

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131596.D
 Acq On : 12 Dec 2022 17:03
 Operator : CG\JU
 Sample : N5999-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-20

Quant Time: Dec 13 04:16:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 04:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	54992	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	197354	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	117353	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	224307	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	120983	20.000	ng	0.00
86) Perylene-d12	15.609	264	122047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	514006	155.933	ng	0.00
7) Phenol-d6	6.528	99	662178	153.296	ng	0.00
23) Nitrobenzene-d5	7.457	82	463450	88.782	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	201270	154.369	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	782783	84.104	ng	0.00
79) Terphenyl-d14	13.039	244	821049	93.070	ng	0.00

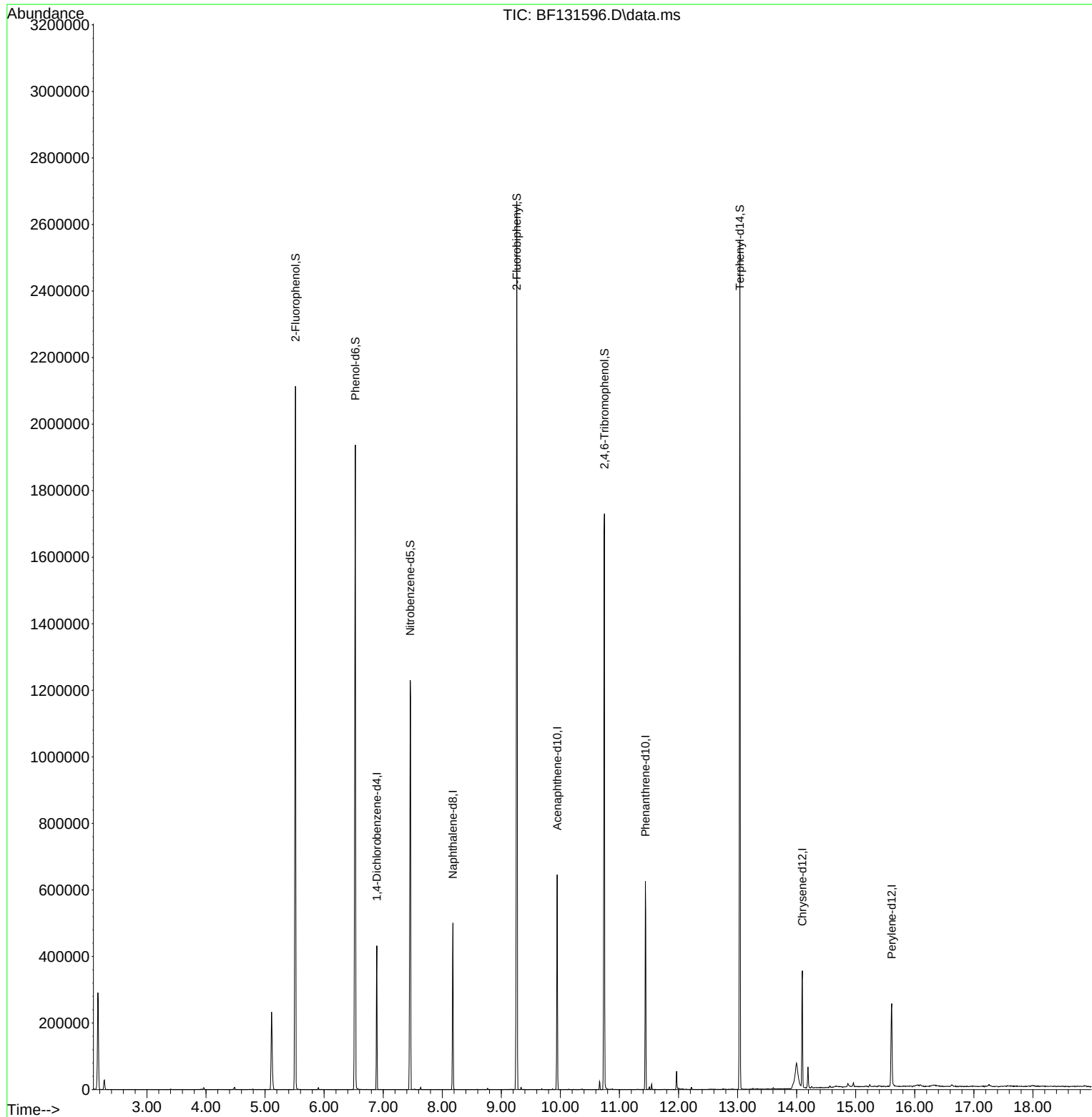
Target Compounds	Qvalue

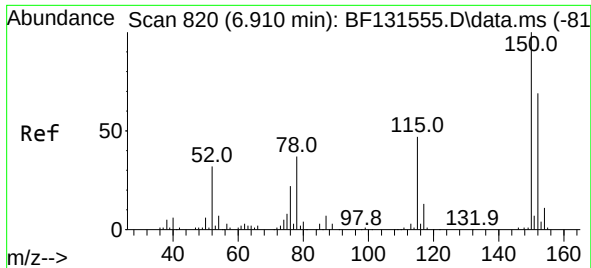
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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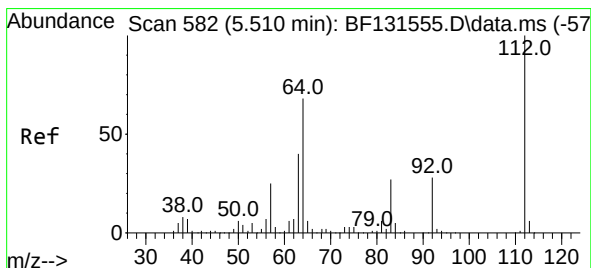
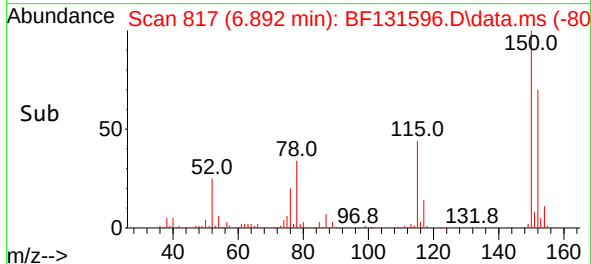
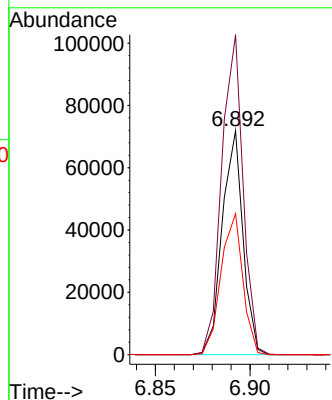
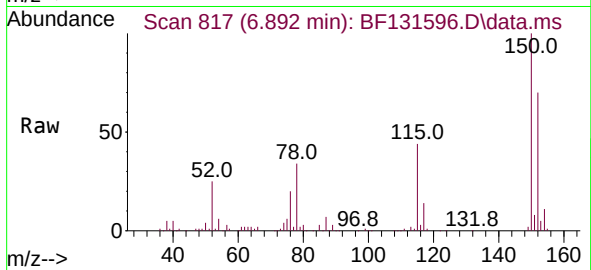




