

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102022\
 Data File : BF130736.D
 Acq On : 20 Oct 2022 20:17
 Operator : CG\JU
 Sample : PB148413BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148413BL

Quant Time: Oct 21 06:42:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	89501	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	347894	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	167449	20.000	ng	0.00
64) Phenanthrene-d10	11.069	188	316684	20.000	ng	0.00
76) Chrysene-d12	13.704	240	253217	20.000	ng	0.00
86) Perylene-d12	15.074	264	190746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	756013	145.660	ng	0.01
7) Phenol-d6	6.222	99	892125	142.063	ng	0.00
23) Nitrobenzene-d5	7.134	82	582447	88.813	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	267454	167.953	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	1026513	93.422	ng	0.00
79) Terphenyl-d14	12.657	244	1347842	89.700	ng	0.00

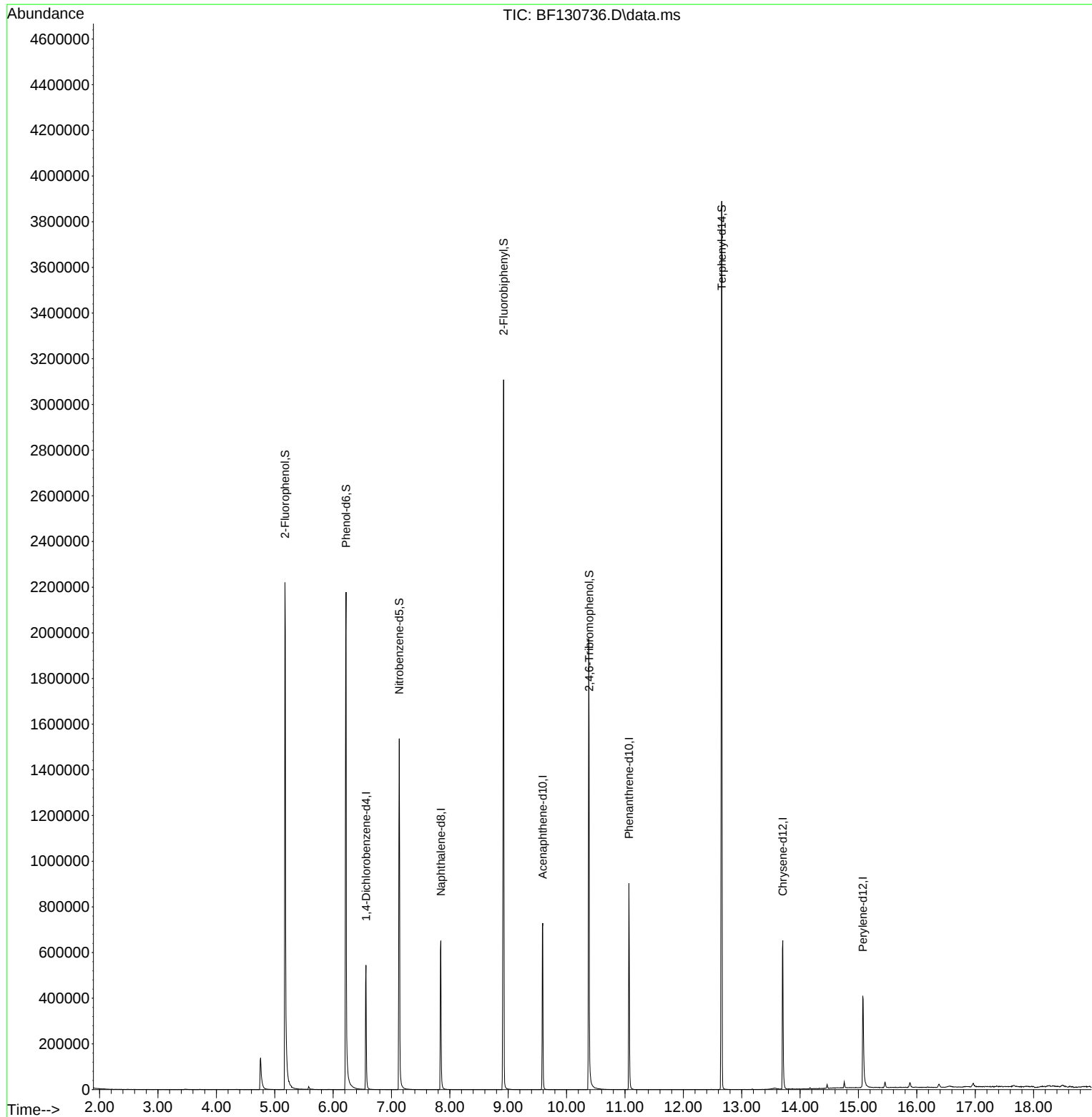
Target Compounds	Qvalue

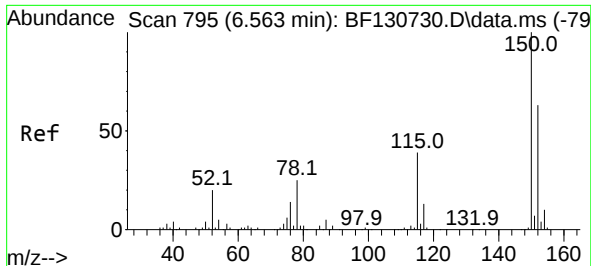
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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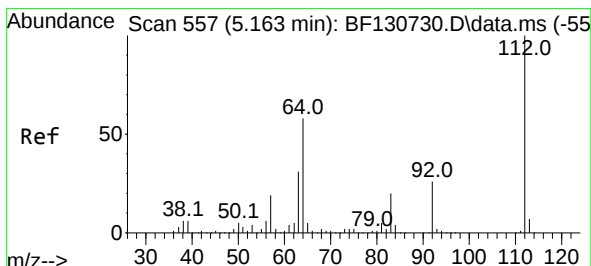
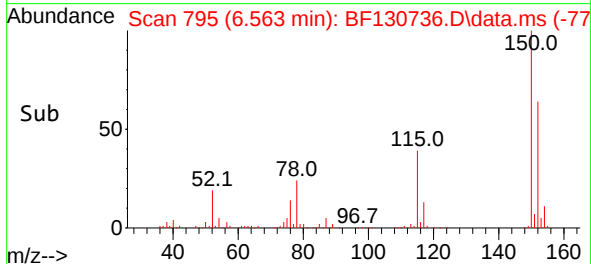
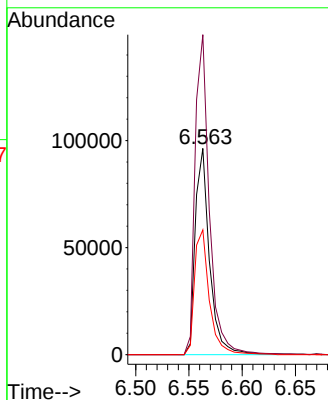
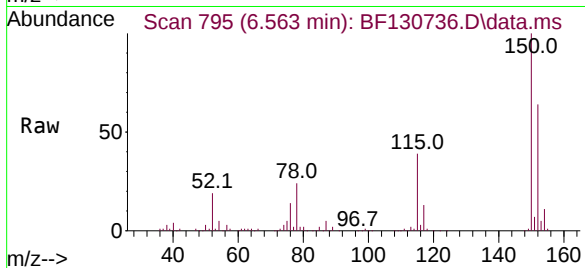




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130736.D
Acq: 20 Oct 2022 20:17

