

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
 Data File : BF130716.D
 Acq On : 19 Oct 2022 17:57
 Operator : CG\JU
 Sample : PB148423BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148423BL

Quant Time: Oct 20 02:45:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.569	152	74473	20.000	ng	0.00
21) Naphthalene-d8	7.851	136	301454	20.000	ng	0.00
39) Acenaphthene-d10	9.598	164	163600	20.000	ng	-0.01
64) Phenanthrene-d10	11.080	188	302522	20.000	ng	0.00
76) Chrysene-d12	13.710	240	195935	20.000	ng	-0.01
86) Perylene-d12	15.086	264	156189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	851519	206.102	ng	0.02
7) Phenol-d6	6.228	99	860797	165.713	ng	0.00
23) Nitrobenzene-d5	7.139	82	538400	97.499	ng	-0.01
42) 2,4,6-Tribromophenol	10.392	330	285591	178.403	ng	0.00
45) 2-Fluorobiphenyl	8.928	172	1089020	100.831	ng	-0.01
79) Terphenyl-d14	12.668	244	1298952	110.032	ng	0.00

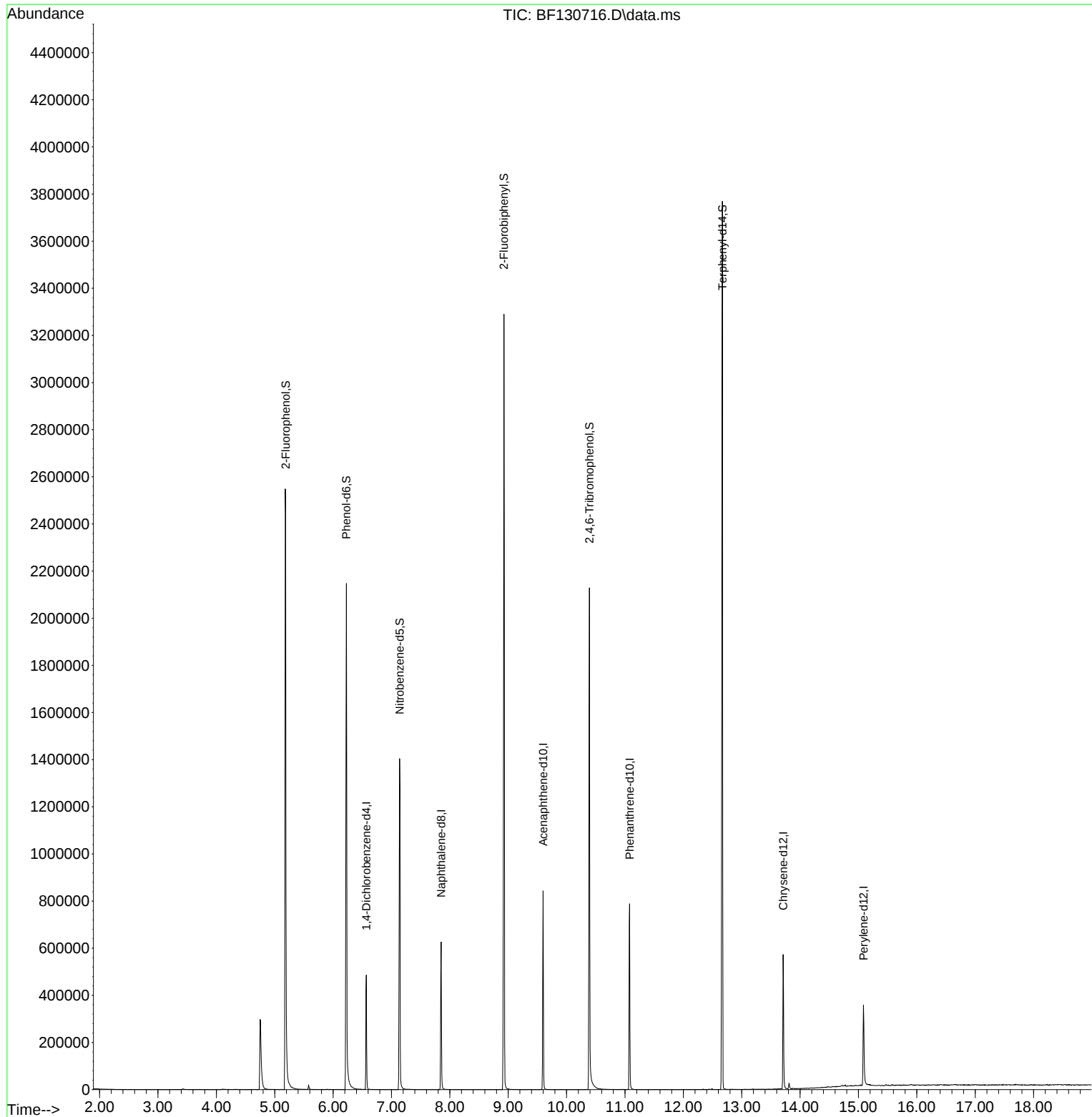
Target Compounds	Qvalue

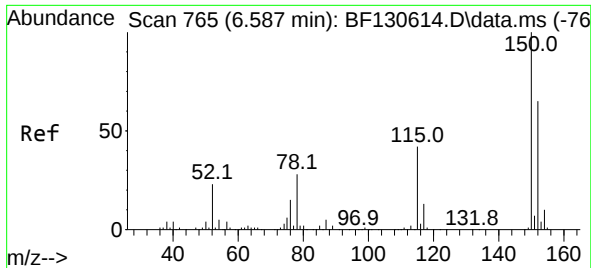
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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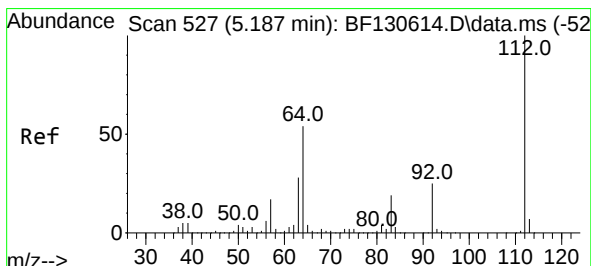
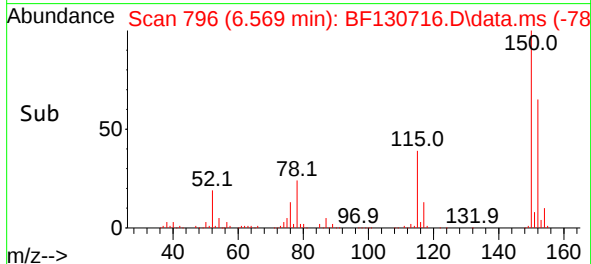
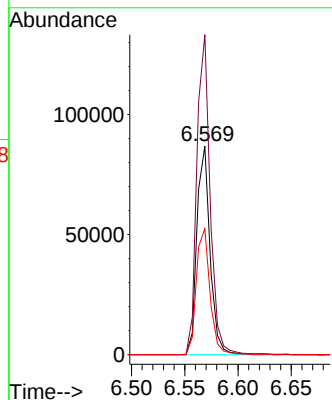
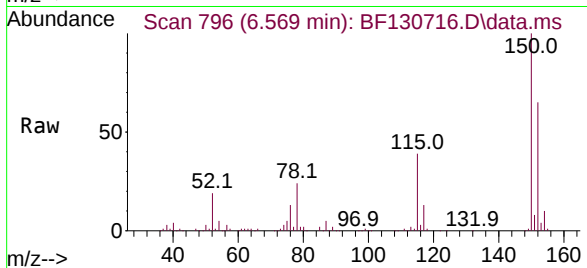




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.569 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

