

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058573.D
 Acq On : 2 Aug 2023 11:20
 Operator : MA/JU
 Sample : 03686-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-28-2-4-20230721

Quant Time: Aug 02 12:48:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

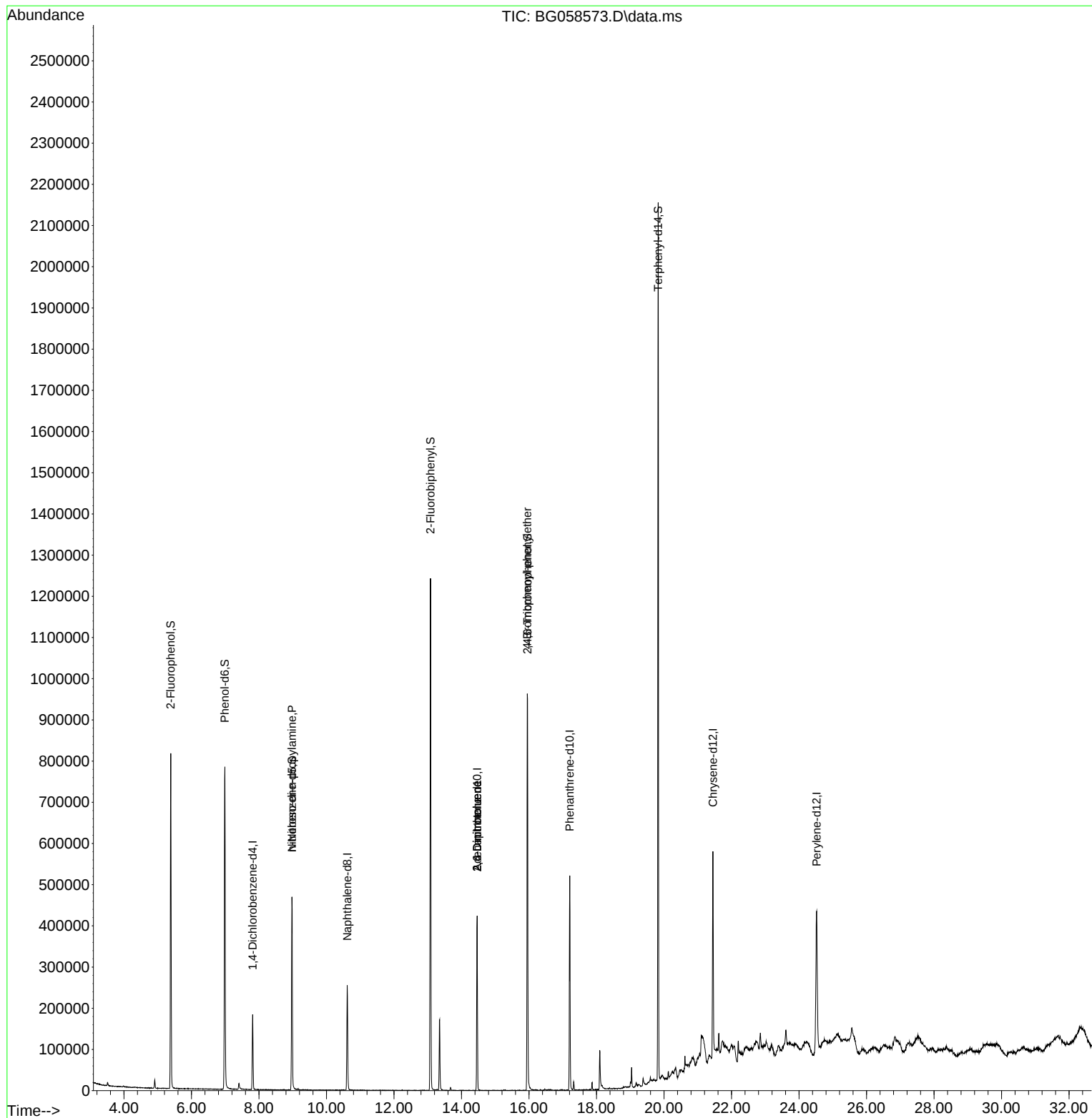
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	49925	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	219648	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	154892	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	340258	20.000	ng	0.00
76) Chrysene-d12	21.449	240	289835	20.000	ng	0.00
86) Perylene-d12	24.522	264	357394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	342713	104.922	ng	0.00
7) Phenol-d6	6.989	99	484594	106.619	ng	0.00
23) Nitrobenzene-d5	8.975	82	293618	65.669	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	226250	89.117	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	693475	67.094	ng	0.00
79) Terphenyl-d14	19.827	244	1114398	72.305	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	36056	12.282	ng	Qvalue # 77
51) 2,6-Dinitrotoluene	14.463	165	19207	7.525	ng	# 22
57) 2,4-Dinitrotoluene	14.463	165	19207	5.428	ng	# 23
67) 4-Bromophenyl-phenylether	15.950	248	14059	3.643	ng	# 1