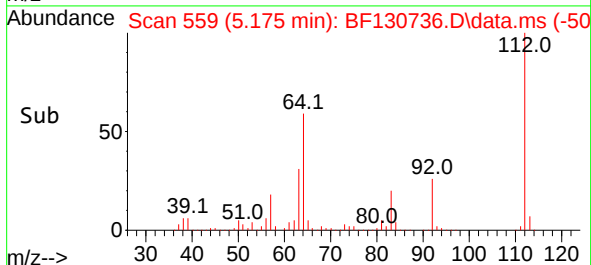
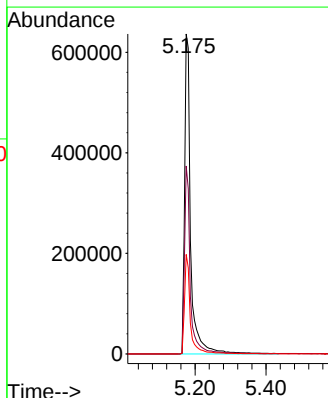
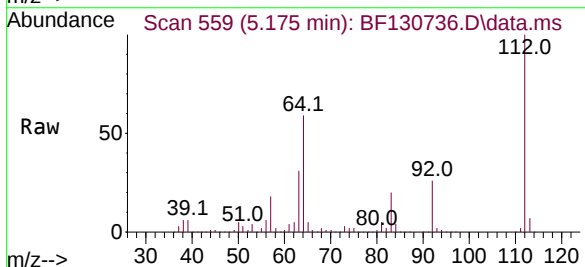
Instrument :
BNA_F
ClientSampleId :
PB148413BL

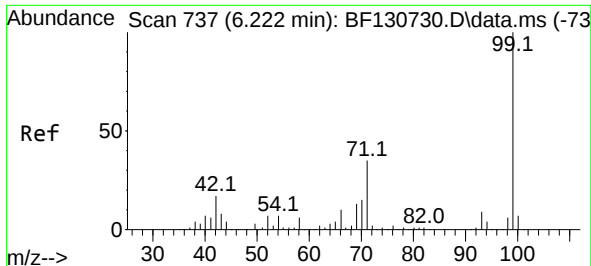
Tgt Ion:152 Resp: 89501
Ion Ratio Lower Upper
152 100
150 155.2 127.0 190.6
115 60.5 49.9 74.9



#5
2-Fluorophenol
Concen: 145.660 ng
RT: 5.175 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF130736.D
Acq: 20 Oct 2022 20:17

Tgt Ion:112 Resp: 756013
Ion Ratio Lower Upper
112 100
64 58.7 46.2 69.4
63 31.1 25.1 37.7

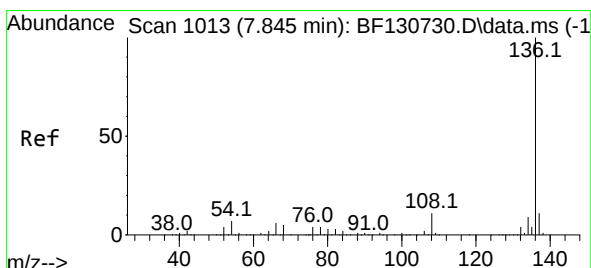
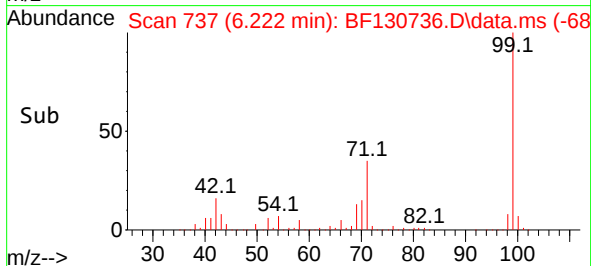
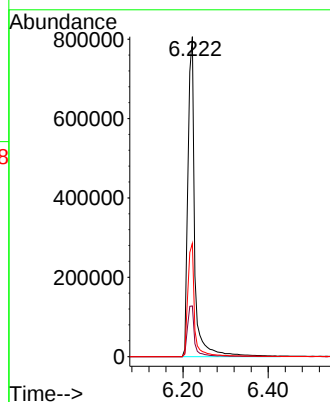
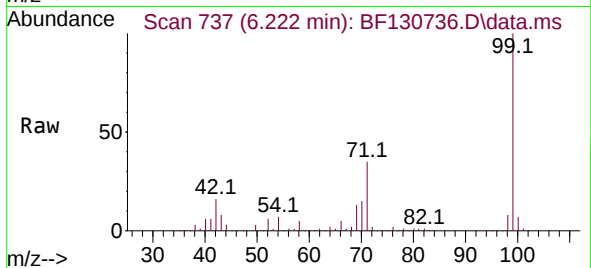




