

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132033.D
 Acq On : 11 Jan 2023 20:36
 Operator : CG\JU
 Sample : 01090-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-3-010923

Quant Time: Jan 12 00:38:20 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	6.781	152	73974	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	235711	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	110633	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	175290	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	123402	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	92825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	392631	87.459	ng	0.00
7) Phenol-d6	6.422	99	495092	83.177	ng	-0.01
23) Nitrobenzene-d5	7.351	82	346388	60.991	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	87247	68.588	ng	-0.02
45) 2-Fluorobiphenyl	9.151	172	527223	64.333	ng	-0.01
79) Terphenyl-d14	12.927	244	444984	51.683	ng	0.00

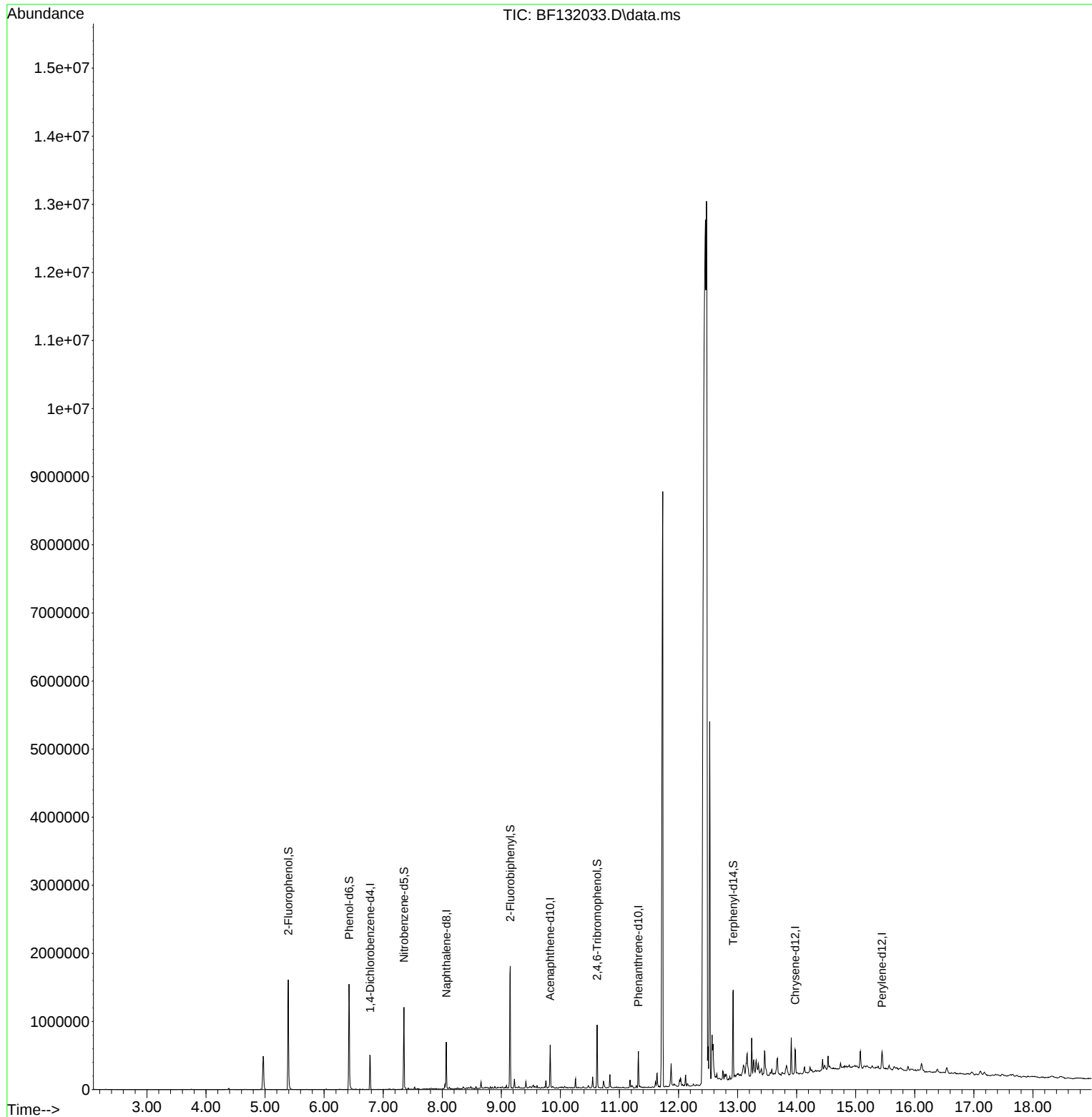
Target Compounds	Qvalue
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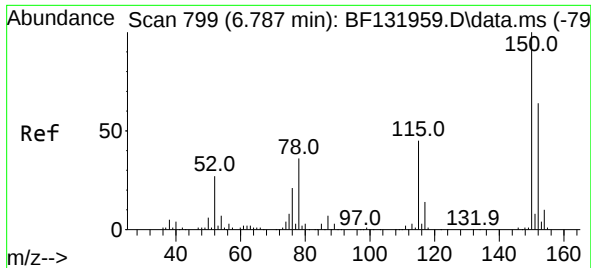
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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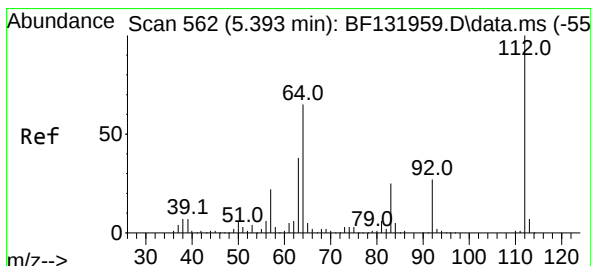
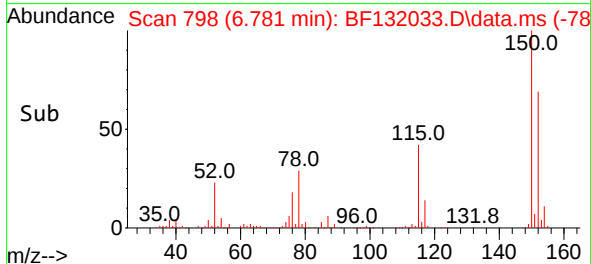
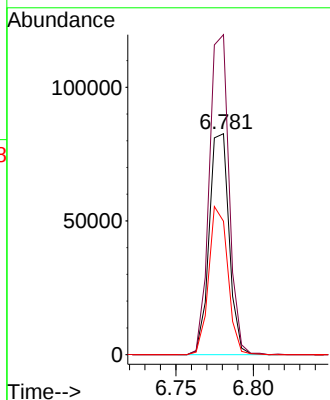
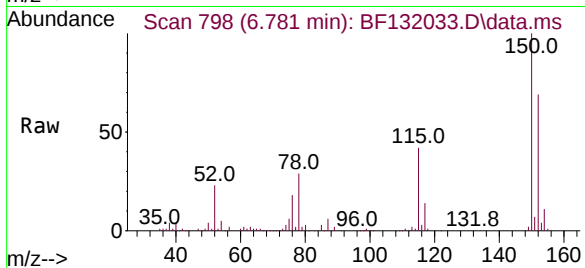




