

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135237.D
 Acq On : 13 Sep 2023 23:03
 Operator : CG\JU
 Sample : 04256-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Sep 14 02:25:10 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	98315	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	381274	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	158466	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	245281	20.000	ng	0.00
76) Chrysene-d12	13.945	240	218971	20.000	ng	0.00
86) Perylene-d12	15.410	264	200111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	710148	117.481	ng	0.02
7) Phenol-d6	6.404	99	790274	102.816	ng	0.00
23) Nitrobenzene-d5	7.328	82	553793	78.912	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	166260	105.577	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	965498	91.923	ng	0.00
79) Terphenyl-d14	12.886	244	857974	60.740	ng	0.00

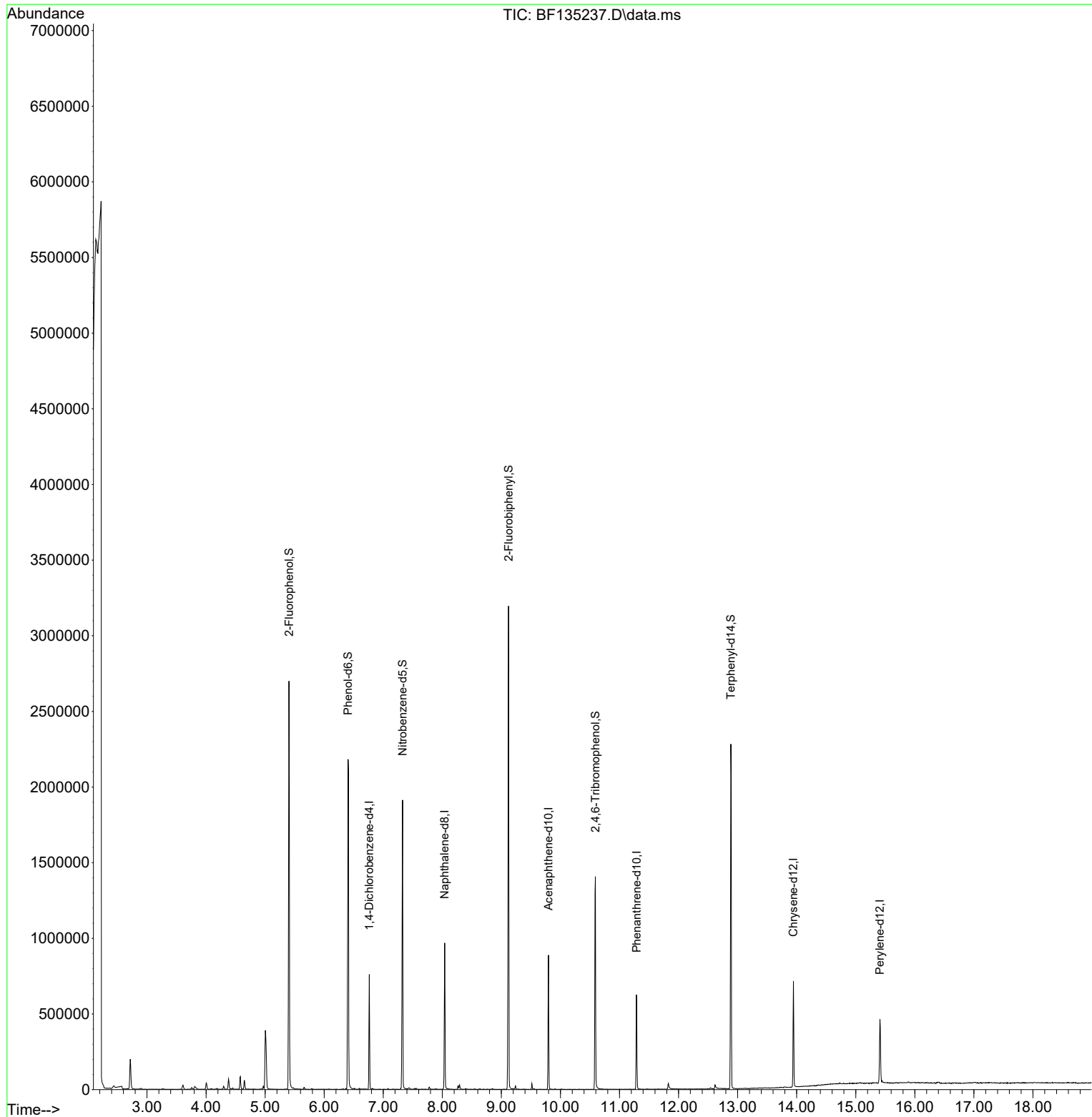
Target Compounds	Qvalue

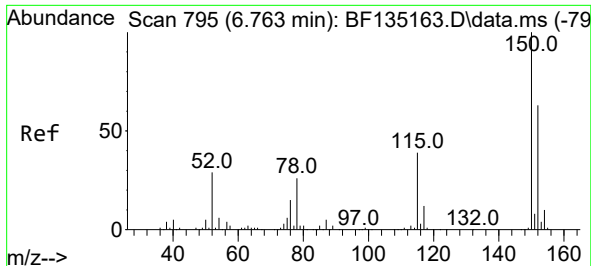
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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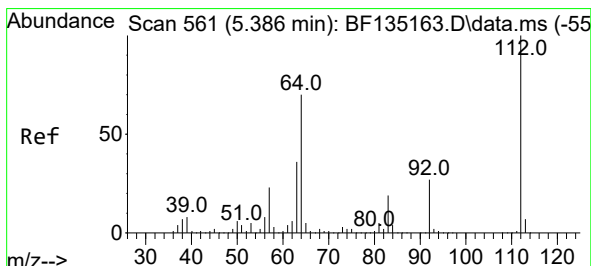
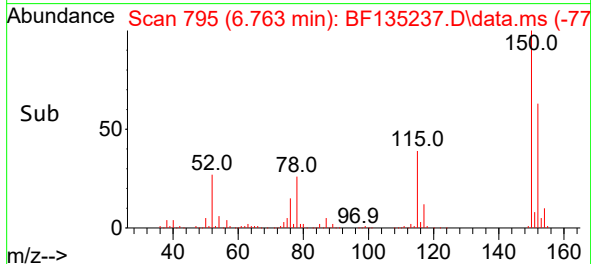
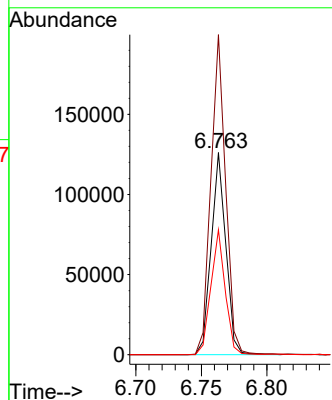
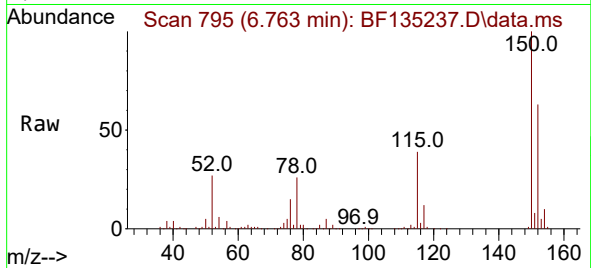




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

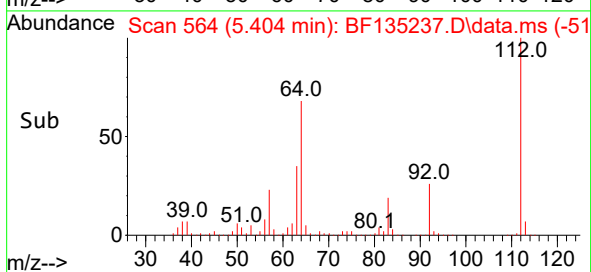
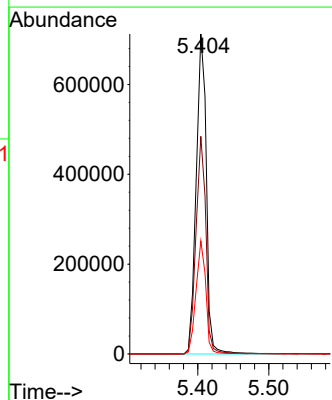
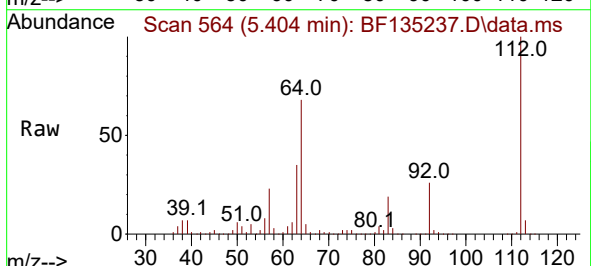
Instrument :
BNA_F
ClientSampleId :
MW-2

