

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136799.D
 Acq On : 28 Dec 2023 18:16
 Operator : CG\JU
 Sample : 06027-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIERS

Quant Time: Dec 28 23:30:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	67005	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	250229	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	121478	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	224456	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	136678	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	142911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	173206	40.333	ng	0.00
7) Phenol-d6	6.422	99	317709	57.096	ng	-0.02
23) Nitrobenzene-d5	7.339	82	244713	50.043	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	33759	23.597	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	503564	55.754	ng	-0.02
79) Terphenyl-d14	12.904	244	481495	49.231	ng	-0.01

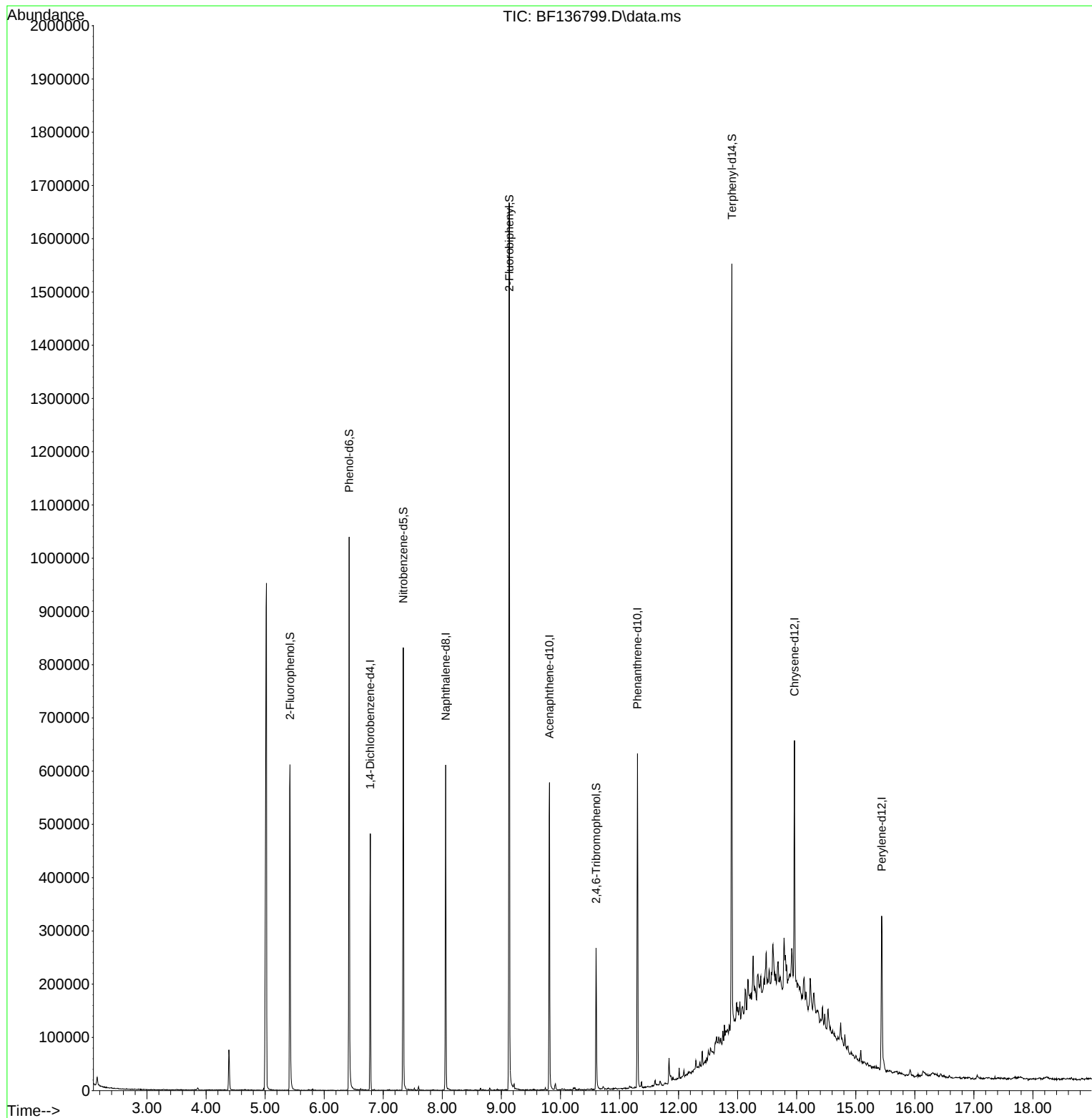
Target Compounds	Qvalue

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

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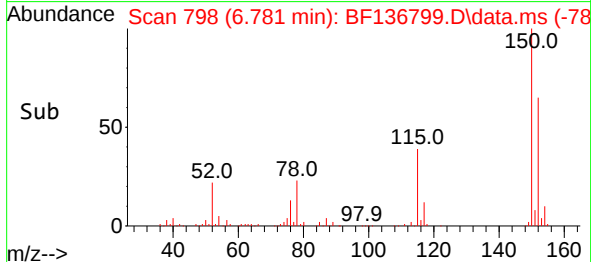
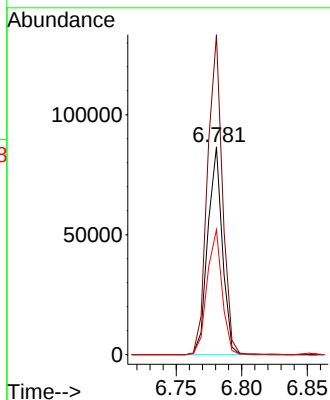
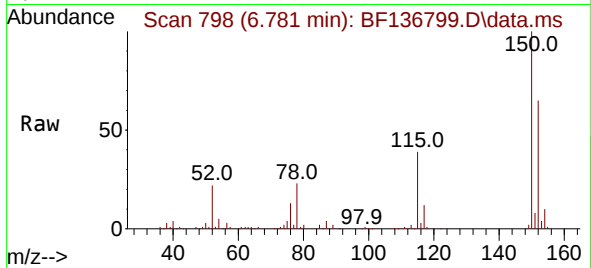




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136799.D
Acq: 28 Dec 2023 18:16

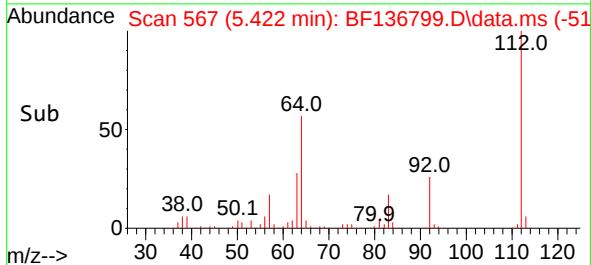
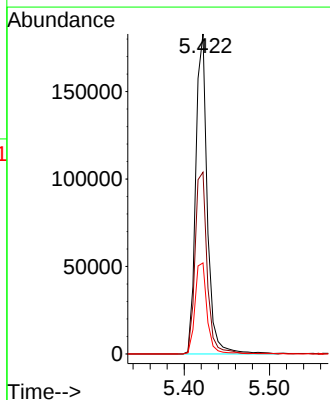
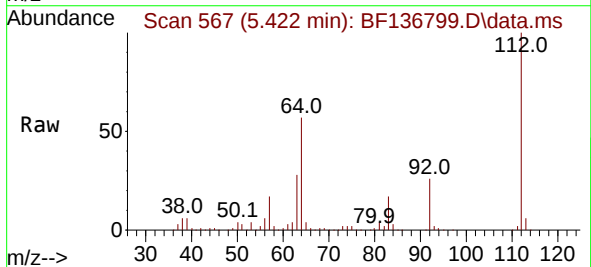
Instrument :
BNA_F
ClientSampleId :
PIERS

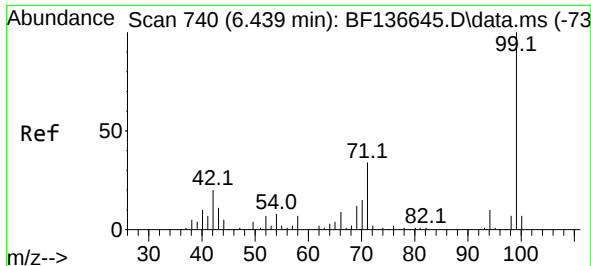
Tgt Ion:152 Resp: 67005
Ion Ratio Lower Upper
152 100
150 154.0 127.0 190.6
115 60.2 49.0 73.4



