

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137795.D
Acq On : 01 May 2024 16:51
Operator : CG\JU
Sample : P2306-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20240429

Quant Time: May 01 17:16:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	177275	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	686522	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	384512	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	657218	20.000	ng	0.00
76) Chrysene-d12	14.245	240	403947	20.000	ng	0.00
86) Perylene-d12	15.821	264	400349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	622909	58.831	ng	0.00
7) Phenol-d6	6.663	99	480522	35.780	ng	-0.01
23) Nitrobenzene-d5	7.616	82	1094406	92.616	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	535847	136.488	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2088430	88.117	ng	0.00
79) Terphenyl-d14	13.186	244	2419505	100.378	ng	0.00

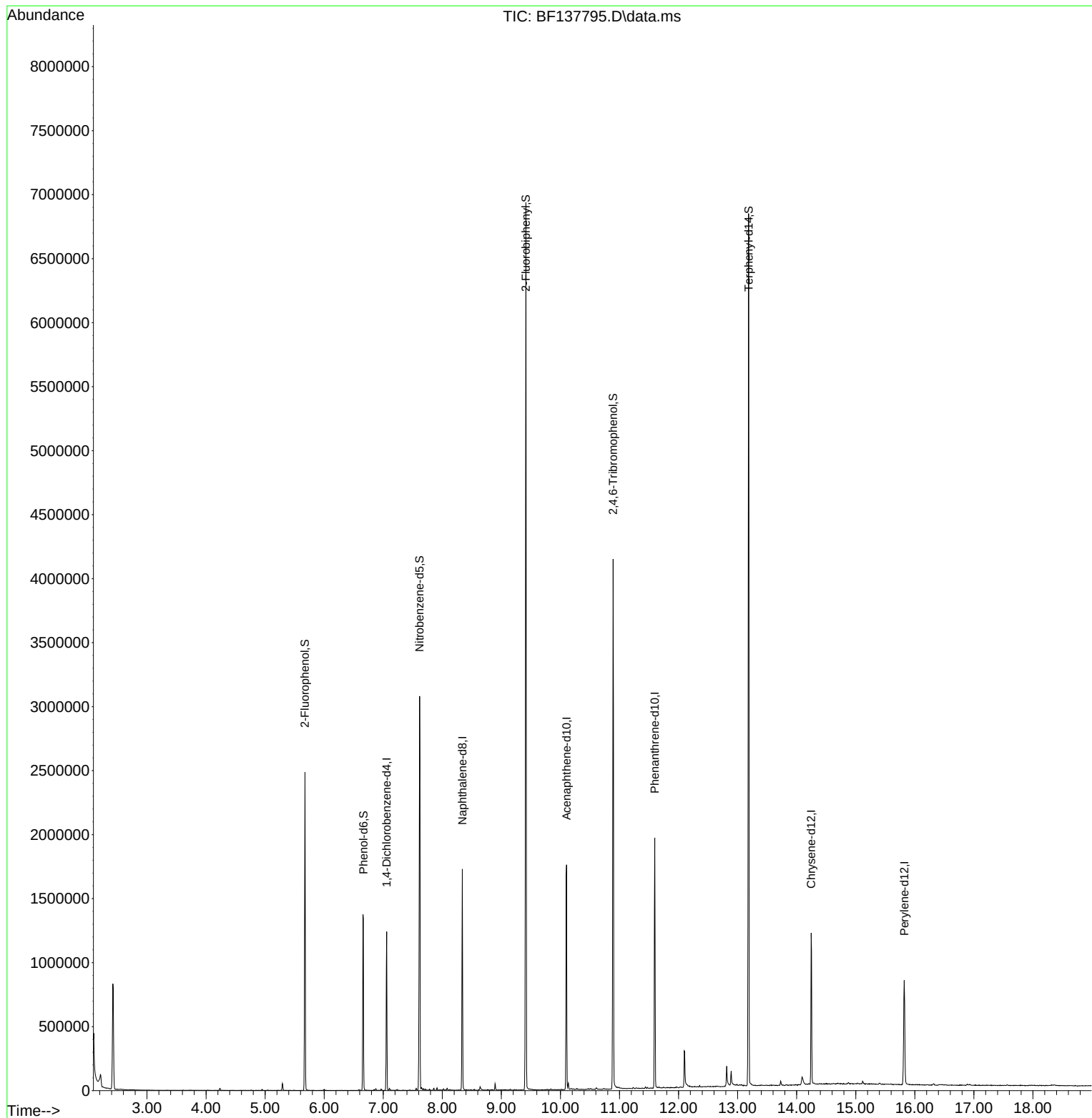
Target Compounds	Qvalue

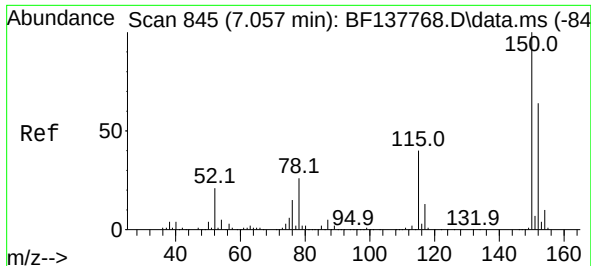
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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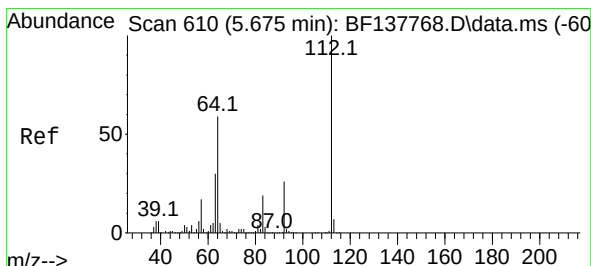
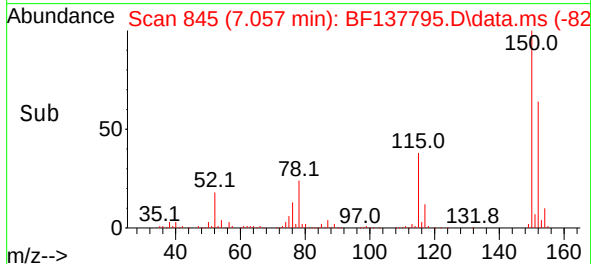
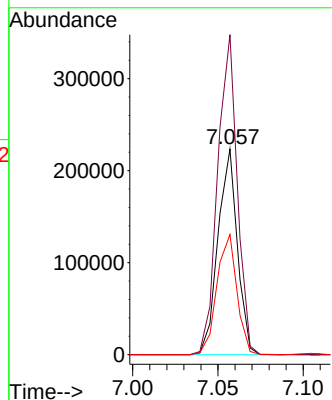
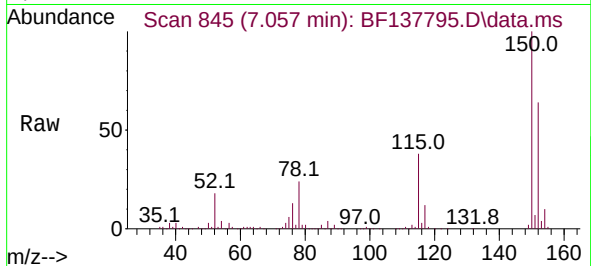




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF137795.D
Acq: 01 May 2024 16:51

