

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
 Data File : BF132044.D
 Acq On : 12 Jan 2023 16:37
 Operator : CG\JU
 Sample : 01084-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-2

Quant Time: Jan 13 01:34:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	72407	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	263603	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	155542	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	307875	20.000	ng	0.00
76) Chrysene-d12	13.957	240	164221	20.000	ng	0.00
86) Perylene-d12	15.415	264	143200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	512301	116.585	ng	0.02
7) Phenol-d6	6.416	99	580363	99.613	ng	0.00
23) Nitrobenzene-d5	7.345	82	541308	85.227	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	238870	133.567	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	977279	84.819	ng	0.00
79) Terphenyl-d14	12.904	244	1153526	100.676	ng	0.00

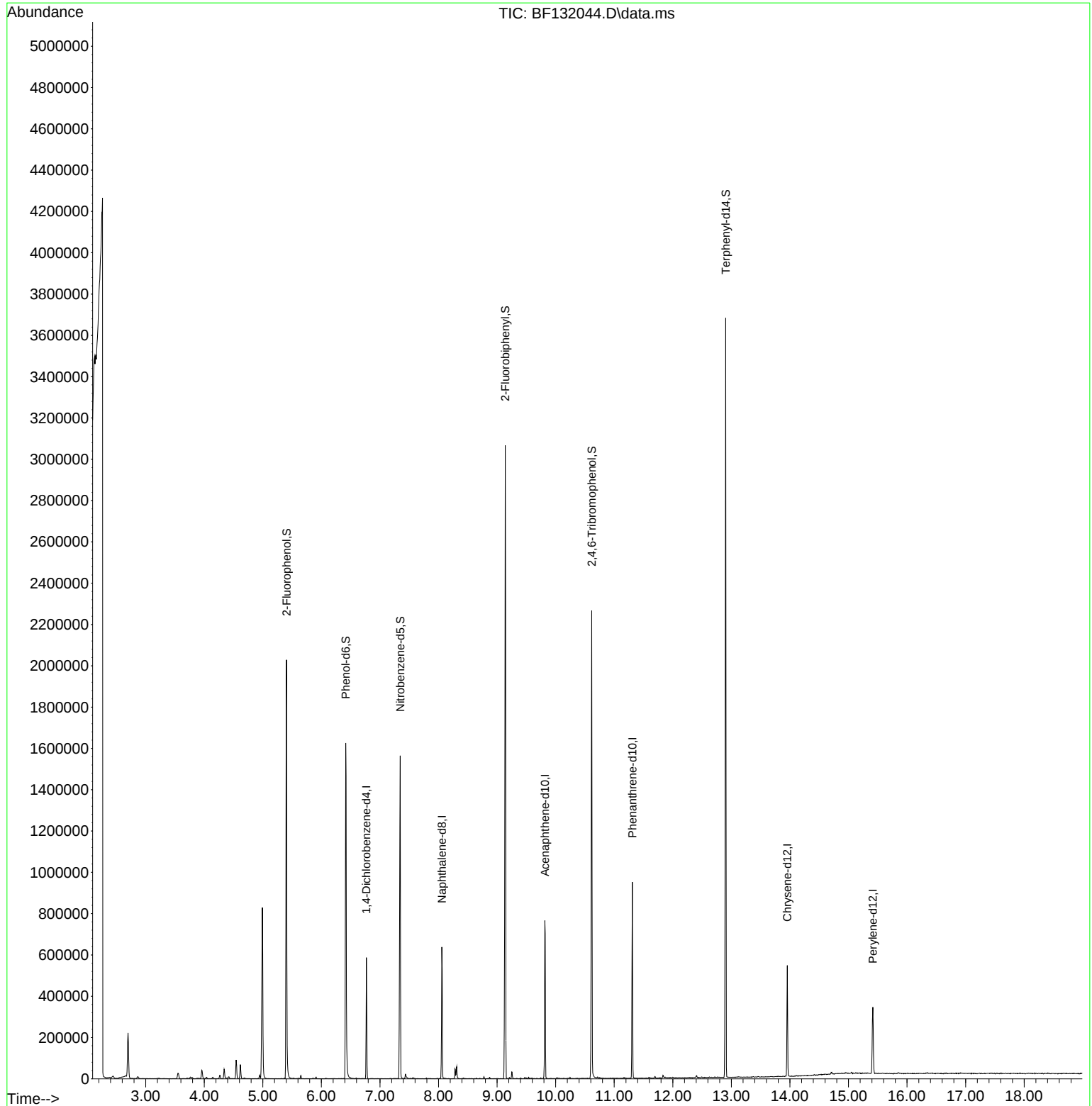
Target Compounds	Qvalue

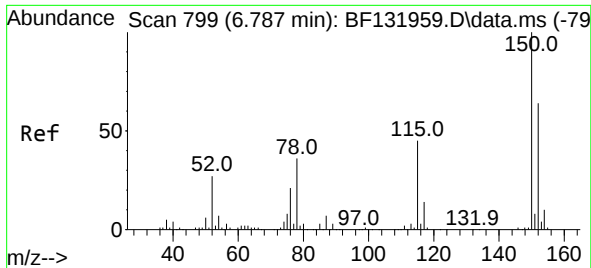
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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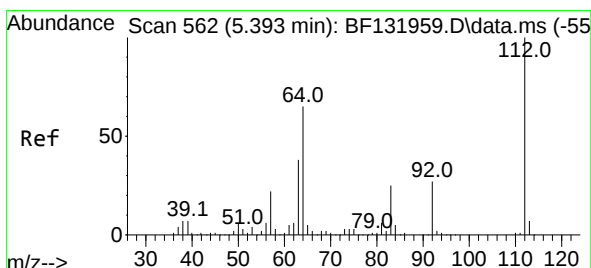
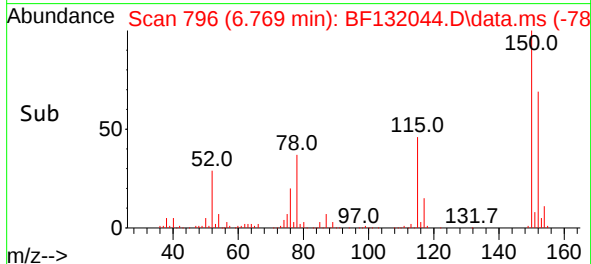
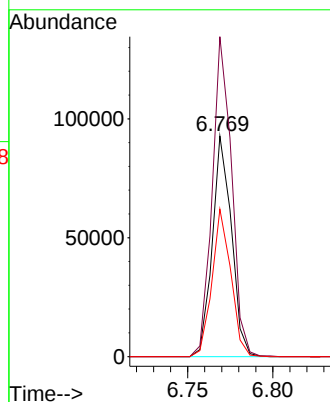
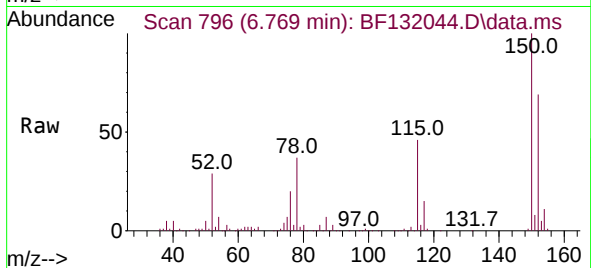




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF132044.D
 Acq: 12 Jan 2023 16:37

