

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135011.D
 Acq On : 30 Aug 2023 18:27
 Operator : CG\JU
 Sample : PB155120BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155120BL

Quant Time: Aug 31 05:32:39 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	129342	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	538404	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	284711	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	554145	20.000	ng	0.00
76) Chrysene-d12	13.957	240	371416	20.000	ng	0.00
86) Perylene-d12	15.427	264	282852	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	810990	96.849	ng	0.01
7) Phenol-d6	6.410	99	979488	93.845	ng	0.00
23) Nitrobenzene-d5	7.339	82	922093	96.217	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	281586	93.235	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1597668	91.362	ng	0.00
79) Terphenyl-d14	12.904	244	1873356	82.310	ng	0.00

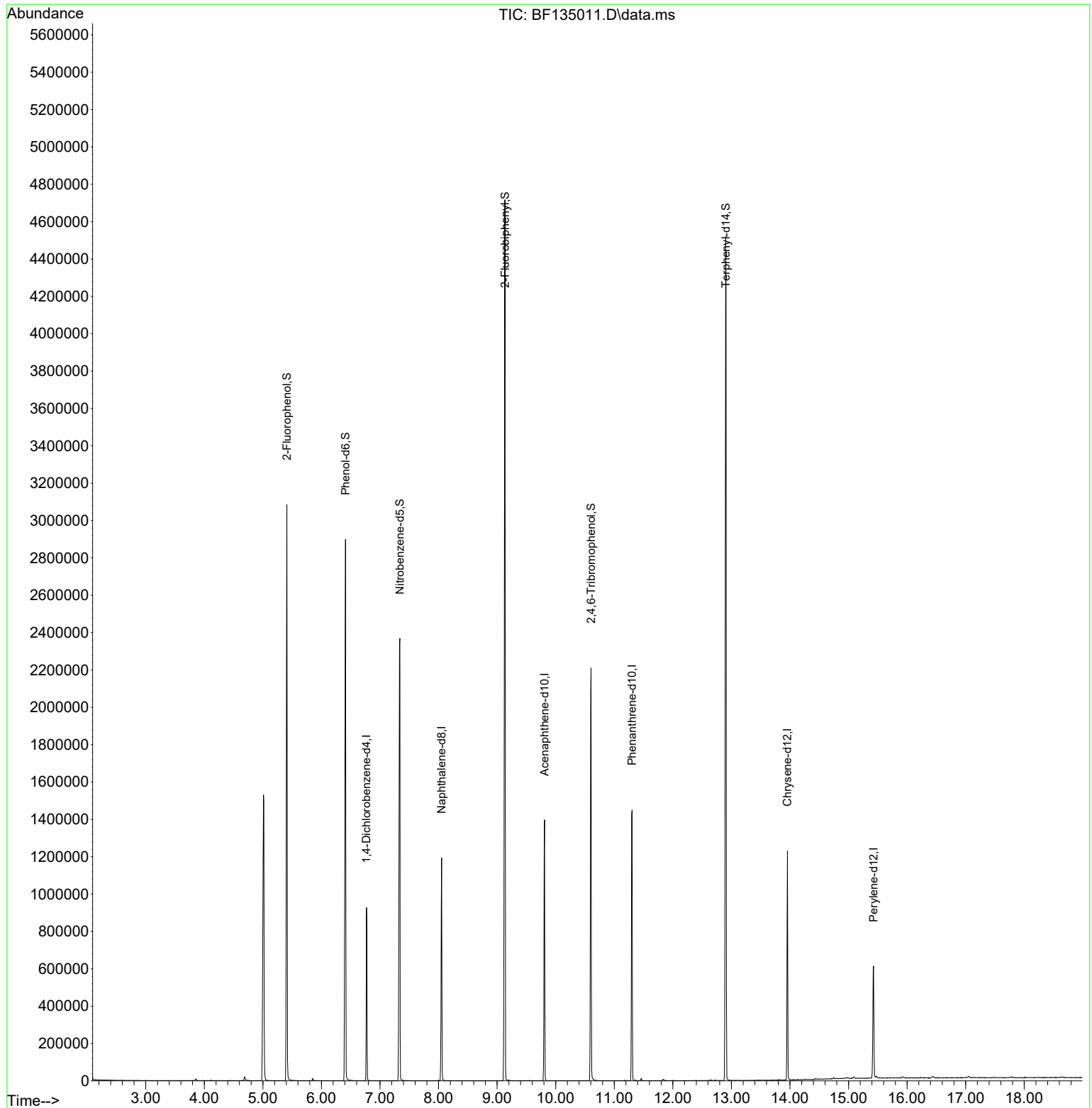
Target Compounds	Qvalue

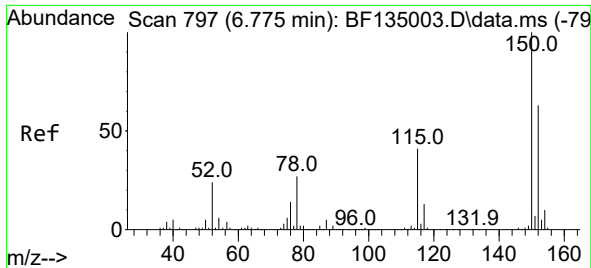
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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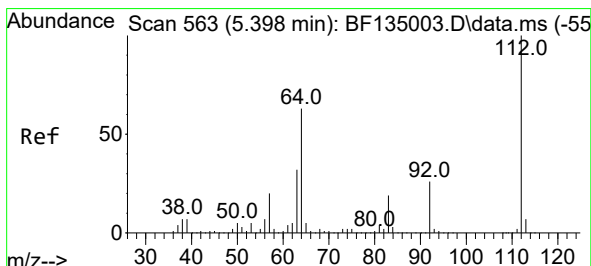
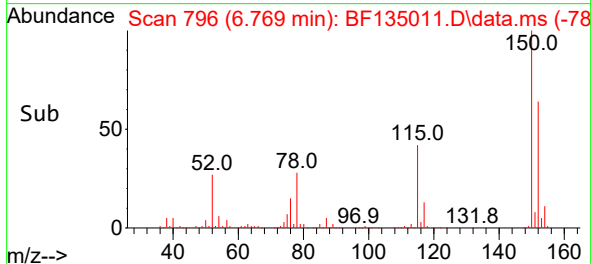
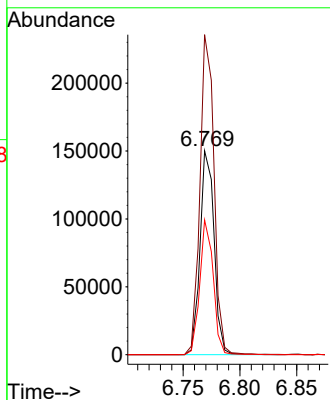
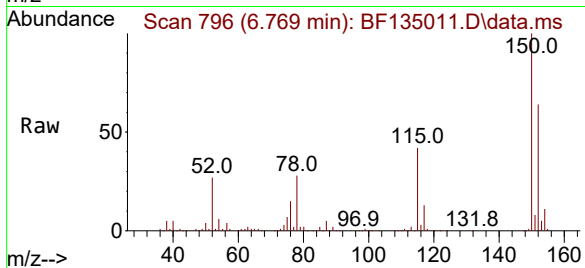




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135011.D
Acq: 30 Aug 2023 18:27

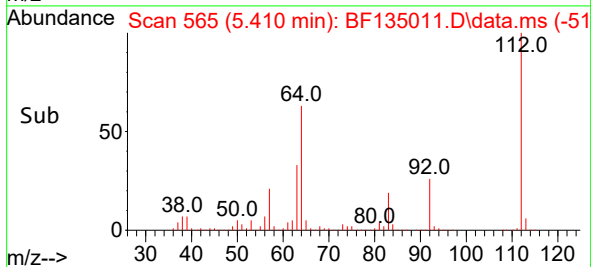
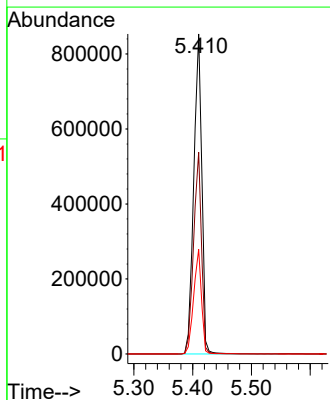
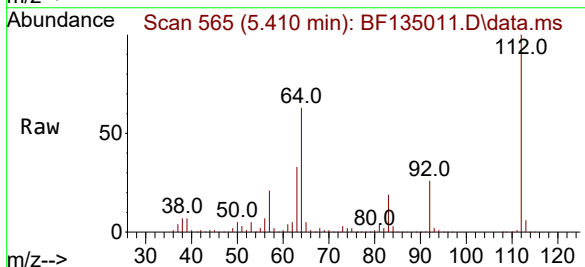
Instrument :
BNA_F
ClientSampleId :
PB155120BL

