

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135712.D
 Acq On : 11 Oct 2023 14:39
 Operator : CG\JU
 Sample : 04656-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

Quant Time: Oct 12 00:47:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	90875	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	373465	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	172702	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	331663	20.000	ng	0.00
76) Chrysene-d12	13.933	240	174846	20.000	ng	0.00
86) Perylene-d12	15.409	264	206303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	356616	63.826	ng	0.00
7) Phenol-d6	6.387	99	302615	42.594	ng	0.00
23) Nitrobenzene-d5	7.310	82	625292	90.964	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	228306	133.027	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1066681	93.185	ng	0.00
79) Terphenyl-d14	12.868	244	959904	85.105	ng	0.00

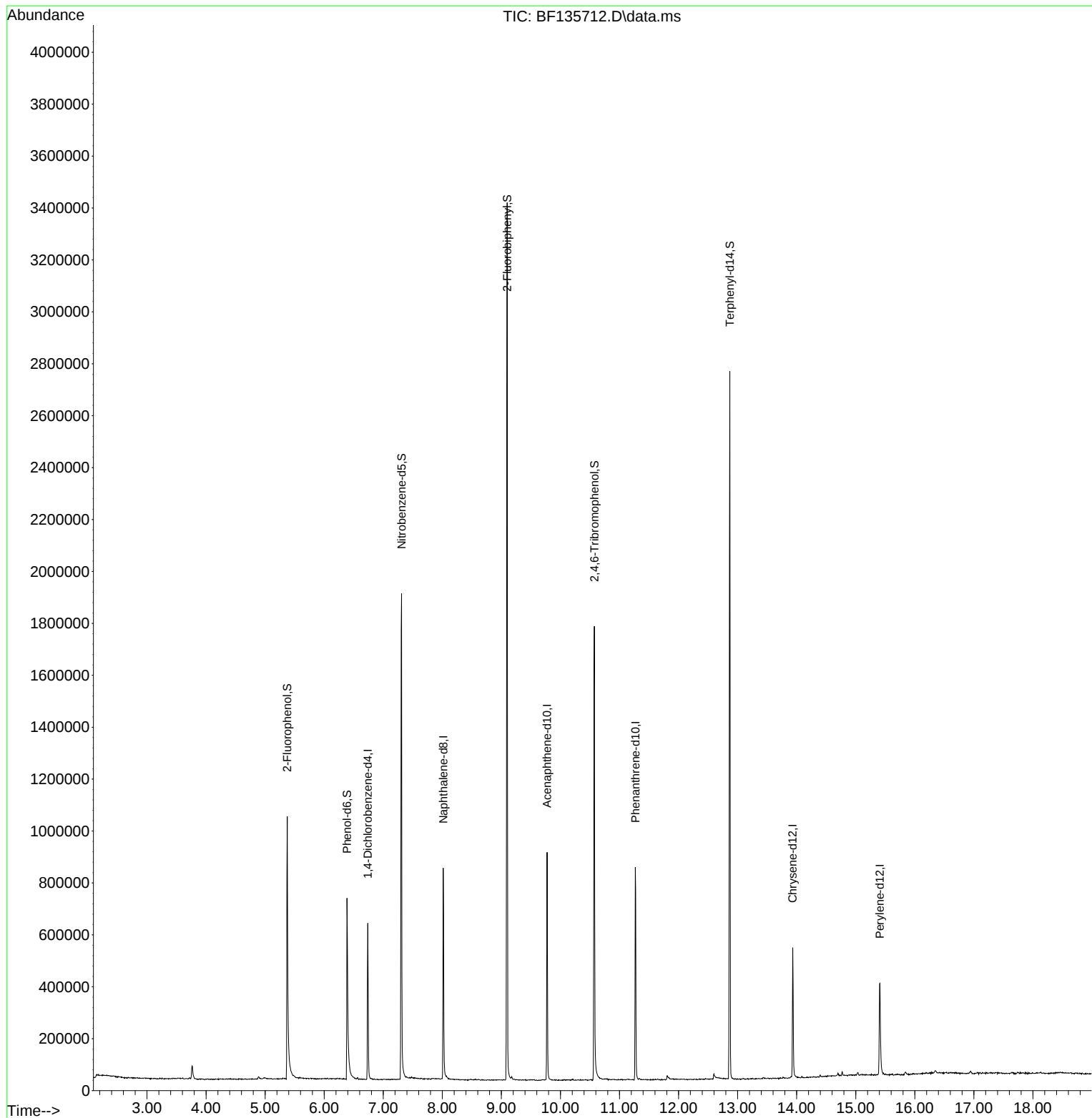
Target Compounds	Qvalue

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

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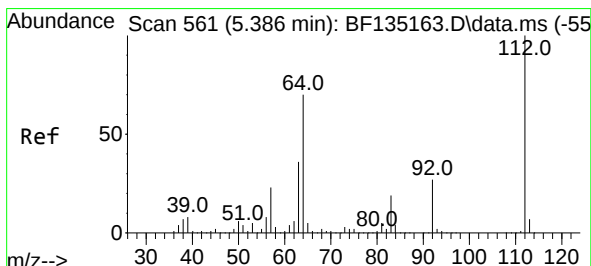
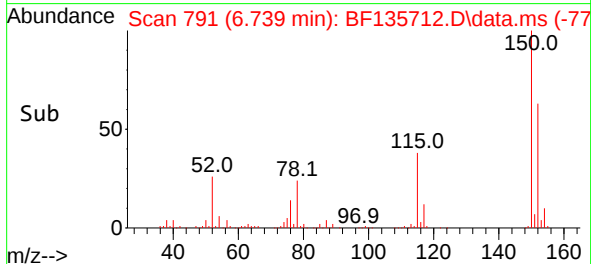
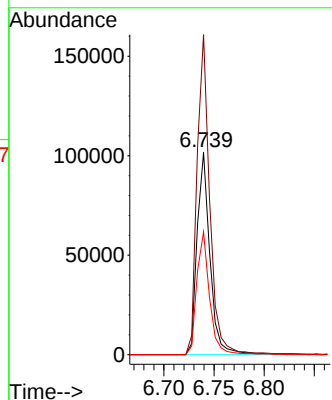
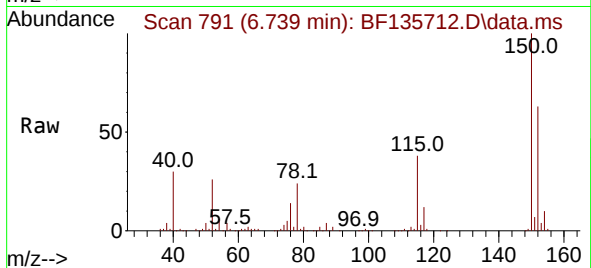




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

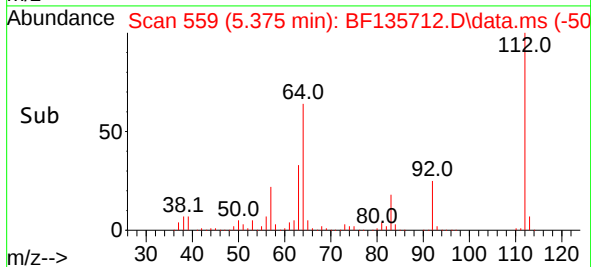
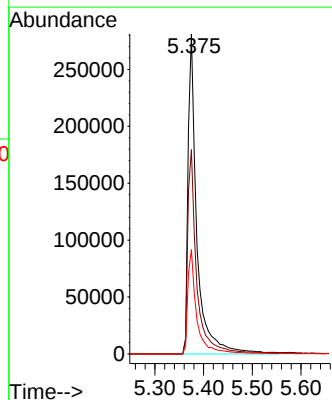
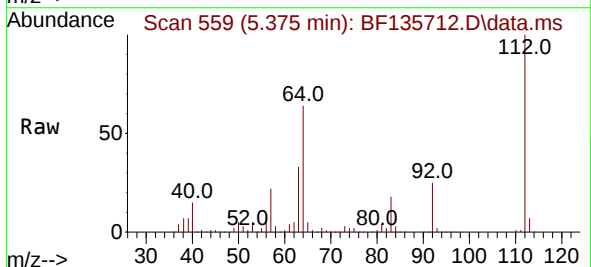
Instrument :
BNA_F
ClientSampleId :
MW-104D

