

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055693.D
 Acq On : 18 Nov 2022 16:45
 Operator : CG/JU
 Sample : PB149038TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149038TB

Quant Time: Nov 18 23:57:18 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)

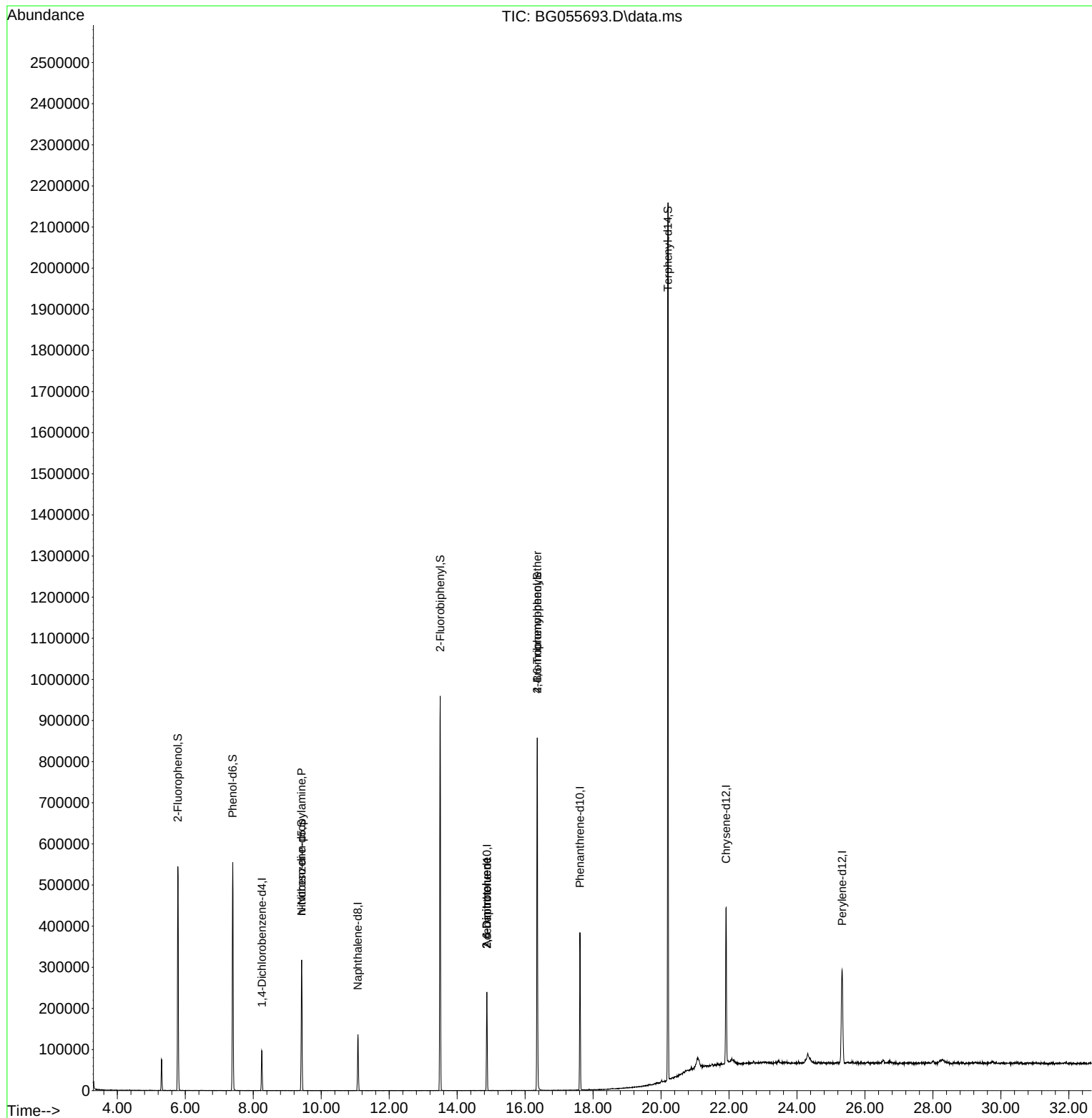
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	28207	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	118380	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	91362	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	244291	20.000	ng	0.00
76) Chrysene-d12	21.913	240	254113	20.000	ng	0.00
86) Perylene-d12	25.327	264	266643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.779	112	234682	150.385	ng	0.00
7) Phenol-d6	7.395	99	305190	146.915	ng	0.00
23) Nitrobenzene-d5	9.422	82	187767	83.835	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	189678	147.438	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	504617	82.746	ng	0.00
79) Terphenyl-d14	20.204	244	1098445	86.459	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.422	70	25400	15.914	ng	# 77
51) 2,6-Dinitrotoluene	14.869	165	11992	8.053	ng	# 24
57) 2,4-Dinitrotoluene	14.869	165	11992	5.712	ng	# 22
67) 4-Bromophenyl-phenylether	16.355	248	12231	4.394	ng	# 1