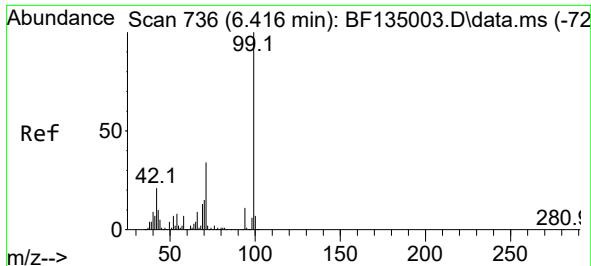
Tgt Ion:152 Resp: 129342
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.4
115 66.1 51.2 76.8



#5
2-Fluorophenol
Concen: 96.849 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF135011.D
Acq: 30 Aug 2023 18:27

Tgt Ion:112 Resp: 810990
Ion Ratio Lower Upper
112 100
64 63.1 50.5 75.7
63 32.7 25.9 38.9

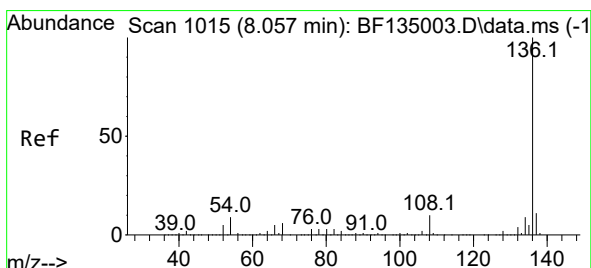
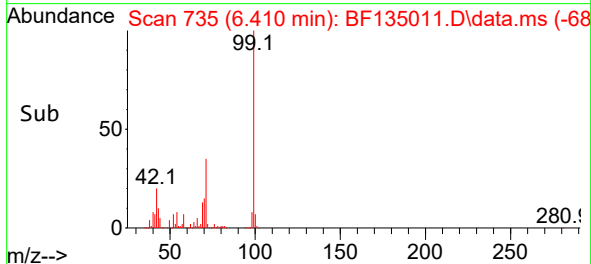
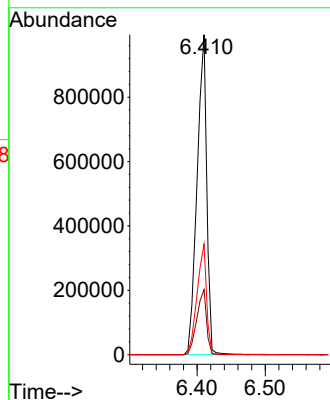
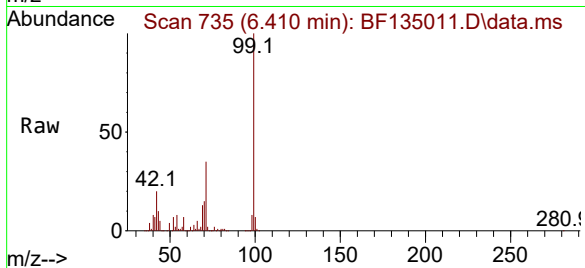




#7
Phenol-d6
Concen: 93.845 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135011.D
Acq: 30 Aug 2023 18:27

