

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137794.D
Acq On : 01 May 2024 16:21
Operator : CG\JU
Sample : P2306-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4-20240429-A

Quant Time: May 01 17:15:56 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	200709	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	801674	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	452334	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	779265	20.000	ng	0.00
76) Chrysene-d12	14.251	240	495748	20.000	ng	0.00
86) Perylene-d12	15.821	264	457630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	849585	70.871	ng	0.00
7) Phenol-d6	6.663	99	674085	44.332	ng	-0.01
23) Nitrobenzene-d5	7.622	82	1252135	90.744	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	658012	142.475	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2383637	85.493	ng	0.00
79) Terphenyl-d14	13.192	244	2805157	94.827	ng	0.00

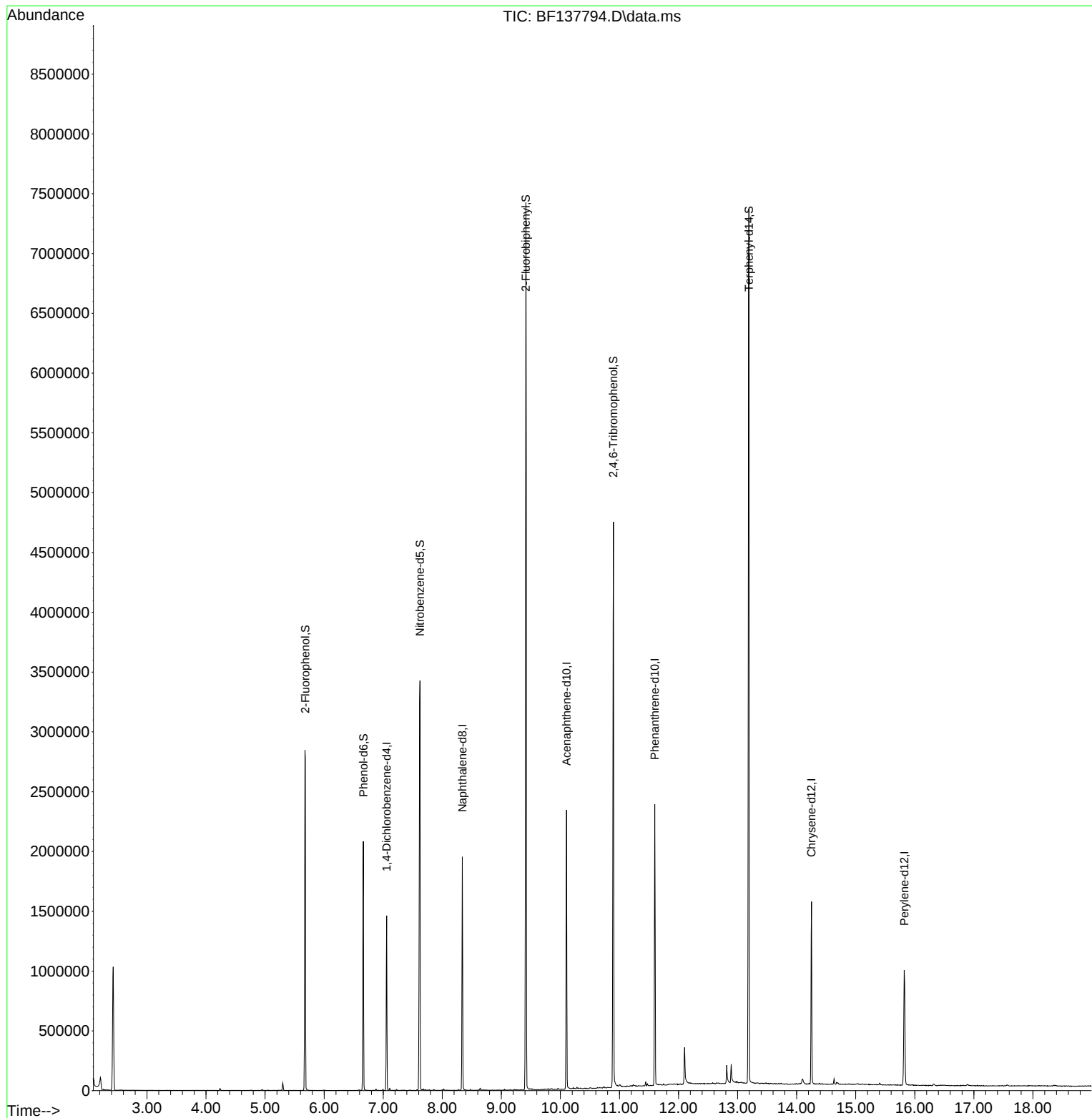
Target Compounds	Qvalue
------------------	--------

