

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130793.D
 Acq On : 26 Oct 2022 20:39
 Operator : CG\JU
 Sample : N5281-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5D

Quant Time: Oct 27 09:06:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 08:55:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	130657	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	541360	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	291502	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	502314	20.000	ng	# 0.00
76) Chrysene-d12	13.710	240	298745	20.000	ng	# 0.00
86) Perylene-d12	15.098	264	232375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	768226	101.390	ng	0.00
7) Phenol-d6	6.222	99	989717	107.960	ng	0.00
23) Nitrobenzene-d5	7.139	82	591774	57.988	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	238873	86.168	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	1122711	58.694	ng	0.00
79) Terphenyl-d14	12.657	244	1164610	65.694	ng	0.00

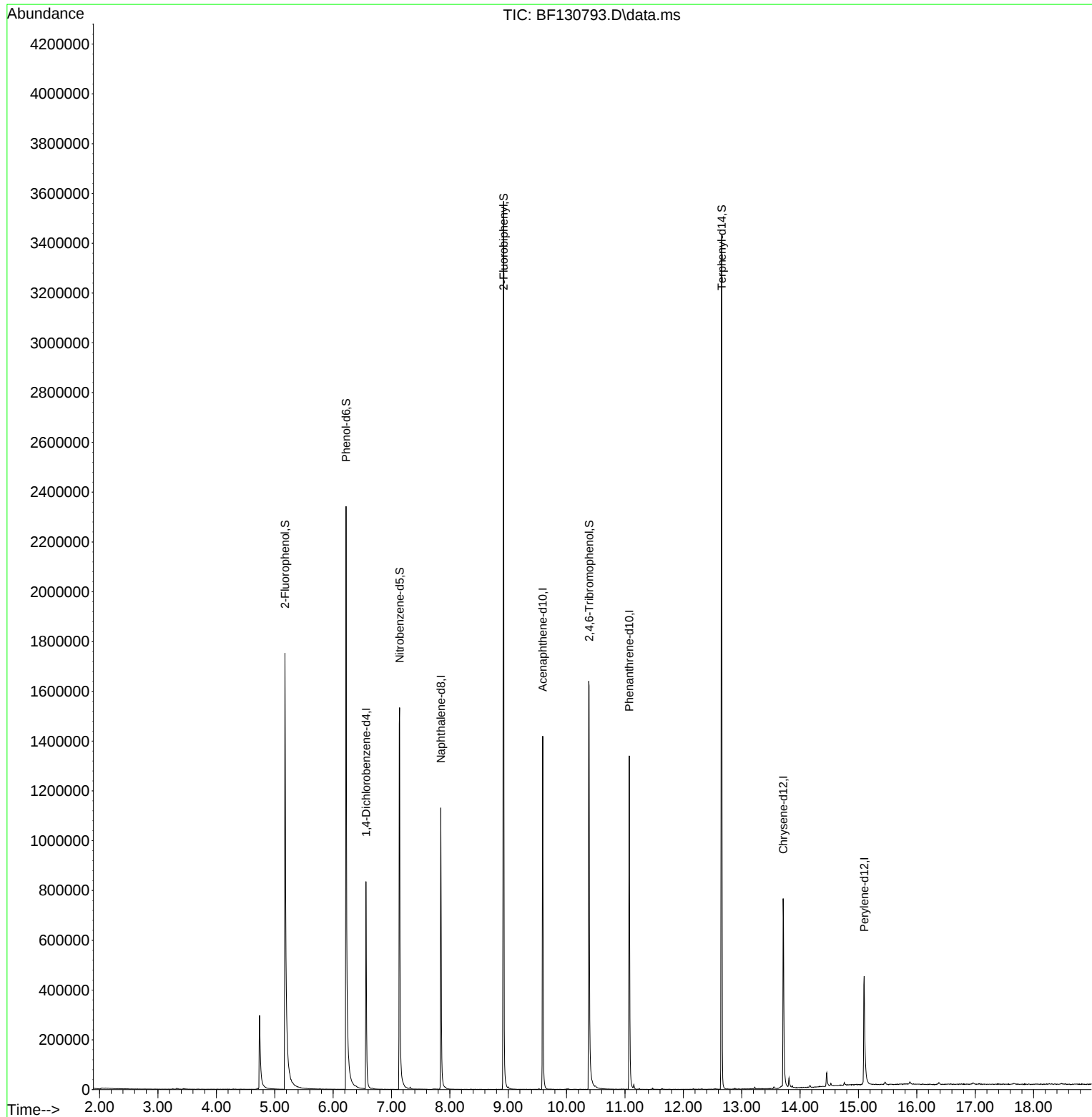
Target Compounds Qvalue

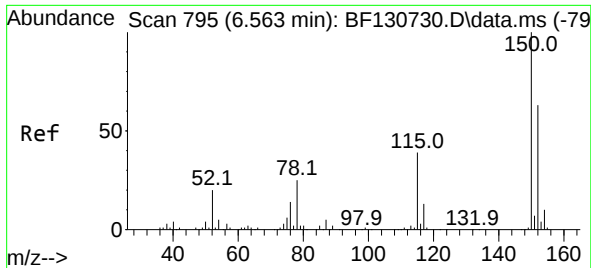
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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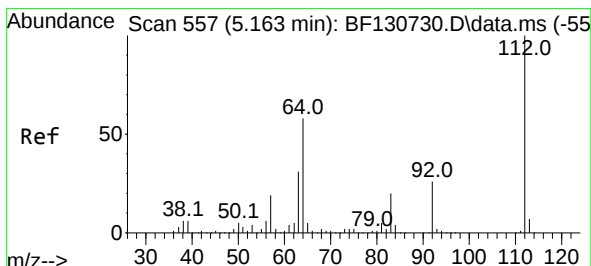
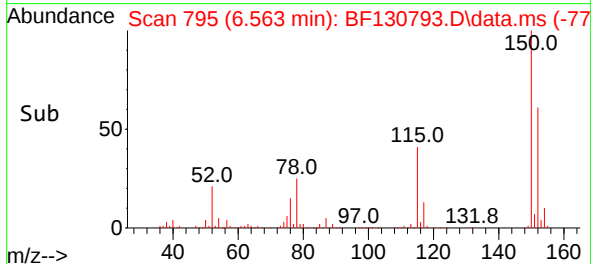
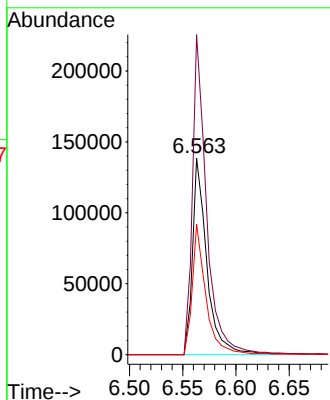
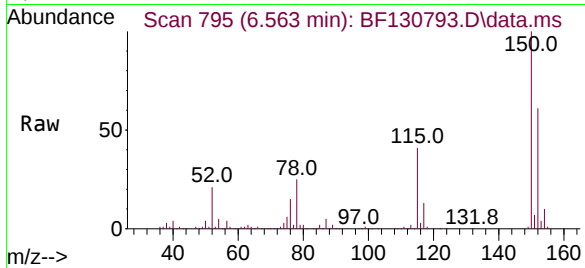




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.563 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF130793.D
 Acq: 26 Oct 2022 20:39