#7
Phenol-d6
Concen: 142.063 ng
RT: 6.222 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF130736.D
Acq: 20 Oct 2022 20:17

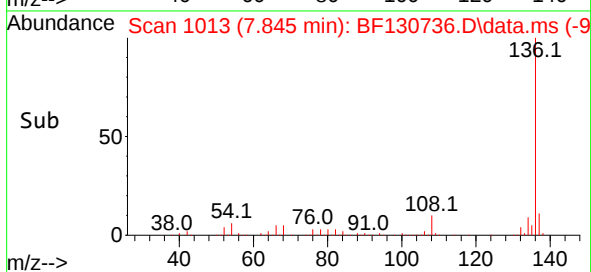
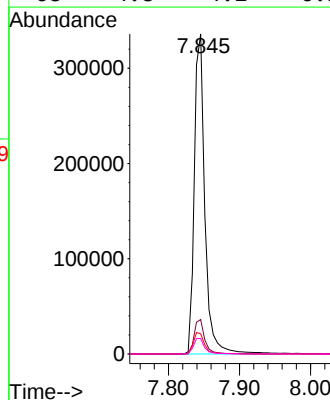
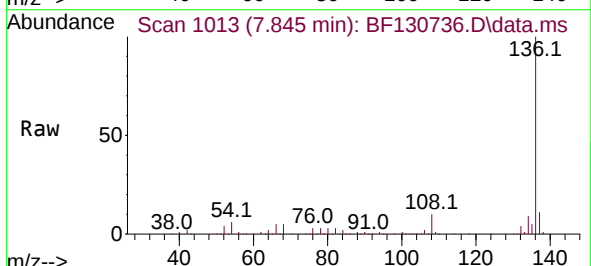
Instrument :
BNA_F
ClientSampleId :
PB148413BL

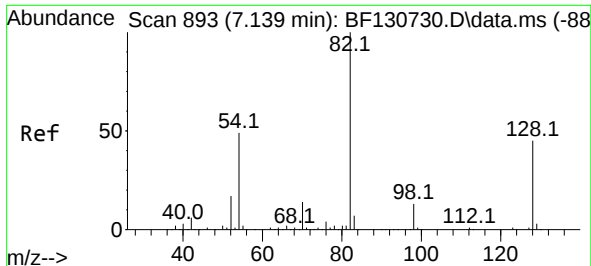
Tgt Ion: 99 Resp: 892125
Ion Ratio Lower Upper
99 100
42 15.8 13.8 20.8
71 35.4 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130736.D
Acq: 20 Oct 2022 20:17

Tgt Ion: 136 Resp: 347894
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.3 5.8 8.8
68 4.8 4.2 6.2





#23

Nitrobenzene-d5

Concen: 88.813 ng

RT: 7.134 min Scan# 89

Delta R.T. -0.005 min

Lab File: BF130736.D

Acq: 20 Oct 2022 20:17

Instrument :

BNA_F

ClientSampleId :

