

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131968.D
 Acq On : 09 Jan 2023 17:52
 Operator : CG\JU
 Sample : 01043-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-203

Quant Time: Jan 10 03:12:20 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	6.786	152	78702	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	288729	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	172862	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	332850	20.000	ng	0.00
76) Chrysene-d12	13.974	240	175984	20.000	ng	-0.01
86) Perylene-d12	15.439	264	143131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	612866	128.316	ng	0.01
7) Phenol-d6	6.428	99	785896	124.101	ng	0.00
23) Nitrobenzene-d5	7.357	82	567802	81.619	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	249738	125.652	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	985194	76.938	ng	0.00
79) Terphenyl-d14	12.921	244	1113441	90.682	ng	0.00

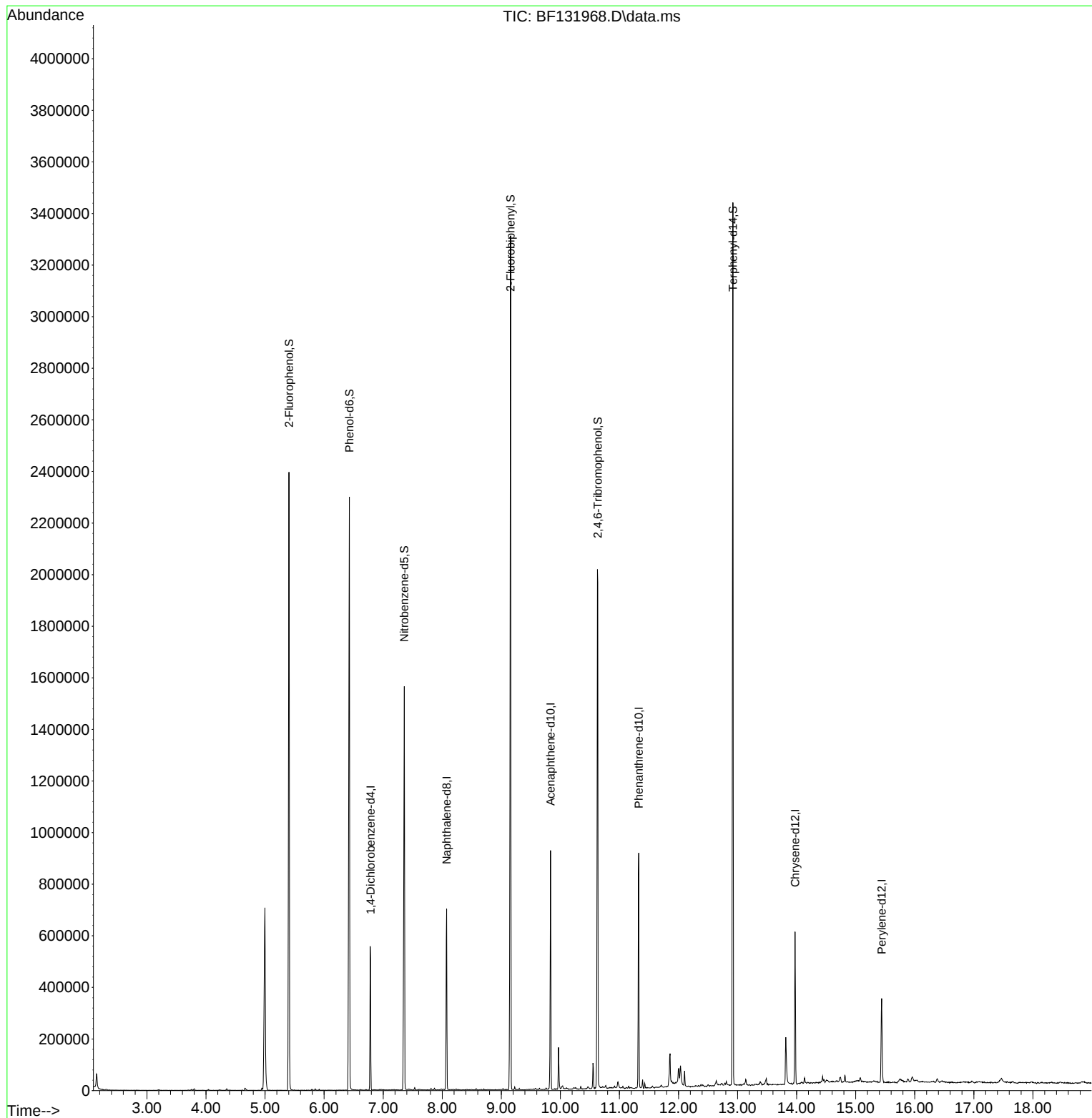
Target Compounds	Qvalue

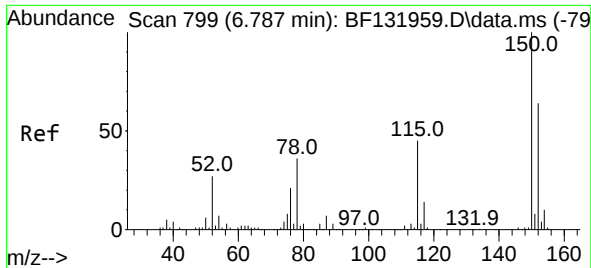
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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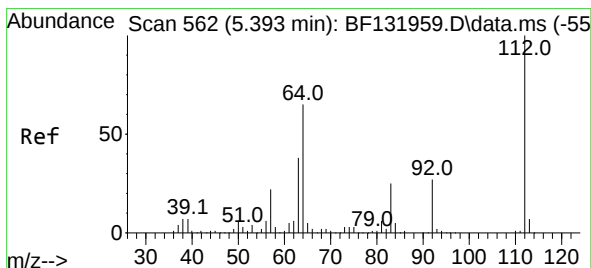
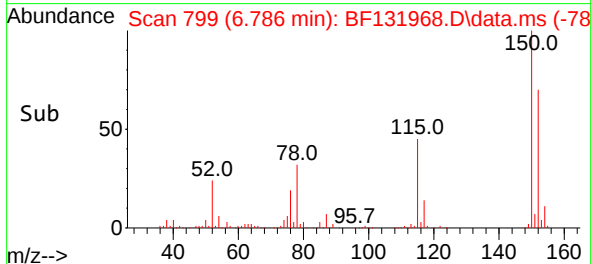
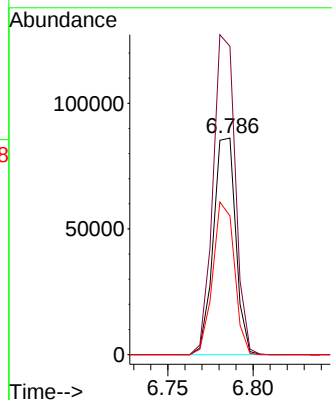
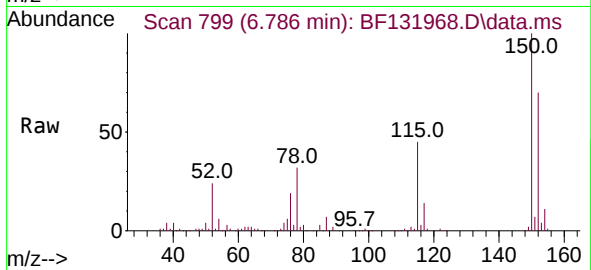




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 799
 Delta R.T. -0.001 min
 Lab File: BF131968.D
 Acq: 09 Jan 2023 17:52

