

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132020.D
 Acq On : 11 Jan 2023 12:00
 Operator : CG\JU
 Sample : 01079-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-EFFLUENTRE

Quant Time: Jan 11 14:25:41 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	6.775	152	71025	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	261660	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	158951	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	307499	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	159654	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	135333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	153627	35.641	ng	0.00
7) Phenol-d6	6.422	99	120863	21.148	ng	-0.01
23) Nitrobenzene-d5	7.351	82	523257	82.997	ng	-0.02
42) 2,4,6-Tribromophenol	10.627	330	154641	84.615	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	905610	76.913	ng	-0.01
79) Terphenyl-d14	12.921	244	1136399	102.019	ng	0.00

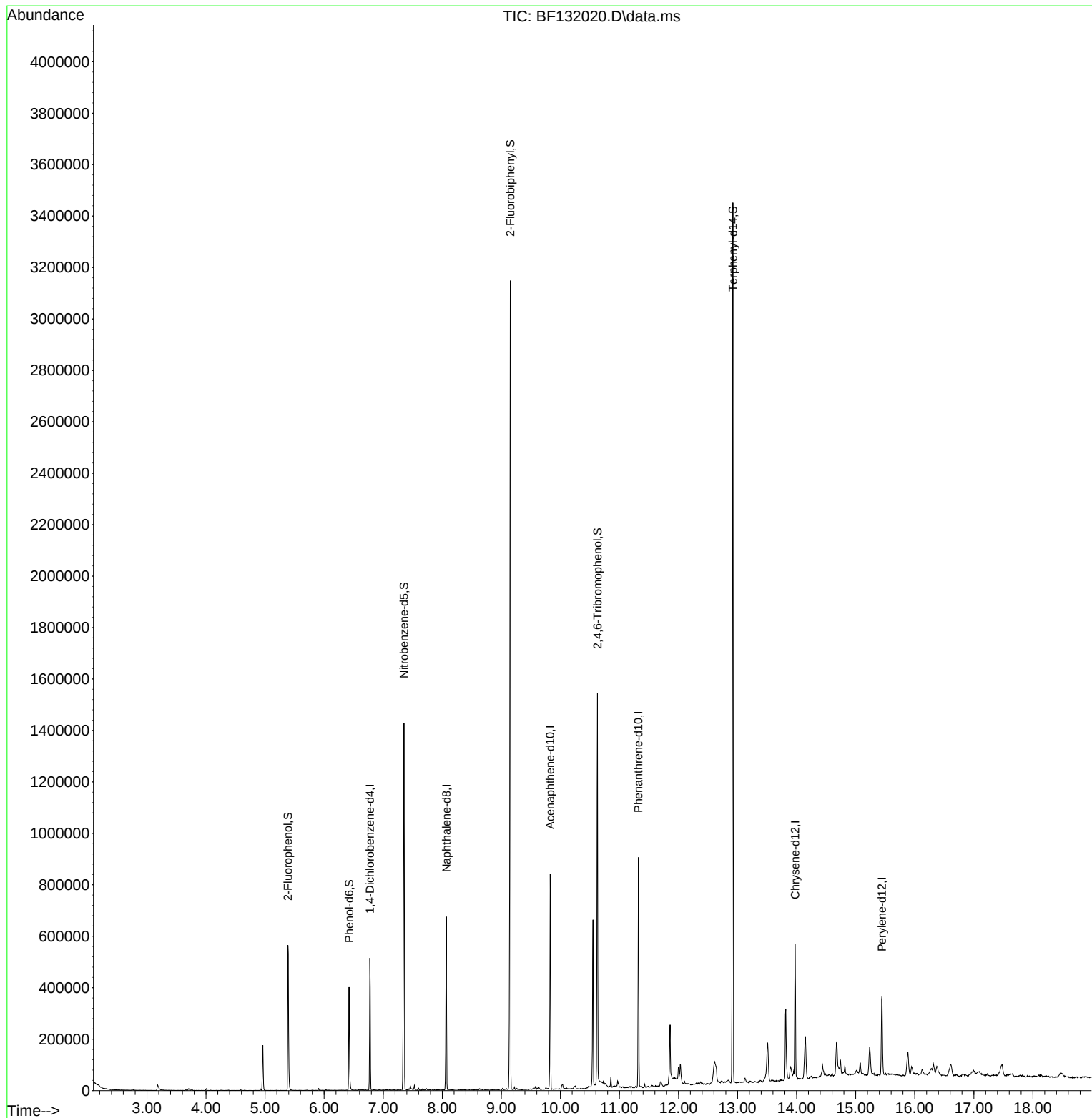
Target Compounds	Qvalue

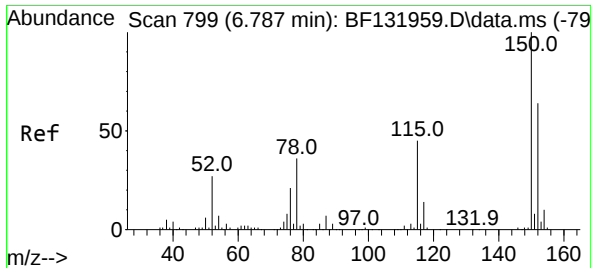
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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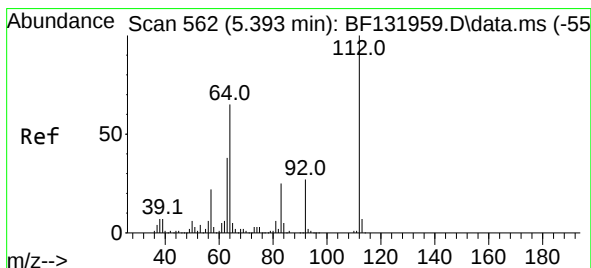
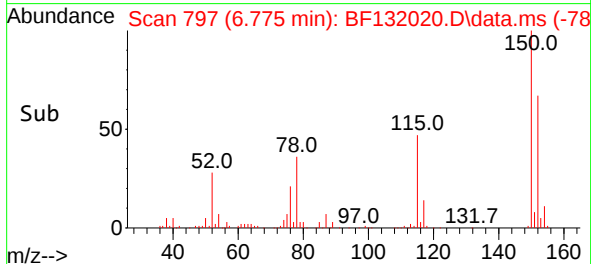
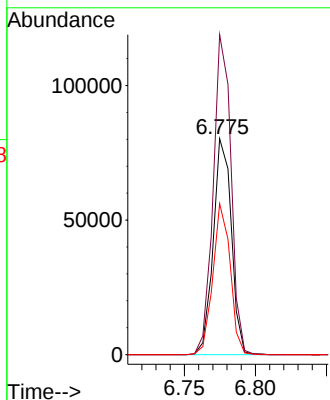
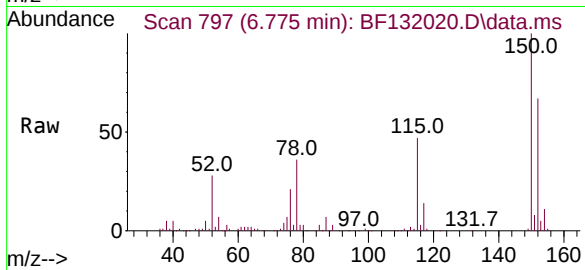




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 799
 Delta R.T. -0.012 min
 Lab File: BF132020.D
 Acq: 11 Jan 2023 12:00

