

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055728.D
 Acq On : 21 Nov 2022 23:52
 Operator : CG/JU
 Sample : N5678-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-02

Quant Time: Nov 22 02:10:00 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	8.246	152	34476	20.000	ng	0.00
21) Naphthalene-d8	11.072	136	157009	20.000	ng	-0.01
39) Acenaphthene-d10	14.868	164	120772	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	275858	20.000	ng	-0.01
76) Chrysene-d12	21.901	240	255918	20.000	ng	-0.02
86) Perylene-d12	25.308	264	270080	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.778	112	222985	116.907	ng	0.00
7) Phenol-d6	7.388	99	304509	119.932	ng	0.00
23) Nitrobenzene-d5	9.415	82	191717	64.539	ng	-0.01
42) 2,4,6-Tribromophenol	16.348	330	173304	101.906	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	540663	67.067	ng	0.00
79) Terphenyl-d14	20.197	244	925740	72.351	ng	0.00

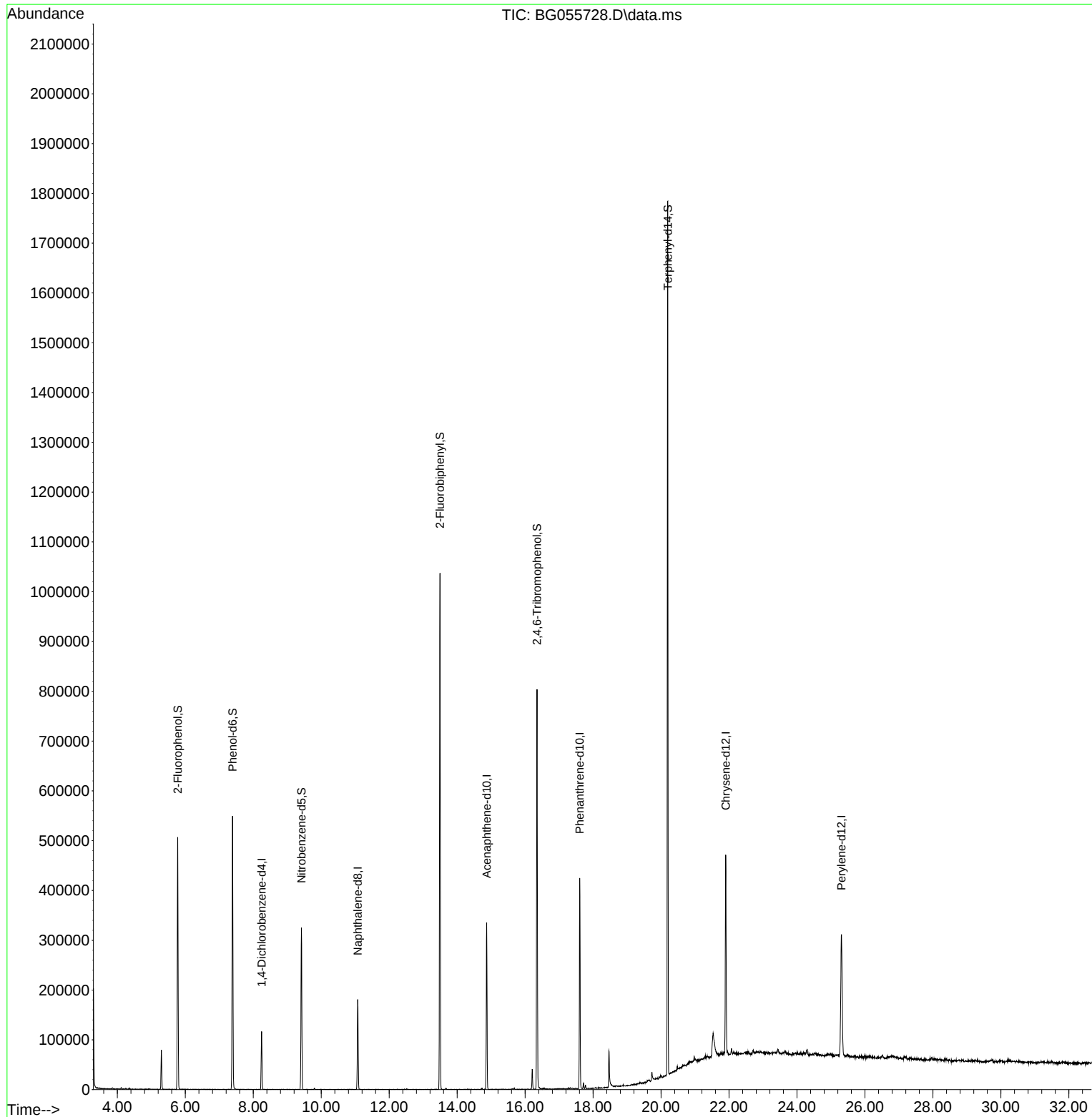
Target Compounds	Qvalue

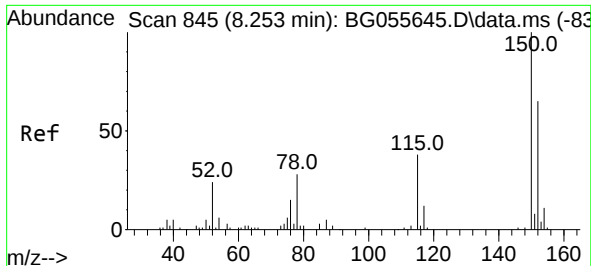
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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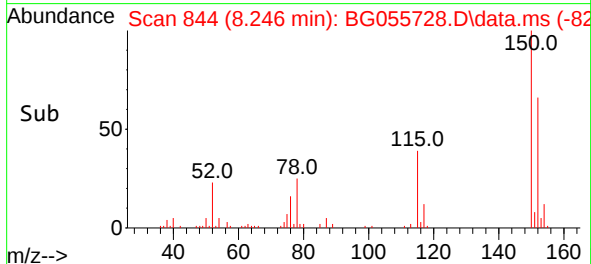
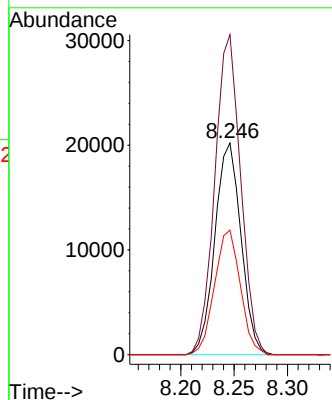
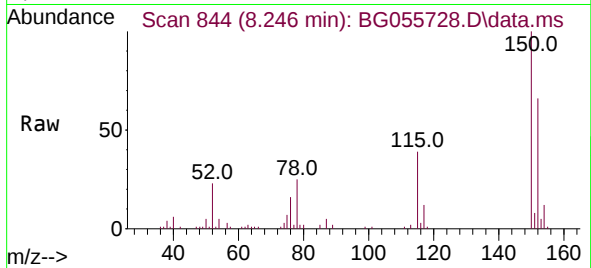




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.246 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG055728.D
Acq: 21 Nov 2022 23:52

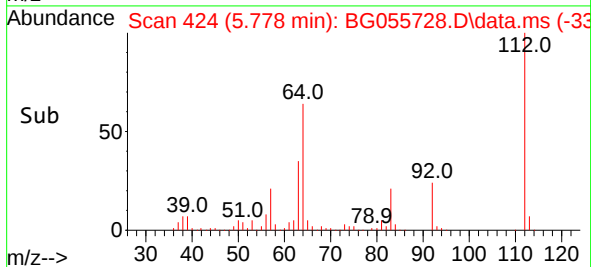
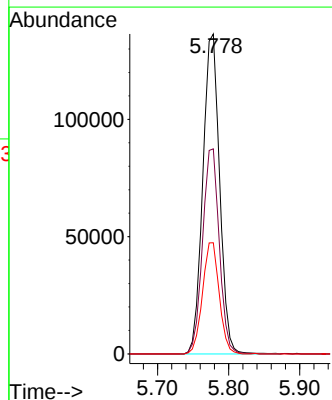
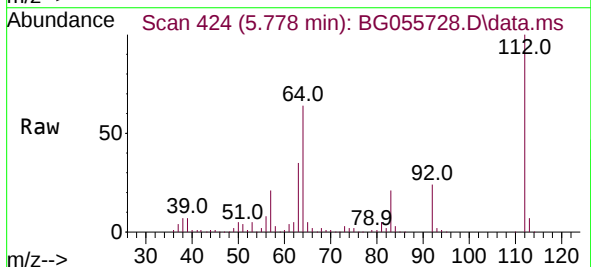
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-02