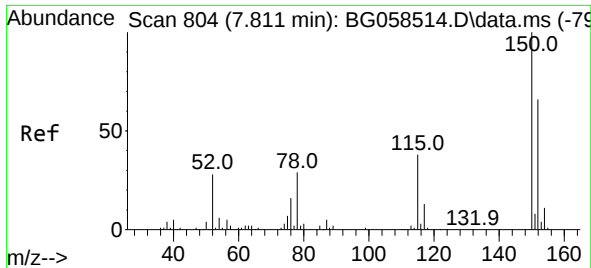
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-28-2-4-20230721

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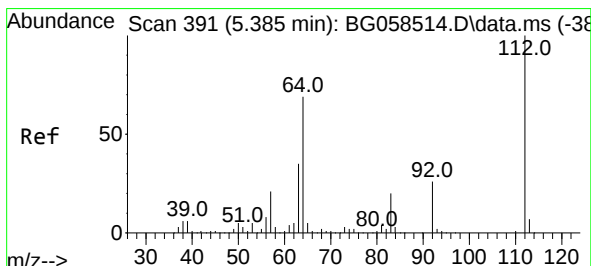
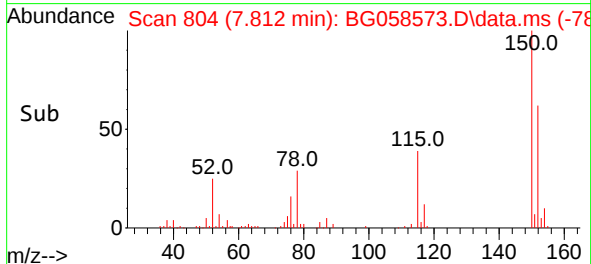
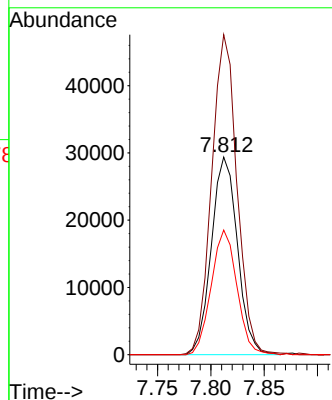
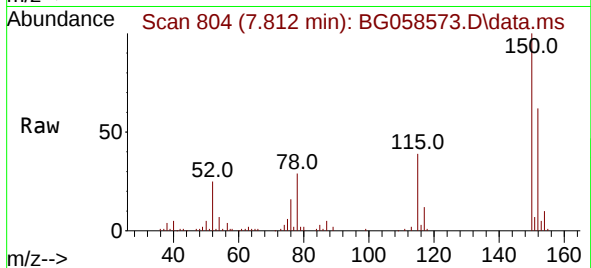




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

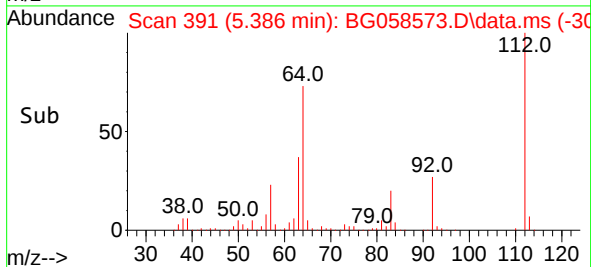
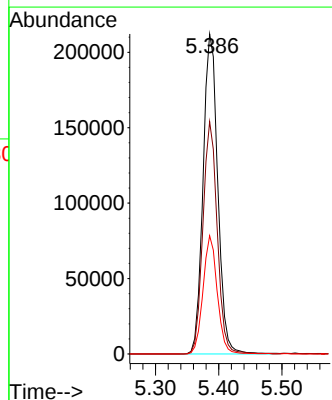
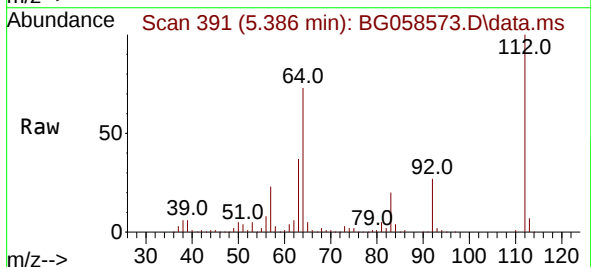
Instrument :
BNA_G
ClientSampleId :
SB-28-2-4-20230721

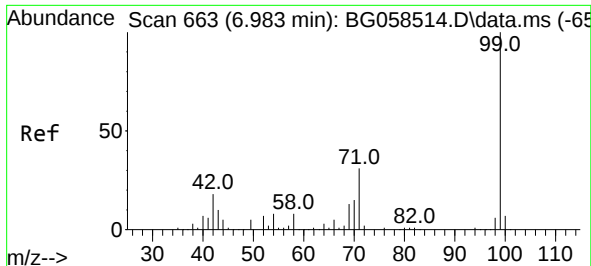
Tgt Ion:152 Resp: 49925
Ion Ratio Lower Upper
152 100
150 161.9 120.5 180.7
115 63.1 45.9 68.9



#5
2-Fluorophenol
Concen: 104.922 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

Tgt Ion:112 Resp: 342713
Ion Ratio Lower Upper
112 100
64 72.6 55.3 82.9
63 36.9 28.3 42.5

