

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132026.D
 Acq On : 11 Jan 2023 16:51
 Operator : CG\JU
 Sample : 01072-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-5-MIDDLE(4-8)

Quant Time: Jan 12 00:35:05 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	76177	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	286963	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	169419	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	321483	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	144842	20.000	ng	-0.01
86) Perylene-d12	15.439	264	138705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	290041	62.739	ng	0.00
7) Phenol-d6	6.428	99	646232	105.429	ng	0.00
23) Nitrobenzene-d5	7.351	82	500177	72.341	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	8195	4.207	ng	-0.02
45) 2-Fluorobiphenyl	9.151	172	936761	74.643	ng	-0.01
79) Terphenyl-d14	12.921	244	988728	97.839	ng	0.00

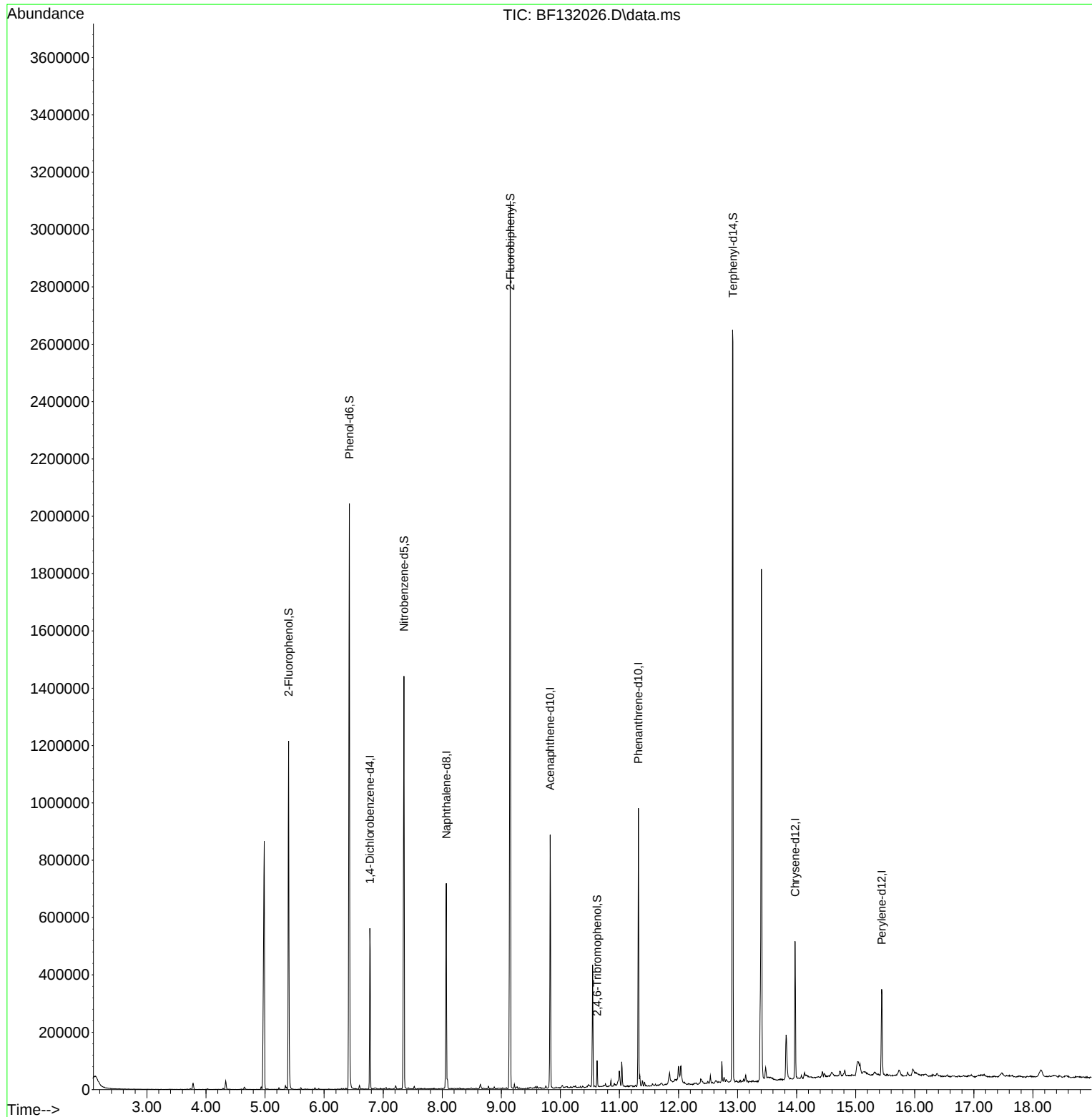
Target Compounds	Qvalue

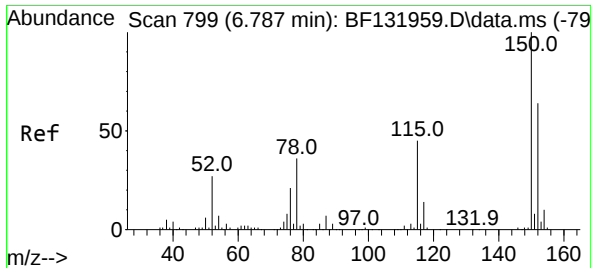
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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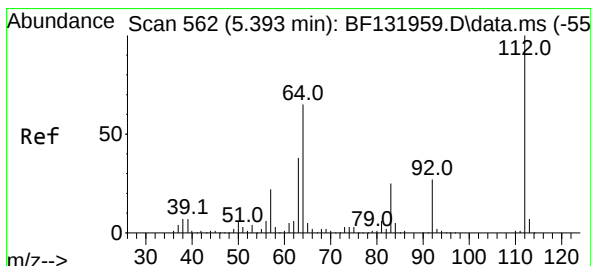
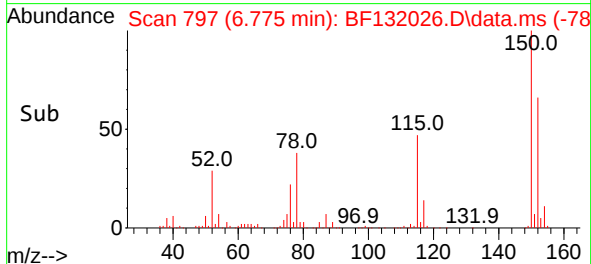
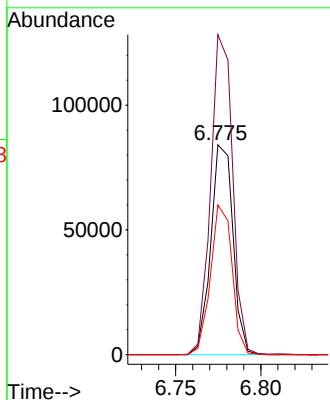
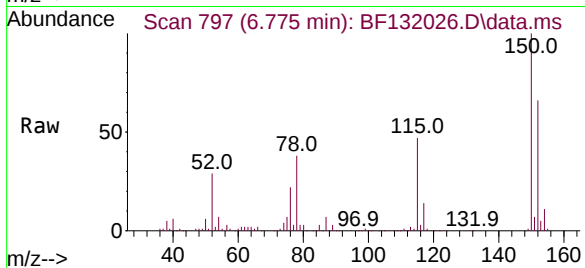




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 799
 Delta R.T. -0.012 min
 Lab File: BF132026.D
 Acq: 11 Jan 2023 16:51

