

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130786.D
 Acq On : 26 Oct 2022 16:39
 Operator : CG\JU
 Sample : N5281-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Oct 27 09:03:48 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	127375	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	525077	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	143730	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	255033	20.000	ng	0.00
76) Chrysene-d12	13.710	240	159461	20.000	ng	0.00
86) Perylene-d12	15.092	264	118550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	801795	108.547	ng	0.00
7) Phenol-d6	6.222	99	1002306	112.150	ng	0.00
23) Nitrobenzene-d5	7.139	82	609619	61.589	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	150205	109.890	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	628191	66.605	ng	0.00
79) Terphenyl-d14	12.657	244	696205	73.575	ng	0.00

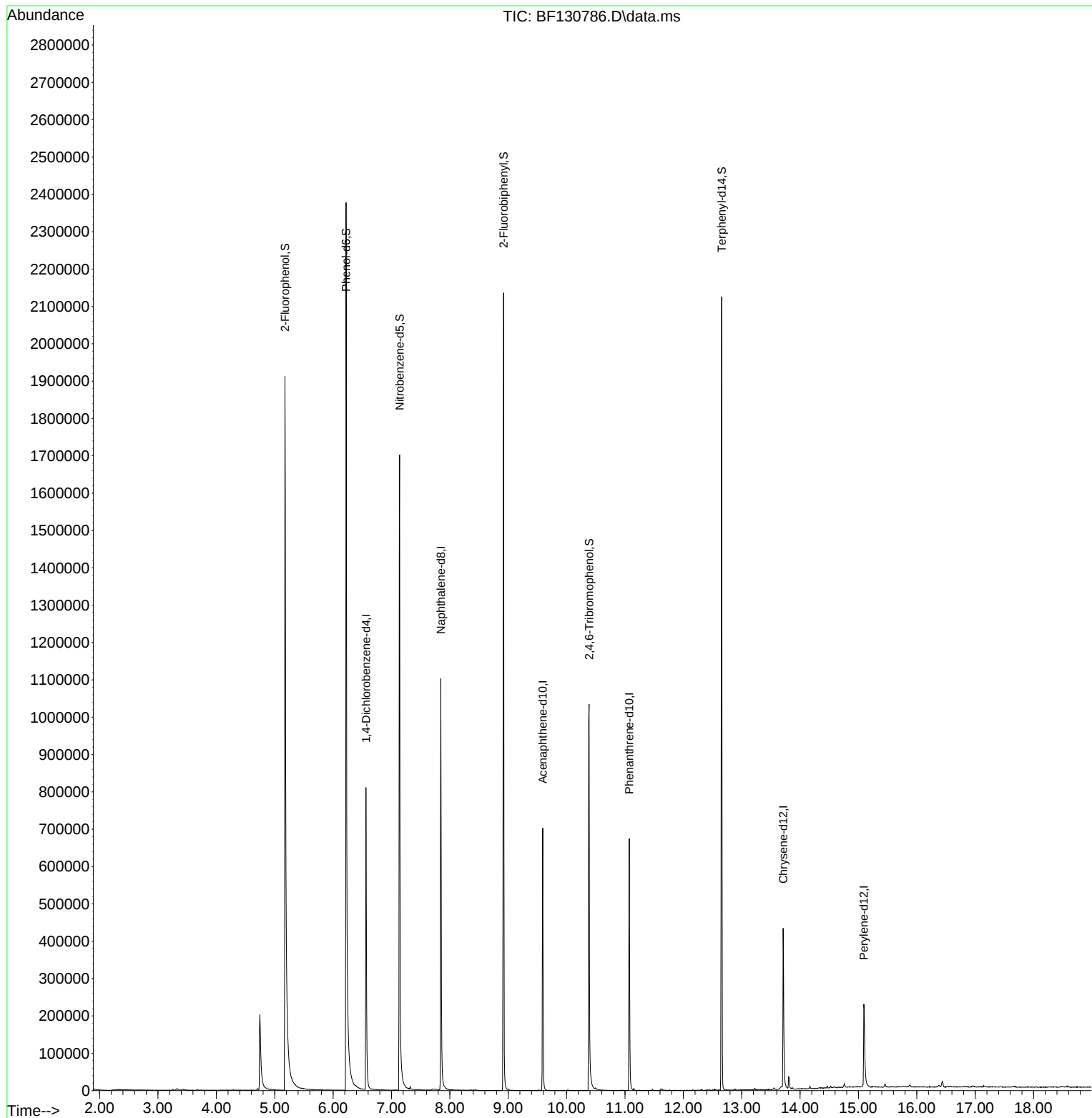
Target Compounds	Qvalue

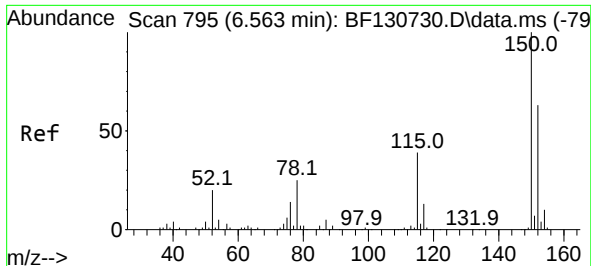
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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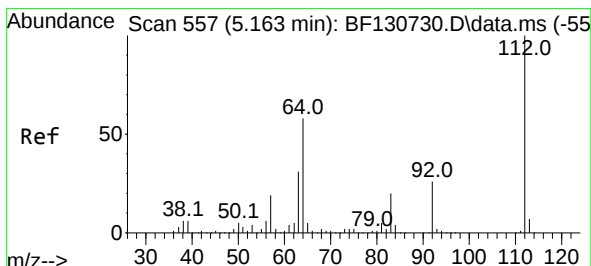
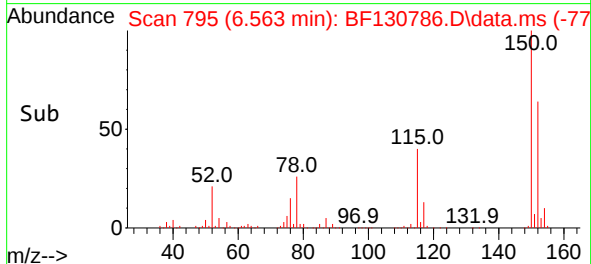
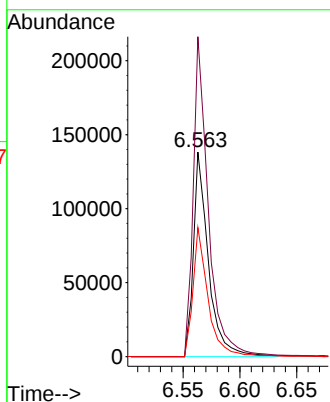
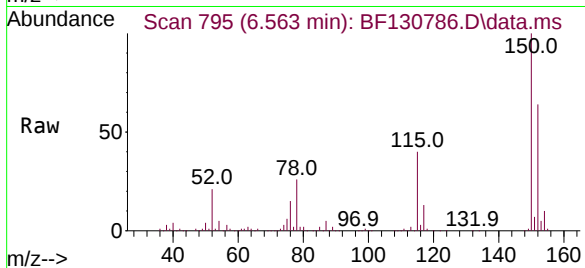