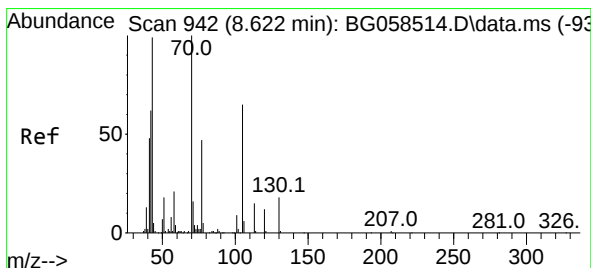
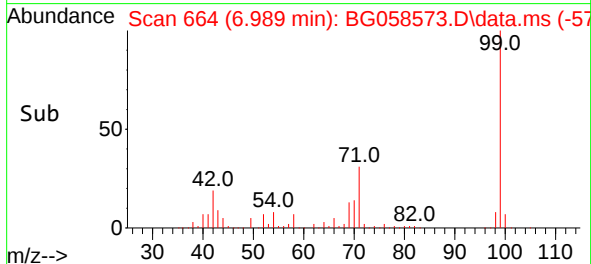
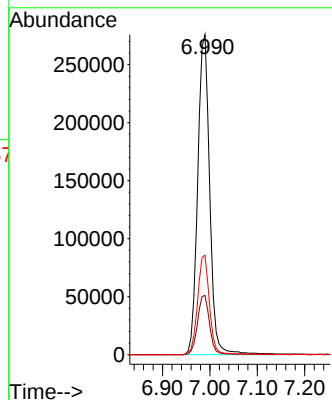
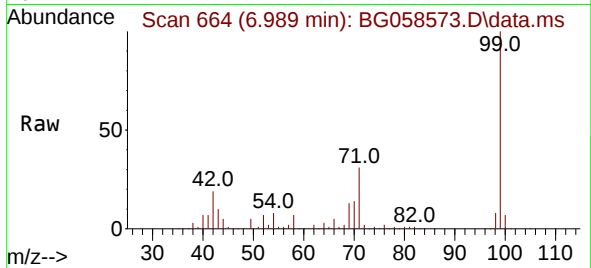




#7
Phenol-d6
Concen: 106.619 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.007 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

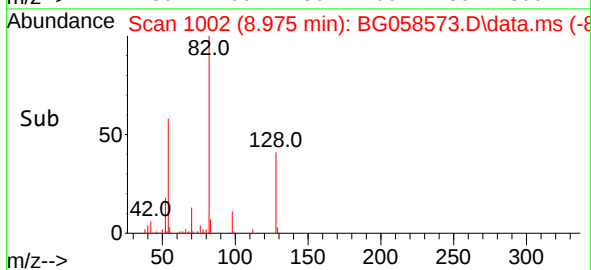
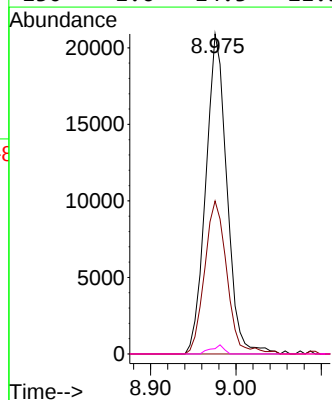
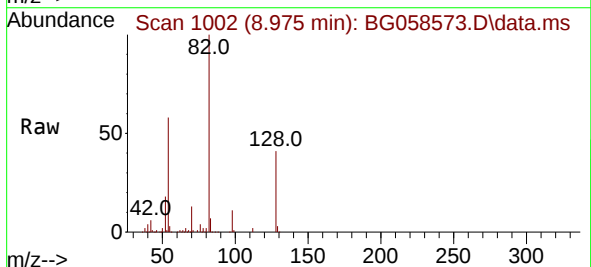
Instrument :
BNA_G
ClientSampleId :
SB-28-2-4-20230721

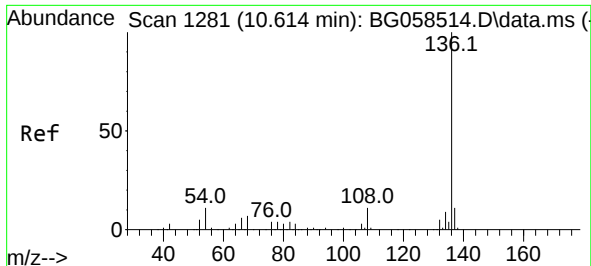
Tgt Ion: 99 Resp: 484594
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 31.1 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.282 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

Tgt Ion: 70 Resp: 36056
Ion Ratio Lower Upper
70 100
42 47.8 49.7 74.5#
101 0.0 7.0 10.4#
130 1.6 14.3 21.5#

