

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120922\
 Data File : BG055942.D
 Acq On : 9 Dec 2022 13:16
 Operator : CG/JU
 Sample : PB149479BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149479BL

Quant Time: Dec 10 05:44:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 07:57:14 2022
 Response via : Initial Calibration

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

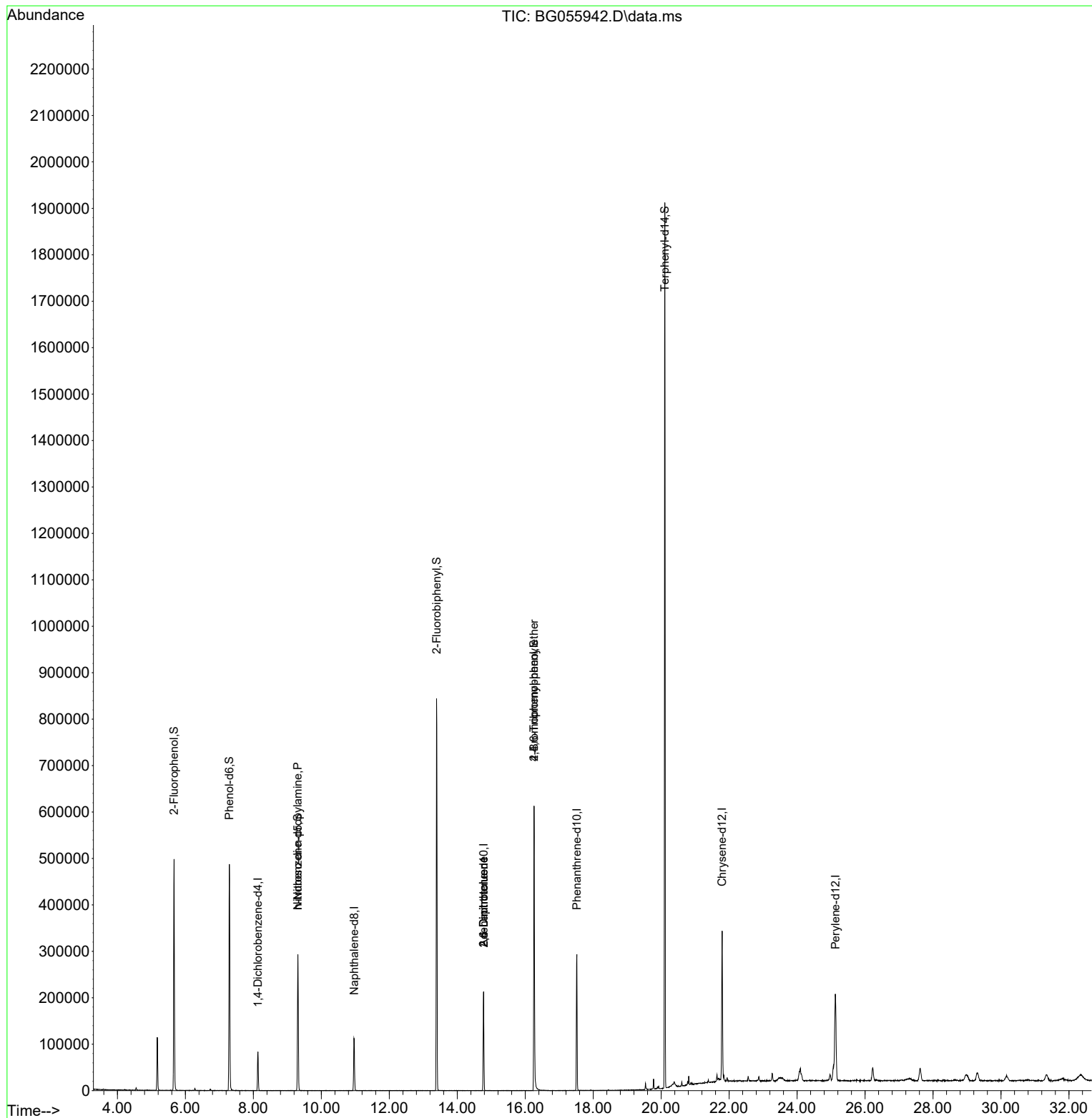
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	23962	20.000	ng	0.00
21) Naphthalene-d8	10.966	136	99141	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	76211	20.000	ng	0.00
64) Phenanthrene-d10	17.518	188	195412	20.000	ng	0.00
76) Chrysene-d12	21.795	240	202710	20.000	ng	0.00
86) Perylene-d12	25.126	264	212756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	204749	154.448	ng	0.00
7) Phenol-d6	7.294	99	264242	149.738	ng	0.00
23) Nitrobenzene-d5	9.310	82	167553	89.327	ng	-0.01
42) 2,4,6-Tribromophenol	16.260	330	140505	130.928	ng	0.00
45) 2-Fluorobiphenyl	13.393	172	437417	85.986	ng	-0.01
79) Terphenyl-d14	20.109	244	937735	92.526	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.310	70	22805	16.819	ng	# 79
51) 2,6-Dinitrotoluene	14.774	165	9520	7.664	ng	# 24
57) 2,4-Dinitrotoluene	14.774	165	9520	5.436	ng	# 22
67) 4-Bromophenyl-phenylether	16.260	248	8710	3.912	ng	# 1

