

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055799.D
 Acq On : 28 Nov 2022 10:38
 Operator : CG/JU
 Sample : PB149283BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149283BL

Quant Time: Nov 29 02:05:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 02:02:15 2022
 Response via : Initial Calibration

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

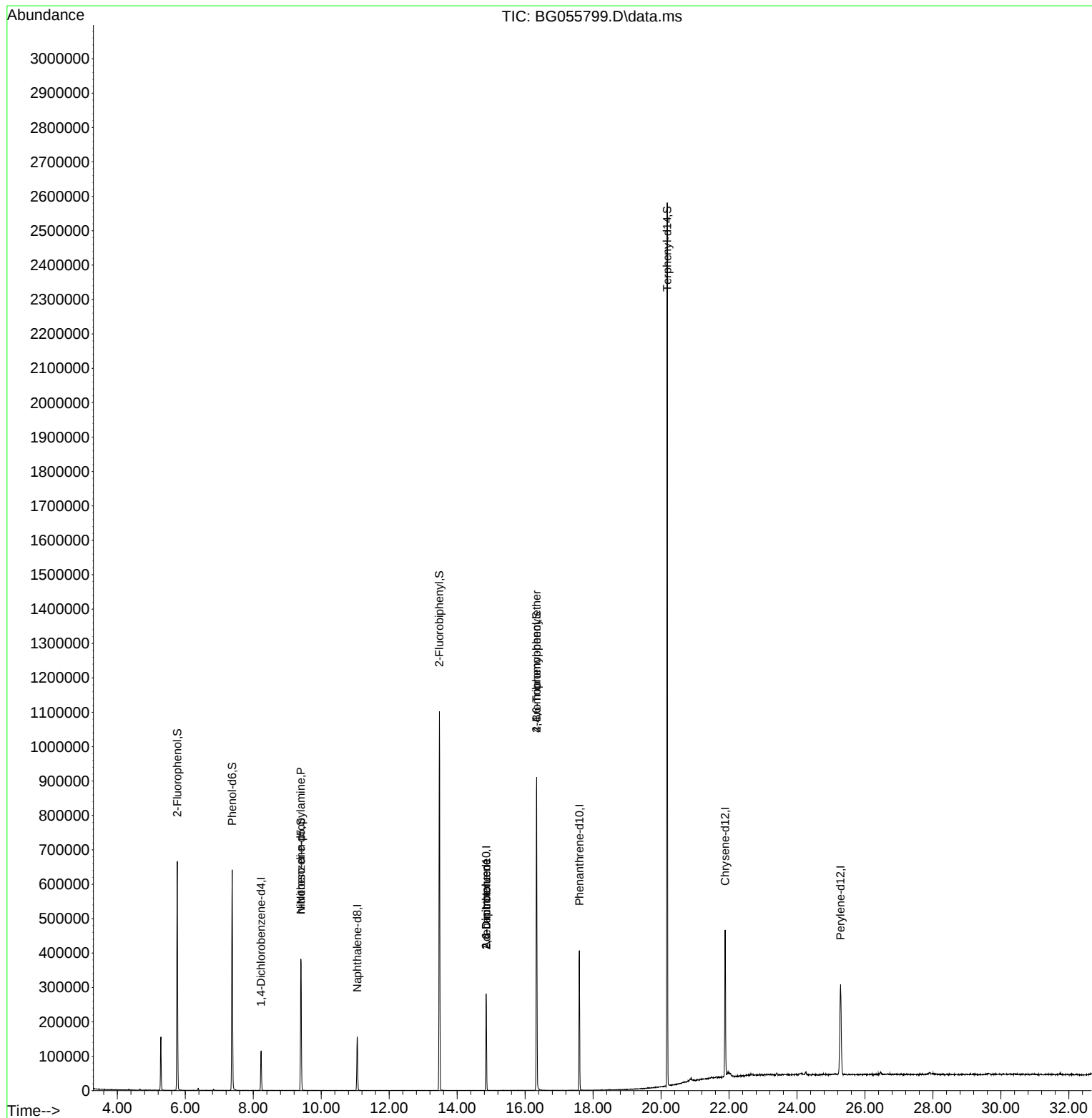
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	33099	20.000	ng	0.00
21) Naphthalene-d8	11.057	136	136166	20.000	ng	0.00
39) Acenaphthene-d10	14.853	164	101821	20.000	ng	0.00
64) Phenanthrene-d10	17.597	188	260235	20.000	ng	0.00
76) Chrysene-d12	21.886	240	274552	20.000	ng	0.00
86) Perylene-d12	25.282	264	290862	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	283653	154.901	ng	0.00
7) Phenol-d6	7.379	99	366787	150.471	ng	0.00
23) Nitrobenzene-d5	9.401	82	228848	88.831	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	198106	138.171	ng	0.00
45) 2-Fluorobiphenyl	13.478	172	576936	84.887	ng	0.00
79) Terphenyl-d14	20.182	244	1255854	91.490	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.401	70	30127	16.086	ng	# 75
51) 2,6-Dinitrotoluene	14.853	165	13038	7.856	ng	# 24
57) 2,4-Dinitrotoluene	14.853	165	13038	5.572	ng	# 22
67) 4-Bromophenyl-phenylether	16.340	248	12919	4.357	ng	# 1