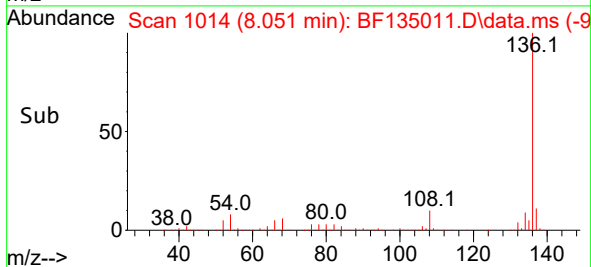
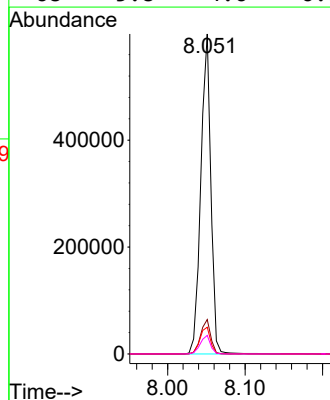
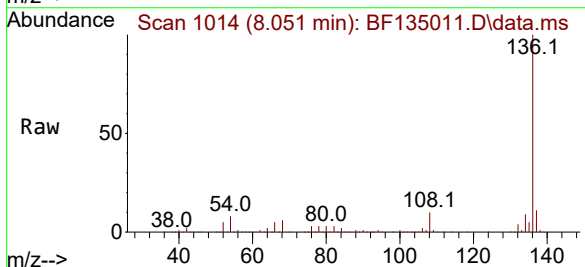
Instrument :
BNA_F
ClientSampleId :
PB155120BL

Tgt Ion: 99 Resp: 979488
Ion Ratio Lower Upper
99 100
42 20.4 16.6 25.0
71 34.5 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: BF135011.D
Acq: 30 Aug 2023 18:27

Tgt Ion:136 Resp: 538404
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.4 7.0 10.4
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 96.217 ng

RT: 7.339 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135011.D

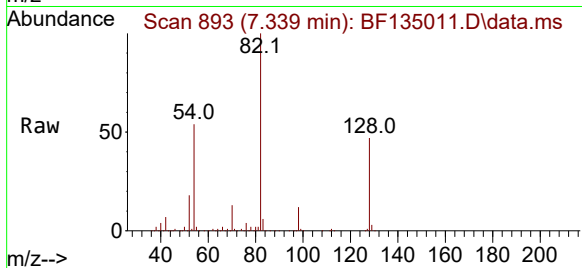
Acq: 30 Aug 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB155120BL



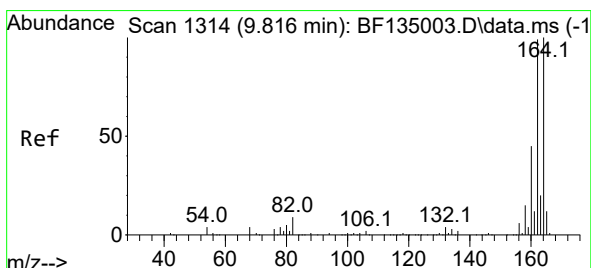
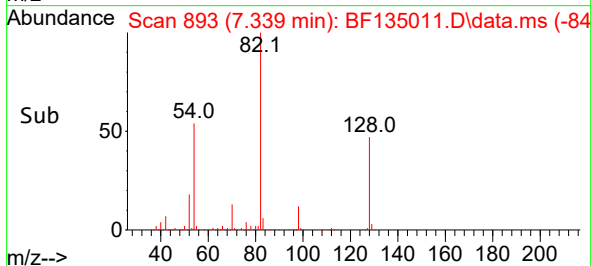
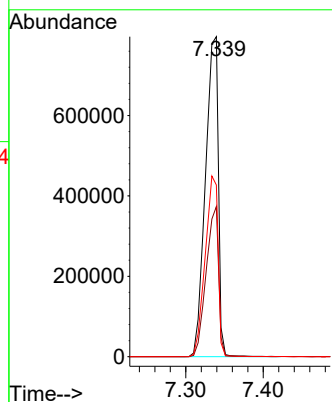
Tgt Ion: 82 Resp: 922093

