

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101222\
 Data File : BG055141.D
 Acq On : 12 Oct 2022 14:02
 Operator : CG/JU
 Sample : N5067-18DL 20X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-B-2-VERTDL

Quant Time: Oct 13 04:50:06 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)

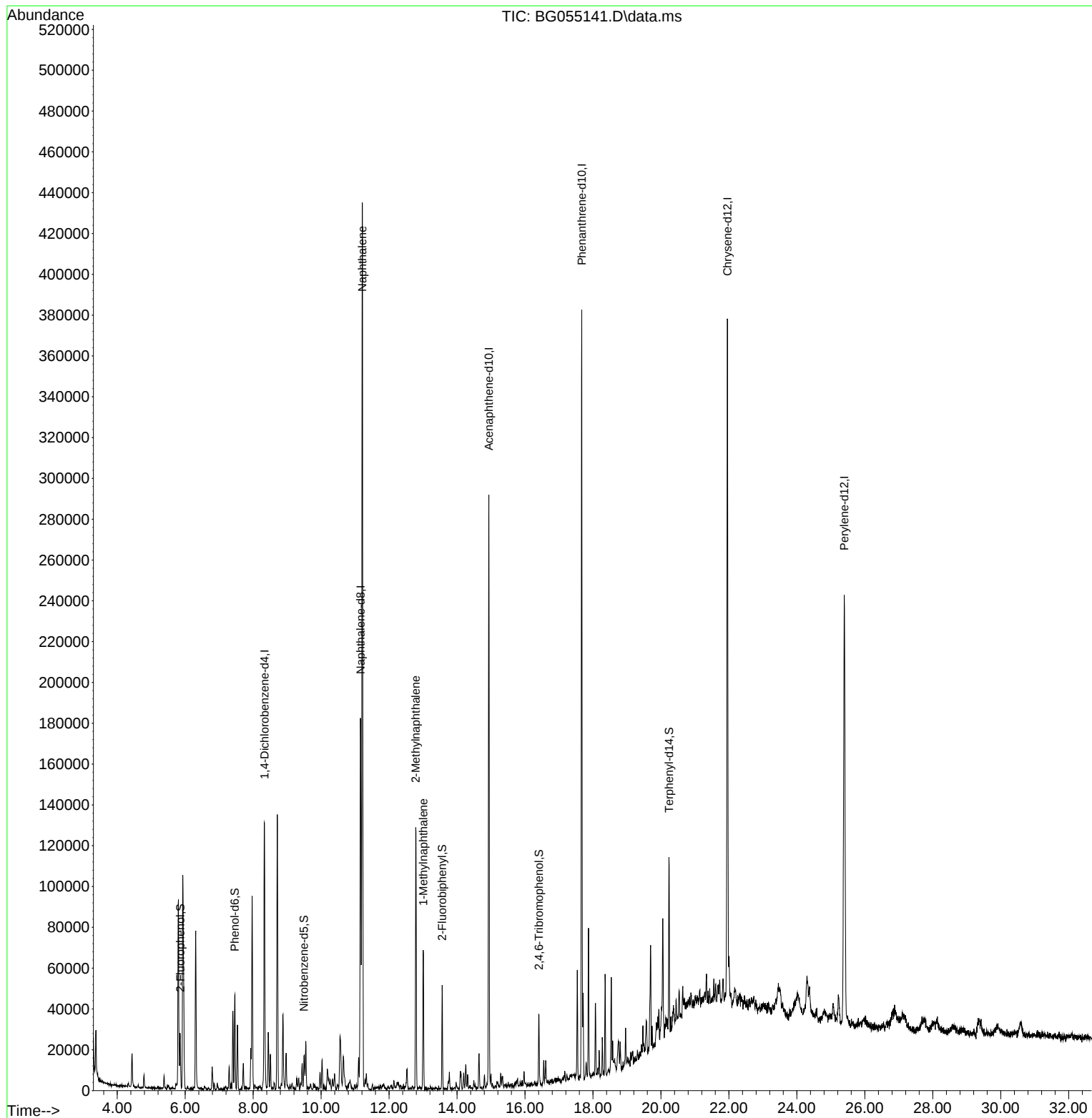
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.331	152	39301	20.000	ng	0.00
21) Naphthalene-d8	11.157	136	158145	20.000	ng	-0.01
39) Acenaphthene-d10	14.935	164	106913	20.000	ng	0.00
64) Phenanthrene-d10	17.667	188	239221	20.000	ng	0.00
76) Chrysene-d12	21.957	240	221799	20.000	ng	-0.01
86) Perylene-d12	25.394	264	236771	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.852	112	11914	6.733	ng	0.00
7) Phenol-d6	7.456	99	15831	5.971	ng	0.00
23) Nitrobenzene-d5	9.495	82	9920	3.748	ng	-0.01
42) 2,4,6-Tribromophenol	16.410	330	7110	12.385	ng	0.00
45) 2-Fluorobiphenyl	13.561	172	25210	3.681	ng	-0.01
79) Terphenyl-d14	20.235	244	41071	3.743	ng	-0.02
Target Compounds						
						Qvalue
31) Naphthalene	11.210	128	368372	44.134	ng	99
37) 2-Methylnaphthalene	12.785	142	59318	9.644	ng	99
38) 1-Methylnaphthalene	13.002	142	31812	5.317	ng	96

