

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135396.D
 Acq On : 22 Sep 2023 12:37
 Operator : CG\JU
 Sample : 04501-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Sep 23 04:40:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	150110	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	563499	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	269154	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	444951	20.000	ng	0.00
76) Chrysene-d12	13.939	240	246874	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	323165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1095689	118.718	ng	0.02
7) Phenol-d6	6.410	99	1308842	111.527	ng	0.00
23) Nitrobenzene-d5	7.322	82	932406	89.897	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	298690	111.671	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1498244	83.983	ng	-0.01
79) Terphenyl-d14	12.886	244	1179250	74.048	ng	0.00

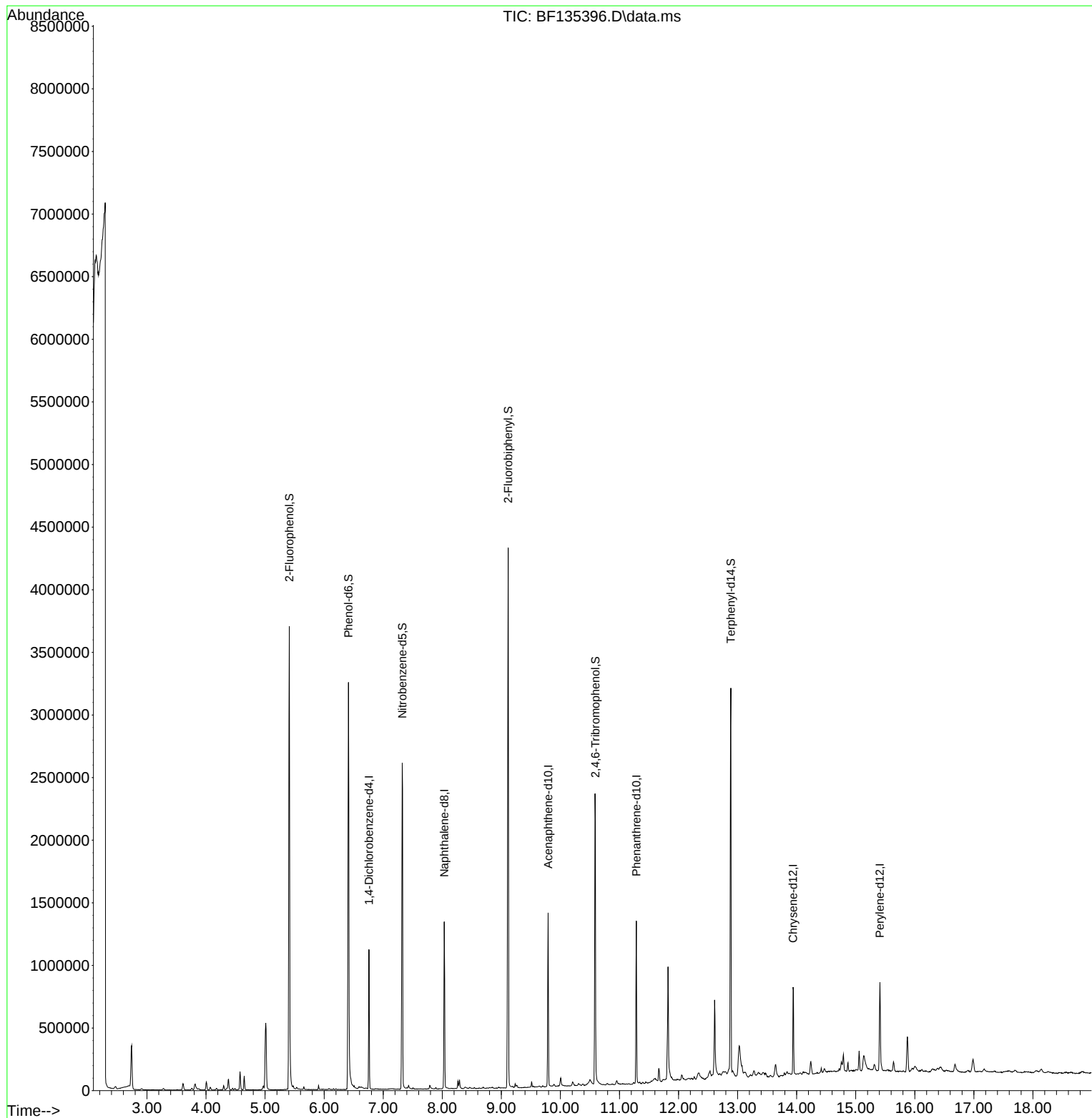
Target Compounds	Qvalue

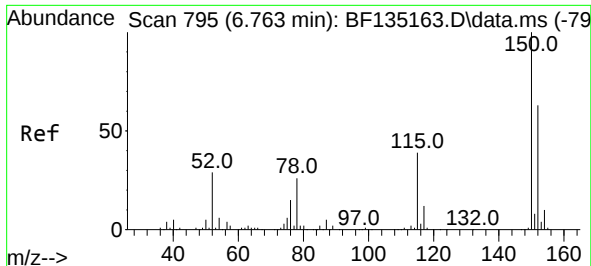
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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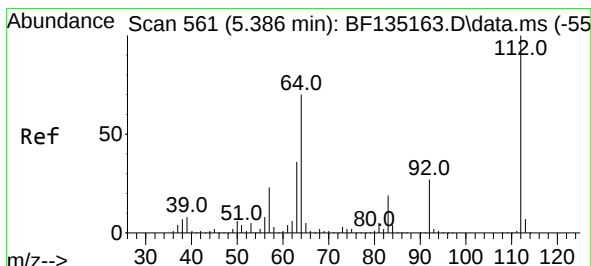
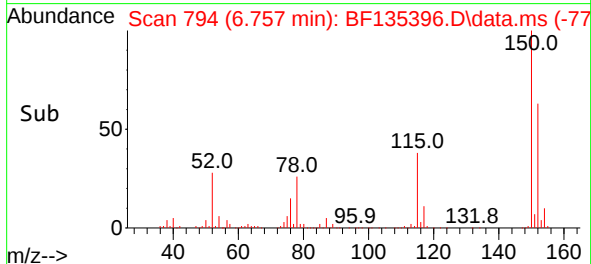
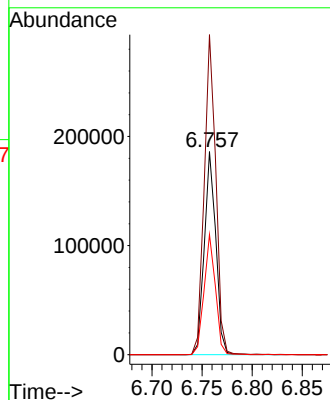
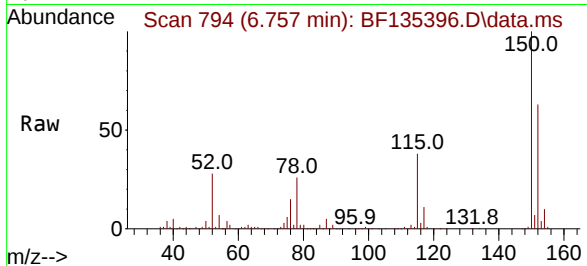




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

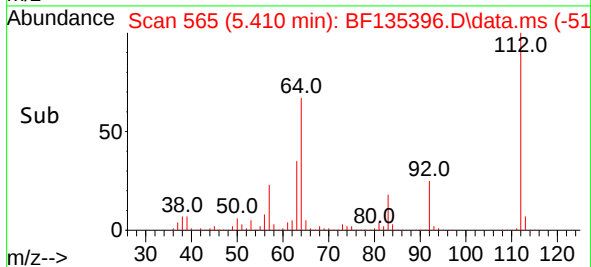
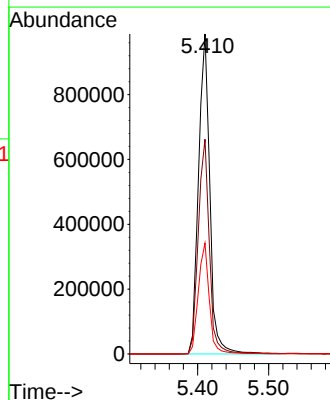
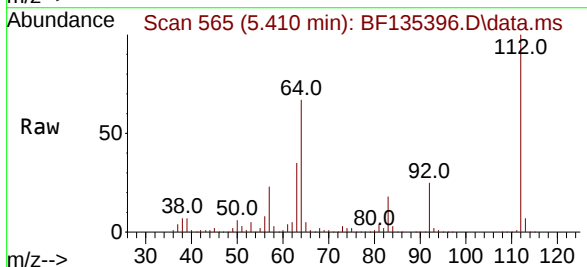
Instrument :
BNA_F
ClientSampleId :
TP-3