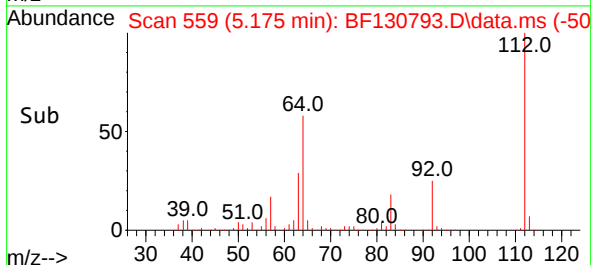
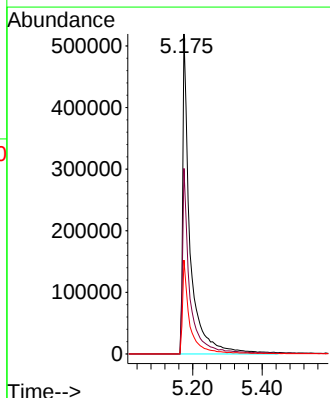
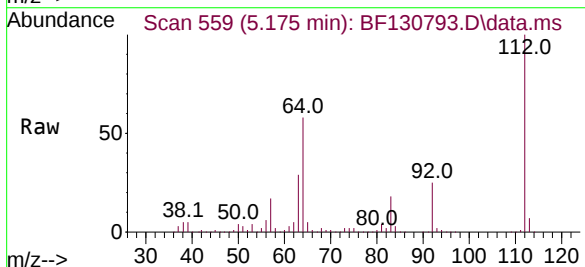
Instrument :
 BNA_F
 ClientSampleId :
 SB-5D

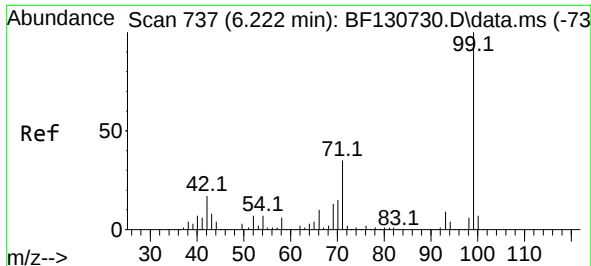
Tgt Ion:152 Resp: 130657
 Ion Ratio Lower Upper
 152 100
 150 162.9 127.0 190.6
 115 66.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 101.390 ng
 RT: 5.175 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: BF130793.D
 Acq: 26 Oct 2022 20:39

Tgt Ion:112 Resp: 768226
 Ion Ratio Lower Upper
 112 100
 64 58.0 46.2 69.4
 63 29.3 25.1 37.7

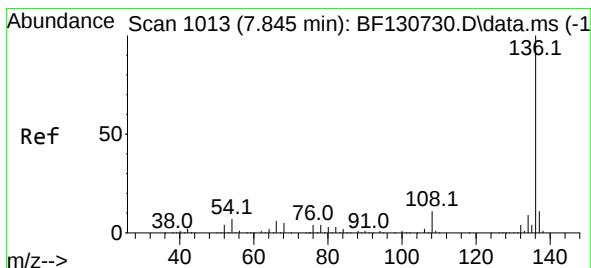
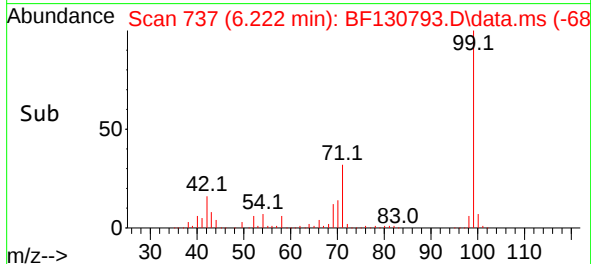
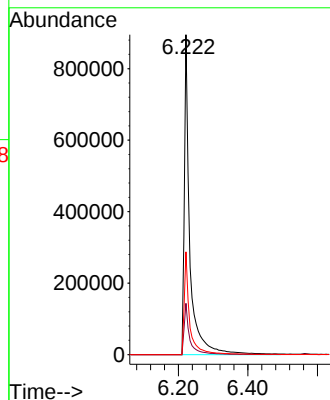
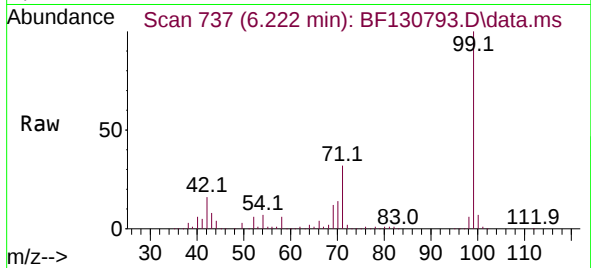




