

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137791.D
Acq On : 01 May 2024 14:51
Operator : CG\JU
Sample : P2306-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4-20240429

Quant Time: May 01 15:22:16 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	232397	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	941515	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	542453	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	908628	20.000	ng	0.00
76) Chrysene-d12	14.251	240	534435	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	488825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	948512	68.335	ng	0.00
7) Phenol-d6	6.663	99	762940	43.334	ng	-0.01
23) Nitrobenzene-d5	7.622	82	1419902	87.618	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	732058	132.174	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2749128	82.221	ng	0.00
79) Terphenyl-d14	13.192	244	3009900	94.383	ng	0.00

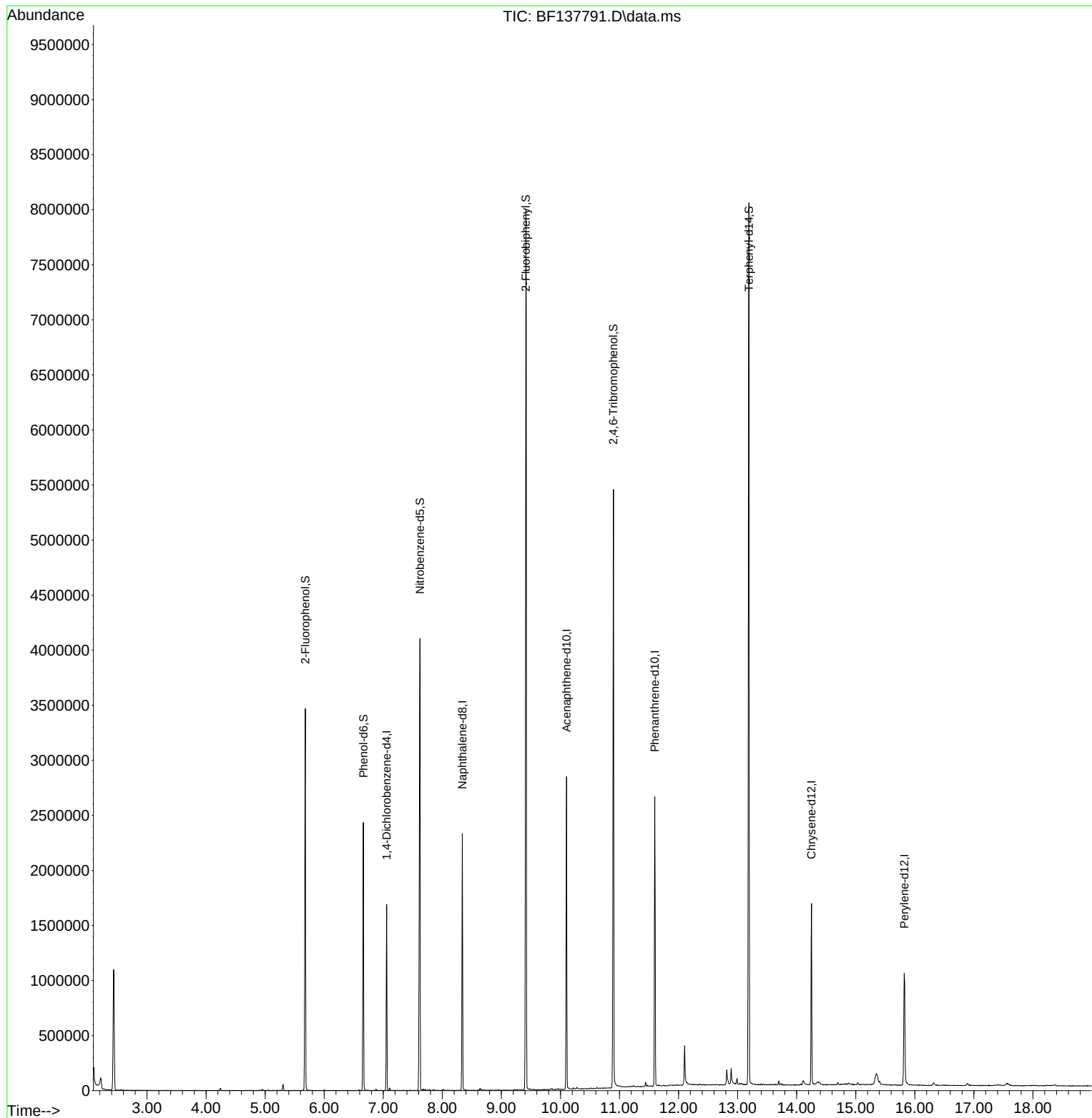
Target Compounds	Qvalue

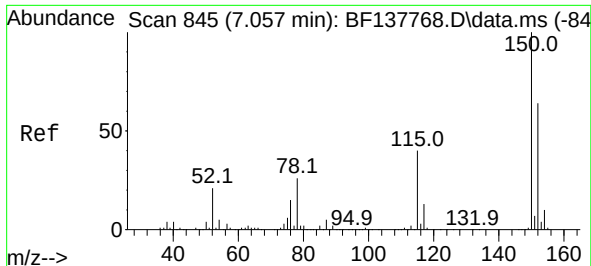
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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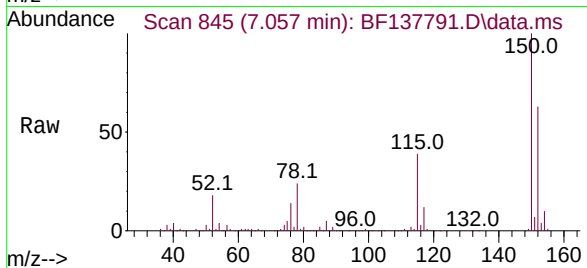
Quant Time: May 01 15:22:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



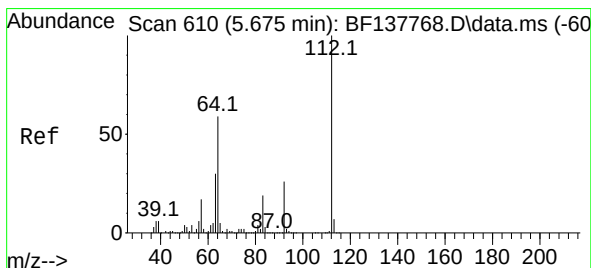
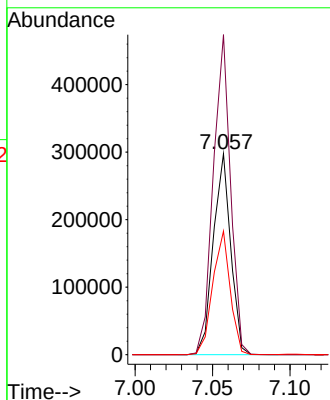
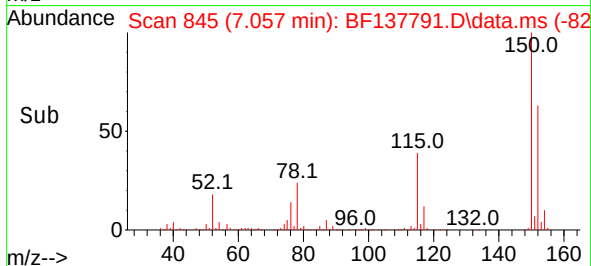


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF137791.D
Acq: 01 May 2024 14:51

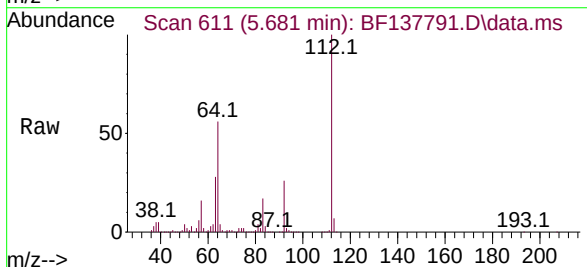
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429



