

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102422\
 Data File : BF130758.D
 Acq On : 24 Oct 2022 12:38
 Operator : CG\JU
 Sample : PB148413BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148413BL

Quant Time: Oct 24 17:27:52 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	92285	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	339215	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	189913	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	345067	20.000	ng	0.00
76) Chrysene-d12	13.710	240	296957	20.000	ng	0.00
86) Perylene-d12	15.086	264	272758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	833328	155.713	ng	0.02
7) Phenol-d6	6.228	99	1004084	155.068	ng	0.00
23) Nitrobenzene-d5	7.139	82	574871	89.901	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	280080	155.078	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	1156888	92.833	ng	0.00
79) Terphenyl-d14	12.663	244	1503128	85.300	ng	0.00

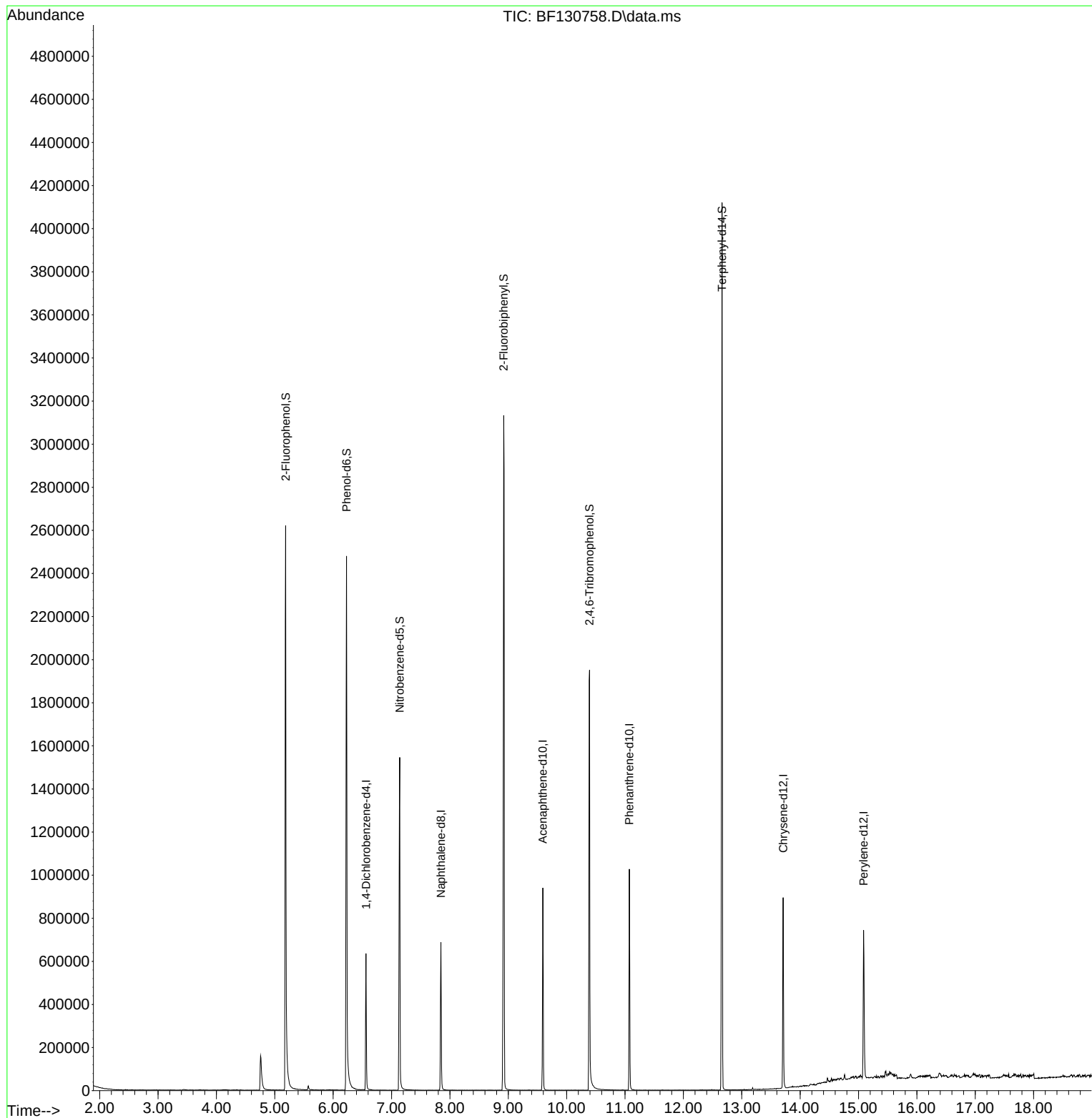
Target Compounds	Qvalue

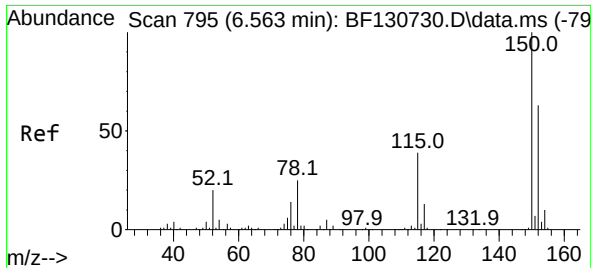
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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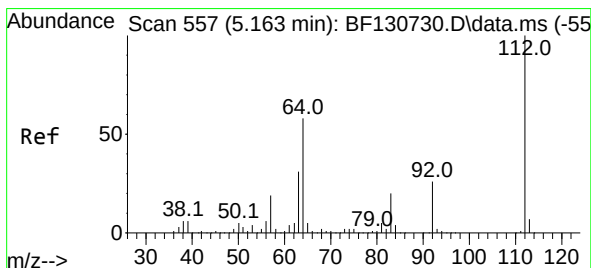
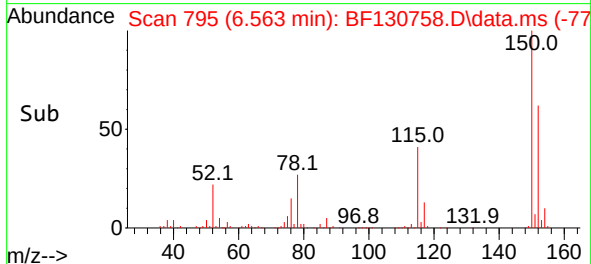
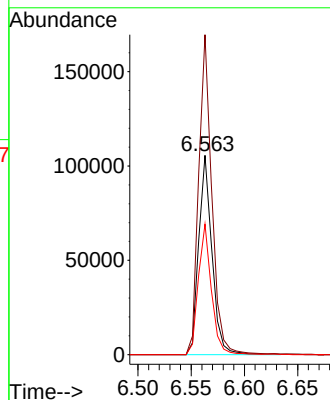
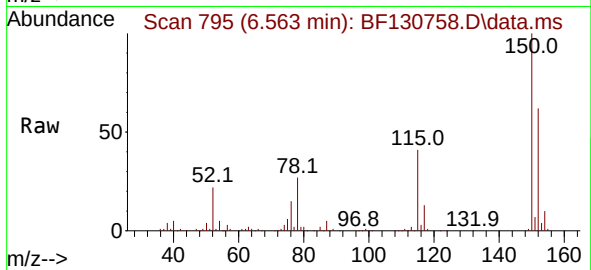




