

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132070.D
 Acq On : 13 Jan 2023 21:04
 Operator : CG\JU
 Sample : 01140-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-5

Quant Time: Jan 16 01:19:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	79460	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	291648	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	169109	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	311359	20.000	ng	0.00
76) Chrysene-d12	13.957	240	155527	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	182610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	423597	87.842	ng	0.01
7) Phenol-d6	6.422	99	557040	87.123	ng	0.00
23) Nitrobenzene-d5	7.345	82	389151	55.379	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	141854	72.956	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	660346	52.714	ng	0.00
79) Terphenyl-d14	12.904	244	648813	59.792	ng	0.00

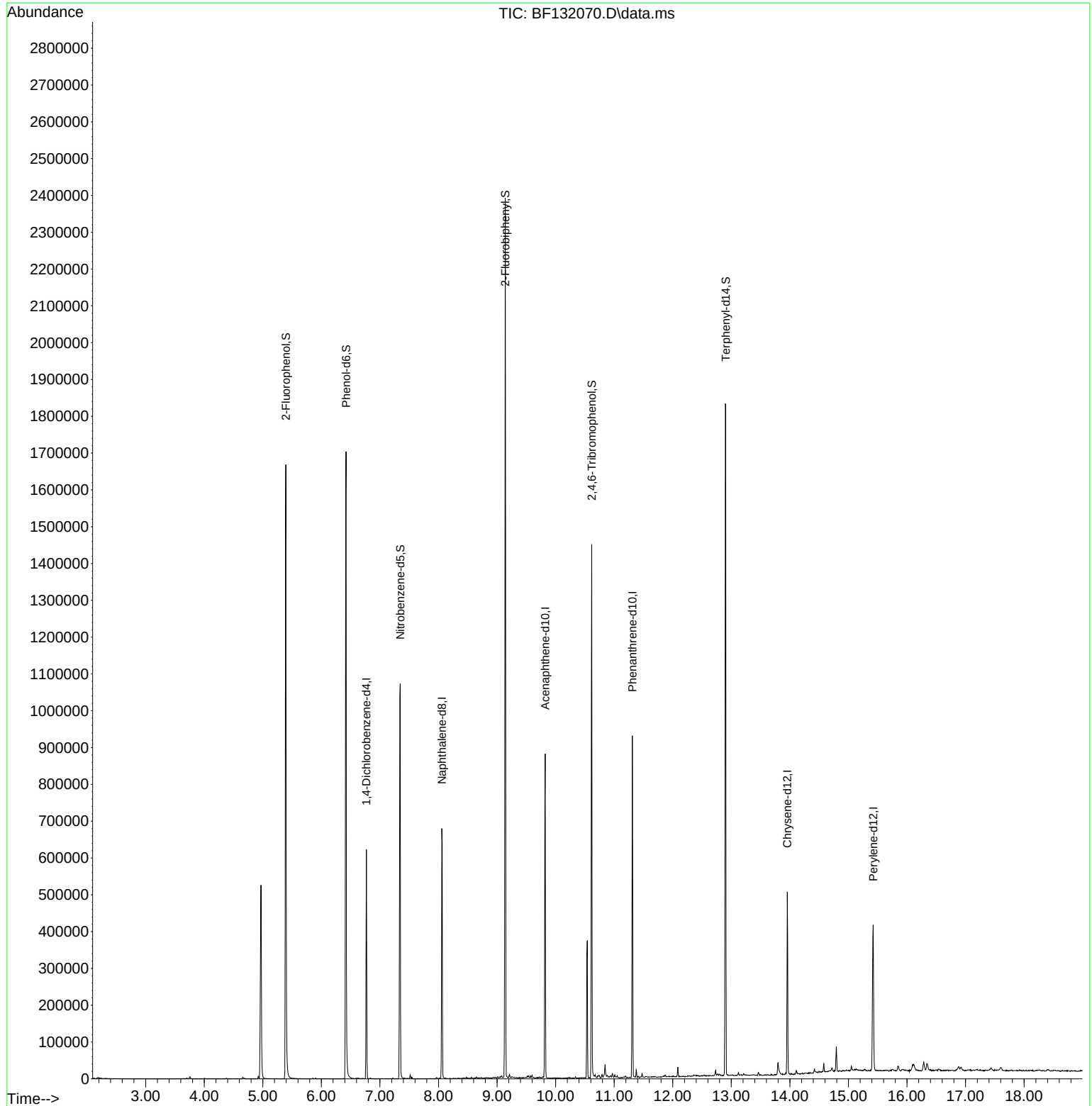
Target Compounds	Qvalue

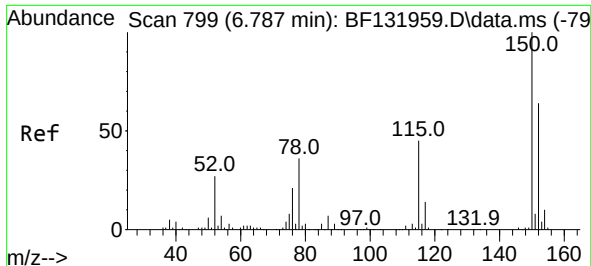
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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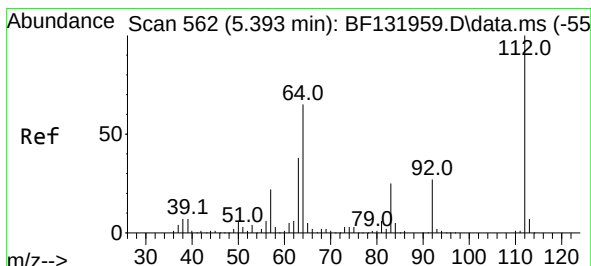
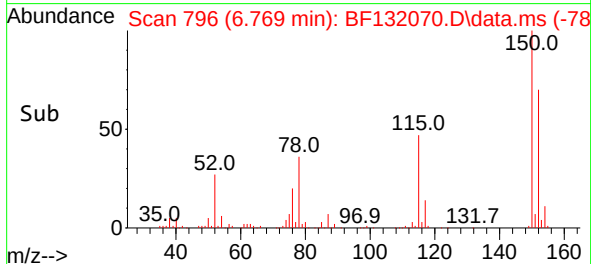
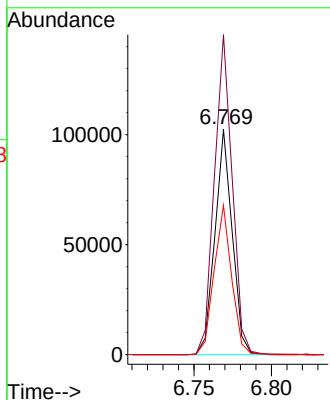
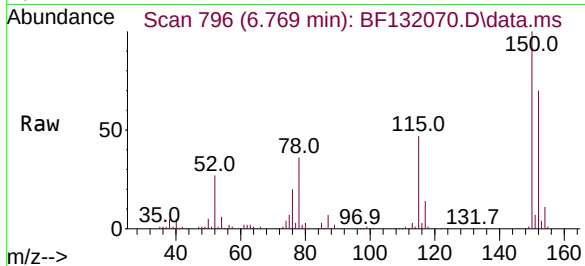




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF132070.D
 Acq: 13 Jan 2023 21:04