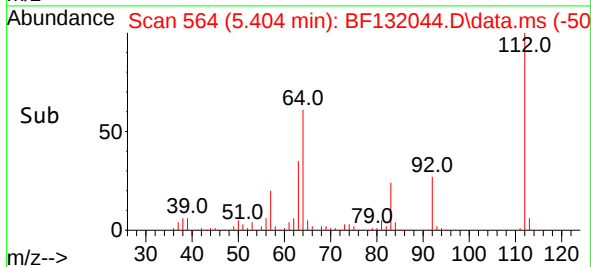
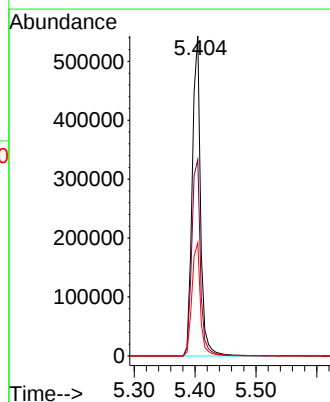
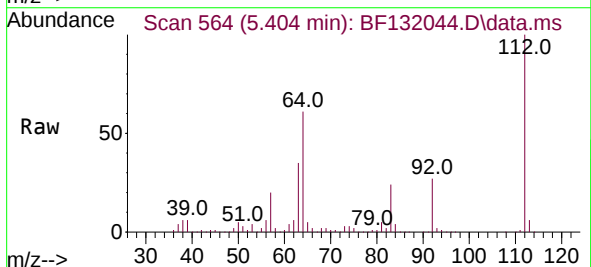
Instrument :
 BNA_F
 ClientSampleId :
 MH-2

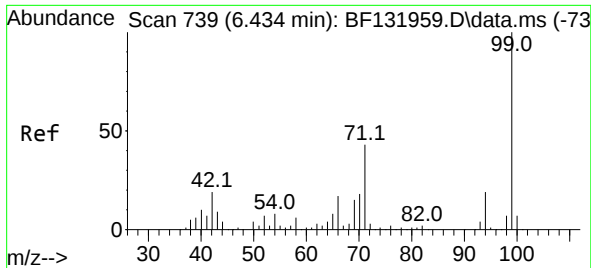
Tgt Ion:152 Resp: 72407
 Ion Ratio Lower Upper
 152 100
 150 145.1 124.6 186.8
 115 66.9 55.6 83.4



#5
 2-Fluorophenol
 Concen: 116.585 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.024 min
 Lab File: BF132044.D
 Acq: 12 Jan 2023 16:37

Tgt Ion:112 Resp: 512301
 Ion Ratio Lower Upper
 112 100
 64 61.3 51.9 77.9
 63 35.3 30.2 45.2

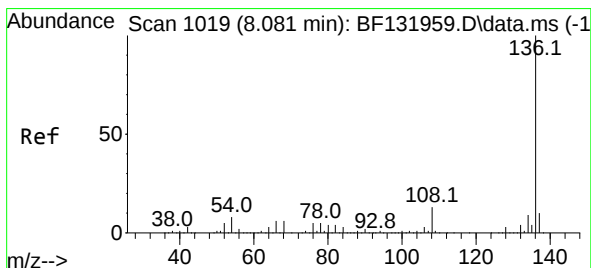
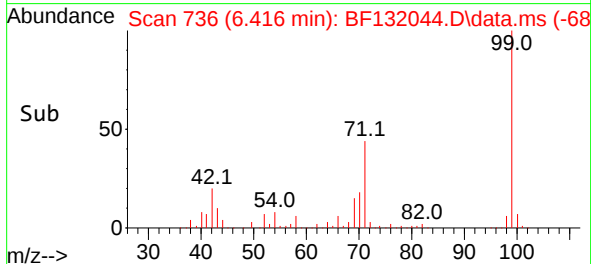
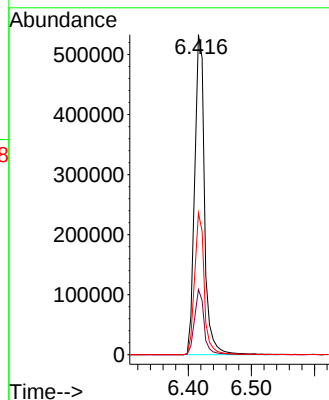
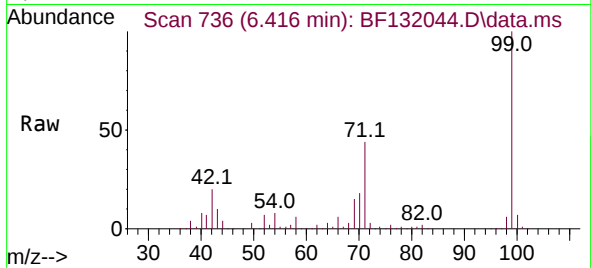