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38

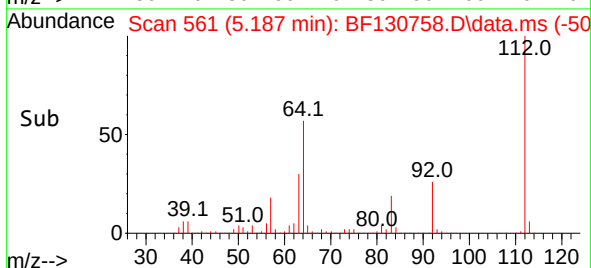
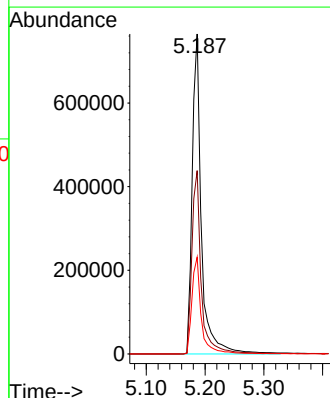
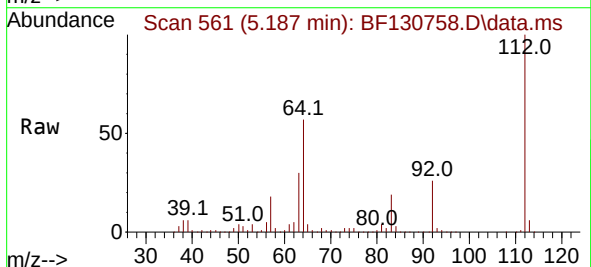
Instrument :
BNA_F
ClientSampleId :
PB148413BL

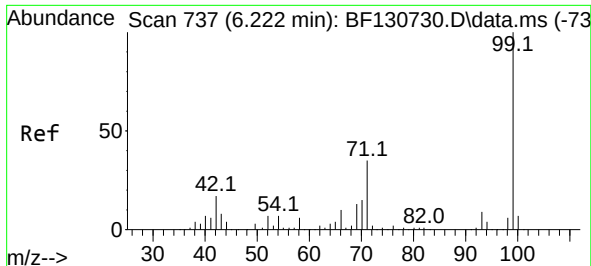
Tgt Ion:152 Resp: 92285
Ion Ratio Lower Upper
152 100
150 160.6 127.0 190.6
115 65.5 49.9 74.9



#5
2-Fluorophenol
Concen: 155.713 ng
RT: 5.187 min Scan# 561
Delta R.T. 0.024 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38

Tgt Ion:112 Resp: 833328
Ion Ratio Lower Upper
112 100
64 57.3 46.2 69.4
63 30.3 25.1 37.7



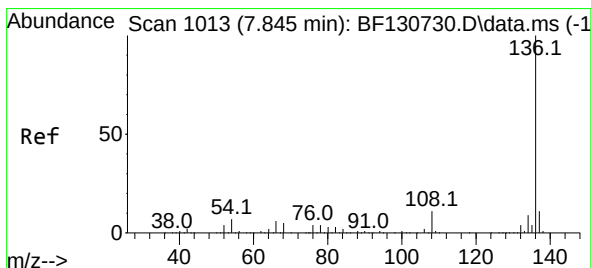
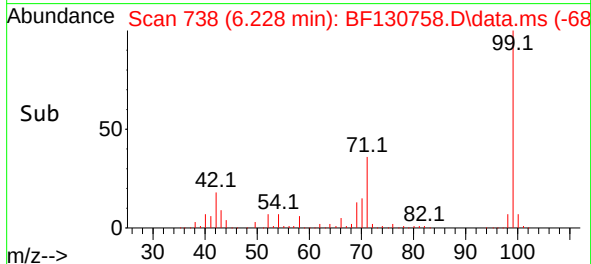
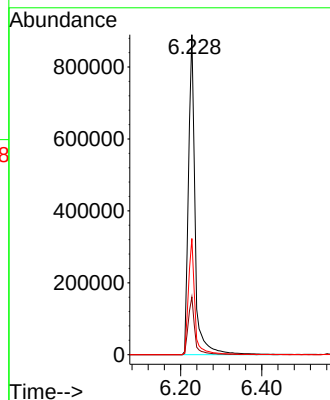
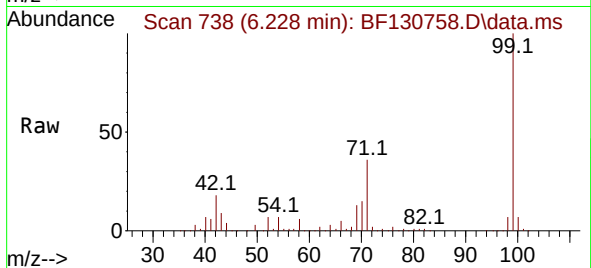


