

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135810.D
 Acq On : 17 Oct 2023 14:06
 Operator : CG\JU
 Sample : 04724-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Oct 18 01:37:24 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	6.734	152	77868	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	296225	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	139524	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	231668	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	174412	20.000	ng	-0.02
86) Perylene-d12	15.410	264	162145	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	332068	68.563	ng	0.00
7) Phenol-d6	6.393	99	252251	41.742	ng	0.00
23) Nitrobenzene-d5	7.304	82	556427	103.310	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	193798	144.750	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	982560	110.106	ng	0.00
79) Terphenyl-d14	12.869	244	933520	99.121	ng	-0.01

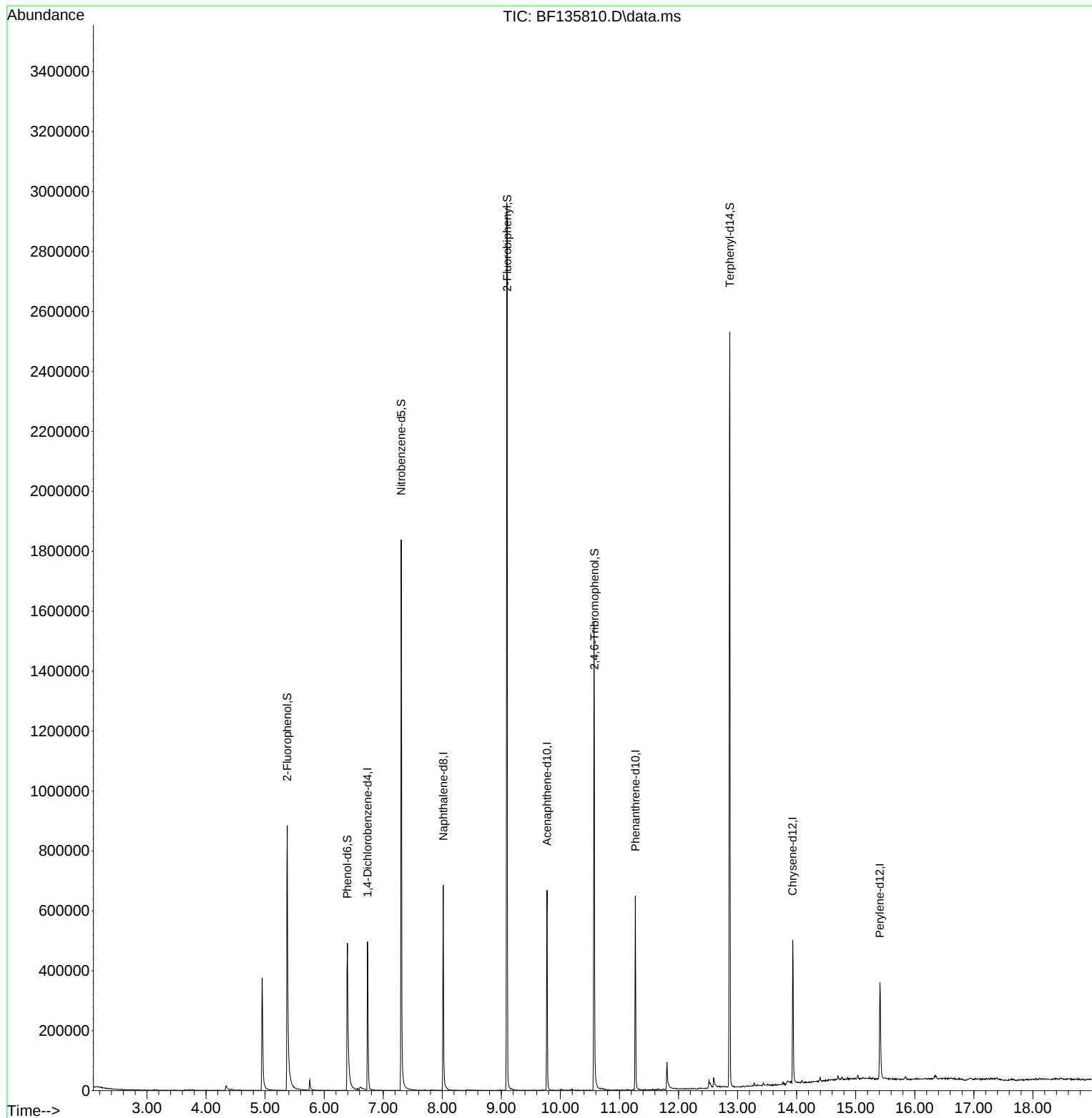
Target Compounds	Qvalue

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

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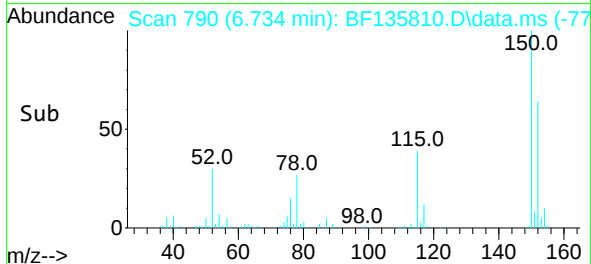
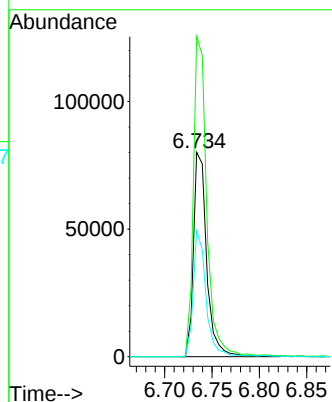
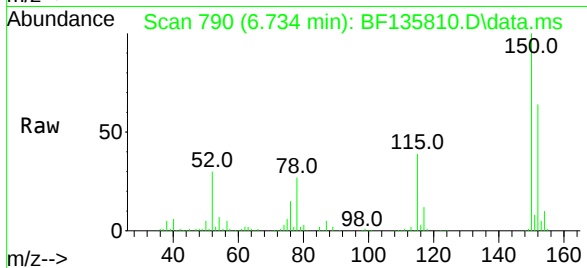




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: BF135810.D
 Acq: 17 Oct 2023 14:06

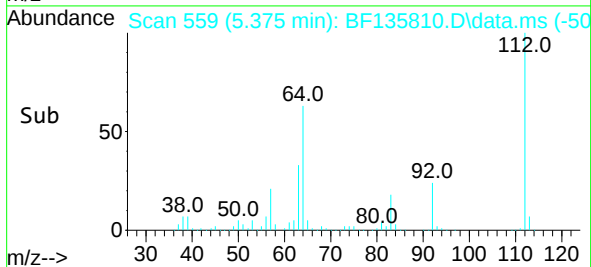
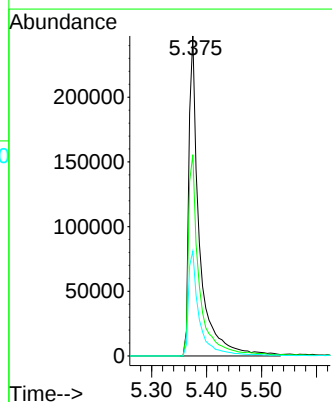
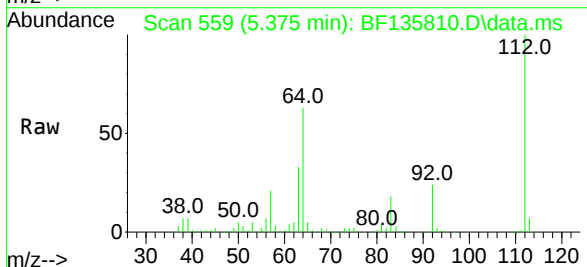
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:152 Resp: 77868
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.5 186.7
 115 61.8 49.0 73.4



#5
 2-Fluorophenol
 Concen: 68.563 ng
 RT: 5.375 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: BF135810.D
 Acq: 17 Oct 2023 14:06

Tgt Ion:112 Resp: 332068
 Ion Ratio Lower Upper
 112 100
 64 62.9 51.2 76.8
 63 32.7 26.1 39.1

