

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

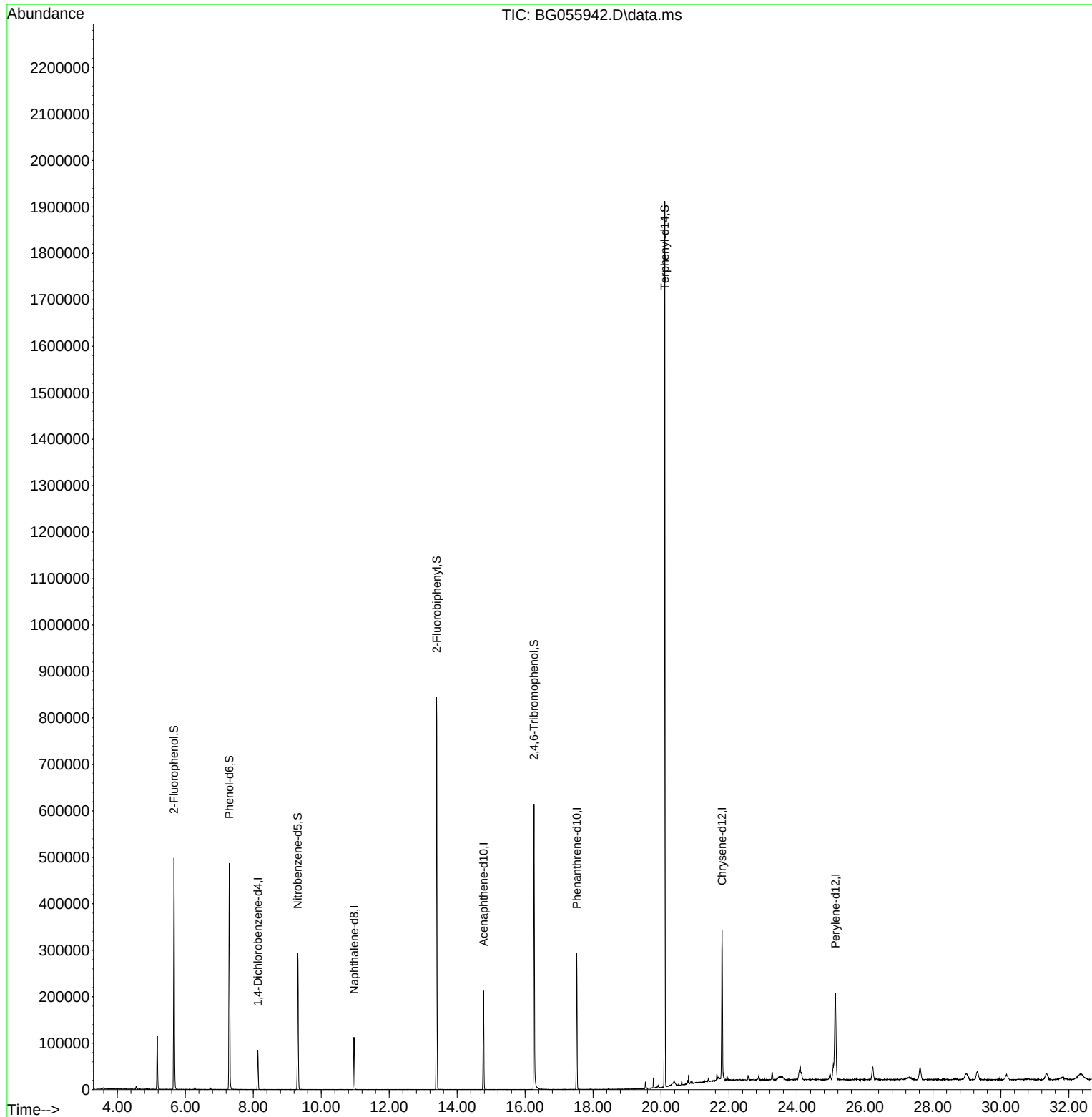
Target Compounds Qvalue

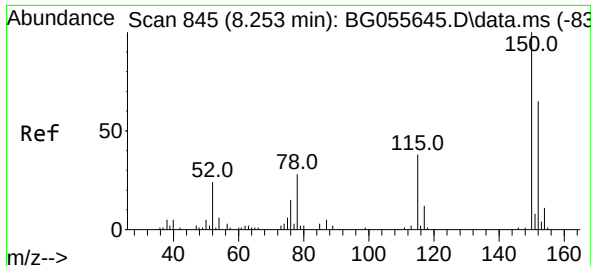
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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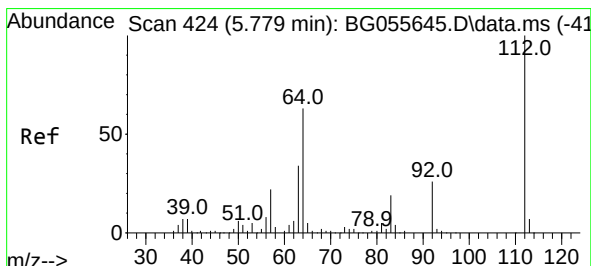
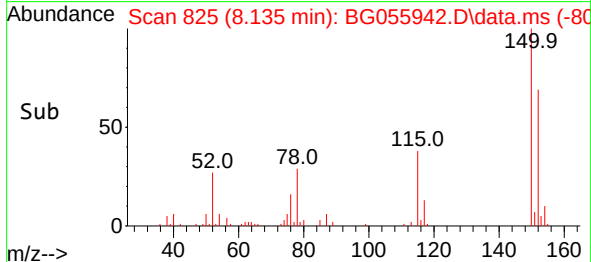
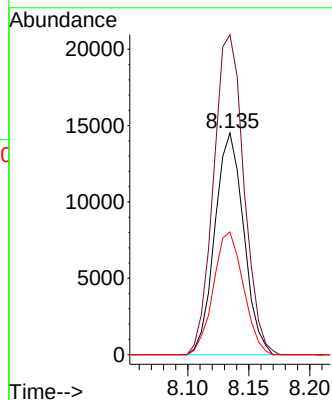
