

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135395.D
 Acq On : 22 Sep 2023 12:03
 Operator : CG\JU
 Sample : PB155675BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155675BL

Quant Time: Sep 23 04:40:26 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	134913	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	514137	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	249775	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	471705	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	259953	20.000	ng	0.00
86) Perylene-d12	15.415	264	255986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1080872	130.305	ng	0.01
7) Phenol-d6	6.404	99	1364522	129.369	ng	0.00
23) Nitrobenzene-d5	7.322	82	859557	90.830	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	290636	117.090	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1411044	85.232	ng	-0.01
79) Terphenyl-d14	12.886	244	1352346	80.645	ng	0.00

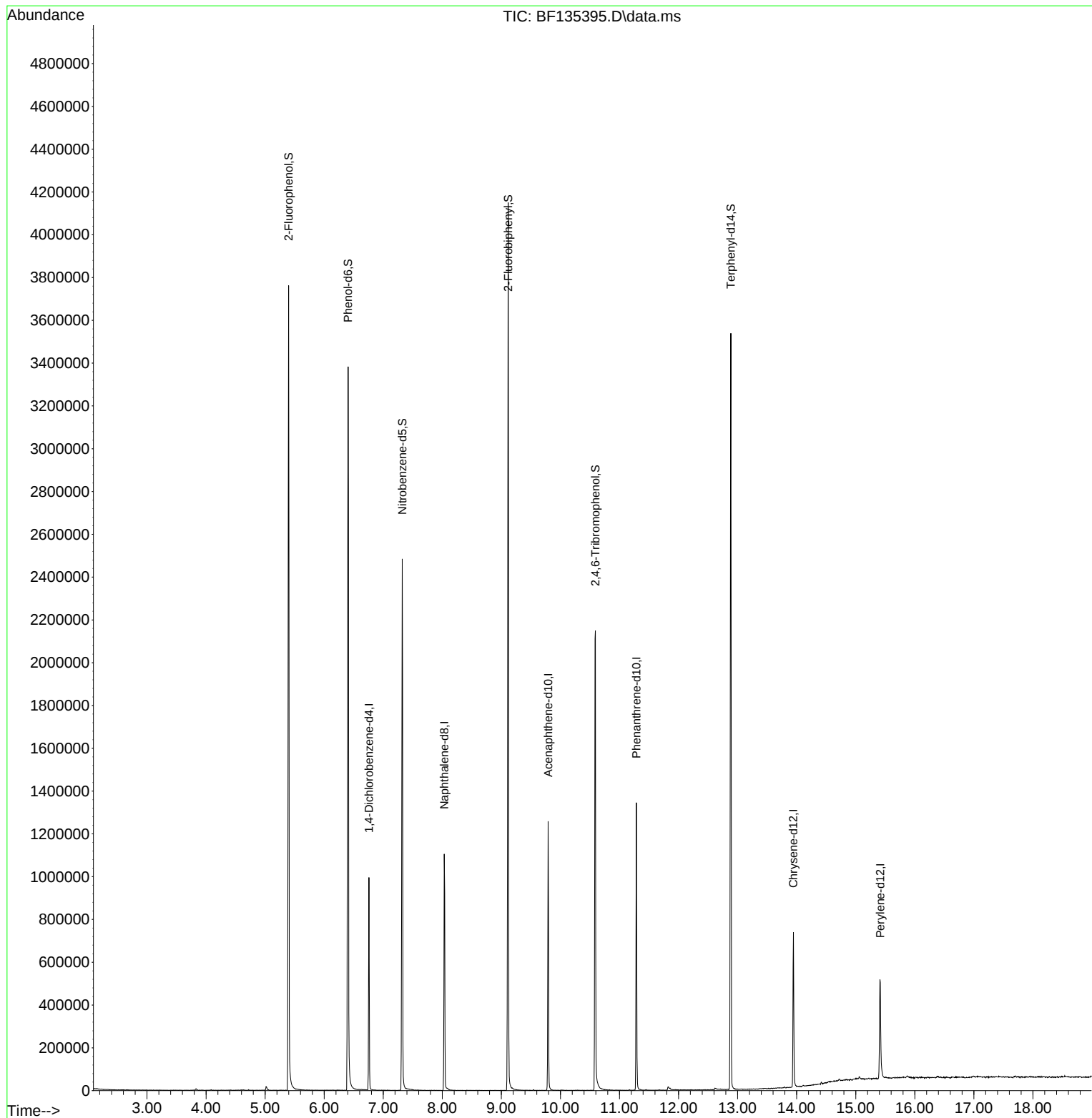
Target Compounds	Qvalue

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

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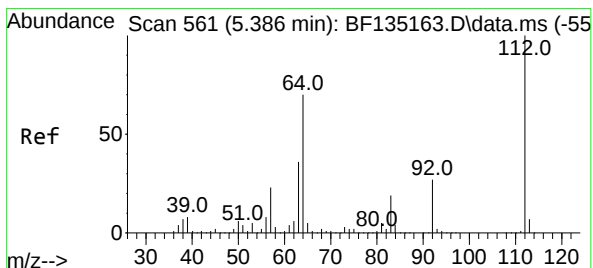
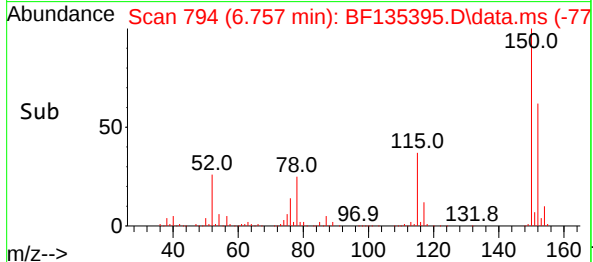
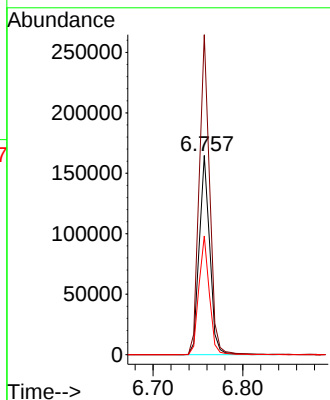
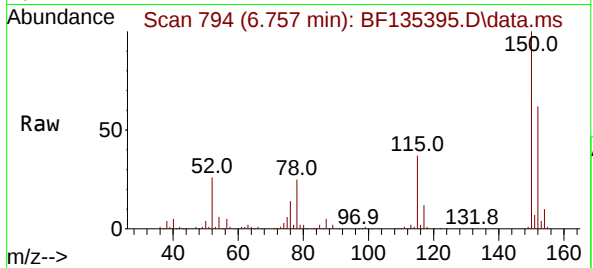




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135395.D
Acq: 22 Sep 2023 12:03

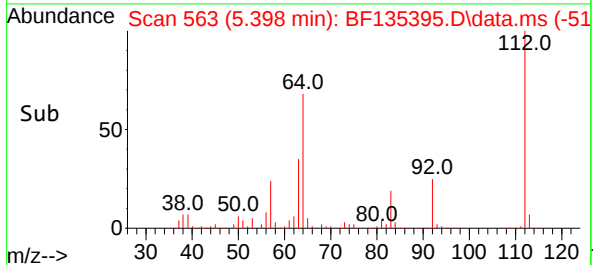
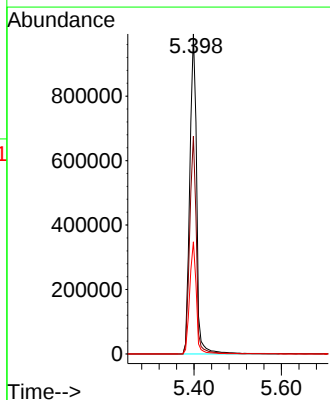
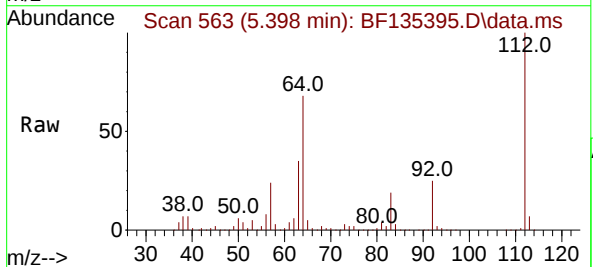
Instrument :
BNA_F
ClientSampleId :
PB155675BL