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

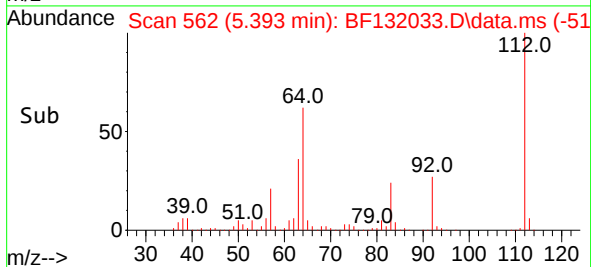
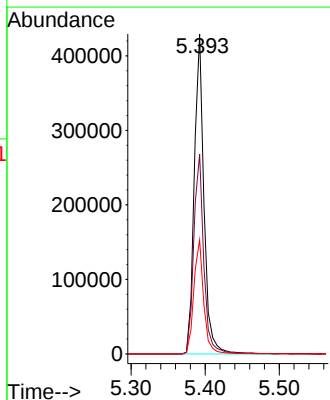
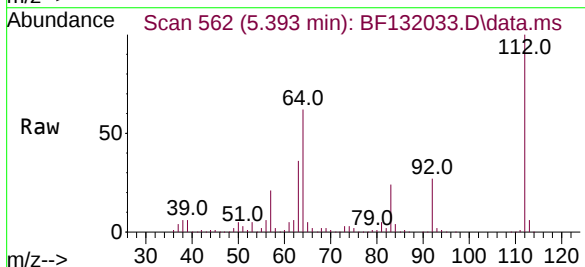
Instrument :
BNA_F
ClientSampleId :
SU-3-010923

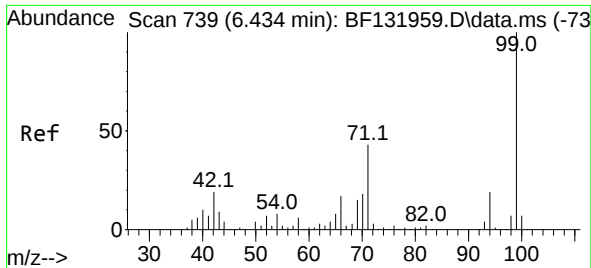
Tgt Ion:152 Resp: 73974
Ion Ratio Lower Upper
152 100
150 144.9 124.6 186.8
115 60.4 55.6 83.4



#5
2-Fluorophenol
Concen: 87.459 ng
RT: 5.393 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

Tgt Ion:112 Resp: 392631
Ion Ratio Lower Upper
112 100
64 62.4 51.9 77.9
63 35.6 30.2 45.2

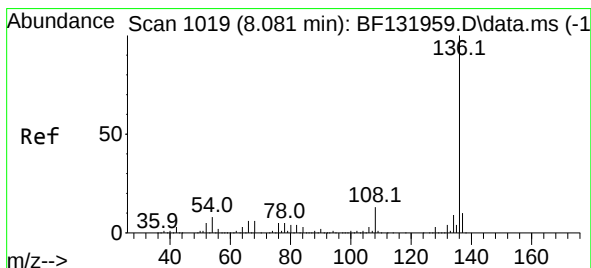
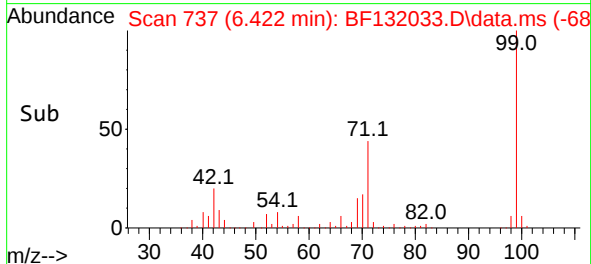
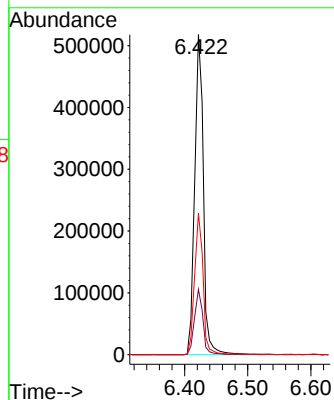
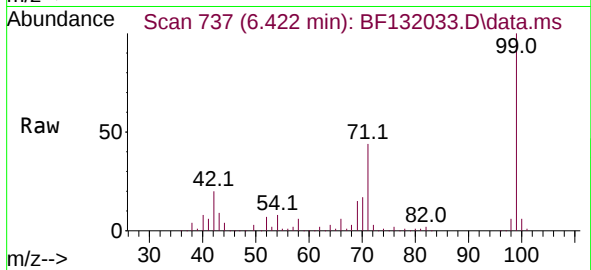