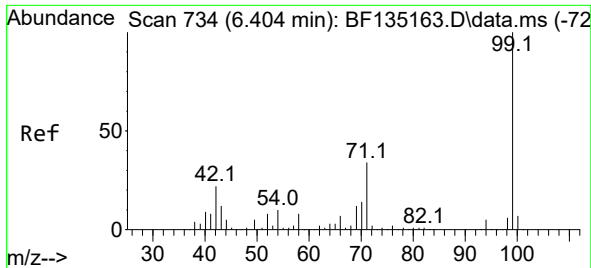
Tgt Ion:152 Resp: 98315
Ion Ratio Lower Upper
152 100
150 158.4 127.8 191.6
115 61.8 49.8 74.8



#5
2-Fluorophenol
Concen: 117.481 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

Tgt Ion:112 Resp: 710148
Ion Ratio Lower Upper
112 100
64 68.0 55.9 83.9
63 35.4 29.0 43.6





#7

Phenol-d6

Concen: 102.816 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135237.D

Acq: 13 Sep 2023 23:03

Instrument :

BNA_F

ClientSampleId :

MW-2

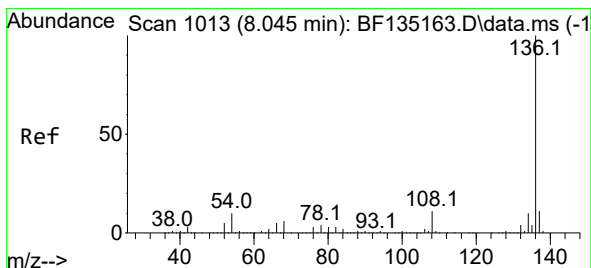
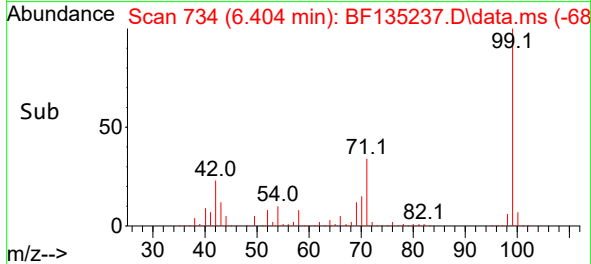
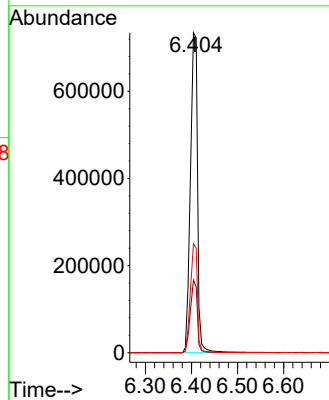
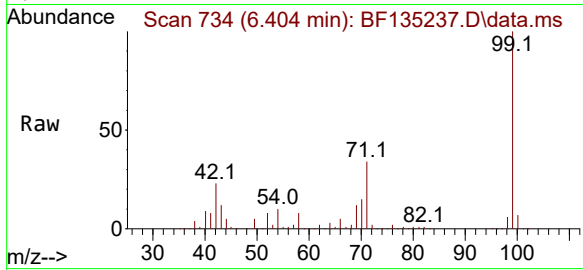
Tgt Ion: 99 Resp: 790274

