

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131972.D
 Acq On : 09 Jan 2023 20:01
 Operator : CG\JU
 Sample : 01047-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Jan 10 03:14:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	73218	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	272406	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	158937	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	313451	20.000	ng	0.00
76) Chrysene-d12	13.974	240	176792	20.000	ng	-0.01
86) Perylene-d12	15.439	264	152929	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	647054	145.620	ng	0.02
7) Phenol-d6	6.428	99	784259	133.118	ng	0.00
23) Nitrobenzene-d5	7.357	82	658625	100.347	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	295759	161.844	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1169985	99.375	ng	0.00
79) Terphenyl-d14	12.921	244	1460272	118.386	ng	0.00

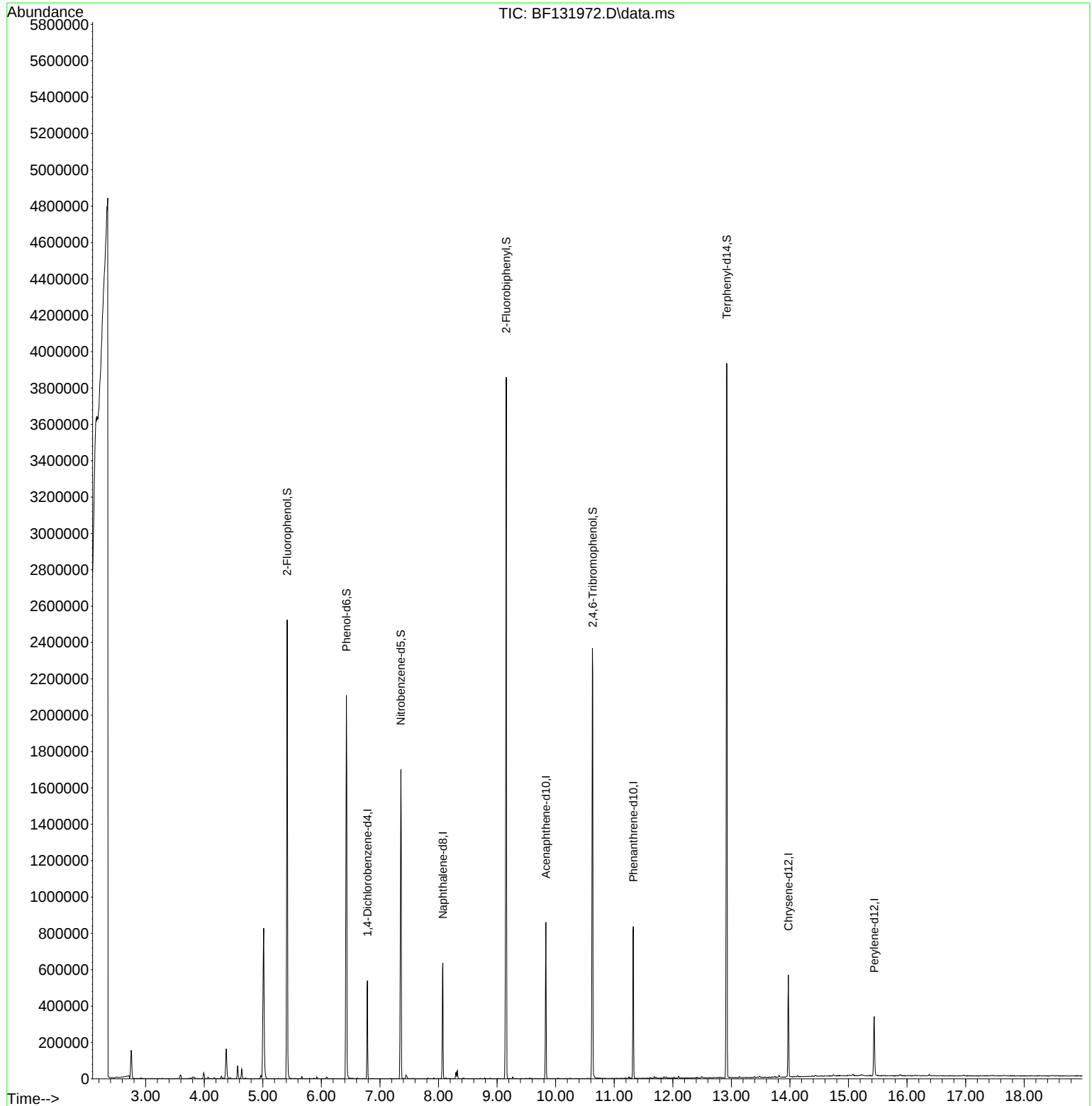
Target Compounds	Qvalue

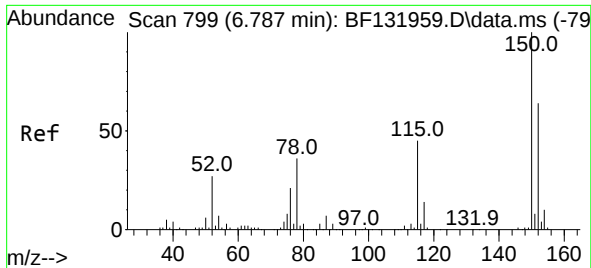
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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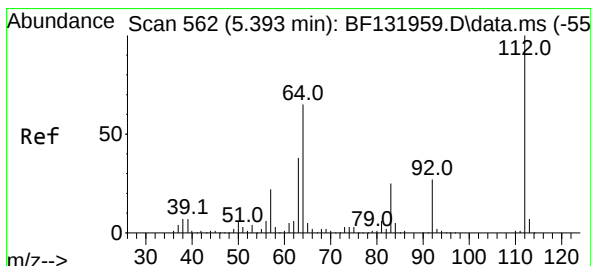
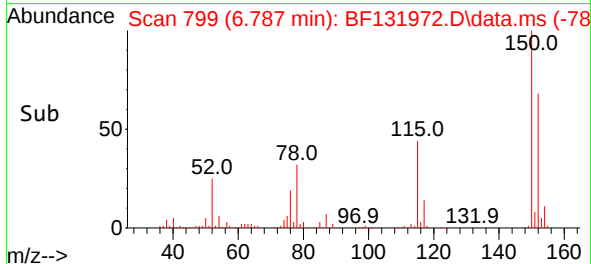
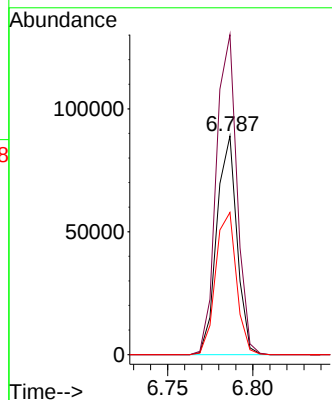
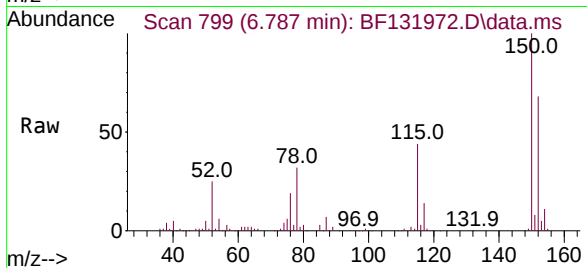




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: BF131972.D
 Acq: 09 Jan 2023 20:01

