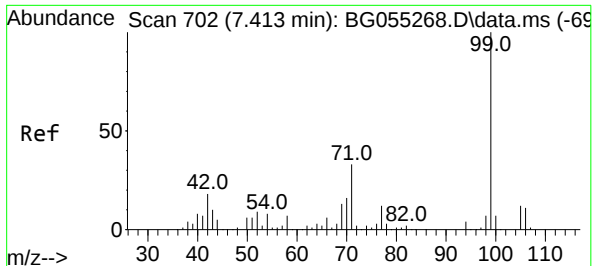
Tgt Ion:152 Resp: 32305
Ion Ratio Lower Upper
152 100
150 154.0 118.2 177.4
115 56.4 44.5 66.7



#5
2-Fluorophenol
Concen: 140.880 ng
RT: 5.790 min Scan# 426
Delta R.T. 0.005 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

Tgt Ion:112 Resp: 259921
Ion Ratio Lower Upper
112 100
64 58.4 52.6 78.8
63 31.3 27.1 40.7

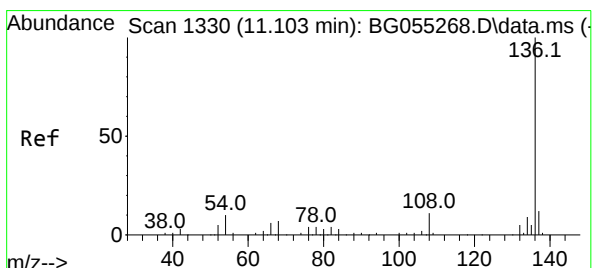
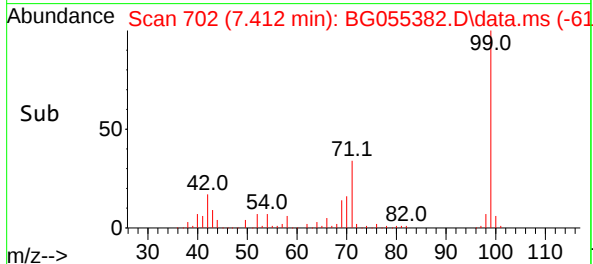
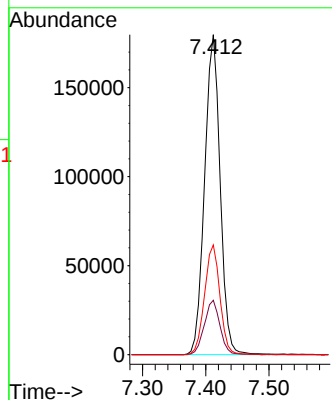
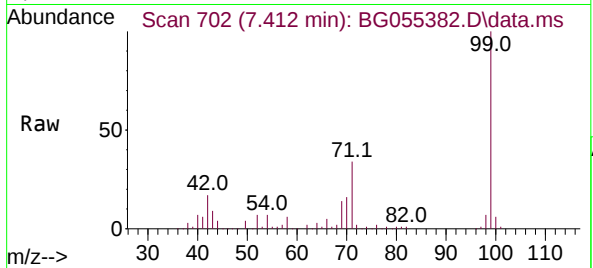




#7
Phenol-d6
Concen: 114.718 ng
RT: 7.412 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

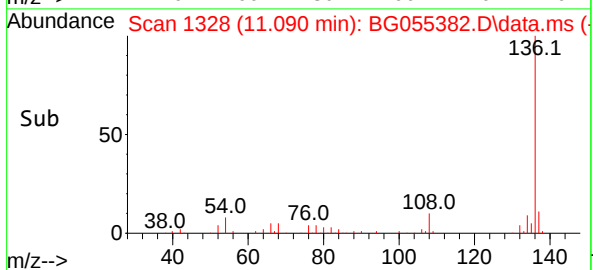
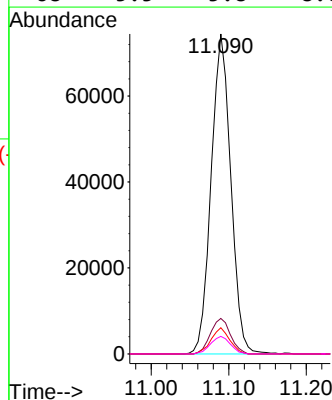
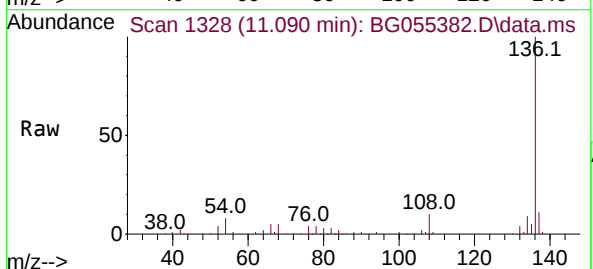
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-SE-QUARTER

