

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135811.D
 Acq On : 17 Oct 2023 14:37
 Operator : CG\JU
 Sample : 04724-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Oct 18 01:37:42 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	6.739	152	75144	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	283291	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	130354	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	214009	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	155323	20.000	ng	-0.02
86) Perylene-d12	15.415	264	151547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	343920	73.584	ng	0.00
7) Phenol-d6	6.392	99	247970	42.521	ng	0.00
23) Nitrobenzene-d5	7.304	82	570471	110.753	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	188218	150.472	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	948226	113.733	ng	0.00
79) Terphenyl-d14	12.868	244	857436	102.232	ng	-0.01

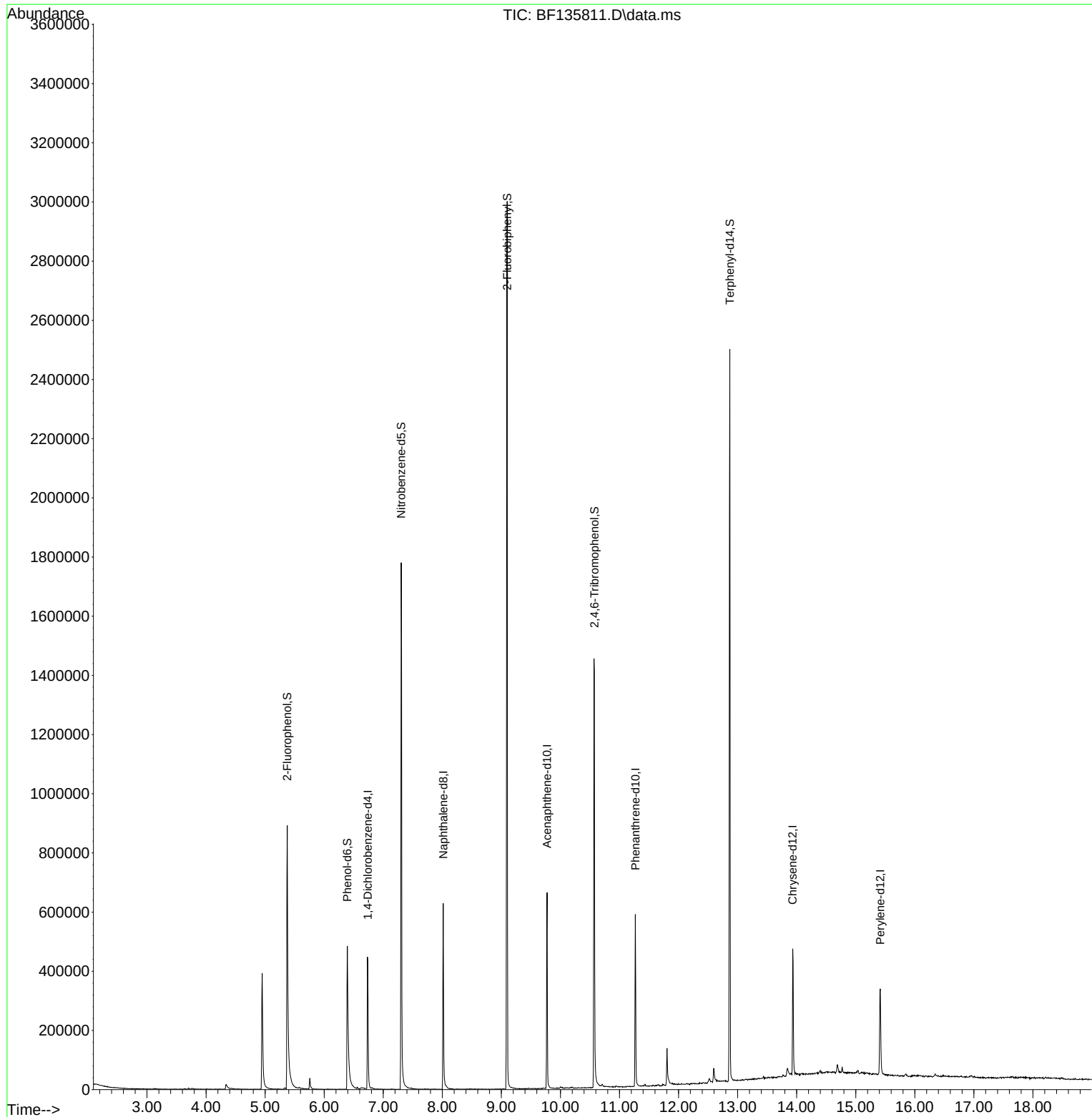
Target Compounds	Qvalue

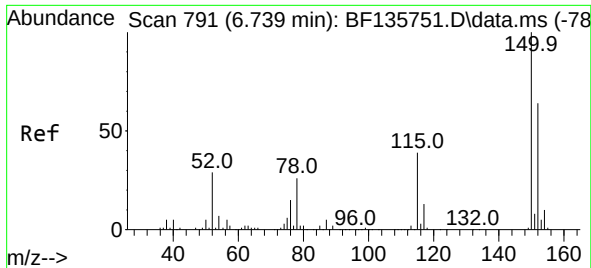
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
Data File : BF135811.D
Acq On : 17 Oct 2023 14:37
Operator : CG\JU
Sample : 04724-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Time: Oct 18 01:37:42 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

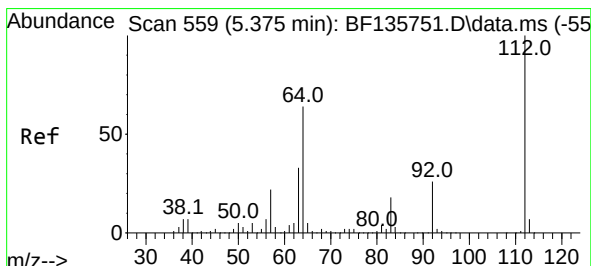
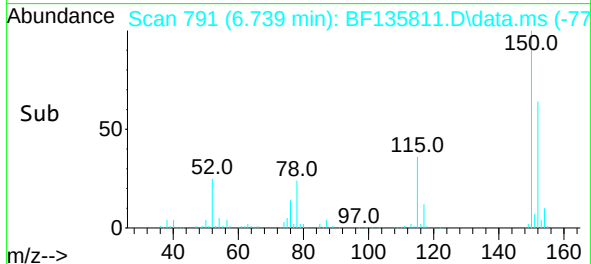
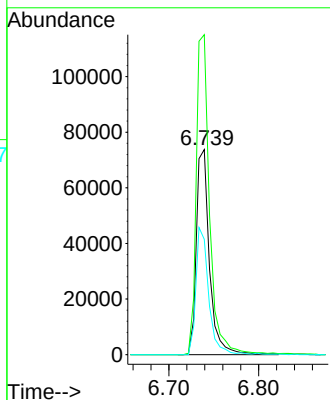
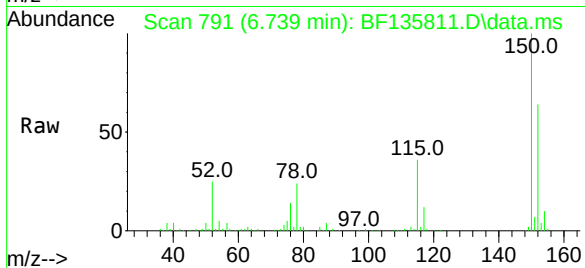




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135811.D
 Acq: 17 Oct 2023 14:37

