

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130795.D
 Acq On : 26 Oct 2022 21:46
 Operator : CG\JU
 Sample : N5281-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Quant Time: Oct 27 09:06:43 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	130231	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	535034	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	156076	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	260684	20.000	ng	0.00
76) Chrysene-d12	13.715	240	136739	20.000	ng	# 0.00
86) Perylene-d12	15.098	264	141458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	844519	111.824	ng	0.00
7) Phenol-d6	6.222	99	1087652	119.031	ng	0.00
23) Nitrobenzene-d5	7.139	82	650891	64.535	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	146758	98.875	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	728933	71.173	ng	0.00
79) Terphenyl-d14	12.657	244	655763	80.817	ng	0.00

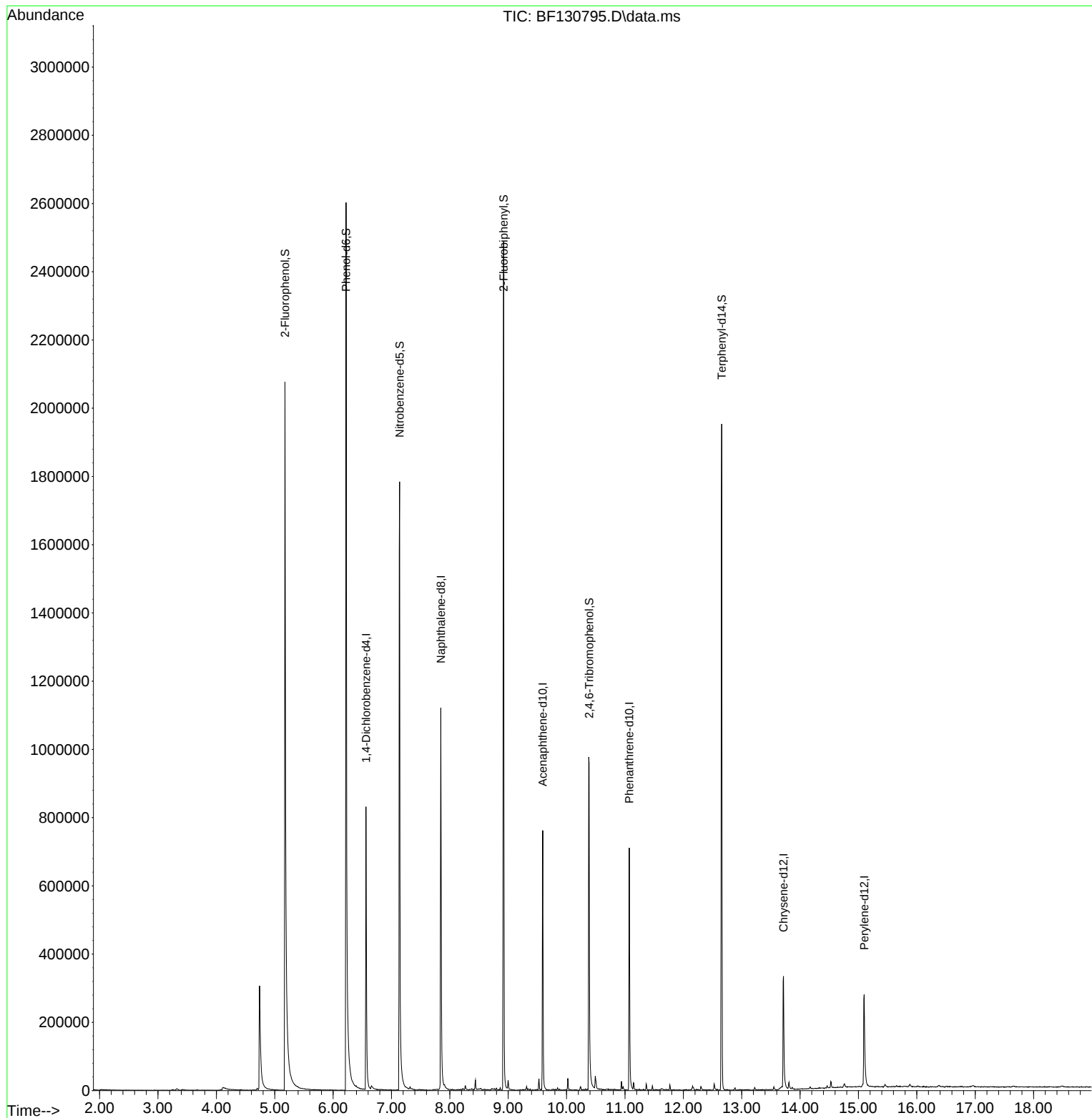
Target Compounds	Qvalue

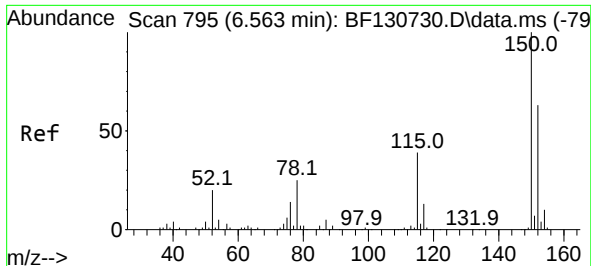
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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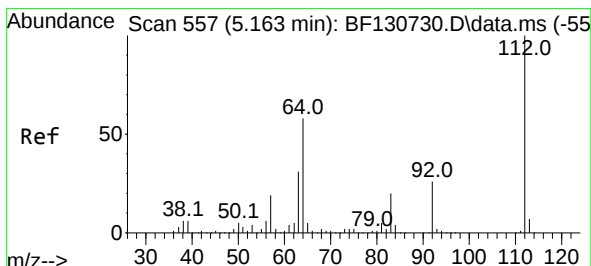
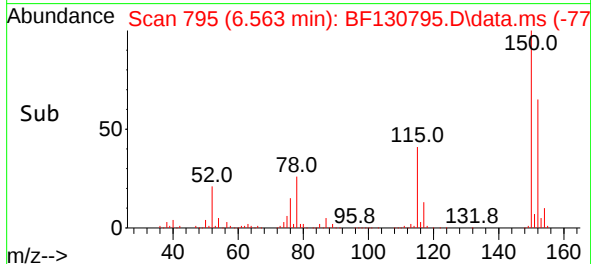
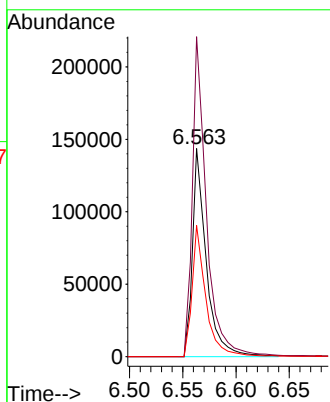
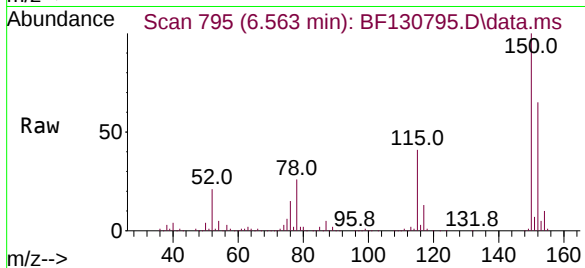




