

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137639.D
 Acq On : 18 Mar 2024 19:05
 Operator : CG\JU
 Sample : P1773-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4B

Quant Time: Mar 18 23:25:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	113216	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	437753	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	232263	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	346890	20.000	ng	0.00
76) Chrysene-d12	13.874	240	258298	20.000	ng	0.00
86) Perylene-d12	15.298	264	280492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	463736	62.036	ng	0.00
7) Phenol-d6	6.357	99	372811	34.550	ng	-0.01
23) Nitrobenzene-d5	7.292	82	827293	87.811	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	254181	124.619	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1371280	92.419	ng	0.00
79) Terphenyl-d14	12.827	244	1201287	63.953	ng	0.00

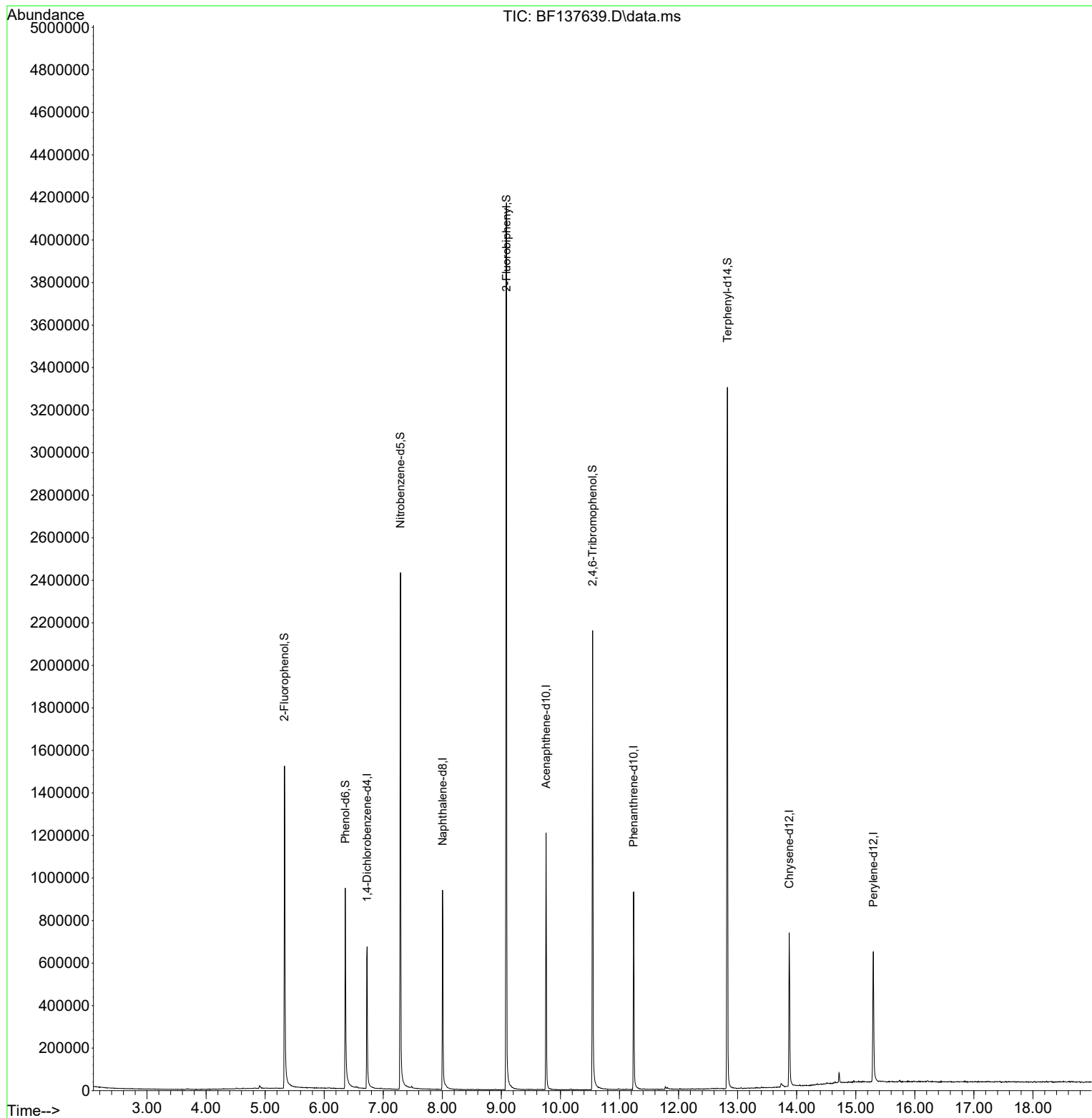
Target Compounds	Qvalue

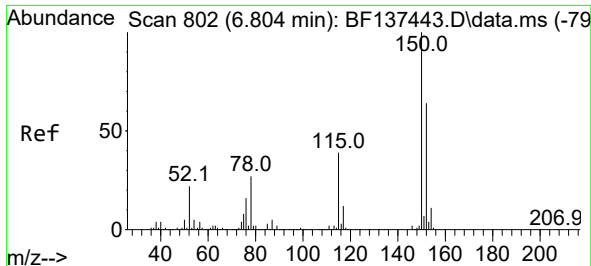
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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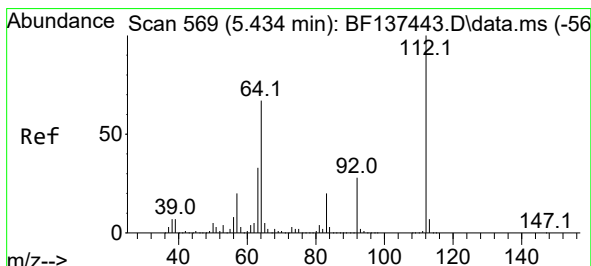
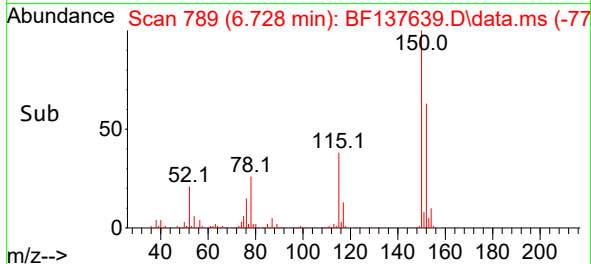
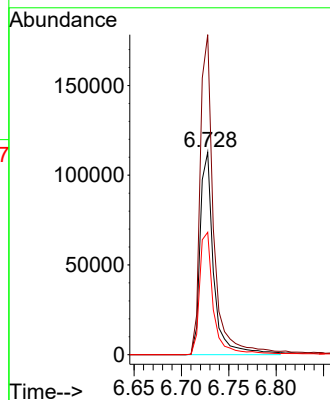
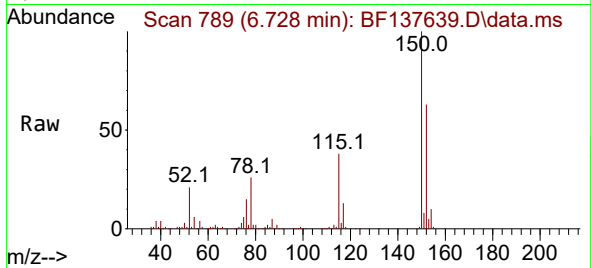




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137639.D
Acq: 18 Mar 2024 19:05