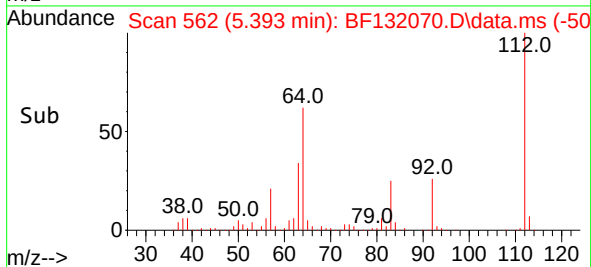
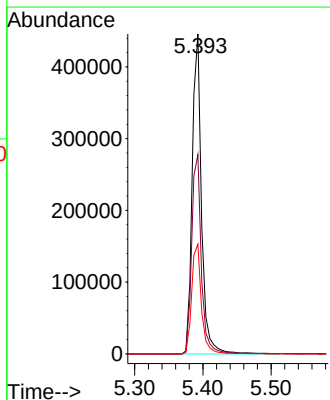
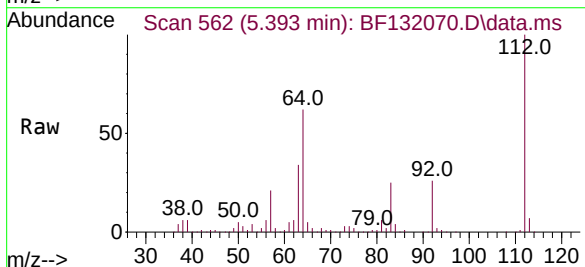
Instrument :
 BNA_F
 ClientSampleId :
 MH-5

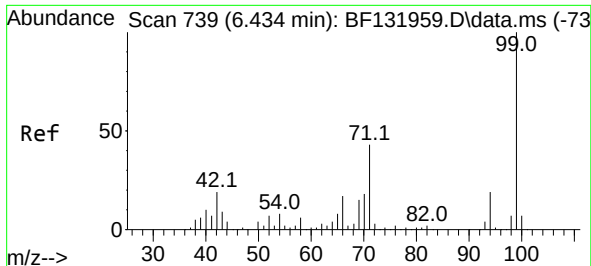
Tgt Ion:152 Resp: 79460
 Ion Ratio Lower Upper
 152 100
 150 141.9 124.6 186.8
 115 66.2 55.6 83.4



#5
 2-Fluorophenol
 Concen: 87.842 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.012 min
 Lab File: BF132070.D
 Acq: 13 Jan 2023 21:04

Tgt Ion:112 Resp: 423597
 Ion Ratio Lower Upper
 112 100
 64 62.3 51.9 77.9
 63 34.3 30.2 45.2

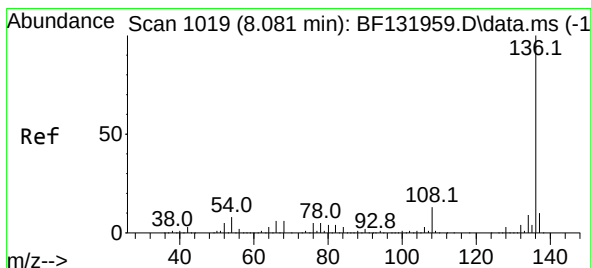
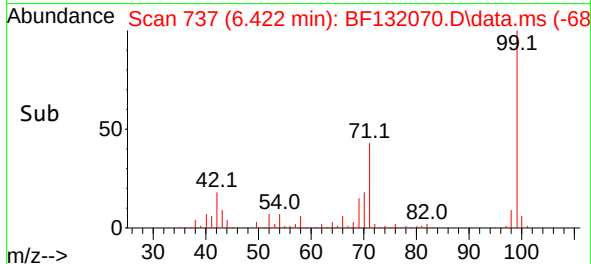
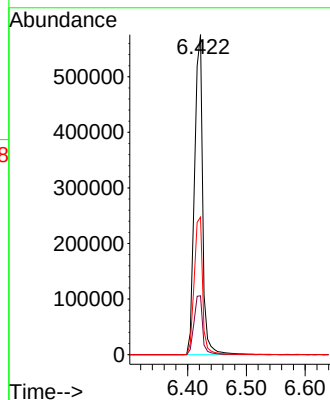
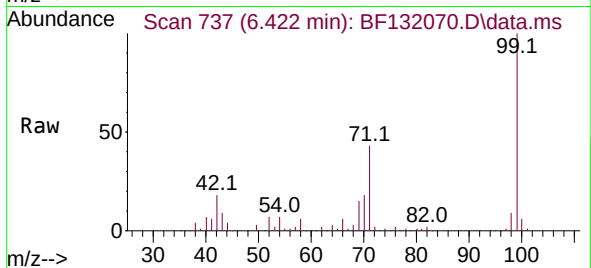