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

71 34.0 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: BF135237.D

Acq: 13 Sep 2023 23:03

Tgt Ion:136 Resp: 381274

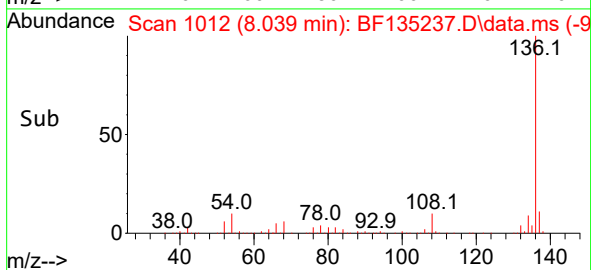
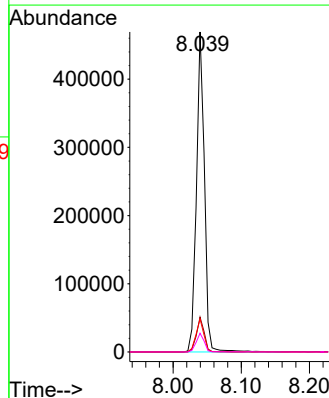
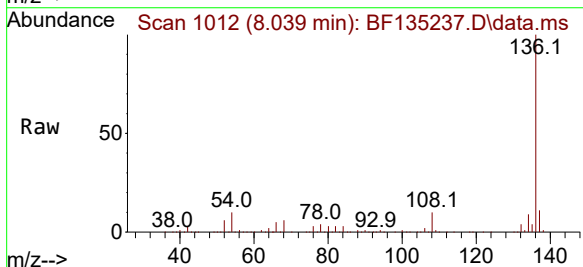
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.3 7.7 11.5

68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 78.912 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF135237.D

Acq: 13 Sep 2023 23:03

Instrument :

BNA_F

ClientSampleId :

MW-2

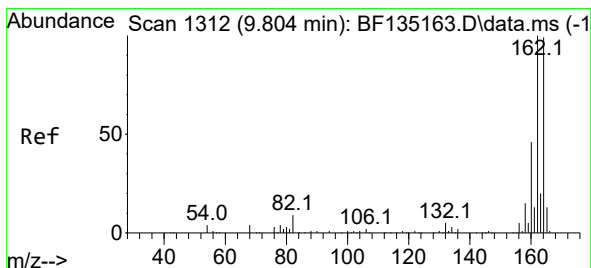
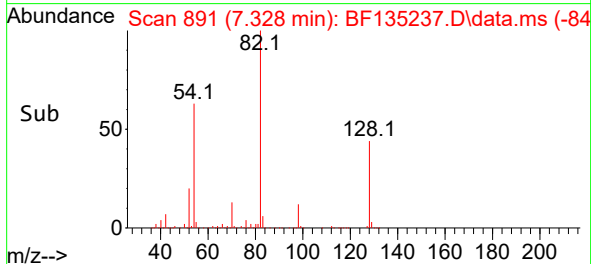
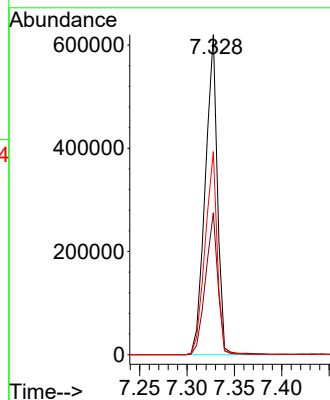
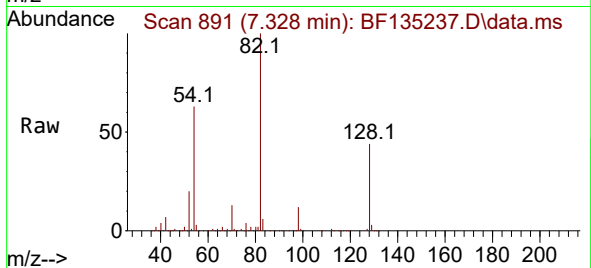
Tgt Ion: 82 Resp: 553793

Ion Ratio Lower Upper

82 100

128 44.3 35.8 53.6

54 63.4 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: BF135237.D

Acq: 13 Sep 2023 23:03

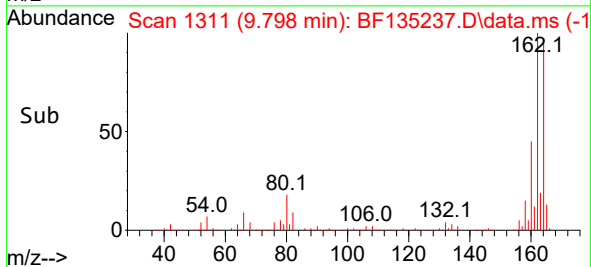
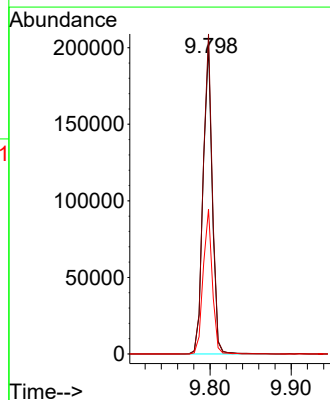
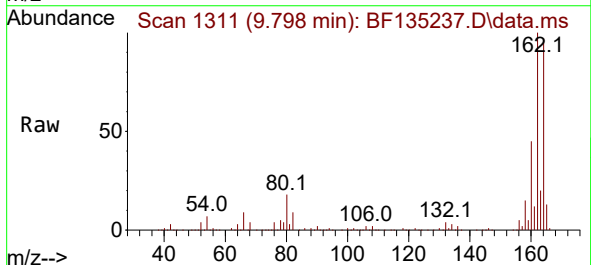
Tgt Ion:164 Resp: 158466

