

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135118.D
 Acq On : 06 Sep 2023 04:26
 Operator : CG\JU
 Sample : 04244-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN-BLOCK

Quant Time: Sep 06 05:58:57 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	6.775	152	112852	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	446115	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	207665	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	340361	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	226392	20.000	ng	0.00
86) Perylene-d12	15.421	264	191142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	430735	58.955	ng	0.00
7) Phenol-d6	6.416	99	790108	86.762	ng	0.00
23) Nitrobenzene-d5	7.339	82	573114	72.174	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	50222	22.798	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	992594	77.820	ng	0.00
79) Terphenyl-d14	12.898	244	898332	64.754	ng	0.00

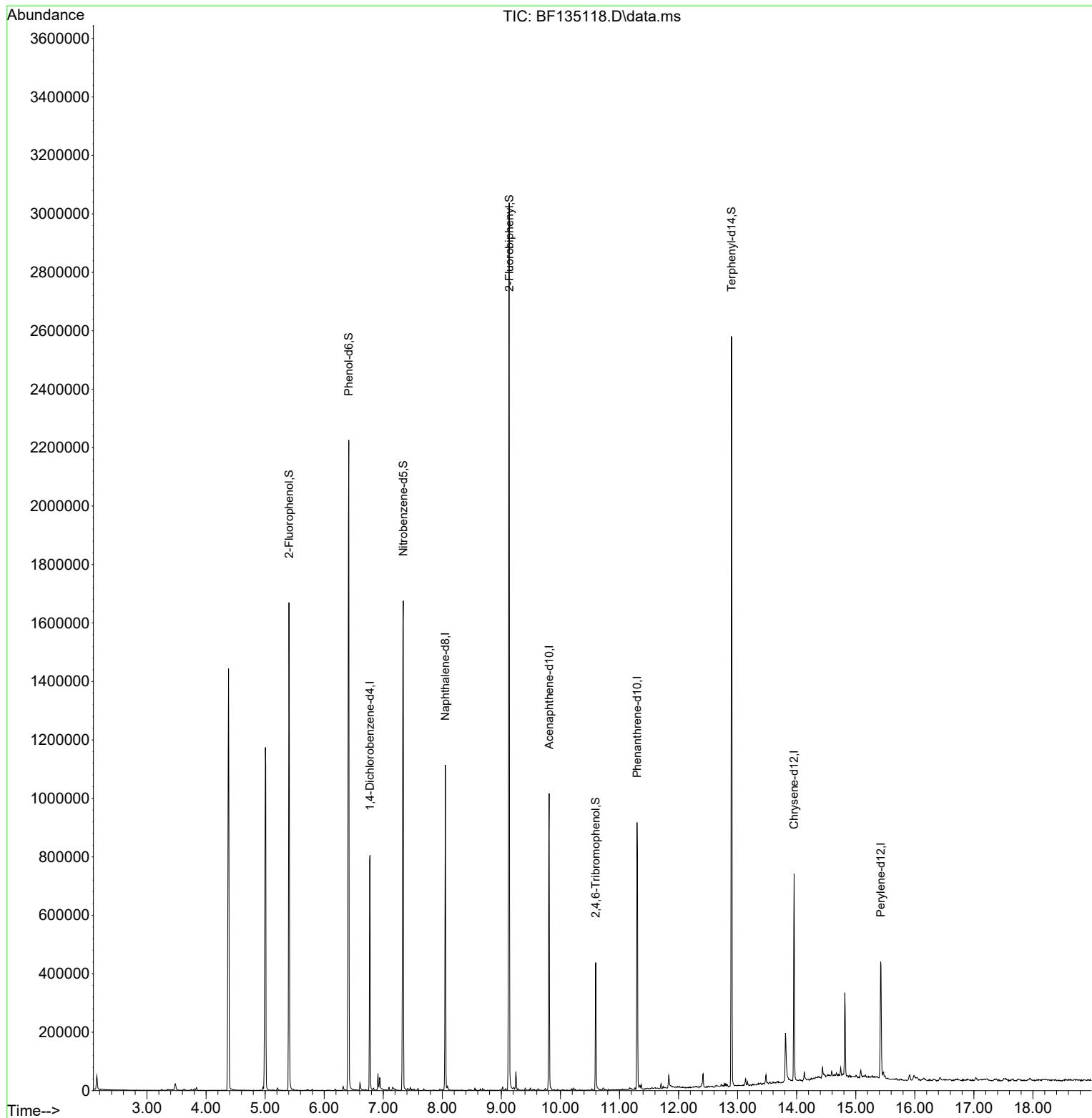
Target Compounds	Qvalue

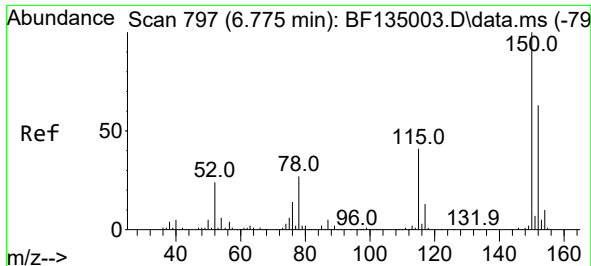
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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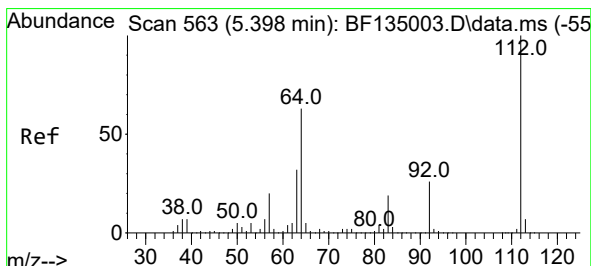
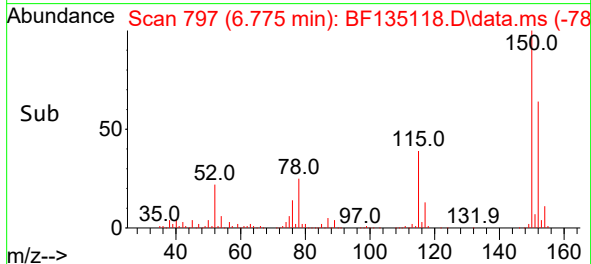
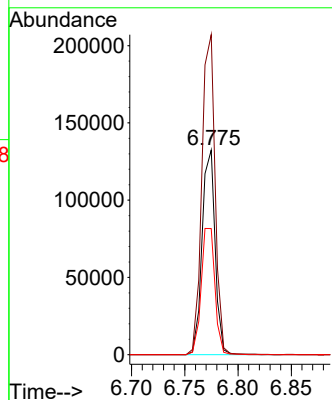
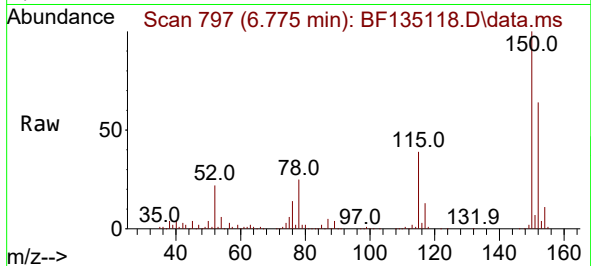




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

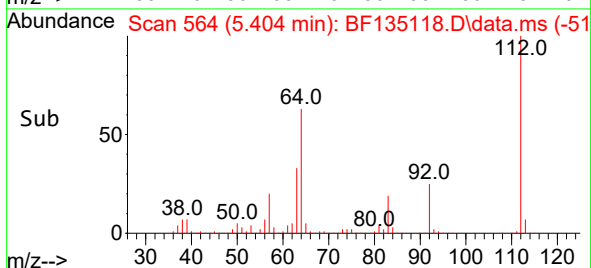
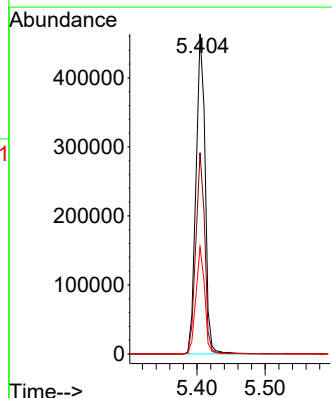
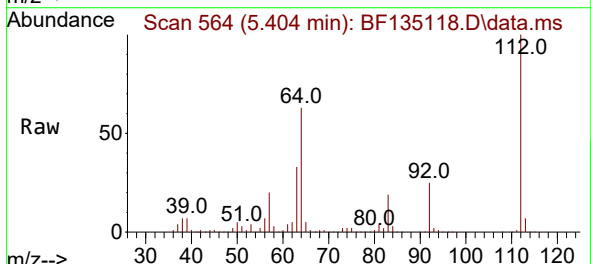
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