#7
Phenol-d6
Concen: 107.960 ng
RT: 6.222 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

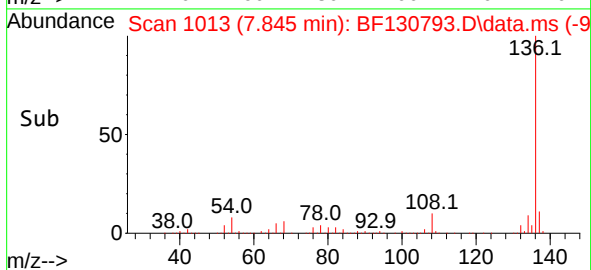
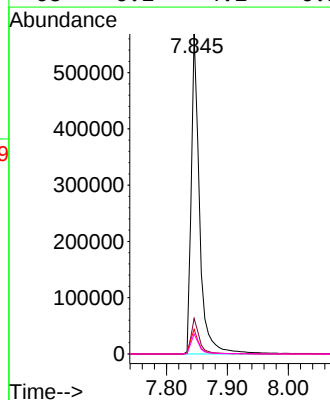
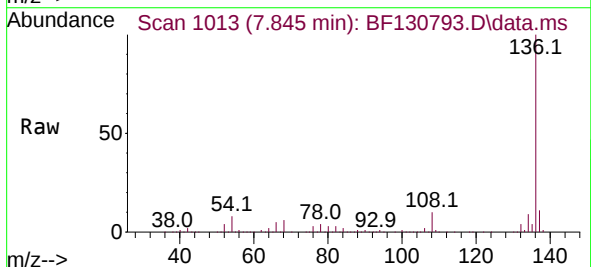
Instrument :
BNA_F
ClientSampleId :
SB-5D

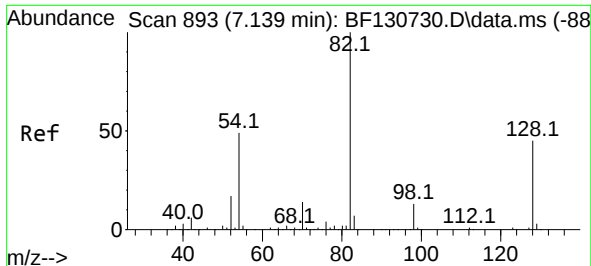
Tgt Ion: 99 Resp: 989717
Ion Ratio Lower Upper
99 100
42 16.0 13.8 20.8
71 32.1 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

Tgt Ion:136 Resp: 541360
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.7 5.8 8.8
68 6.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 57.988 ng

RT: 7.139 min Scan# 893

Delta R.T. -0.000 min

Lab File: BF130793.D

Acq: 26 Oct 2022 20:39

Instrument :

BNA_F

ClientSampleId :