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

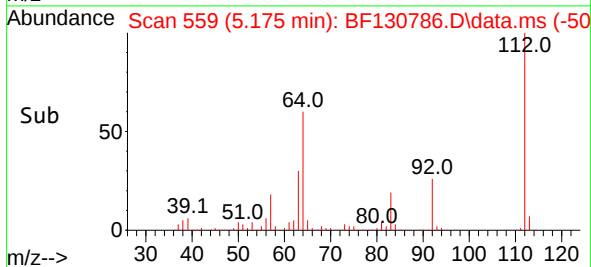
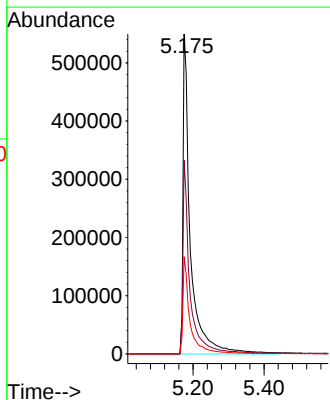
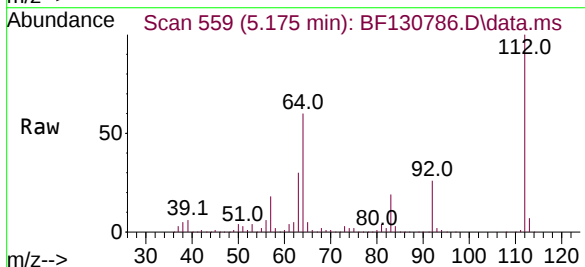
Instrument :
BNA_F
ClientSampleId :
SB-2

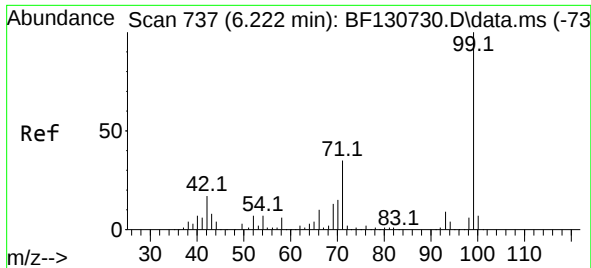
Tgt Ion:152 Resp: 127375
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 63.1 49.9 74.9



#5
2-Fluorophenol
Concen: 108.547 ng
RT: 5.175 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

Tgt Ion:112 Resp: 801795
Ion Ratio Lower Upper
112 100
64 60.5 46.2 69.4
63 30.4 25.1 37.7

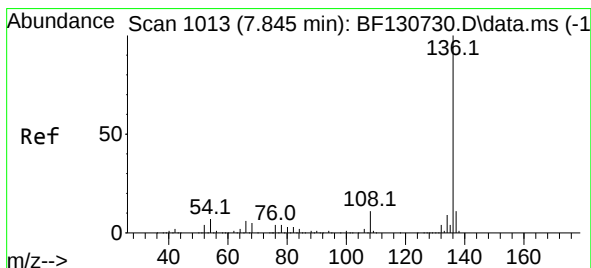
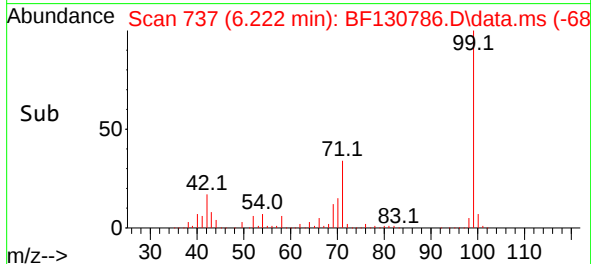
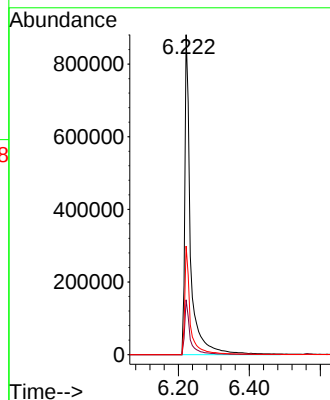
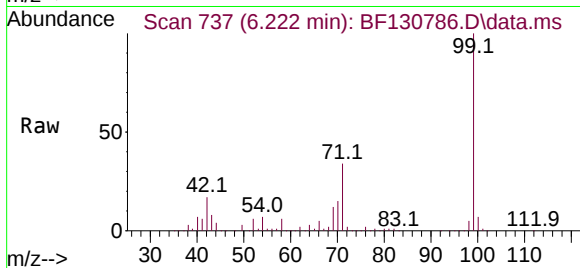




