

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137797.D
Acq On : 01 May 2024 17:53
Operator : CG\JU
Sample : P2306-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1-20240429

Quant Time: May 01 18:27:06 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	186937	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	737834	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	420916	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	701836	20.000	ng	0.00
76) Chrysene-d12	14.251	240	395857	20.000	ng	0.00
86) Perylene-d12	15.821	264	420401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	686504	61.486	ng	0.00
7) Phenol-d6	6.663	99	536584	37.889	ng	-0.01
23) Nitrobenzene-d5	7.616	82	1140361	89.794	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	579918	134.938	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2198686	84.745	ng	0.00
79) Terphenyl-d14	13.192	244	2291140	96.995	ng	0.00

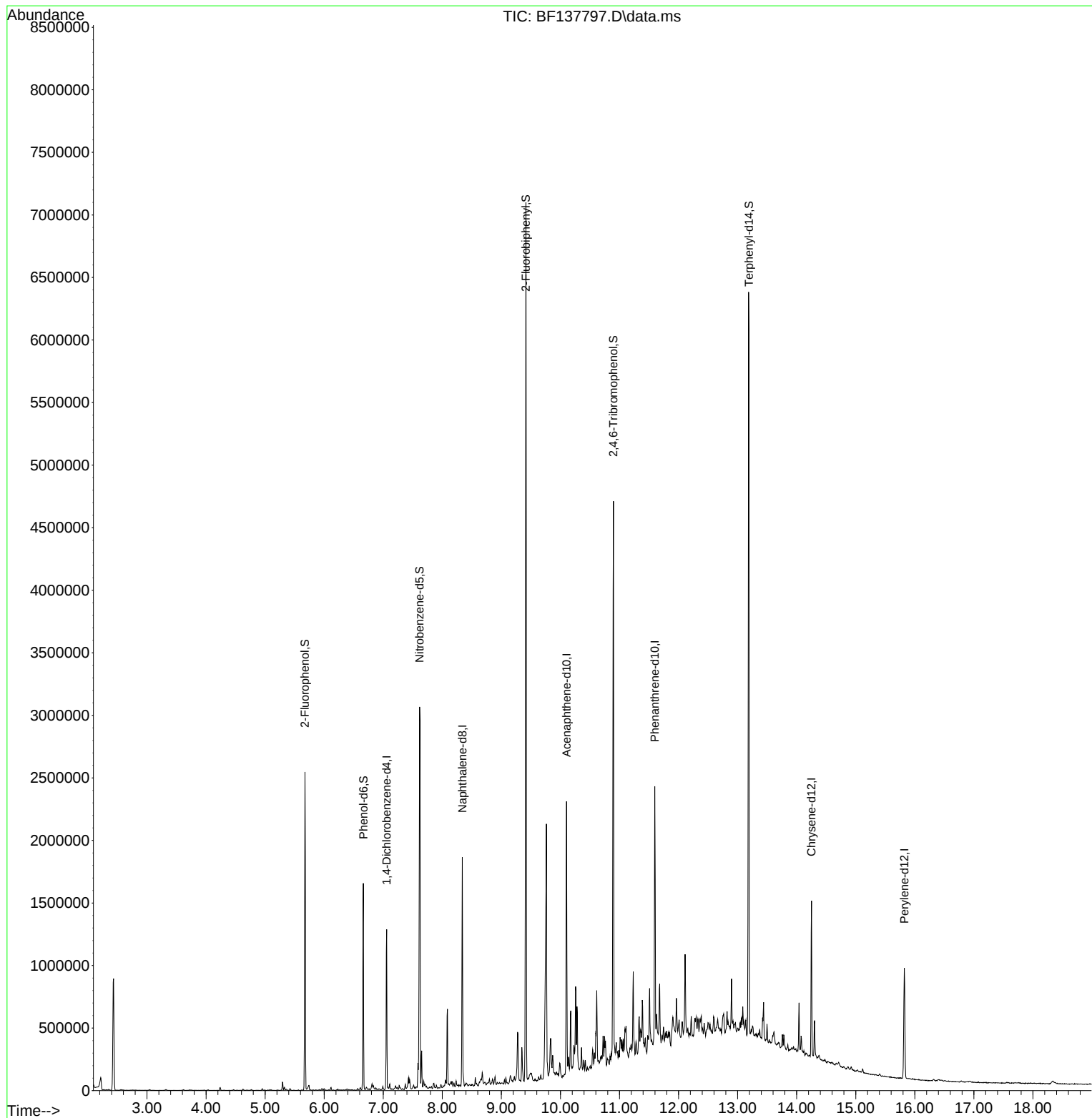
Target Compounds	Qvalue

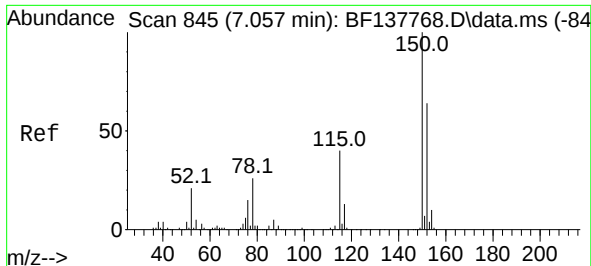
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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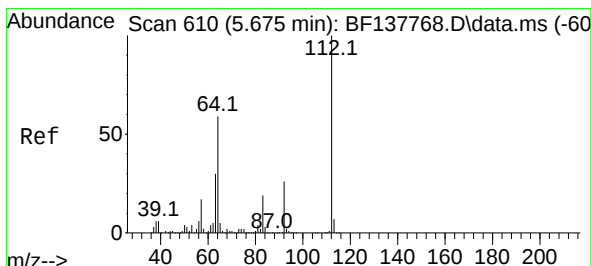
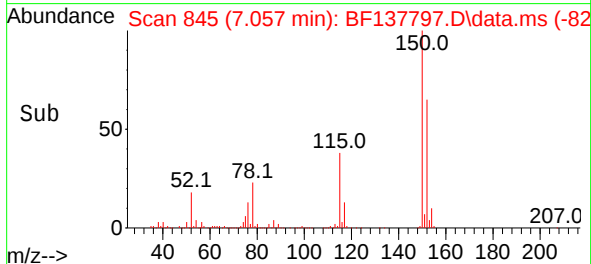
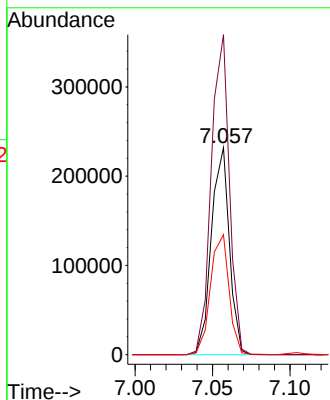
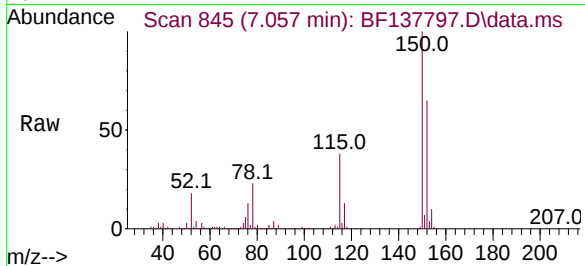




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF137797.D
Acq: 01 May 2024 17:53