SB-5D

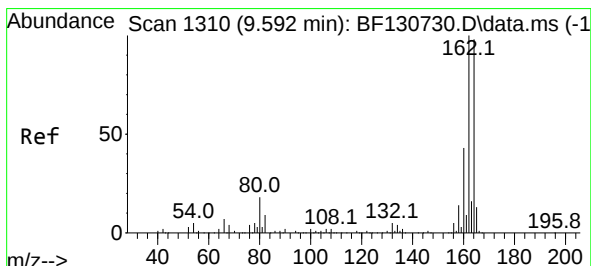
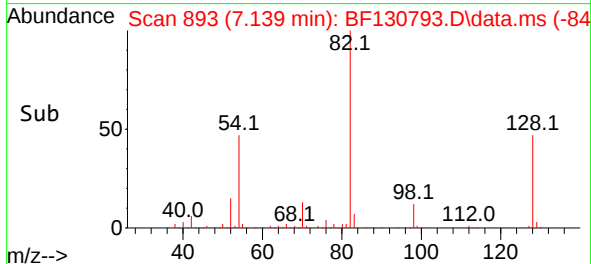
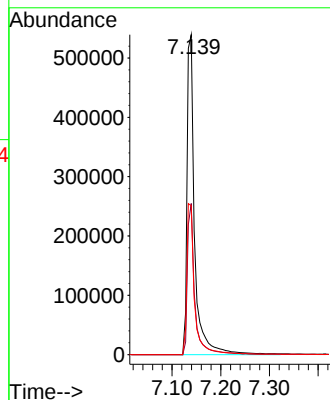
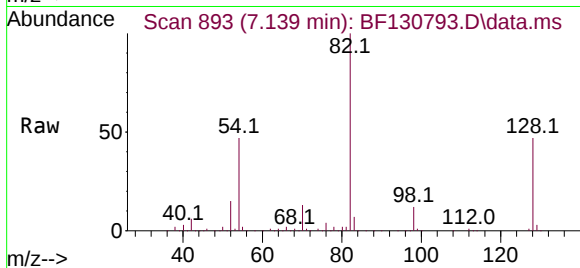
Tgt Ion: 82 Resp: 591774

Ion Ratio Lower Upper

82 100

128 47.2 35.9 53.9

54 46.5 39.2 58.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.592 min Scan# 1310

Delta R.T. -0.000 min

Lab File: BF130793.D

Acq: 26 Oct 2022 20:39

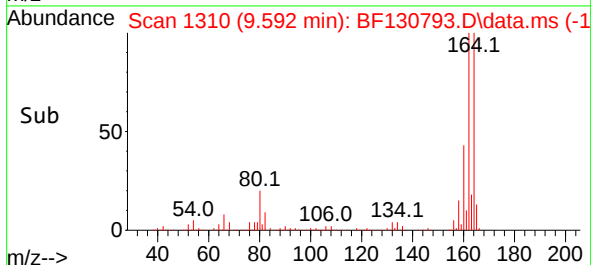
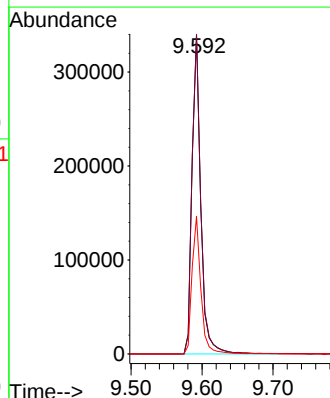
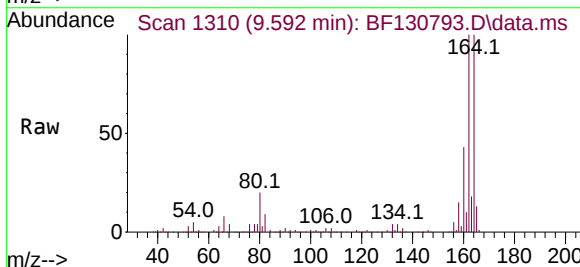
Tgt Ion:164 Resp: 291502

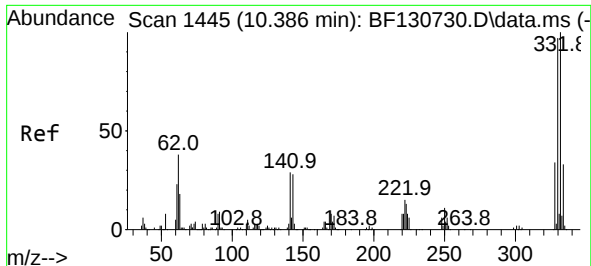
Ion Ratio Lower Upper

164 100

162 100.2 81.4 122.0

160 43.0 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 86.168 ng

RT: 10.386 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF130793.D

Acq: 26 Oct 2022 20:39

Instrument :