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

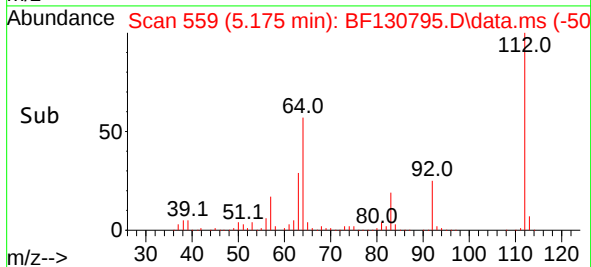
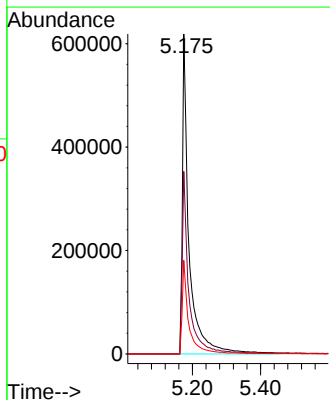
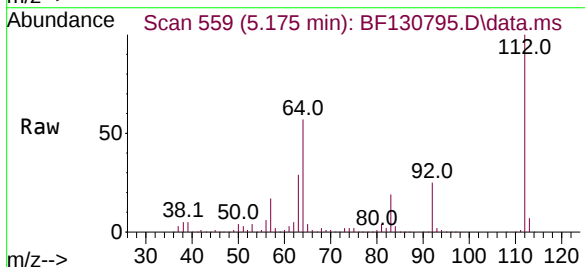
Instrument :
BNA_F
ClientSampleId :
SB-6

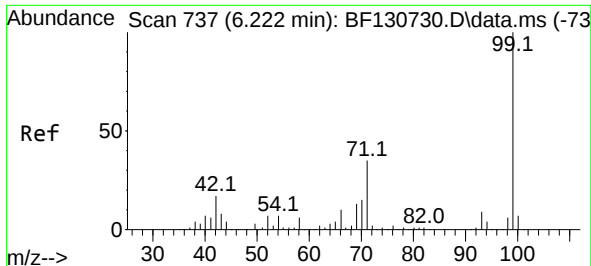
Tgt Ion:152 Resp: 130231
Ion Ratio Lower Upper
152 100
150 153.8 127.0 190.6
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 111.824 ng
RT: 5.175 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

Tgt Ion:112 Resp: 844519
Ion Ratio Lower Upper
112 100
64 57.0 46.2 69.4
63 29.2 25.1 37.7





#7

Phenol-d6

Concen: 119.031 ng

RT: 6.222 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF130795.D

Acq: 26 Oct 2022 21:46

Instrument :

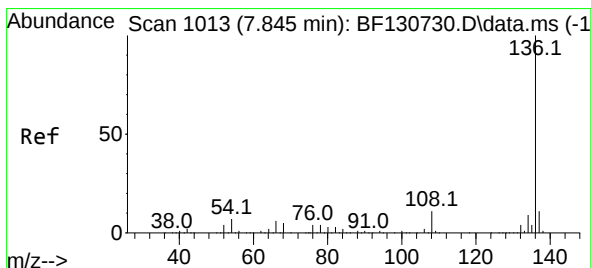
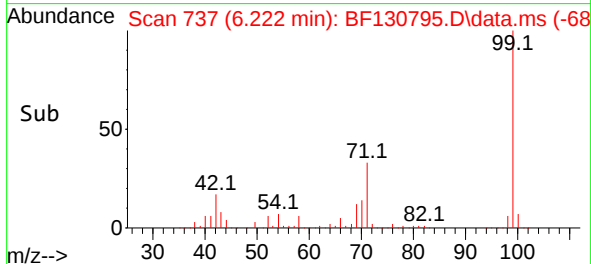
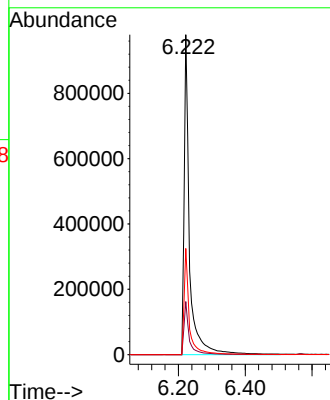
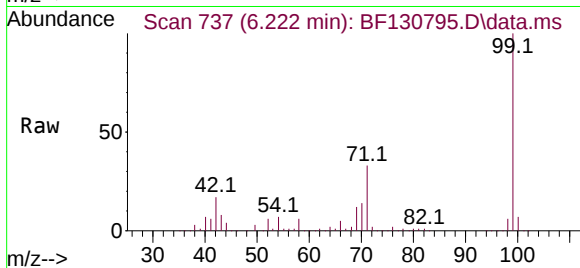
BNA_F