#7
Phenol-d6
Concen: 87.123 ng
RT: 6.422 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF132070.D
Acq: 13 Jan 2023 21:04

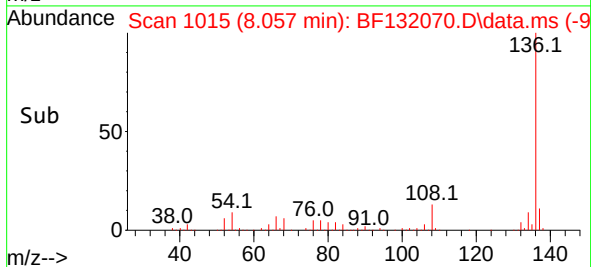
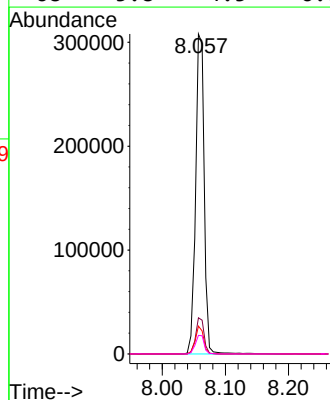
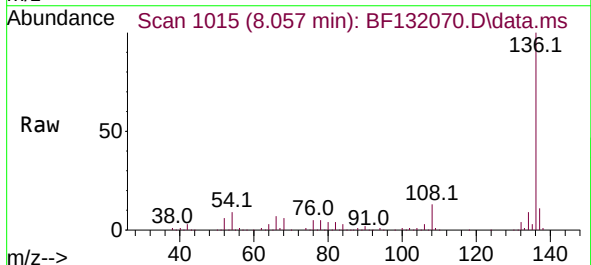
Instrument :
BNA_F
ClientSampleId :
MH-5

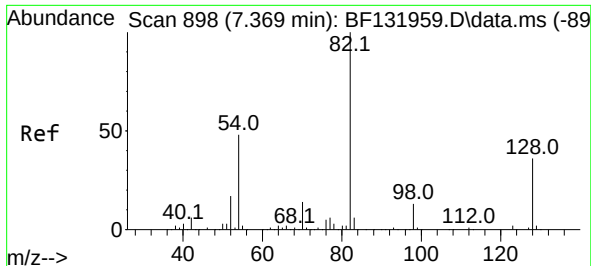
Tgt Ion: 99 Resp: 557040
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.2
71 43.0 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF132070.D
Acq: 13 Jan 2023 21:04

Tgt Ion: 136 Resp: 291648
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 8.7 6.6 9.8
68 5.8 4.5 6.7

