

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135100.D
 Acq On : 05 Sep 2023 17:48
 Operator : CG\JU
 Sample : 04210-01RE 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-082923RE

Quant Time: Sep 06 01:55:22 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	104883	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	388274	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	157481	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	228005	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	221402	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	194576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	264970	39.022	ng	0.00
7) Phenol-d6	6.404	99	304699	36.001	ng	-0.01
23) Nitrobenzene-d5	7.334	82	183710	26.582	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	50681	30.338	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	285724	29.539	ng	-0.01
79) Terphenyl-d14	12.898	244	245225	18.075	ng	0.00

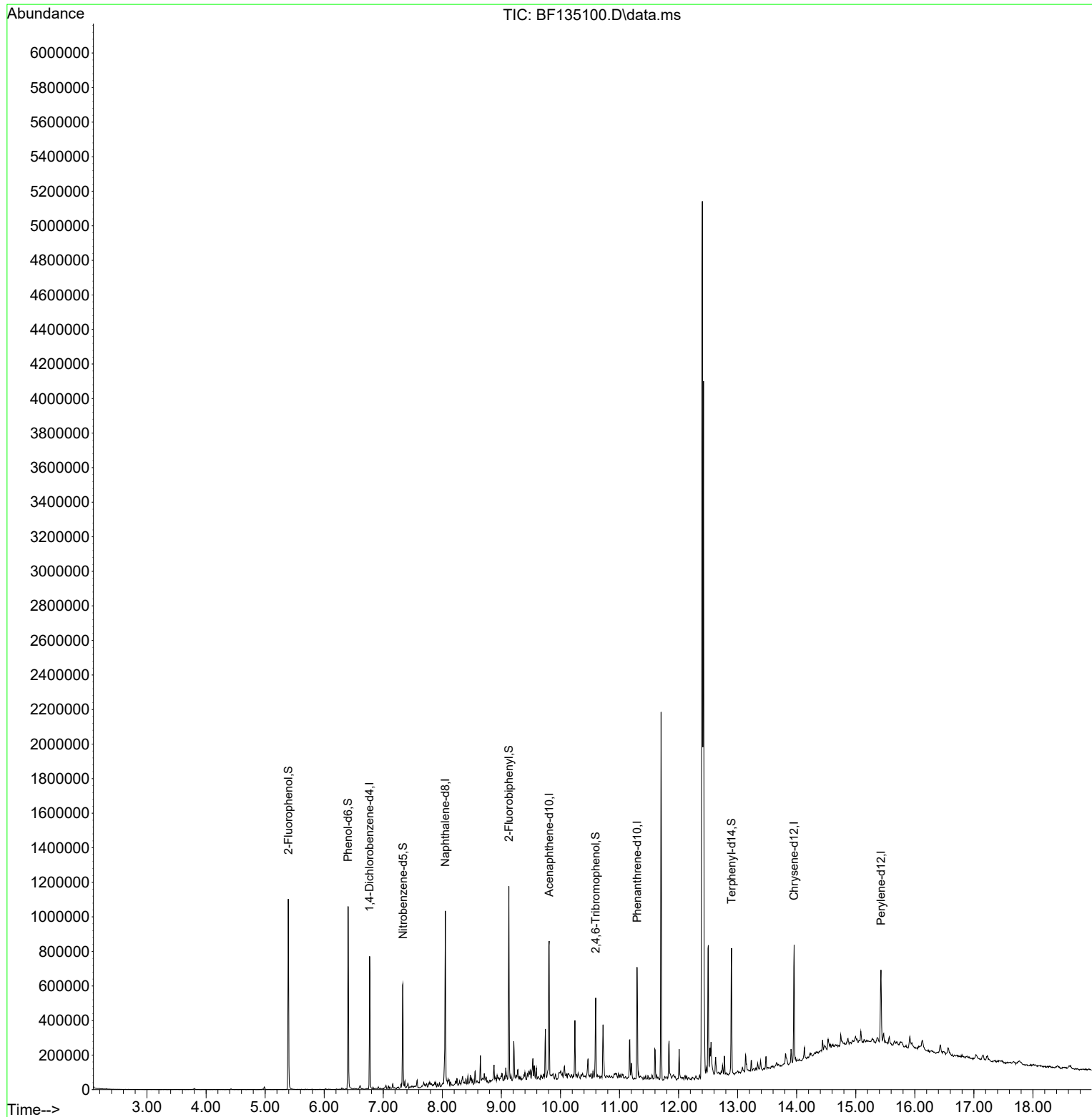
Target Compounds	Qvalue

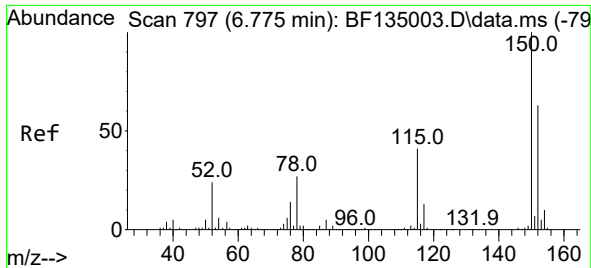
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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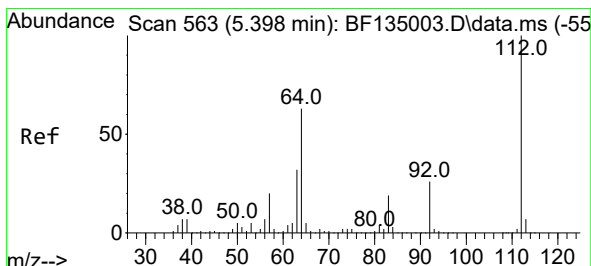
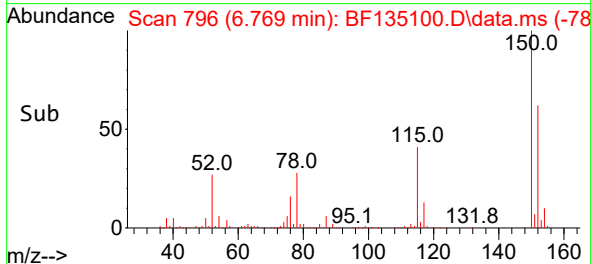
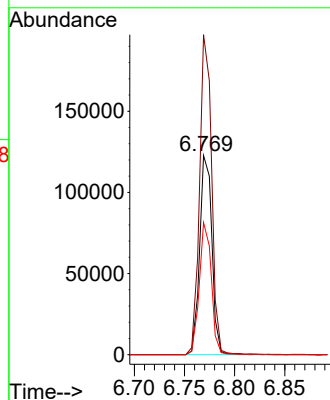
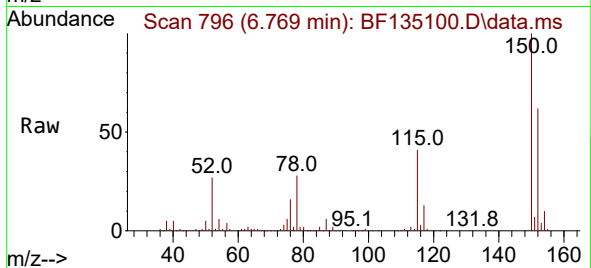




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135100.D
Acq: 05 Sep 2023 17:48

