

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134896.D
 Acq On : 23 Aug 2023 10:50
 Operator : CG\JU
 Sample : 04091-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-F

Quant Time: Aug 24 04:23:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	243605	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	960134	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	516013	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	979382	20.000	ng	0.00
76) Chrysene-d12	13.974	240	587640	20.000	ng	0.00
86) Perylene-d12	15.451	264	569235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	534618	34.996	ng	0.00
7) Phenol-d6	6.428	99	683460	35.013	ng	-0.01
23) Nitrobenzene-d5	7.351	82	411869	23.638	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	228291	37.564	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	785296	23.526	ng	0.00
79) Terphenyl-d14	12.922	244	919241	21.515	ng	0.00

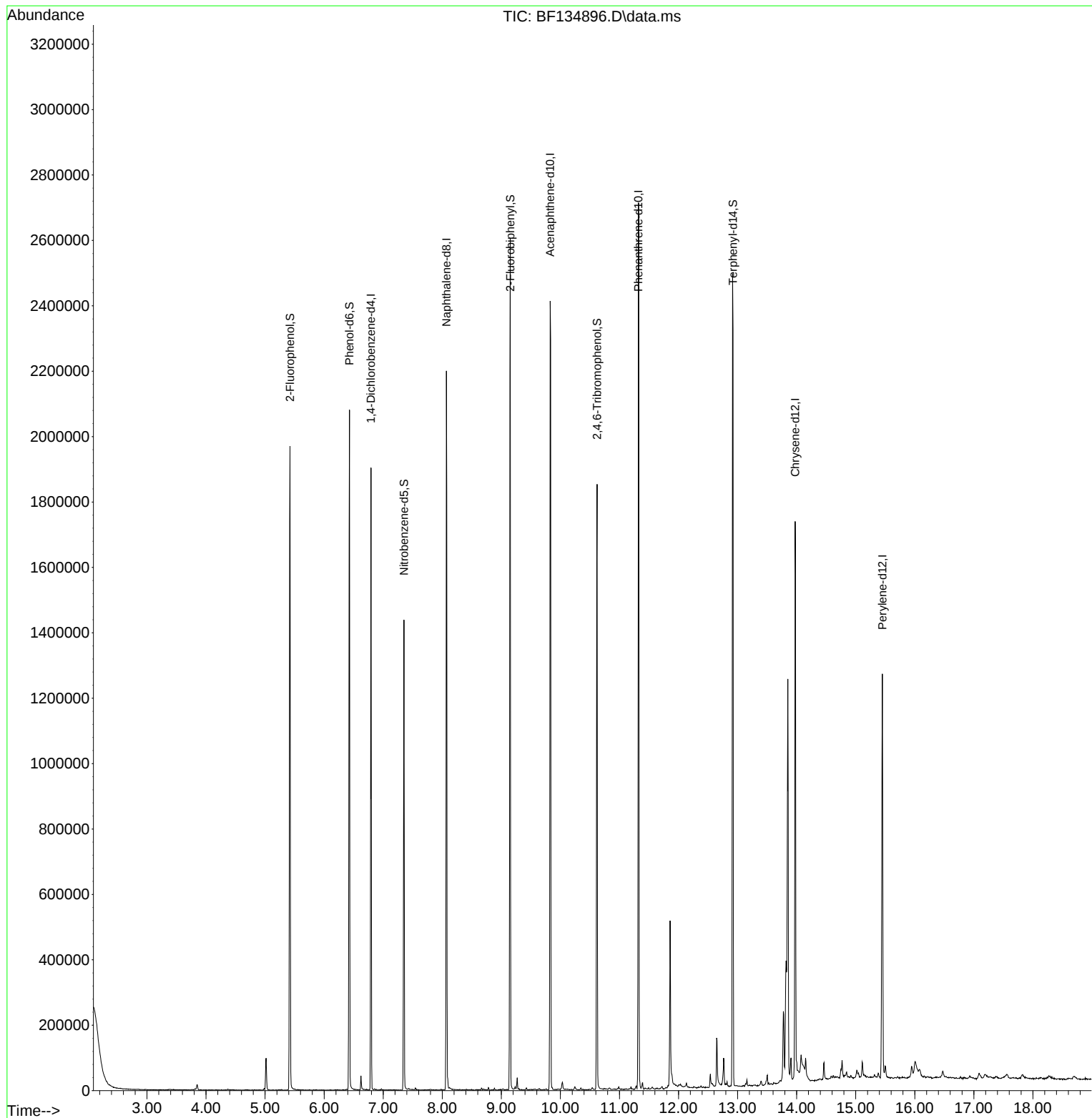
Target Compounds	Qvalue

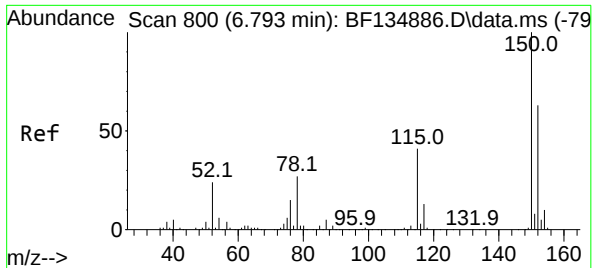
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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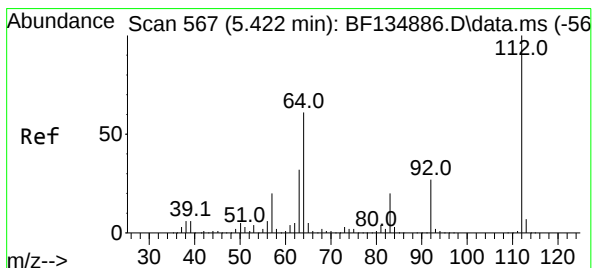
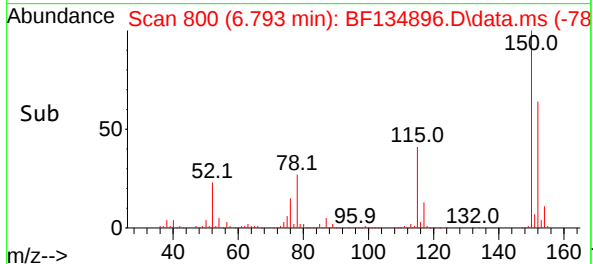
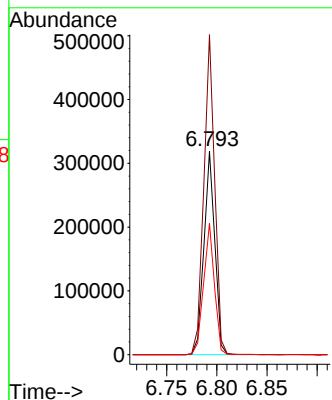
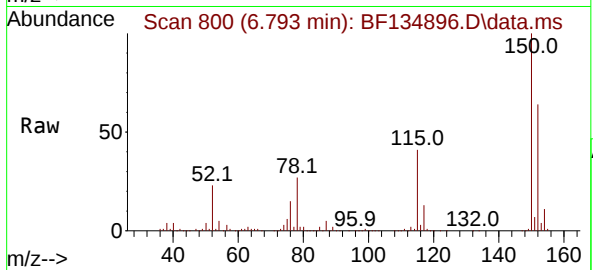




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF134896.D
Acq: 23 Aug 2023 10:50

