

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135239.D
 Acq On : 14 Sep 2023 00:07
 Operator : CG\JU
 Sample : 04256-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-6

Quant Time: Sep 14 02:25:44 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	124853	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	450293	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	183519	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	287030	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	247666	20.000	ng	0.00
86) Perylene-d12	15.409	264	234977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	821376	107.000	ng	0.02
7) Phenol-d6	6.410	99	919376	94.188	ng	0.00
23) Nitrobenzene-d5	7.328	82	683104	82.419	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	199995	109.662	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1093978	89.937	ng	0.00
79) Terphenyl-d14	12.886	244	941060	58.903	ng	0.00

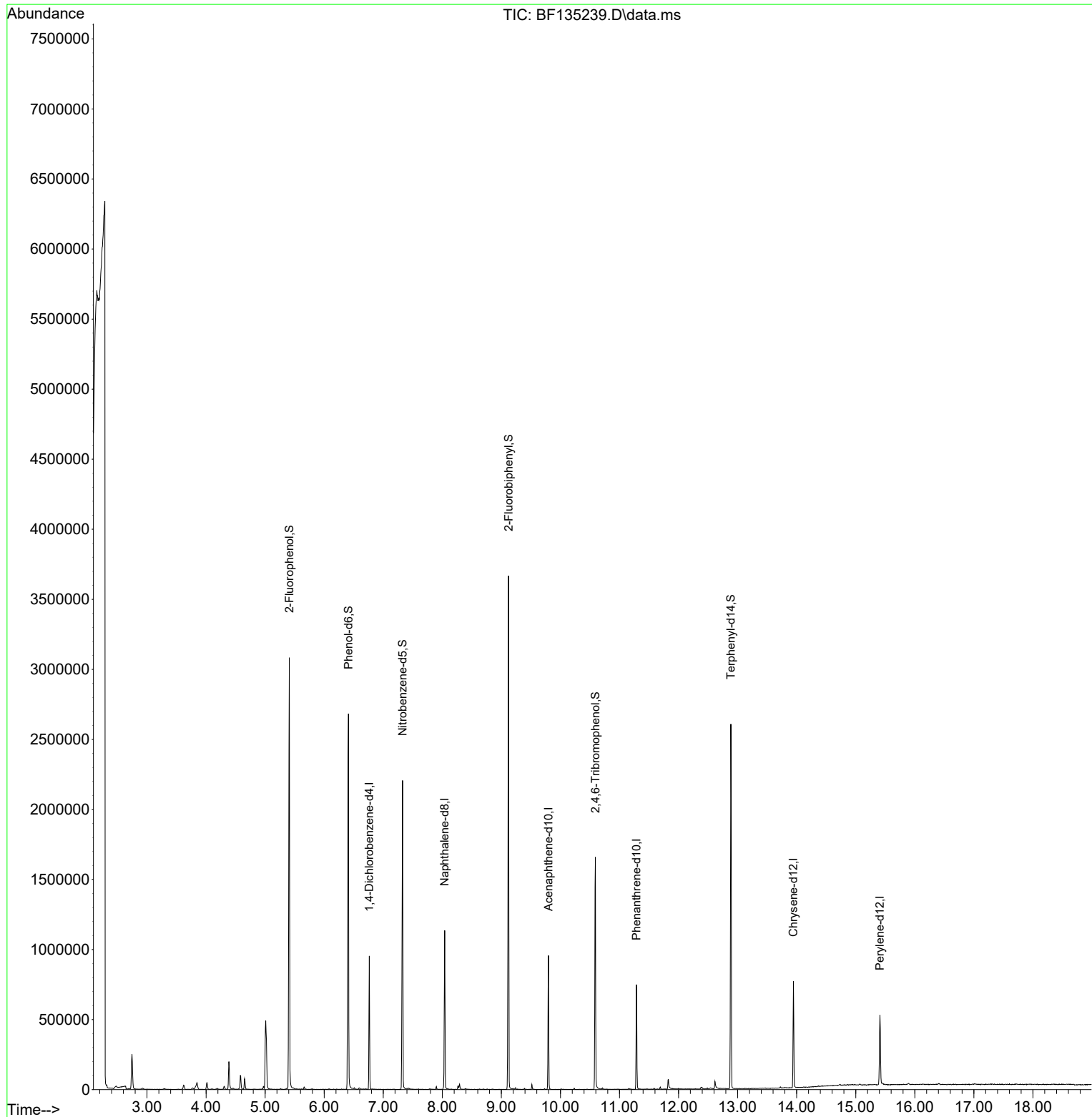
Target Compounds	Qvalue

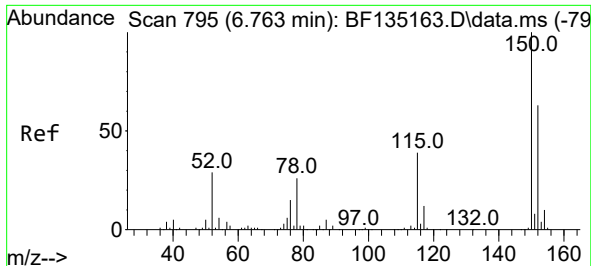
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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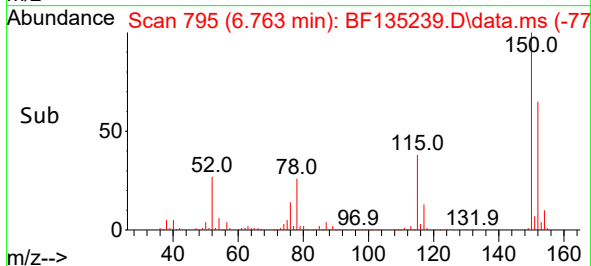
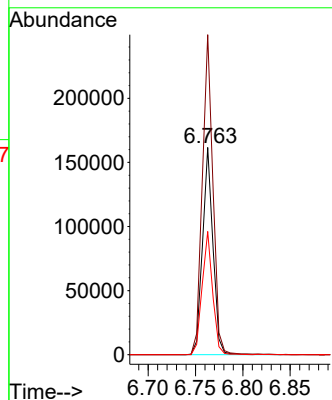
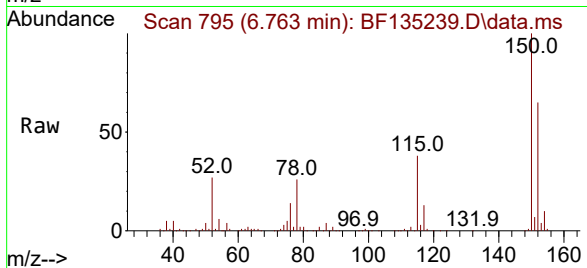




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: BF135239.D
 Acq: 14 Sep 2023 00:07

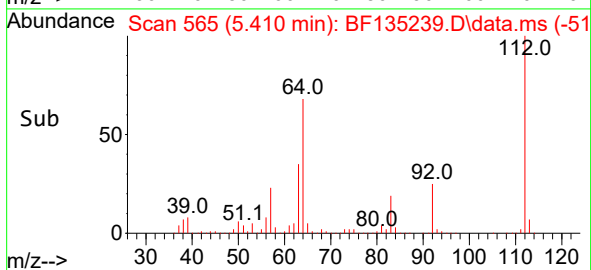
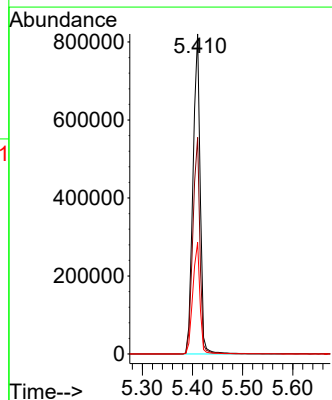
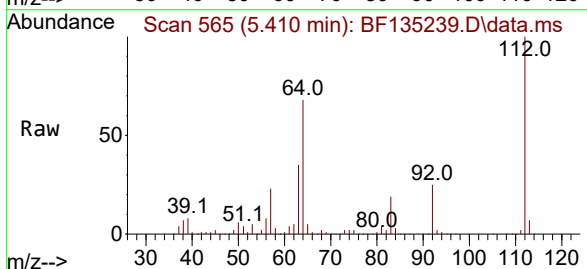
Instrument :
 BNA_F
 ClientSampleId :
 MW-4-6

