

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055721.D
 Acq On : 21 Nov 2022 19:04
 Operator : CG/JU
 Sample : N5678-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-07

Quant Time: Nov 22 02:07:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

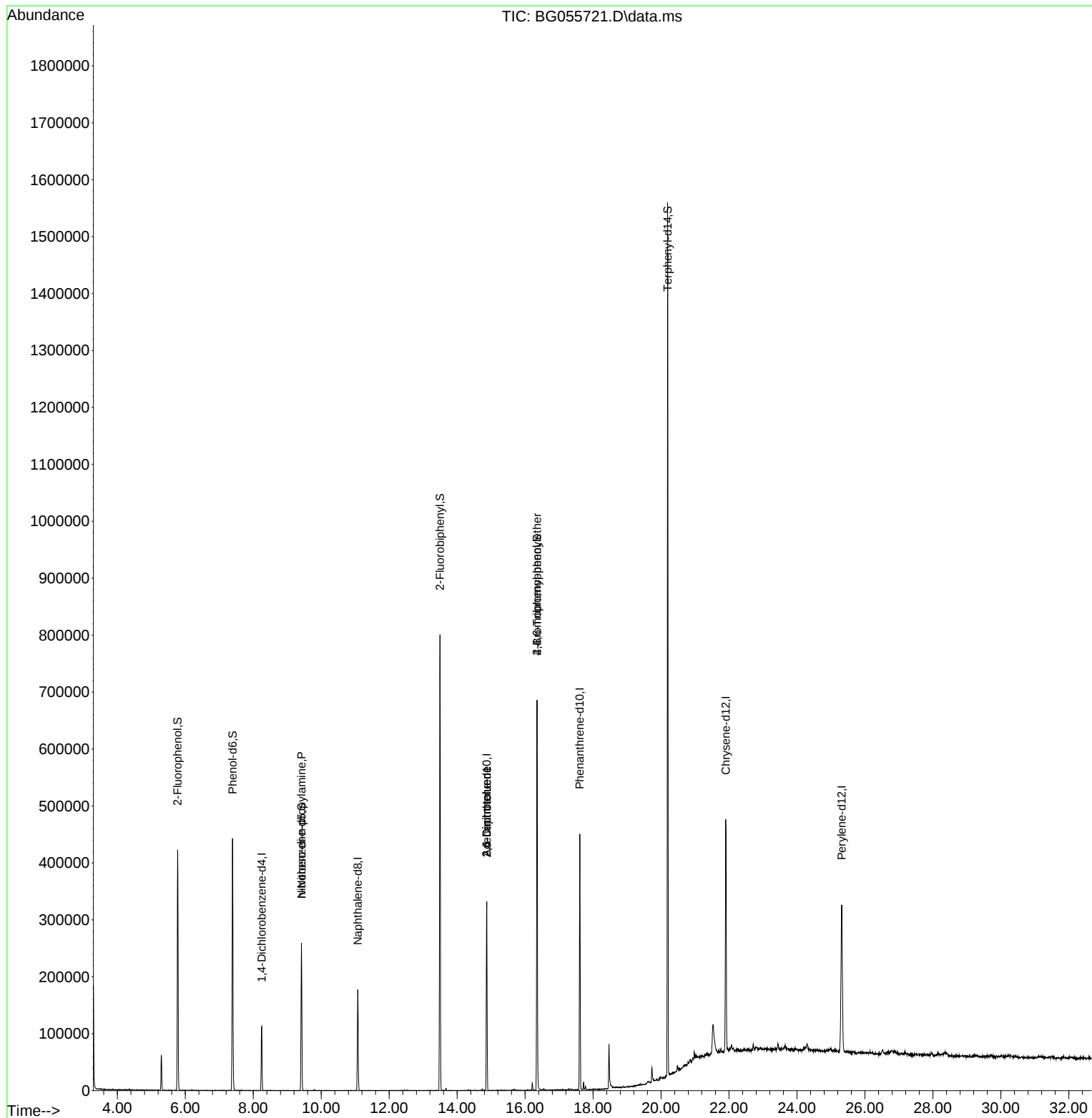
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.248	152	33399	20.000	ng	0.00
21) Naphthalene-d8	11.074	136	152647	20.000	ng	-0.01
39) Acenaphthene-d10	14.870	164	122555	20.000	ng	0.00
64) Phenanthrene-d10	17.608	188	295465	20.000	ng	-0.01
76) Chrysene-d12	21.903	240	265743	20.000	ng	-0.02
86) Perylene-d12	25.317	264	279250	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.775	112	180278	97.565	ng	0.00
7) Phenol-d6	7.391	99	244684	99.477	ng	0.00
23) Nitrobenzene-d5	9.418	82	150748	52.197	ng	-0.01
42) 2,4,6-Tribromophenol	16.351	330	147548	85.499	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	429249	52.472	ng	0.00
79) Terphenyl-d14	20.193	244	770675	58.005	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.418	70	20316	10.750	ng	# 79
51) 2,6-Dinitrotoluene	14.870	165	15875	7.947	ng	# 24
57) 2,4-Dinitrotoluene	14.870	165	15875	5.637	ng	# 22
67) 4-Bromophenyl-phenylether	16.351	248	9844	2.924	ng	# 1