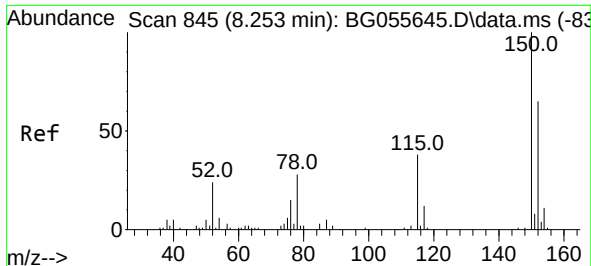
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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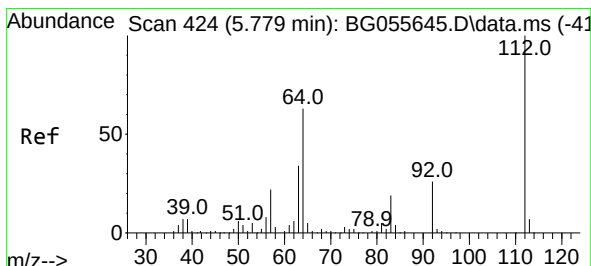
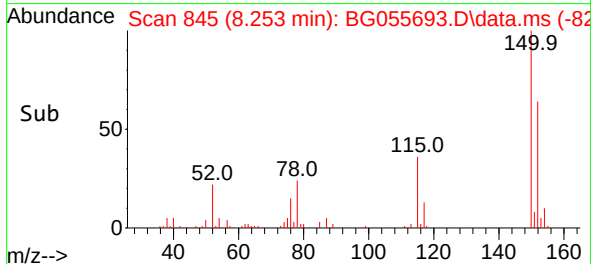
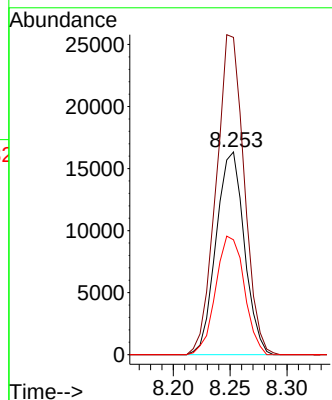
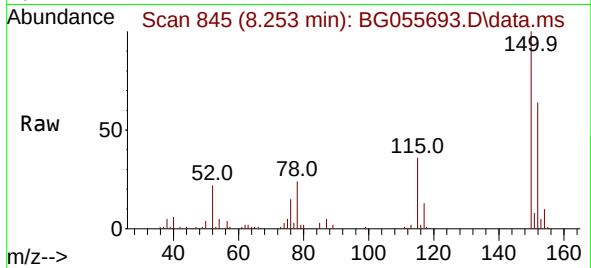




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 845
Delta R.T. -0.000 min
Lab File: BG055693.D
Acq: 18 Nov 2022 16:45

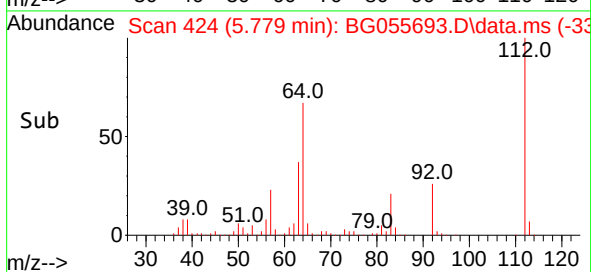
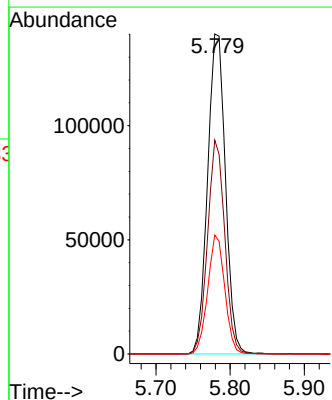
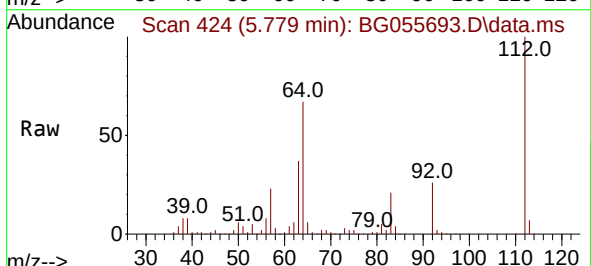
Instrument :
BNA_G
ClientSampleId :
PB149038TB

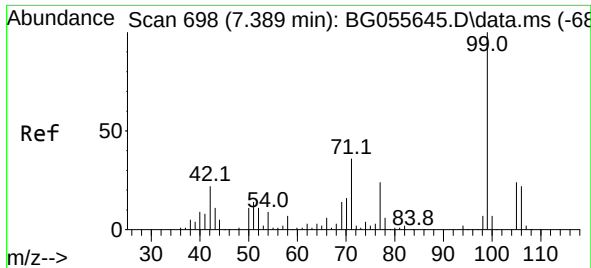
Tgt Ion:152 Resp: 28207
Ion Ratio Lower Upper
152 100
150 156.5 123.0 184.6
115 56.7 47.0 70.4



#5
2-Fluorophenol
Concen: 150.385 ng
RT: 5.779 min Scan# 424
Delta R.T. 0.000 min
Lab File: BG055693.D
Acq: 18 Nov 2022 16:45

Tgt Ion:112 Resp: 234682
Ion Ratio Lower Upper
112 100
64 66.9 50.6 76.0
63 37.2 27.5 41.3