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

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BNA_G
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PB149283BL

Quant Time: Nov 29 02:05:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 02:02:15 2022
Response via : Initial Calibration

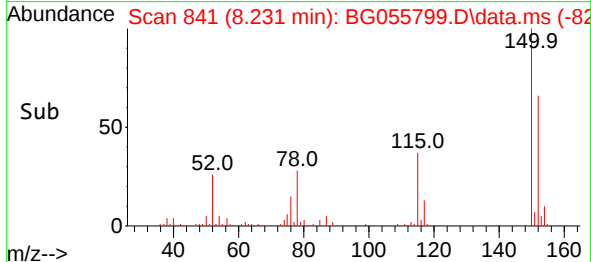
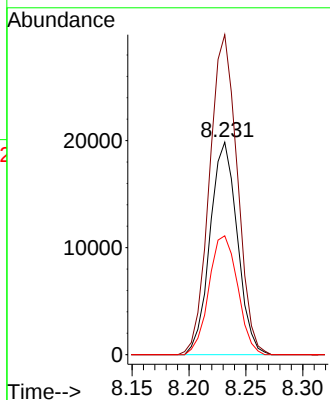
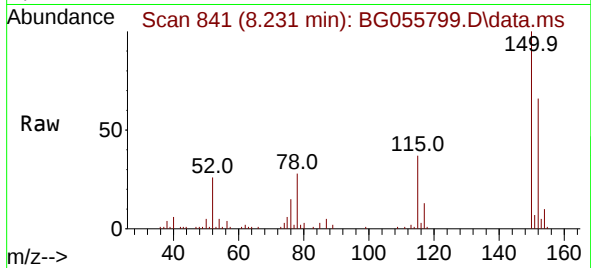




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.231 min Scan# 845
Delta R.T. 0.000 min
Lab File: BG055799.D
Acq: 28 Nov 2022 10:38

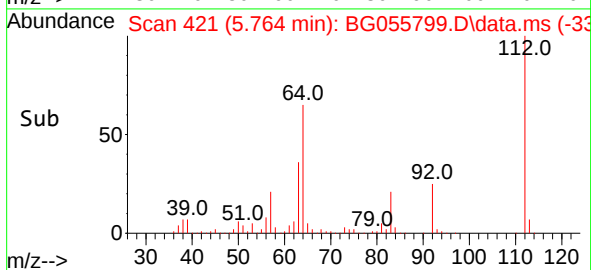
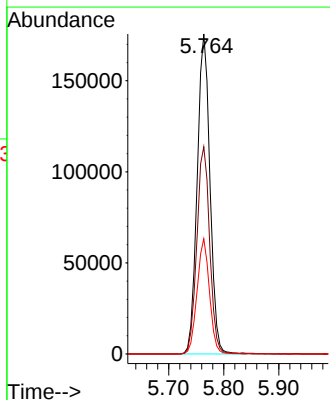
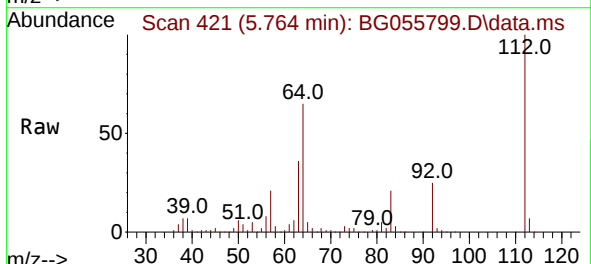
Instrument :
BNA_G
ClientSampleId :
PB149283BL

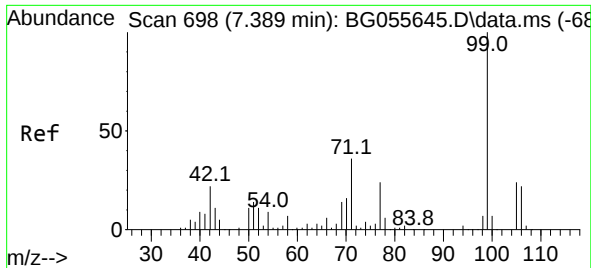
Tgt Ion:152 Resp: 33099
Ion Ratio Lower Upper
152 100
150 150.6 123.0 184.6
115 56.0 47.0 70.4



#5
2-Fluorophenol
Concen: 154.901 ng
RT: 5.764 min Scan# 421
Delta R.T. 0.006 min
Lab File: BG055799.D
Acq: 28 Nov 2022 10:38

Tgt Ion:112 Resp: 283653
Ion Ratio Lower Upper
112 100
64 64.8 50.6 76.0
63 36.0 27.5 41.3

