

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055106.D
 Acq On : 7 Oct 2022 19:46
 Operator : CG/JU
 Sample : N5018-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SASP2-T-3-(14-16)

Quant Time: Oct 08 03:11:06 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	8.340	152	34303	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	143386	20.000	ng	# 0.00
39) Acenaphthene-d10	14.939	164	91918	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	178912	20.000	ng	0.00
76) Chrysene-d12	21.983	240	186716	20.000	ng	# 0.01
86) Perylene-d12	25.503	264	207488	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	156445	101.299	ng	0.00
7) Phenol-d6	7.465	99	212500	91.833	ng	0.00
23) Nitrobenzene-d5	9.504	82	146450	61.031	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	108246	114.132	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	364527	61.911	ng	0.00
79) Terphenyl-d14	20.256	244	524467	56.773	ng	0.00

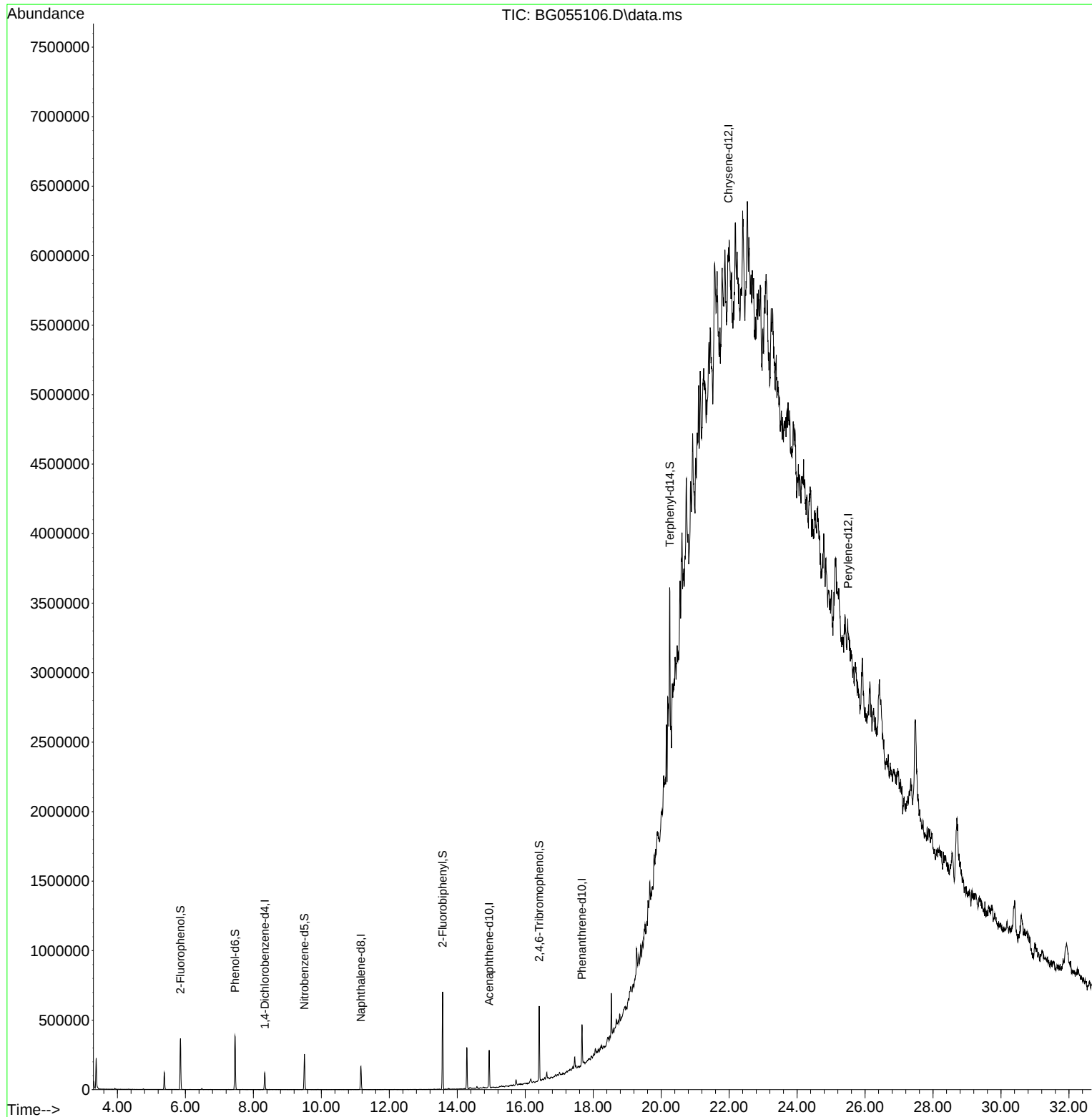
Target Compounds	Qvalue

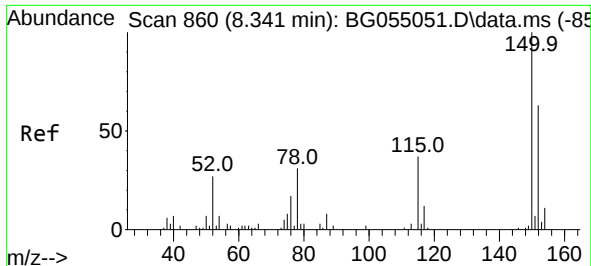
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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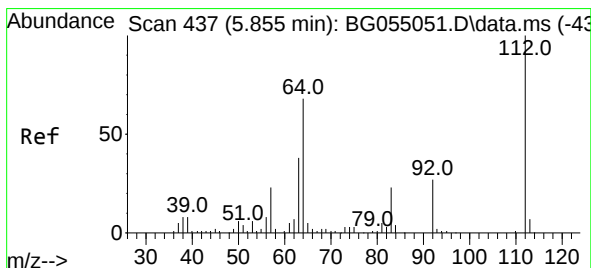
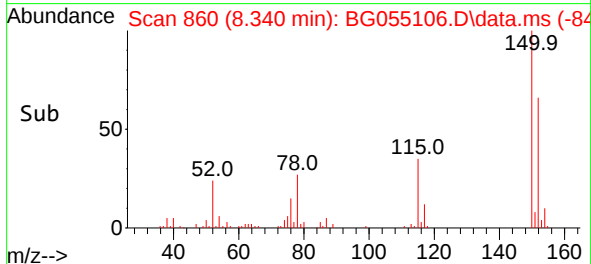
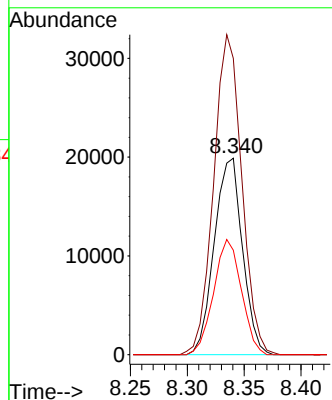
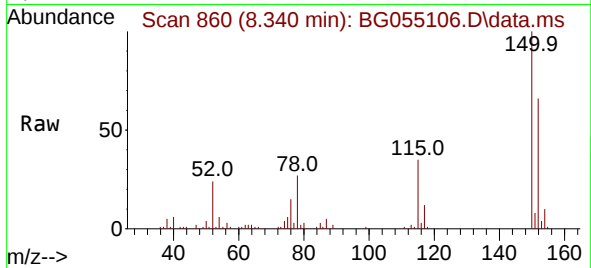




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 860
Delta R.T. 0.002 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