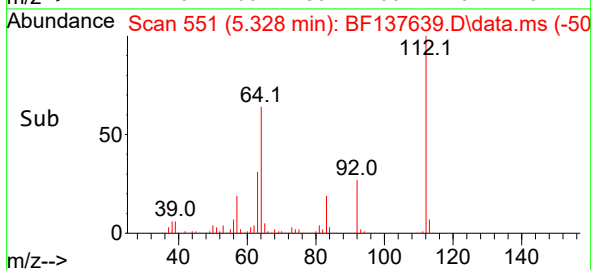
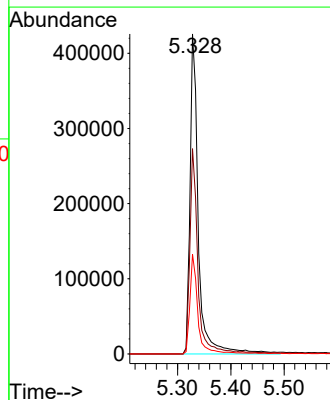
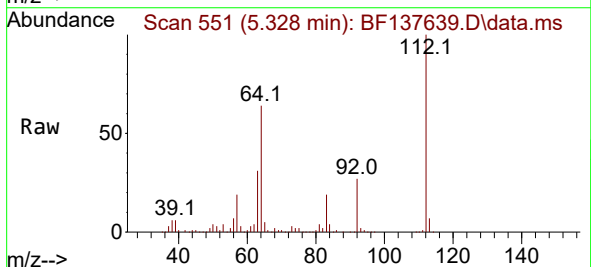
Instrument :
BNA_F
ClientSampleId :
MW-4B

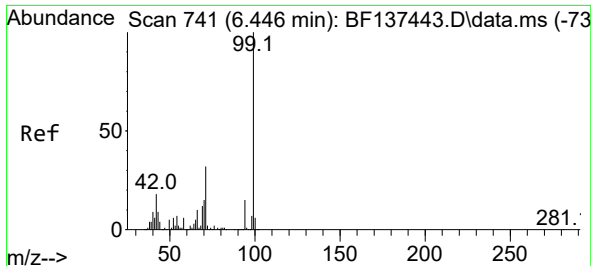
Tgt Ion:152 Resp: 113216
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.6
115 60.5 48.8 73.2



#5
2-Fluorophenol
Concen: 62.036 ng
RT: 5.328 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF137639.D
Acq: 18 Mar 2024 19:05

Tgt Ion:112 Resp: 463736
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 31.1 26.2 39.2





#7
Phenol-d6
Concen: 34.550 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137639.D
Acq: 18 Mar 2024 19:05

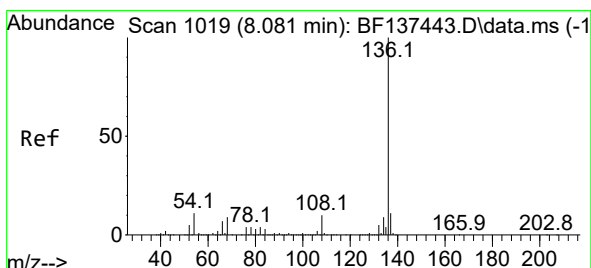
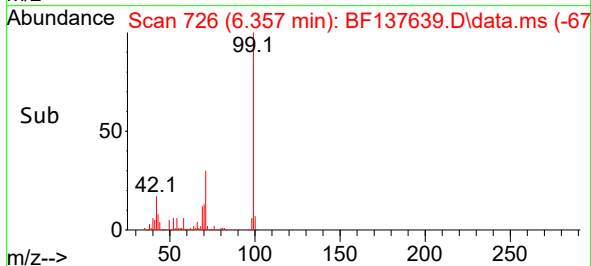
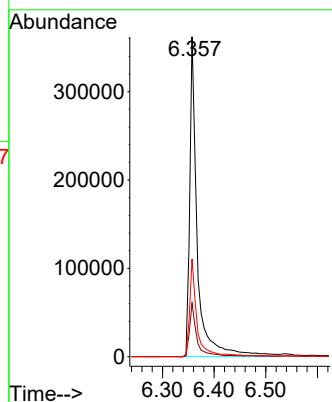
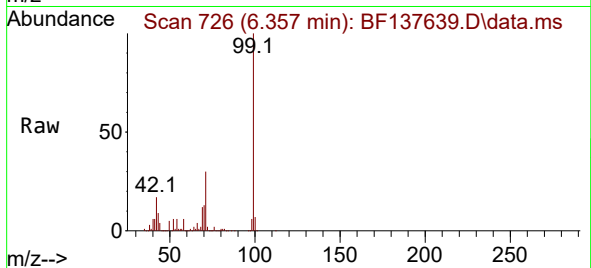
Instrument :