Ion Ratio Lower Upper

82 100

128 46.9 37.8 56.8

54 53.7 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: BF135011.D

Acq: 30 Aug 2023 18:27

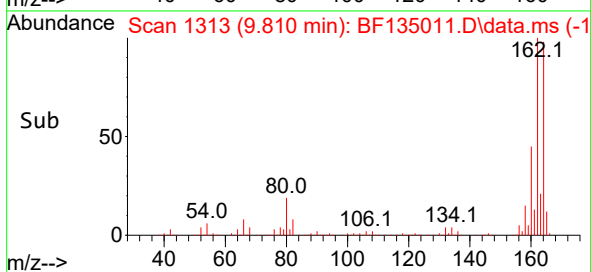
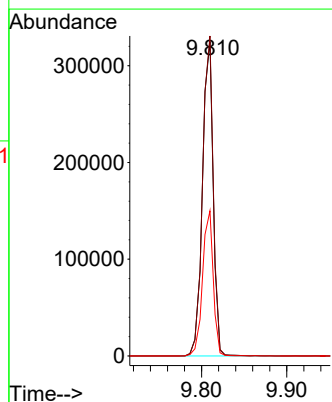
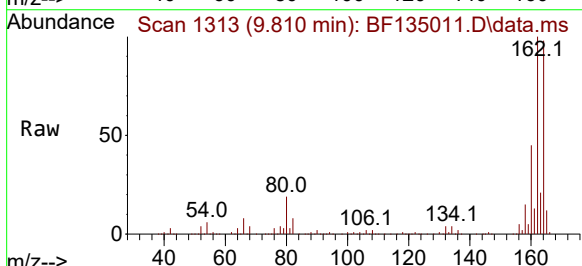
Tgt Ion: 164 Resp: 284711

Ion Ratio Lower Upper

164 100

162 101.8 79.5 119.3

160 46.2 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 93.235 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135011.D

Acq: 30 Aug 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB155120BL

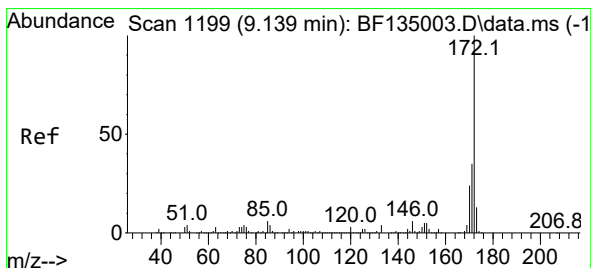
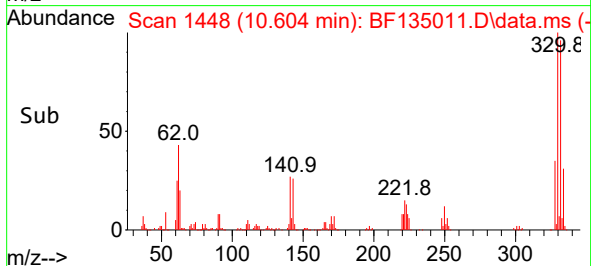
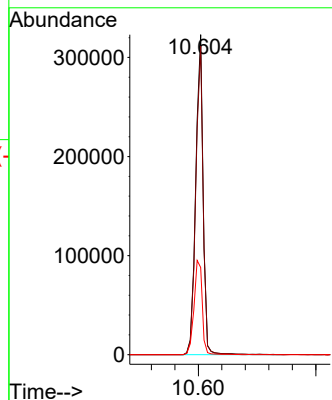
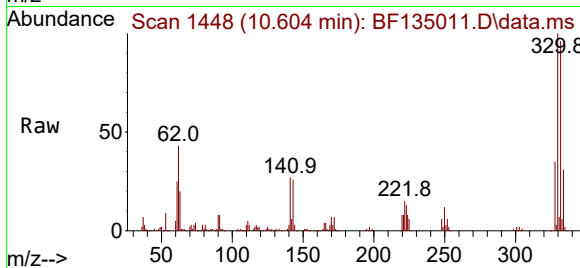
Tgt Ion:330 Resp: 281586

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

141 32.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 91.362 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135011.D