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

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Quant Time: Nov 22 02:07:05 2022
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Response via : Initial Calibration

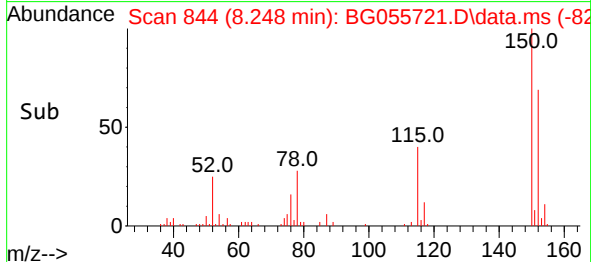
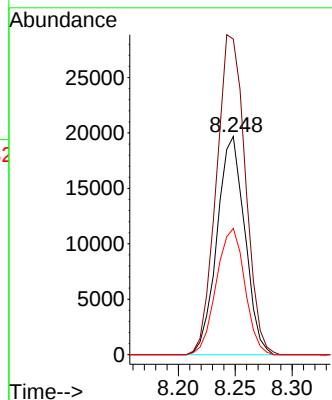
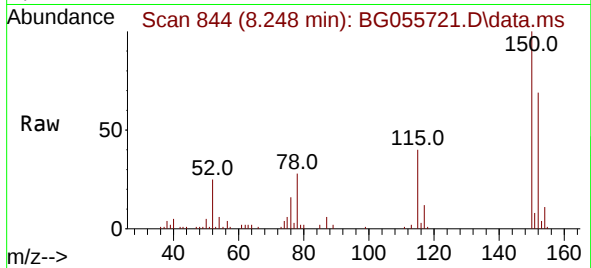




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.248 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055721.D
Acq: 21 Nov 2022 19:04

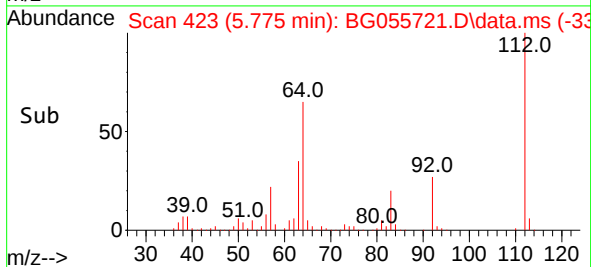
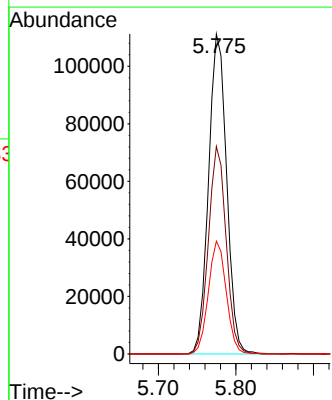
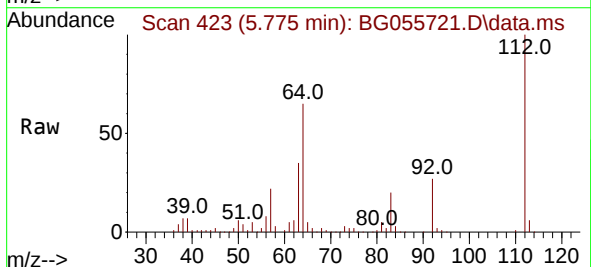
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-07

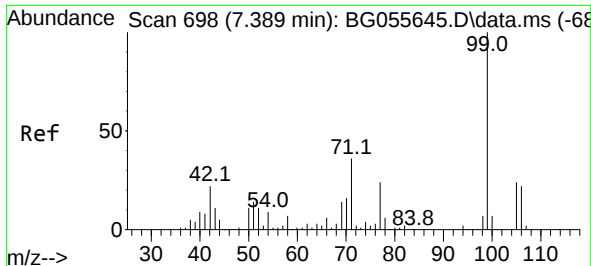
Tgt Ion:152 Resp: 33399
Ion Ratio Lower Upper
152 100
150 144.6 123.0 184.6
115 57.9 47.0 70.4



#5
2-Fluorophenol
Concen: 97.565 ng
RT: 5.775 min Scan# 423
Delta R.T. -0.004 min
Lab File: BG055721.D
Acq: 21 Nov 2022 19:04

Tgt Ion:112 Resp: 180278
Ion Ratio Lower Upper
112 100
64 64.9 50.6 76.0
63 35.2 27.5 41.3