#7
Phenol-d6
Concen: 155.068 ng
RT: 6.228 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38

Instrument :
BNA_F
ClientSampleId :
PB148413BL

Tgt Ion: 99 Resp: 1004084

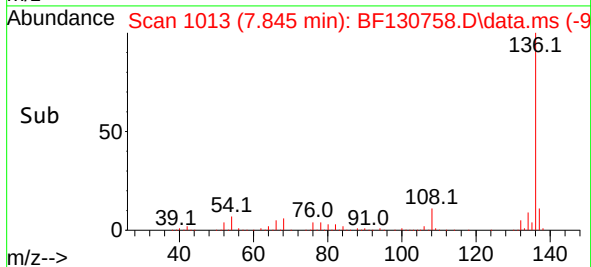
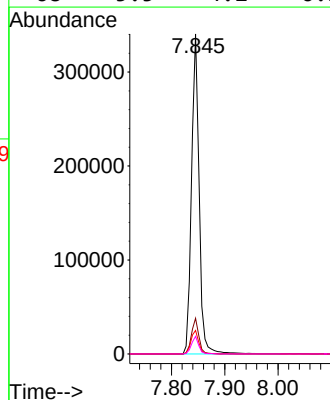
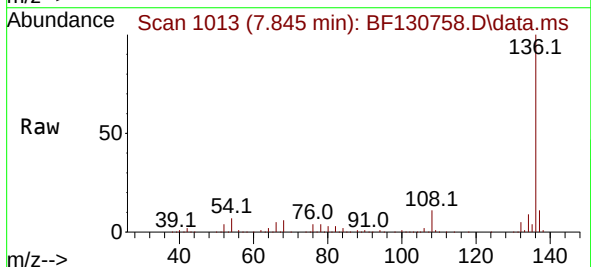
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.8	20.8
71	36.3	28.3	42.5

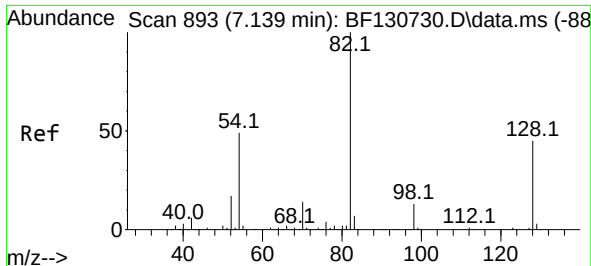


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130758.D
Acq: 24 Oct 2022 12:38

Tgt Ion: 136 Resp: 339215

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.3	5.8	8.8
68	5.5	4.2	6.2

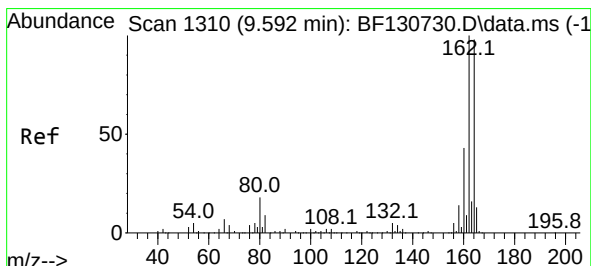
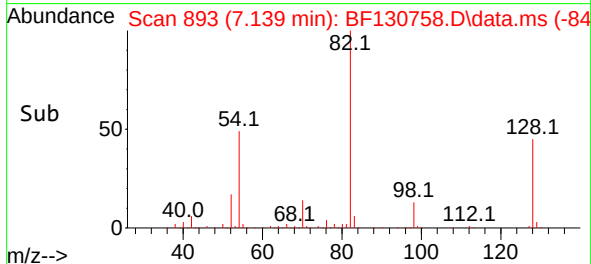
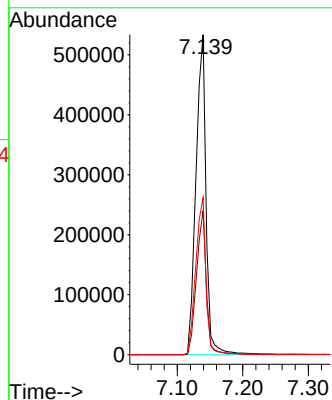
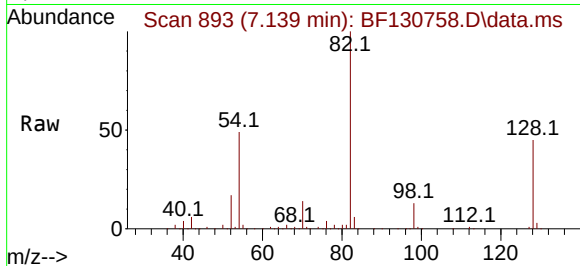