#5
2-Fluorophenol
Concen: 40.333 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136799.D
Acq: 28 Dec 2023 18:16

Tgt Ion:112 Resp: 173206
Ion Ratio Lower Upper
112 100
64 56.8 51.1 76.7
63 28.5 26.1 39.1

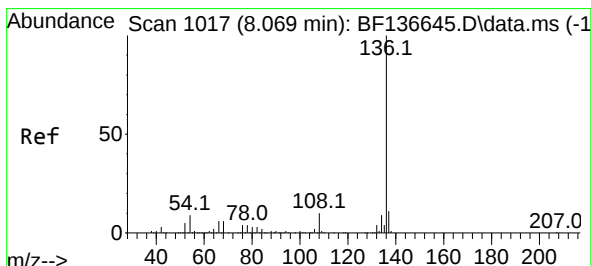
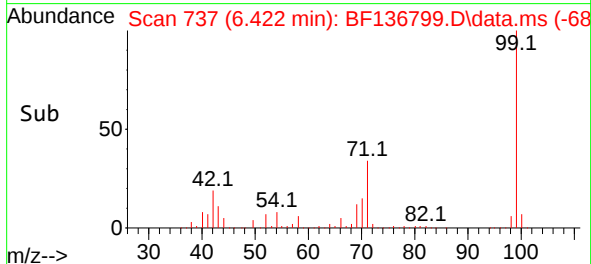
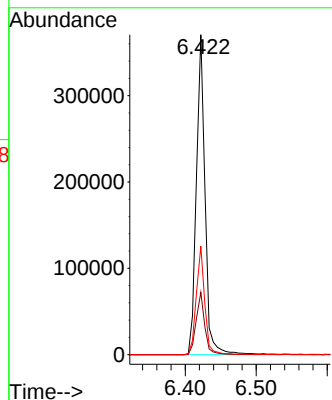
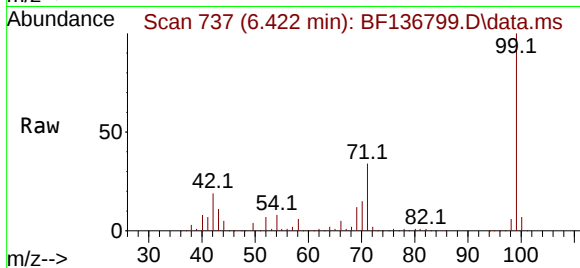




#7
Phenol-d6
Concen: 57.096 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136799.D
Acq: 28 Dec 2023 18:16

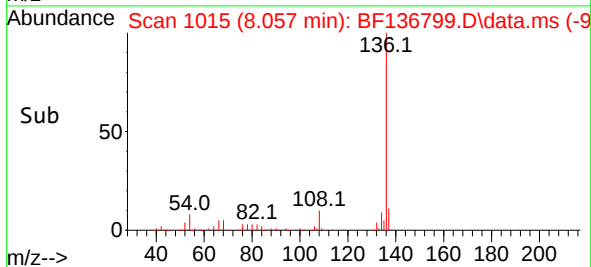
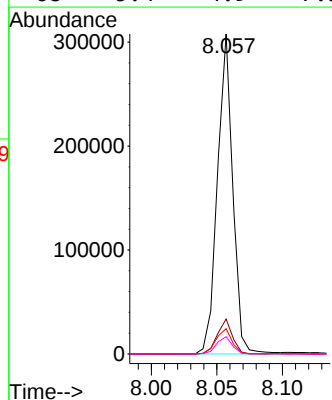
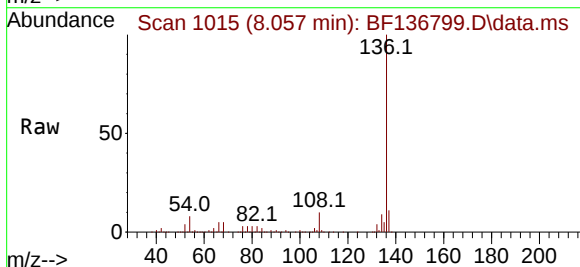
Instrument :
BNA_F
ClientSampleId :
PIERS