BNA_F

ClientSampleId :

SB-5D

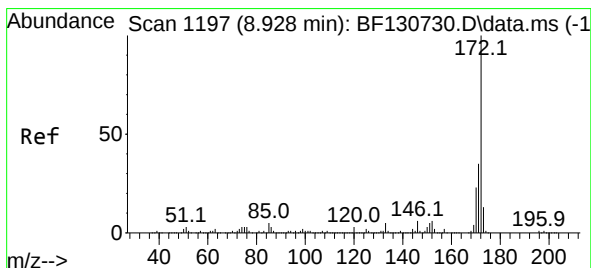
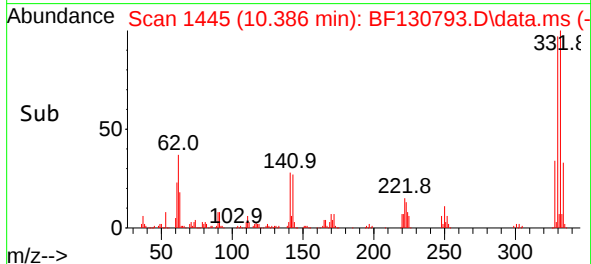
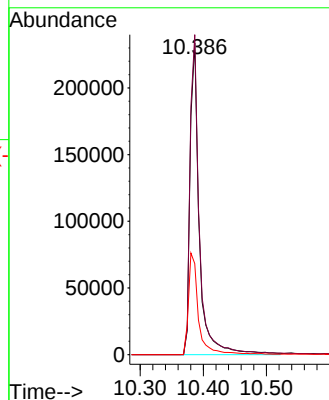
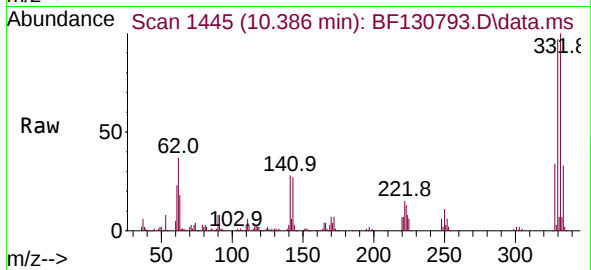
Tgt Ion:330 Resp: 238873

Ion Ratio Lower Upper

330 100

332 104.1 81.4 122.2

141 35.2 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 58.694 ng

RT: 8.922 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF130793.D

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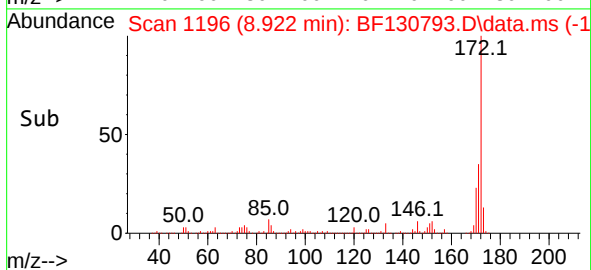
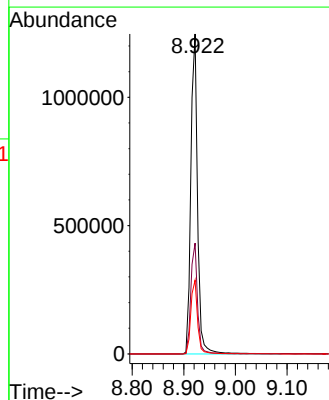
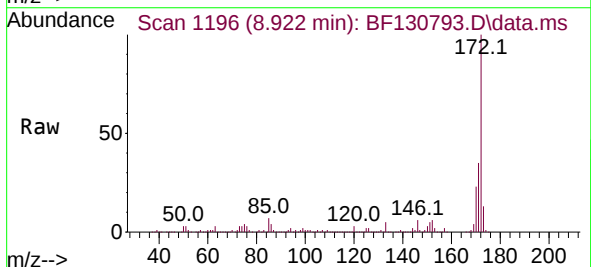
Tgt Ion:172 Resp: 1122711