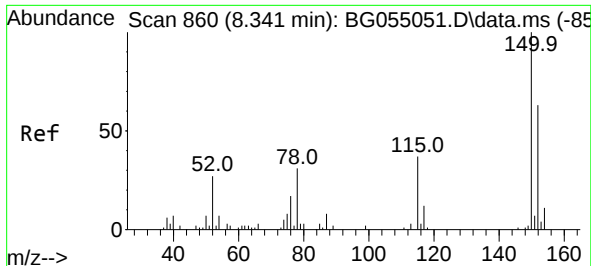
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG055141.D
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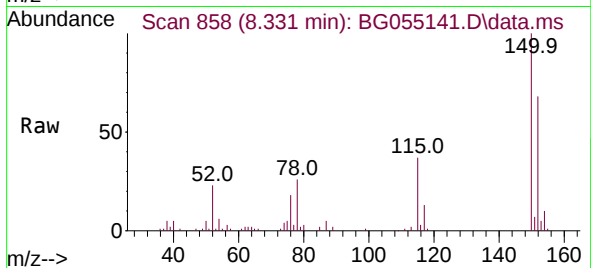
Quant Time: Oct 13 04:50:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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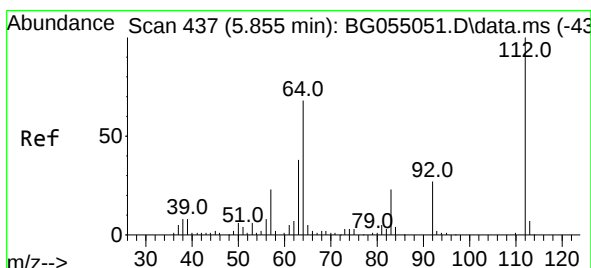
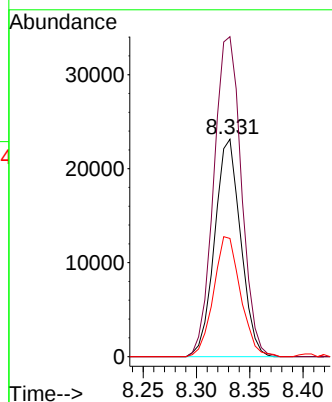
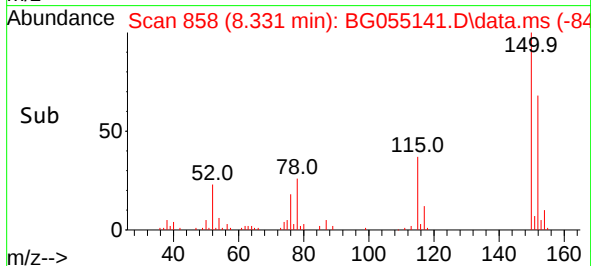


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.331 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG055141.D
Acq: 12 Oct 2022 14:02

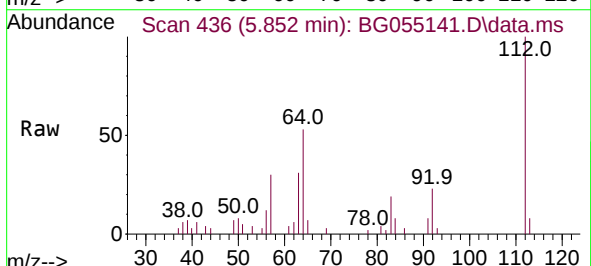
Instrument :
BNA_G
ClientSampleId :
COMP-B-2-VERTDL



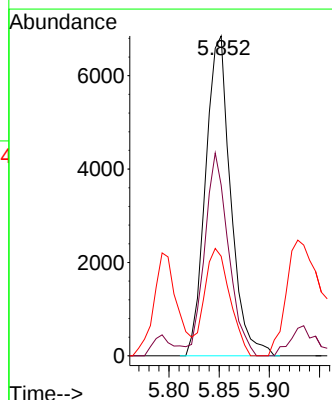
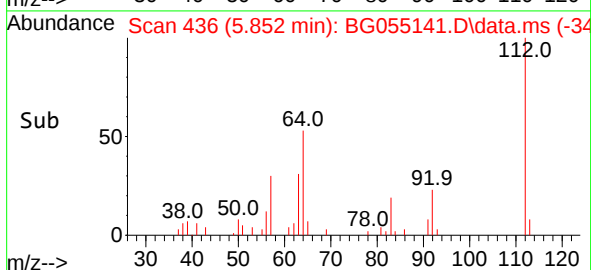
Tgt Ion:152 Resp: 39301
Ion Ratio Lower Upper
152 100
150 147.3 128.0 192.0
115 54.4 47.7 71.5