#7
Phenol-d6
Concen: 112.150 ng
RT: 6.222 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

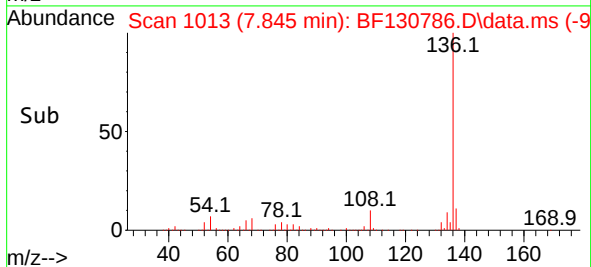
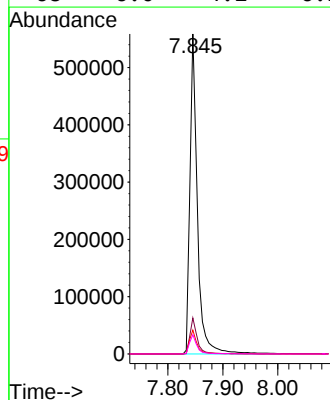
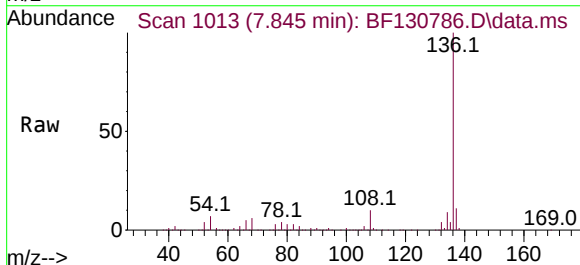
Instrument :
BNA_F
ClientSampleId :
SB-2

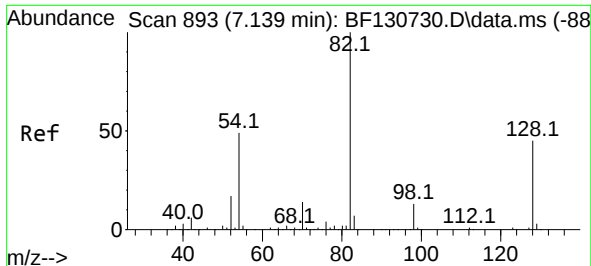
Tgt Ion: 99 Resp: 1002306
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.8
71 33.9 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

Tgt Ion:136 Resp: 525077
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.4 5.8 8.8
68 6.0 4.2 6.2

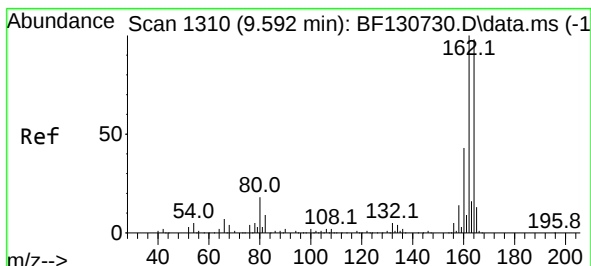
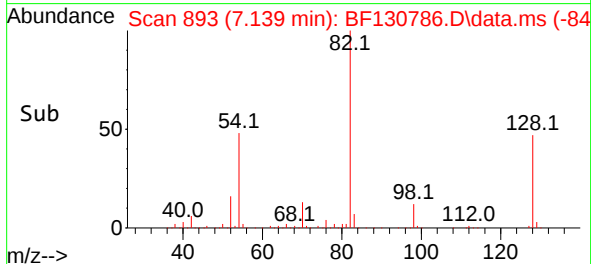
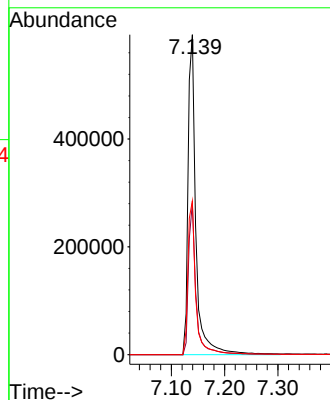
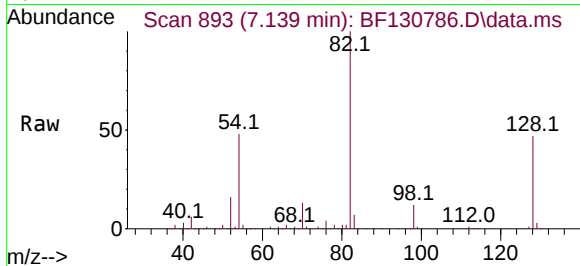