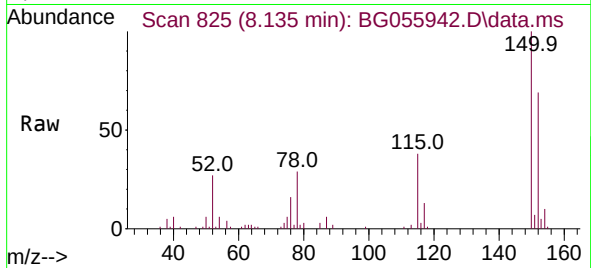




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.135 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG055942.D
Acq: 9 Dec 2022 13:16

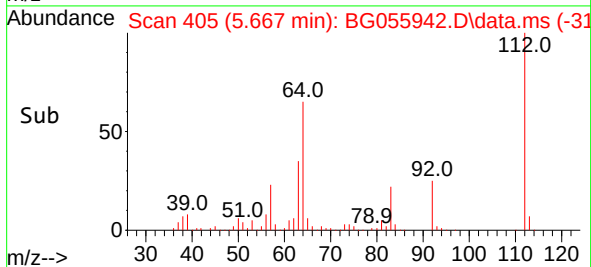
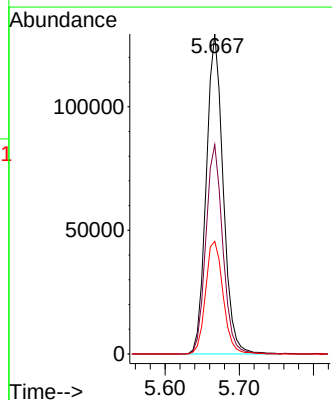
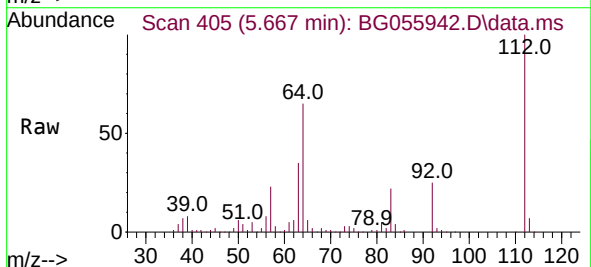
Instrument :
BNA_G
ClientSampleId :
PB149479BL

