

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135393.D
 Acq On : 22 Sep 2023 11:00
 Operator : CG\JU
 Sample : PB155676BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155676BL

Quant Time: Sep 23 04:39:12 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	6.757	152	156449	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	585717	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	290408	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	543132	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	317208	20.000	ng	0.00
86) Perylene-d12	15.410	264	293569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1122057	116.649	ng	0.01
7) Phenol-d6	6.410	99	1424712	116.482	ng	0.00
23) Nitrobenzene-d5	7.322	82	910336	84.440	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	313171	108.516	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1499807	77.918	ng	-0.01
79) Terphenyl-d14	12.886	244	1464060	71.548	ng	0.00

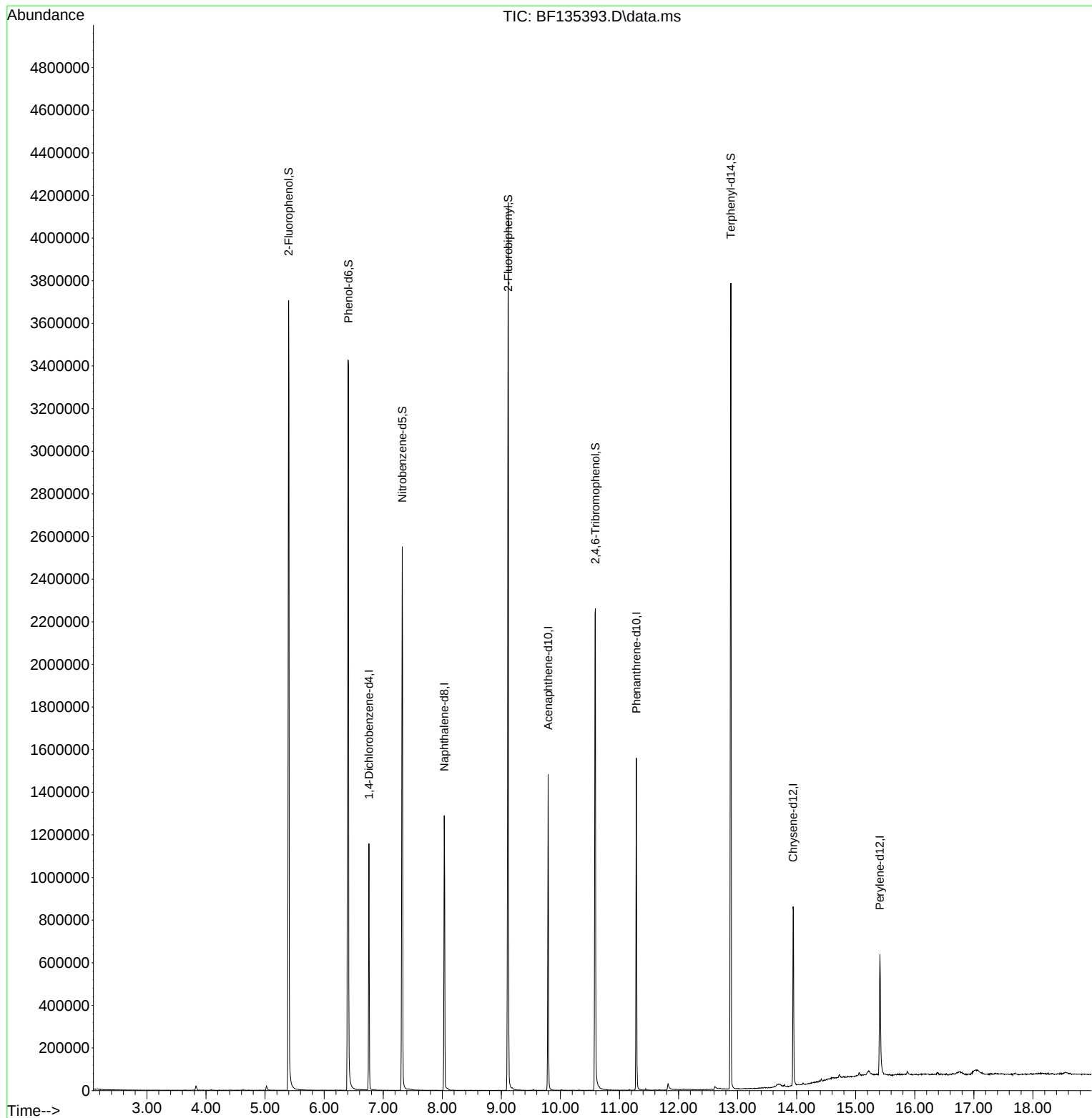
Target Compounds	Qvalue

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

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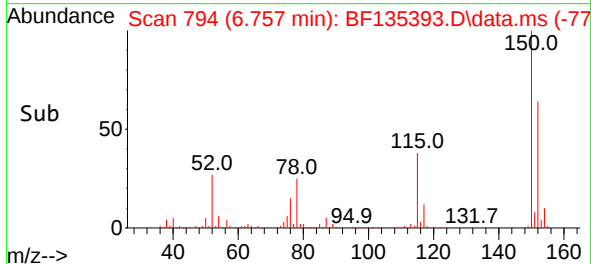
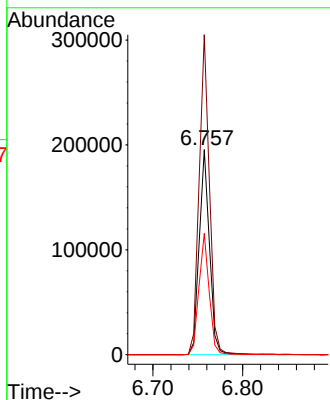
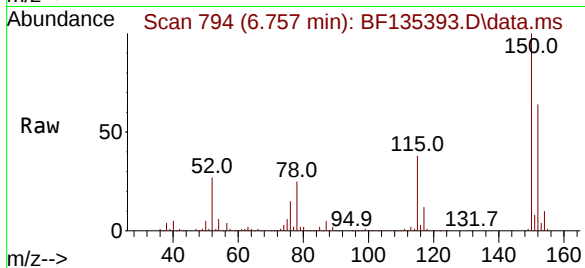




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135393.D
 Acq: 22 Sep 2023 11:00

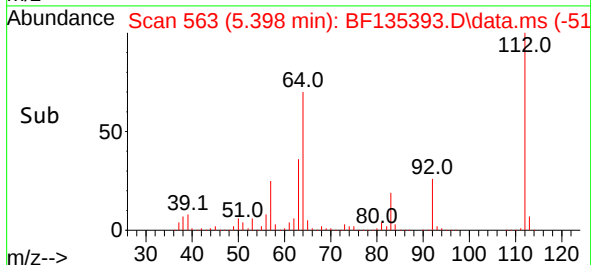
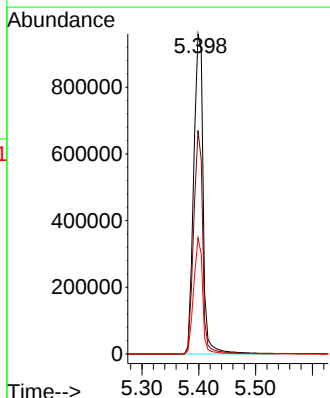
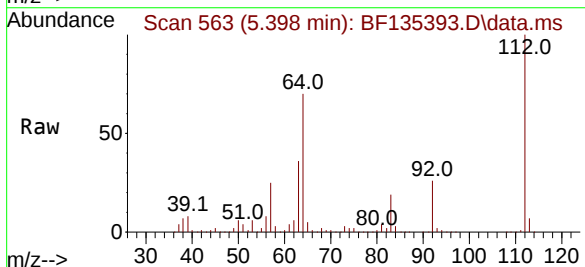
Instrument :
 BNA_F
 ClientSampleId :
 PB155676BL

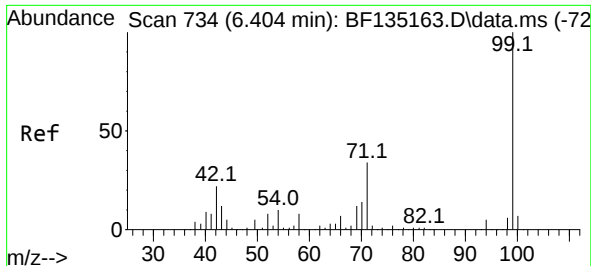
Tgt Ion:152 Resp: 156449
 Ion Ratio Lower Upper
 152 100
 150 156.0 127.8 191.6
 115 59.1 49.8 74.8



#5
 2-Fluorophenol
 Concen: 116.649 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF135393.D
 Acq: 22 Sep 2023 11:00

Tgt Ion:112 Resp: 1122057
 Ion Ratio Lower Upper
 112 100
 64 69.8 55.9 83.9
 63 36.3 29.0 43.6