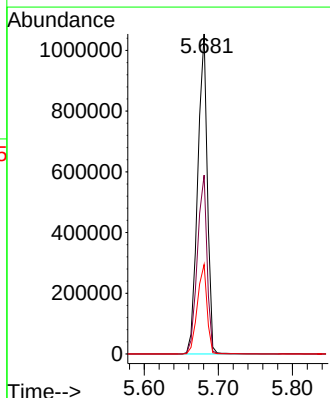
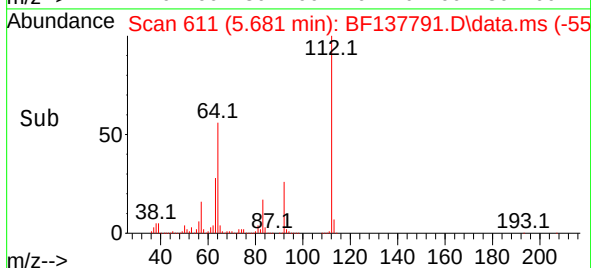
Tgt Ion:152 Resp: 232397
Ion Ratio Lower Upper
152 100
150 159.3 124.1 186.1
115 61.5 49.1 73.7

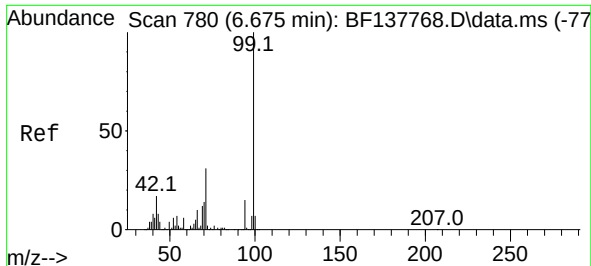


#5
2-Fluorophenol
Concen: 68.335 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137791.D
Acq: 01 May 2024 14:51



Tgt Ion:112 Resp: 948512
Ion Ratio Lower Upper
112 100
64 55.9 47.3 70.9
63 27.9 23.7 35.5

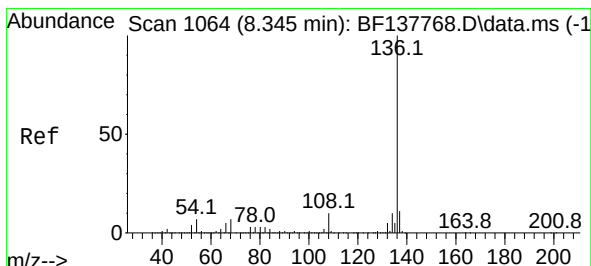
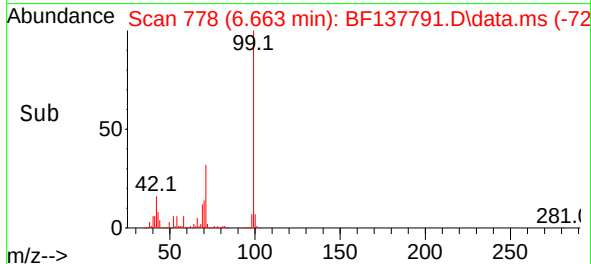
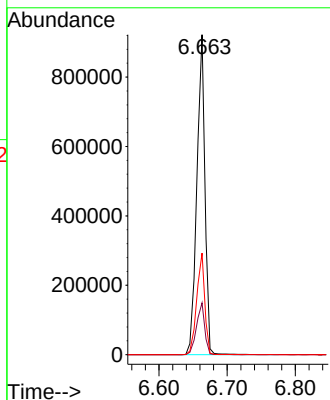
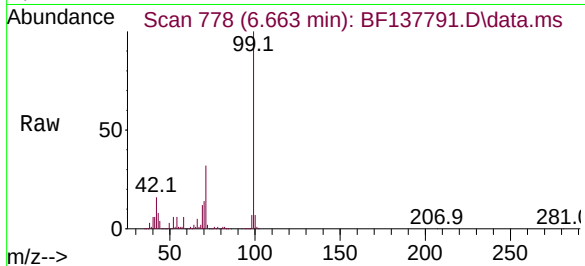