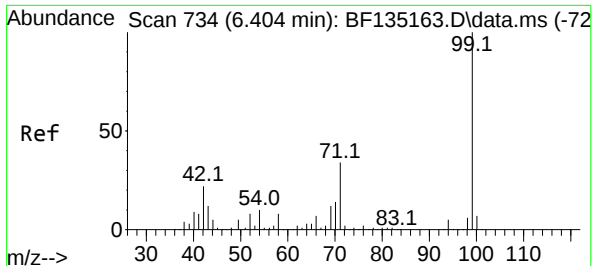
Tgt Ion:152 Resp: 150110
Ion Ratio Lower Upper
152 100
150 157.7 127.8 191.6
115 59.2 49.8 74.8



#5
2-Fluorophenol
Concen: 118.718 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.024 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

Tgt Ion:112 Resp: 1095689
Ion Ratio Lower Upper
112 100
64 67.1 55.9 83.9
63 34.7 29.0 43.6

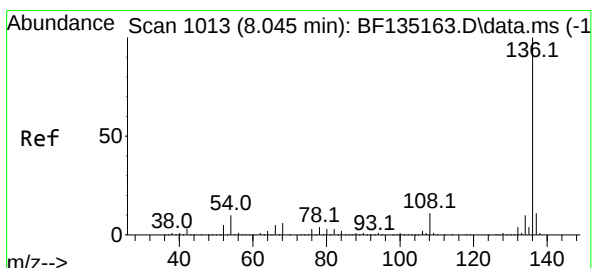
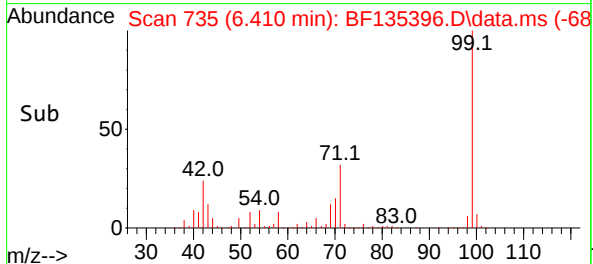
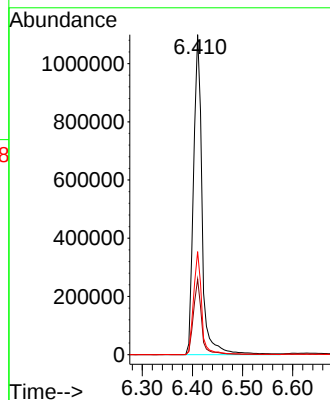
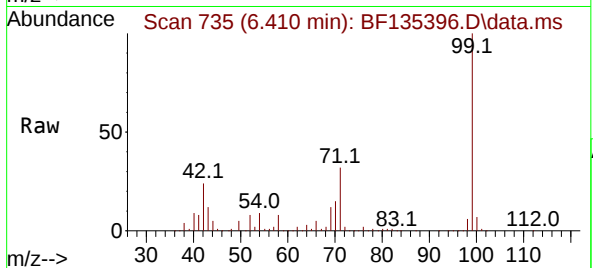




#7
Phenol-d6
Concen: 111.527 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

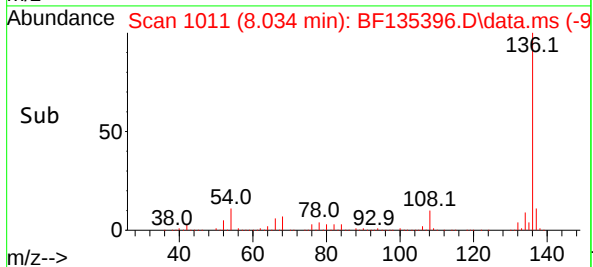
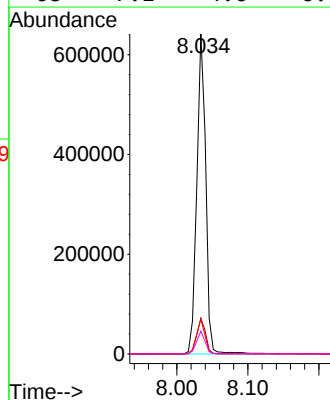
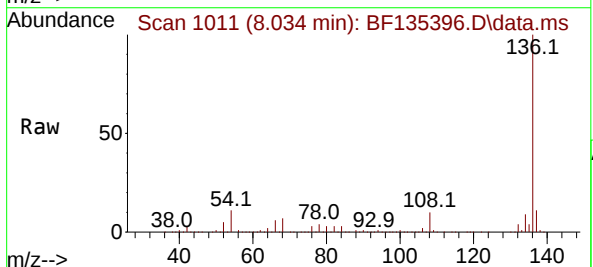
Instrument :
BNA_F
ClientSampleId :
TP-3

