

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112922\
 Data File : BG055823.D
 Acq On : 29 Nov 2022 10:54
 Operator : CG/JU
 Sample : PB149290BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149290BL

Quant Time: Nov 30 02:08:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 02:01:09 2022
 Response via : Initial Calibration

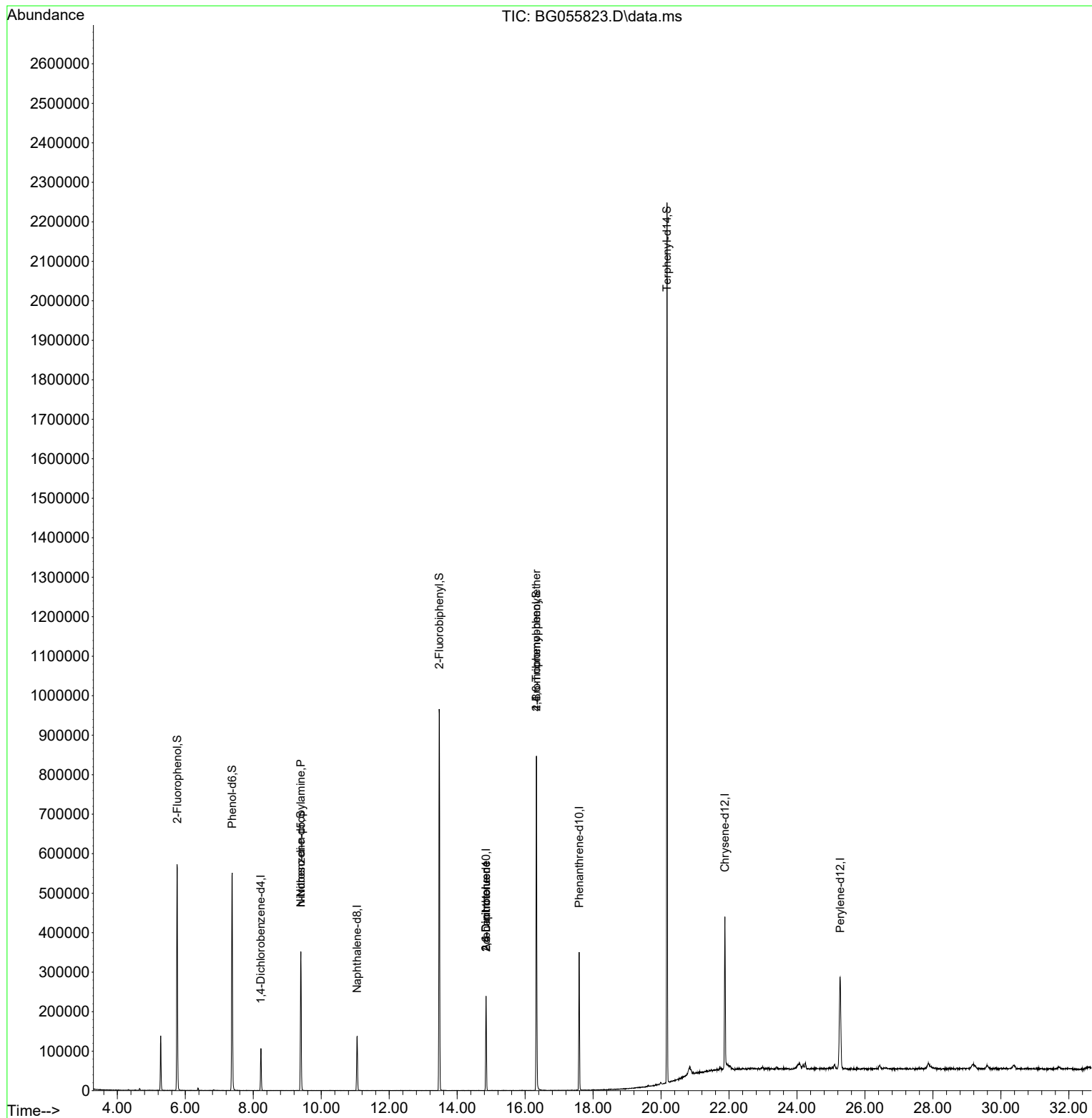
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	31098	20.000	ng	0.00
21) Naphthalene-d8	11.050	136	122430	20.000	ng	0.00
39) Acenaphthene-d10	14.846	164	92342	20.000	ng	0.00
64) Phenanthrene-d10	17.589	188	229735	20.000	ng	0.00
76) Chrysene-d12	21.879	240	248488	20.000	ng	0.00
86) Perylene-d12	25.269	264	266000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	252371	146.686	ng	0.00
7) Phenol-d6	7.378	99	320892	140.113	ng	0.00
23) Nitrobenzene-d5	9.399	82	205897	88.889	ng	0.00
42) 2,4,6-Tribromophenol	16.332	330	181097	139.274	ng	0.00
45) 2-Fluorobiphenyl	13.477	172	535457	86.871	ng	0.00
79) Terphenyl-d14	20.175	244	1115309	89.773	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.399	70	27533	15.647	ng	# 74
51) 2,6-Dinitrotoluene	14.846	165	11938	7.932	ng	# 24
57) 2,4-Dinitrotoluene	14.846	165	11938	5.626	ng	# 22
67) 4-Bromophenyl-phenylether	16.332	248	11387	4.350	ng	# 1