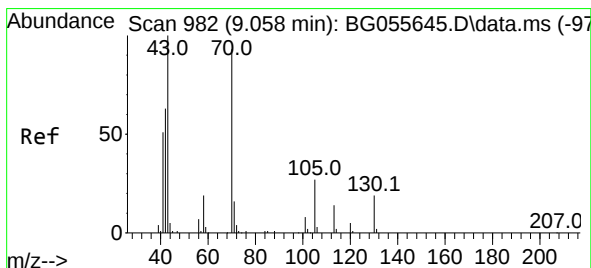
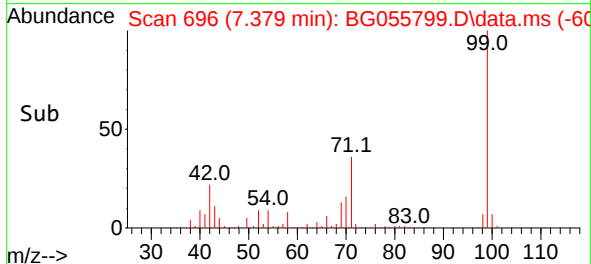
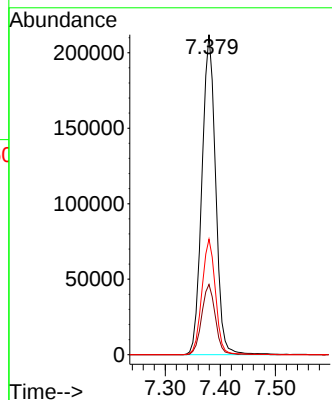
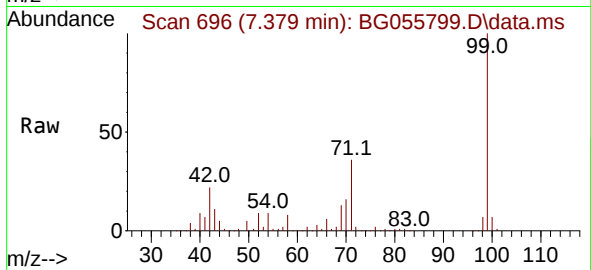




#7
Phenol-d6
Concen: 150.471 ng
RT: 7.379 min Scan# 696
Delta R.T. 0.000 min
Lab File: BG055799.D
Acq: 28 Nov 2022 10:38

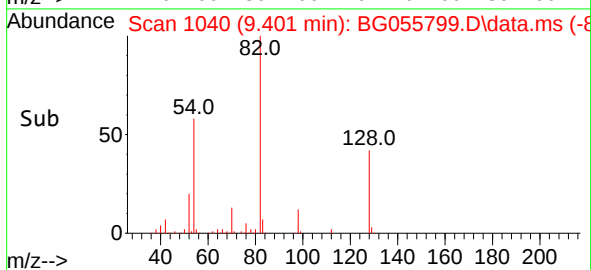
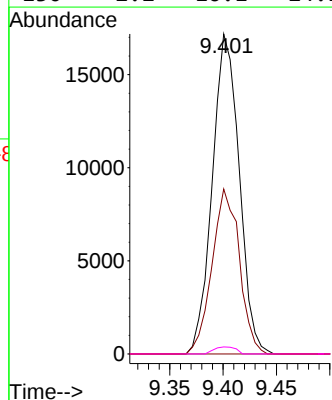
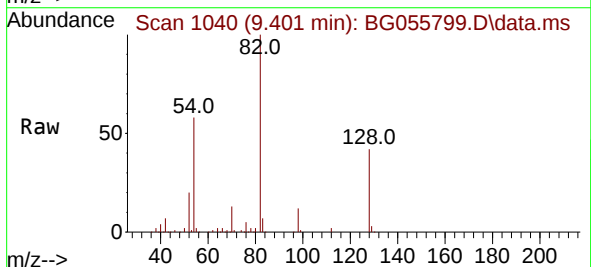
Instrument :
BNA_G
ClientSampleId :
PB149283BL

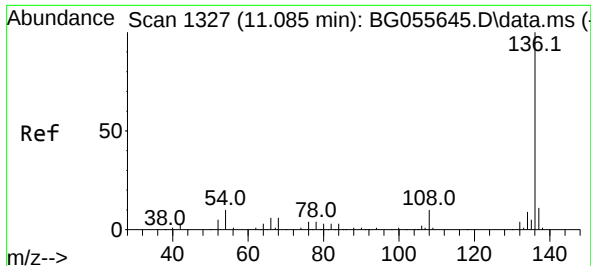
Tgt Ion: 99 Resp: 366787
Ion Ratio Lower Upper
99 100
42 22.0 18.0 27.0
71 36.1 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.086 ng
RT: 9.401 min Scan# 1040
Delta R.T. 0.364 min
Lab File: BG055799.D
Acq: 28 Nov 2022 10:38

Tgt Ion: 70 Resp: 30127
Ion Ratio Lower Upper
70 100
42 51.5 55.2 82.8#
101 0.0 7.1 10.7#
130 2.2 16.1 24.1#