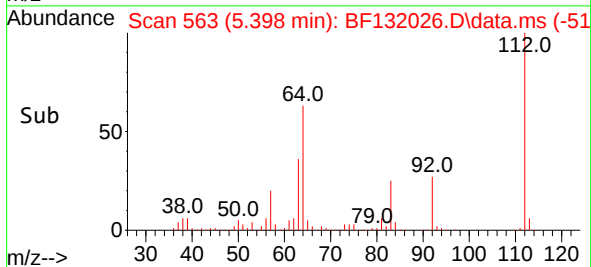
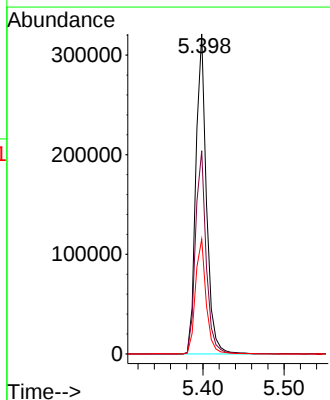
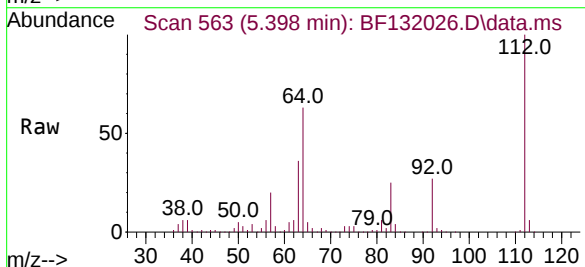
Instrument :
 BNA_F
 ClientSampleId :
 H-5-MIDDLE(4-8)

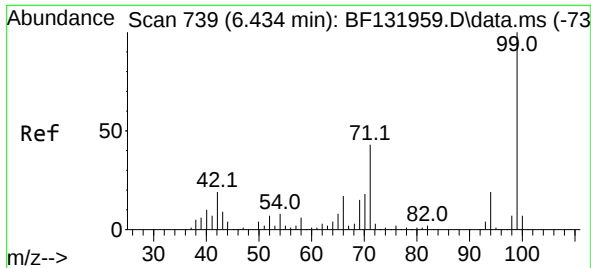
Tgt Ion:152 Resp: 76177
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.6 186.8
 115 71.3 55.6 83.4



#5
 2-Fluorophenol
 Concen: 62.739 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: BF132026.D
 Acq: 11 Jan 2023 16:51

Tgt Ion:112 Resp: 290041
 Ion Ratio Lower Upper
 112 100
 64 63.5 51.9 77.9
 63 35.9 30.2 45.2

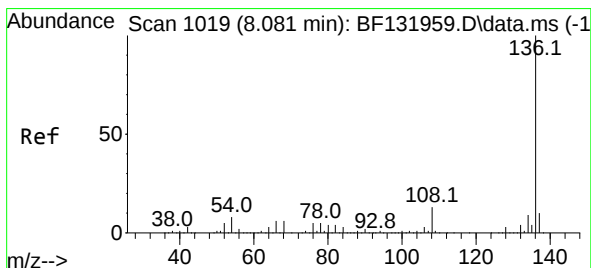
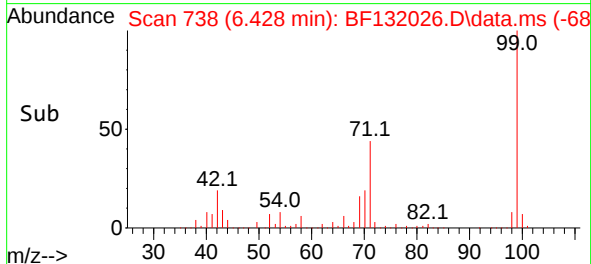
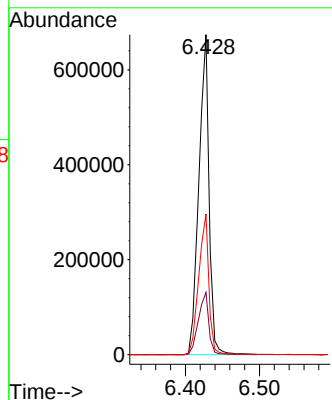
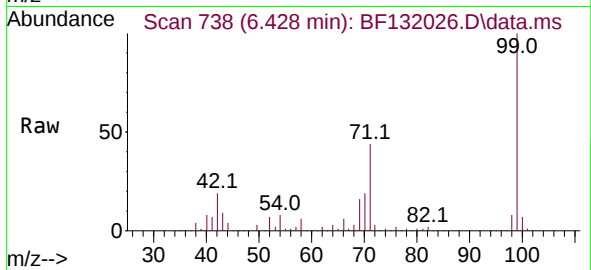