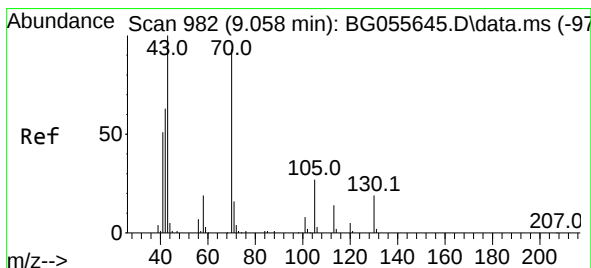
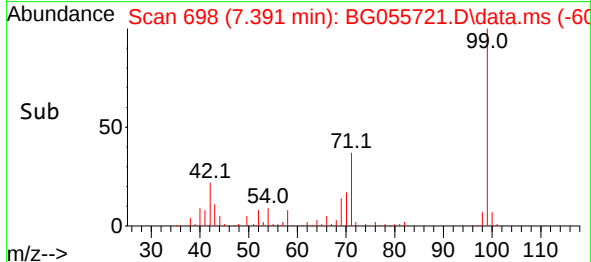
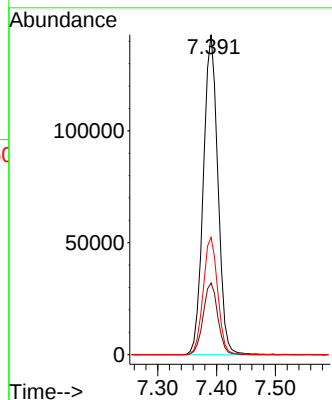
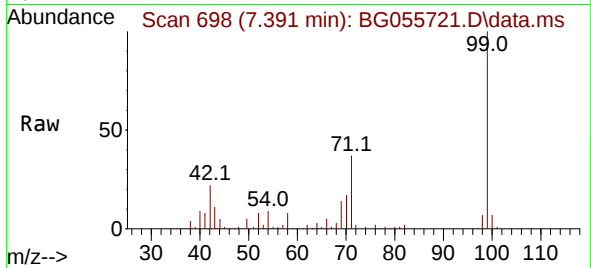




#7
Phenol-d6
Concen: 99.477 ng
RT: 7.391 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG055721.D
Acq: 21 Nov 2022 19:04

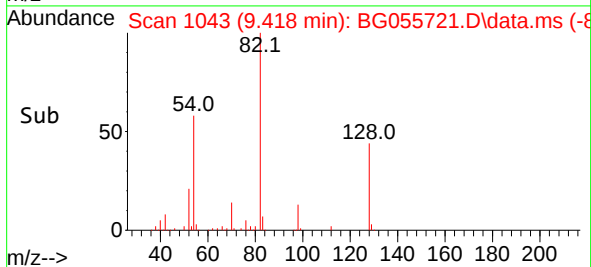
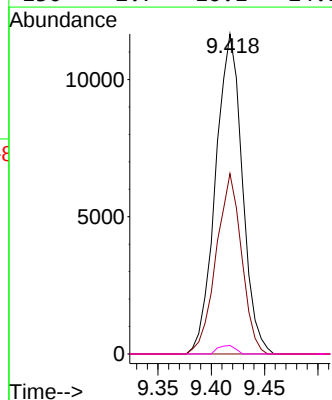
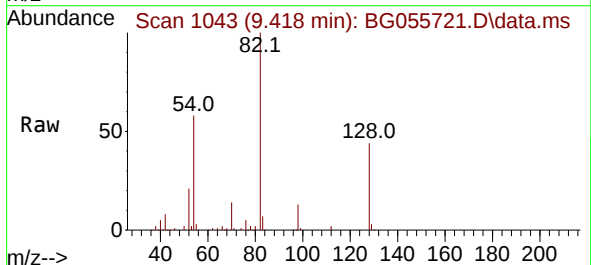
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-07

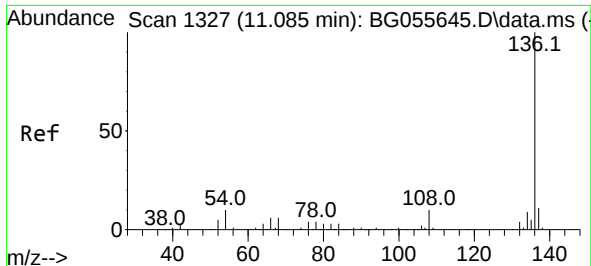
Tgt Ion: 99 Resp: 244684
Ion Ratio Lower Upper
99 100
42 22.4 18.0 27.0
71 36.6 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.750 ng
RT: 9.418 min Scan# 1043
Delta R.T. 0.360 min
Lab File: BG055721.D
Acq: 21 Nov 2022 19:04

Tgt Ion: 70 Resp: 20316
Ion Ratio Lower Upper
70 100
42 56.4 55.2 82.8
101 0.0 7.1 10.7#
130 2.7 16.1 24.1#