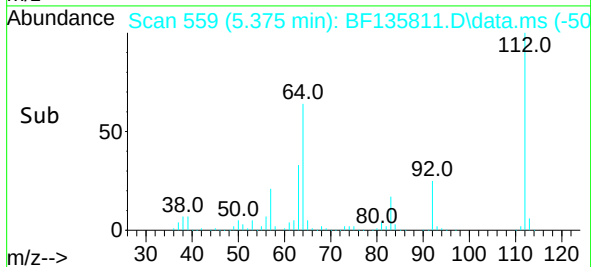
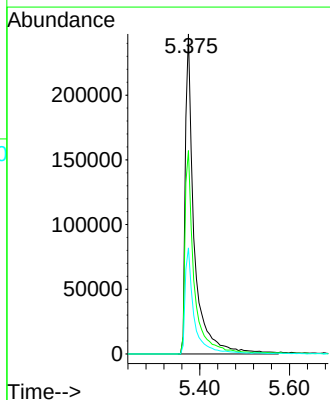
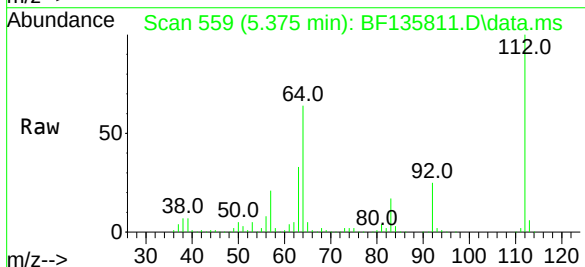
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

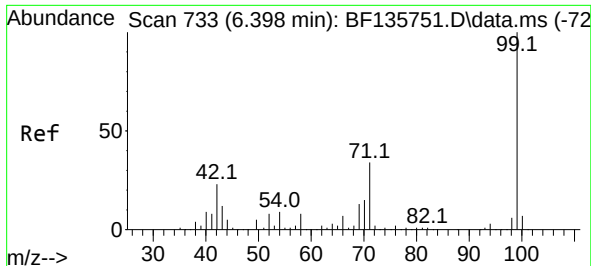
Tgt Ion:152 Resp: 75144
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.5 186.7
 115 56.2 49.0 73.4



#5
 2-Fluorophenol
 Concen: 73.584 ng
 RT: 5.375 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: BF135811.D
 Acq: 17 Oct 2023 14:37

Tgt Ion:112 Resp: 343920
 Ion Ratio Lower Upper
 112 100
 64 63.5 51.2 76.8
 63 33.1 26.1 39.1

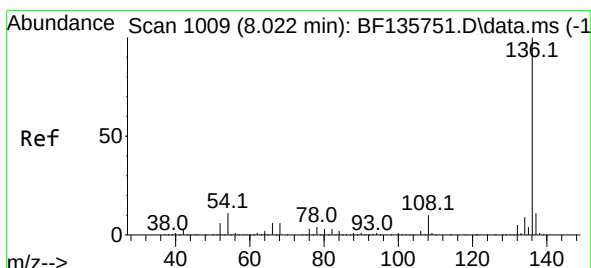
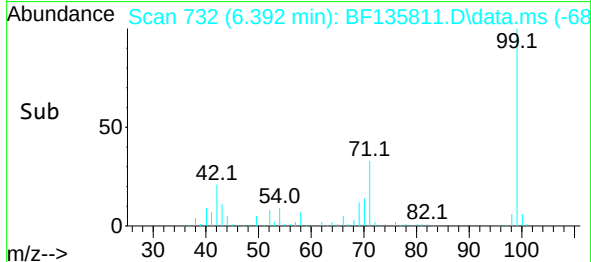
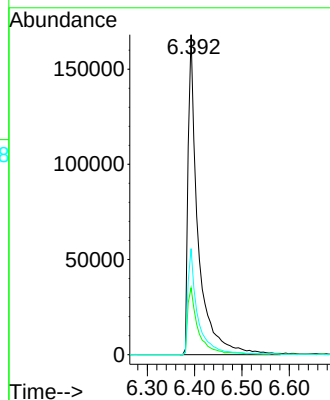
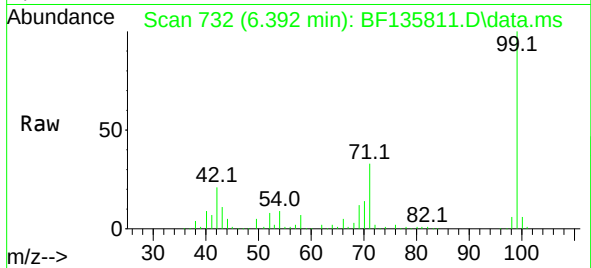




