

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
 Data File : BF132048.D
 Acq On : 12 Jan 2023 18:46
 Operator : CG\JU
 Sample : 01106-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-3

Quant Time: Jan 13 01:36:18 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	74074	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	269867	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	154059	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	262851	20.000	ng	0.00
76) Chrysene-d12	13.957	240	139925	20.000	ng	0.00
86) Perylene-d12	15.415	264	150376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	511875	113.867	ng	0.01
7) Phenol-d6	6.416	99	671634	112.684	ng	0.00
23) Nitrobenzene-d5	7.345	82	480468	73.892	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	164263	92.734	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	828590	72.606	ng	0.00
79) Terphenyl-d14	12.898	244	671350	68.767	ng	0.00

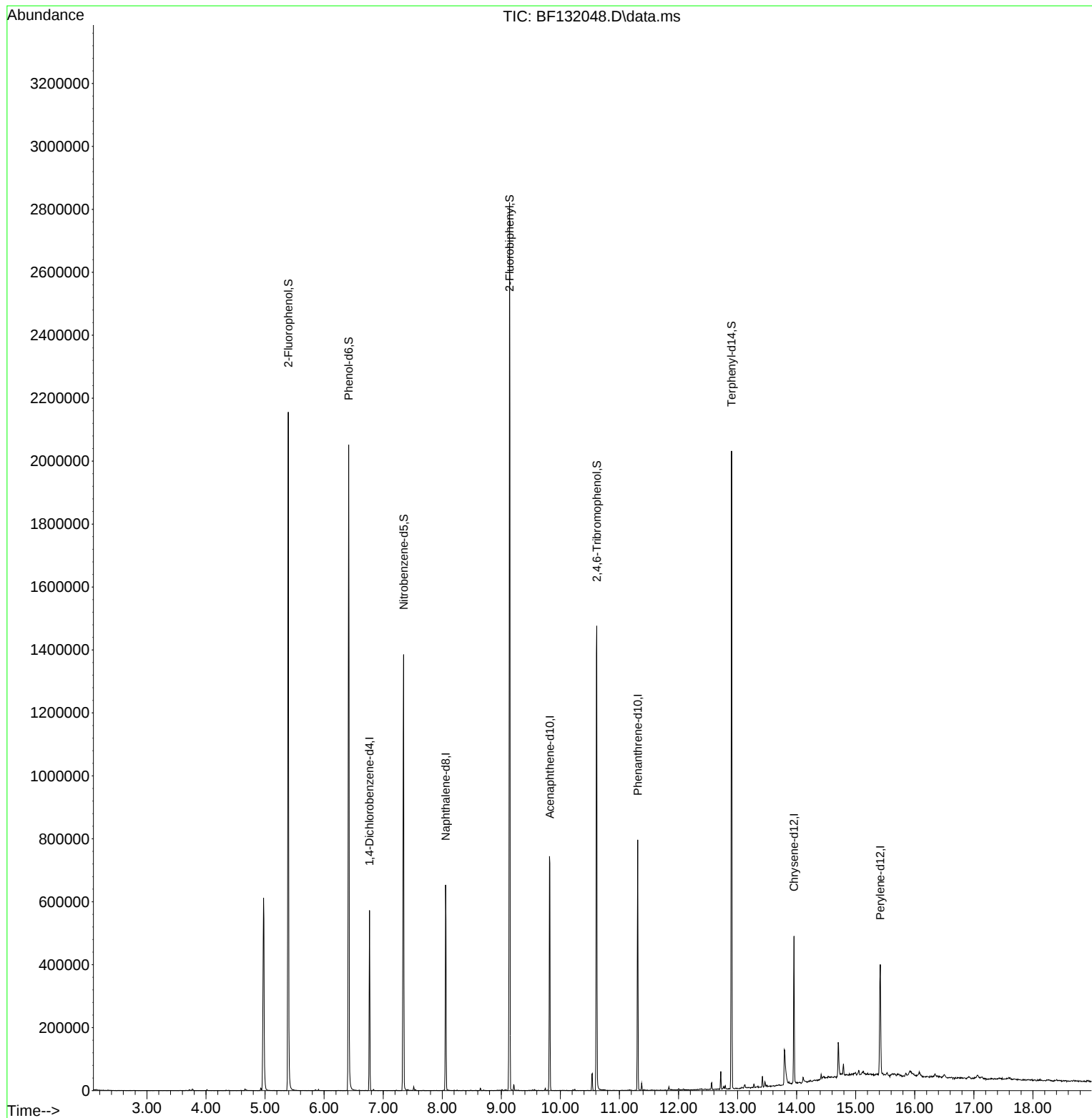
Target Compounds	Qvalue

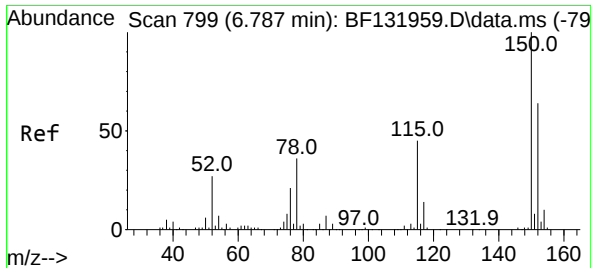
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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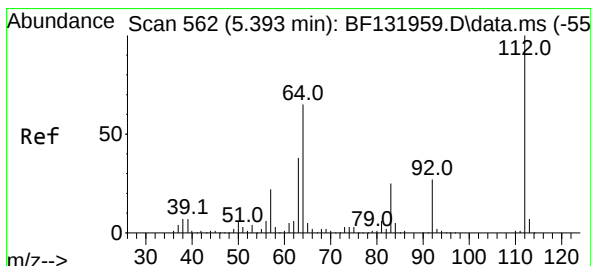
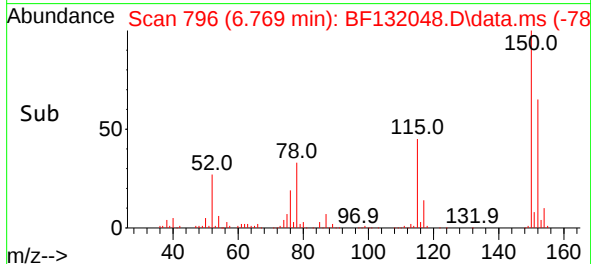
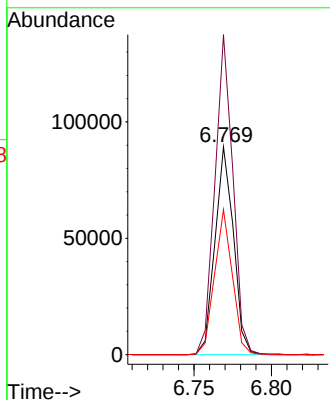
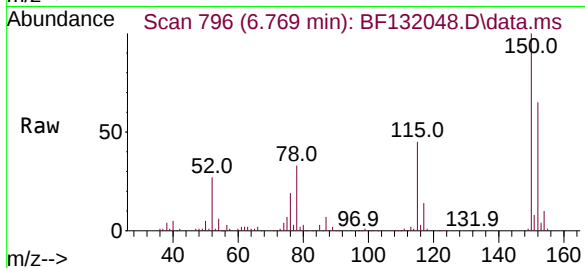




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132048.D
Acq: 12 Jan 2023 18:46