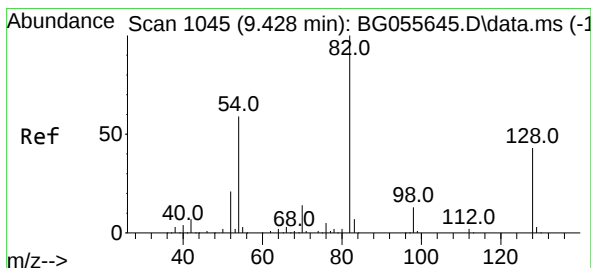
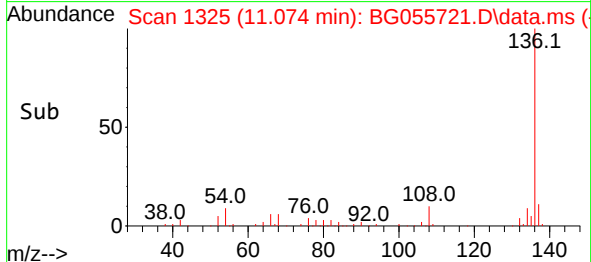
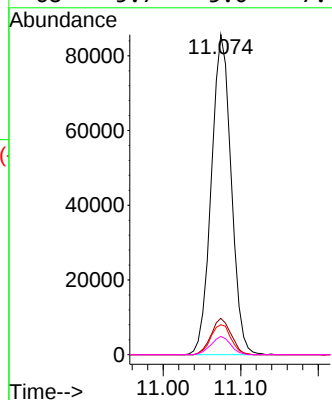
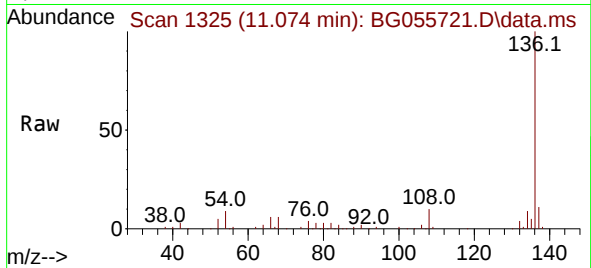




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.074 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG055721.D
Acq: 21 Nov 2022 19:04

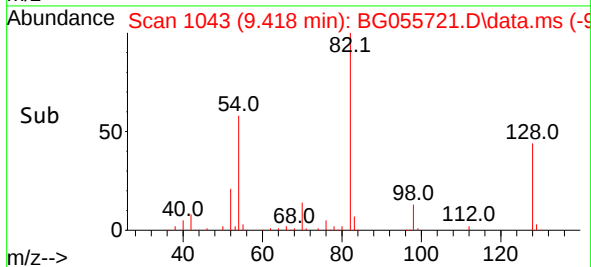
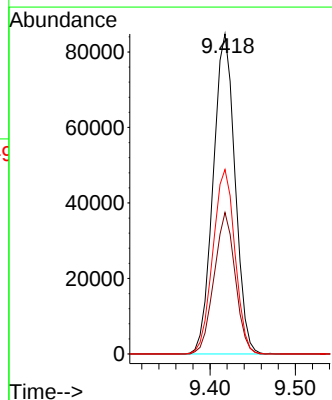
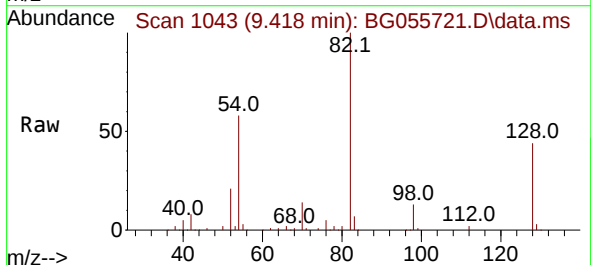
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-07

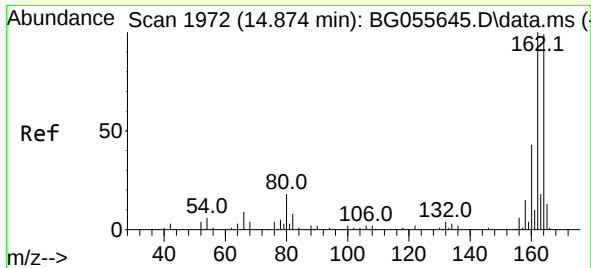
Tgt Ion:	136	Resp:	152647
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	9.4	7.8	11.6
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 52.197 ng
RT: 9.418 min Scan# 1043
Delta R.T. -0.010 min
Lab File: BG055721.D
Acq: 21 Nov 2022 19:04

Tgt Ion:	82	Resp:	150748
Ion Ratio	Lower	Upper	
82	100		
128	44.2	34.1	51.1
54	57.6	47.3	70.9

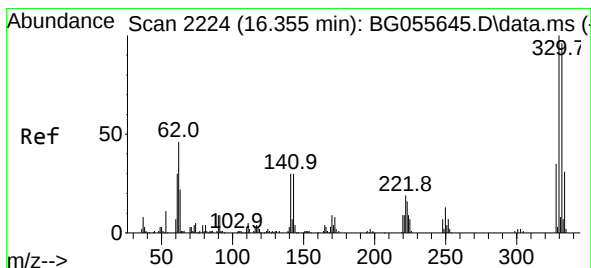
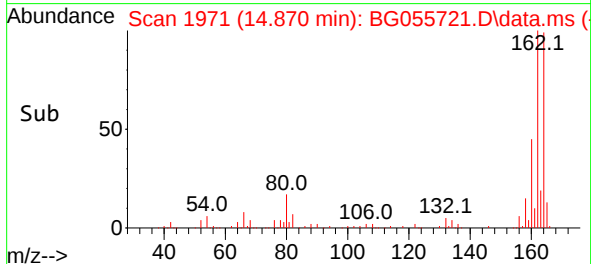
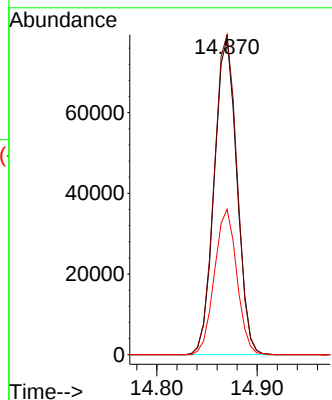
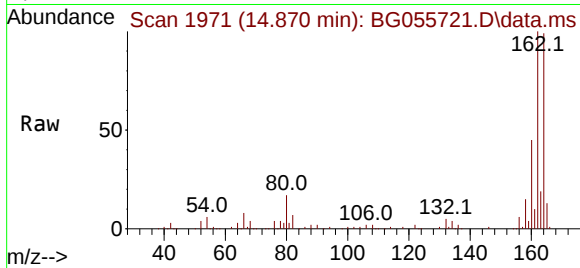




