

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130791.D
 Acq On : 26 Oct 2022 19:31
 Operator : CG\JU
 Sample : N5281-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9

Quant Time: Oct 27 09:05:23 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	124947	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	512995	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	144400	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	261009	20.000	ng	0.00
76) Chrysene-d12	13.710	240	161641	20.000	ng	0.00
86) Perylene-d12	15.098	264	123858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	865335	119.426	ng	0.00
7) Phenol-d6	6.222	99	1086949	123.984	ng	0.00
23) Nitrobenzene-d5	7.134	82	644634	66.660	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	168139	122.440	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	657999	69.442	ng	0.00
79) Terphenyl-d14	12.657	244	701362	73.120	ng	0.00

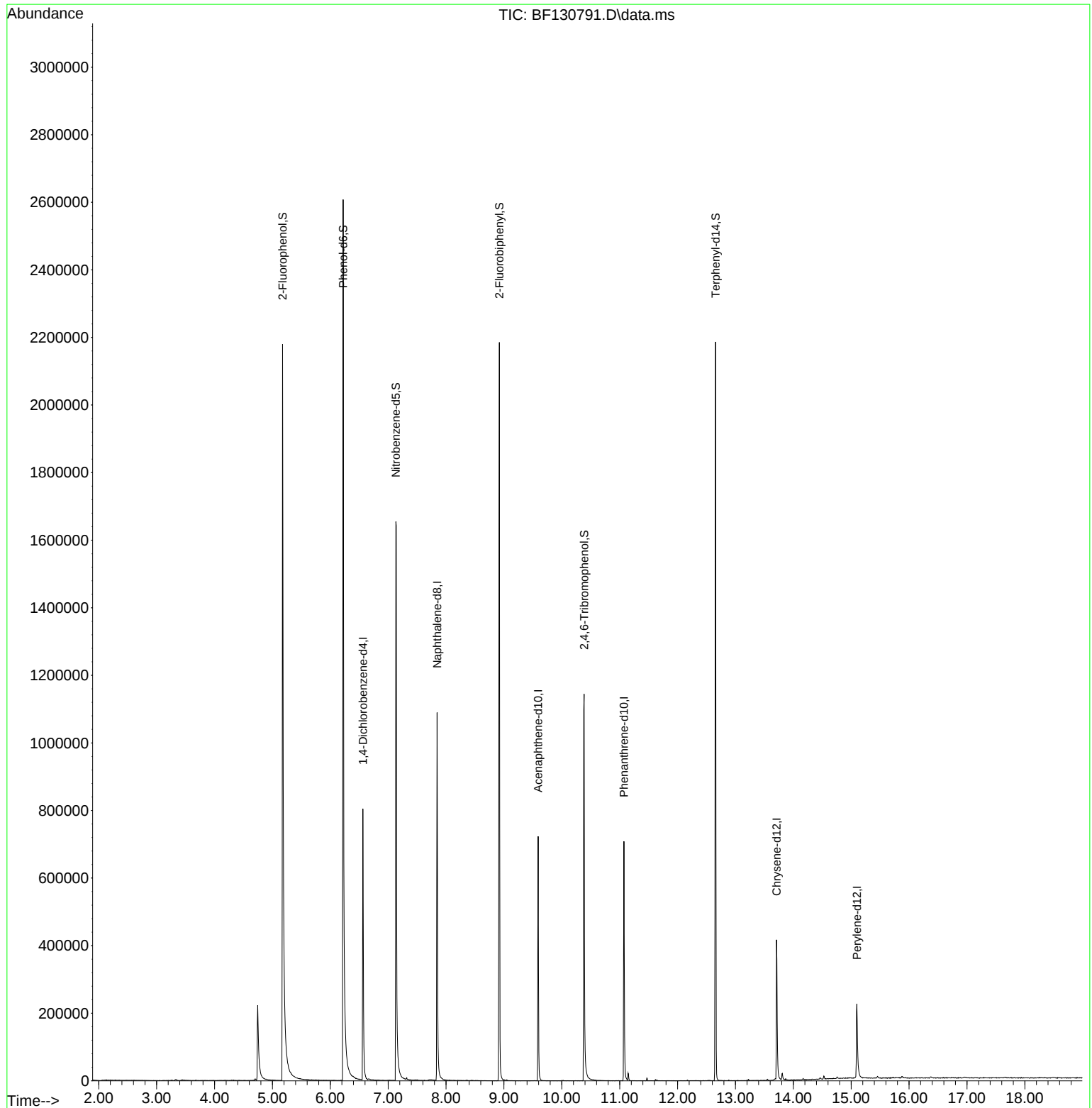
Target Compounds	Qvalue

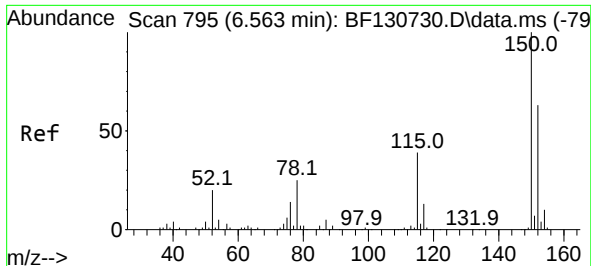
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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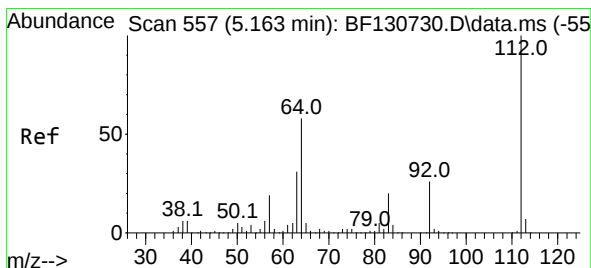
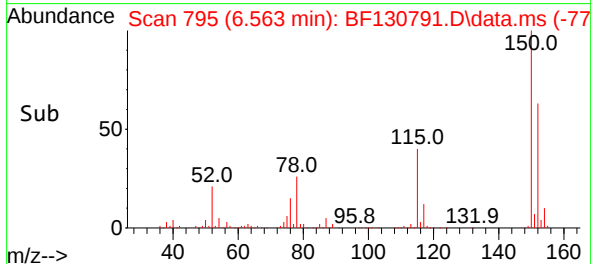
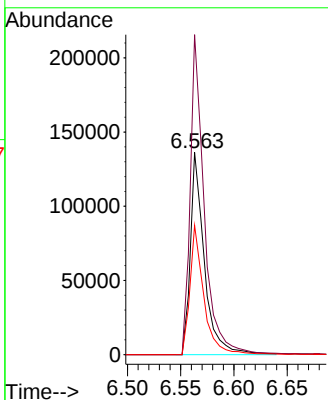
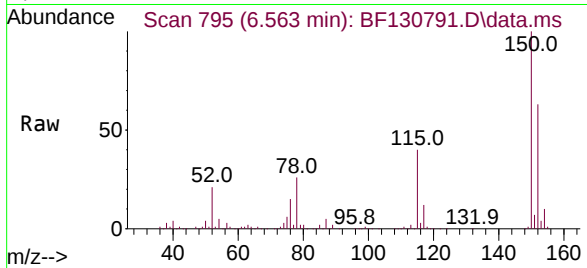