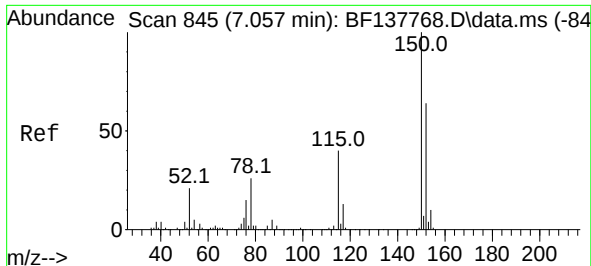
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137794.D
Acq On : 01 May 2024 16:21
Operator : CG\JU
Sample : P2306-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4-20240429-A

Quant Time: May 01 17:15:56 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

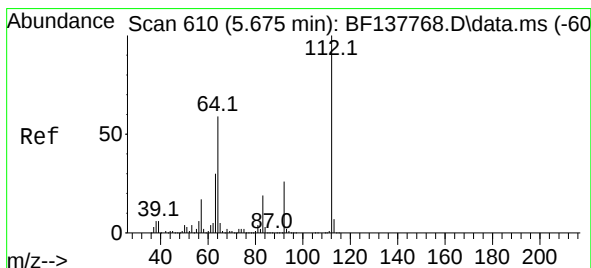
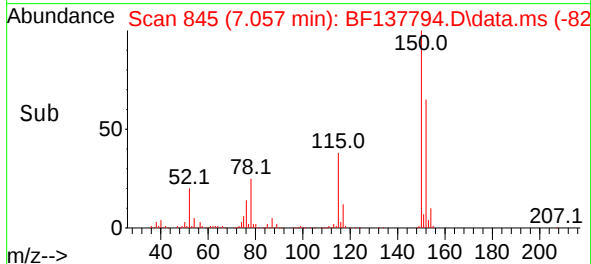
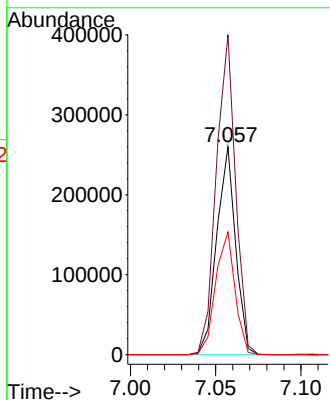
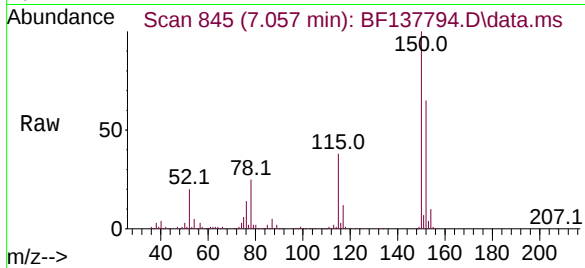




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF137794.D
Acq: 01 May 2024 16:21