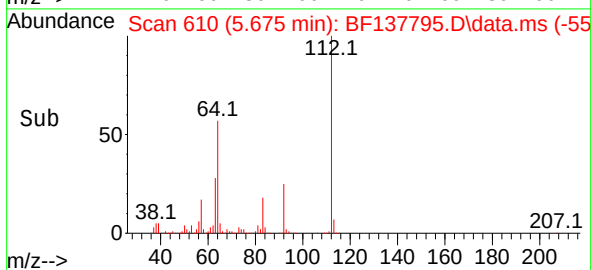
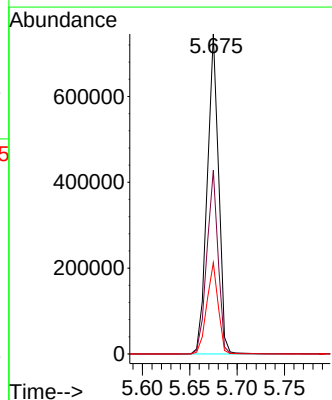
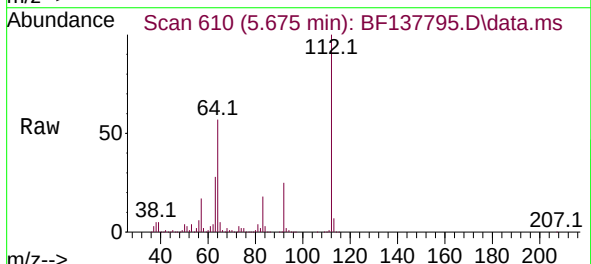
Instrument :
BNA_F
ClientSampleId :
MW-2-20240429

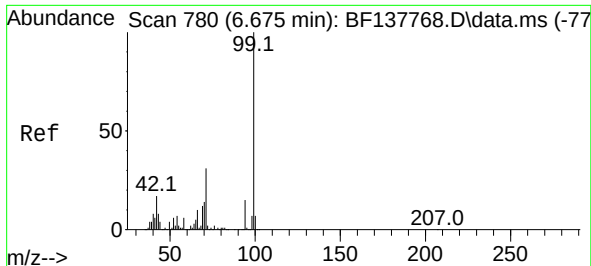
Tgt Ion:152 Resp: 177275
Ion Ratio Lower Upper
152 100
150 155.7 124.1 186.1
115 58.5 49.1 73.7



#5
2-Fluorophenol
Concen: 58.831 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137795.D
Acq: 01 May 2024 16:51

Tgt Ion:112 Resp: 622909
Ion Ratio Lower Upper
112 100
64 57.4 47.3 70.9
63 28.5 23.7 35.5





#7

Phenol-d6

Concen: 35.780 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137795.D

Acq: 01 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

MW-2-20240429

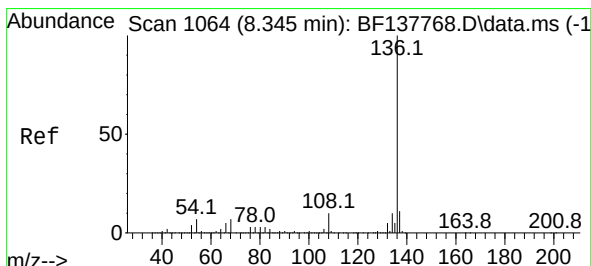
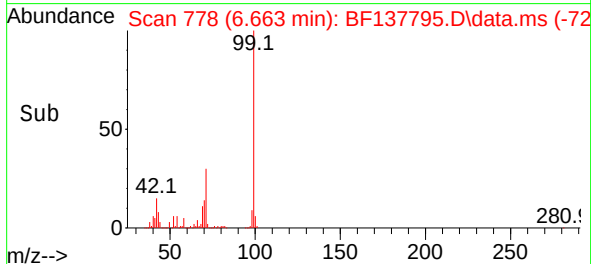
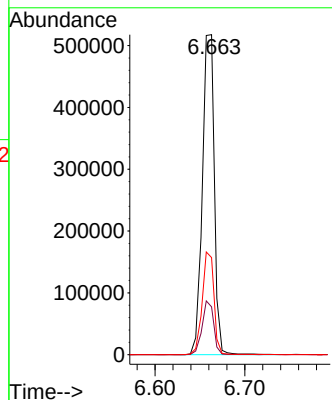
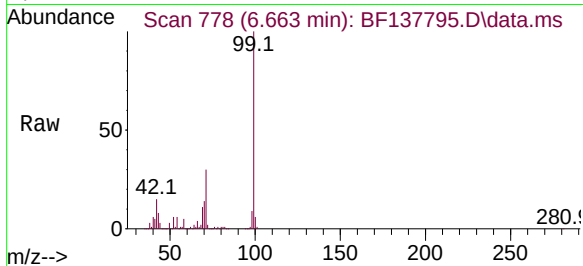
Tgt Ion: 99 Resp: 480522

