

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132023.D
 Acq On : 11 Jan 2023 14:29
 Operator : CG\JU
 Sample : PB150096BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150096BL

Quant Time: Jan 12 00:33:14 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	100845	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	390827	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	249907	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	502265	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	356200	20.000	ng	#-0.01
86) Perylene-d12	15.439	264	232458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	829237	135.495	ng	0.02
7) Phenol-d6	6.428	99	1073163	132.253	ng	0.00
23) Nitrobenzene-d5	7.357	82	764012	81.133	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	371413	129.260	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1448988	78.272	ng	-0.01
79) Terphenyl-d14	12.927	244	1962470	78.966	ng	0.00

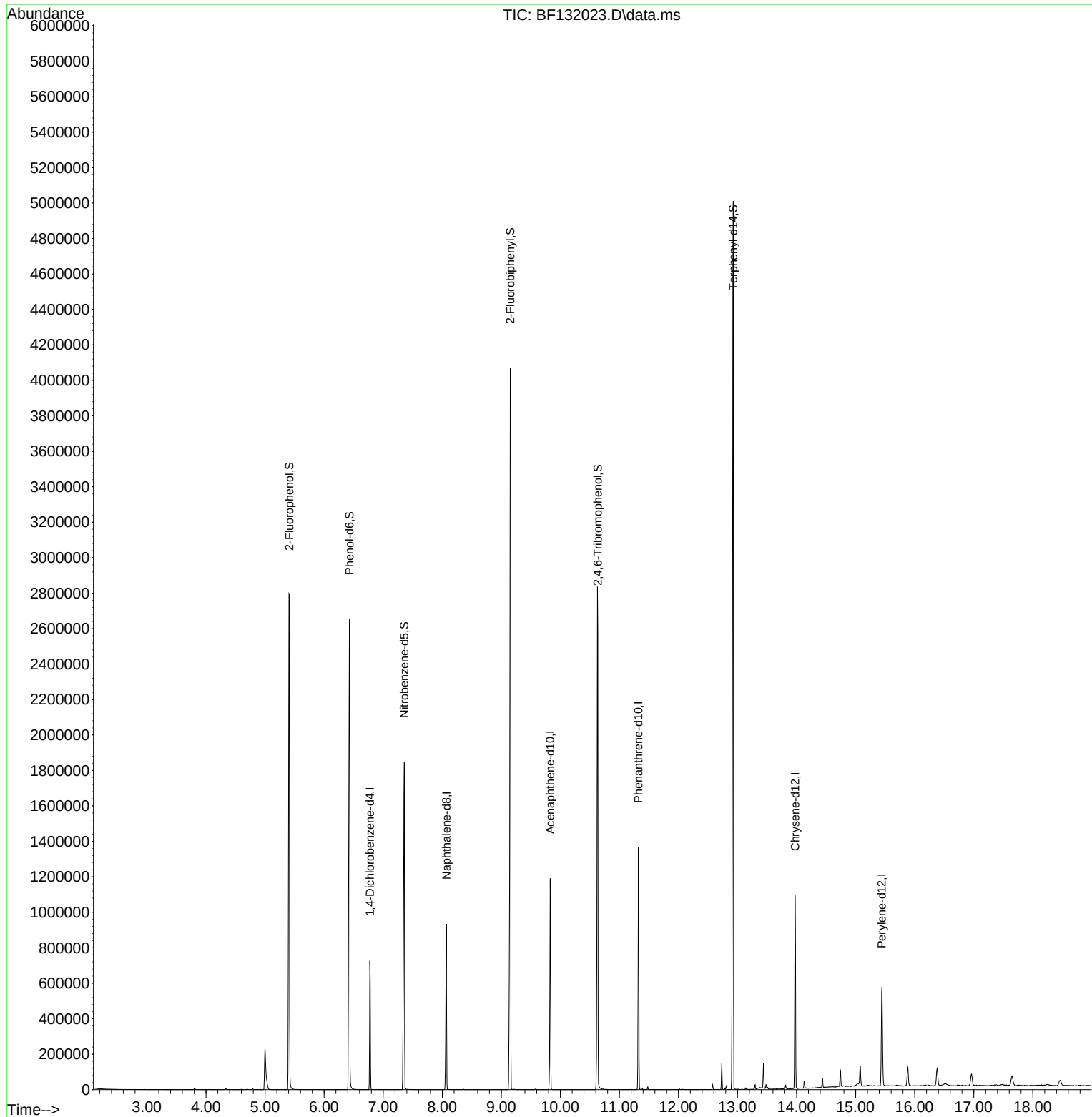
Target Compounds	Qvalue
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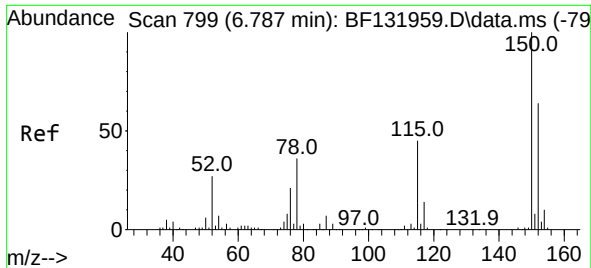
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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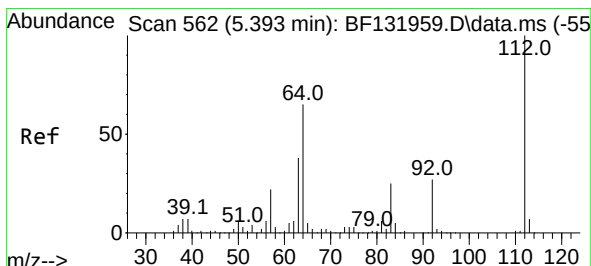
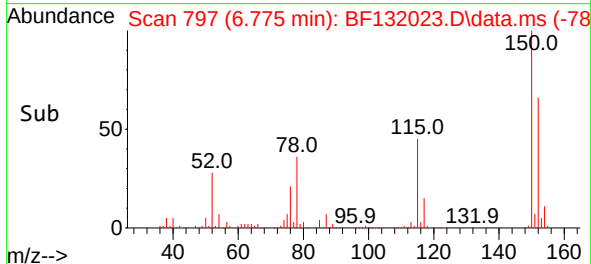
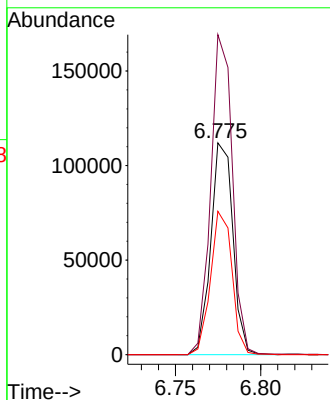
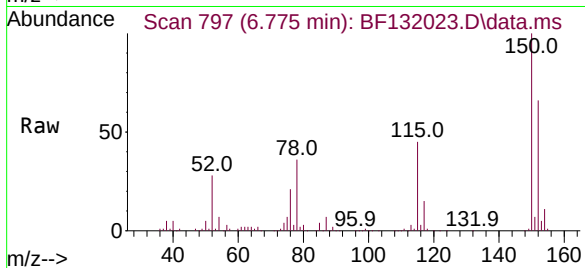




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF132023.D
Acq: 11 Jan 2023 14:29