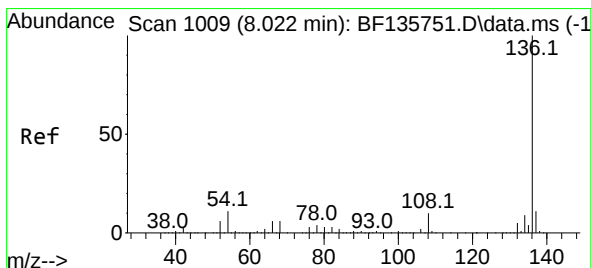
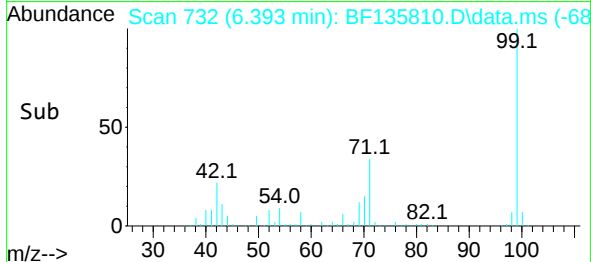
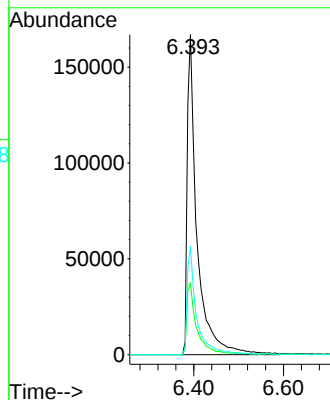
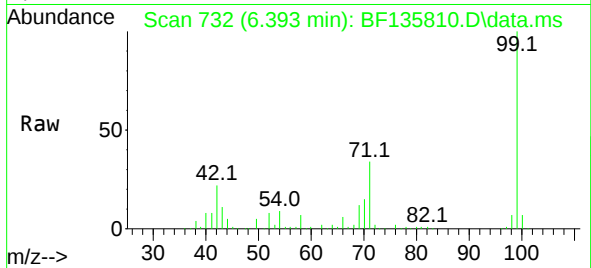




#7
Phenol-d6
Concen: 41.742 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135810.D
Acq: 17 Oct 2023 14:06

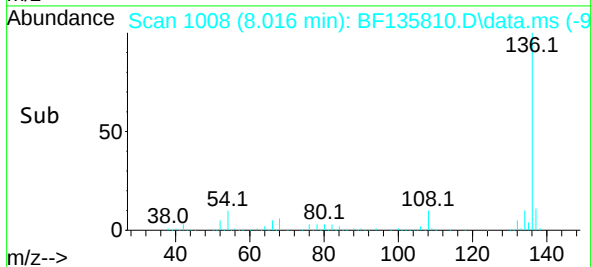
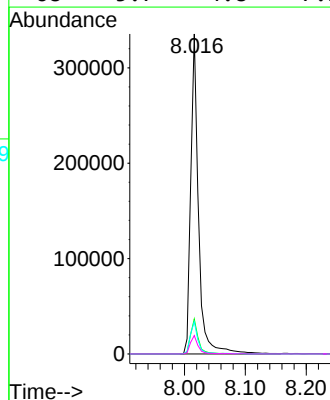
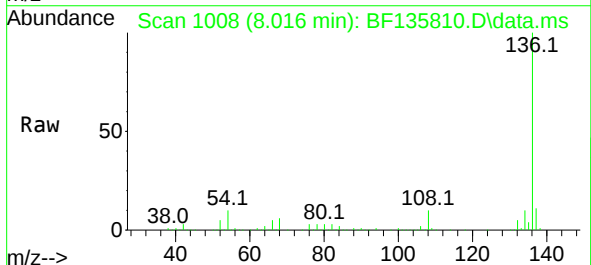
Instrument :
BNA_F
ClientSampleId :
MW-2