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

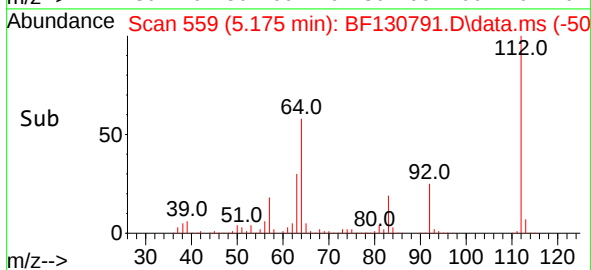
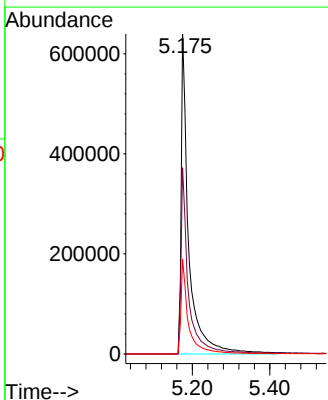
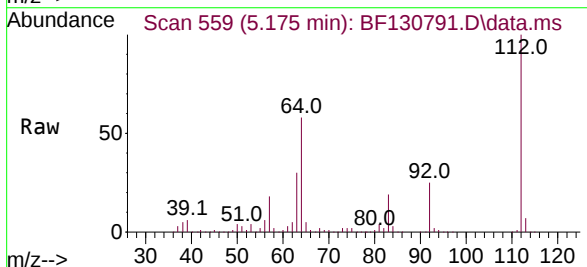
Instrument :
BNA_F
ClientSampleId :
SB-9

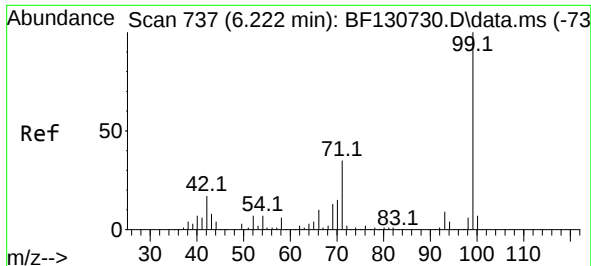
Tgt Ion:152 Resp: 124947
Ion Ratio Lower Upper
152 100
150 158.3 127.0 190.6
115 63.9 49.9 74.9



#5
2-Fluorophenol
Concen: 119.426 ng
RT: 5.175 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

Tgt Ion:112 Resp: 865335
Ion Ratio Lower Upper
112 100
64 58.2 46.2 69.4
63 29.5 25.1 37.7

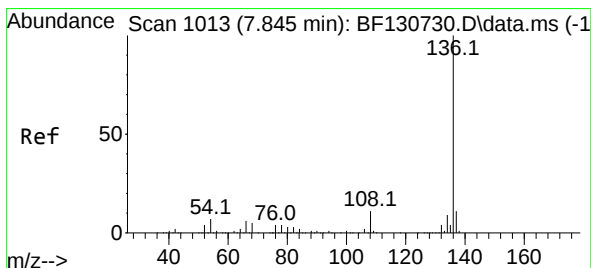
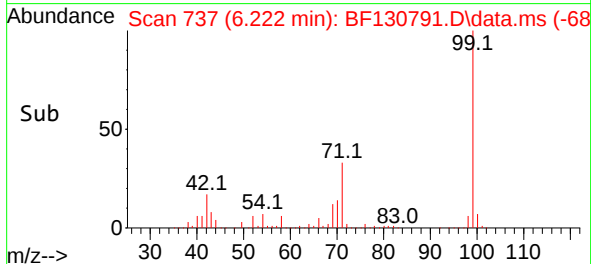
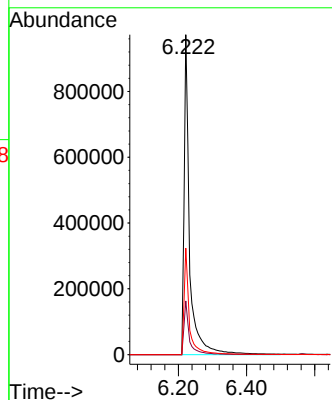
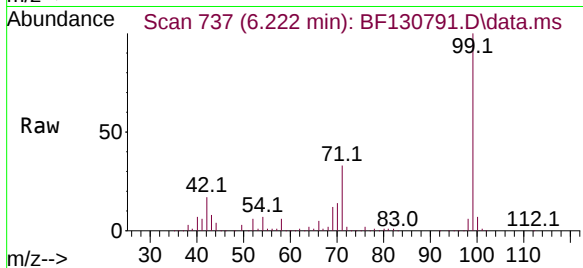