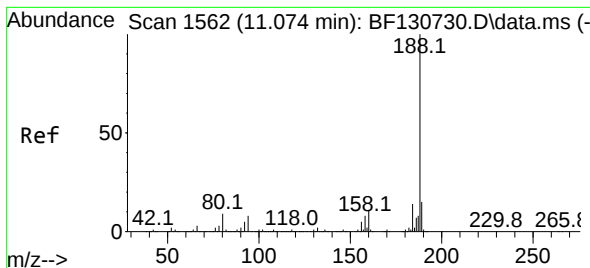
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.0 18.5 27.7

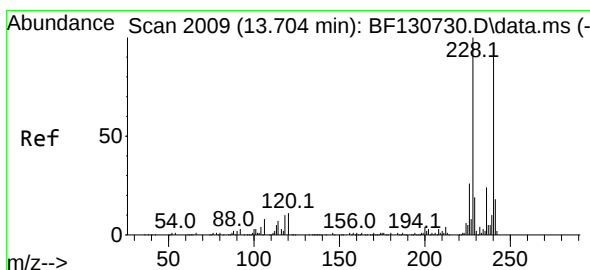
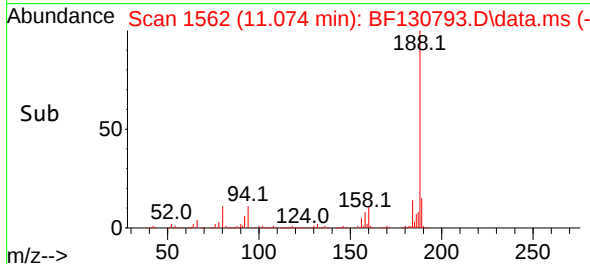
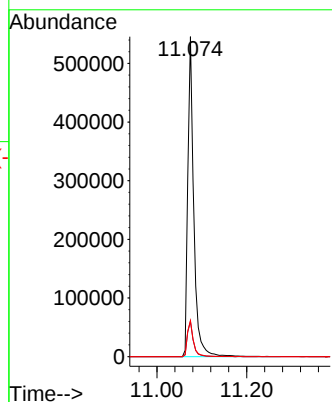
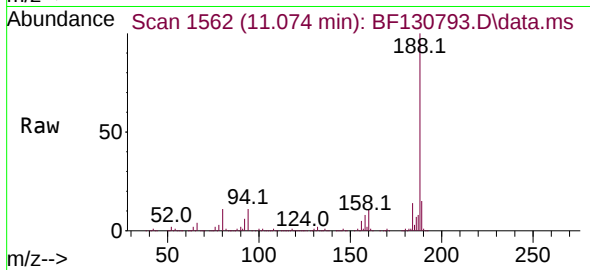