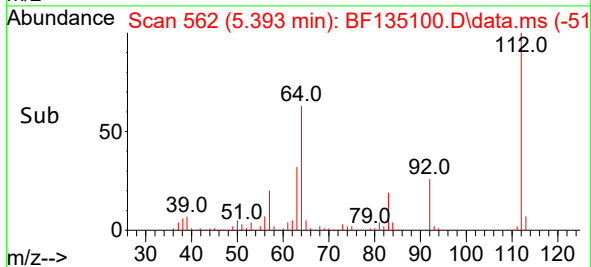
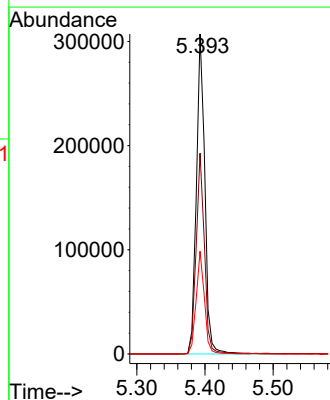
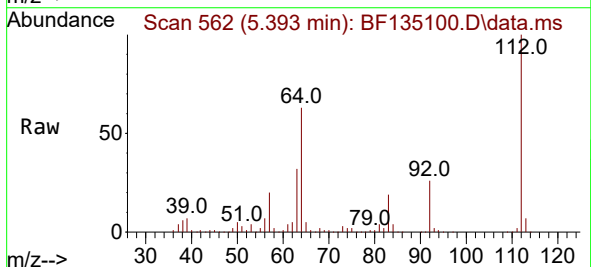
Instrument :
BNA_F
ClientSampleId :
TR-04-082923RE

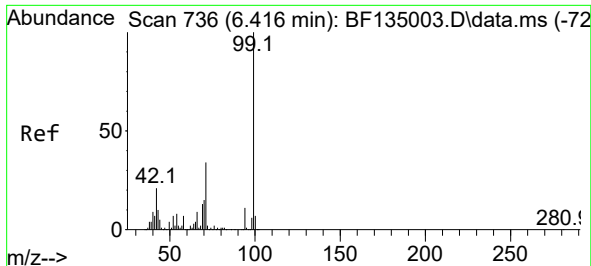
Tgt Ion:152 Resp: 104883
Ion Ratio Lower Upper
152 100
150 160.6 126.2 189.4
115 66.3 51.2 76.8



#5
2-Fluorophenol
Concen: 39.022 ng
RT: 5.393 min Scan# 562
Delta R.T. -0.006 min
Lab File: BF135100.D
Acq: 05 Sep 2023 17:48

Tgt Ion:112 Resp: 264970
Ion Ratio Lower Upper
112 100
64 62.7 50.5 75.7
63 32.1 25.9 38.9

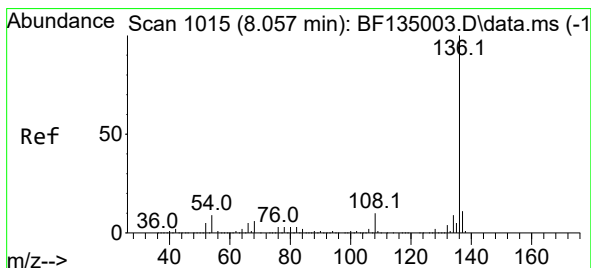
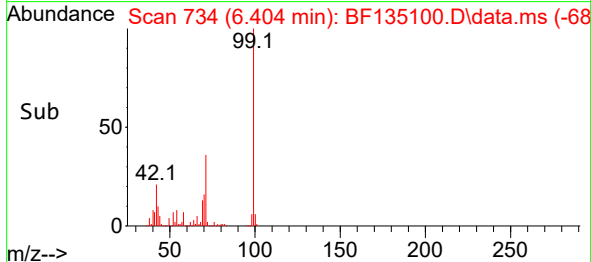
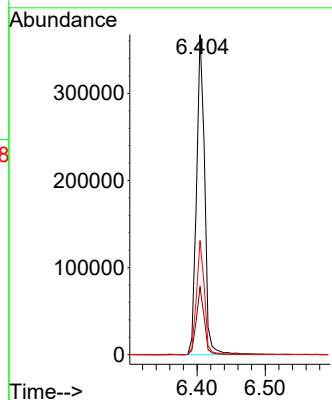
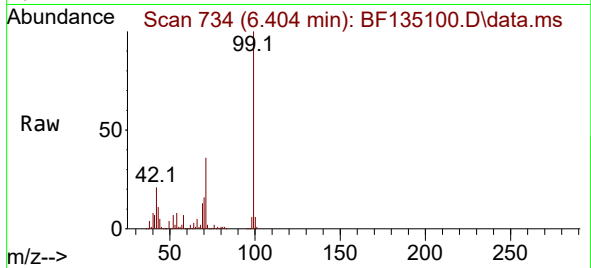