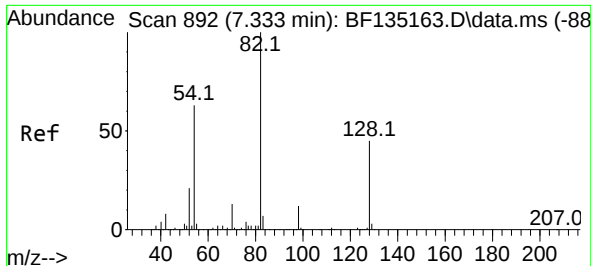
Tgt Ion: 99 Resp: 1308842
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 32.2 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

Tgt Ion: 136 Resp: 563499
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.9 7.7 11.5
68 7.1 4.6 6.8#

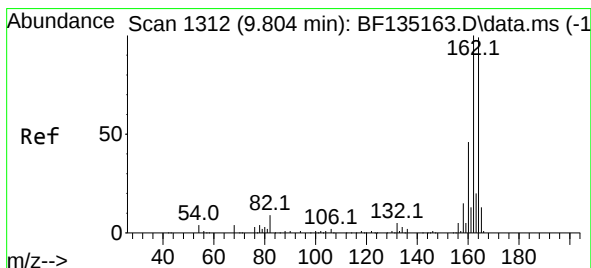
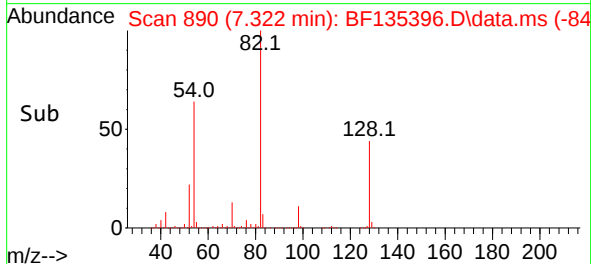
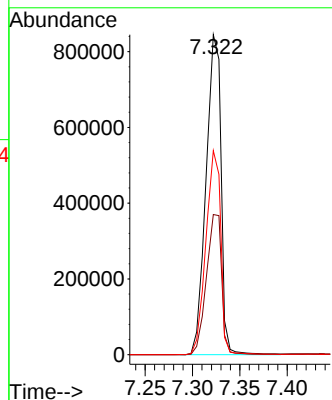
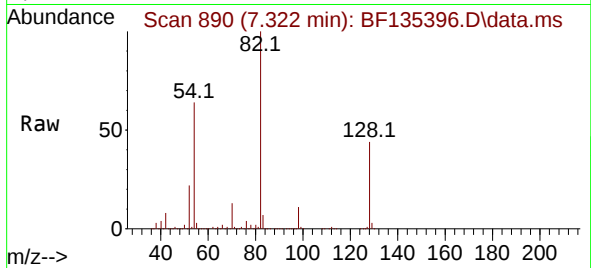




#23
Nitrobenzene-d5
Concen: 89.897 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.011 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

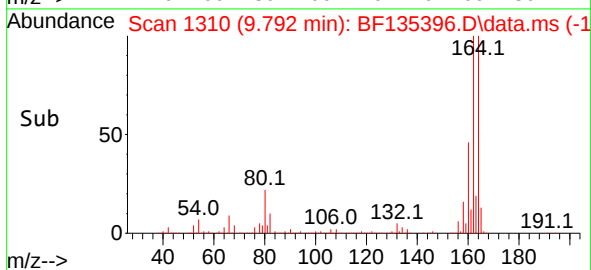
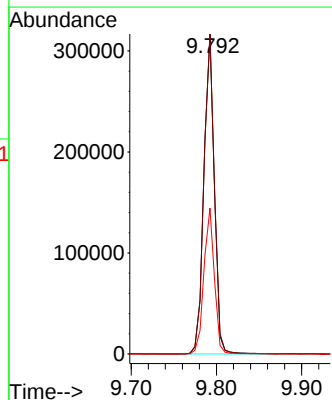
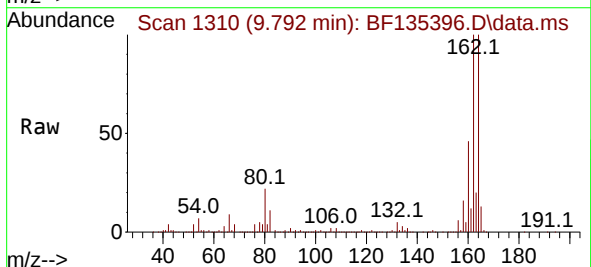
Instrument :
BNA_F
ClientSampleId :
TP-3

