

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135238.D
 Acq On : 13 Sep 2023 23:35
 Operator : CG\JU
 Sample : 04256-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Sep 14 02:25:27 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	6.763	152	120870	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	443351	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	200033	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	307697	20.000	ng	0.00
76) Chrysene-d12	13.945	240	242902	20.000	ng	0.00
86) Perylene-d12	15.415	264	219826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	788898	106.155	ng	0.02
7) Phenol-d6	6.410	99	907931	96.081	ng	0.00
23) Nitrobenzene-d5	7.328	82	655730	80.355	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	202981	102.111	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1118350	84.350	ng	0.00
79) Terphenyl-d14	12.886	244	904625	57.733	ng	0.00

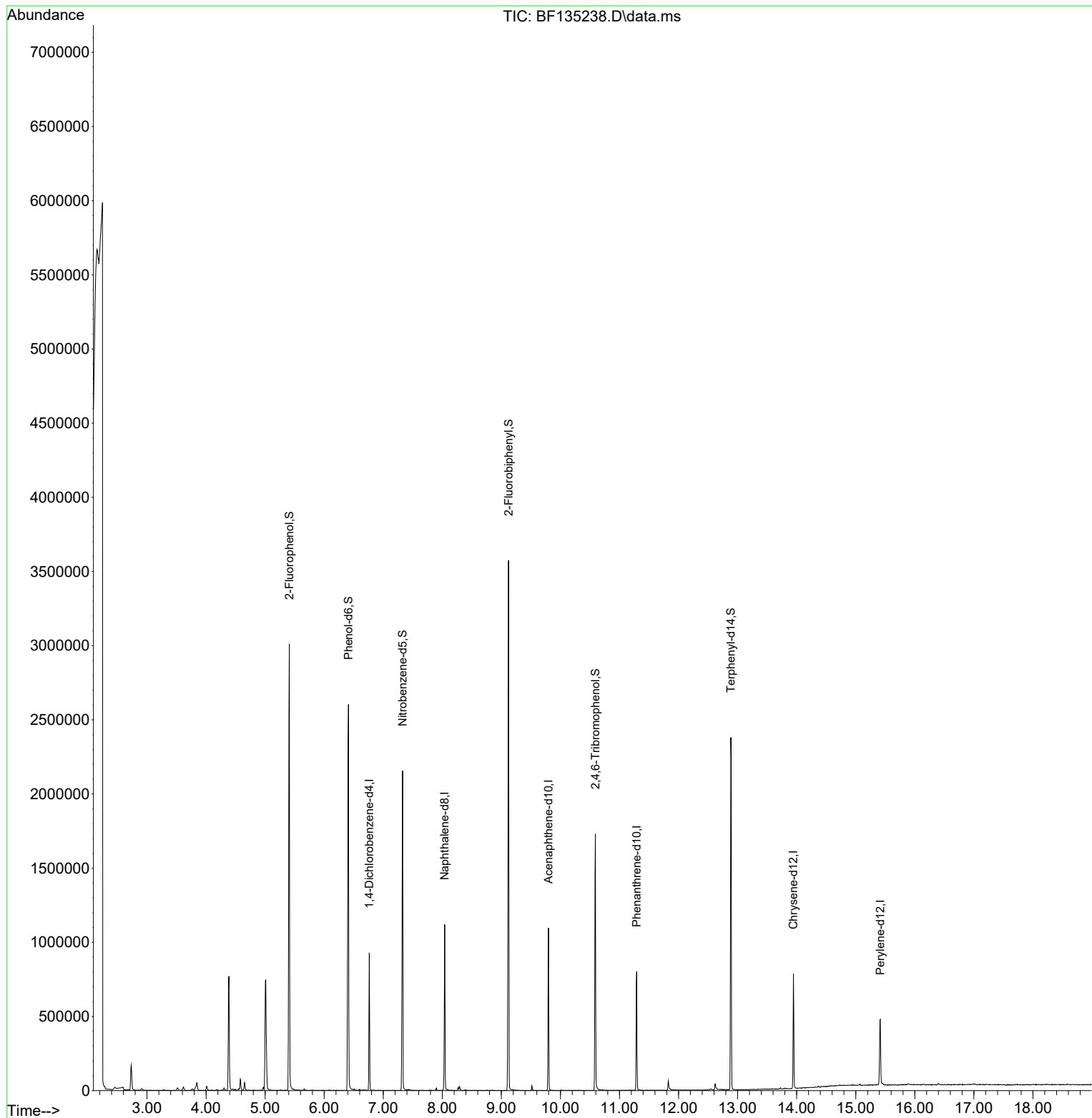
Target Compounds	Qvalue

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

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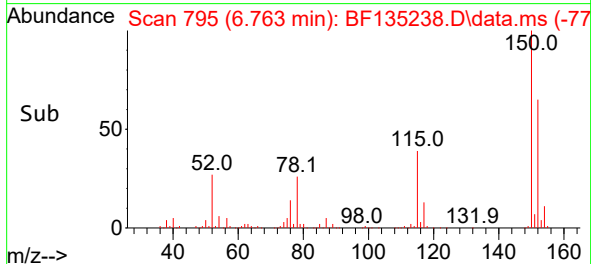
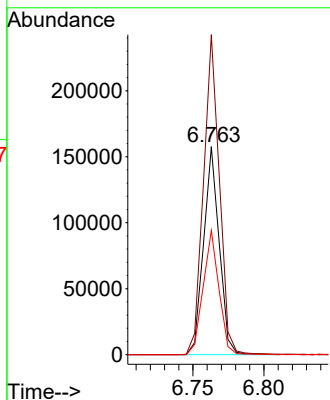
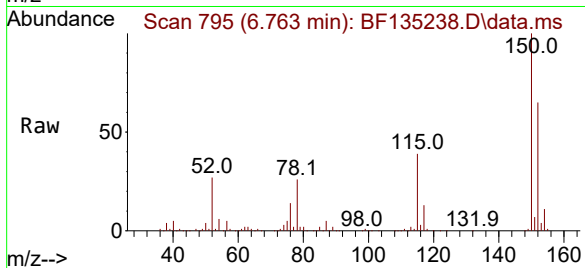




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135238.D
Acq: 13 Sep 2023 23:35

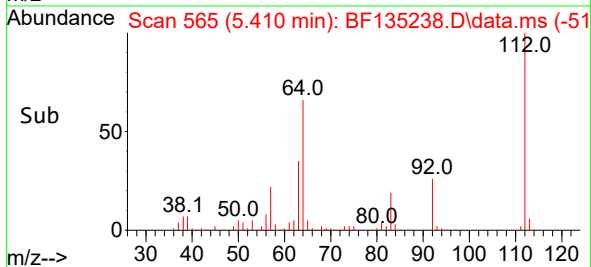
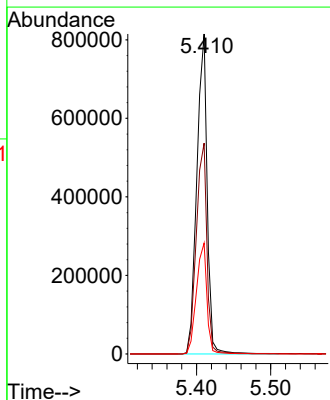
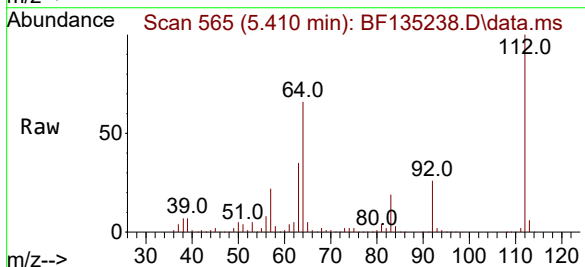
Instrument :
BNA_F
ClientSampleId :
MW-3

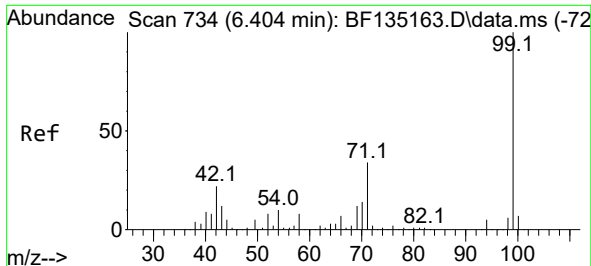
Tgt Ion:152 Resp: 120870
Ion Ratio Lower Upper
152 100
150 153.8 127.8 191.6
115 59.7 49.8 74.8