BNA_F

ClientSampleId :

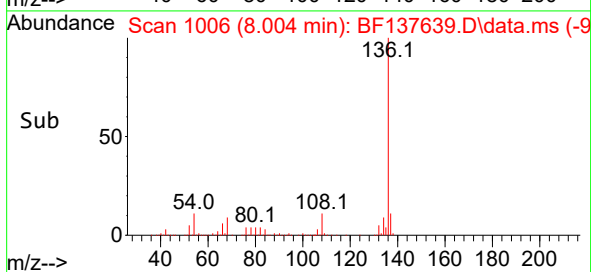
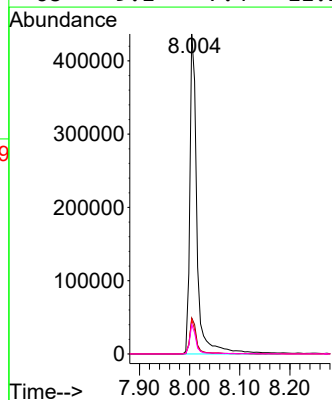
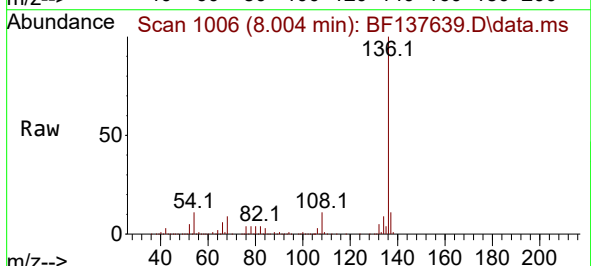
MW-4B

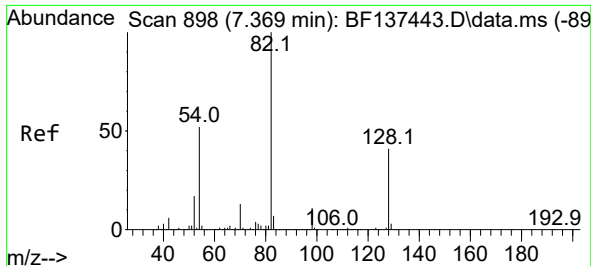
Tgt Ion: 99 Resp: 372811
Ion Ratio Lower Upper
99 100
42 16.7 14.6 21.8
71 30.5 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137639.D
Acq: 18 Mar 2024 19:05

Tgt Ion: 136 Resp: 437753
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.8 8.5 12.7
68 9.1 7.4 11.2





#23

Nitrobenzene-d5

Concen: 87.811 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137639.D

Acq: 18 Mar 2024 19:05

Instrument :

BNA_F

ClientSampleId :