#7
Phenol-d6
Concen: 43.334 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137791.D
Acq: 01 May 2024 14:51

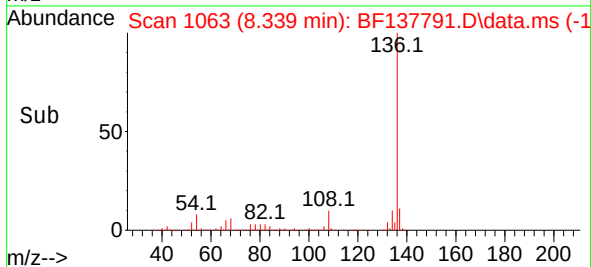
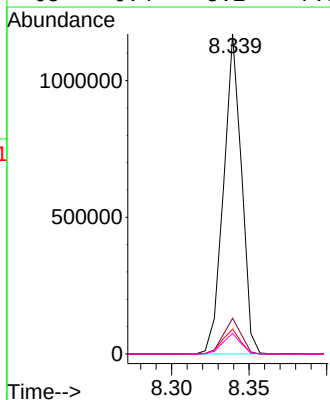
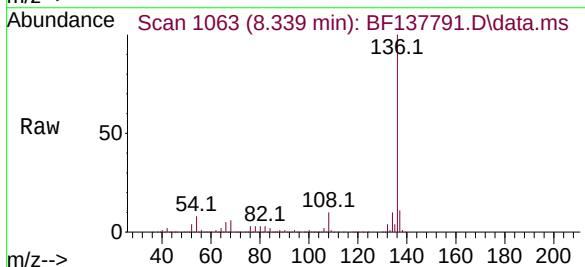
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429

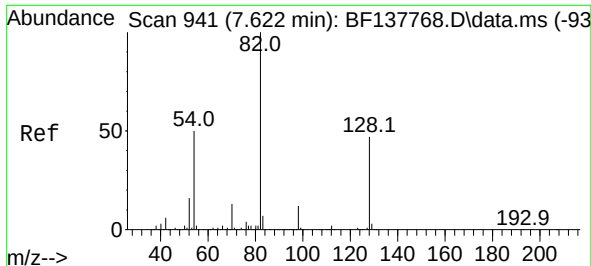
Tgt Ion: 99 Resp: 762940
Ion Ratio Lower Upper
99 100
42 16.2 13.2 19.8
71 31.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137791.D
Acq: 01 May 2024 14:51

Tgt Ion: 136 Resp: 941515
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.8 5.8 8.8
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 87.618 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.000 min

Lab File: BF137791.D

Acq: 01 May 2024 14:51

Instrument :