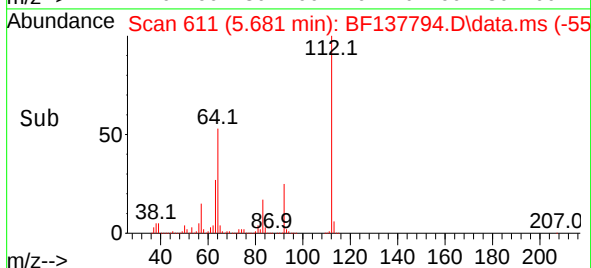
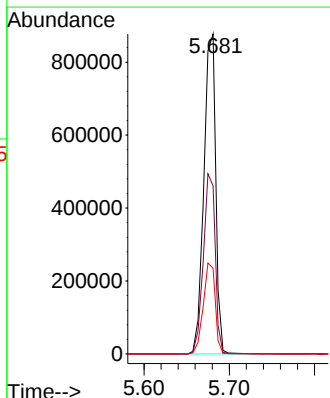
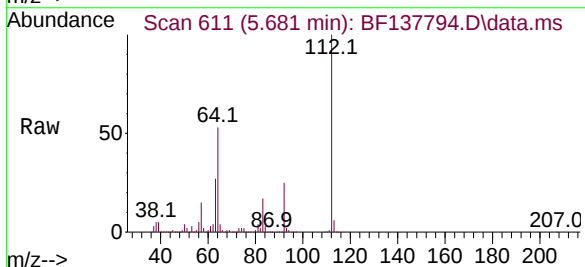
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429-A

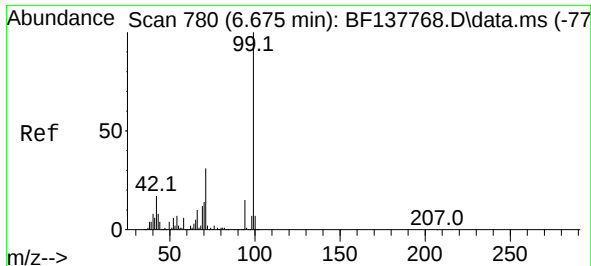
Tgt Ion:152 Resp: 200709
Ion Ratio Lower Upper
152 100
150 153.8 124.1 186.1
115 59.0 49.1 73.7



#5
2-Fluorophenol
Concen: 70.871 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137794.D
Acq: 01 May 2024 16:21

Tgt Ion:112 Resp: 849585
Ion Ratio Lower Upper
112 100
64 52.6 47.3 70.9
63 26.8 23.7 35.5

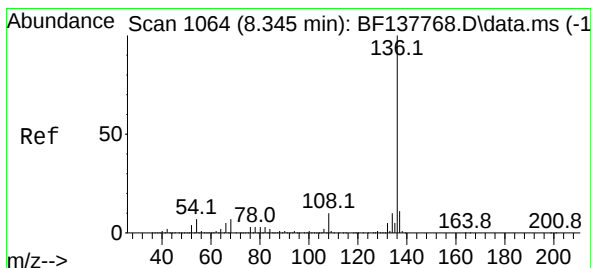
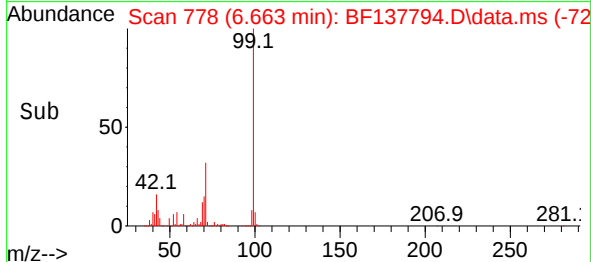
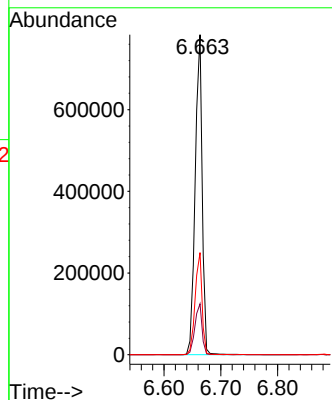
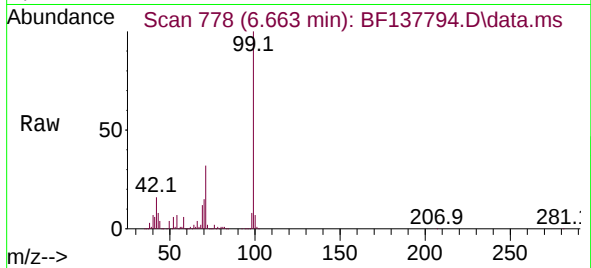




