

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055331.D
 Acq On : 27 Oct 2022 20:05
 Operator : CG/JU
 Sample : N5256-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-F2-COMP

Quant Time: Oct 28 05:35:06 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)

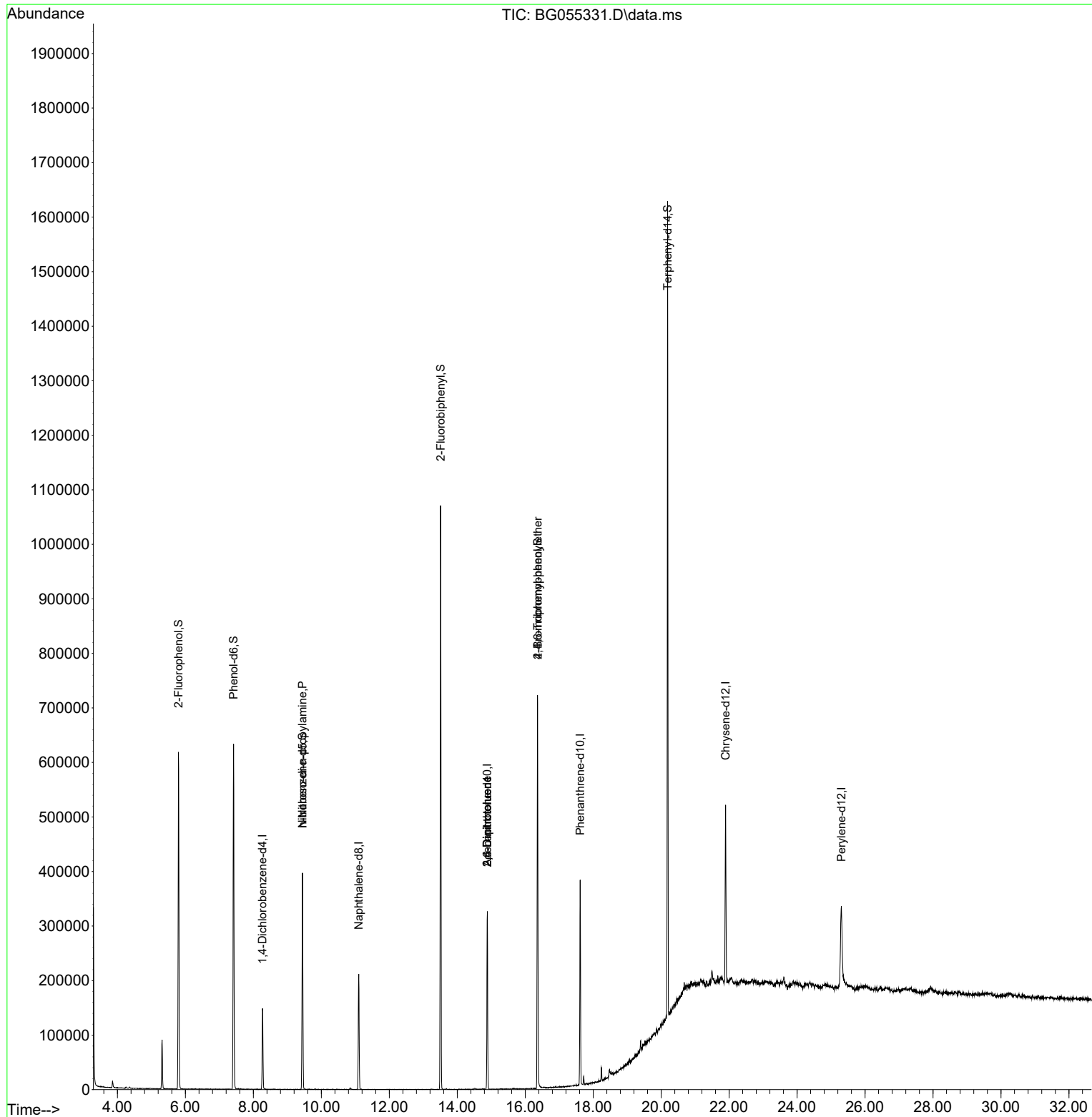
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	43567	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	187669	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	114379	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	228837	20.000	ng	0.00
76) Chrysene-d12	21.896	240	205808	20.000	ng	0.00
86) Perylene-d12	25.303	264	202931	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	289735	116.445	ng	0.00
7) Phenol-d6	7.418	99	390136	108.228	ng	0.00
23) Nitrobenzene-d5	9.445	82	252590	68.728	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	149943	120.591	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	547457	78.341	ng	0.00
79) Terphenyl-d14	20.192	244	726555	73.348	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.445	70	33498	11.190	ng	Qvalue # 78
51) 2,6-Dinitrotoluene	14.886	165	15084	8.254	ng	# 19
57) 2,4-Dinitrotoluene	14.886	165	15084	5.688	ng	# 18
67) 4-Bromophenyl-phenylether	16.367	248	9674	4.351	ng	# 1