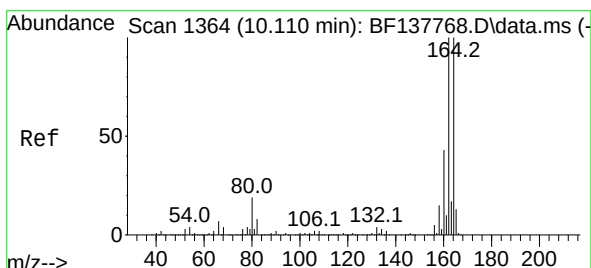
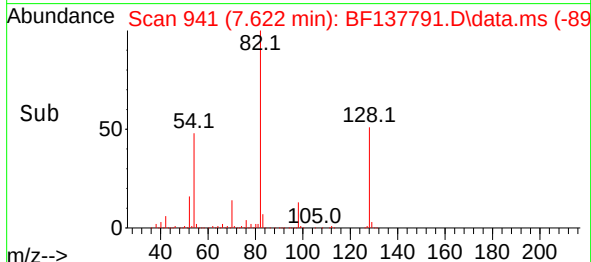
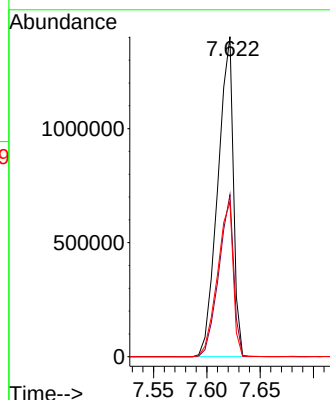
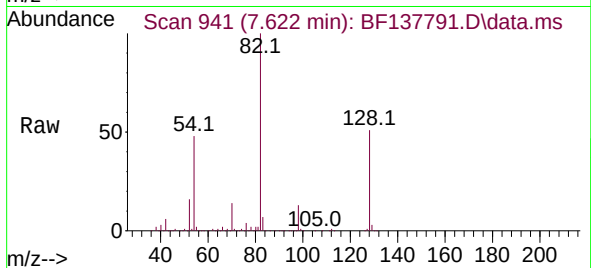
BNA_F

ClientSampleId :

MW-4-20240429

Tgt Ion: 82 Resp: 1419902

Ion	Ratio	Lower	Upper
82	100		
128	50.6	37.5	56.3
54	48.3	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

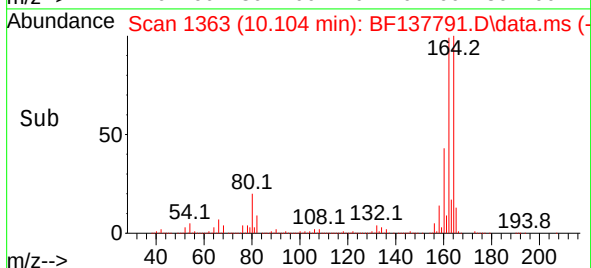
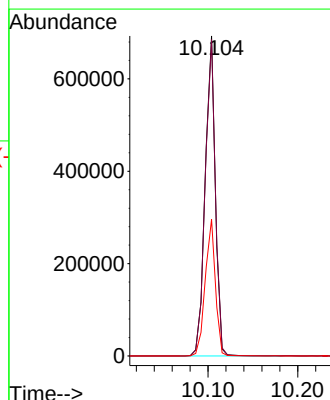
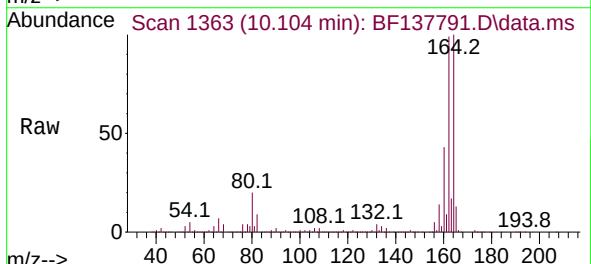
Delta R.T. -0.006 min

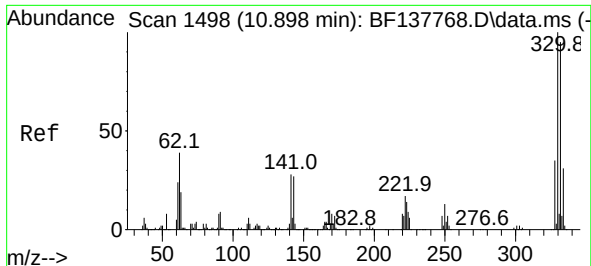
Lab File: BF137791.D

Acq: 01 May 2024 14:51

Tgt Ion: 164 Resp: 542453

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.8	119.6
160	42.7	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 132.174 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.000 min