#7
Phenol-d6
Concen: 99.613 ng
RT: 6.416 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF132044.D
Acq: 12 Jan 2023 16:37

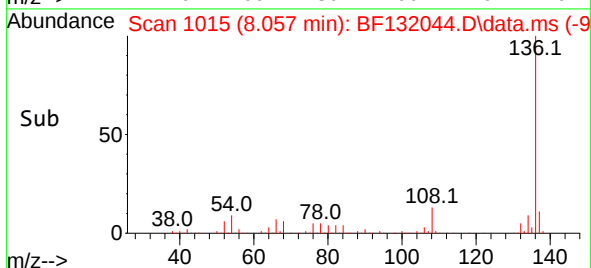
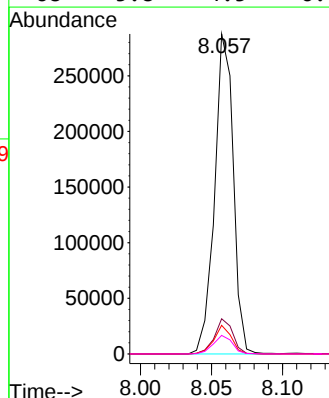
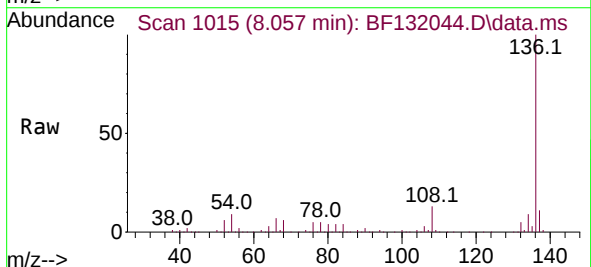
Instrument :
BNA_F
ClientSampleId :
MH-2

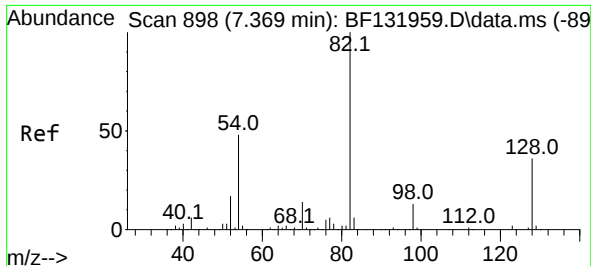
Tgt Ion: 99 Resp: 580363
Ion Ratio Lower Upper
99 100
42 20.4 15.4 23.2
71 44.3 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF132044.D
Acq: 12 Jan 2023 16:37

Tgt Ion: 136 Resp: 263603
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 8.9 6.6 9.8
68 5.8 4.5 6.7





#23

Nitrobenzene-d5

Concen: 85.227 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132044.D

Acq: 12 Jan 2023 16:37

Instrument :

BNA_F

ClientSampleId :