Tgt Ion:152 Resp: 112852
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.4
115 61.6 51.2 76.8



#5
2-Fluorophenol
Concen: 58.955 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

Tgt Ion:112 Resp: 430735
Ion Ratio Lower Upper
112 100
64 62.9 50.5 75.7
63 33.3 25.9 38.9

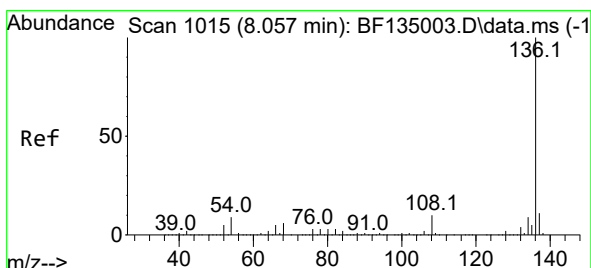
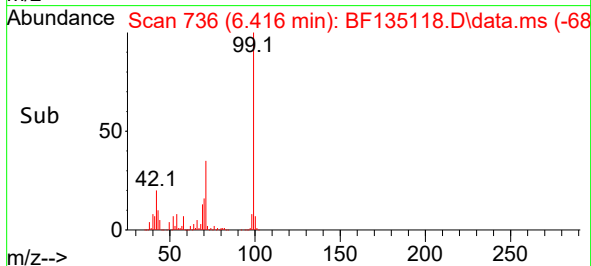
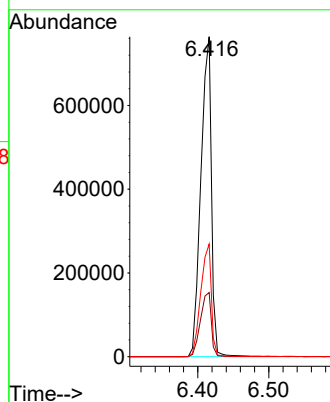
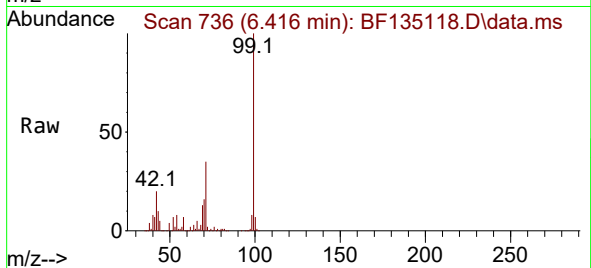




#7
Phenol-d6
Concen: 86.762 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

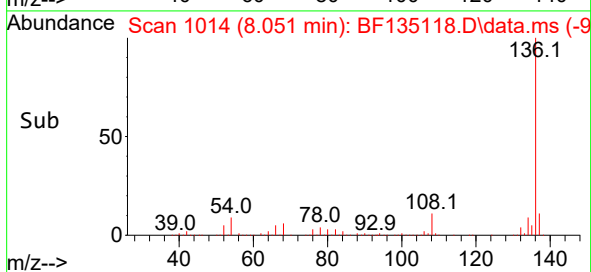
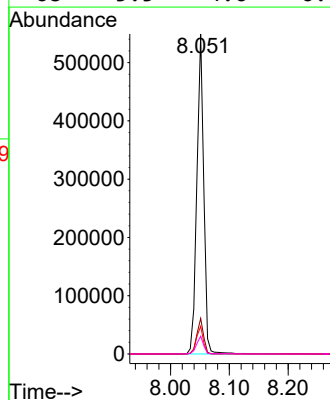
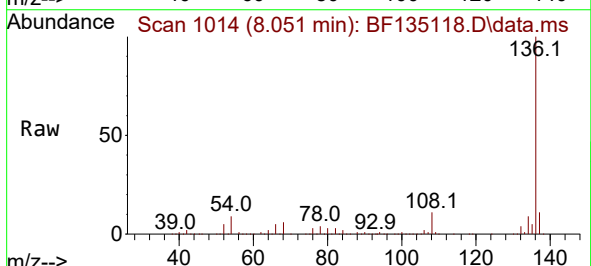
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