#23
Nitrobenzene-d5
Concen: 61.589 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

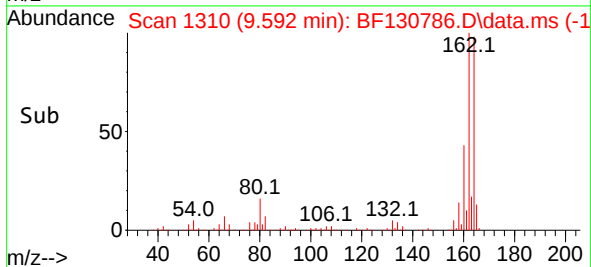
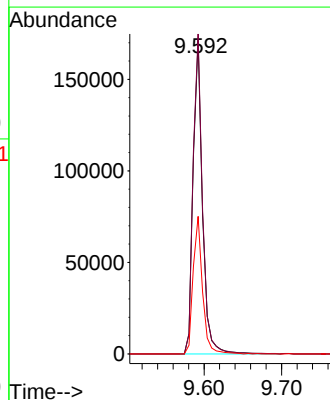
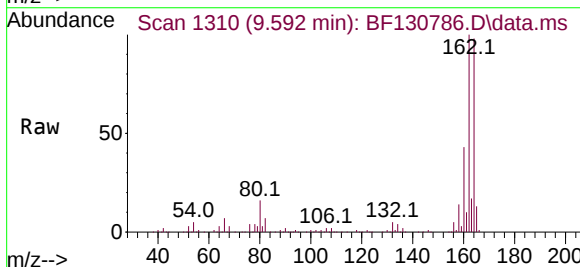
Instrument :
BNA_F
ClientSampleId :
SB-2

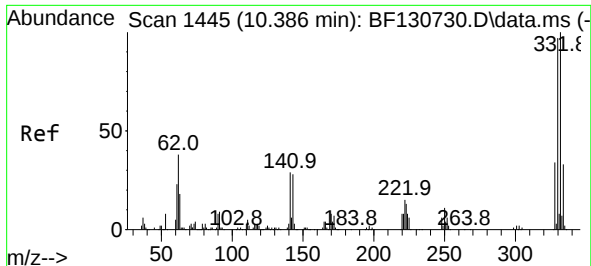
Tgt Ion: 82 Resp: 609619
Ion Ratio Lower Upper
82 100
128 47.3 35.9 53.9
54 48.0 39.2 58.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

Tgt Ion:164 Resp: 143730
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 43.8 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 109.890 ng

RT: 10.386 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF130786.D

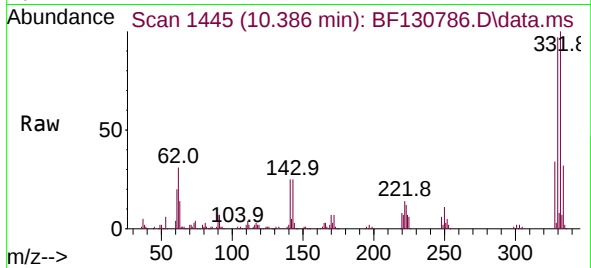
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Instrument :