#5
2-Fluorophenol
Concen: 106.155 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.024 min
Lab File: BF135238.D
Acq: 13 Sep 2023 23:35

Tgt Ion:112 Resp: 788898
Ion Ratio Lower Upper
112 100
64 65.9 55.9 83.9
63 34.6 29.0 43.6

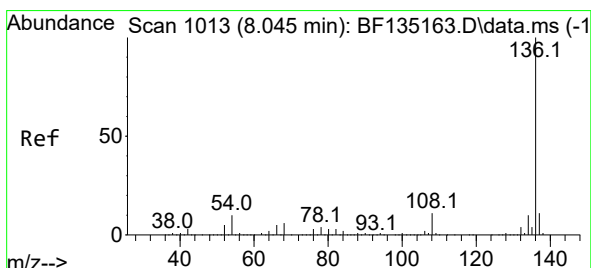
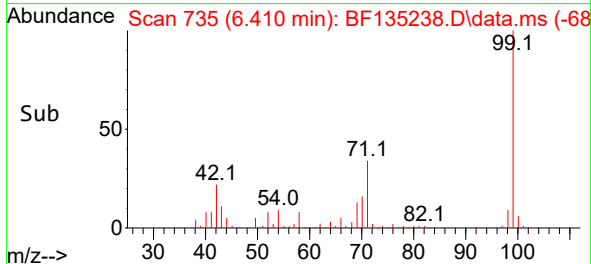
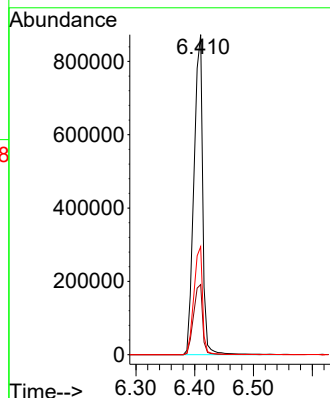
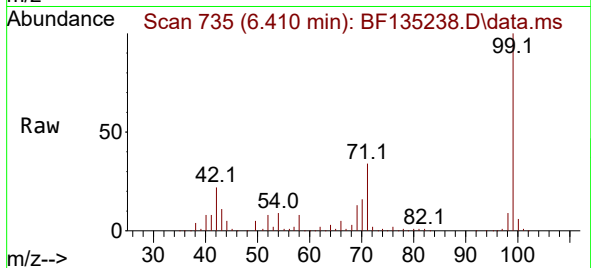




#7
Phenol-d6
Concen: 96.081 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135238.D
Acq: 13 Sep 2023 23:35

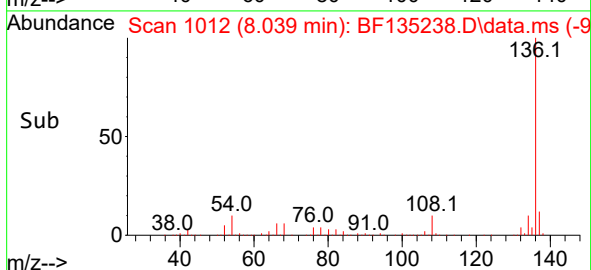
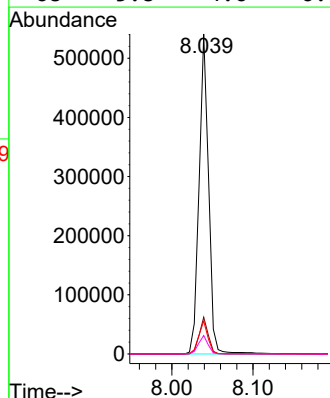
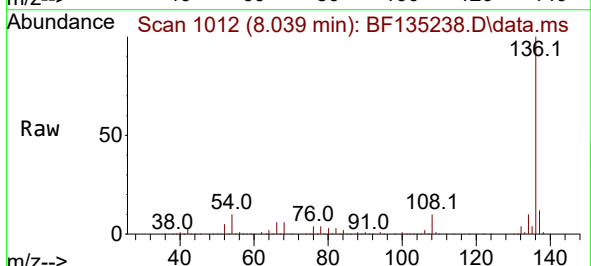
Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 99 Resp: 907931
Ion Ratio Lower Upper
99 100
42 21.9 17.9 26.9
71 33.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135238.D
Acq: 13 Sep 2023 23:35