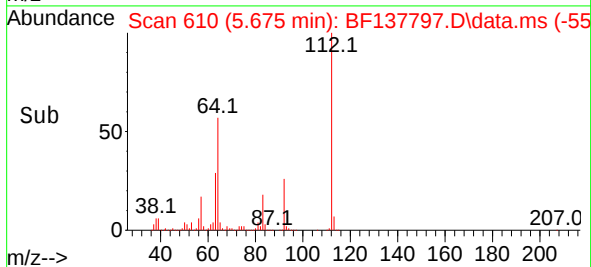
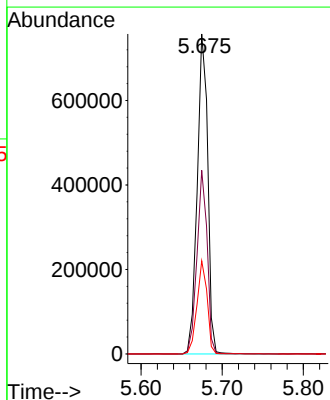
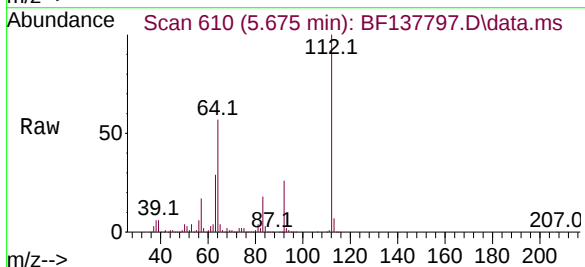
Instrument :
BNA_F
ClientSampleId :
MW-1-20240429

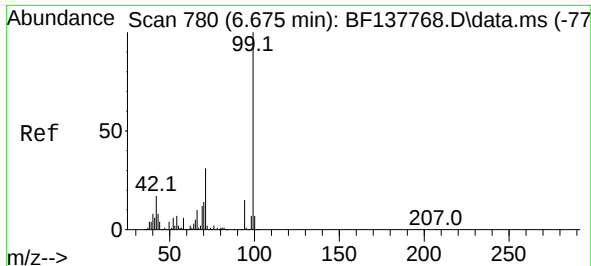
Tgt Ion:152 Resp: 186937
Ion Ratio Lower Upper
152 100
150 154.6 124.1 186.1
115 58.0 49.1 73.7



#5
2-Fluorophenol
Concen: 61.486 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137797.D
Acq: 01 May 2024 17:53

Tgt Ion:112 Resp: 686504
Ion Ratio Lower Upper
112 100
64 57.4 47.3 70.9
63 29.1 23.7 35.5

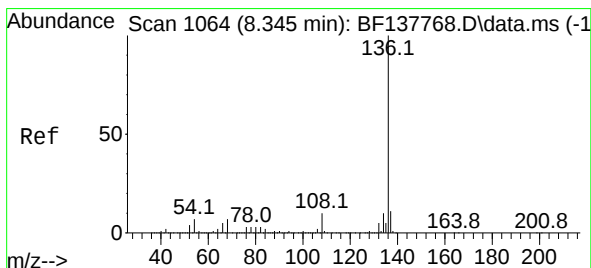
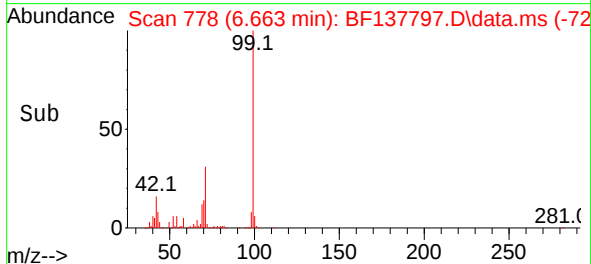
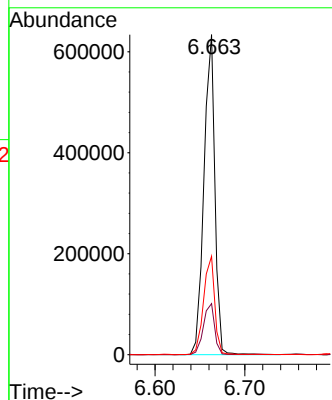
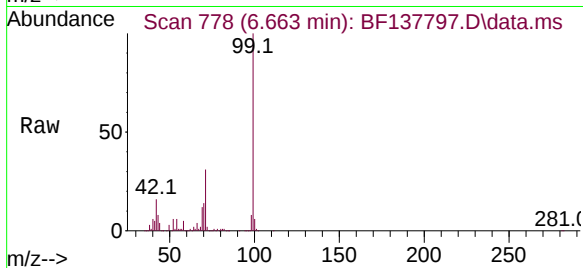