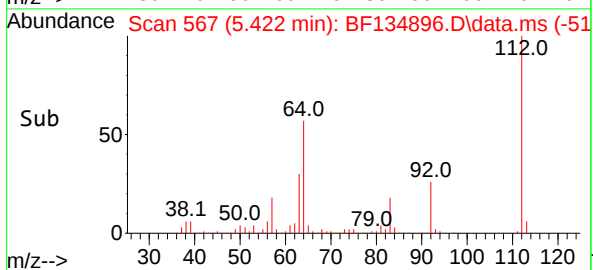
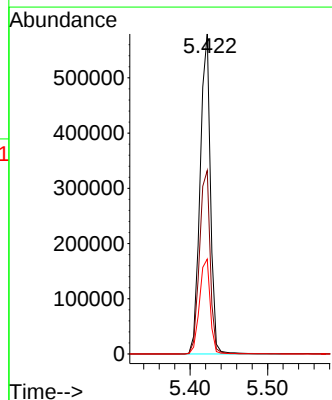
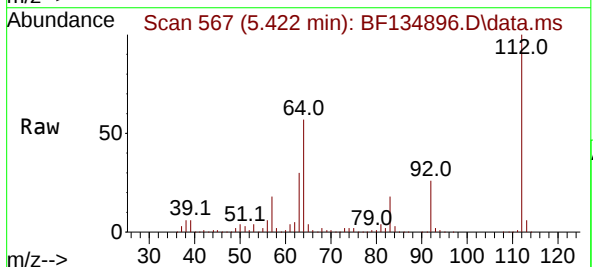
Instrument :
BNA_F
ClientSampleId :
TP-F

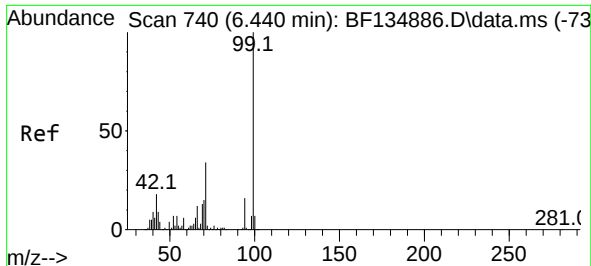
Tgt Ion:152 Resp: 243605
Ion Ratio Lower Upper
152 100
150 157.3 126.1 189.1
115 64.5 51.1 76.7



#5
2-Fluorophenol
Concen: 34.996 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF134896.D
Acq: 23 Aug 2023 10:50

Tgt Ion:112 Resp: 534618
Ion Ratio Lower Upper
112 100
64 57.3 48.6 73.0
63 29.7 25.7 38.5

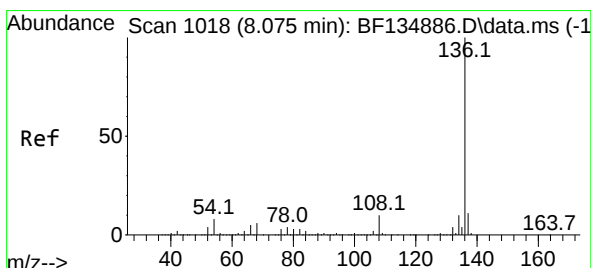
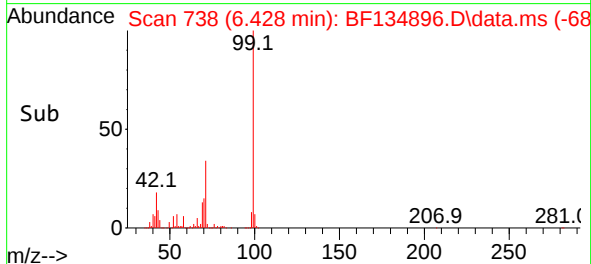
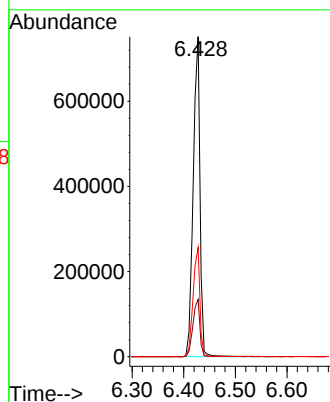
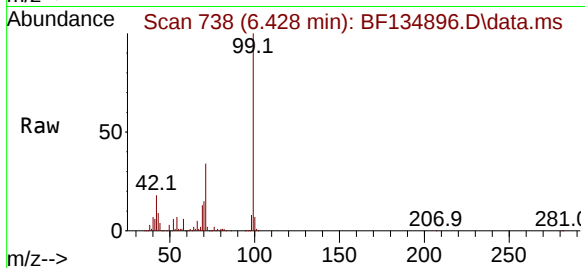