MW-4B

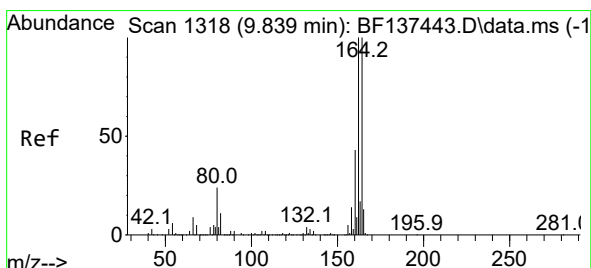
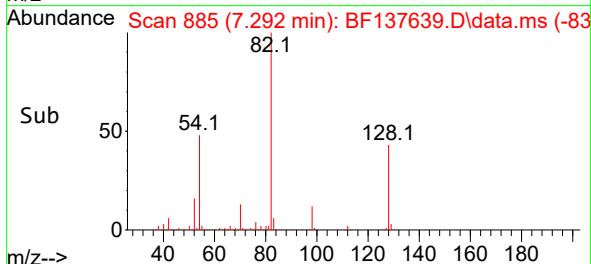
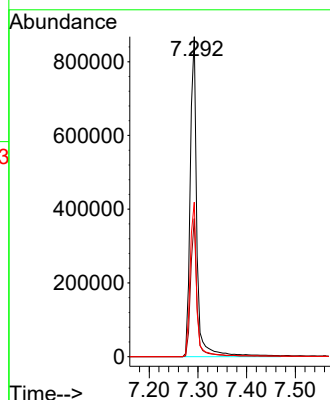
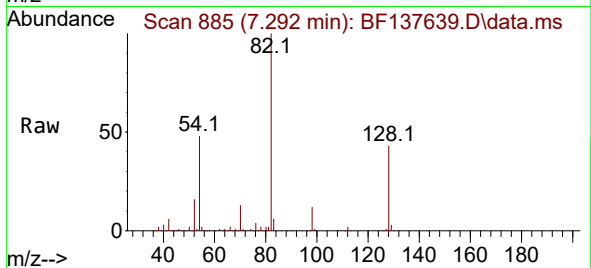
Tgt Ion: 82 Resp: 827293

Ion Ratio Lower Upper

82 100

128 43.1 32.5 48.7

54 48.3 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF137639.D

Acq: 18 Mar 2024 19:05

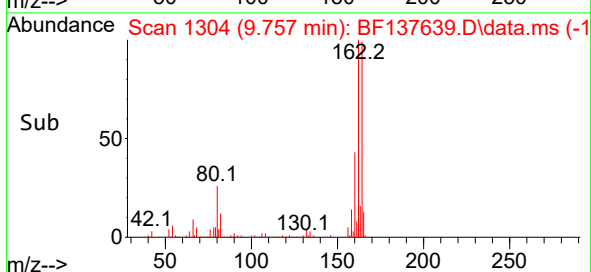
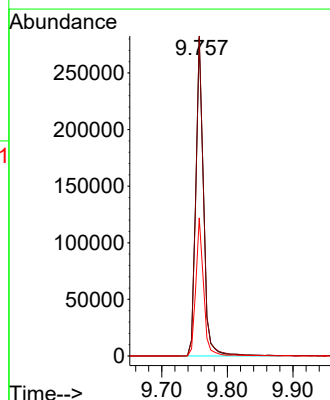
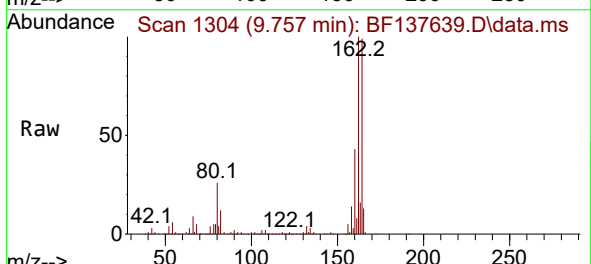
Tgt Ion: 164 Resp: 232263

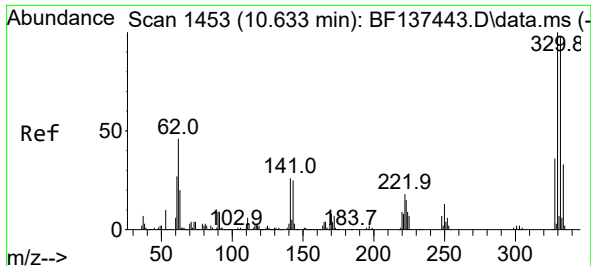
Ion Ratio Lower Upper

164 100

162 100.6 79.8 119.8

160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 124.619 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137639.D