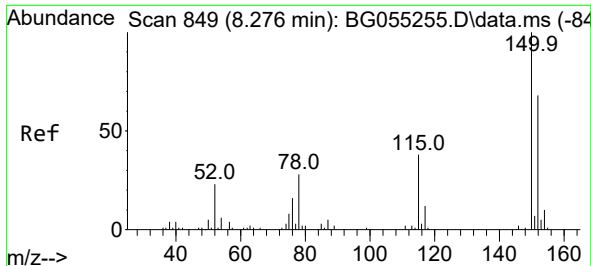
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
Data File : BG055331.D
Acq On : 27 Oct 2022 20:05
Operator : CG/JU
Sample : N5256-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-F2-COMP

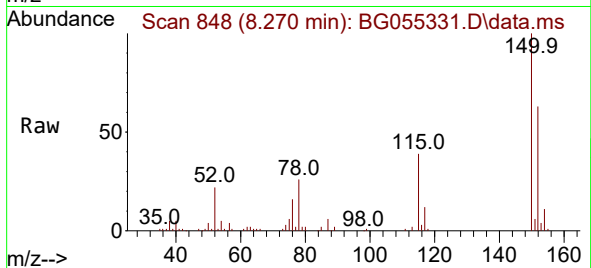
Quant Time: Oct 28 05:35:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration



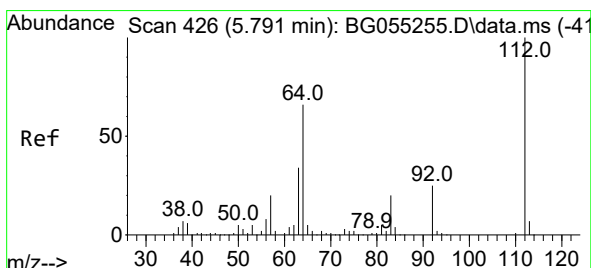
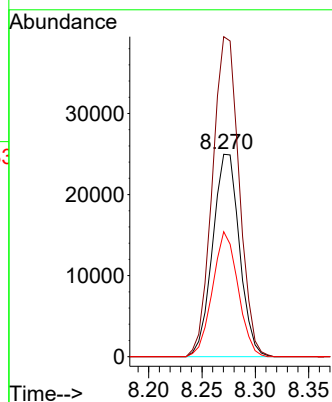
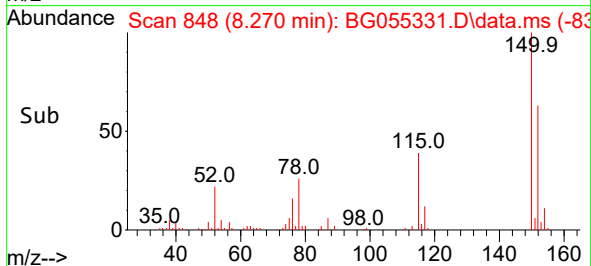


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055331.D
Acq: 27 Oct 2022 20:05

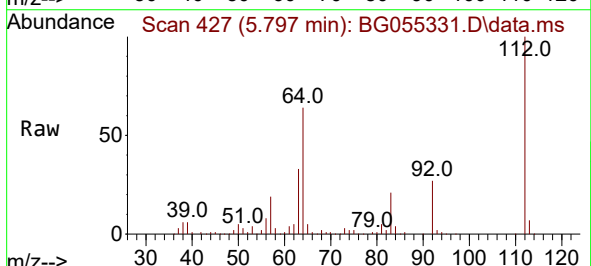
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMP



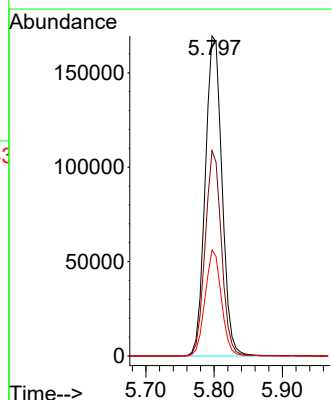
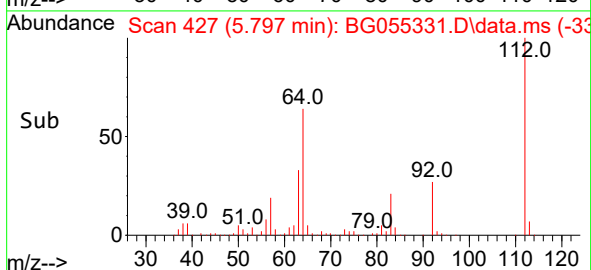
Tgt Ion:152 Resp: 43567
Ion Ratio Lower Upper
152 100
150 158.1 118.2 177.4
115 61.7 44.5 66.7



#5
2-Fluorophenol
Concen: 116.445 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055331.D
Acq: 27 Oct 2022 20:05



Tgt Ion:112 Resp: 289735
Ion Ratio Lower Upper
112 100
64 64.2 52.6 78.8
63 33.2 27.1 40.7