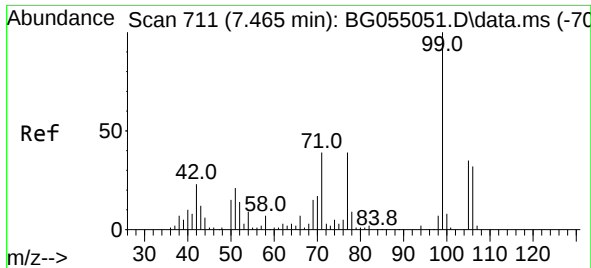


#5
2-Fluorophenol
Concen: 6.733 ng
RT: 5.852 min Scan# 436
Delta R.T. -0.000 min
Lab File: BG055141.D
Acq: 12 Oct 2022 14:02



Tgt Ion:112 Resp: 11914
Ion Ratio Lower Upper
112 100
64 53.4 54.5 81.7#
63 31.1 30.5 45.7

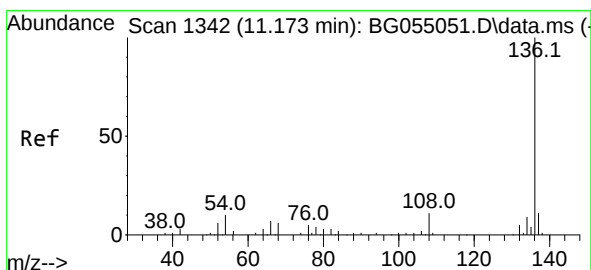
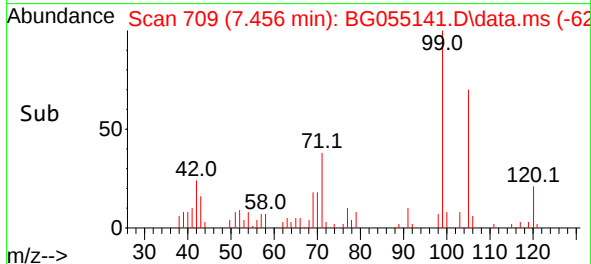
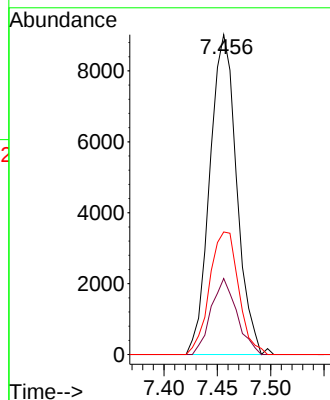
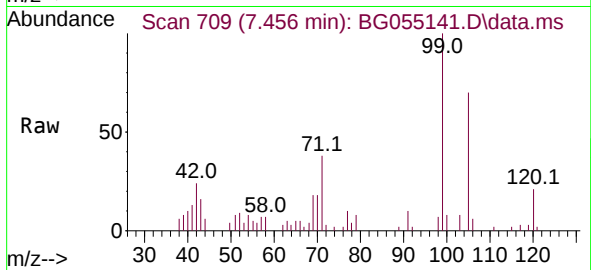




#7
Phenol-d6
Concen: 5.971 ng
RT: 7.456 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG055141.D
Acq: 12 Oct 2022 14:02

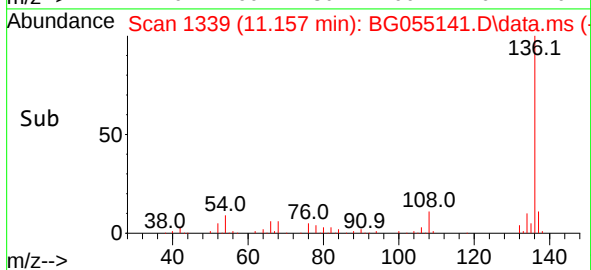
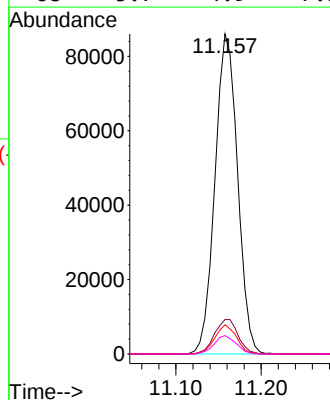
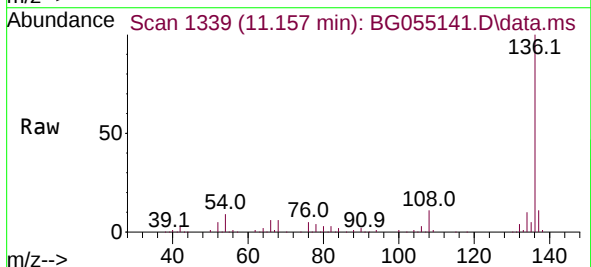
Instrument :
BNA_G
ClientSampleId :
COMP-B-2-VERTDL

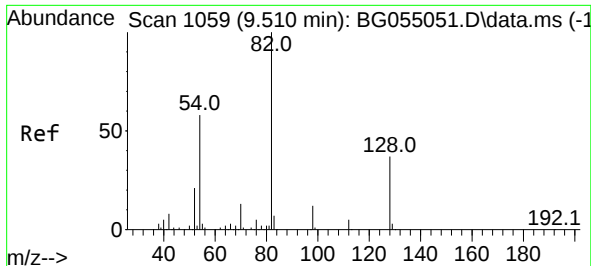
Tgt Ion: 99	Resp: 15831
Ion Ratio	Lower Upper
99 100	
42 23.8	18.6 28.0
71 38.3	31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.157 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BG055141.D
Acq: 12 Oct 2022 14:02