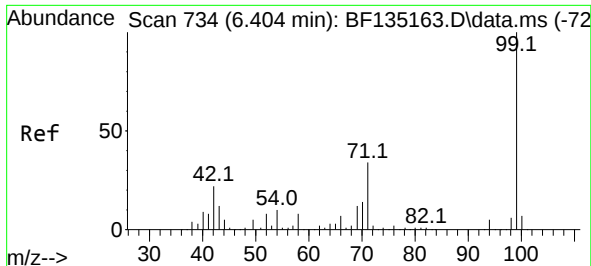
Tgt Ion:152 Resp: 90875
Ion Ratio Lower Upper
152 100
150 158.2 127.8 191.6
115 60.7 49.8 74.8



#5
2-Fluorophenol
Concen: 63.826 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

Tgt Ion:112 Resp: 356616
Ion Ratio Lower Upper
112 100
64 63.8 55.9 83.9
63 32.6 29.0 43.6

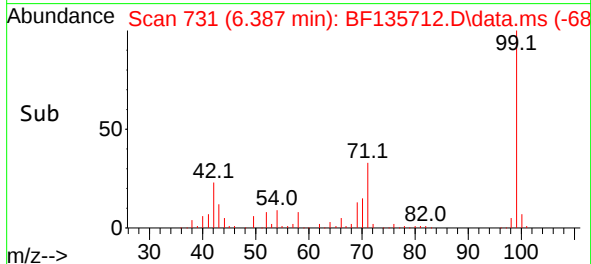
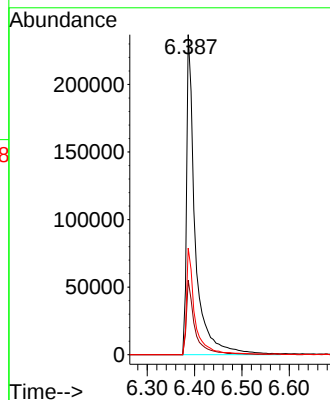
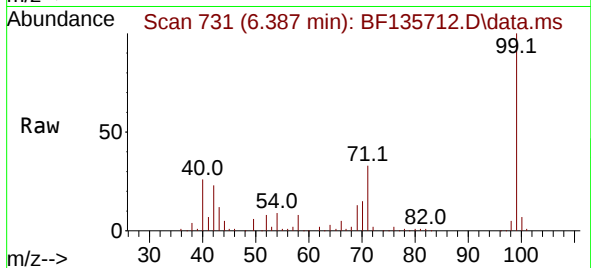




#7
Phenol-d6
Concen: 42.594 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

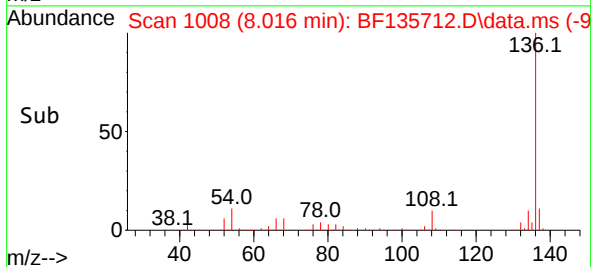
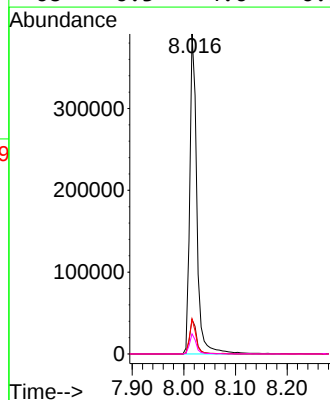
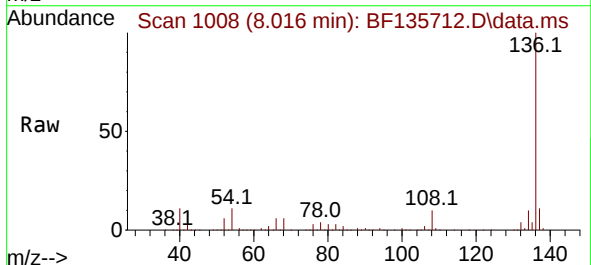
Instrument :
BNA_F
ClientSampleId :
MW-104D

