

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055321.D
 Acq On : 27 Oct 2022 13:05
 Operator : CG/JU
 Sample : N5220-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HFI-CON-1020

Quant Time: Oct 27 15:20:43 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)

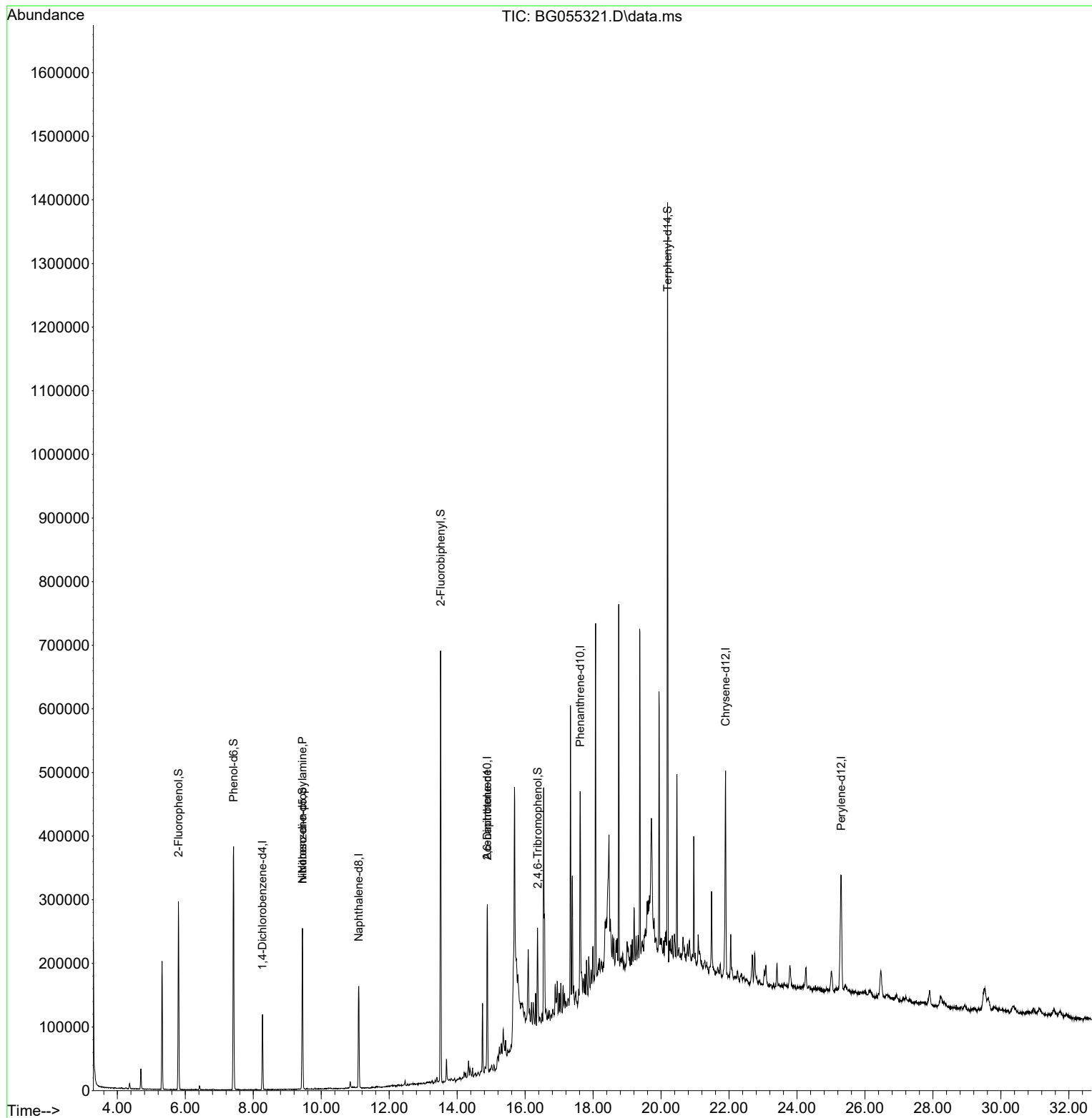
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	34019	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	140740	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	90380	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	193046	20.000	ng	0.00
76) Chrysene-d12	21.896	240	189675	20.000	ng	0.00
86) Perylene-d12	25.298	264	203016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	133797	68.866	ng	0.00
7) Phenol-d6	7.418	99	233986	83.128	ng	0.00
23) Nitrobenzene-d5	9.446	82	156942	56.942	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	32776	33.359	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	357214	64.690	ng	0.00
79) Terphenyl-d14	20.192	244	576358	63.134	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.446	70	21118	9.035	ng	# 81
51) 2,6-Dinitrotoluene	14.886	165	12638	8.752	ng	# 21