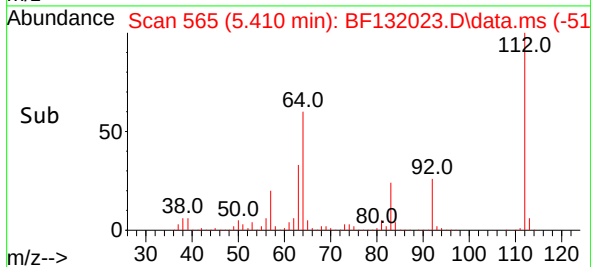
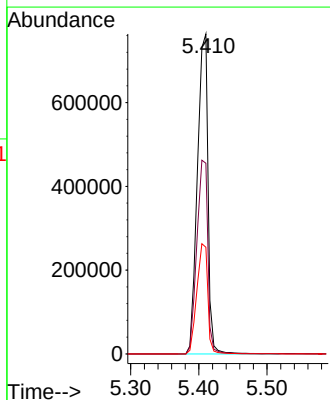
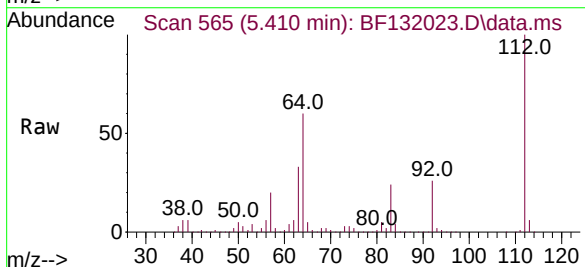
Instrument :
BNA_F
ClientSampleId :
PB150096BL

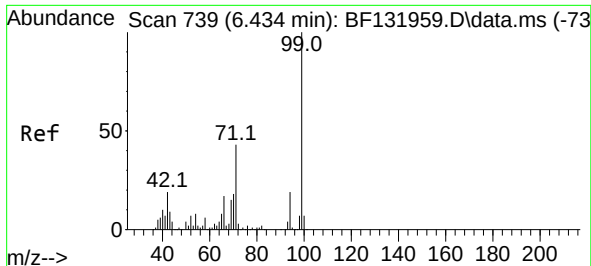
Tgt Ion:152 Resp: 100845
Ion Ratio Lower Upper
152 100
150 151.1 124.6 186.8
115 67.7 55.6 83.4



#5
2-Fluorophenol
Concen: 135.495 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.018 min
Lab File: BF132023.D
Acq: 11 Jan 2023 14:29

Tgt Ion:112 Resp: 829237
Ion Ratio Lower Upper
112 100
64 59.6 51.9 77.9
63 33.3 30.2 45.2



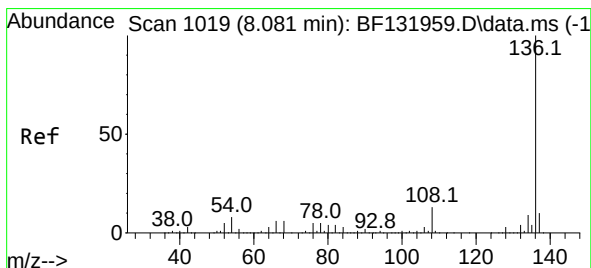
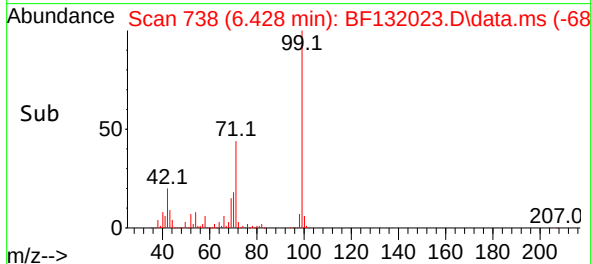
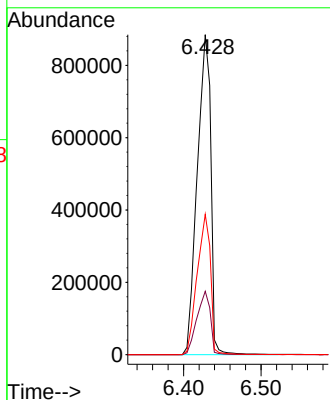
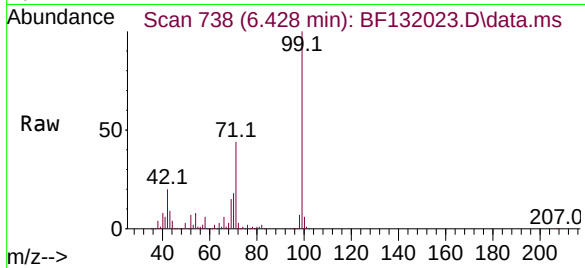