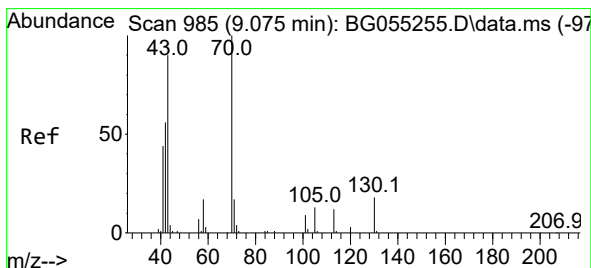
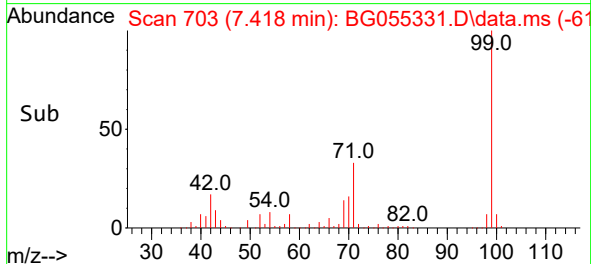
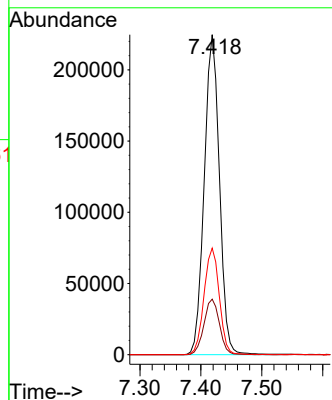
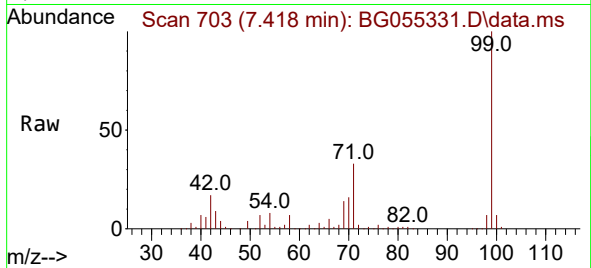




#7
Phenol-d6
Concen: 108.228 ng
RT: 7.418 min Scan# 702
Delta R.T. 0.006 min
Lab File: BG055331.D
Acq: 27 Oct 2022 20:05

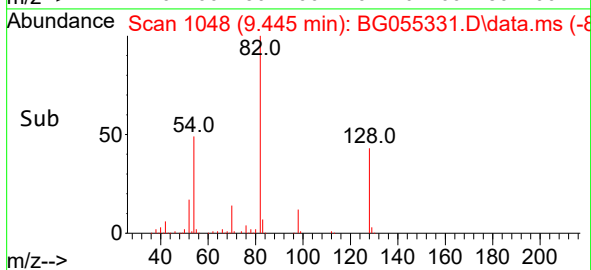
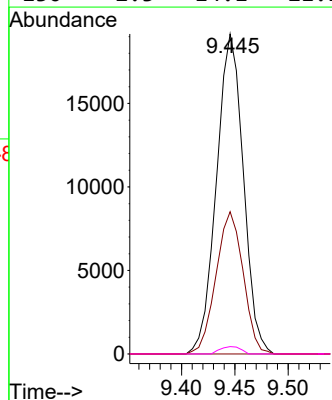
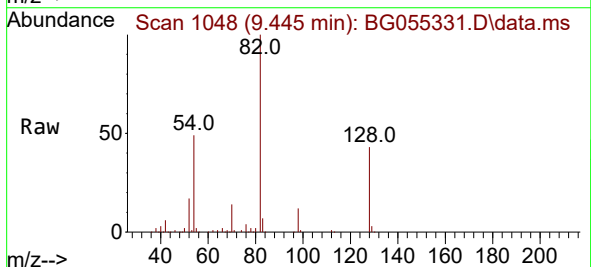
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMP

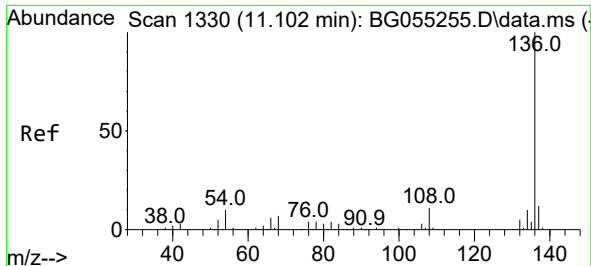
Tgt Ion: 99 Resp: 390136
Ion Ratio Lower Upper
99 100
42 17.4 15.2 22.8
71 33.3 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.190 ng
RT: 9.445 min Scan# 1048
Delta R.T. 0.370 min
Lab File: BG055331.D
Acq: 27 Oct 2022 20:05

Tgt Ion: 70 Resp: 33498
Ion Ratio Lower Upper
70 100
42 44.5 45.8 68.6#
101 0.0 7.4 11.0#
130 2.3 14.1 21.1#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055331.D
Acq: 27 Oct 2022 20:05