#7
Phenol-d6
Concen: 37.889 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137797.D
Acq: 01 May 2024 17:53

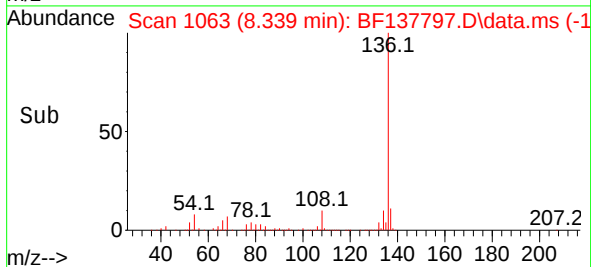
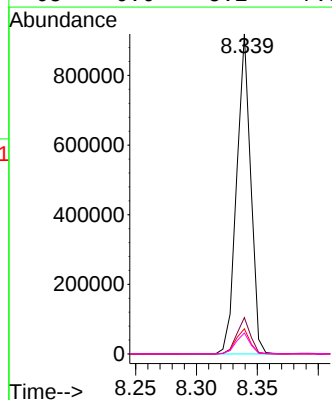
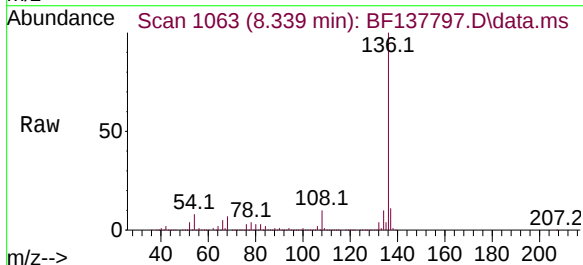
Instrument :
BNA_F
ClientSampleId :
MW-1-20240429

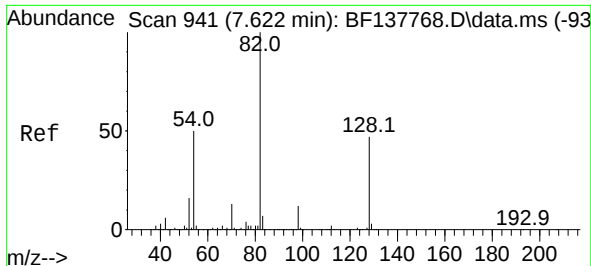
Tgt Ion: 99 Resp: 536584
Ion Ratio Lower Upper
99 100
42 16.0 13.2 19.8
71 30.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137797.D
Acq: 01 May 2024 17:53

Tgt Ion: 136 Resp: 737834
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.8 5.8 8.8
68 6.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 89.794 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137797.D

Acq: 01 May 2024 17:53

Instrument :

BNA_F

ClientSampleId :