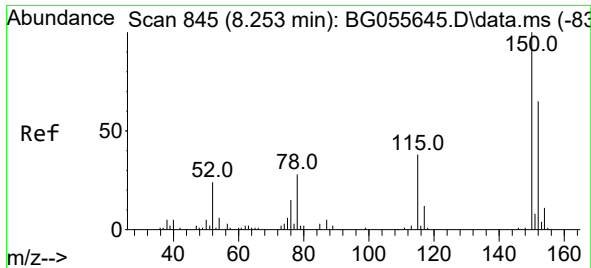
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120922\
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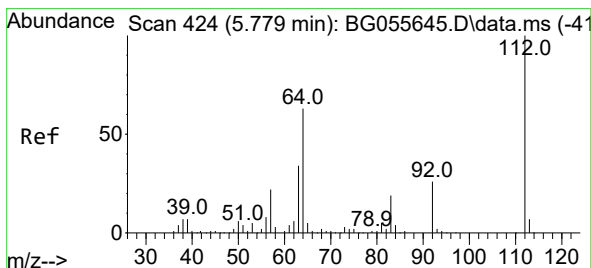
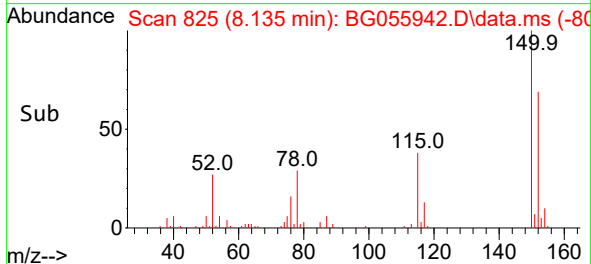
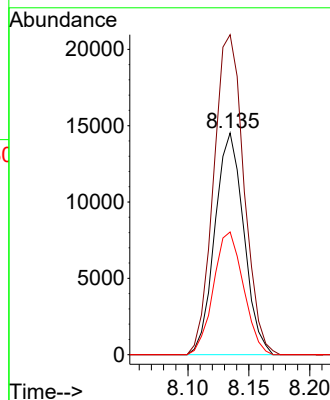
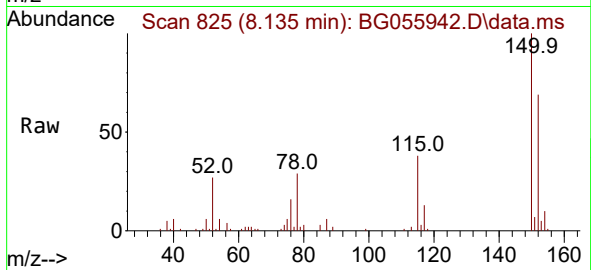




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.135 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG055942.D
Acq: 9 Dec 2022 13:16

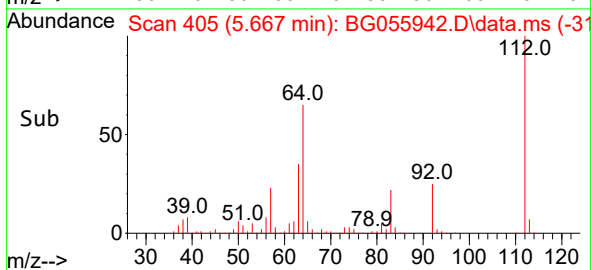
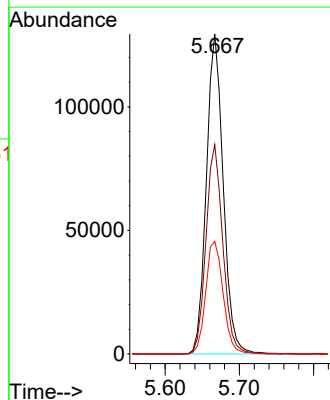
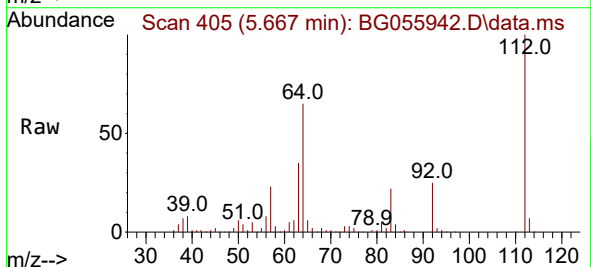
Instrument :
BNA_G
ClientSampleId :
PB149479BL

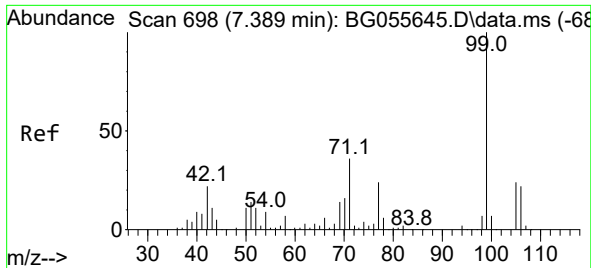
Tgt Ion:152 Resp: 23962
Ion Ratio Lower Upper
152 100
150 144.3 123.0 184.6
115 55.3 47.0 70.4