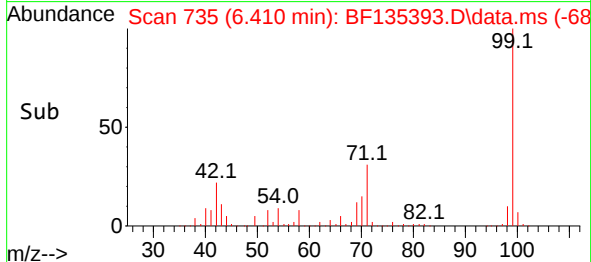
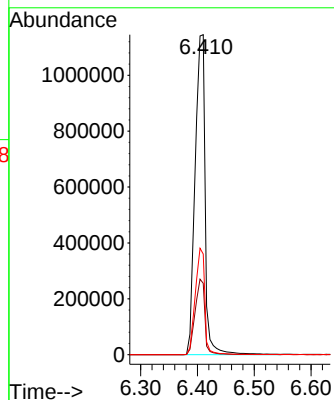
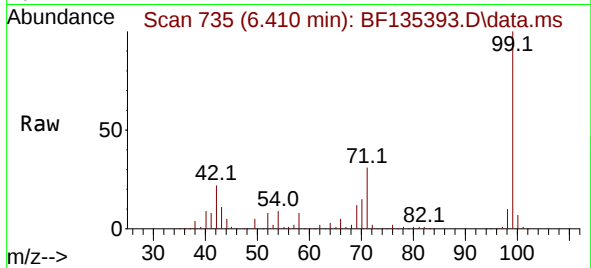




#7
Phenol-d6
Concen: 116.482 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

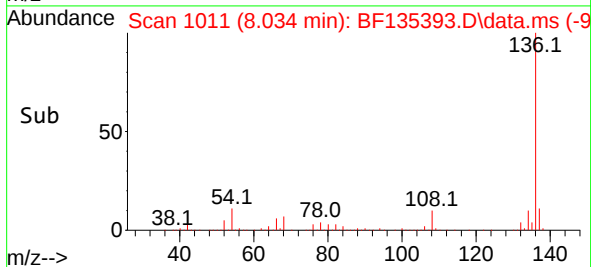
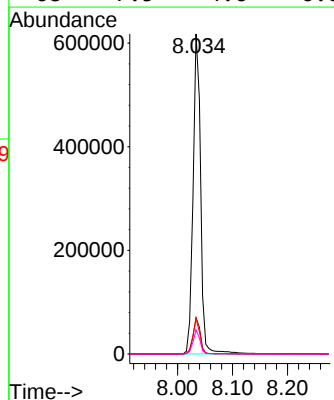
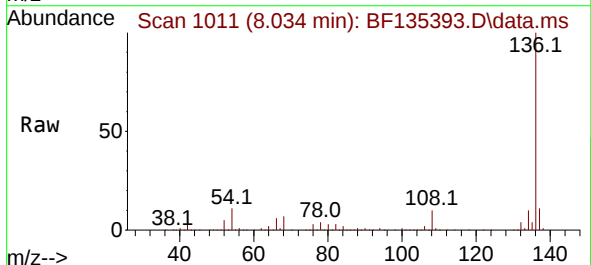
Instrument :
BNA_F
ClientSampleId :
PB155676BL

Tgt Ion: 99 Resp: 1424712
Ion Ratio Lower Upper
99 100
42 22.3 17.9 26.9
71 31.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

Tgt Ion: 136 Resp: 585717
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 11.0 7.7 11.5
68 7.5 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 84.440 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135393.D

