

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135412.D
 Acq On : 22 Sep 2023 21:46
 Operator : CG\JU
 Sample : 04436-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B102-10

Quant Time: Sep 23 04:59:32 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	152190	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	558736	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	258247	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	421851	20.000	ng	0.00
76) Chrysene-d12	13.939	240	269356	20.000	ng	0.00
86) Perylene-d12	15.410	264	334213	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	925581	98.916	ng	0.00
7) Phenol-d6	6.404	99	1150447	96.691	ng	0.00
23) Nitrobenzene-d5	7.322	82	706400	68.688	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	207943	81.027	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1070907	62.564	ng	-0.01
79) Terphenyl-d14	12.880	244	701257	40.359	ng	-0.01

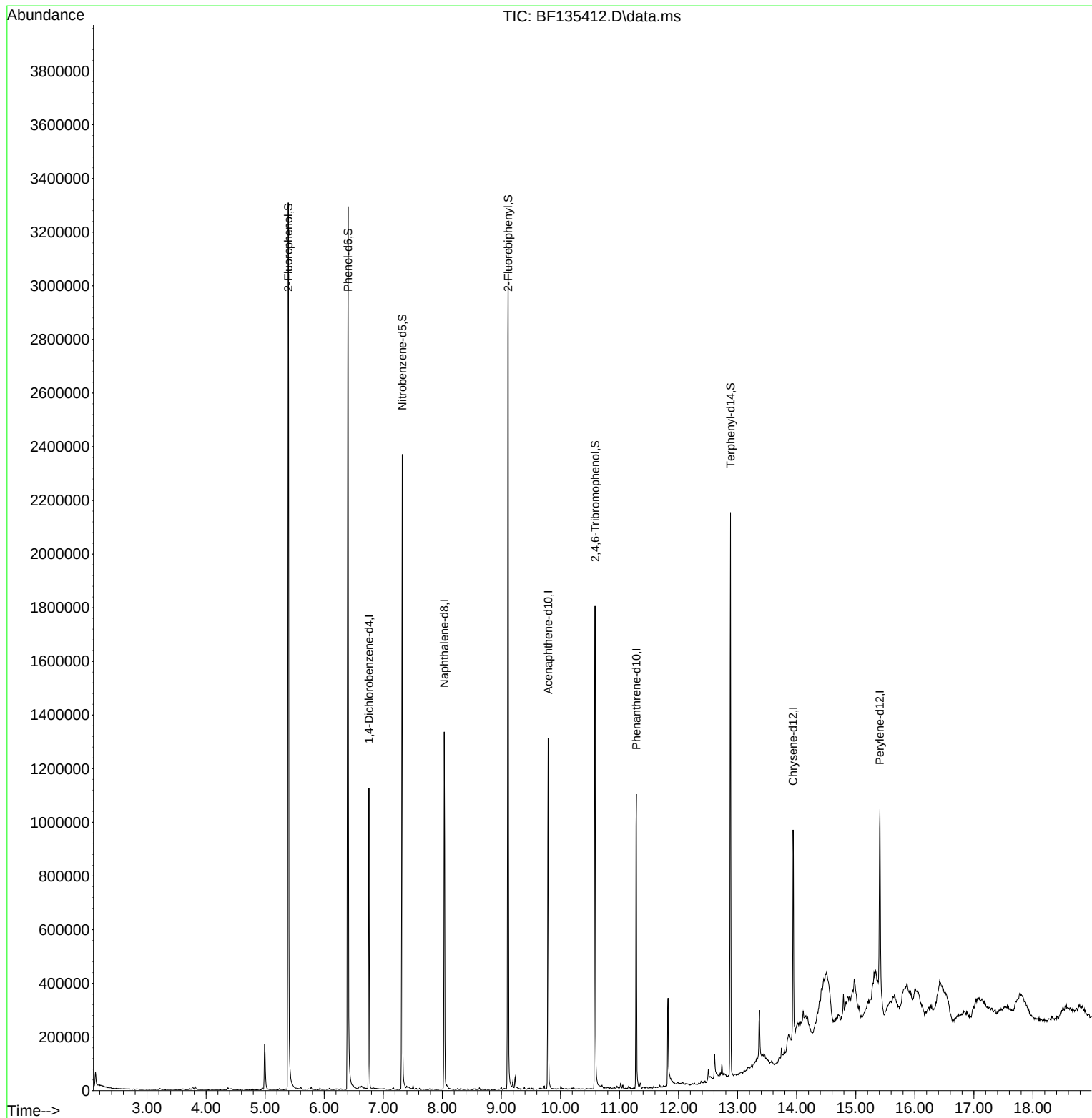
Target Compounds	Qvalue

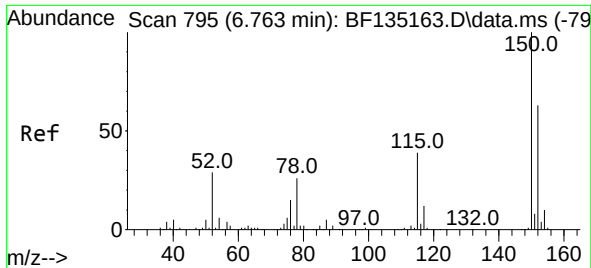
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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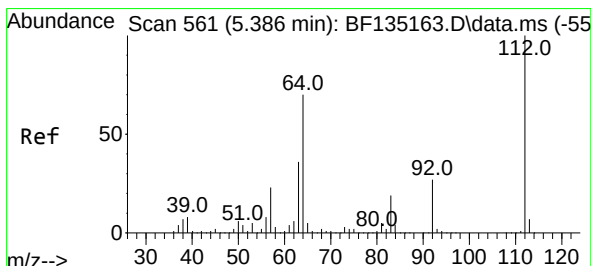
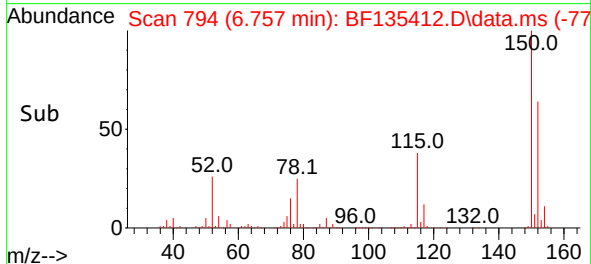
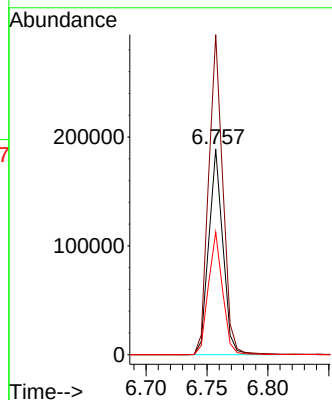
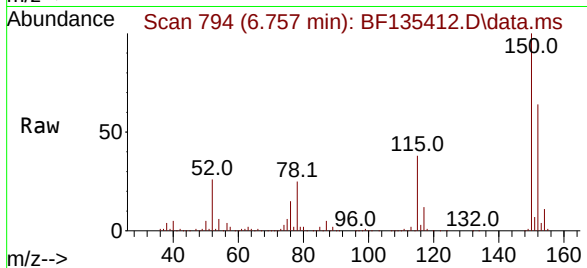




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135412.D
 Acq: 22 Sep 2023 21:46