#7
Phenol-d6
Concen: 123.984 ng
RT: 6.222 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

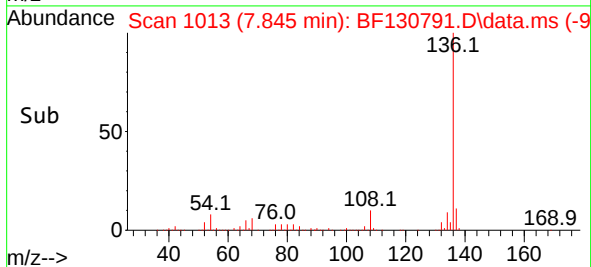
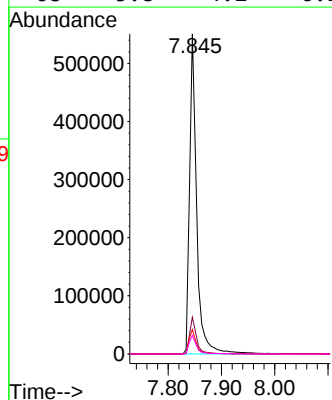
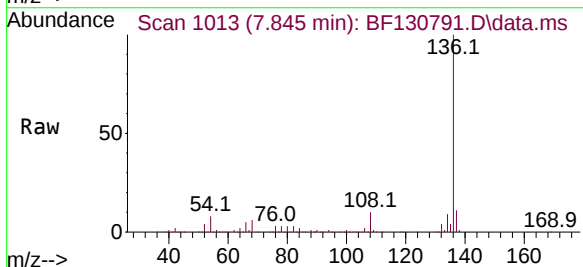
Instrument :
BNA_F
ClientSampleId :
SB-9

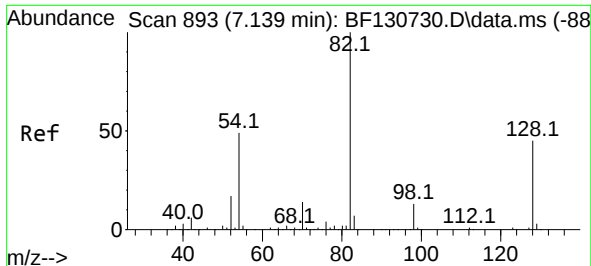
Tgt Ion: 99 Resp: 1086949
Ion Ratio Lower Upper
99 100
42 16.8 13.8 20.8
71 33.3 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

Tgt Ion: 136 Resp: 512995
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.6 5.8 8.8
68 5.8 4.2 6.2





#23

Nitrobenzene-d5

Concen: 66.660 ng

RT: 7.134 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF130791.D

Acq: 26 Oct 2022 19:31

Instrument :

BNA_F

ClientSampleId :