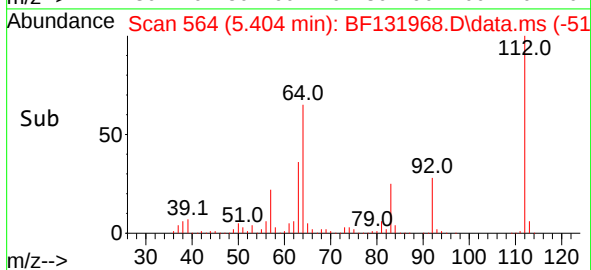
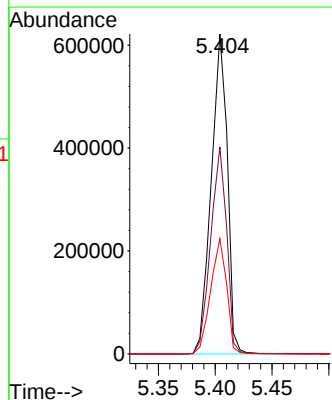
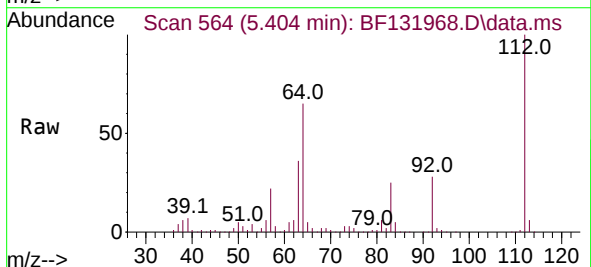
Instrument :
 BNA_F
 ClientSampleId :
 TP-203

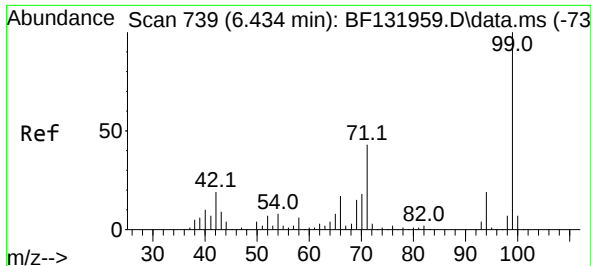
Tgt Ion:152 Resp: 78702
 Ion Ratio Lower Upper
 152 100
 150 142.3 124.6 186.8
 115 64.0 55.6 83.4



#5
 2-Fluorophenol
 Concen: 128.316 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.011 min
 Lab File: BF131968.D
 Acq: 09 Jan 2023 17:52

Tgt Ion:112 Resp: 612866
 Ion Ratio Lower Upper
 112 100
 64 64.7 51.9 77.9
 63 36.0 30.2 45.2

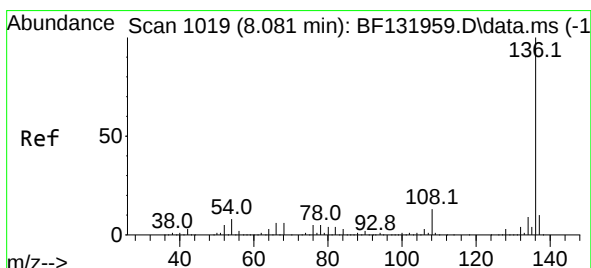
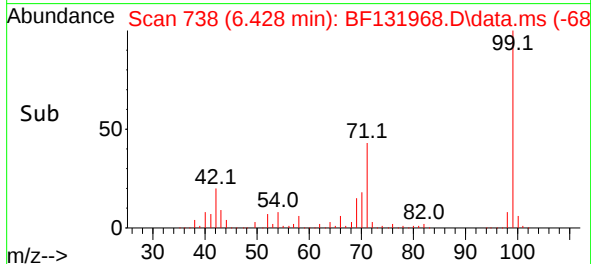
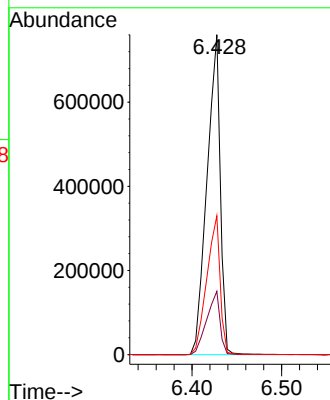
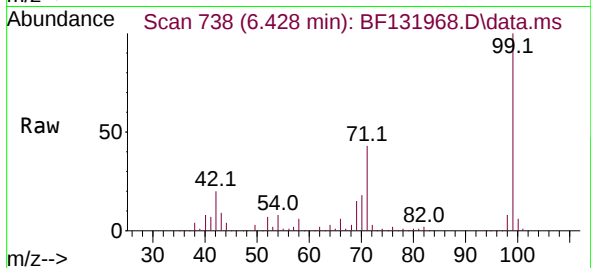