Lab File: BF137791.D

Acq: 01 May 2024 14:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429

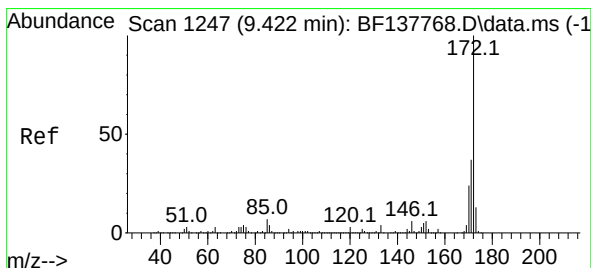
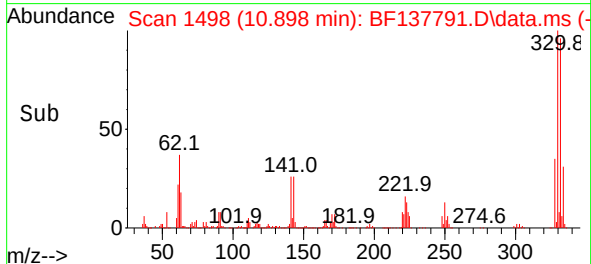
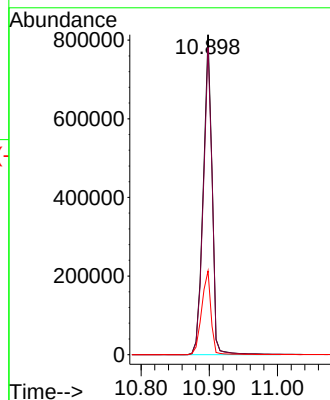
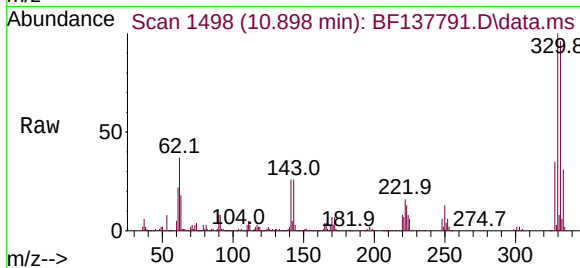
Tgt Ion:330 Resp: 732058

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 27.8 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 82.221 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137791.D

Acq: 01 May 2024 14:51

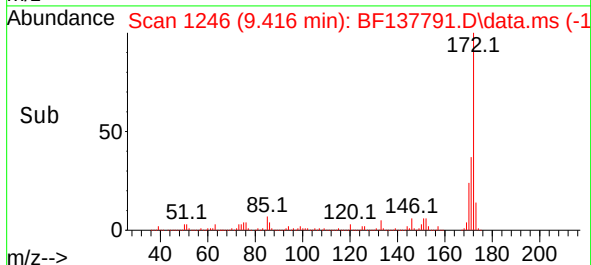
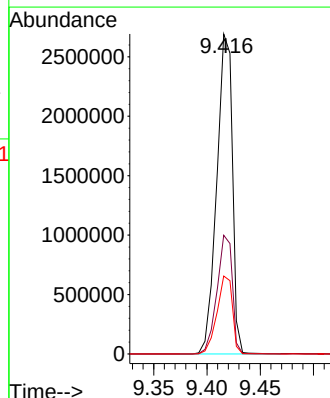
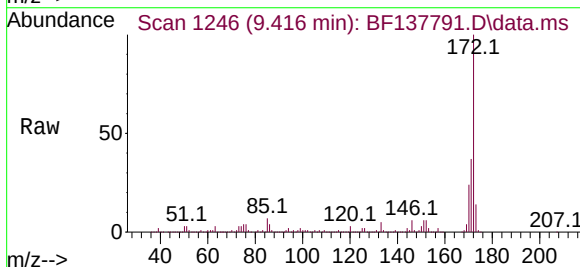
Tgt Ion:172 Resp: 2749128