PB148413BL

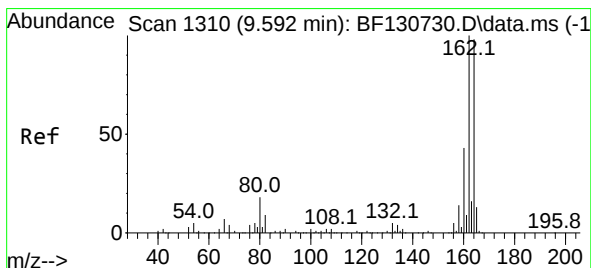
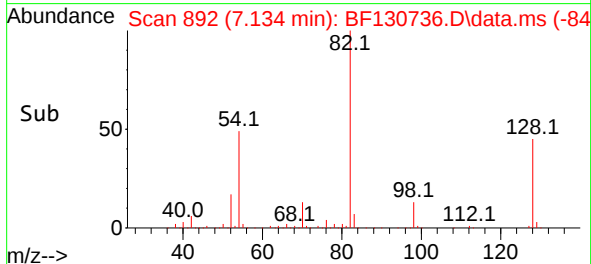
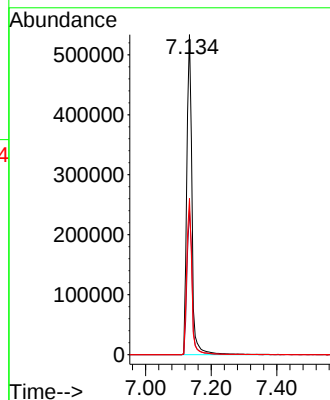
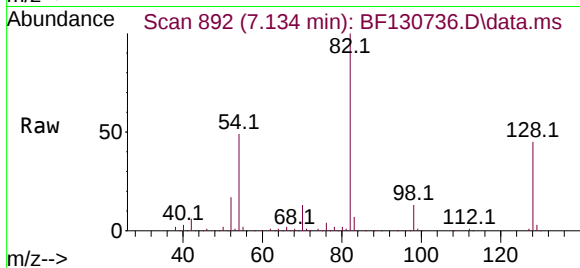
Tgt Ion: 82 Resp: 582447

Ion Ratio Lower Upper

82 100

128 45.2 35.9 53.9

54 48.8 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: BF130736.D

Acq: 20 Oct 2022 20:17

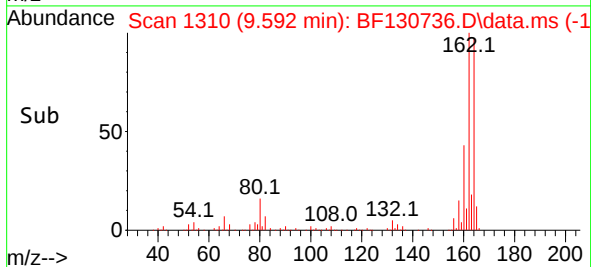
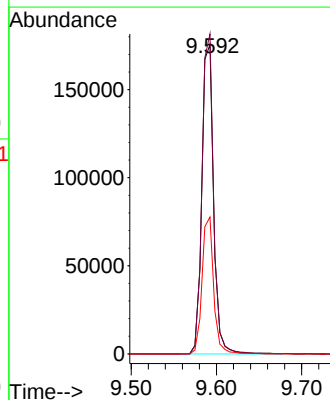
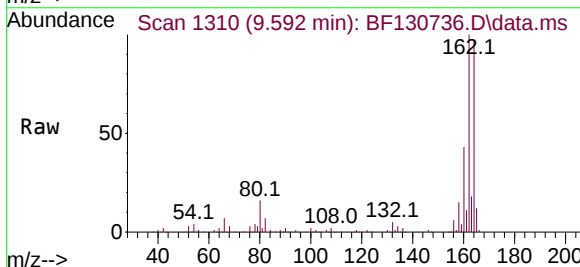
Tgt Ion:164 Resp: 167449