#23
 Nitrobenzene-d5
 Concen: 89.901 ng
 RT: 7.139 min Scan# 893
 Delta R.T. 0.000 min
 Lab File: BF130758.D
 Acq: 24 Oct 2022 12:38

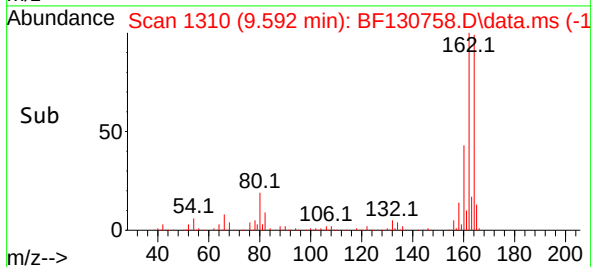
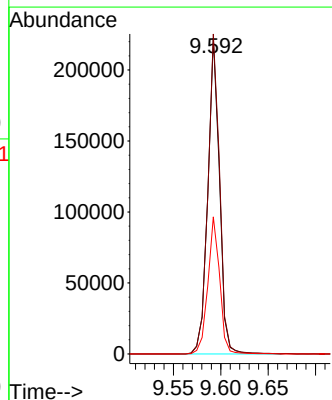
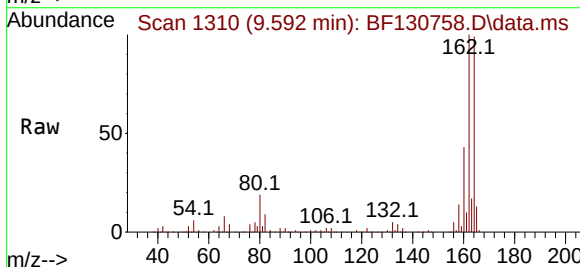
Instrument :
 BNA_F
 ClientSampleId :
 PB148413BL

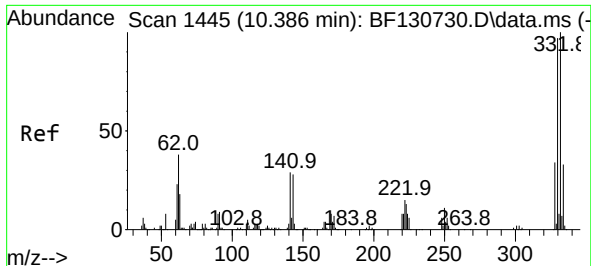
Tgt Ion: 82 Resp: 574871
 Ion Ratio Lower Upper
 82 100
 128 45.0 35.9 53.9
 54 49.0 39.2 58.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.592 min Scan# 1310
 Delta R.T. 0.000 min
 Lab File: BF130758.D
 Acq: 24 Oct 2022 12:38

Tgt Ion: 164 Resp: 189913
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.4 122.0
 160 43.4 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 155.078 ng

RT: 10.392 min Scan# 1446

Delta R.T. 0.006 min

Lab File: BF130758.D

Acq: 24 Oct 2022 12:38

Instrument :

BNA_F

ClientSampleId :