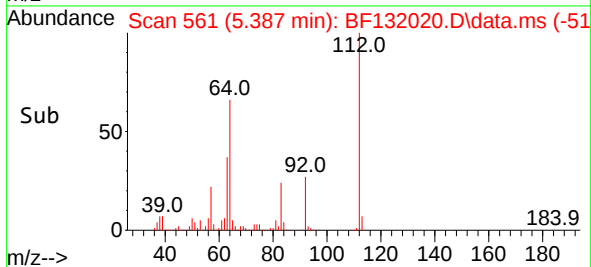
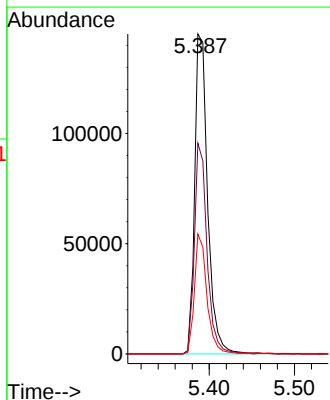
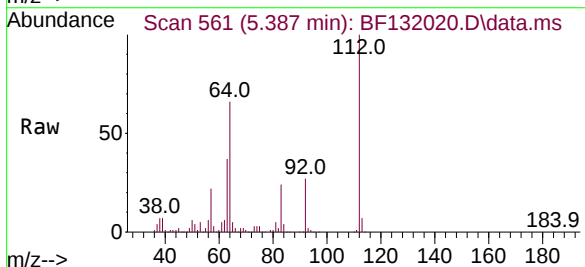
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-EFFLUENTRE

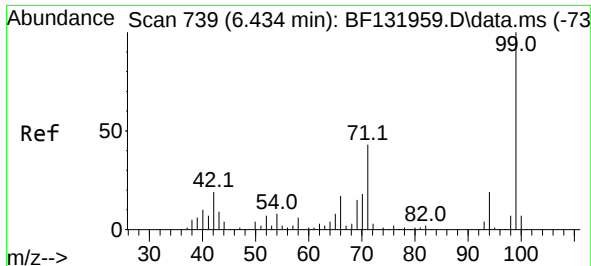
Tgt Ion:152 Resp: 71025
 Ion Ratio Lower Upper
 152 100
 150 148.2 124.6 186.8
 115 69.9 55.6 83.4



#5
 2-Fluorophenol
 Concen: 35.641 ng
 RT: 5.387 min Scan# 561
 Delta R.T. -0.006 min
 Lab File: BF132020.D
 Acq: 11 Jan 2023 12:00

Tgt Ion:112 Resp: 153627
 Ion Ratio Lower Upper
 112 100
 64 65.8 51.9 77.9
 63 37.4 30.2 45.2

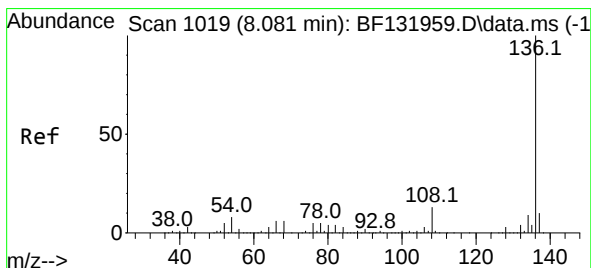
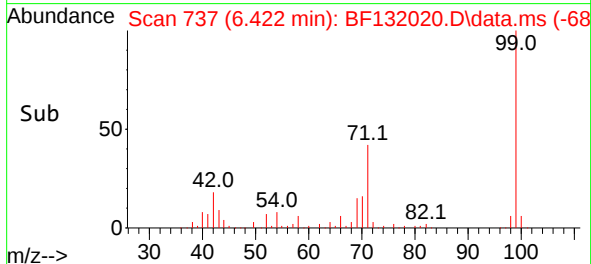
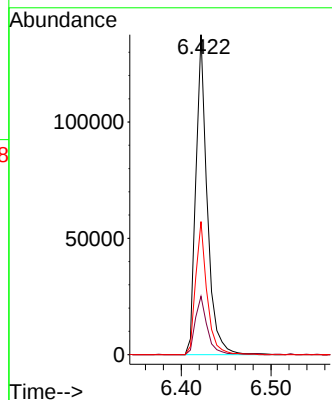
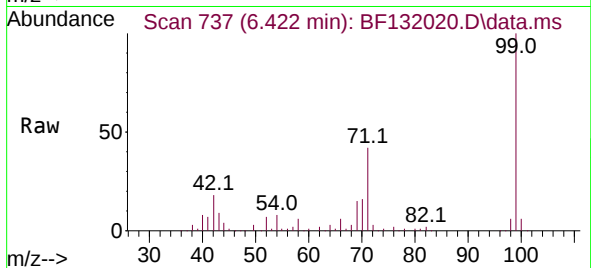