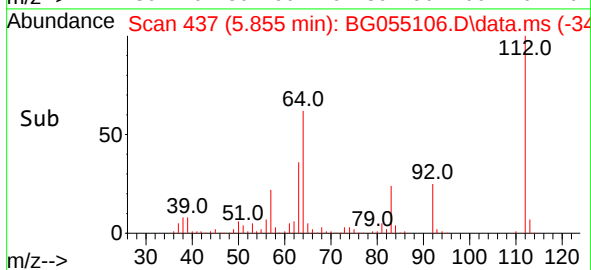
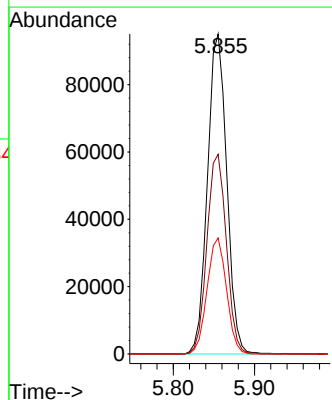
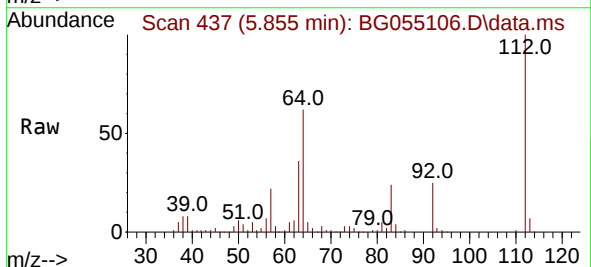
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(14-16)

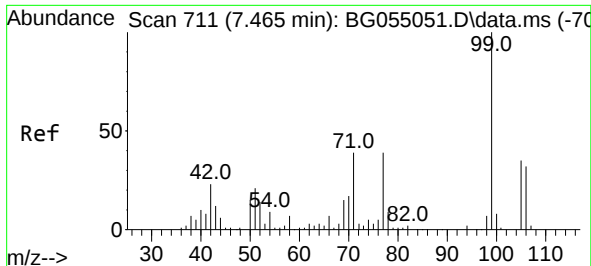
Tgt Ion:152 Resp: 34303
Ion Ratio Lower Upper
152 100
150 150.8 128.0 192.0
115 53.2 47.7 71.5



#5
2-Fluorophenol
Concen: 101.299 ng
RT: 5.855 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

Tgt Ion:112 Resp: 156445
Ion Ratio Lower Upper
112 100
64 62.4 54.5 81.7
63 36.3 30.5 45.7

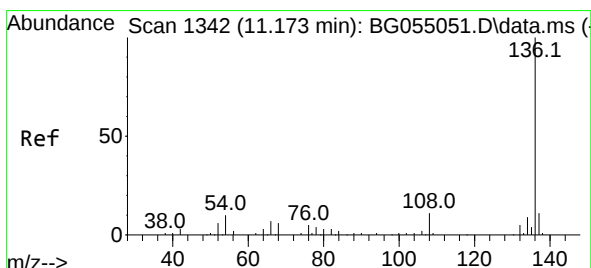
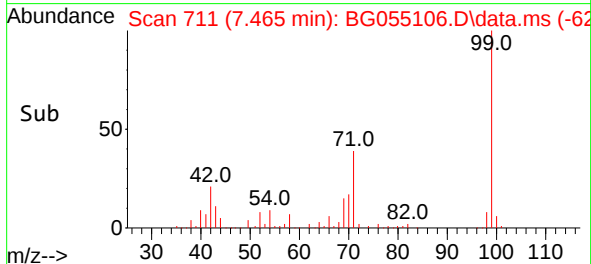
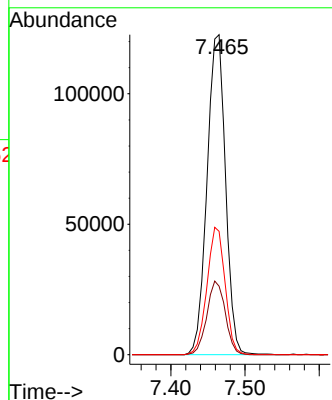
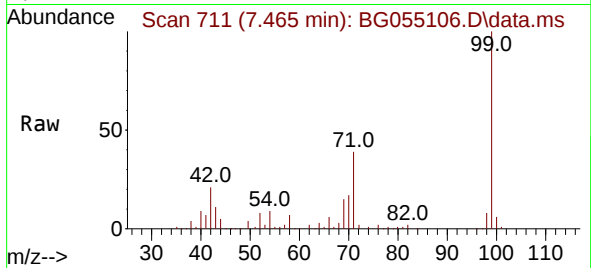