PB148413BL

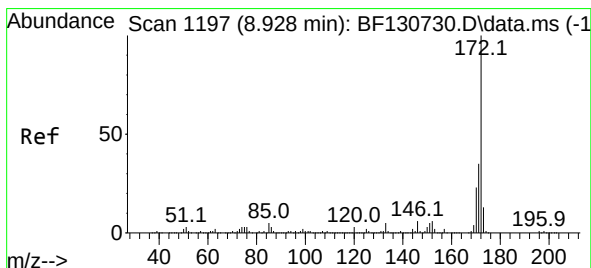
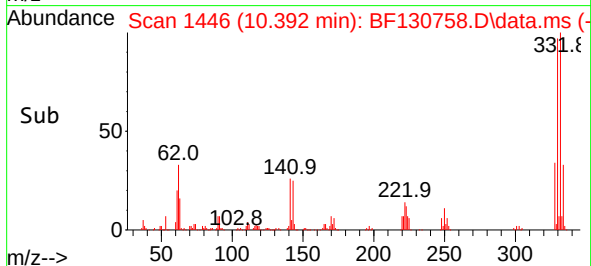
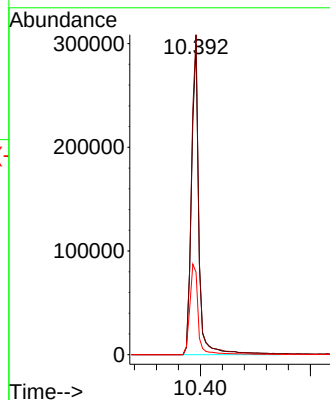
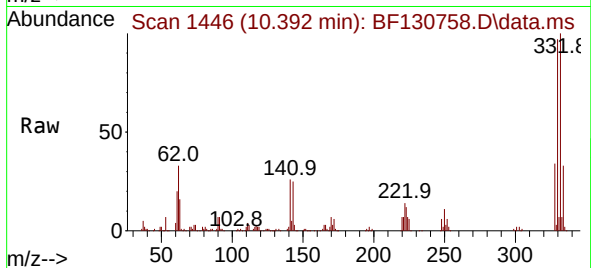
Tgt Ion:330 Resp: 280080

Ion Ratio Lower Upper

330 100

332 104.2 81.4 122.2

141 33.2 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 92.833 ng

RT: 8.922 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF130758.D

Acq: 24 Oct 2022 12:38

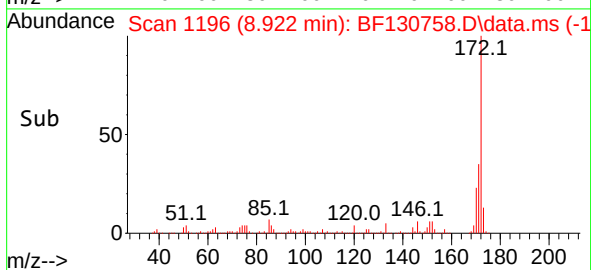
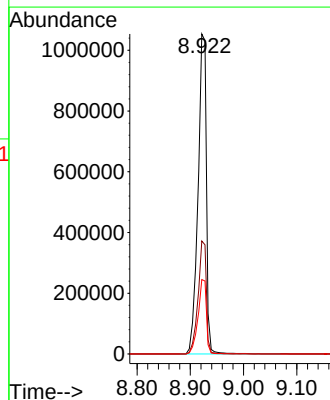
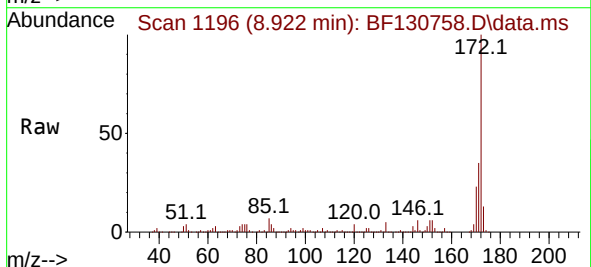
Tgt Ion:172 Resp: 1156888