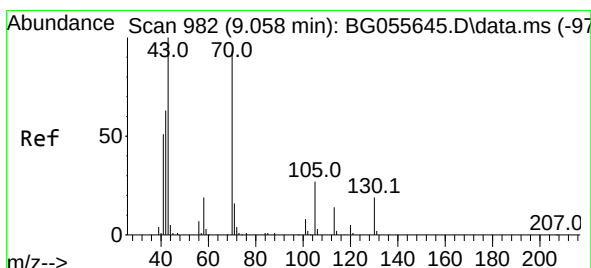
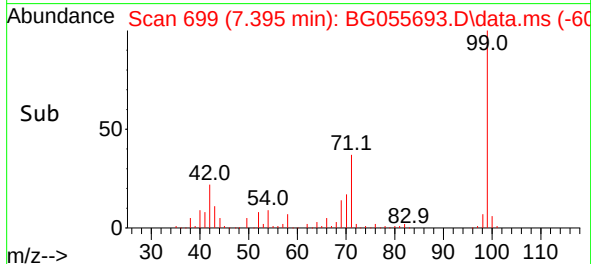
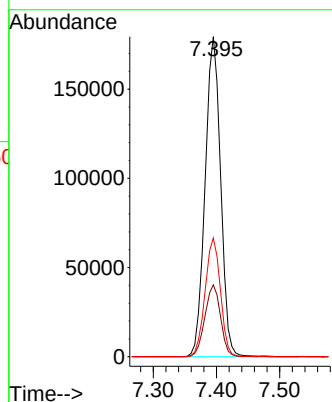
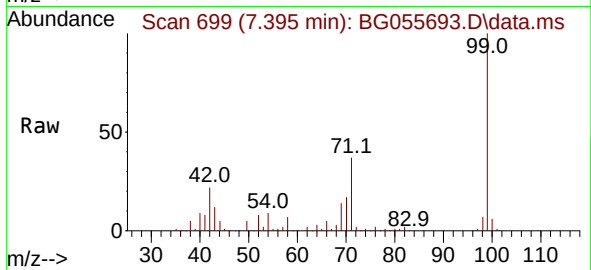




#7
Phenol-d6
Concen: 146.915 ng
RT: 7.395 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG055693.D
Acq: 18 Nov 2022 16:45

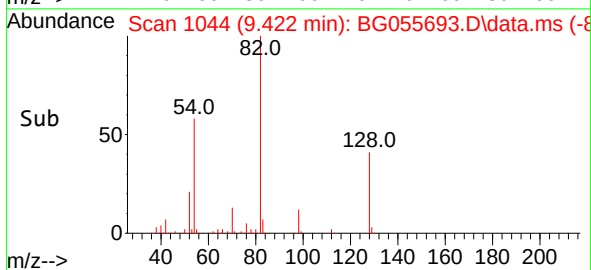
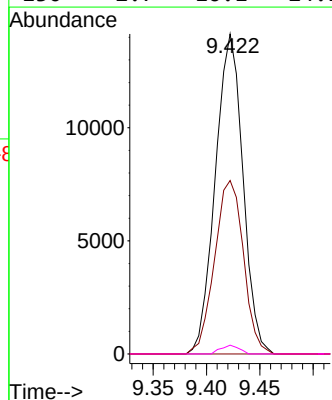
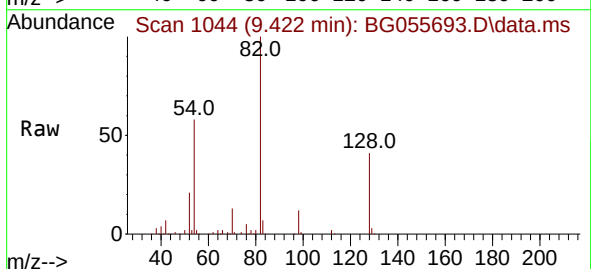
Instrument :
BNA_G
ClientSampleId :
PB149038TB

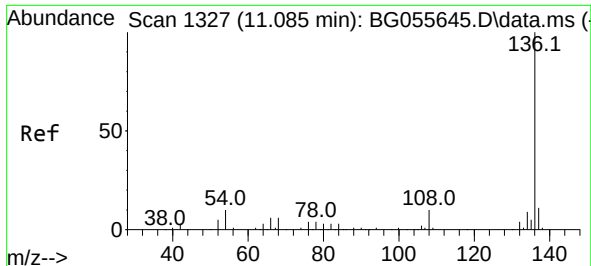
Tgt Ion: 99 Resp: 305190
Ion Ratio Lower Upper
99 100
42 22.5 18.0 27.0
71 37.1 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.914 ng
RT: 9.422 min Scan# 1044
Delta R.T. 0.364 min
Lab File: BG055693.D
Acq: 18 Nov 2022 16:45

Tgt Ion: 70 Resp: 25400
Ion Ratio Lower Upper
70 100
42 54.2 55.2 82.8#
101 0.0 7.1 10.7#
130 2.7 16.1 24.1#