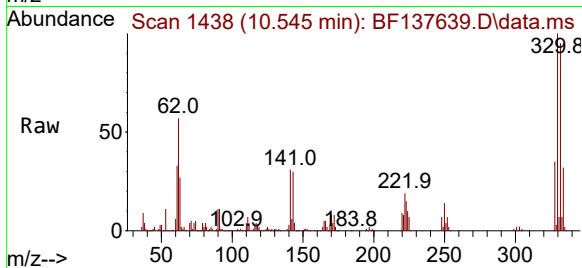
Acq: 18 Mar 2024 19:05

Instrument :

BNA_F

ClientSampleId :

MW-4B



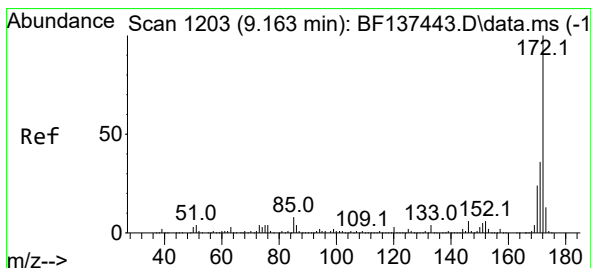
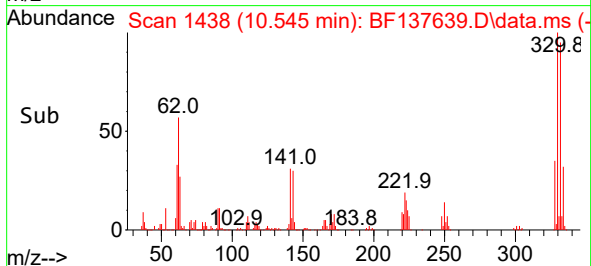
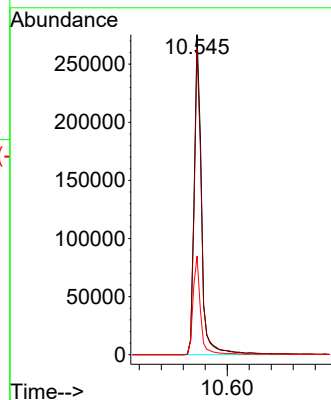
Tgt Ion:330 Resp: 254181

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

141 31.3 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 92.419 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137639.D

Acq: 18 Mar 2024 19:05

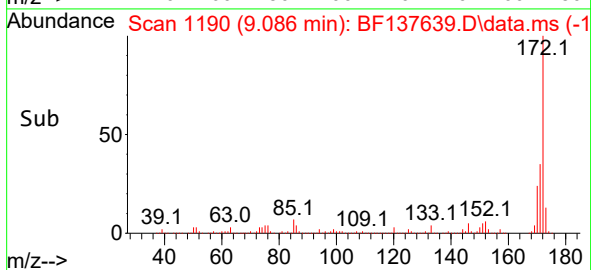
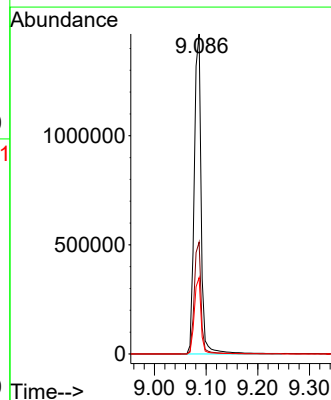
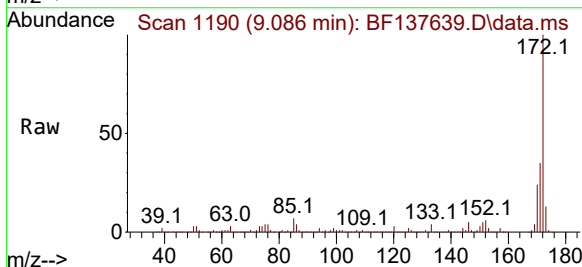
Tgt Ion:172 Resp: 1371280

