

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135846.D
 Acq On : 18 Oct 2023 14:33
 Operator : CG\JU
 Sample : 04724-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Oct 18 14:55:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	87324	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	339237	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	179649	20.000	ng	-0.01
64) Phenanthrene-d10	11.275	188	352934	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	190463	20.000	ng	-0.01
86) Perylene-d12	15.421	264	180561	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	362870	66.809	ng	0.00
7) Phenol-d6	6.393	99	290190	42.820	ng	0.00
23) Nitrobenzene-d5	7.310	82	647424	104.964	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	285074	165.368	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1135905	98.859	ng	0.00
79) Terphenyl-d14	12.875	244	1262836	122.788	ng	0.00

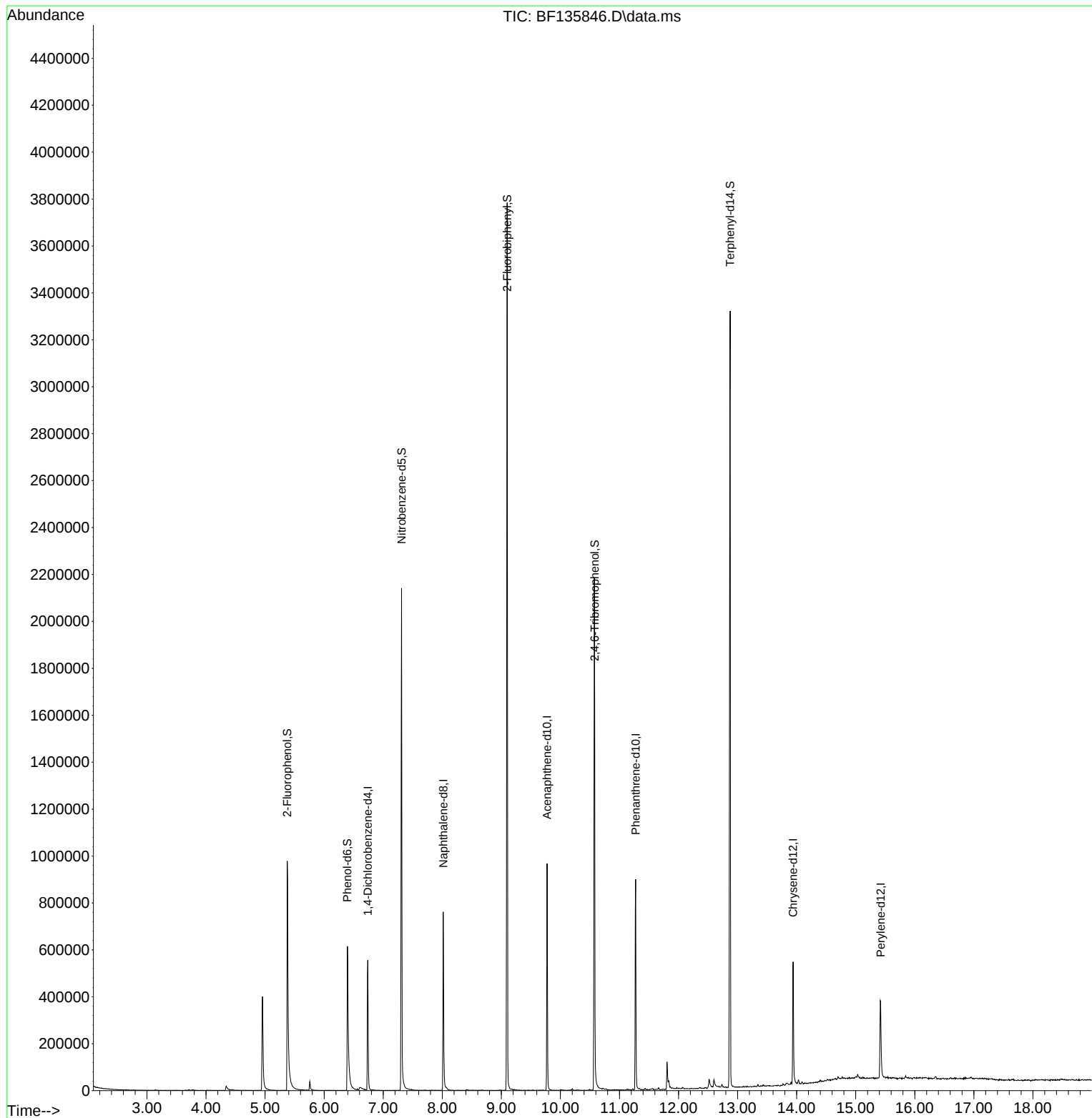
Target Compounds	Qvalue

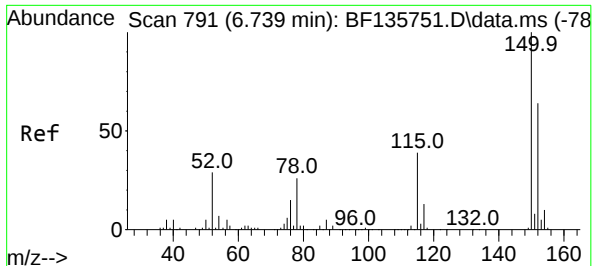
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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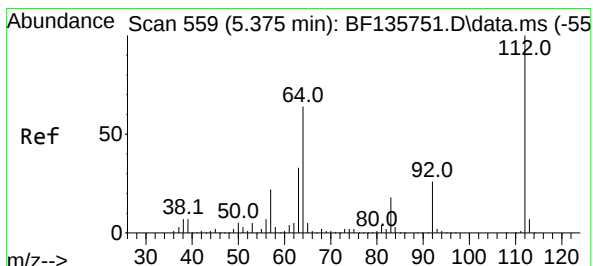
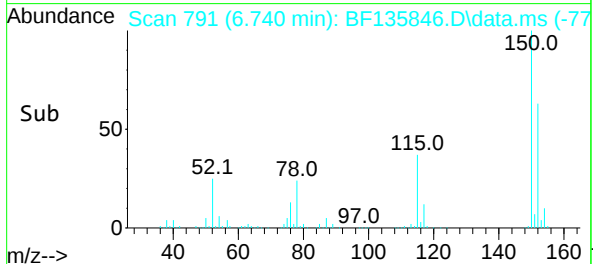
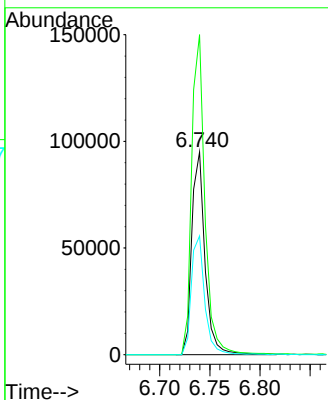
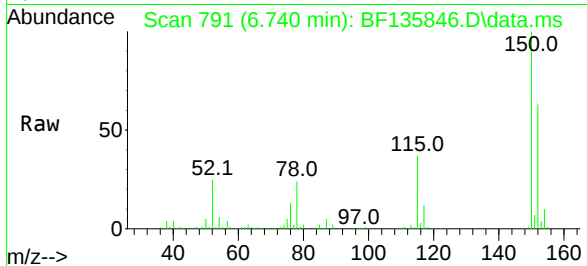




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135846.D
Acq: 18 Oct 2023 14:33

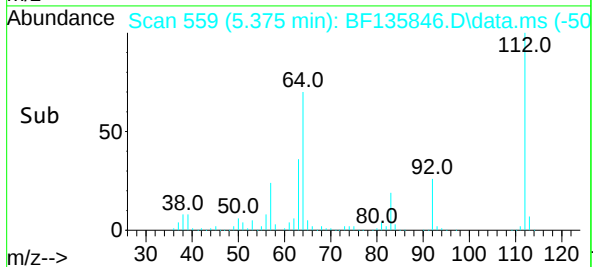
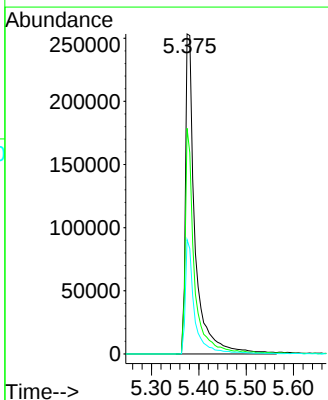
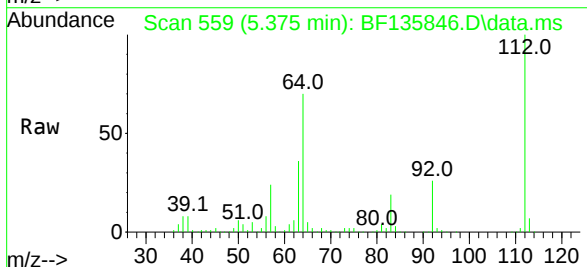
Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 87324
Ion Ratio Lower Upper
152 100
150 157.8 124.5 186.7
115 58.5 49.0 73.4



