

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139396.D
 Acq On : 17 Sep 2024 12:05
 Operator : RC/JU
 Sample : PB163358TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163358TB

Quant Time: Sep 17 12:28:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69033	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	264747	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	154637	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	296959	20.000	ng	0.00
76) Chrysene-d12	14.033	240	207580	20.000	ng	0.00
86) Perylene-d12	15.498	264	164796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	462106	109.202	ng	0.01
7) Phenol-d6	6.504	99	604783	108.885	ng	0.00
23) Nitrobenzene-d5	7.440	82	420628	74.691	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	183992	111.761	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	806255	73.125	ng	0.00
79) Terphenyl-d14	12.980	244	952496	75.316	ng	0.00

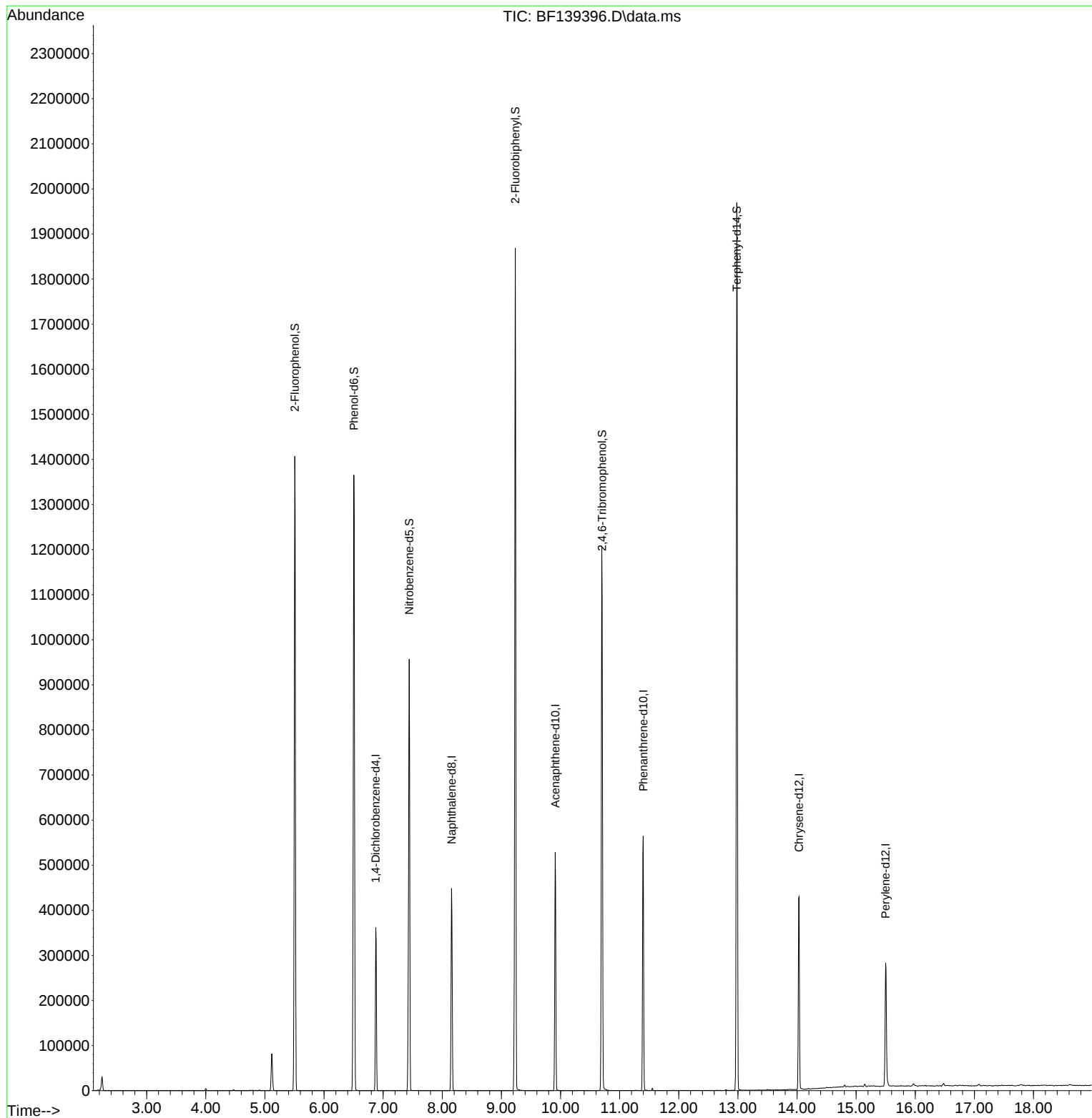
Target Compounds	Qvalue

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

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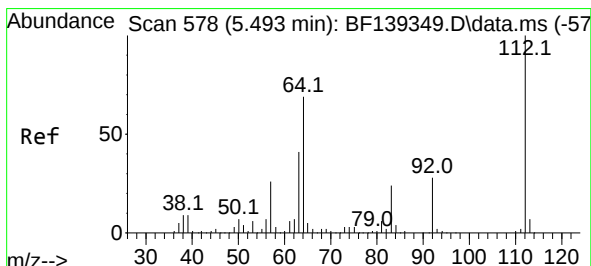
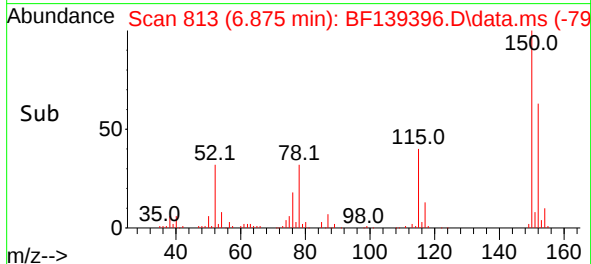
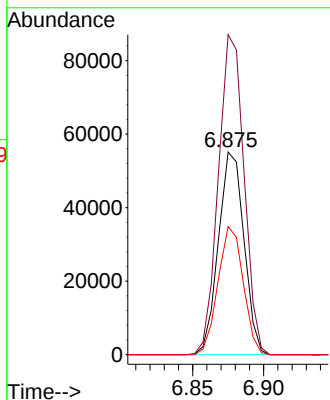
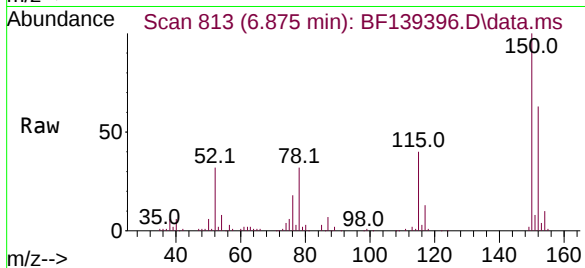




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139396.D
Acq: 17 Sep 2024 12:05

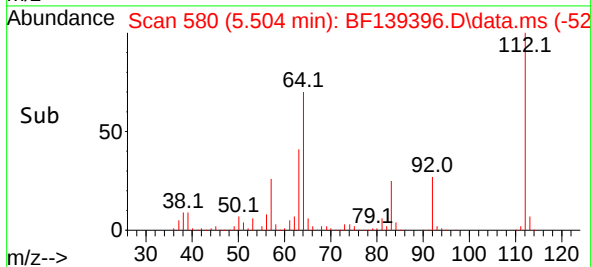
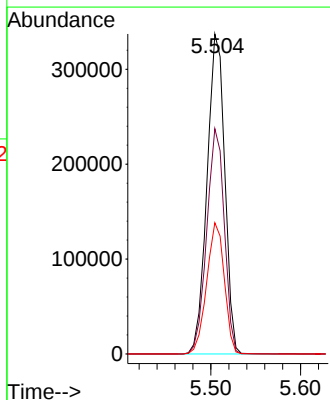
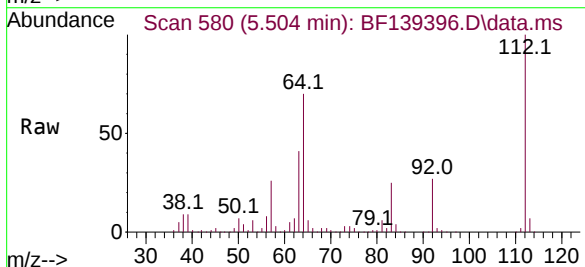
Instrument :
BNA_F
ClientSampleId :
PB163358TB