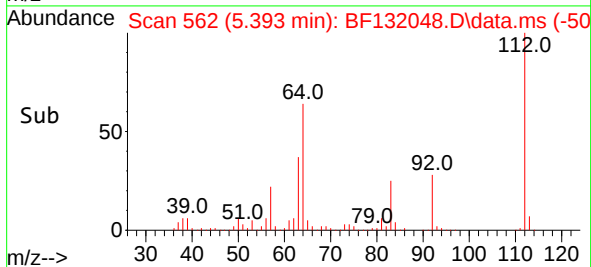
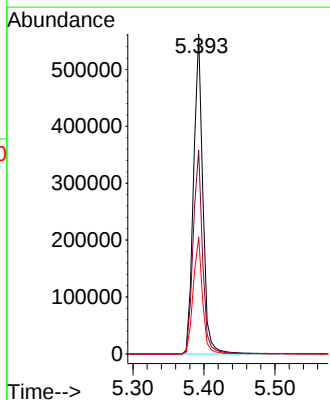
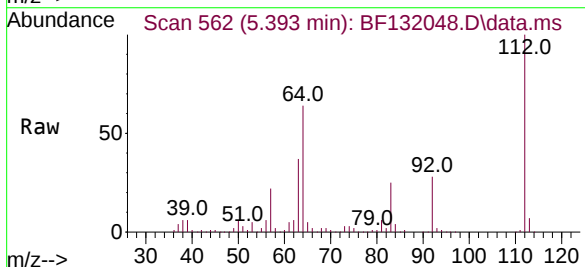
Instrument :
BNA_F
ClientSampleId :
MH-3

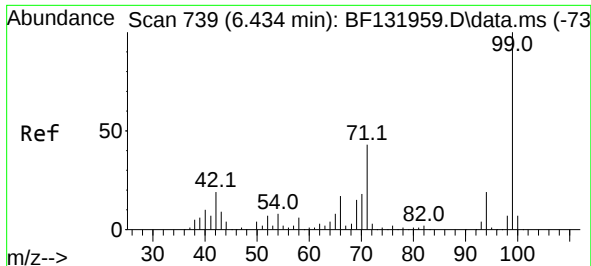
Tgt Ion:152 Resp: 74074
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 69.7 55.6 83.4



#5
2-Fluorophenol
Concen: 113.867 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF132048.D
Acq: 12 Jan 2023 18:46

Tgt Ion:112 Resp: 511875
Ion Ratio Lower Upper
112 100
64 63.8 51.9 77.9
63 36.5 30.2 45.2

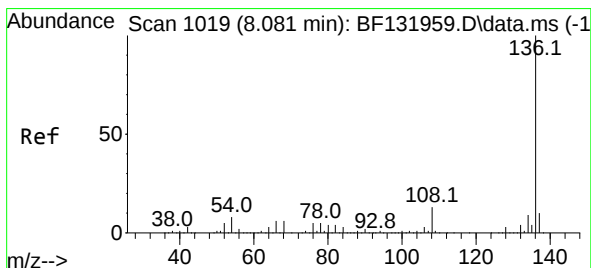
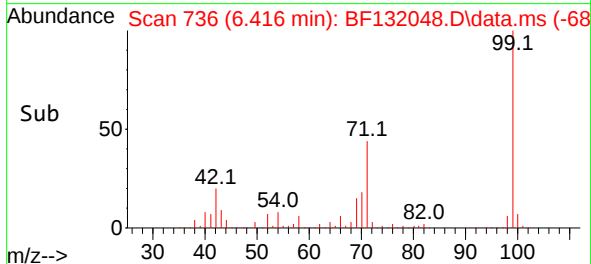
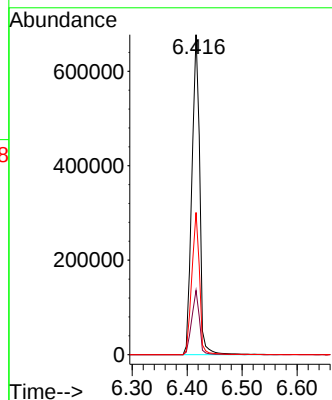
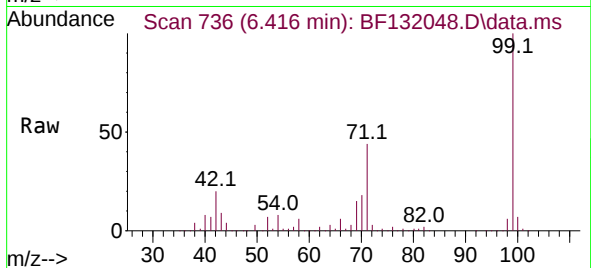