#7
Phenol-d6
Concen: 36.001 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135100.D
Acq: 05 Sep 2023 17:48

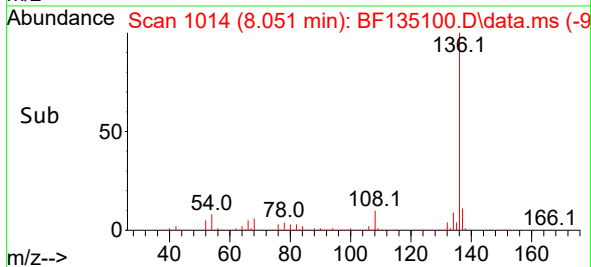
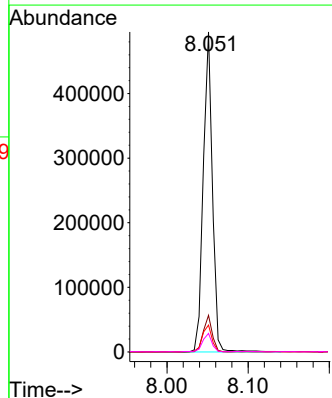
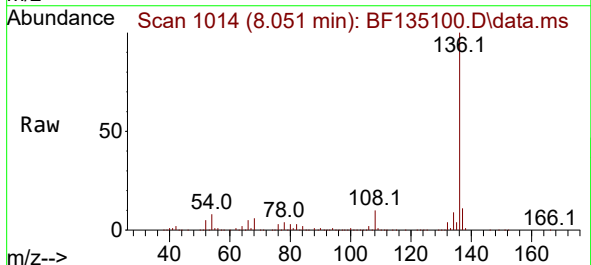
Instrument :
BNA_F
ClientSampleId :
TR-04-082923RE

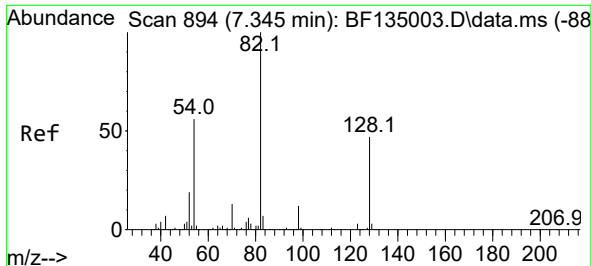
Tgt Ion: 99 Resp: 304699
Ion Ratio Lower Upper
99 100
42 21.1 16.6 25.0
71 35.6 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135100.D
Acq: 05 Sep 2023 17:48

Tgt Ion: 136 Resp: 388274
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.4 7.0 10.4
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 26.582 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135100.D

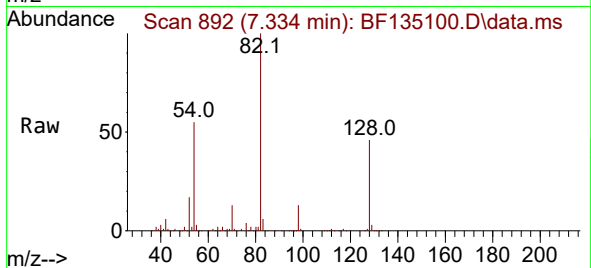
Acq: 05 Sep 2023 17:48

Instrument :

BNA_F

ClientSampleId :