ClientSampleId :

SB-6

Tgt Ion: 99 Resp: 1087652

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.8
71	33.2	28.3	42.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.845 min Scan# 1013

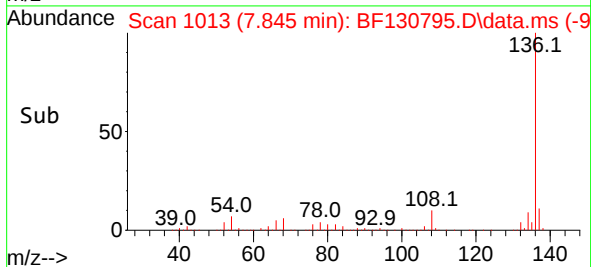
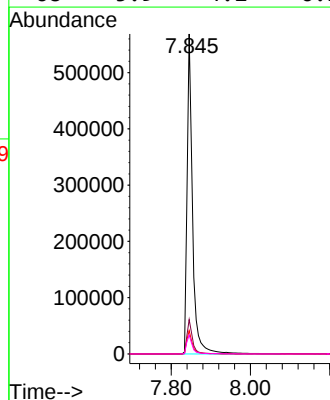
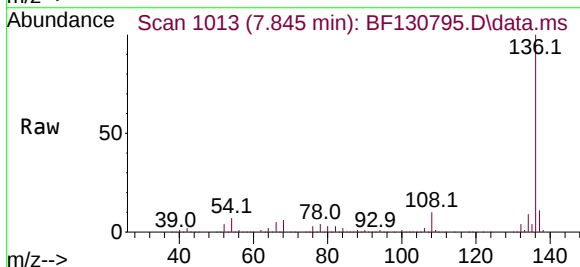
Delta R.T. -0.000 min

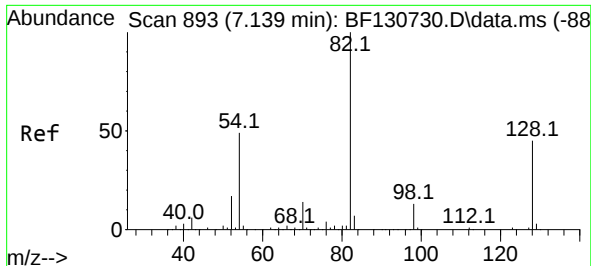
Lab File: BF130795.D

Acq: 26 Oct 2022 21:46

Tgt Ion: 136 Resp: 535034

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	7.3	5.8	8.8
68	5.9	4.2	6.2





#23

Nitrobenzene-d5

Concen: 64.535 ng

RT: 7.139 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF130795.D

Acq: 26 Oct 2022 21:46

Instrument :

BNA_F

ClientSampleId :