#7
Phenol-d6
Concen: 112.684 ng
RT: 6.416 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF132048.D
Acq: 12 Jan 2023 18:46

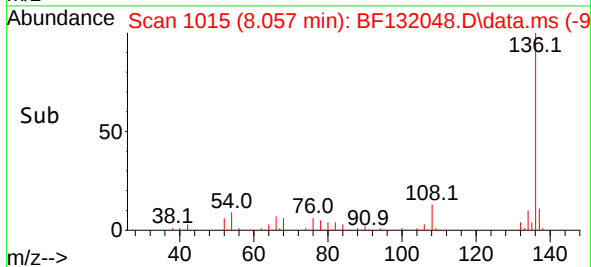
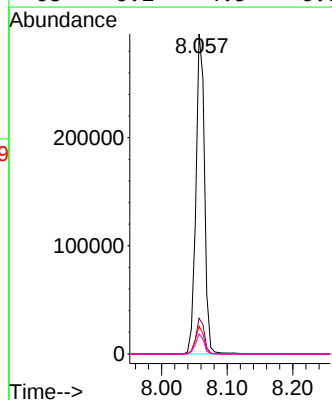
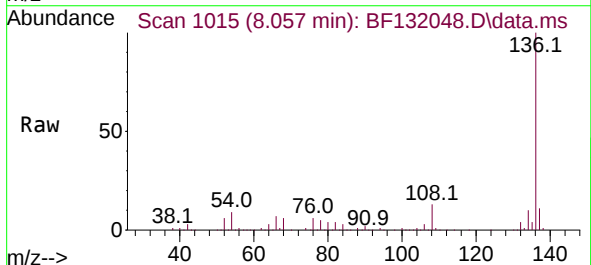
Instrument :
BNA_F
ClientSampleId :
MH-3

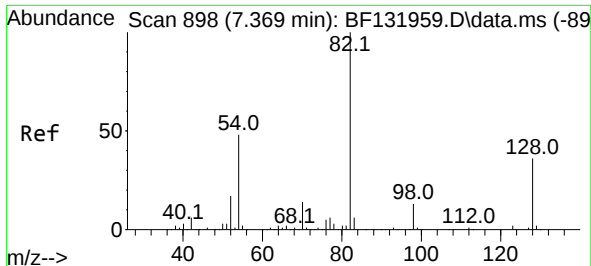
Tgt Ion: 99 Resp: 671634
Ion Ratio Lower Upper
99 100
42 20.1 15.4 23.2
71 44.4 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF132048.D
Acq: 12 Jan 2023 18:46

Tgt Ion: 136 Resp: 269867
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 8.7 6.6 9.8
68 6.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 73.892 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132048.D