#7
Phenol-d6
Concen: 44.332 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137794.D
Acq: 01 May 2024 16:21

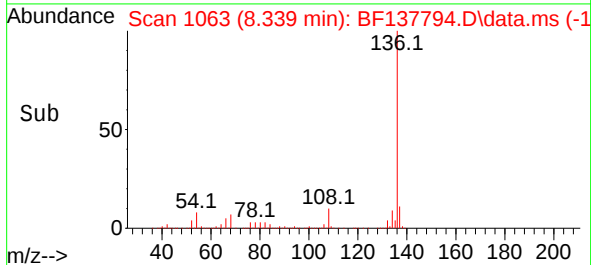
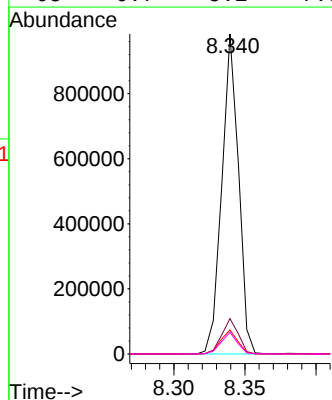
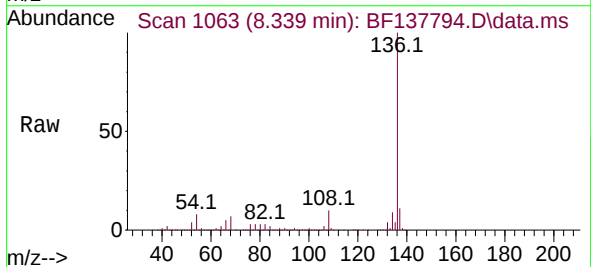
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429-A

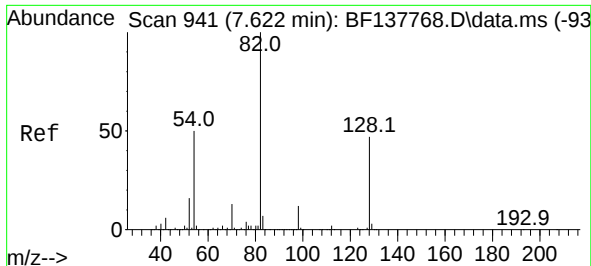
Tgt Ion: 99 Resp: 674085
Ion Ratio Lower Upper
99 100
42 15.9 13.2 19.8
71 31.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137794.D
Acq: 01 May 2024 16:21

Tgt Ion: 136 Resp: 801674
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 5.8 8.8
68 6.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 90.744 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF137794.D

