

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
 Data File : BF130773.D
 Acq On : 25 Oct 2022 17:16
 Operator : CG\JU
 Sample : N5256-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-F1-COMP

Quant Time: Oct 26 13:49:30 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	138386	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	562796	20.000	ng	# 0.00
39) Acenaphthene-d10	9.592	164	295434	20.000	ng	0.00
64) Phenanthrene-d10	11.069	188	497227	20.000	ng	# 0.00
76) Chrysene-d12	13.704	240	308781	20.000	ng	# 0.00
86) Perylene-d12	15.086	264	284445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	797796	99.412	ng	0.01
7) Phenol-d6	6.222	99	1138052	117.207	ng	0.00
23) Nitrobenzene-d5	7.134	82	692350	65.259	ng	0.00
42) 2,4,6-Tribromophenol	10.381	330	272718	97.068	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	1204812	62.148	ng	0.00
79) Terphenyl-d14	12.657	244	1250557	68.250	ng	0.00

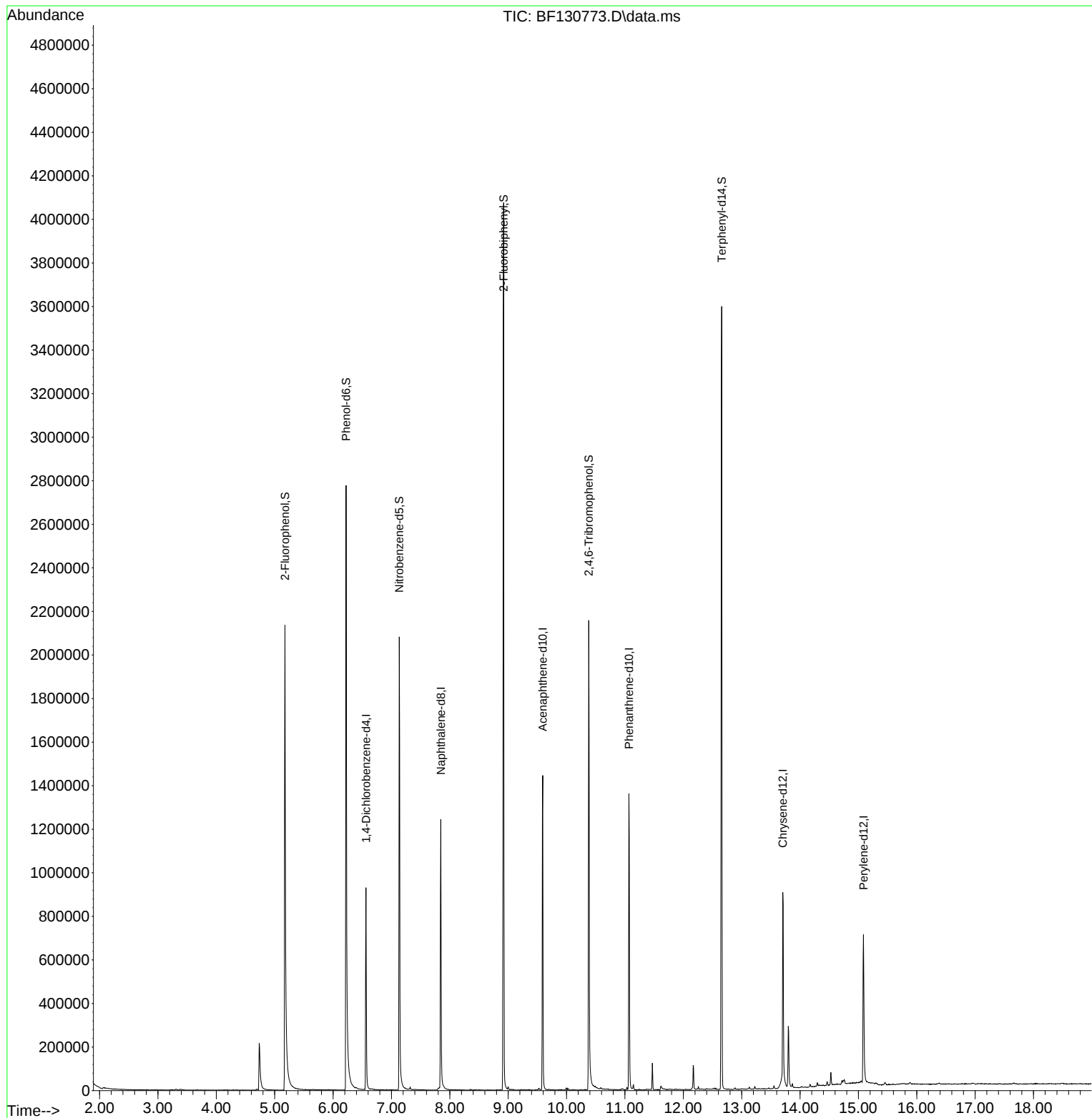
Target Compounds	Qvalue

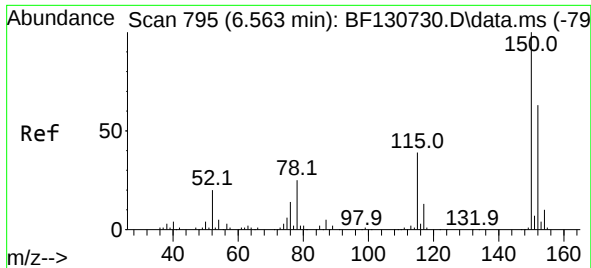
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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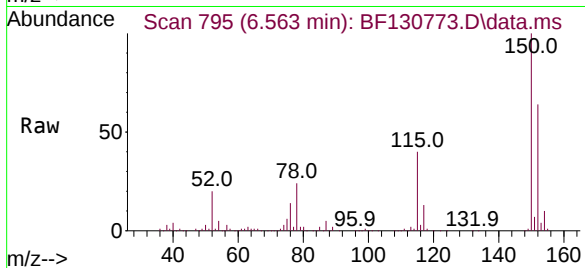
Quant Time: Oct 26 13:49:30 2022
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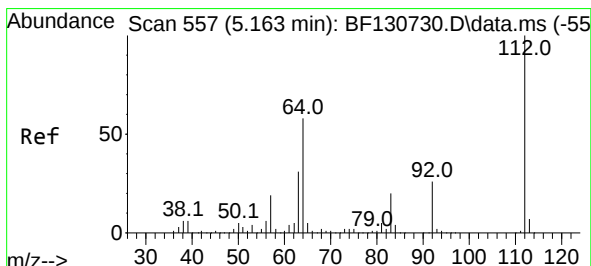
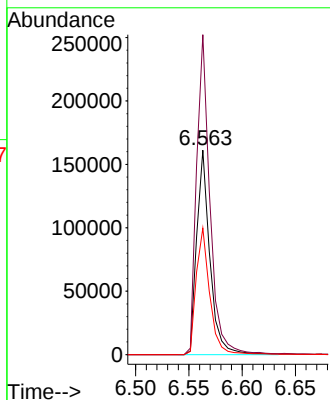
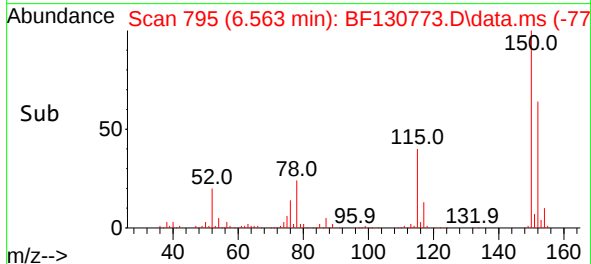


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.563 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF130773.D
 Acq: 25 Oct 2022 17:16