#7
Phenol-d6
Concen: 132.253 ng
RT: 6.428 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF132023.D
Acq: 11 Jan 2023 14:29

Instrument :
BNA_F
ClientSampleId :
PB150096BL

Tgt Ion: 99 Resp: 1073163

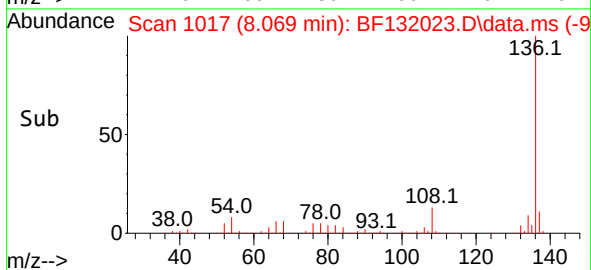
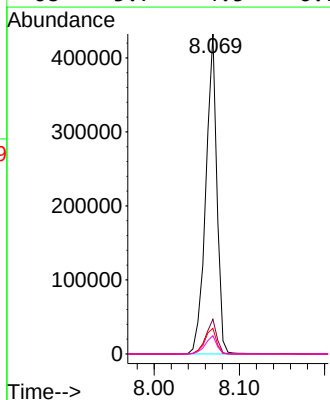
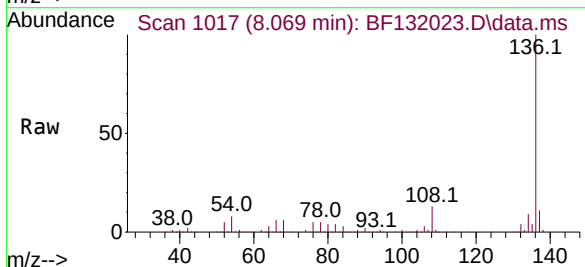
Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.4	23.2
71	43.8	34.6	51.8

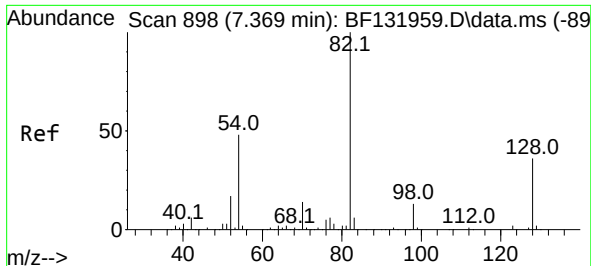


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF132023.D
Acq: 11 Jan 2023 14:29