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

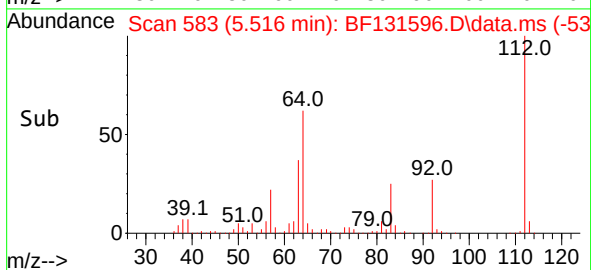
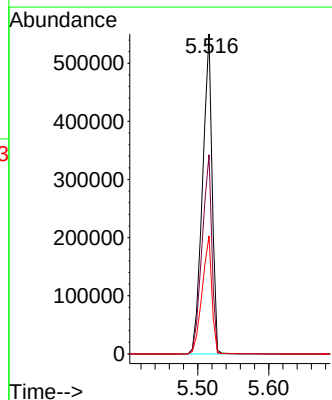
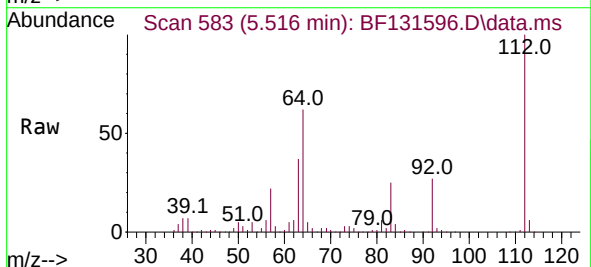
Instrument :
BNA_F
ClientSampleId :
MH-20

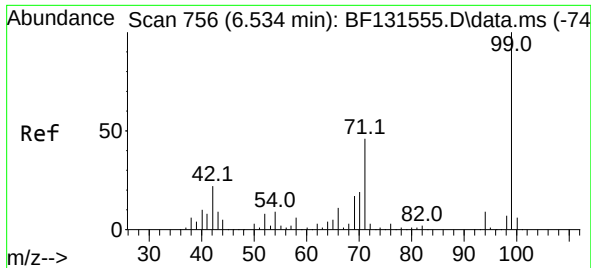
Tgt Ion:152 Resp: 54992
Ion Ratio Lower Upper
152 100
150 142.9 116.7 175.1
115 63.0 54.6 82.0



#5
2-Fluorophenol
Concen: 155.933 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

Tgt Ion:112 Resp: 514006
Ion Ratio Lower Upper
112 100
64 62.2 54.5 81.7
63 36.9 31.9 47.9

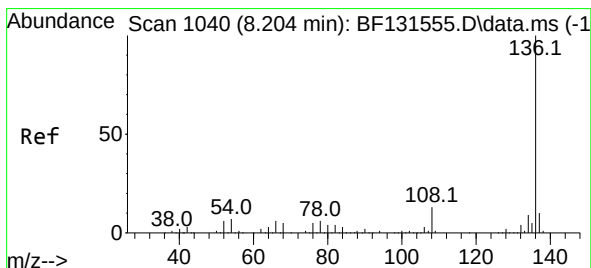
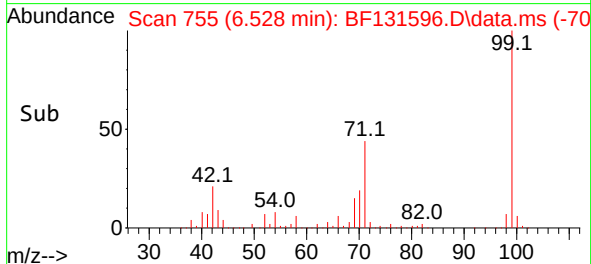
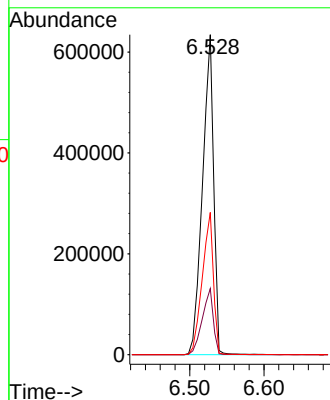
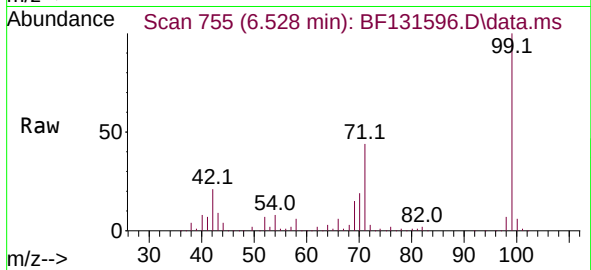