#7
Phenol-d6
Concen: 91.833 ng
RT: 7.465 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

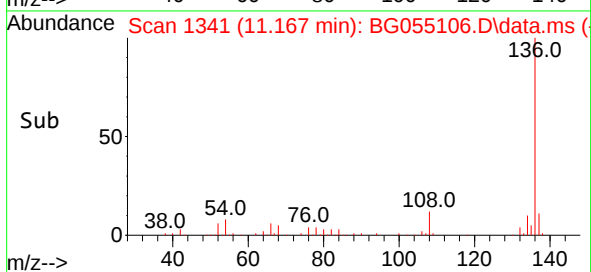
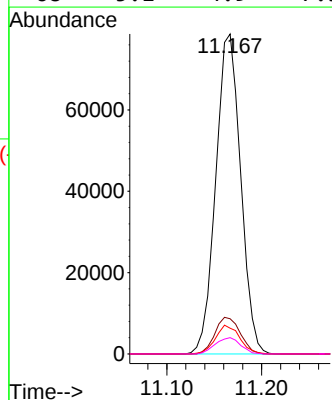
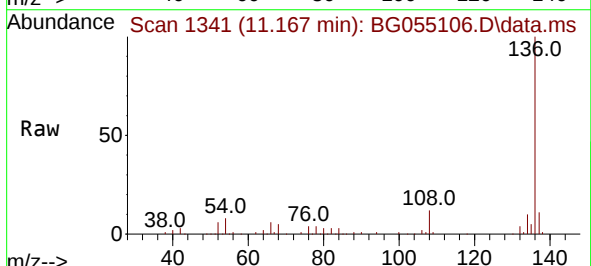
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(14-16)

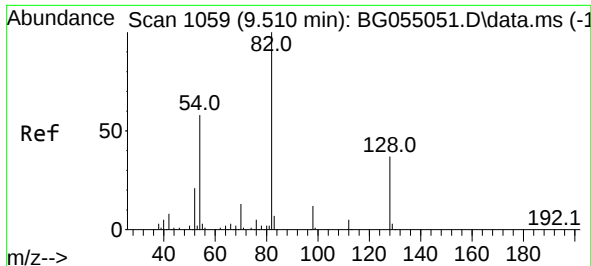
Tgt Ion: 99 Resp: 212500
Ion Ratio Lower Upper
99 100
42 21.4 18.6 28.0
71 38.5 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

Tgt Ion:136 Resp: 143386
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.0 8.2 12.4#
68 5.1 4.9 7.3

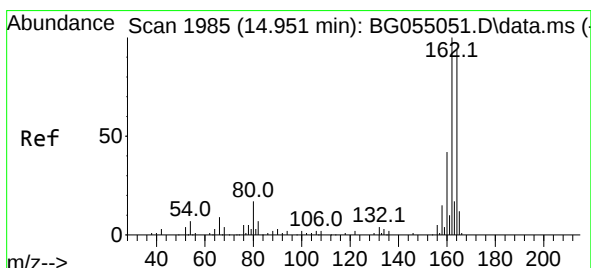
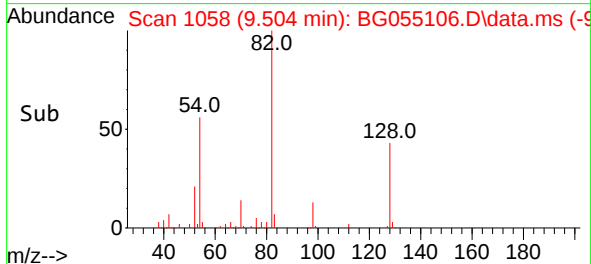
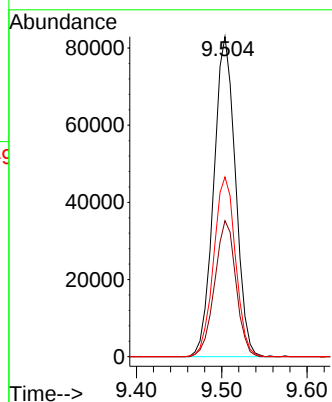
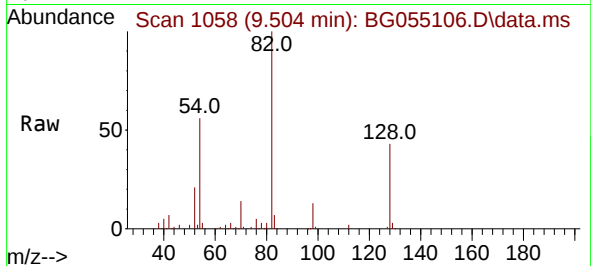