Tgt Ion: 136 Resp: 443351
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 10.2 7.7 11.5
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 80.355 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135238.D

Acq: 13 Sep 2023 23:35

Instrument :

BNA_F

ClientSampleId :

MW-3

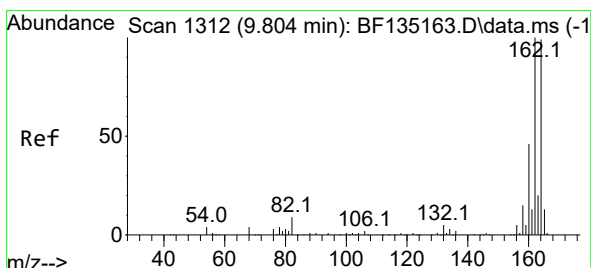
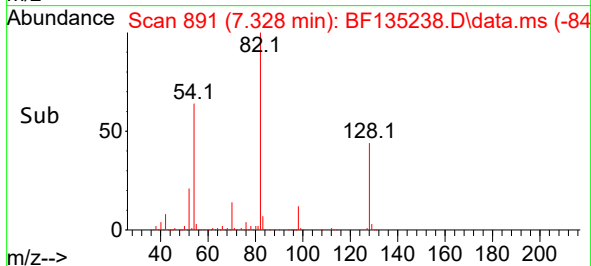
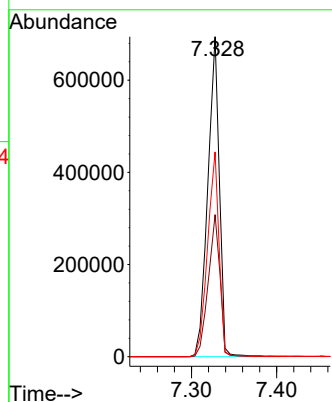
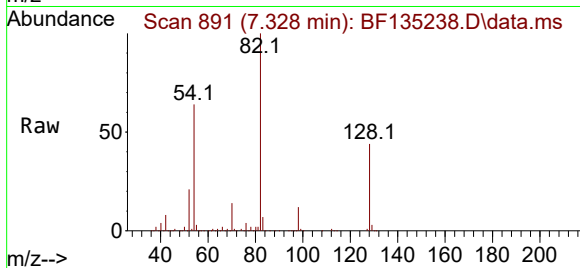
Tgt Ion: 82 Resp: 655730

Ion Ratio Lower Upper

82 100

128 44.4 35.8 53.6

54 64.0 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135238.D

Acq: 13 Sep 2023 23:35

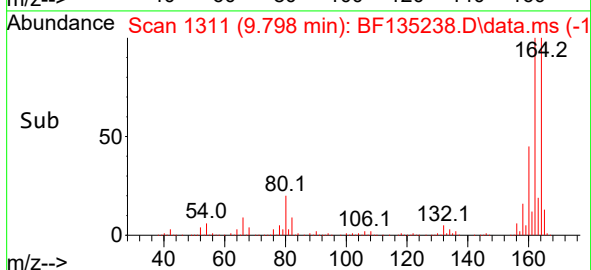
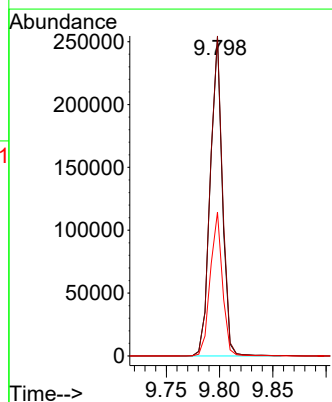
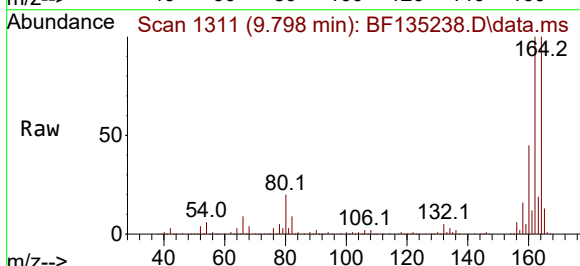
Tgt Ion: 164 Resp: 200033