BNA_F

ClientSampleId :

SB-2



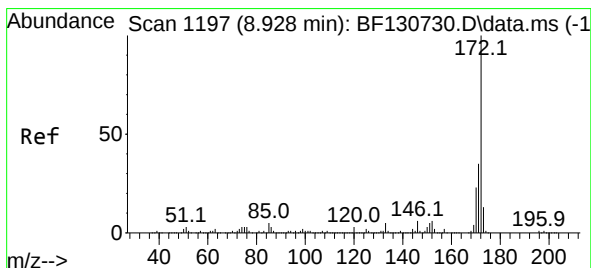
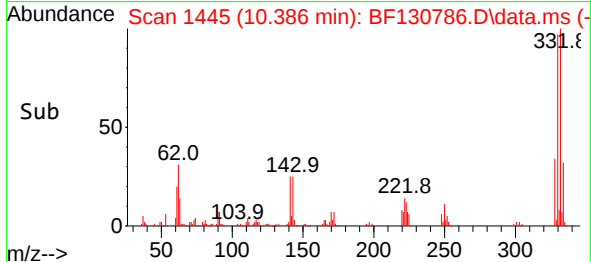
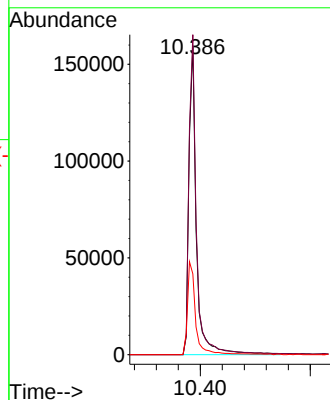
Tgt Ion:330 Resp: 150205

Ion Ratio Lower Upper

330 100

332 105.2 81.4 122.2

141 32.7 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 66.605 ng

RT: 8.922 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF130786.D

Acq: 26 Oct 2022 16:39

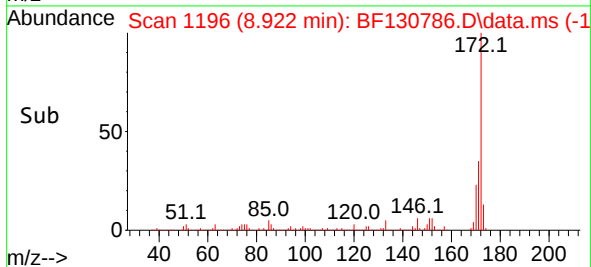
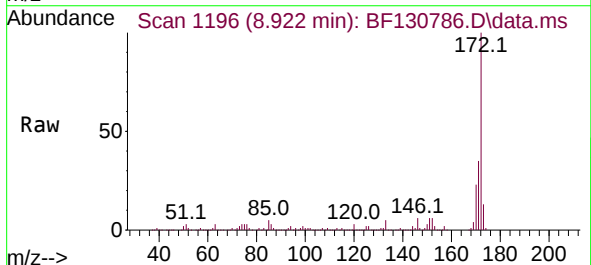
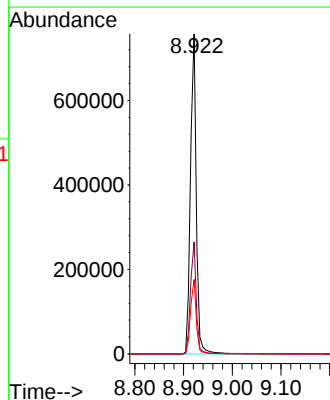
Tgt Ion:172 Resp: 628191

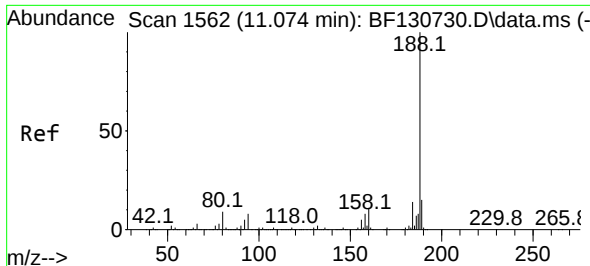
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.3 18.5 27.7