#7
Phenol-d6
Concen: 83.177 ng
RT: 6.422 min Scan# 73
Delta R.T. -0.012 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

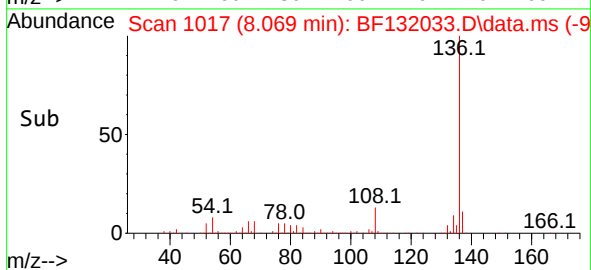
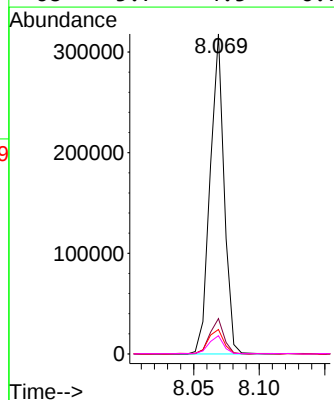
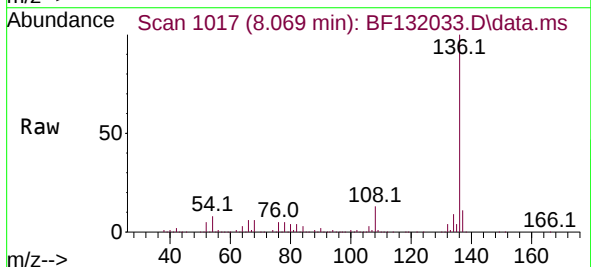
Instrument :
BNA_F
ClientSampleId :
SU-3-010923

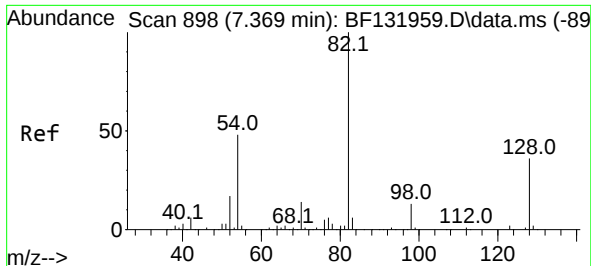
Tgt Ion: 99 Resp: 495092
Ion Ratio Lower Upper
99 100
42 20.4 15.4 23.2
71 44.2 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF132033.D
Acq: 11 Jan 2023 20:36

Tgt Ion: 136 Resp: 235711
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 7.7 6.6 9.8
68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 60.991 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF132033.D

Acq: 11 Jan 2023 20:36

Instrument :

BNA_F

ClientSampleId :