Tgt Ion: 99 Resp: 790108
Ion Ratio Lower Upper
99 100
42 20.1 16.6 25.0
71 35.2 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: BF135118.D
Acq: 06 Sep 2023 04:26

Tgt Ion: 136 Resp: 446115
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.6 7.0 10.4
68 5.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 72.174 ng

RT: 7.339 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135118.D

Acq: 06 Sep 2023 04:26

Instrument :

BNA_F

ClientSampleId :

BIN-BLOCK

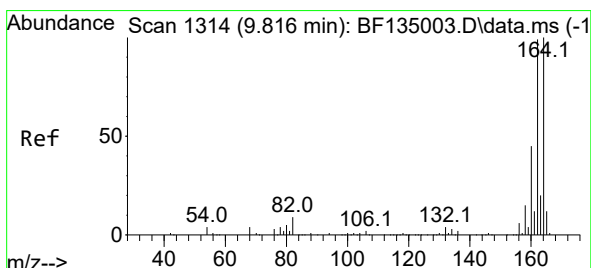
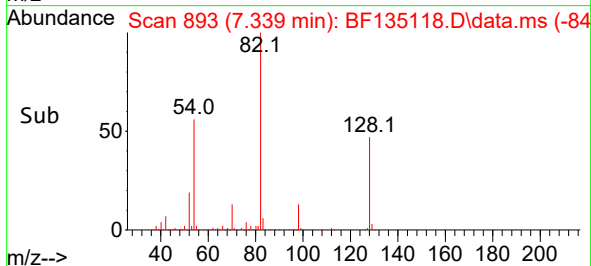
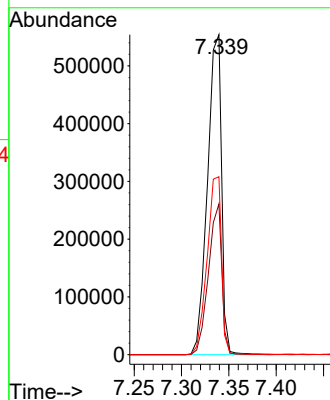
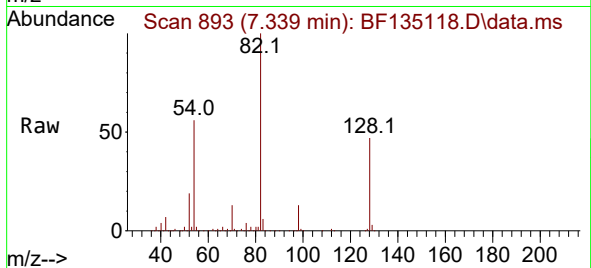
Tgt Ion: 82 Resp: 573114