Tgt Ion:152 Resp: 34476
Ion Ratio Lower Upper
152 100
150 151.2 123.0 184.6
115 58.8 47.0 70.4



#5
2-Fluorophenol
Concen: 116.907 ng
RT: 5.778 min Scan# 424
Delta R.T. -0.001 min
Lab File: BG055728.D
Acq: 21 Nov 2022 23:52

Tgt Ion:112 Resp: 222985
Ion Ratio Lower Upper
112 100
64 64.1 50.6 76.0
63 34.7 27.5 41.3

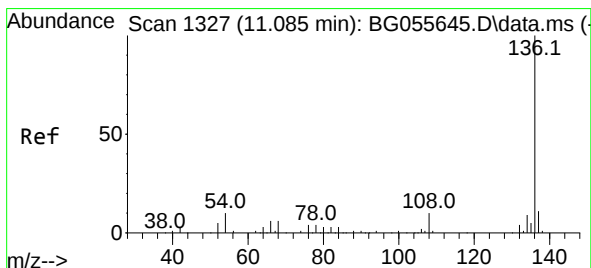
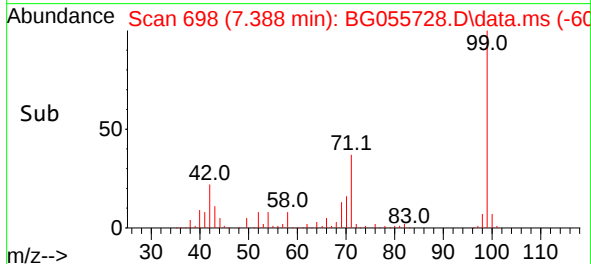
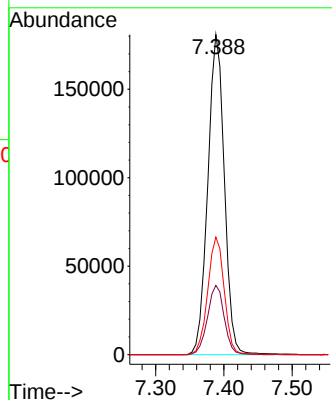
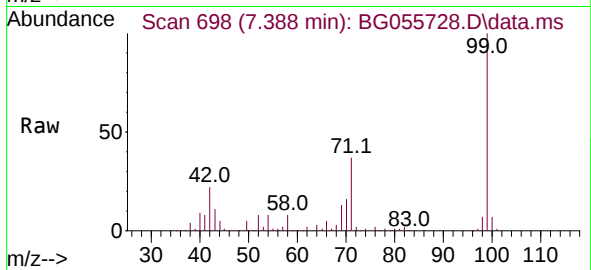




#7
Phenol-d6
Concen: 119.932 ng
RT: 7.388 min Scan# 69
Delta R.T. -0.001 min
Lab File: BG055728.D
Acq: 21 Nov 2022 23:52

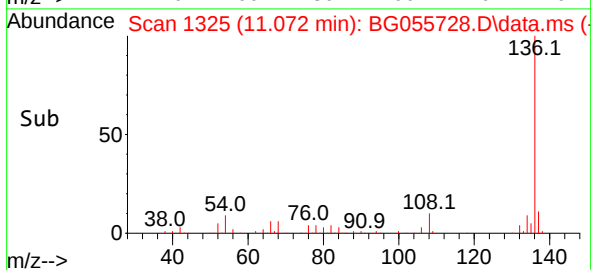
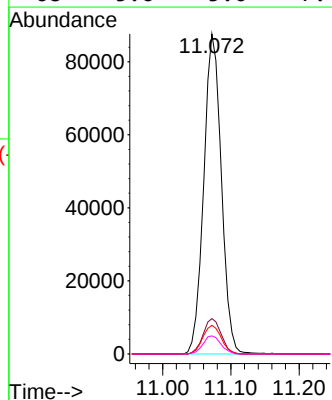
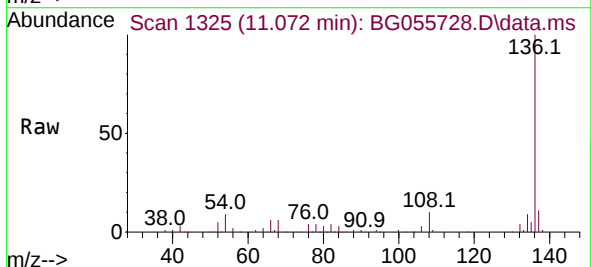
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-02