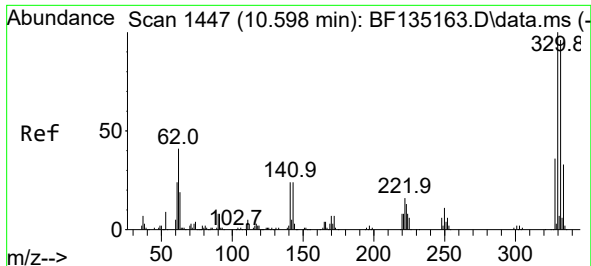
Ion Ratio Lower Upper

164 100

162 103.6 81.0 121.4

160 46.9 37.0 55.4

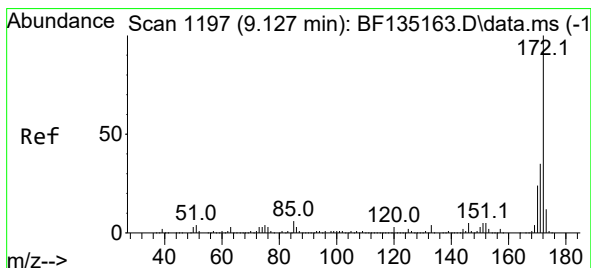
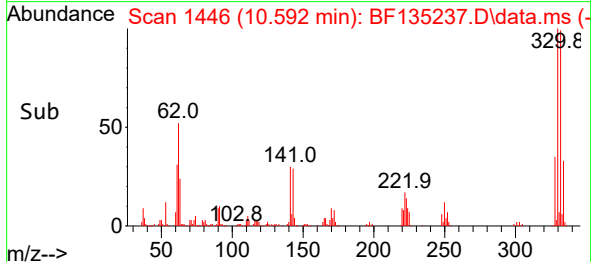
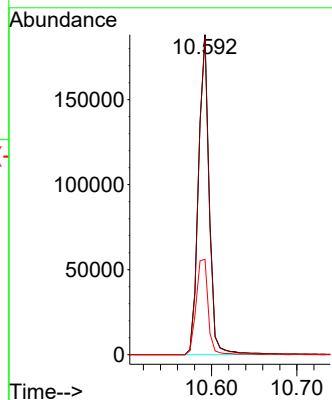
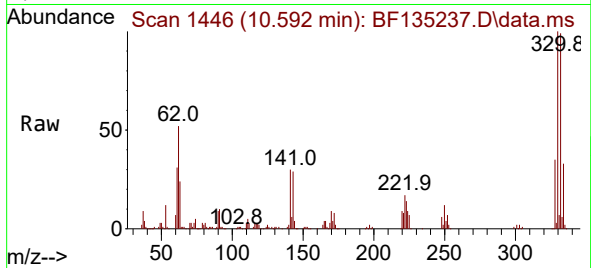




#42
2,4,6-Tribromophenol
Concen: 105.577 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