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

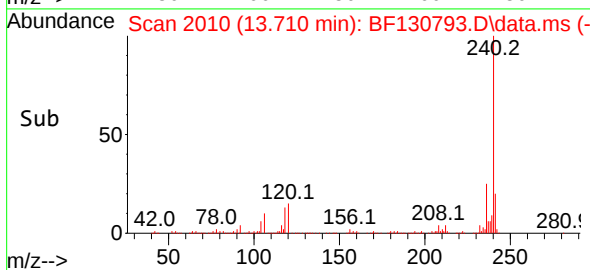
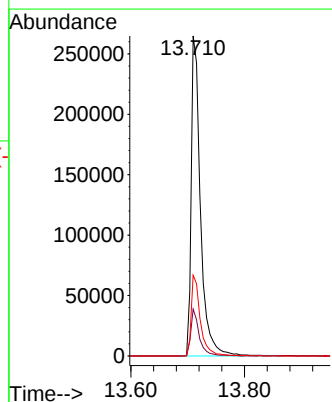
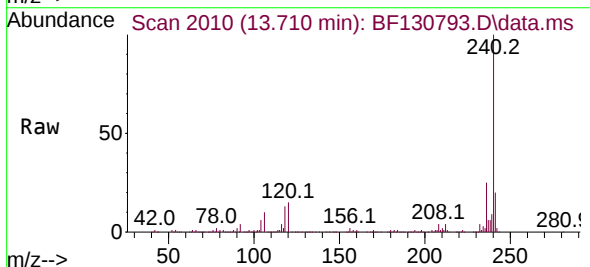
Instrument :
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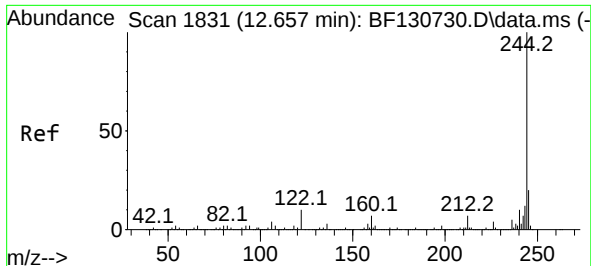
Tgt Ion:188 Resp: 502314
Ion Ratio Lower Upper
188 100
94 11.0 6.7 10.1#
80 11.3 7.4 11.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

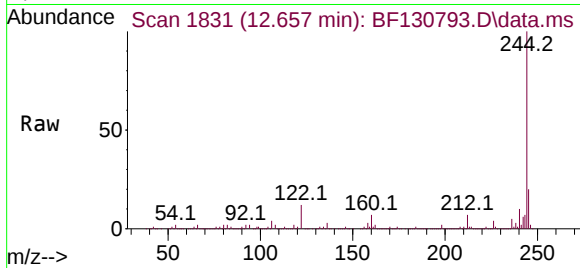
Tgt Ion:240 Resp: 298745
Ion Ratio Lower Upper
240 100
120 14.6 9.6 14.4#
236 25.3 20.2 30.2



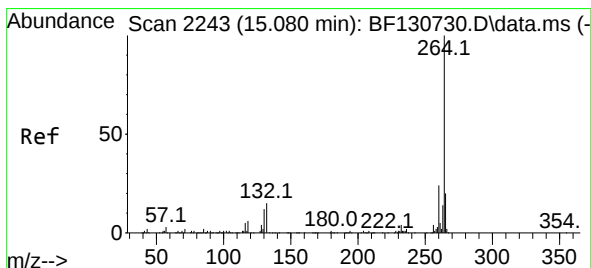
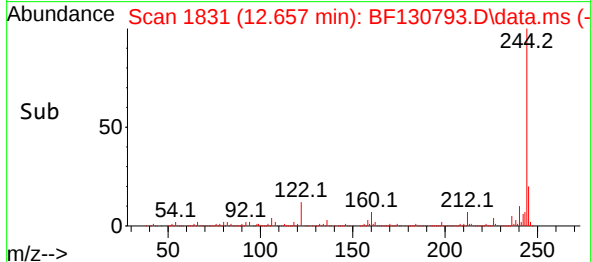
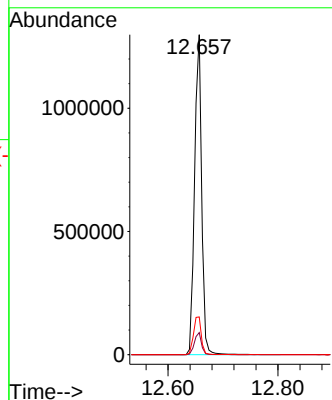


#79
 Terphenyl-d14
 Concen: 65.694 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130793.D
 Acq: 26 Oct 2022 20:39

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1164610
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.8 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BF130793.D
 Acq: 26 Oct 2022 20:39

Tgt Ion:264 Resp: 232375
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.8 28.2
 265 20.5 16.2 24.4