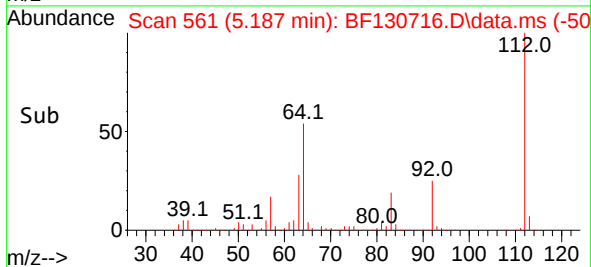
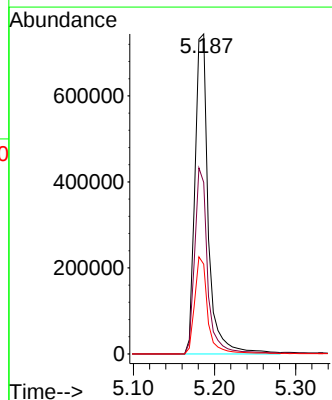
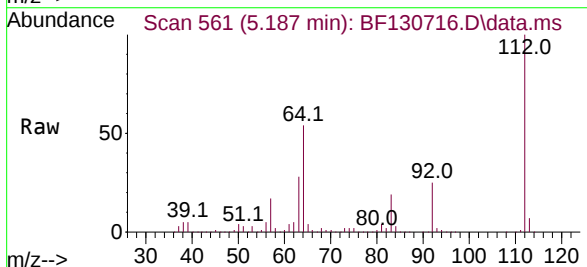
Instrument :
BNA_F
ClientSampleId :
PB148423BL

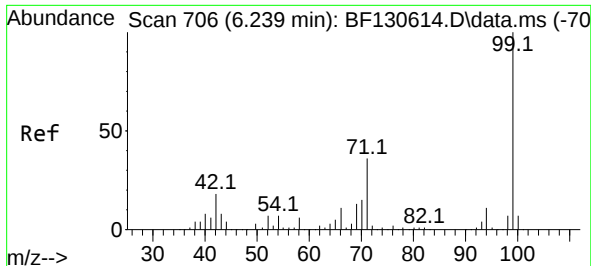
Tgt Ion:152 Resp: 74473
Ion Ratio Lower Upper
152 100
150 153.5 123.8 185.6
115 60.4 52.2 78.4



#5
2-Fluorophenol
Concen: 206.102 ng
RT: 5.187 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

Tgt Ion:112 Resp: 851519
Ion Ratio Lower Upper
112 100
64 53.6 43.5 65.3
63 28.1 22.6 34.0





#7

Phenol-d6

Concen: 165.713 ng

RT: 6.228 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF130716.D

Acq: 19 Oct 2022 17:57

Instrument :

BNA_F

ClientSampleId :

PB148423BL

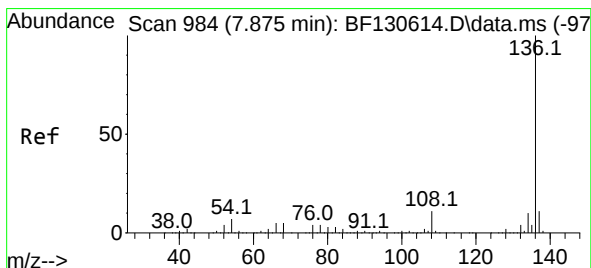
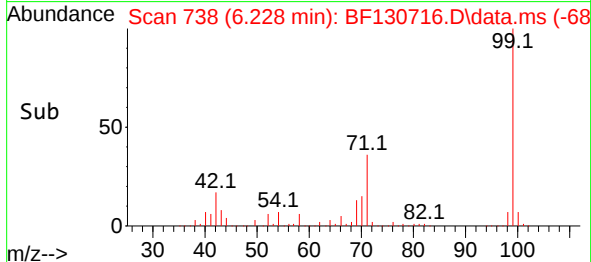
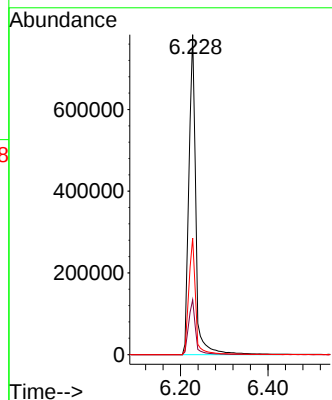
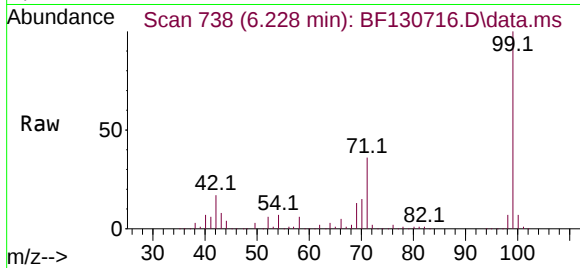
Tgt Ion: 99 Resp: 860797

