

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135130.D
 Acq On : 07 Sep 2023 12:42
 Operator : CG\JU
 Sample : 04283-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Sep 07 13:38:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	103156	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	425202	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	219777	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	387369	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	201114	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	209572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	634830	95.057	ng	0.00
7) Phenol-d6	6.410	99	799993	96.104	ng	0.00
23) Nitrobenzene-d5	7.334	82	483813	63.925	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	217081	93.113	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	897110	66.458	ng	-0.01
79) Terphenyl-d14	12.898	244	884077	71.737	ng	0.00

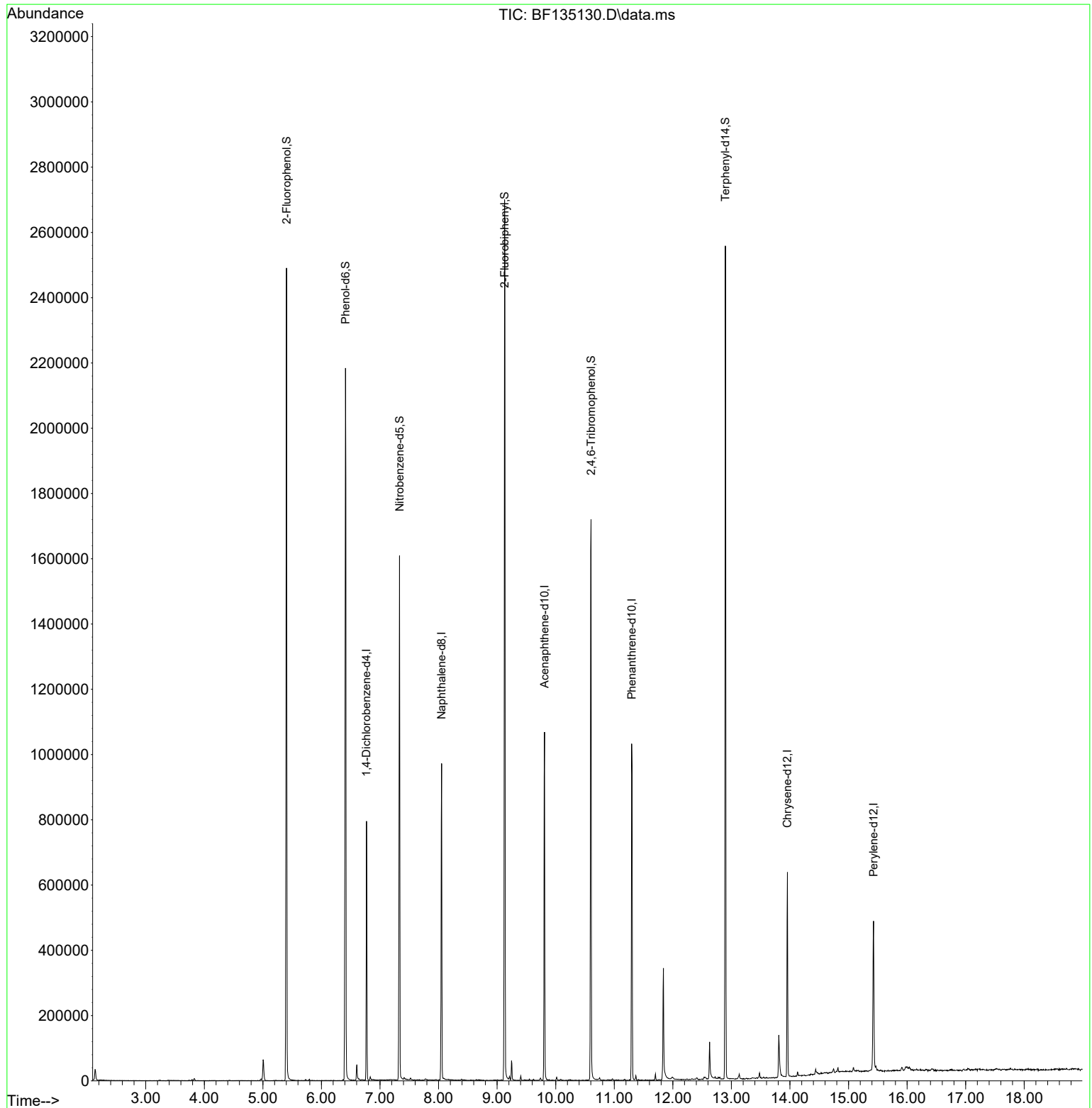
Target Compounds Qvalue

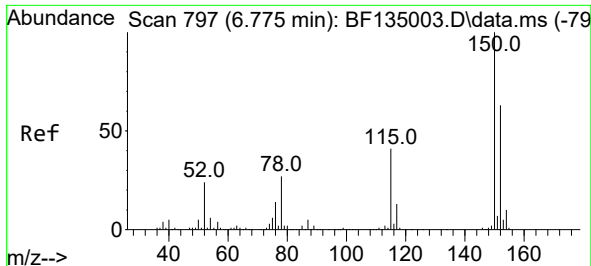
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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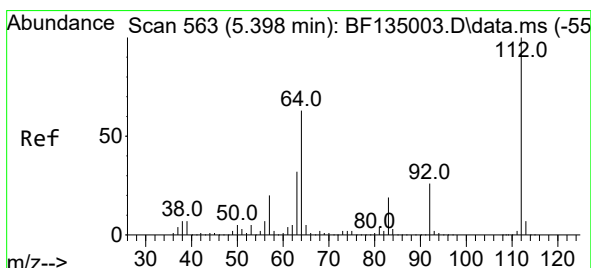
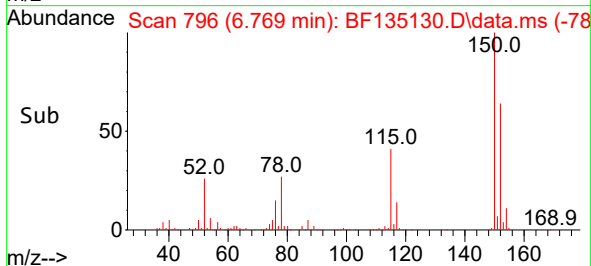
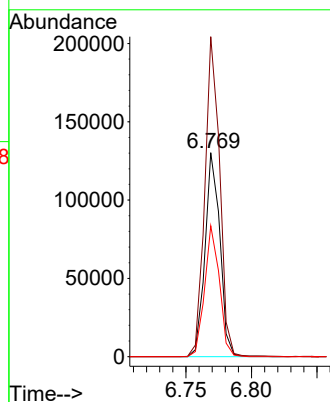
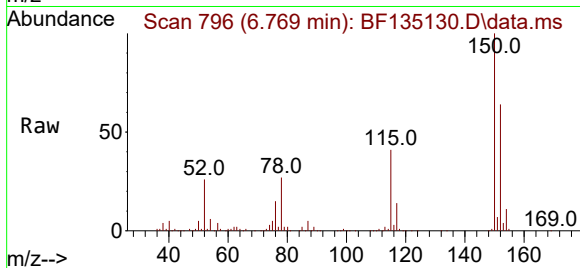




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135130.D
Acq: 07 Sep 2023 12:42

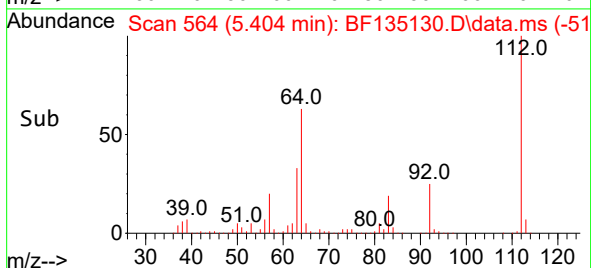
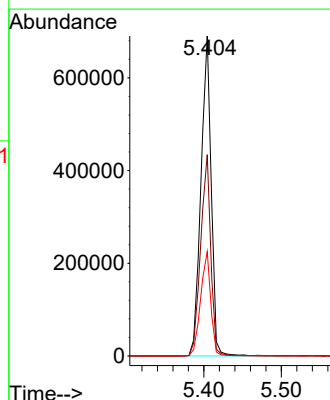
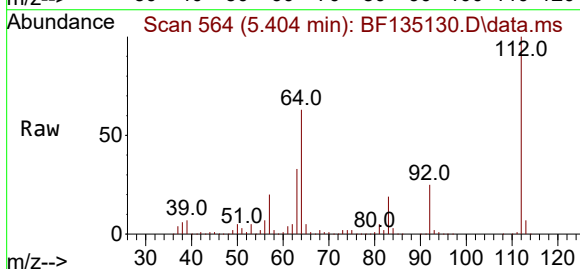
Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:152 Resp: 103156
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.4
115 64.2 51.2 76.8