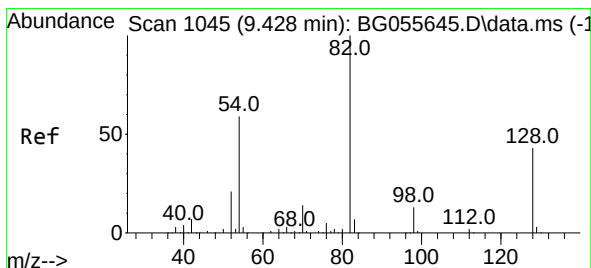
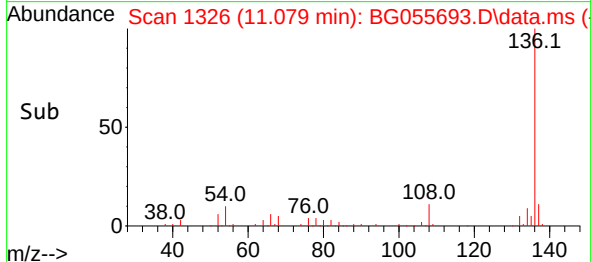
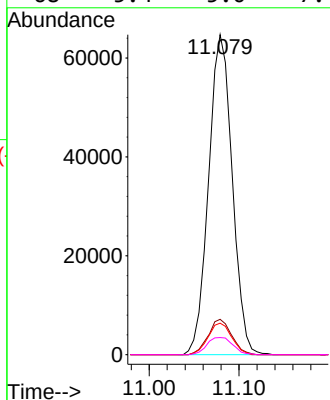
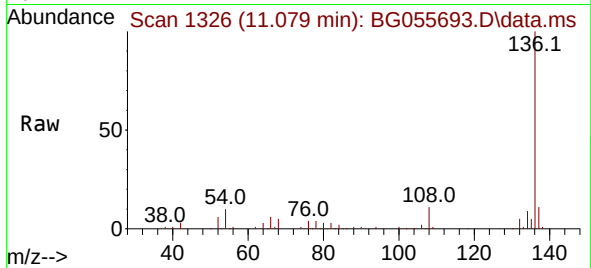




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055693.D
Acq: 18 Nov 2022 16:45

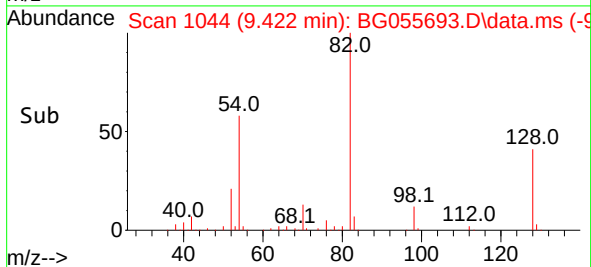
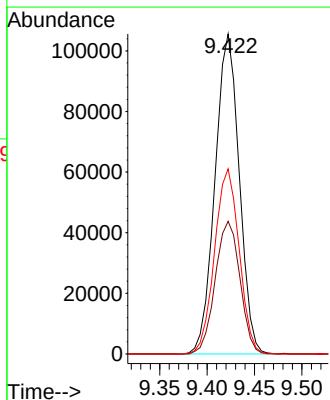
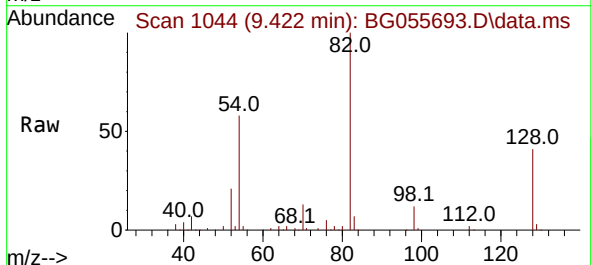
Instrument :
BNA_G
ClientSampleId :
PB149038TB

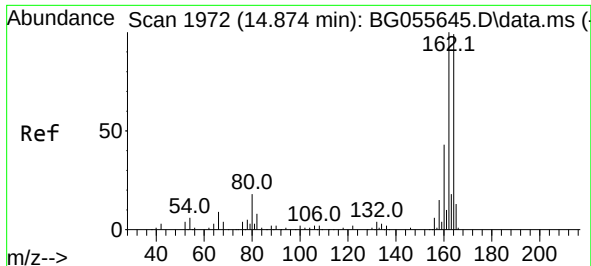
Tgt Ion:	136	Resp:	118380
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.9	7.8	11.6
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 83.835 ng
RT: 9.422 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG055693.D
Acq: 18 Nov 2022 16:45

Tgt Ion:	82	Resp:	187767
Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.1	51.1
54	57.9	47.3	70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.874 min Scan# 1972

Delta R.T. 0.000 min

Lab File: BG055693.D

Acq: 18 Nov 2022 16:45

Instrument :

BNA_G

ClientSampleId :