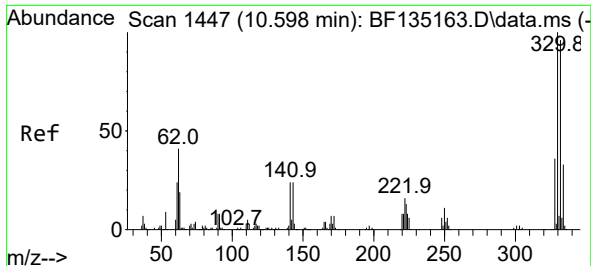
Ion Ratio Lower Upper

164 100

162 100.3 81.0 121.4

160 45.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 102.111 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135238.D

Acq: 13 Sep 2023 23:35

Instrument :

BNA_F

ClientSampleId :

MW-3

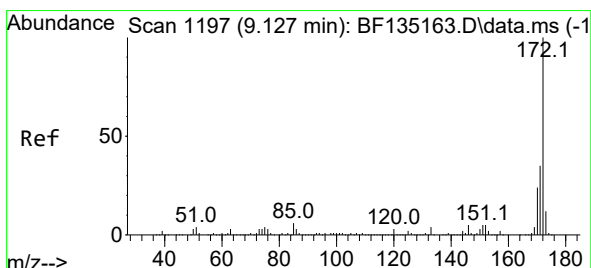
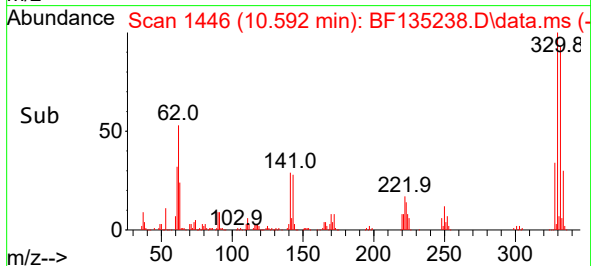
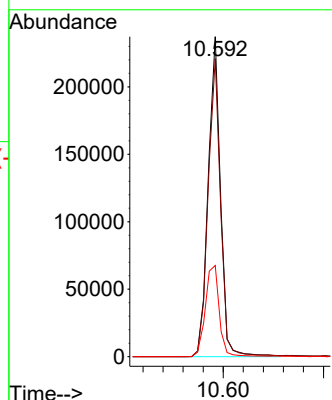
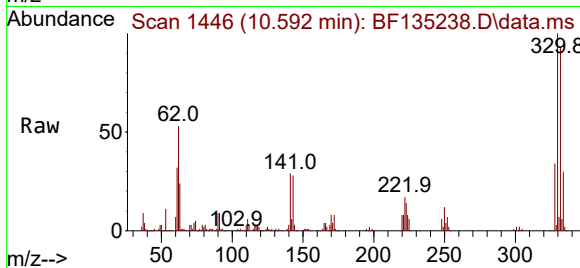
Tgt Ion:330 Resp: 202981

Ion Ratio Lower Upper

330 100

332 94.9 77.3 115.9

141 32.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 84.350 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135238.D

Acq: 13 Sep 2023 23:35

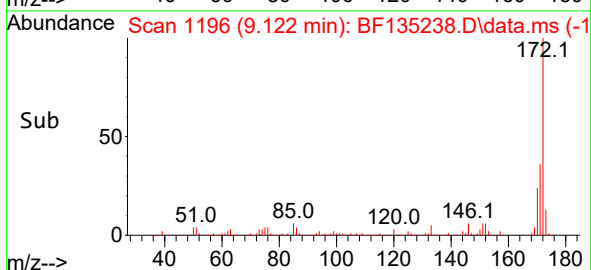
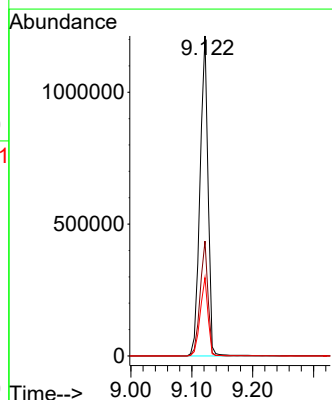
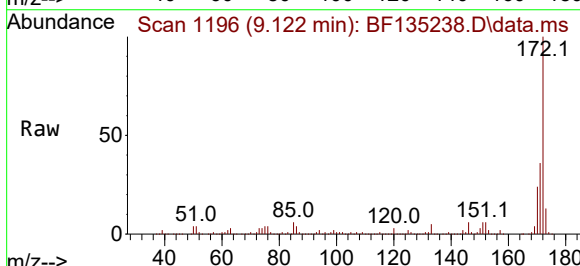
Tgt Ion:172 Resp: 1118350