Tgt	Ion:136	Resp:	158145
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.1	8.2	12.4
68	5.7	4.9	7.3





#23

Nitrobenzene-d5

Concen: 3.748 ng

RT: 9.495 min Scan# 1056

Delta R.T. -0.012 min

Lab File: BG055141.D

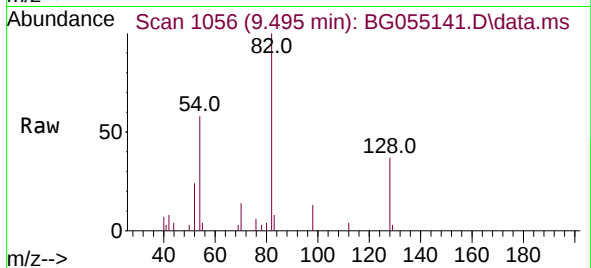
Acq: 12 Oct 2022 14:02

Instrument :

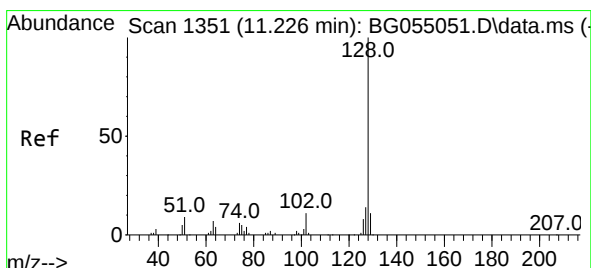
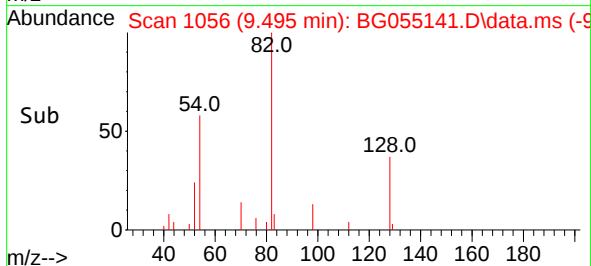
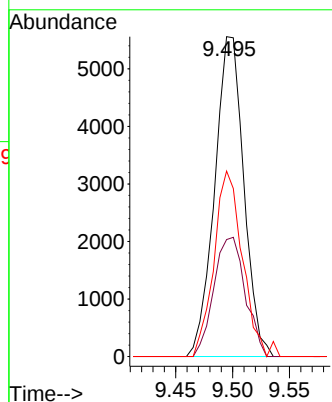
BNA_G

ClientSampleId :

COMP-B-2-VERTDL



Tgt Ion:	82	Resp:	9920
Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.5	44.3
54	58.0	46.7	70.1



#31

Naphthalene

Concen: 44.134 ng

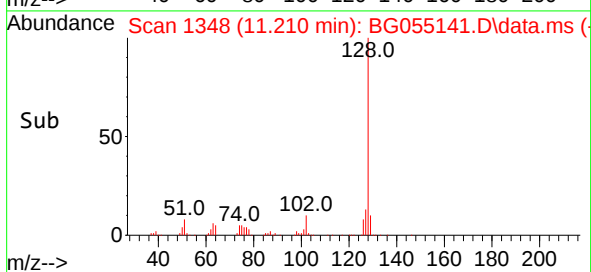
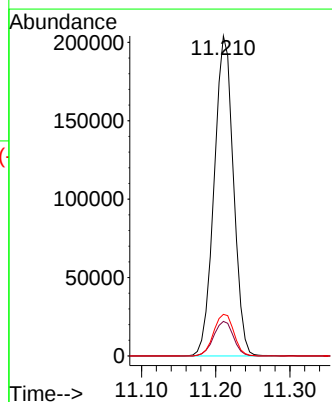
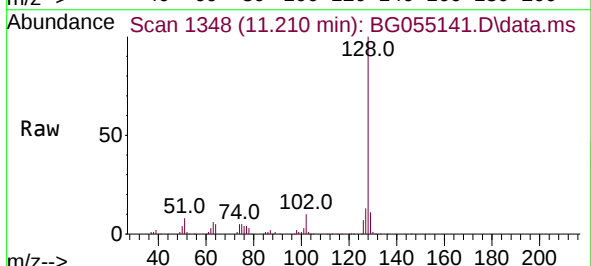
RT: 11.210 min Scan# 1348

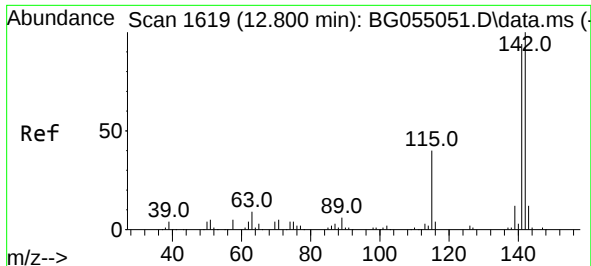
Delta R.T. -0.006 min

Lab File: BG055141.D

Acq: 12 Oct 2022 14:02

Tgt Ion:	128	Resp:	368372
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.0	10.9	16.3