#7
Phenol-d6
Concen: 105.429 ng
RT: 6.428 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

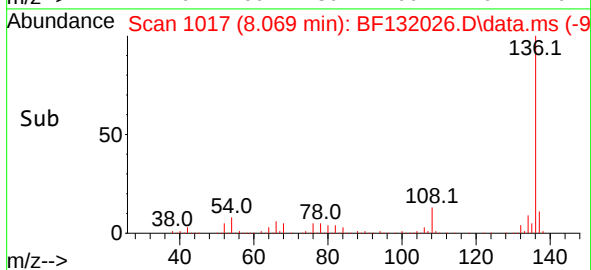
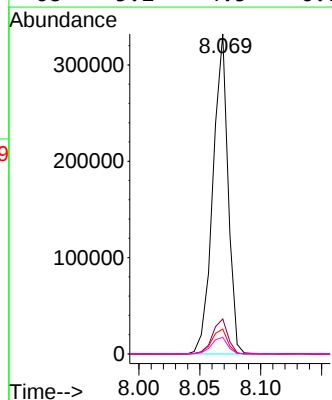
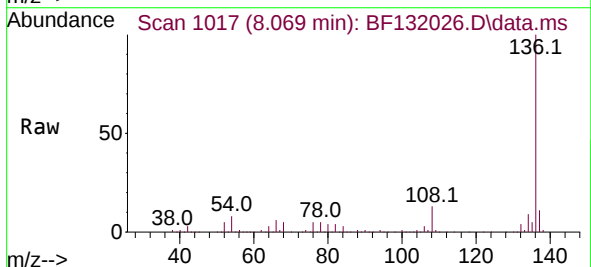
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)

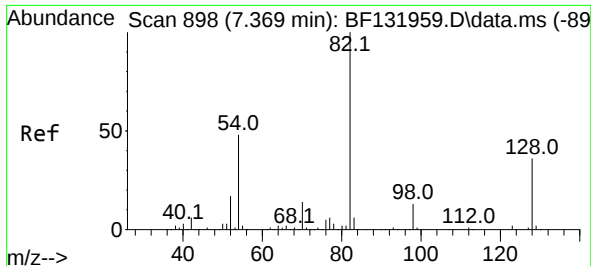
Tgt Ion: 99 Resp: 646232
Ion Ratio Lower Upper
99 100
42 19.5 15.4 23.2
71 43.9 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

Tgt Ion: 136 Resp: 286963
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 7.7 6.6 9.8
68 5.2 4.5 6.7