#23
Nitrobenzene-d5
Concen: 61.031 ng
RT: 9.504 min Scan# 1058
Delta R.T. -0.003 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

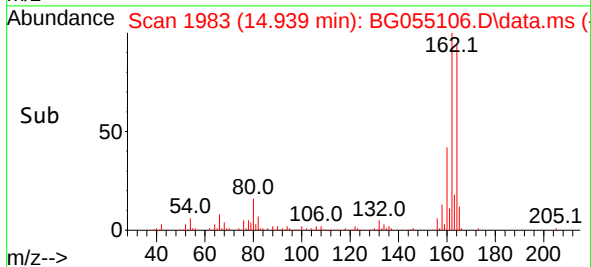
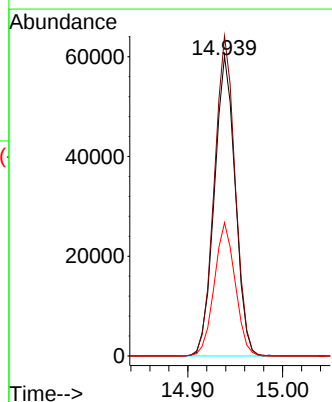
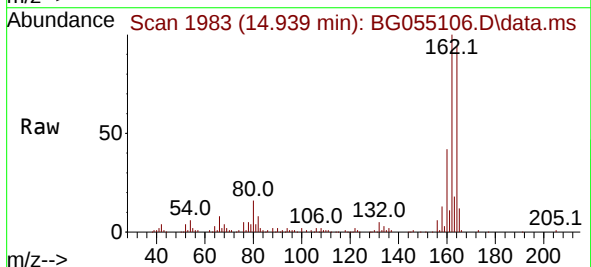
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(14-16)

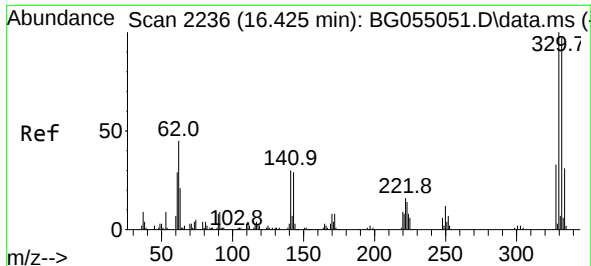
Tgt Ion: 82 Resp: 146450
Ion Ratio Lower Upper
82 100
128 42.5 29.5 44.3
54 56.2 46.7 70.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.003 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

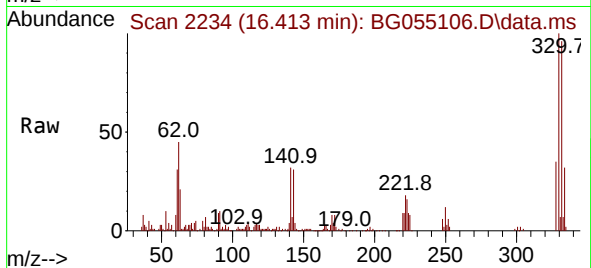
Tgt Ion:164 Resp: 91918
Ion Ratio Lower Upper
164 100
162 106.7 85.5 128.3
160 44.4 35.5 53.3



