

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135196.D
 Acq On : 12 Sep 2023 23:09
 Operator : CG\JU
 Sample : 04335-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AREA-1

Quant Time: Sep 13 02:48:12 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	6.763	152	109392	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	433808	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	225922	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	444527	20.000	ng	0.00
76) Chrysene-d12	13.939	240	245662	20.000	ng	0.00
86) Perylene-d12	15.404	264	220671	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	567521	84.379	ng	0.00
7) Phenol-d6	6.398	99	724331	84.694	ng	0.00
23) Nitrobenzene-d5	7.322	82	454159	56.878	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	203678	90.720	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	874374	58.391	ng	0.00
79) Terphenyl-d14	12.886	244	933949	58.935	ng	0.00

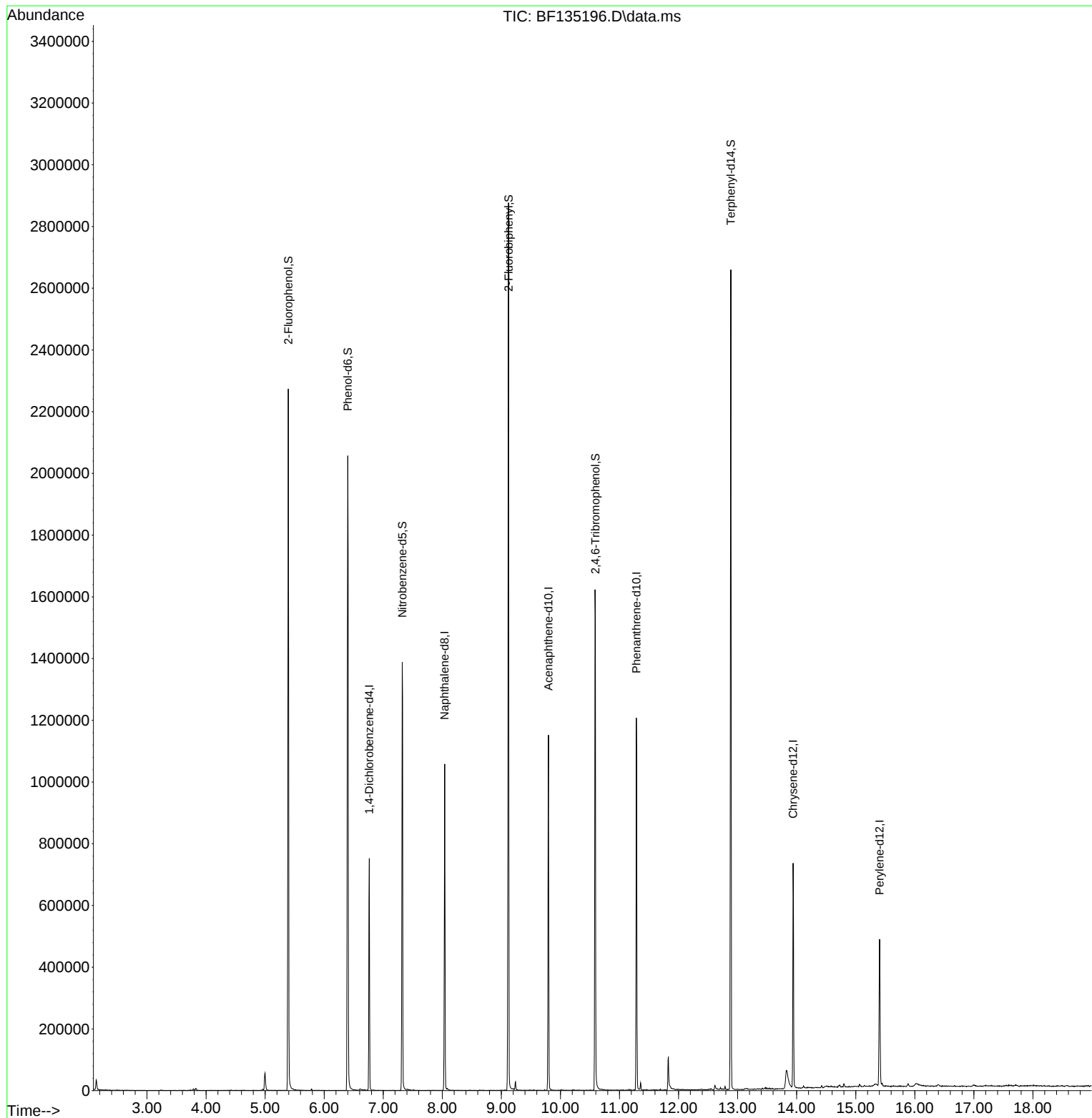
Target Compounds	Qvalue

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

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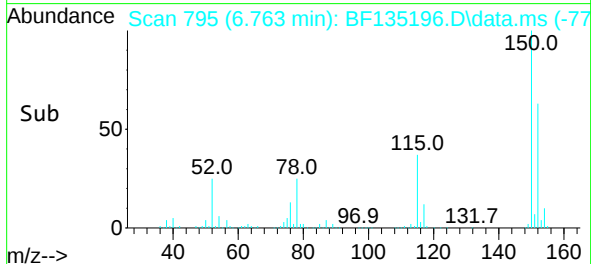
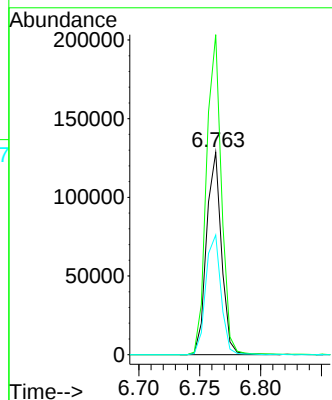
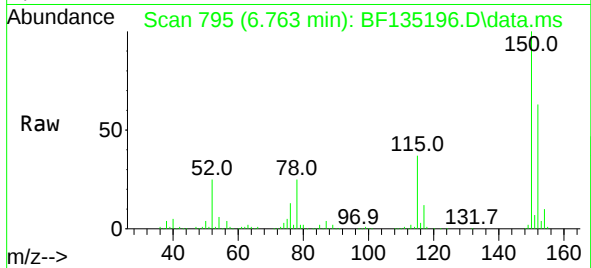




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135196.D
Acq: 12 Sep 2023 23:09

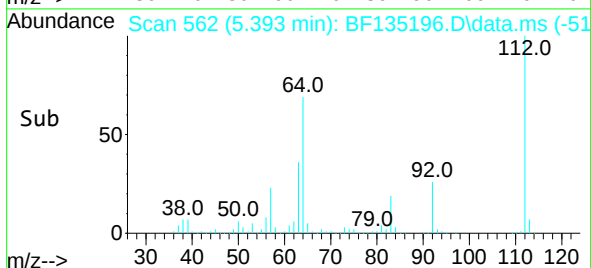
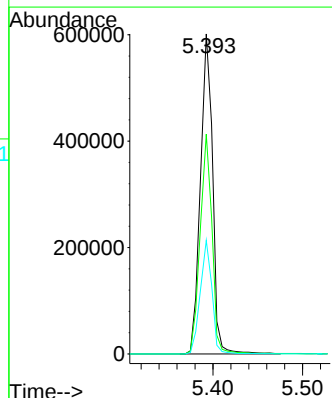
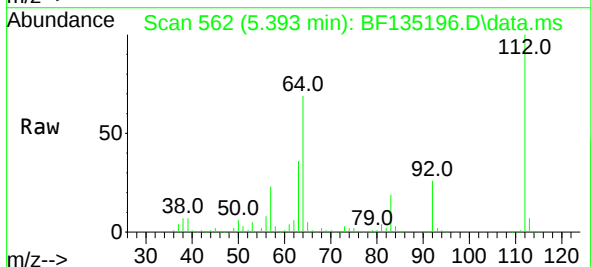
Instrument :
BNA_F
ClientSampleId :
AREA-1