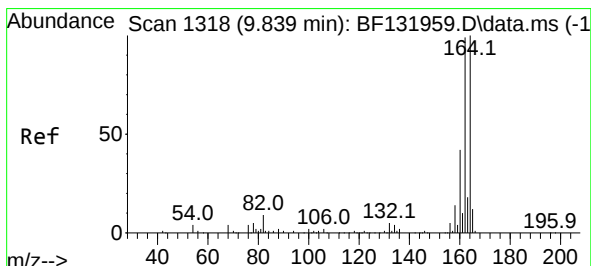
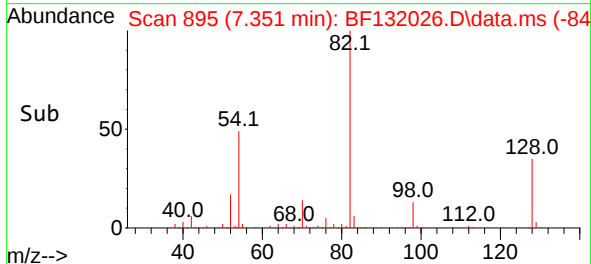
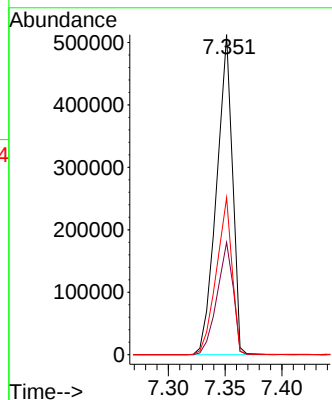
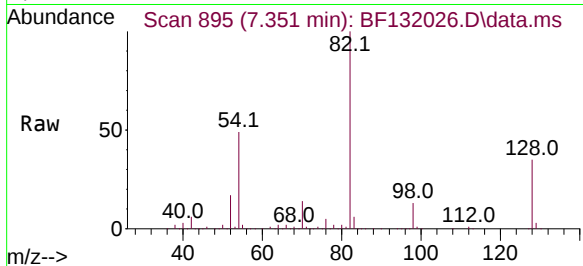




#23
Nitrobenzene-d5
Concen: 72.341 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

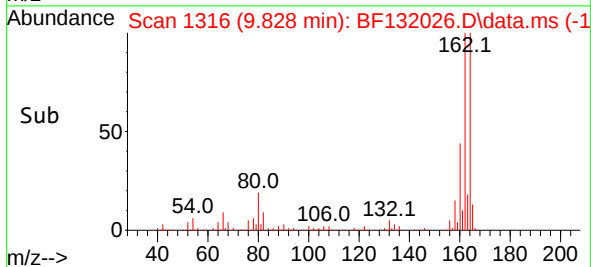
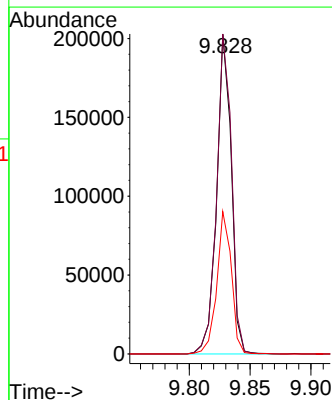
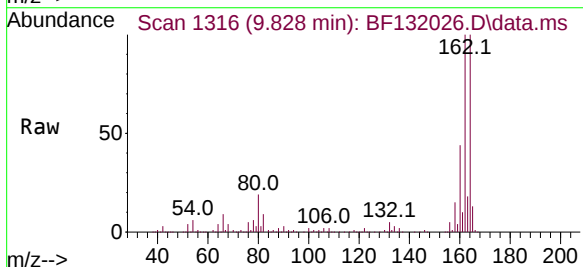
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)

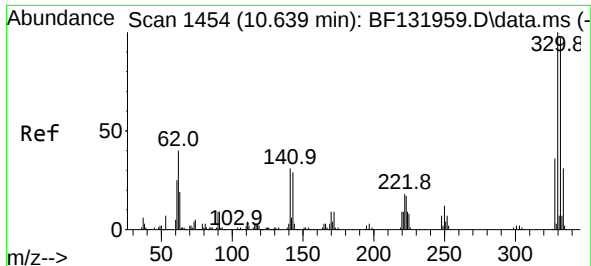
Tgt Ion: 82 Resp: 500177
Ion Ratio Lower Upper
82 100
128 35.1 28.7 43.1
54 49.1 38.1 57.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF132026.D
Acq: 11 Jan 2023 16:51

Tgt Ion:164 Resp: 169419
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.0
160 44.5 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 4.207 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.018 min

Lab File: BF132026.D

Acq: 11 Jan 2023 16:51

Instrument :

BNA_F

ClientSampleId :

H-5-MIDDLE(4-8)