#7
Phenol-d6
Concen: 21.148 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

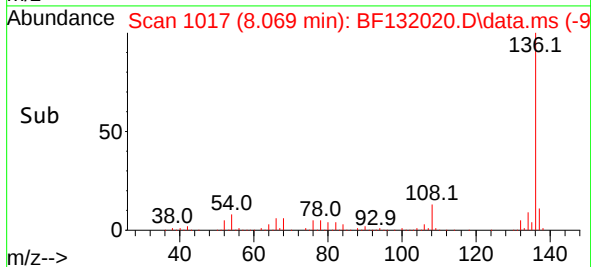
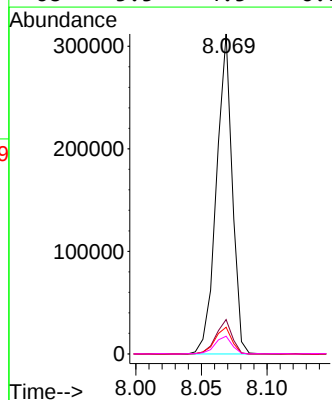
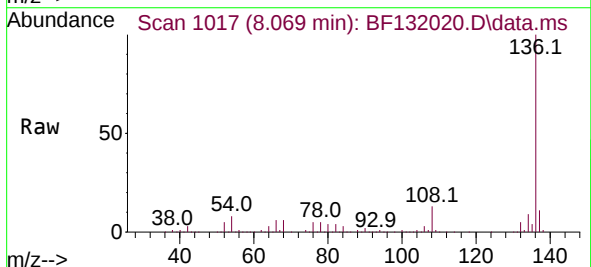
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-EFFLUENTRE

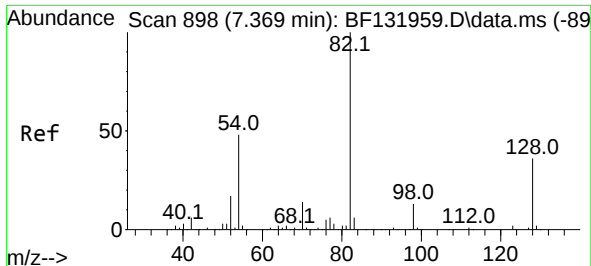
Tgt Ion: 99 Resp: 120863
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.2
71 41.6 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF132020.D
Acq: 11 Jan 2023 12:00

Tgt Ion: 136 Resp: 261660
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 8.3 6.6 9.8
68 5.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 82.997 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF132020.D