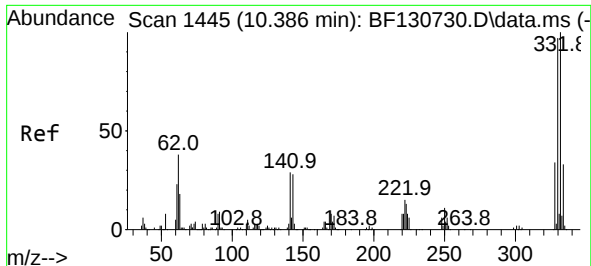
Ion Ratio Lower Upper

164 100

162 103.4 81.4 122.0

160 44.2 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 167.953 ng

RT: 10.386 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF130736.D

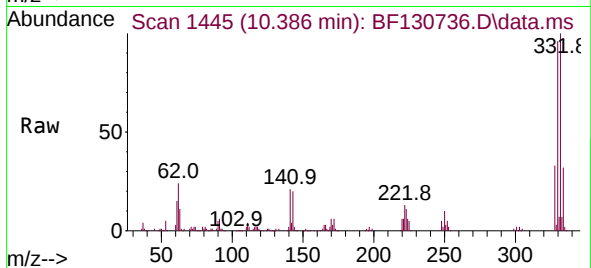
Acq: 20 Oct 2022 20:17

Instrument :

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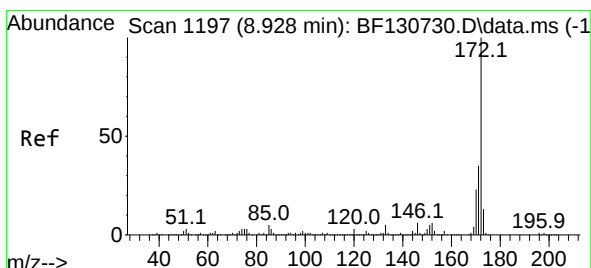
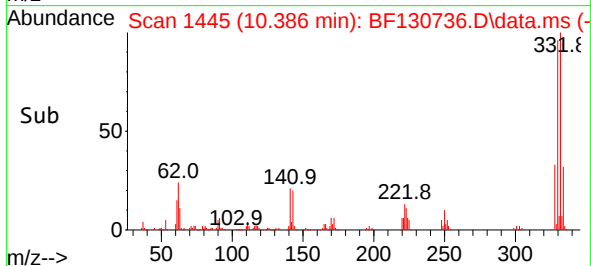
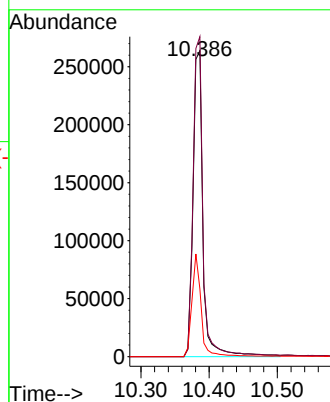
Tgt Ion:330 Resp: 267454

Ion Ratio Lower Upper

330 100

332 104.1 81.4 122.2

141 31.4 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 93.422 ng

RT: 8.922 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF130736.D

Acq: 20 Oct 2022 20:17

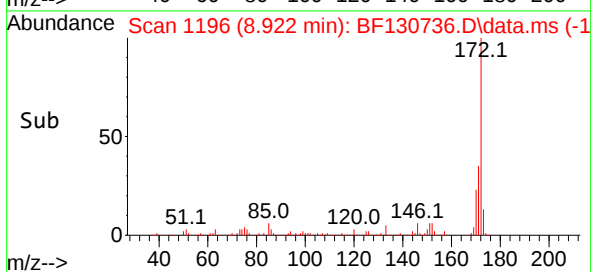
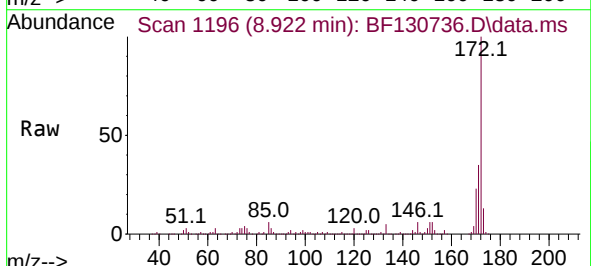
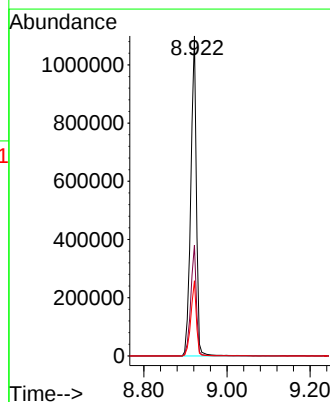
Tgt Ion:172 Resp: 1026513