TR-04-082923RE



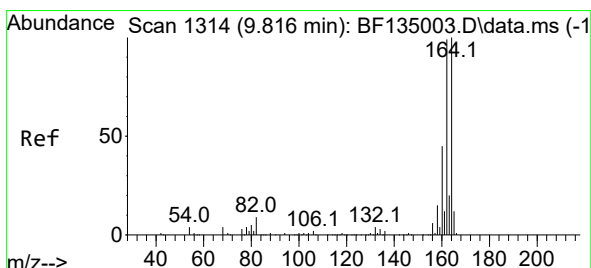
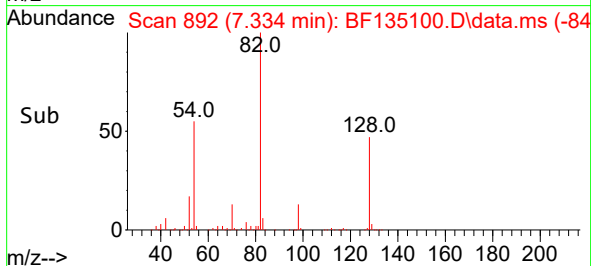
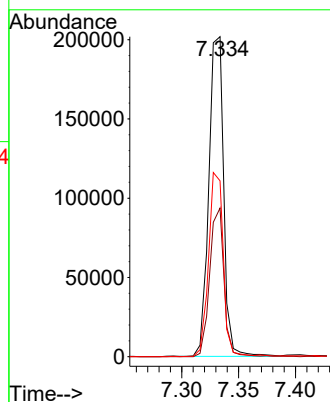
Tgt Ion: 82 Resp: 183710

Ion Ratio Lower Upper

82 100

128 46.5 37.8 56.8

54 55.0 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: BF135100.D

Acq: 05 Sep 2023 17:48

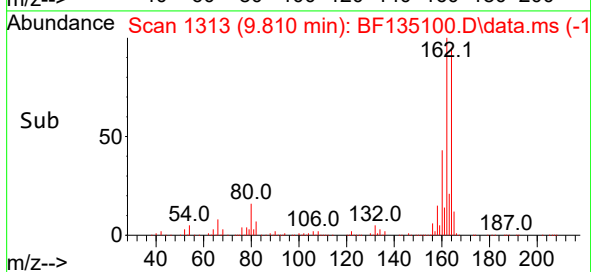
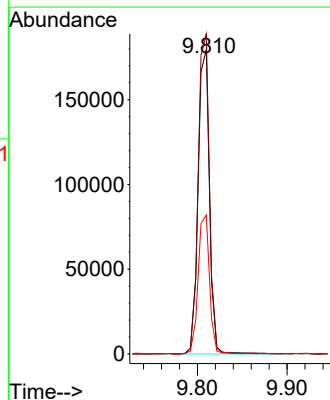
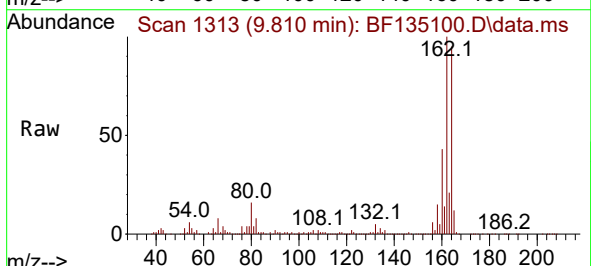
Tgt Ion: 164 Resp: 157481