Acq: 12 Jan 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MH-3

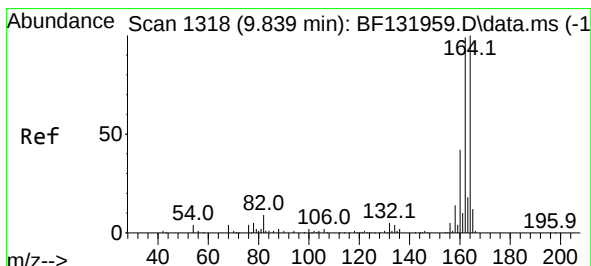
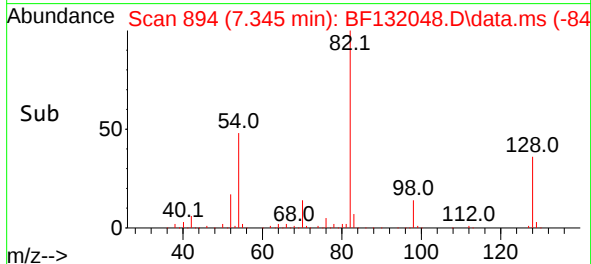
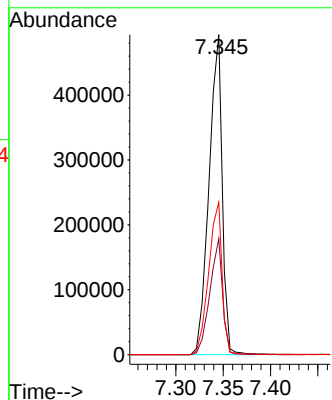
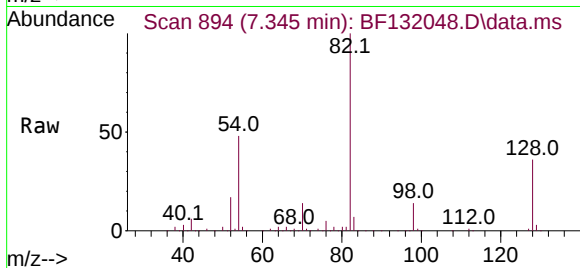
Tgt Ion: 82 Resp: 480468

Ion Ratio Lower Upper

82 100

128 36.2 28.7 43.1

54 47.6 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF132048.D

Acq: 12 Jan 2023 18:46

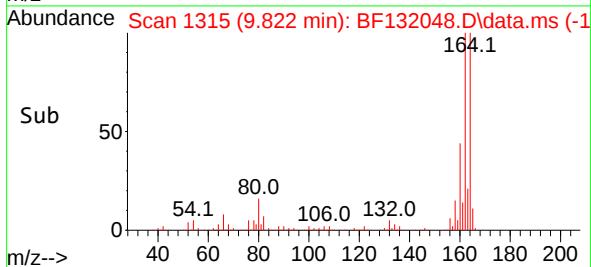
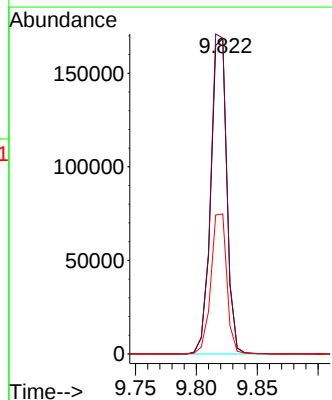
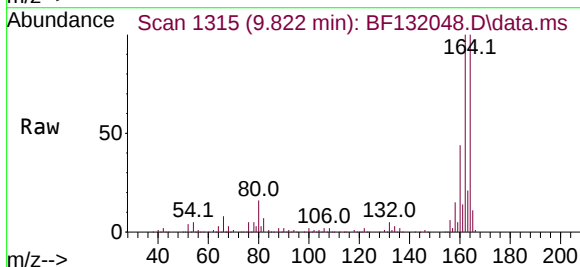
Tgt Ion:164 Resp: 154059