SU-3-010923

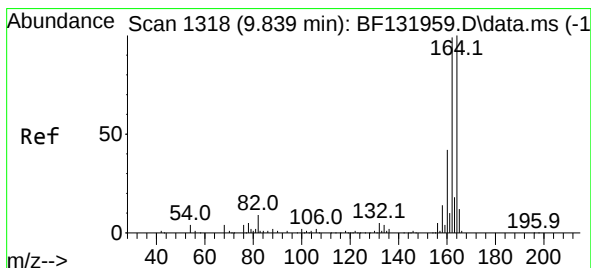
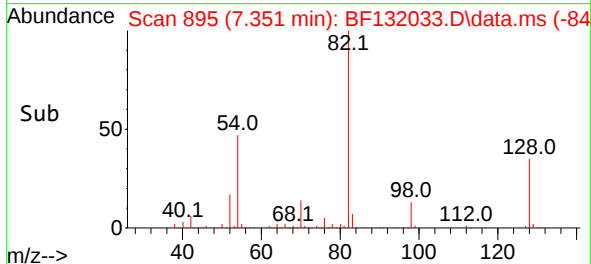
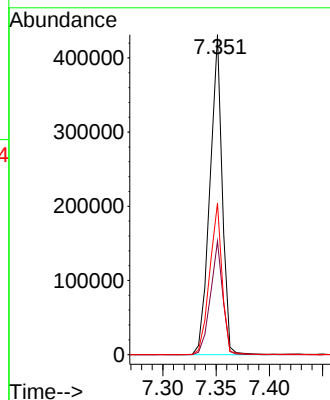
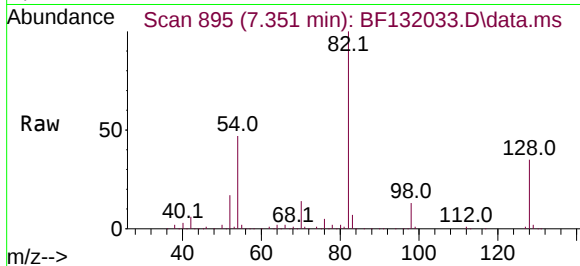
Tgt Ion: 82 Resp: 346388

Ion Ratio Lower Upper

82 100

128 35.4 28.7 43.1

54 47.4 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: BF132033.D

Acq: 11 Jan 2023 20:36

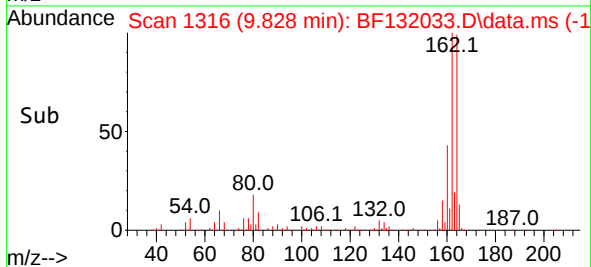
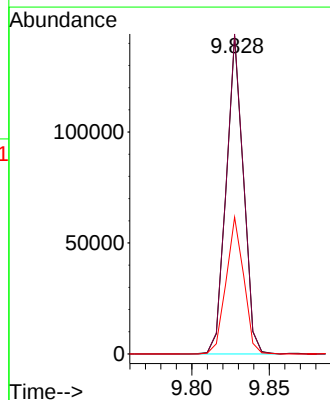
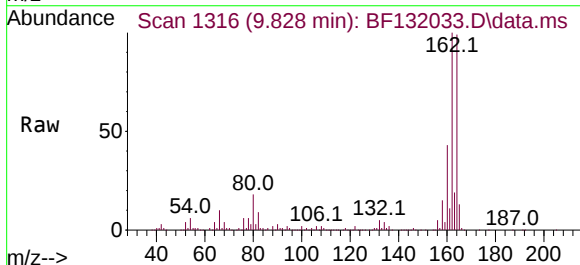
Tgt Ion:164 Resp: 110633

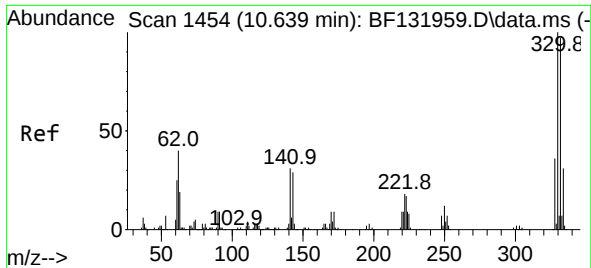
Ion Ratio Lower Upper

164 100

162 100.7 79.4 119.0

160 43.0 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 68.588 ng

RT: 10.622 min Scan# 1454

Delta R.T. -0.018 min

Lab File: BF132033.D

Acq: 11 Jan 2023 20:36

Instrument :

BNA_F

ClientSampleId :