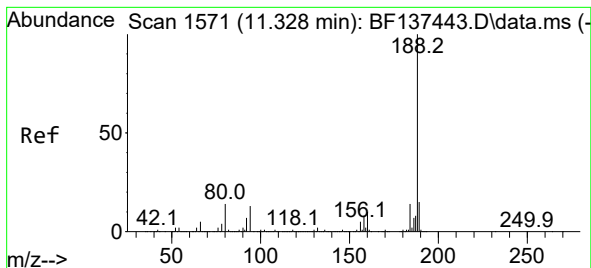
Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137639.D

Acq: 18 Mar 2024 19:05

Instrument :

BNA_F

ClientSampleId :

MW-4B

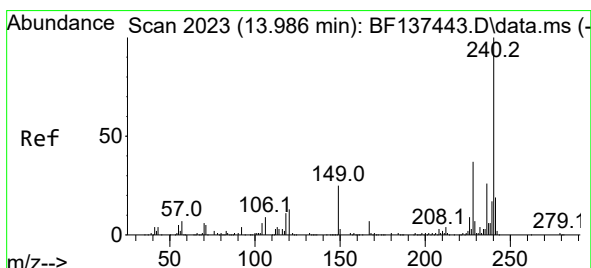
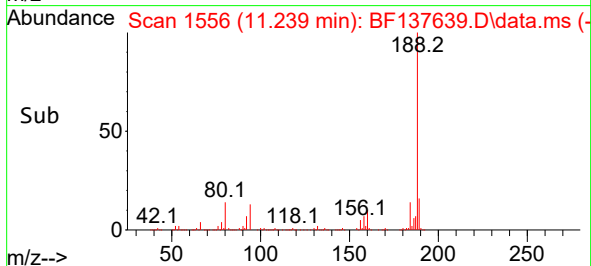
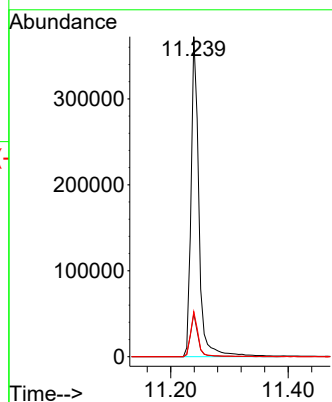
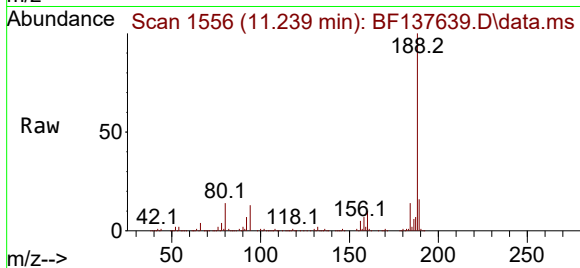
Tgt Ion:188 Resp: 346890

Ion Ratio Lower Upper

188 100

94 13.4 10.6 15.8

80 14.1 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF137639.D

Acq: 18 Mar 2024 19:05

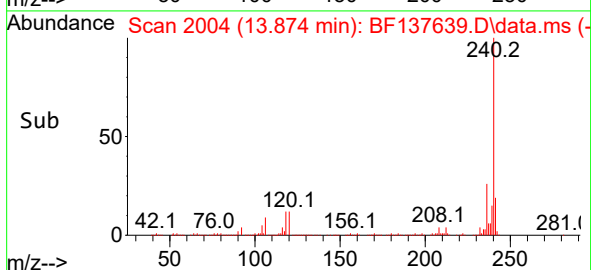
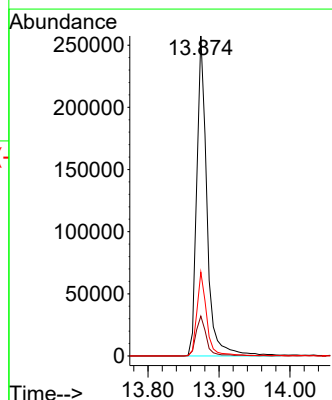
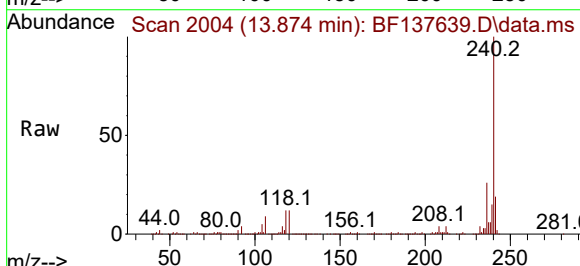
Tgt Ion:240 Resp: 258298