Tgt Ion: 136 Resp: 390827

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	8.0	6.6	9.8
68	5.7	4.5	6.7





#23

Nitrobenzene-d5

Concen: 81.133 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF132023.D

Acq: 11 Jan 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB150096BL

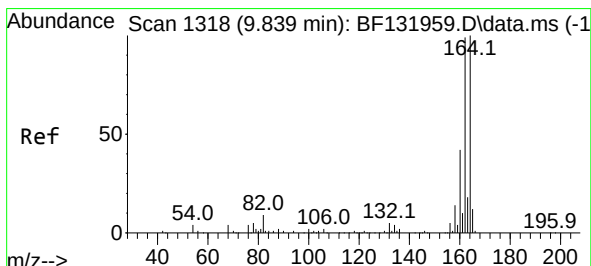
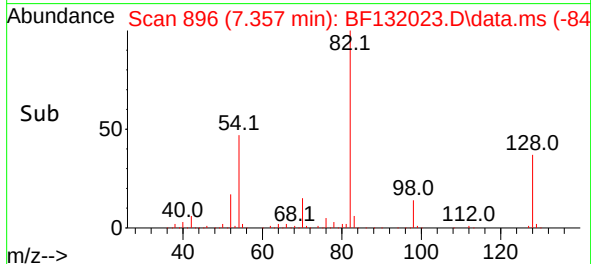
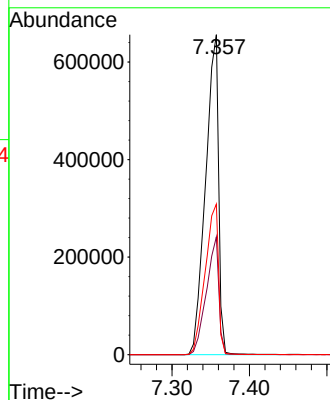
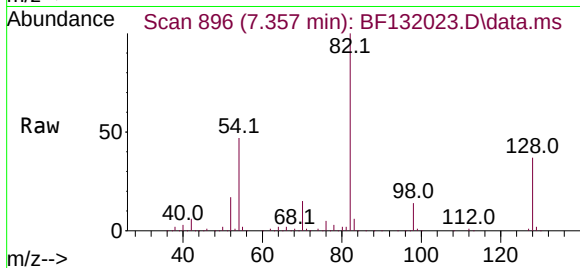
Tgt Ion: 82 Resp: 764012

Ion Ratio Lower Upper

82 100

128 36.8 28.7 43.1

54 47.0 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: BF132023.D

Acq: 11 Jan 2023 14:29

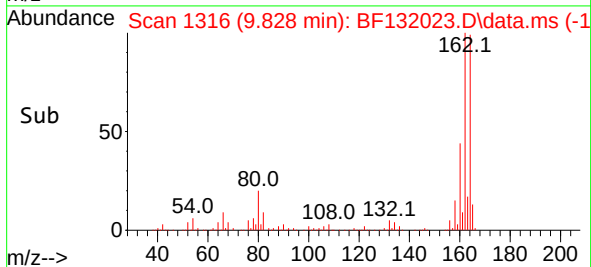
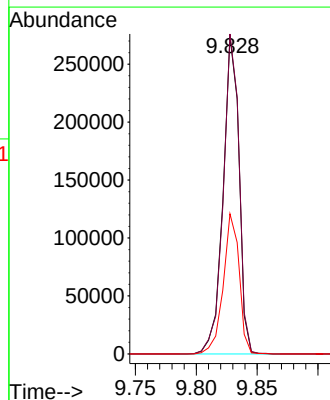
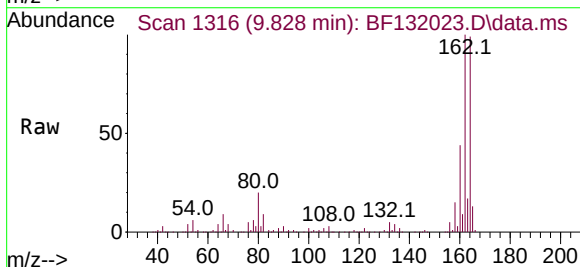
Tgt Ion:164 Resp: 249907

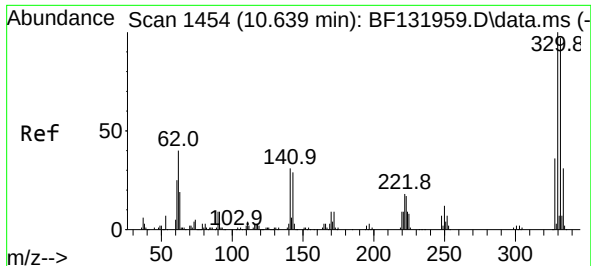
Ion Ratio Lower Upper

164 100

162 100.8 79.4 119.0

160 44.1 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 129.260 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF132023.D