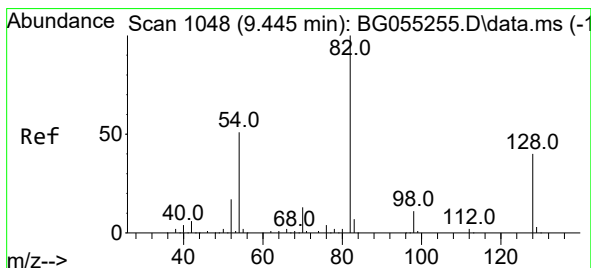
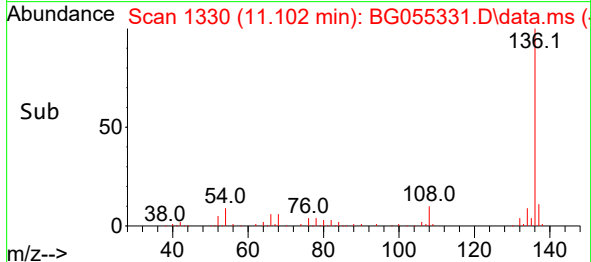
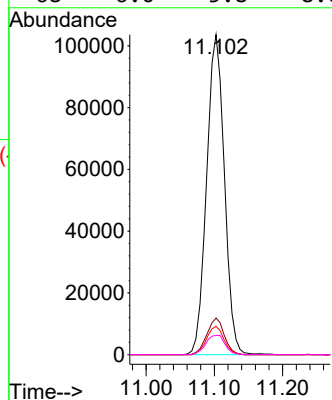
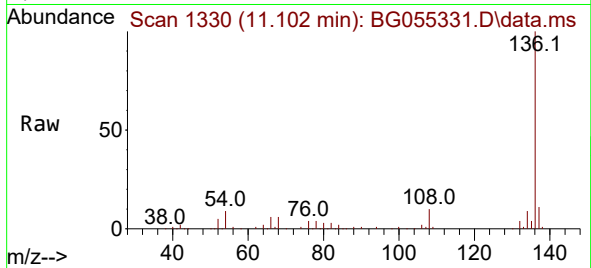
Instrument :

BNA_G

ClientSampleId :

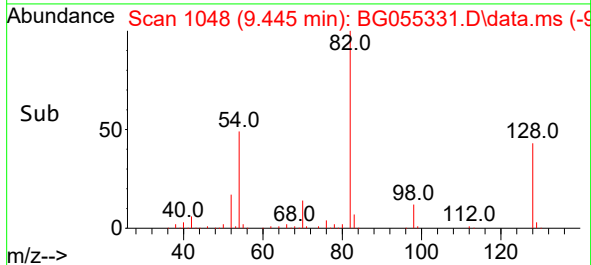
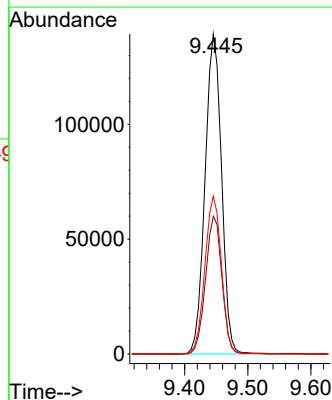
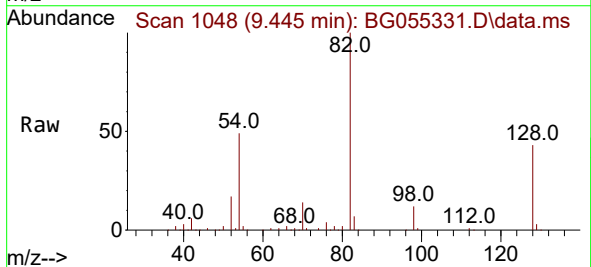
SB-F2-COMP

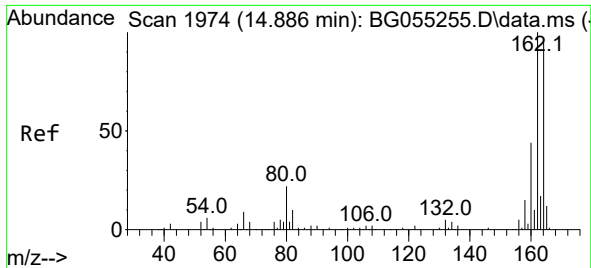
Tgt Ion:136 Resp: 187669
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 8.9 7.8 11.8
68 6.0 5.8 8.6



#23
Nitrobenzene-d5
Concen: 68.728 ng
RT: 9.445 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BG055331.D
Acq: 27 Oct 2022 20:05

Tgt Ion: 82 Resp: 252590
Ion Ratio Lower Upper
82 100
128 43.0 32.0 48.0
54 49.3 40.9 61.3