Tgt Ion: 99 Resp: 302615
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 33.3 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

Tgt Ion:136 Resp: 373465
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.9 7.7 11.5
68 6.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 90.964 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF135712.D

Acq: 11 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

MW-104D

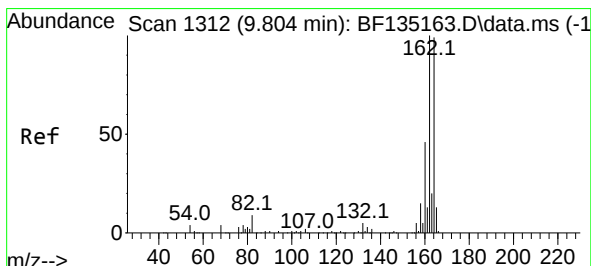
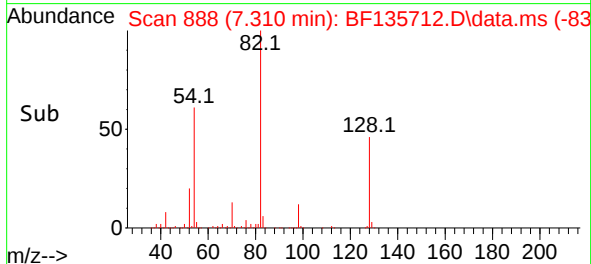
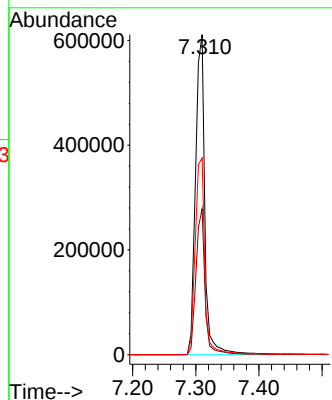
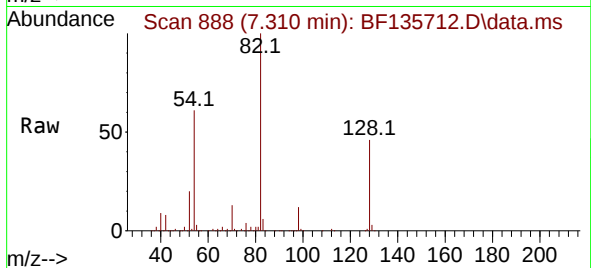
Tgt Ion: 82 Resp: 625292

Ion Ratio Lower Upper

82 100

128 45.6 35.8 53.6

54 61.5 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF135712.D

Acq: 11 Oct 2023 14:39

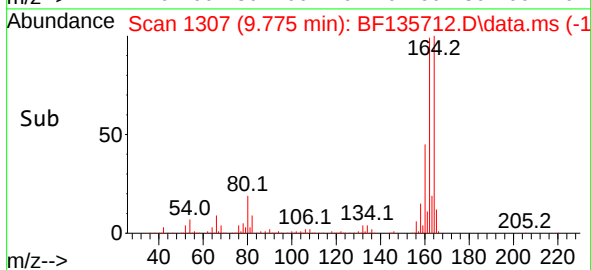
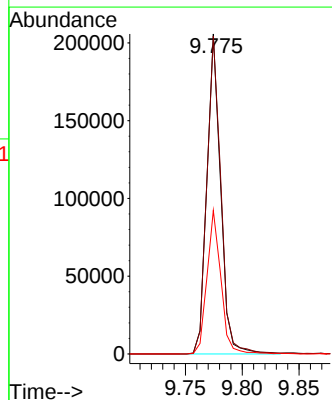
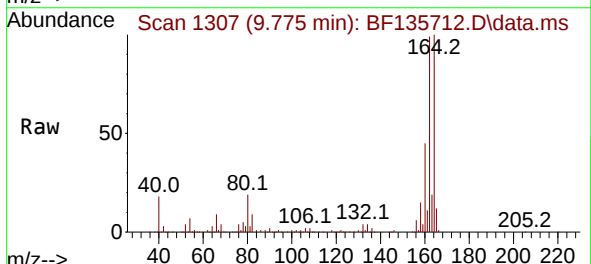
Tgt Ion: 164 Resp: 172702