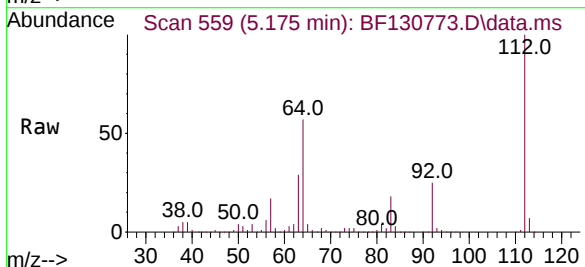
Instrument :
 BNA_F
 ClientSampleId :
 SB-F1-COMP



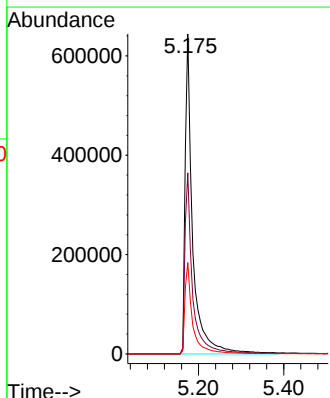
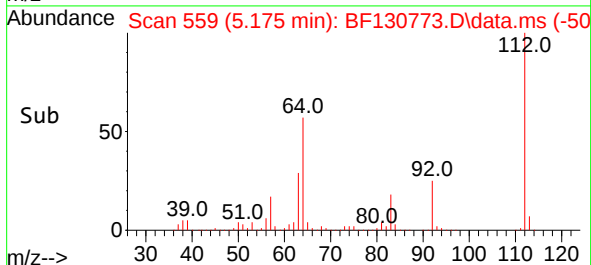
Tgt Ion:152 Resp: 138386
 Ion Ratio Lower Upper
 152 100
 150 156.5 127.0 190.6
 115 61.9 49.9 74.9

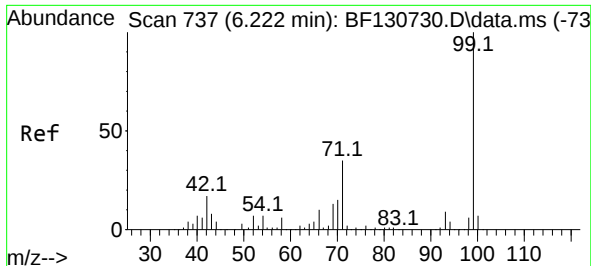


#5
 2-Fluorophenol
 Concen: 99.412 ng
 RT: 5.175 min Scan# 559
 Delta R.T. 0.012 min
 Lab File: BF130773.D
 Acq: 25 Oct 2022 17:16



Tgt Ion:112 Resp: 797796
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.2 69.4
 63 28.5 25.1 37.7

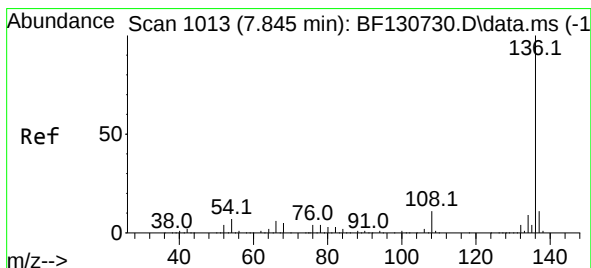
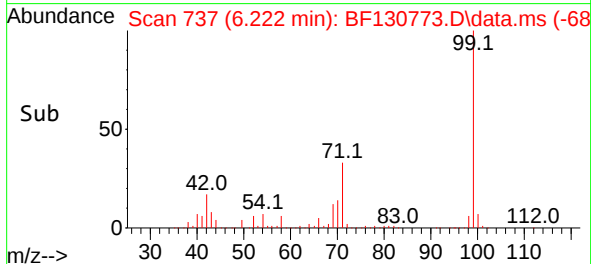
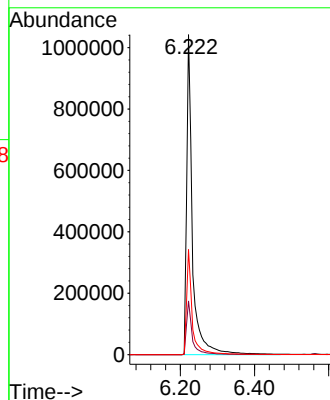
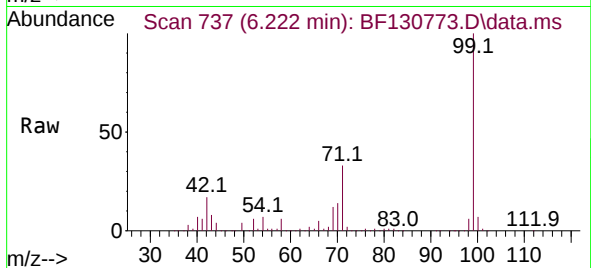