SB-6

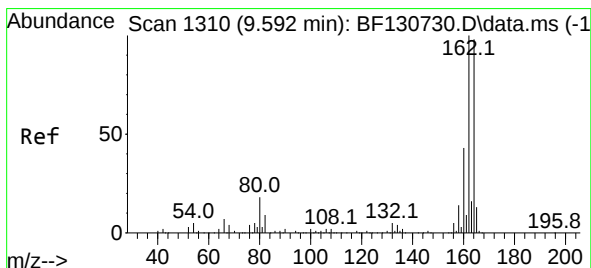
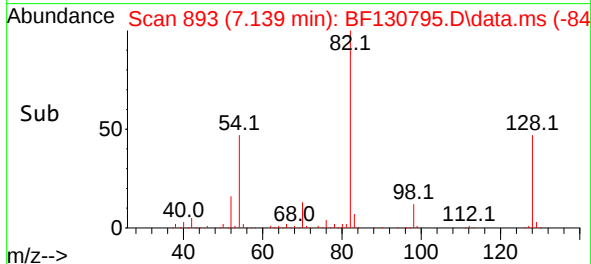
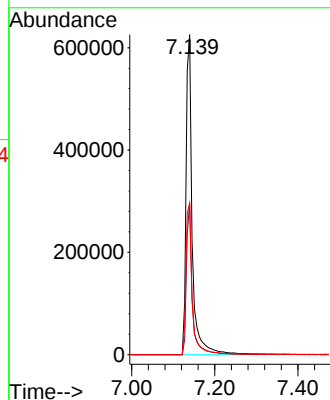
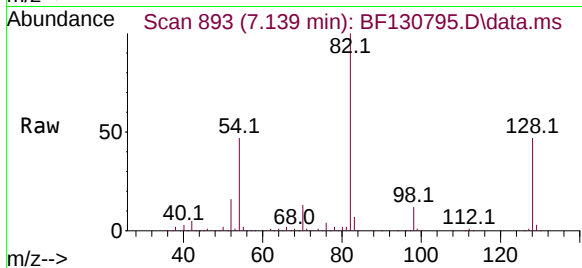
Tgt Ion: 82 Resp: 650891

Ion Ratio Lower Upper

82 100

128 47.3 35.9 53.9

54 47.4 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: BF130795.D

Acq: 26 Oct 2022 21:46

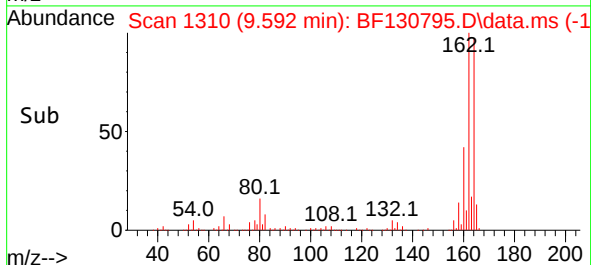
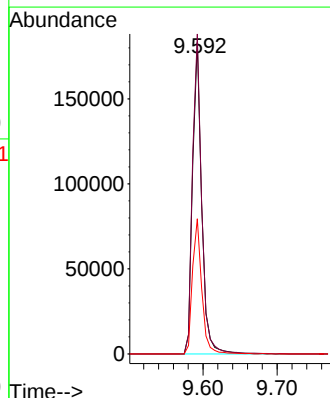
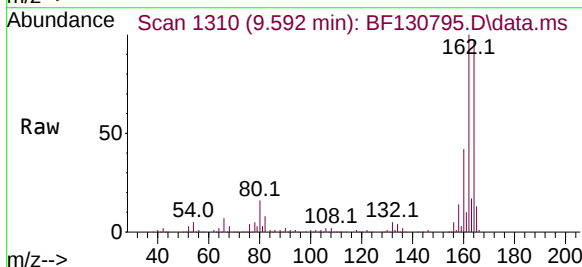
Tgt Ion:164 Resp: 156076

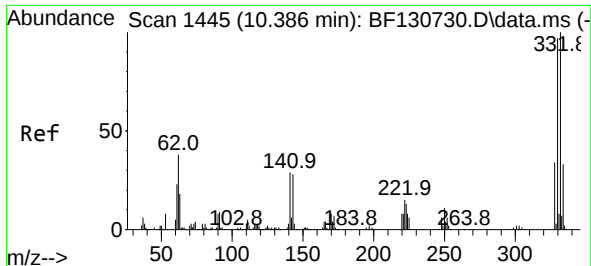
Ion Ratio Lower Upper

164 100

162 102.7 81.4 122.0

160 43.4 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 98.875 ng

RT: 10.386 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF130795.D

Acq: 26 Oct 2022 21:46

Instrument :