MW-1-20240429

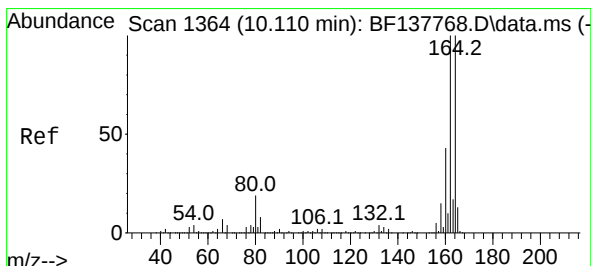
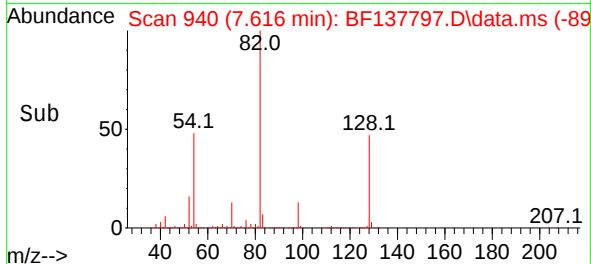
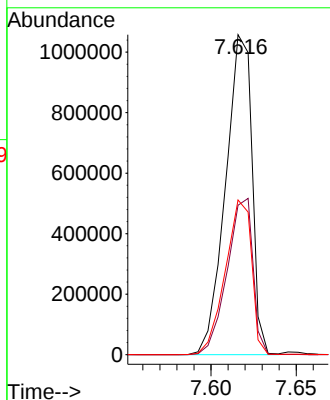
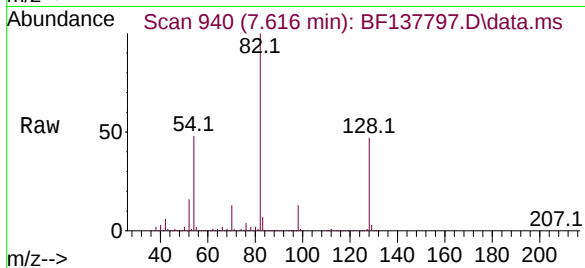
Tgt Ion: 82 Resp: 1140361

Ion Ratio Lower Upper

82 100

128 46.7 37.5 56.3

54 48.4 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: BF137797.D

Acq: 01 May 2024 17:53

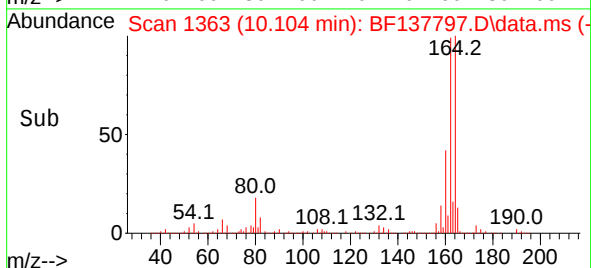
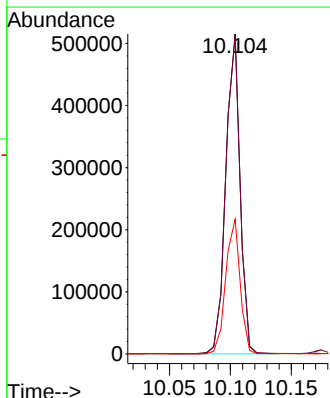
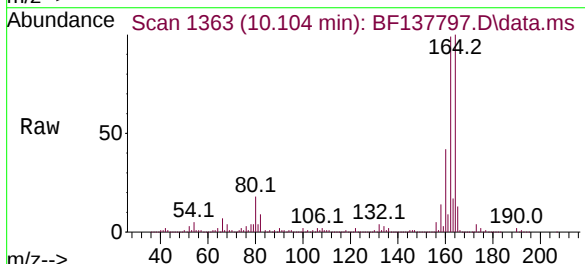
Tgt Ion:164 Resp: 420916

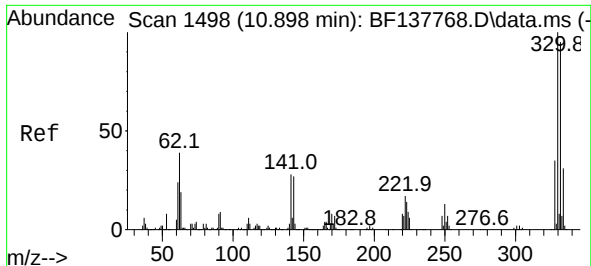
Ion Ratio Lower Upper

164 100

162 99.4 79.8 119.6

160 42.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 134.938 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.000 min

Lab File: BF137797.D

Acq: 01 May 2024 17:53

Instrument :

BNA_F

ClientSampleId :