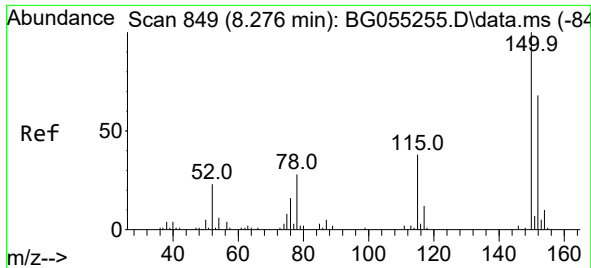
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 27 15:20:43 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

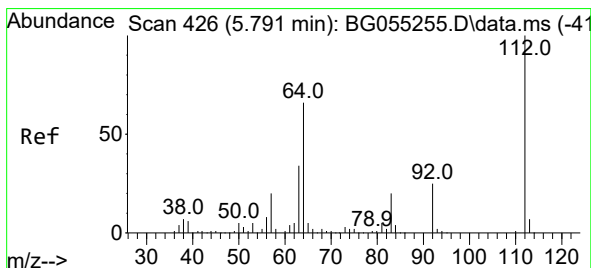
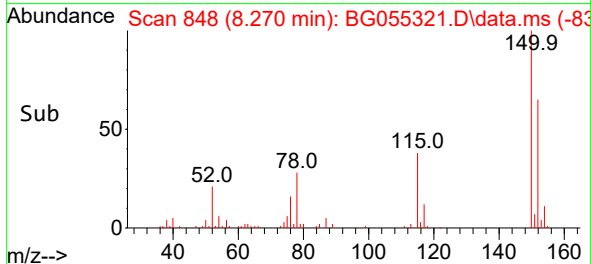
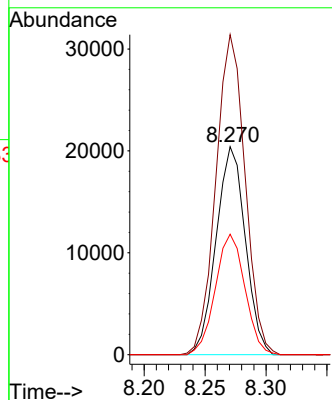
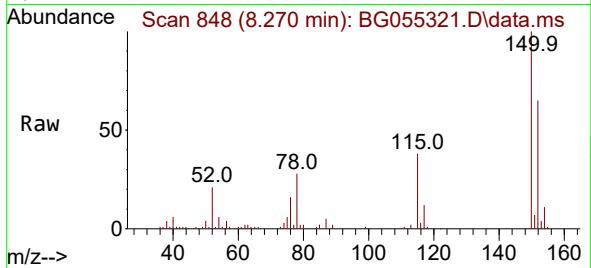




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

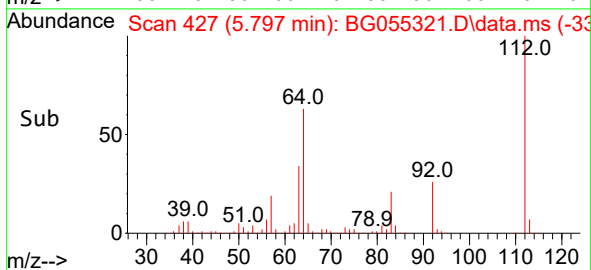
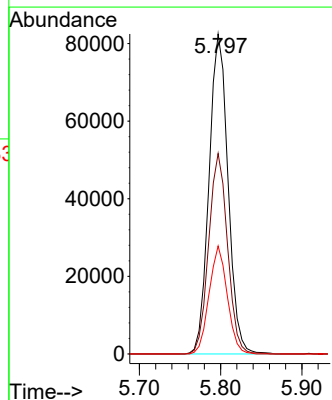
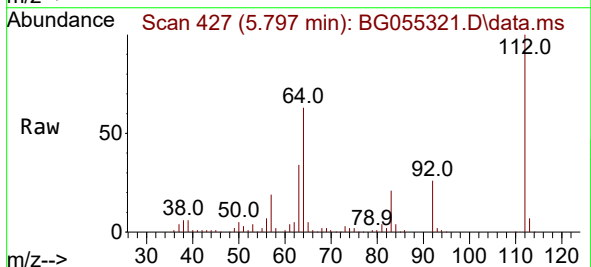
Instrument :
BNA_G
ClientSampleId :
HFI-CON-1020