#5
2-Fluorophenol
Concen: 154.448 ng
RT: 5.667 min Scan# 405
Delta R.T. -0.006 min
Lab File: BG055942.D
Acq: 9 Dec 2022 13:16

Tgt Ion:112 Resp: 204749
Ion Ratio Lower Upper
112 100
64 65.4 50.6 76.0
63 35.2 27.5 41.3

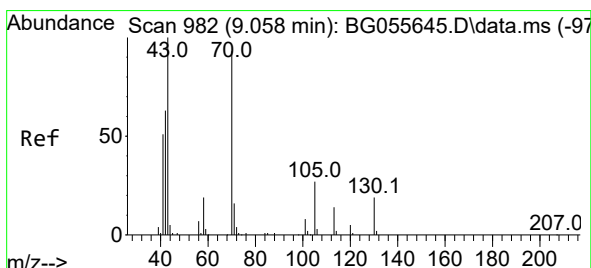
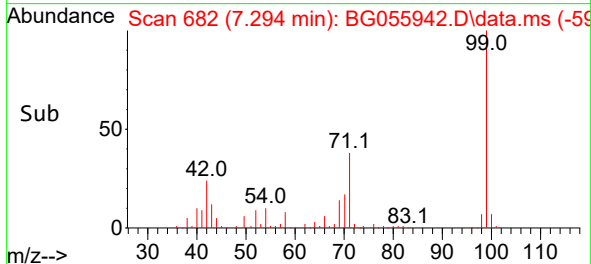
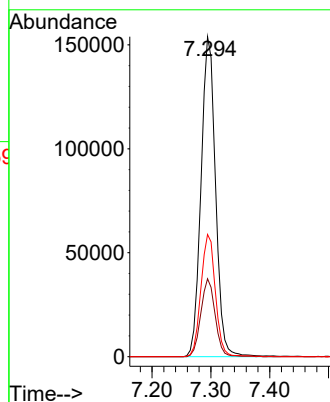
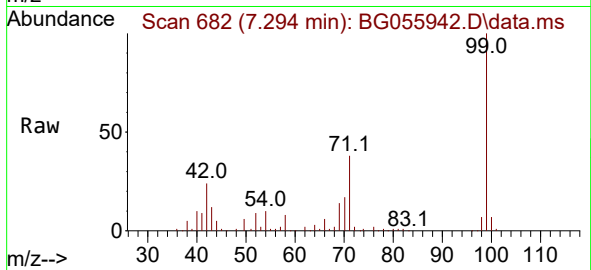




#7
Phenol-d6
Concen: 149.738 ng
RT: 7.294 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG055942.D
Acq: 9 Dec 2022 13:16

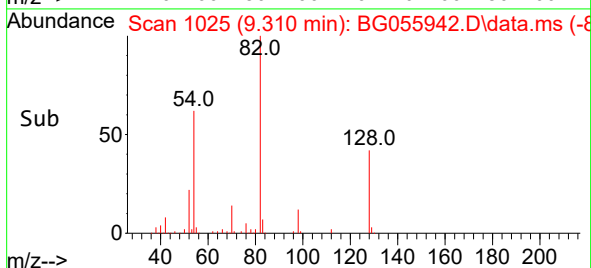
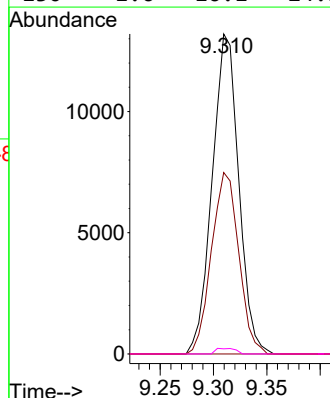
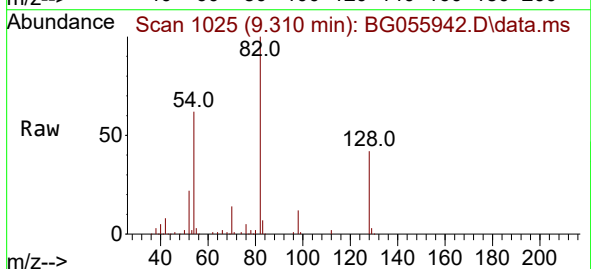
Instrument :
BNA_G
ClientSampleId :
PB149479BL

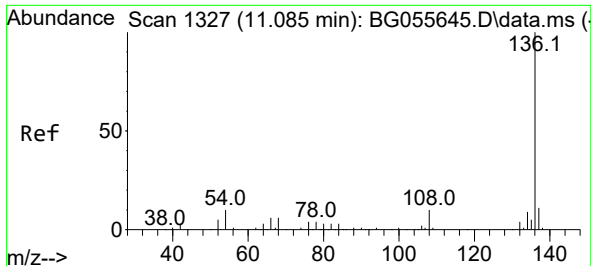
Tgt Ion: 99 Resp: 264242
Ion Ratio Lower Upper
99 100
42 24.4 18.0 27.0
71 38.2 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.819 ng
RT: 9.310 min Scan# 1025
Delta R.T. 0.358 min
Lab File: BG055942.D
Acq: 9 Dec 2022 13:16

Tgt Ion: 70 Resp: 22805
Ion Ratio Lower Upper
70 100
42 56.7 55.2 82.8
101 0.0 7.1 10.7#
130 1.6 16.1 24.1#