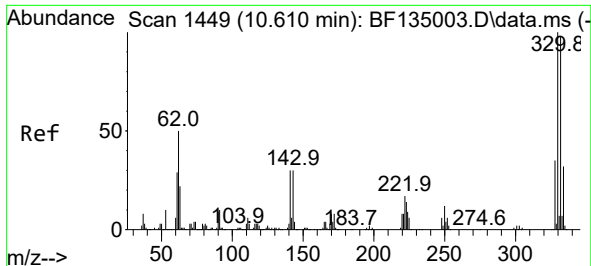
Ion Ratio Lower Upper

164 100

162 105.2 79.5 119.3

160 45.6 36.0 54.0

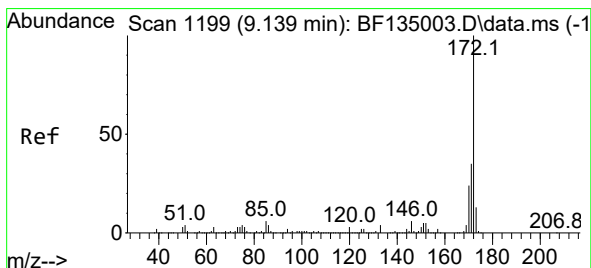
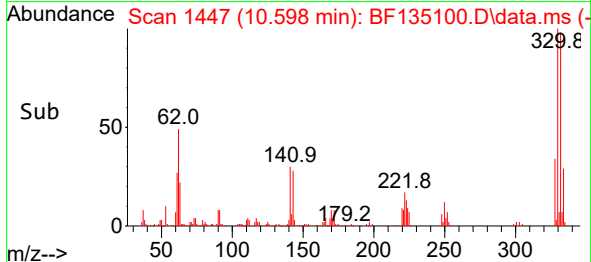
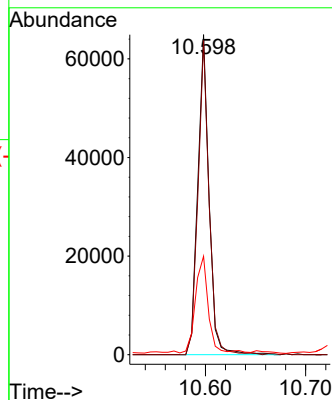
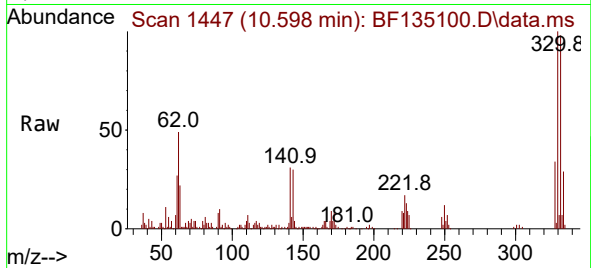




#42
2,4,6-Tribromophenol
Concen: 30.338 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF135100.D
Acq: 05 Sep 2023 17:48

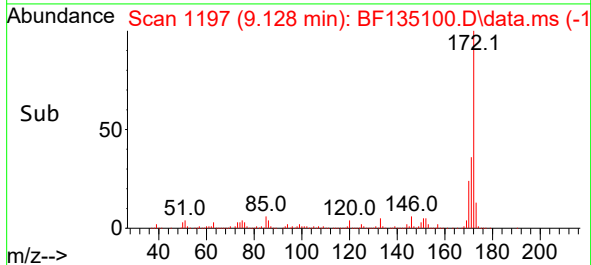
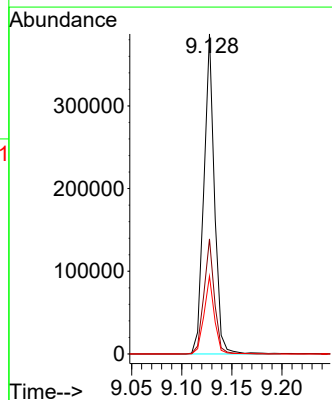
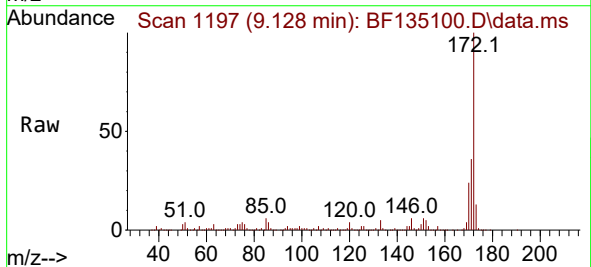
Instrument :
BNA_F
ClientSampleId :
TR-04-082923RE