PB149038TB

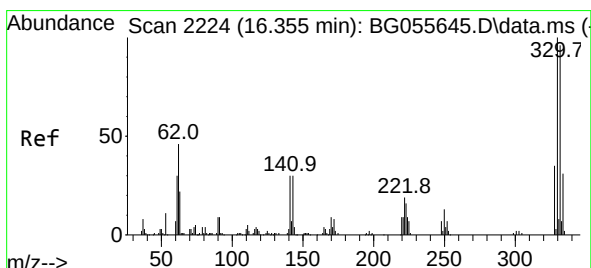
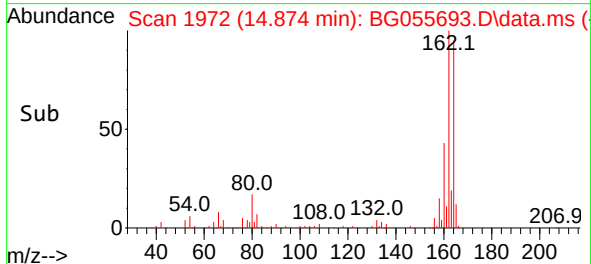
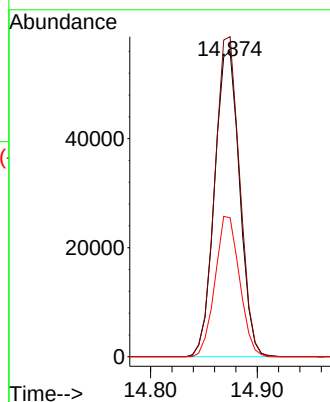
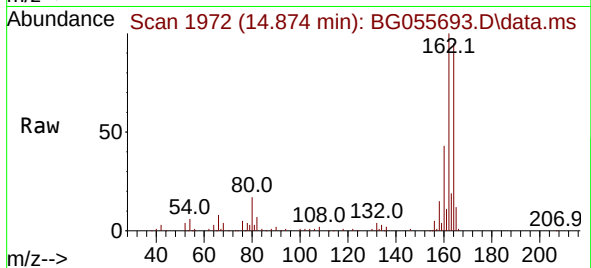
Tgt Ion:164 Resp: 91362

Ion Ratio Lower Upper

164 100

162 104.8 81.1 121.7

160 45.5 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 147.438 ng

RT: 16.355 min Scan# 2224

Delta R.T. 0.000 min

Lab File: BG055693.D

Acq: 18 Nov 2022 16:45

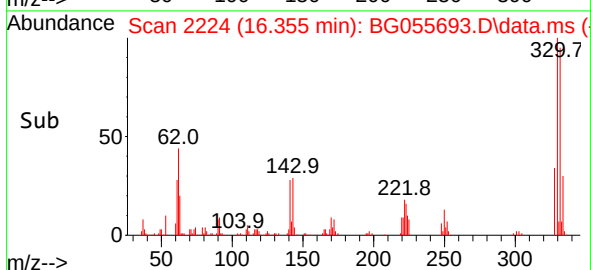
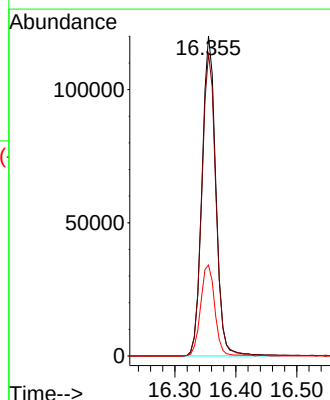
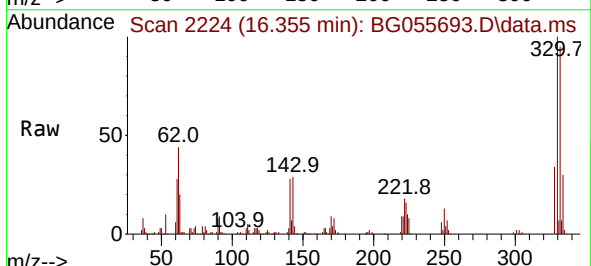
Tgt Ion:330 Resp: 189678

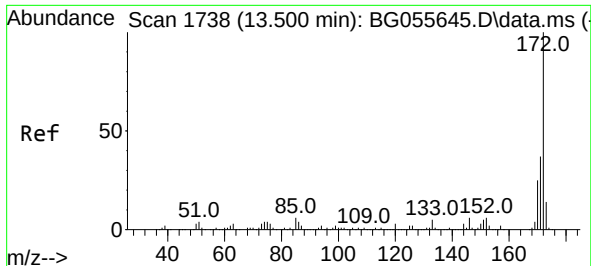
Ion Ratio Lower Upper

330 100

332 95.9 77.8 116.8

141 29.2 23.9 35.9

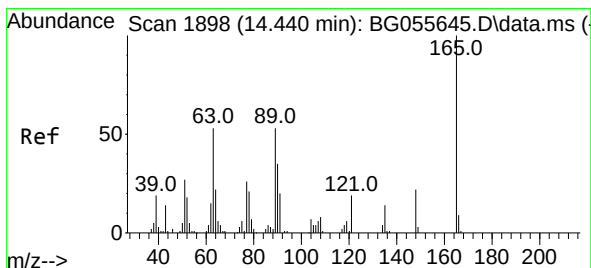
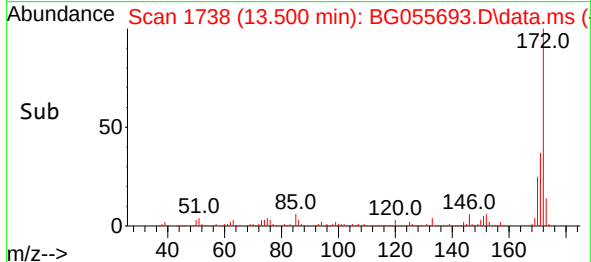
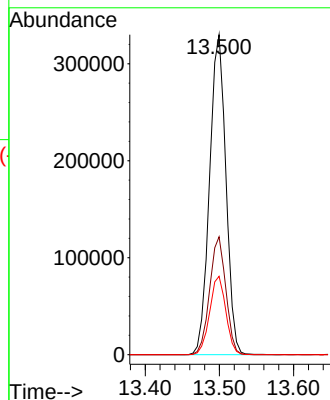
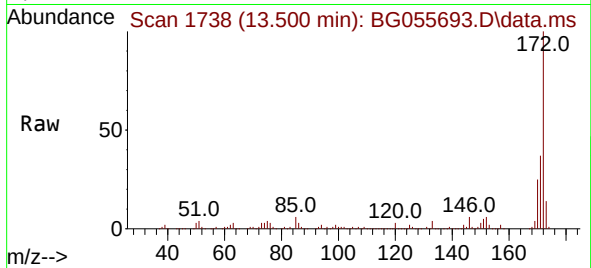