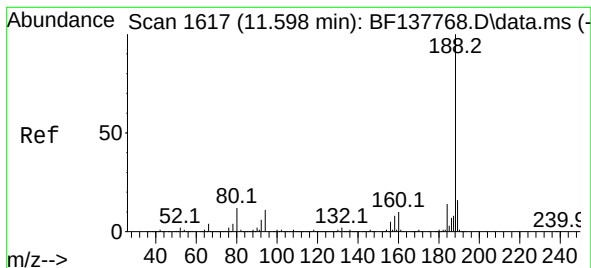
Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

170 24.3 19.4 29.2

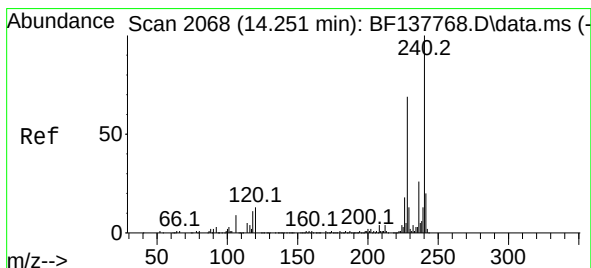
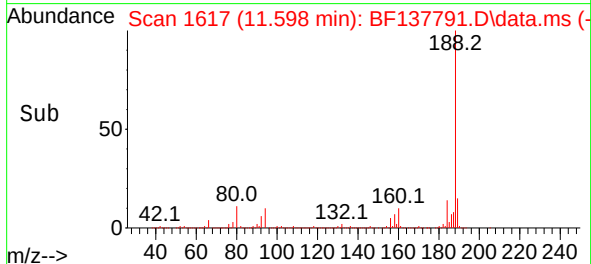
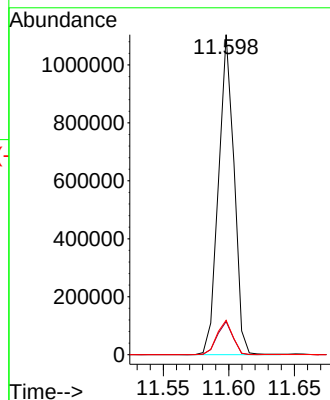
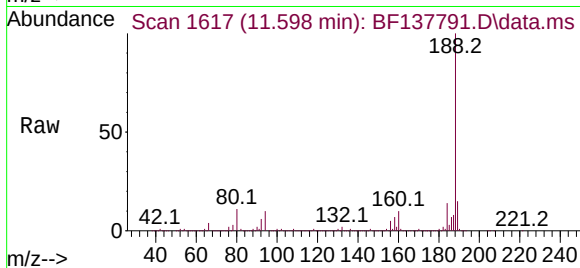




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF137791.D
Acq: 01 May 2024 14:51