Acq: 11 Jan 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB150096BL

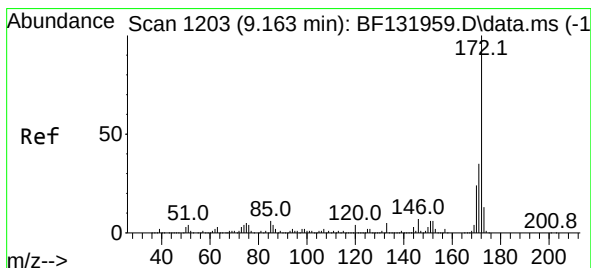
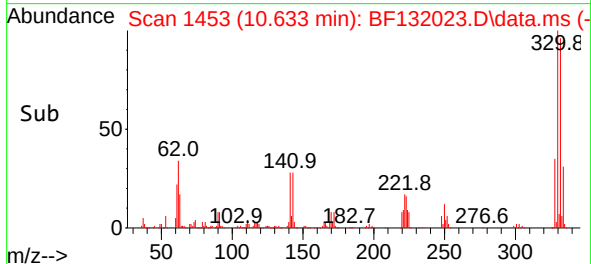
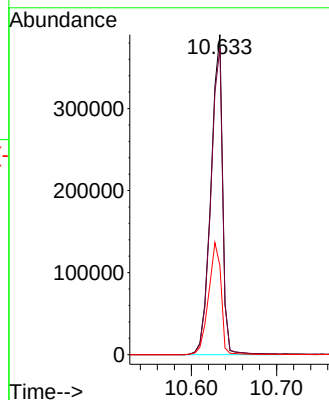
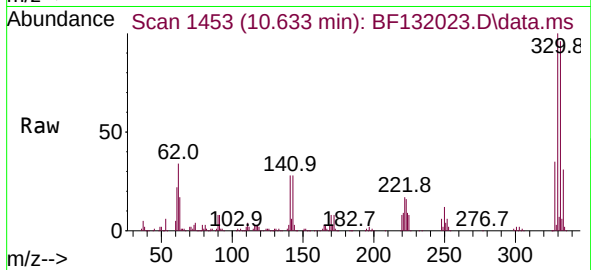
Tgt Ion:330 Resp: 371413

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 37.4 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 78.272 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF132023.D

Acq: 11 Jan 2023 14:29

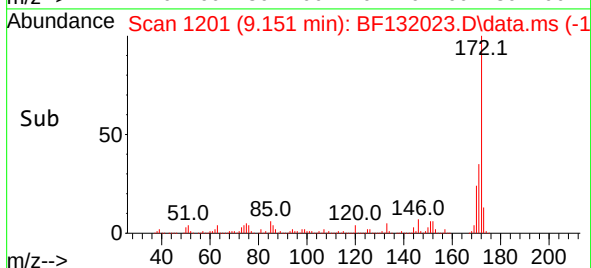
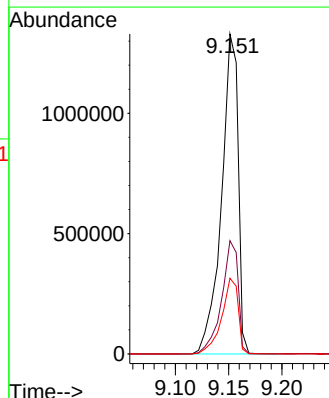
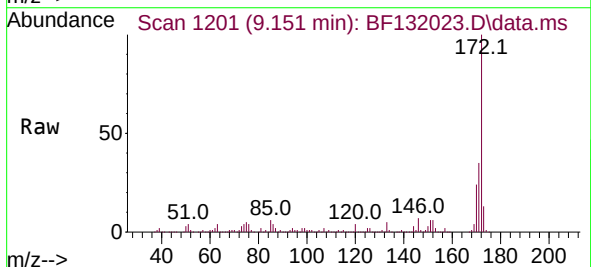
Tgt Ion:172 Resp: 1448988