#45
2-Fluorobiphenyl
Concen: 82.746 ng
RT: 13.500 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055693.D
Acq: 18 Nov 2022 16:45

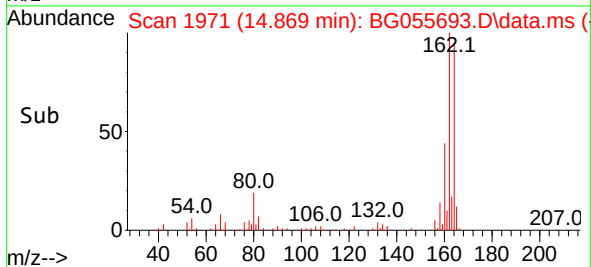
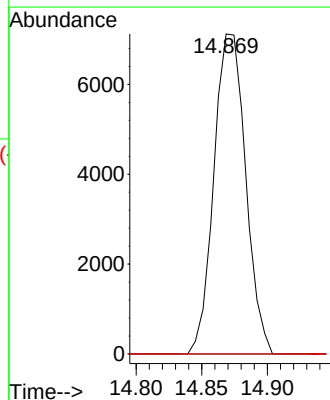
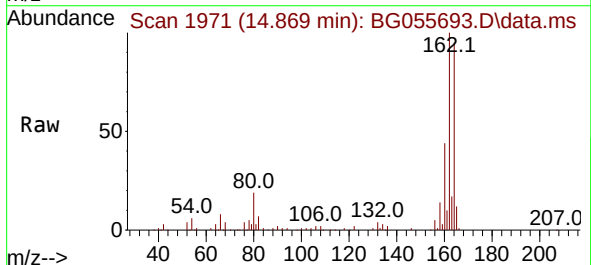
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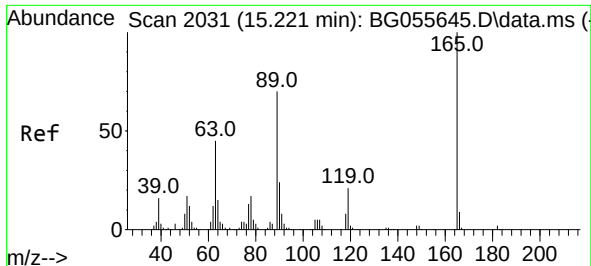
Tgt Ion:172 Resp: 504617
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.5 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.053 ng
RT: 14.869 min Scan# 1971
Delta R.T. 0.429 min
Lab File: BG055693.D
Acq: 18 Nov 2022 16:45

Tgt Ion:165 Resp: 11992
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#

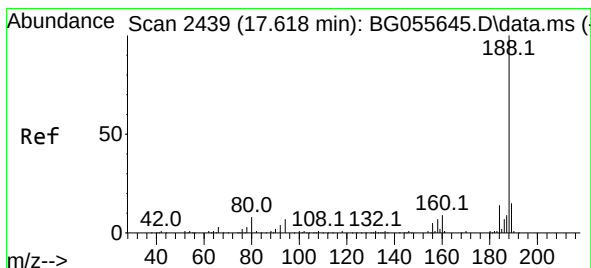
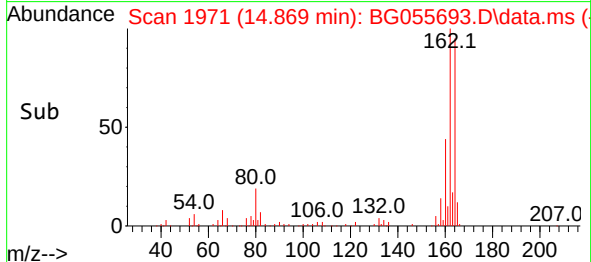
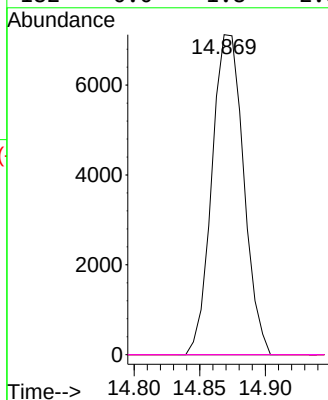
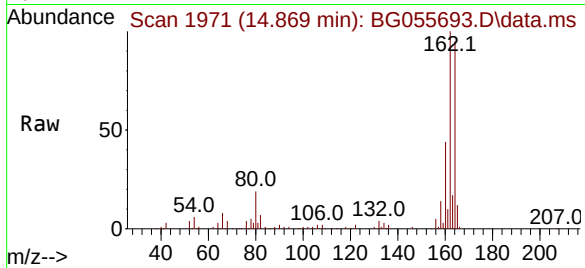