#37

2-Methylnaphthalene

Concen: 9.644 ng

RT: 12.785 min Scan# 1616

Delta R.T. -0.012 min

Lab File: BG055141.D

Acq: 12 Oct 2022 14:02

Instrument :

BNA_G

ClientSampleId :

COMP-B-2-VERTDL

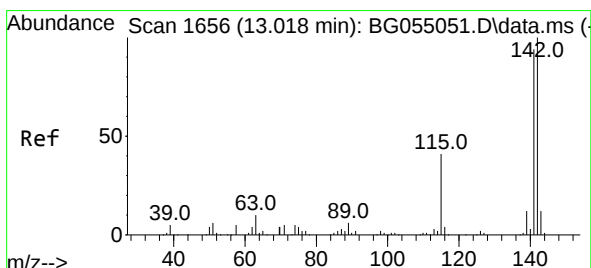
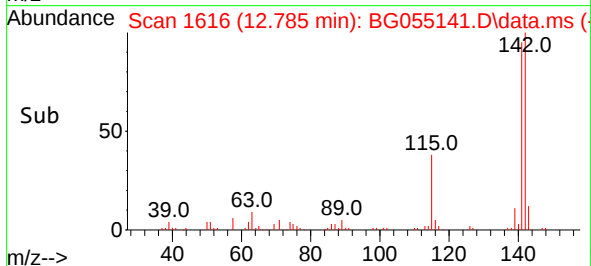
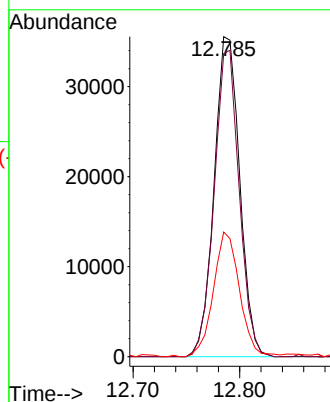
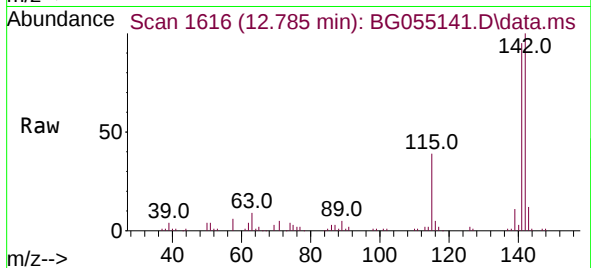
Tgt Ion:142 Resp: 59318

Ion Ratio Lower Upper

142 100

141 94.7 75.0 112.4

115 38.9 31.7 47.5



#38

1-Methylnaphthalene

Concen: 5.317 ng

RT: 13.002 min Scan# 1653

Delta R.T. -0.012 min

Lab File: BG055141.D

Acq: 12 Oct 2022 14:02

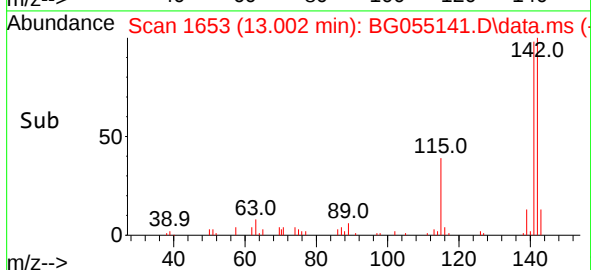
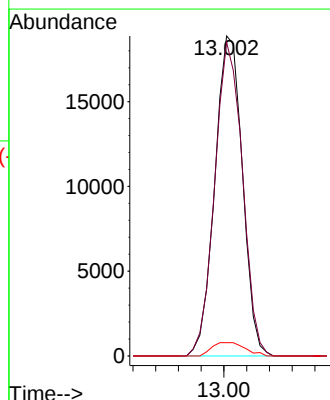
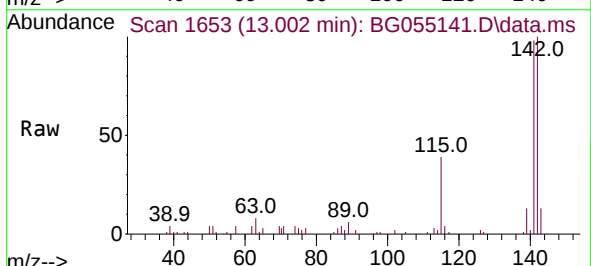
Tgt Ion:142 Resp: 31812