Acq: 01 May 2024 16:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429-A

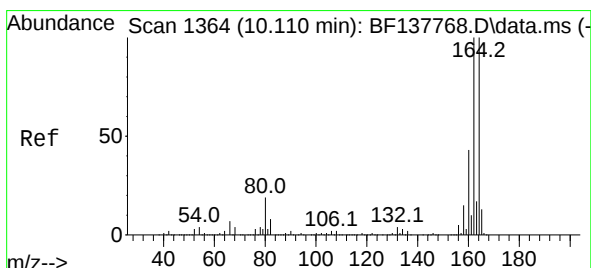
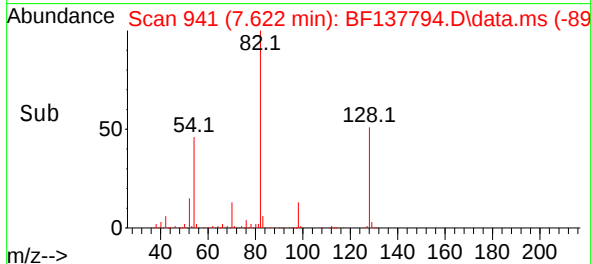
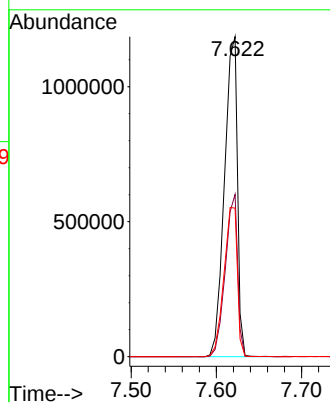
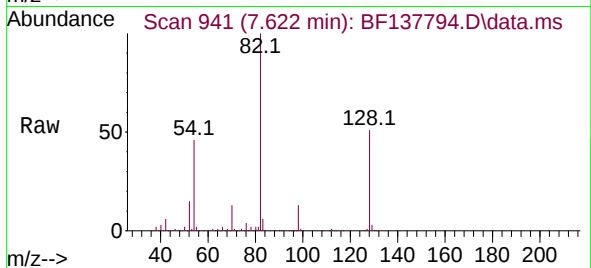
Tgt Ion: 82 Resp: 1252135

Ion Ratio Lower Upper

82 100

128 50.7 37.5 56.3

54 46.5 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: BF137794.D

Acq: 01 May 2024 16:21

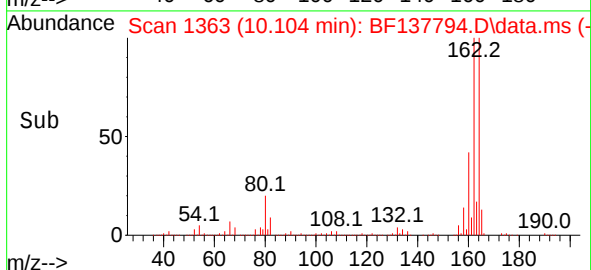
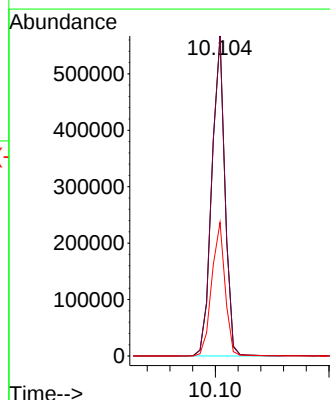
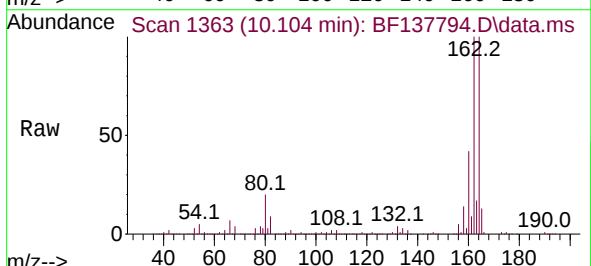
Tgt Ion:164 Resp: 452334