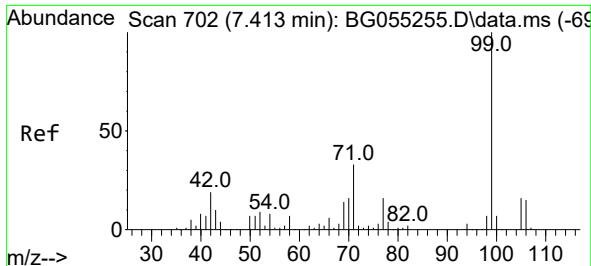
Tgt Ion:152 Resp: 34019
Ion Ratio Lower Upper
152 100
150 153.8 118.2 177.4
115 57.9 44.5 66.7



#5
2-Fluorophenol
Concen: 68.866 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

Tgt Ion:112 Resp: 133797
Ion Ratio Lower Upper
112 100
64 62.7 52.6 78.8
63 33.8 27.1 40.7

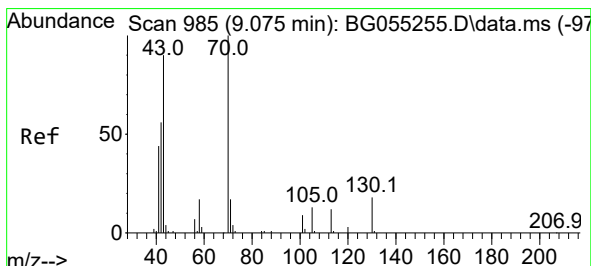
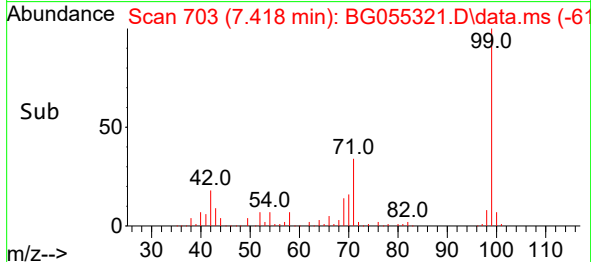
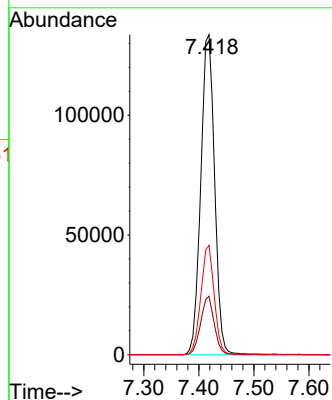
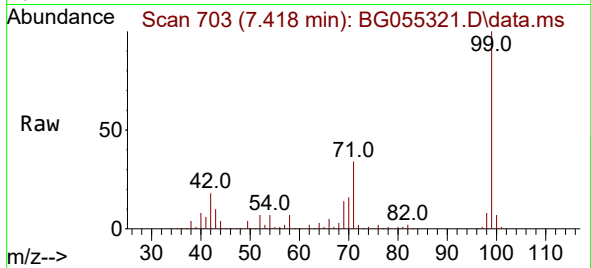




#7
Phenol-d6
Concen: 83.128 ng
RT: 7.418 min Scan# 702
Delta R.T. 0.006 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

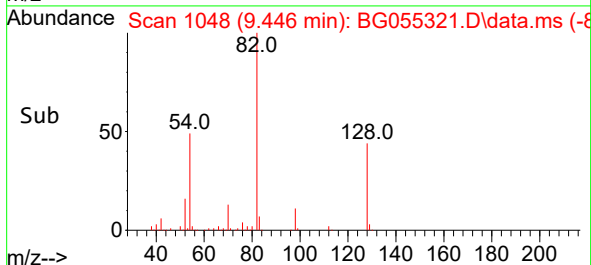
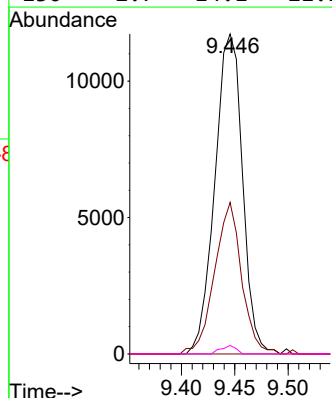
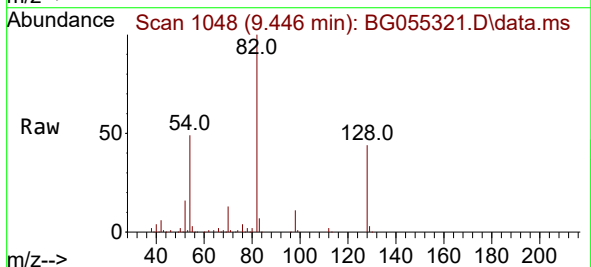
Instrument :
BNA_G
ClientSampleId :
HFI-CON-1020