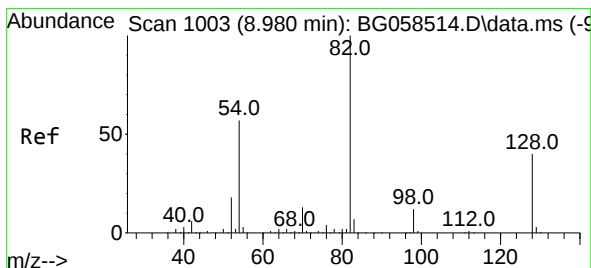
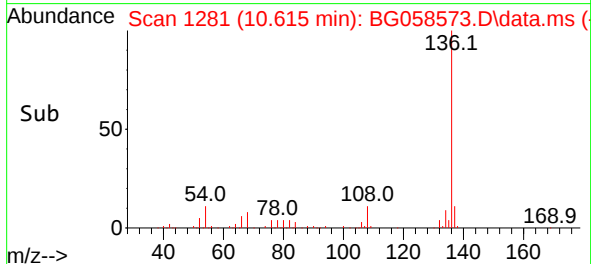
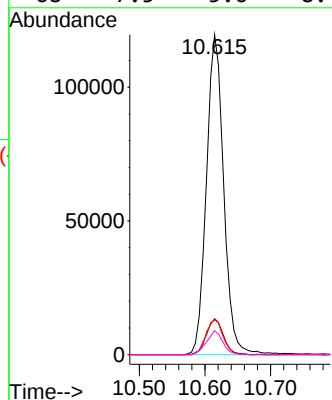
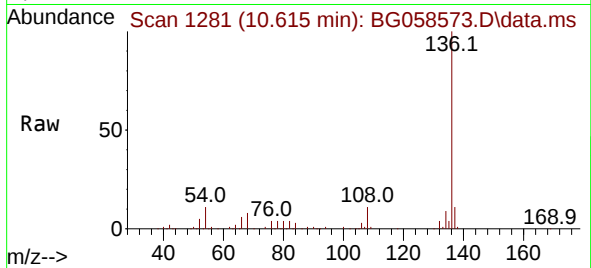




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

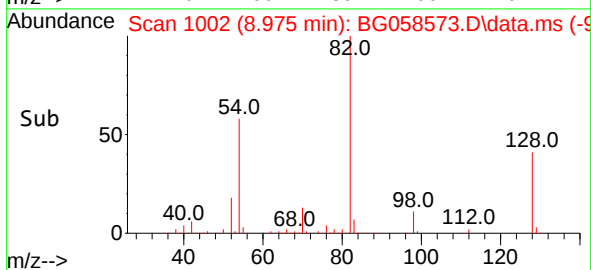
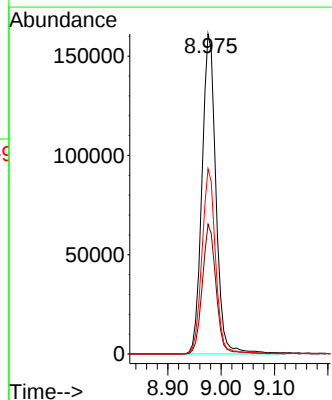
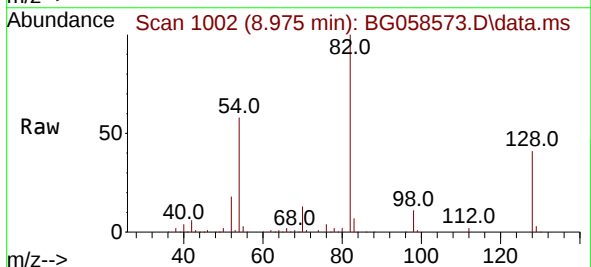
Instrument :
BNA_G
ClientSampleId :
SB-28-2-4-20230721

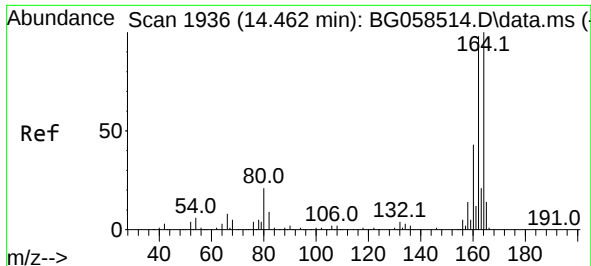
Tgt Ion:	136	Resp:	219648
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	10.9	8.9	13.3
68	7.5	5.6	8.4



#23
Nitrobenzene-d5
Concen: 65.669 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

Tgt Ion:	82	Resp:	293618
Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.2	48.2
54	57.9	46.0	69.0