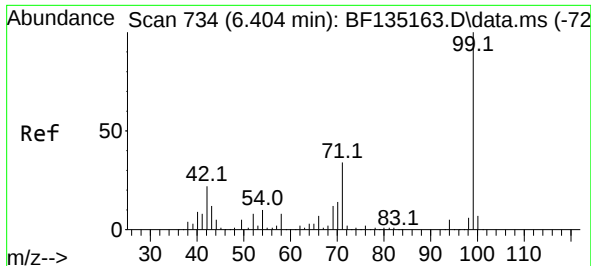
Tgt Ion:152 Resp: 134913
Ion Ratio Lower Upper
152 100
150 160.6 127.8 191.6
115 59.6 49.8 74.8



#5
2-Fluorophenol
Concen: 130.305 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135395.D
Acq: 22 Sep 2023 12:03

Tgt Ion:112 Resp: 1080872
Ion Ratio Lower Upper
112 100
64 68.1 55.9 83.9
63 35.1 29.0 43.6

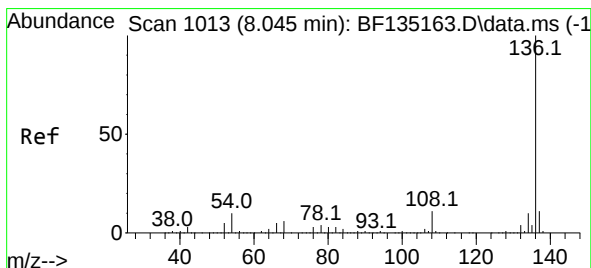
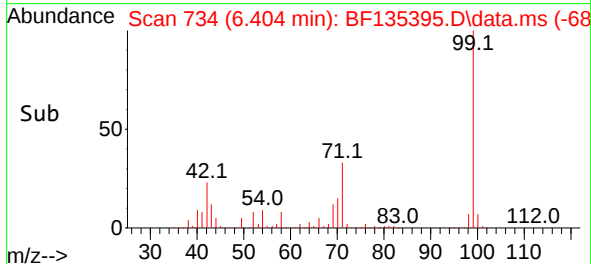
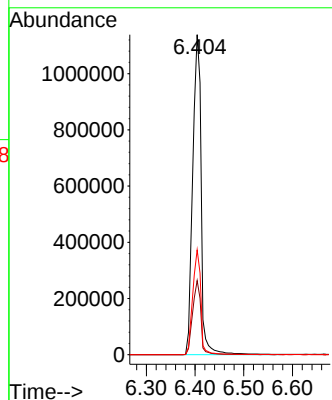
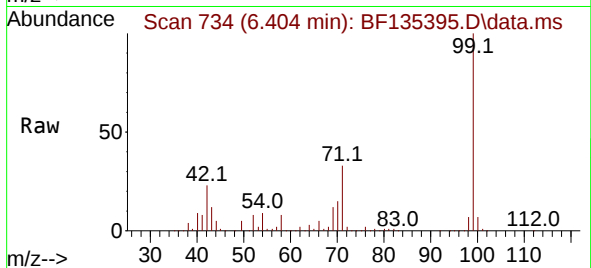




#7
Phenol-d6
Concen: 129.369 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135395.D
Acq: 22 Sep 2023 12:03