#7
Phenol-d6
Concen: 153.296 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

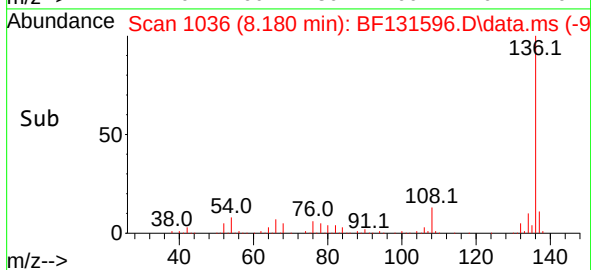
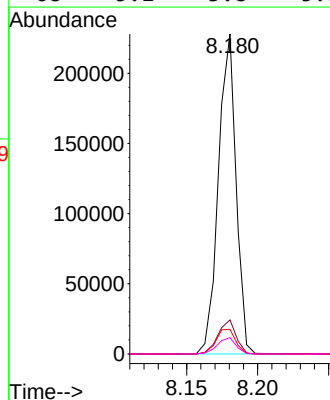
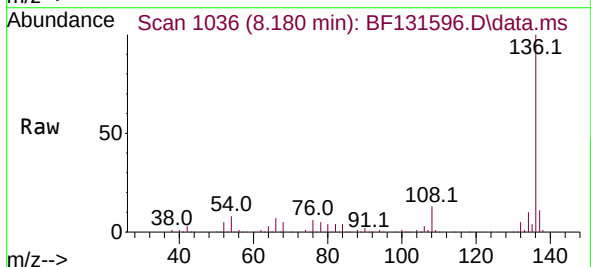
Instrument :
BNA_F
ClientSampleId :
MH-20

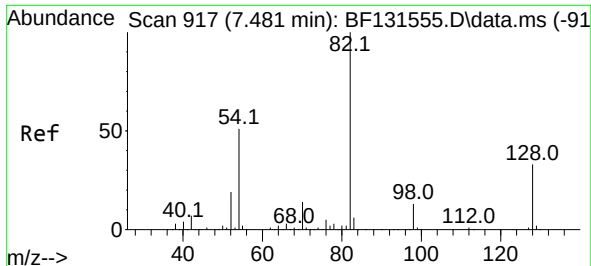
Tgt Ion: 99 Resp: 662178
Ion Ratio Lower Upper
99 100
42 20.6 17.9 26.9
71 44.4 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131596.D
Acq: 12 Dec 2022 17:03

Tgt Ion: 136 Resp: 197354
Ion Ratio Lower Upper
136 100
137 10.6 8.1 12.1
54 7.7 6.0 9.0
68 5.1 3.8 5.8





#23

Nitrobenzene-d5

Concen: 88.782 ng

RT: 7.457 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131596.D

Acq: 12 Dec 2022 17:03

Instrument :

BNA_F

ClientSampleId :