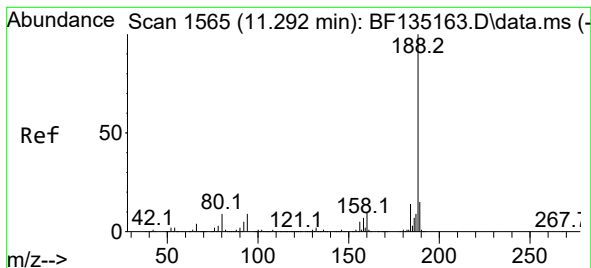
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135238.D

Acq: 13 Sep 2023 23:35

Instrument :

BNA_F

ClientSampleId :

MW-3

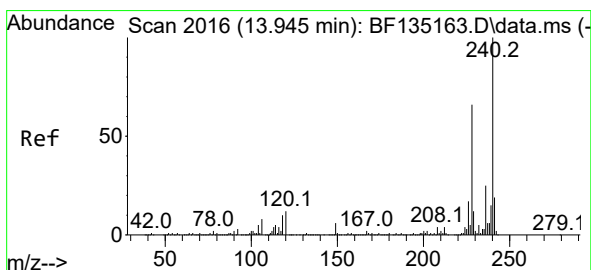
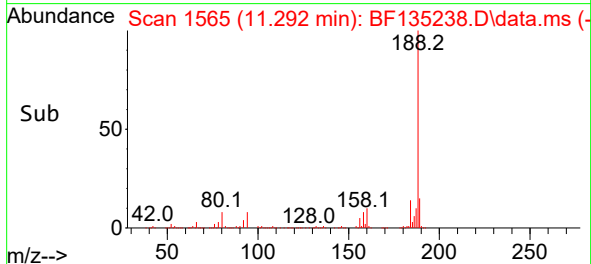
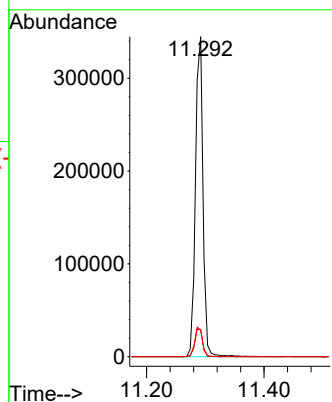
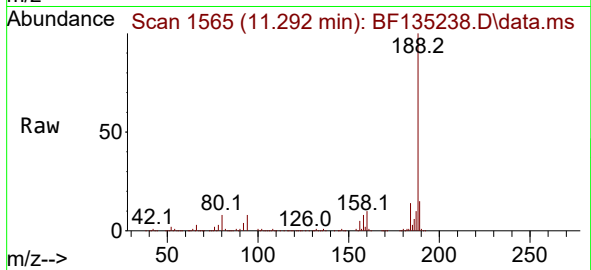
Tgt Ion:188 Resp: 307697

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 8.3 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: BF135238.D