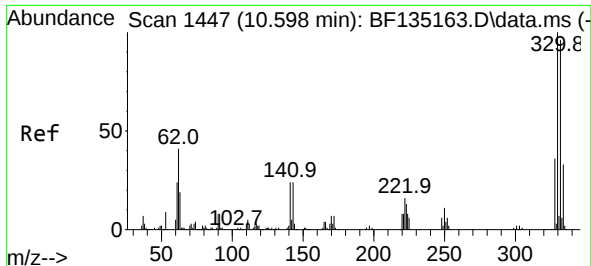
Tgt Ion: 82 Resp: 932406
Ion Ratio Lower Upper
82 100
128 43.8 35.8 53.6
54 63.8 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.011 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

Tgt Ion: 164 Resp: 269154
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 45.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 111.671 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135396.D

Acq: 22 Sep 2023 12:37

Instrument :

BNA_F

ClientSampleId :

TP-3

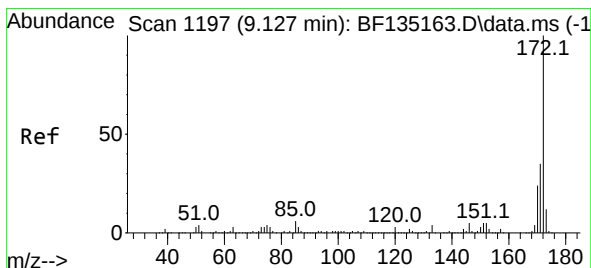
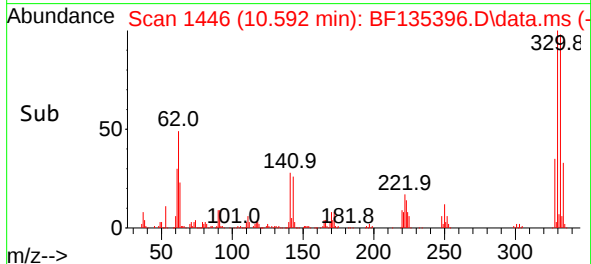
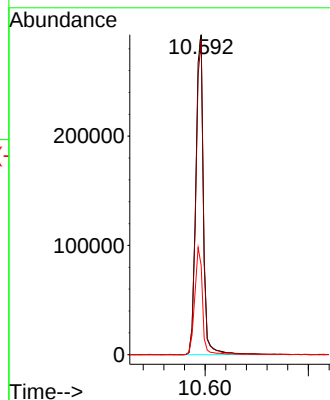
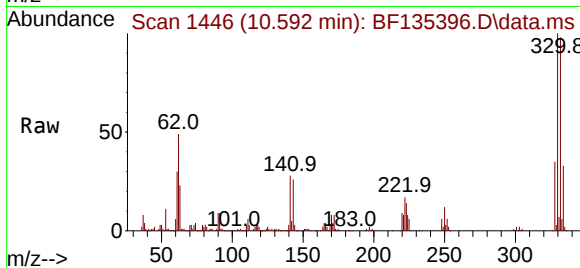
Tgt Ion:330 Resp: 298690

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 33.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 83.983 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.011 min