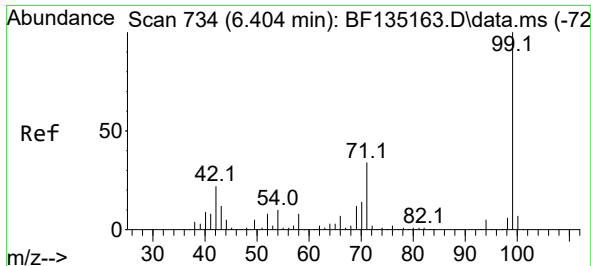
Tgt Ion:152 Resp: 124853
 Ion Ratio Lower Upper
 152 100
 150 154.4 127.8 191.6
 115 59.4 49.8 74.8



#5
 2-Fluorophenol
 Concen: 107.000 ng
 RT: 5.410 min Scan# 565
 Delta R.T. 0.024 min
 Lab File: BF135239.D
 Acq: 14 Sep 2023 00:07

Tgt Ion:112 Resp: 821376
 Ion Ratio Lower Upper
 112 100
 64 67.7 55.9 83.9
 63 34.8 29.0 43.6

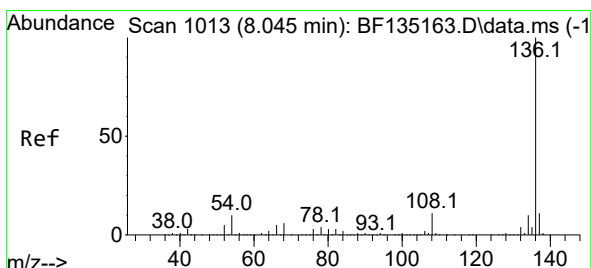
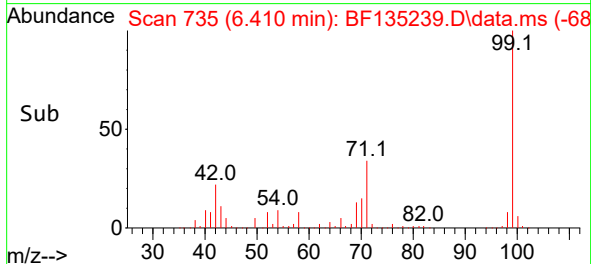
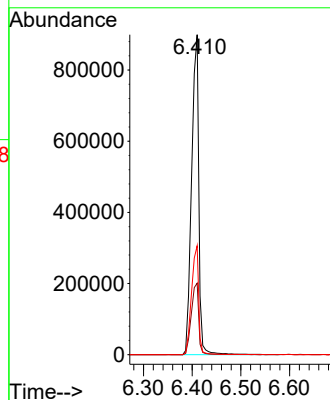
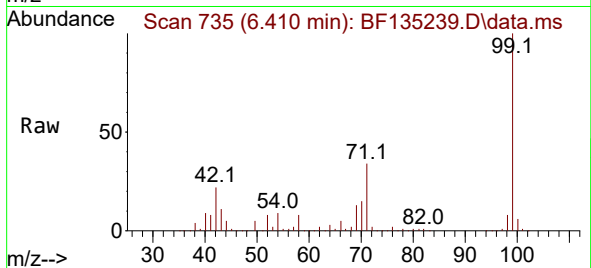




#7
Phenol-d6
Concen: 94.188 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135239.D
Acq: 14 Sep 2023 00:07

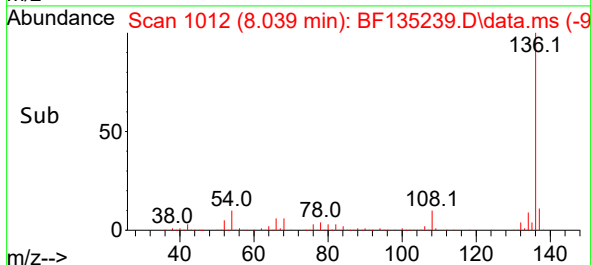
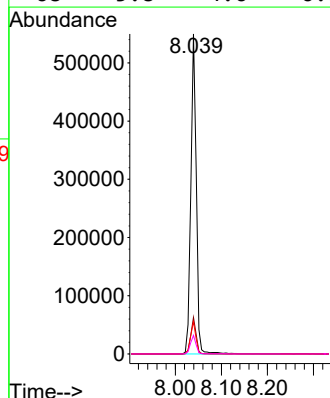
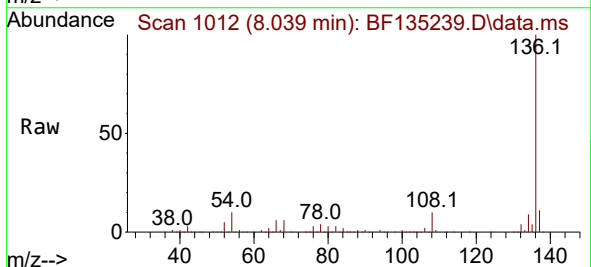
Instrument :
BNA_F
ClientSampleId :
MW-4-6