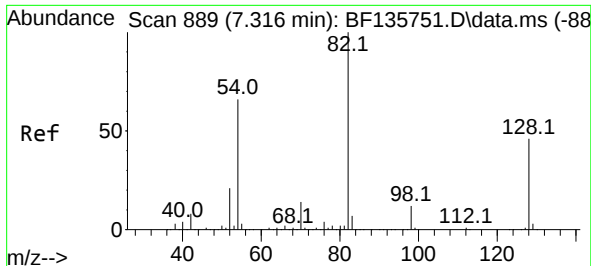
Tgt Ion: 99 Resp: 252251
Ion Ratio Lower Upper
99 100
42 22.3 18.4 27.6
71 33.9 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135810.D
Acq: 17 Oct 2023 14:06

Tgt Ion: 136 Resp: 296225
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.1 8.5 12.7
68 5.7 4.8 7.2





#23

Nitrobenzene-d5

Concen: 103.310 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135810.D

Acq: 17 Oct 2023 14:06

Instrument :

BNA_F

ClientSampleId :

MW-2

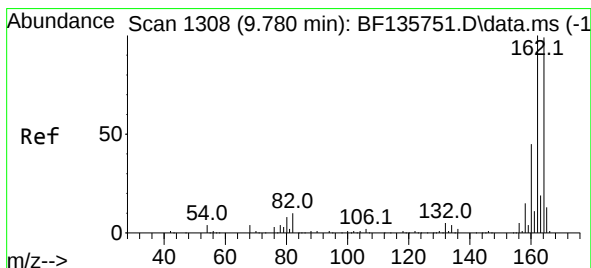
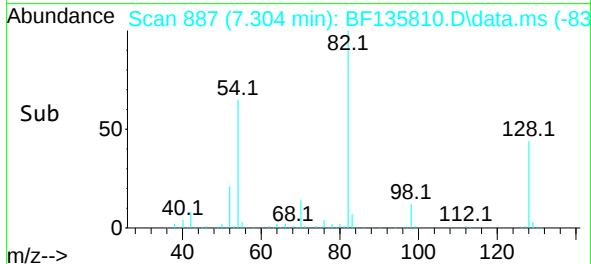
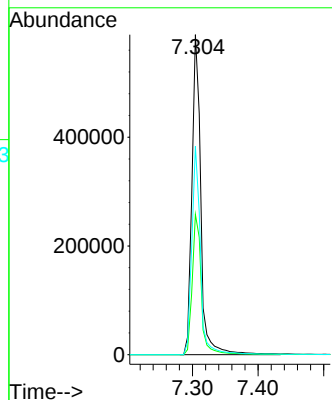
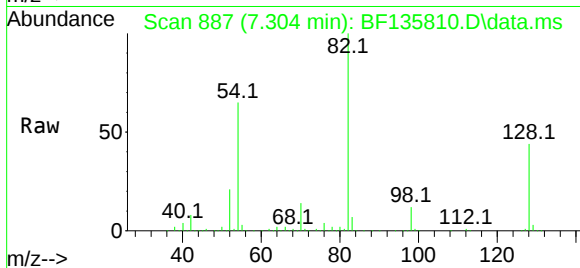
Tgt Ion: 82 Resp: 556427

Ion Ratio Lower Upper

82 100

128 43.9 37.0 55.6

54 65.1 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: BF135810.D

Acq: 17 Oct 2023 14:06

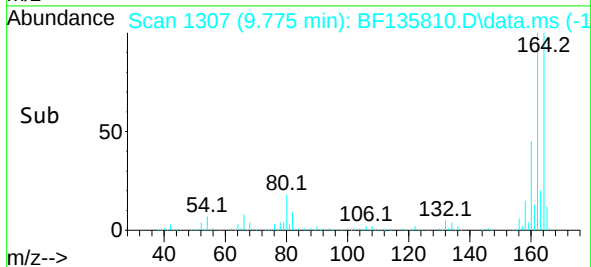
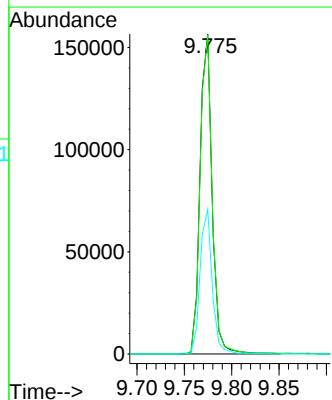
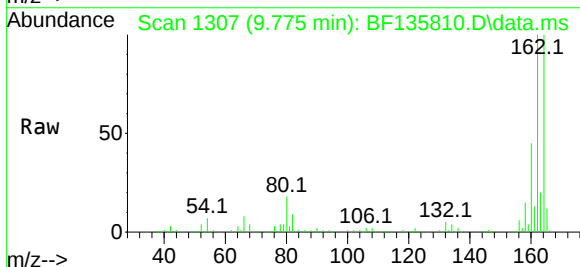
Tgt Ion:164 Resp: 139524