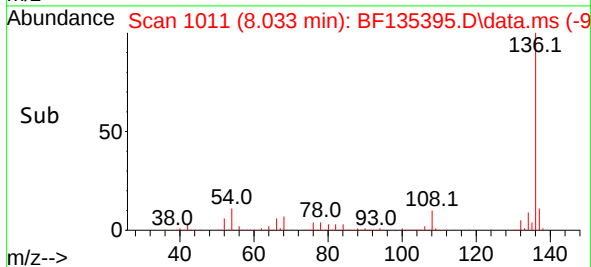
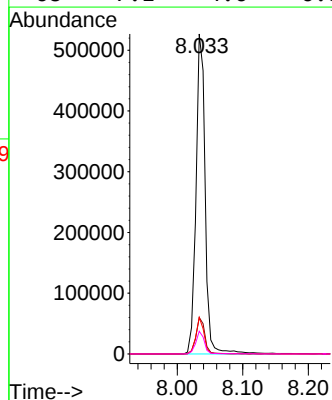
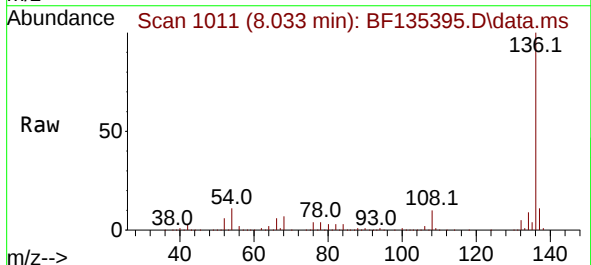
Instrument :
BNA_F
ClientSampleId :
PB155675BL

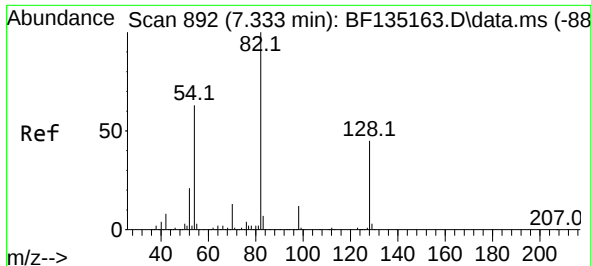
Tgt Ion: 99 Resp: 1364522
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 32.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135395.D
Acq: 22 Sep 2023 12:03

Tgt Ion:136 Resp: 514137
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 11.4 7.7 11.5
68 7.1 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 90.830 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135395.D

Acq: 22 Sep 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB155675BL

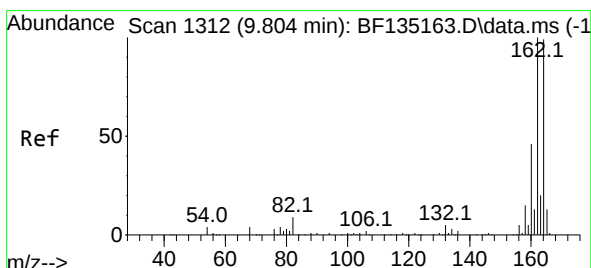
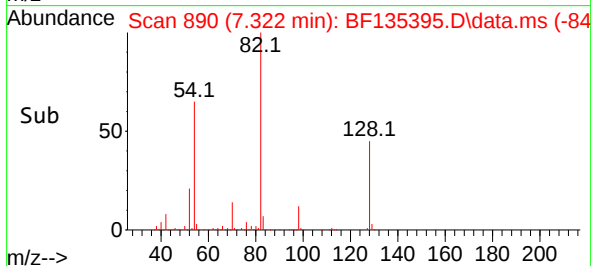
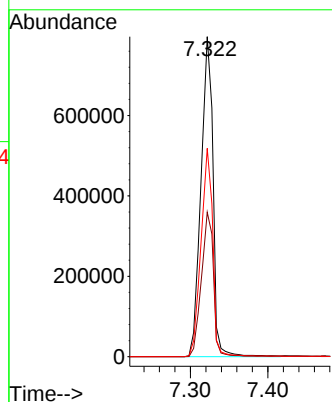
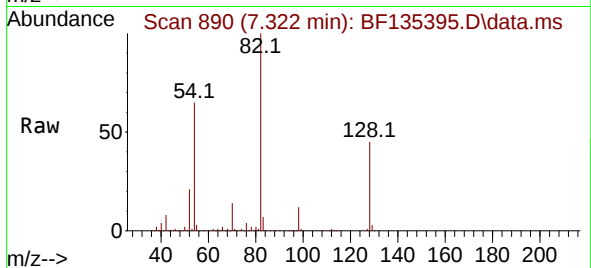
Tgt Ion: 82 Resp: 859557