Ion Ratio Lower Upper

82 100

128 47.1 37.8 56.8

54 55.6 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: BF135118.D

Acq: 06 Sep 2023 04:26

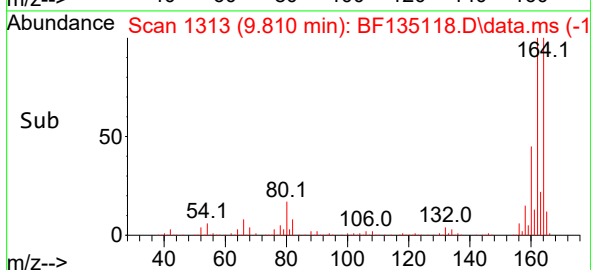
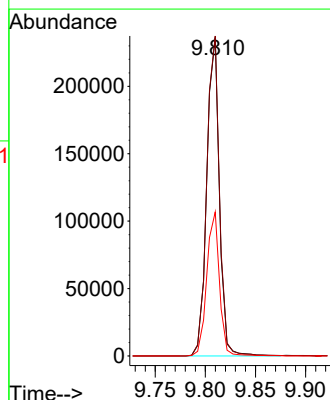
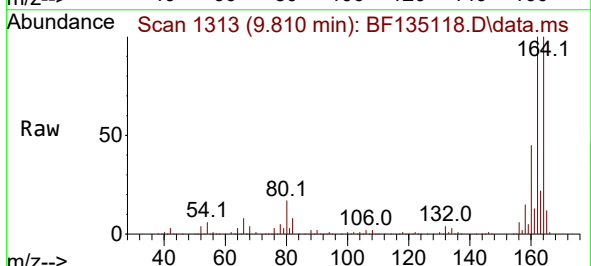
Tgt Ion: 164 Resp: 207665

Ion Ratio Lower Upper

164 100

162 100.5 79.5 119.3

160 45.2 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 22.798 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135118.D

Acq: 06 Sep 2023 04:26

Instrument :

BNA_F

ClientSampleId :

BIN-BLOCK

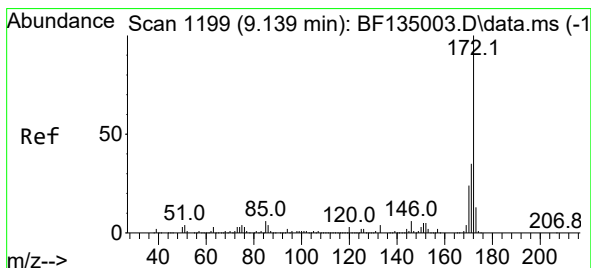
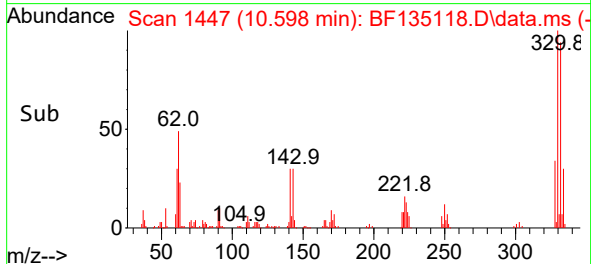
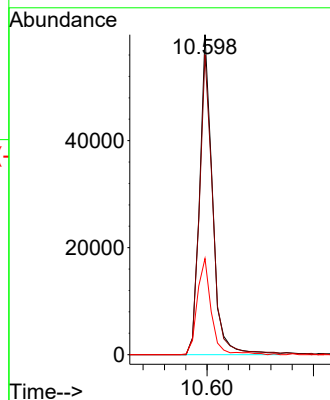
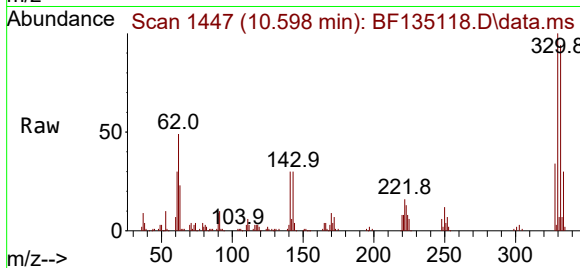
Tgt Ion:330 Resp: 50222

Ion Ratio Lower Upper

330 100

332 97.6 77.6 116.4

141 32.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 77.820 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135118.D