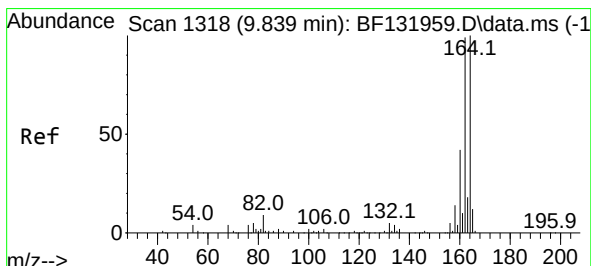
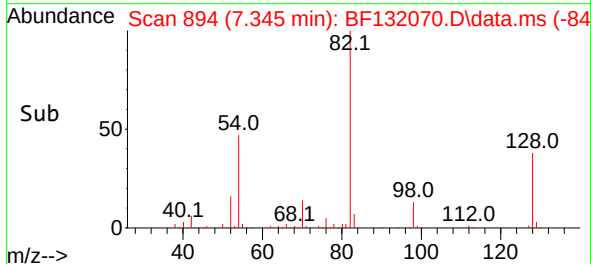
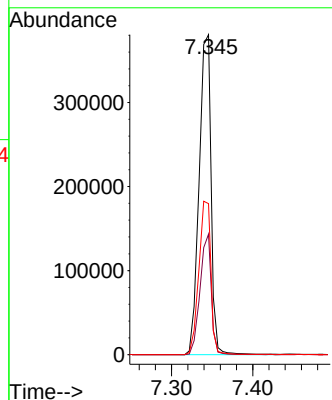
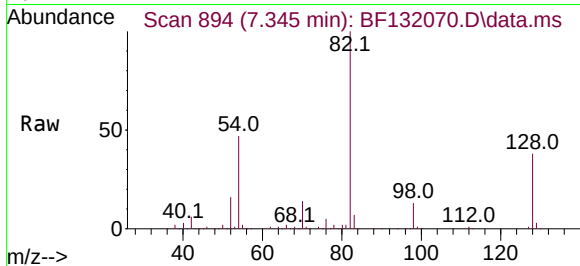




#23
Nitrobenzene-d5
Concen: 55.379 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF132070.D
Acq: 13 Jan 2023 21:04

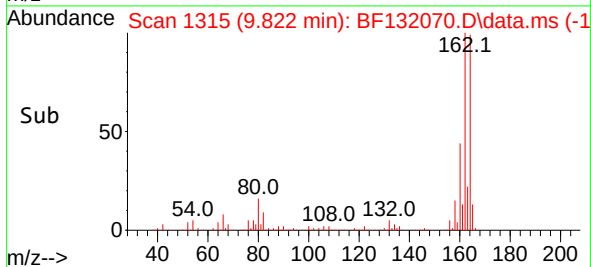
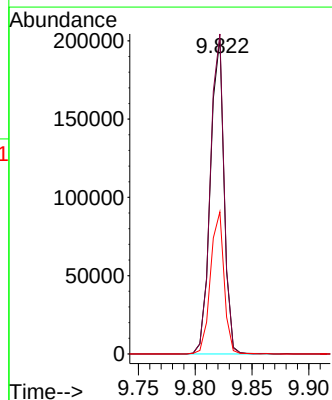
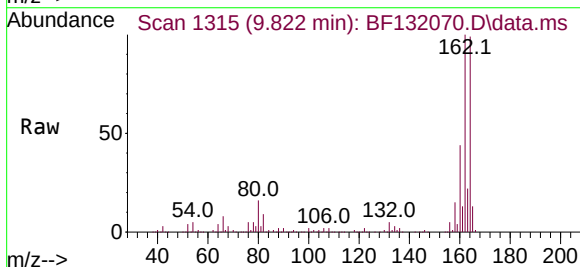
Instrument :
BNA_F
ClientSampleId :
MH-5

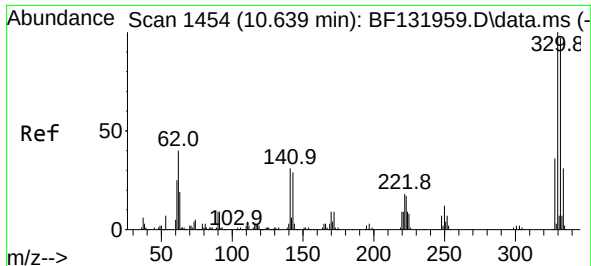
Tgt Ion: 82 Resp: 389151
Ion Ratio Lower Upper
82 100
128 37.6 28.7 43.1
54 47.2 38.1 57.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132070.D
Acq: 13 Jan 2023 21:04

Tgt Ion:164 Resp: 169109
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.0
160 45.0 33.9 50.9