Ion Ratio Lower Upper

82 100

128 45.1 35.8 53.6

54 65.1 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: BF135395.D

Acq: 22 Sep 2023 12:03

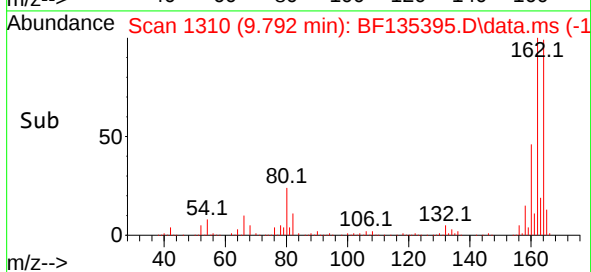
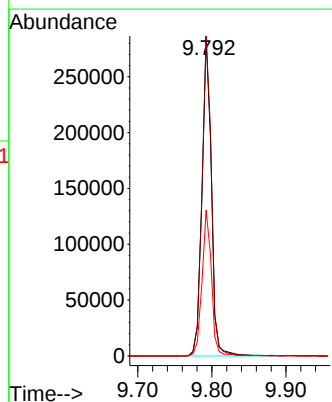
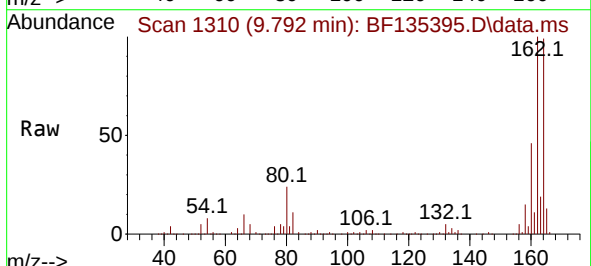
Tgt Ion: 164 Resp: 249775

Ion Ratio Lower Upper

164 100

162 100.6 81.0 121.4

160 45.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 117.090 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135395.D

Acq: 22 Sep 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB155675BL

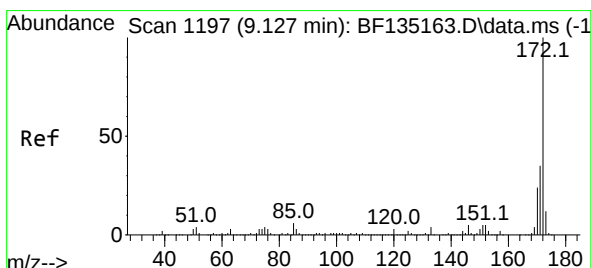
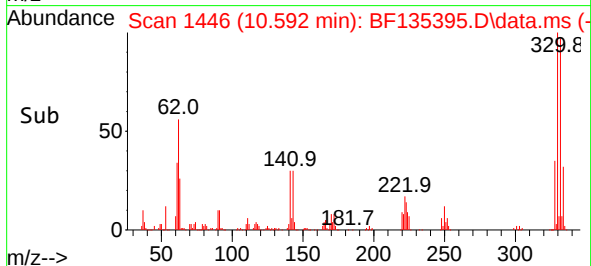
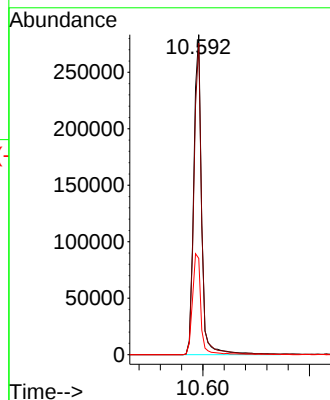
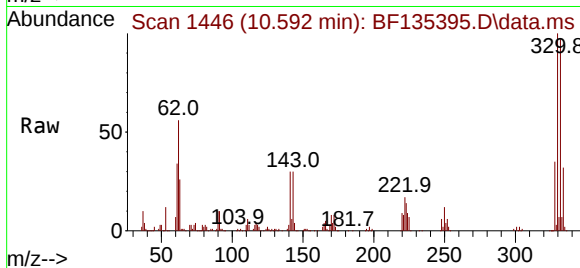
Tgt Ion:330 Resp: 290636