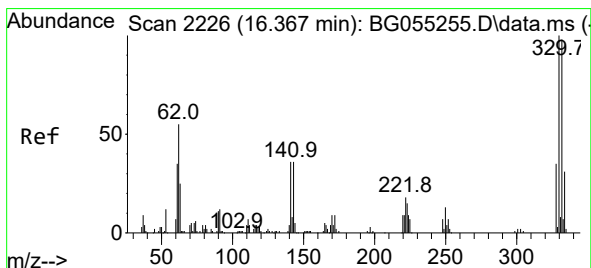
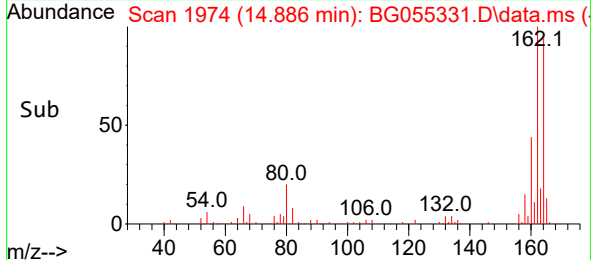
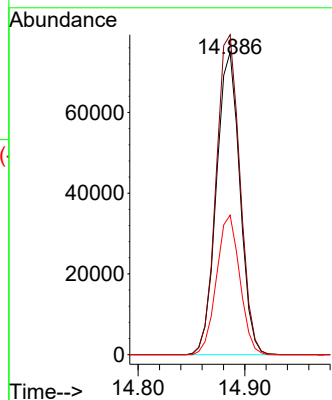
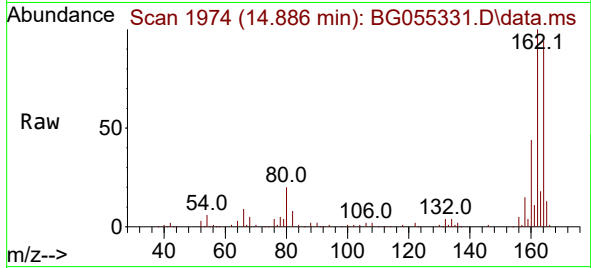




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.886 min Scan# 1974
 Delta R.T. 0.000 min
 Lab File: BG055331.D
 Acq: 27 Oct 2022 20:05

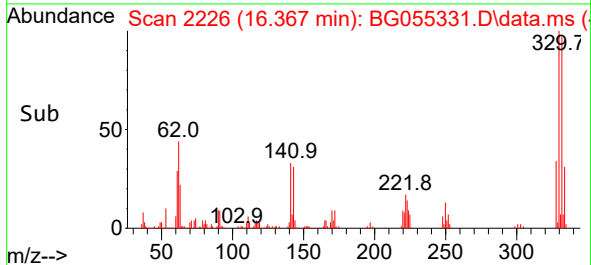
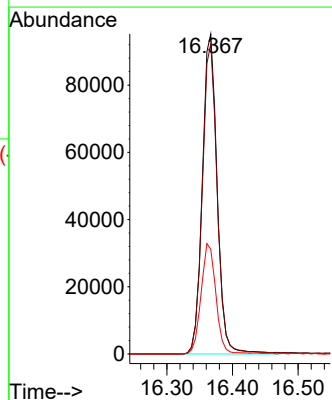
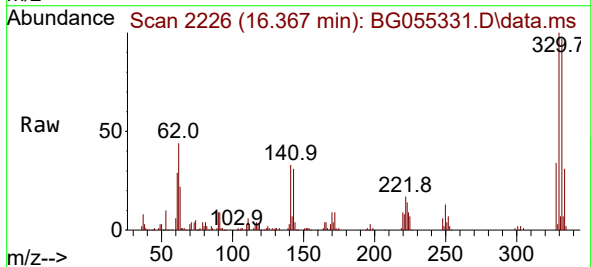
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 ClientSampleId :
 SB-F2-COMP

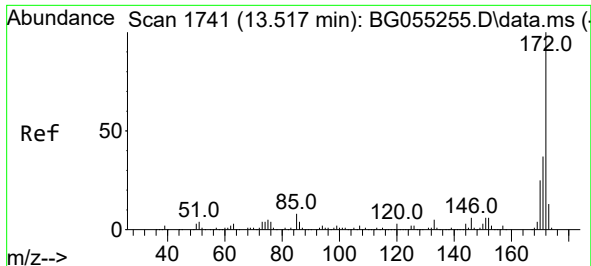
Tgt Ion:164 Resp: 114379
 Ion Ratio Lower Upper
 164 100
 162 105.8 84.0 126.0
 160 46.1 36.7 55.1



#42
 2,4,6-Tribromophenol
 Concen: 120.591 ng
 RT: 16.367 min Scan# 2226
 Delta R.T. 0.000 min
 Lab File: BG055331.D
 Acq: 27 Oct 2022 20:05

Tgt Ion:330 Resp: 149943
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.0
 141 34.3 29.8 44.8