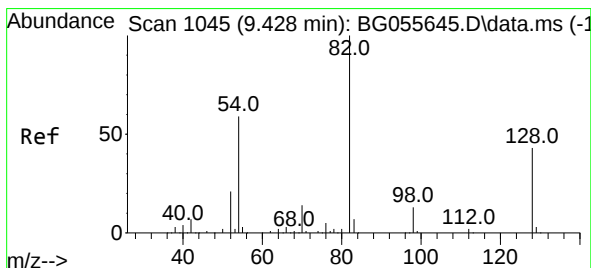
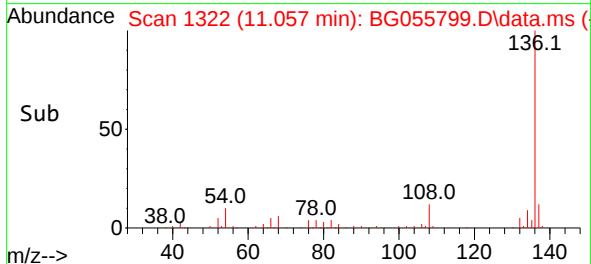
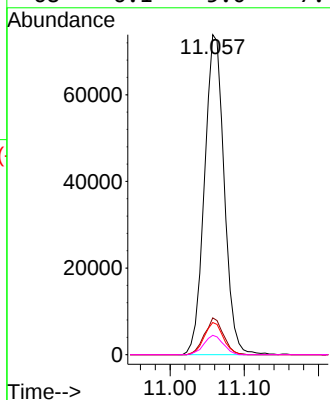
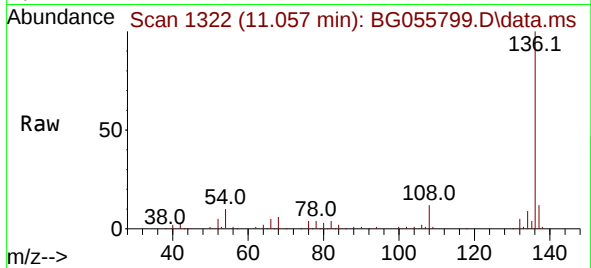




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055799.D
Acq: 28 Nov 2022 10:38

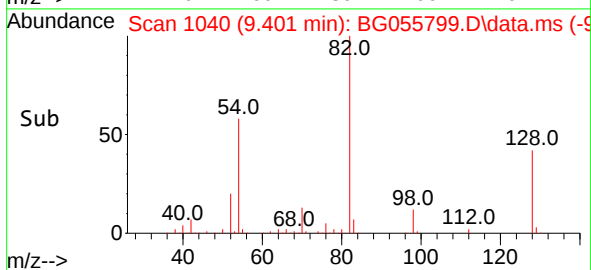
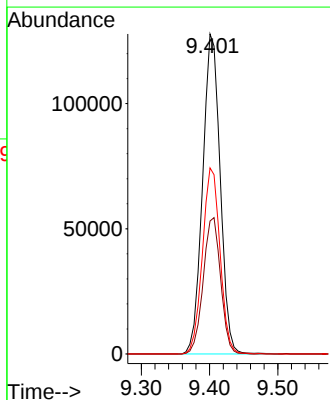
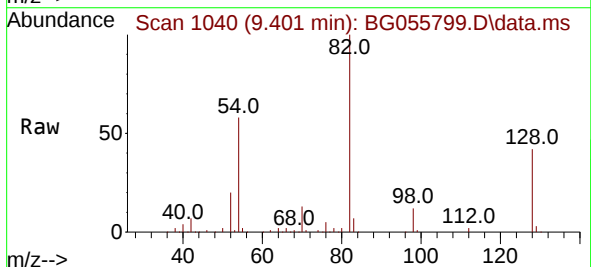
Instrument :
BNA_G
ClientSampleId :
PB149283BL

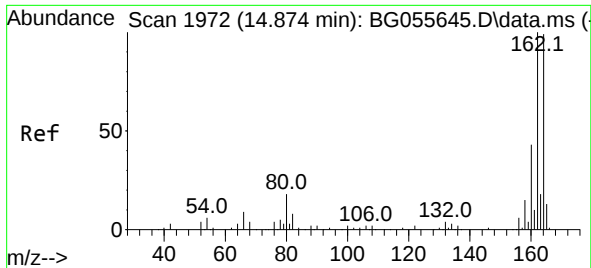
Tgt Ion:	136	Resp:	136166
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	10.0	7.8	11.6
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 88.831 ng
RT: 9.401 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BG055799.D
Acq: 28 Nov 2022 10:38

Tgt Ion:	82	Resp:	228848
Ion Ratio	Lower	Upper	
82	100		
128	41.5	34.1	51.1
54	58.1	47.3	70.9

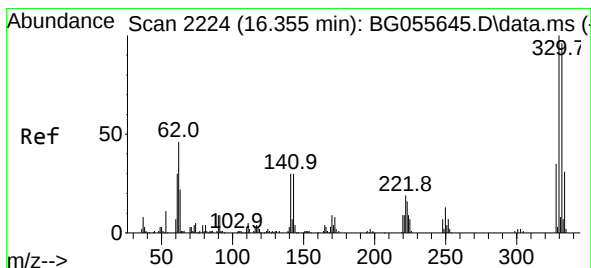
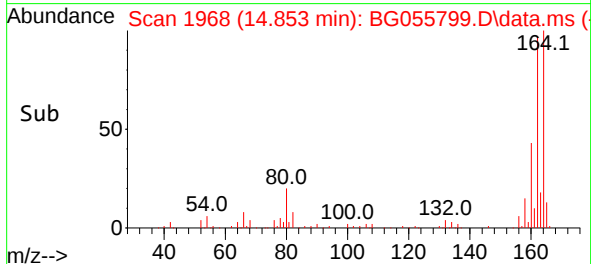
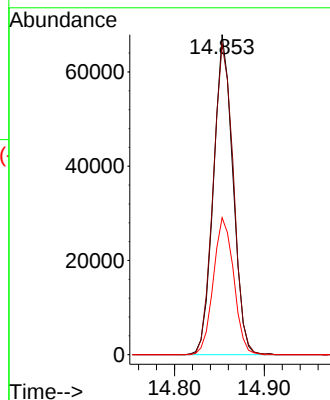
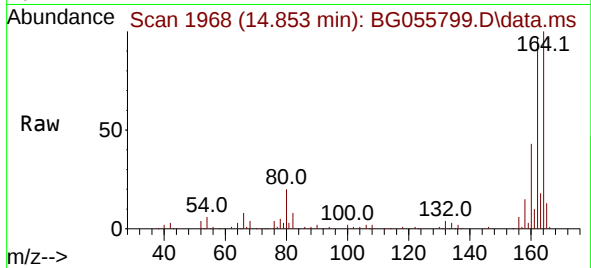