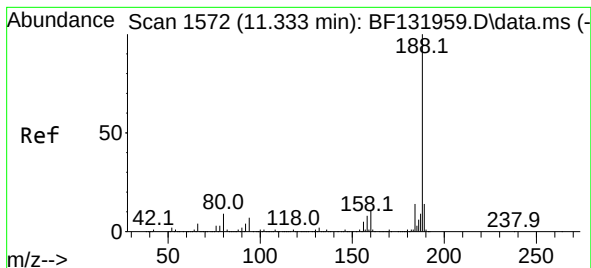
Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 23.6 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: BF132023.D

Acq: 11 Jan 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB150096BL

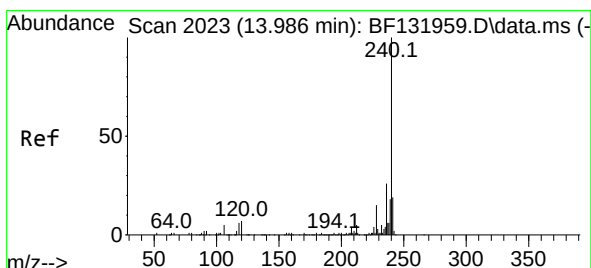
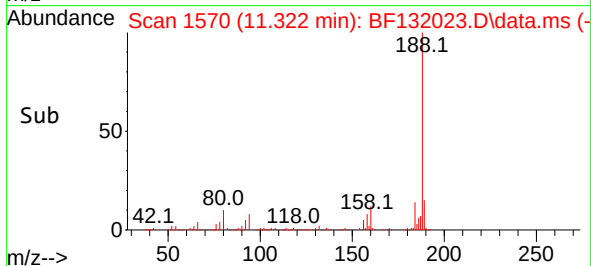
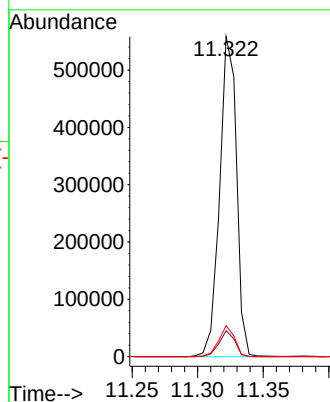
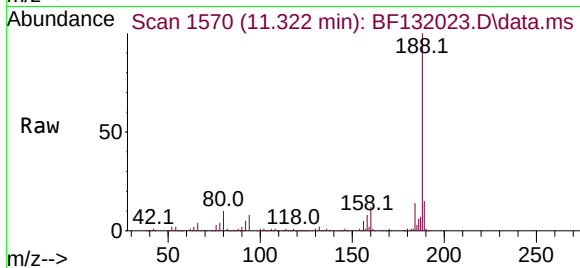
Tgt Ion:188 Resp: 502265

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

80 9.7 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: BF132023.D

Acq: 11 Jan 2023 14:29

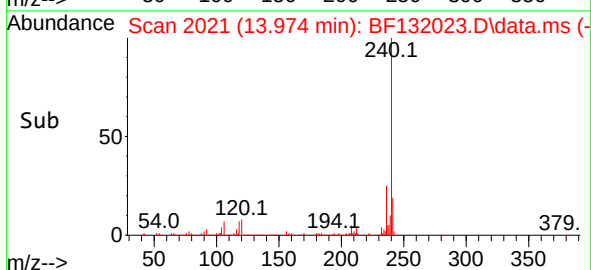
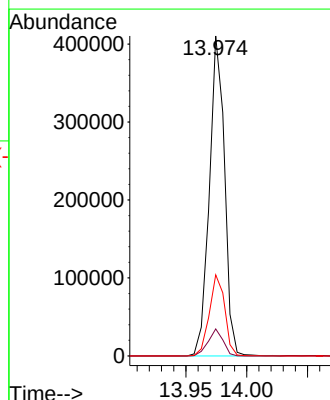
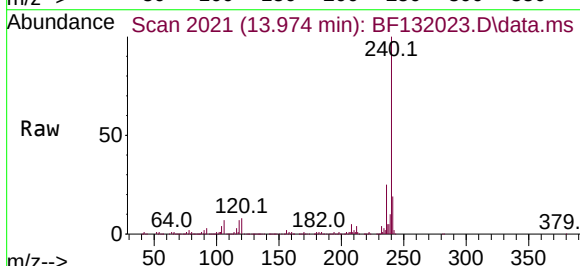
Tgt Ion:240 Resp: 356200