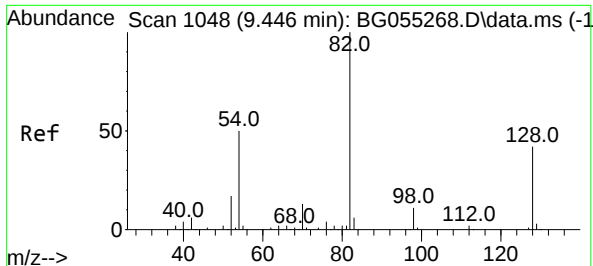
Tgt Ion: 99 Resp: 306634
Ion Ratio Lower Upper
99 100
42 17.0 15.2 22.8
71 34.3 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

Tgt Ion:136 Resp: 130849
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.2 7.8 11.8
68 5.5 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 88.857 ng

RT: 9.439 min Scan# 1047

Delta R.T. -0.001 min

Lab File: BG055382.D

Acq: 31 Oct 2022 16:21

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-SE-QUARTER

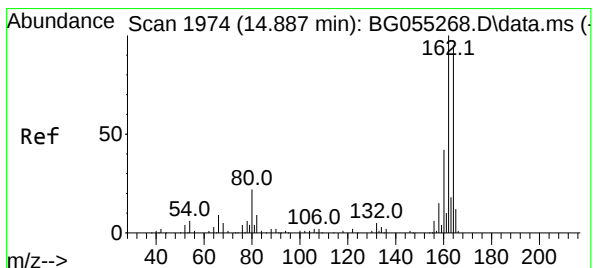
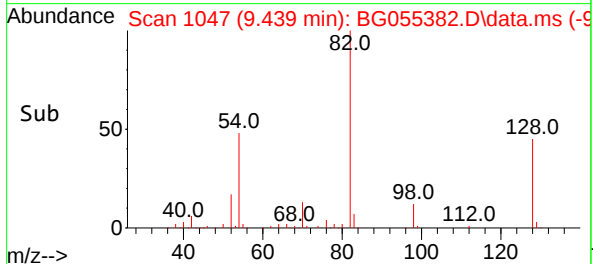
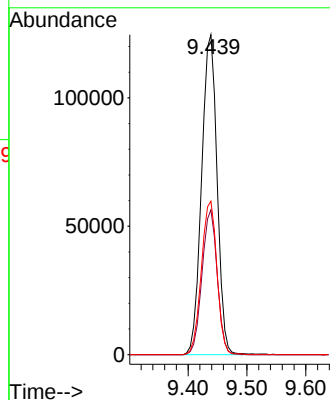
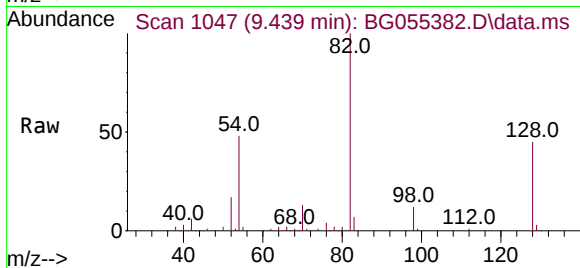
Tgt Ion: 82 Resp: 227694