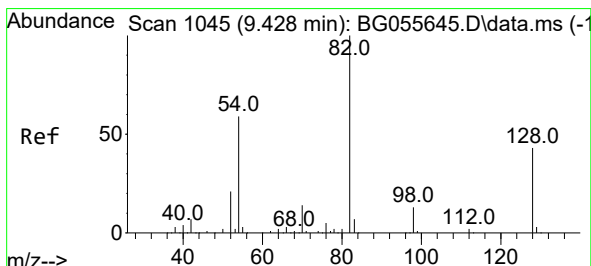
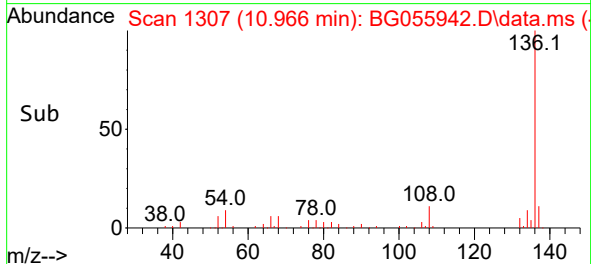
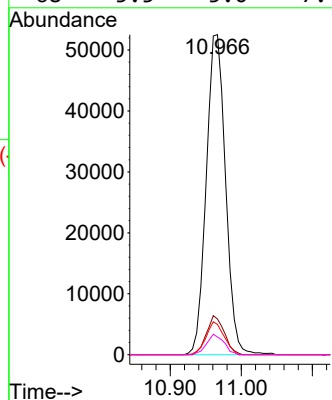
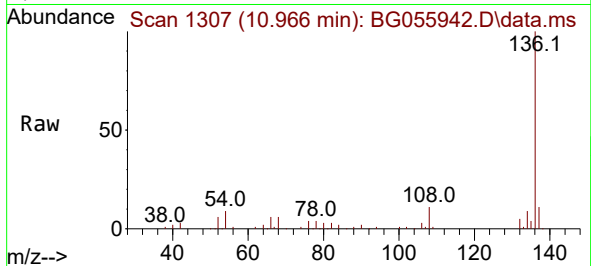




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.966 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055942.D
Acq: 9 Dec 2022 13:16

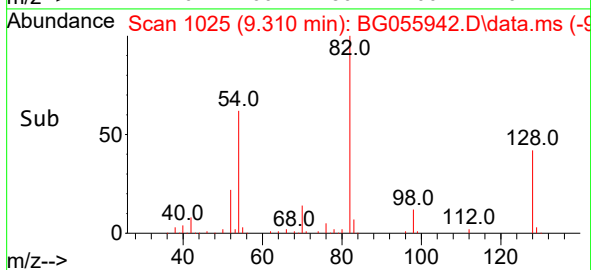
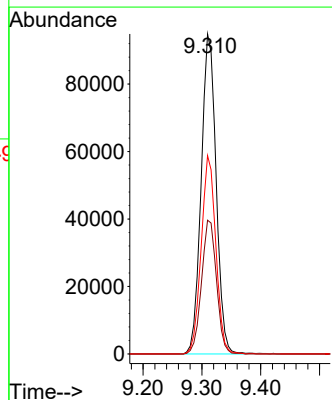
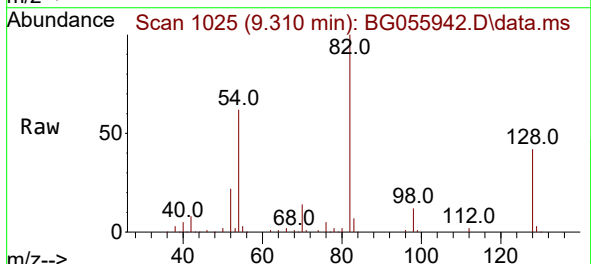
Instrument :
BNA_G
ClientSampleId :
PB149479BL

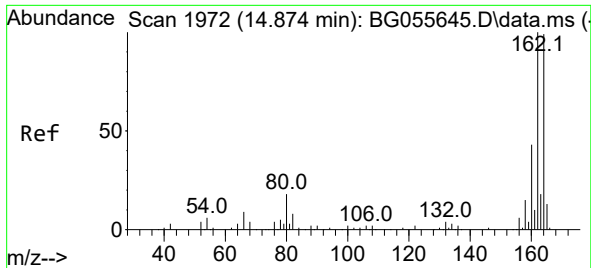
Tgt Ion:	136	Resp:	99141
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	9.4	7.8	11.6
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 89.327 ng
RT: 9.310 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BG055942.D
Acq: 9 Dec 2022 13:16

Tgt Ion:	82	Resp:	167553
Ion Ratio	Lower	Upper	
82	100		
128	41.8	34.1	51.1
54	62.0	47.3	70.9