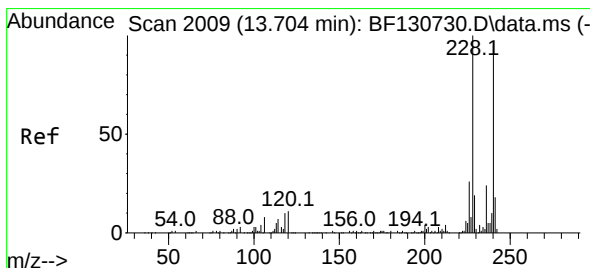
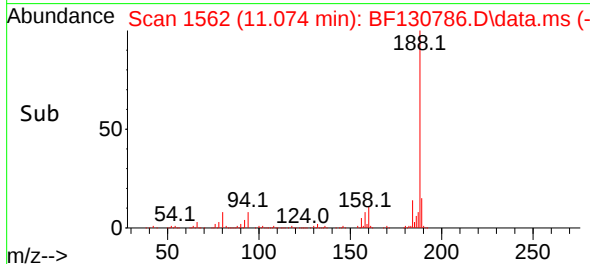
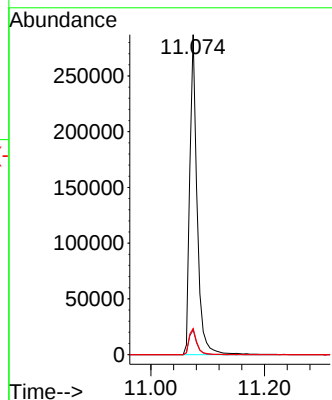
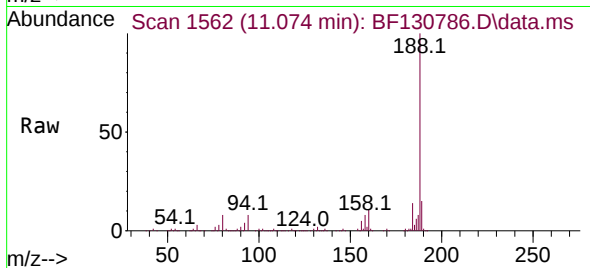




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

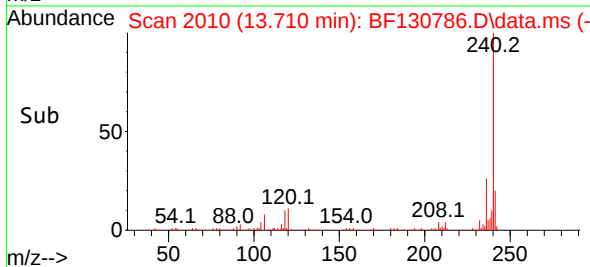
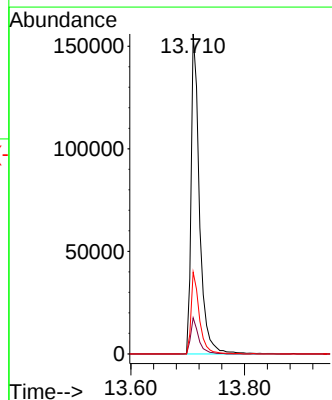
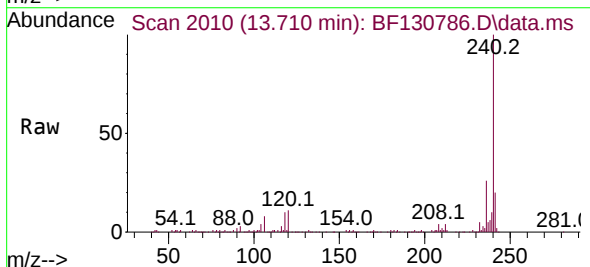
Instrument :
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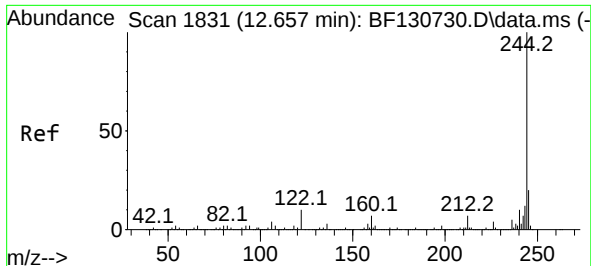
Tgt Ion:188 Resp: 255033
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.2 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF130786.D
Acq: 26 Oct 2022 16:39