#7
Phenol-d6
Concen: 35.013 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134896.D
Acq: 23 Aug 2023 10:50

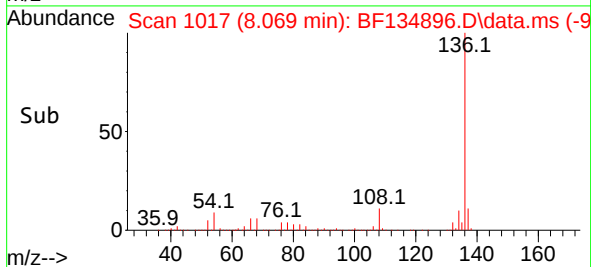
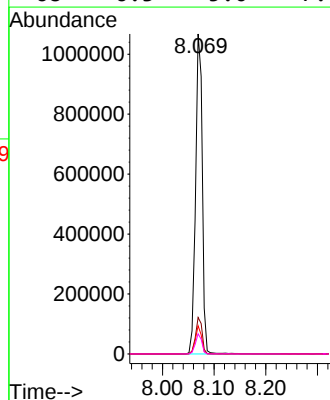
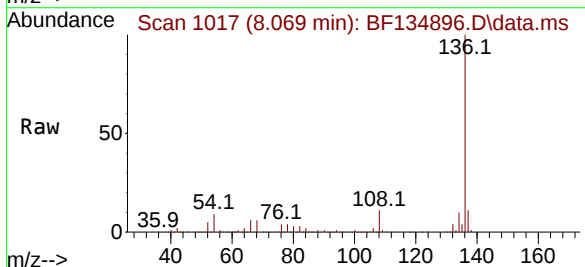
Instrument :
BNA_F
ClientSampleId :
TP-F

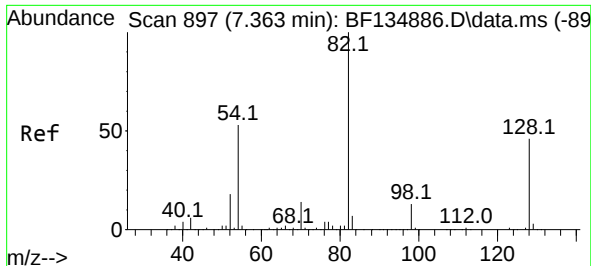
Tgt Ion: 99 Resp: 683460
Ion Ratio Lower Upper
99 100
42 17.9 14.6 22.0
71 34.1 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134896.D
Acq: 23 Aug 2023 10:50

Tgt Ion:136 Resp: 960134
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.8 6.6 9.8
68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 23.638 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF134896.D

Acq: 23 Aug 2023 10:50

Instrument :

BNA_F

ClientSampleId :