Ion Ratio Lower Upper

99 100

42 15.0 13.2 19.8

71 30.4 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.339 min Scan# 1063

Delta R.T. -0.006 min

Lab File: BF137795.D

Acq: 01 May 2024 16:51

Tgt Ion: 136 Resp: 686522

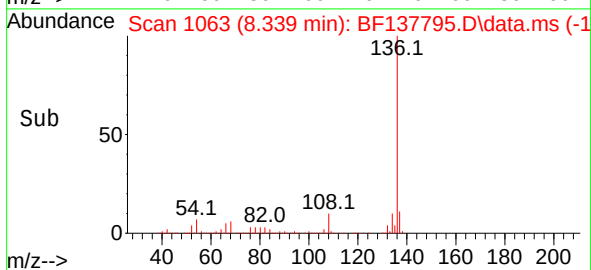
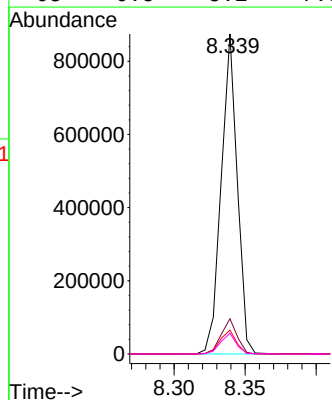
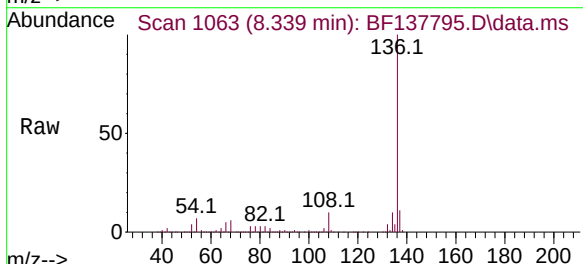
Ion Ratio Lower Upper

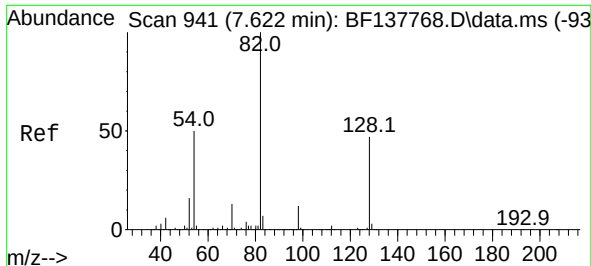
136 100

137 11.0 8.8 13.2

54 7.5 5.8 8.8

68 6.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 92.616 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137795.D