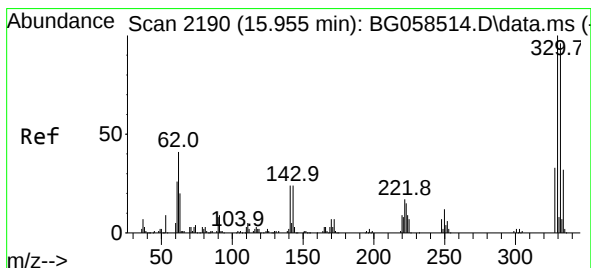
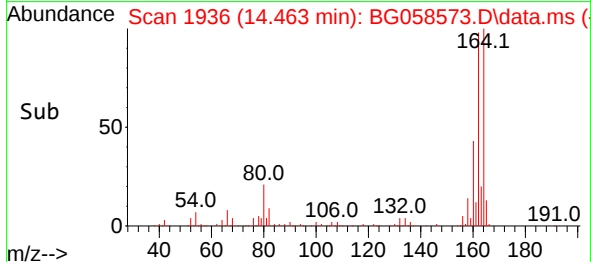
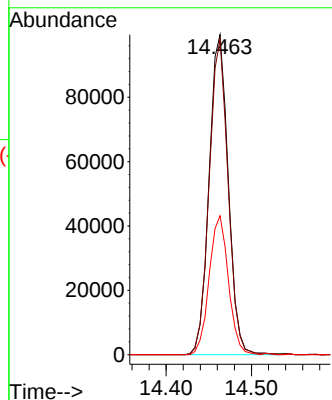
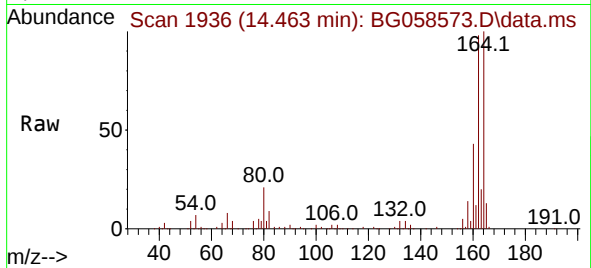




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

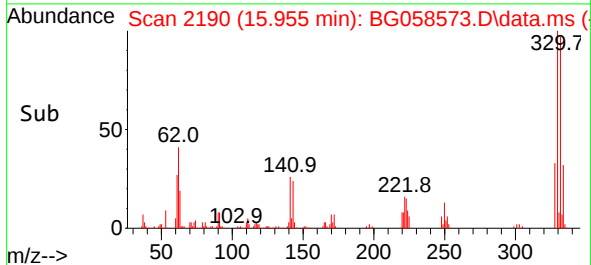
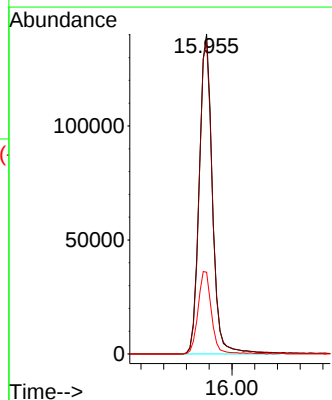
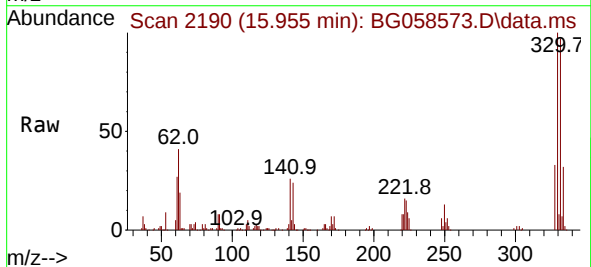
Instrument :
BNA_G
ClientSampleId :
SB-28-2-4-20230721

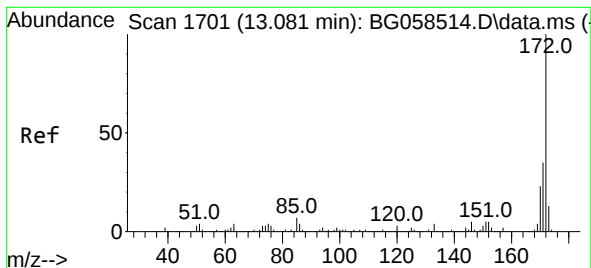
Tgt Ion:164 Resp: 154892
Ion Ratio Lower Upper
164 100
162 98.5 78.3 117.5
160 43.4 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 89.117 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

Tgt Ion:330 Resp: 226250
Ion Ratio Lower Upper
330 100
332 97.8 77.5 116.3
141 26.4 20.7 31.1

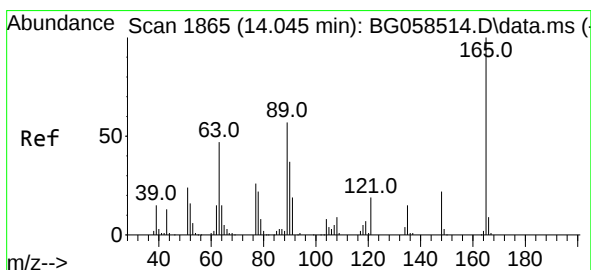
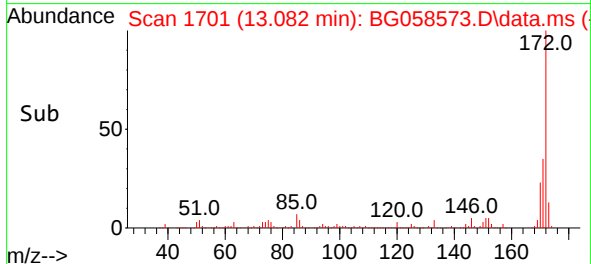
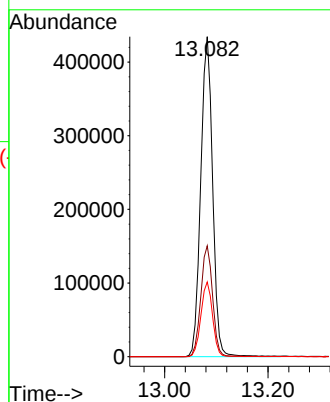
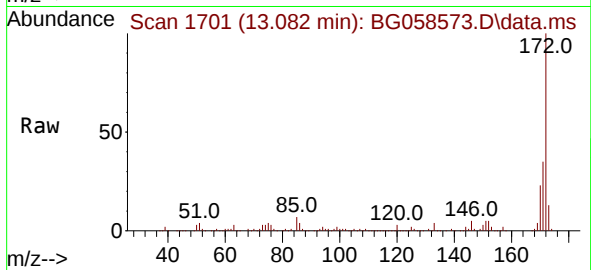