Acq: 30 Aug 2023 18:27

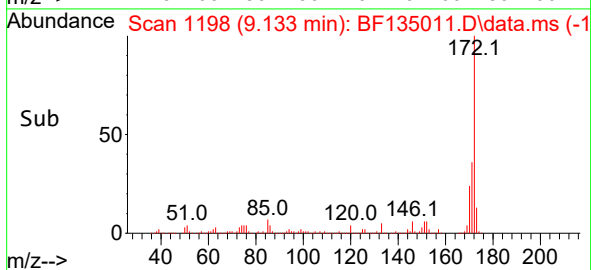
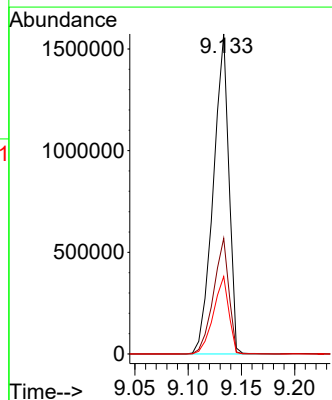
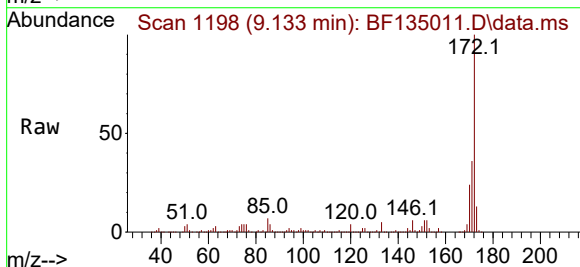
Tgt Ion:172 Resp: 1597668

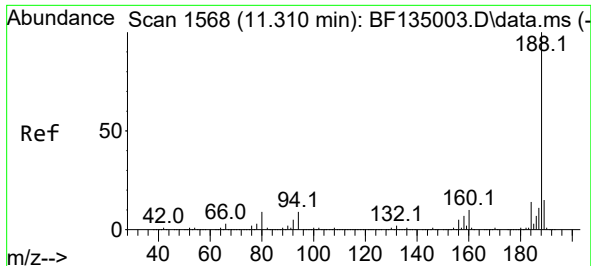
Ion Ratio Lower Upper

172 100

171 36.1 28.2 42.2

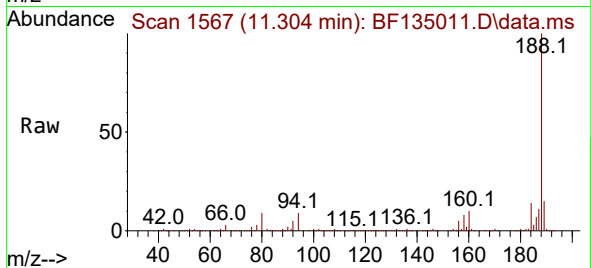
170 24.2 19.0 28.4



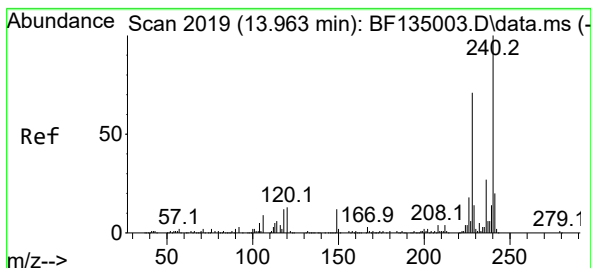
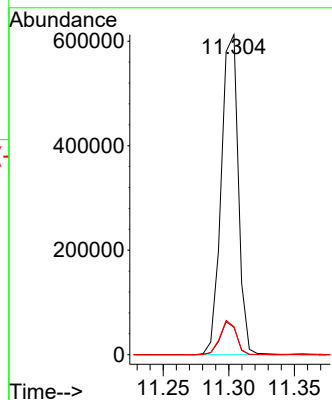
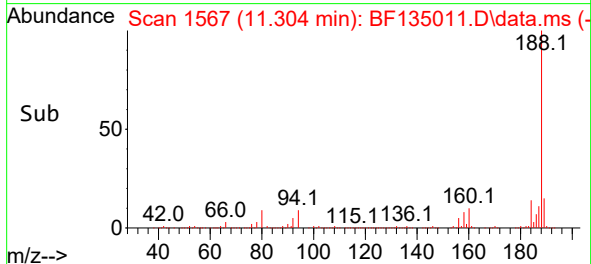


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135011.D
Acq: 30 Aug 2023 18:27