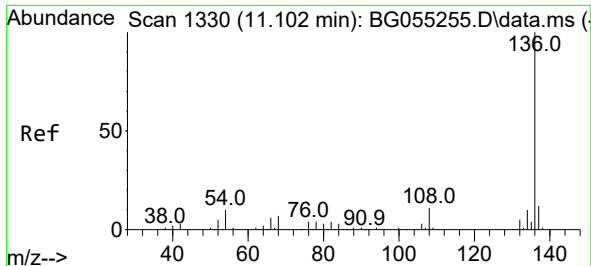
Tgt Ion: 99 Resp: 233986
Ion Ratio Lower Upper
99 100
42 18.3 15.2 22.8
71 34.2 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.035 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.370 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

Tgt Ion: 70 Resp: 21118
Ion Ratio Lower Upper
70 100
42 47.4 45.8 68.6
101 0.0 7.4 11.0#
130 2.7 14.1 21.1#

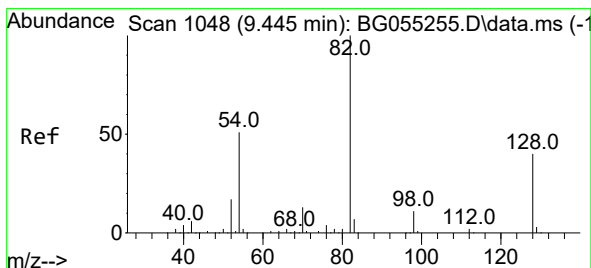
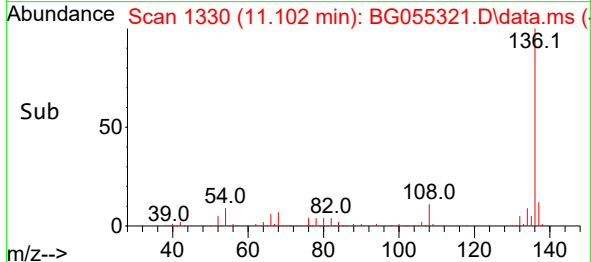
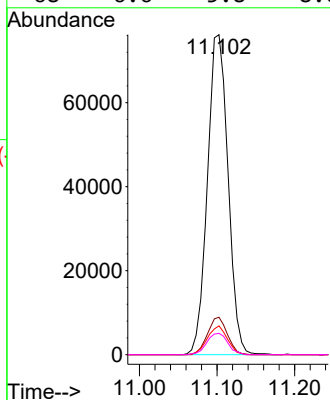
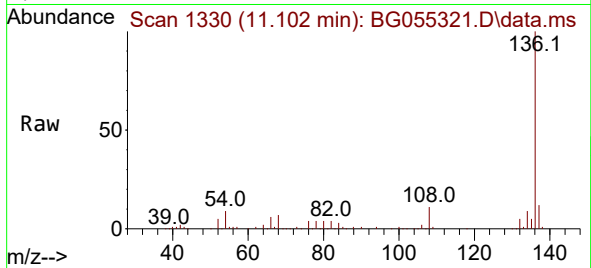




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

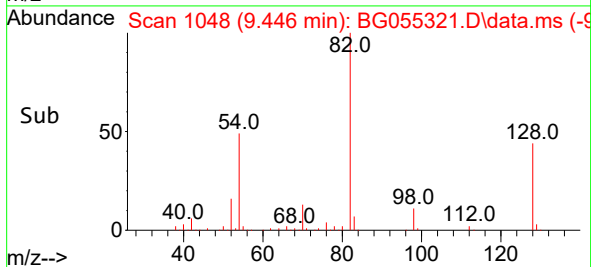
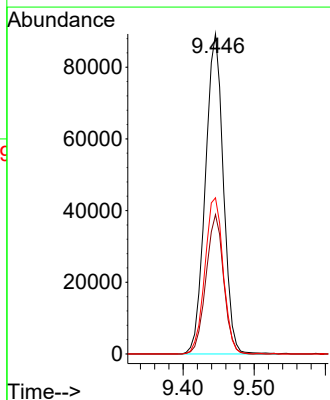
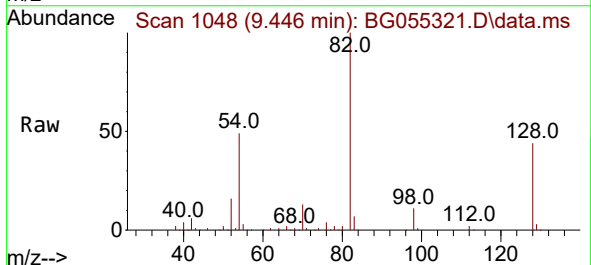
Instrument :
BNA_G
ClientSampleId :
HFI-CON-1020