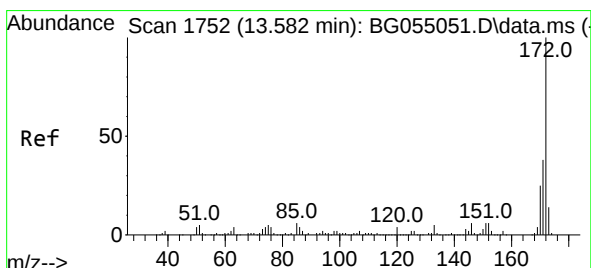
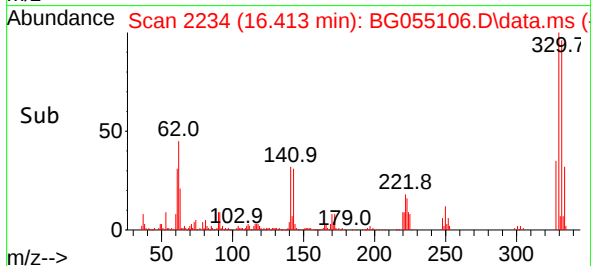
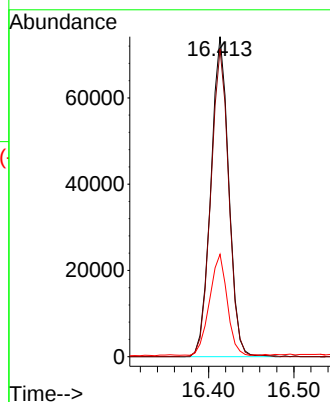


#42
2,4,6-Tribromophenol
Concen: 114.132 ng
RT: 16.413 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(14-16)

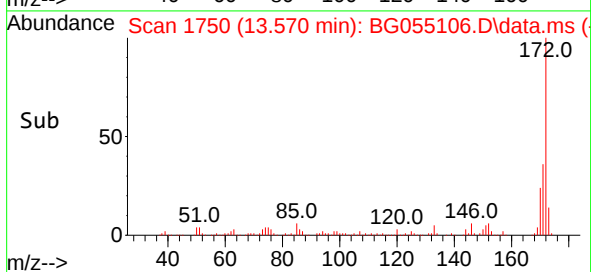
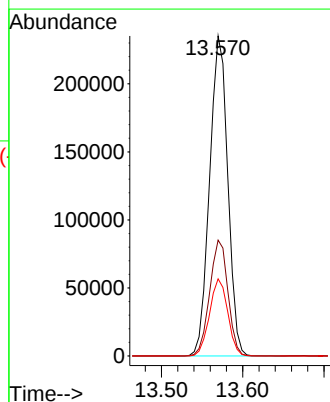
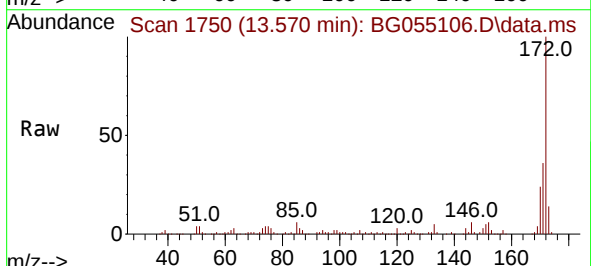


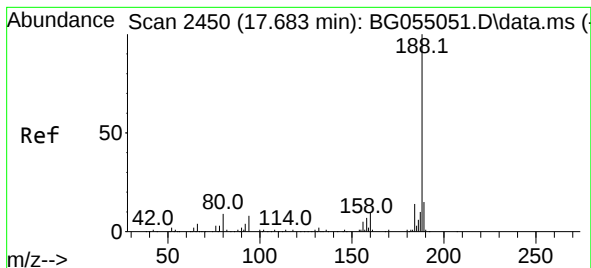
Tgt Ion:330 Resp: 108246
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 31.1 25.0 37.4