Ion Ratio Lower Upper

330 100

332 94.7 77.3 115.9

141 34.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 85.232 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135395.D

Acq: 22 Sep 2023 12:03

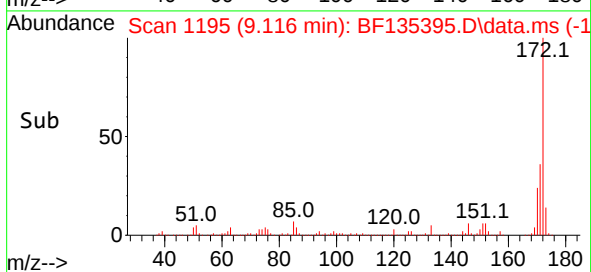
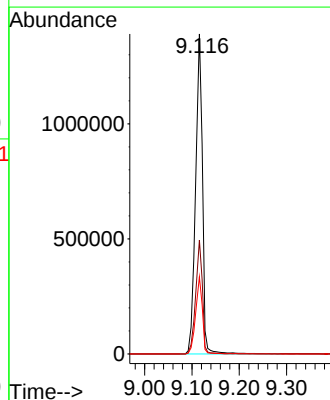
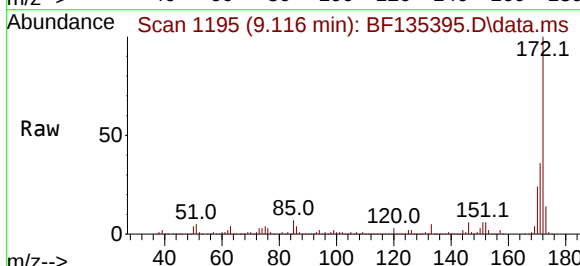
Tgt Ion:172 Resp: 1411044

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.1 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: BF135395.D

Acq: 22 Sep 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB155675BL

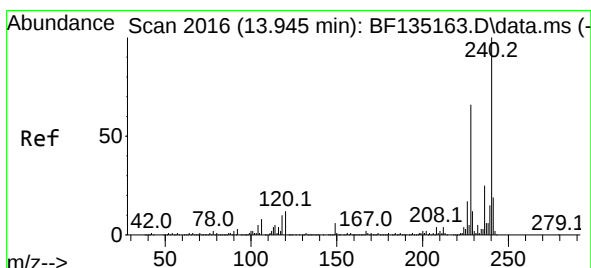
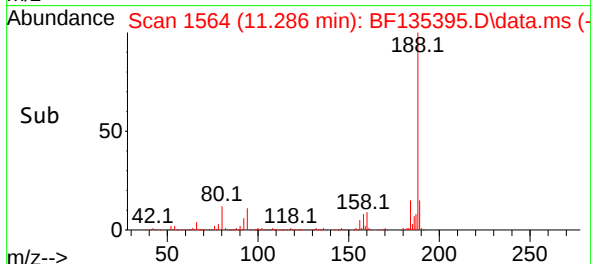
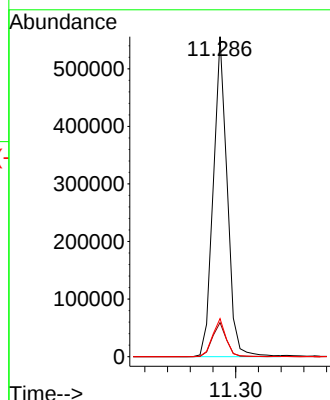
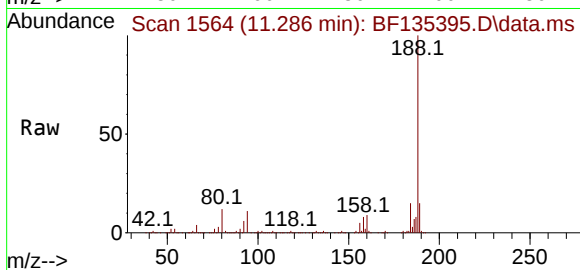
Tgt Ion:188 Resp: 471705

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 11.9 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135395.D