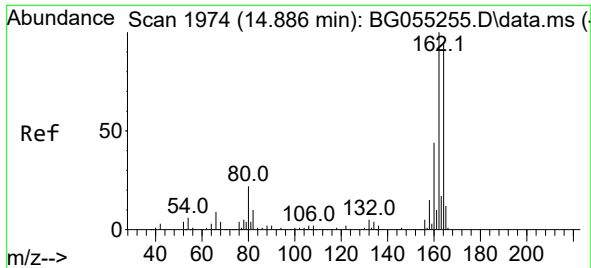
Tgt Ion:	136	Resp:	140740
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.2	13.8
54	9.0	7.8	11.8
68	6.6	5.8	8.6



#23
Nitrobenzene-d5
Concen: 56.942 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

Tgt Ion:	82	Resp:	156942
Ion Ratio	Lower	Upper	
82	100		
128	43.6	32.0	48.0
54	48.8	40.9	61.3

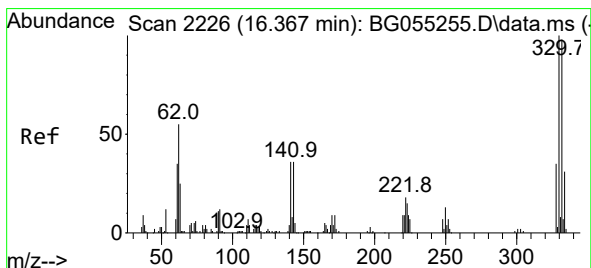
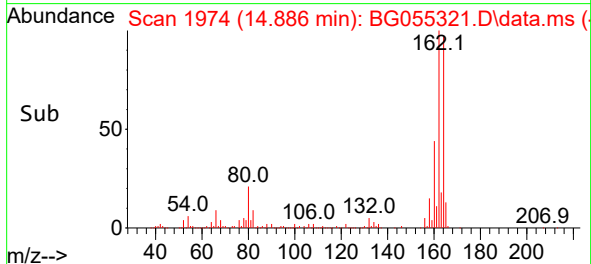
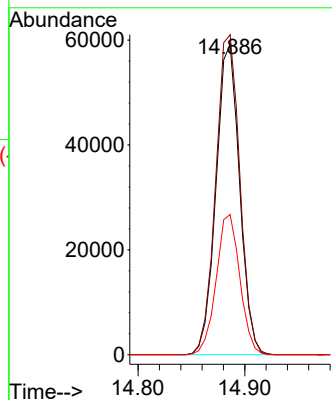
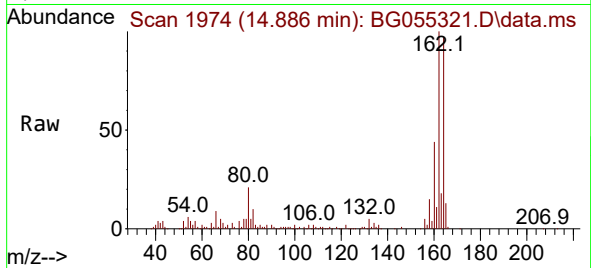




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

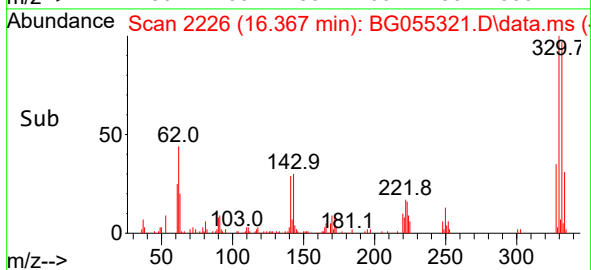
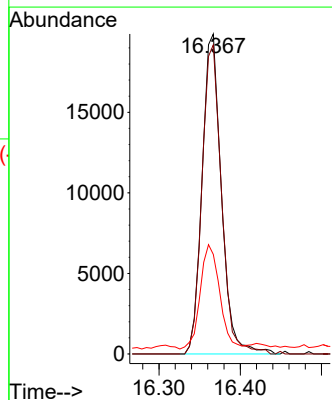
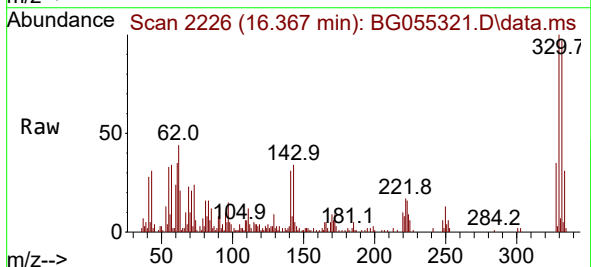
Instrument :
BNA_G
ClientSampleId :
HFI-CON-1020