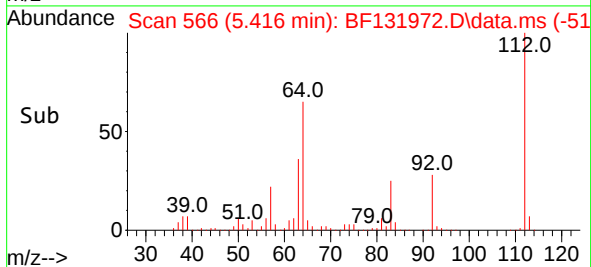
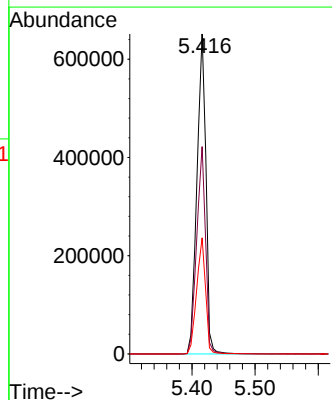
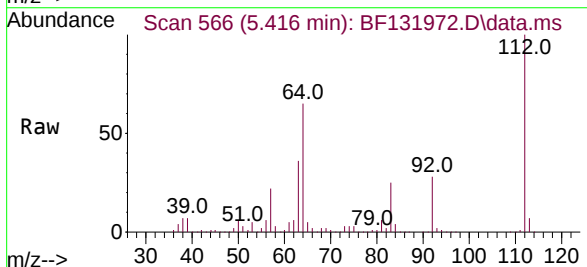
Instrument :
 BNA_F
 ClientSampleId :
 TP-6

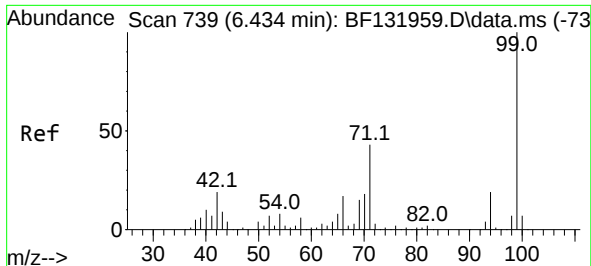
Tgt Ion:152 Resp: 73218
 Ion Ratio Lower Upper
 152 100
 150 146.4 124.6 186.8
 115 65.1 55.6 83.4



#5
 2-Fluorophenol
 Concen: 145.620 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.023 min
 Lab File: BF131972.D
 Acq: 09 Jan 2023 20:01

Tgt Ion:112 Resp: 647054
 Ion Ratio Lower Upper
 112 100
 64 64.8 51.9 77.9
 63 36.3 30.2 45.2

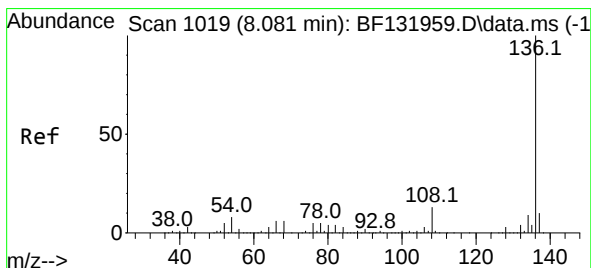
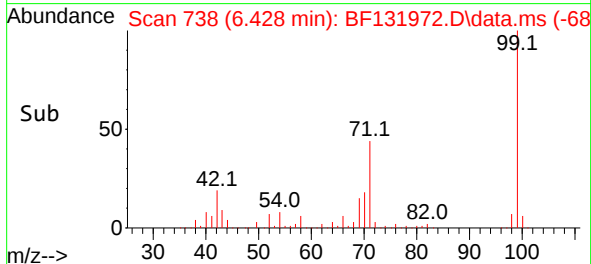
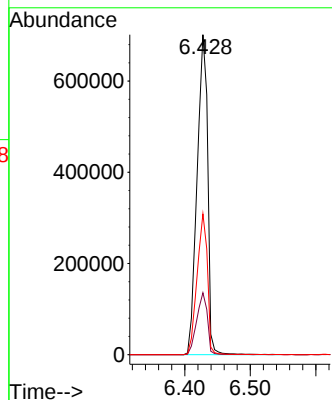
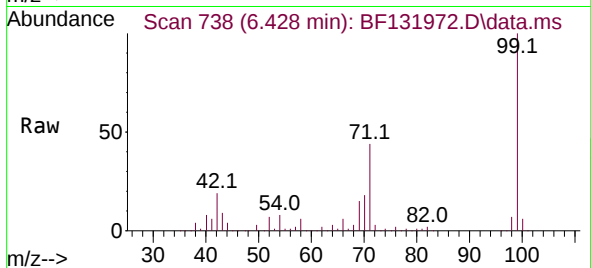