#45
 2-Fluorobiphenyl
 Concen: 67.094 ng
 RT: 13.082 min Scan# 1
 Delta R.T. 0.001 min
 Lab File: BG058573.D
 Acq: 2 Aug 2023 11:20

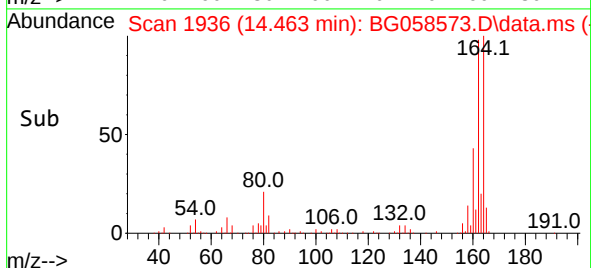
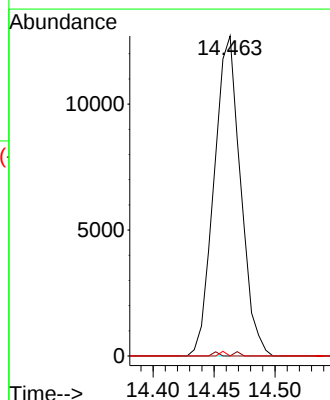
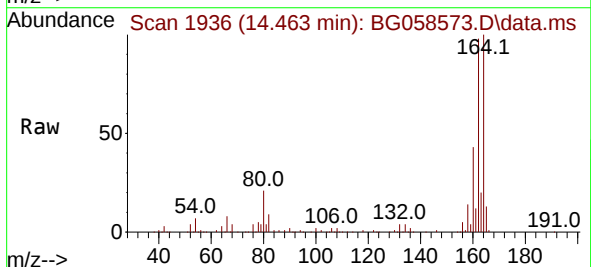
Instrument :
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 ClientSampleId :
 SB-28-2-4-20230721

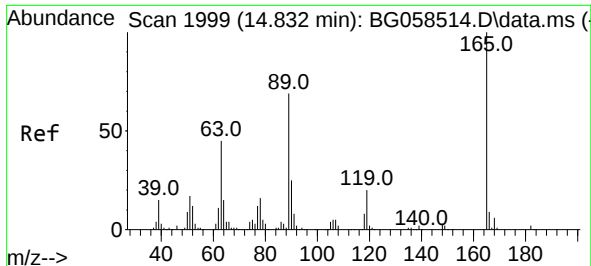
Tgt Ion:172 Resp: 693475
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.0 42.0
 170 23.3 18.4 27.6



#51
 2,6-Dinitrotoluene
 Concen: 7.525 ng
 RT: 14.463 min Scan# 1936
 Delta R.T. 0.418 min
 Lab File: BG058573.D
 Acq: 2 Aug 2023 11:20

Tgt Ion:165 Resp: 19207
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.4 69.6#
 89 0.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.428 ng

RT: 14.463 min Scan# 1999

Delta R.T. -0.369 min

Lab File: BG058573.D

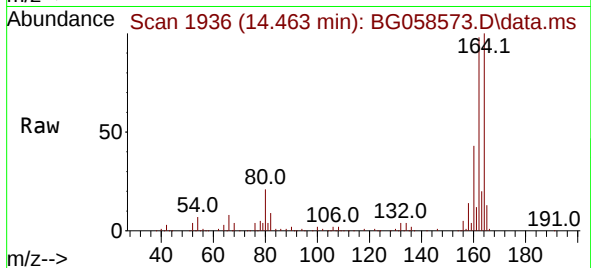
Acq: 2 Aug 2023 11:20

Instrument :

BNA_G

ClientSampleId :