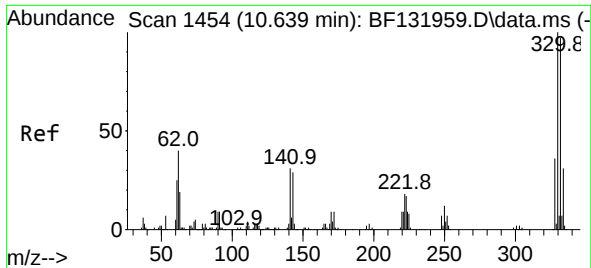
Ion Ratio Lower Upper

164 100

162 100.2 79.4 119.0

160 44.4 33.9 50.9

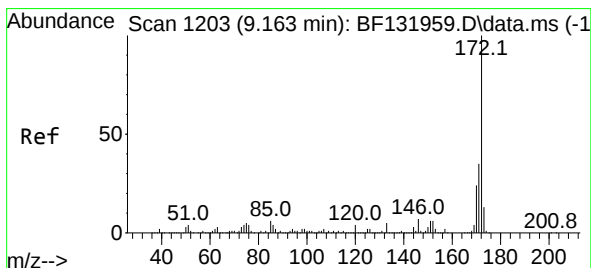
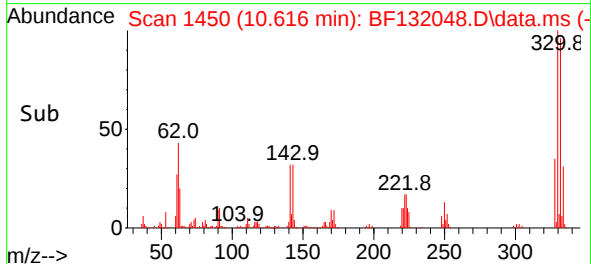
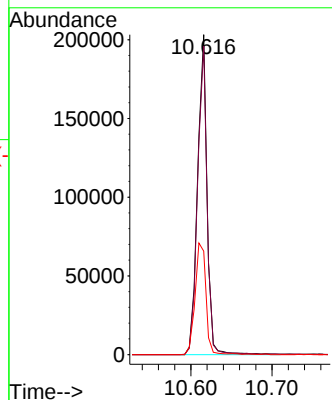
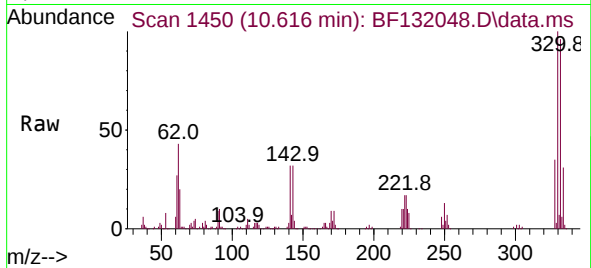




#42
2,4,6-Tribromophenol
Concen: 92.734 ng
RT: 10.616 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF132048.D
Acq: 12 Jan 2023 18:46

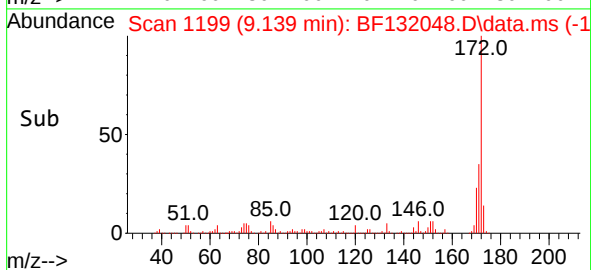
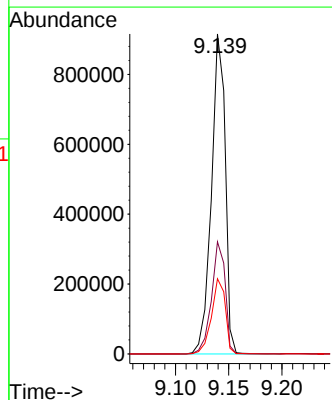
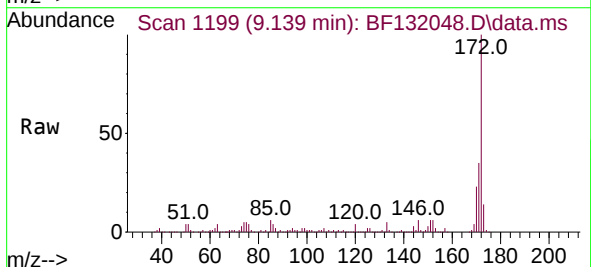
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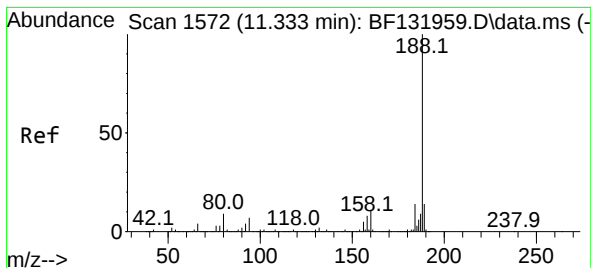
Tgt Ion:330 Resp: 164263
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 40.1 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 72.606 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF132048.D
Acq: 12 Jan 2023 18:46