#7
Phenol-d6
Concen: 133.118 ng
RT: 6.428 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF131972.D
Acq: 09 Jan 2023 20:01

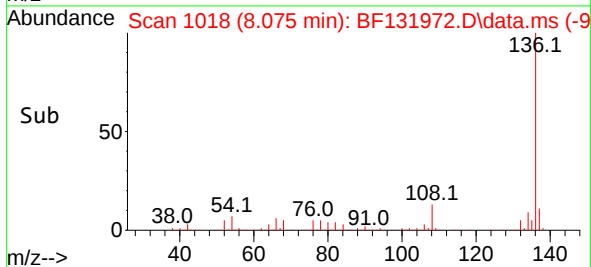
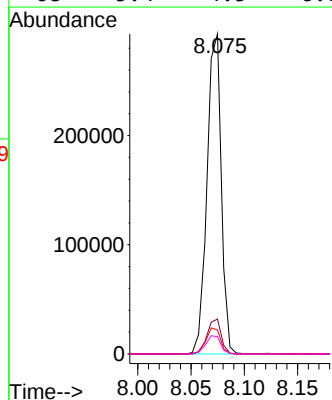
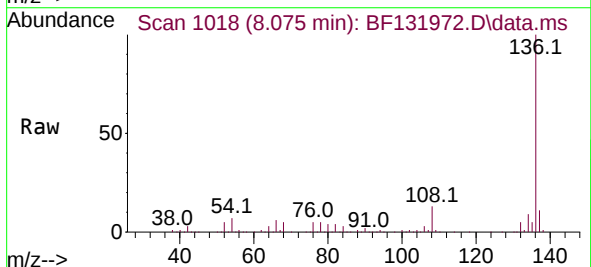
Instrument :
BNA_F
ClientSampleId :
TP-6

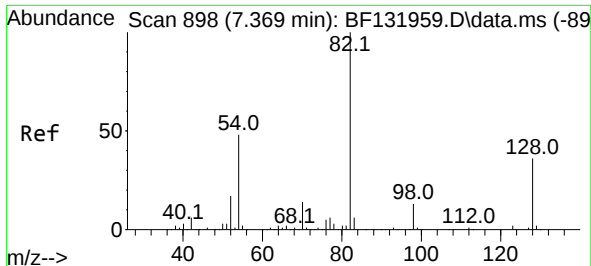
Tgt Ion: 99 Resp: 784259
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.2
71 44.0 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF131972.D
Acq: 09 Jan 2023 20:01

Tgt Ion: 136 Resp: 272406
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 7.5 6.6 9.8
68 5.4 4.5 6.7