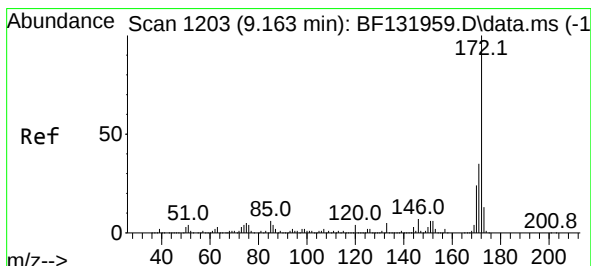
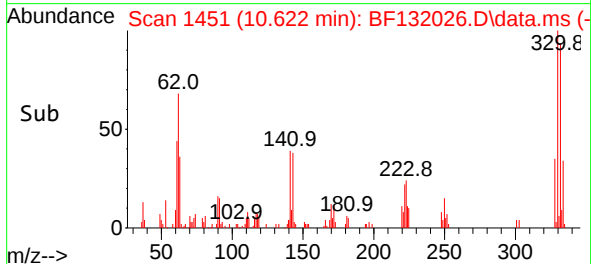
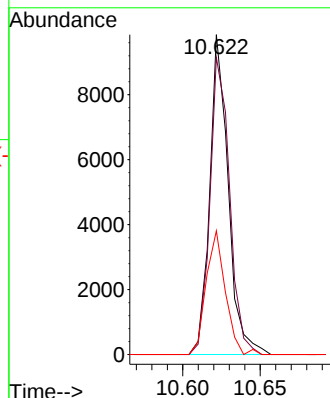
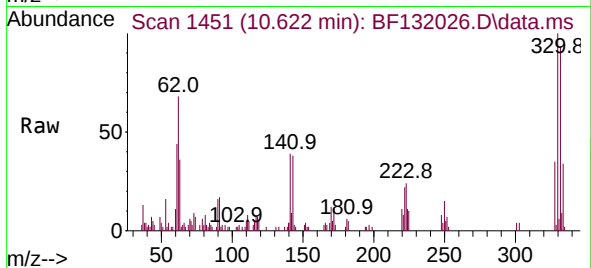
Tgt Ion:330 Resp: 8195

Ion Ratio Lower Upper

330 100

332 98.5 76.9 115.3

141 40.2 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 74.643 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF132026.D

Acq: 11 Jan 2023 16:51

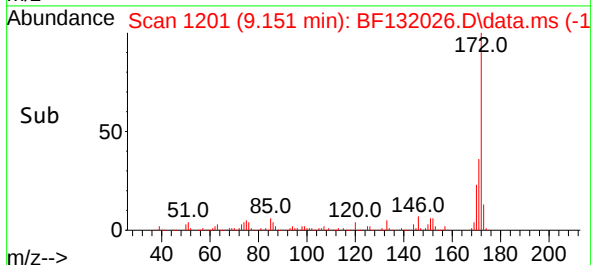
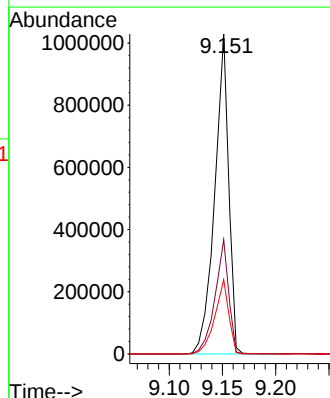
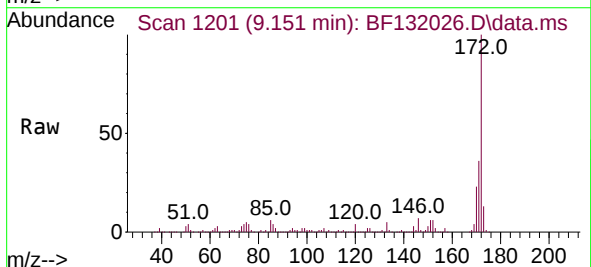
Tgt Ion:172 Resp: 936761