MH-20

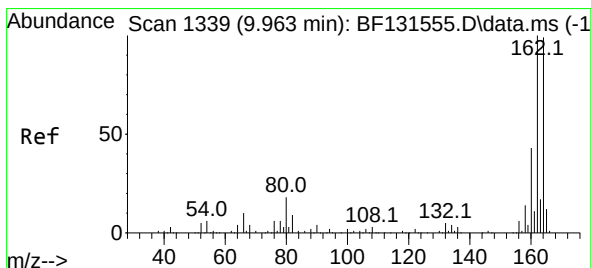
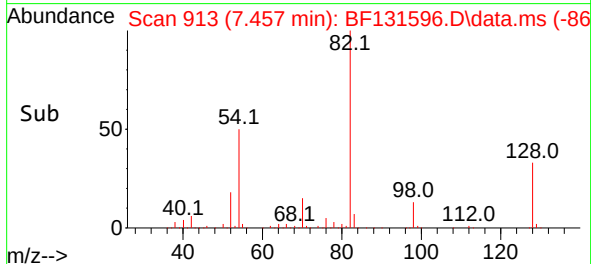
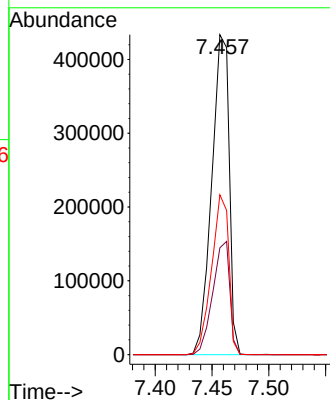
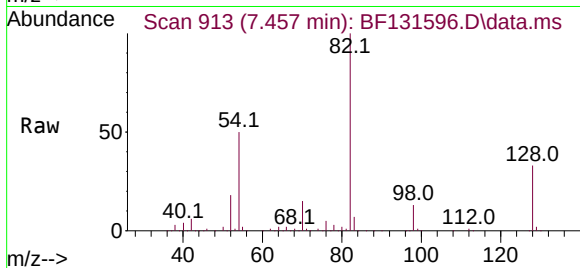
Tgt Ion: 82 Resp: 463450

Ion Ratio Lower Upper

82 100

128 33.4 26.1 39.1

54 49.9 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF131596.D

Acq: 12 Dec 2022 17:03

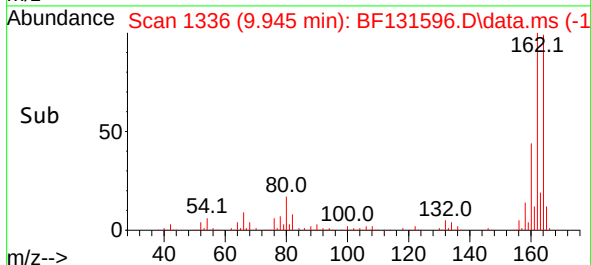
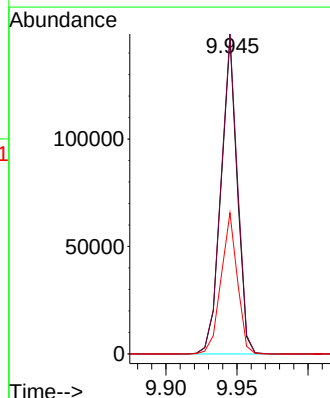
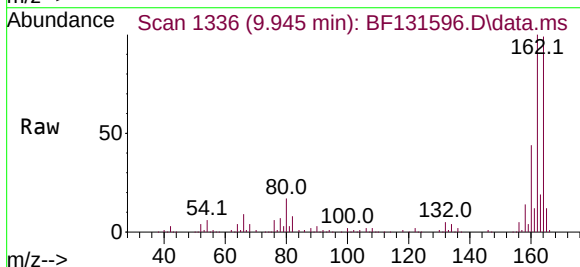
Tgt Ion:164 Resp: 117353

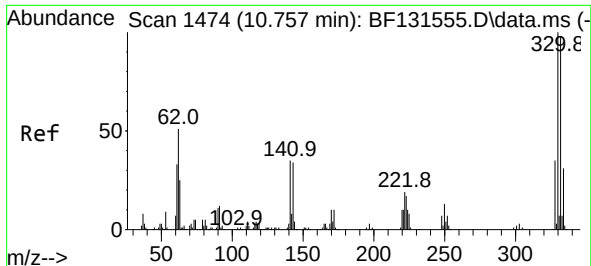
Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.6

160 44.6 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 154.369 ng

RT: 10.745 min Scan# 1474

Delta R.T. -0.006 min

Lab File: BF131596.D

Acq: 12 Dec 2022 17:03

Instrument :

BNA_F

ClientSampleId :