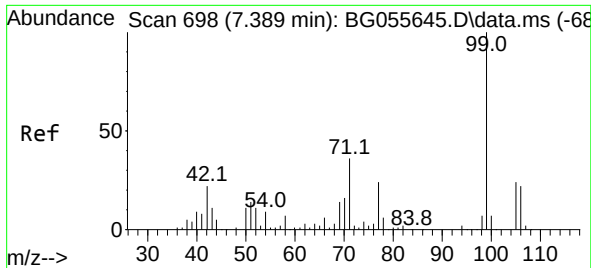
Tgt Ion:152 Resp: 23962
Ion Ratio Lower Upper
152 100
150 144.3 123.0 184.6
115 55.3 47.0 70.4



#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

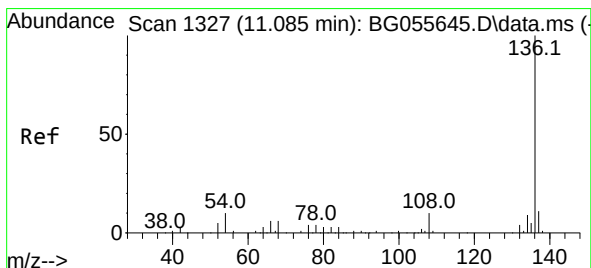
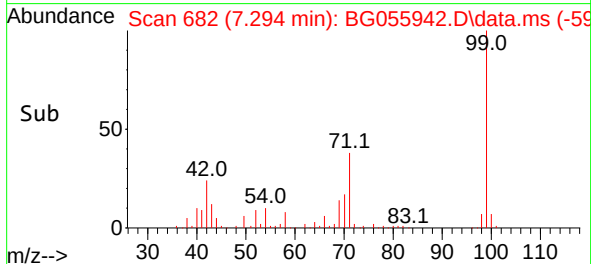
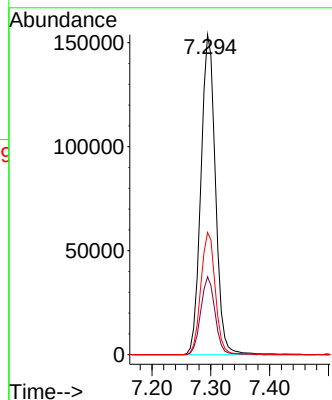
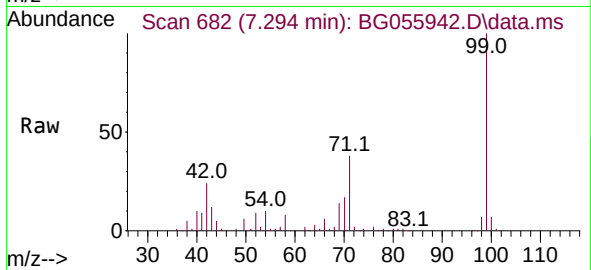




#7
Phenol-d6
Concen: 149.738 ng
RT: 7.294 min Scan# 68
Delta R.T. -0.006 min
Lab File: BG055942.D
Acq: 9 Dec 2022 13:16

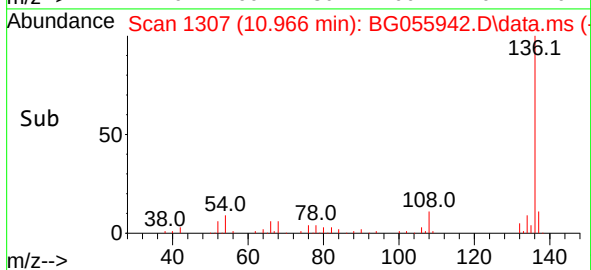
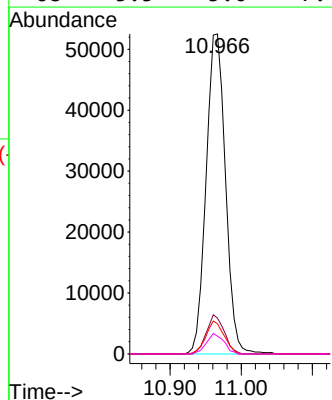
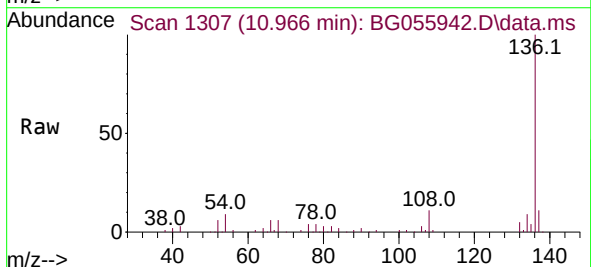
Instrument :
BNA_G
ClientSampleId :
PB149479BL