Ion Ratio Lower Upper

164 100

162 99.8 80.8 121.2

160 45.2 36.6 54.8

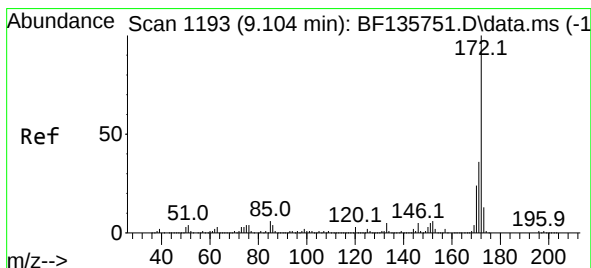
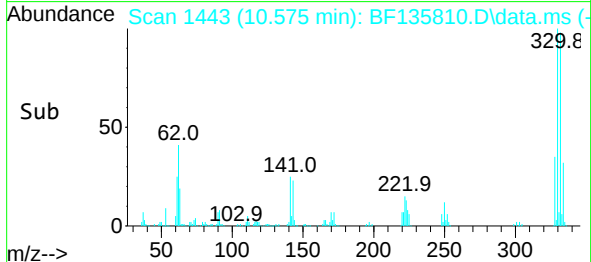
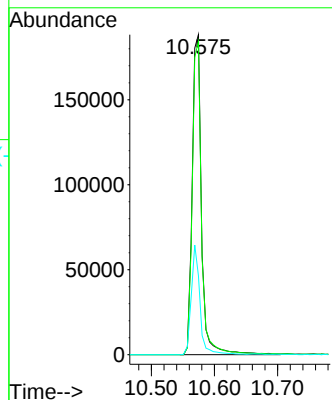
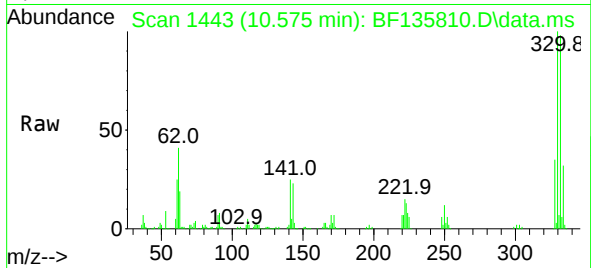




#42
2,4,6-Tribromophenol
Concen: 144.750 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135810.D
Acq: 17 Oct 2023 14:06

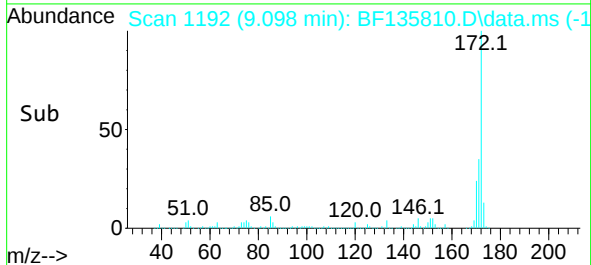
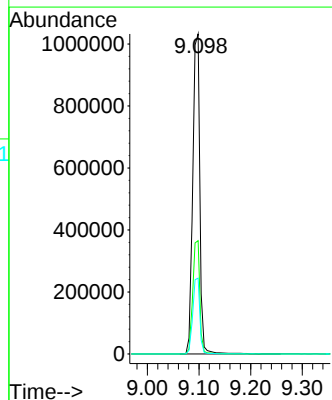
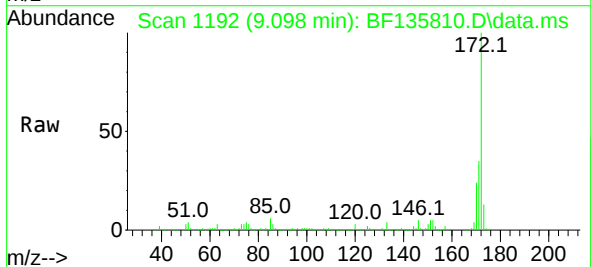
Instrument :
BNA_F
ClientSampleId :
MW-2