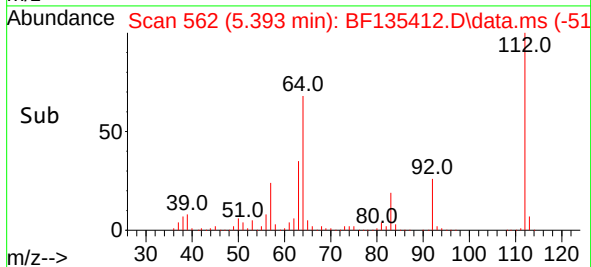
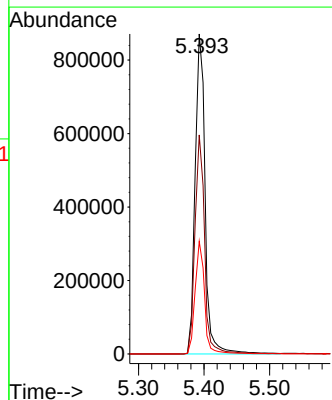
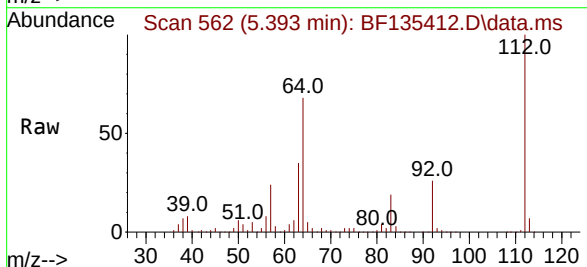
Instrument :
 BNA_F
 ClientSampleId :
 B102-10

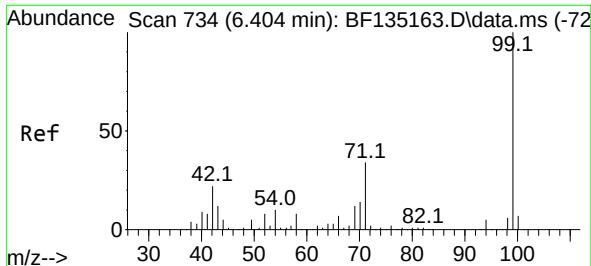
Tgt Ion:152 Resp: 152190
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.8 191.6
 115 59.6 49.8 74.8



#5
 2-Fluorophenol
 Concen: 98.916 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF135412.D
 Acq: 22 Sep 2023 21:46

Tgt Ion:112 Resp: 925581
 Ion Ratio Lower Upper
 112 100
 64 68.4 55.9 83.9
 63 35.2 29.0 43.6

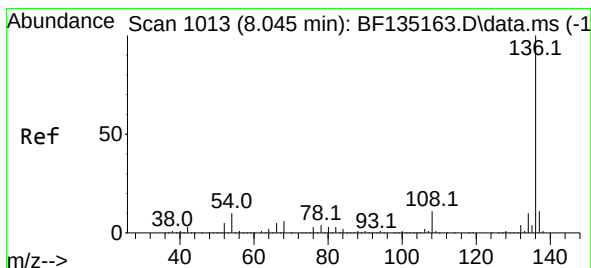
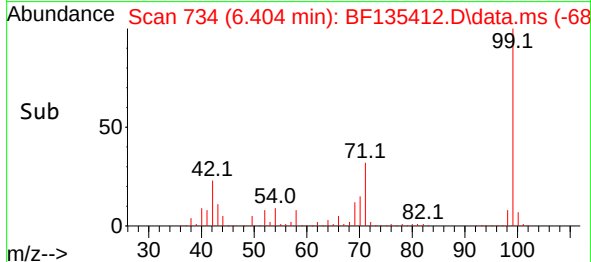
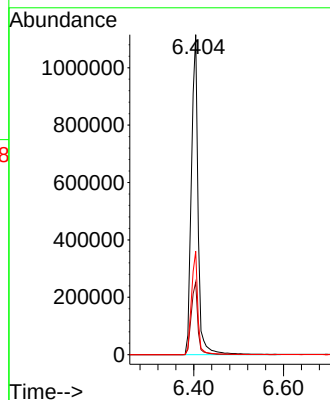
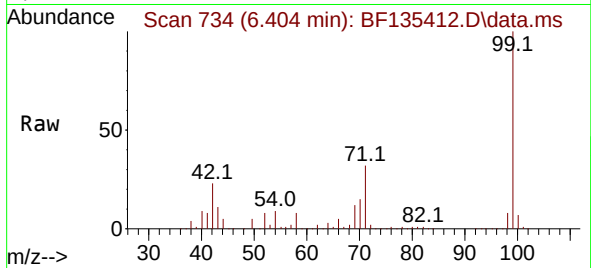