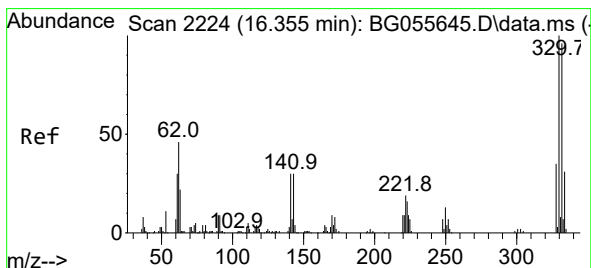
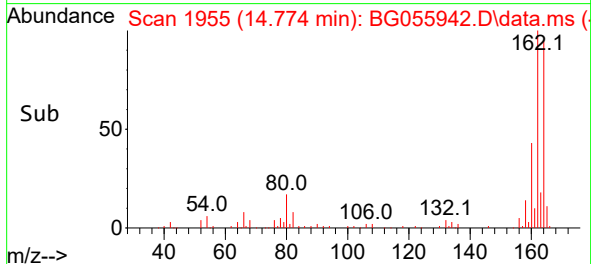
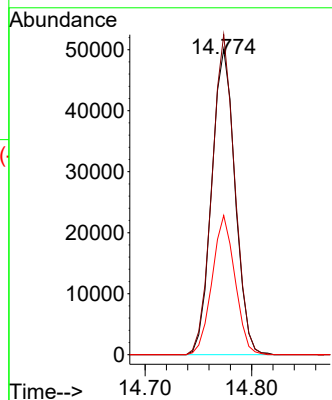
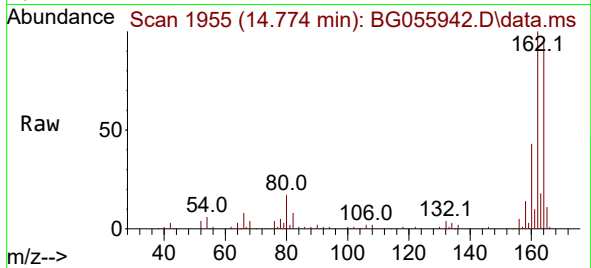




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG055942.D
Acq: 9 Dec 2022 13:16

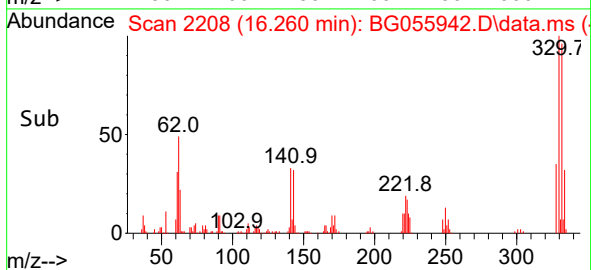
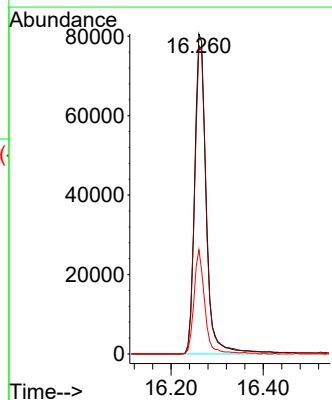
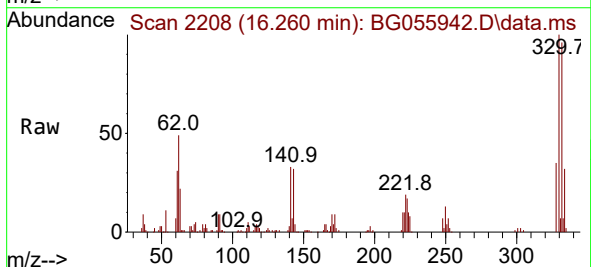
Instrument :
BNA_G
ClientSampleId :
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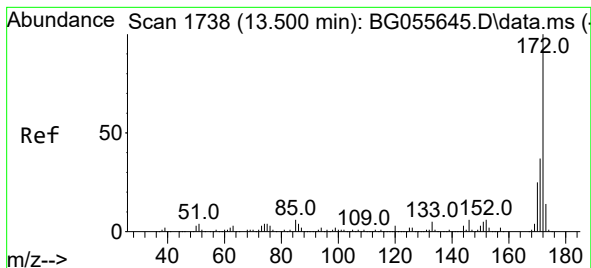
Tgt Ion:164 Resp: 76211
Ion Ratio Lower Upper
164 100
162 104.8 81.1 121.7
160 45.6 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 130.928 ng
RT: 16.260 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BG055942.D
Acq: 9 Dec 2022 13:16

Tgt Ion:330 Resp: 140505
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 29.9 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 85.986 ng

RT: 13.393 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG055942.D

Acq: 9 Dec 2022 13:16

Instrument :

BNA_G

ClientSampleId :