SB-9

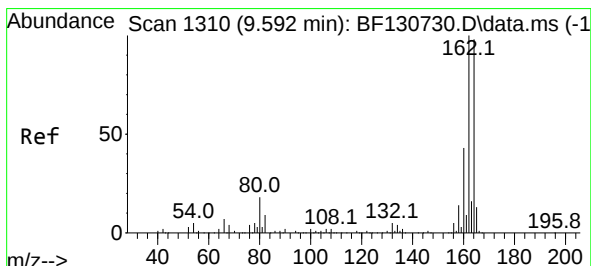
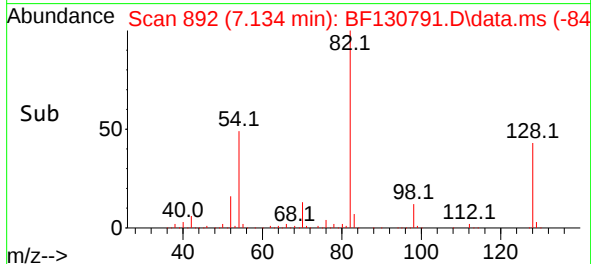
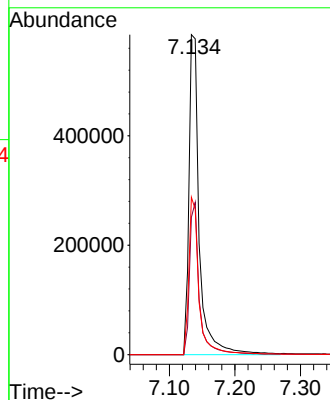
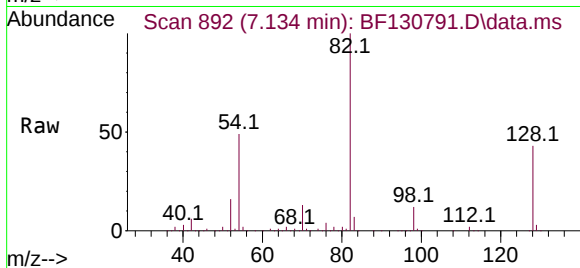
Tgt Ion: 82 Resp: 644634

Ion Ratio Lower Upper

82 100

128 42.9 35.9 53.9

54 49.2 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: BF130791.D

Acq: 26 Oct 2022 19:31

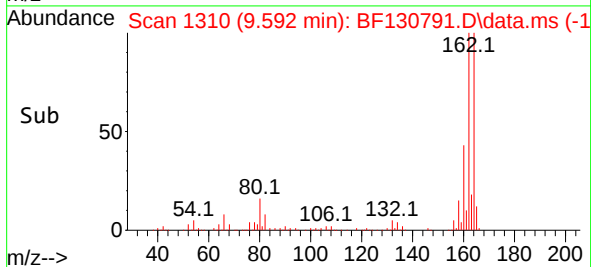
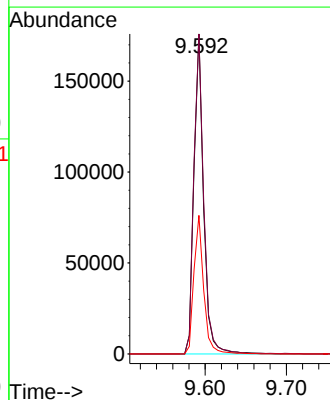
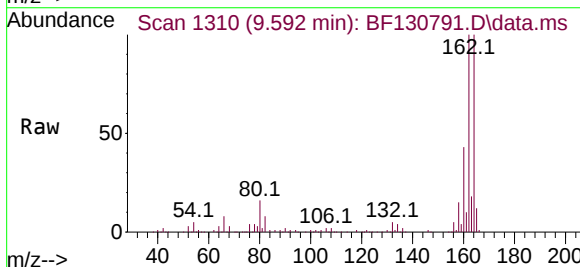
Tgt Ion:164 Resp: 144400

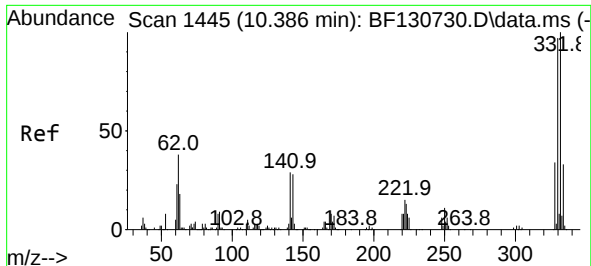
Ion Ratio Lower Upper

164 100

162 100.0 81.4 122.0

160 43.3 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 122.440 ng

RT: 10.386 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF130791.D

Acq: 26 Oct 2022 19:31

Instrument :

BNA_F

ClientSampleId :