Tgt Ion:152 Resp: 69033
Ion Ratio Lower Upper
152 100
150 157.9 124.1 186.1
115 63.2 48.1 72.1



#5
2-Fluorophenol
Concen: 109.202 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139396.D
Acq: 17 Sep 2024 12:05

Tgt Ion:112 Resp: 462106
Ion Ratio Lower Upper
112 100
64 70.4 54.8 82.2
63 41.0 33.0 49.4





#7

Phenol-d6

Concen: 108.885 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139396.D

Acq: 17 Sep 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB163358TB

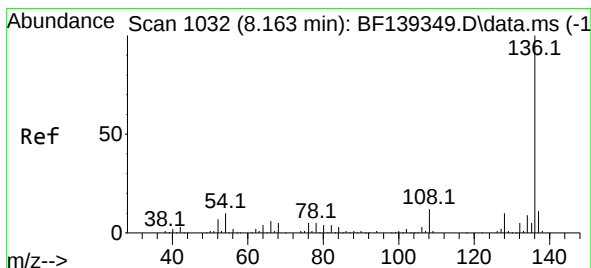
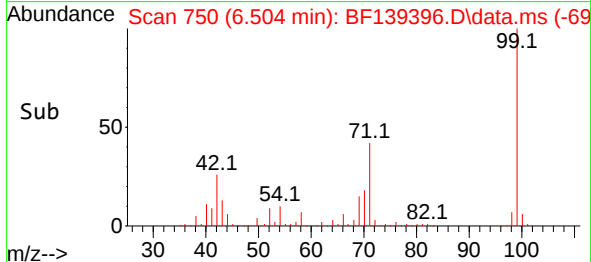
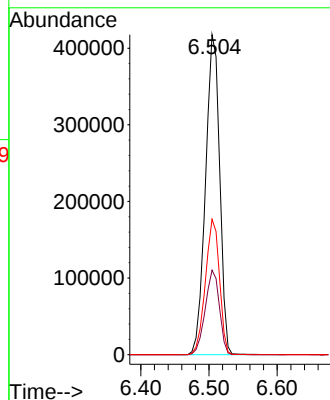
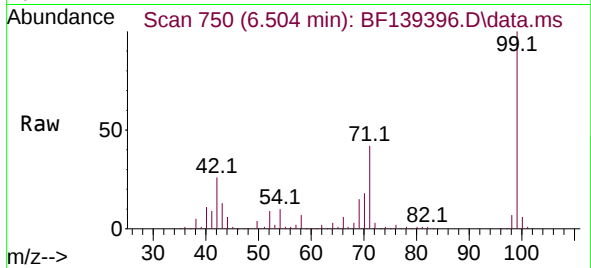
Tgt Ion: 99 Resp: 604783

Ion Ratio Lower Upper

99 100

42 26.4 21.9 32.9

71 42.3 34.6 52.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF139396.D

Acq: 17 Sep 2024 12:05

Tgt Ion: 136 Resp: 264747

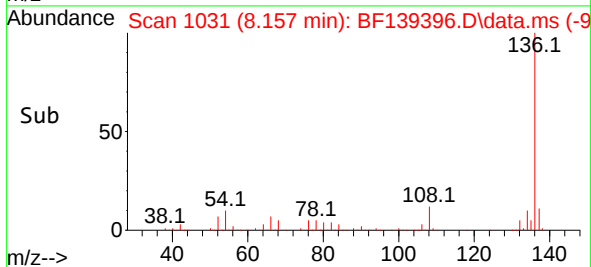
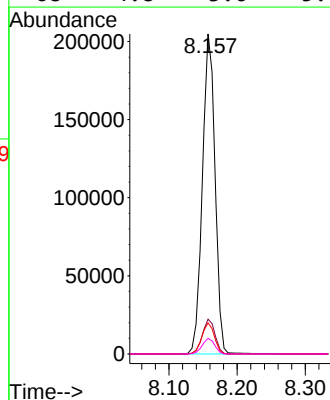
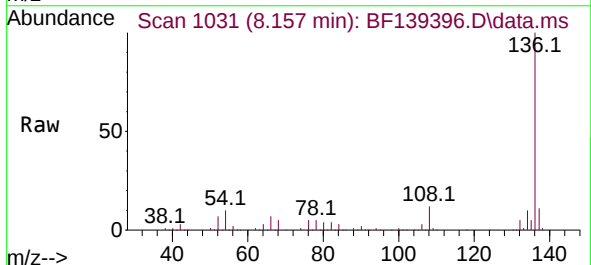
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 9.7 7.8 11.8