#7
Phenol-d6
Concen: 117.207 ng
RT: 6.222 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16

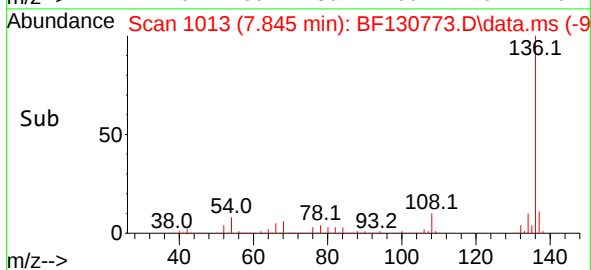
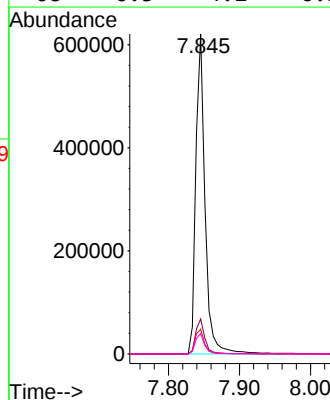
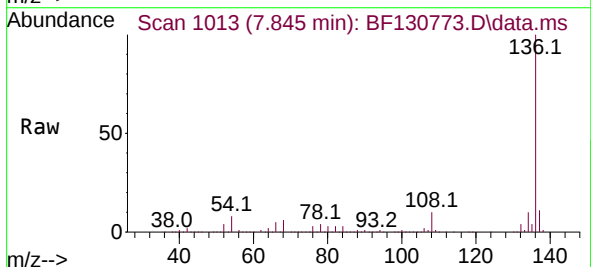
Instrument :
BNA_F
ClientSampleId :
SB-F1-COMP

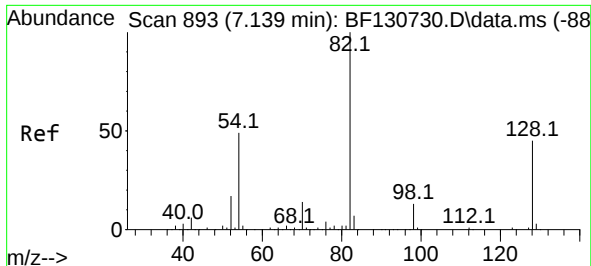
Tgt Ion: 99 Resp: 1138052
Ion Ratio Lower Upper
99 100
42 16.8 13.8 20.8
71 32.8 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130773.D
Acq: 25 Oct 2022 17:16

Tgt Ion: 136 Resp: 562796
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.7 5.8 8.8
68 6.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 65.259 ng

RT: 7.134 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF130773.D

Acq: 25 Oct 2022 17:16

Instrument :

BNA_F

ClientSampleId :