#7
Phenol-d6
Concen: 96.691 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135412.D
Acq: 22 Sep 2023 21:46

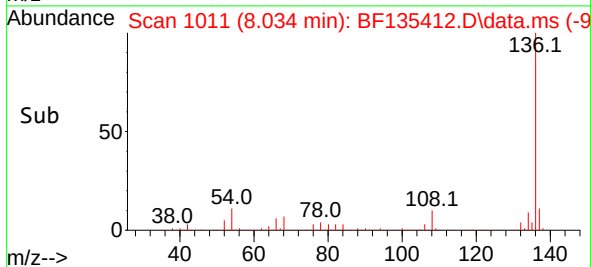
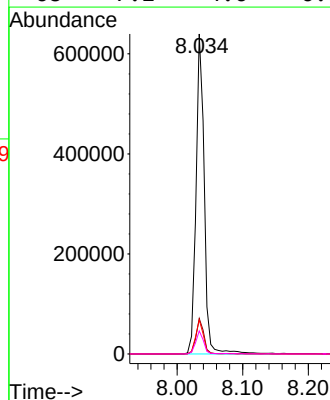
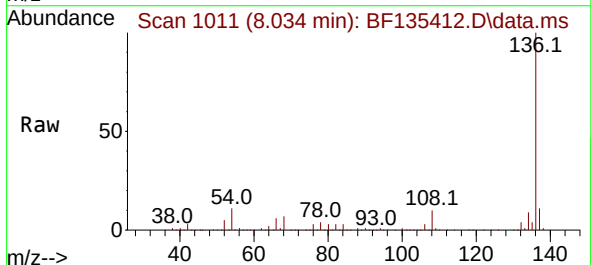
Instrument :
BNA_F
ClientSampleId :
B102-10

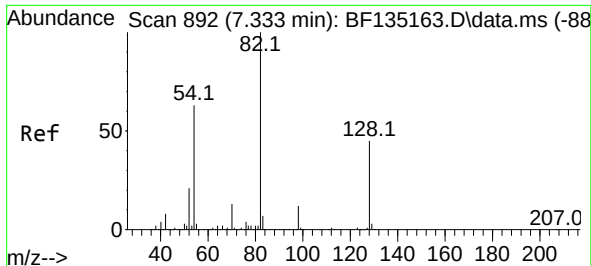
Tgt Ion: 99 Resp: 1150447
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 32.3 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135412.D
Acq: 22 Sep 2023 21:46

Tgt Ion: 136 Resp: 558736
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.7 7.7 11.5
68 7.2 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 68.688 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135412.D

Acq: 22 Sep 2023 21:46

Instrument :

BNA_F

ClientSampleId :