#7
Phenol-d6
Concen: 42.521 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

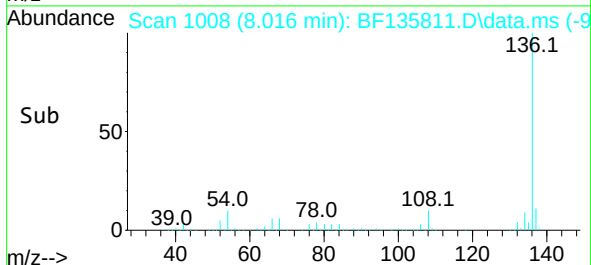
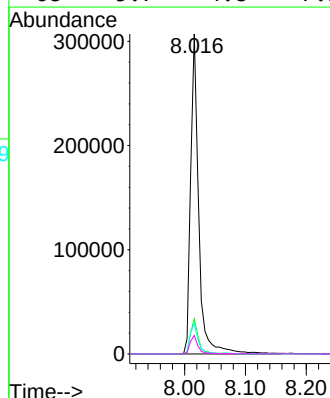
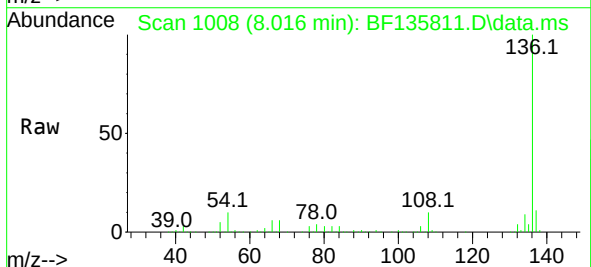
Instrument :
BNA_F
ClientSampleId :
MW-1

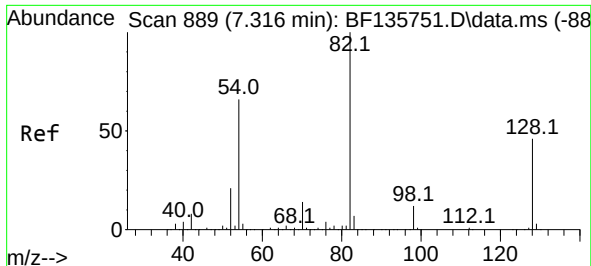
Tgt Ion: 99 Resp: 247970
Ion Ratio Lower Upper
99 100
42 20.9 18.4 27.6
71 33.1 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

Tgt Ion: 136 Resp: 283291
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.6 8.5 12.7
68 5.7 4.8 7.2