SB-F1-COMP

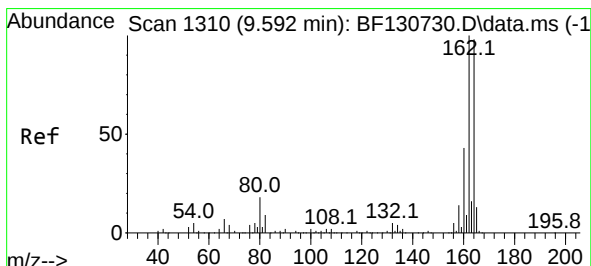
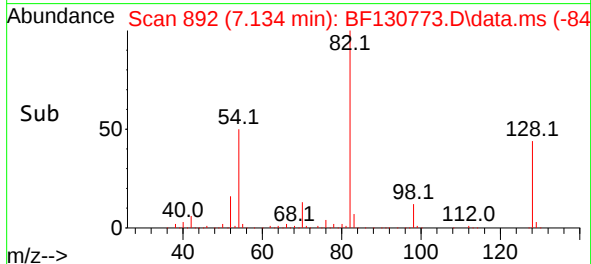
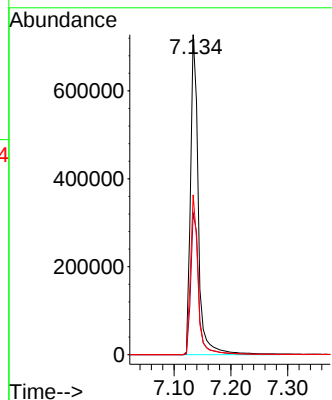
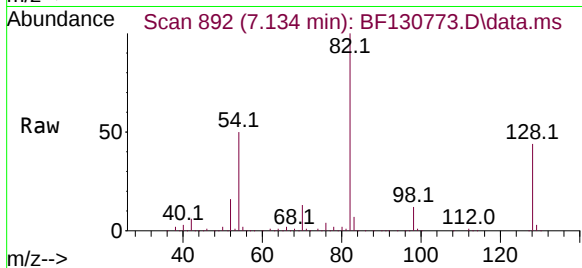
Tgt Ion: 82 Resp: 692350

Ion Ratio Lower Upper

82 100

128 44.2 35.9 53.9

54 49.9 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: BF130773.D

Acq: 25 Oct 2022 17:16

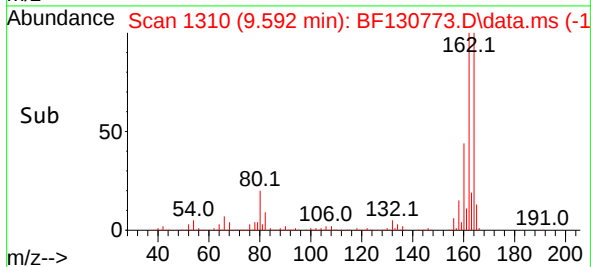
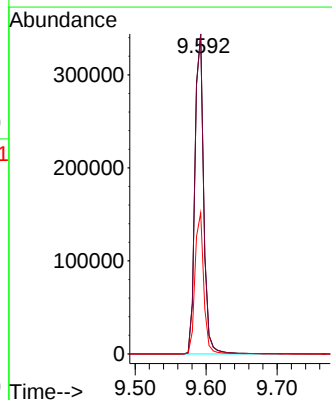
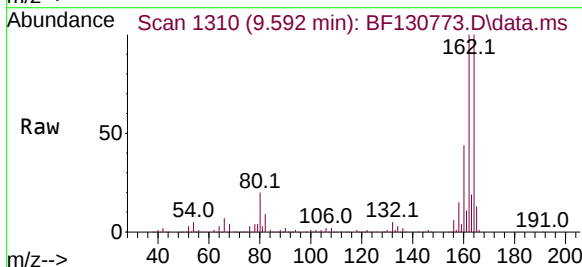
Tgt Ion: 164 Resp: 295434

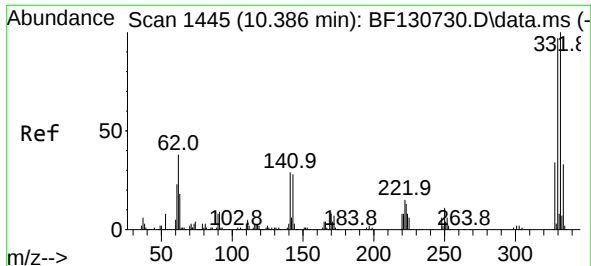
Ion Ratio Lower Upper

164 100

162 99.9 81.4 122.0

160 44.1 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 97.068 ng

RT: 10.381 min Scan# 1445

Delta R.T. -0.005 min

Lab File: BF130773.D

Acq: 25 Oct 2022 17:16

Instrument :