MH-2

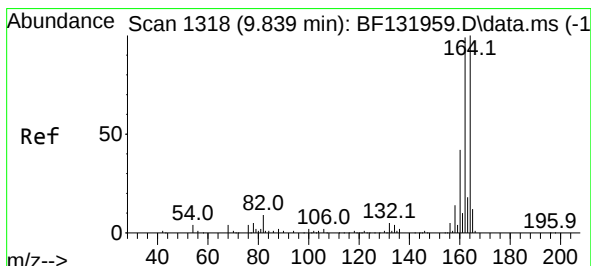
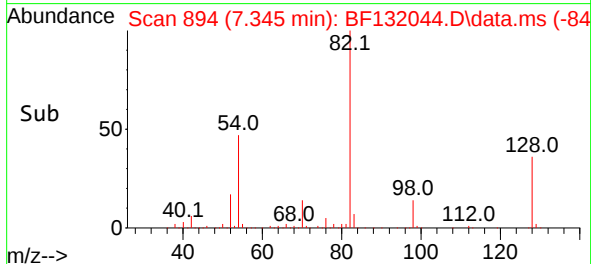
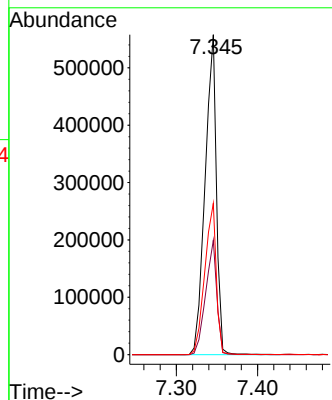
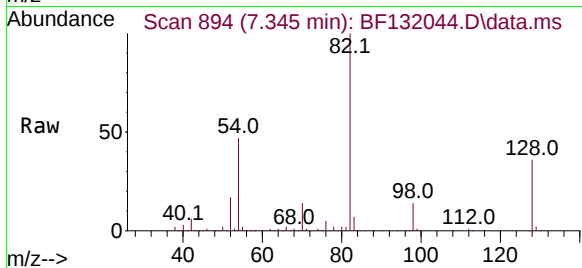
Tgt Ion: 82 Resp: 541308

Ion Ratio Lower Upper

82 100

128 35.7 28.7 43.1

54 47.3 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF132044.D

Acq: 12 Jan 2023 16:37

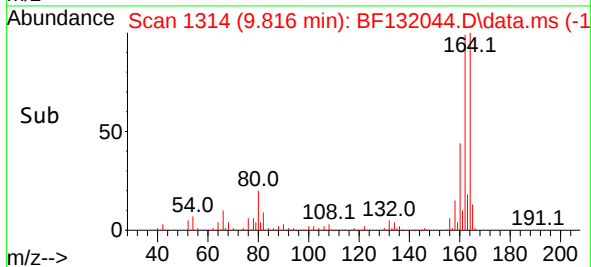
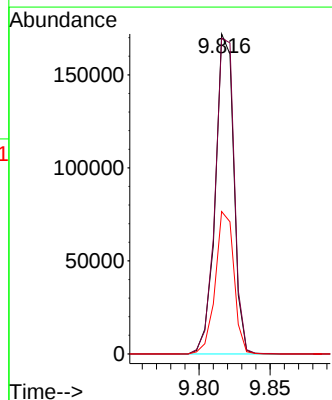
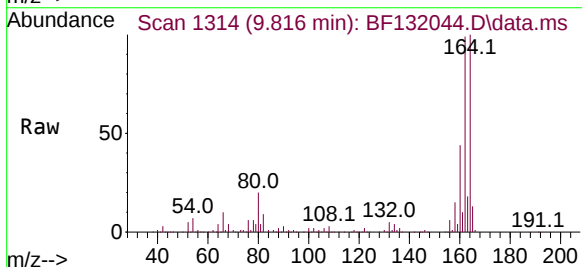
Tgt Ion:164 Resp: 155542

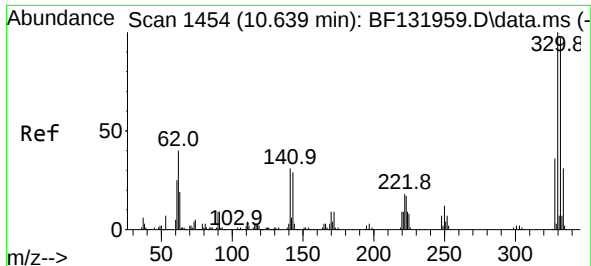
Ion Ratio Lower Upper

164 100

162 98.7 79.4 119.0

160 44.5 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 133.567 ng

RT: 10.616 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF132044.D

Acq: 12 Jan 2023 16:37

Instrument :