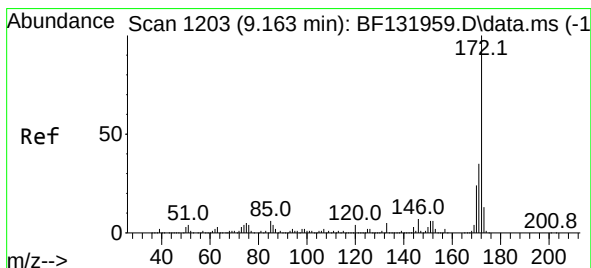
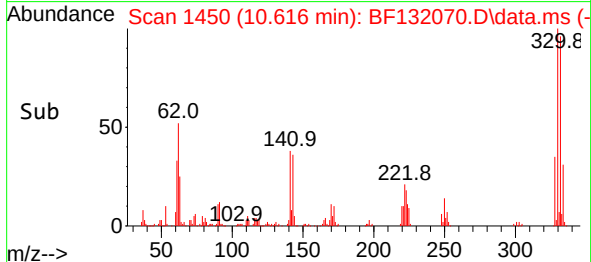
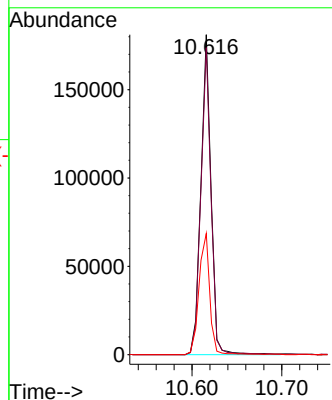
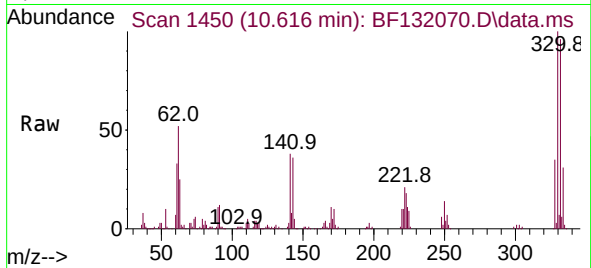




#42
2,4,6-Tribromophenol
Concen: 72.956 ng
RT: 10.616 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF132070.D
Acq: 13 Jan 2023 21:04

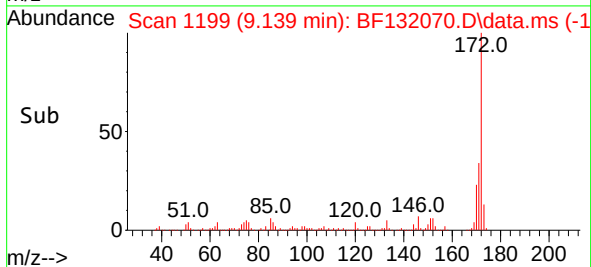
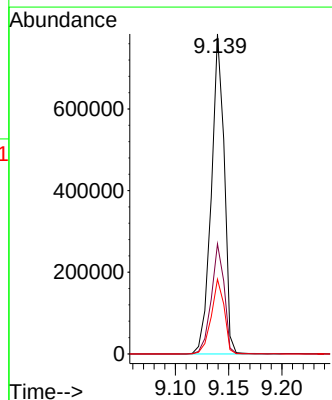
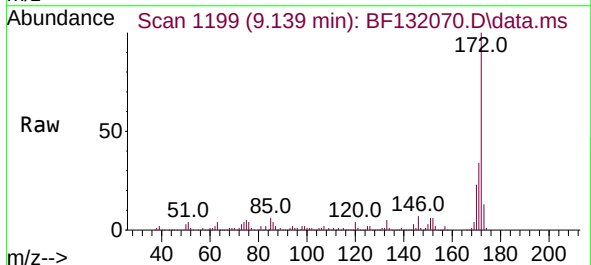
Instrument :
BNA_F
ClientSampleId :
MH-5

