

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
 Data File : BF130389.D
 Acq On : 23 Sep 2022 14:13
 Operator : CG\JU
 Sample : N4780-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Sep 23 16:06:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	98536	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	391501	20.000	ng	#-0.01
39) Acenaphthene-d10	9.686	164	202131	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	315616	20.000	ng	0.00
76) Chrysene-d12	13.798	240	198331	20.000	ng	0.00
86) Perylene-d12	15.192	264	208217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	782491	137.737	ng	0.00
7) Phenol-d6	6.298	99	967022	136.041	ng	0.00
23) Nitrobenzene-d5	7.216	82	630350	82.257	ng	-0.02
42) 2,4,6-Tribromophenol	10.475	330	257635	133.021	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1063797	76.638	ng	0.00
79) Terphenyl-d14	12.757	244	961601	80.314	ng	0.00

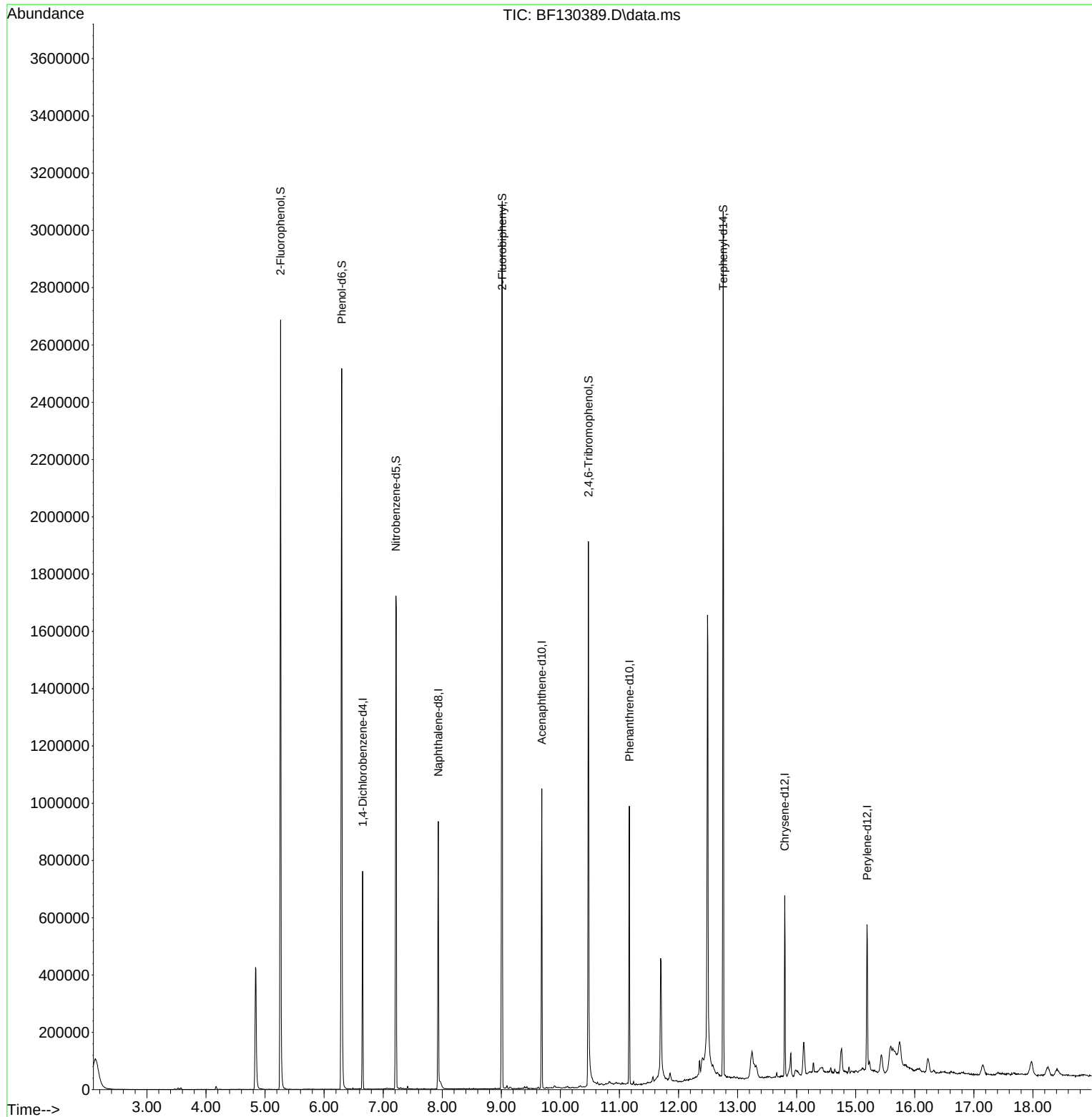
Target Compounds Qvalue

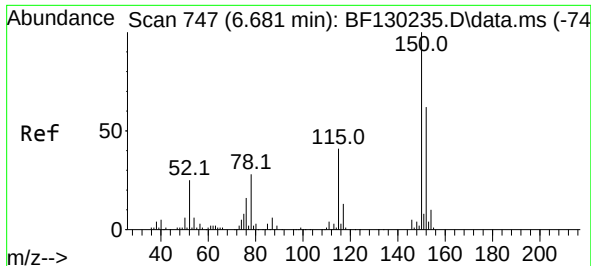
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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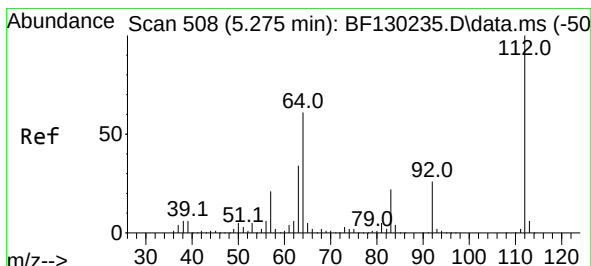
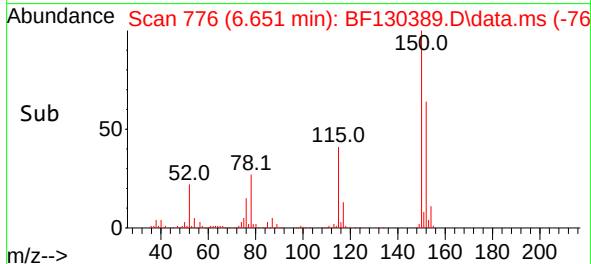
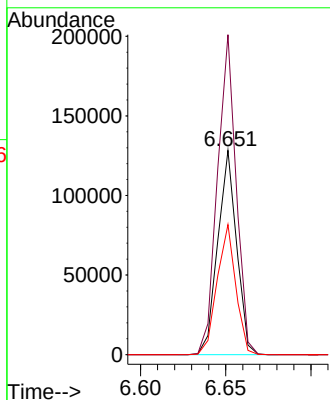
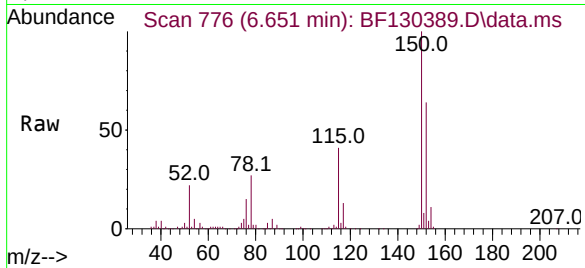