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.870 min Scan# 1972
Delta R.T. -0.004 min
Lab File: BG055721.D
Acq: 21 Nov 2022 19:04

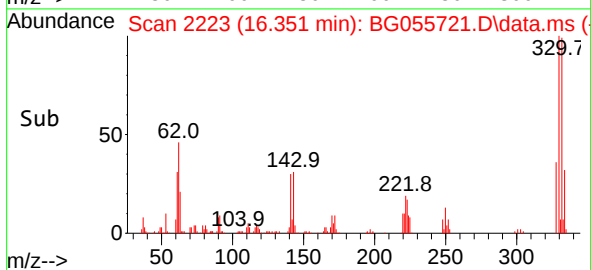
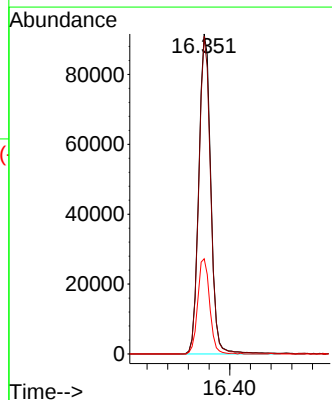
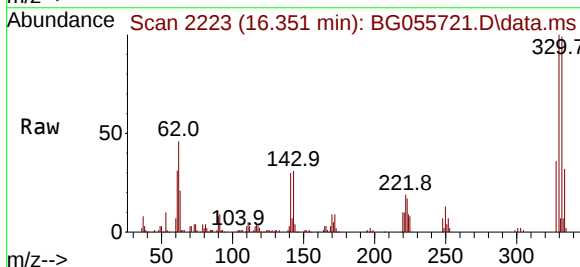
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-07

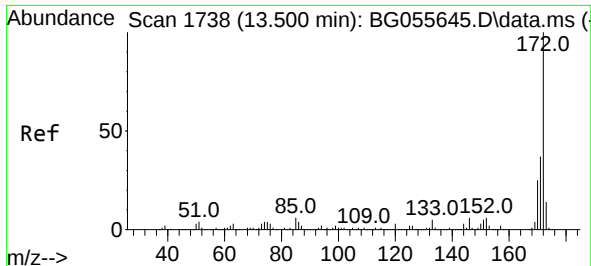
Tgt Ion:164 Resp: 122555
Ion Ratio Lower Upper
164 100
162 100.9 81.1 121.7
160 45.9 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 85.499 ng
RT: 16.351 min Scan# 2223
Delta R.T. -0.004 min
Lab File: BG055721.D
Acq: 21 Nov 2022 19:04

Tgt Ion:330 Resp: 147548
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 29.5 23.9 35.9

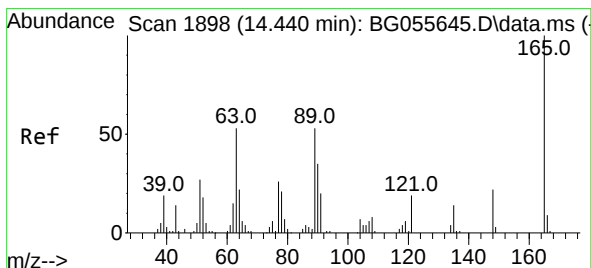
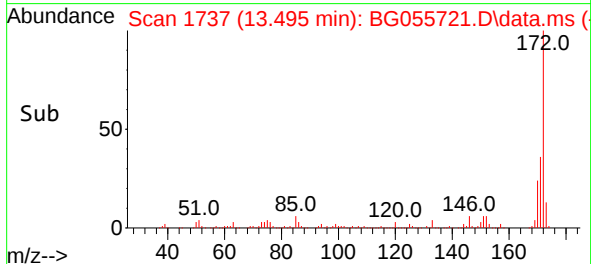
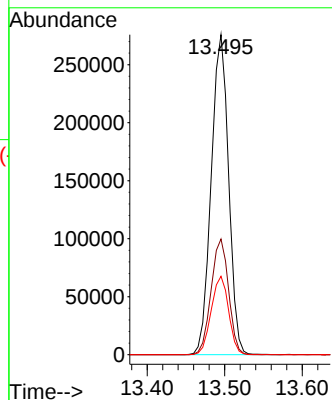
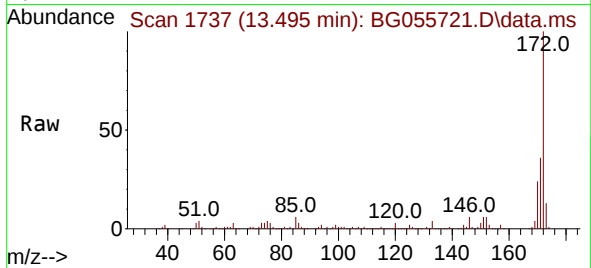