68 4.8 3.6 5.4





#23

Nitrobenzene-d5

Concen: 74.691 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139396.D

Acq: 17 Sep 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB163358TB

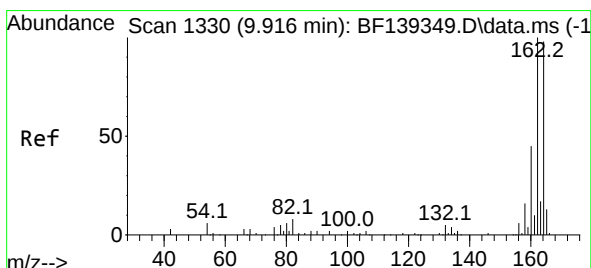
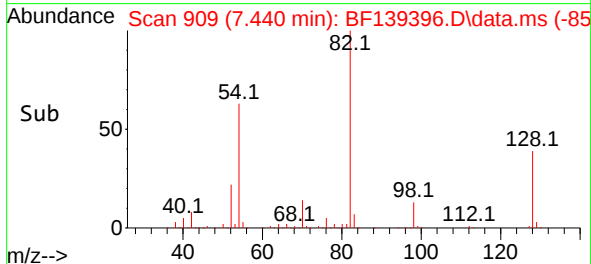
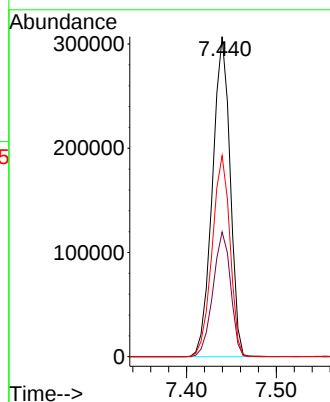
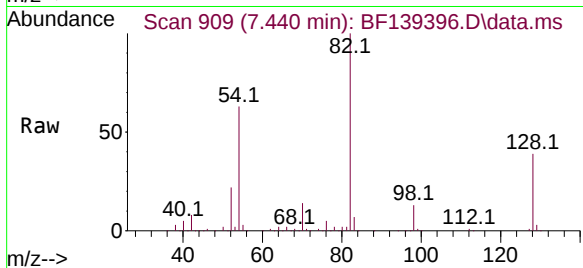
Tgt Ion: 82 Resp: 420628

Ion Ratio Lower Upper

82 100

128 39.0 31.8 47.6

54 62.9 50.6 75.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139396.D

Acq: 17 Sep 2024 12:05

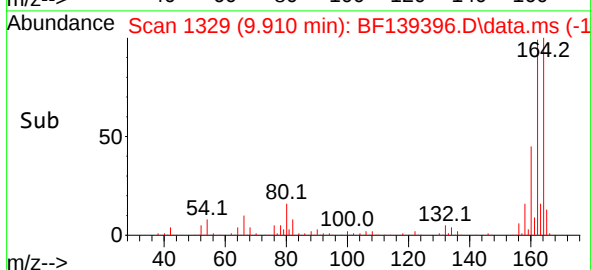
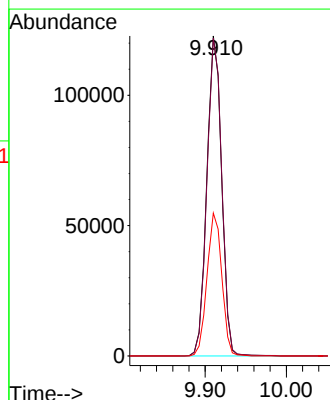
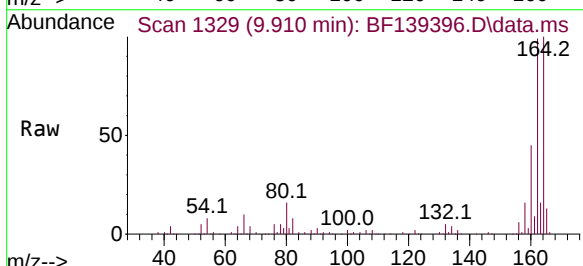
Tgt Ion:164 Resp: 154637