PB149479BL

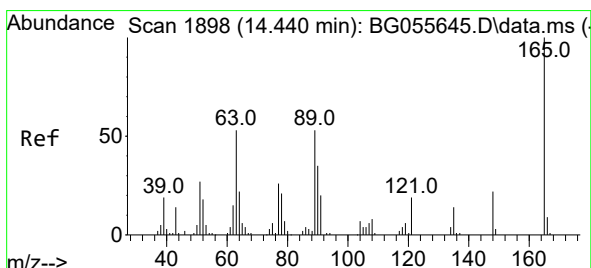
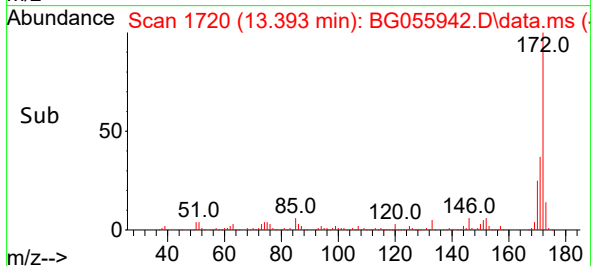
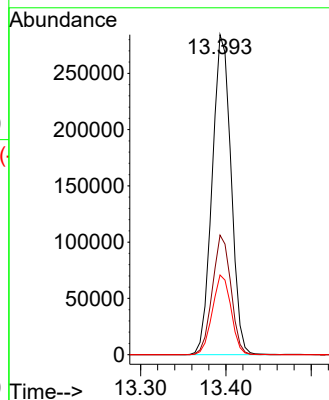
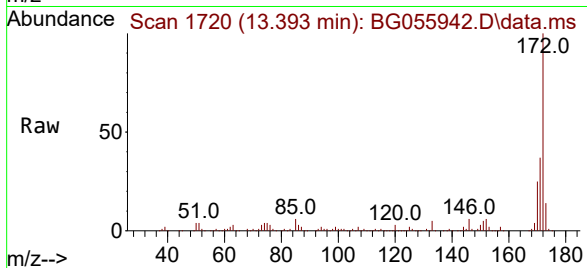
Tgt Ion:172 Resp: 437417

Ion Ratio Lower Upper

172 100

171 37.4 29.8 44.6

170 24.9 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 7.664 ng

RT: 14.774 min Scan# 1955

Delta R.T. 0.417 min

Lab File: BG055942.D

Acq: 9 Dec 2022 13:16

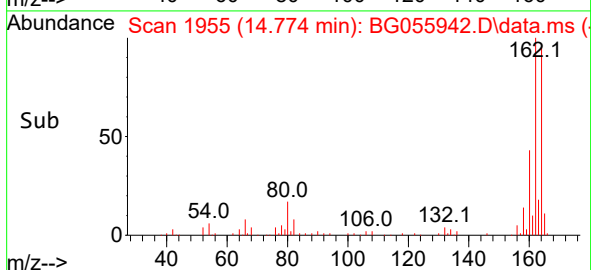
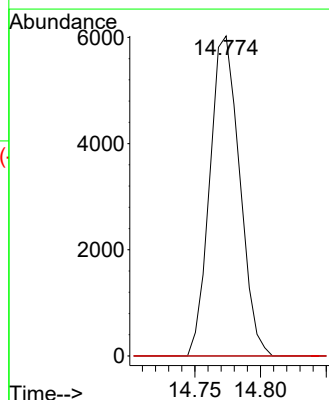
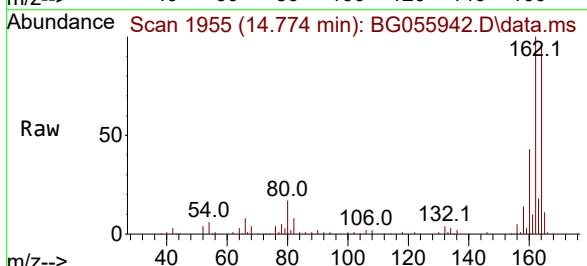
Tgt Ion:165 Resp: 9520

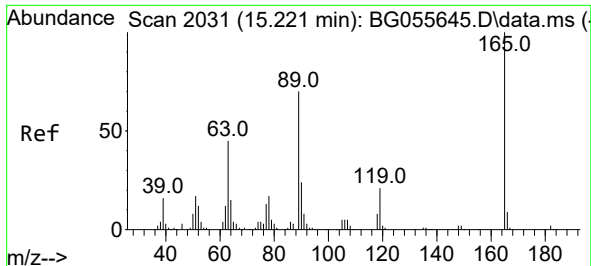
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.436 ng

RT: 14.774 min Scan# 1955

Delta R.T. -0.370 min

Lab File: BG055942.D

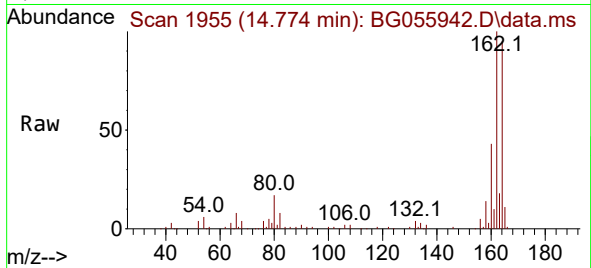
Acq: 9 Dec 2022 13:16

Instrument :

BNA_G

ClientSampleId :