Acq: 06 Sep 2023 04:26

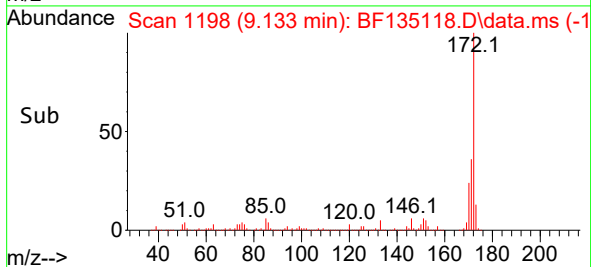
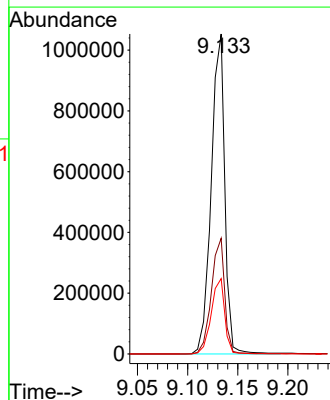
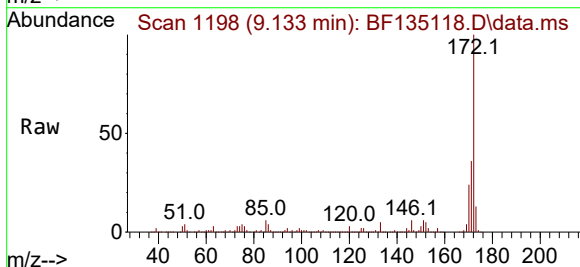
Tgt Ion:172 Resp: 992594

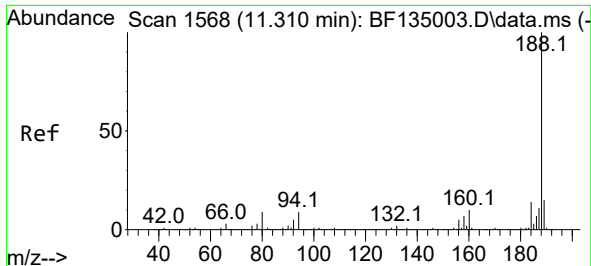
Ion Ratio Lower Upper

172 100

171 36.2 28.2 42.2

170 23.6 19.0 28.4

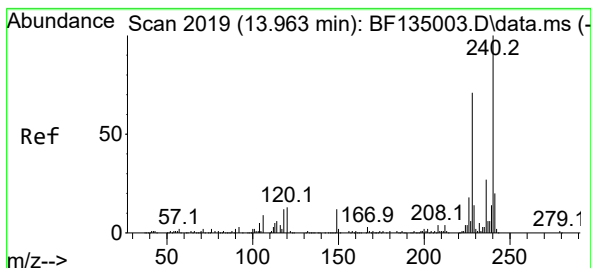
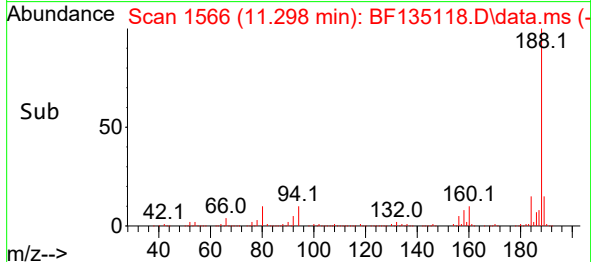
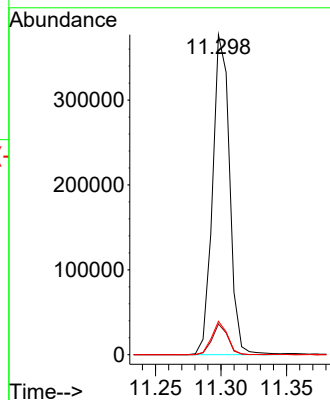
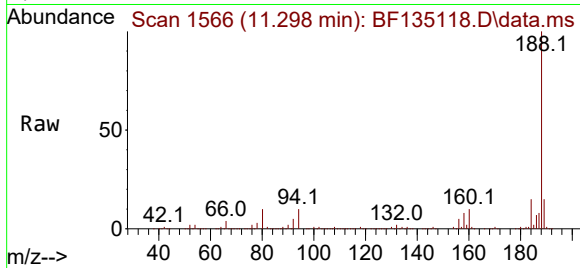