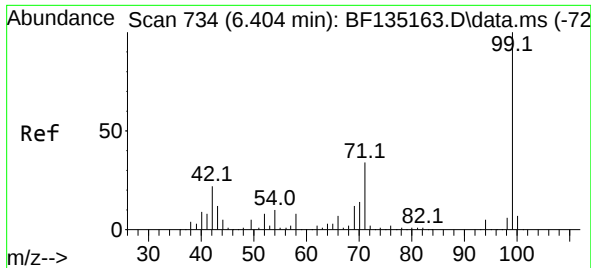
Tgt Ion:152 Resp: 109392
Ion Ratio Lower Upper
152 100
150 158.0 127.8 191.6
115 59.1 49.8 74.8



#5
2-Fluorophenol
Concen: 84.379 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135196.D
Acq: 12 Sep 2023 23:09

Tgt Ion:112 Resp: 567521
Ion Ratio Lower Upper
112 100
64 68.7 55.9 83.9
63 35.5 29.0 43.6





#7

Phenol-d6

Concen: 84.694 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135196.D

Acq: 12 Sep 2023 23:09

Instrument :

BNA_F

ClientSampleId :

AREA-1

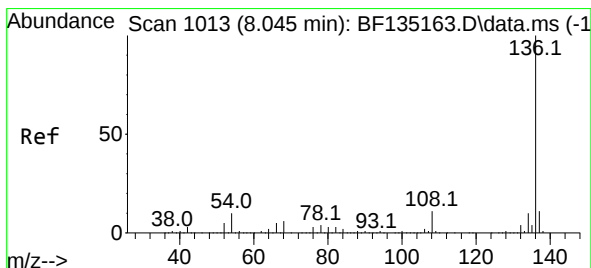
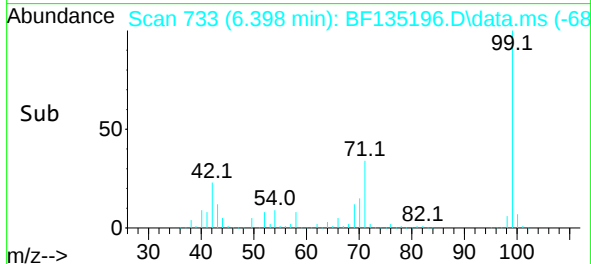
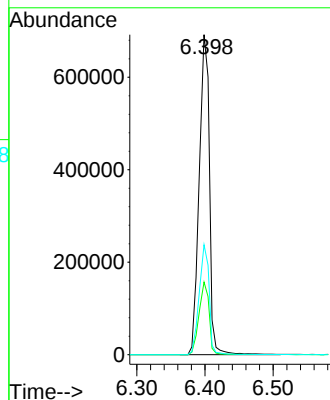
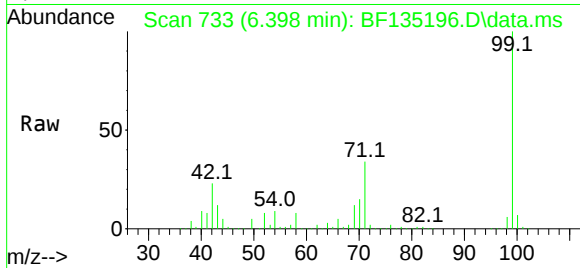
Tgt Ion: 99 Resp: 724331

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

71 34.4 27.0 40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.039 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF135196.D