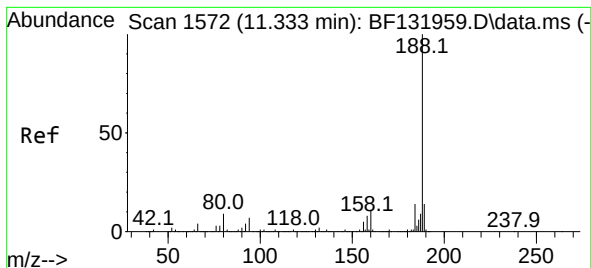
Tgt Ion:330 Resp: 141854
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 40.2 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 52.714 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF132070.D
Acq: 13 Jan 2023 21:04

Tgt Ion:172 Resp: 660346
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132070.D

Acq: 13 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

MH-5

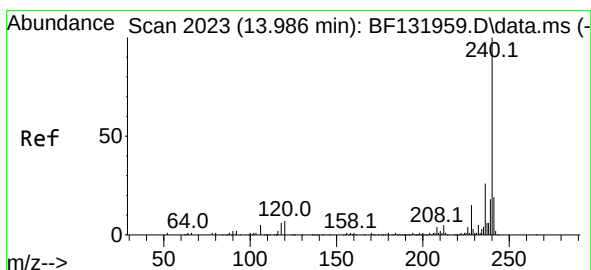
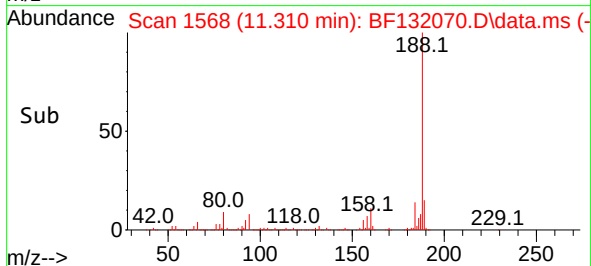
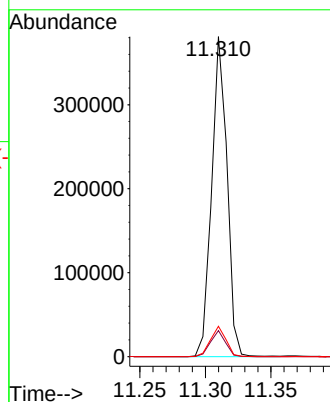
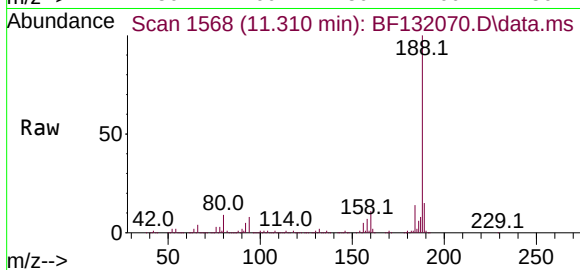
Tgt Ion:188 Resp: 311359

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

80 9.5 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF132070.D

Acq: 13 Jan 2023 21:04

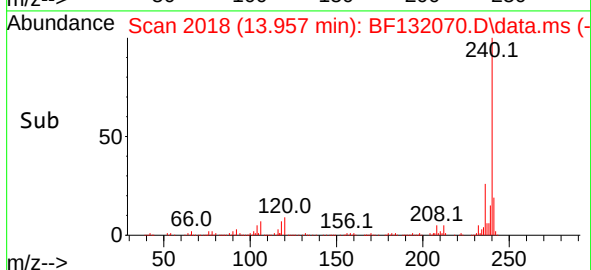
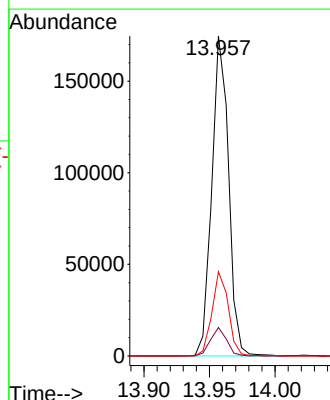
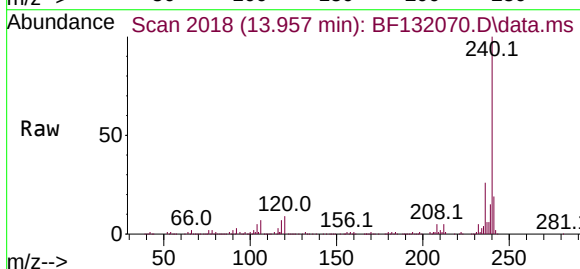
Tgt Ion:240 Resp: 155527