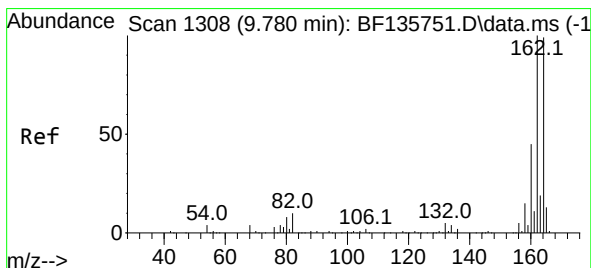
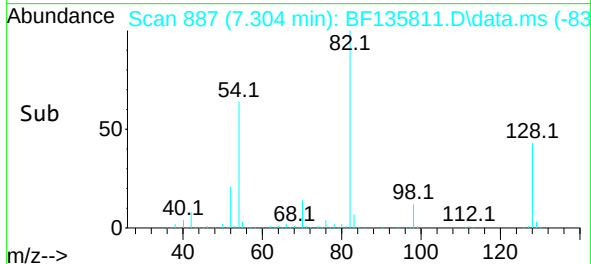
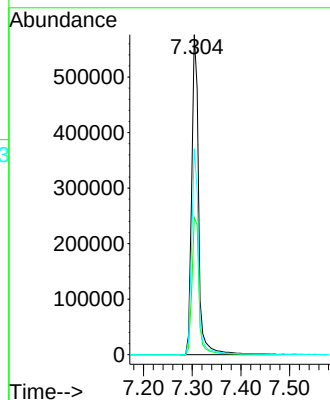
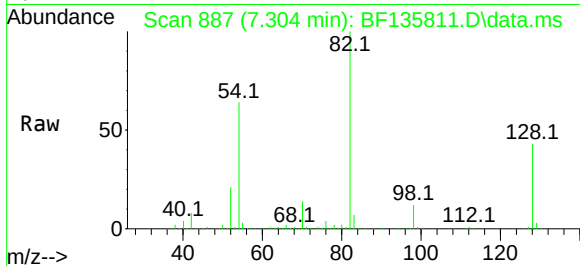




#23
Nitrobenzene-d5
Concen: 110.753 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

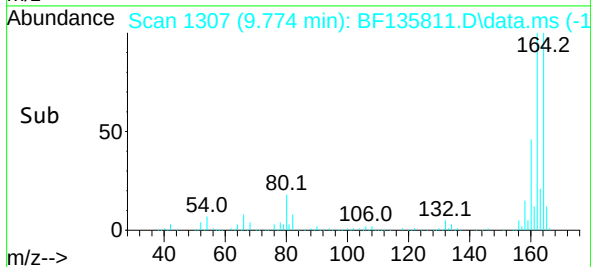
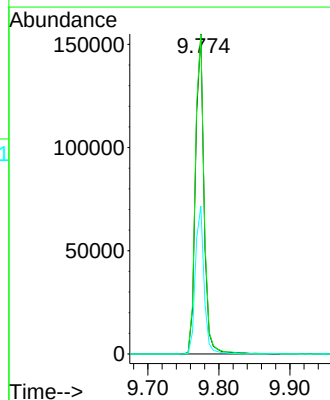
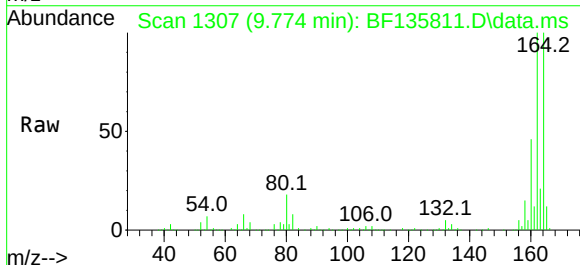
Instrument :
BNA_F
ClientSampleId :
MW-1

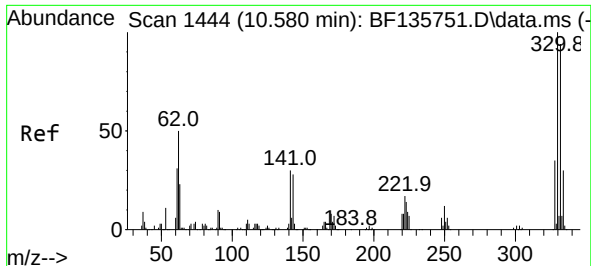
Tgt Ion: 82 Resp: 570471
Ion Ratio Lower Upper
82 100
128 42.8 37.0 55.6
54 64.3 52.8 79.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

Tgt Ion:164 Resp: 130354
Ion Ratio Lower Upper
164 100
162 99.8 80.8 121.2
160 46.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 150.472 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135811.D

Acq: 17 Oct 2023 14:37

Instrument :