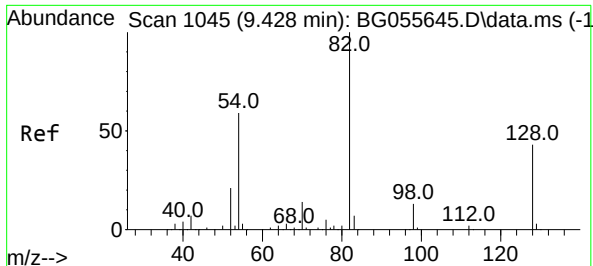
Tgt Ion: 99 Resp: 264242
Ion Ratio Lower Upper
99 100
42 24.4 18.0 27.0
71 38.2 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.966 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BG055942.D
Acq: 9 Dec 2022 13:16

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# 1045

Delta R.T. -0.012 min

Lab File: BG055942.D

Acq: 9 Dec 2022 13:16

Instrument :

BNA_G

ClientSampleId :

PB149479BL

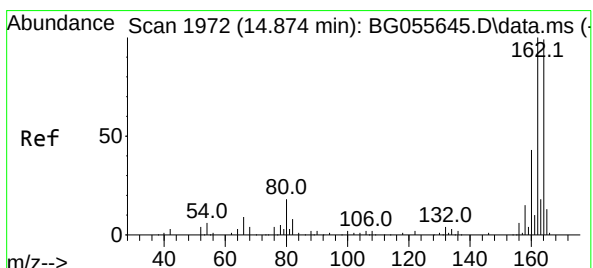
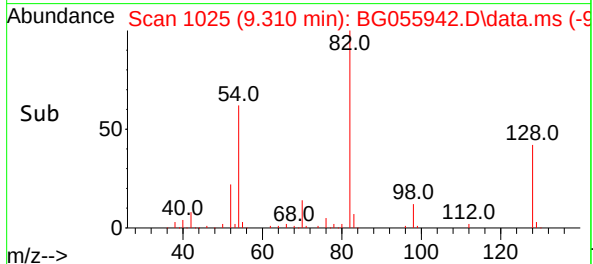
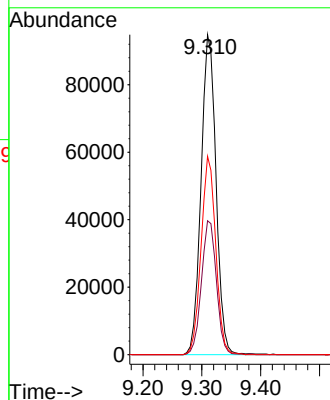
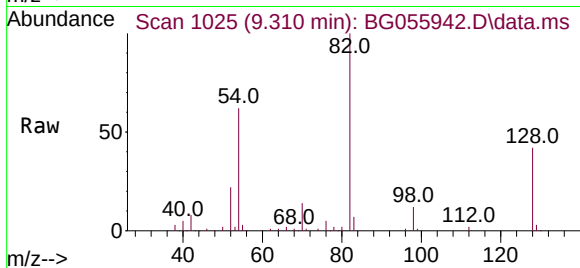
Tgt Ion: 82 Resp: 167553

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# 1955

Delta R.T. -0.006 min

Lab File: BG055942.D

Acq: 9 Dec 2022 13:16

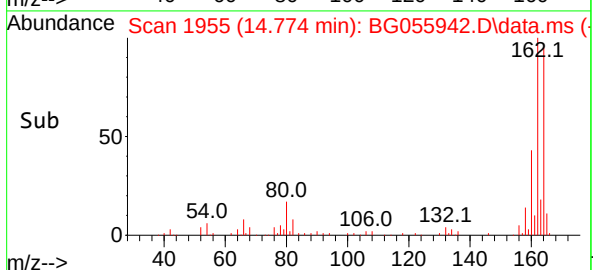
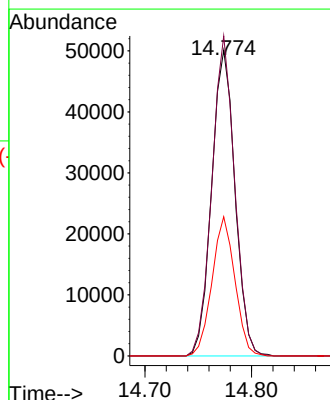
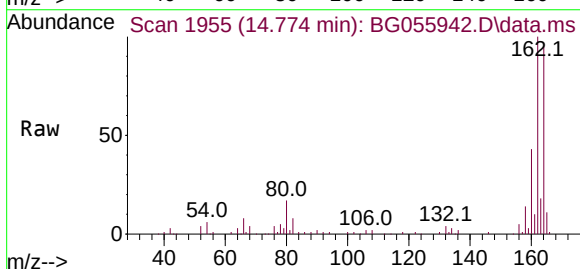
Tgt Ion:164 Resp: 76211