Acq: 12 Sep 2023 23:09

Tgt Ion: 136 Resp: 433808

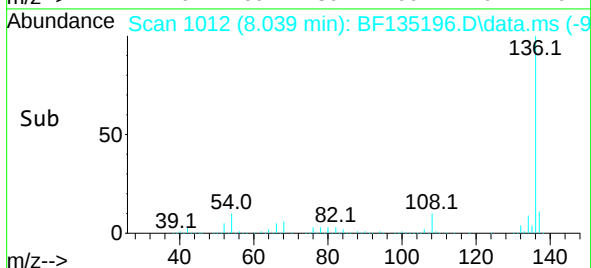
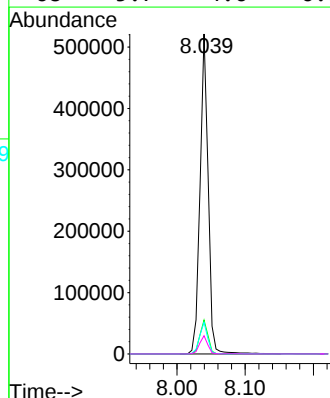
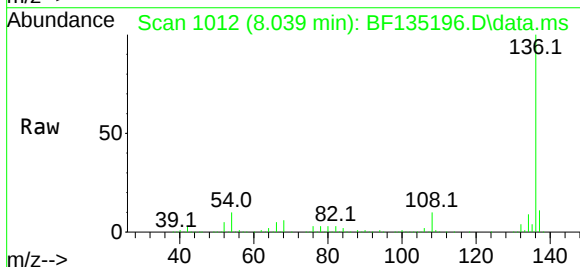
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.8 7.7 11.5

68 5.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 56.878 ng

RT: 7.322 min Scan# 892

Delta R.T. -0.012 min

Lab File: BF135196.D

Acq: 12 Sep 2023 23:09

Instrument :

BNA_F

ClientSampleId :

AREA-1

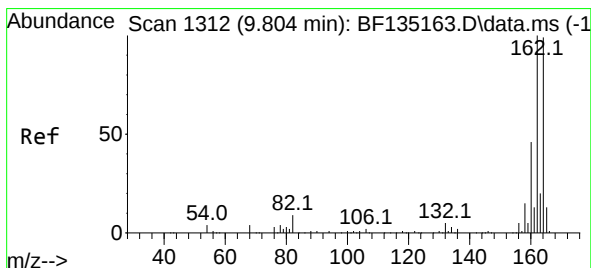
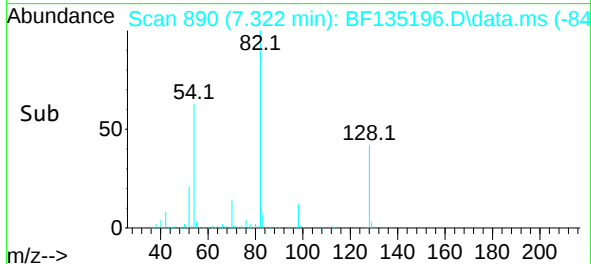
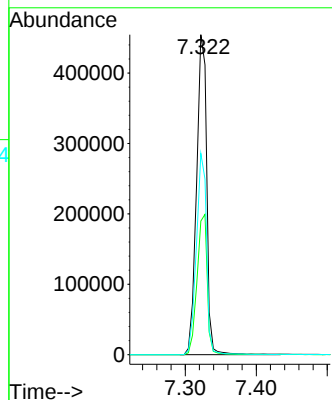
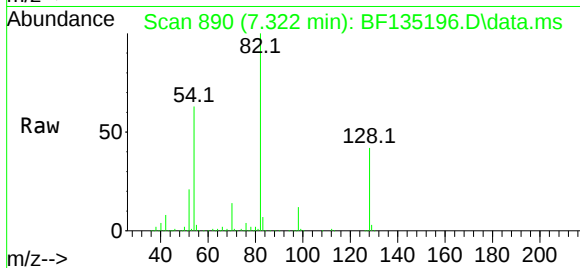
Tgt Ion: 82 Resp: 454159