#7
Phenol-d6
Concen: 124.101 ng
RT: 6.428 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF131968.D
Acq: 09 Jan 2023 17:52

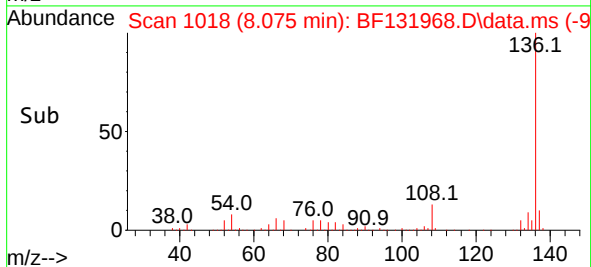
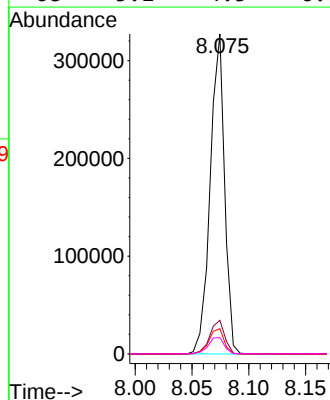
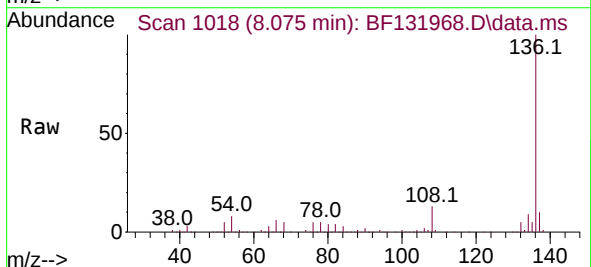
Instrument :
BNA_F
ClientSampleId :
TP-203

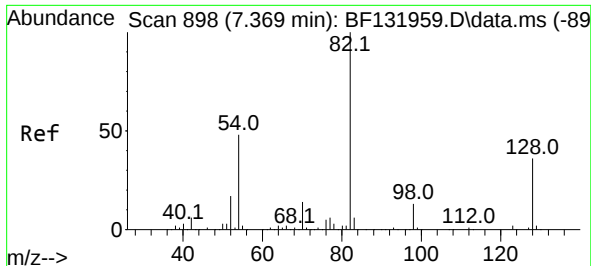
Tgt Ion: 99 Resp: 785896
Ion Ratio Lower Upper
99 100
42 19.8 15.4 23.2
71 43.4 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF131968.D
Acq: 09 Jan 2023 17:52

Tgt Ion: 136 Resp: 288729
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.2
54 7.9 6.6 9.8
68 5.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 81.619 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF131968.D

Acq: 09 Jan 2023 17:52

Instrument :

BNA_F

ClientSampleId :