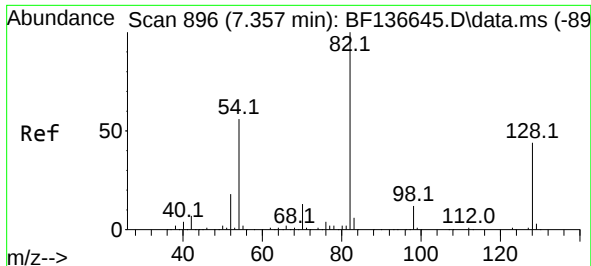
Tgt Ion: 99 Resp: 317709
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 33.9 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136799.D
Acq: 28 Dec 2023 18:16

Tgt Ion: 136 Resp: 250229
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.9 7.2 10.8
68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 50.043 ng

RT: 7.339 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136799.D

Acq: 28 Dec 2023 18:16

Instrument :

BNA_F

ClientSampleId :

PIERS

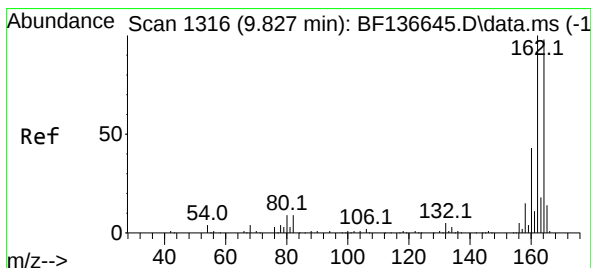
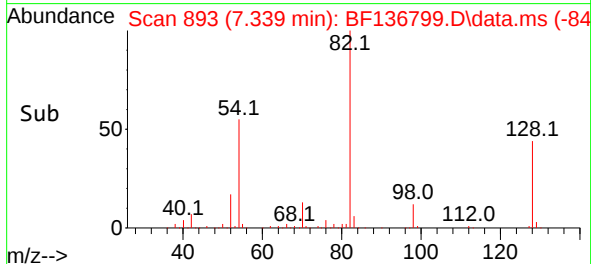
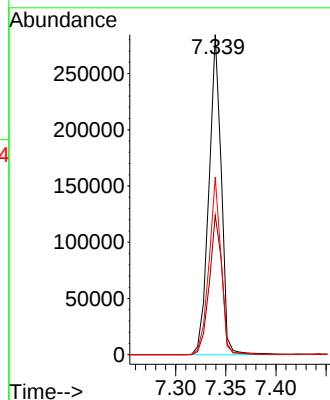
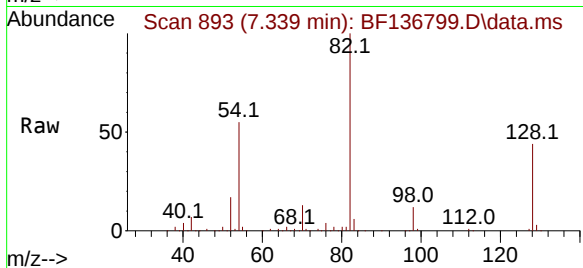
Tgt Ion: 82 Resp: 244713

