

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF131998.D
 Acq On : 10 Jan 2023 16:13
 Operator : CG\JU
 Sample : 01080-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1-(40-42)

Quant Time: Jan 11 00:36:22 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	73265	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	259482	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	152635	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	292404	20.000	ng	0.00
76) Chrysene-d12	13.974	240	167076	20.000	ng	#-0.01
86) Perylene-d12	15.439	264	131204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	421076	94.703	ng	0.00
7) Phenol-d6	6.428	99	549623	93.232	ng	0.00
23) Nitrobenzene-d5	7.351	82	380765	60.902	ng	-0.02
42) 2,4,6-Tribromophenol	10.627	330	159848	91.083	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	593530	52.494	ng	-0.01
79) Terphenyl-d14	12.916	244	603739	51.792	ng	-0.01

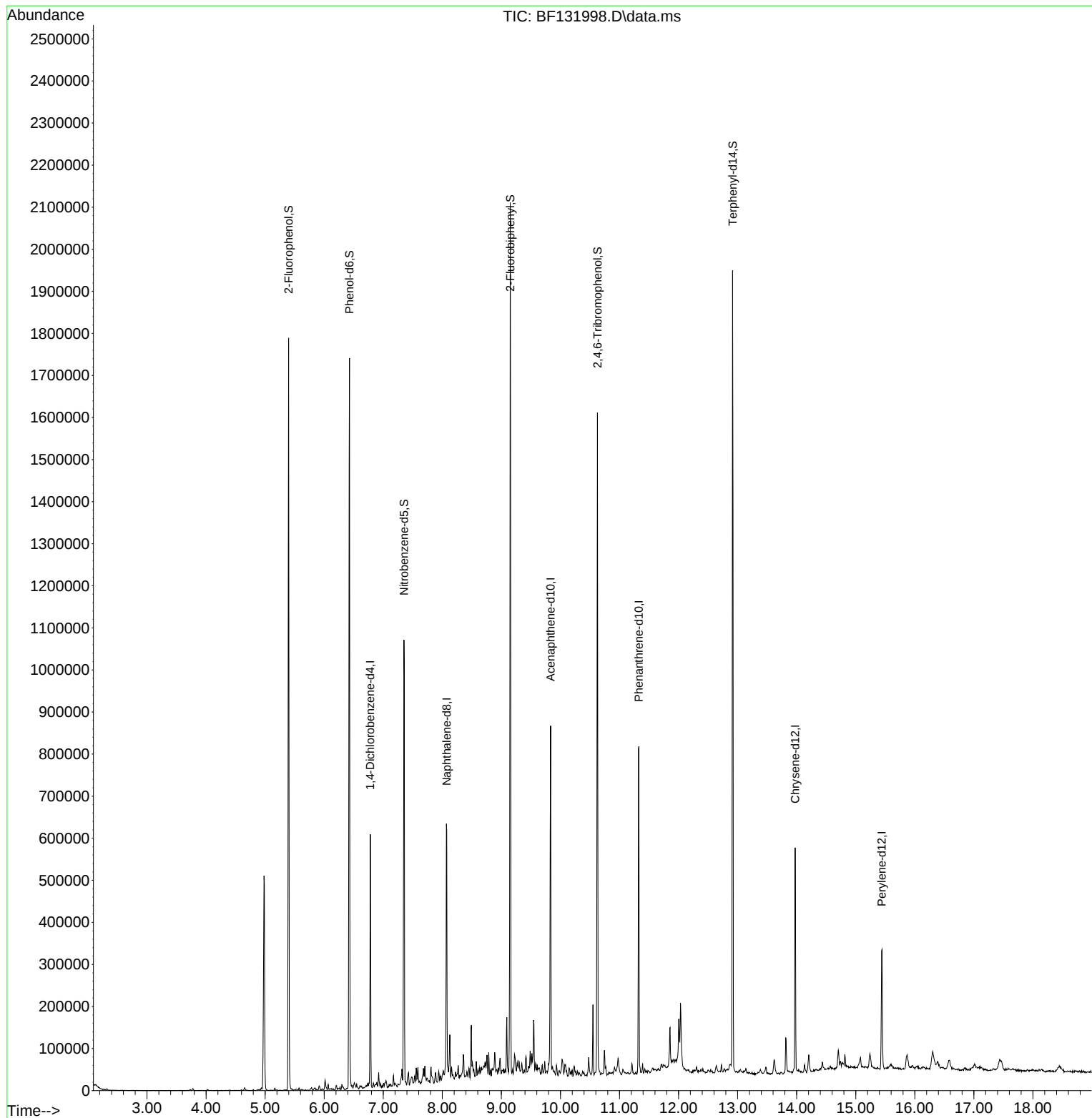
Target Compounds	Qvalue

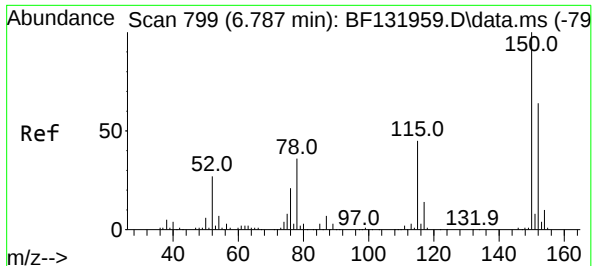
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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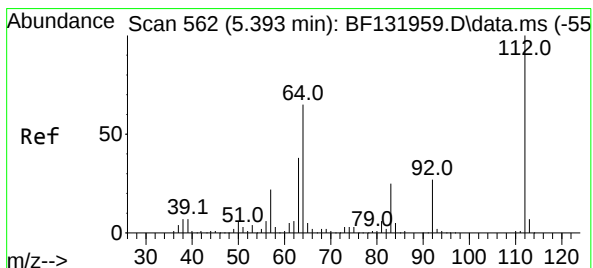
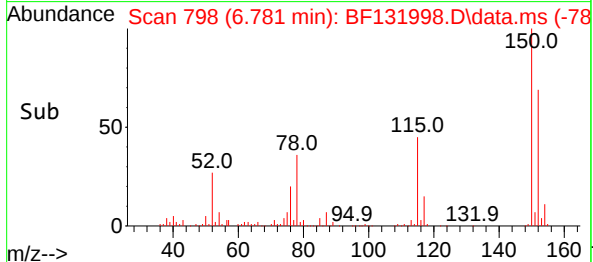
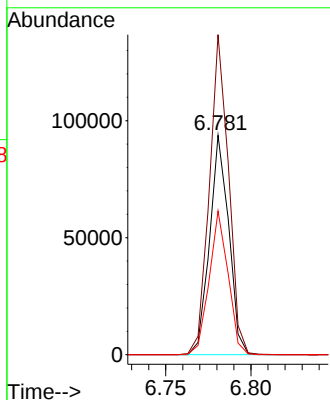
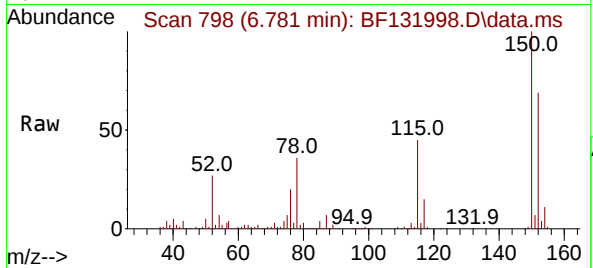




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF131998.D
 Acq: 10 Jan 2023 16:13