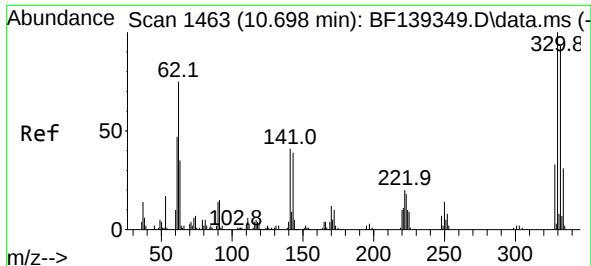
Ion Ratio Lower Upper

164 100

162 99.2 81.3 121.9

160 44.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 111.761 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139396.D

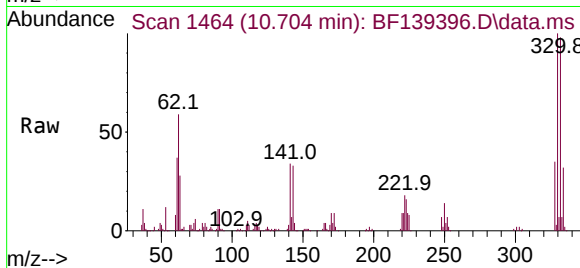
Acq: 17 Sep 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB163358TB



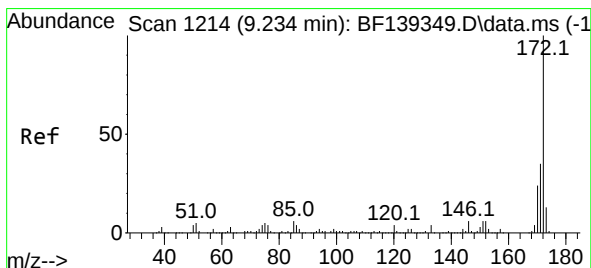
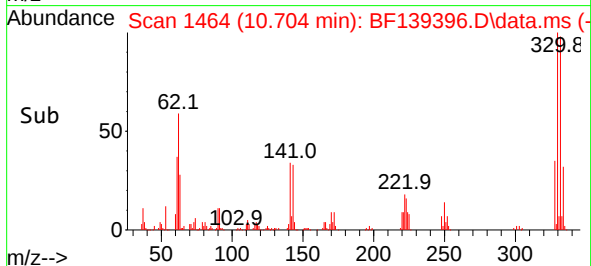
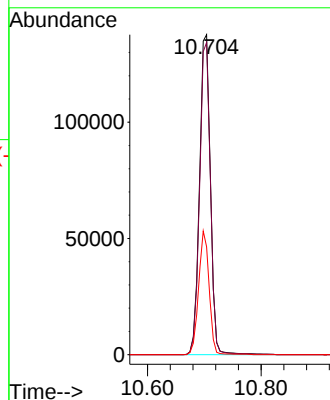
Tgt Ion:330 Resp: 183992

Ion Ratio Lower Upper

330 100

332 96.7 75.2 112.8

141 37.3 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 73.125 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139396.D