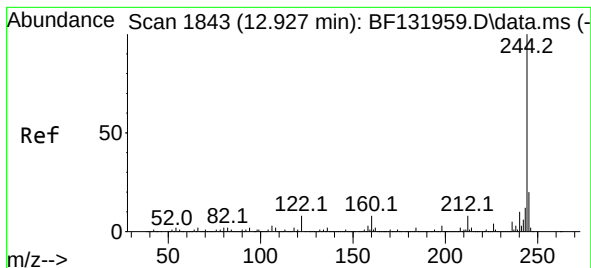
Ion Ratio Lower Upper

240 100

120 8.9 5.4 8.0#

236 26.3 21.1 31.7





#79

Terphenyl-d14

Concen: 59.792 ng

RT: 12.904 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF132070.D

Acq: 13 Jan 2023 21:04

Instrument :

BNA_F

ClientSampleId :

MH-5

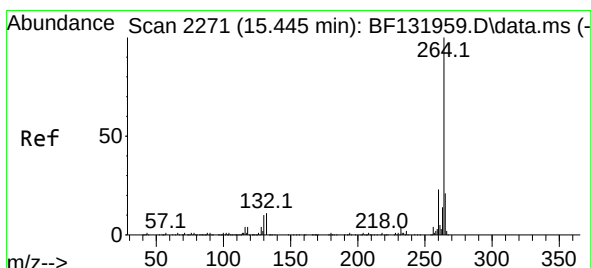
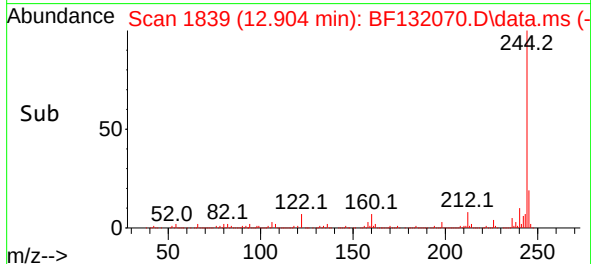
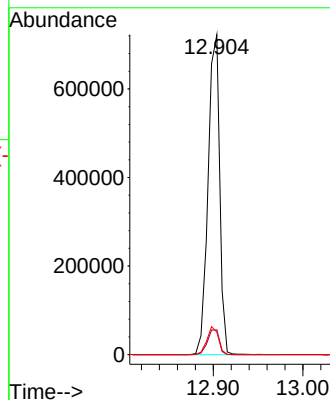
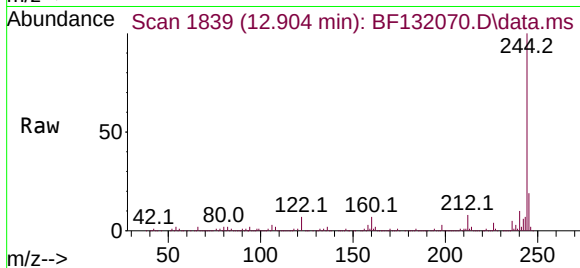
Tgt Ion:244 Resp: 648813

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

122 7.0 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.006 min

Lab File: BF132070.D

Acq: 13 Jan 2023 21:04

Tgt Ion:264 Resp: 182610

Ion Ratio Lower Upper

264 100

260 21.9 18.3 27.5

265 21.1 16.9 25.3