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

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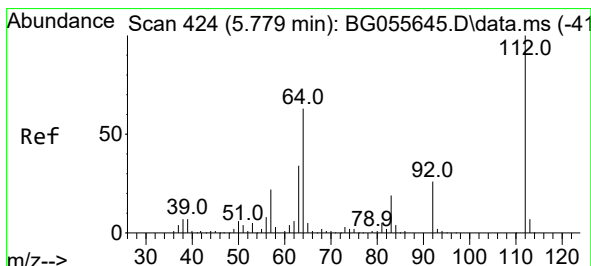
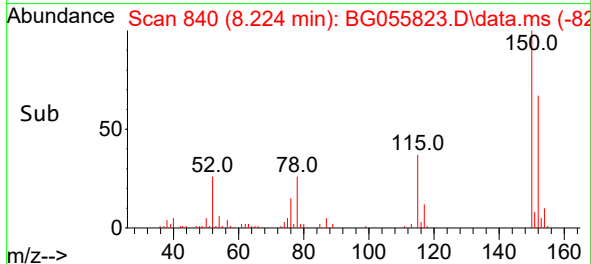
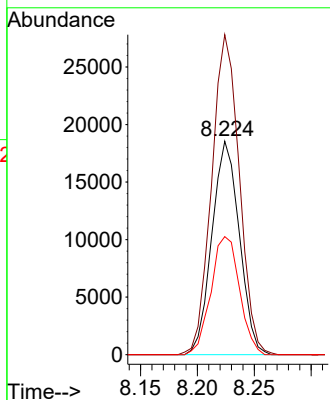
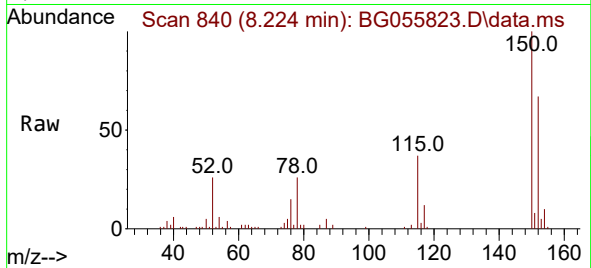




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055823.D
Acq: 29 Nov 2022 10:54

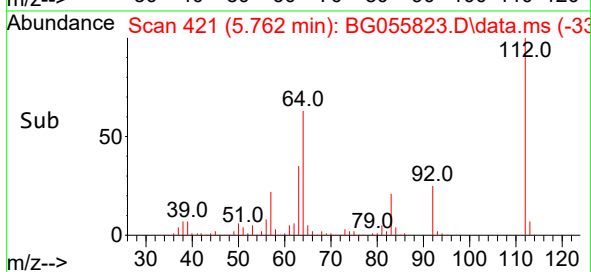
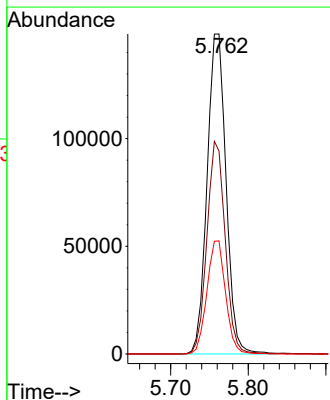
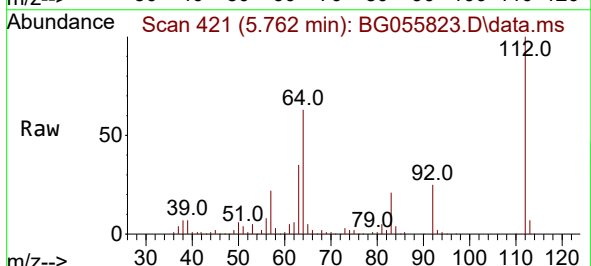
Instrument :
BNA_G
ClientSampleId :
PB149290BL

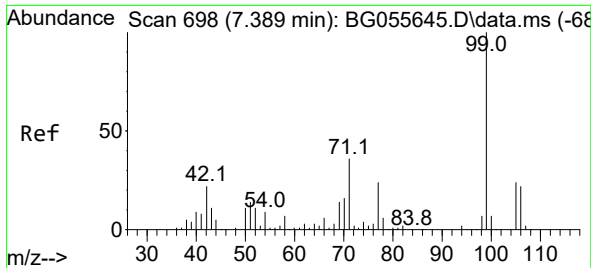
Tgt Ion:152 Resp: 31098
Ion Ratio Lower Upper
152 100
150 149.9 123.0 184.6
115 55.3 47.0 70.4