#45
2-Fluorobiphenyl
Concen: 61.911 ng
RT: 13.570 min Scan# 1750
Delta R.T. -0.003 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

Tgt Ion:172 Resp: 364527
Ion Ratio Lower Upper
172 100
171 36.2 30.1 45.1
170 24.1 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.671 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG055106.D

Acq: 7 Oct 2022 19:46

Instrument :

BNA_G

ClientSampleId :

SASP2-T-3-(14-16)

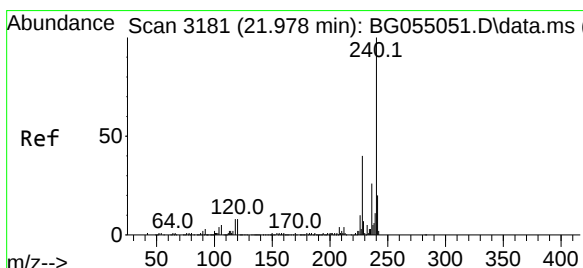
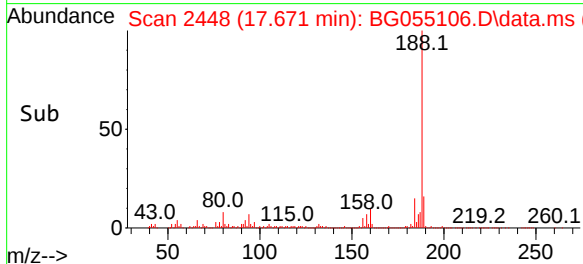
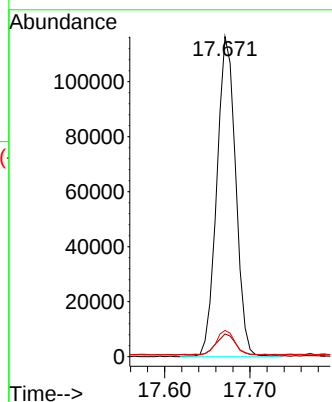
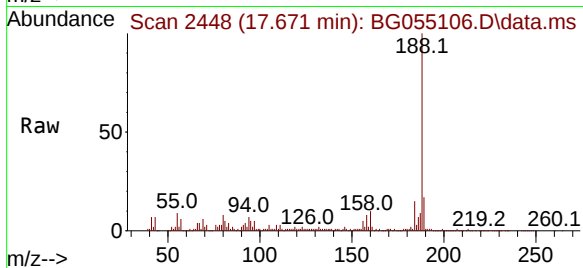
Tgt Ion:188 Resp: 178912

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.2

80 8.2 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.983 min Scan# 3182

Delta R.T. 0.015 min

Lab File: BG055106.D

Acq: 7 Oct 2022 19:46

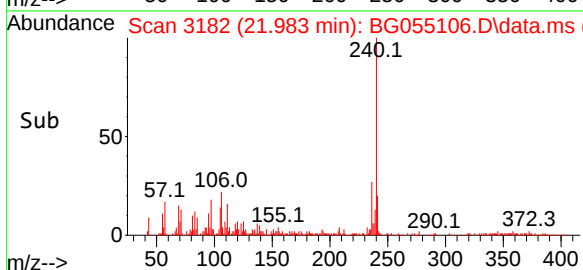
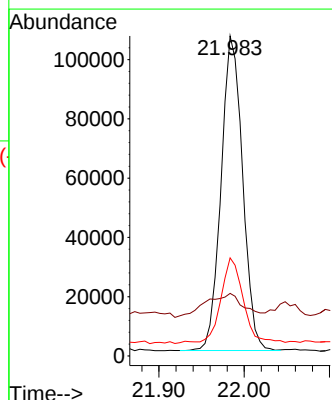
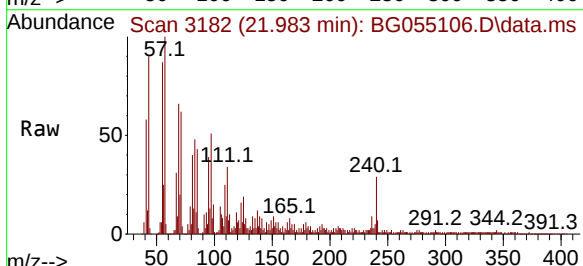
Tgt Ion:240 Resp: 186716