TP-F

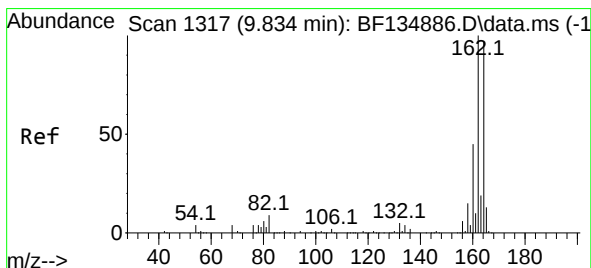
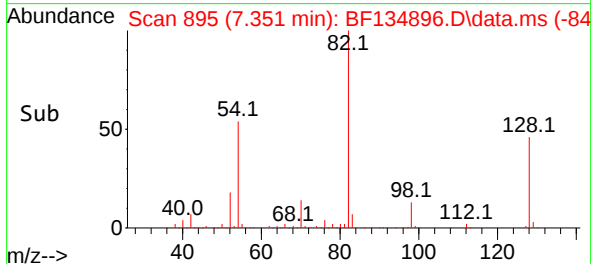
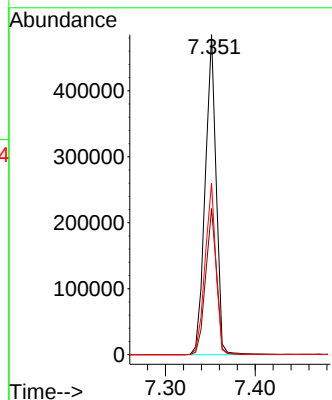
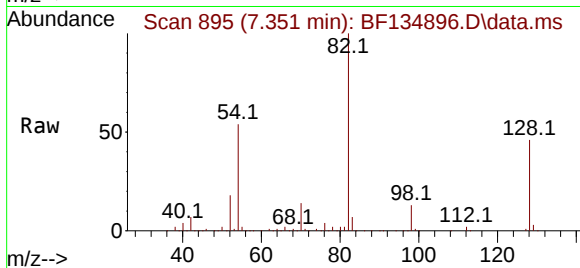
Tgt Ion: 82 Resp: 411869

Ion Ratio Lower Upper

82 100

128 45.6 36.6 54.8

54 53.7 42.6 63.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134896.D

Acq: 23 Aug 2023 10:50

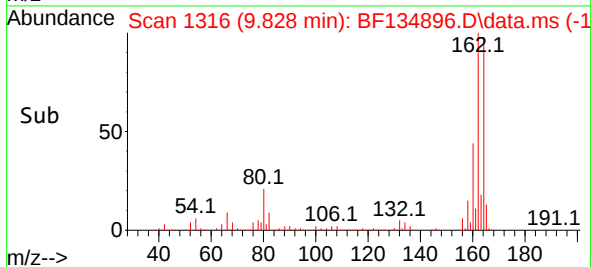
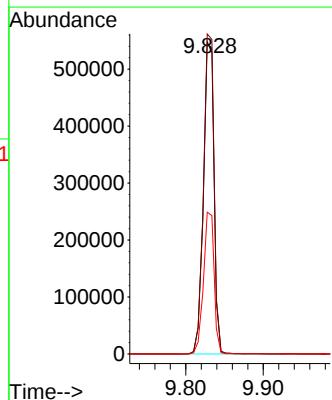
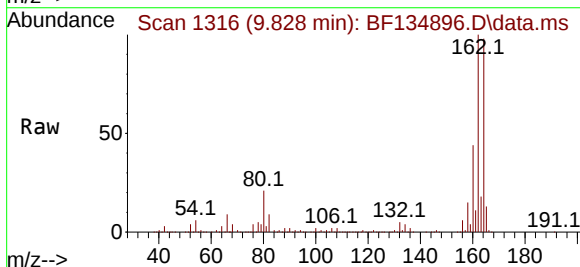
Tgt Ion:164 Resp: 516013

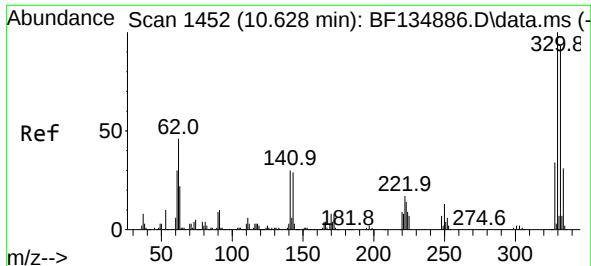
Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