#5
2-Fluorophenol
Concen: 95.057 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135130.D
Acq: 07 Sep 2023 12:42

Tgt Ion:112 Resp: 634830
Ion Ratio Lower Upper
112 100
64 62.9 50.5 75.7
63 32.6 25.9 38.9





#7

Phenol-d6

Concen: 96.104 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135130.D

Acq: 07 Sep 2023 12:42

Instrument :

BNA_F

ClientSampleId :

SB-2

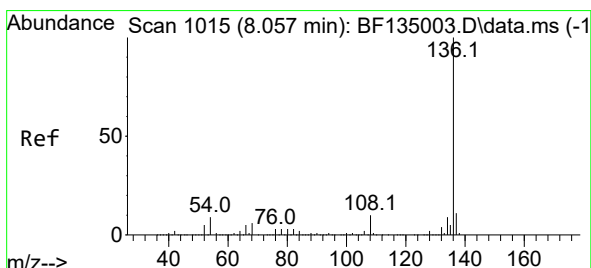
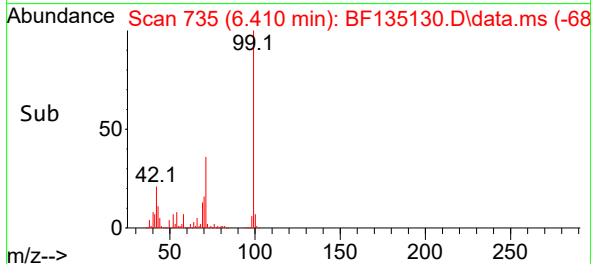
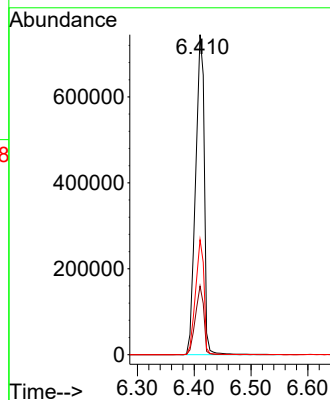
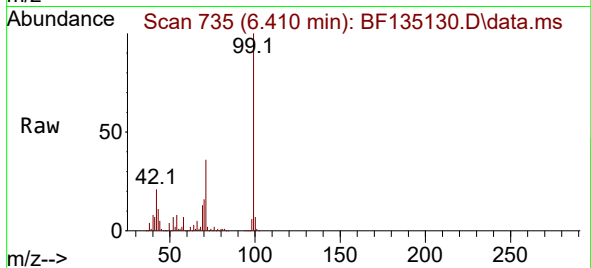
Tgt Ion: 99 Resp: 799993

Ion Ratio Lower Upper

99 100

42 21.4 16.6 25.0

71 36.0 27.0 40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.051 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF135130.D