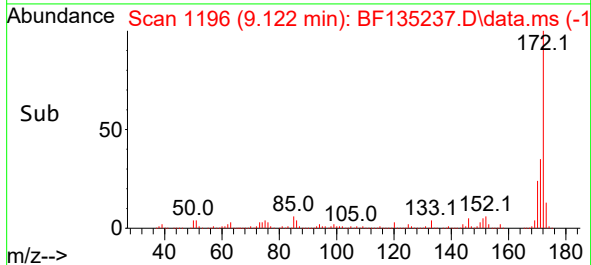
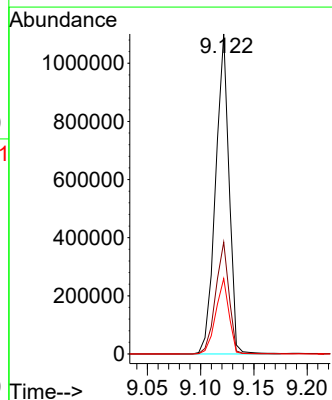
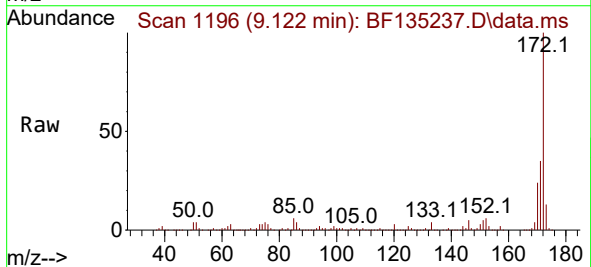
Instrument :
BNA_F
ClientSampleId :
MW-2

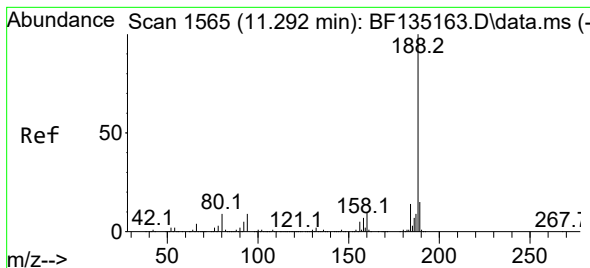
Tgt Ion:330 Resp: 166260
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 33.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 91.923 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

Tgt Ion:172 Resp: 965498
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.6 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: BF135237.D

Acq: 13 Sep 2023 23:03

Instrument :

BNA_F

ClientSampleId :

MW-2

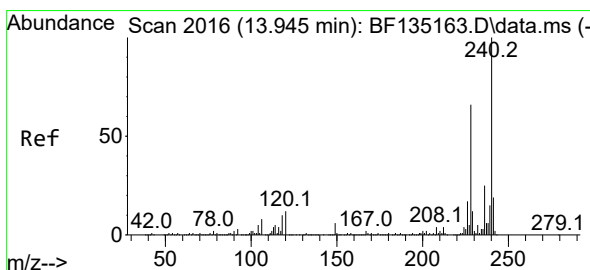
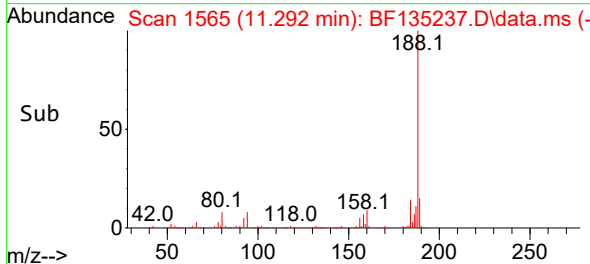
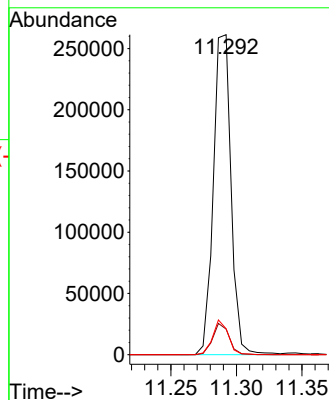
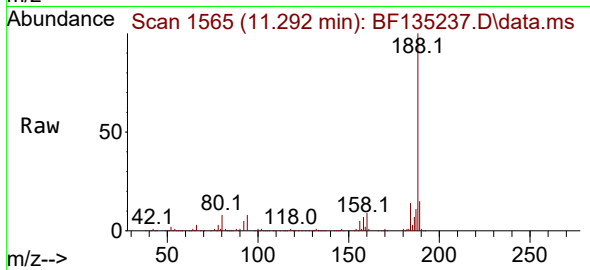
Tgt Ion:188 Resp: 245281