B102-10

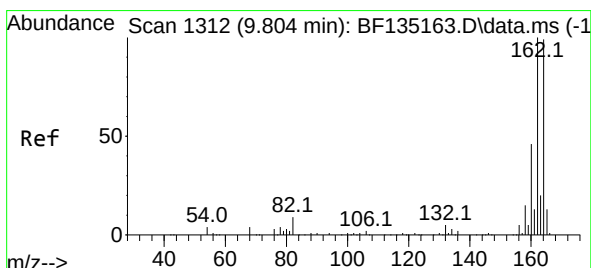
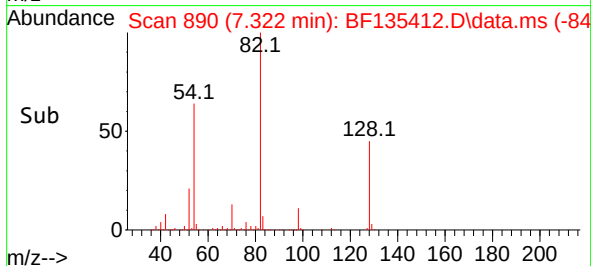
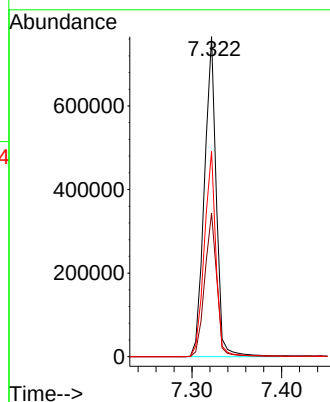
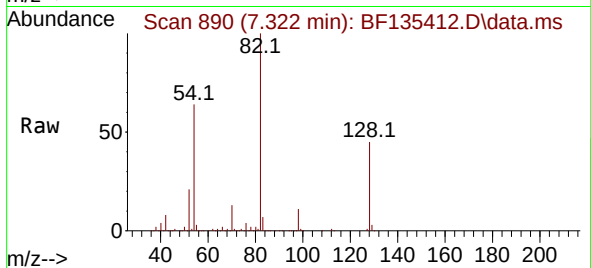
Tgt Ion: 82 Resp: 706400

Ion Ratio Lower Upper

82 100

128 44.9 35.8 53.6

54 64.3 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: BF135412.D

Acq: 22 Sep 2023 21:46

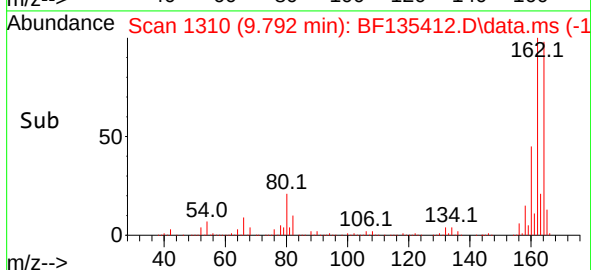
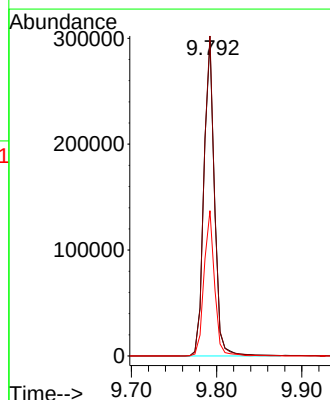
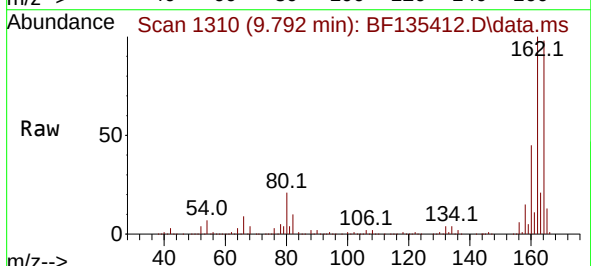
Tgt Ion: 164 Resp: 258247

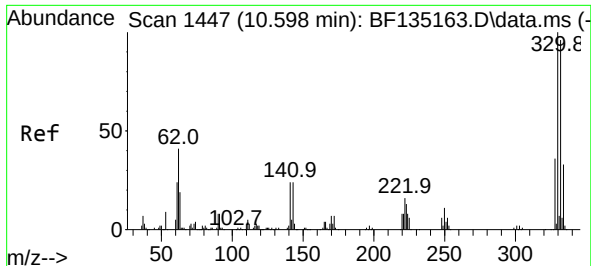
Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

160 46.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 81.027 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF135412.D

Acq: 22 Sep 2023 21:46

Instrument :

BNA_F

ClientSampleId :