Ion Ratio Lower Upper

99 100

42 17.1 14.0 21.0

71 36.4 28.8 43.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.851 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF130716.D

Acq: 19 Oct 2022 17:57

Tgt Ion: 136 Resp: 301454

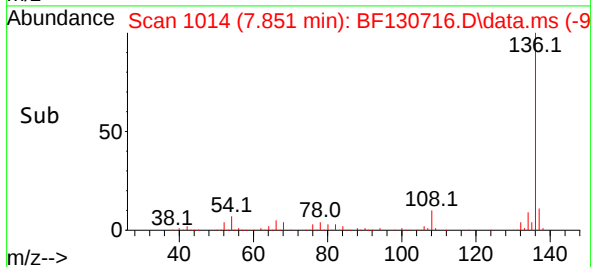
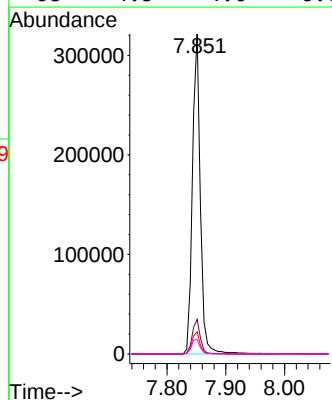
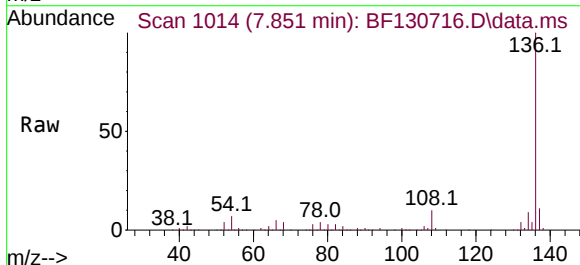
Ion Ratio Lower Upper