Ion Ratio Lower Upper

164 100

162 99.3 81.0 121.4

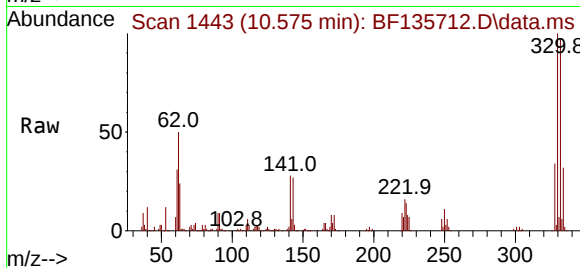
160 44.8 37.0 55.4



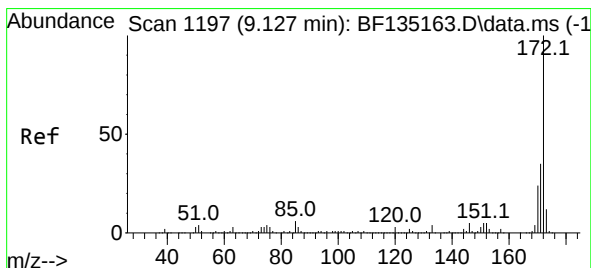
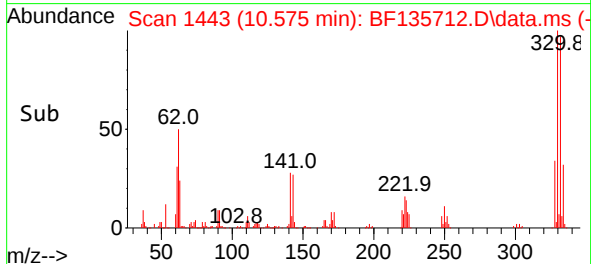
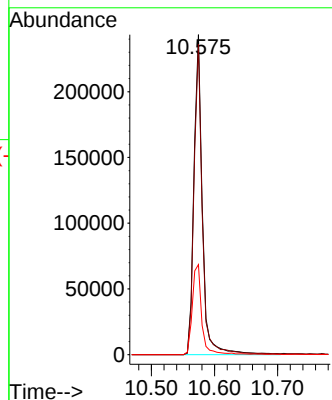


#42
 2,4,6-Tribromophenol
 Concen: 133.027 ng
 RT: 10.575 min Scan# 1443
 Delta R.T. -0.000 min
 Lab File: BF135712.D
 Acq: 11 Oct 2023 14:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

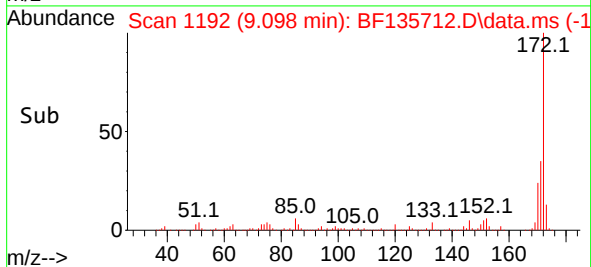
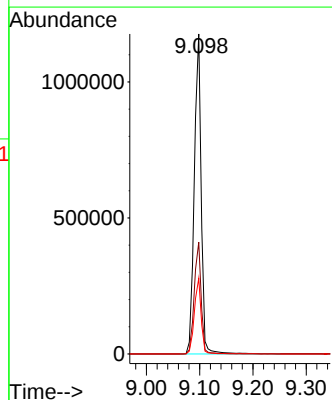
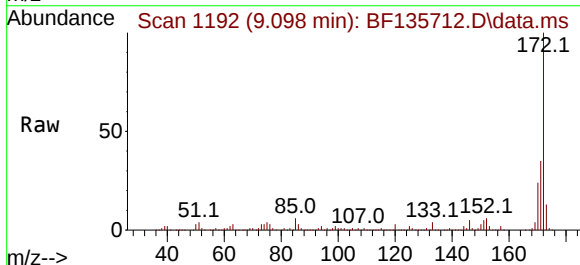