SB-9

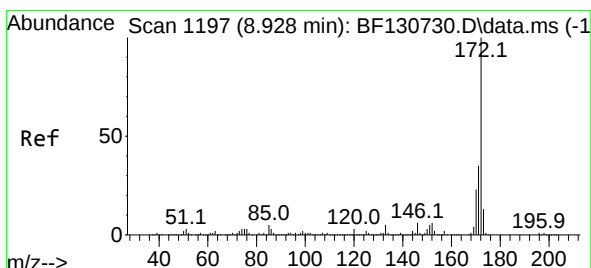
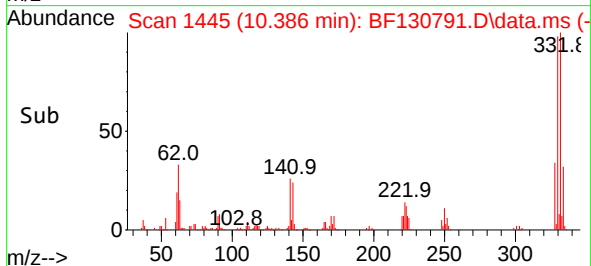
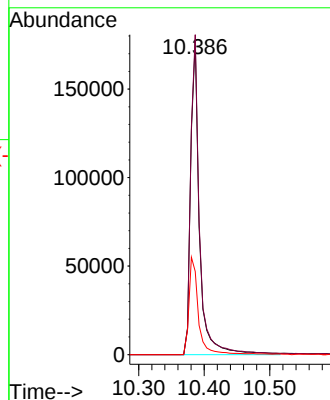
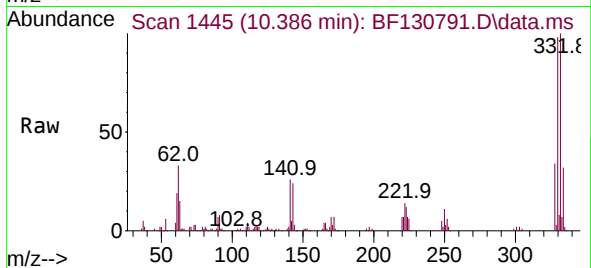
Tgt Ion:330 Resp: 168139

Ion Ratio Lower Upper

330 100

332 102.8 81.4 122.2

141 32.6 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 69.442 ng

RT: 8.922 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF130791.D

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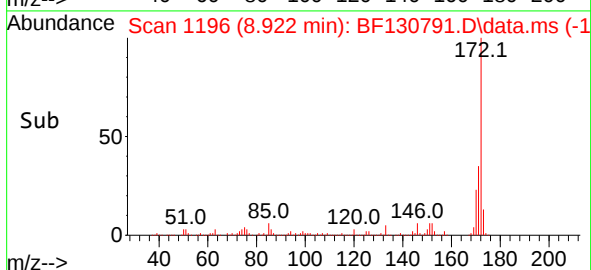
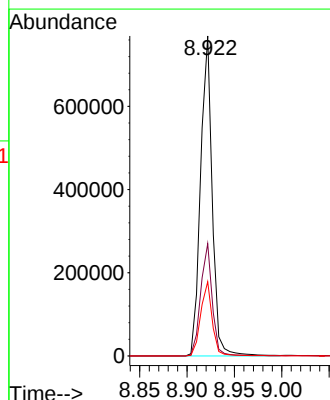
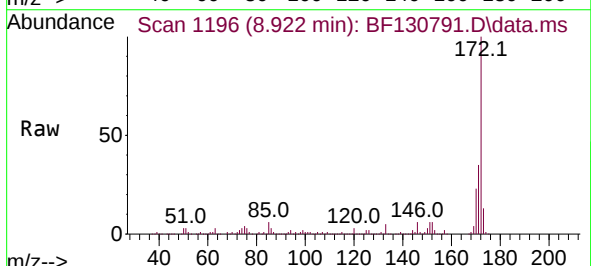
Tgt Ion:172 Resp: 657999