Acq: 22 Sep 2023 12:03

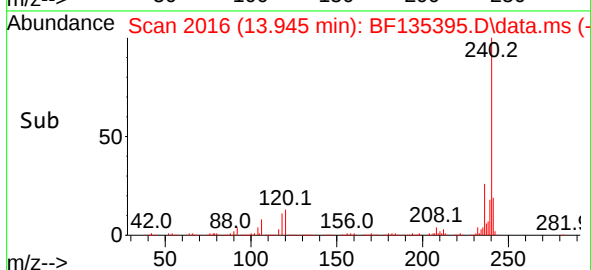
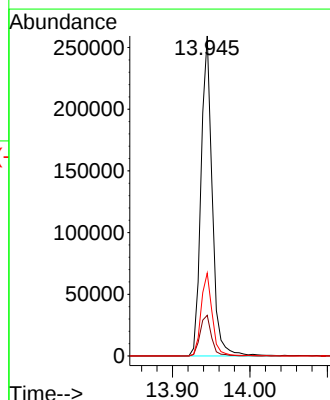
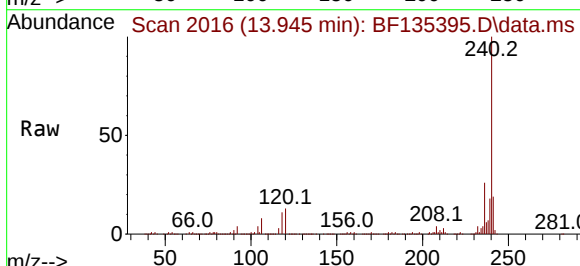
Tgt Ion:240 Resp: 259953

Ion Ratio Lower Upper

240 100

120 12.7 9.4 14.2

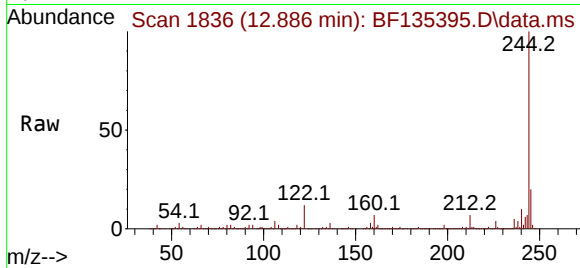
236 25.9 19.8 29.8



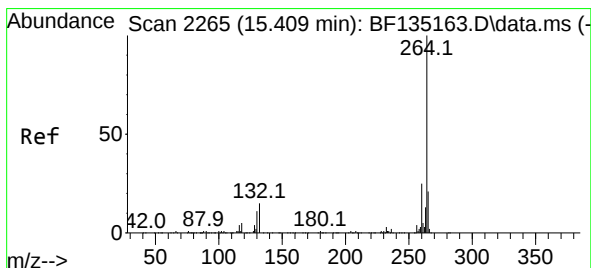
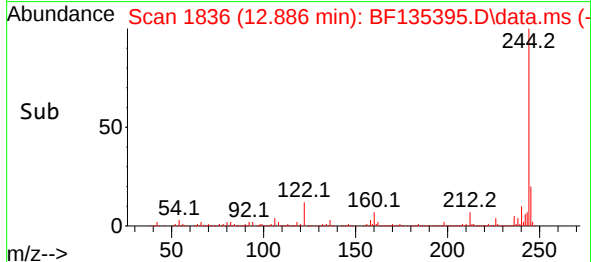
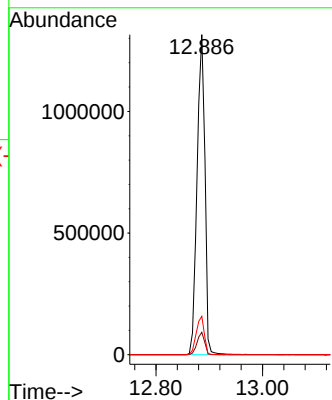


#79
 Terphenyl-d14
 Concen: 80.645 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135395.D
 Acq: 22 Sep 2023 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB155675BL



Tgt Ion:244 Resp: 1352346
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 12.0 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF135395.D
 Acq: 22 Sep 2023 12:03

Tgt Ion:264 Resp: 255986
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 20.3 17.0 25.4