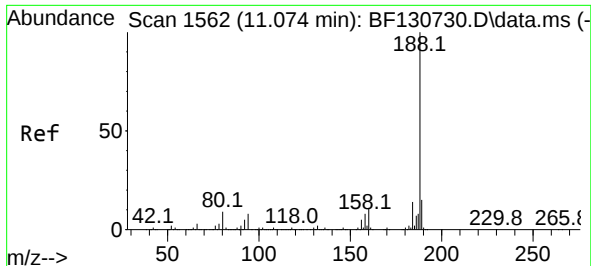
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.5 18.5 27.7

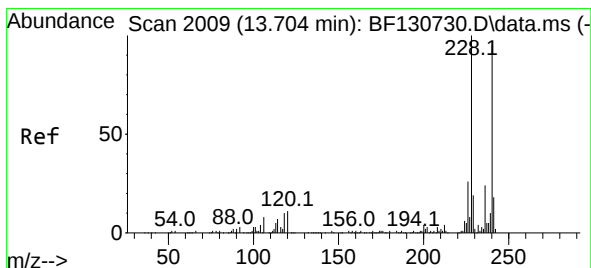
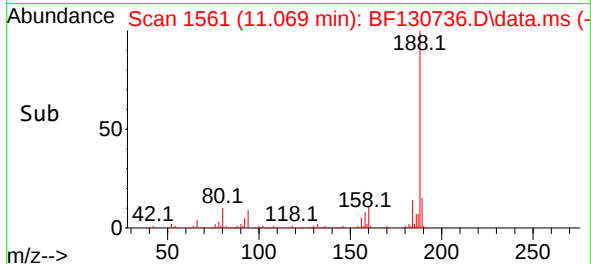
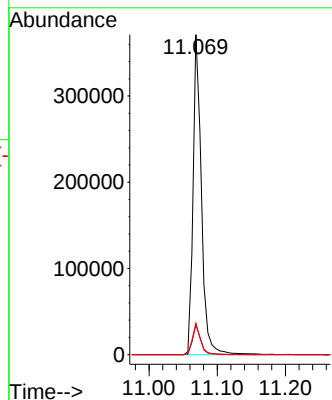
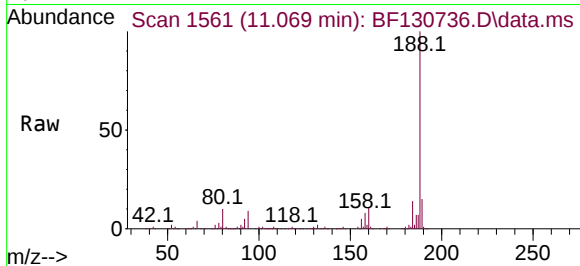




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130736.D
Acq: 20 Oct 2022 20:17