MH-20

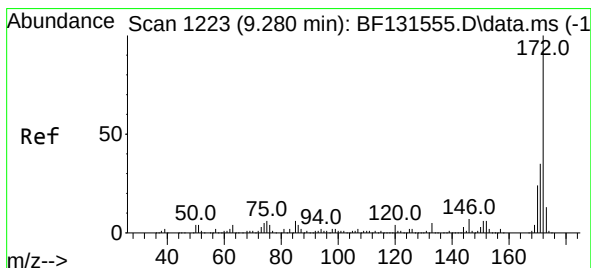
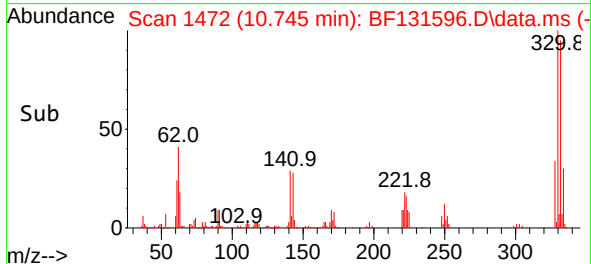
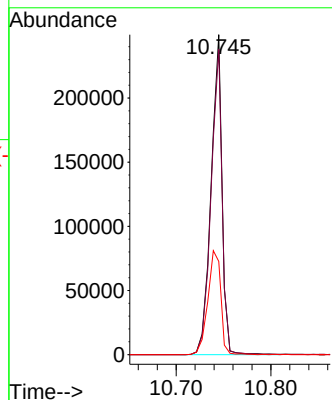
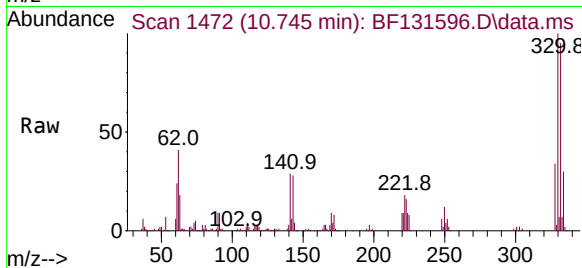
Tgt Ion:330 Resp: 201270

Ion Ratio Lower Upper

330 100

332 96.5 78.3 117.5

141 38.4 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 84.104 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131596.D

Acq: 12 Dec 2022 17:03

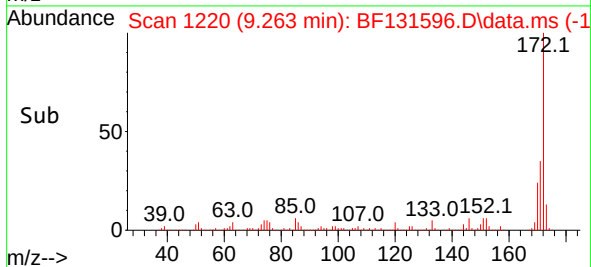
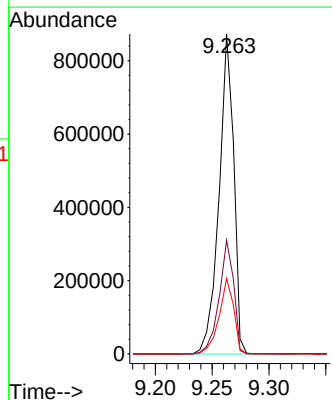
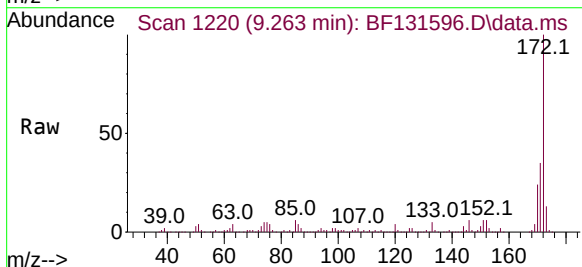
Tgt Ion:172 Resp: 782783