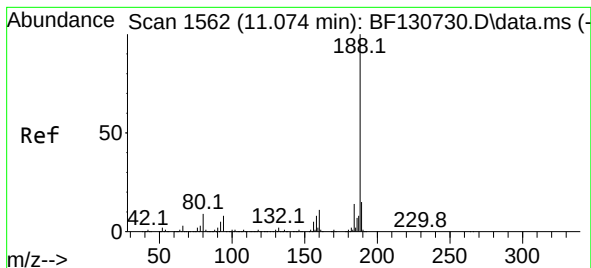
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.3 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.074 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130758.D

Acq: 24 Oct 2022 12:38

Instrument :

BNA_F

ClientSampleId :

PB148413BL

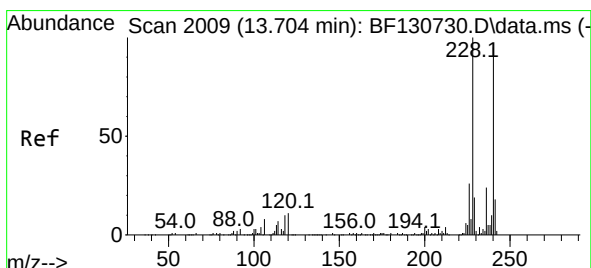
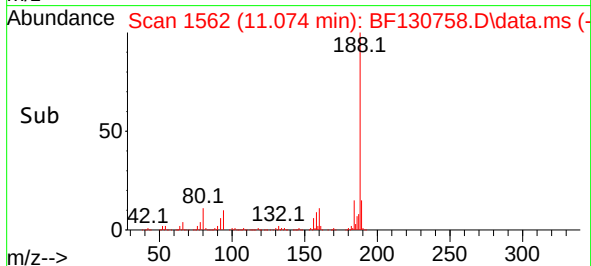
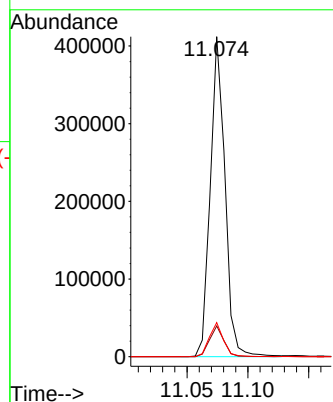
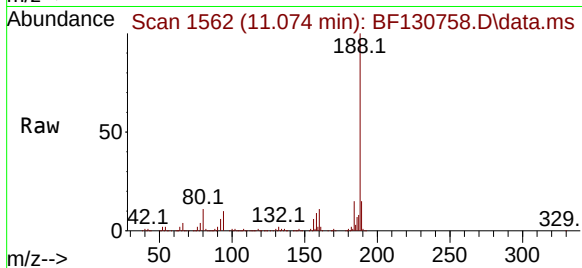
Tgt Ion:188 Resp: 345067

Ion Ratio Lower Upper

188 100

94 9.6 6.7 10.1

80 10.7 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.710 min Scan# 2010

Delta R.T. 0.005 min

Lab File: BF130758.D

Acq: 24 Oct 2022 12:38

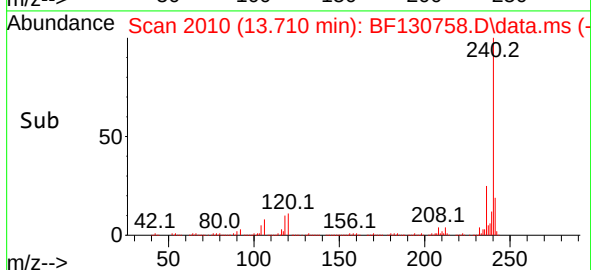
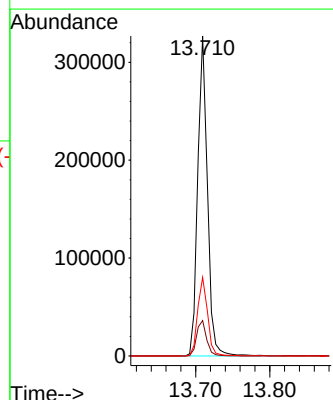
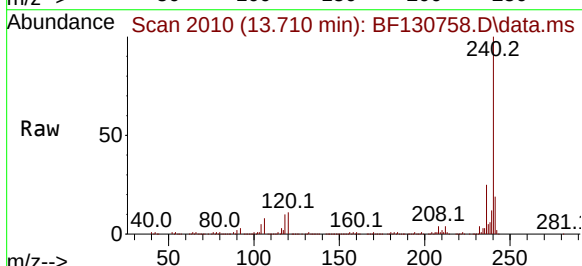
Tgt Ion:240 Resp: 296957