Acq: 11 Jan 2023 12:00

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-EFFLUENTRE

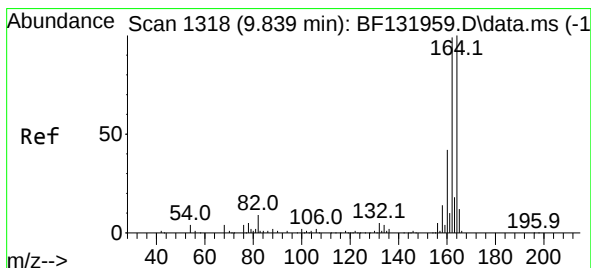
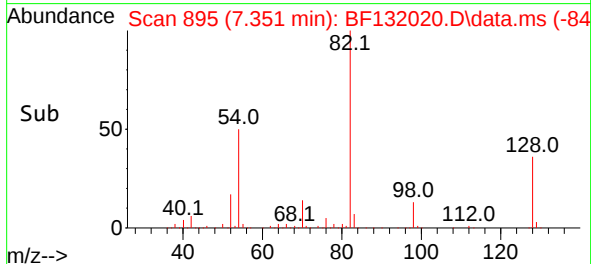
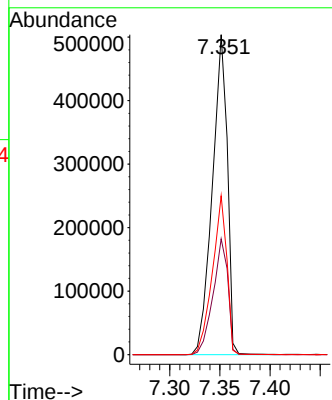
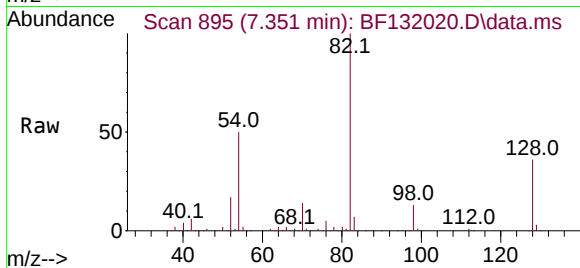
Tgt Ion: 82 Resp: 523257

Ion Ratio Lower Upper

82 100

128 36.2 28.7 43.1

54 49.6 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF132020.D

Acq: 11 Jan 2023 12:00

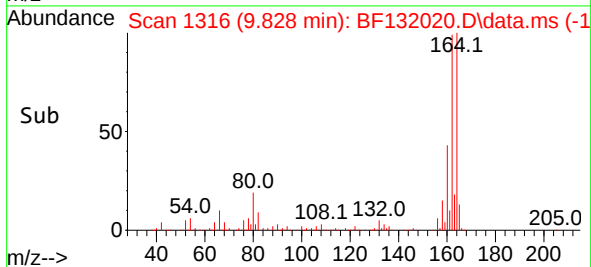
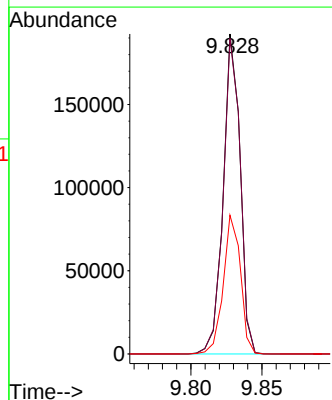
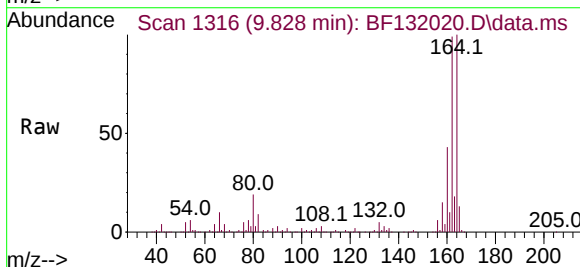
Tgt Ion:164 Resp: 158951

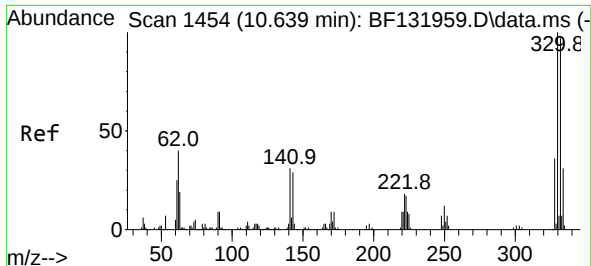
Ion Ratio Lower Upper

164 100

162 98.6 79.4 119.0

160 43.3 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 84.615 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF132020.D