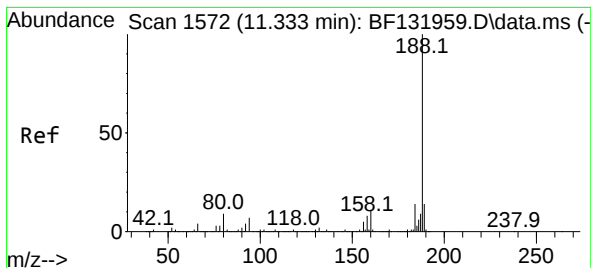
Ion Ratio Lower Upper

172 100

171 35.7 28.0 42.0

170 23.2 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: BF132026.D

Acq: 11 Jan 2023 16:51

Instrument :

BNA_F

ClientSampleId :

H-5-MIDDLE(4-8)

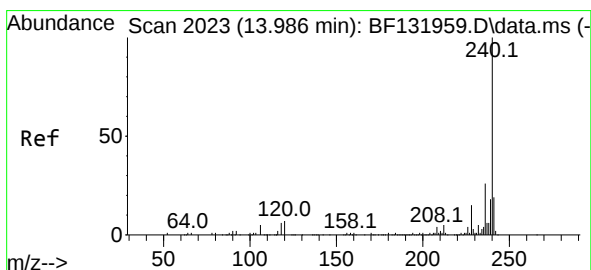
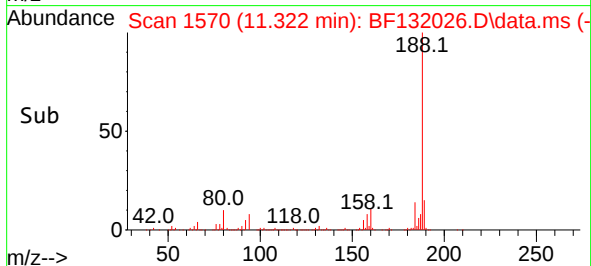
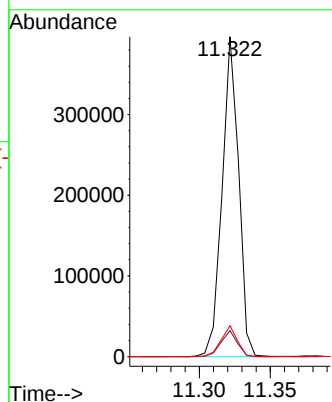
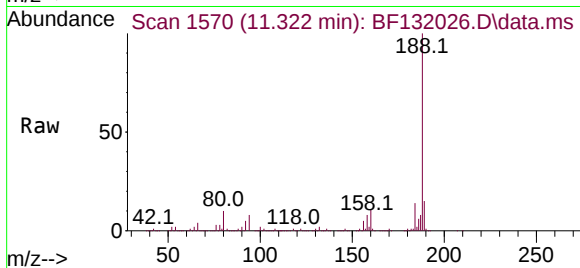
Tgt Ion:188 Resp: 321483

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: BF132026.D

Acq: 11 Jan 2023 16:51

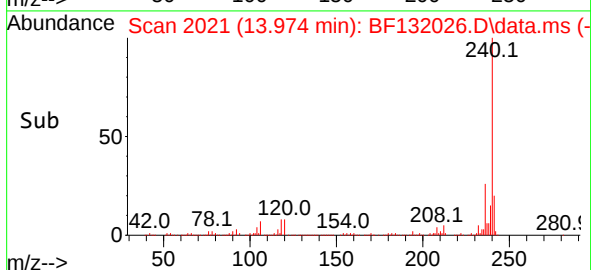
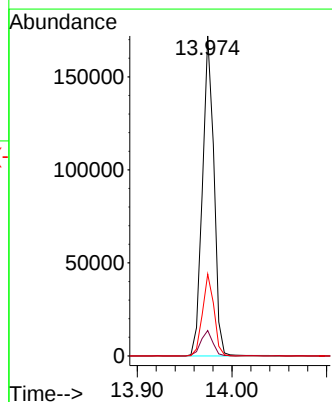
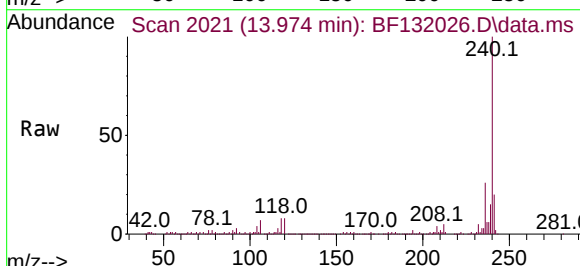
Tgt Ion:240 Resp: 144842