BNA_F

ClientSampleId :

MH-2

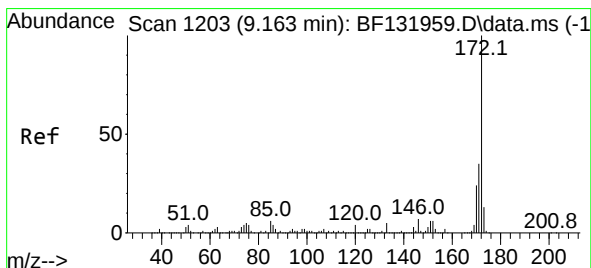
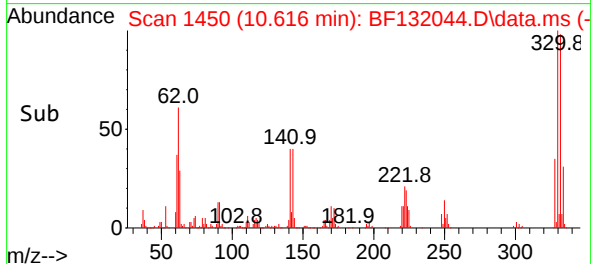
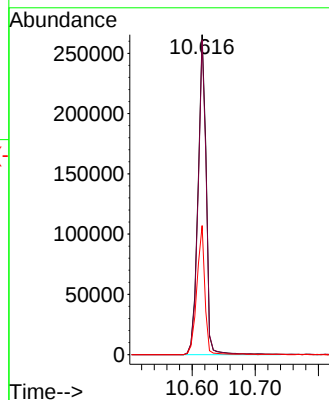
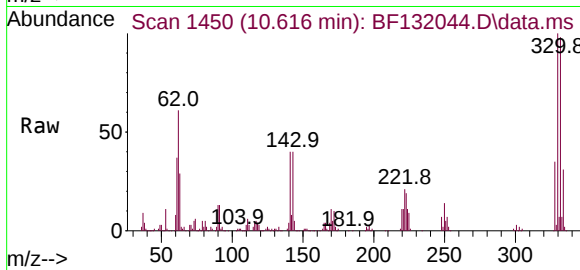
Tgt Ion:330 Resp: 238870

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

141 39.3 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 84.819 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF132044.D

Acq: 12 Jan 2023 16:37

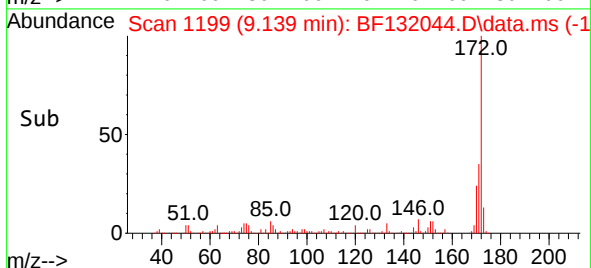
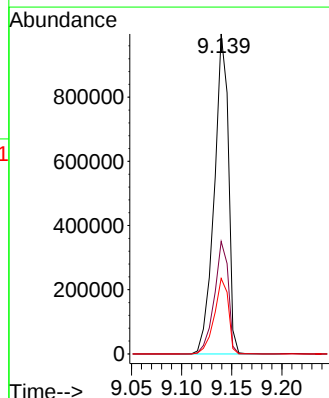
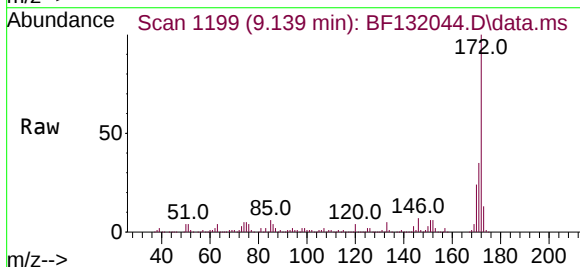
Tgt Ion:172 Resp: 977279