B102-10

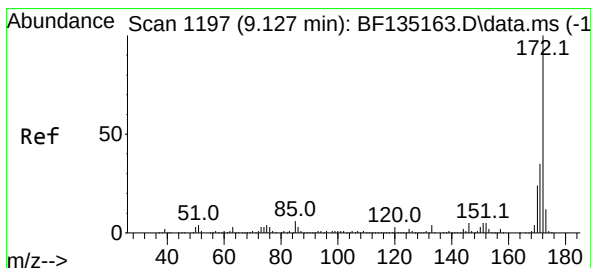
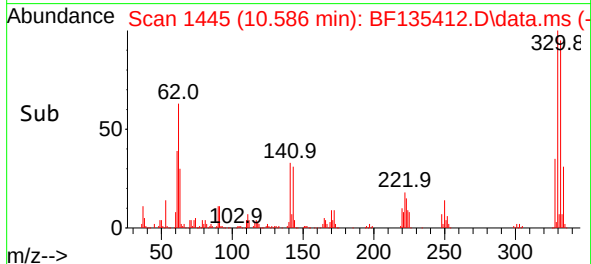
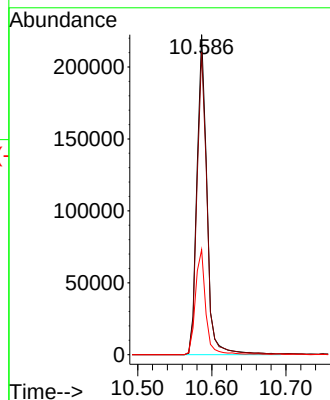
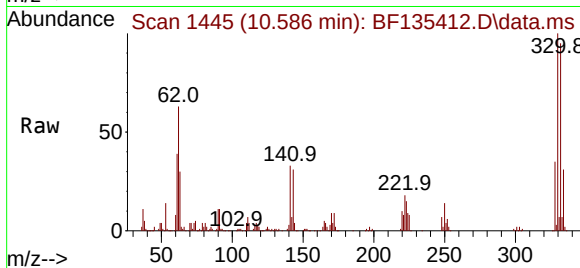
Tgt Ion:330 Resp: 207943

Ion Ratio Lower Upper

330 100

332 95.1 77.3 115.9

141 33.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 62.564 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135412.D

Acq: 22 Sep 2023 21:46

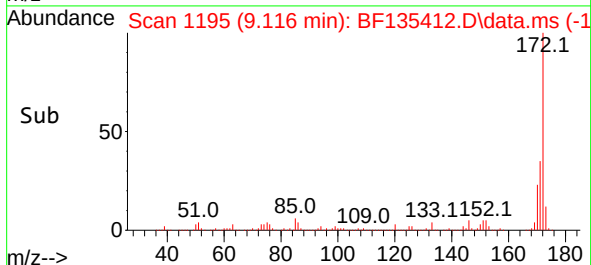
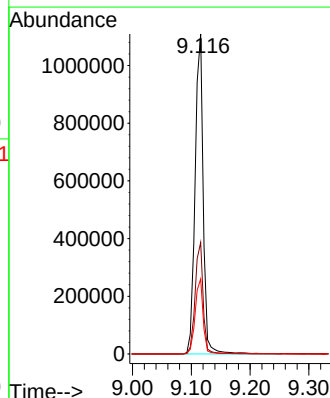
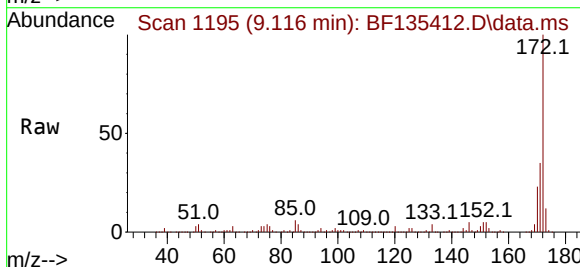
Tgt Ion:172 Resp: 1070907