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

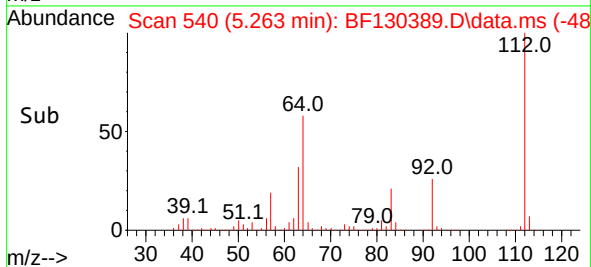
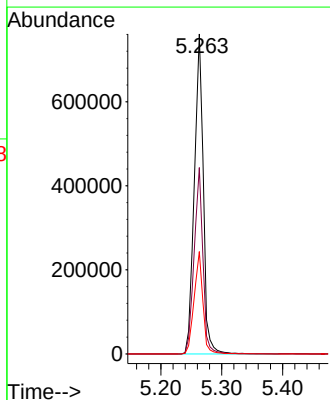
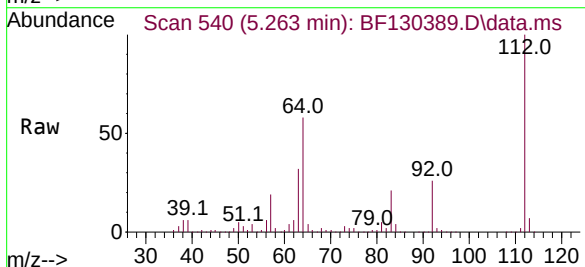
Instrument :
BNA_F
ClientSampleId :
SP-2

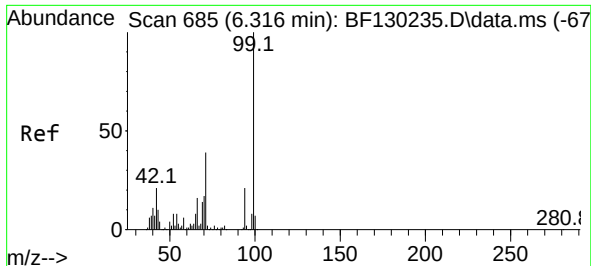
Tgt Ion:152 Resp: 98536
Ion Ratio Lower Upper
152 100
150 156.7 122.8 184.2
115 63.6 53.8 80.8



#5
2-Fluorophenol
Concen: 137.737 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

Tgt Ion:112 Resp: 782491
Ion Ratio Lower Upper
112 100
64 58.2 51.4 77.0
63 32.0 28.8 43.2

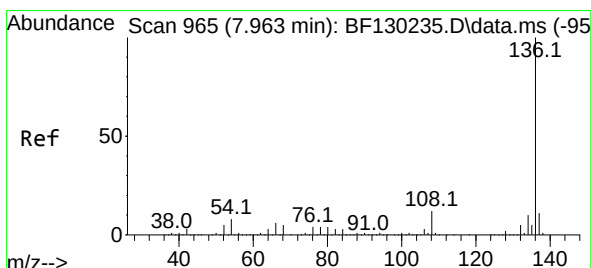
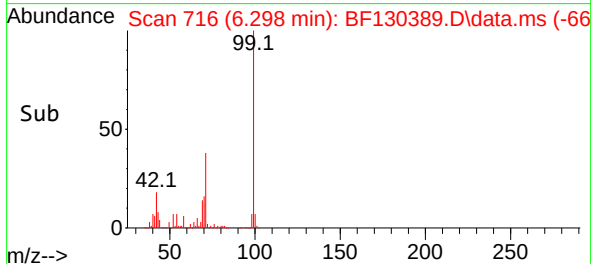
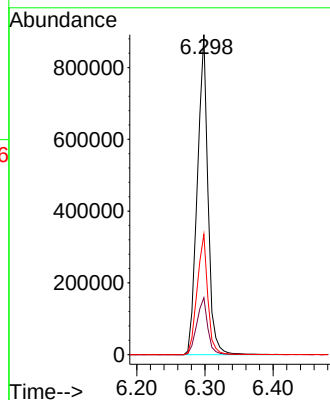
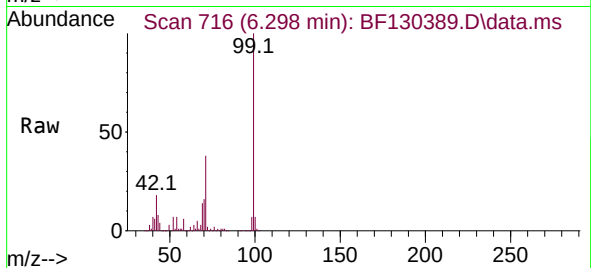




#7
Phenol-d6
Concen: 136.041 ng
RT: 6.298 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