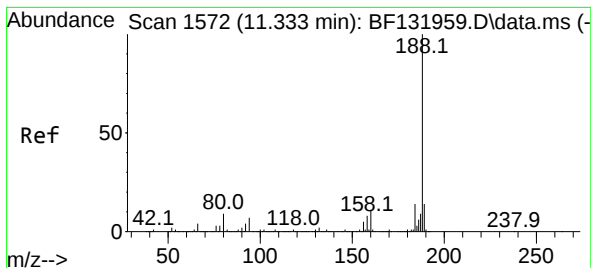
Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132044.D

Acq: 12 Jan 2023 16:37

Instrument :

BNA_F

ClientSampleId :

MH-2

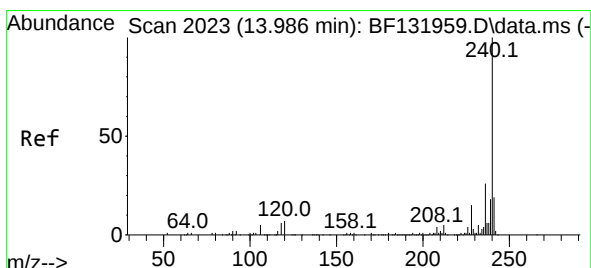
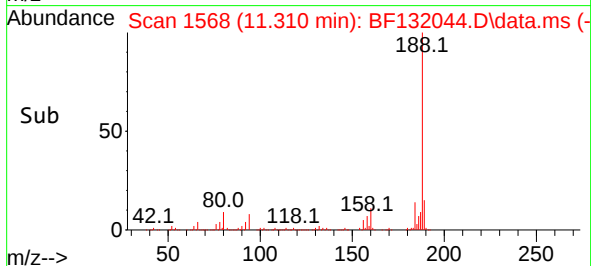
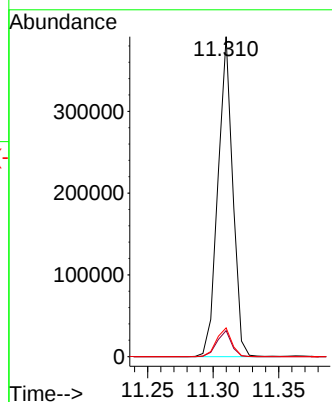
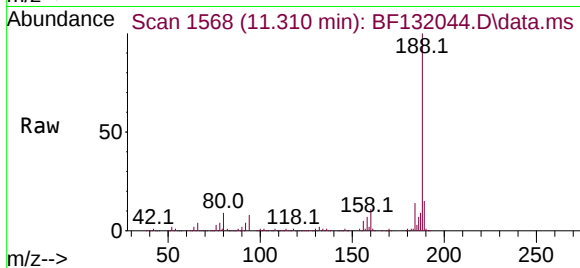
Tgt Ion:188 Resp: 307875

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

80 9.0 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF132044.D

Acq: 12 Jan 2023 16:37

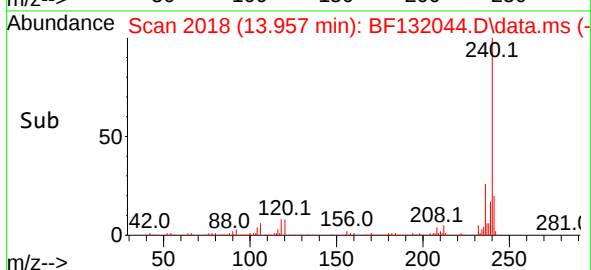
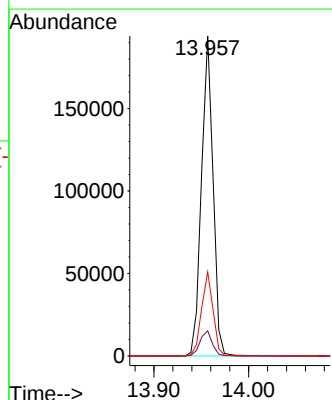
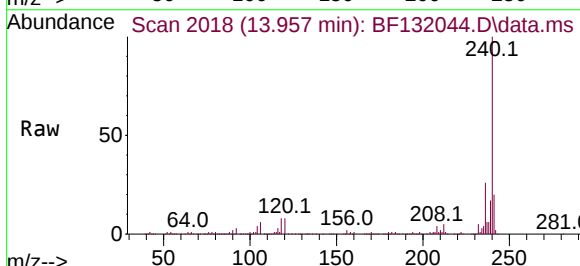
Tgt Ion:240 Resp: 164221