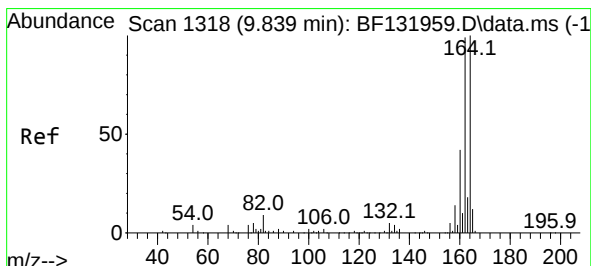
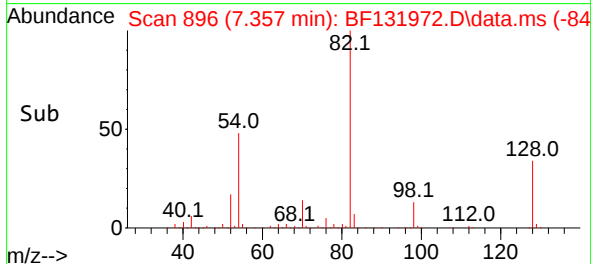
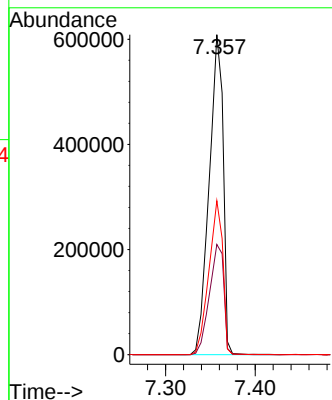
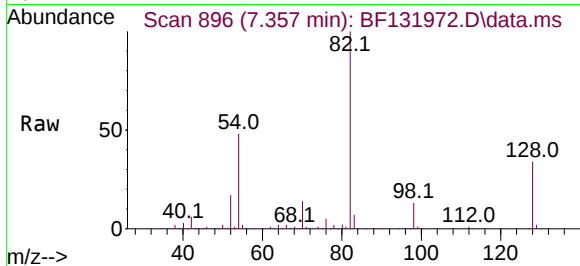




#23
Nitrobenzene-d5
Concen: 100.347 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF131972.D
Acq: 09 Jan 2023 20:01

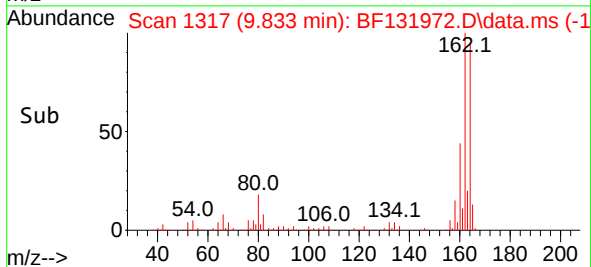
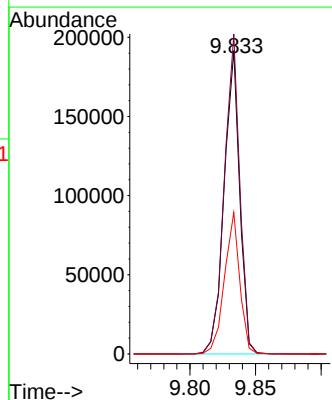
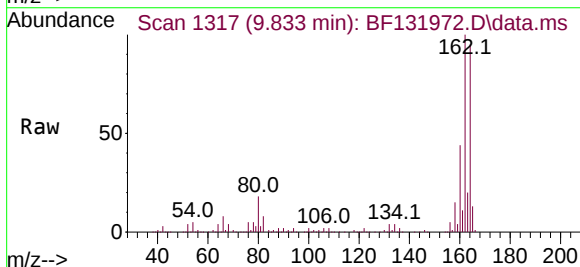
Instrument :
BNA_F
ClientSampleId :
TP-6

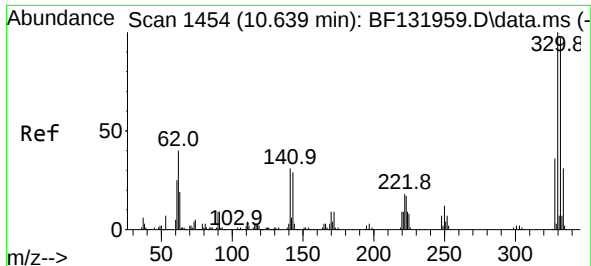
Tgt Ion: 82 Resp: 658625
Ion Ratio Lower Upper
82 100
128 34.4 28.7 43.1
54 48.1 38.1 57.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131972.D
Acq: 09 Jan 2023 20:01

Tgt Ion:164 Resp: 158937
Ion Ratio Lower Upper
164 100
162 105.5 79.4 119.0
160 46.6 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 161.844 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF131972.D