#45
2-Fluorobiphenyl
Concen: 52.472 ng
RT: 13.495 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055721.D
Acq: 21 Nov 2022 19:04

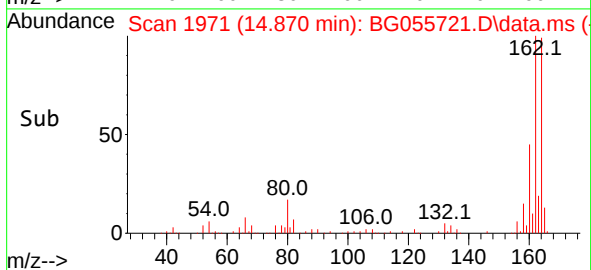
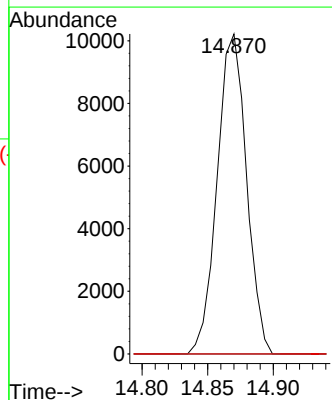
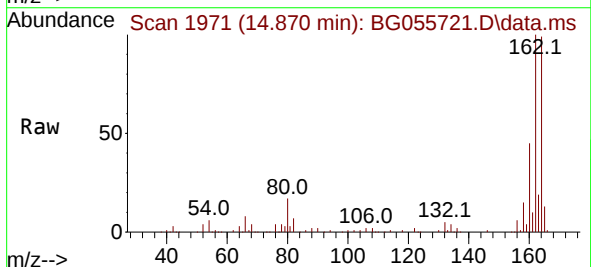
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ClientSampleId :
250FB-BP-BACKFILL-07

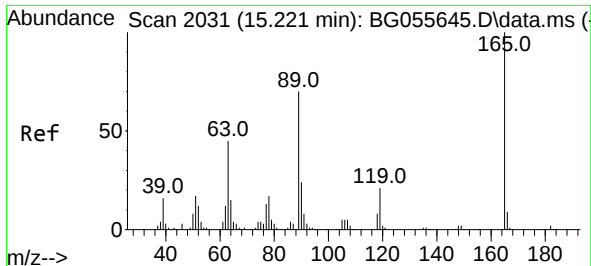
Tgt Ion:172 Resp: 429249
Ion Ratio Lower Upper
172 100
171 36.1 29.8 44.6
170 24.5 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.947 ng
RT: 14.870 min Scan# 1971
Delta R.T. 0.430 min
Lab File: BG055721.D
Acq: 21 Nov 2022 19:04

Tgt Ion:165 Resp: 15875
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.637 ng

RT: 14.870 min Scan# 1971

Delta R.T. -0.351 min

Lab File: BG055721.D

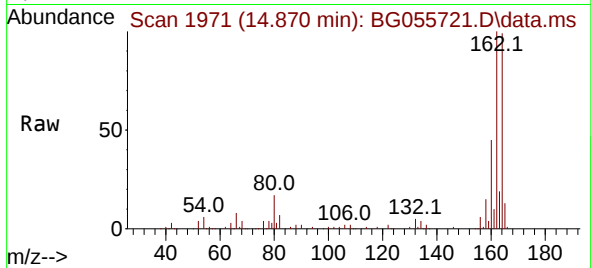
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Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-07



Tgt Ion:165 Resp: 15875

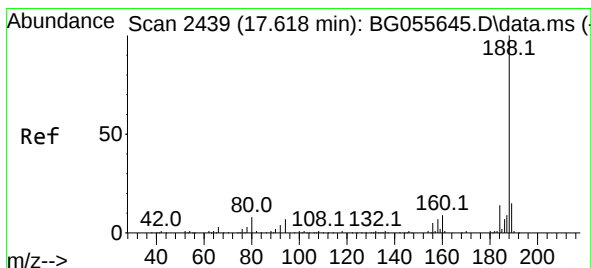
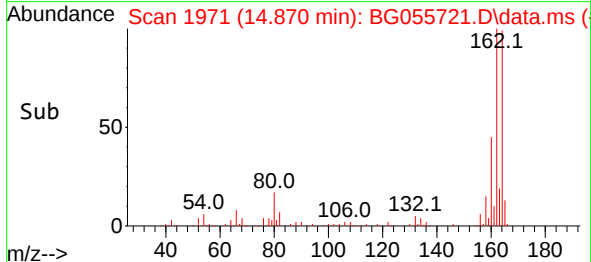
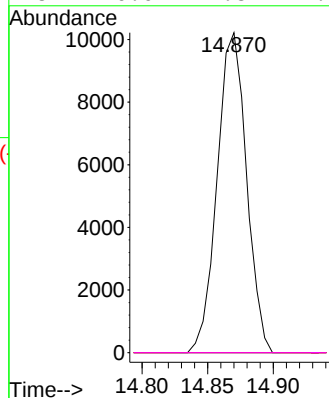
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.608 min Scan# 2437