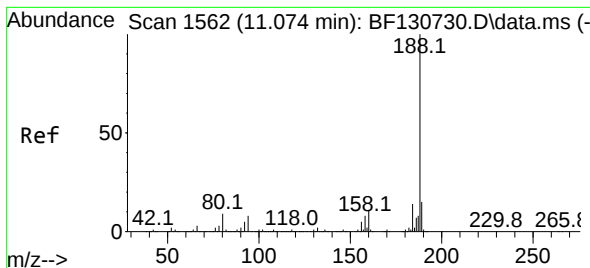
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.2 18.5 27.7

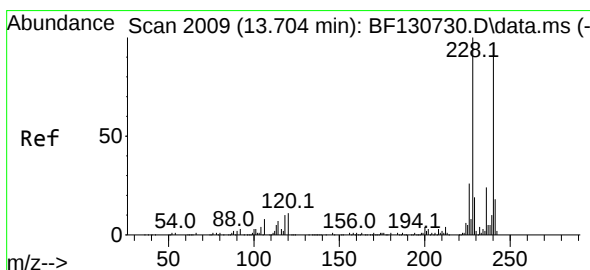
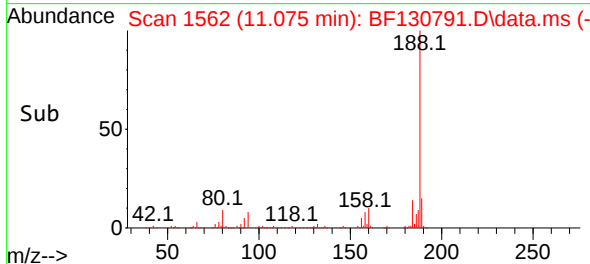
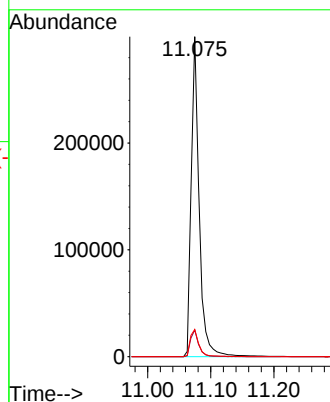
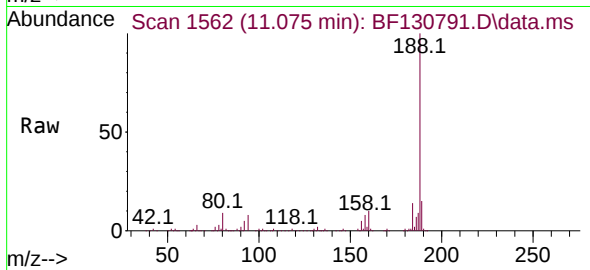




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

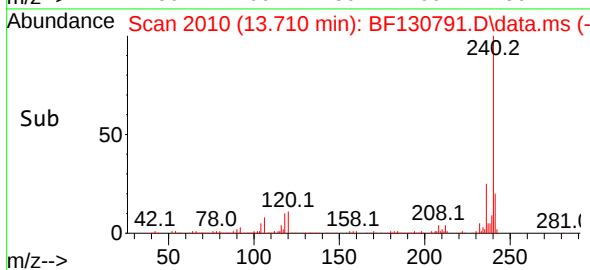
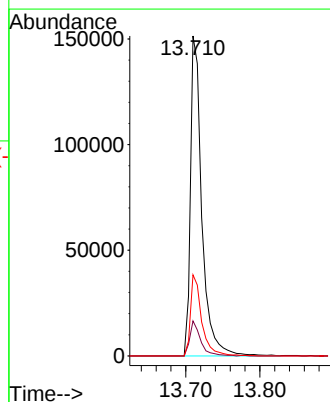
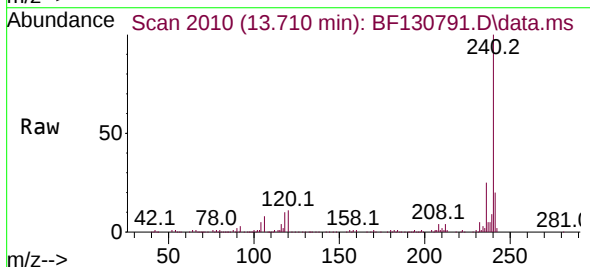
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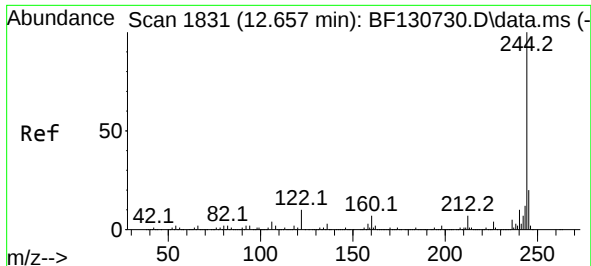
Tgt Ion:188 Resp: 261009
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.5 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