Ion Ratio Lower Upper

82 100

128 43.5 35.3 52.9

54 55.4 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136799.D

Acq: 28 Dec 2023 18:16

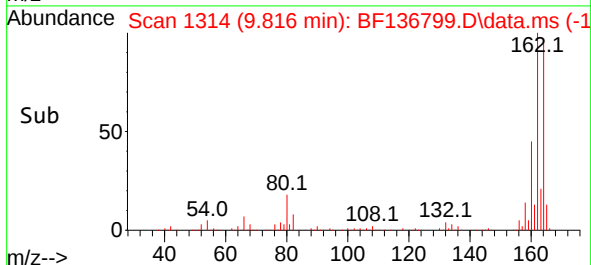
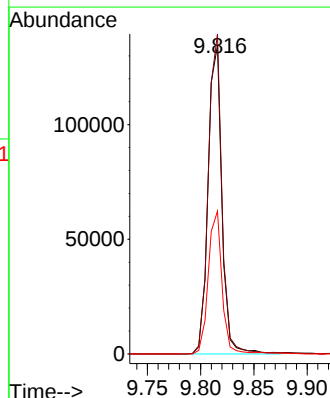
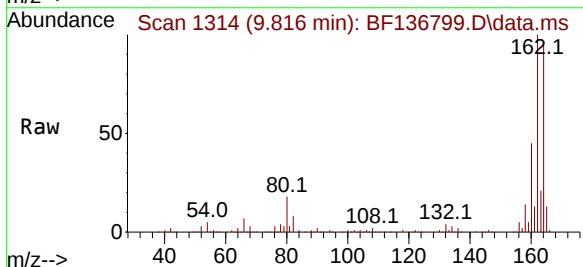
Tgt Ion:164 Resp: 121478

Ion Ratio Lower Upper

164 100

162 103.7 81.6 122.4

160 46.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 23.597 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.018 min

Lab File: BF136799.D

Acq: 28 Dec 2023 18:16

Instrument :

BNA_F

ClientSampleId :

PIERS

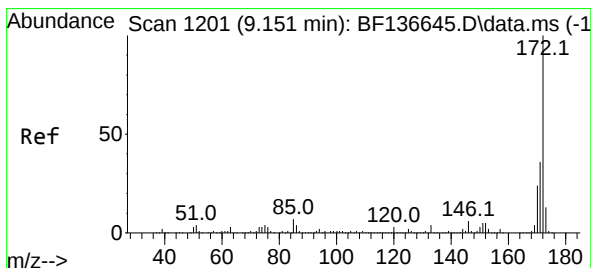
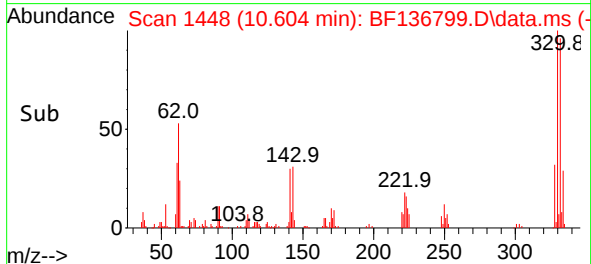
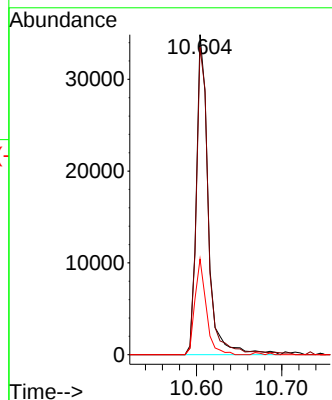
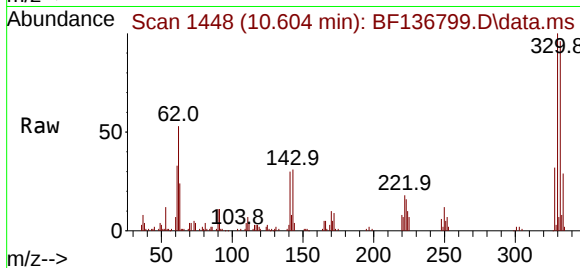
Tgt Ion:330 Resp: 33759

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

141 28.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 55.754 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136799.D