PB149479BL



Tgt Ion:165 Resp: 9520

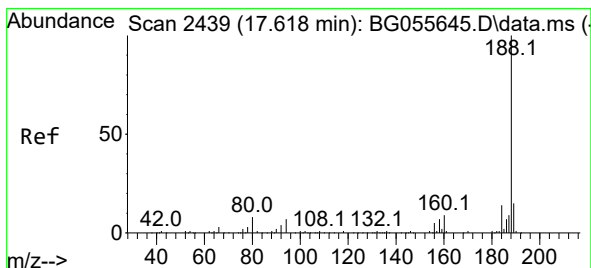
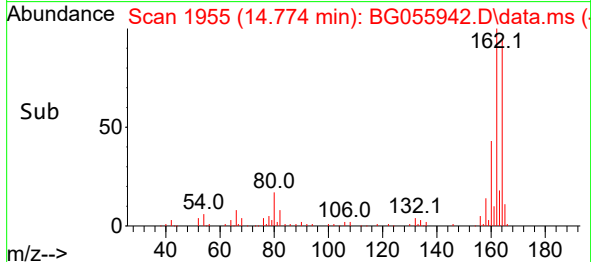
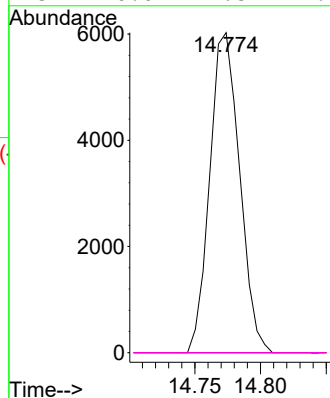
Ion Ratio Lower Upper

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: 17.518 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BG055942.D

Acq: 9 Dec 2022 13:16

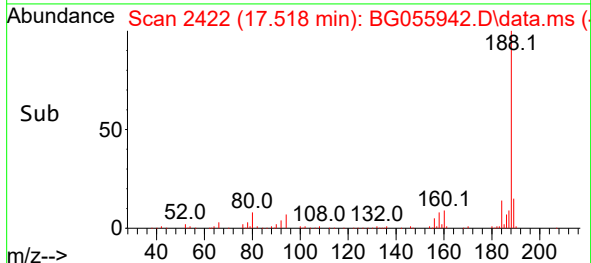
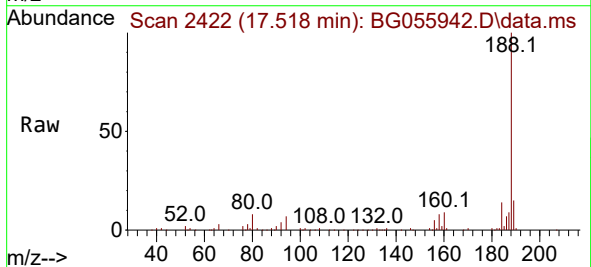
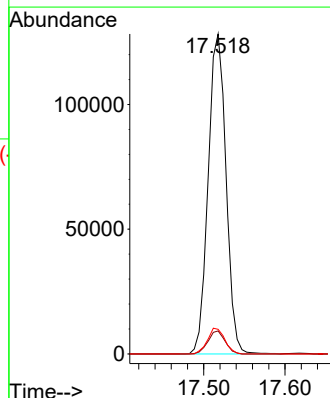
Tgt Ion:188 Resp: 195412

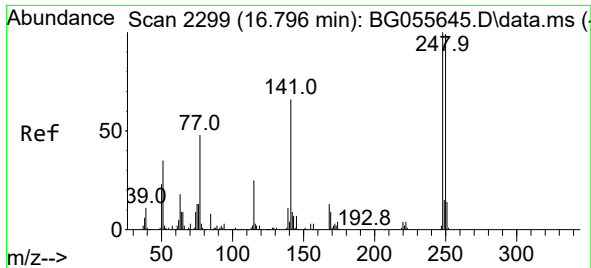
Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.2

80 7.7 6.6 10.0

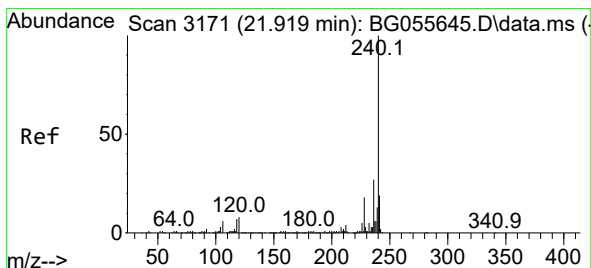
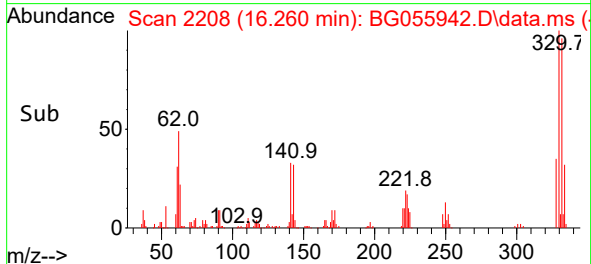
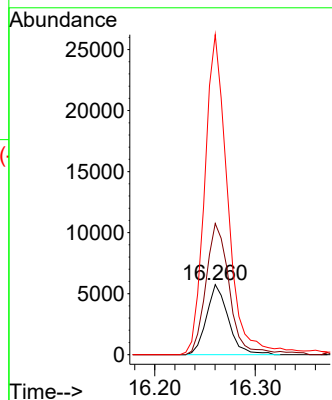
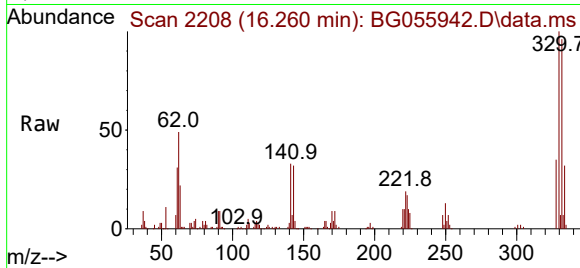