Acq: 22 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155676BL

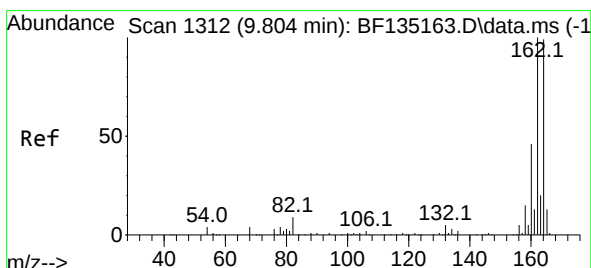
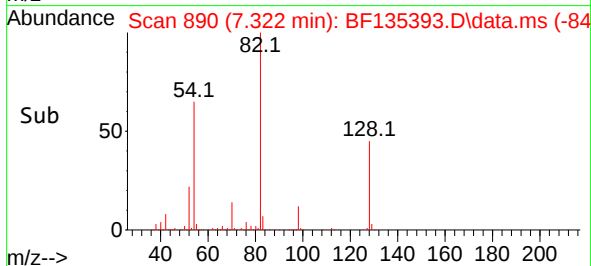
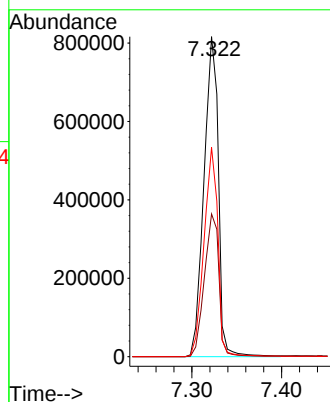
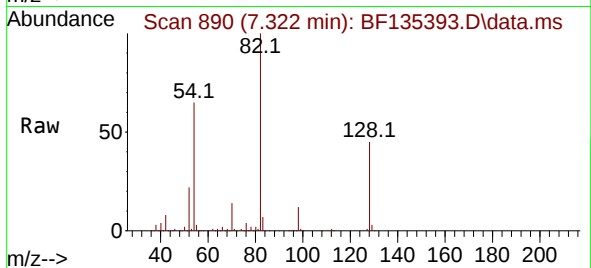
Tgt Ion: 82 Resp: 910336

Ion Ratio Lower Upper

82 100

128 44.6 35.8 53.6

54 65.4 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135393.D

Acq: 22 Sep 2023 11:00

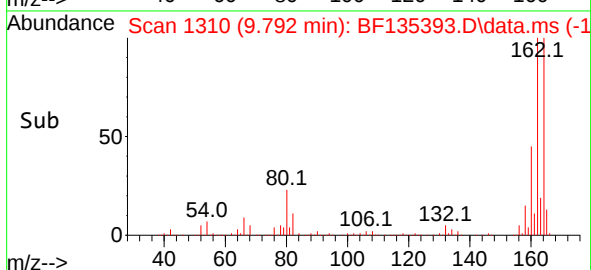
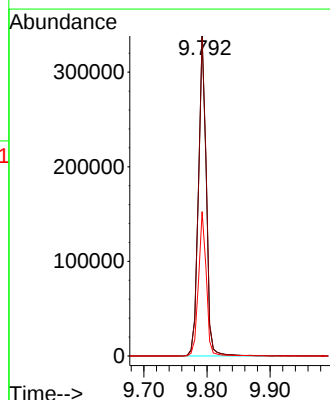
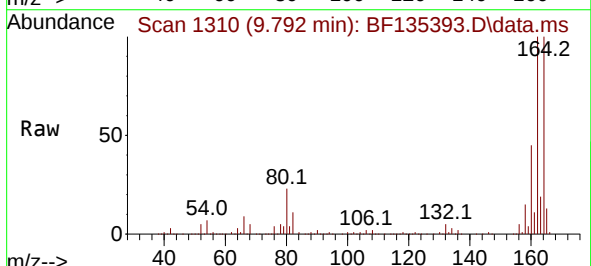
Tgt Ion: 164 Resp: 290408

Ion Ratio Lower Upper

164 100

162 99.6 81.0 121.4

160 45.1 37.0 55.4

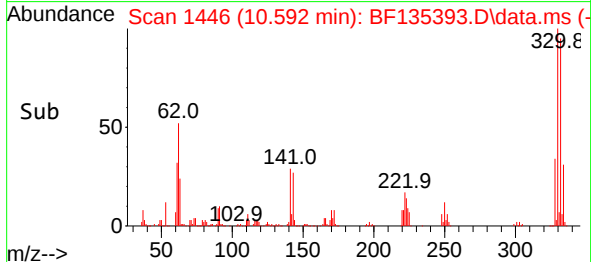
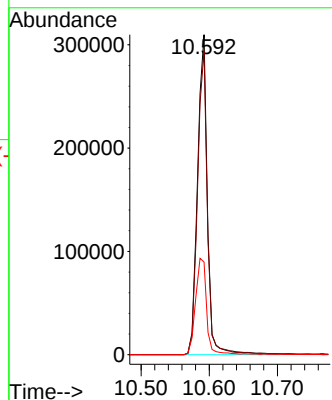
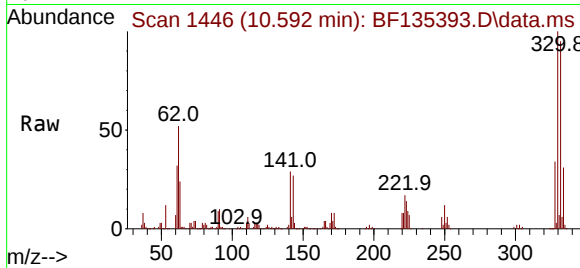