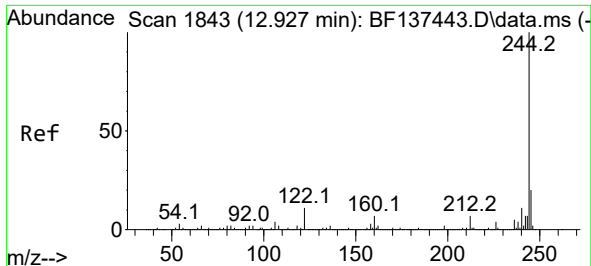
Ion Ratio Lower Upper

240 100

120 12.4 10.4 15.6

236 26.2 20.9 31.3

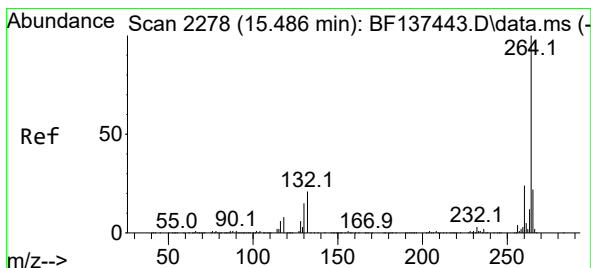
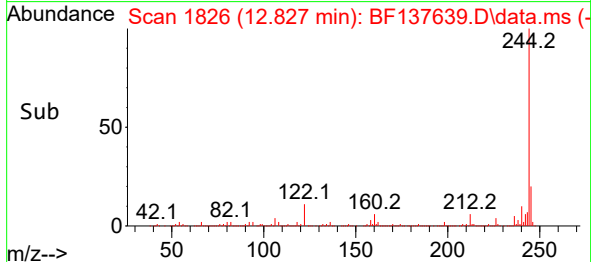
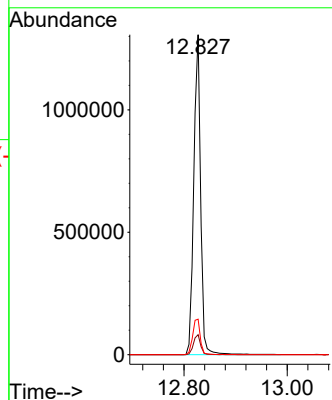
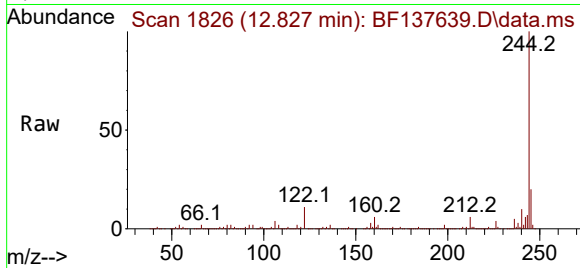




#79
 Terphenyl-d14
 Concen: 63.953 ng
 RT: 12.827 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF137639.D
 Acq: 18 Mar 2024 19:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-4B

Tgt Ion:244 Resp: 1201287
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 11.1 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BF137639.D
 Acq: 18 Mar 2024 19:05

Tgt Ion:264 Resp: 280492
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.3 28.9
 265 20.8 17.4 26.0