Tgt Ion: 99 Resp: 919376
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 34.1 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: BF135239.D
Acq: 14 Sep 2023 00:07

Tgt Ion: 136 Resp: 450293
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 10.0 7.7 11.5
68 5.8 4.6 6.8

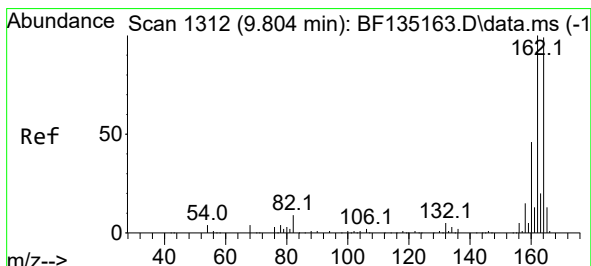
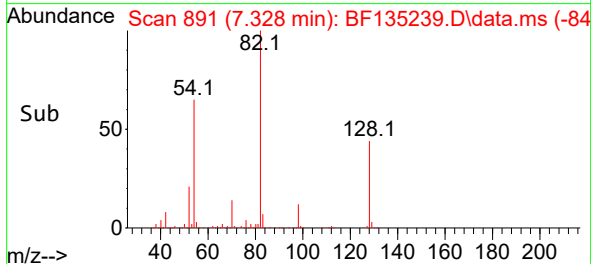
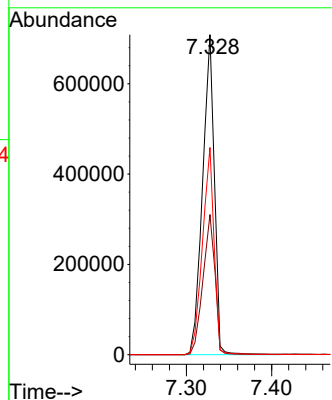
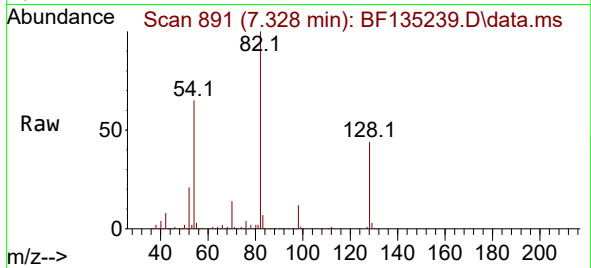




#23
 Nitrobenzene-d5
 Concen: 82.419 ng
 RT: 7.328 min Scan# 891
 Delta R.T. -0.006 min
 Lab File: BF135239.D
 Acq: 14 Sep 2023 00:07

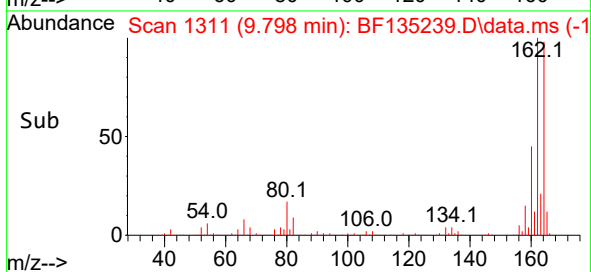
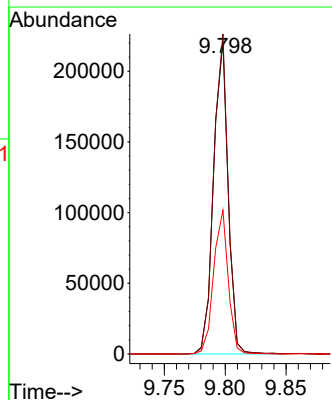
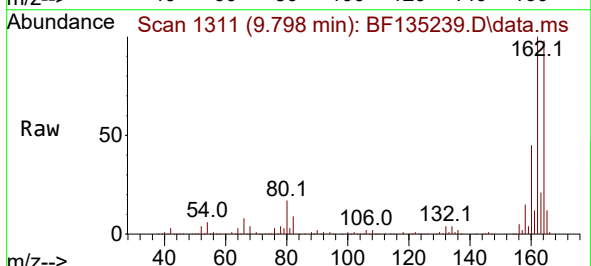
Instrument :
 BNA_F
 ClientSampleId :
 MW-4-6