Acq: 07 Sep 2023 12:42

Tgt Ion:136 Resp: 425202

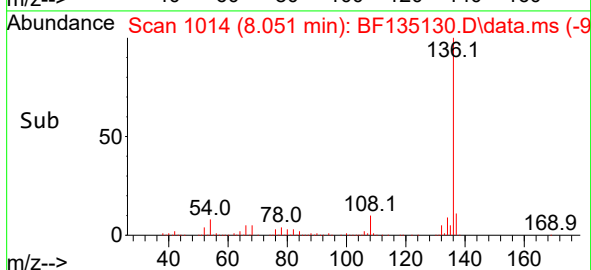
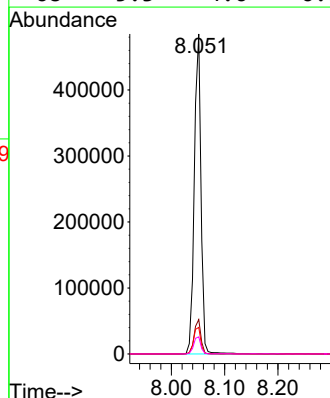
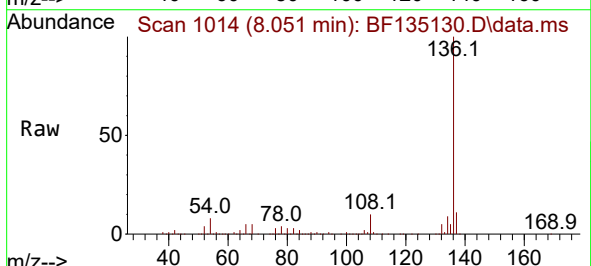
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.3 7.0 10.4

68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 63.925 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135130.D

Acq: 07 Sep 2023 12:42

Instrument :

BNA_F

ClientSampleId :

SB-2

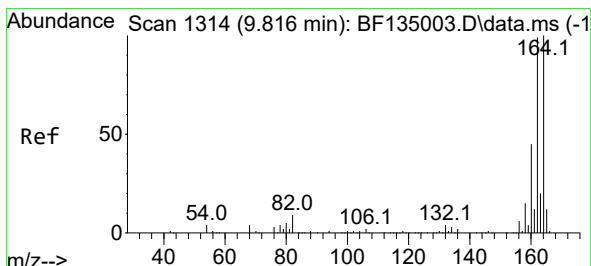
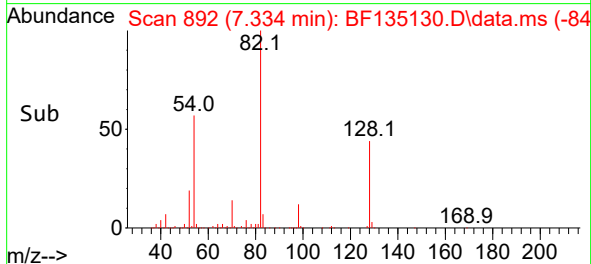
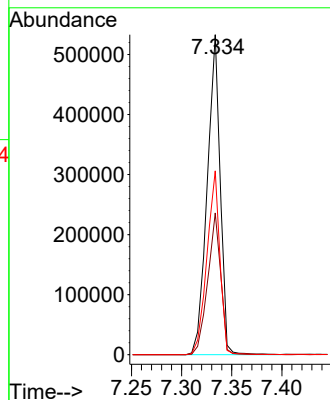
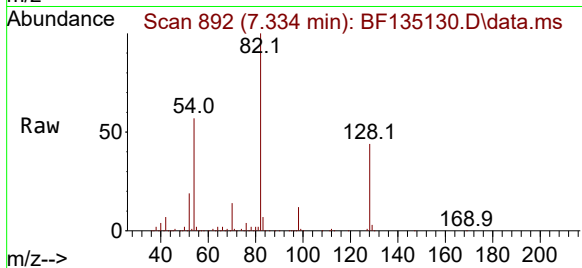
Tgt Ion: 82 Resp: 483813