SU-3-010923

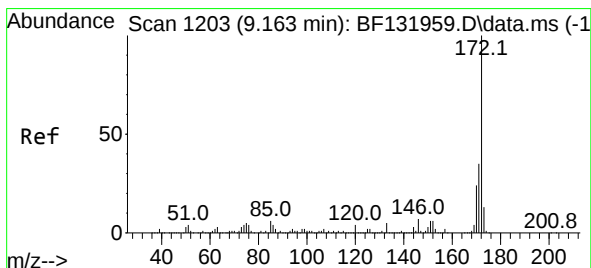
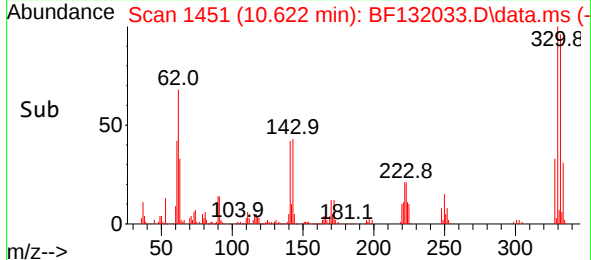
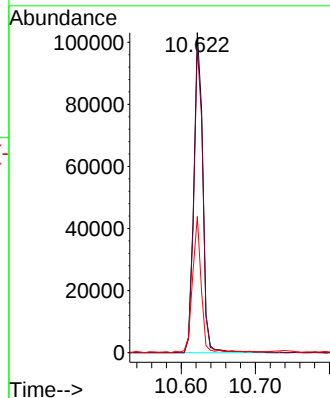
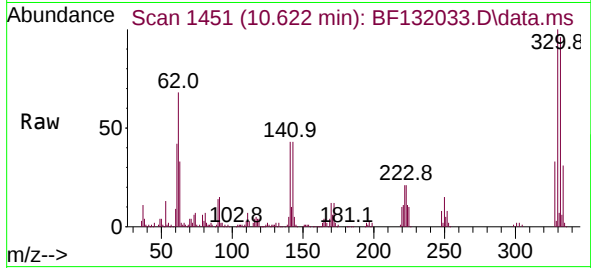
Tgt Ion:330 Resp: 87247

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

141 39.9 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 64.333 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF132033.D

Acq: 11 Jan 2023 20:36

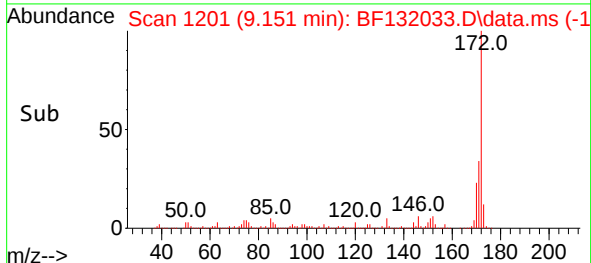
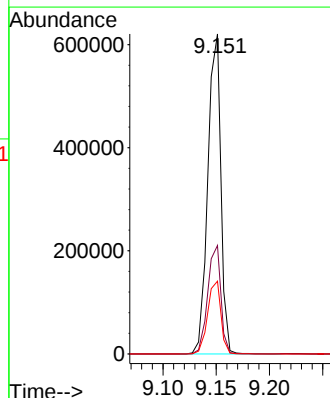
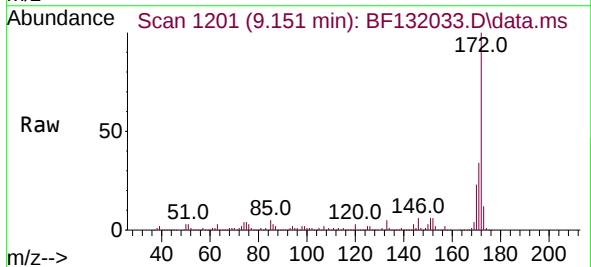
Tgt Ion:172 Resp: 527223