#42
2,4,6-Tribromophenol
Concen: 108.516 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

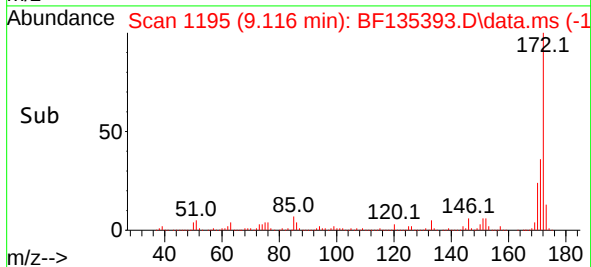
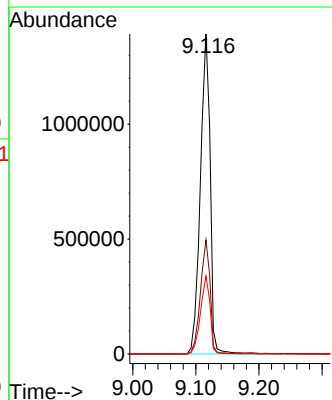
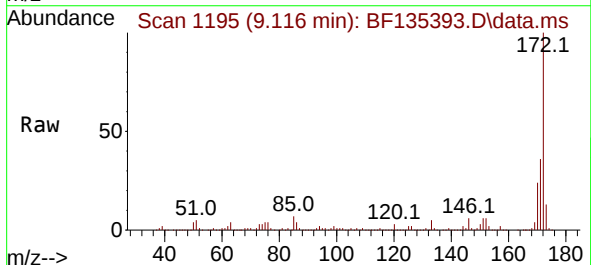
Instrument :
BNA_F
ClientSampleId :
PB155676BL

Tgt Ion:330 Resp: 313171
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 33.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 77.918 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

Tgt Ion:172 Resp: 1499807
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.3 19.0 28.4

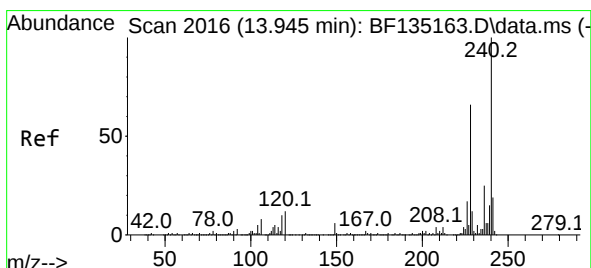
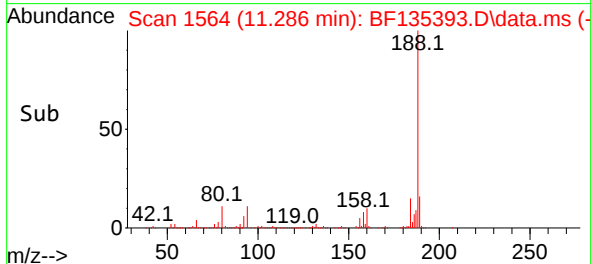
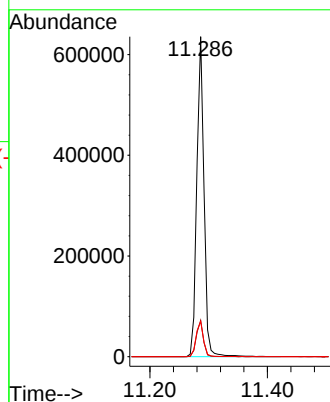
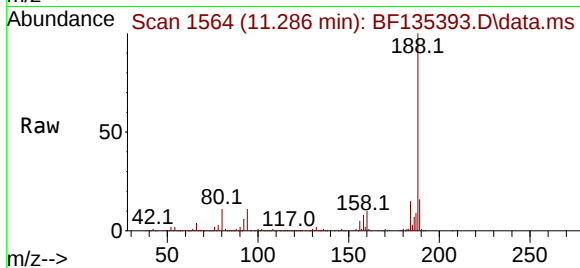




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135393.D
Acq: 22 Sep 2023 11:00