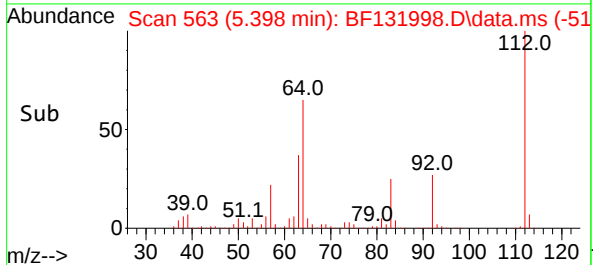
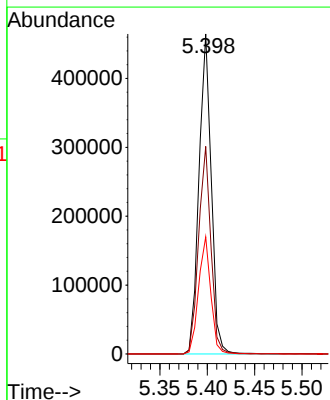
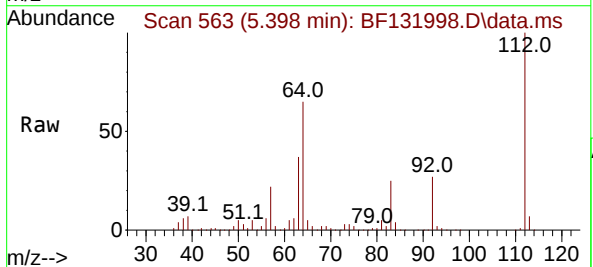
Instrument :
 BNA_F
 ClientSampleId :
 B-1-(40-42)

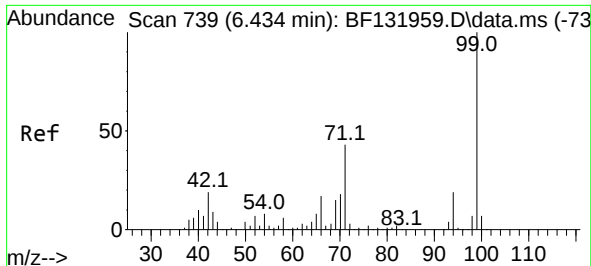
Tgt Ion:152 Resp: 73265
 Ion Ratio Lower Upper
 152 100
 150 145.8 124.6 186.8
 115 65.5 55.6 83.4



#5
 2-Fluorophenol
 Concen: 94.703 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: BF131998.D
 Acq: 10 Jan 2023 16:13

Tgt Ion:112 Resp: 421076
 Ion Ratio Lower Upper
 112 100
 64 64.9 51.9 77.9
 63 36.6 30.2 45.2

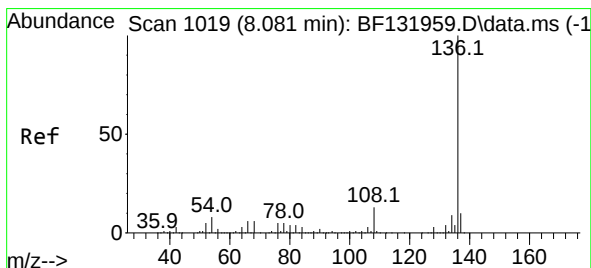
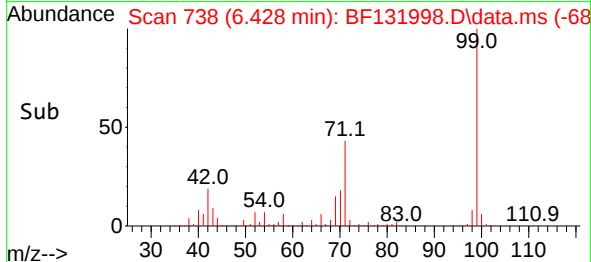
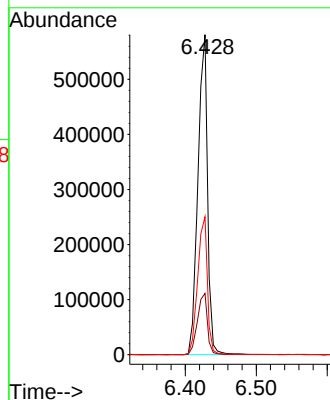
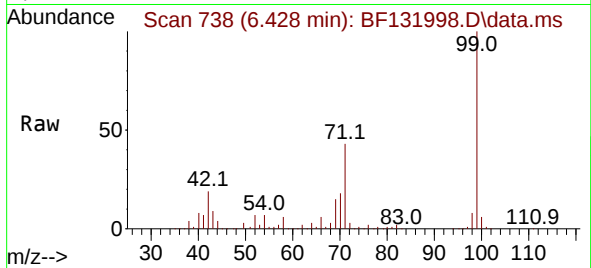