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.853 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG055799.D
Acq: 28 Nov 2022 10:38

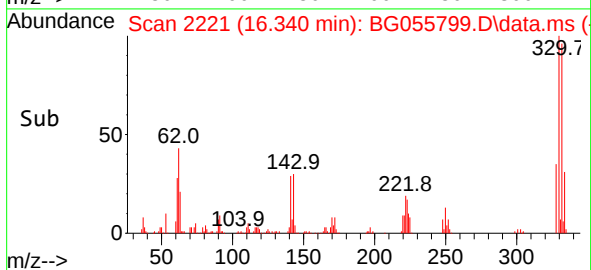
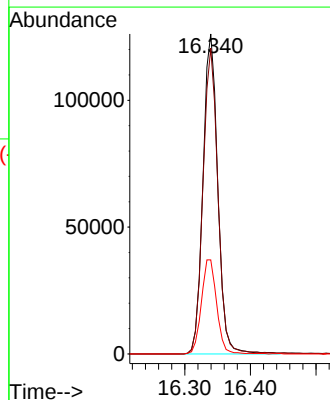
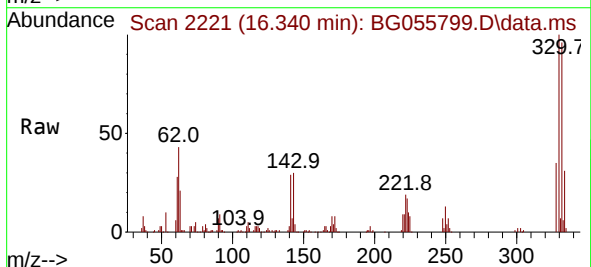
Instrument :
BNA_G
ClientSampleId :
PB149283BL

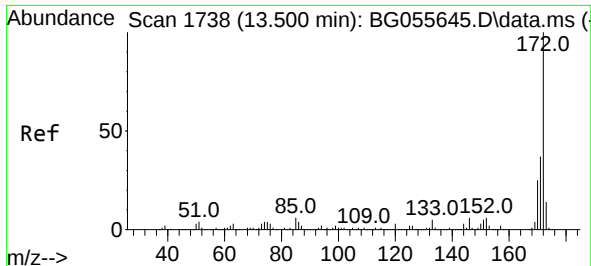
Tgt Ion:164 Resp: 101821
Ion Ratio Lower Upper
164 100
162 97.1 81.1 121.7
160 42.8 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 138.171 ng
RT: 16.340 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BG055799.D
Acq: 28 Nov 2022 10:38

Tgt Ion:330 Resp: 198106
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 30.4 23.9 35.9

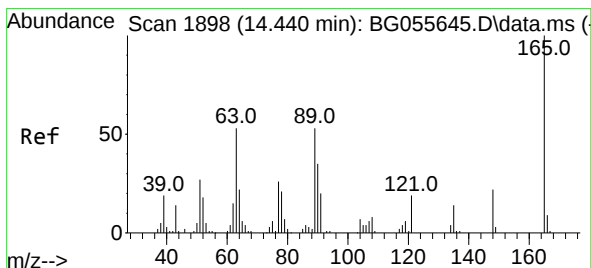
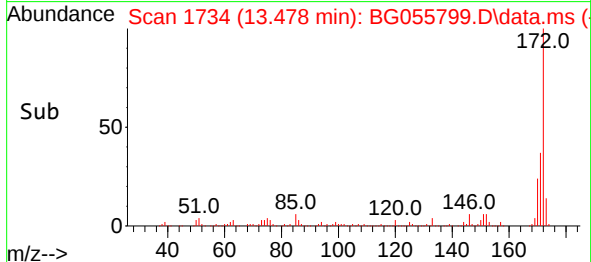
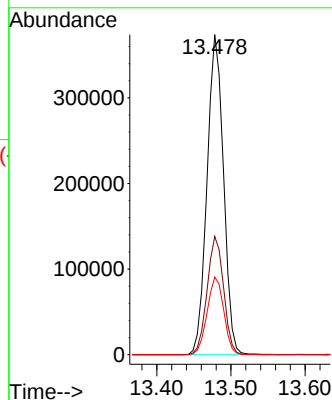
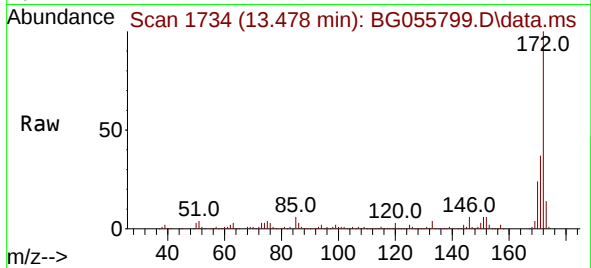