Acq: 28 Dec 2023 18:16

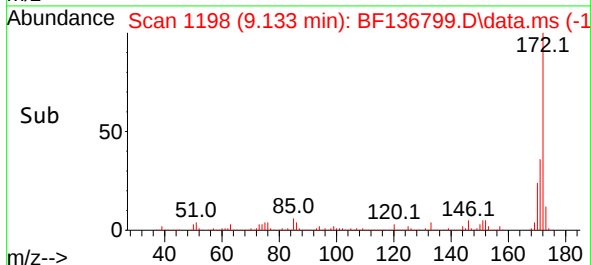
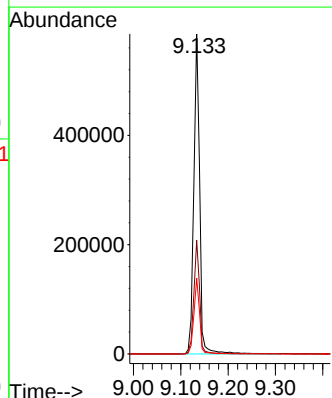
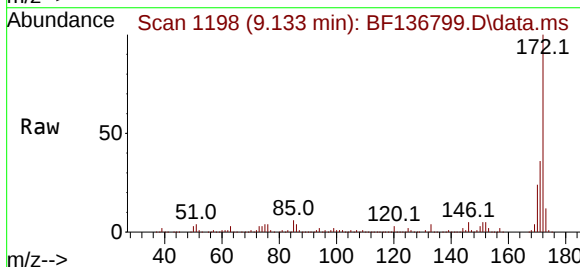
Tgt Ion:172 Resp: 503564

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136799.D

Acq: 28 Dec 2023 18:16

Instrument :

BNA_F

ClientSampleId :

PIERS

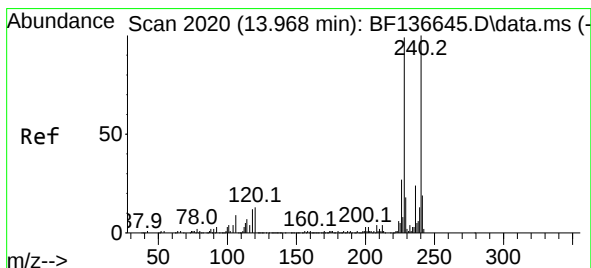
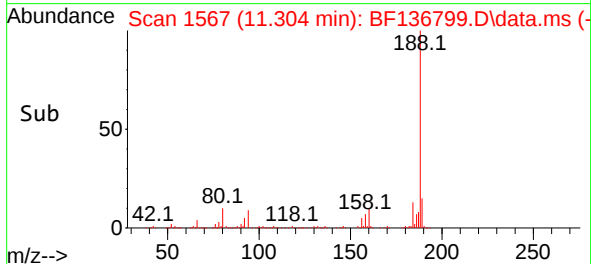
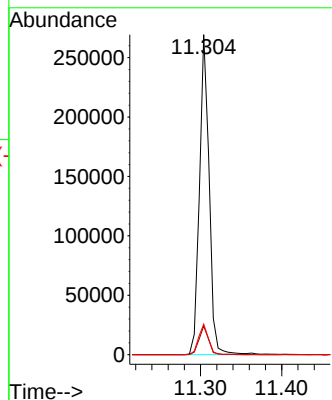
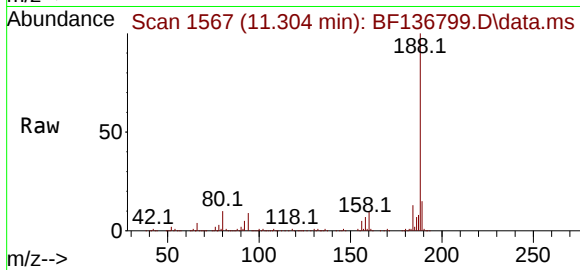
Tgt Ion:188 Resp: 224456

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.5 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136799.D