#5
2-Fluorophenol
Concen: 146.686 ng
RT: 5.762 min Scan# 421
Delta R.T. 0.004 min
Lab File: BG055823.D
Acq: 29 Nov 2022 10:54

Tgt Ion:112 Resp: 252371
Ion Ratio Lower Upper
112 100
64 63.5 50.6 76.0
63 35.4 27.5 41.3

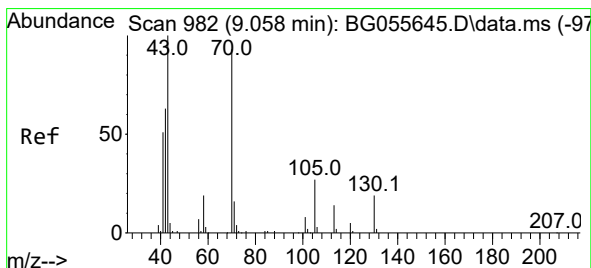
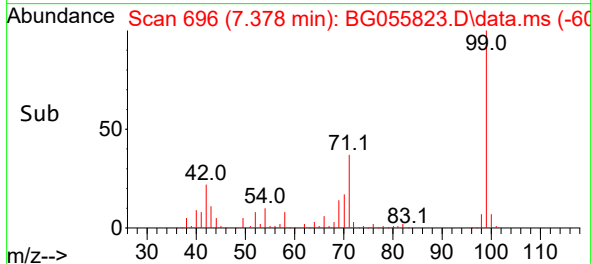
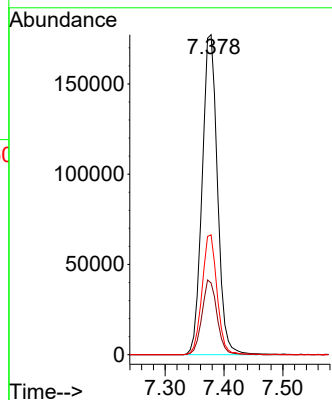
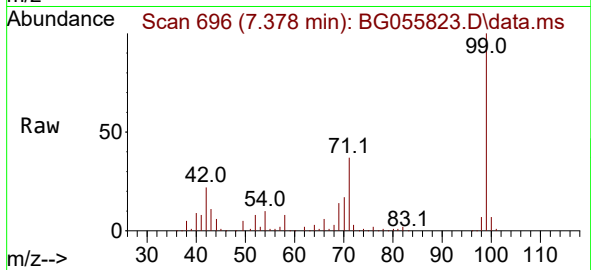




#7
Phenol-d6
Concen: 140.113 ng
RT: 7.378 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG055823.D
Acq: 29 Nov 2022 10:54

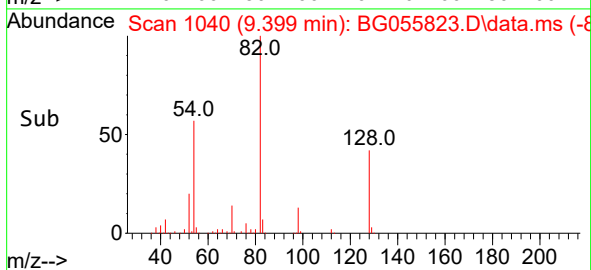
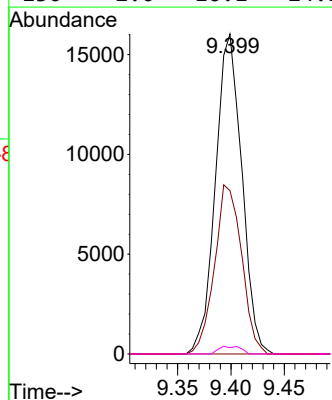
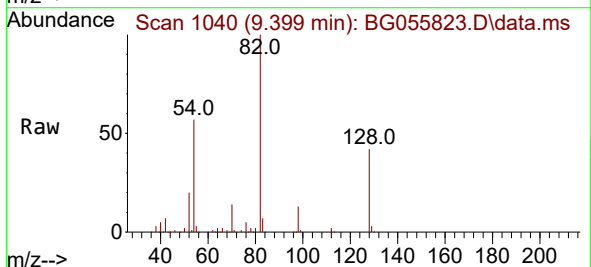
Instrument :
BNA_G
ClientSampleId :
PB149290BL

Tgt Ion: 99 Resp: 320892
Ion Ratio Lower Upper
99 100
42 22.4 18.0 27.0
71 37.5 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.647 ng
RT: 9.399 min Scan# 1040
Delta R.T. 0.368 min
Lab File: BG055823.D
Acq: 29 Nov 2022 10:54

Tgt Ion: 70 Resp: 27533
Ion Ratio Lower Upper
70 100
42 51.1 55.2 82.8#
101 0.0 7.1 10.7#
130 2.0 16.1 24.1#