Lab File: BF135396.D

Acq: 22 Sep 2023 12:37

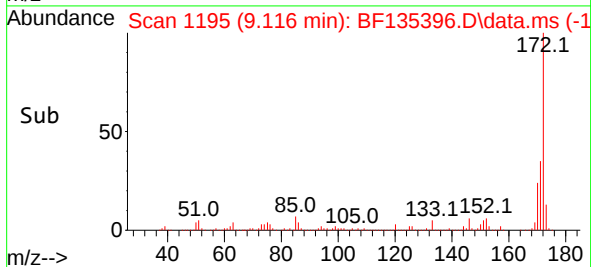
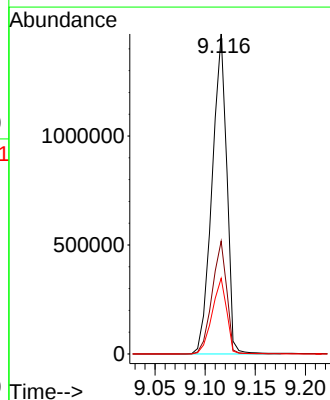
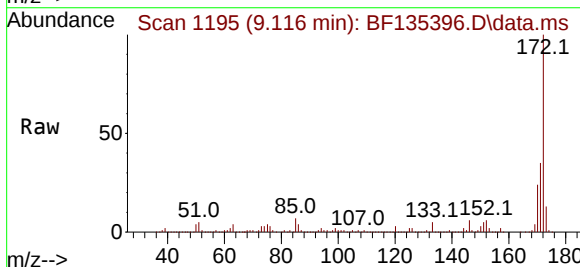
Tgt Ion:172 Resp: 1498244

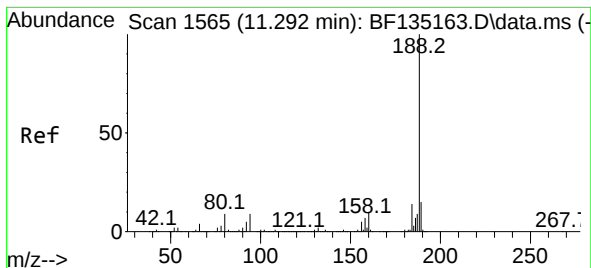
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135396.D

Acq: 22 Sep 2023 12:37

Instrument :

BNA_F

ClientSampleId :

TP-3

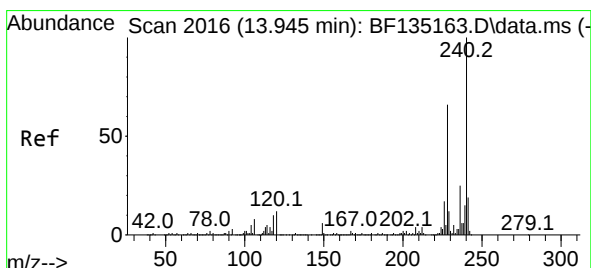
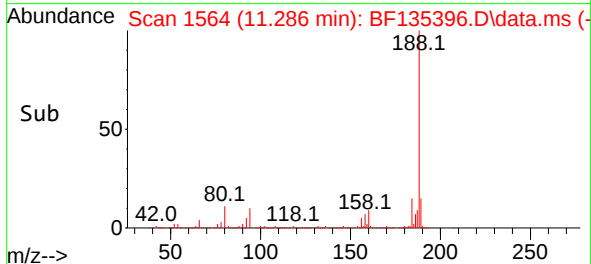
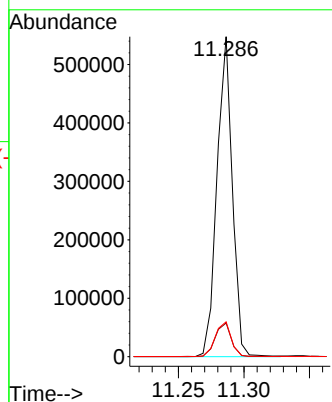
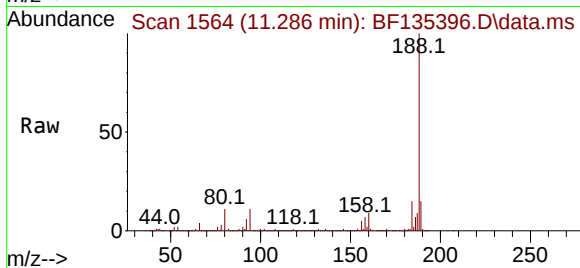
Tgt Ion:188 Resp: 444951