BNA_F

ClientSampleId :

SB-6

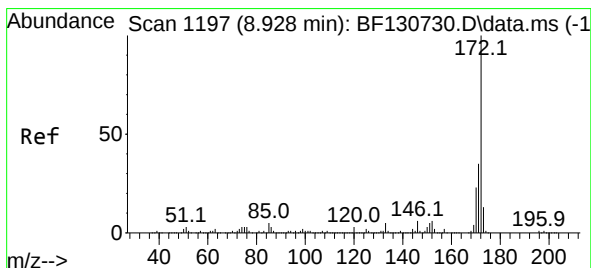
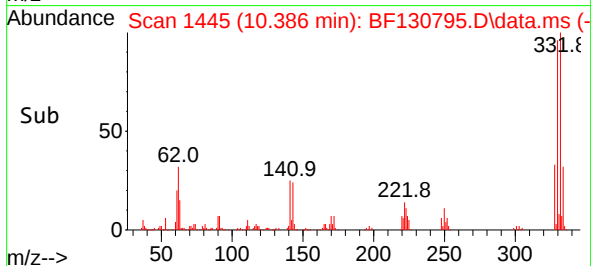
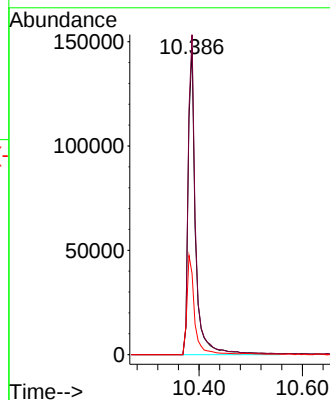
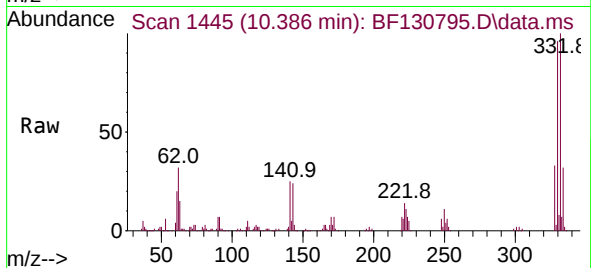
Tgt Ion:330 Resp: 146758

Ion Ratio Lower Upper

330 100

332 103.0 81.4 122.2

141 33.0 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 71.173 ng

RT: 8.922 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF130795.D

Acq: 26 Oct 2022 21:46

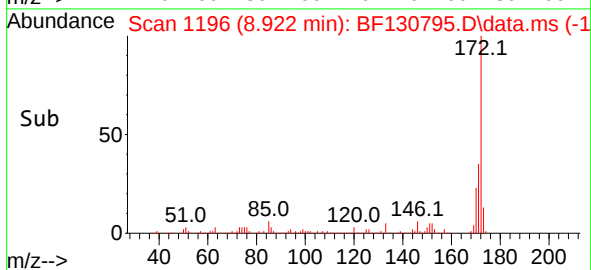
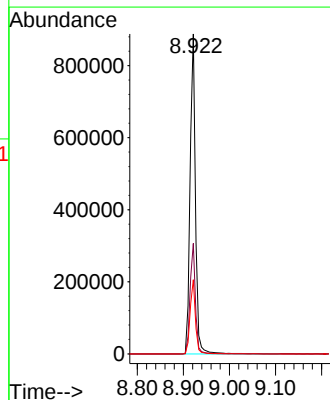
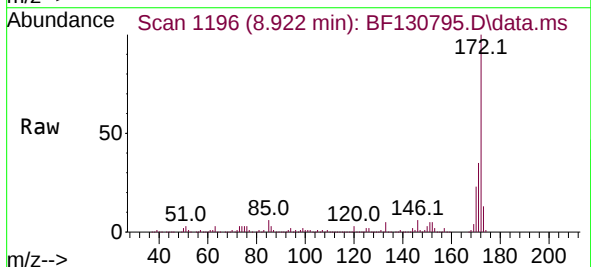
Tgt Ion:172 Resp: 728933