#7
Phenol-d6
Concen: 93.232 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131998.D
Acq: 10 Jan 2023 16:13

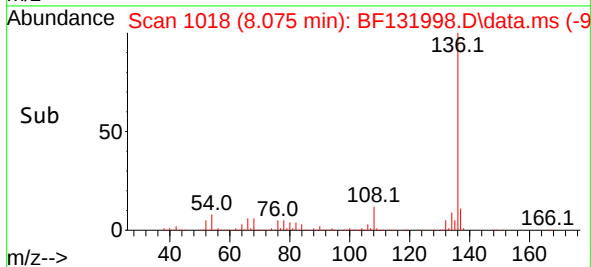
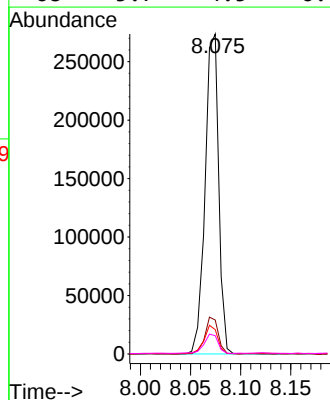
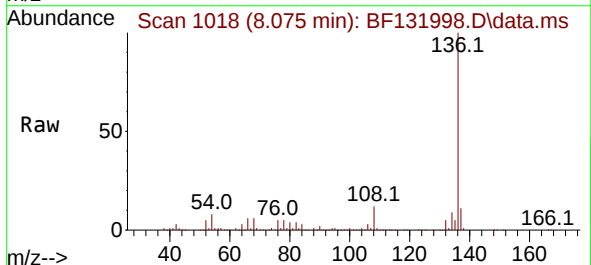
Instrument :
BNA_F
ClientSampleId :
B-1-(40-42)

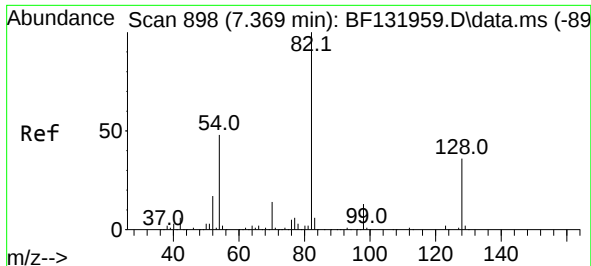
Tgt Ion: 99 Resp: 549623
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.2
71 43.1 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF131998.D
Acq: 10 Jan 2023 16:13

Tgt Ion: 136 Resp: 259482
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 7.6 6.6 9.8
68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 60.902 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF131998.D

Acq: 10 Jan 2023 16:13

Instrument :

BNA_F

ClientSampleId :

B-1-(40-42)