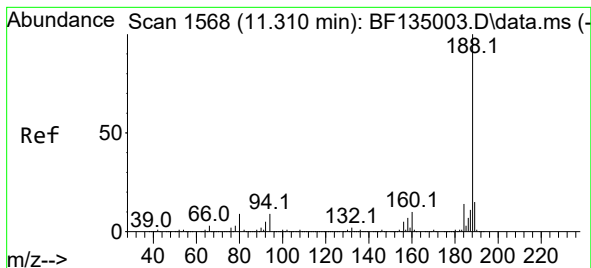
Tgt Ion:330 Resp: 50681
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 33.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 29.539 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135100.D
Acq: 05 Sep 2023 17:48

Tgt Ion:172 Resp: 285724
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.3 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: BF135100.D

Acq: 05 Sep 2023 17:48

Instrument :

BNA_F

ClientSampleId :

TR-04-082923RE

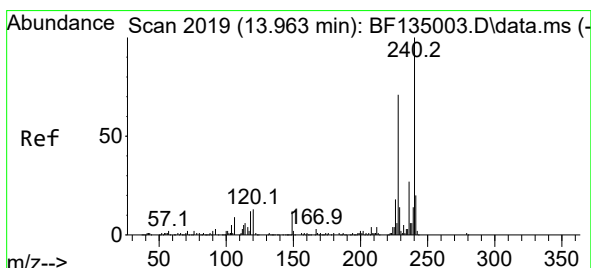
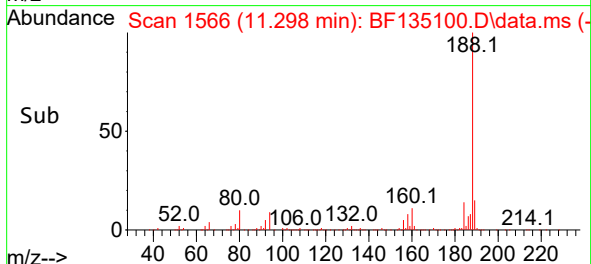
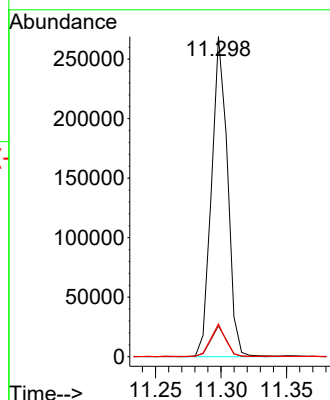
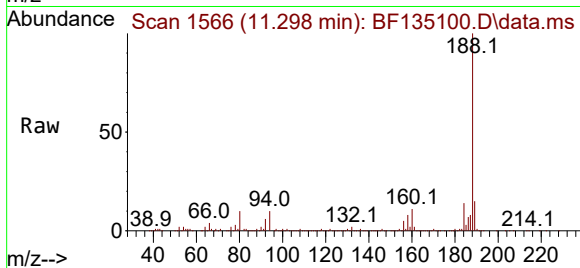
Tgt Ion:188 Resp: 228005

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

80 10.2 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: BF135100.D

Acq: 05 Sep 2023 17:48

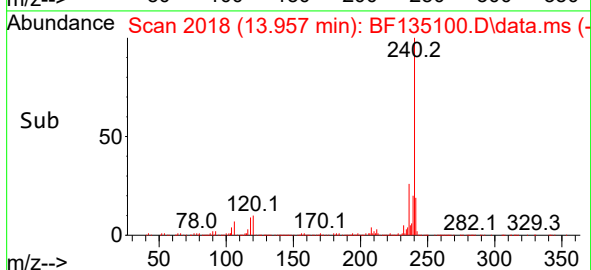
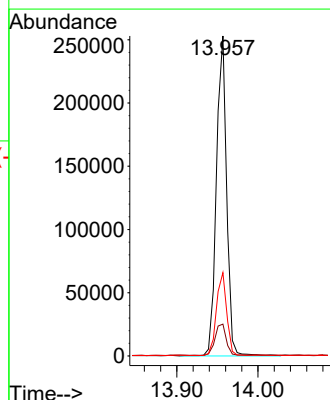
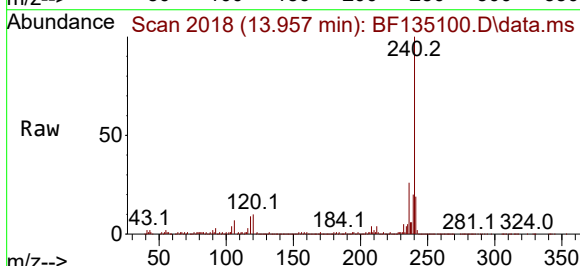
Tgt Ion:240 Resp: 221402