Acq: 01 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

MW-2-20240429

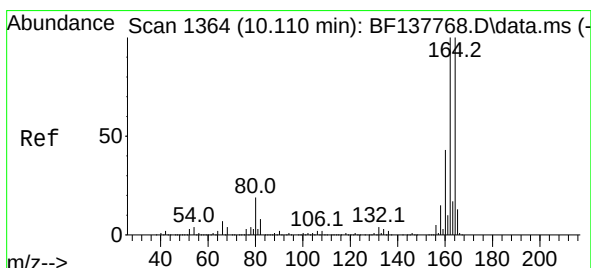
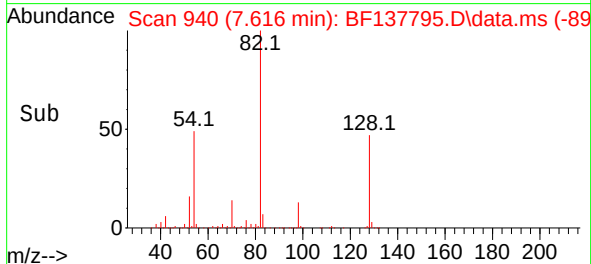
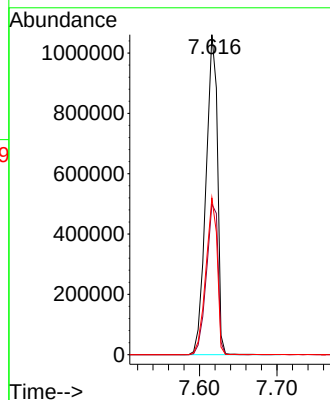
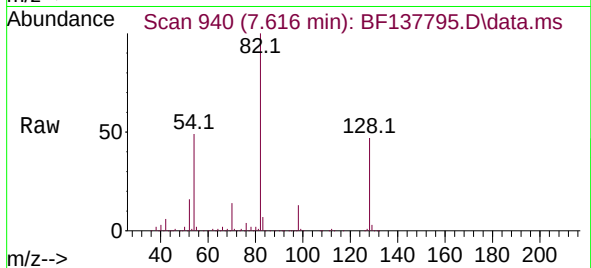
Tgt Ion: 82 Resp: 1094406

Ion Ratio Lower Upper

82 100

128 47.0 37.5 56.3

54 49.0 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BF137795.D

Acq: 01 May 2024 16:51

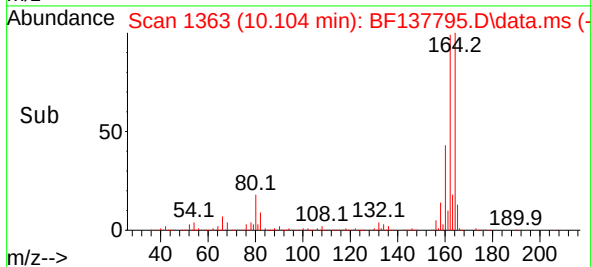
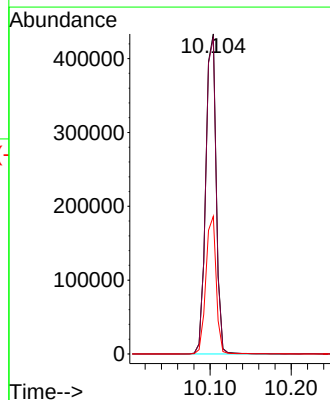
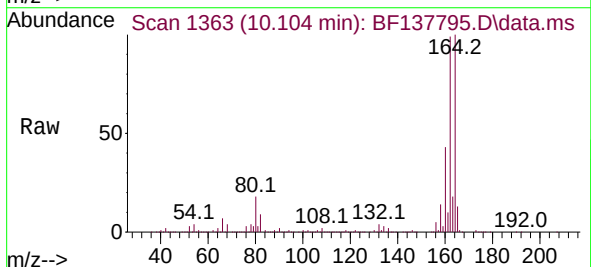
Tgt Ion:164 Resp: 384512

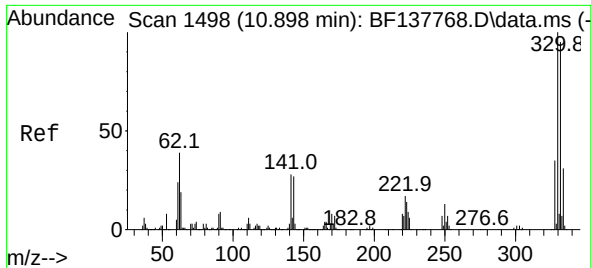
Ion Ratio Lower Upper

164 100

162 98.7 79.8 119.6

160 43.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 136.488 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137795.D