BNA_F

ClientSampleId :

MW-1

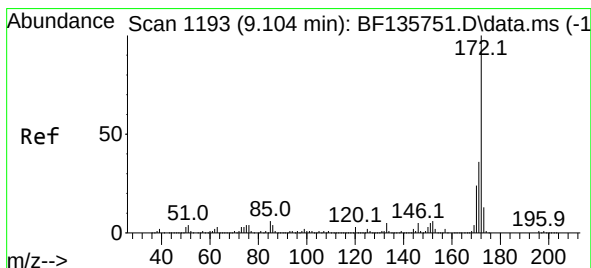
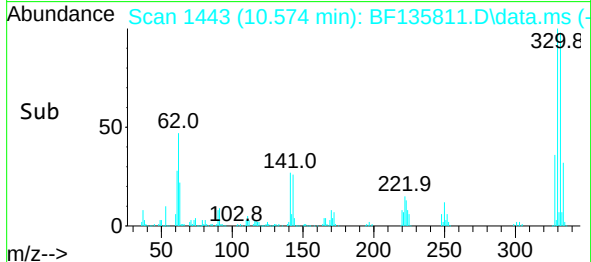
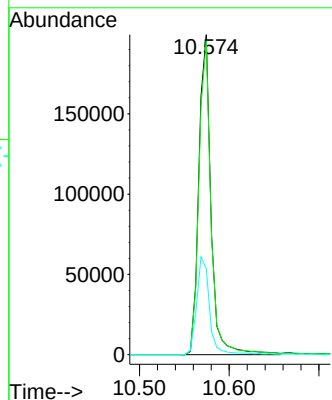
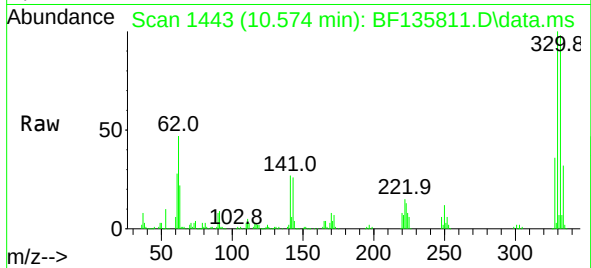
Tgt Ion:330 Resp: 188218

Ion Ratio Lower Upper

330 100

332 97.6 75.0 112.4

141 32.6 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 113.733 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135811.D

Acq: 17 Oct 2023 14:37

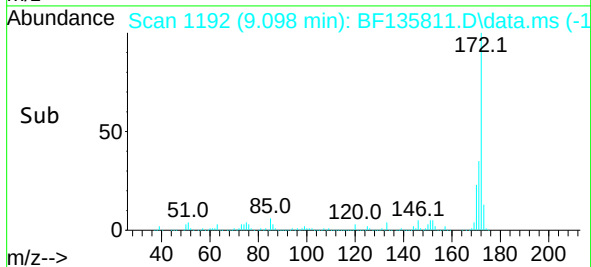
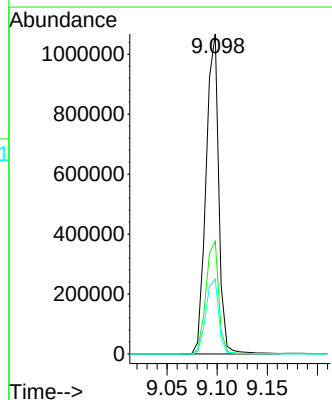
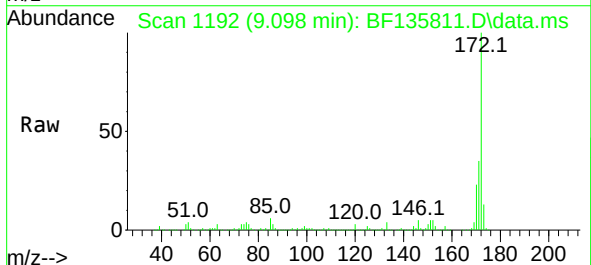
Tgt Ion:172 Resp: 948226