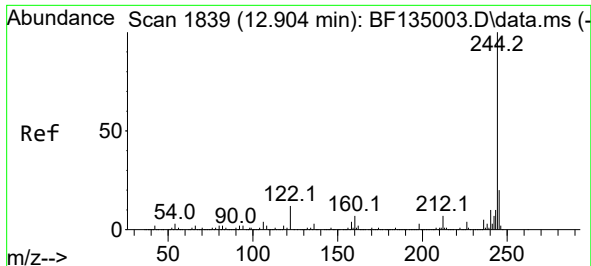
Ion Ratio Lower Upper

240 100

120 10.0 10.2 15.2#

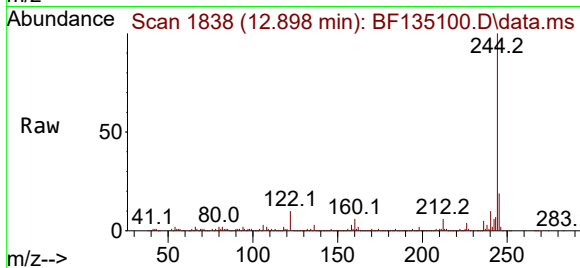
236 26.0 21.3 31.9



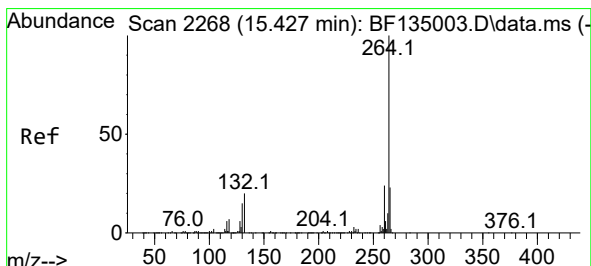
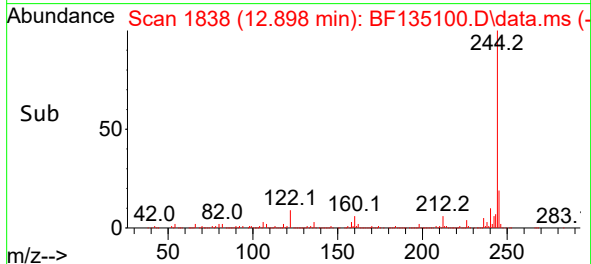
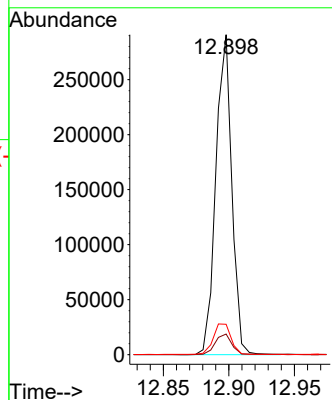


#79
 Terphenyl-d14
 Concen: 18.075 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135100.D
 Acq: 05 Sep 2023 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-082923RE



Tgt Ion:244 Resp: 245225
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 9.5 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: BF135100.D
 Acq: 05 Sep 2023 17:48

Tgt Ion:264 Resp: 194576
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.2 18.2 27.2