Ion Ratio Lower Upper

82 100

128 41.8 35.8 53.6

54 62.9 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135196.D

Acq: 12 Sep 2023 23:09

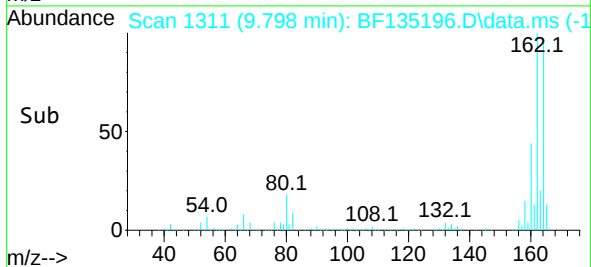
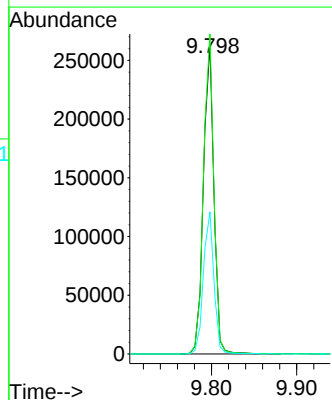
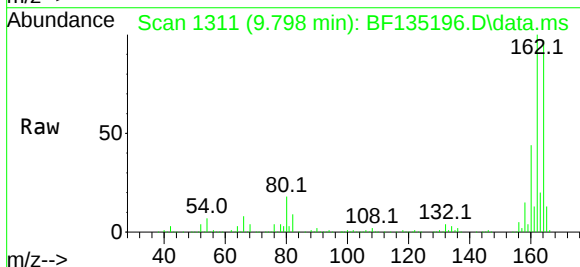
Tgt Ion: 164 Resp: 225922

Ion Ratio Lower Upper

164 100

162 103.5 81.0 121.4

160 46.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 90.720 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135196.D

Acq: 12 Sep 2023 23:09

Instrument :

BNA_F

ClientSampleId :

AREA-1

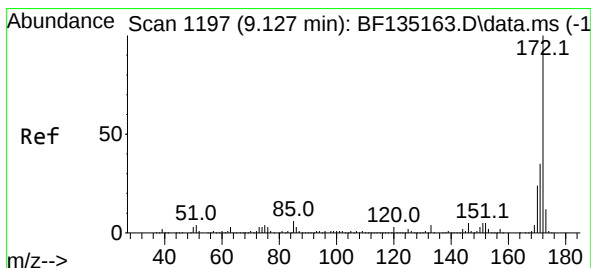
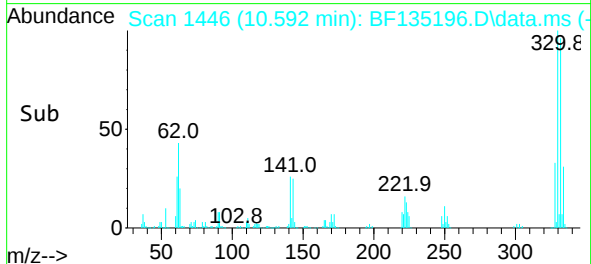
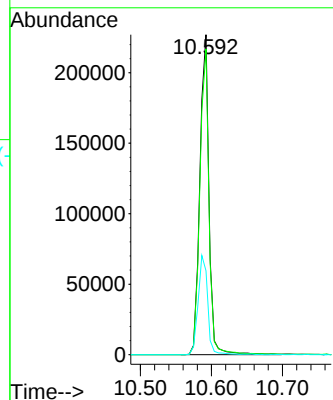
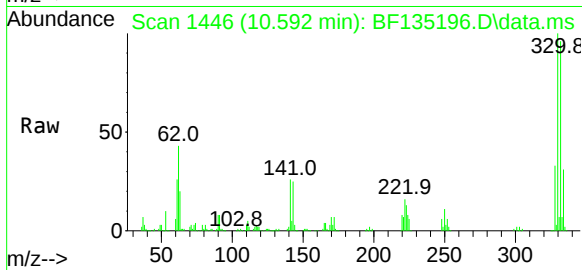
Tgt Ion:330 Resp: 203678

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 32.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 58.391 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135196.D