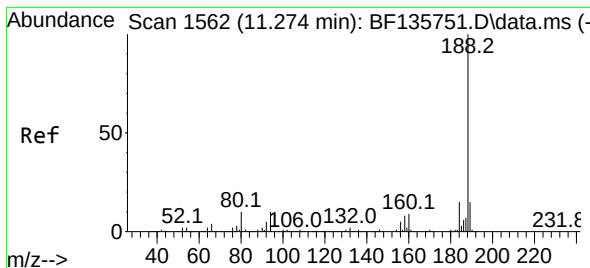
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135811.D

Acq: 17 Oct 2023 14:37

Instrument :

BNA_F

ClientSampleId :

MW-1

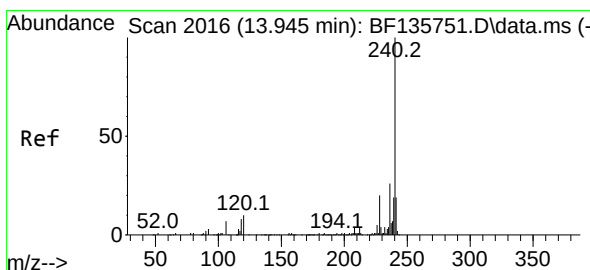
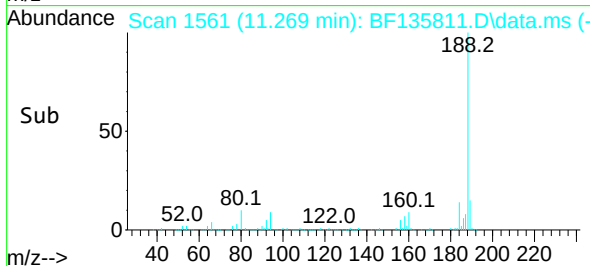
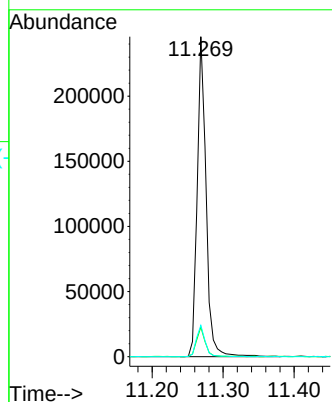
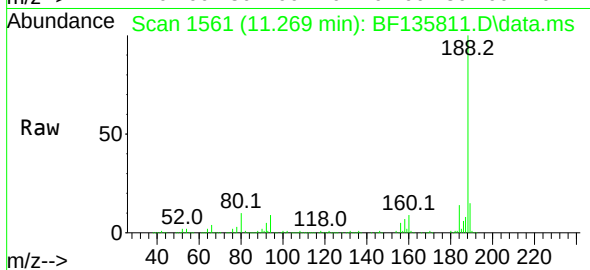
Tgt Ion:188 Resp: 214009