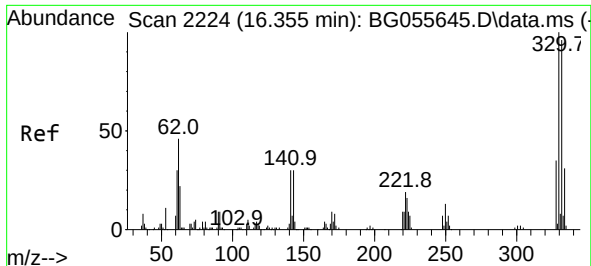
Ion Ratio Lower Upper

164 100

162 104.8 81.1 121.7

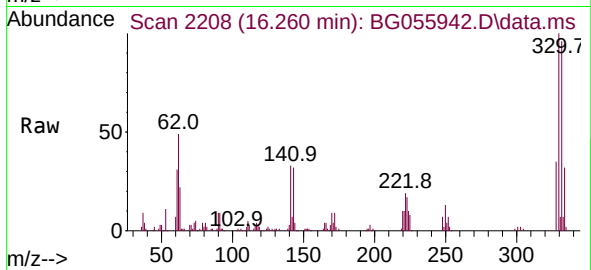
160 45.6 34.8 52.2



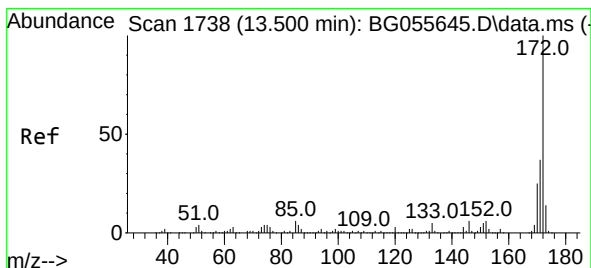
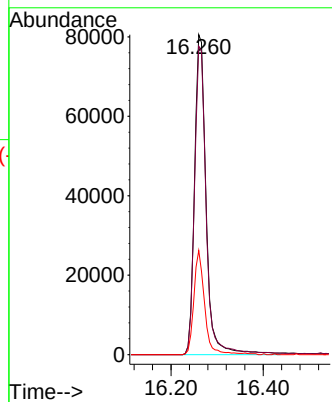
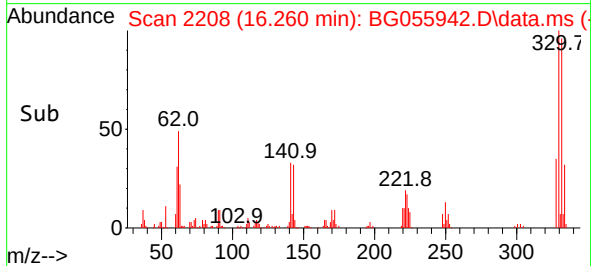


#42
 2,4,6-Tribromophenol
 Concen: 130.928 ng
 RT: 16.260 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055942.D
 Acq: 9 Dec 2022 13:16

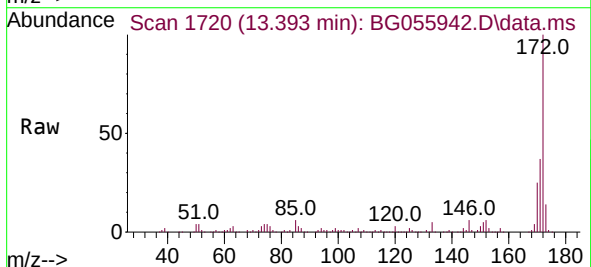
Instrument :
 BNA_G
 ClientSampleId :
 PB149479BL