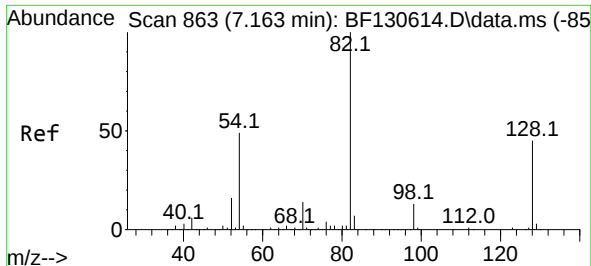
136 100

137 10.8 8.4 12.6

54 6.9 5.5 8.3

68 4.5 4.0 6.0

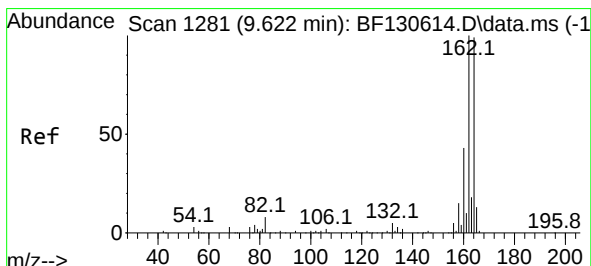
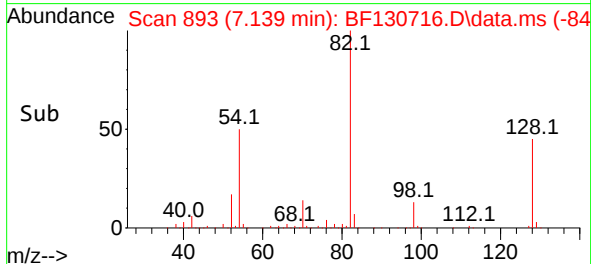
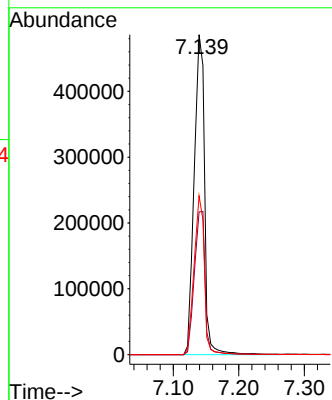
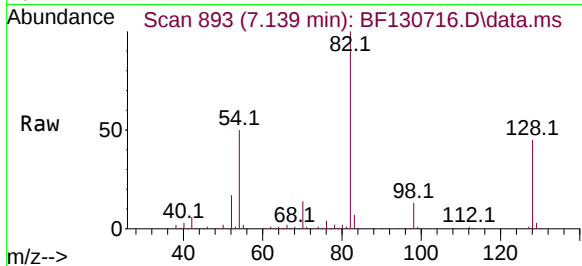




#23
 Nitrobenzene-d5
 Concen: 97.499 ng
 RT: 7.139 min Scan# 89
 Delta R.T. -0.012 min
 Lab File: BF130716.D
 Acq: 19 Oct 2022 17:57

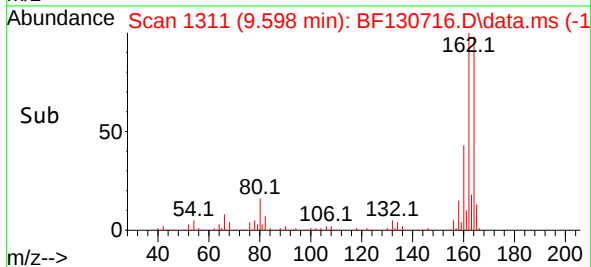
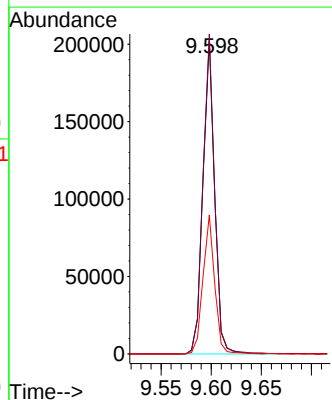
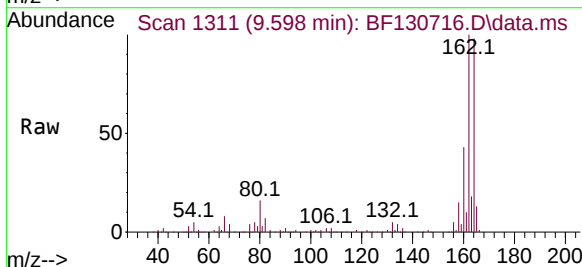
Instrument :
 BNA_F
 ClientSampleId :
 PB148423BL

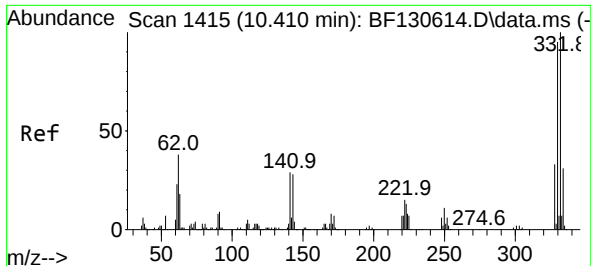
Tgt Ion: 82 Resp: 538400
 Ion Ratio Lower Upper
 82 100
 128 44.6 35.8 53.6
 54 49.6 39.3 58.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.598 min Scan# 1311
 Delta R.T. -0.012 min
 Lab File: BF130716.D
 Acq: 19 Oct 2022 17:57