TP-203

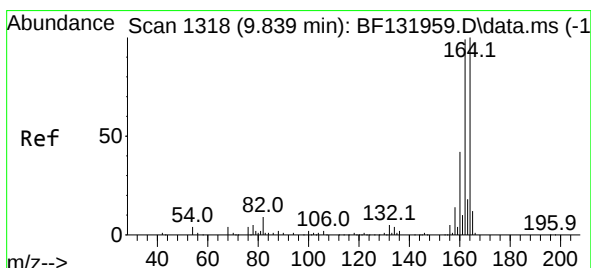
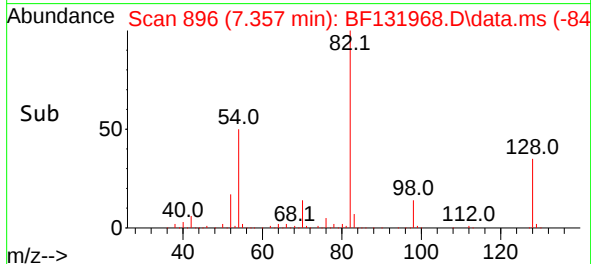
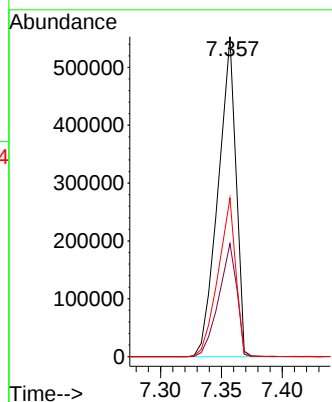
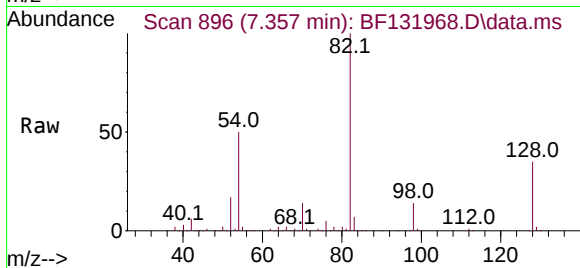
Tgt Ion: 82 Resp: 567802

Ion Ratio Lower Upper

82 100

128 35.3 28.7 43.1

54 49.6 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: BF131968.D

Acq: 09 Jan 2023 17:52

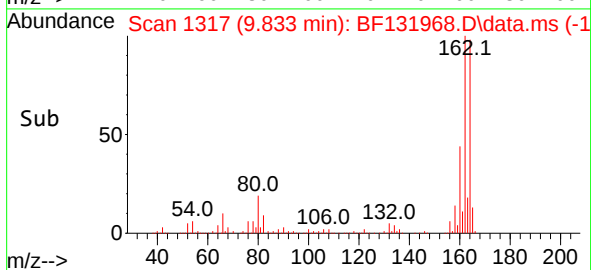
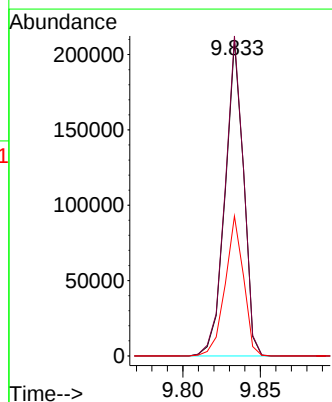
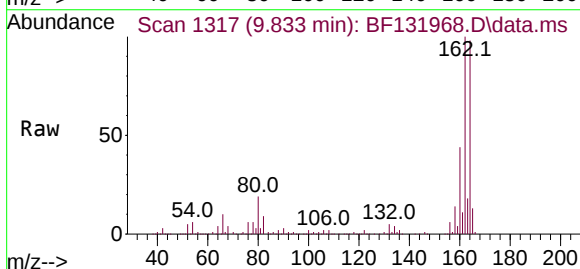
Tgt Ion:164 Resp: 172862

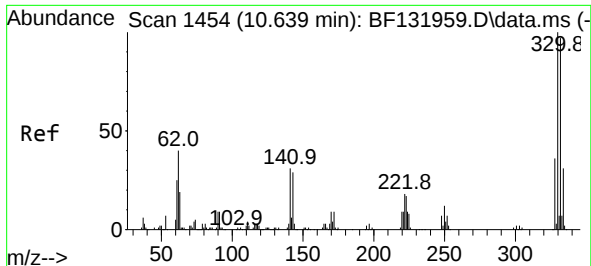
Ion Ratio Lower Upper

164 100

162 101.6 79.4 119.0

160 44.4 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 125.652 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF131968.D

Acq: 09 Jan 2023 17:52

Instrument :

BNA_F

ClientSampleId :