Ion Ratio Lower Upper

82 100

128 45.2 32.0 48.0

54 47.9 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.007 min

Lab File: BG055382.D

Acq: 31 Oct 2022 16:21

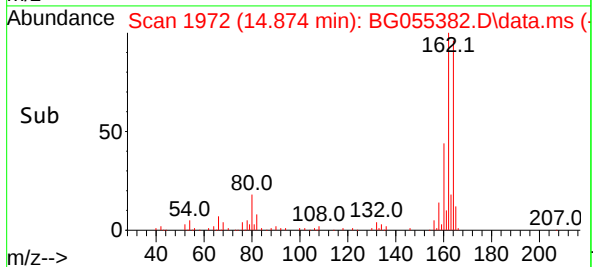
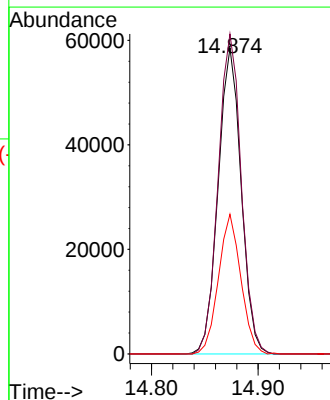
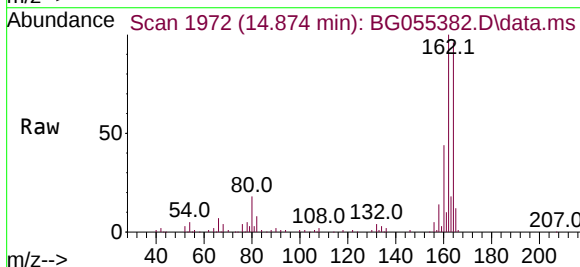
Tgt Ion:164 Resp: 87793

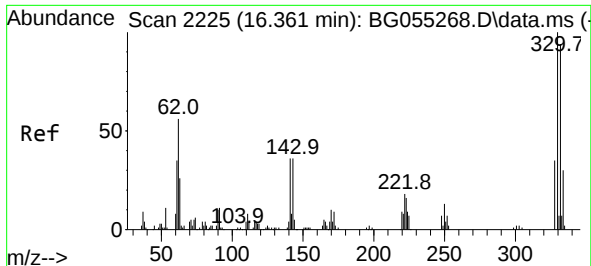
Ion Ratio Lower Upper

164 100

162 104.6 84.0 126.0

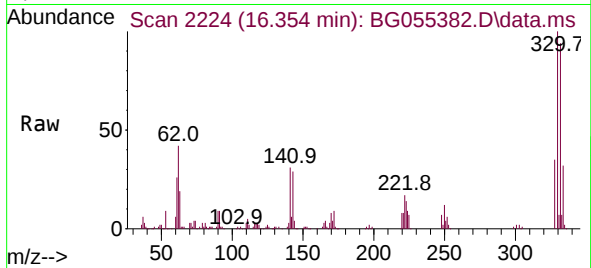
160 45.6 36.7 55.1



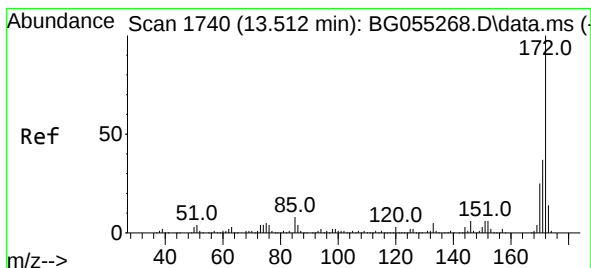
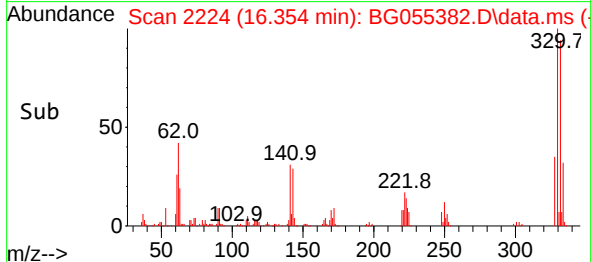
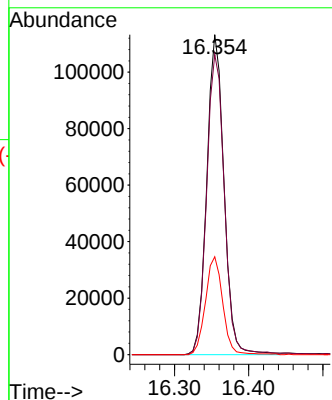


#42
2,4,6-Tribromophenol
Concen: 191.023 ng
RT: 16.354 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