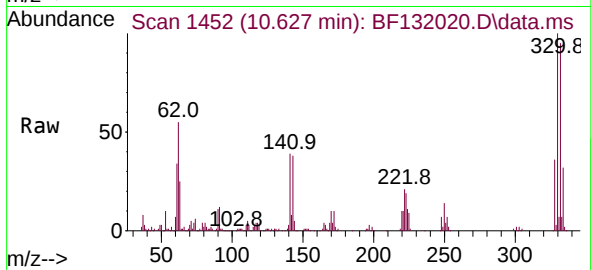
Acq: 11 Jan 2023 12:00

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-EFFLUENTRE



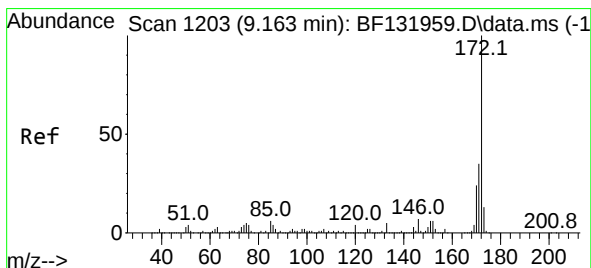
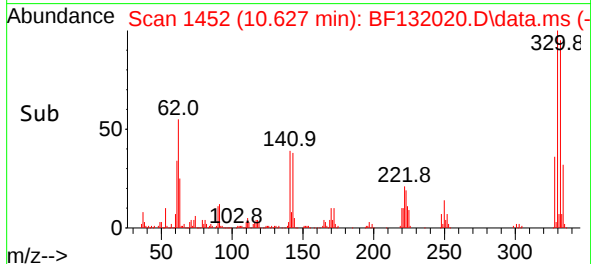
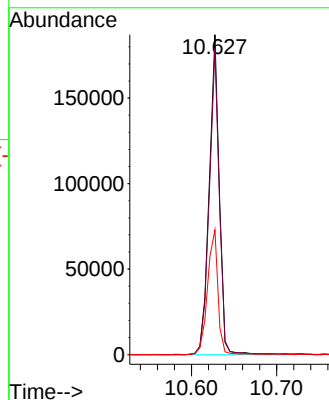
Tgt Ion:330 Resp: 154641

Ion Ratio Lower Upper

330 100

332 94.5 76.9 115.3

141 40.3 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 76.913 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF132020.D

Acq: 11 Jan 2023 12:00

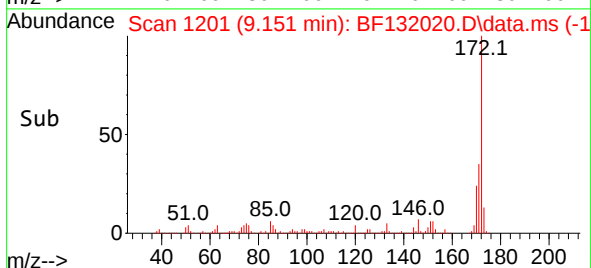
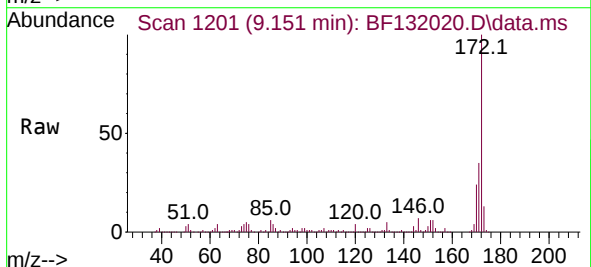
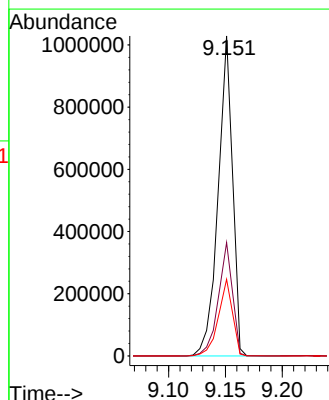
Tgt Ion:172 Resp: 905610