Acq: 09 Jan 2023 20:01

Instrument :

BNA_F

ClientSampleId :

TP-6

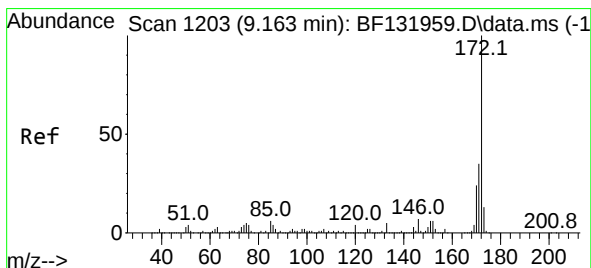
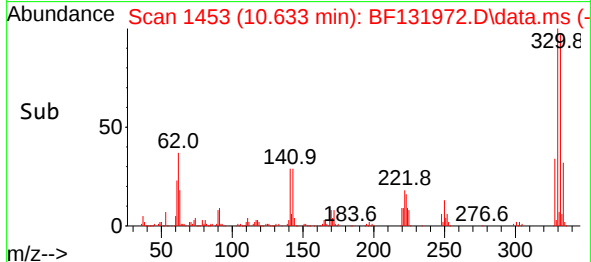
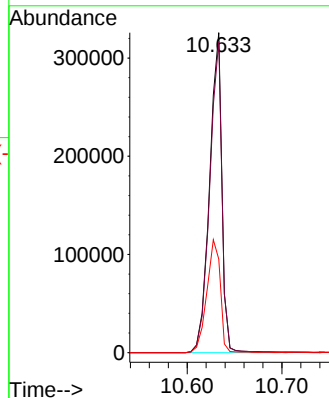
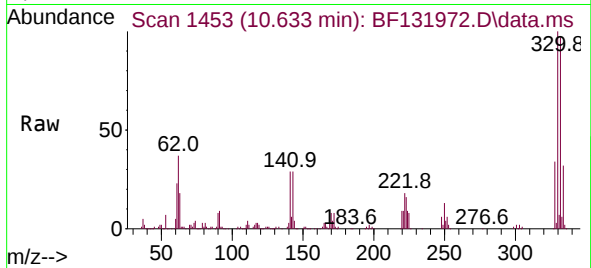
Tgt Ion:330 Resp: 295759

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 38.7 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 99.375 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF131972.D

Acq: 09 Jan 2023 20:01

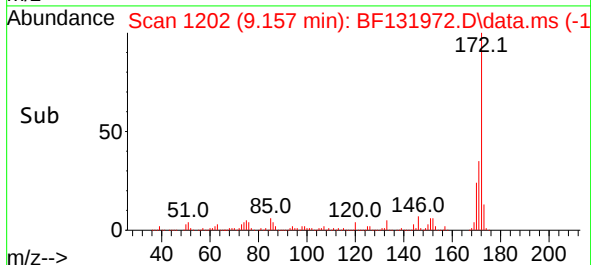
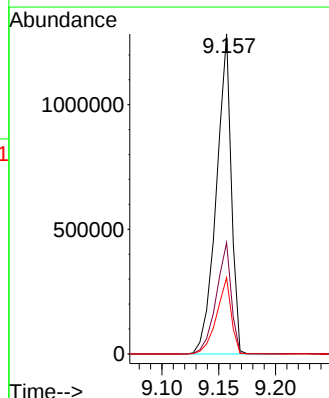
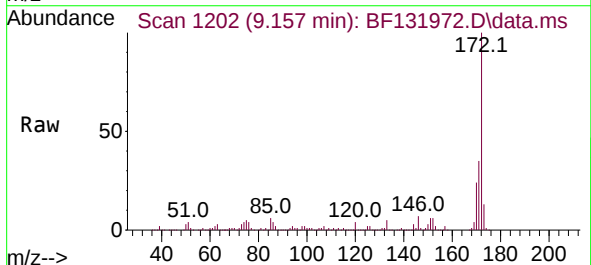
Tgt Ion:172 Resp: 1169985