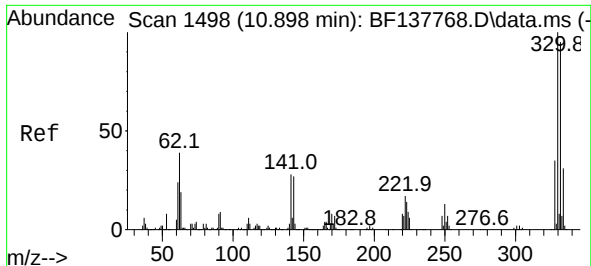
Ion Ratio Lower Upper

164 100

162 99.8 79.8 119.6

160 41.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 142.475 ng

RT: 10.898 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BF137794.D

Acq: 01 May 2024 16:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429-A

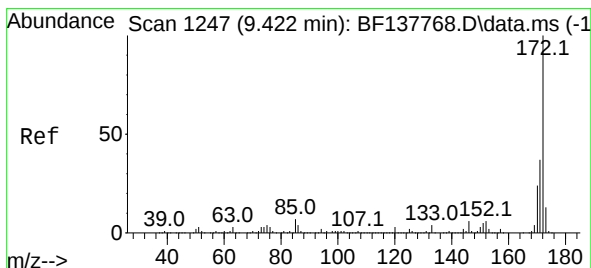
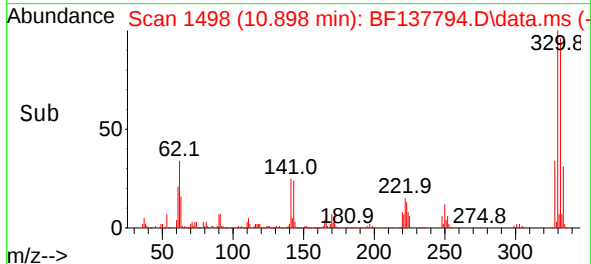
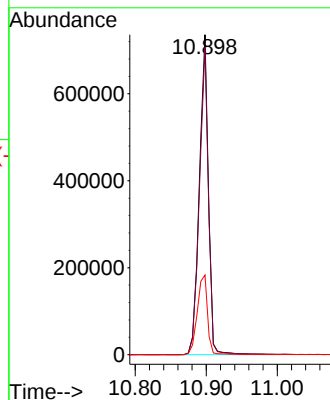
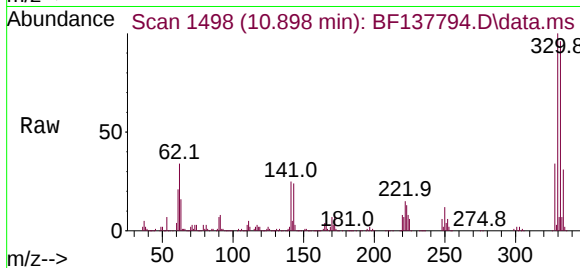
Tgt Ion:330 Resp: 658012

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 28.1 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 85.493 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137794.D

Acq: 01 May 2024 16:21

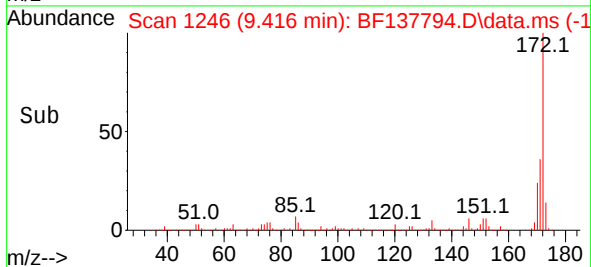
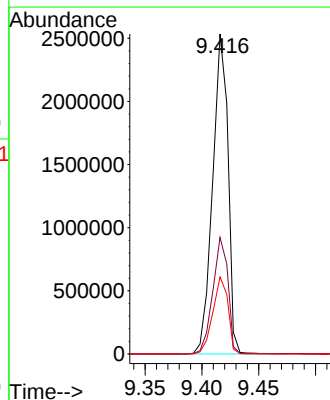
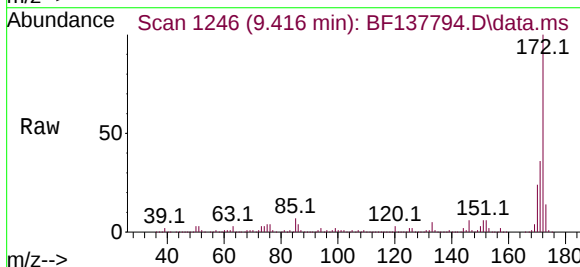
Tgt Ion:172 Resp: 2383637