Acq: 01 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

MW-2-20240429

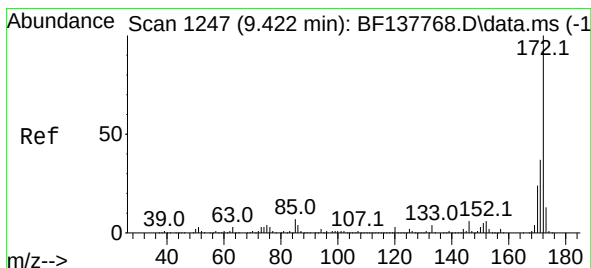
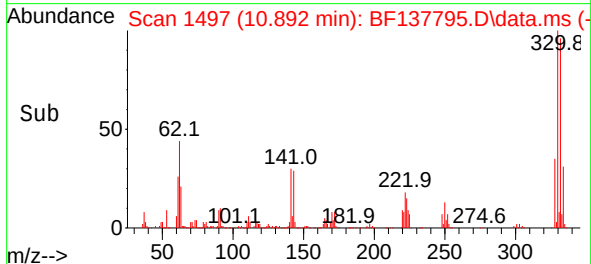
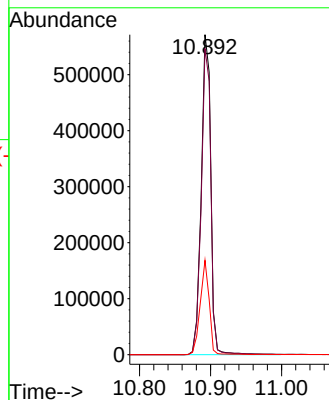
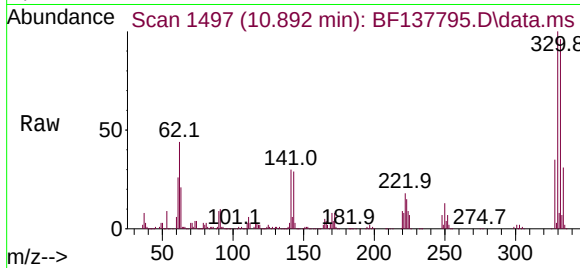
Tgt Ion:330 Resp: 535847

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 27.9 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 88.117 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137795.D

Acq: 01 May 2024 16:51

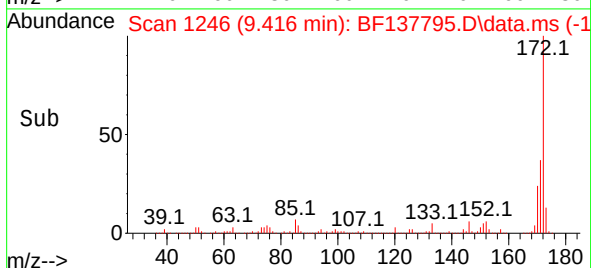
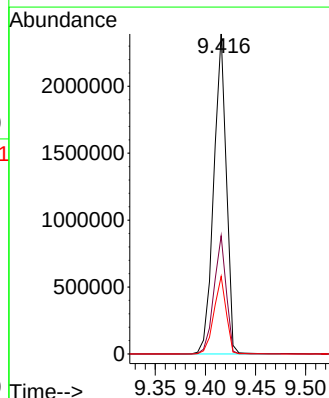
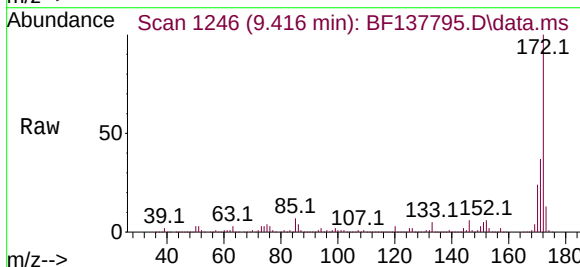
Tgt Ion:172 Resp: 2088430