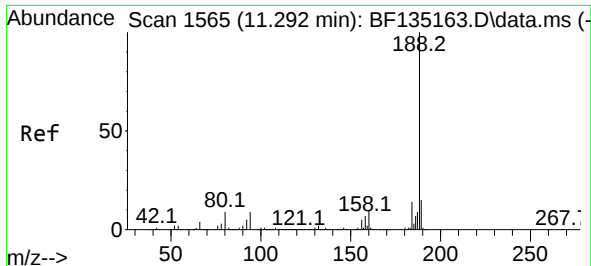
Tgt Ion:330 Resp: 228306
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 31.6 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 93.185 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: BF135712.D
 Acq: 11 Oct 2023 14:39

Tgt Ion:172 Resp: 1066681
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.4 42.6
 170 23.7 19.0 28.4

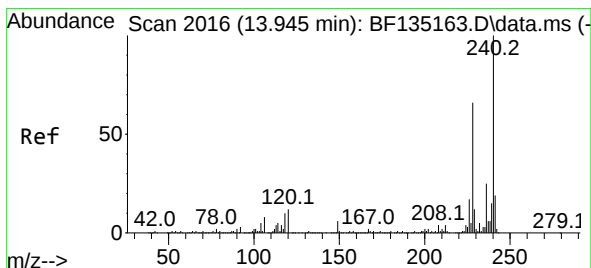
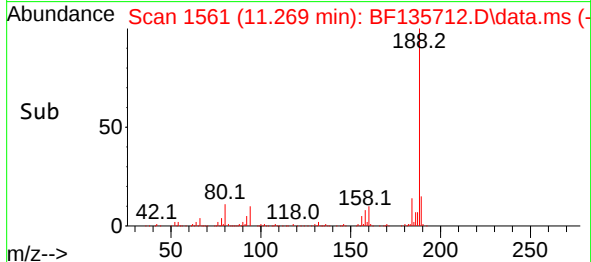
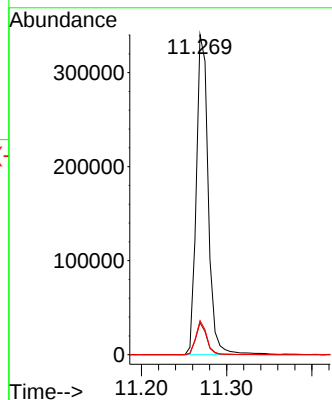
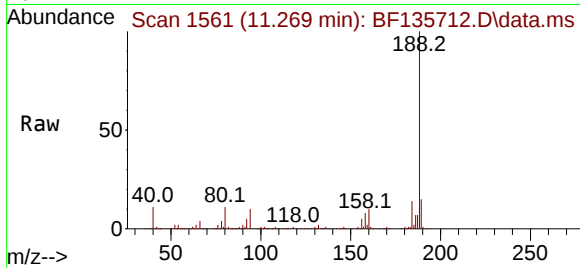