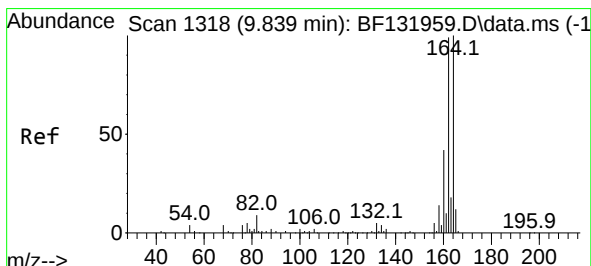
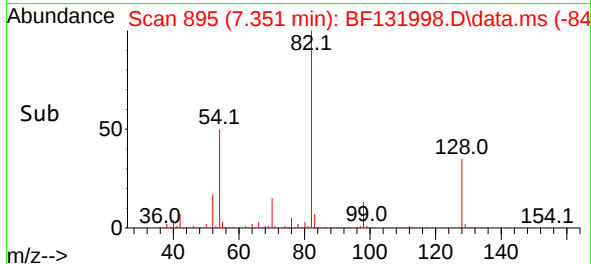
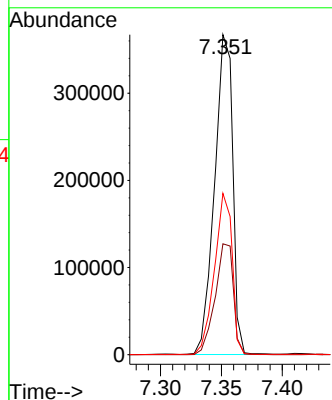
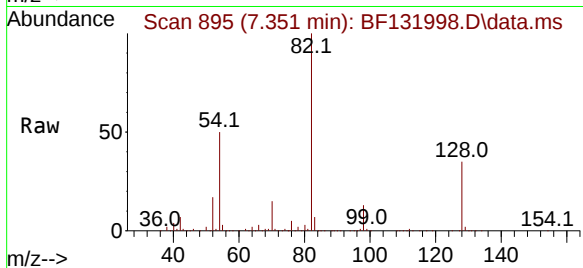
Tgt Ion: 82 Resp: 380765

Ion Ratio Lower Upper

82 100

128 34.6 28.7 43.1

54 50.4 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF131998.D

Acq: 10 Jan 2023 16:13

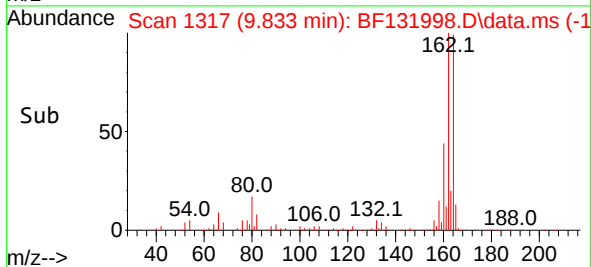
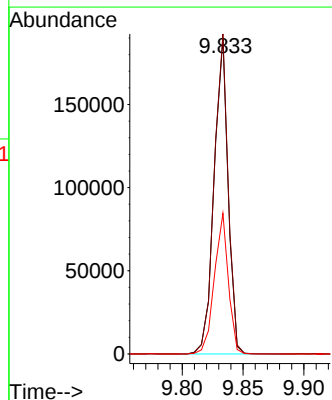
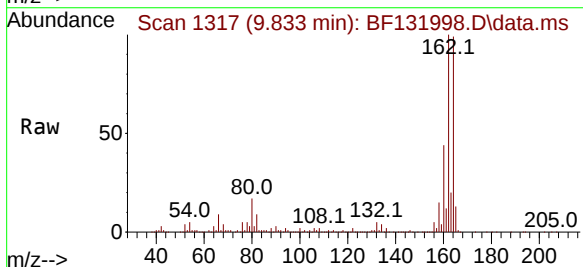
Tgt Ion:164 Resp: 152635