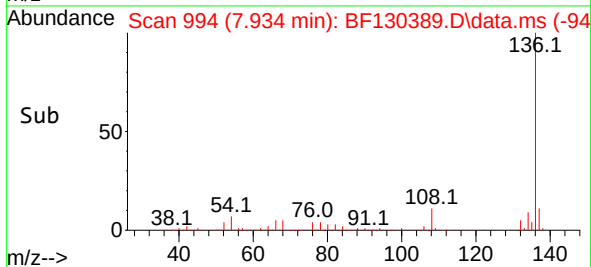
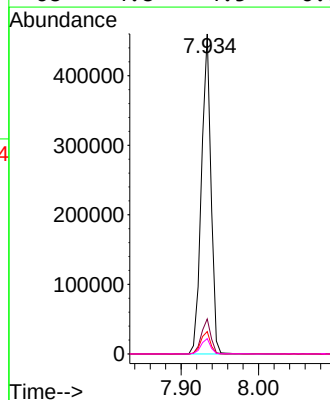
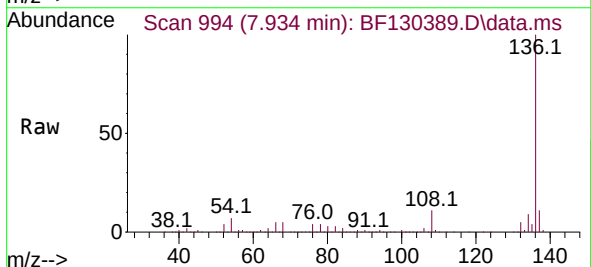
Instrument :
BNA_F
ClientSampleId :
SP-2

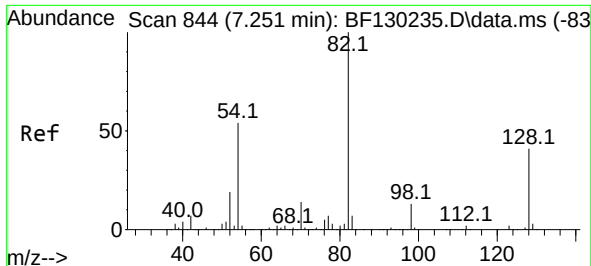
Tgt Ion: 99 Resp: 967022
Ion Ratio Lower Upper
99 100
42 17.8 17.0 25.6
71 37.6 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

Tgt Ion: 136 Resp: 391501
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.0 7.1 10.7#
68 4.8 4.5 6.7





#23

Nitrobenzene-d5

Concen: 82.257 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF130389.D

Acq: 23 Sep 2022 14:13

Instrument :

BNA_F

ClientSampleId :

SP-2

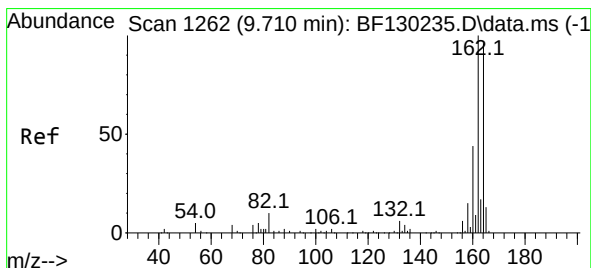
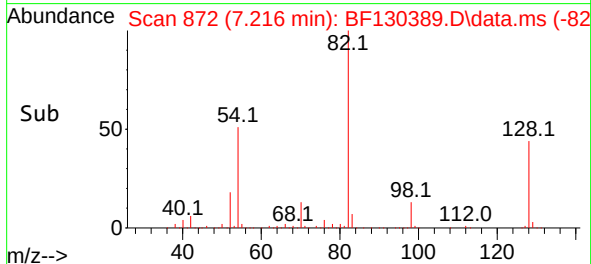
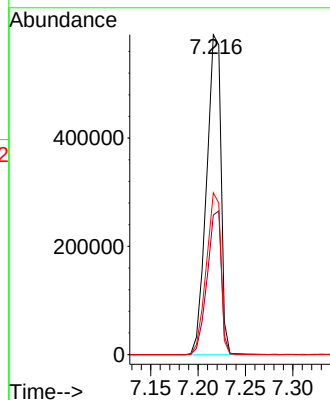
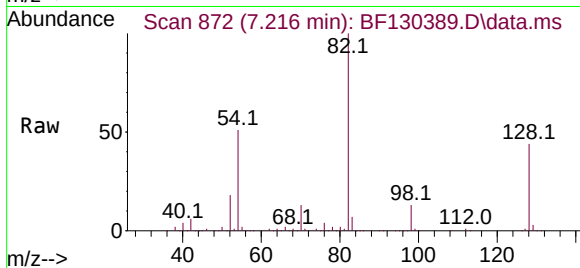
Tgt Ion: 82 Resp: 630350