Acq: 12 Sep 2023 23:09

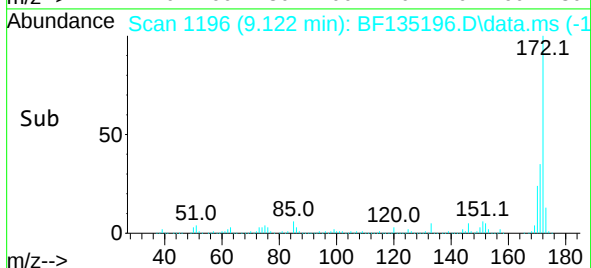
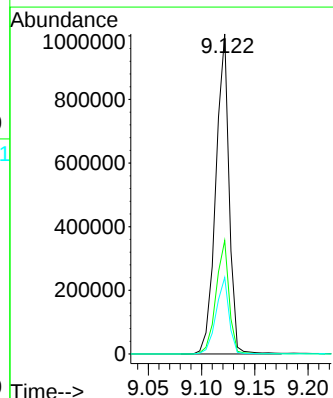
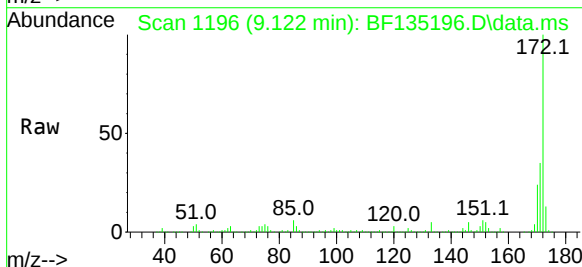
Tgt Ion:172 Resp: 874374

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.9 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: BF135196.D

Acq: 12 Sep 2023 23:09

Instrument :

BNA_F

ClientSampleId :

AREA-1

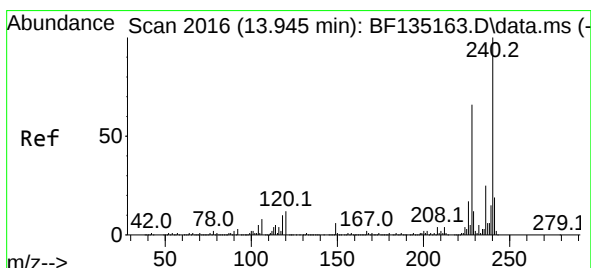
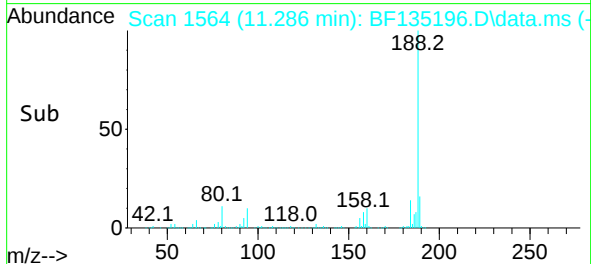
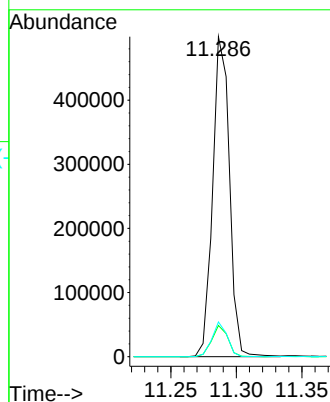
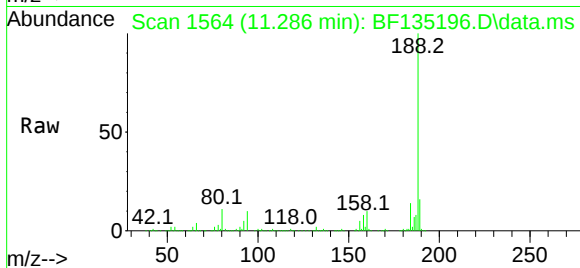
Tgt Ion:188 Resp: 444527