#5
2-Fluorophenol
Concen: 66.809 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.000 min
Lab File: BF135846.D
Acq: 18 Oct 2023 14:33

Tgt Ion:112 Resp: 362870
Ion Ratio Lower Upper
112 100
64 70.5 51.2 76.8
63 35.7 26.1 39.1

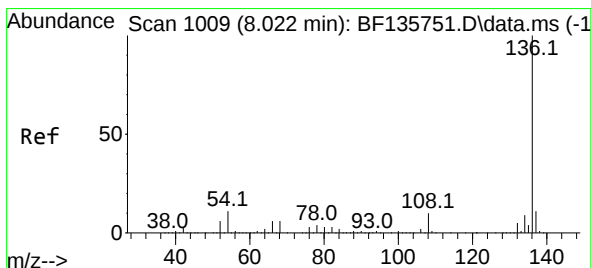
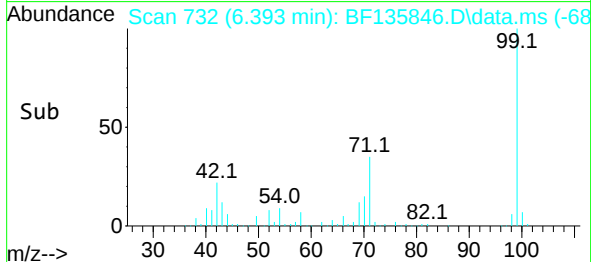
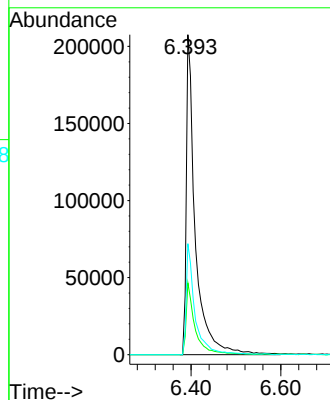
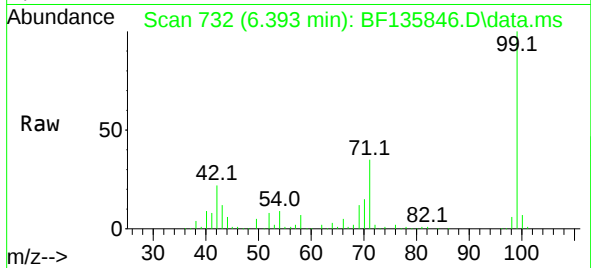




#7
Phenol-d6
Concen: 42.820 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135846.D
Acq: 18 Oct 2023 14:33

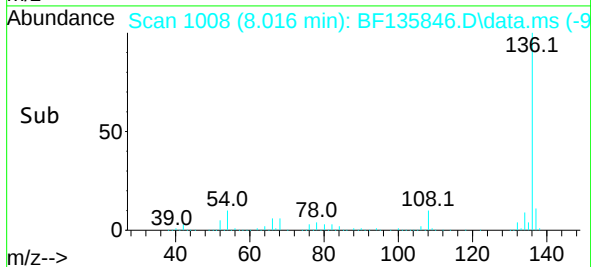
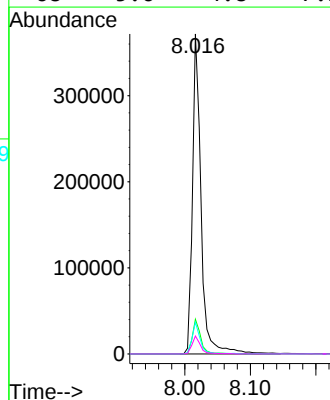
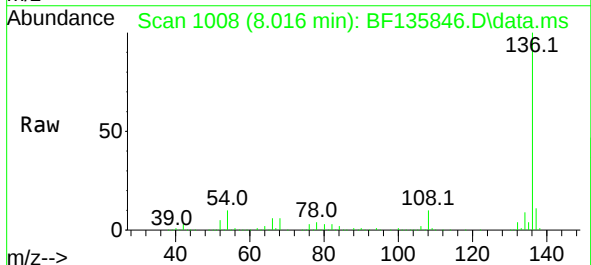
Instrument :
BNA_F
ClientSampleId :
MW-2