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

80 8.1 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: BF135237.D

Acq: 13 Sep 2023 23:03

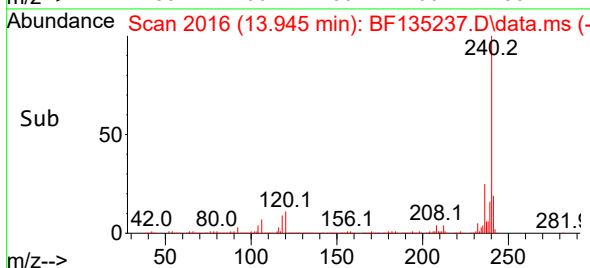
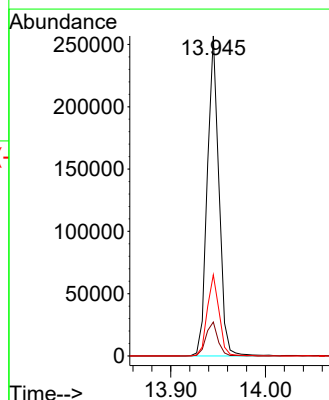
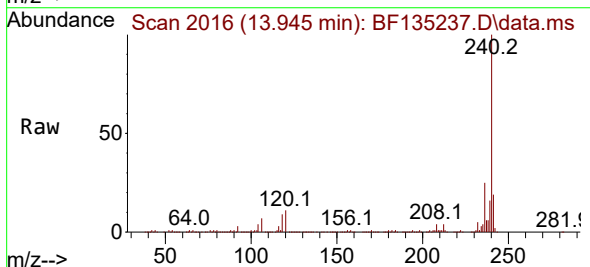
Tgt Ion:240 Resp: 218971

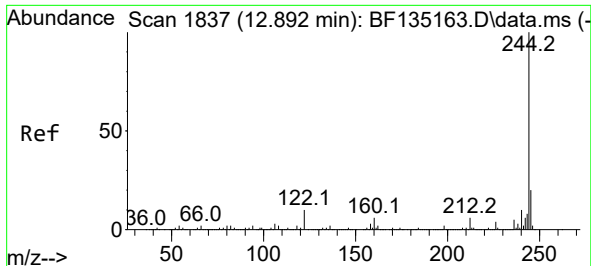
Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 25.4 19.8 29.8

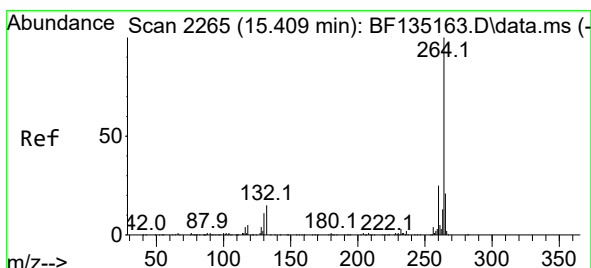
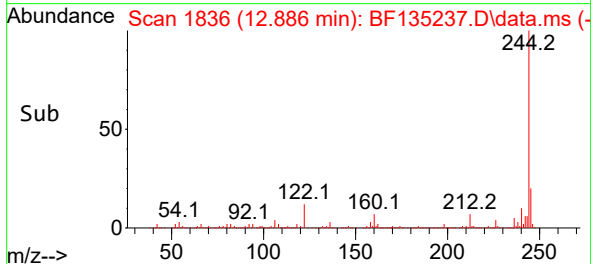
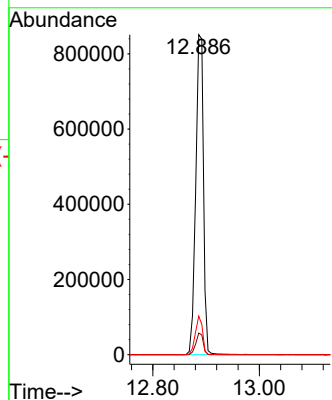
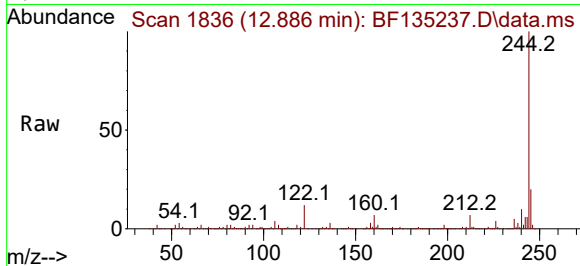




#79
 Terphenyl-d14
 Concen: 60.740 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135237.D
 Acq: 13 Sep 2023 23:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 857974
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.1 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: BF135237.D
 Acq: 13 Sep 2023 23:03

Tgt Ion:264 Resp: 200111
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 21.9 17.0 25.4