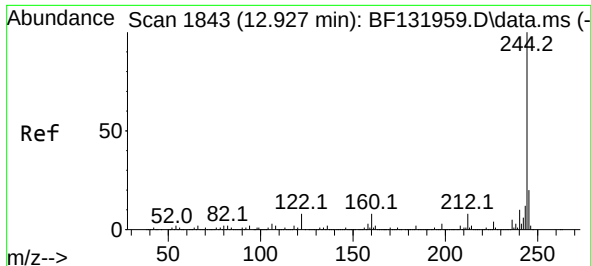
Ion Ratio Lower Upper

240 100

120 8.4 5.4 8.0#

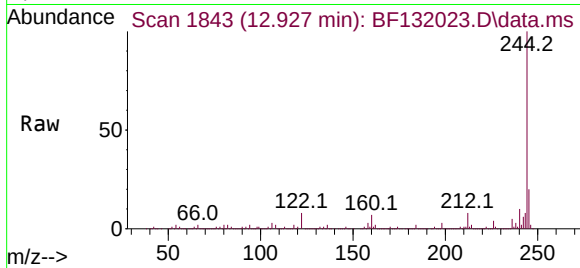
236 25.3 21.1 31.7



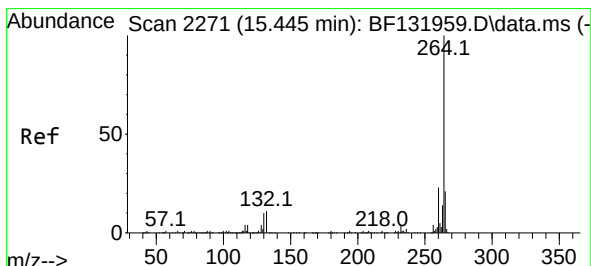
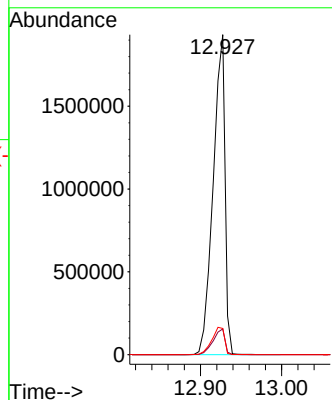
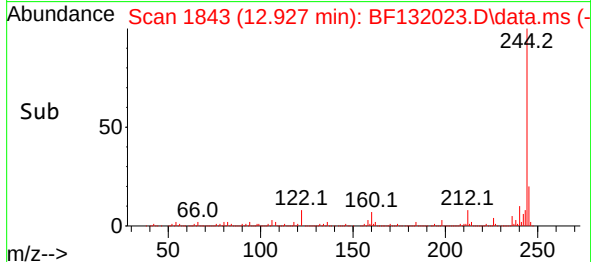


#79
 Terphenyl-d14
 Concen: 78.966 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF132023.D
 Acq: 11 Jan 2023 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB150096BL



Tgt Ion:244 Resp: 1962470
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.2 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: BF132023.D
 Acq: 11 Jan 2023 14:29

Tgt Ion:264 Resp: 232458
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.3 27.5
 265 22.6 16.9 25.3