Tgt Ion:164 Resp: 163600
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.0 121.4
 160 44.3 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 178.403 ng

RT: 10.392 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130716.D

Acq: 19 Oct 2022 17:57

Instrument :

BNA_F

ClientSampleId :

PB148423BL

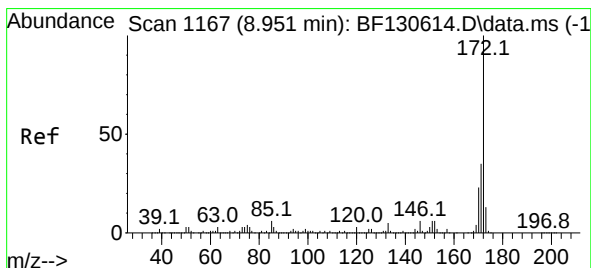
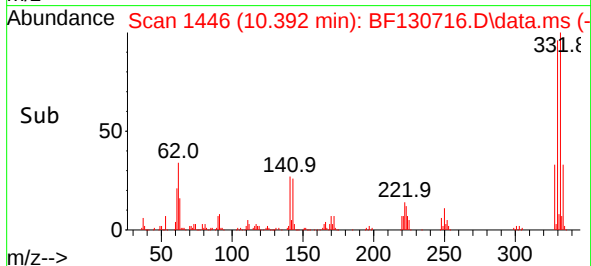
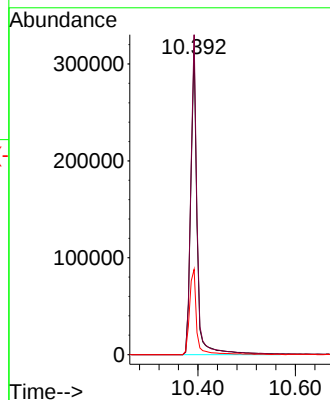
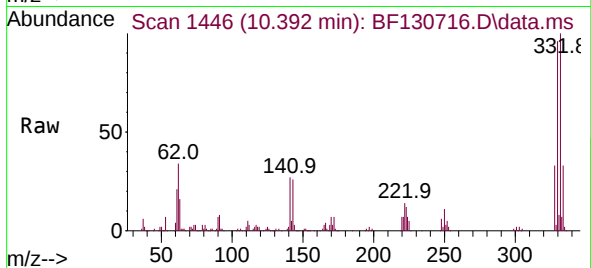
Tgt Ion:330 Resp: 285591

Ion Ratio Lower Upper

330 100

332 103.2 84.2 126.4

141 31.2 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 100.831 ng

RT: 8.928 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF130716.D

Acq: 19 Oct 2022 17:57

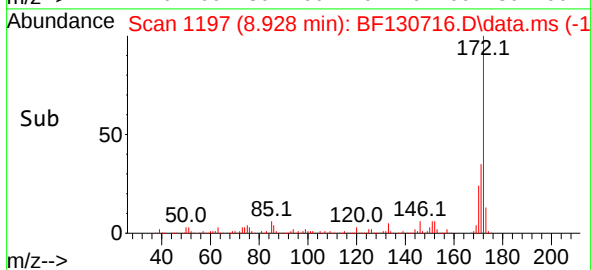
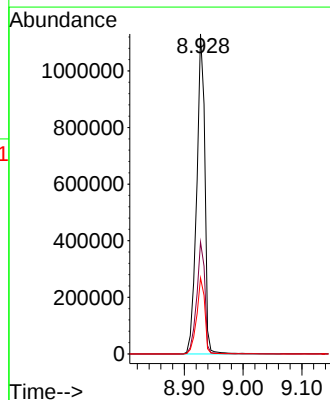
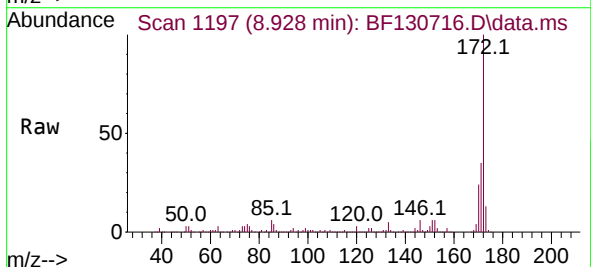
Tgt Ion:172 Resp: 1089020