SB-28-2-4-20230721



Tgt Ion:165 Resp: 19207

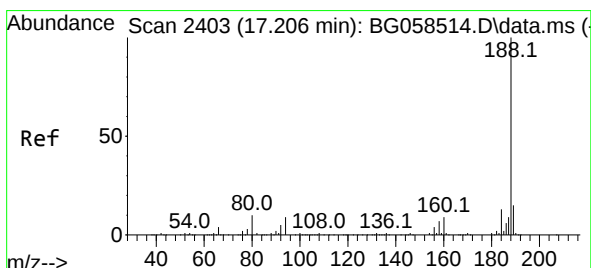
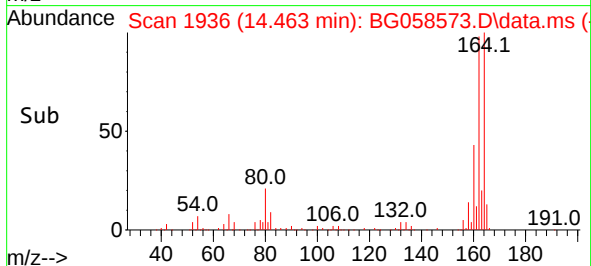
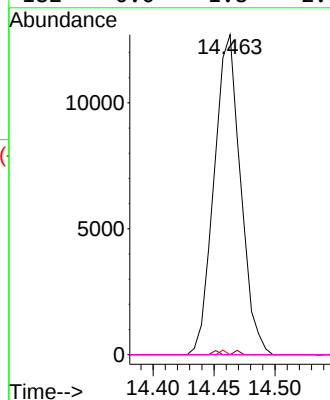
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 0.0 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058573.D

Acq: 2 Aug 2023 11:20

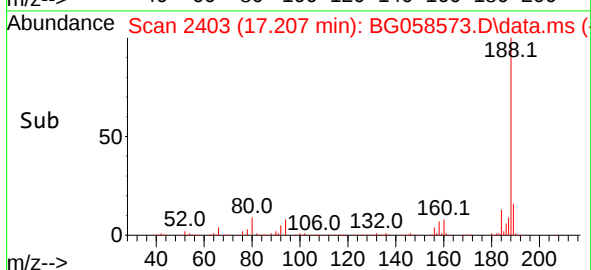
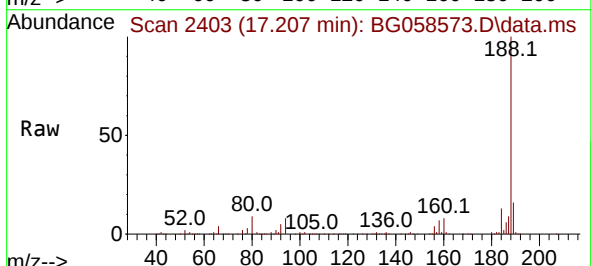
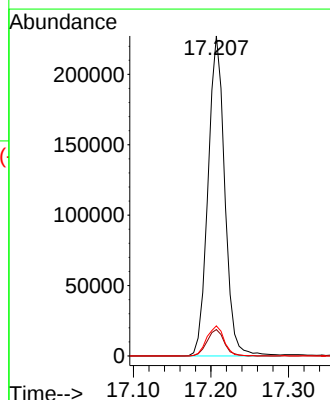
Tgt Ion:188 Resp: 340258

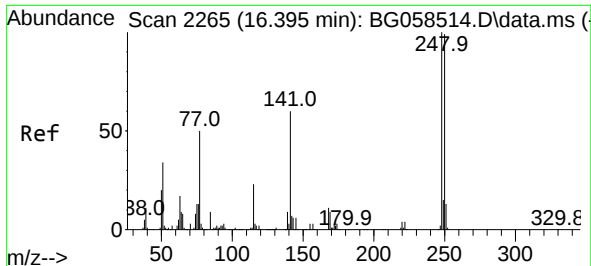
Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

80 9.4 8.1 12.1

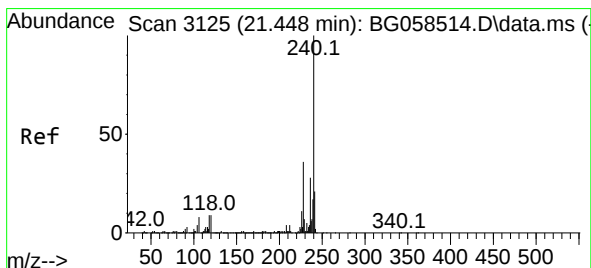
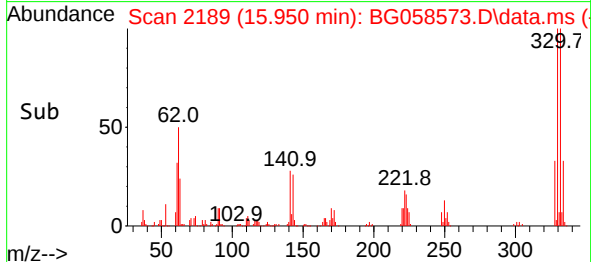
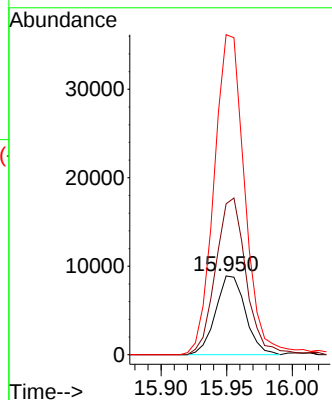
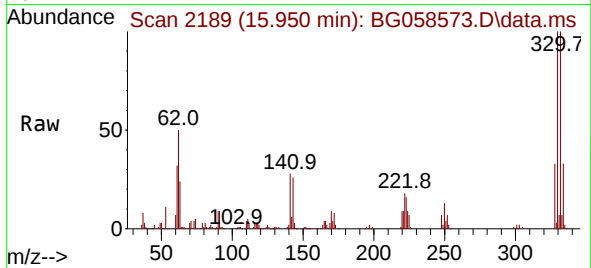