#45
2-Fluorobiphenyl
Concen: 84.887 ng
RT: 13.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055799.D
Acq: 28 Nov 2022 10:38

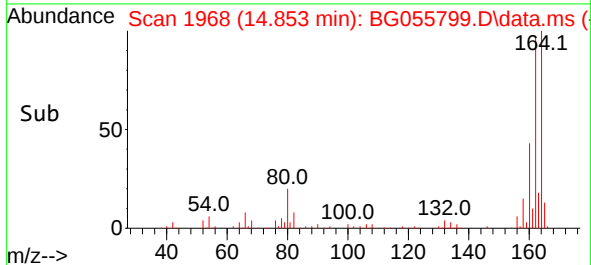
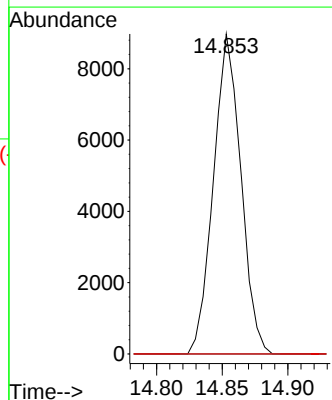
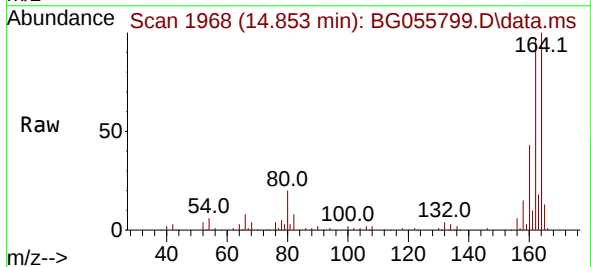
Instrument :
BNA_G
ClientSampleId :
PB149283BL

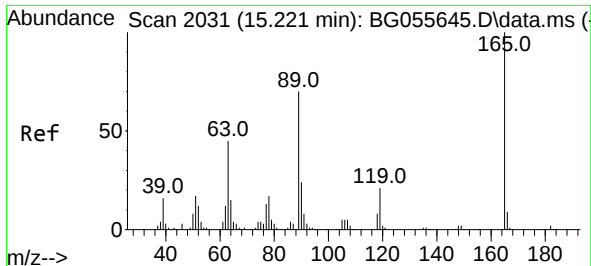
Tgt Ion:172 Resp: 576936
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.3 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.856 ng
RT: 14.853 min Scan# 1968
Delta R.T. 0.429 min
Lab File: BG055799.D
Acq: 28 Nov 2022 10:38

Tgt Ion:165 Resp: 13038
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: 5.572 ng

RT: 14.853 min Scan# 1968

Delta R.T. -0.358 min

Lab File: BG055799.D

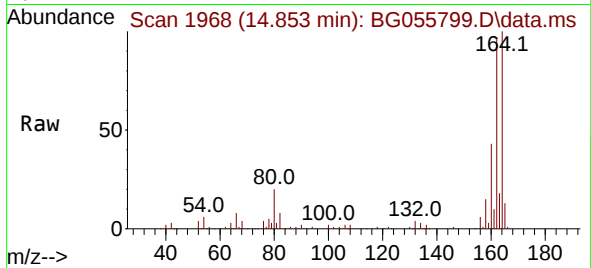
Acq: 28 Nov 2022 10:38

Instrument :

BNA_G

ClientSampleId :

PB149283BL



Tgt Ion:165 Resp: 13038

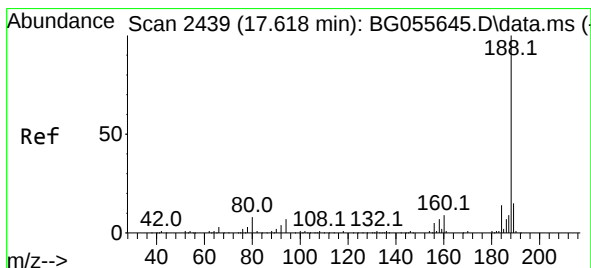
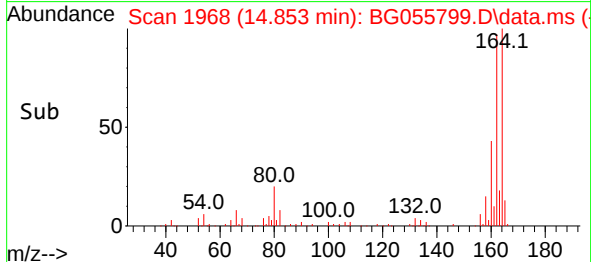
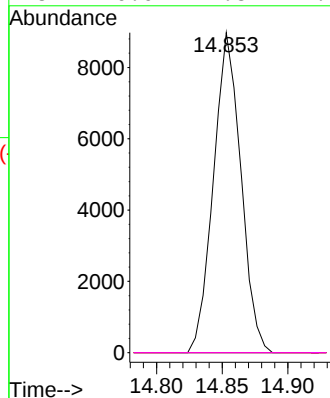
Ion Ratio Lower Upper