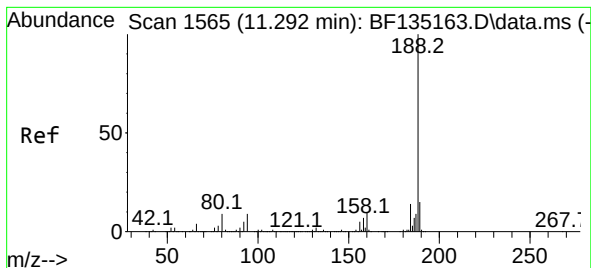
Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.5 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: BF135412.D

Acq: 22 Sep 2023 21:46

Instrument :

BNA_F

ClientSampleId :

B102-10

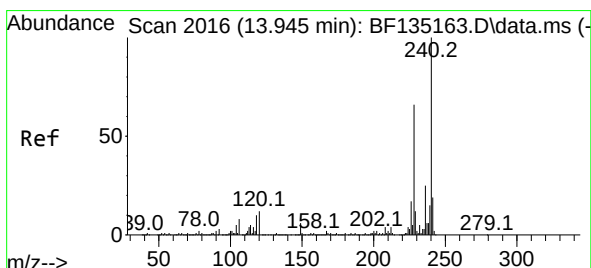
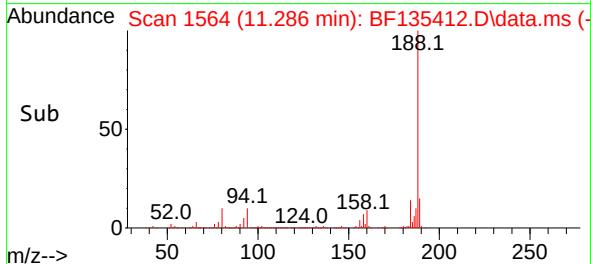
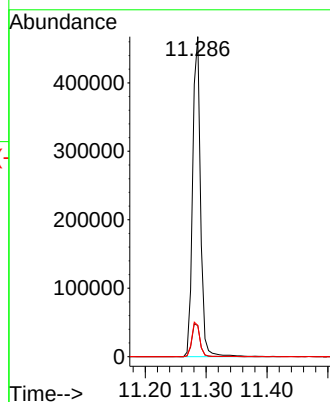
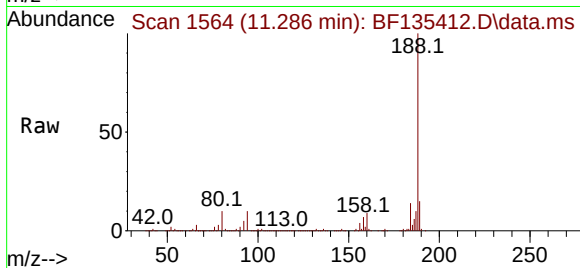
Tgt Ion:188 Resp: 421851

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 9.8 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: BF135412.D

Acq: 22 Sep 2023 21:46

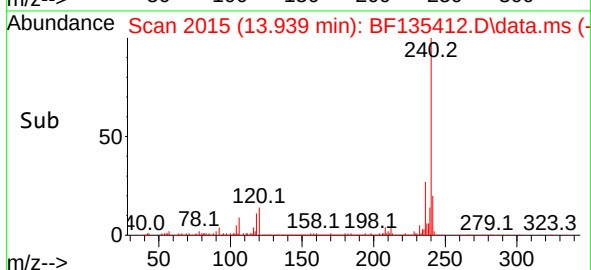
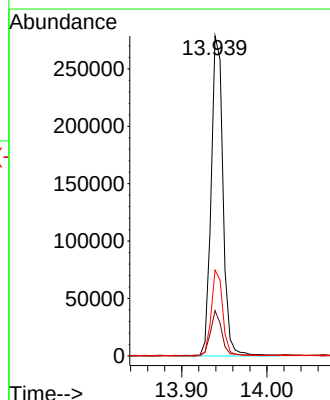
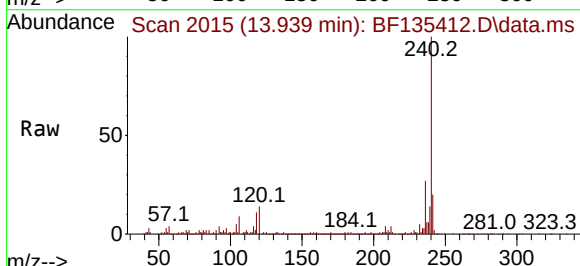
Tgt Ion:240 Resp: 269356