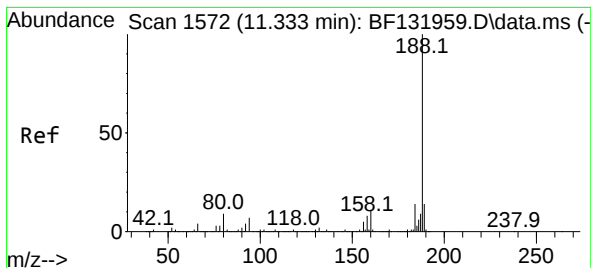
Ion Ratio Lower Upper

172 100

171 33.9 28.0 42.0

170 22.7 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: BF132033.D

Acq: 11 Jan 2023 20:36

Instrument :

BNA_F

ClientSampleId :

SU-3-010923

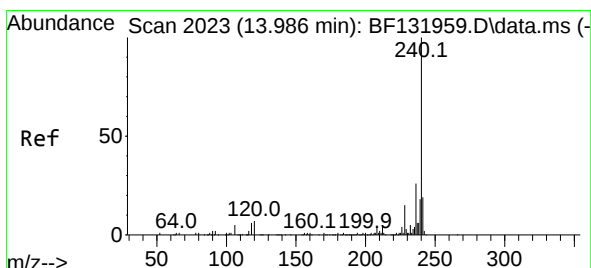
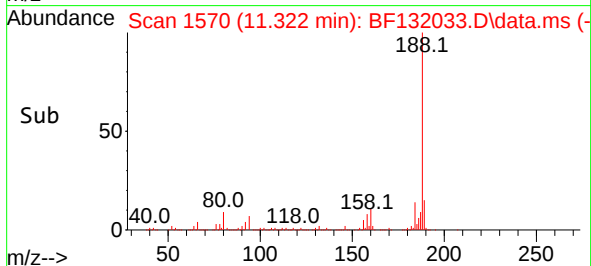
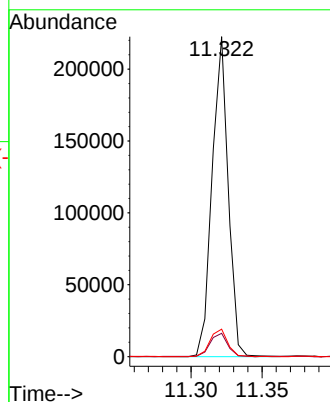
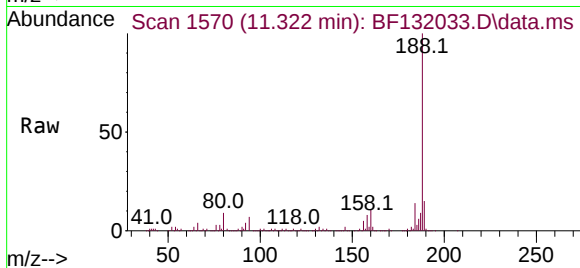
Tgt Ion:188 Resp: 175290

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 8.6 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: BF132033.D

Acq: 11 Jan 2023 20:36

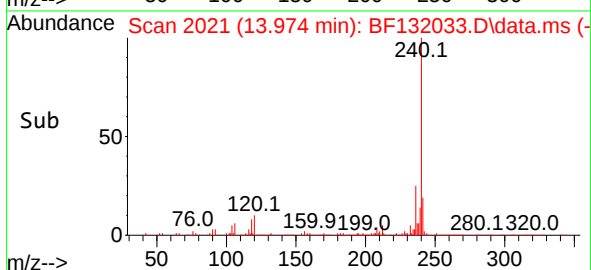
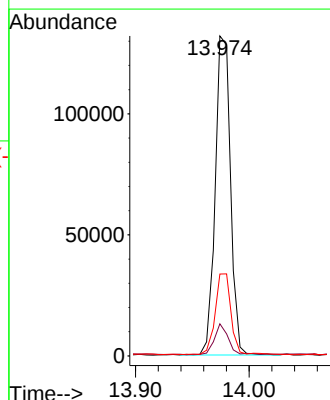
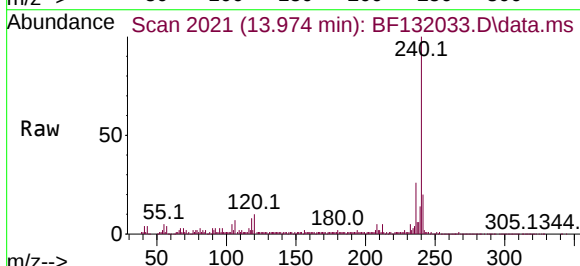
Tgt Ion:240 Resp: 123402