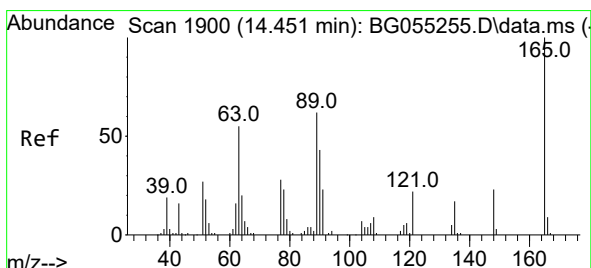
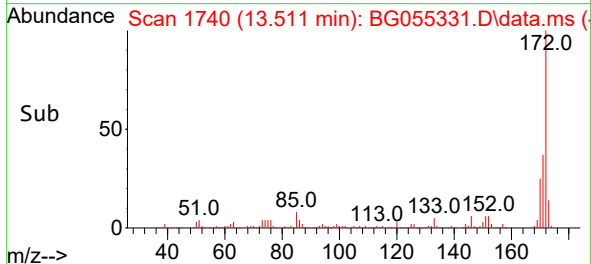
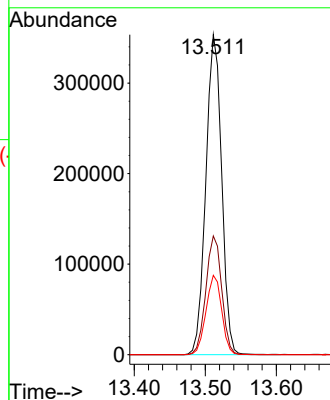
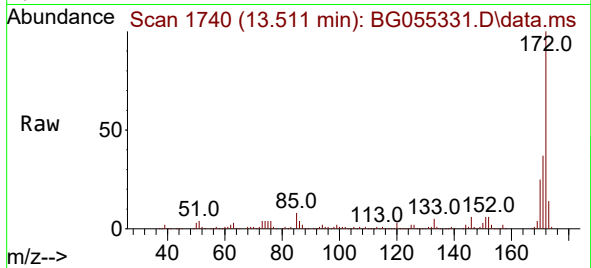




#45
2-Fluorobiphenyl
Concen: 78.341 ng
RT: 13.511 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055331.D
Acq: 27 Oct 2022 20:05

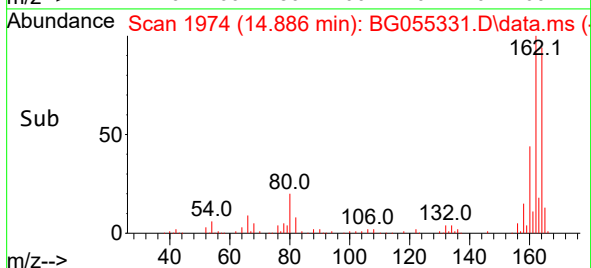
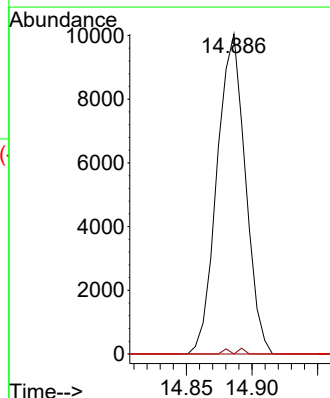
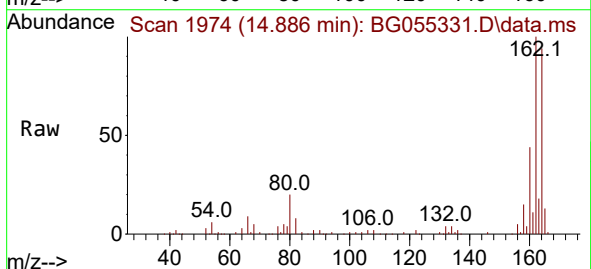
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMP

Tgt Ion:172 Resp: 547457
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.8 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.254 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.435 min
Lab File: BG055331.D
Acq: 27 Oct 2022 20:05

Tgt Ion:165 Resp: 15084
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.688 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.347 min

Lab File: BG055331.D

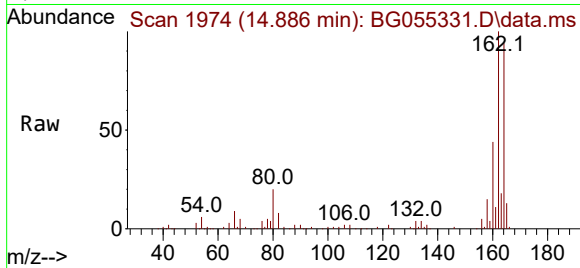
Acq: 27 Oct 2022 20:05

Instrument :

BNA_G

ClientSampleId :

SB-F2-COMP



Tgt Ion:165 Resp: 15084

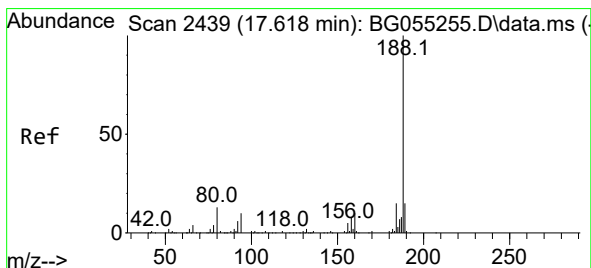
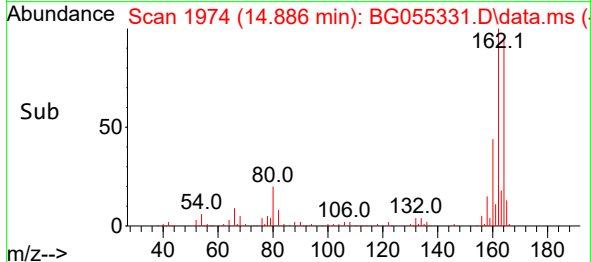
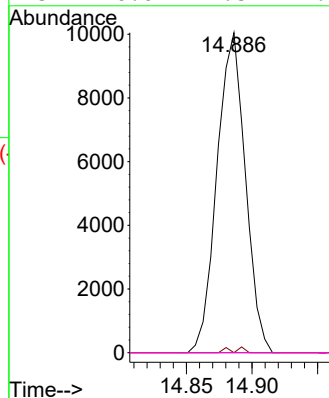
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.618 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BG055331.D