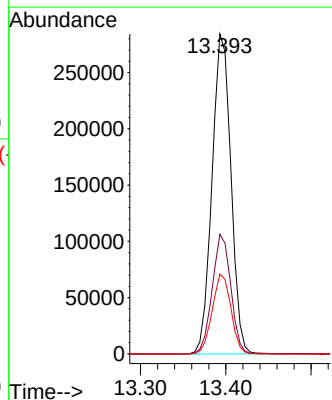
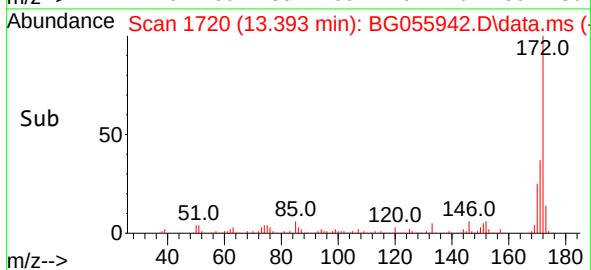
Tgt Ion:330 Resp: 140505
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.8 116.8
 141 29.9 23.9 35.9

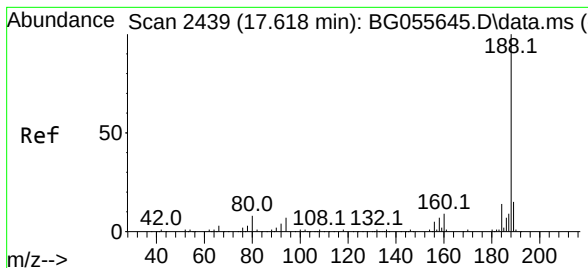


#45
 2-Fluorobiphenyl
 Concen: 85.986 ng
 RT: 13.393 min Scan# 1720
 Delta R.T. -0.012 min
 Lab File: BG055942.D
 Acq: 9 Dec 2022 13:16



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.518 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG055942.D

Acq: 9 Dec 2022 13:16

Instrument :

BNA_G

ClientSampleId :

PB149479BL

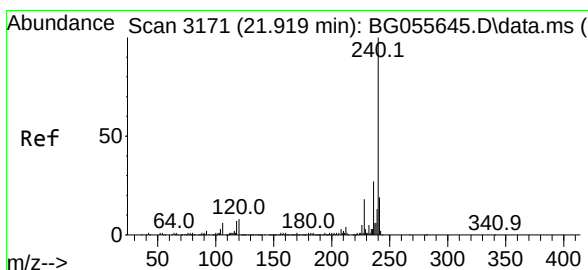
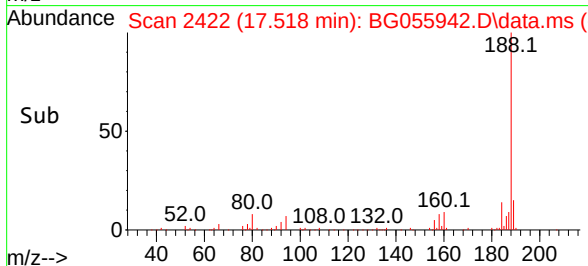
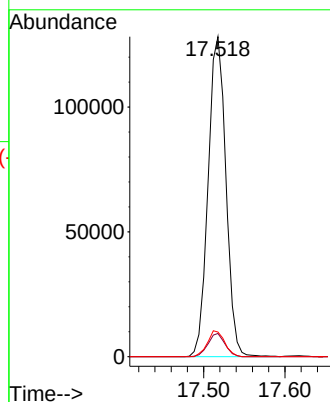
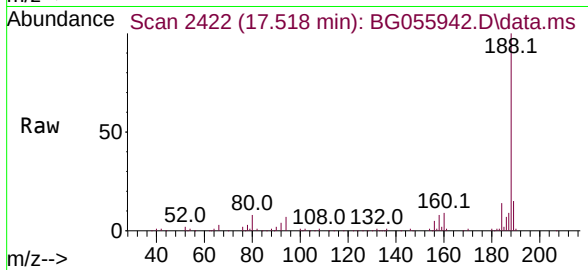
Tgt Ion:188 Resp: 195412

Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.2

80 7.7 6.6 10.0



#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

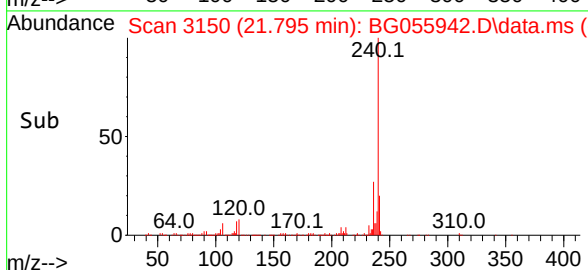
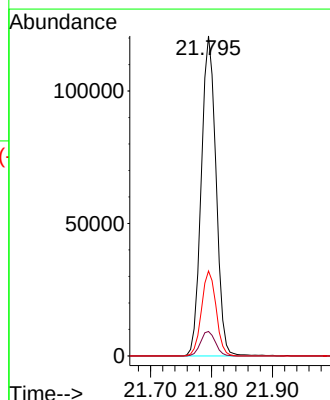
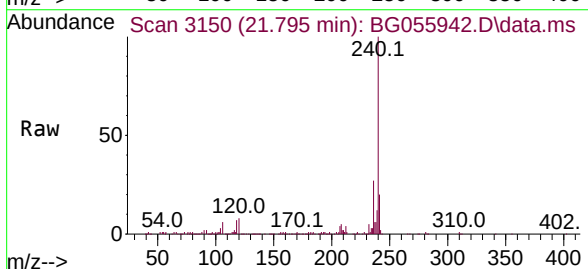
Tgt Ion:240 Resp: 202710

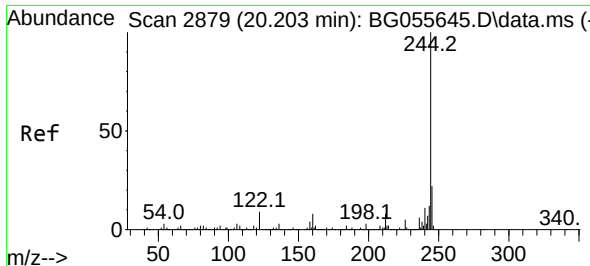
Ion Ratio Lower Upper

240 100

120 7.6 6.3 9.5

236 26.5 21.9 32.9

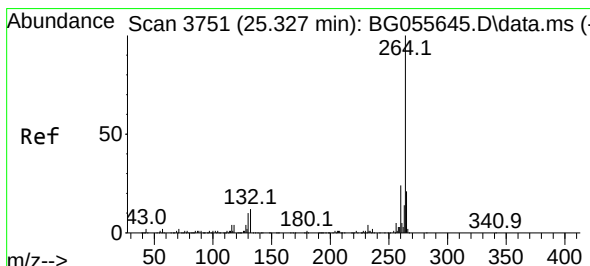
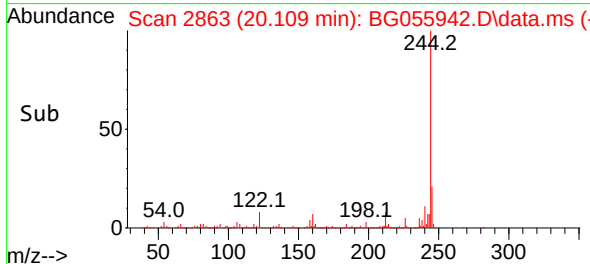
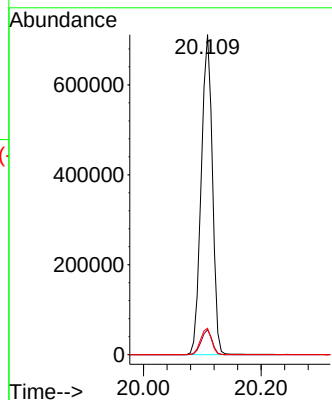
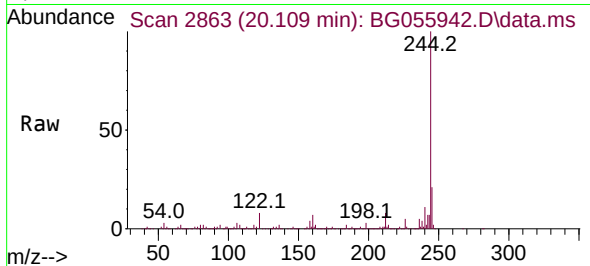




#79
 Terphenyl-d14
 Concen: 92.526 ng
 RT: 20.109 min Scan# 2879
 Delta R.T. -0.000 min
 Lab File: BG055942.D
 Acq: 9 Dec 2022 13:16

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