Tgt Ion: 99 Resp: 304509
Ion Ratio Lower Upper
99 100
42 21.6 18.0 27.0
71 36.7 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.072 min Scan# 1325
Delta R.T. -0.013 min
Lab File: BG055728.D
Acq: 21 Nov 2022 23:52

Tgt Ion: 136 Resp: 157009
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.9 7.8 11.6
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 64.539 ng

RT: 9.415 min Scan# 1043

Delta R.T. -0.013 min

Lab File: BG055728.D

Acq: 21 Nov 2022 23:52

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-02

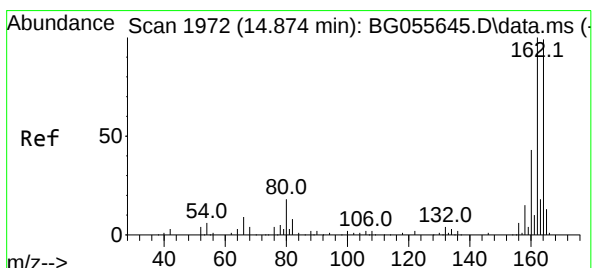
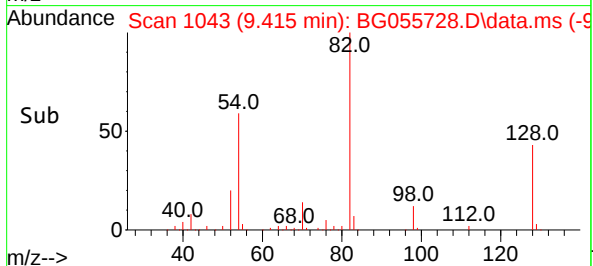
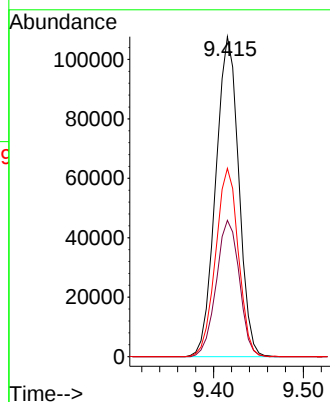
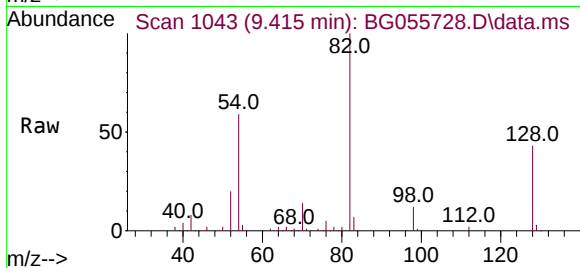
Tgt Ion: 82 Resp: 191717

Ion Ratio Lower Upper

82 100

128 42.6 34.1 51.1

54 58.8 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.868 min Scan# 1971

Delta R.T. -0.007 min

Lab File: BG055728.D

Acq: 21 Nov 2022 23:52

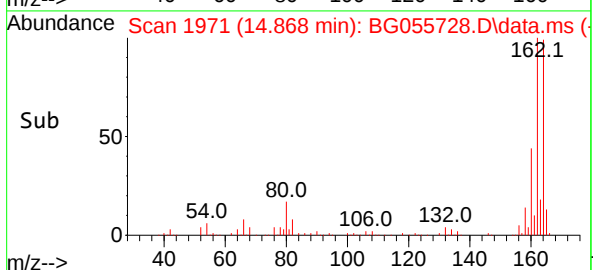
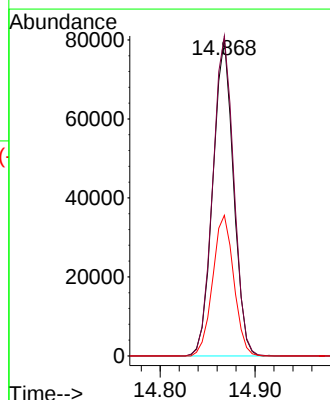
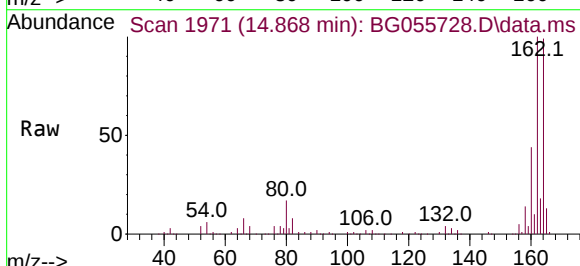
Tgt Ion: 164 Resp: 120772