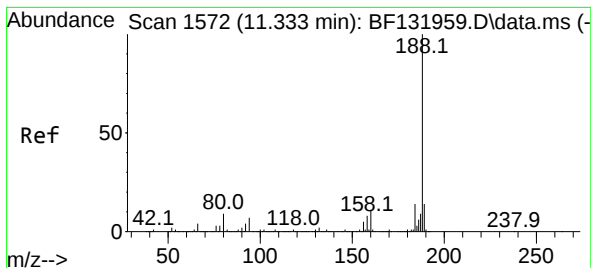
Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 23.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF132020.D

Acq: 11 Jan 2023 12:00

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-EFFLUENTRE

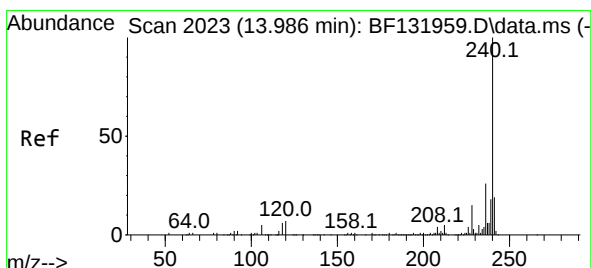
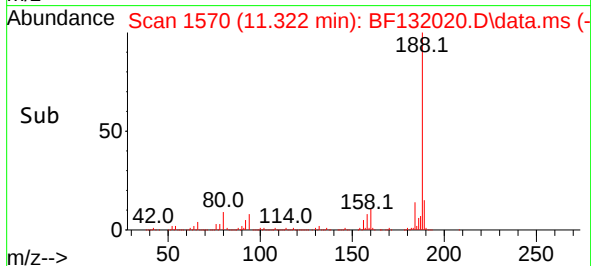
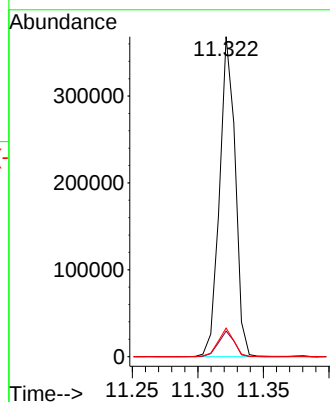
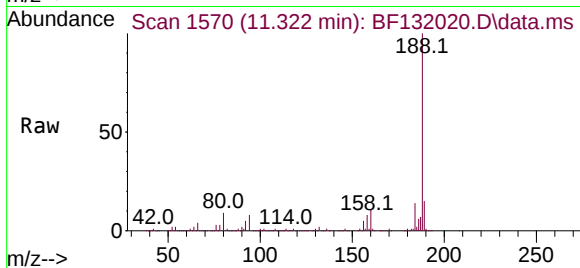
Tgt Ion:188 Resp: 307499

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

80 8.9 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: BF132020.D

Acq: 11 Jan 2023 12:00

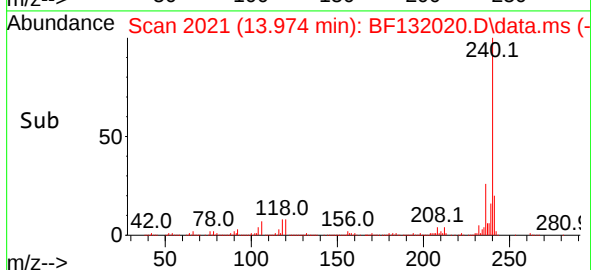
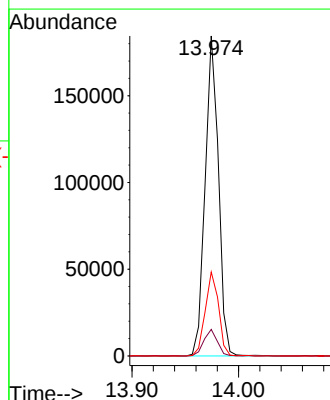
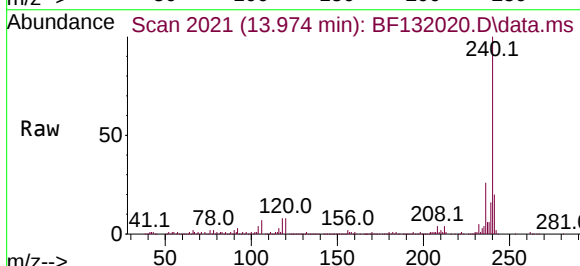
Tgt Ion:240 Resp: 159654