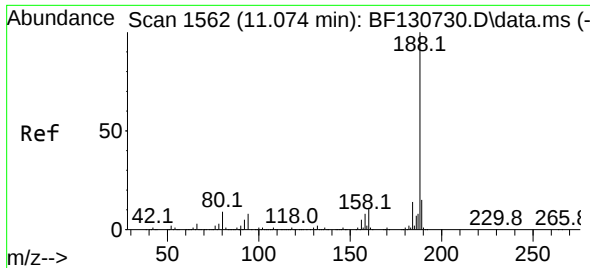
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.2

170 23.2 18.5 27.7

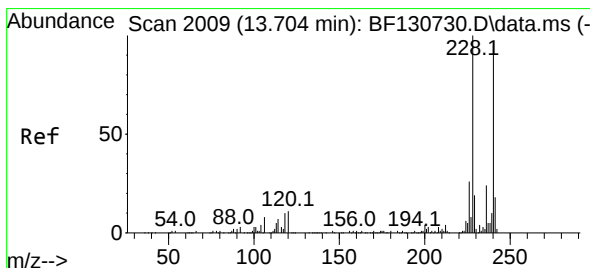
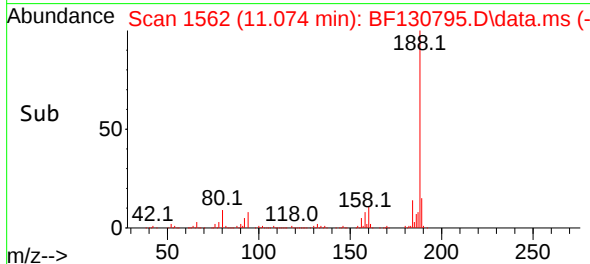
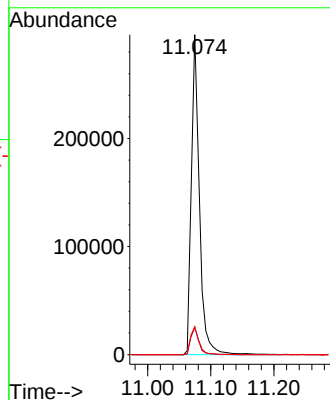
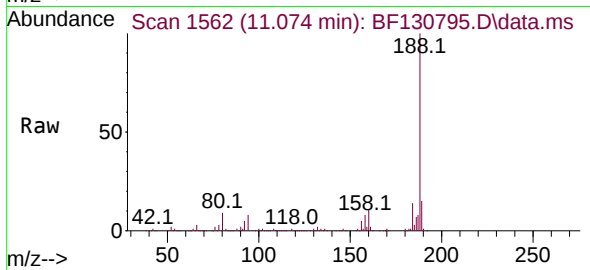