Acq: 27 Oct 2022 20:05

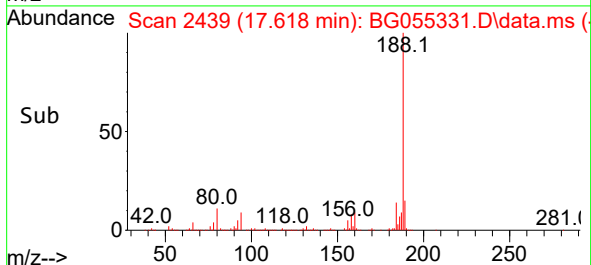
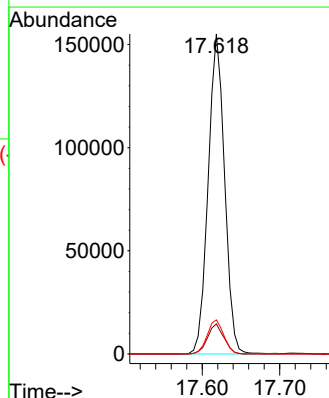
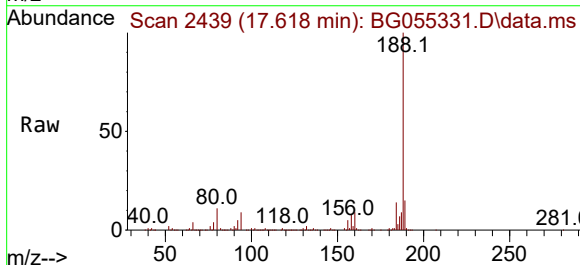
Tgt Ion:188 Resp: 228837

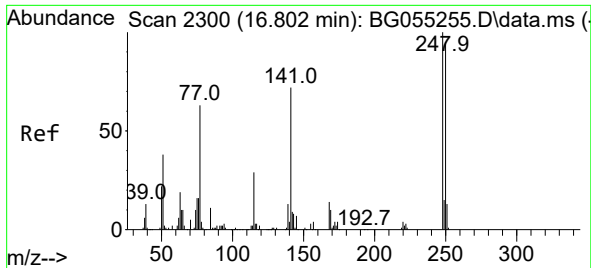
Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.4

80 10.7 10.1 15.1

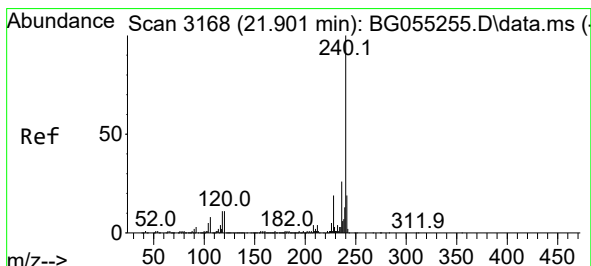
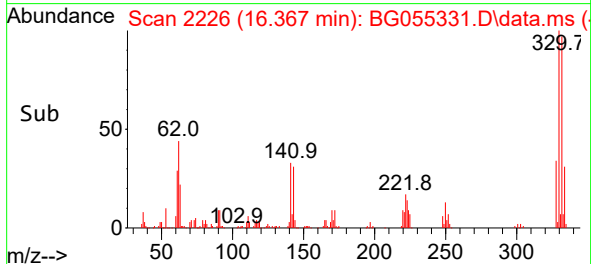
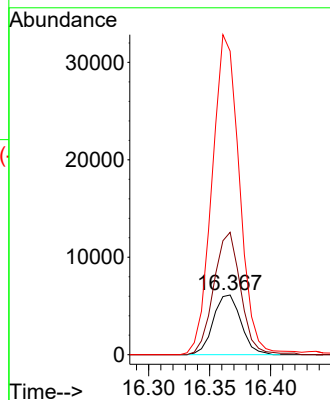
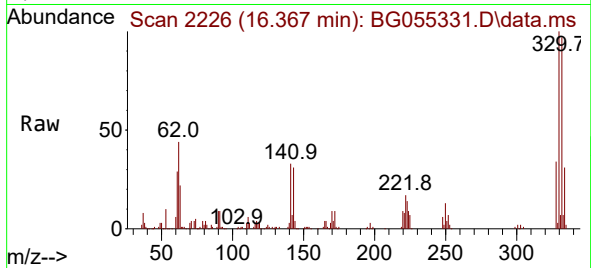




#67
4-Bromophenyl-phenylether
Concen: 4.351 ng
RT: 16.367 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055331.D
Acq: 27 Oct 2022 20:05