BNA_F

ClientSampleId :

SB-F1-COMP

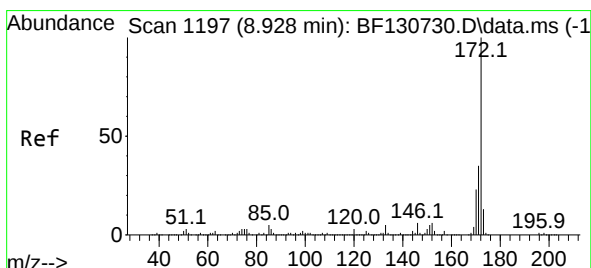
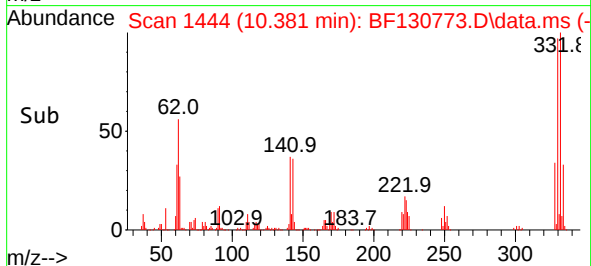
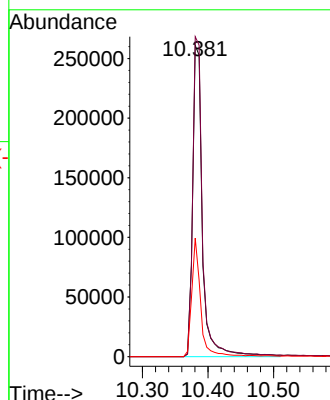
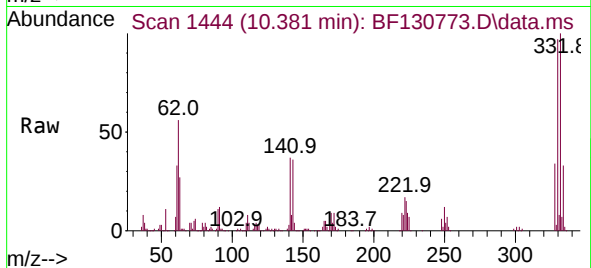
Tgt Ion:330 Resp: 272718

Ion Ratio Lower Upper

330 100

332 104.3 81.4 122.2

141 34.6 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 62.148 ng

RT: 8.922 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF130773.D

Acq: 25 Oct 2022 17:16

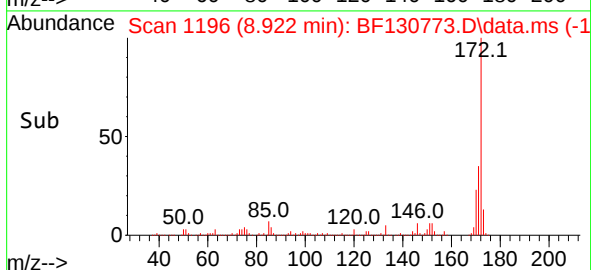
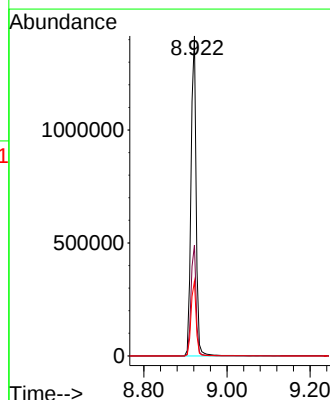
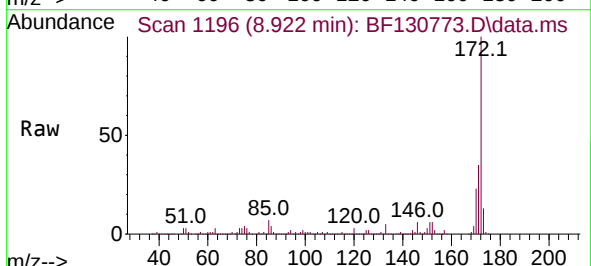
Tgt Ion:172 Resp: 1204812