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

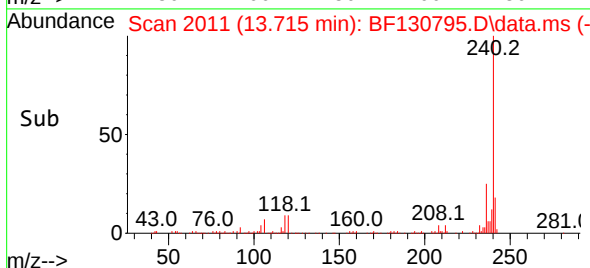
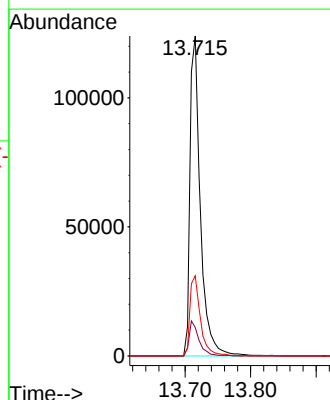
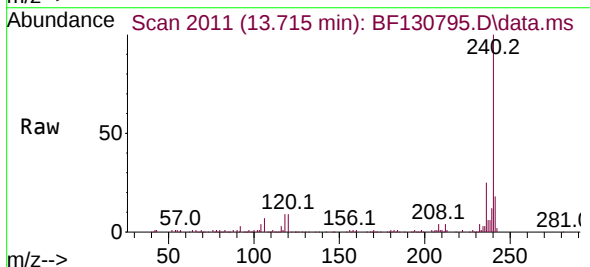
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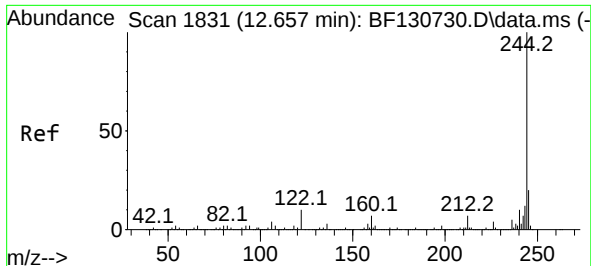
Tgt Ion:188 Resp: 260684
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 8.7 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.715 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF130795.D
Acq: 26 Oct 2022 21:46

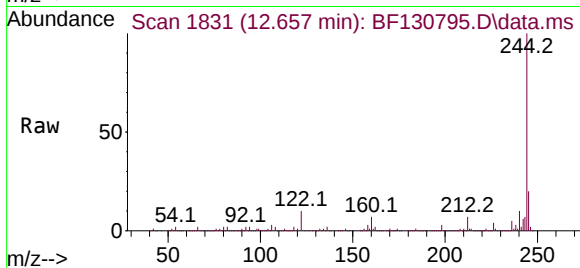
Tgt Ion:240 Resp: 136739
Ion Ratio Lower Upper
240 100
120 8.9 9.6 14.4#
236 25.0 20.2 30.2



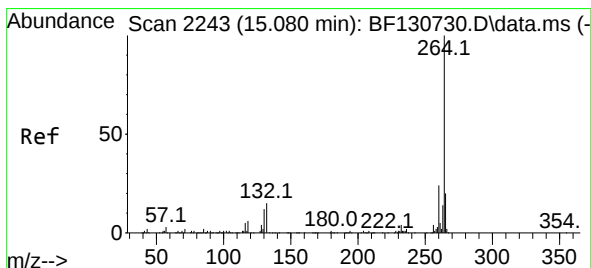
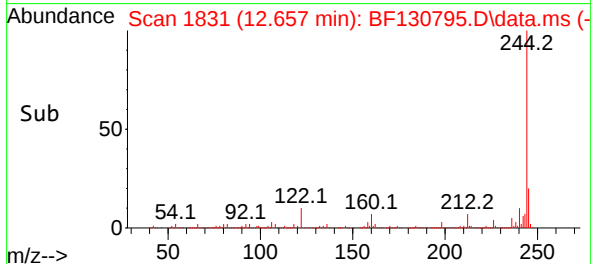
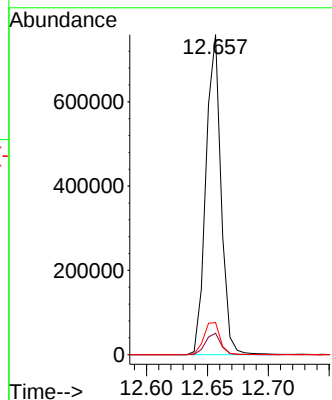


#79
 Terphenyl-d14
 Concen: 80.817 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130795.D
 Acq: 26 Oct 2022 21:46

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 655763
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.0 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: BF130795.D
 Acq: 26 Oct 2022 21:46

Tgt Ion:264 Resp: 141458
 Ion Ratio Lower Upper
 264 100
 260 21.5 18.8 28.2
 265 20.7 16.2 24.4