Acq: 17 Sep 2024 12:05

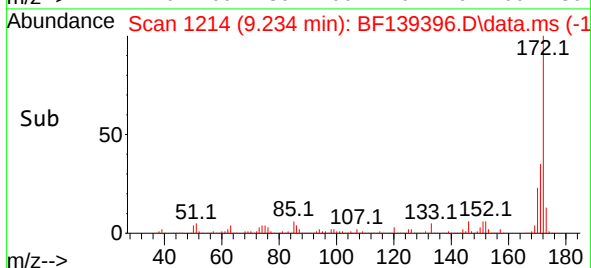
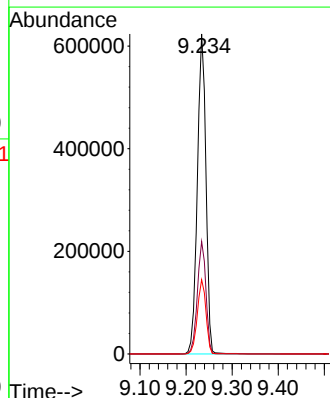
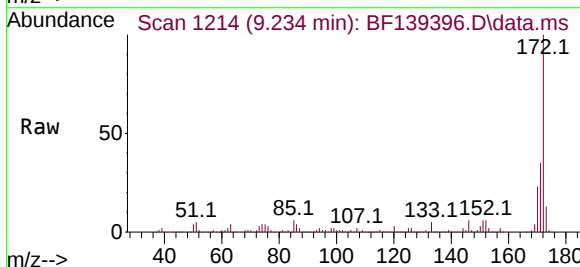
Tgt Ion:172 Resp: 806255

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.2 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139396.D

Acq: 17 Sep 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB163358TB

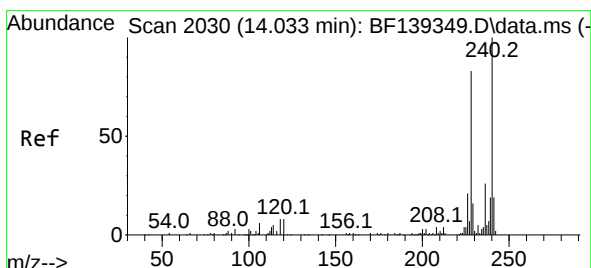
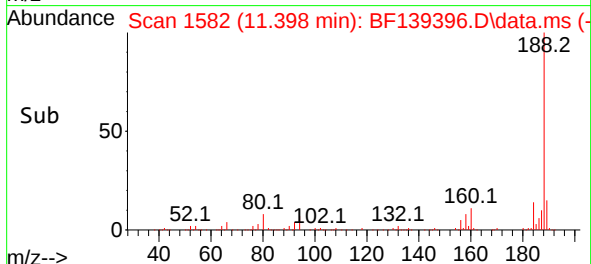
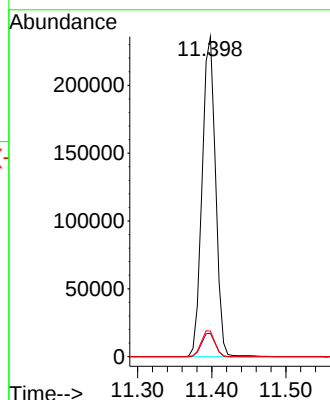
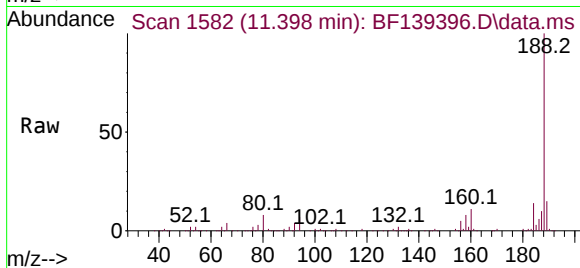
Tgt Ion:188 Resp: 296959