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

80 10.9 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135396.D

Acq: 22 Sep 2023 12:37

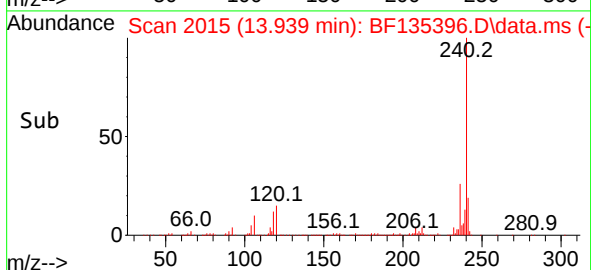
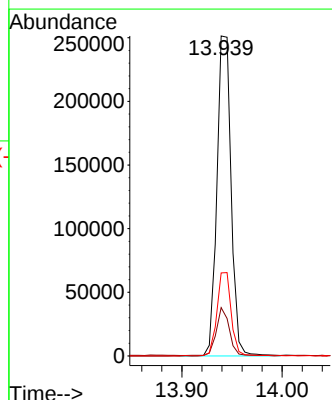
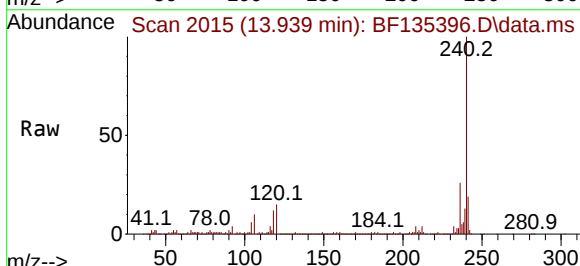
Tgt Ion:240 Resp: 246874

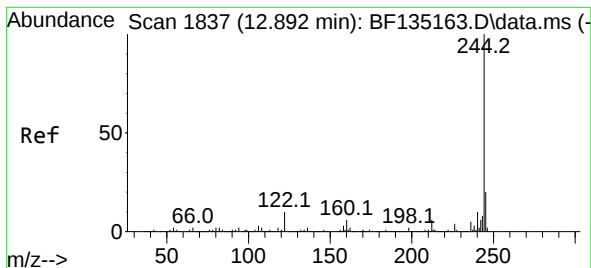
Ion Ratio Lower Upper

240 100

120 15.1 9.4 14.2#

236 25.9 19.8 29.8





#79

Terphenyl-d14

Concen: 74.048 ng

RT: 12.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135396.D

Acq: 22 Sep 2023 12:37

Instrument :

BNA_F

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TP-3

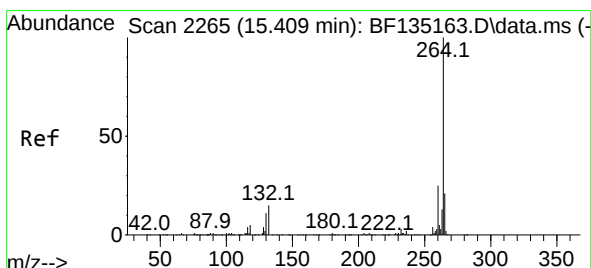
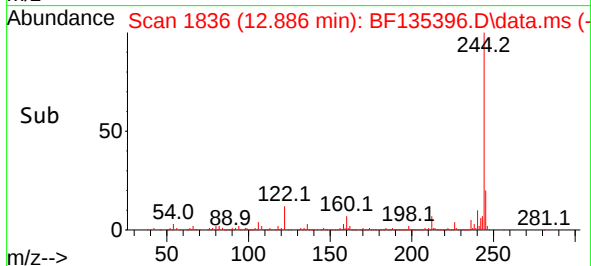
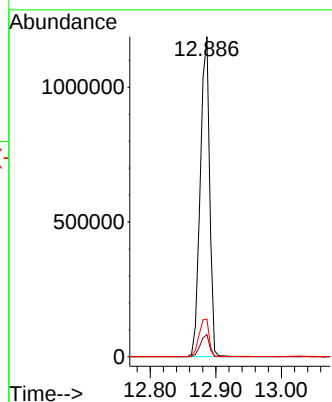
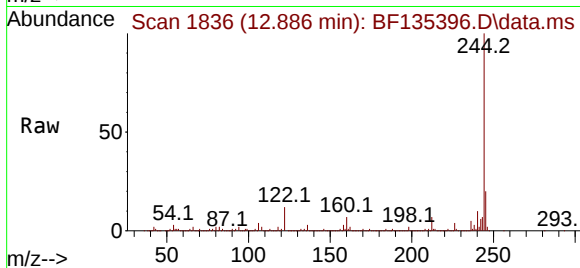
Tgt Ion:244 Resp: 1179250

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 11.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135396.D

Acq: 22 Sep 2023 12:37

Tgt Ion:264 Resp: 323165

Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 21.2 17.0 25.4