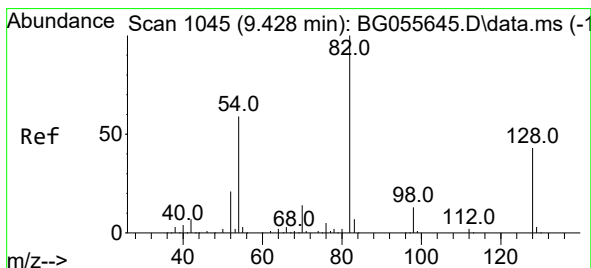
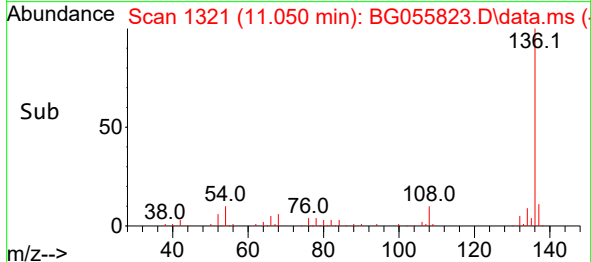
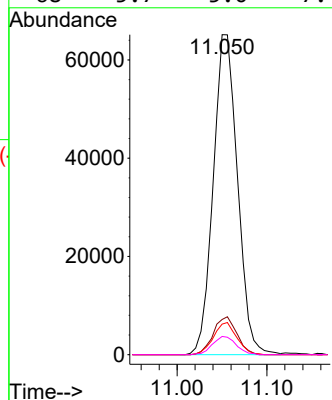
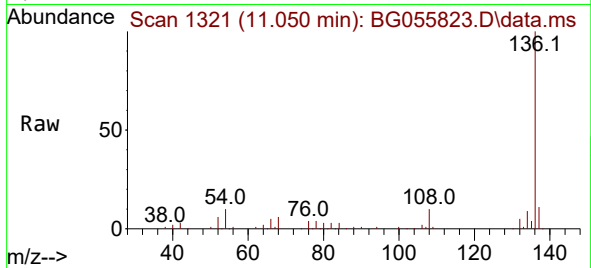




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.050 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG055823.D
Acq: 29 Nov 2022 10:54

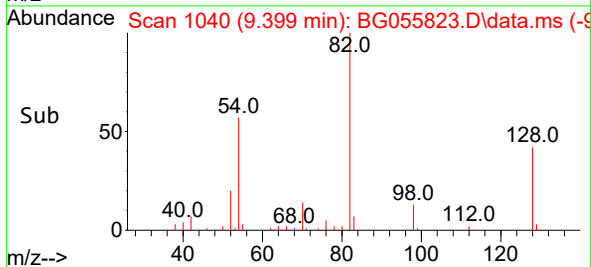
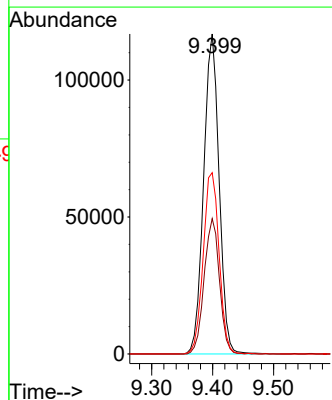
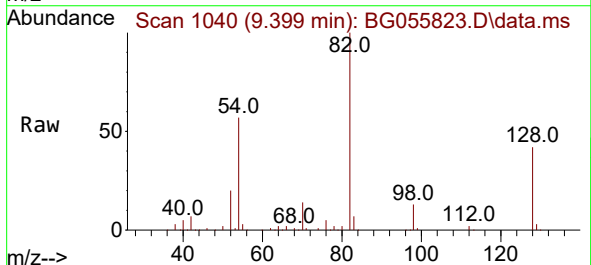
Instrument :
BNA_G
ClientSampleId :
PB149290BL

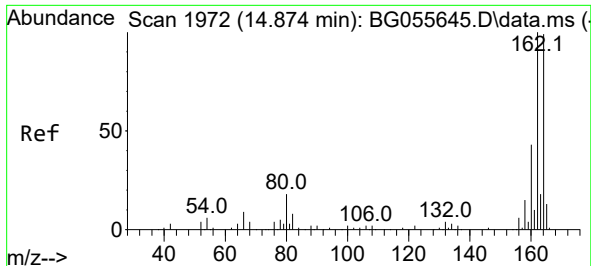
Tgt Ion:	136	Resp:	122430
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	9.6	7.8	11.6
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 88.889 ng
RT: 9.399 min Scan# 1040
Delta R.T. -0.002 min
Lab File: BG055823.D
Acq: 29 Nov 2022 10:54

Tgt Ion:	82	Resp:	205897
Ion Ratio	Lower	Upper	
82	100		
128	42.3	34.1	51.1
54	56.6	47.3	70.9