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

80 9.8 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: BF135811.D

Acq: 17 Oct 2023 14:37

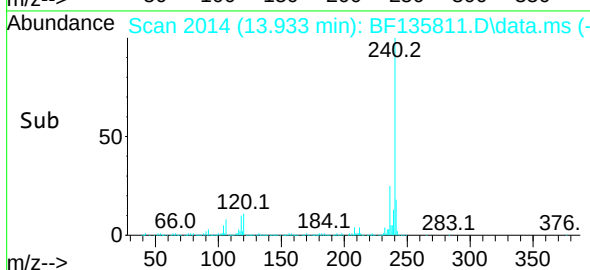
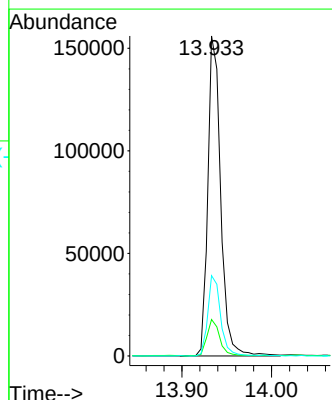
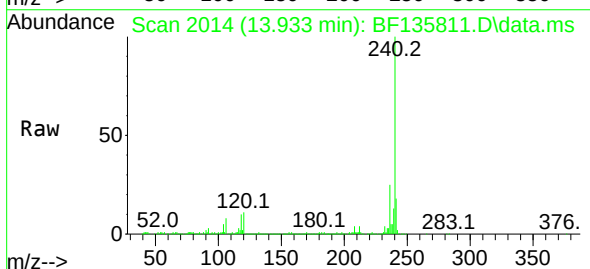
Tgt Ion:240 Resp: 155323

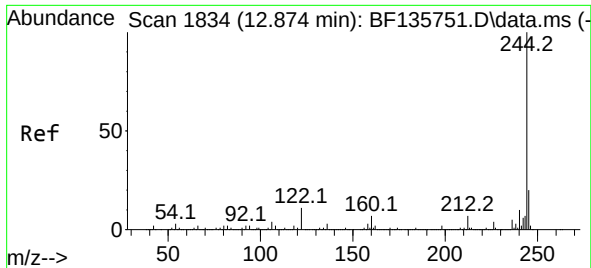
Ion Ratio Lower Upper

240 100

120 11.4 8.2 12.2

236 25.1 21.2 31.8

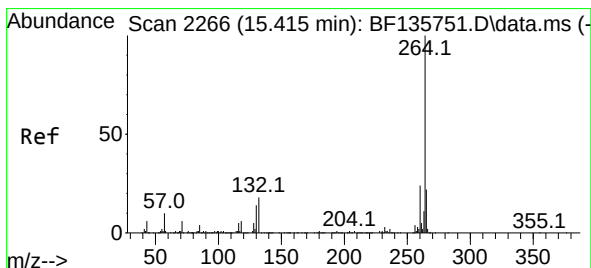
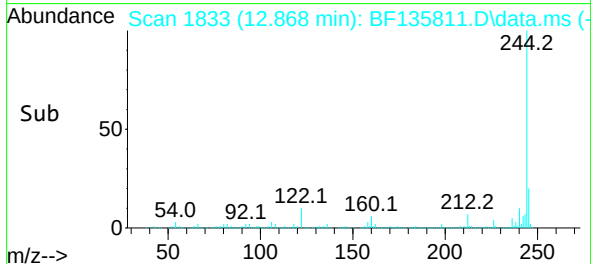
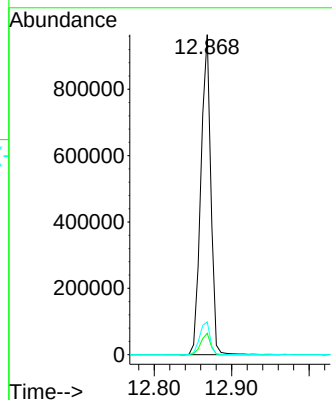
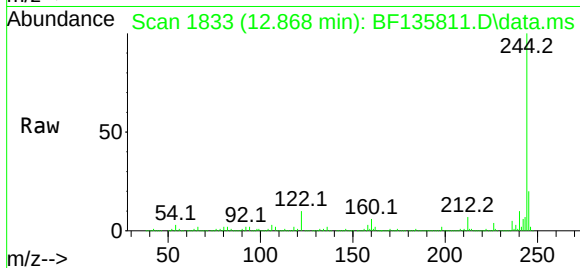




#79
 Terphenyl-d14
 Concen: 102.232 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135811.D
 Acq: 17 Oct 2023 14:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:244 Resp: 857436
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.3 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF135811.D
 Acq: 17 Oct 2023 14:37

Tgt Ion:264 Resp: 151547
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 17.4 26.2