160 45.4 37.0 55.4

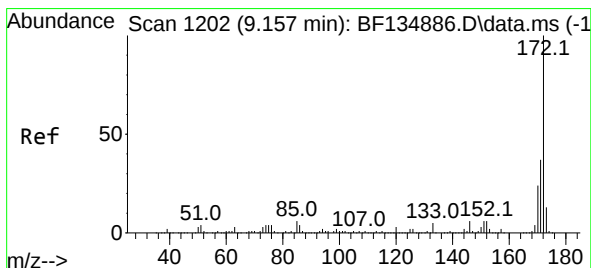
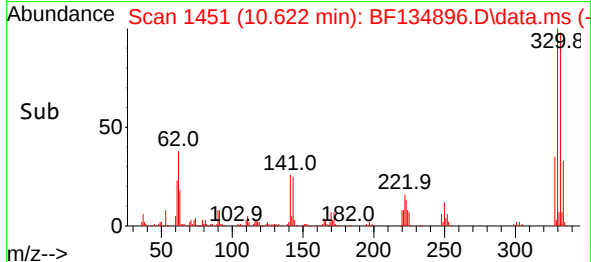
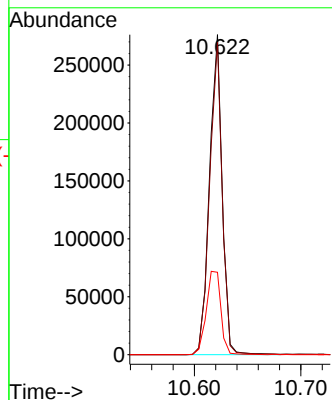
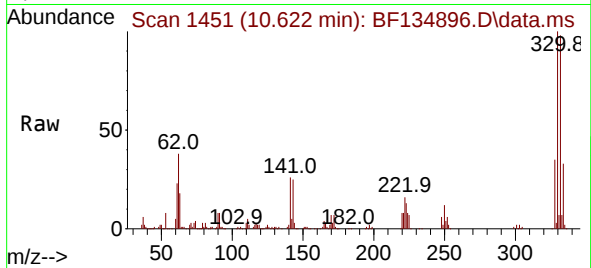




#42
2,4,6-Tribromophenol
Concen: 37.564 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF134896.D
Acq: 23 Aug 2023 10:50

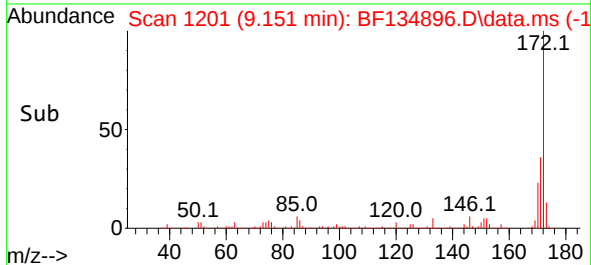
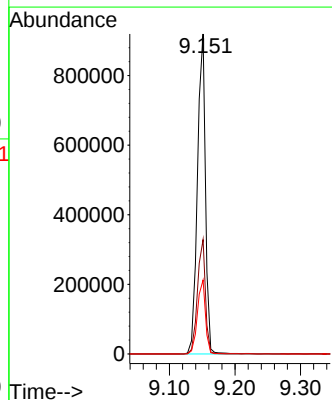
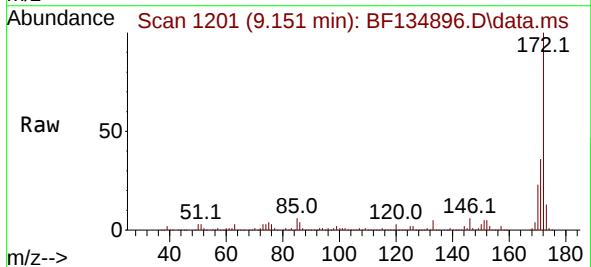
Instrument :
BNA_F
ClientSampleId :
TP-F