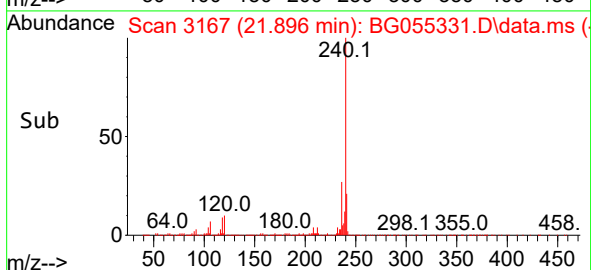
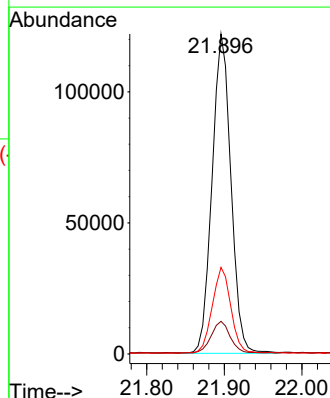
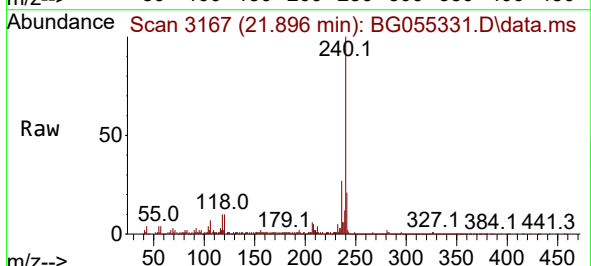
Instrument :
BNA_G
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SB-F2-COMP

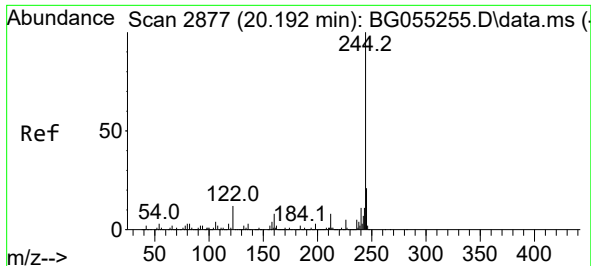
Tgt Ion:248 Resp: 9674
Ion Ratio Lower Upper
248 100
250 205.1 76.0 114.0#
141 508.5 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG055331.D
Acq: 27 Oct 2022 20:05

Tgt Ion:240 Resp: 205808
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 27.0 21.0 31.4

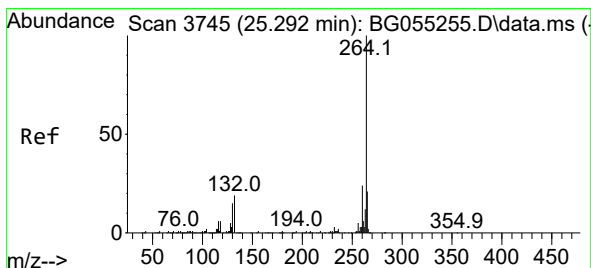
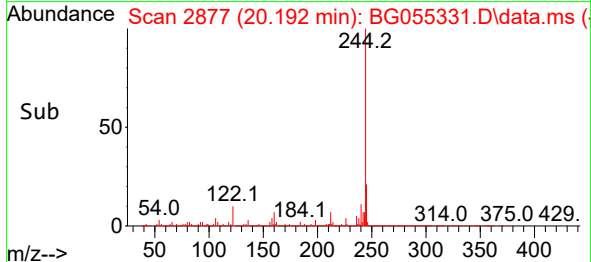
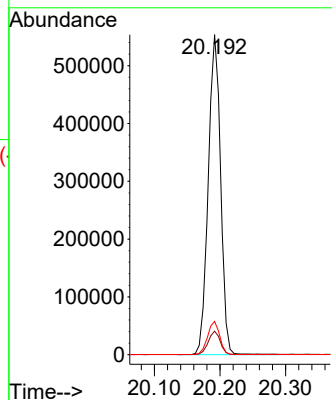
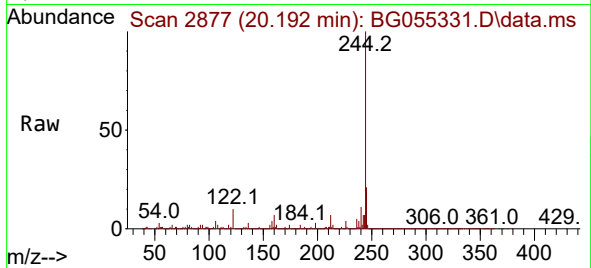




#79
 Terphenyl-d14
 Concen: 73.348 ng
 RT: 20.192 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055331.D
 Acq: 27 Oct 2022 20:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-F2-COMP

Tgt Ion:244 Resp: 726555
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.4 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.303 min Scan# 3747
 Delta R.T. 0.012 min
 Lab File: BG055331.D
 Acq: 27 Oct 2022 20:05

Tgt Ion:264 Resp: 202931
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 22.3 17.4 26.2