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: 17.597 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BG055799.D

Acq: 28 Nov 2022 10:38

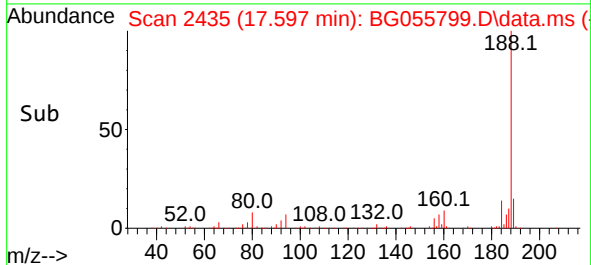
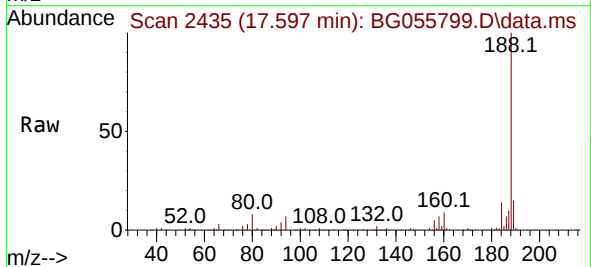
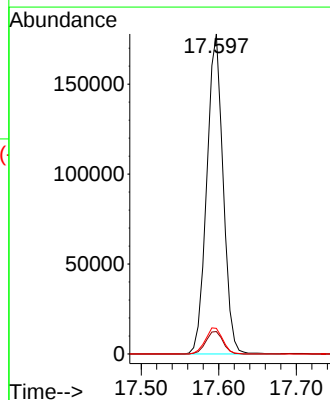
Tgt Ion:188 Resp: 260235

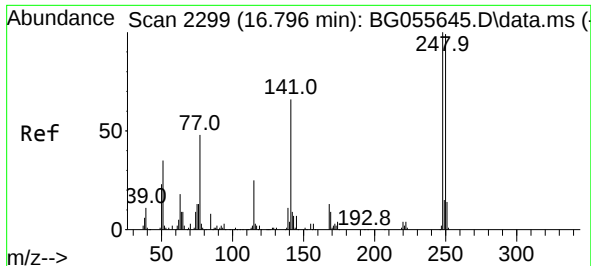
Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 8.0 6.6 10.0

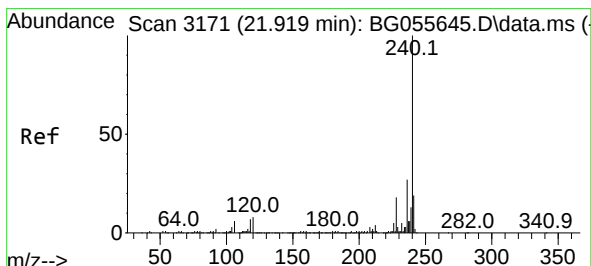
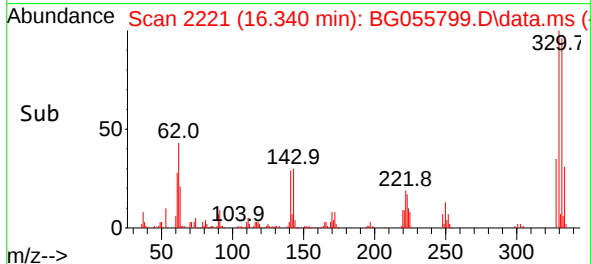
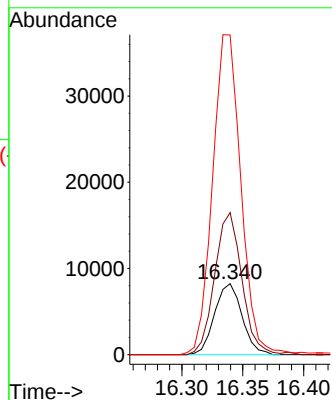
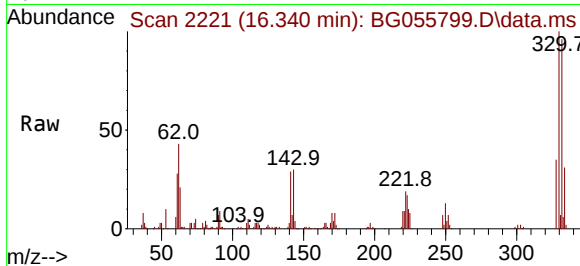




#67
4-Bromophenyl-phenylether
Concen: 4.357 ng
RT: 16.340 min Scan# 211
Delta R.T. -0.435 min
Lab File: BG055799.D
Acq: 28 Nov 2022 10:38