Instrument :
BNA_G
ClientSampleId :
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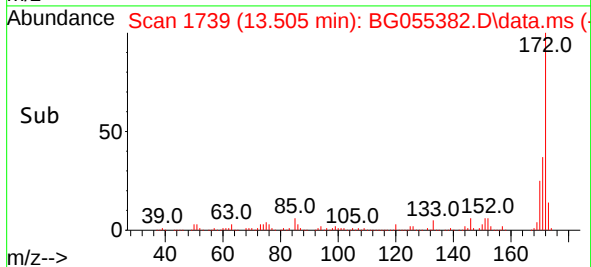
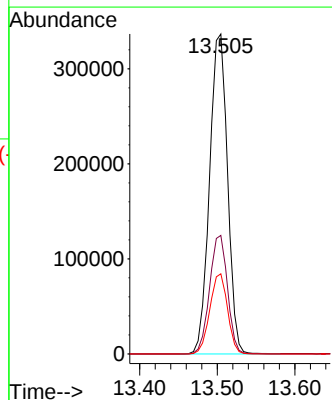
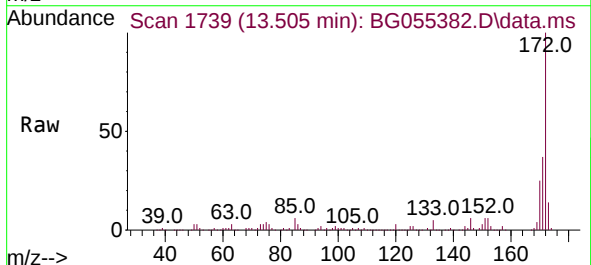


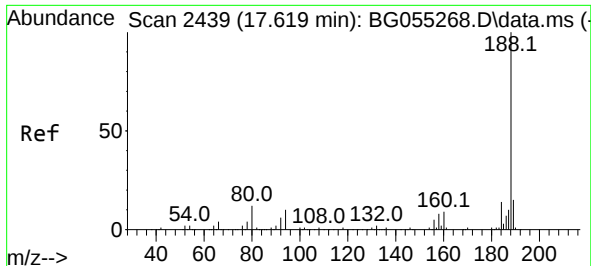
Tgt Ion:330 Resp: 182310
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 30.8 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 100.983 ng
RT: 13.505 min Scan# 1739
Delta R.T. -0.007 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

Tgt Ion:172 Resp: 541659
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 25.0 20.2 30.2

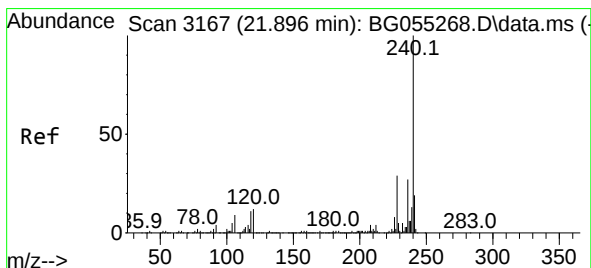
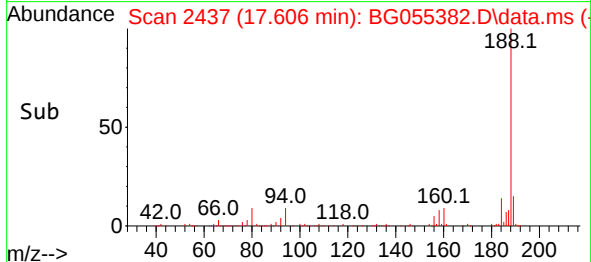
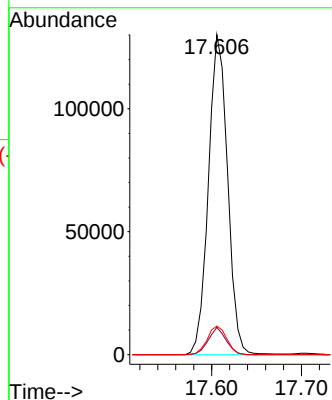
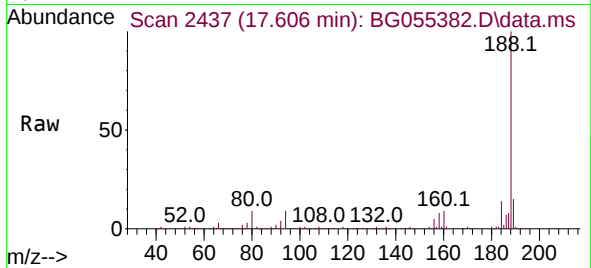




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2439
Delta R.T. -0.007 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