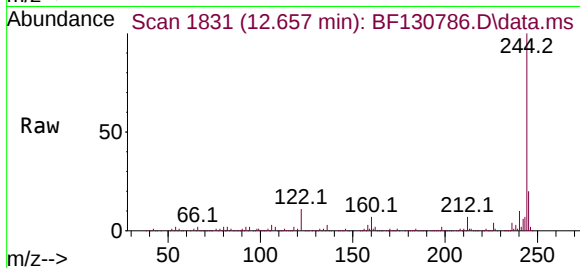
Tgt Ion:240 Resp: 159461
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 25.5 20.2 30.2



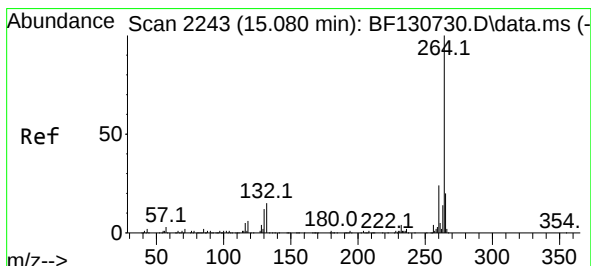
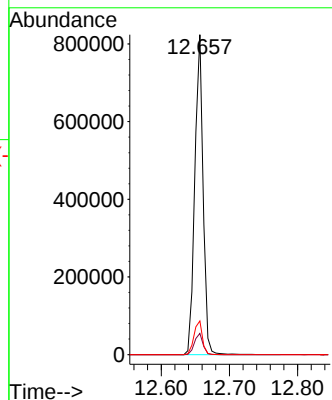
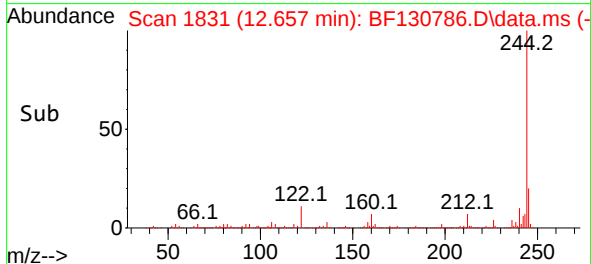


#79
 Terphenyl-d14
 Concen: 73.575 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130786.D
 Acq: 26 Oct 2022 16:39

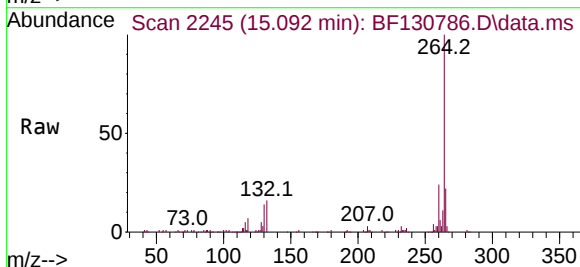
Instrument :
 BNA_F
 ClientSampleId :
 SB-2



Tgt Ion:244 Resp: 696205
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.5 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.092 min Scan# 2245
 Delta R.T. -0.006 min
 Lab File: BF130786.D
 Acq: 26 Oct 2022 16:39



Tgt Ion:264 Resp: 118550
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 22.2 16.2 24.4