Tgt Ion:172 Resp: 828590
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.5 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: BF132048.D

Acq: 12 Jan 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MH-3

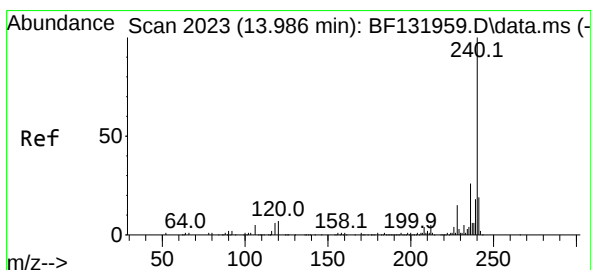
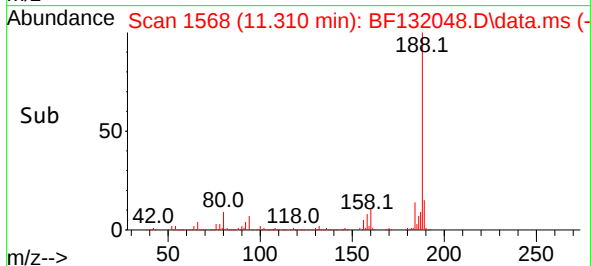
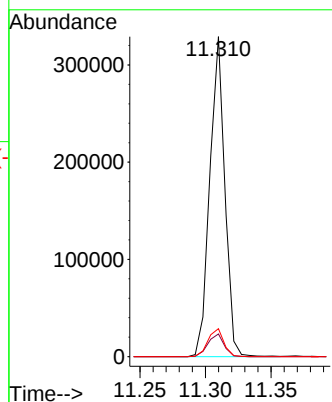
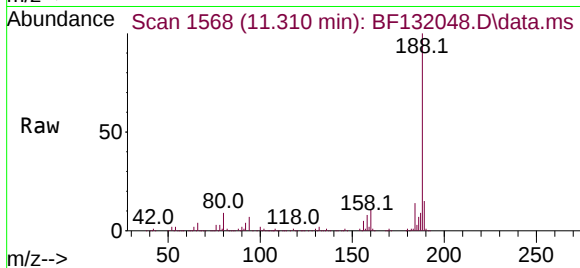
Tgt Ion:188 Resp: 262851

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

80 8.7 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: BF132048.D

Acq: 12 Jan 2023 18:46

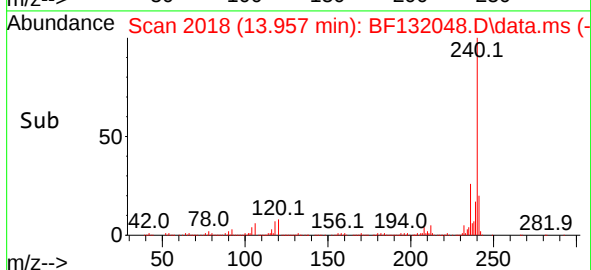
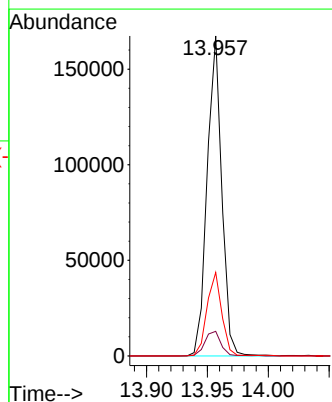
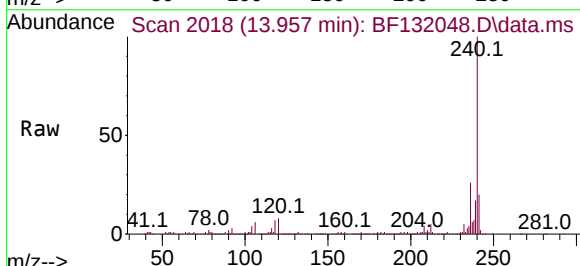
Tgt Ion:240 Resp: 139925