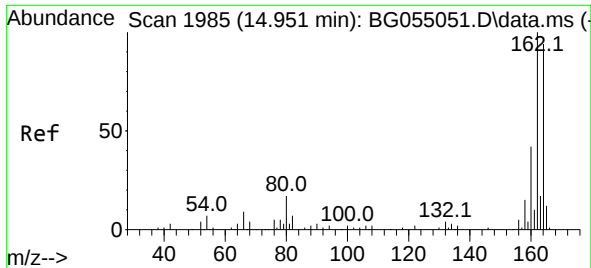
Ion Ratio Lower Upper

142 100

141 98.0 75.5 113.3

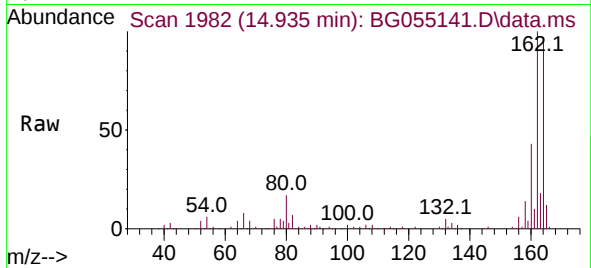
116 4.1 3.4 5.2



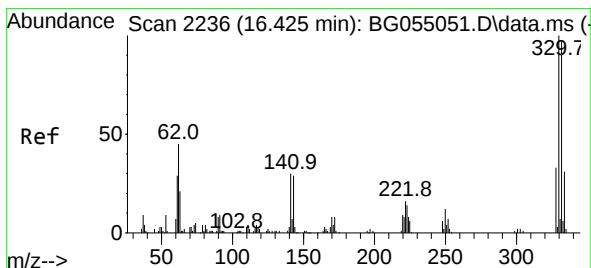
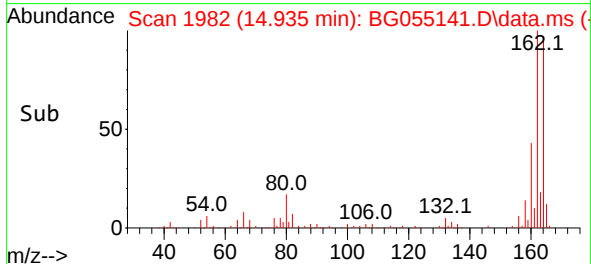
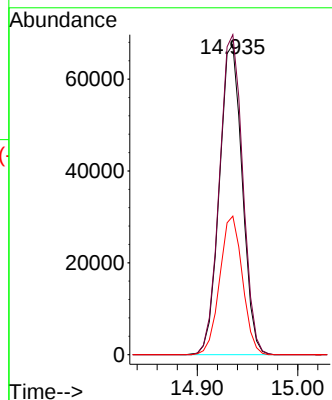


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.935 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BG055141.D
Acq: 12 Oct 2022 14:02

Instrument :
BNA_G
ClientSampleId :
COMP-B-2-VERTDL

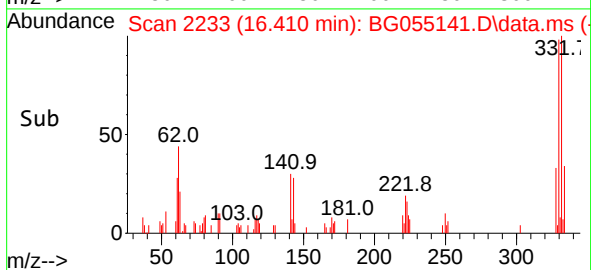
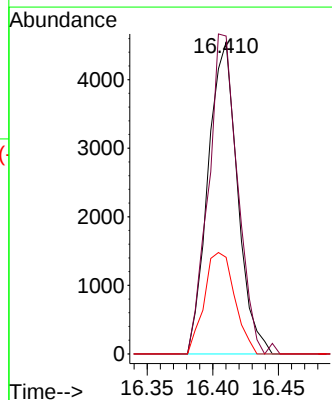
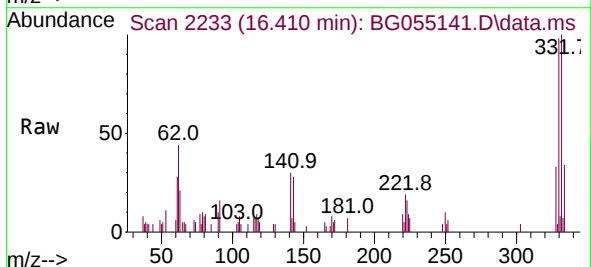


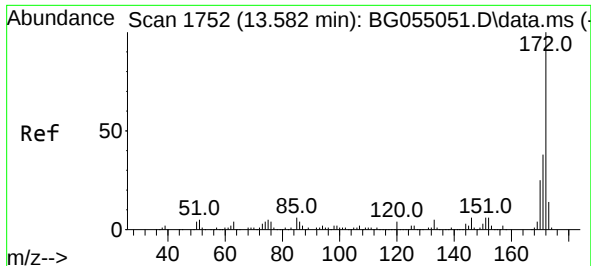
Tgt Ion:164 Resp: 106913
Ion Ratio Lower Upper
164 100
162 103.2 85.5 128.3
160 44.7 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 12.385 ng
RT: 16.410 min Scan# 2233
Delta R.T. -0.006 min
Lab File: BG055141.D
Acq: 12 Oct 2022 14:02

Tgt Ion:330 Resp: 7110
Ion Ratio Lower Upper
330 100
332 101.7 77.4 116.0
141 33.5 25.0 37.4