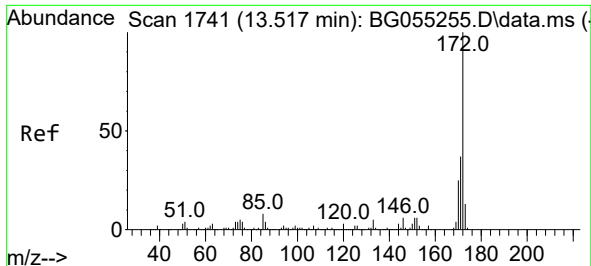
Tgt Ion:164 Resp: 90380
Ion Ratio Lower Upper
164 100
162 103.1 84.0 126.0
160 45.1 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 33.359 ng
RT: 16.367 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

Tgt Ion:330 Resp: 32776
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 32.9 29.8 44.8

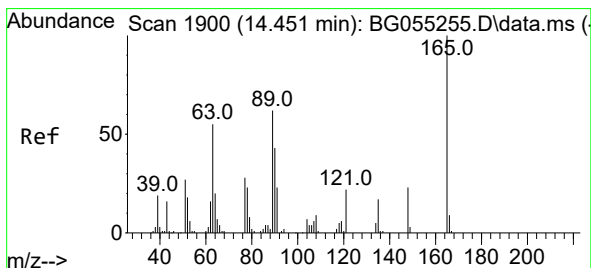
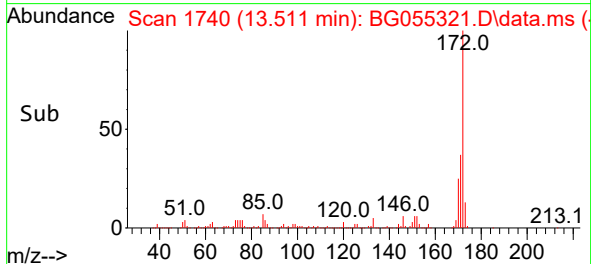
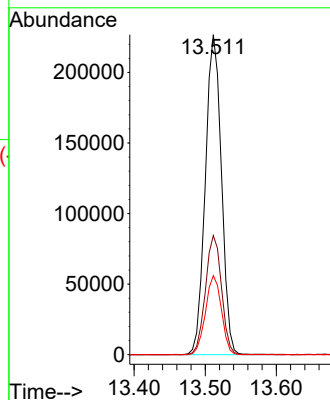
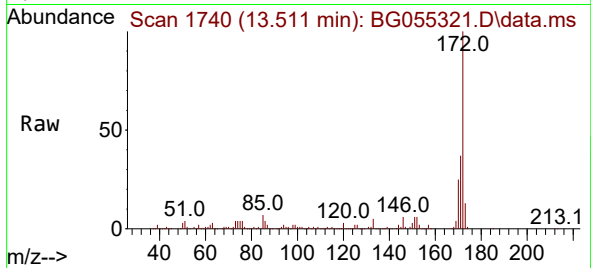




#45
2-Fluorobiphenyl
Concen: 64.690 ng
RT: 13.511 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