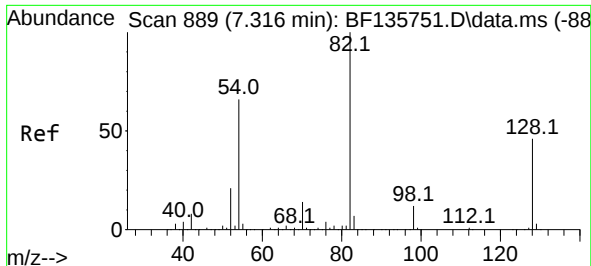
Tgt Ion: 99 Resp: 290190
Ion Ratio Lower Upper
99 100
42 22.5 18.4 27.6
71 34.7 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135846.D
Acq: 18 Oct 2023 14:33

Tgt Ion:136 Resp: 339237
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.9 8.5 12.7
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 104.964 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135846.D

Acq: 18 Oct 2023 14:33

Instrument :

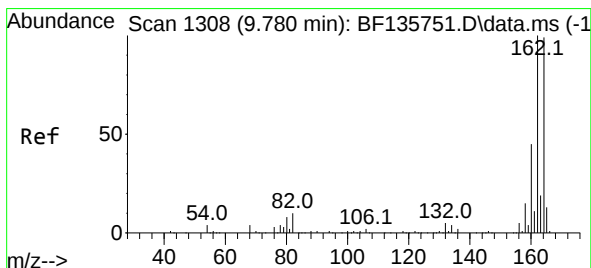
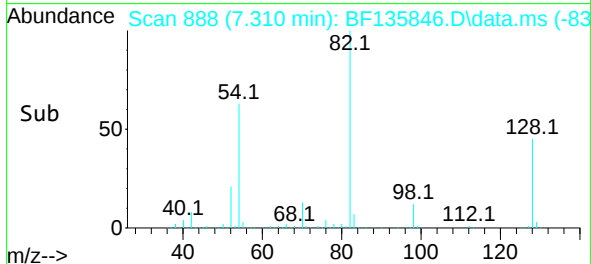
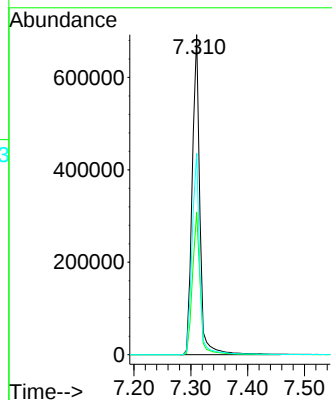
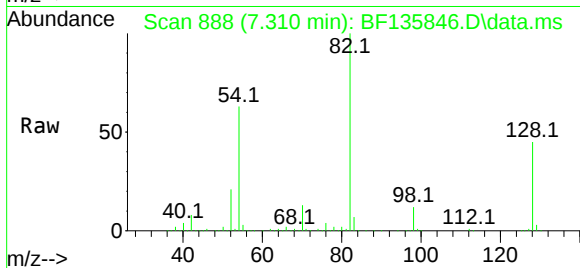
BNA_F

ClientSampleId :

MW-2

Tgt Ion: 82 Resp: 647424

Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.0	55.6
54	63.0	52.8	79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

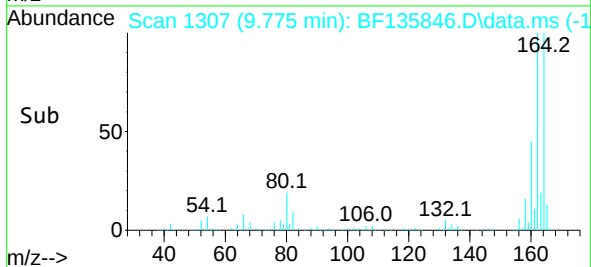
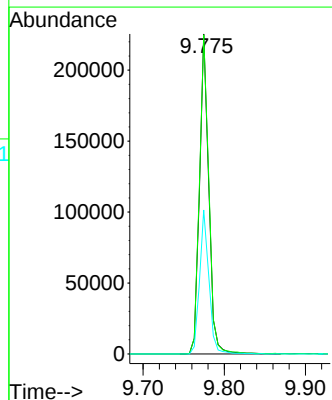
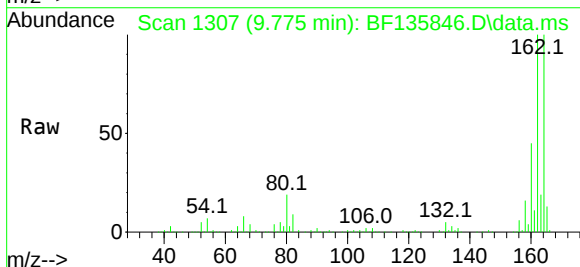
Delta R.T. -0.012 min