Acq: 13 Sep 2023 23:35

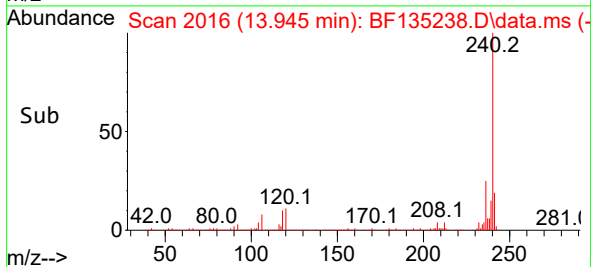
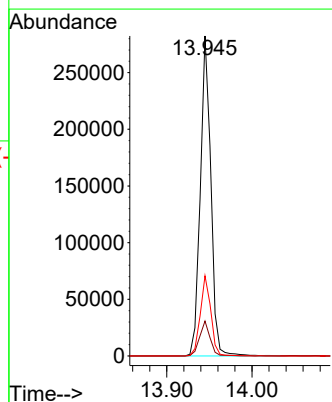
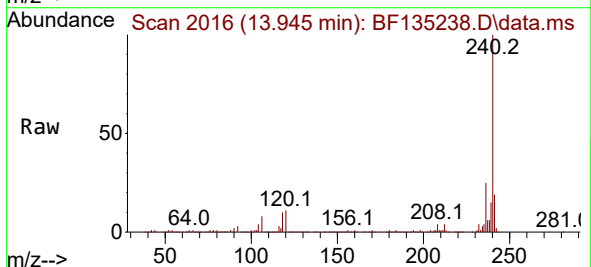
Tgt Ion:240 Resp: 242902

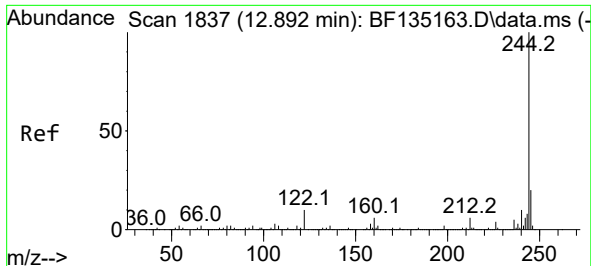
Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 25.1 19.8 29.8

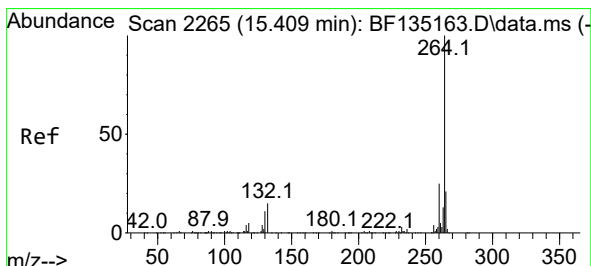
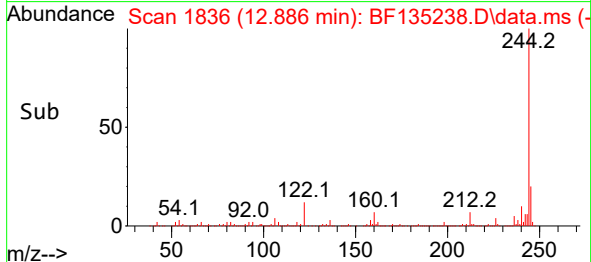
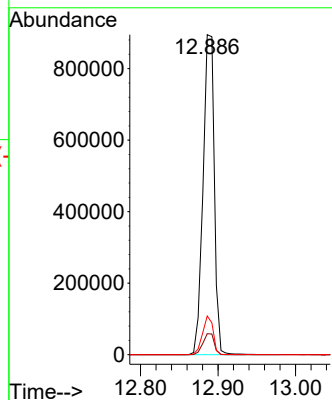
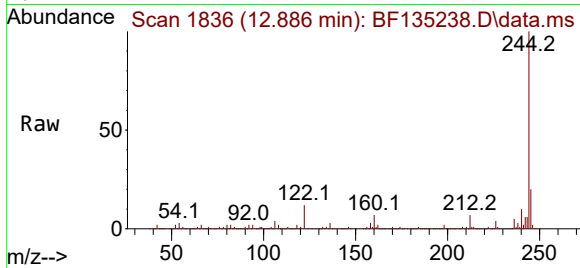




#79
 Terphenyl-d14
 Concen: 57.733 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135238.D
 Acq: 13 Sep 2023 23:35

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 904625
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.1 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: BF135238.D
 Acq: 13 Sep 2023 23:35

Tgt Ion:264 Resp: 219826
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.8 29.6
 265 21.5 17.0 25.4