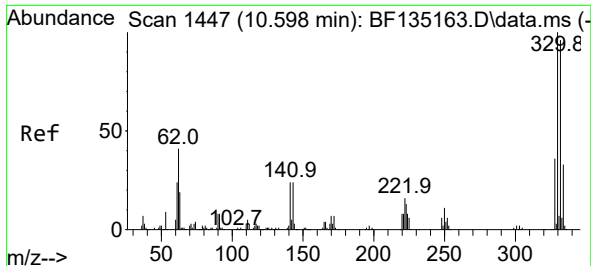
Tgt Ion: 82 Resp: 683104
 Ion Ratio Lower Upper
 82 100
 128 43.8 35.8 53.6
 54 64.8 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.798 min Scan# 1311
 Delta R.T. -0.006 min
 Lab File: BF135239.D
 Acq: 14 Sep 2023 00:07

Tgt Ion: 164 Resp: 183519
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.0 121.4
 160 46.0 37.0 55.4

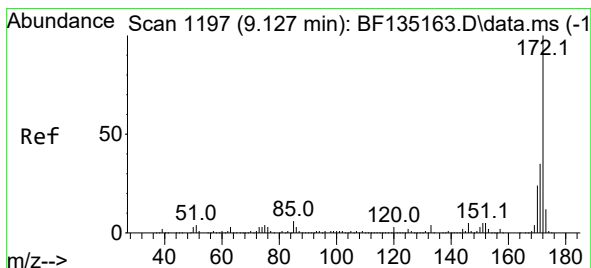
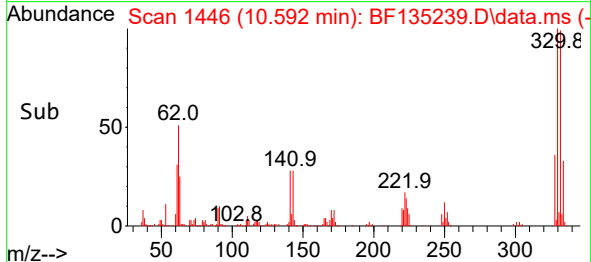
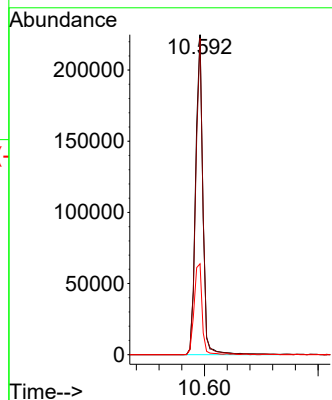
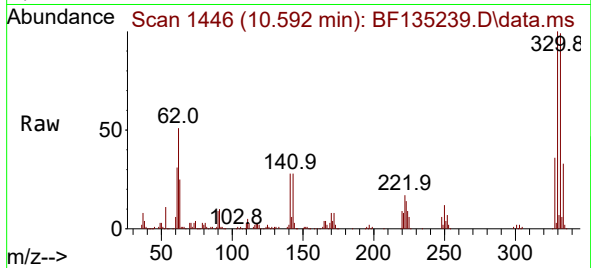




#42
2,4,6-Tribromophenol
Concen: 109.662 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135239.D
Acq: 14 Sep 2023 00:07