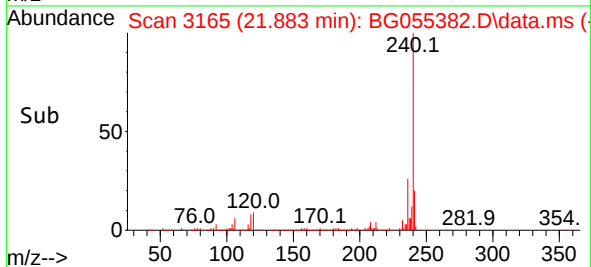
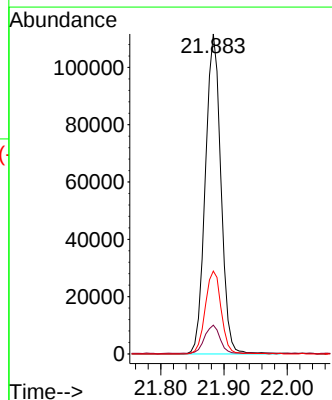
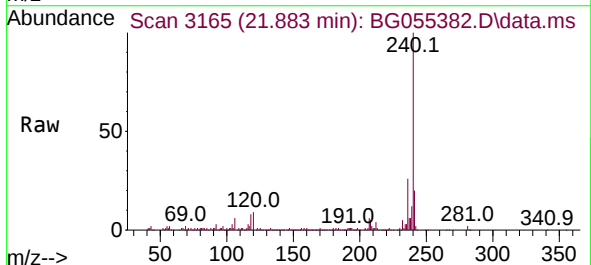
Instrument :
BNA_G
ClientSampleId :
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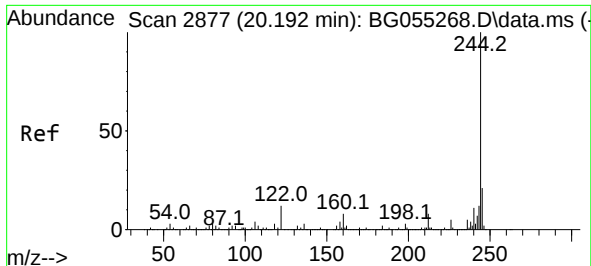
Tgt Ion:188 Resp: 192811
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.4
80 8.9 10.1 15.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.883 min Scan# 3165
Delta R.T. -0.007 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

Tgt Ion:240 Resp: 190506
Ion Ratio Lower Upper
240 100
120 9.0 8.9 13.3
236 25.9 21.0 31.4

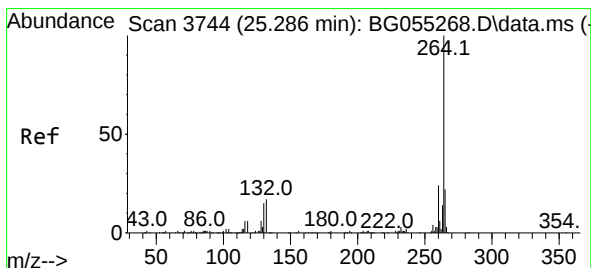
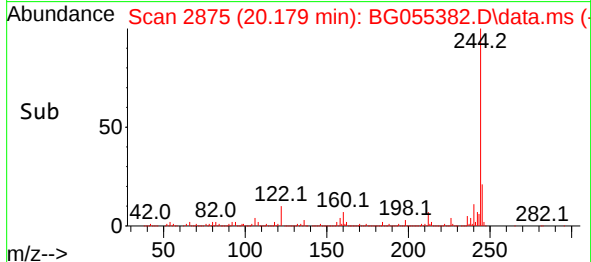
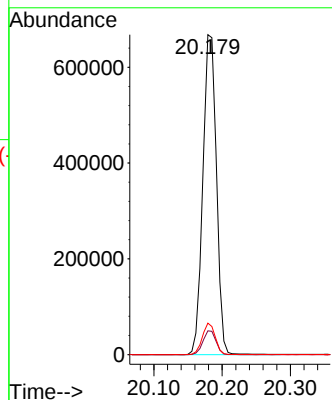
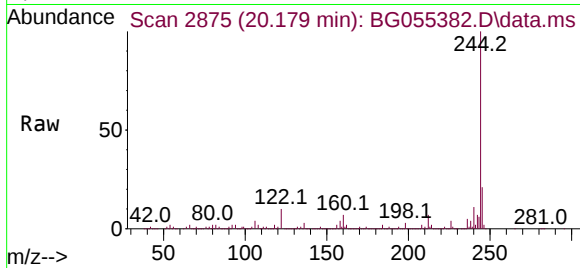




#79
 Terphenyl-d14
 Concen: 101.009 ng
 RT: 20.179 min Scan# 2875
 Delta R.T. -0.007 min
 Lab File: BG055382.D
 Acq: 31 Oct 2022 16:21

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 926162
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 9.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.273 min Scan# 3742
 Delta R.T. -0.013 min
 Lab File: BG055382.D
 Acq: 31 Oct 2022 16:21

Tgt Ion:264 Resp: 206109
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.4 17.4 26.2