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

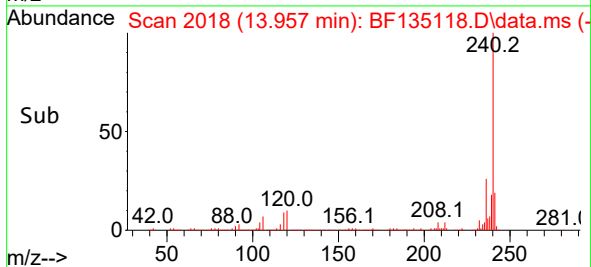
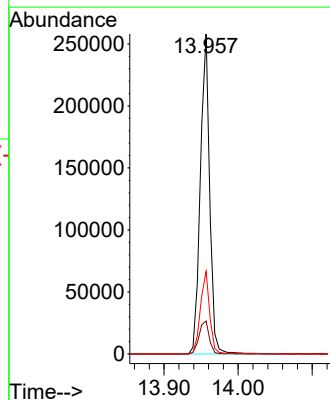
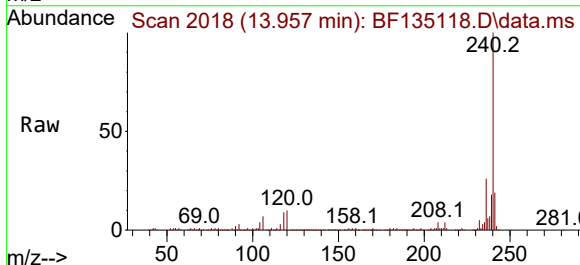
Instrument :
BNA_F
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BIN-BLOCK

Tgt Ion:188 Resp: 340361
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.5 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: BF135118.D
Acq: 06 Sep 2023 04:26

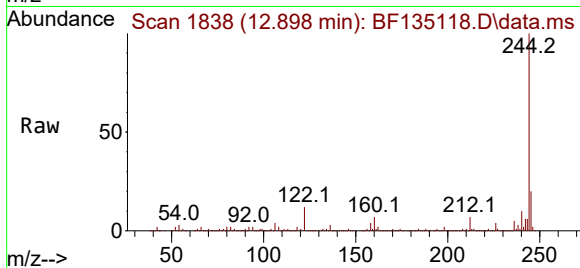
Tgt Ion:240 Resp: 226392
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.2
236 25.8 21.3 31.9



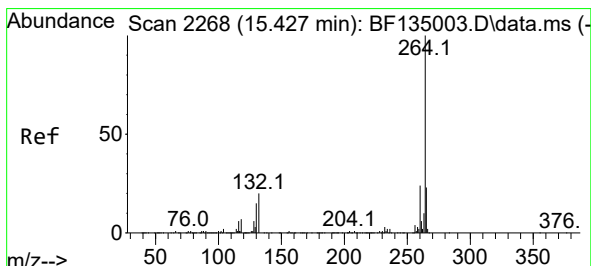
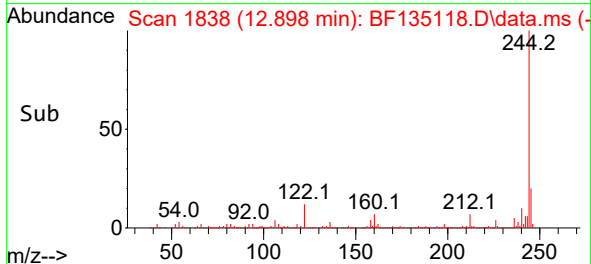
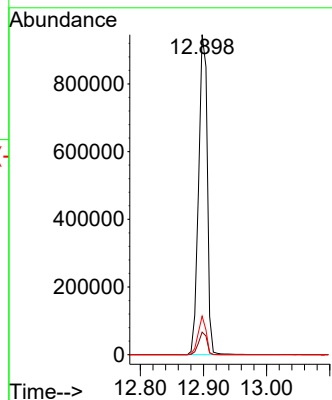


#79
 Terphenyl-d14
 Concen: 64.754 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135118.D
 Acq: 06 Sep 2023 04:26

Instrument :
 BNA_F
 ClientSampleId :
 BIN-BLOCK



Tgt Ion:244 Resp: 898332
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.0 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF135118.D
 Acq: 06 Sep 2023 04:26

Tgt Ion:264 Resp: 191142
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.2 18.2 27.2