TP-203

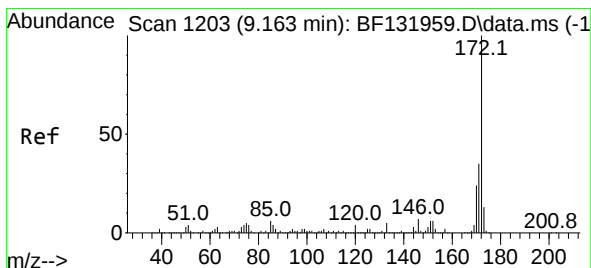
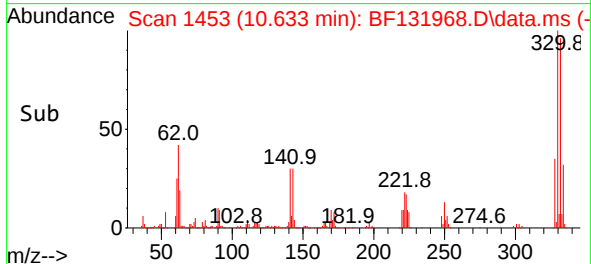
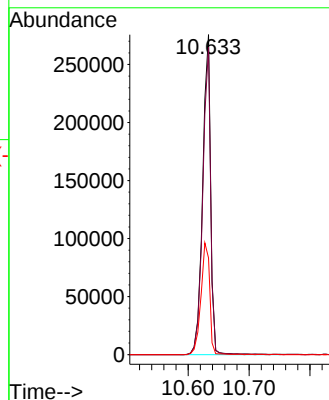
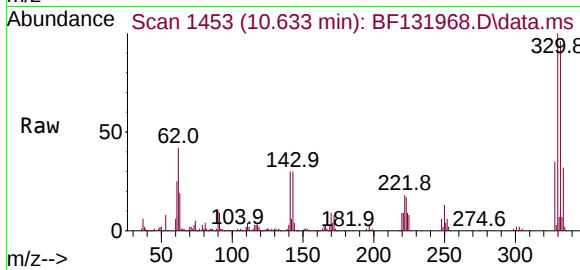
Tgt Ion:330 Resp: 249738

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

141 38.4 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 76.938 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF131968.D

Acq: 09 Jan 2023 17:52

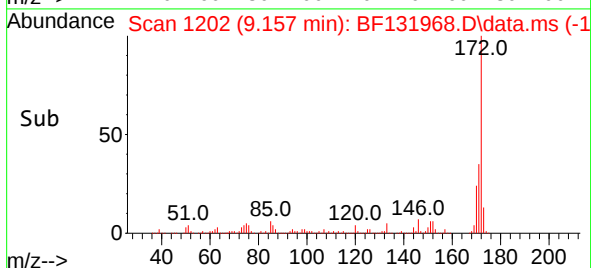
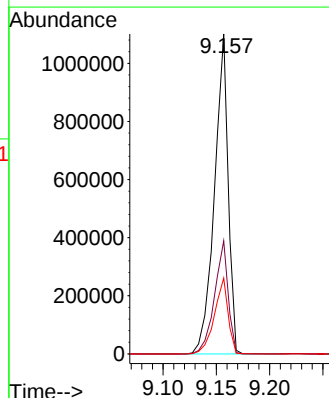
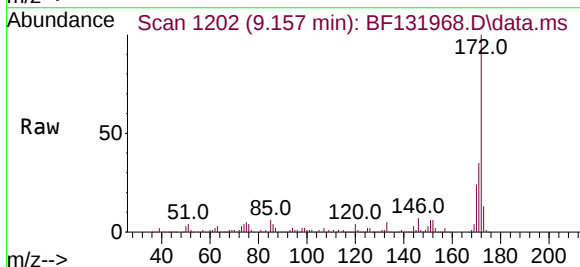
Tgt Ion:172 Resp: 985194