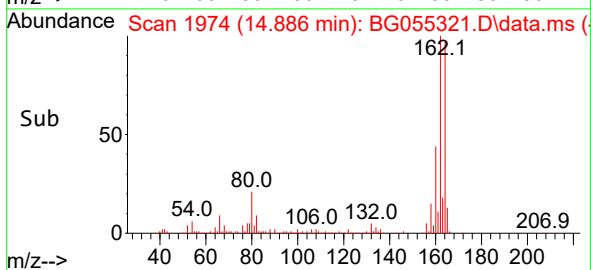
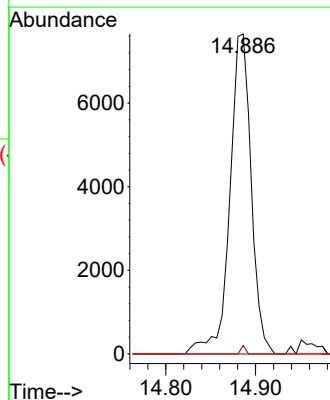
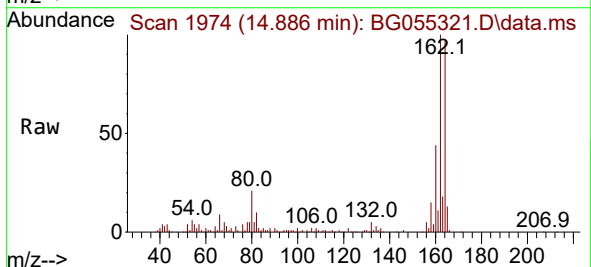
Instrument :
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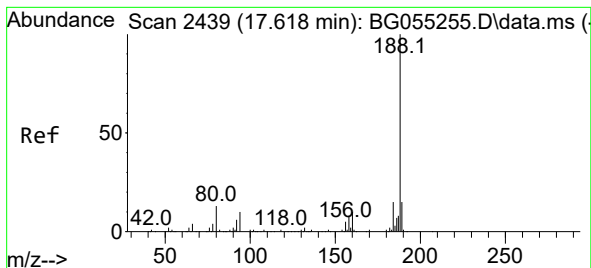
Tgt Ion:172 Resp: 357214
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.7 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.752 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.435 min
Lab File: BG055321.D
Acq: 27 Oct 2022 13:05

Tgt Ion:165 Resp: 12638
Ion Ratio Lower Upper
165 100
63 2.7 49.2 73.8#
89 0.0 49.9 74.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.618 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BG055321.D

Acq: 27 Oct 2022 13:05

Instrument :

BNA_G

ClientSampleId :

HFI-CON-1020

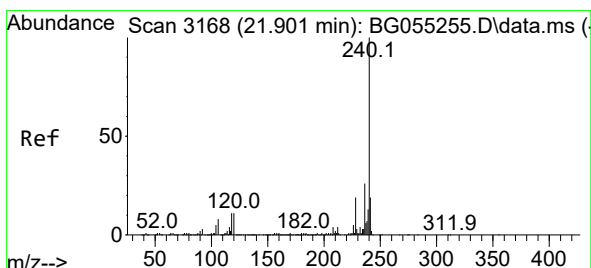
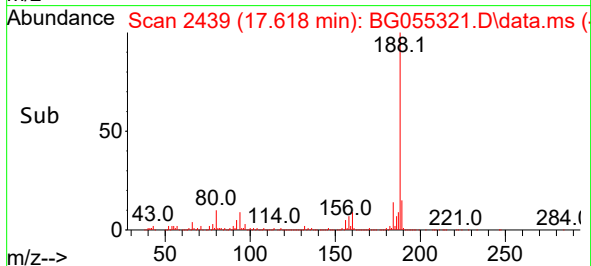
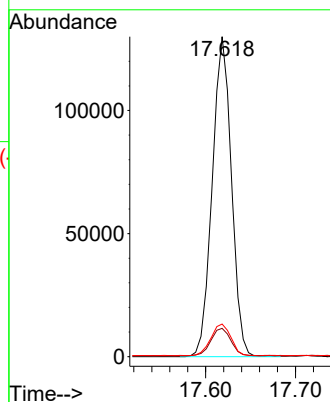
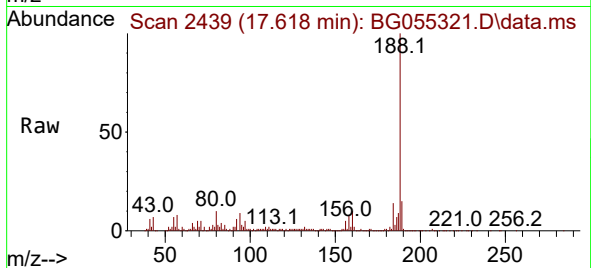
Tgt Ion:188 Resp: 193046

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

80 10.2 10.1 15.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.896 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BG055321.D