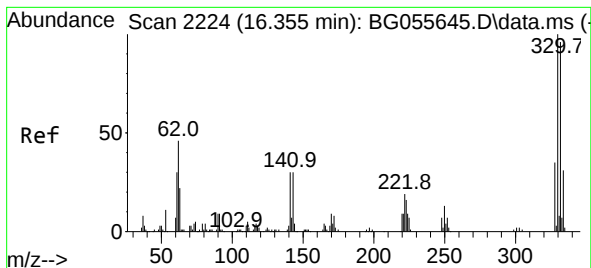
Ion Ratio Lower Upper

164 100

162 100.8 81.1 121.7

160 44.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 101.906 ng

RT: 16.348 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG055728.D

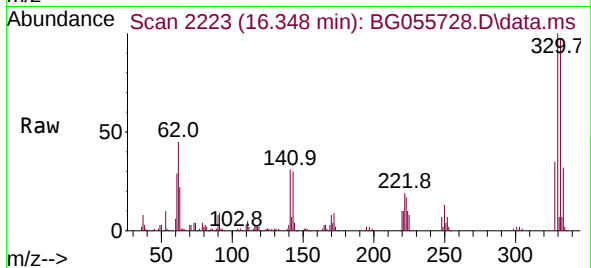
Acq: 21 Nov 2022 23:52

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-02



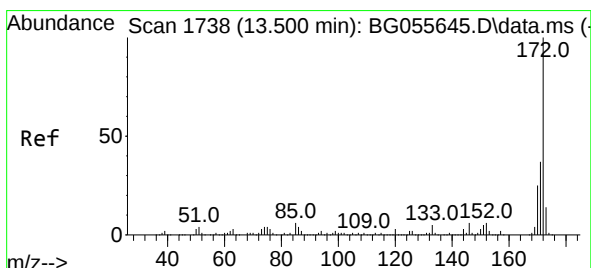
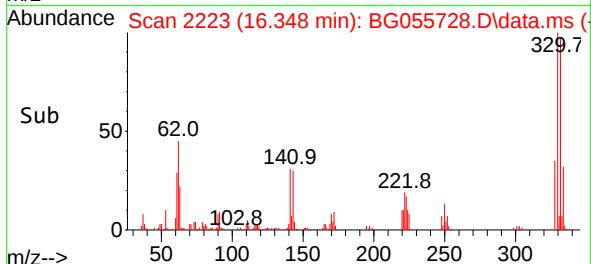
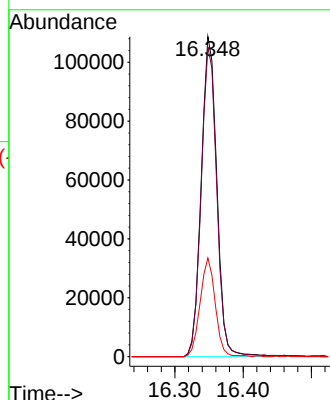
Tgt Ion:330 Resp: 173304

Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.8

141 29.8 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 67.067 ng

RT: 13.493 min Scan# 1737

Delta R.T. -0.007 min

Lab File: BG055728.D

Acq: 21 Nov 2022 23:52

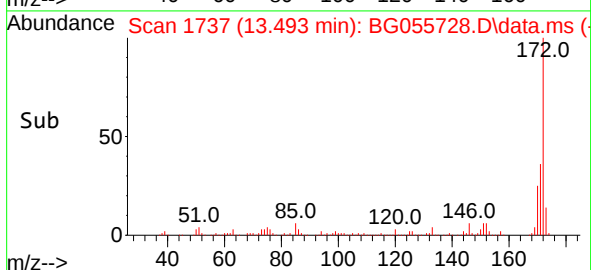
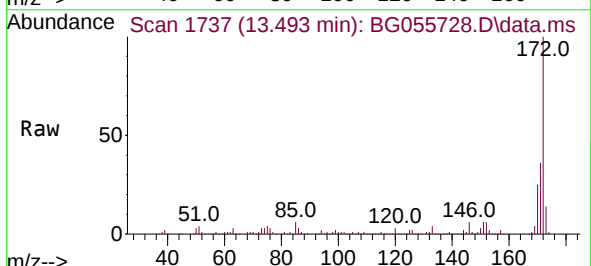
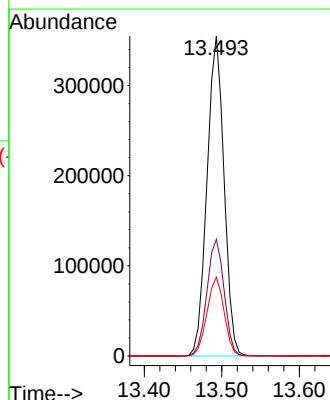
Tgt Ion:172 Resp: 540663