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

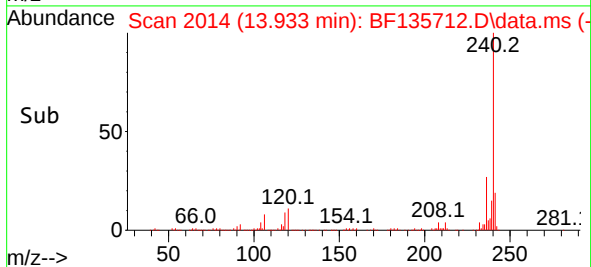
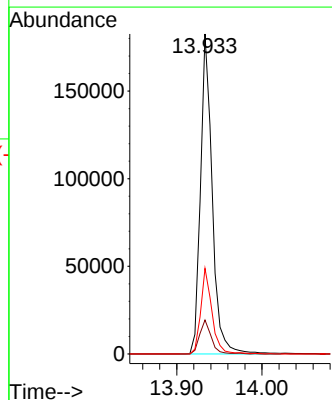
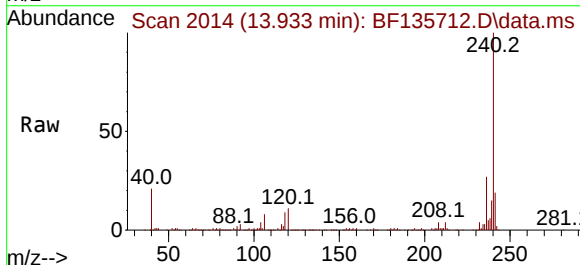
Instrument :
BNA_F
ClientSampleId :
MW-104D

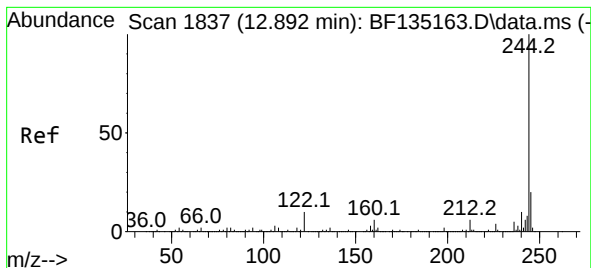
Tgt Ion:188 Resp: 331663
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

Tgt Ion:240 Resp: 174846
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.7 19.8 29.8





#79

Terphenyl-d14

Concen: 85.105 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.000 min

Lab File: BF135712.D

Acq: 11 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

MW-104D

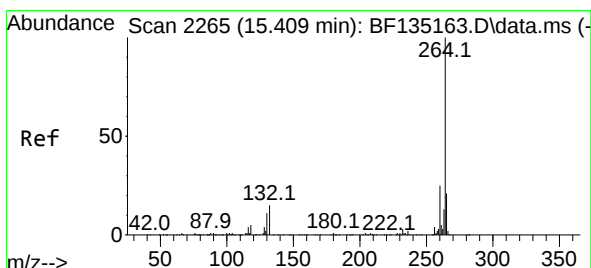
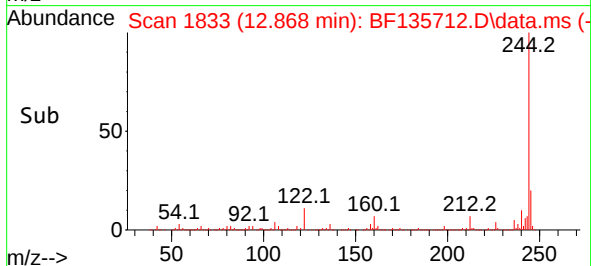
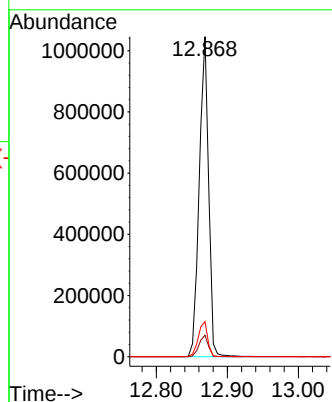
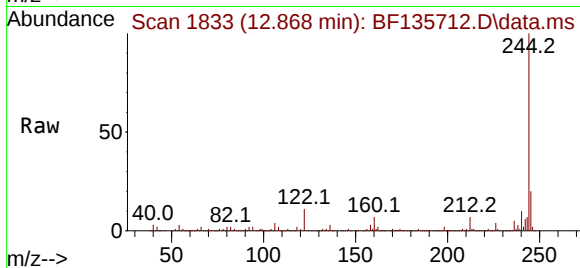
Tgt Ion:244 Resp: 959904

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 10.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF135712.D

Acq: 11 Oct 2023 14:39

Tgt Ion:264 Resp: 206303

Ion Ratio Lower Upper

264 100

260 22.0 19.8 29.6

265 20.8 17.0 25.4