#57
2,4-Dinitrotoluene
Concen: 5.712 ng
RT: 14.869 min Scan# 14
Delta R.T. -0.352 min
Lab File: BG055693.D
Acq: 18 Nov 2022 16:45

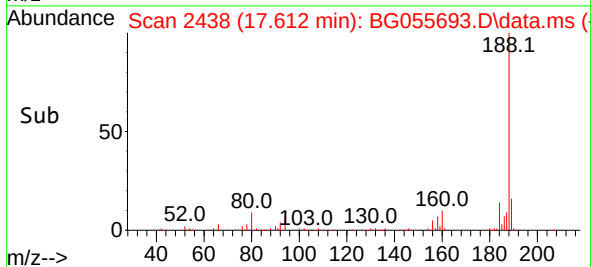
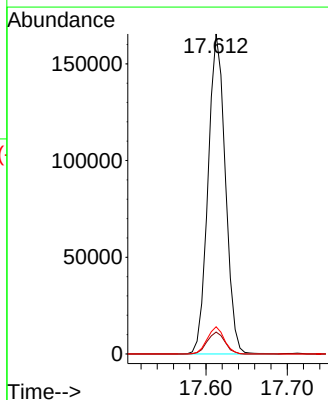
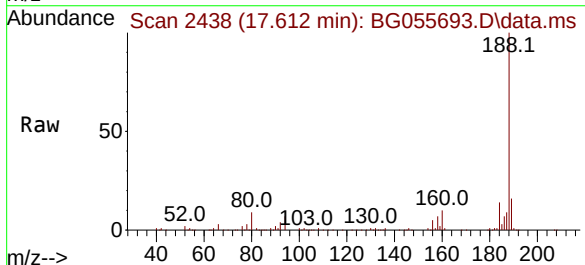
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ClientSampleId :
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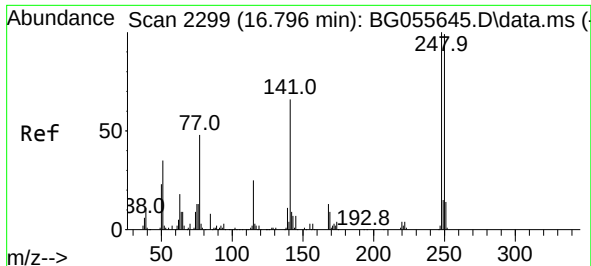
Tgt Ion:165	Resp:	11992
Ion Ratio	Lower	Upper
165	100	
63	0.0	35.8 53.8#
89	0.0	56.2 84.4#
182	0.0	1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG055693.D
Acq: 18 Nov 2022 16:45

Tgt Ion:188	Resp:	244291
Ion Ratio	Lower	Upper
188	100	
94	6.9	5.4 8.2
80	8.5	6.6 10.0

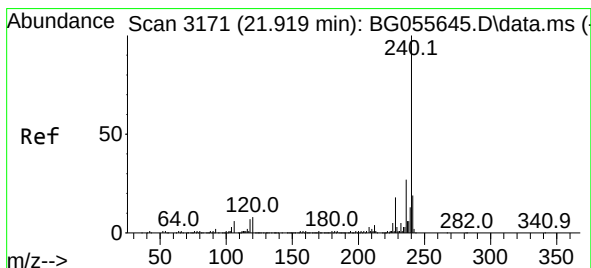
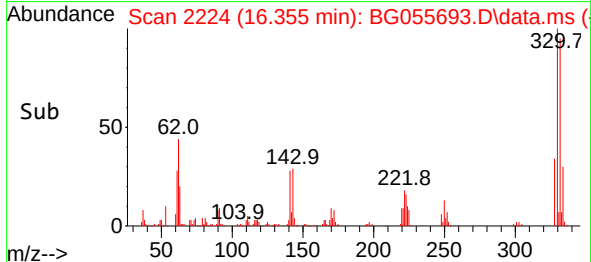
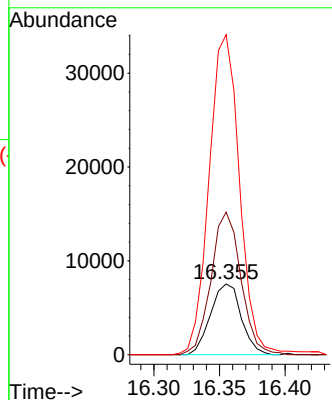
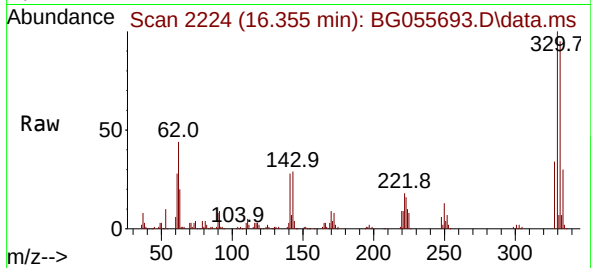