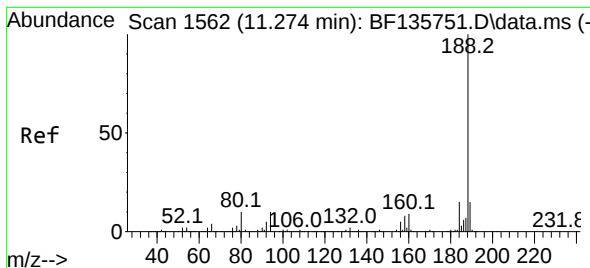
Tgt Ion:330 Resp: 193798
Ion Ratio Lower Upper
330 100
332 97.1 75.0 112.4
141 32.0 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 110.106 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135810.D
Acq: 17 Oct 2023 14:06

Tgt Ion:172 Resp: 982560
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135810.D

Acq: 17 Oct 2023 14:06

Instrument :

BNA_F

ClientSampleId :

MW-2

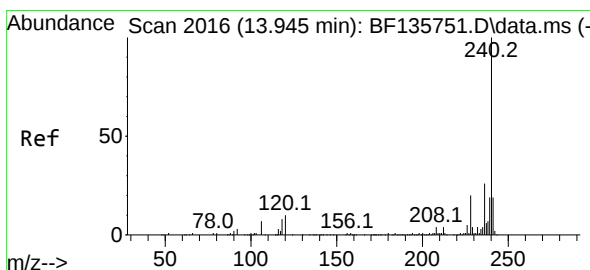
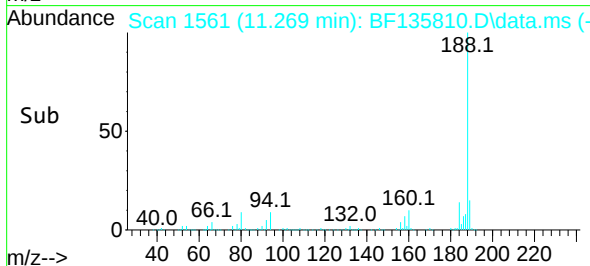
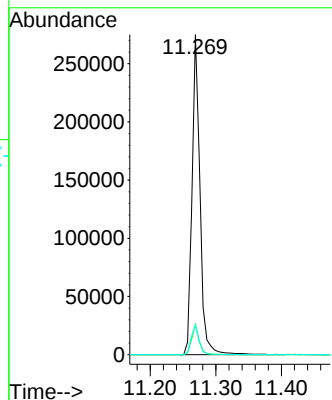
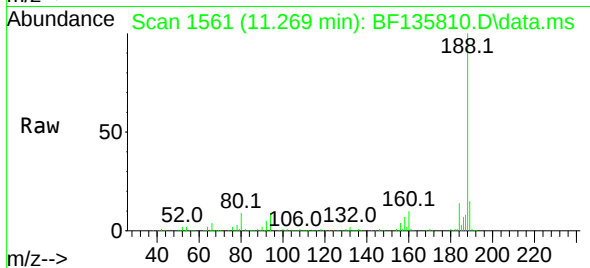
Tgt Ion:188 Resp: 231668

Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

80 9.2 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.018 min

Lab File: BF135810.D

Acq: 17 Oct 2023 14:06

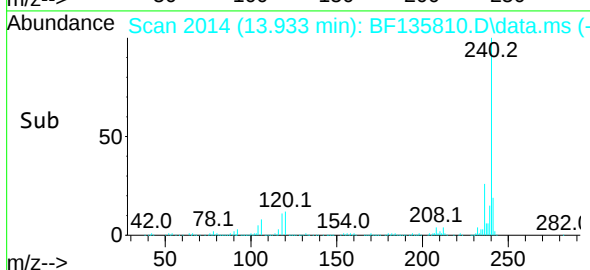
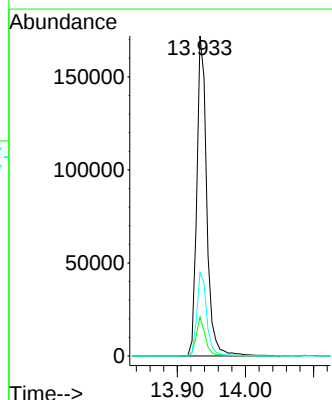
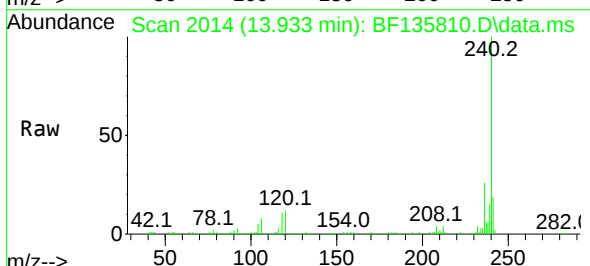
Tgt Ion:240 Resp: 174412

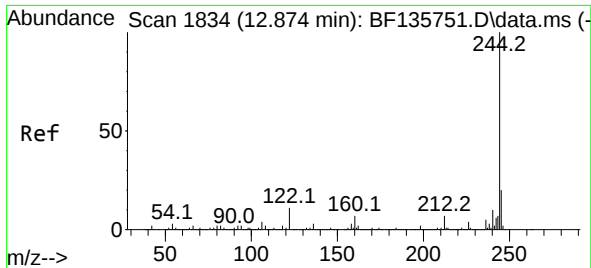
Ion Ratio Lower Upper

240 100

120 12.1 8.2 12.2

236 26.0 21.2 31.8

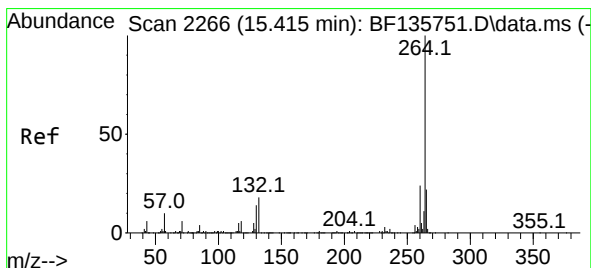
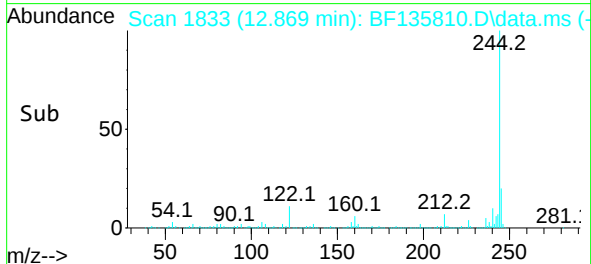
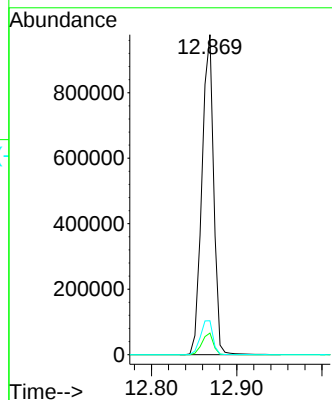
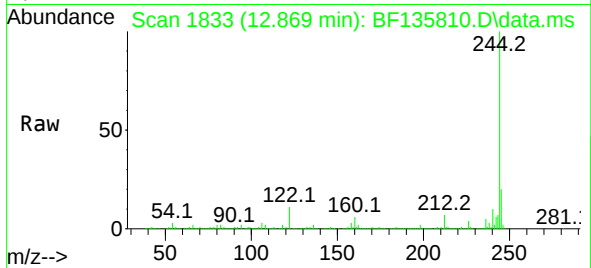




#79
 Terphenyl-d14
 Concen: 99.121 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135810.D
 Acq: 17 Oct 2023 14:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 933520
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.6 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF135810.D
 Acq: 17 Oct 2023 14:06

Tgt Ion:264 Resp: 162145
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 19.9 17.4 26.2