#67
4-Bromophenyl-phenylether
Concen: 3.912 ng
RT: 16.260 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055942.D
Acq: 9 Dec 2022 13:16

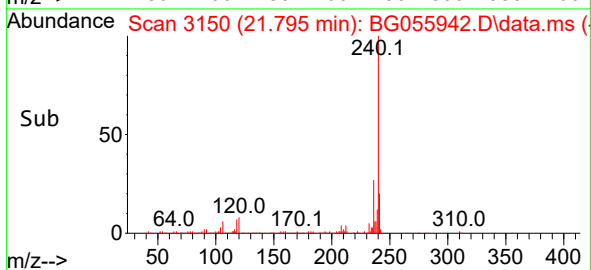
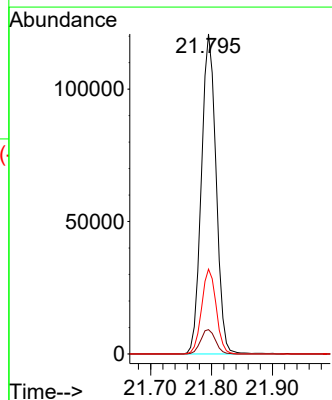
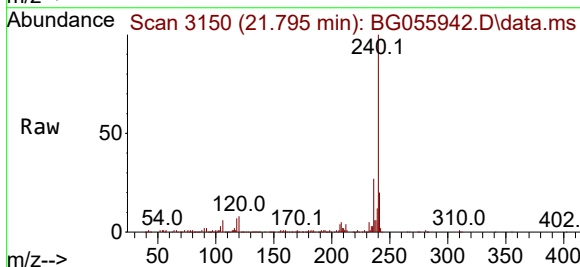
Instrument :
BNA_G
ClientSampleId :
PB149479BL

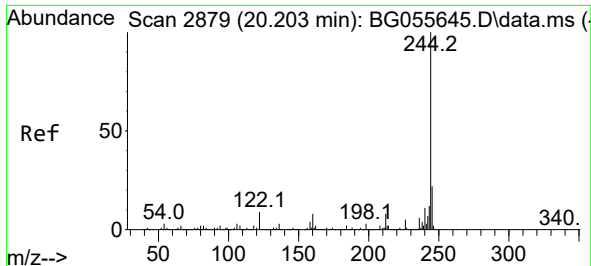
Tgt Ion:248 Resp: 8710
Ion Ratio Lower Upper
248 100
250 187.4 79.0 118.4#
141 456.9 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.795 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BG055942.D
Acq: 9 Dec 2022 13:16

Tgt Ion:240 Resp: 202710
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 26.5 21.9 32.9

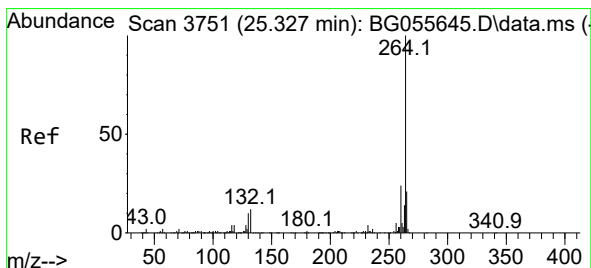
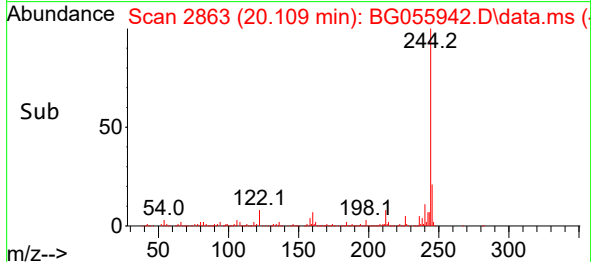
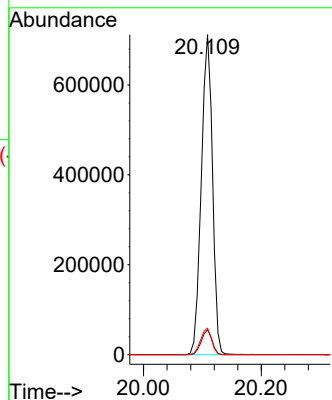
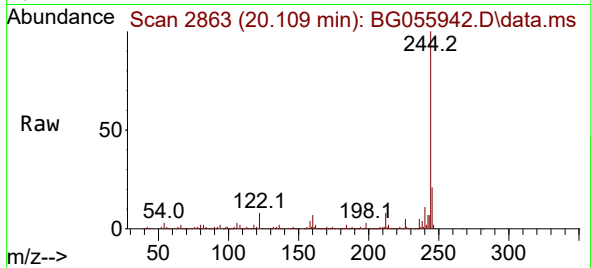




#79
 Terphenyl-d14
 Concen: 92.526 ng
 RT: 20.109 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG055942.D
 Acq: 9 Dec 2022 13:16

Instrument :
 BNA_G
 ClientSampleId :
 PB149479BL

Tgt Ion:244 Resp: 937735
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.2 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.126 min Scan# 3717
 Delta R.T. -0.006 min
 Lab File: BG055942.D
 Acq: 9 Dec 2022 13:16

Tgt Ion:264 Resp: 212756
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.5 29.3
 265 21.6 17.1 25.7