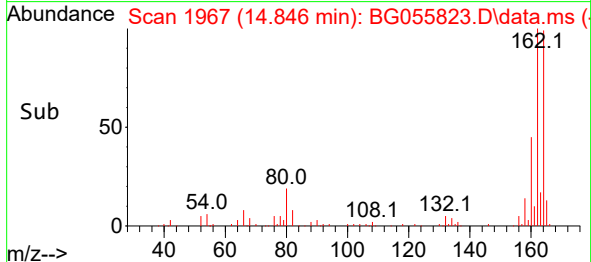
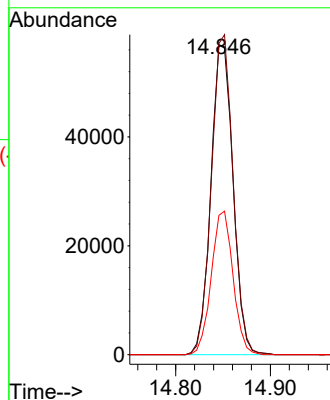
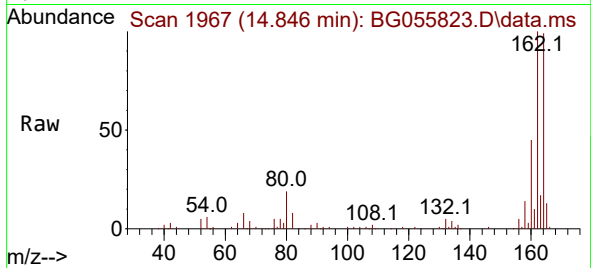




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.846 min Scan# 1972
Delta R.T. -0.008 min
Lab File: BG055823.D
Acq: 29 Nov 2022 10:54

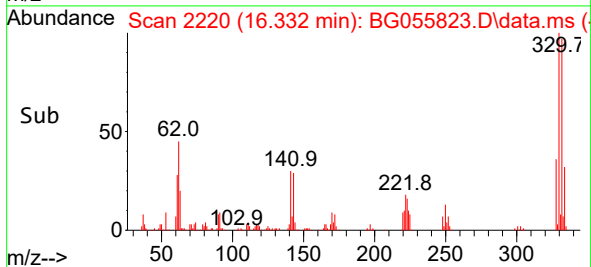
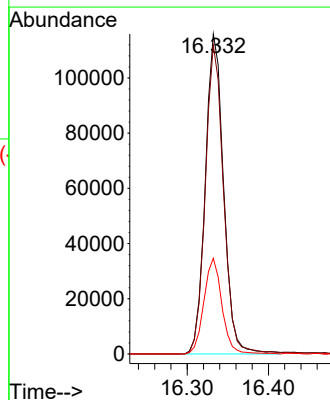
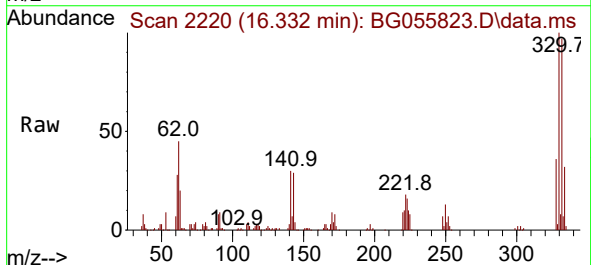
Instrument :
BNA_G
ClientSampleId :
PB149290BL

Tgt Ion:164 Resp: 92342
Ion Ratio Lower Upper
164 100
162 100.5 81.1 121.7
160 45.0 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 139.274 ng
RT: 16.332 min Scan# 2220
Delta R.T. -0.002 min
Lab File: BG055823.D
Acq: 29 Nov 2022 10:54

Tgt Ion:330 Resp: 181097
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 29.5 23.9 35.9

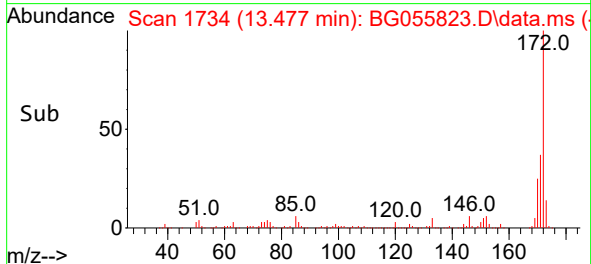
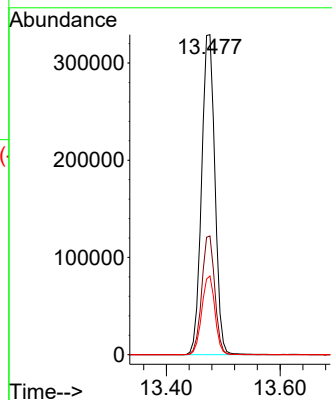
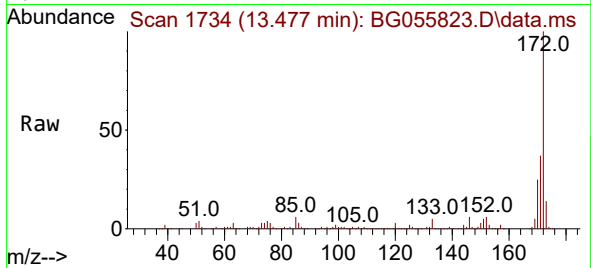