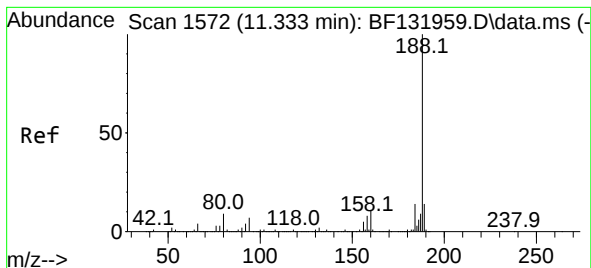
Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

170 23.7 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: BF131968.D

Acq: 09 Jan 2023 17:52

Instrument :

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ClientSampleId :

TP-203

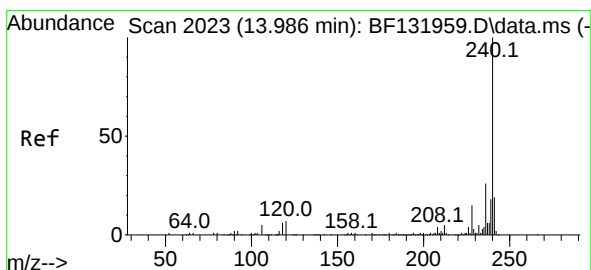
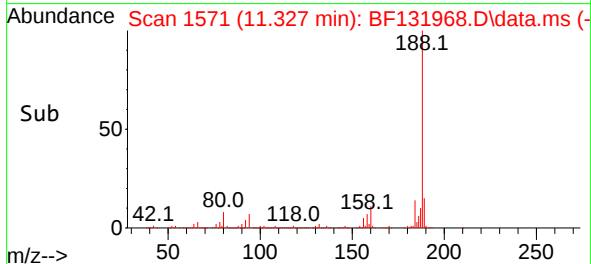
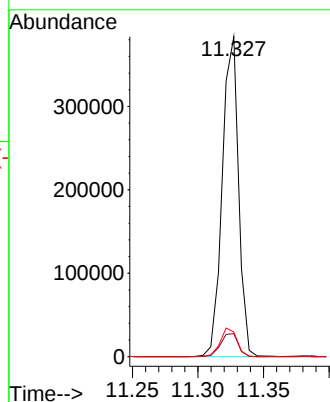
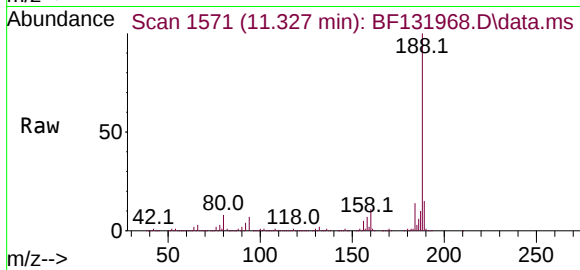
Tgt Ion:188 Resp: 332850

Ion Ratio Lower Upper

188 100

94 7.2 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: BF131968.D

Acq: 09 Jan 2023 17:52

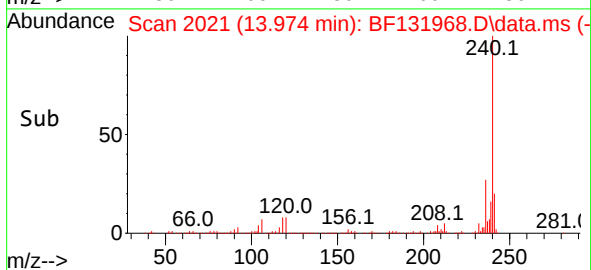
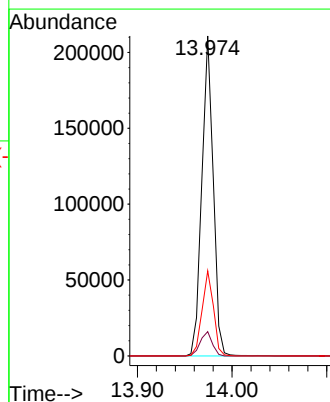
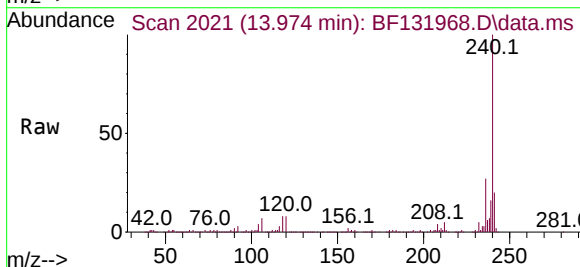
Tgt Ion:240 Resp: 175984