#67
4-Bromophenyl-phenylether
Concen: 4.394 ng
RT: 16.355 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG055693.D
Acq: 18 Nov 2022 16:45

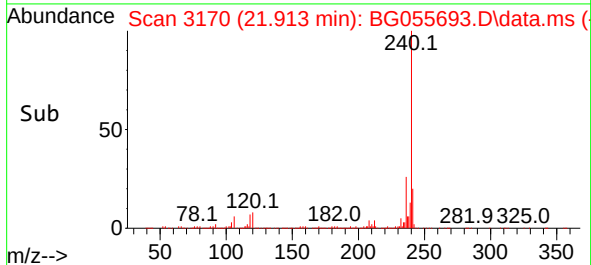
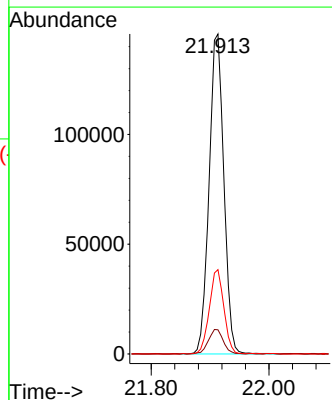
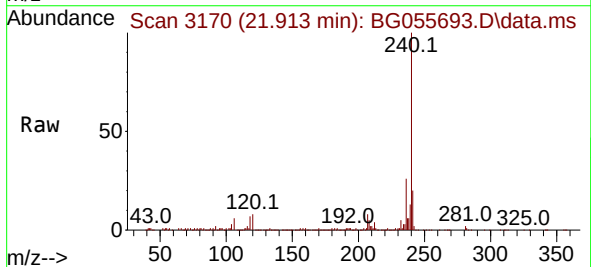
Instrument :
BNA_G
ClientSampleId :
PB149038TB

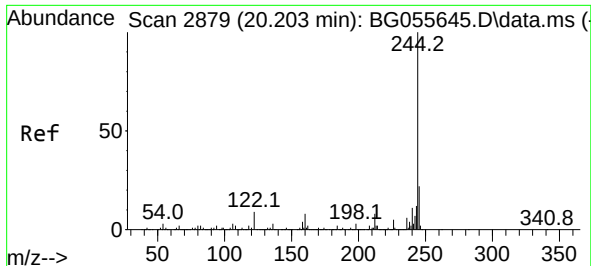
Tgt Ion:248 Resp: 12231
Ion Ratio Lower Upper
248 100
250 201.8 79.0 118.4#
141 452.8 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3170
Delta R.T. -0.006 min
Lab File: BG055693.D
Acq: 18 Nov 2022 16:45

Tgt Ion:240 Resp: 254113
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 26.4 21.9 32.9

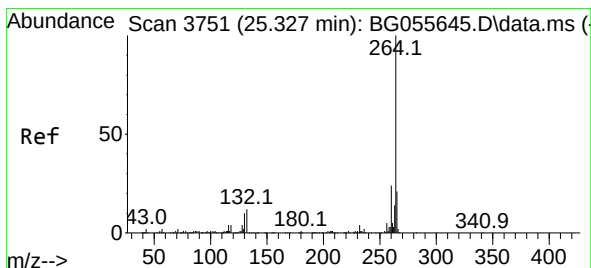
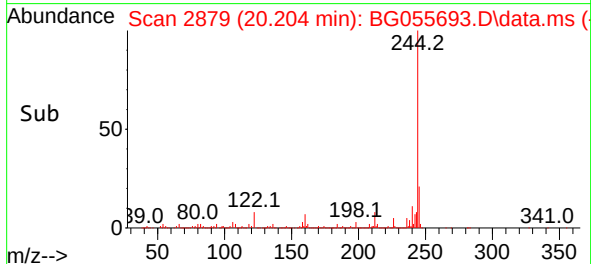
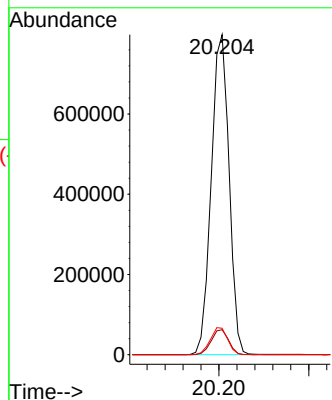
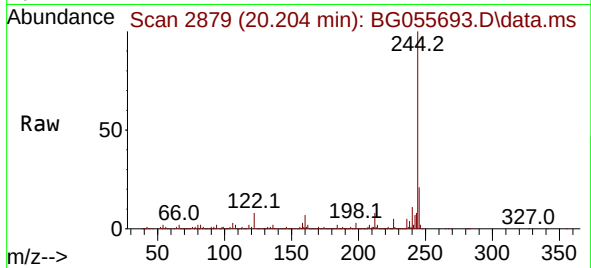




#79
 Terphenyl-d14
 Concen: 86.459 ng
 RT: 20.204 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055693.D
 Acq: 18 Nov 2022 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB149038TB

Tgt Ion:244 Resp: 1098445
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.3 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.327 min Scan# 3751
 Delta R.T. 0.000 min
 Lab File: BG055693.D
 Acq: 18 Nov 2022 16:45

Tgt Ion:264 Resp: 266643
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.4 17.1 25.7