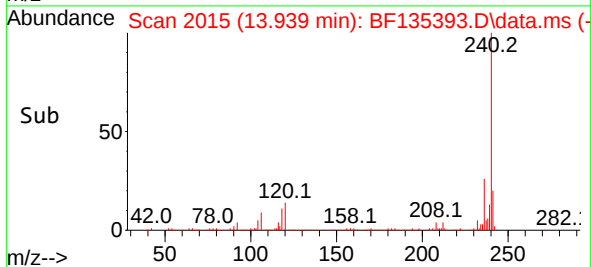
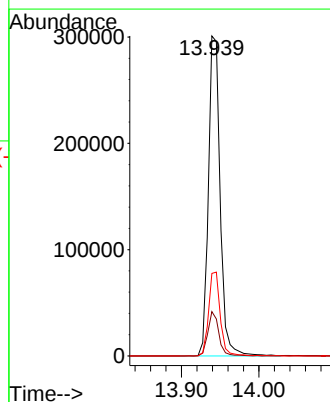
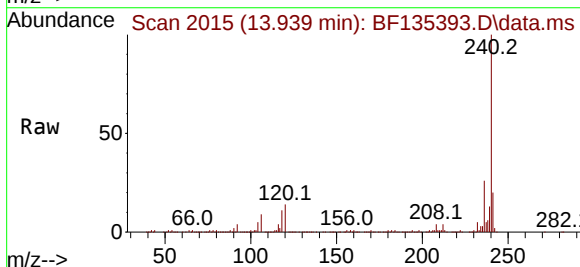
Instrument :
BNA_F
ClientSampleId :
PB155676BL

Tgt Ion:188 Resp: 543132
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 11.0 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: BF135393.D
Acq: 22 Sep 2023 11:00

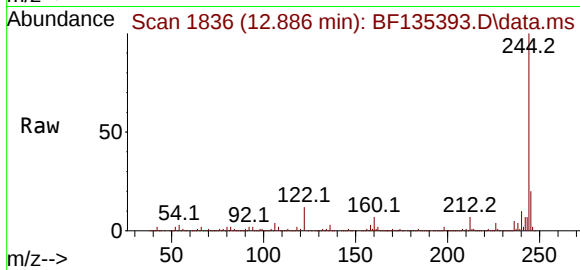
Tgt Ion:240 Resp: 317208
Ion Ratio Lower Upper
240 100
120 13.8 9.4 14.2
236 25.8 19.8 29.8



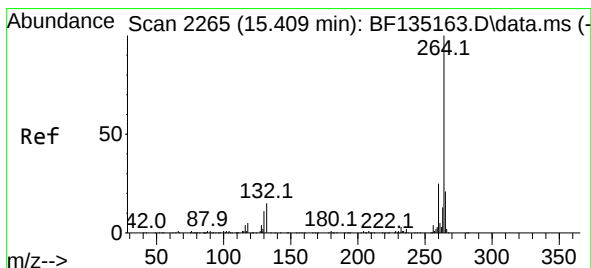
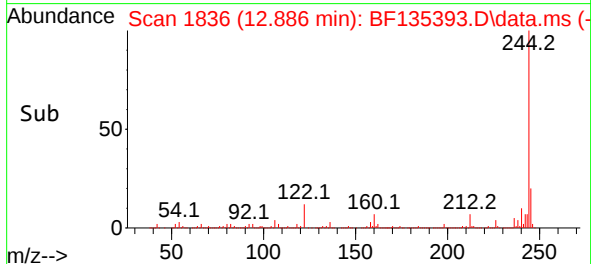
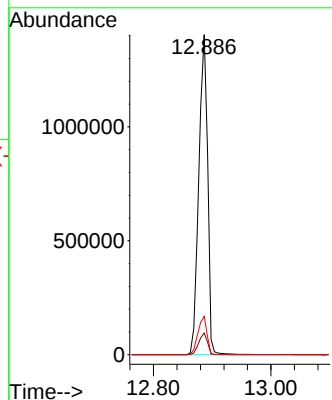


#79
 Terphenyl-d14
 Concen: 71.548 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135393.D
 Acq: 22 Sep 2023 11:00

Instrument :
 BNA_F
 ClientSampleId :
 PB155676BL



Tgt Ion:244 Resp: 1464060
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.9 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: BF135393.D
 Acq: 22 Sep 2023 11:00

Tgt Ion:264 Resp: 293569
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 22.4 17.0 25.4