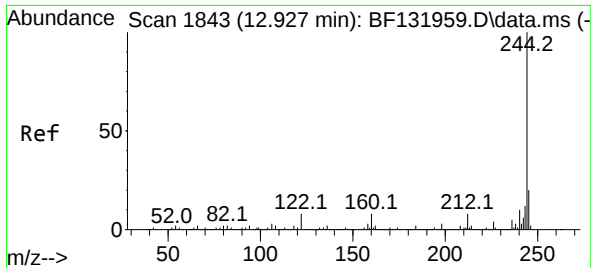
Ion Ratio Lower Upper

240 100

120 7.6 5.4 8.0

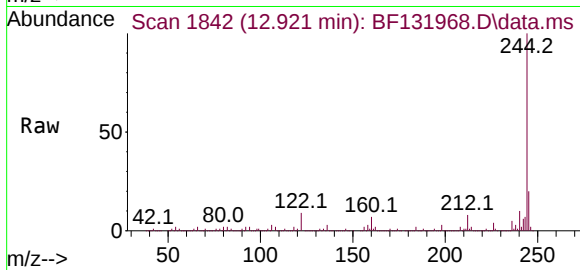
236 26.6 21.1 31.7



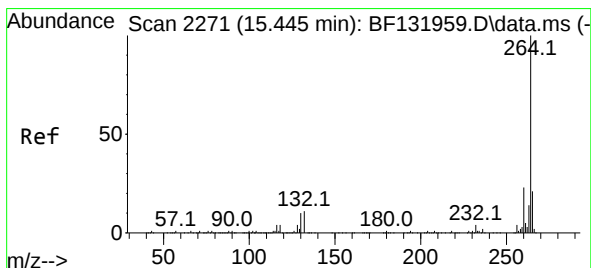
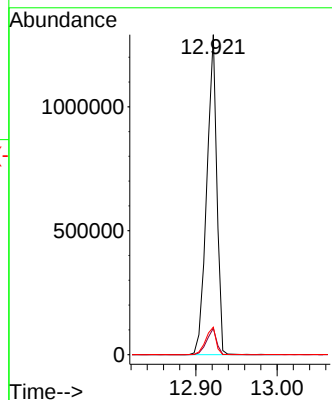
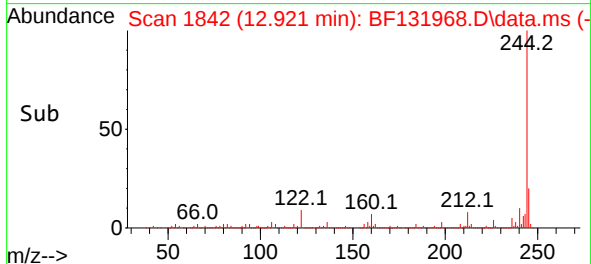


#79
 Terphenyl-d14
 Concen: 90.682 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF131968.D
 Acq: 09 Jan 2023 17:52

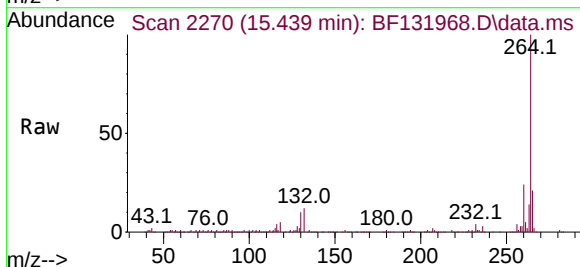
Instrument :
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Tgt Ion:244 Resp: 1113441
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 8.6 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF131968.D
 Acq: 09 Jan 2023 17:52



Tgt Ion:264 Resp: 143131
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.3 27.5
 265 21.5 16.9 25.3