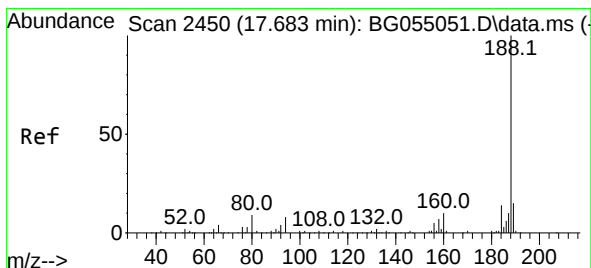
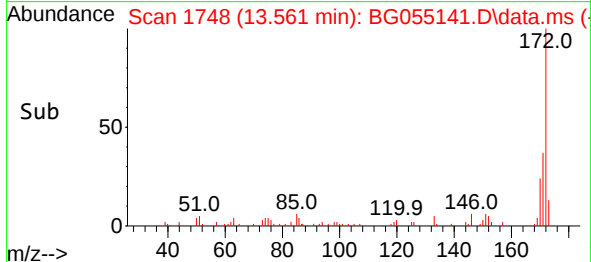
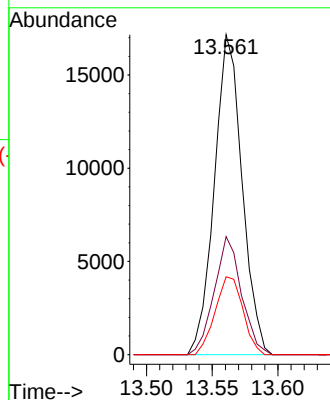
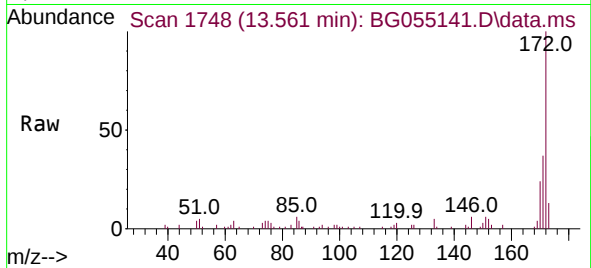




#45
2-Fluorobiphenyl
Concen: 3.681 ng
RT: 13.561 min Scan# 1752
Delta R.T. -0.012 min
Lab File: BG055141.D
Acq: 12 Oct 2022 14:02

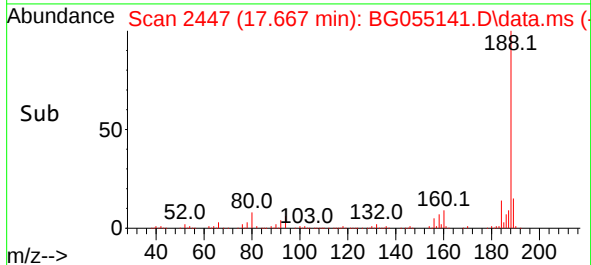
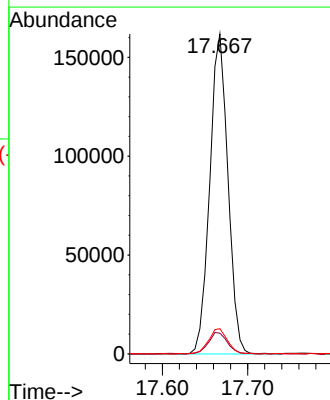
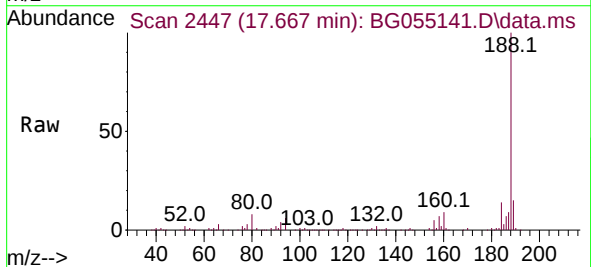
Instrument :
BNA_G
ClientSampleId :
COMP-B-2-VERTDL

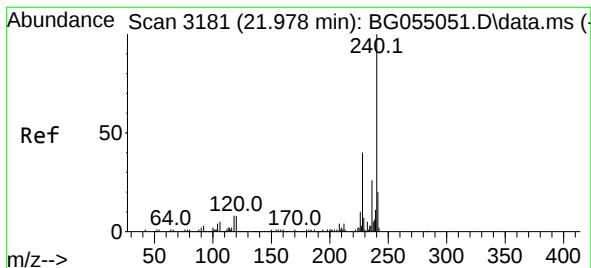
Tgt Ion:172 Resp: 25210
Ion Ratio Lower Upper
172 100
171 36.9 30.1 45.1
170 24.3 20.0 30.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.667 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BG055141.D
Acq: 12 Oct 2022 14:02

Tgt Ion:188 Resp: 239221
Ion Ratio Lower Upper
188 100
94 6.5 6.2 9.2
80 7.9 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.957 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG055141.D

Acq: 12 Oct 2022 14:02

Instrument :

BNA_G

ClientSampleId :