Ion Ratio Lower Upper

82 100

128 44.3 37.8 56.8

54 57.5 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135130.D

Acq: 07 Sep 2023 12:42

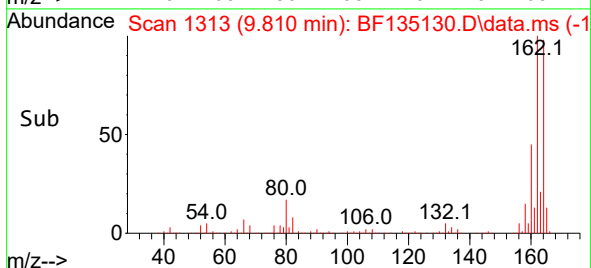
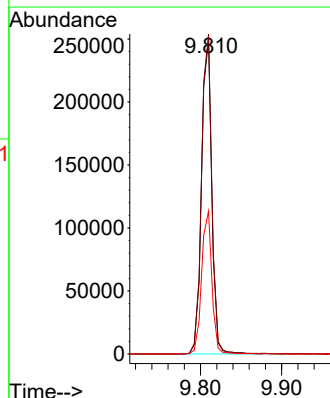
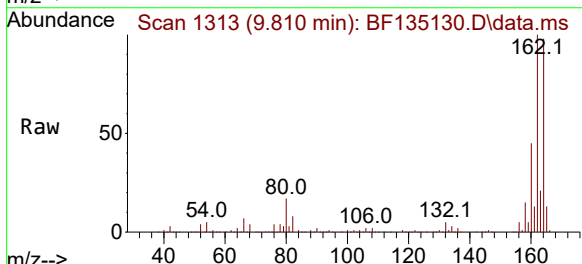
Tgt Ion:164 Resp: 219777

Ion Ratio Lower Upper

164 100

162 101.9 79.5 119.3

160 45.5 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 93.113 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135130.D

Acq: 07 Sep 2023 12:42

Instrument :

BNA_F

ClientSampleId :

SB-2

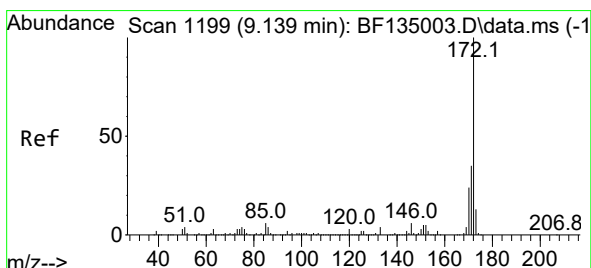
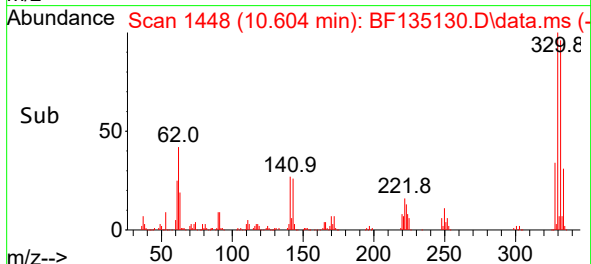
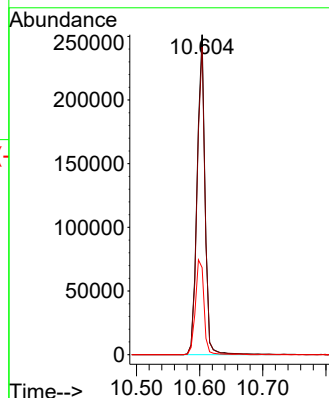
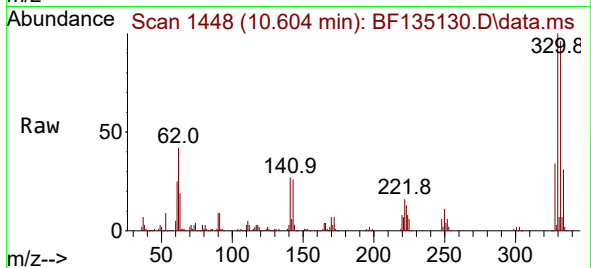
Tgt Ion:330 Resp: 217081

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 32.4 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 66.458 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135130.D