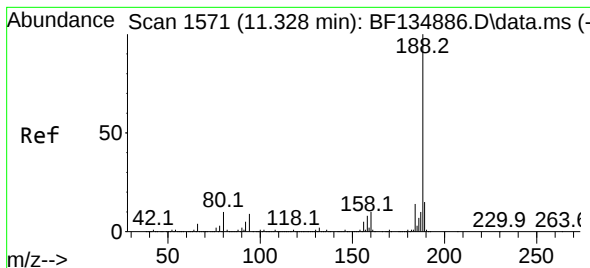
Tgt Ion:330 Resp: 228291
Ion Ratio Lower Upper
330 100
332 97.3 76.3 114.5
141 30.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 23.526 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF134896.D
Acq: 23 Aug 2023 10:50

Tgt Ion:172 Resp: 785296
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 23.1 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134896.D

Acq: 23 Aug 2023 10:50

Instrument :

BNA_F

ClientSampleId :

TP-F

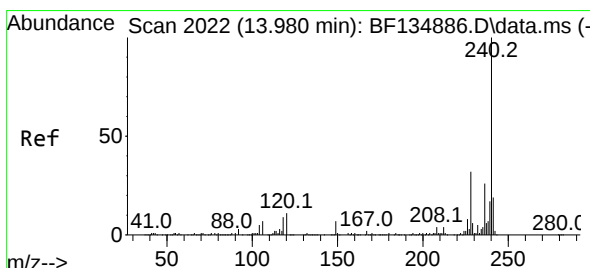
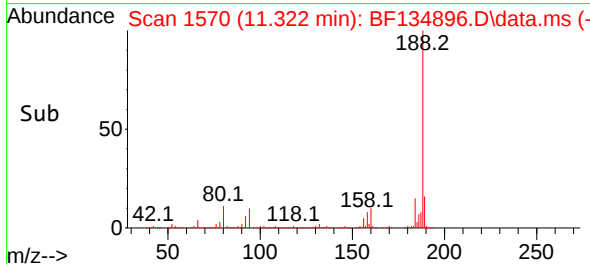
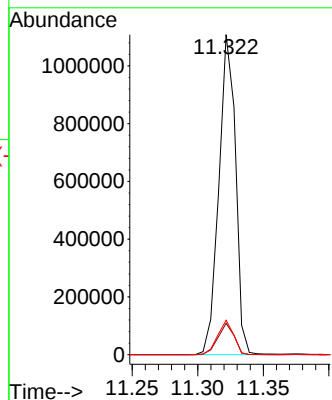
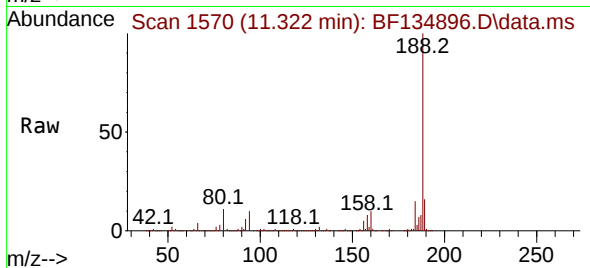
Tgt Ion:188 Resp: 979382

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

80 10.8 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF134896.D

Acq: 23 Aug 2023 10:50

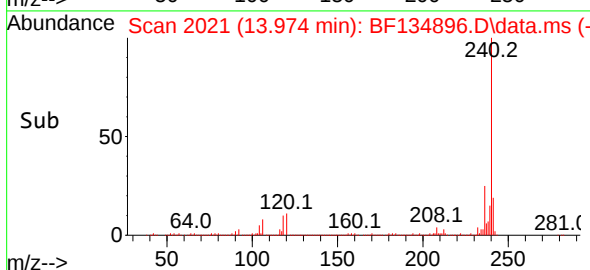
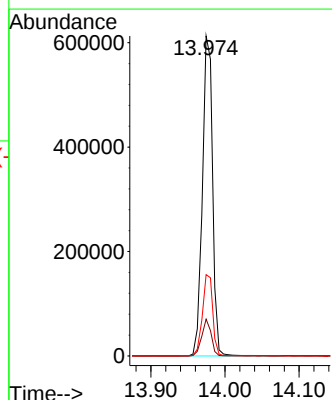
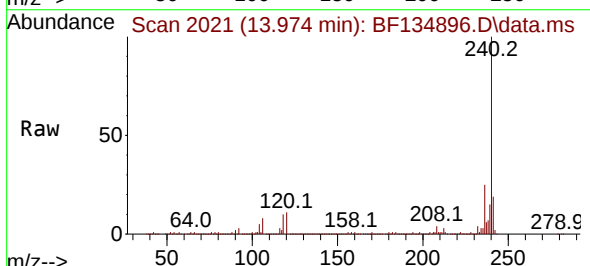
Tgt Ion:240 Resp: 587640