Delta R.T. -0.010 min

Lab File: BG055721.D

Acq: 21 Nov 2022 19:04

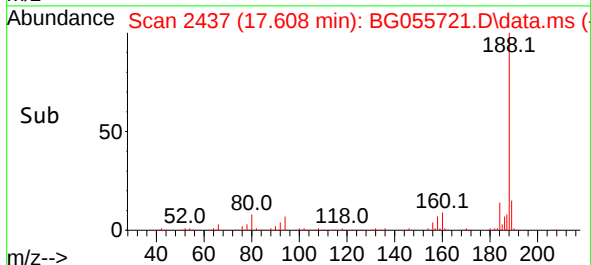
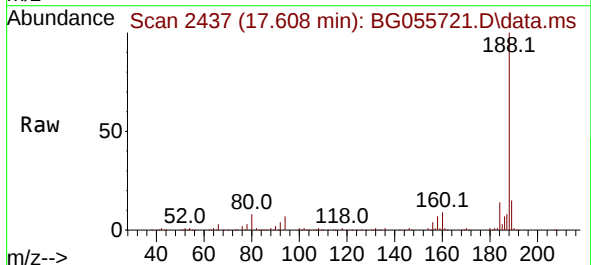
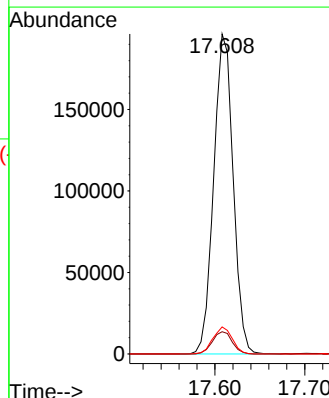
Tgt Ion:188 Resp: 295465

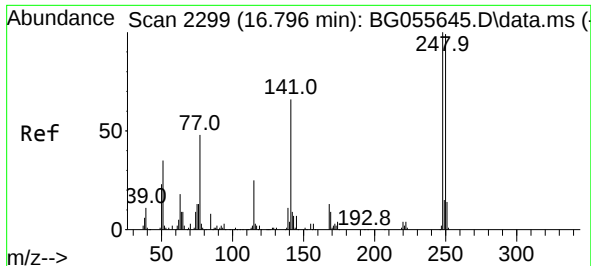
Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 8.5 6.6 10.0

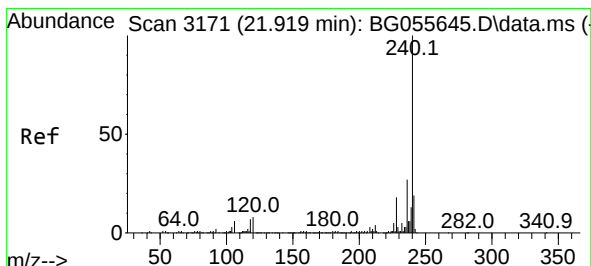
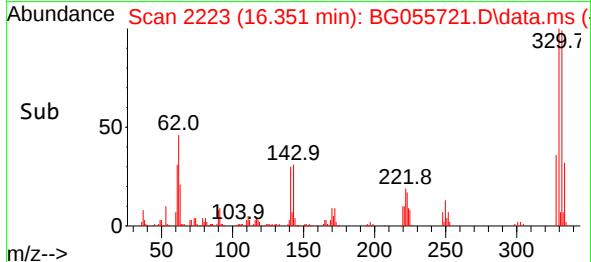
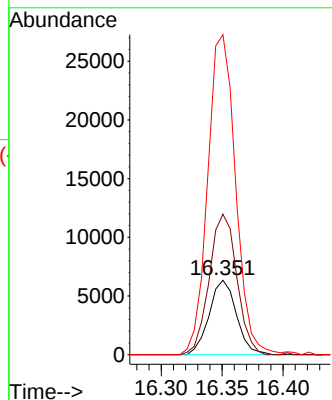
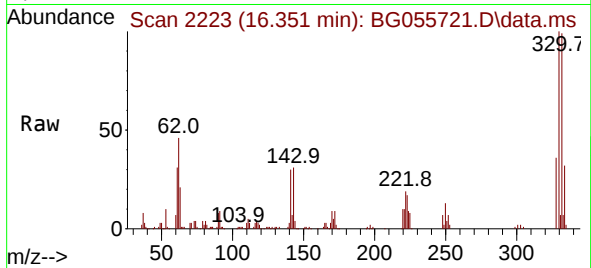




#67
4-Bromophenyl-phenylether
Concen: 2.924 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG055721.D
Acq: 21 Nov 2022 19:04