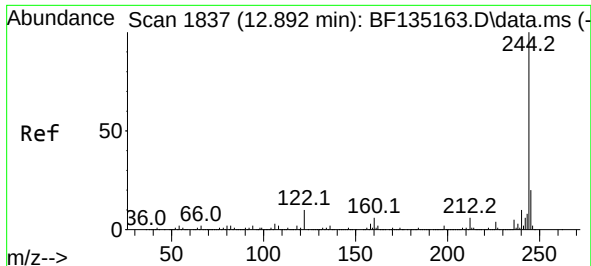
Ion Ratio Lower Upper

240 100

120 14.1 9.4 14.2

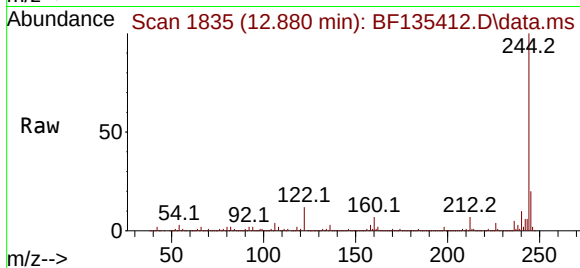
236 26.8 19.8 29.8



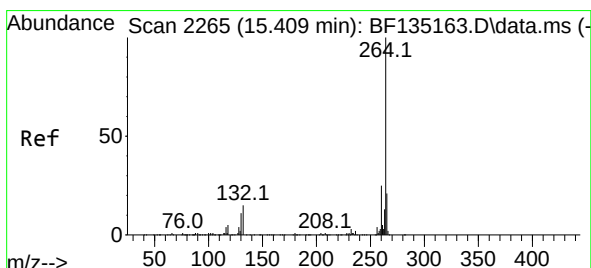
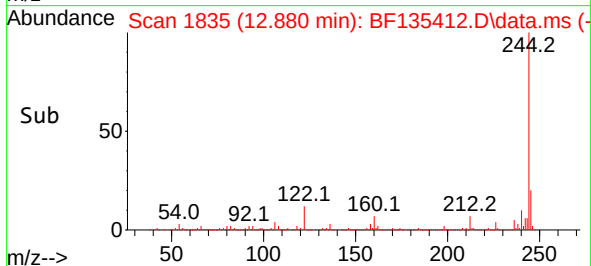
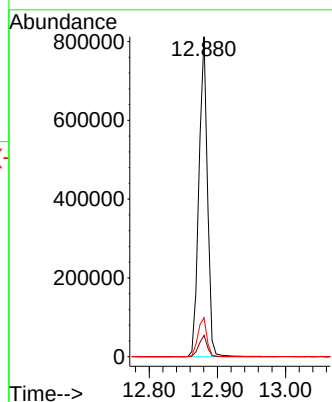


#79
 Terphenyl-d14
 Concen: 40.359 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135412.D
 Acq: 22 Sep 2023 21:46

Instrument :
 BNA_F
 ClientSampleId :
 B102-10



Tgt Ion:244 Resp: 701257
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.2 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: BF135412.D
 Acq: 22 Sep 2023 21:46

Tgt Ion:264 Resp: 334213
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.8 29.6
 265 21.7 17.0 25.4