COMP-B-2-VERTDL

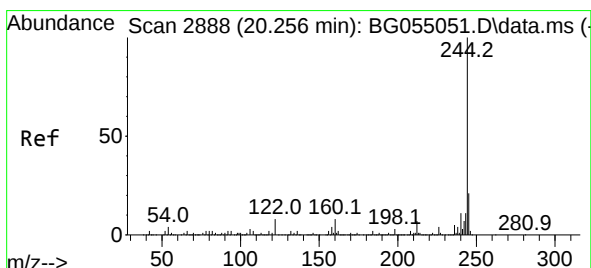
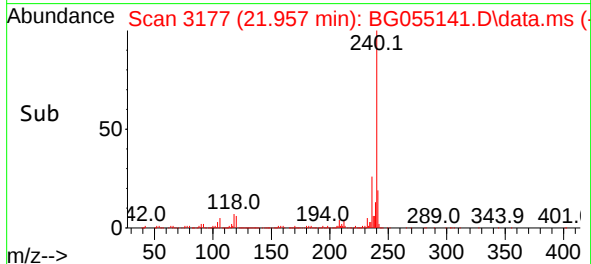
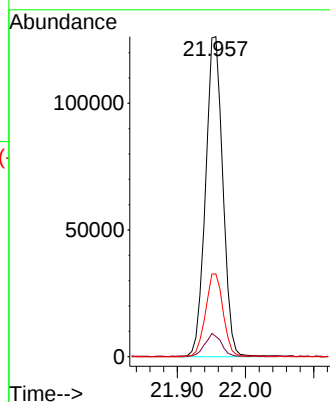
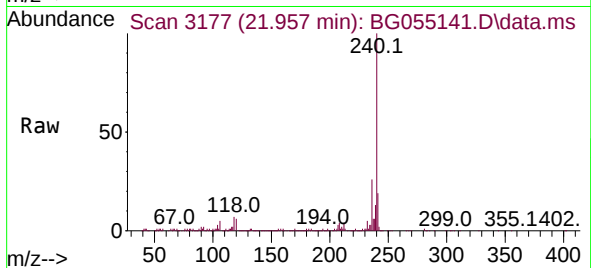
Tgt Ion:240 Resp: 221799

Ion Ratio Lower Upper

240 100

120 6.3 6.2 9.4

236 25.8 20.6 30.8



#79

Terphenyl-d14

Concen: 3.743 ng

RT: 20.235 min Scan# 2884

Delta R.T. -0.018 min

Lab File: BG055141.D

Acq: 12 Oct 2022 14:02

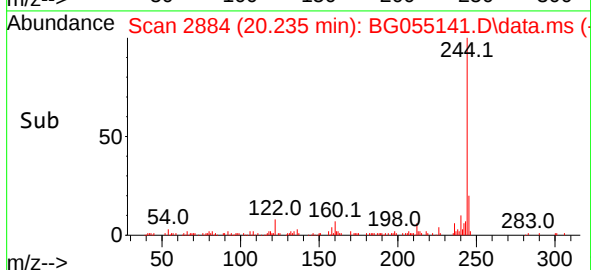
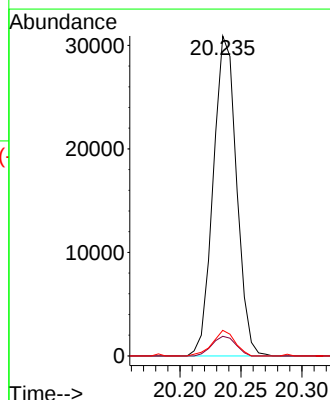
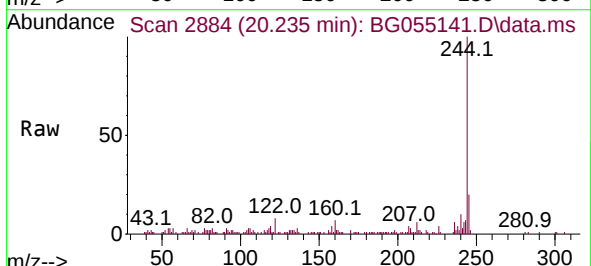
Tgt Ion:244 Resp: 41071

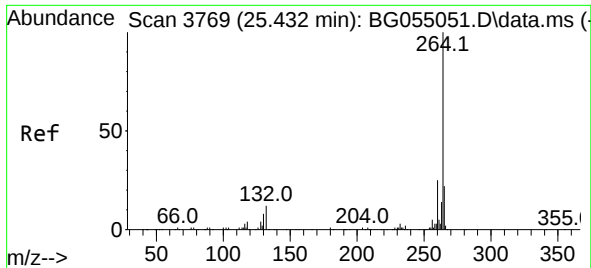
Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

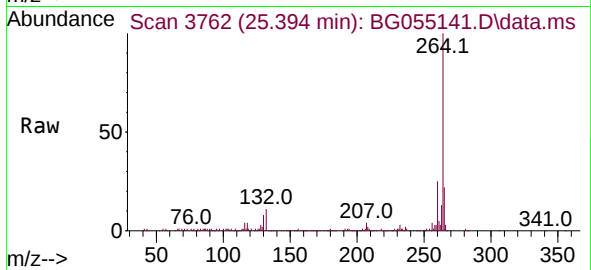
122 8.0 6.6 10.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.394 min Scan# 31
Delta R.T. -0.024 min
Lab File: BG055141.D
Acq: 12 Oct 2022 14:02

Instrument :
BNA_G
ClientSampleId :
COMP-B-2-VERTDL



Tgt Ion:264 Resp: 236771

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.7	17.8	26.6