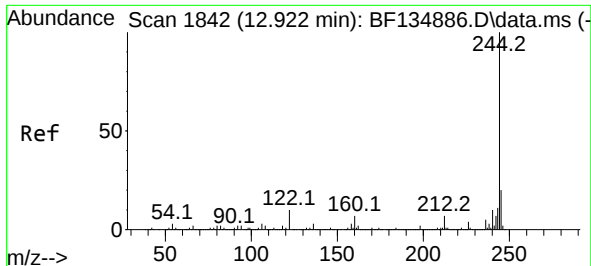
Ion Ratio Lower Upper

240 100

120 11.5 8.6 12.8

236 25.4 20.6 31.0





#79

Terphenyl-d14

Concen: 21.515 ng

RT: 12.922 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134896.D

Acq: 23 Aug 2023 10:50

Instrument :

BNA_F

ClientSampleId :

TP-F

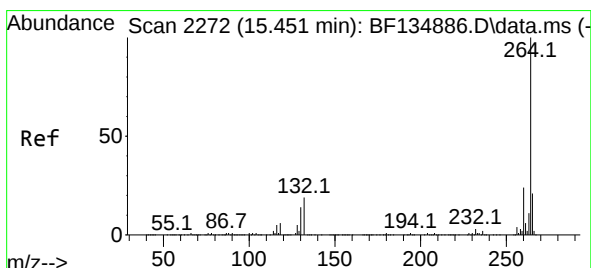
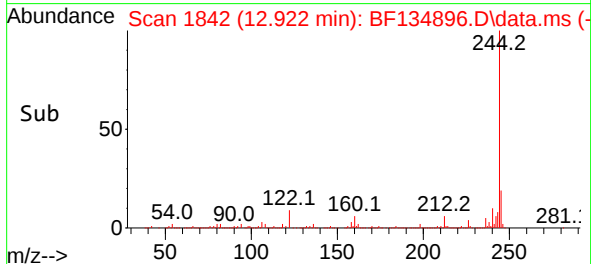
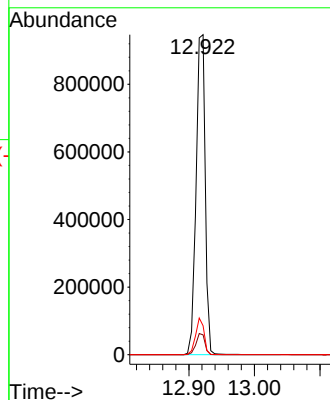
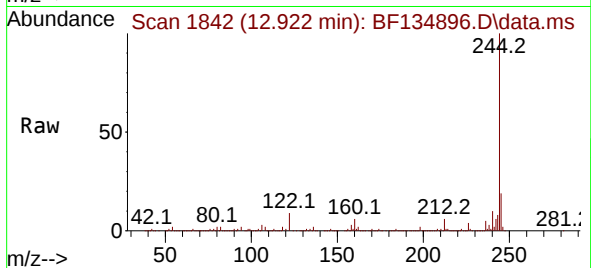
Tgt Ion:244 Resp: 919241

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

122 9.1 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.000 min

Lab File: BF134896.D

Acq: 23 Aug 2023 10:50

Tgt Ion:264 Resp: 569235

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.7 17.1 25.7