MW-1-20240429

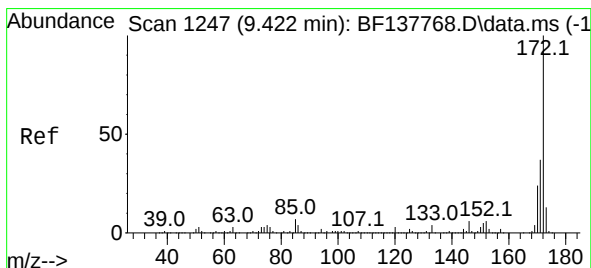
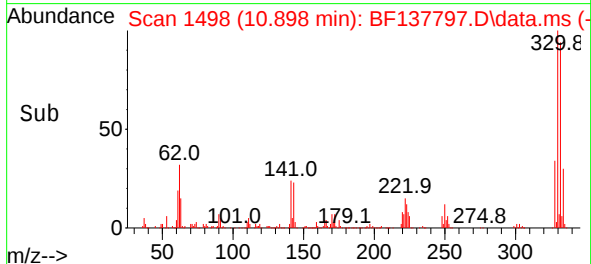
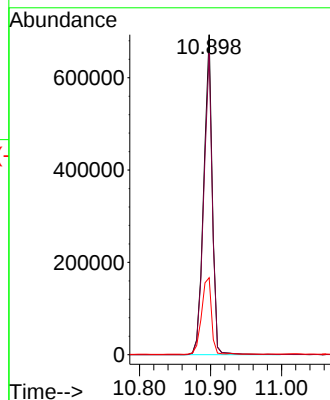
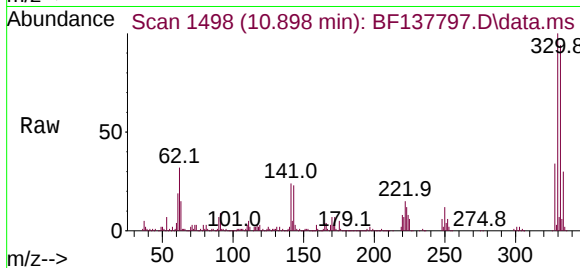
Tgt Ion:330 Resp: 579918

Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

141 27.9 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 84.745 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137797.D

Acq: 01 May 2024 17:53

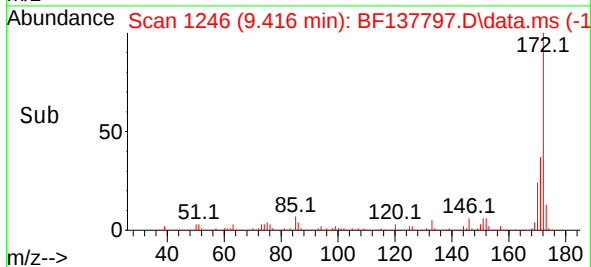
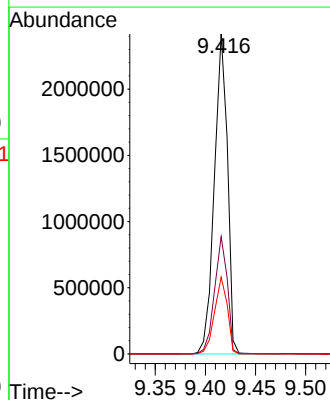
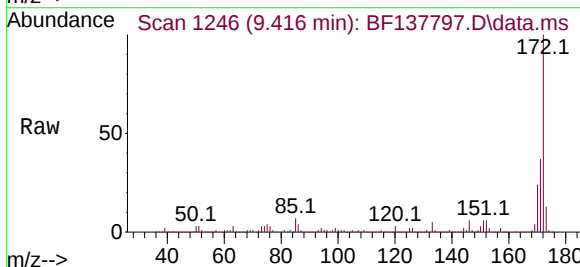
Tgt Ion:172 Resp: 2198686