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

80 8.0 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139396.D

Acq: 17 Sep 2024 12:05

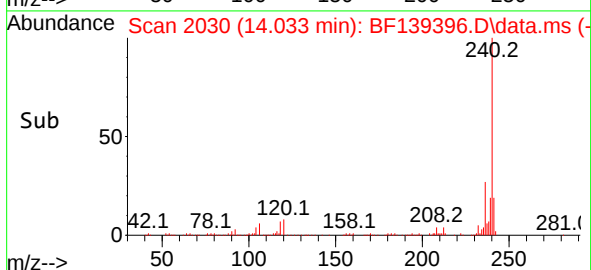
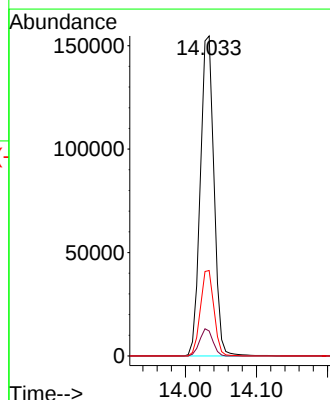
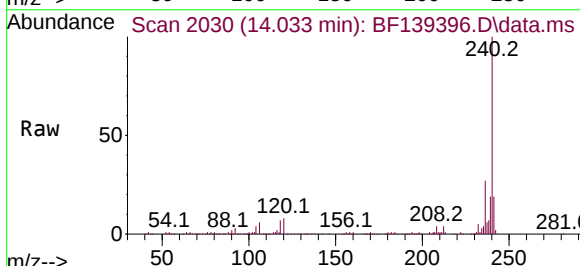
Tgt Ion:240 Resp: 207580

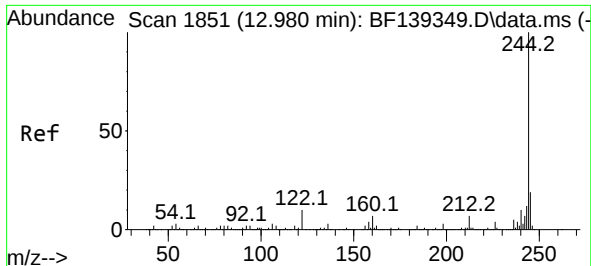
Ion Ratio Lower Upper

240 100

120 7.8 6.2 9.2

236 26.7 20.9 31.3

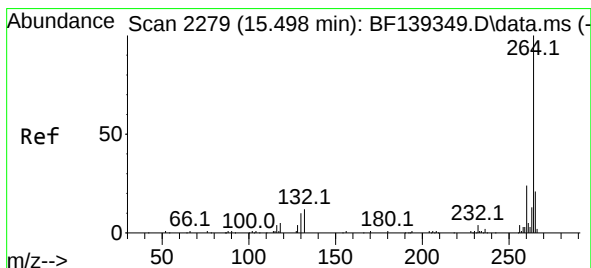
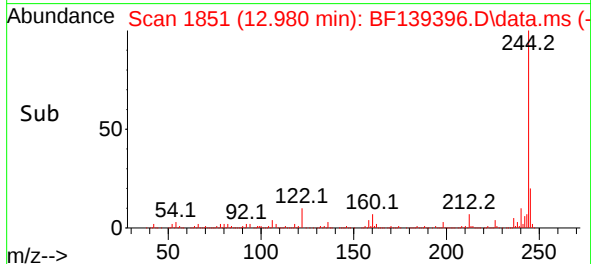
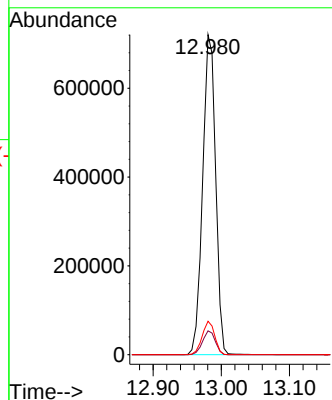
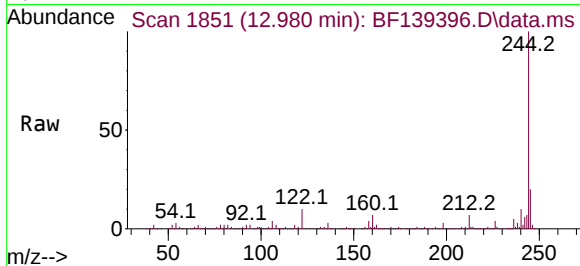




#79
 Terphenyl-d14
 Concen: 75.316 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139396.D
 Acq: 17 Sep 2024 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB163358TB

Tgt Ion:244 Resp: 952496
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.5 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF139396.D
 Acq: 17 Sep 2024 12:05

Tgt Ion:264 Resp: 164796
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.0 16.6 25.0