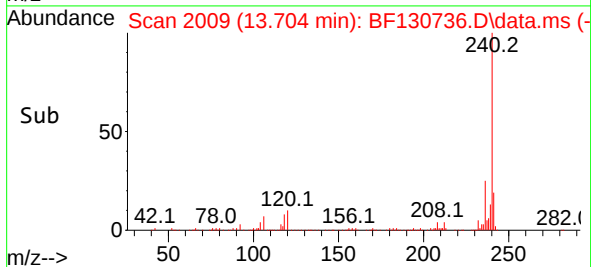
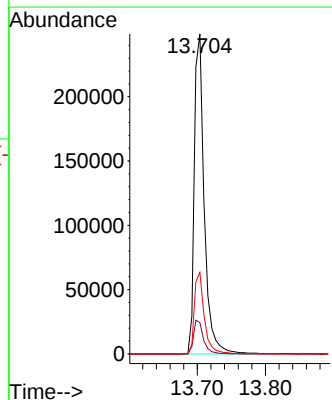
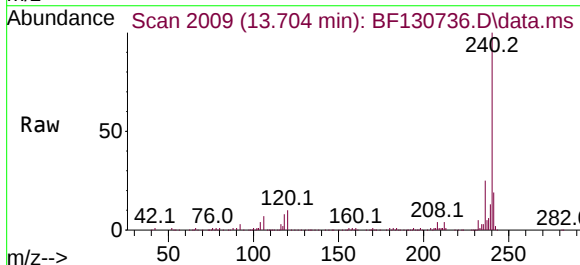
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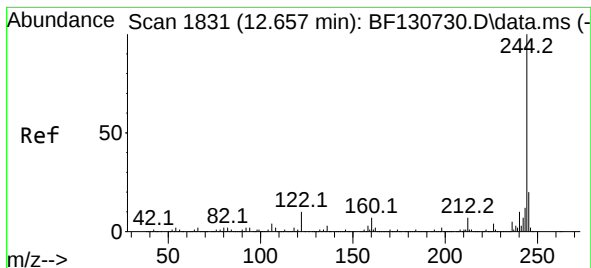
Tgt Ion:188 Resp: 316684
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 9.8 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.704 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF130736.D
Acq: 20 Oct 2022 20:17

Tgt Ion:240 Resp: 253217
Ion Ratio Lower Upper
240 100
120 9.8 9.6 14.4
236 25.5 20.2 30.2





#79

Terphenyl-d14

Concen: 89.700 ng

RT: 12.657 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF130736.D

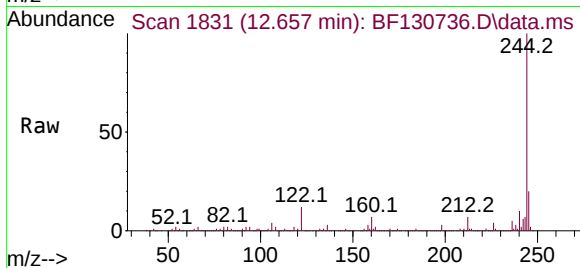
Acq: 20 Oct 2022 20:17

Instrument :

BNA_F

ClientSampleId :

PB148413BL



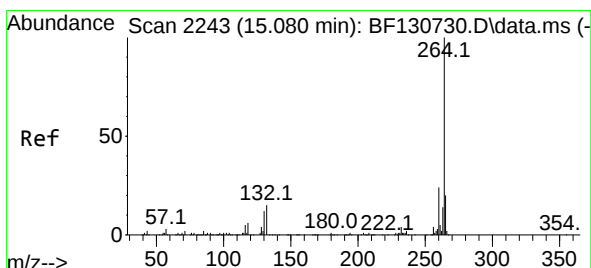
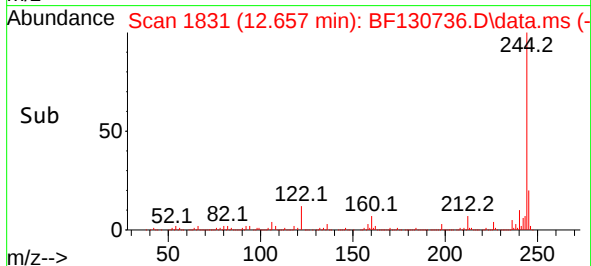
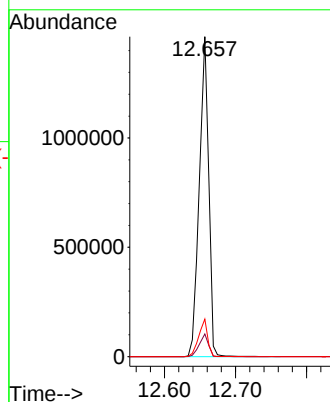
Tgt Ion:244 Resp: 1347842

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 11.7 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.074 min Scan# 2242

Delta R.T. -0.006 min

Lab File: BF130736.D

Acq: 20 Oct 2022 20:17

Tgt Ion:264 Resp: 190746

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.6 16.2 24.4