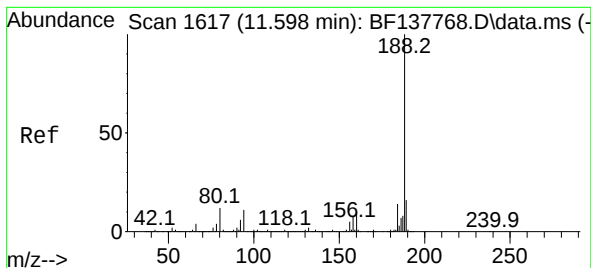
Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

170 24.0 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: BF137797.D

Acq: 01 May 2024 17:53

Instrument :

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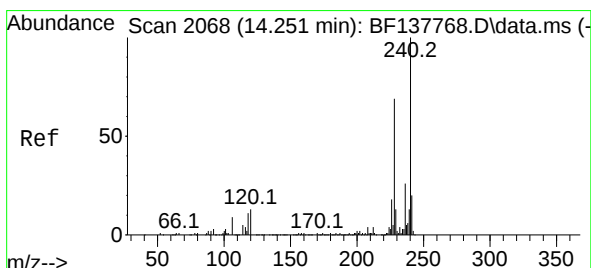
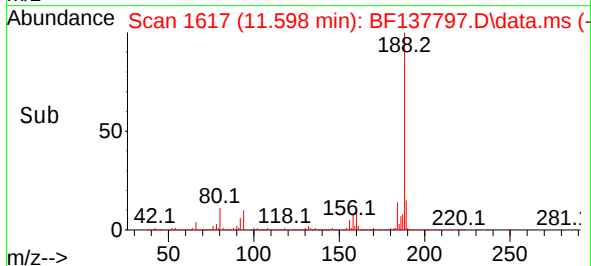
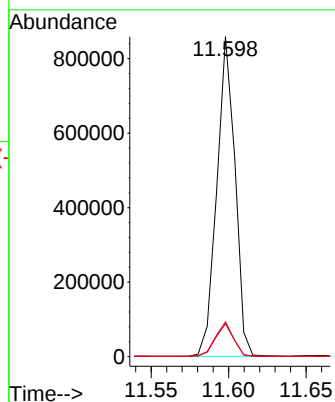
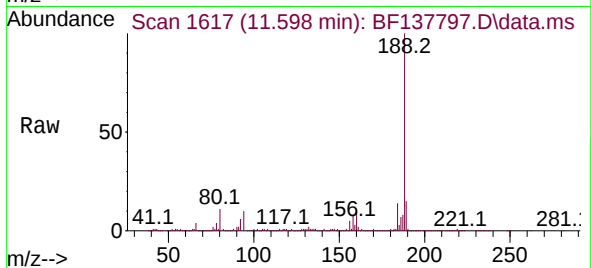
Tgt Ion:188 Resp: 701836

Ion Ratio Lower Upper

188 100

94 10.3 8.8 13.2

80 10.9 9.6 14.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BF137797.D

Acq: 01 May 2024 17:53

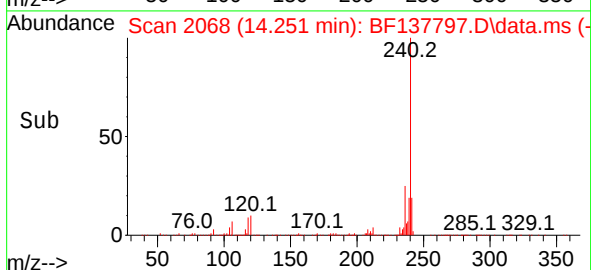
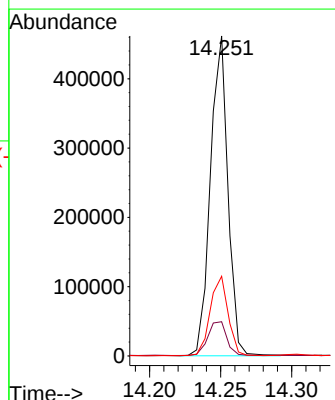
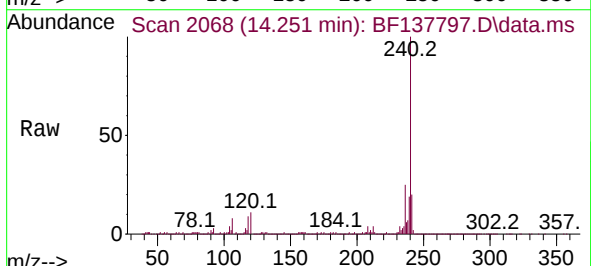
Tgt Ion:240 Resp: 395857