Acq: 07 Sep 2023 12:42

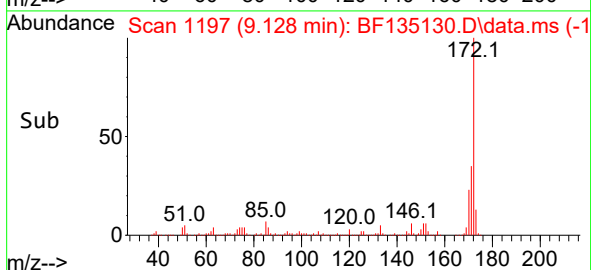
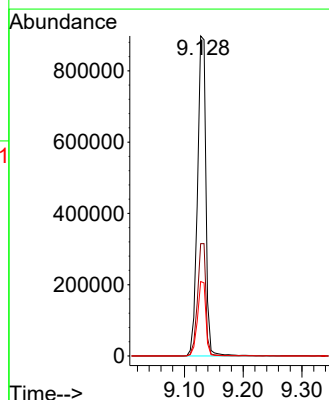
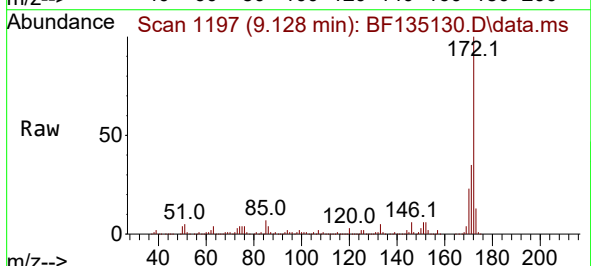
Tgt Ion:172 Resp: 897110

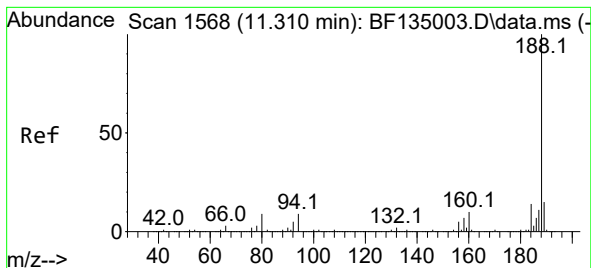
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135130.D

Acq: 07 Sep 2023 12:42

Instrument :

BNA_F

ClientSampleId :

SB-2

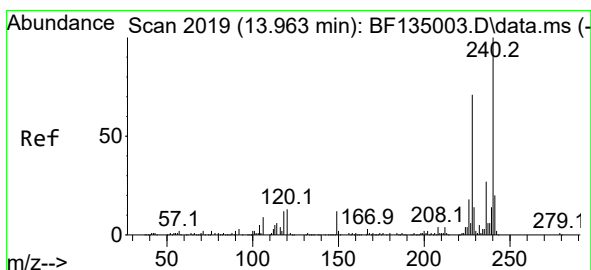
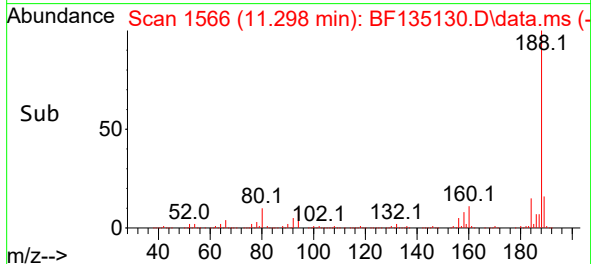
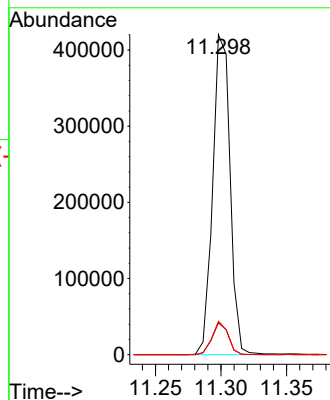
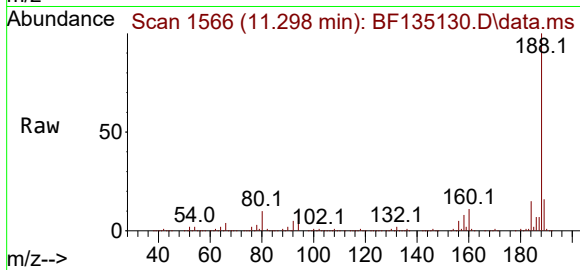
Tgt Ion:188 Resp: 387369

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 10.4 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF135130.D