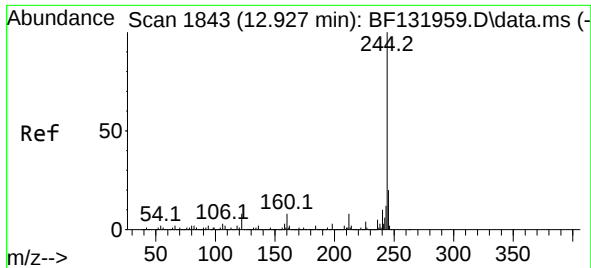
Ion Ratio Lower Upper

240 100

120 7.9 5.4 8.0

236 25.6 21.1 31.7

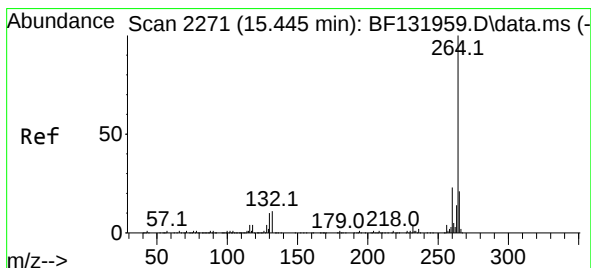
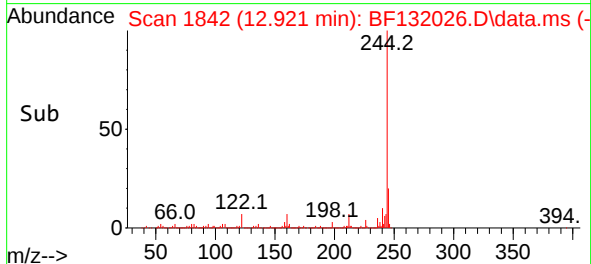
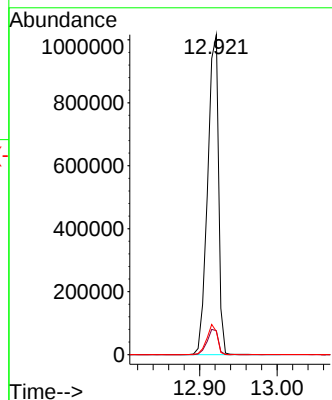
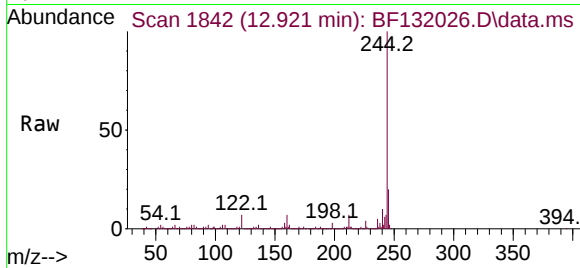




#79
 Terphenyl-d14
 Concen: 97.839 ng
 RT: 12.921 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF132026.D
 Acq: 11 Jan 2023 16:51

Instrument :
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Tgt Ion:244 Resp: 988728
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 7.2 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: BF132026.D
 Acq: 11 Jan 2023 16:51

Tgt Ion:264 Resp: 138705
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.3 27.5
 265 21.9 16.9 25.3