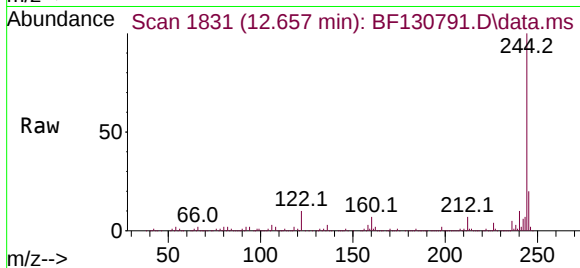
Tgt Ion:240 Resp: 161641
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 25.3 20.2 30.2



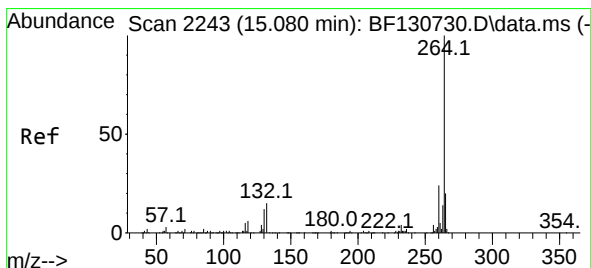
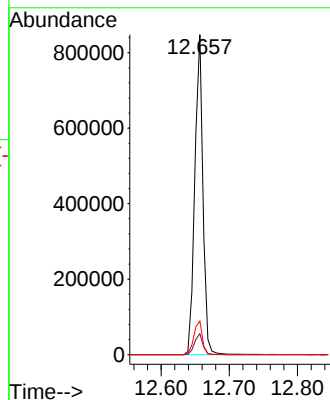
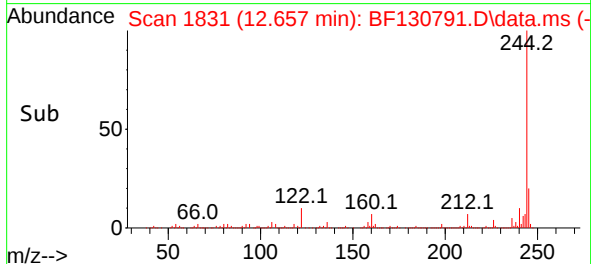


#79
 Terphenyl-d14
 Concen: 73.120 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130791.D
 Acq: 26 Oct 2022 19:31

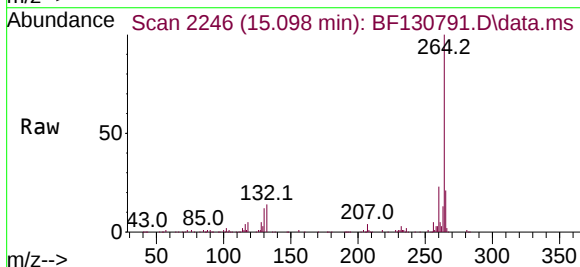
Instrument :
 BNA_F
 ClientSampleId :
 SB-9



Tgt Ion:244 Resp: 701362
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.5 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: BF130791.D
 Acq: 26 Oct 2022 19:31



Tgt Ion:264 Resp: 123858
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.5 16.2 24.4