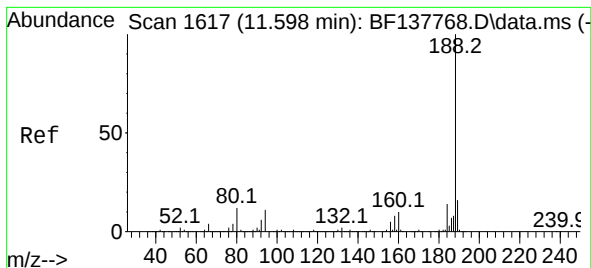
Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 24.1 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: BF137794.D

Acq: 01 May 2024 16:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429-A

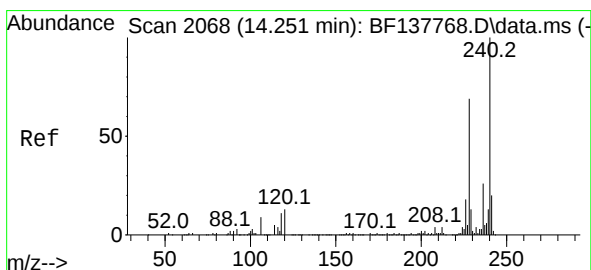
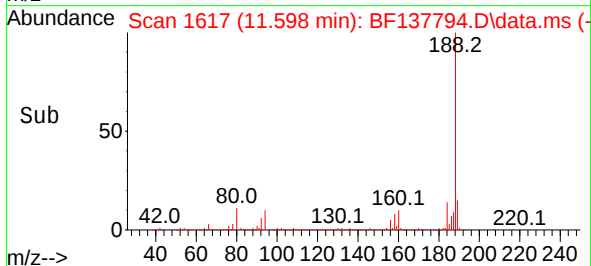
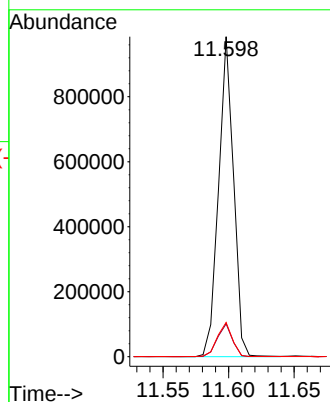
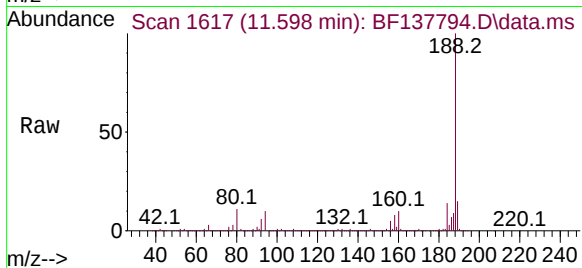
Tgt Ion:188 Resp: 779265

Ion Ratio Lower Upper

188 100

94 10.3 8.8 13.2

80 10.7 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: BF137794.D

Acq: 01 May 2024 16:21

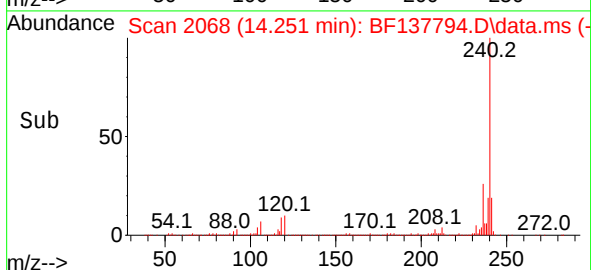
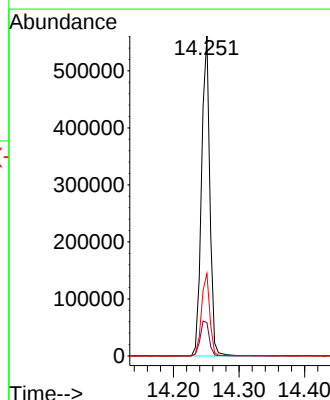
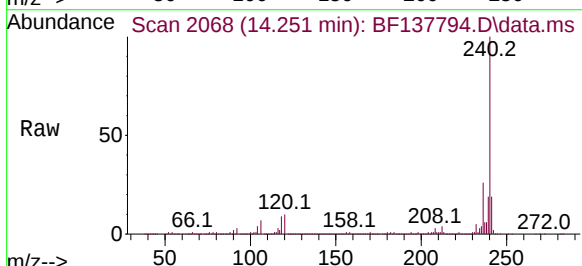
Tgt Ion:240 Resp: 495748