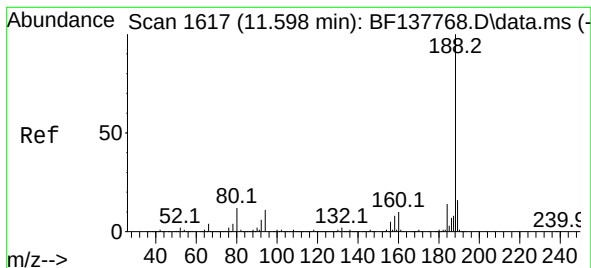
Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

170 24.3 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137795.D

Acq: 01 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

MW-2-20240429

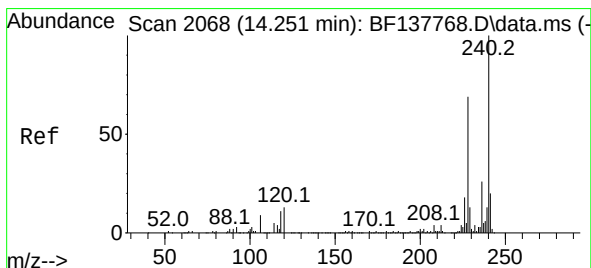
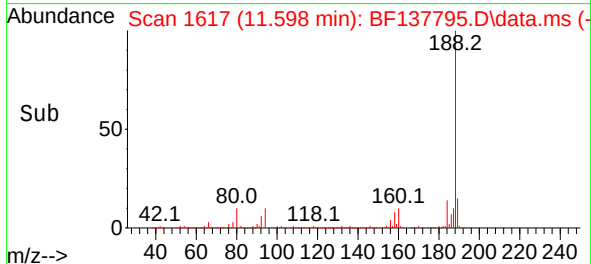
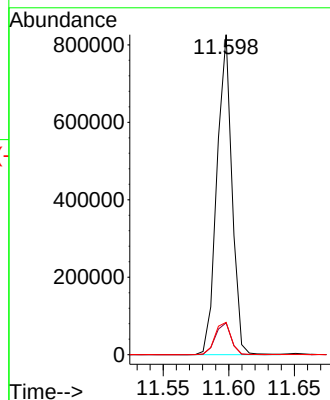
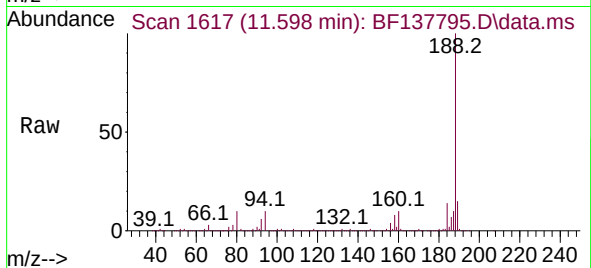
Tgt Ion:188 Resp: 657218

Ion Ratio Lower Upper

188 100

94 10.0 8.8 13.2

80 10.1 9.6 14.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137795.D

Acq: 01 May 2024 16:51

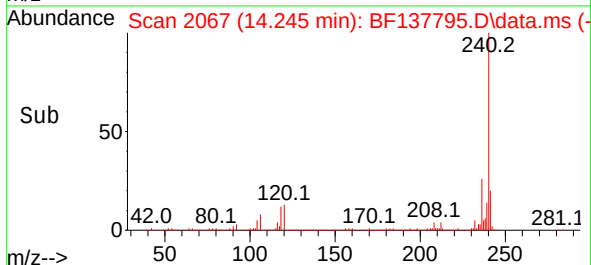
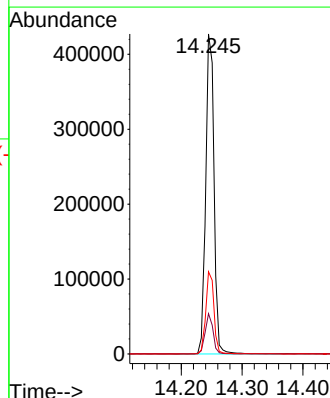
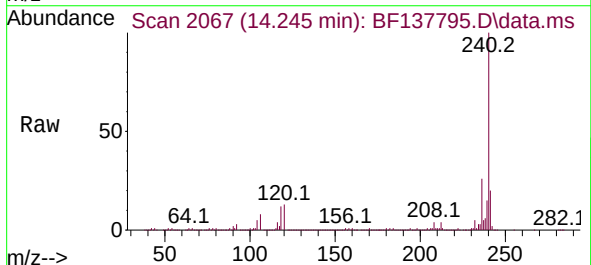
Tgt Ion:240 Resp: 403947