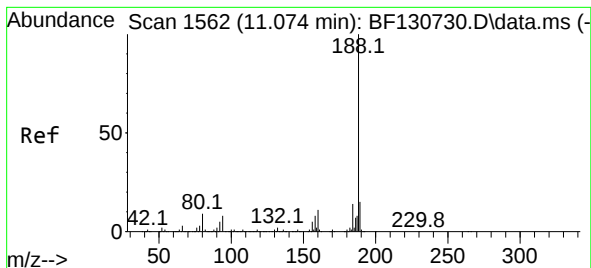
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.3 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: BF130773.D

Acq: 25 Oct 2022 17:16

Instrument :

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SB-F1-COMP

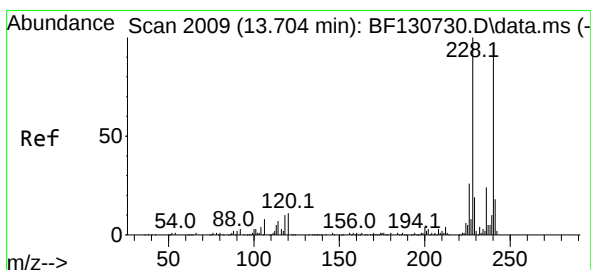
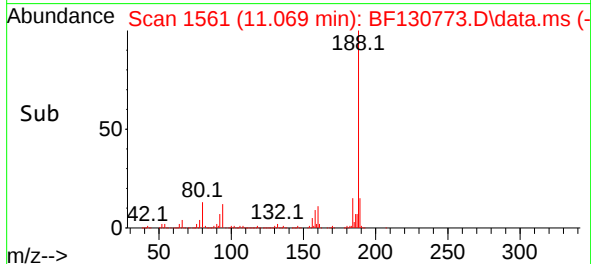
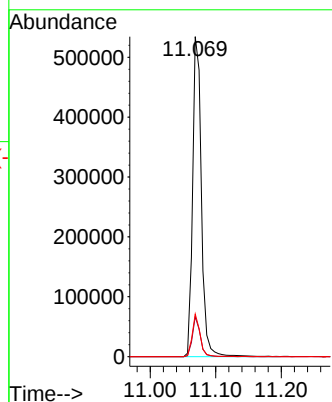
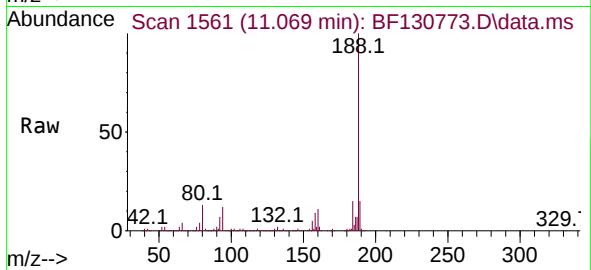
Tgt Ion:188 Resp: 497227

Ion Ratio Lower Upper

188 100

94 12.5 6.7 10.1#

80 13.3 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: BF130773.D

Acq: 25 Oct 2022 17:16

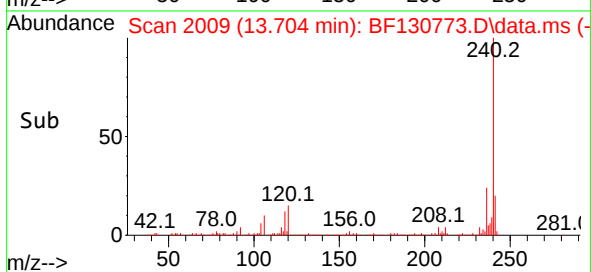
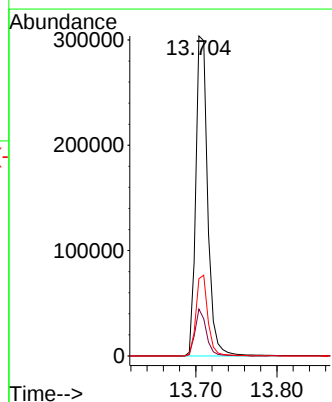
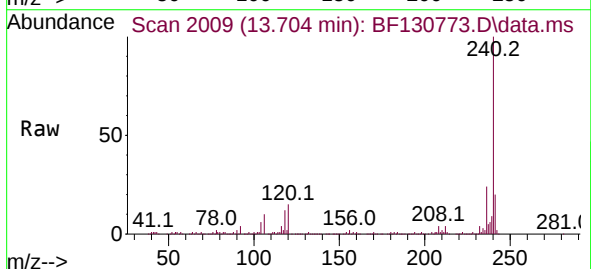
Tgt Ion:240 Resp: 308781