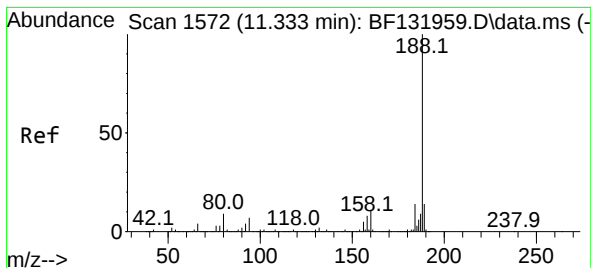
Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131972.D

Acq: 09 Jan 2023 20:01

Instrument :

BNA_F

ClientSampleId :

TP-6

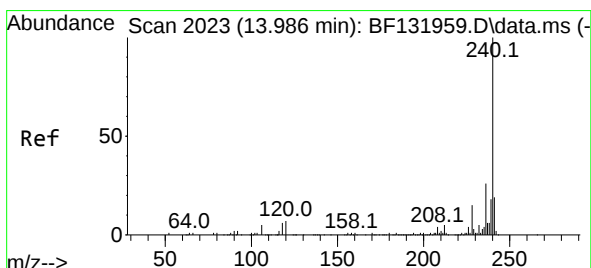
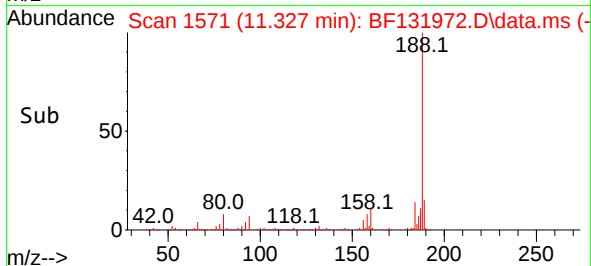
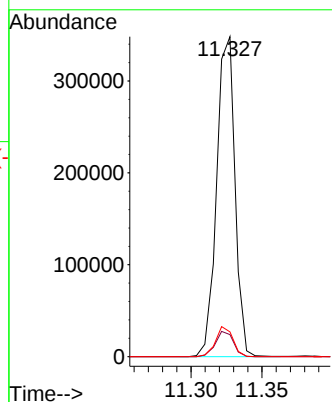
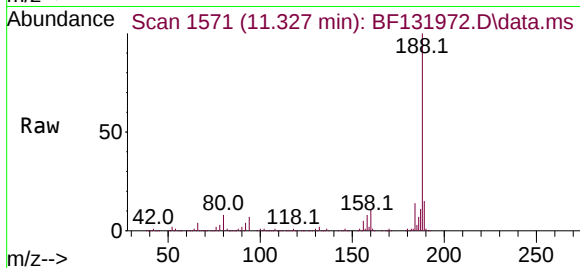
Tgt Ion:188 Resp: 313451