Lab File: BF135846.D

Acq: 18 Oct 2023 14:33

Tgt Ion:164 Resp: 179649

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.8	121.2
160	45.0	36.6	54.8

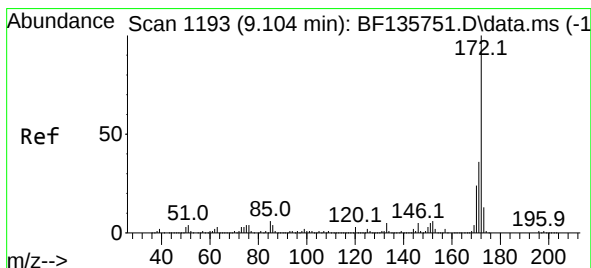
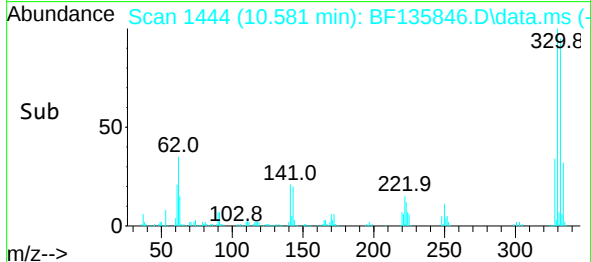
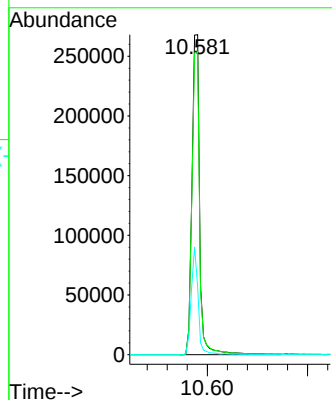
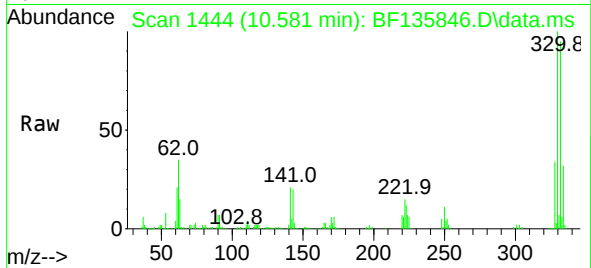




#42
 2,4,6-Tribromophenol
 Concen: 165.368 ng
 RT: 10.581 min Scan# 1444
 Delta R.T. -0.006 min
 Lab File: BF135846.D
 Acq: 18 Oct 2023 14:33

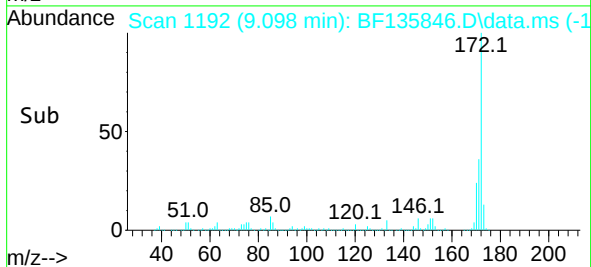
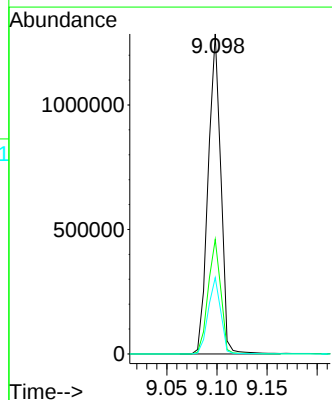
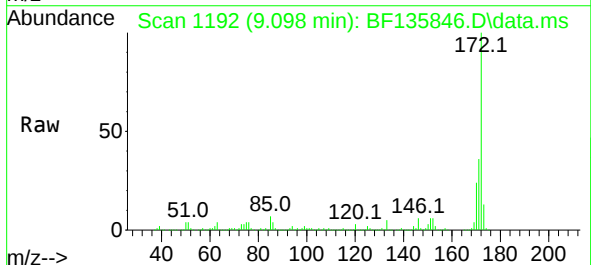
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