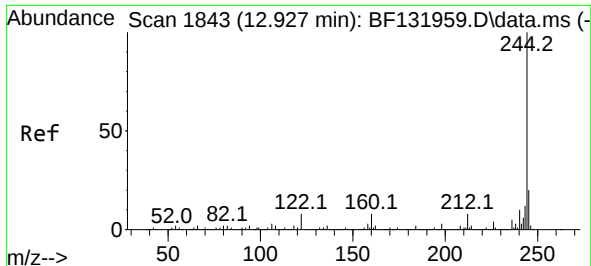
Ion Ratio Lower Upper

240 100

120 7.7 5.4 8.0

236 26.1 21.1 31.7

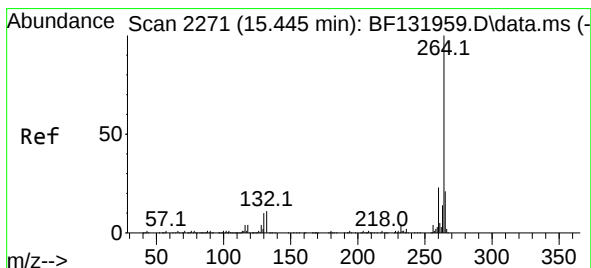
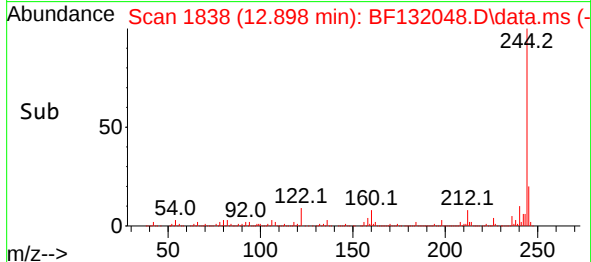
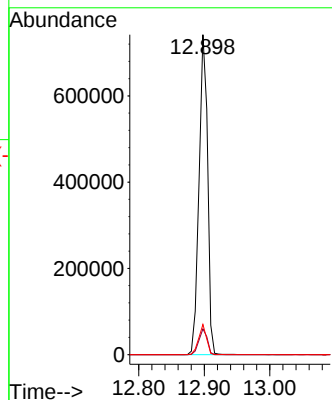
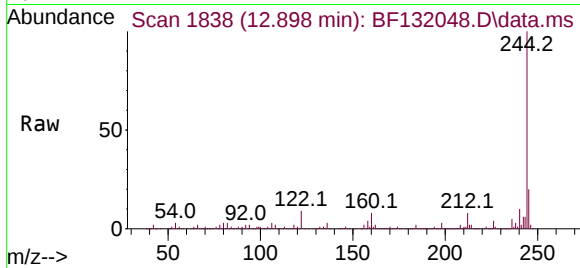




#79
 Terphenyl-d14
 Concen: 68.767 ng
 RT: 12.898 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF132048.D
 Acq: 12 Jan 2023 18:46

Instrument :
 BNA_F
 ClientSampleId :
 MH-3

Tgt Ion:244 Resp: 671350
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 9.4 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: BF132048.D
 Acq: 12 Jan 2023 18:46

Tgt Ion:264 Resp: 150376
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.6 16.9 25.3