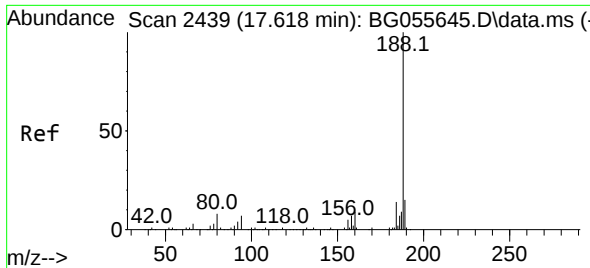
Ion Ratio Lower Upper

172 100

171 36.4 29.8 44.6

170 24.6 20.2 30.4

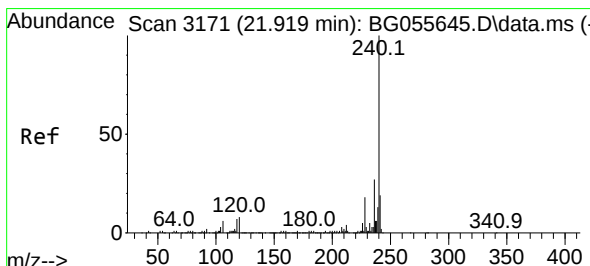
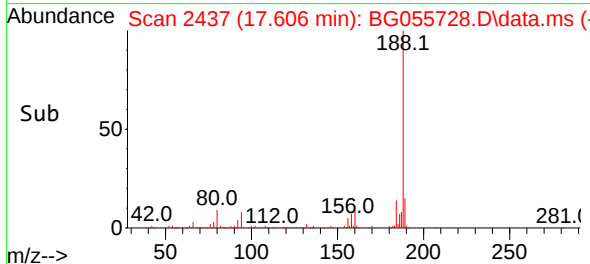
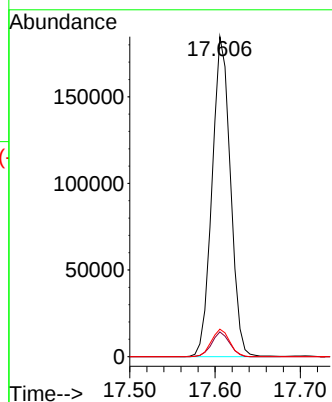
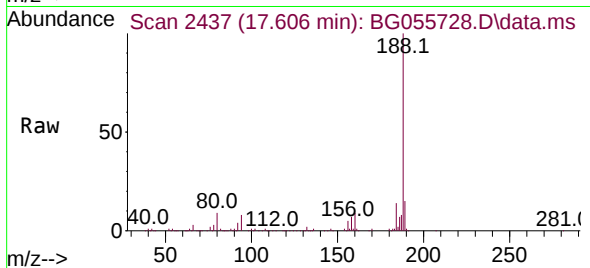




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2437
Delta R.T. -0.013 min
Lab File: BG055728.D
Acq: 21 Nov 2022 23:52