Ion Ratio Lower Upper

82 100

128 43.6 32.6 49.0

54 50.6 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF130389.D

Acq: 23 Sep 2022 14:13

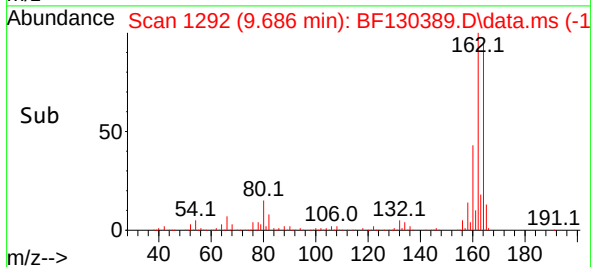
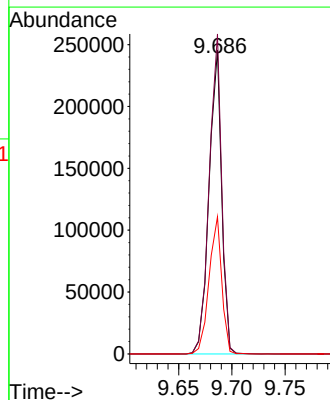
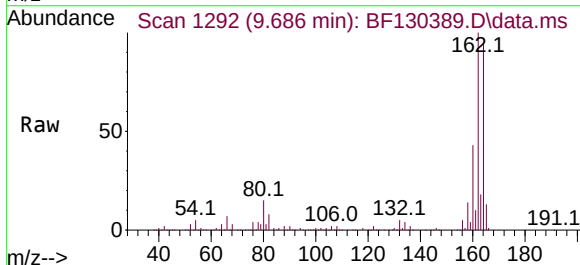
Tgt Ion:164 Resp: 202131

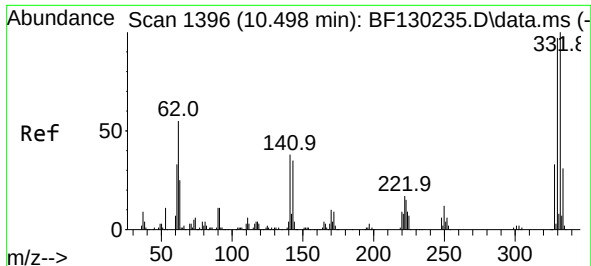
Ion Ratio Lower Upper

164 100

162 105.3 81.4 122.0

160 45.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 133.021 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130389.D

Acq: 23 Sep 2022 14:13

Instrument :

BNA_F

ClientSampleId :