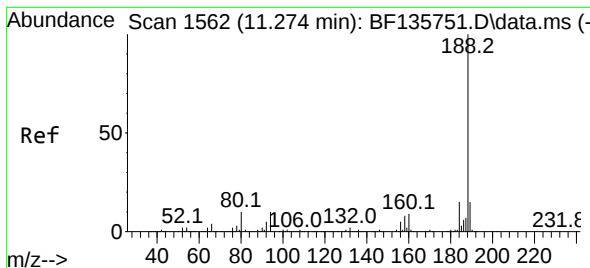
Tgt Ion: 330 Resp: 285074
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.0 112.4
 141 30.6 25.8 38.6



#45
 2-Fluorobiphenyl
 Concen: 98.859 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. -0.006 min
 Lab File: BF135846.D
 Acq: 18 Oct 2023 14:33

Tgt Ion: 172 Resp: 1135905
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.4 42.6
 170 23.8 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135846.D

Acq: 18 Oct 2023 14:33

Instrument :

BNA_F

ClientSampleId :

MW-2

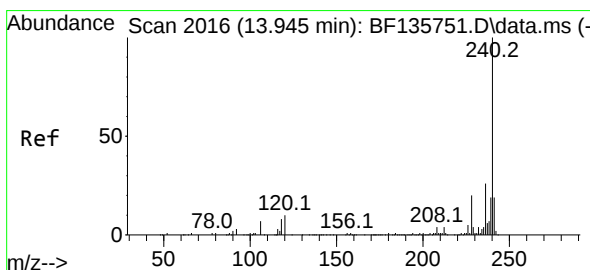
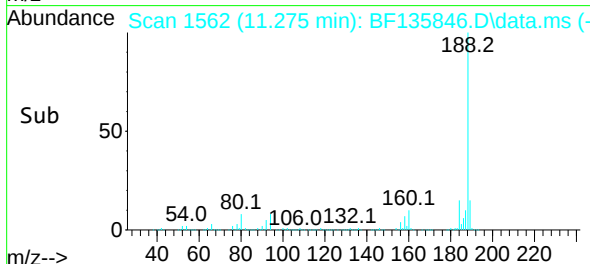
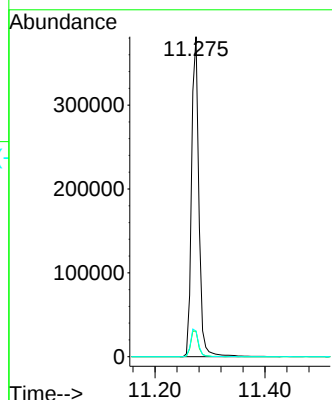
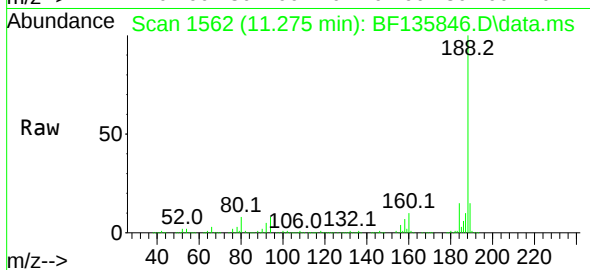
Tgt Ion:188 Resp: 352934