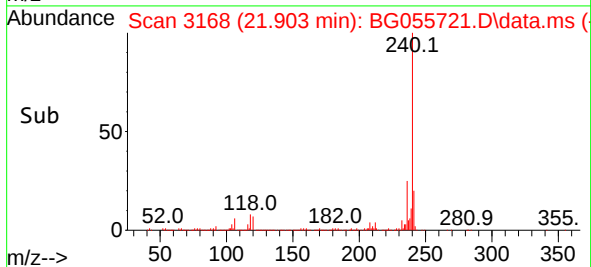
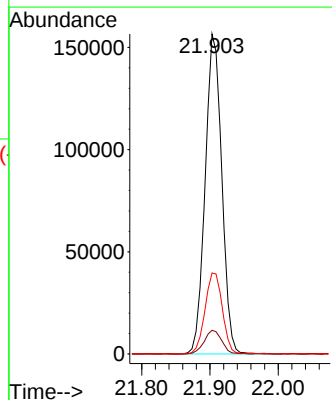
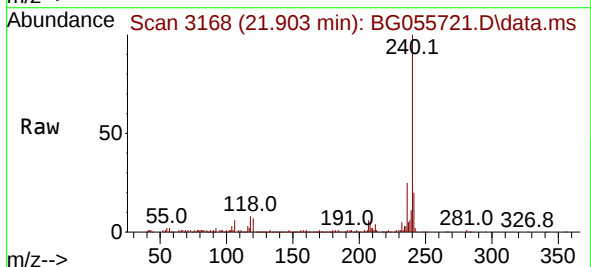
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-07

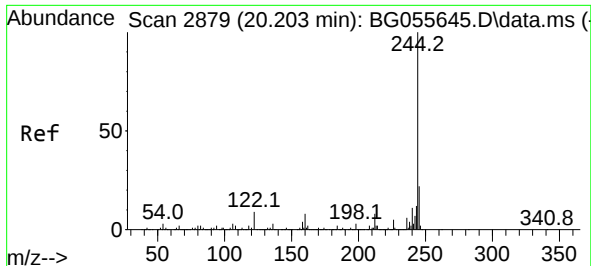
Tgt Ion:248 Resp: 9844
Ion Ratio Lower Upper
248 100
250 188.7 79.0 118.4#
141 429.7 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.903 min Scan# 3168
Delta R.T. -0.016 min
Lab File: BG055721.D
Acq: 21 Nov 2022 19:04

Tgt Ion:240 Resp: 265743
Ion Ratio Lower Upper
240 100
120 7.4 6.3 9.5
236 25.3 21.9 32.9

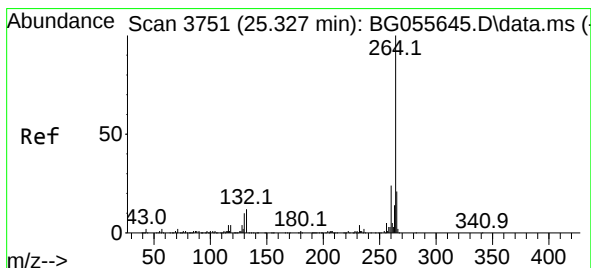
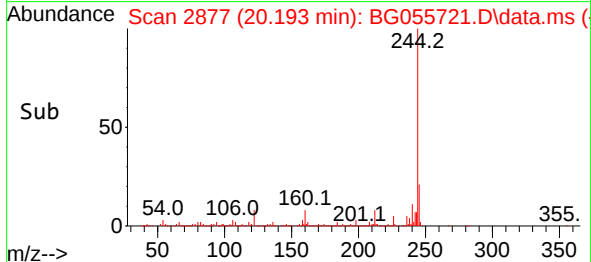
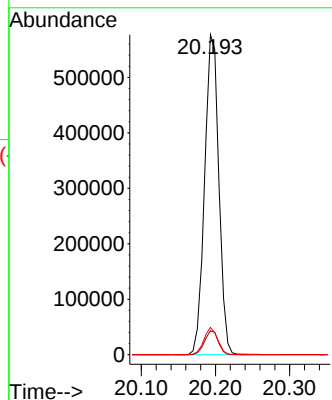
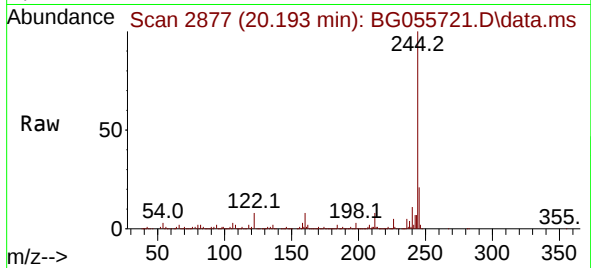




#79
 Terphenyl-d14
 Concen: 58.005 ng
 RT: 20.193 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG055721.D
 Acq: 21 Nov 2022 19:04

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-07

Tgt Ion:244 Resp: 770675
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 8.5 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.317 min Scan# 3749
 Delta R.T. -0.010 min
 Lab File: BG055721.D
 Acq: 21 Nov 2022 19:04

Tgt Ion:264 Resp: 279250
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.9 17.1 25.7