Acq: 07 Sep 2023 12:42

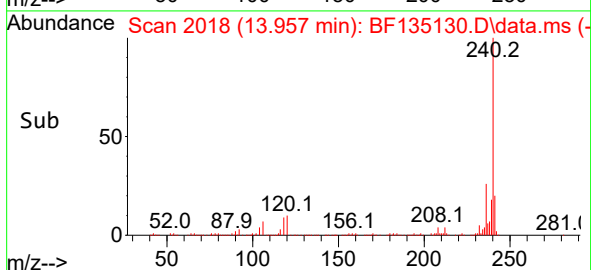
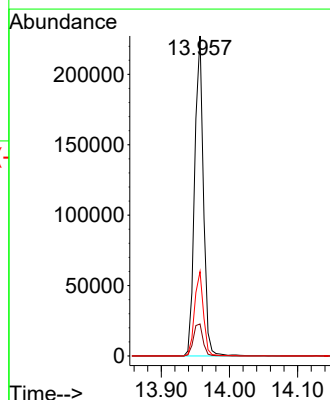
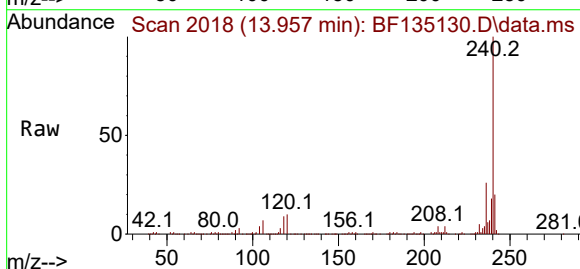
Tgt Ion:240 Resp: 201114

Ion Ratio Lower Upper

240 100

120 10.0 10.2 15.2#

236 26.3 21.3 31.9

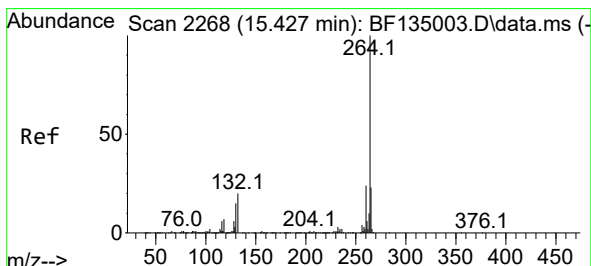
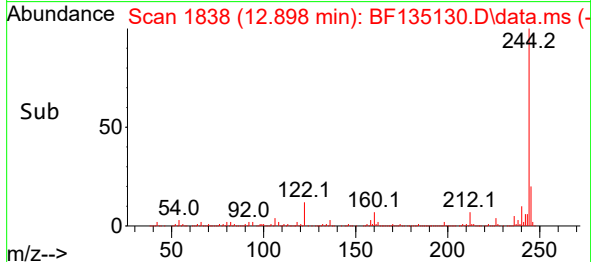
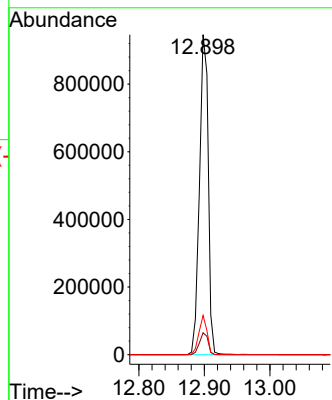
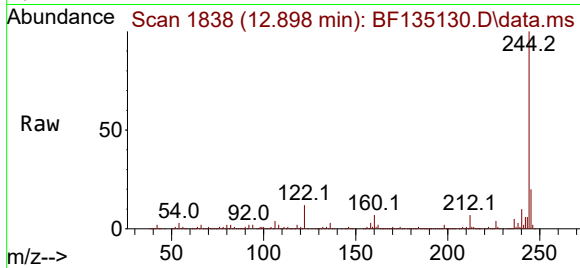




#79
 Terphenyl-d14
 Concen: 71.737 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135130.D
 Acq: 07 Sep 2023 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion:244 Resp: 884077
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 12.2 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: BF135130.D
 Acq: 07 Sep 2023 12:42

Tgt Ion:264 Resp: 209572
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.1 18.2 27.2