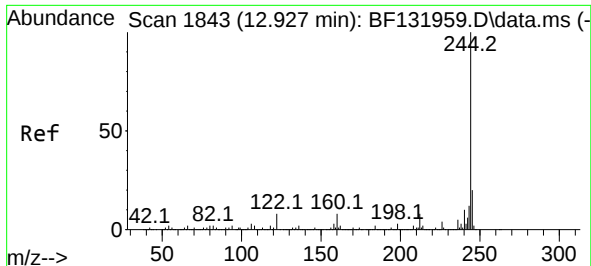
Ion Ratio Lower Upper

240 100

120 10.0 5.4 8.0#

236 25.6 21.1 31.7

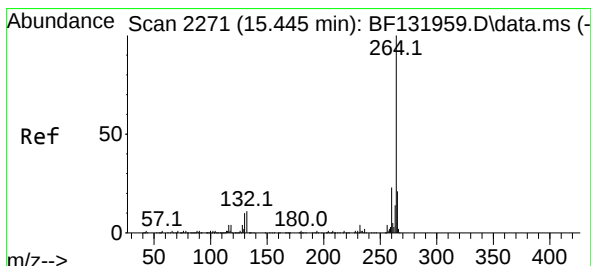
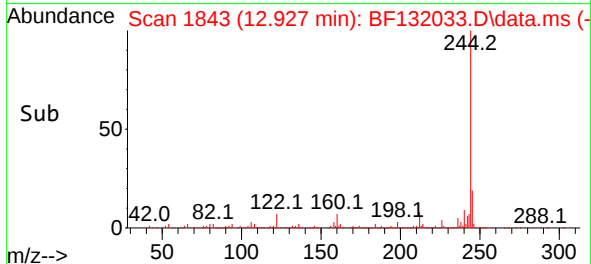
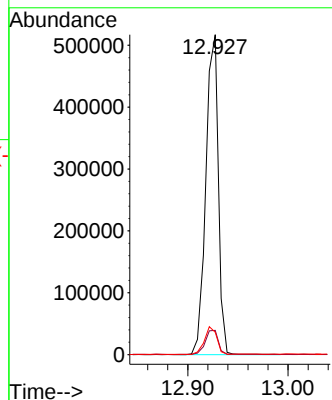
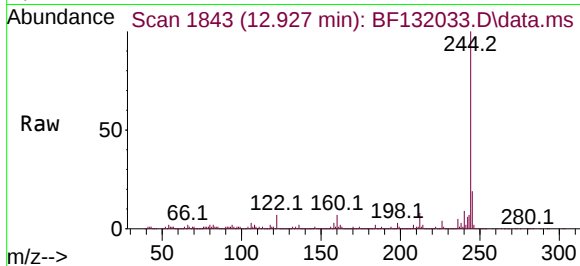




#79
 Terphenyl-d14
 Concen: 51.683 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF132033.D
 Acq: 11 Jan 2023 20:36

Instrument :
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 ClientSampleId :
 SU-3-010923

Tgt Ion:244 Resp: 444984
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 7.0 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: BF132033.D
 Acq: 11 Jan 2023 20:36

Tgt Ion:264 Resp: 92825
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.3 27.5
 265 20.6 16.9 25.3