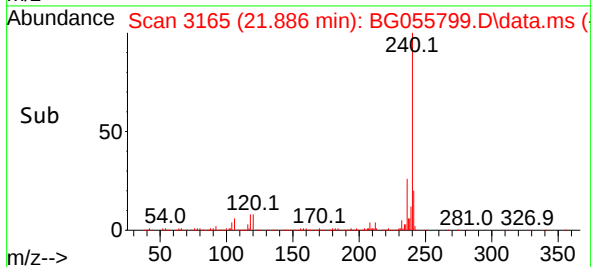
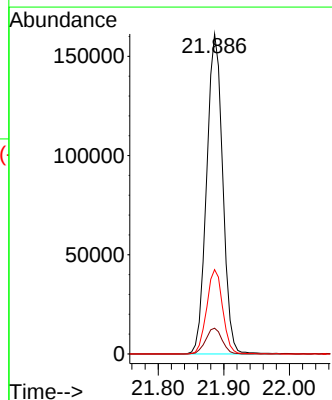
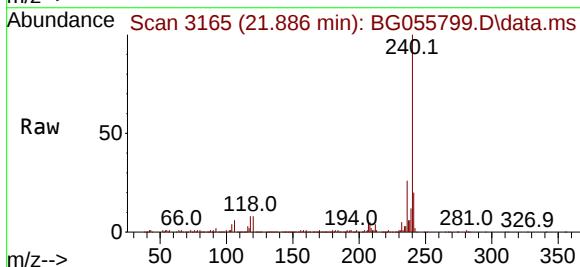
Instrument :
BNA_G
ClientSampleId :
PB149283BL

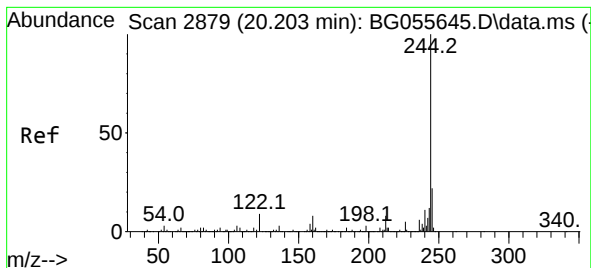
Tgt Ion:248 Resp: 12919
Ion Ratio Lower Upper
248 100
250 199.9 79.0 118.4#
141 449.6 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.886 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055799.D
Acq: 28 Nov 2022 10:38

Tgt Ion:240 Resp: 274552
Ion Ratio Lower Upper
240 100
120 8.1 6.3 9.5
236 26.4 21.9 32.9





#79

Terphenyl-d14

Concen: 91.490 ng

RT: 20.182 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG055799.D

Acq: 28 Nov 2022 10:38

Instrument :

BNA_G

ClientSampleId :

PB149283BL

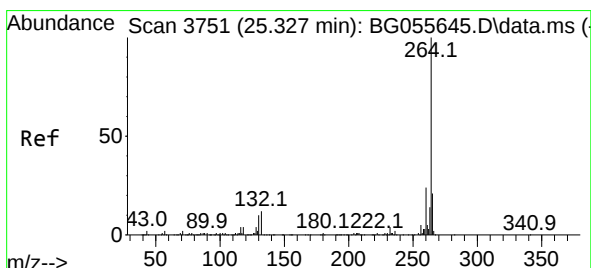
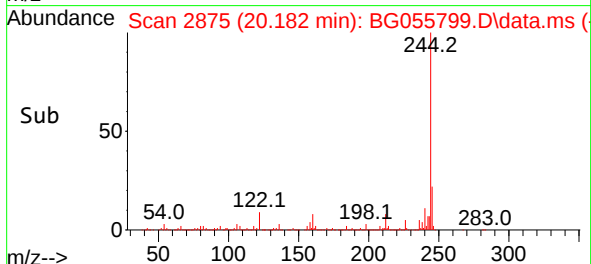
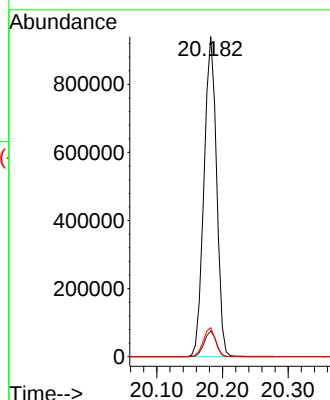
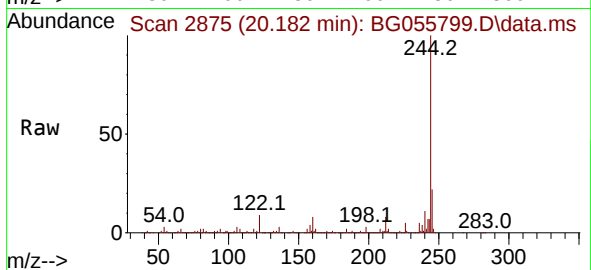
Tgt Ion:244 Resp: 1255854

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

122 9.0 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.282 min Scan# 3743

Delta R.T. -0.006 min

Lab File: BG055799.D

Acq: 28 Nov 2022 10:38

Tgt Ion:264 Resp: 290862

Ion Ratio Lower Upper

264 100

260 25.4 19.5 29.3

265 21.2 17.1 25.7