Acq: 27 Oct 2022 13:05

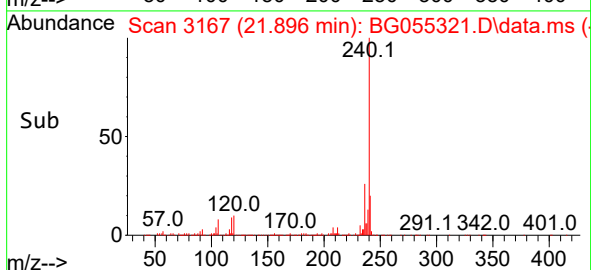
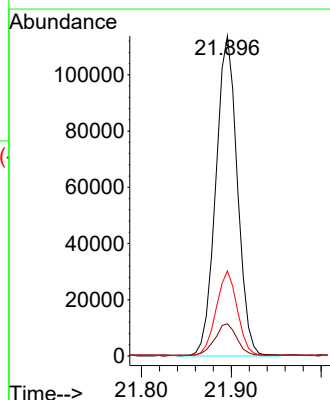
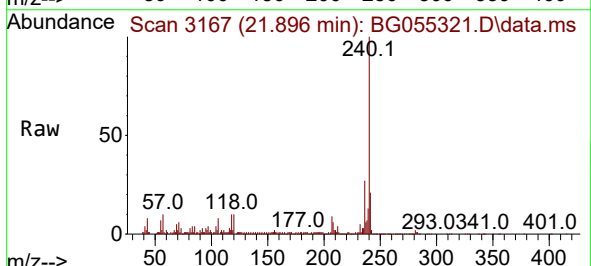
Tgt Ion:240 Resp: 189675

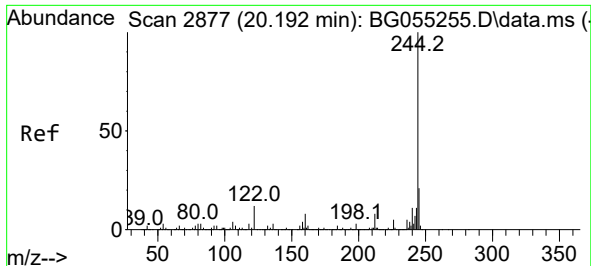
Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

236 26.6 21.0 31.4

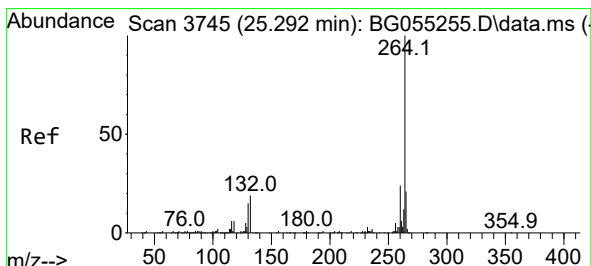
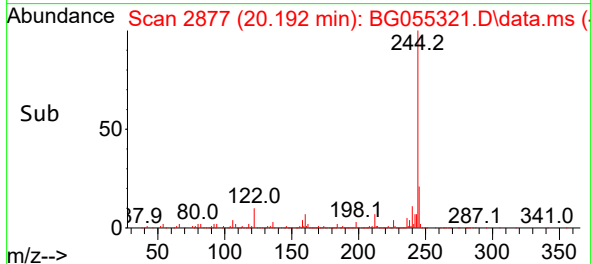
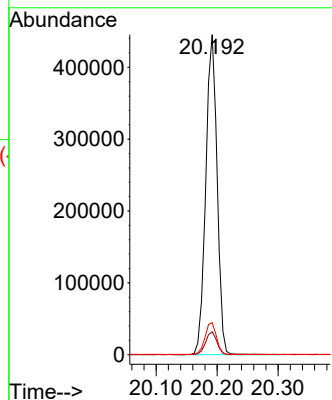
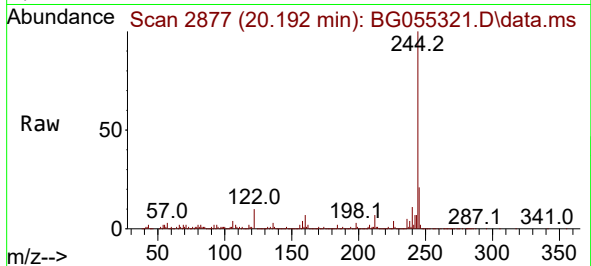




#79
 Terphenyl-d14
 Concen: 63.134 ng
 RT: 20.192 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055321.D
 Acq: 27 Oct 2022 13:05

Instrument :
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Tgt Ion:244 Resp: 576358
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.0 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.298 min Scan# 3746
 Delta R.T. 0.006 min
 Lab File: BG055321.D
 Acq: 27 Oct 2022 13:05

Tgt Ion:264 Resp: 203016
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.2 17.4 26.2