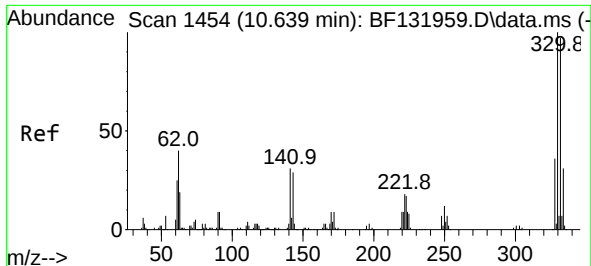
Ion Ratio Lower Upper

164 100

162 101.2 79.4 119.0

160 44.5 33.9 50.9

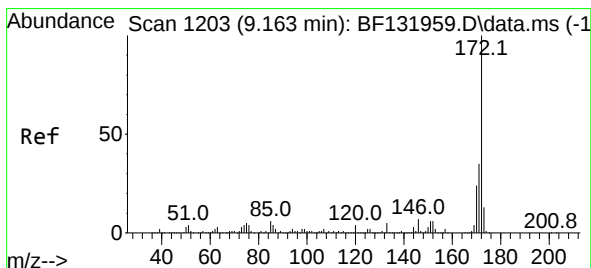
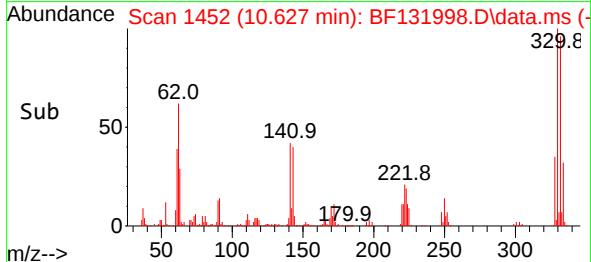
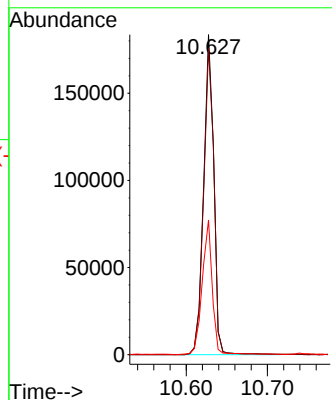
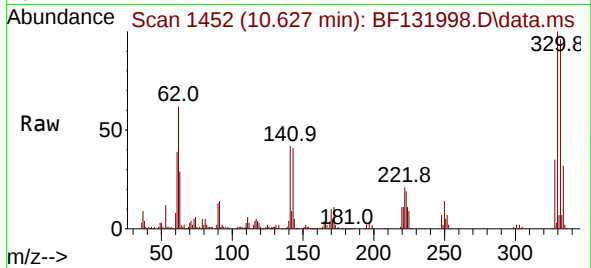




#42
2,4,6-Tribromophenol
Concen: 91.083 ng
RT: 10.627 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF131998.D
Acq: 10 Jan 2023 16:13

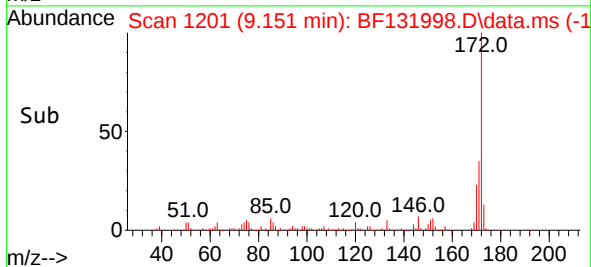
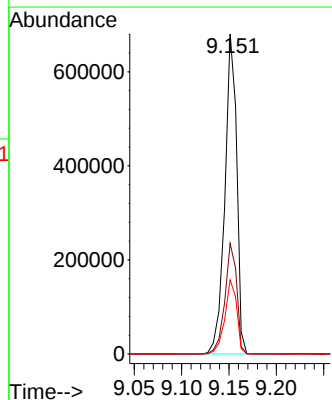
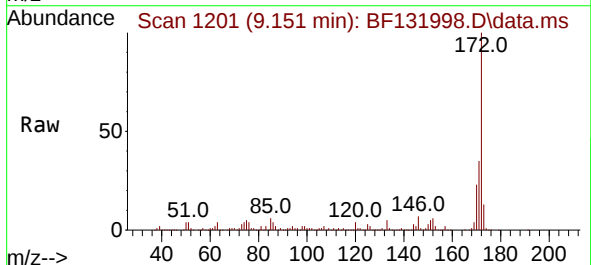
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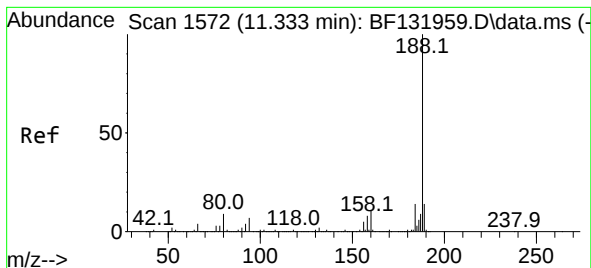
Tgt Ion: 330 Resp: 159848
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 42.1 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 52.494 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF131998.D
Acq: 10 Jan 2023 16:13