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

80 7.7 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF131972.D

Acq: 09 Jan 2023 20:01

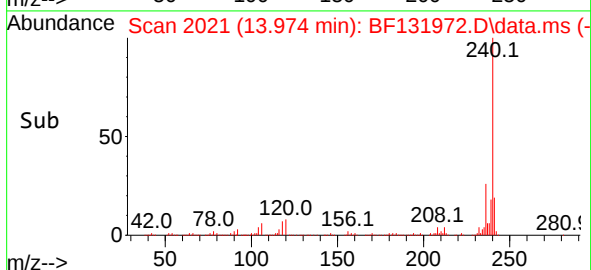
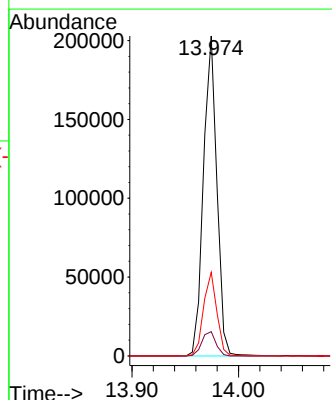
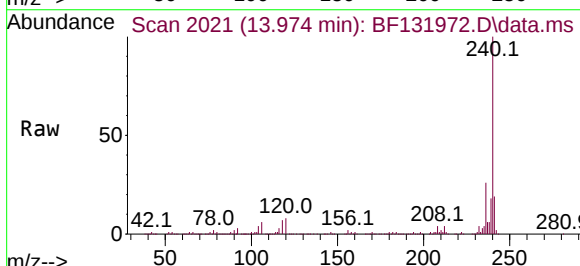
Tgt Ion:240 Resp: 176792

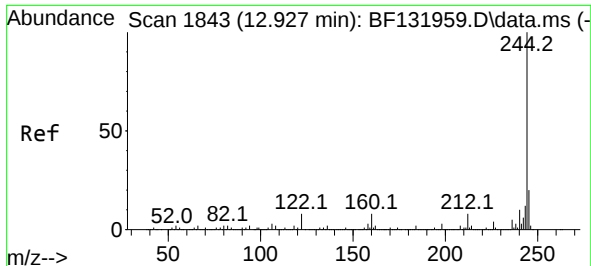
Ion Ratio Lower Upper

240 100

120 7.6 5.4 8.0

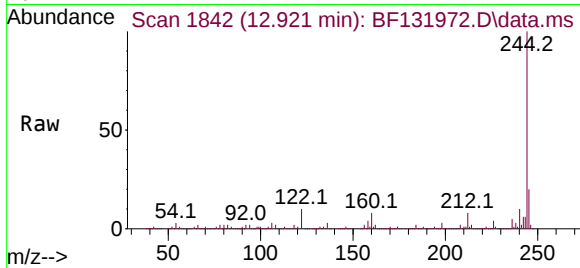
236 26.1 21.1 31.7



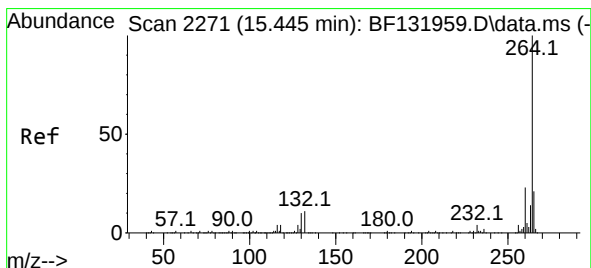
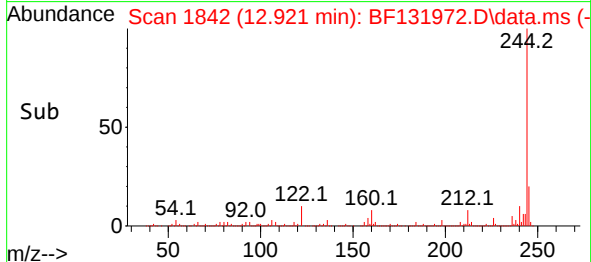
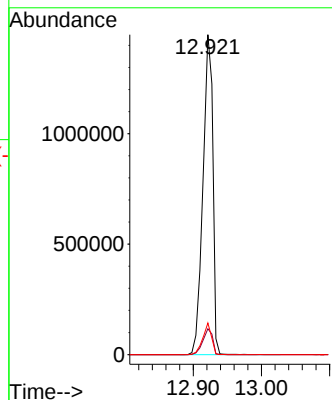


#79
 Terphenyl-d14
 Concen: 118.386 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF131972.D
 Acq: 09 Jan 2023 20:01

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1460272
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.9 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF131972.D
 Acq: 09 Jan 2023 20:01

Tgt Ion:264 Resp: 152929
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.3 27.5
 265 20.5 16.9 25.3