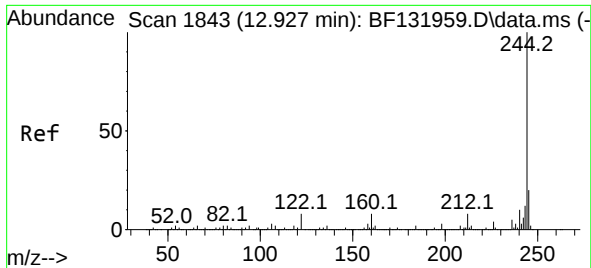
Ion Ratio Lower Upper

240 100

120 7.8 5.4 8.0

236 26.2 21.1 31.7

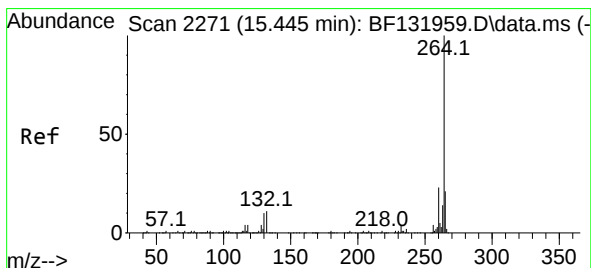
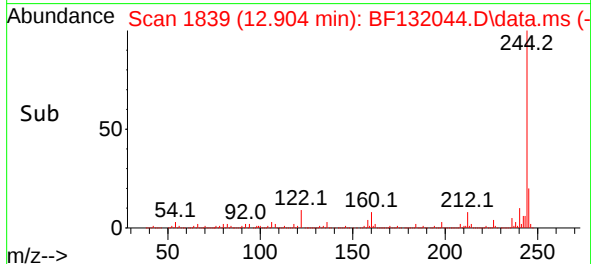
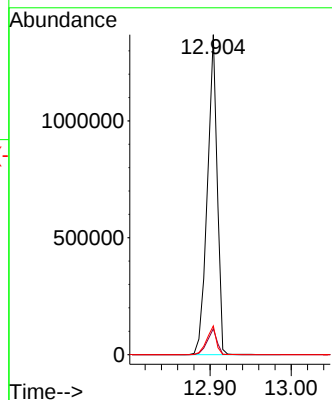
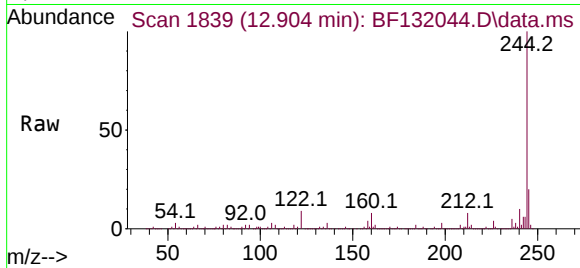




#79
 Terphenyl-d14
 Concen: 100.676 ng
 RT: 12.904 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BF132044.D
 Acq: 12 Jan 2023 16:37

Instrument :
 BNA_F
 ClientSampleId :
 MH-2

Tgt Ion:244 Resp: 1153526
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.0 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: BF132044.D
 Acq: 12 Jan 2023 16:37

Tgt Ion:264 Resp: 143200
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.3 27.5
 265 20.9 16.9 25.3