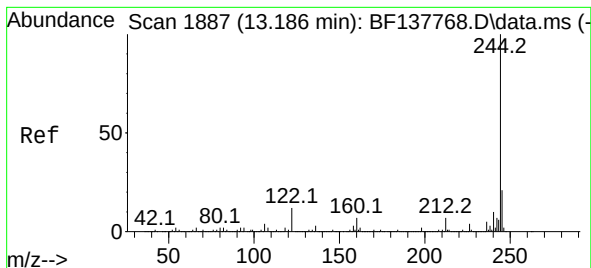
Ion Ratio Lower Upper

240 100

120 12.6 10.4 15.6

236 25.7 20.4 30.6





#79

Terphenyl-d14

Concen: 100.378 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.000 min

Lab File: BF137795.D

Acq: 01 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

MW-2-20240429

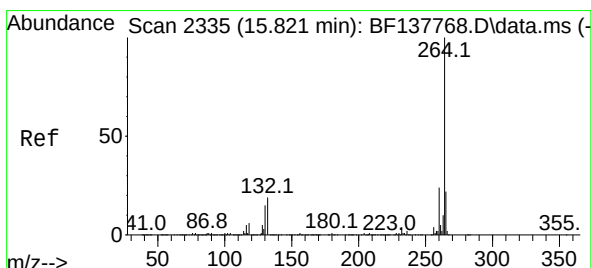
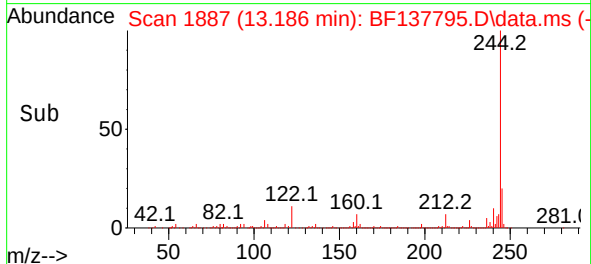
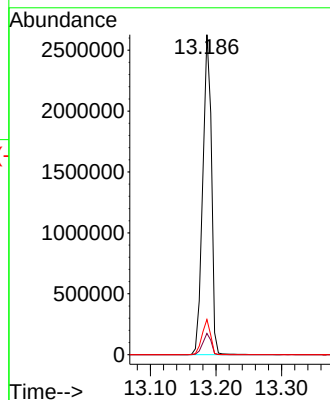
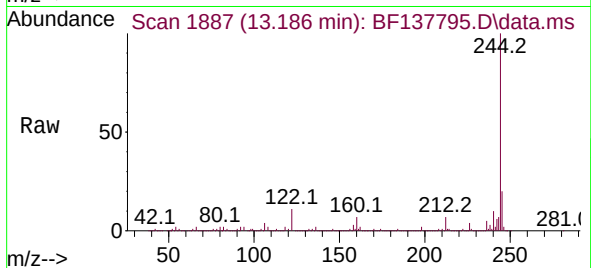
Tgt Ion:244 Resp: 2419505

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 11.0 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.821 min Scan# 2335

Delta R.T. -0.000 min

Lab File: BF137795.D

Acq: 01 May 2024 16:51

Tgt Ion:264 Resp: 400349

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.4 17.4 26.0