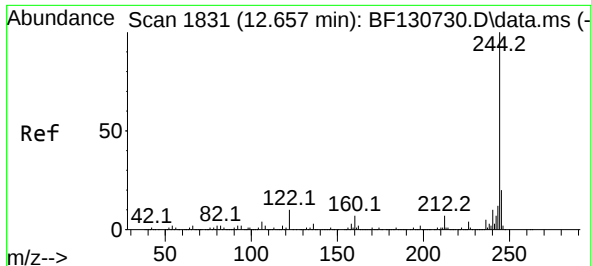
Ion Ratio Lower Upper

240 100

120 14.6 9.6 14.4#

236 24.1 20.2 30.2

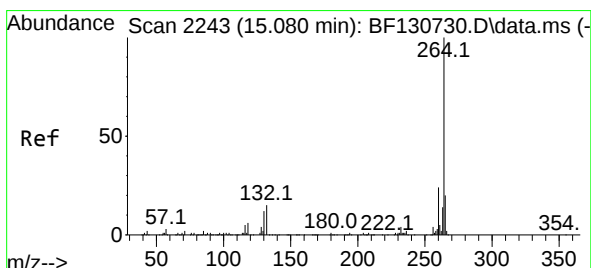
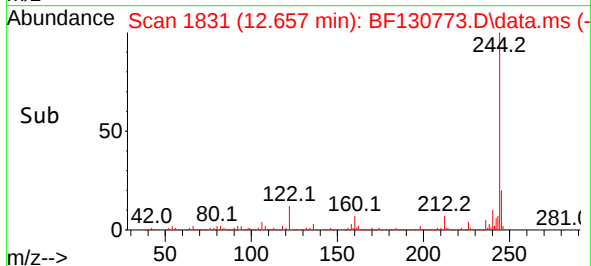
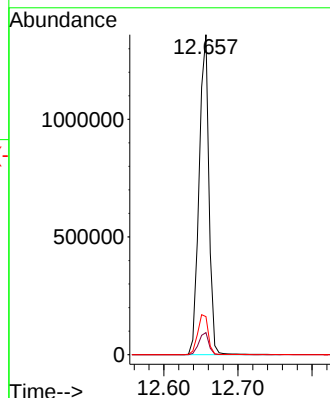
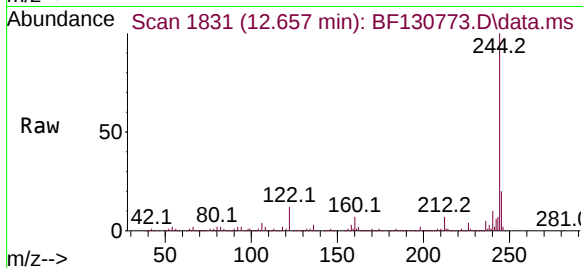




#79
 Terphenyl-d14
 Concen: 68.250 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130773.D
 Acq: 25 Oct 2022 17:16

Instrument :
 BNA_F
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 SB-F1-COMP

Tgt Ion:244 Resp: 1250557
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.9 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 2244
 Delta R.T. 0.006 min
 Lab File: BF130773.D
 Acq: 25 Oct 2022 17:16

Tgt Ion:264 Resp: 284445
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.4 16.2 24.4