Acq: 28 Dec 2023 18:16

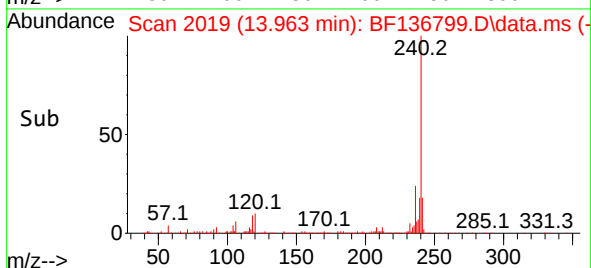
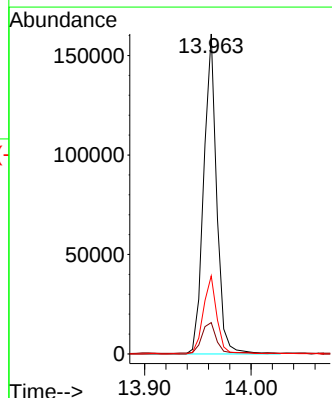
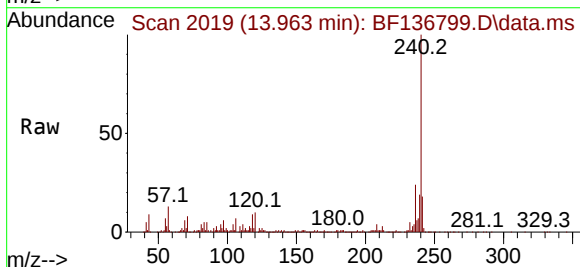
Tgt Ion:240 Resp: 136678

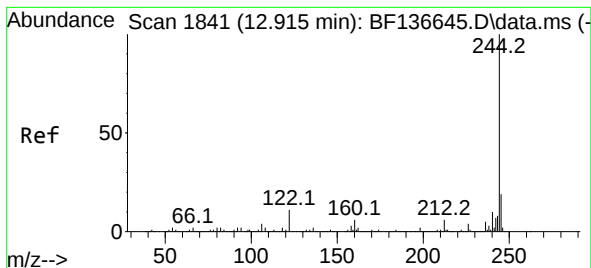
Ion Ratio Lower Upper

240 100

120 9.8 10.3 15.5#

236 24.4 19.4 29.2





#79

Terphenyl-d14

Concen: 49.231 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136799.D

Acq: 28 Dec 2023 18:16

Instrument :

BNA_F

ClientSampleId :

PIERS

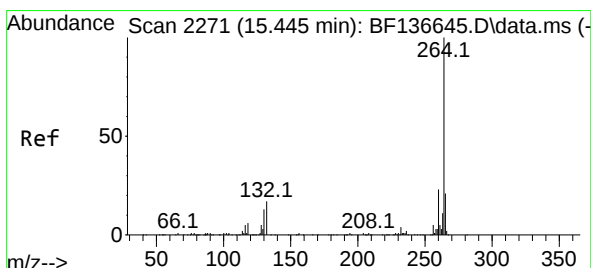
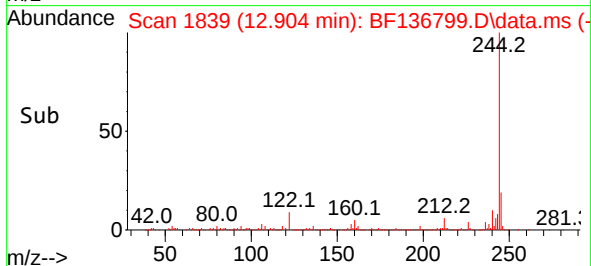
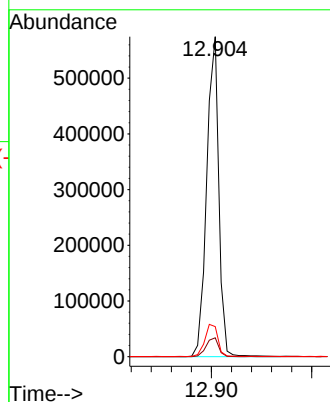
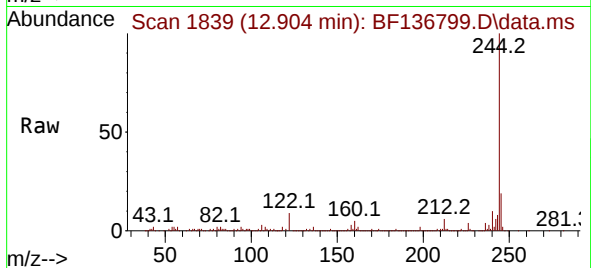
Tgt Ion:244 Resp: 481495

Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.4

122 9.4 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136799.D

Acq: 28 Dec 2023 18:16

Tgt Ion:264 Resp: 142911

Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

265 20.3 17.0 25.6