#45
2-Fluorobiphenyl
Concen: 86.871 ng
RT: 13.477 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG055823.D
Acq: 29 Nov 2022 10:54

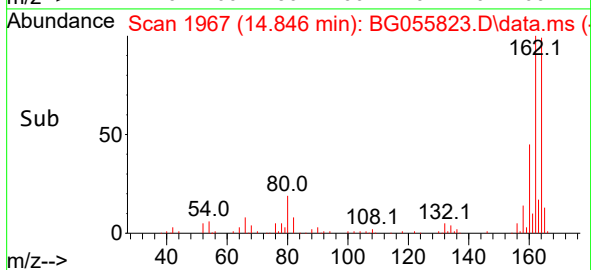
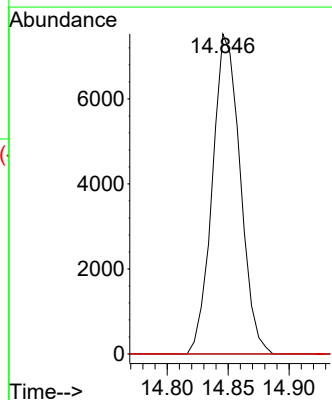
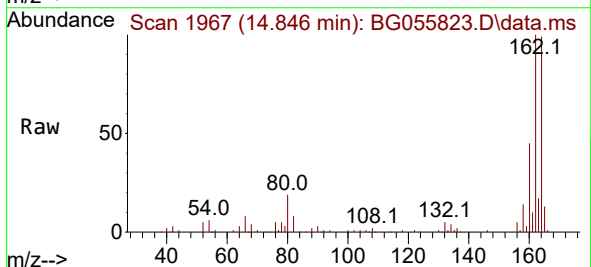
Instrument :
BNA_G
ClientSampleId :
PB149290BL

Tgt Ion:172 Resp: 535457
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 24.6 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.932 ng
RT: 14.846 min Scan# 1967
Delta R.T. 0.427 min
Lab File: BG055823.D
Acq: 29 Nov 2022 10:54

Tgt Ion:165 Resp: 11938
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: 5.626 ng

RT: 14.846 min Scan# 1967

Delta R.T. -0.360 min

Lab File: BG055823.D

Acq: 29 Nov 2022 10:54

Instrument :

BNA_G

ClientSampleId :

PB149290BL

Tgt Ion:165 Resp: 11938

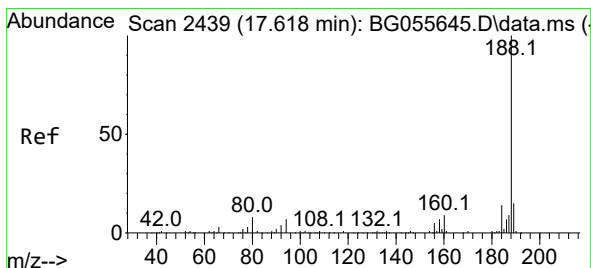
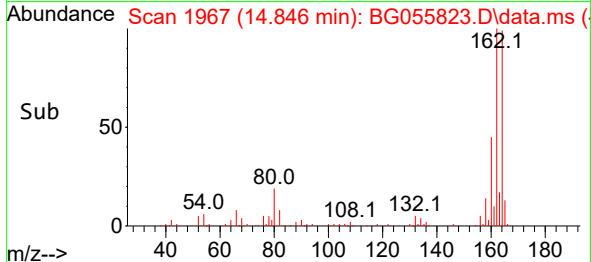
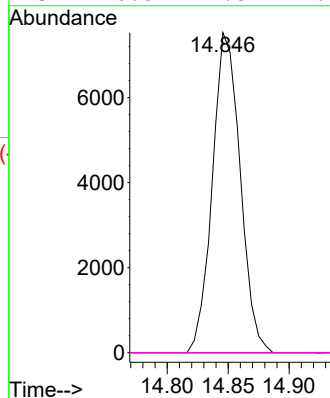
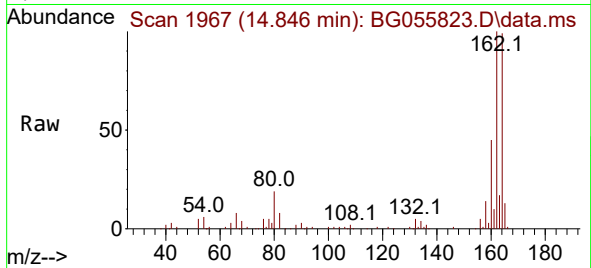
Ion Ratio Lower Upper