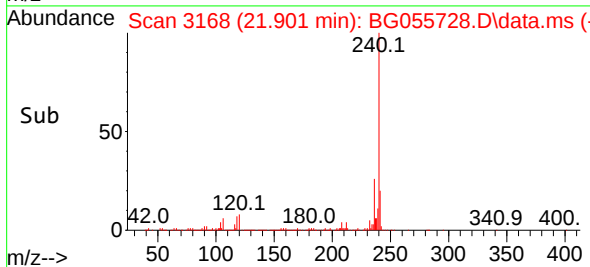
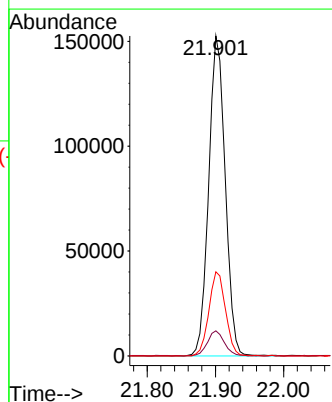
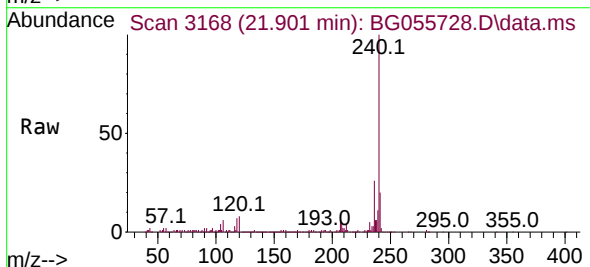
Instrument :
BNA_G
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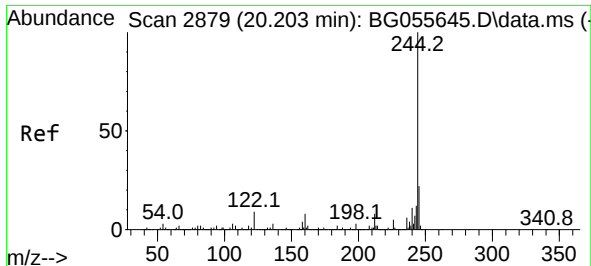
Tgt Ion:188 Resp: 275858
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.2
80 8.6 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.901 min Scan# 3168
Delta R.T. -0.018 min
Lab File: BG055728.D
Acq: 21 Nov 2022 23:52

Tgt Ion:240 Resp: 255918
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.3 21.9 32.9

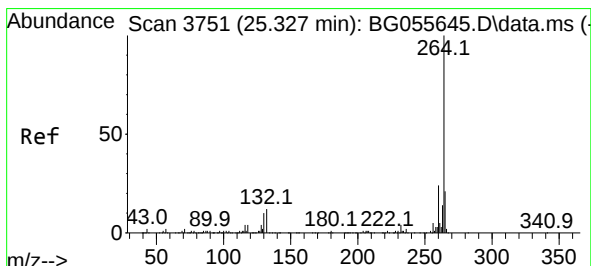
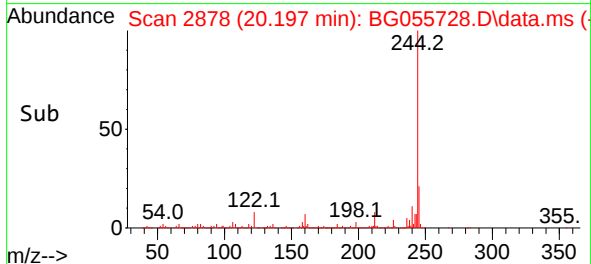
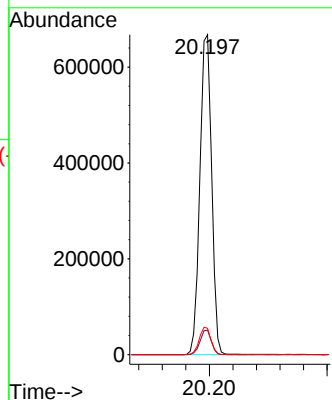
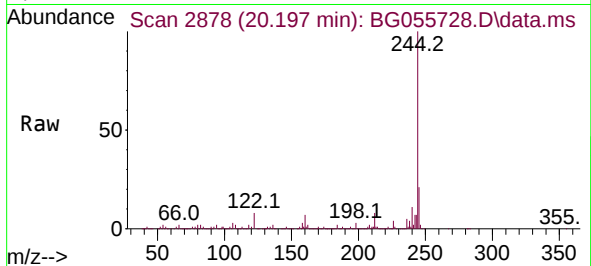




#79
 Terphenyl-d14
 Concen: 72.351 ng
 RT: 20.197 min Scan# 2879
 Delta R.T. -0.007 min
 Lab File: BG055728.D
 Acq: 21 Nov 2022 23:52

Instrument :
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 ClientSampleId :
 250FB-BP-BACKFILL-02

Tgt Ion:244 Resp: 925740
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.2 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.308 min Scan# 3748
 Delta R.T. -0.018 min
 Lab File: BG055728.D
 Acq: 21 Nov 2022 23:52

Tgt Ion:264 Resp: 270080
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.5 17.1 25.7