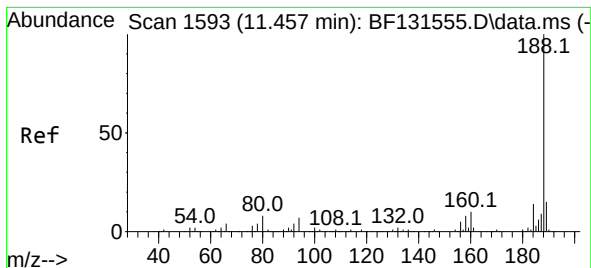
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131596.D

Acq: 12 Dec 2022 17:03

Instrument :

BNA_F

ClientSampleId :

MH-20

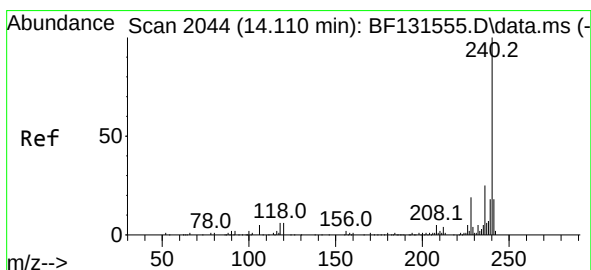
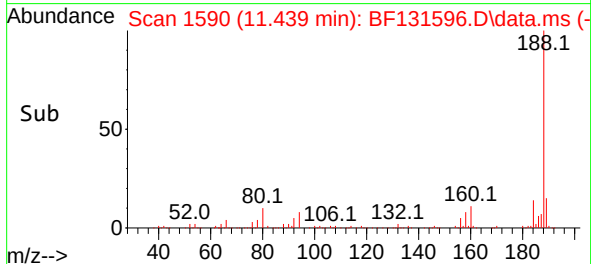
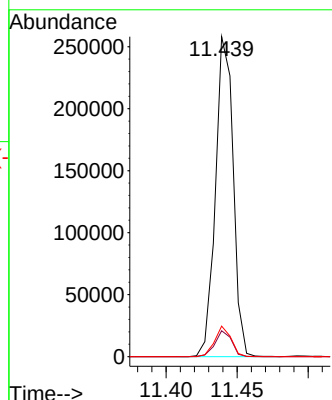
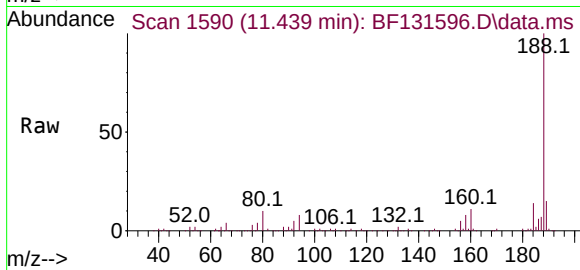
Tgt Ion:188 Resp: 224307

Ion Ratio Lower Upper

188 100

94 8.1 5.5 8.3

80 9.5 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BF131596.D

Acq: 12 Dec 2022 17:03

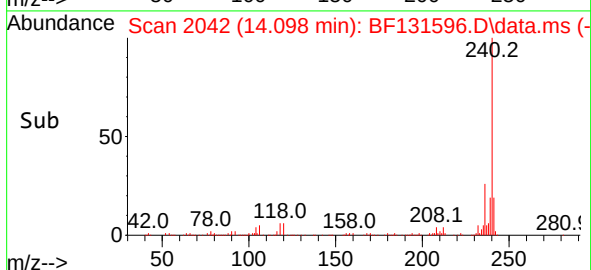
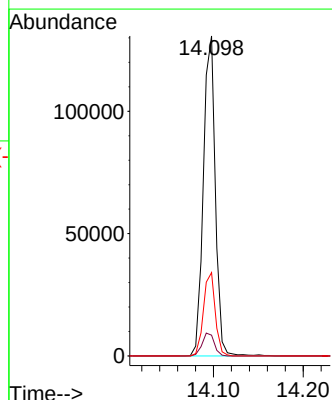
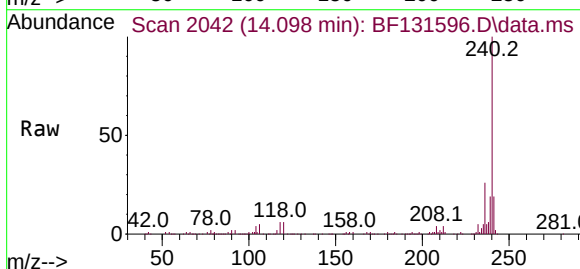
Tgt Ion:240 Resp: 120983