Tgt Ion: 172 Resp: 593530
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131998.D

Acq: 10 Jan 2023 16:13

Instrument :

BNA_F

ClientSampleId :

B-1-(40-42)

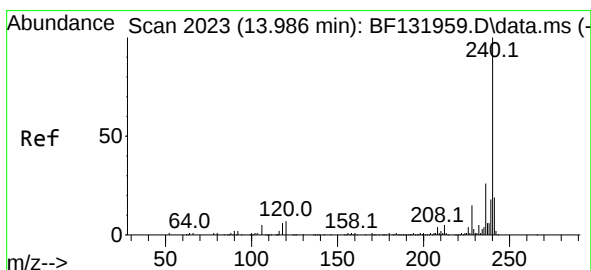
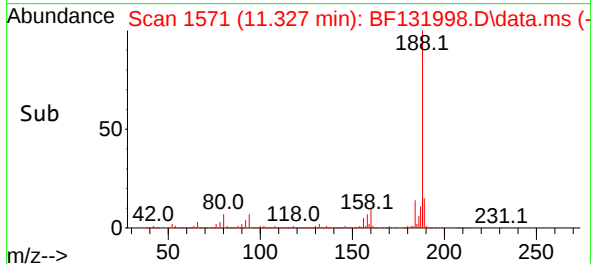
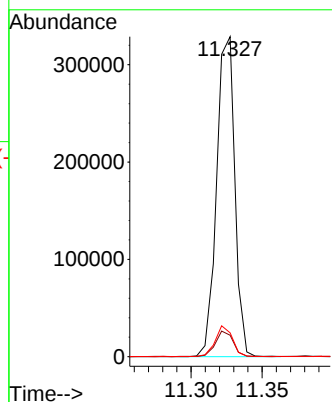
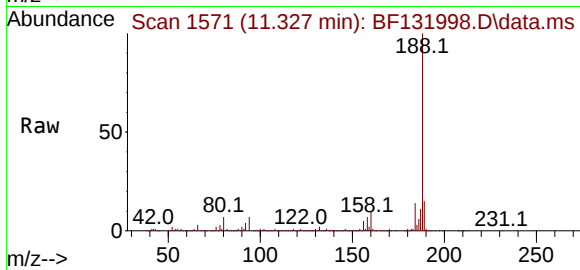
Tgt Ion:188 Resp: 292404

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

80 7.4 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: BF131998.D

Acq: 10 Jan 2023 16:13

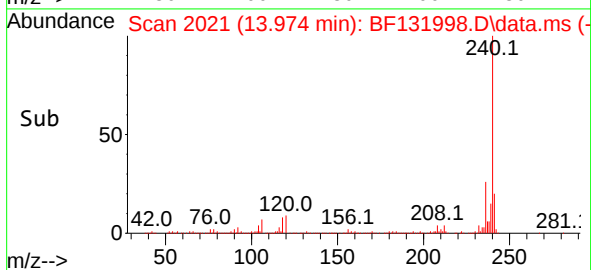
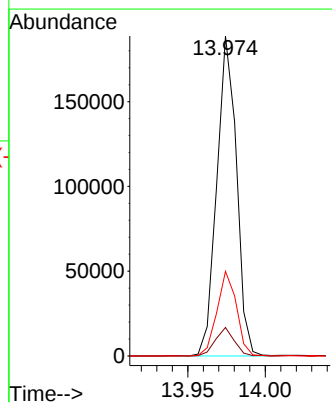
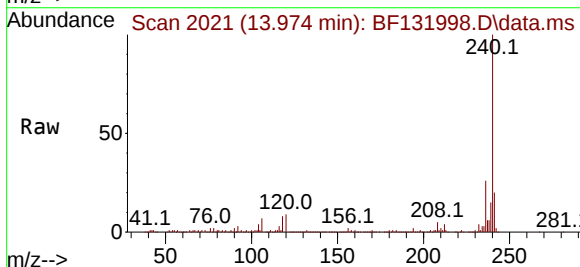
Tgt Ion:240 Resp: 167076