#67
4-Bromophenyl-phenylether
Concen: 3.643 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.446 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

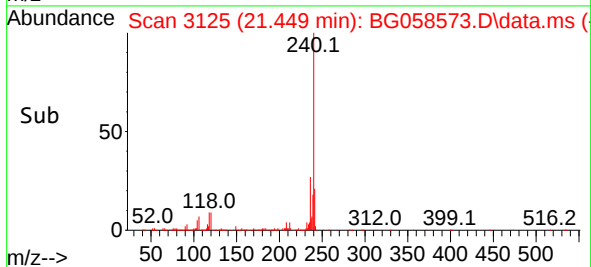
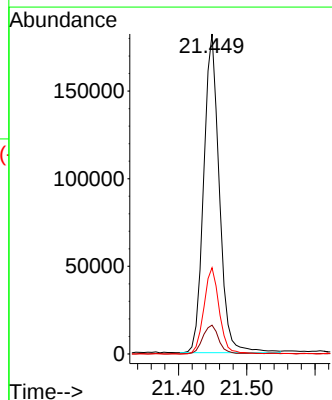
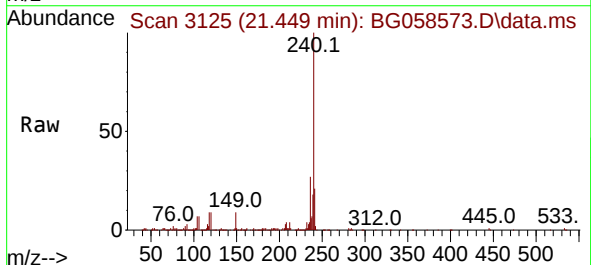
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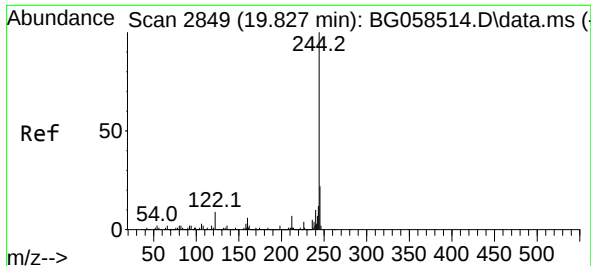
Tgt Ion:248 Resp: 14059
Ion Ratio Lower Upper
248 100
250 191.9 79.5 119.3#
141 406.8 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

Tgt Ion:240 Resp: 289835
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 26.9 22.2 33.4

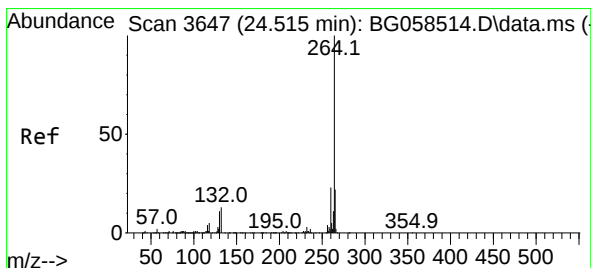
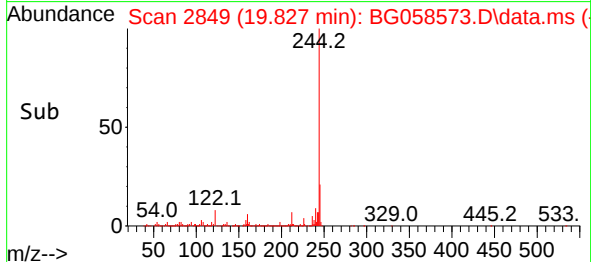
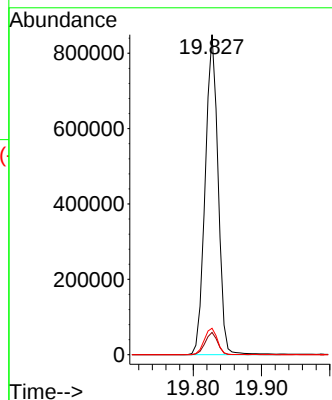
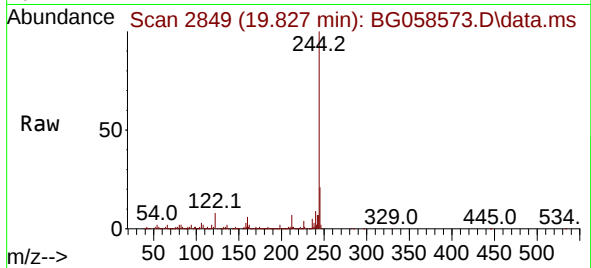




#79
 Terphenyl-d14
 Concen: 72.305 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058573.D
 Acq: 2 Aug 2023 11:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-28-2-4-20230721

Tgt Ion:244 Resp: 1114398
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 8.3 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 3648
 Delta R.T. 0.007 min
 Lab File: BG058573.D
 Acq: 2 Aug 2023 11:20

Tgt Ion:264 Resp: 357394
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 21.7 17.9 26.9