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: 17.589 min Scan# 2434

Delta R.T. -0.002 min

Lab File: BG055823.D

Acq: 29 Nov 2022 10:54

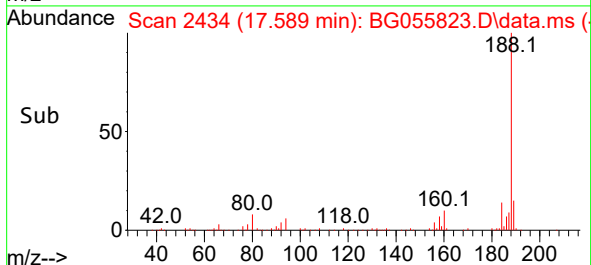
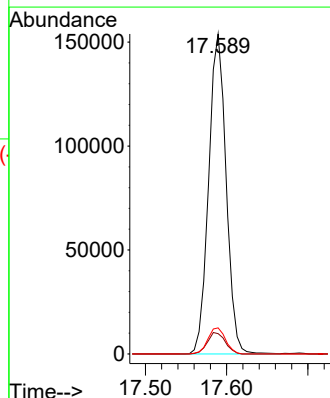
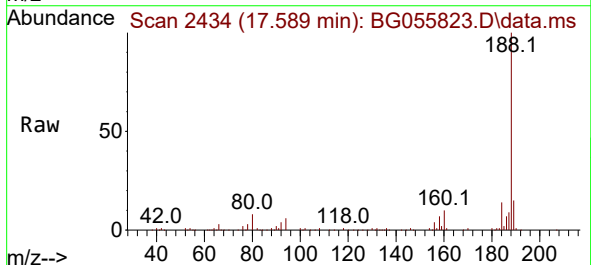
Tgt Ion:188 Resp: 229735

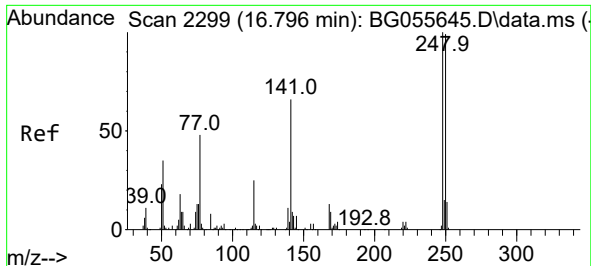
Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.2

80 8.2 6.6 10.0

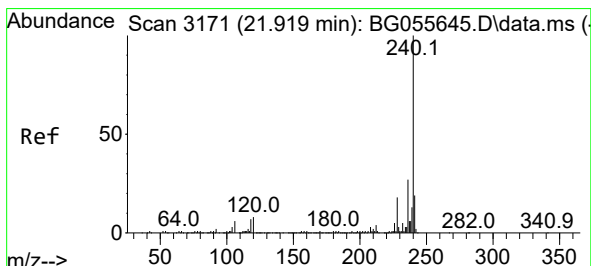
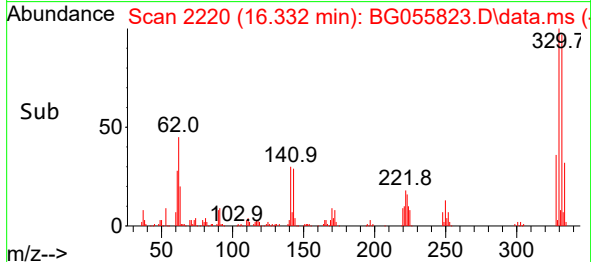
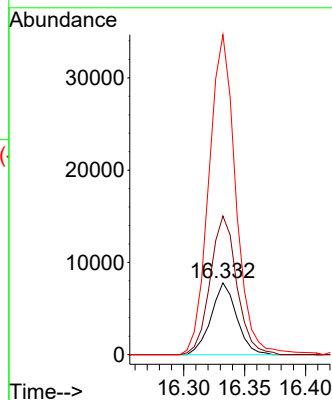
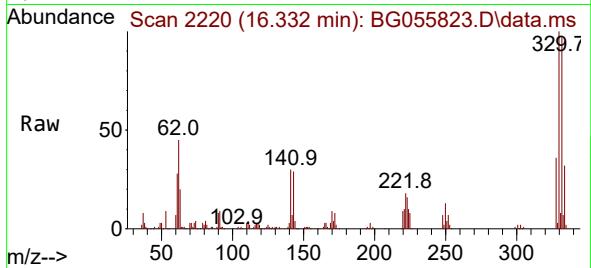




#67
4-Bromophenyl-phenylether
Concen: 4.350 ng
RT: 16.332 min Scan# 211
Delta R.T. -0.437 min
Lab File: BG055823.D
Acq: 29 Nov 2022 10:54