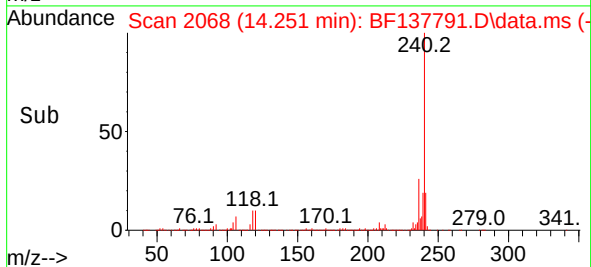
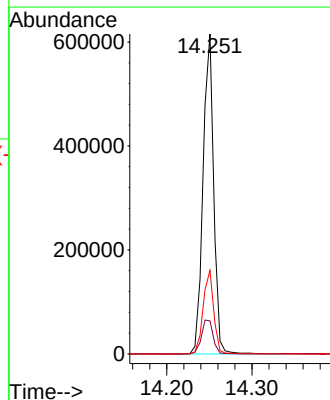
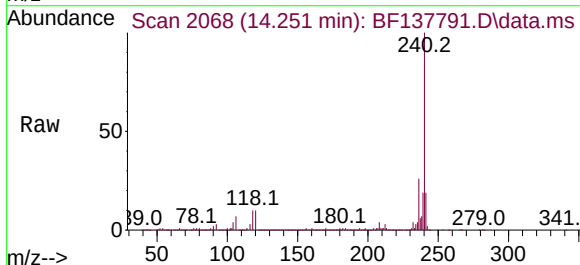
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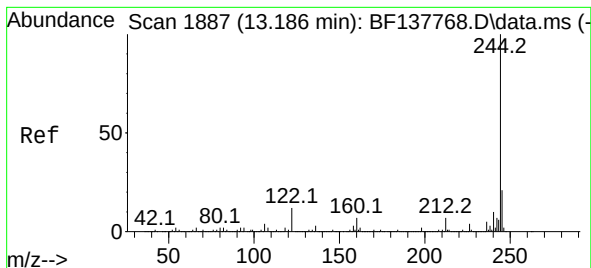
Tgt Ion:188 Resp: 908628
Ion Ratio Lower Upper
188 100
94 10.3 8.8 13.2
80 10.8 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BF137791.D
Acq: 01 May 2024 14:51

Tgt Ion:240 Resp: 534435
Ion Ratio Lower Upper
240 100
120 10.4 10.4 15.6#
236 26.1 20.4 30.6





#79

Terphenyl-d14

Concen: 94.383 ng

RT: 13.192 min Scan# 1888

Delta R.T. 0.006 min

Lab File: BF137791.D

Acq: 01 May 2024 14:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429

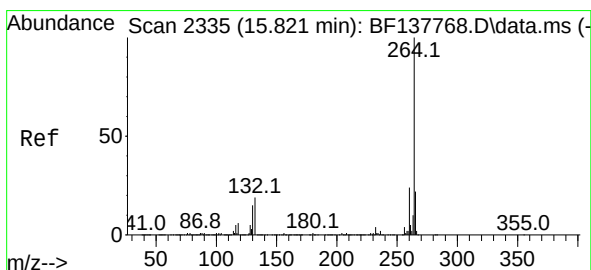
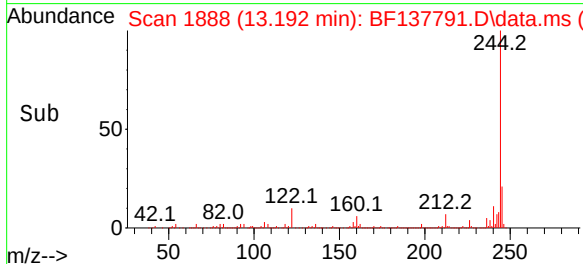
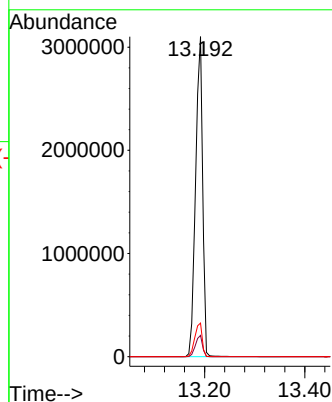
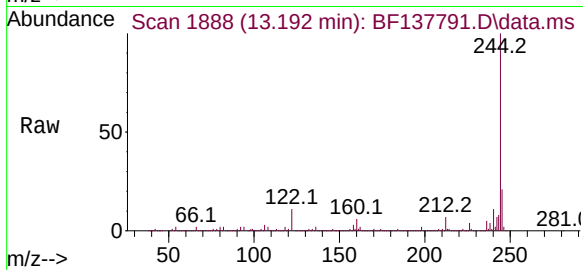
Tgt Ion:244 Resp: 3009900

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 10.5 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: BF137791.D

Acq: 01 May 2024 14:51

Tgt Ion:264 Resp: 488825

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 22.3 17.4 26.0