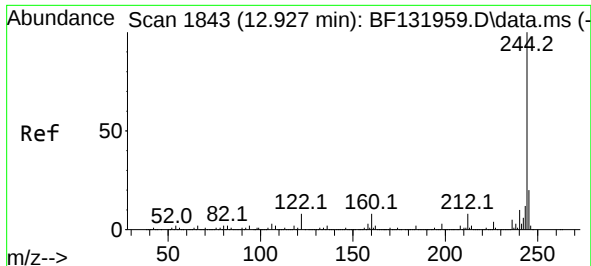
Ion Ratio Lower Upper

240 100

120 8.9 5.4 8.0#

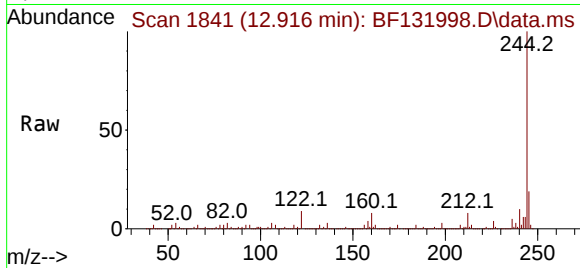
236 26.5 21.1 31.7



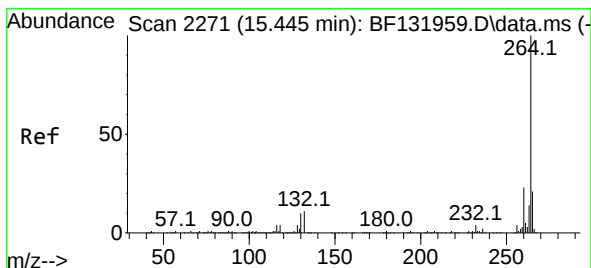
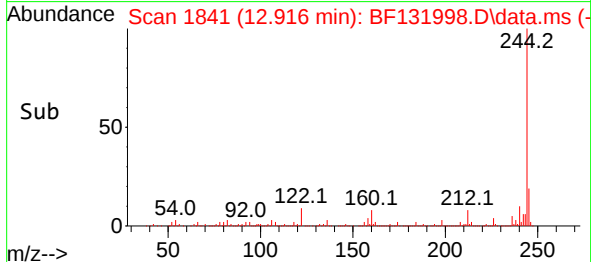
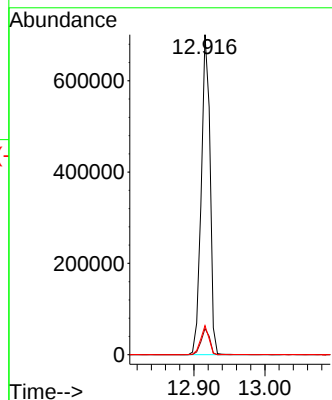


#79
 Terphenyl-d14
 Concen: 51.792 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF131998.D
 Acq: 10 Jan 2023 16:13

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Tgt Ion:244 Resp: 603739
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 9.1 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: BF131998.D
 Acq: 10 Jan 2023 16:13

Tgt Ion:264 Resp: 131204
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.3 27.5
 265 21.2 16.9 25.3