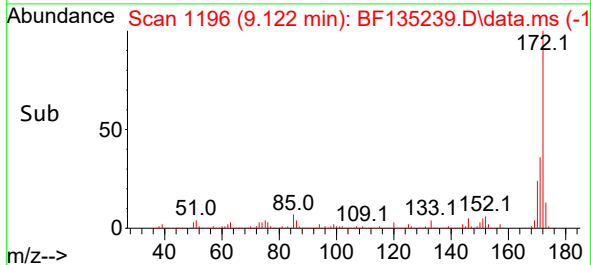
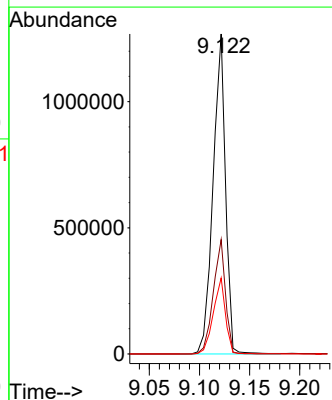
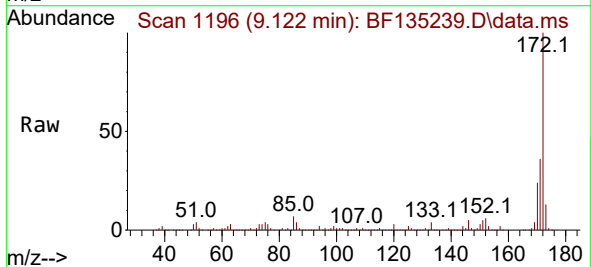
Instrument :
BNA_F
ClientSampleId :
MW-4-6

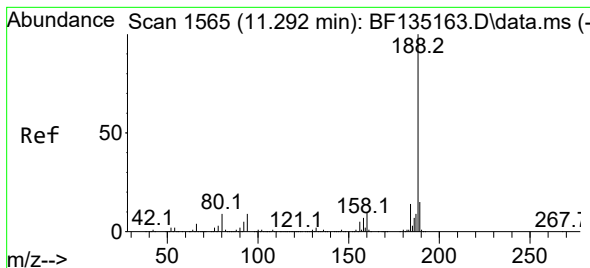
Tgt Ion:330 Resp: 199995
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 31.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 89.937 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135239.D
Acq: 14 Sep 2023 00:07

Tgt Ion:172 Resp: 1093978
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135239.D

Acq: 14 Sep 2023 00:07

Instrument :

BNA_F

ClientSampleId :

MW-4-6

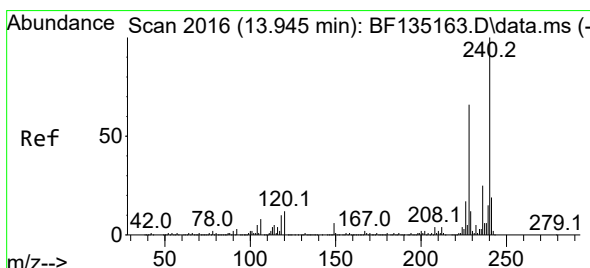
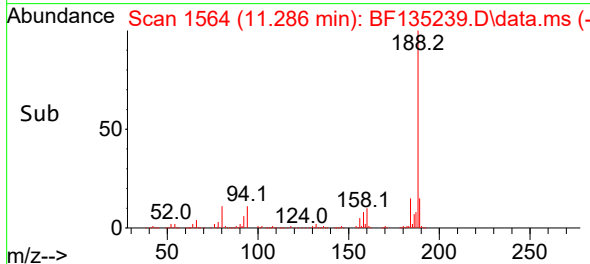
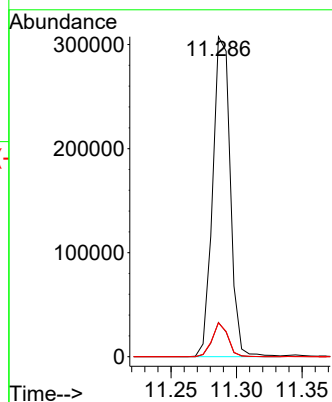
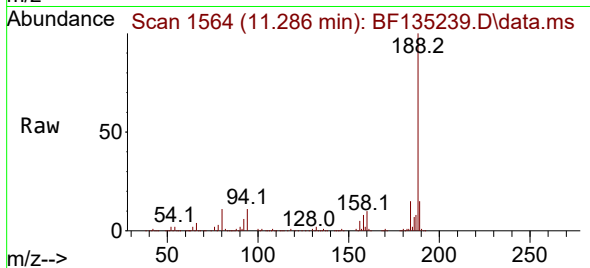
Tgt Ion:188 Resp: 287030

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 10.6 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: BF135239.D