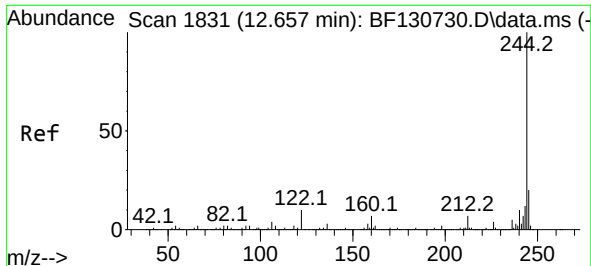
Ion Ratio Lower Upper

240 100

120 11.0 9.6 14.4

236 24.6 20.2 30.2

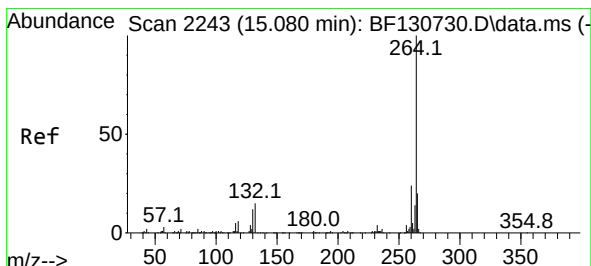
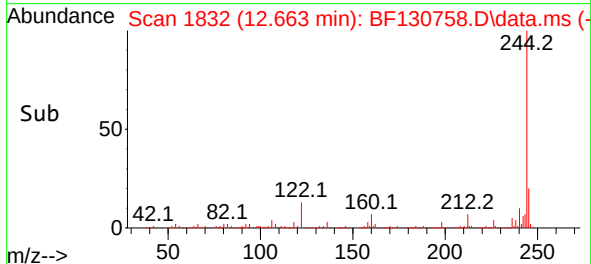
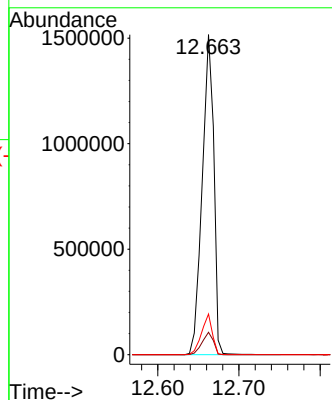
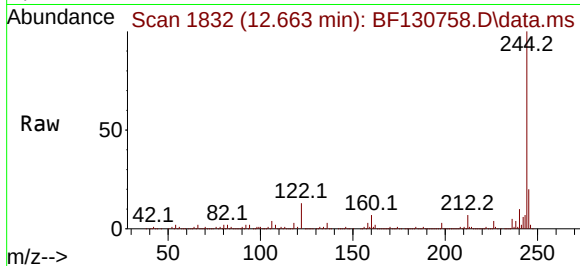




#79
 Terphenyl-d14
 Concen: 85.300 ng
 RT: 12.663 min Scan# 1831
 Delta R.T. 0.005 min
 Lab File: BF130758.D
 Acq: 24 Oct 2022 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB148413BL

Tgt Ion:244 Resp: 1503128
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.7 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: BF130758.D
 Acq: 24 Oct 2022 12:38

Tgt Ion:264 Resp: 272758
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 22.1 16.2 24.4