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

80 10.8 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: BF135196.D

Acq: 12 Sep 2023 23:09

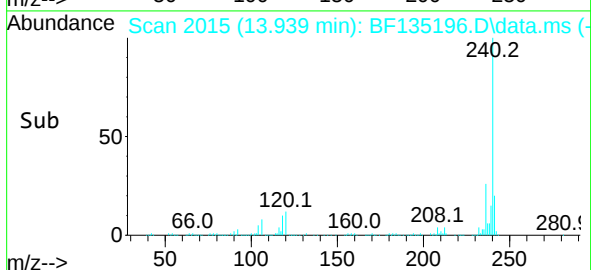
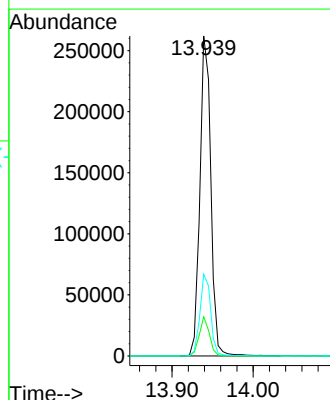
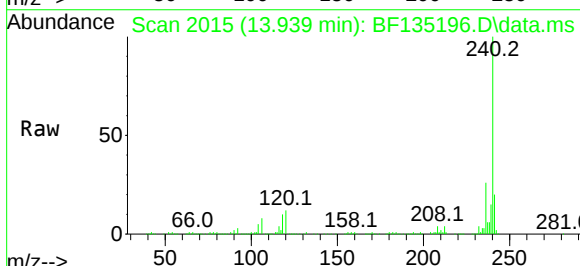
Tgt Ion:240 Resp: 245662

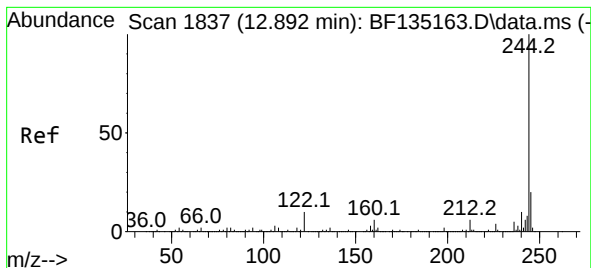
Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

236 25.6 19.8 29.8





#79

Terphenyl-d14

Concen: 58.935 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135196.D

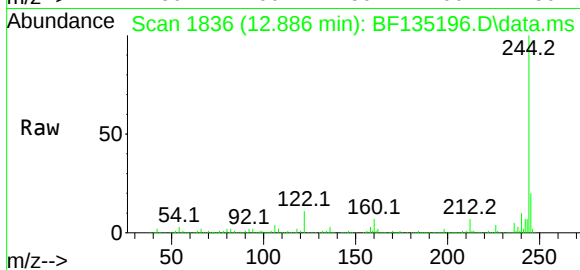
Acq: 12 Sep 2023 23:09

Instrument :

BNA_F

ClientSampleId :

AREA-1



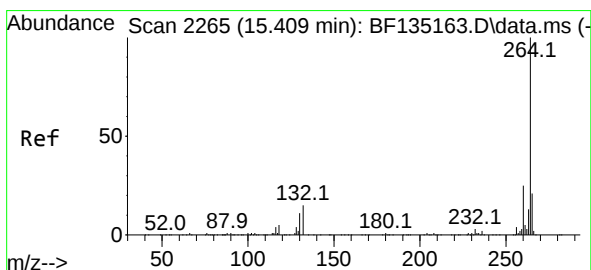
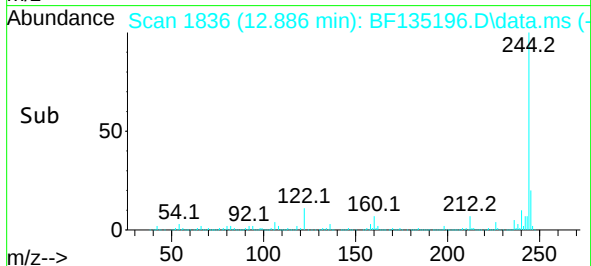
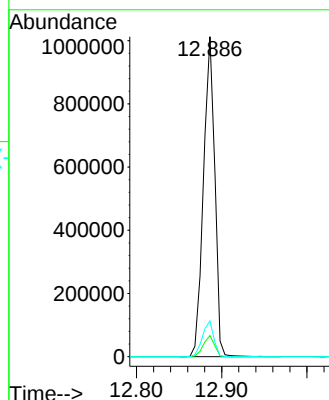
Tgt Ion:244 Resp: 933949

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 11.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF135196.D

Acq: 12 Sep 2023 23:09

Tgt Ion:264 Resp: 220671

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.6

265 22.2 17.0 25.4