Ion Ratio Lower Upper

188 100

94 8.0 8.0 12.0#

80 8.0 8.3 12.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF135846.D

Acq: 18 Oct 2023 14:33

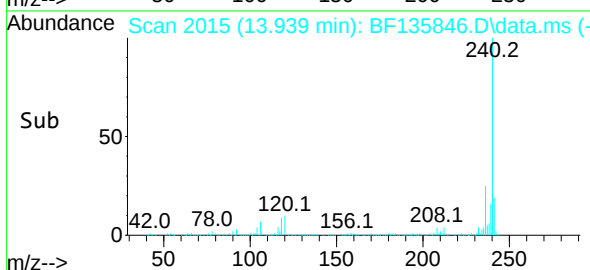
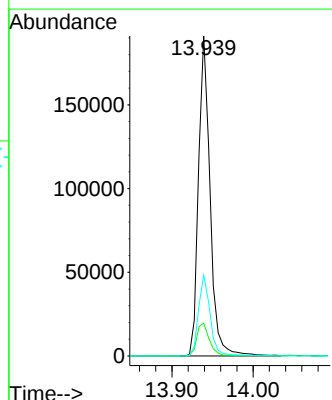
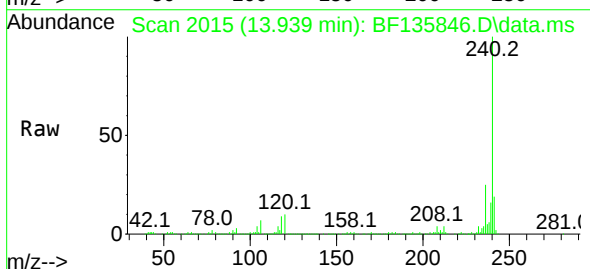
Tgt Ion:240 Resp: 190463

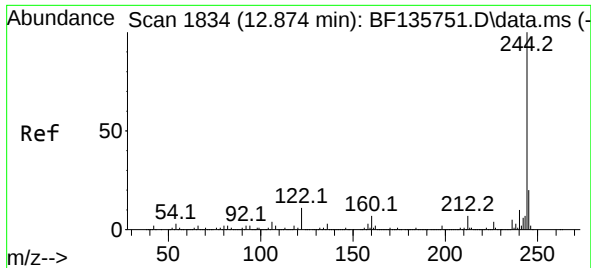
Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 25.2 21.2 31.8

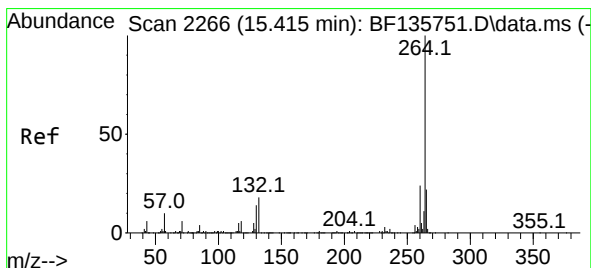
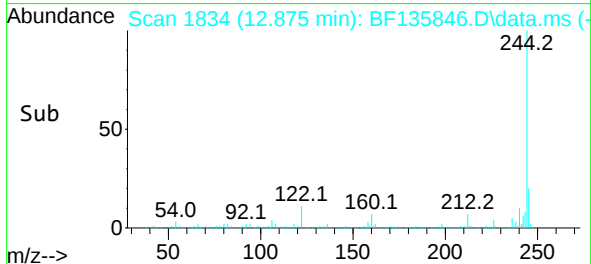
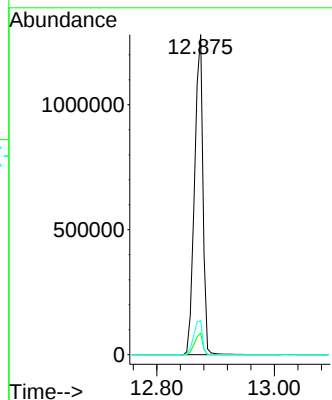
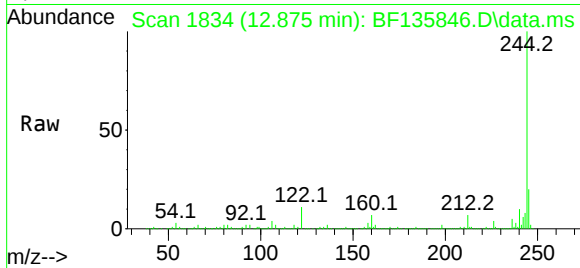




#79
 Terphenyl-d14
 Concen: 122.788 ng
 RT: 12.875 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135846.D
 Acq: 18 Oct 2023 14:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 1262836
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.6 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.000 min
 Lab File: BF135846.D
 Acq: 18 Oct 2023 14:33

Tgt Ion:264 Resp: 180561
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.4 17.4 26.2