Instrument :
BNA_F
ClientSampleId :
PB155120BL

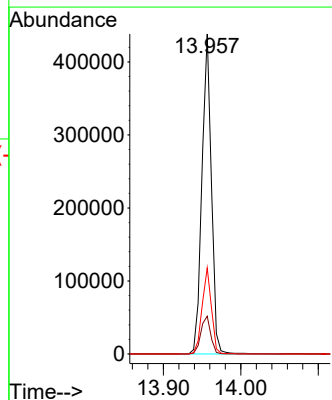
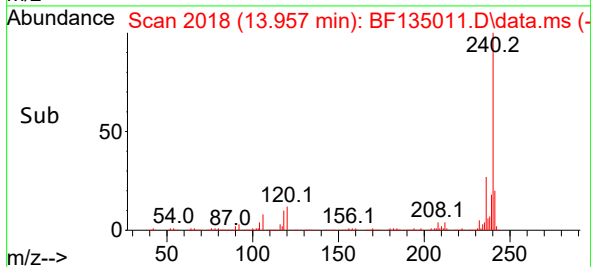
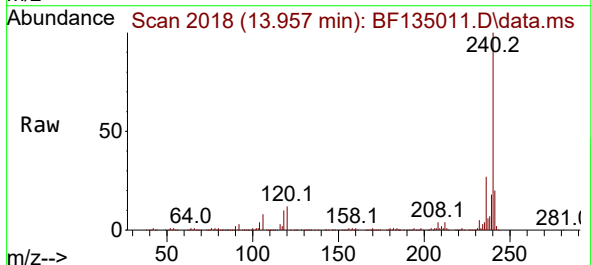


Tgt Ion:188 Resp: 554145
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 8.8 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135011.D
Acq: 30 Aug 2023 18:27

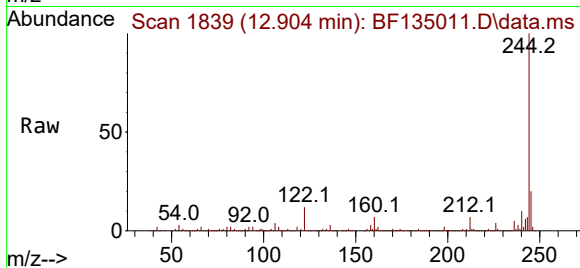
Tgt Ion:240 Resp: 371416
Ion Ratio Lower Upper
240 100
120 11.8 10.2 15.2
236 26.9 21.3 31.9



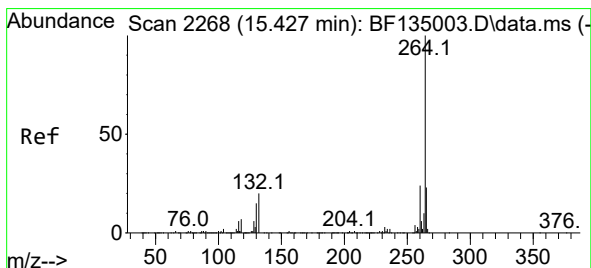
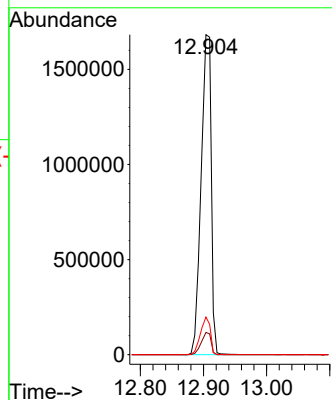
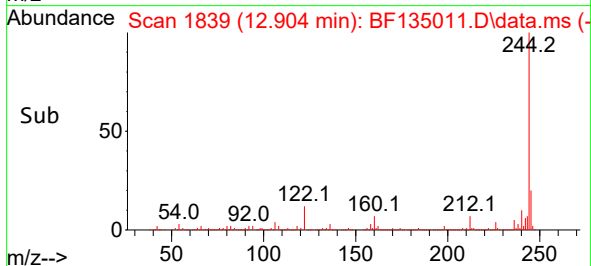


#79
 Terphenyl-d14
 Concen: 82.310 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF135011.D
 Acq: 30 Aug 2023 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB155120BL



Tgt Ion:244 Resp: 1873356
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.8 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: BF135011.D
 Acq: 30 Aug 2023 18:27

Tgt Ion:264 Resp: 282852
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.4 18.2 27.2