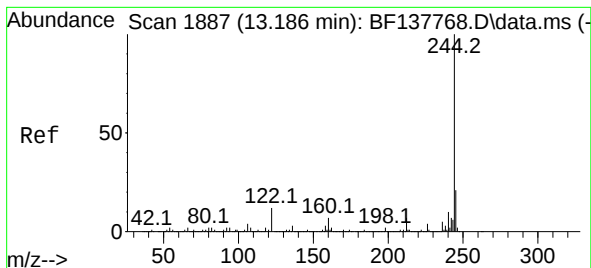
Ion Ratio Lower Upper

240 100

120 10.7 10.4 15.6

236 24.9 20.4 30.6





#79

Terphenyl-d14

Concen: 96.995 ng

RT: 13.192 min Scan# 1888

Delta R.T. 0.006 min

Lab File: BF137797.D

Acq: 01 May 2024 17:53

Instrument :

BNA_F

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MW-1-20240429

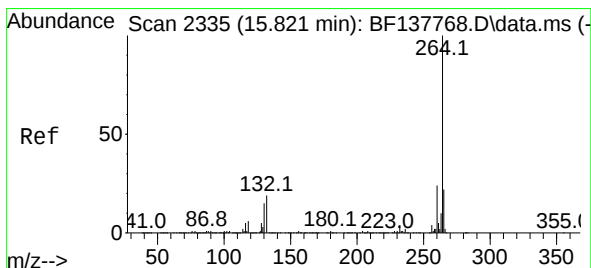
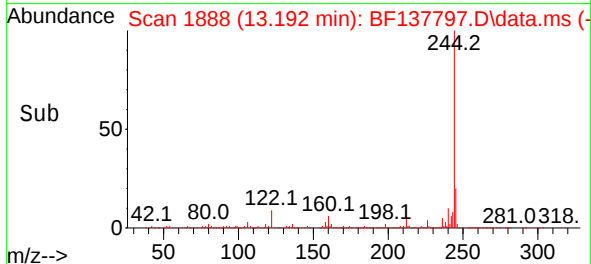
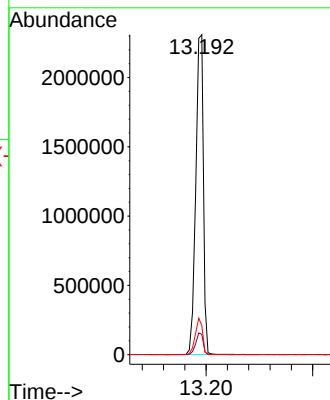
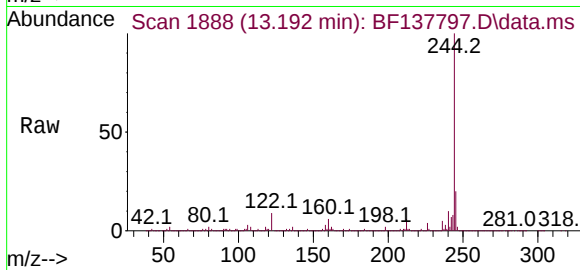
Tgt Ion:244 Resp: 2291140

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

122 9.1 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: BF137797.D

Acq: 01 May 2024 17:53

Tgt Ion:264 Resp: 420401

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.7 17.4 26.0