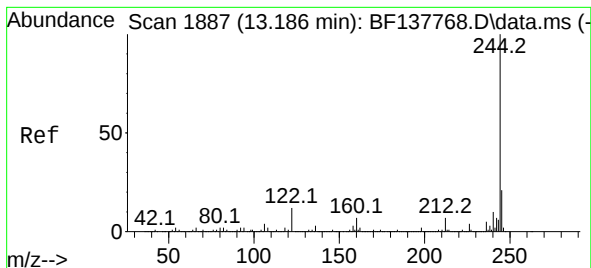
Ion Ratio Lower Upper

240 100

120 10.4 10.4 15.6

236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 94.827 ng

RT: 13.192 min Scan# 1888

Delta R.T. 0.006 min

Lab File: BF137794.D

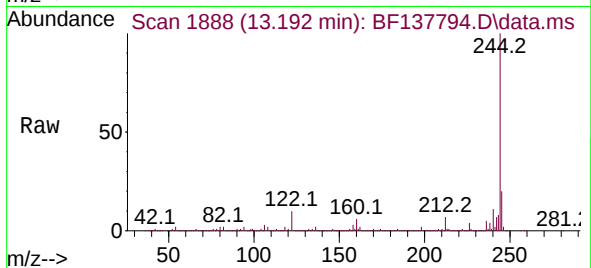
Acq: 01 May 2024 16:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429-A



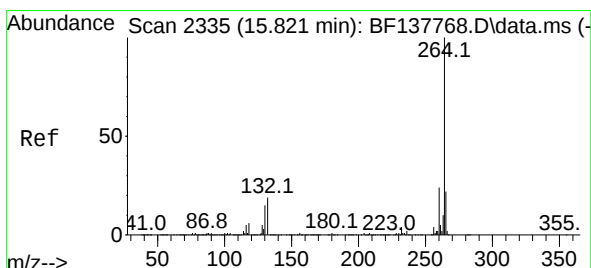
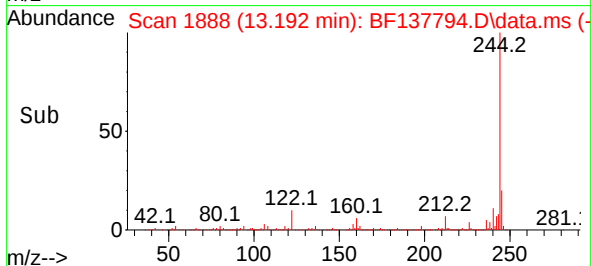
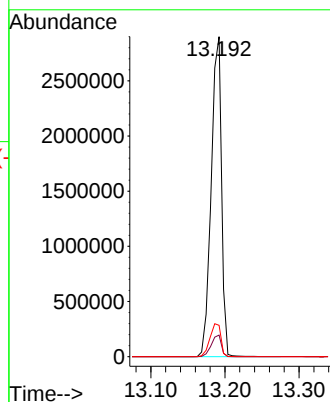
Tgt Ion:244 Resp: 2805157

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 9.8 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: BF137794.D

Acq: 01 May 2024 16:21

Tgt Ion:264 Resp: 457630

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 22.2 17.4 26.0