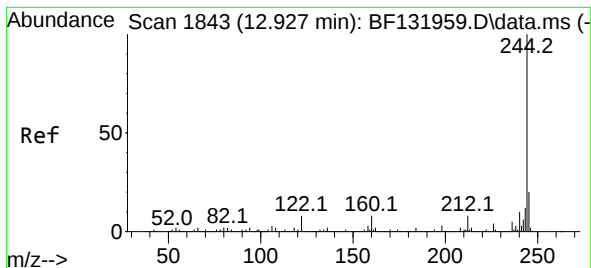
Ion Ratio Lower Upper

240 100

120 8.3 5.4 8.0#

236 26.2 21.1 31.7





#79

Terphenyl-d14

Concen: 102.019 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF132020.D

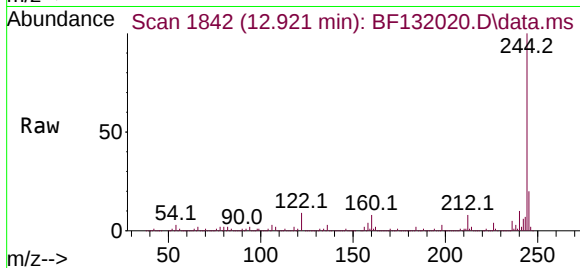
Acq: 11 Jan 2023 12:00

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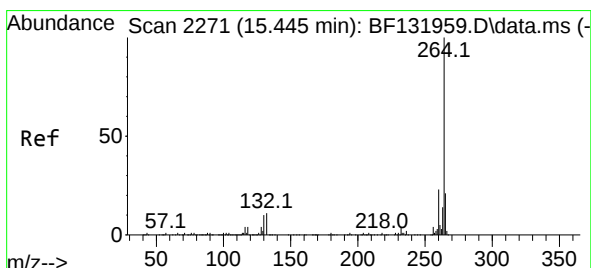
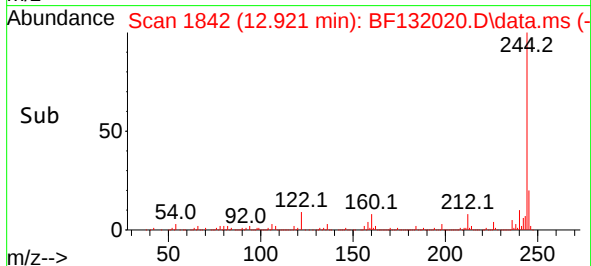
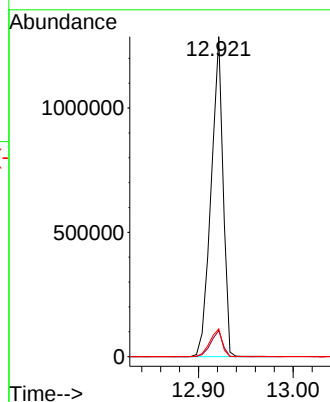
Tgt Ion:244 Resp: 1136399

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

122 8.7 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.000 min

Lab File: BF132020.D

Acq: 11 Jan 2023 12:00

Tgt Ion:264 Resp: 135333

Ion Ratio Lower Upper

264 100

260 24.0 18.3 27.5

265 20.6 16.9 25.3