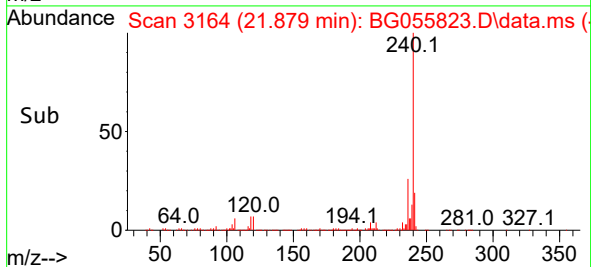
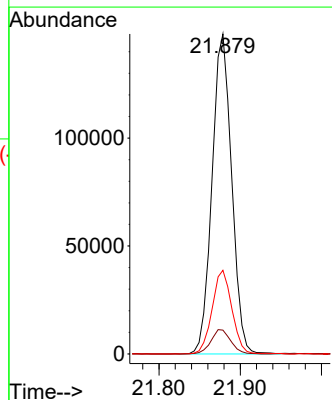
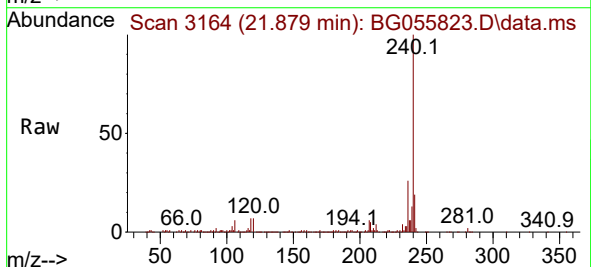
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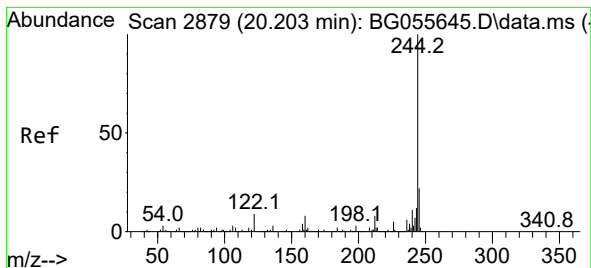
Tgt Ion:248 Resp: 11387
Ion Ratio Lower Upper
248 100
250 193.2 79.0 118.4#
141 445.4 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.879 min Scan# 3164
Delta R.T. -0.002 min
Lab File: BG055823.D
Acq: 29 Nov 2022 10:54

Tgt Ion:240 Resp: 248488
Ion Ratio Lower Upper
240 100
120 7.4 6.3 9.5
236 26.2 21.9 32.9





#79

Terphenyl-d14

Concen: 89.773 ng

RT: 20.175 min Scan# 2

Delta R.T. -0.002 min

Lab File: BG055823.D

Acq: 29 Nov 2022 10:54

Instrument :

BNA_G

ClientSampleId :

PB149290BL

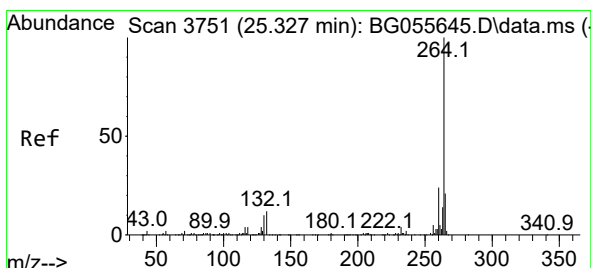
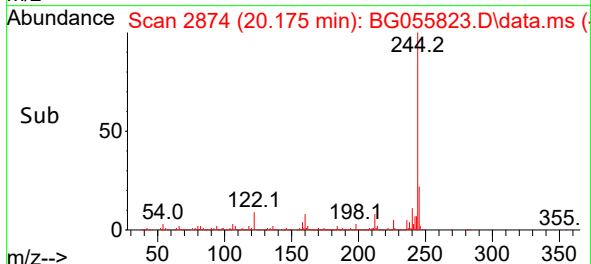
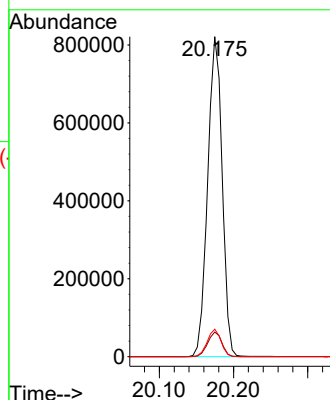
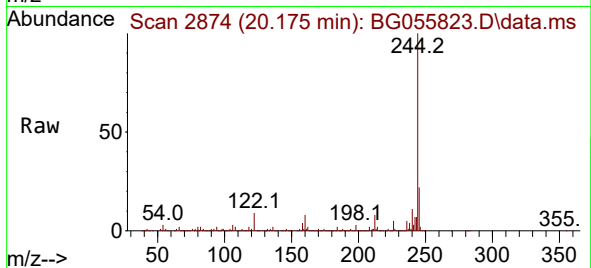
Tgt Ion:244 Resp: 1115309

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

122 8.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.269 min Scan# 3741

Delta R.T. -0.002 min

Lab File: BG055823.D

Acq: 29 Nov 2022 10:54

Tgt Ion:264 Resp: 266000

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.1 17.1 25.7