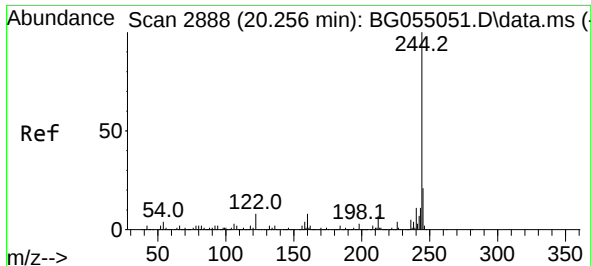
Ion Ratio Lower Upper

240 100

120 19.5 6.2 9.4#

236 30.6 20.6 30.8

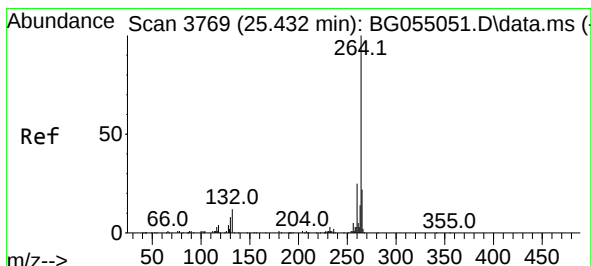
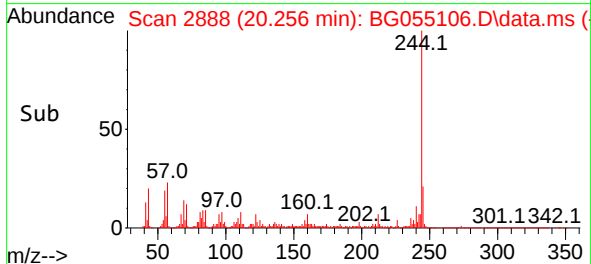
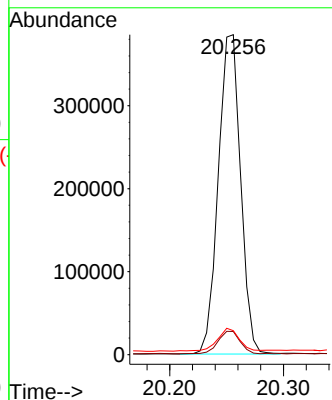
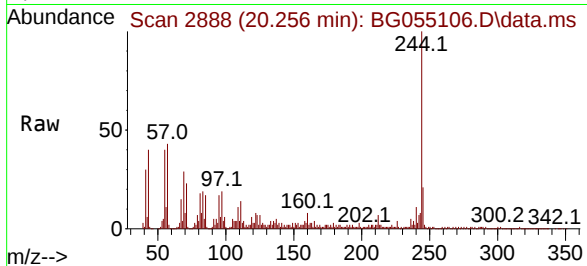




#79
 Terphenyl-d14
 Concen: 56.773 ng
 RT: 20.256 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG055106.D
 Acq: 7 Oct 2022 19:46

Instrument :
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 ClientSampleId :
 SASP2-T-3-(14-16)

Tgt Ion:244 Resp: 524467
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 7.5 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.503 min Scan# 3781
 Delta R.T. 0.085 min
 Lab File: BG055106.D
 Acq: 7 Oct 2022 19:46

Tgt Ion:264 Resp: 207488
 Ion Ratio Lower Upper
 264 100
 260 25.8 19.7 29.5
 265 23.8 17.8 26.6