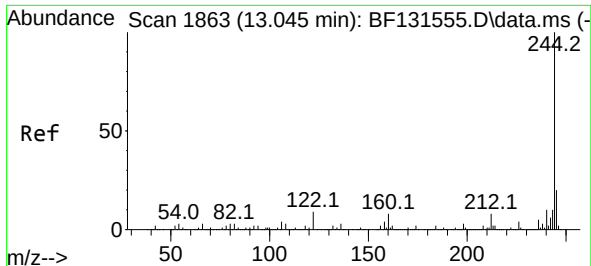
Ion Ratio Lower Upper

240 100

120 6.5 4.6 7.0

236 26.1 20.2 30.2

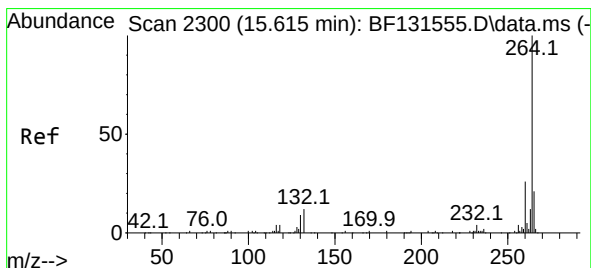
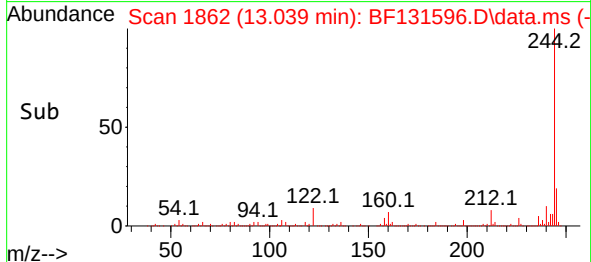
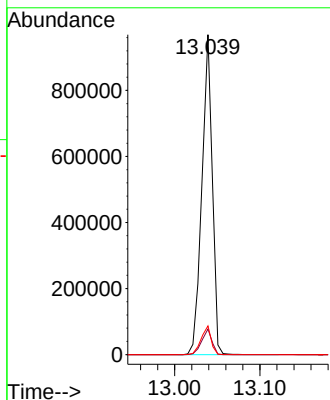
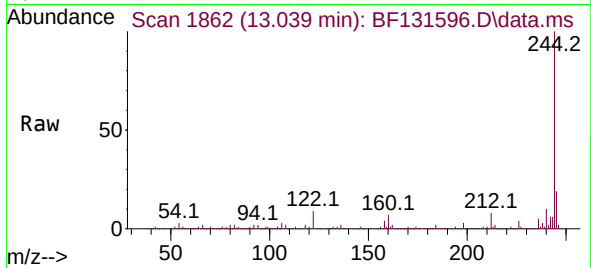




#79
 Terphenyl-d14
 Concen: 93.070 ng
 RT: 13.039 min Scan# 1862
 Delta R.T. -0.006 min
 Lab File: BF131596.D
 Acq: 12 Dec 2022 17:03

Instrument :
 BNA_F
 ClientSampleId :
 MH-20

Tgt Ion:244 Resp: 821049
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.0 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.609 min Scan# 2299
 Delta R.T. -0.006 min
 Lab File: BF131596.D
 Acq: 12 Dec 2022 17:03

Tgt Ion:264 Resp: 122047
 Ion Ratio Lower Upper
 264 100
 260 22.6 20.6 30.8
 265 20.2 16.8 25.2