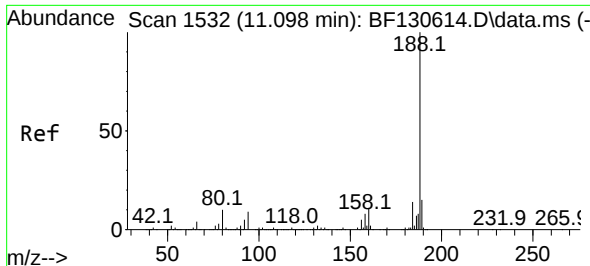
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.8

170 23.7 18.6 27.8

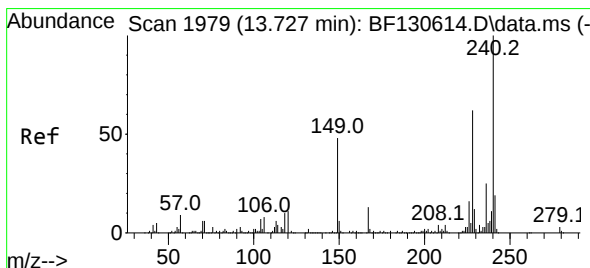
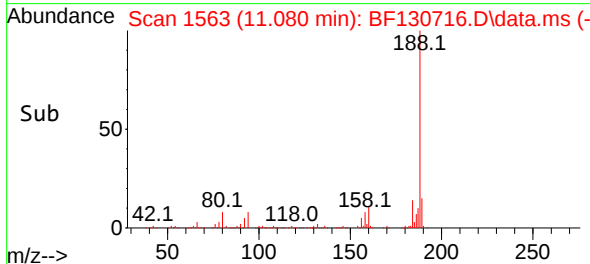
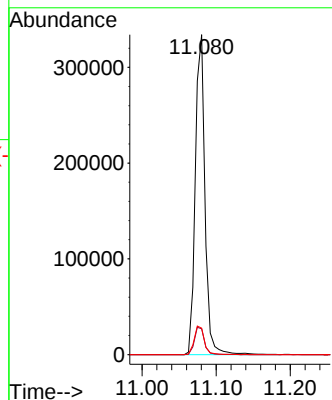
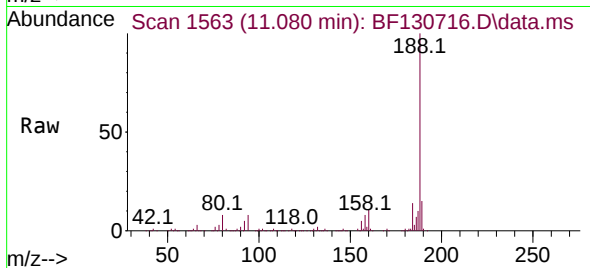