Acq: 14 Sep 2023 00:07

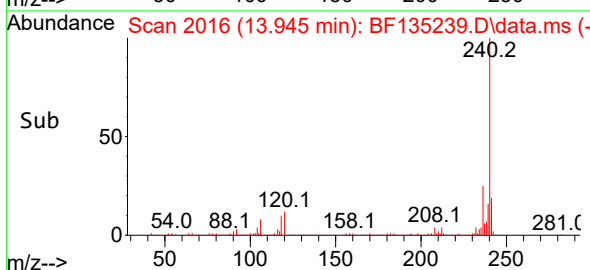
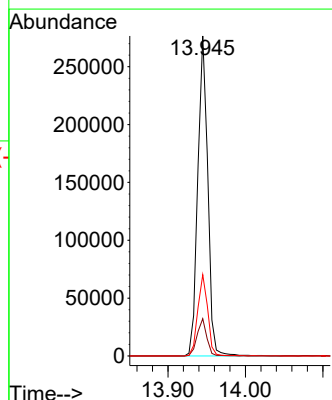
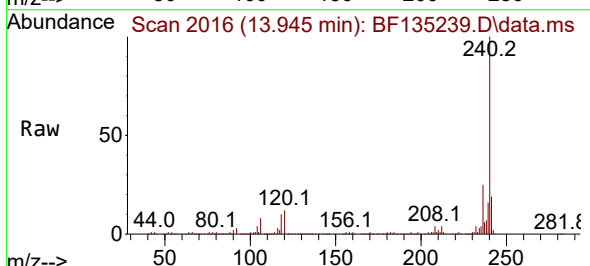
Tgt Ion:240 Resp: 247666

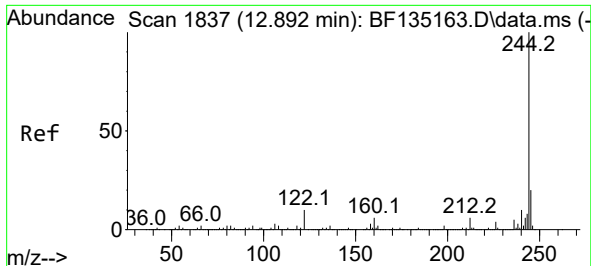
Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 25.4 19.8 29.8

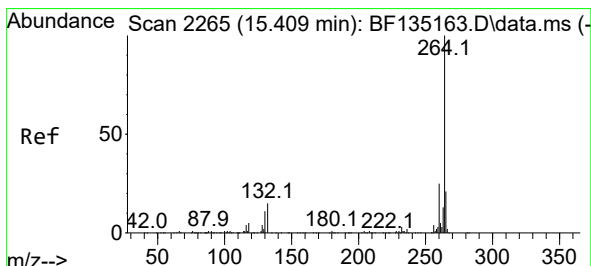
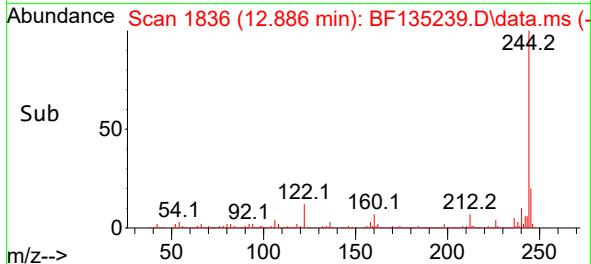
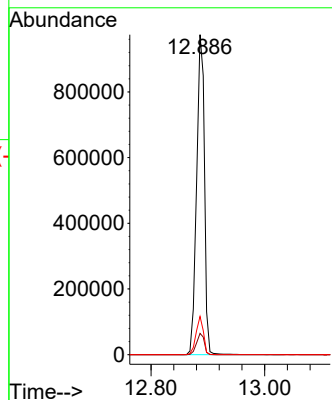
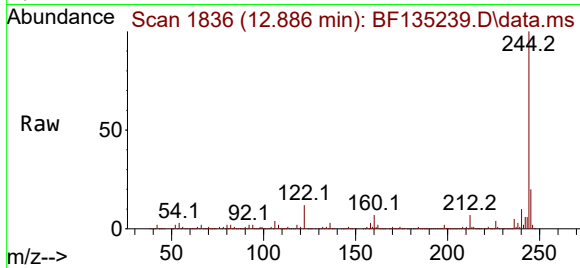




#79
 Terphenyl-d14
 Concen: 58.903 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135239.D
 Acq: 14 Sep 2023 00:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-6

Tgt Ion:244 Resp: 941060
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.0 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135239.D
 Acq: 14 Sep 2023 00:07

Tgt Ion:264 Resp: 234977
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.6
 265 21.9 17.0 25.4