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

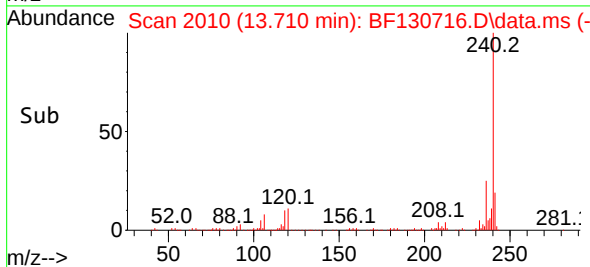
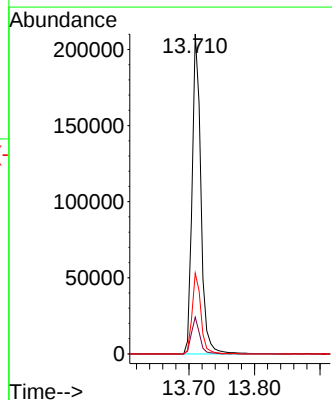
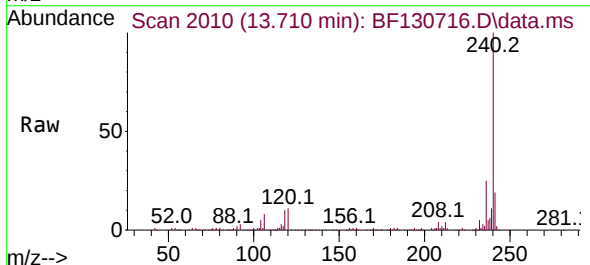
Instrument :
BNA_F
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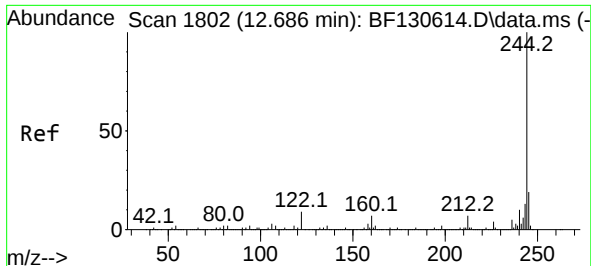
Tgt Ion:188 Resp: 302522
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.3 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF130716.D
Acq: 19 Oct 2022 17:57

Tgt Ion:240 Resp: 195935
Ion Ratio Lower Upper
240 100
120 11.5 8.6 13.0
236 25.2 20.2 30.4

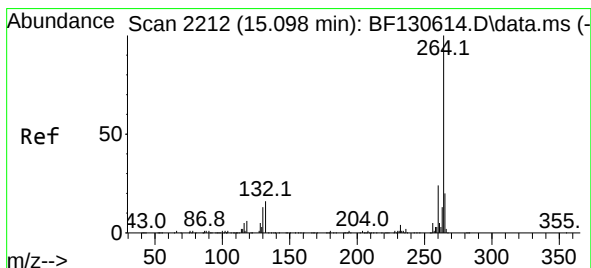
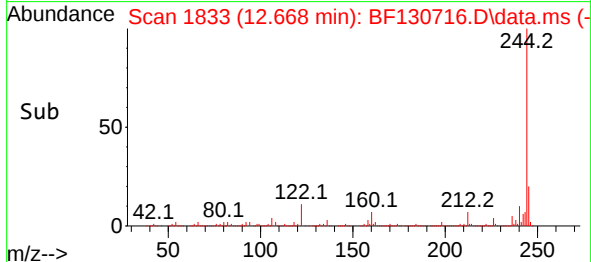
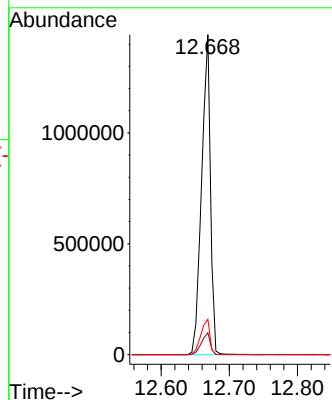
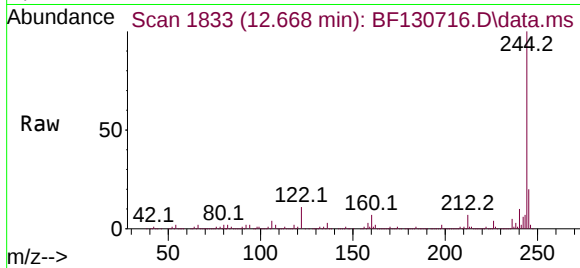




#79
 Terphenyl-d14
 Concen: 110.032 ng
 RT: 12.668 min Scan# 1802
 Delta R.T. -0.006 min
 Lab File: BF130716.D
 Acq: 19 Oct 2022 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB148423BL

Tgt Ion:244 Resp: 1298952
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.1 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 2244
 Delta R.T. -0.000 min
 Lab File: BF130716.D
 Acq: 19 Oct 2022 17:57

Tgt Ion:264 Resp: 156189
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.1 16.4 24.6