SP-2

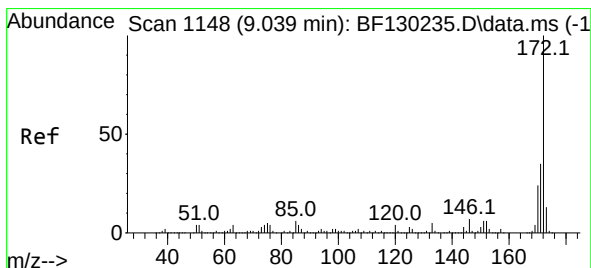
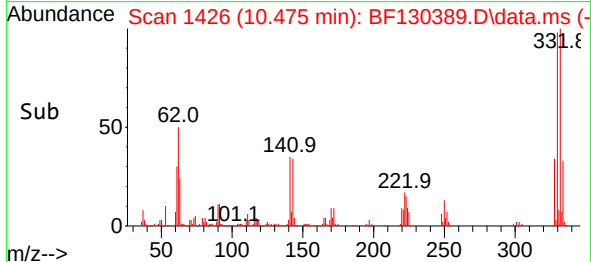
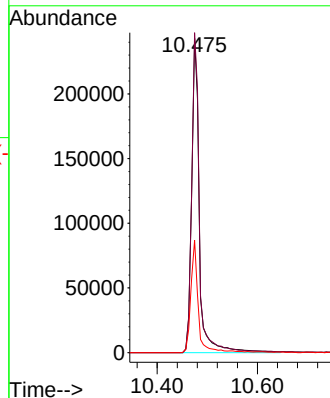
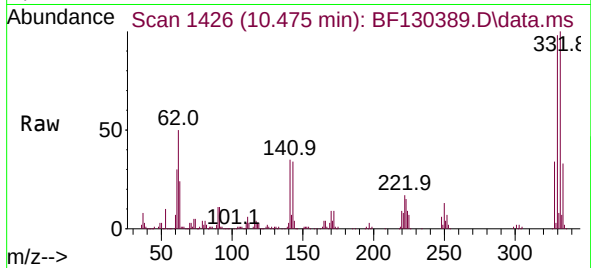
Tgt Ion:330 Resp: 257635

Ion Ratio Lower Upper

330 100

332 102.9 83.4 125.2

141 34.5 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 76.638 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF130389.D

Acq: 23 Sep 2022 14:13

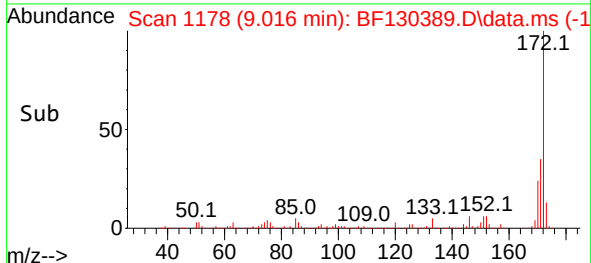
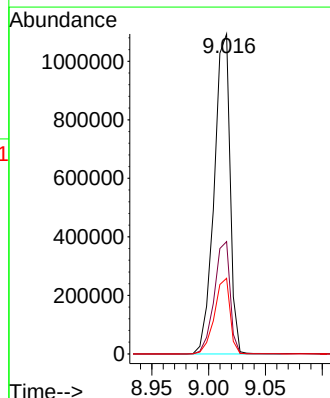
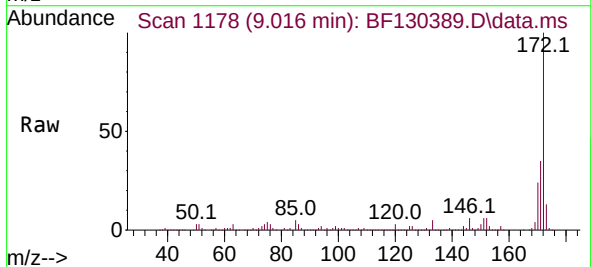
Tgt Ion:172 Resp: 1063797

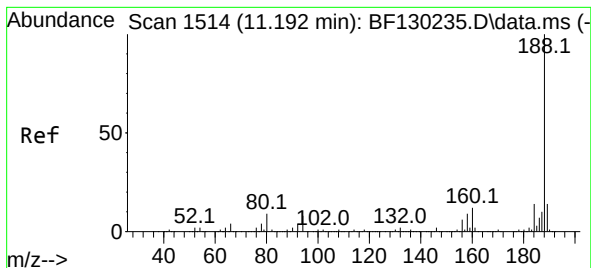
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130389.D

Acq: 23 Sep 2022 14:13

Instrument :

BNA_F

ClientSampleId :

SP-2

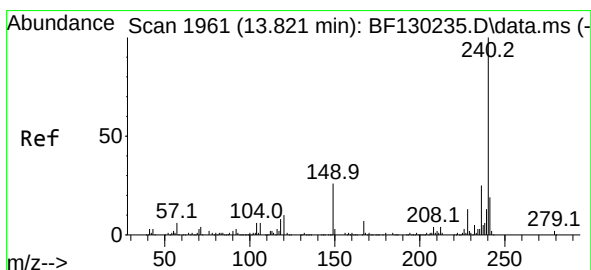
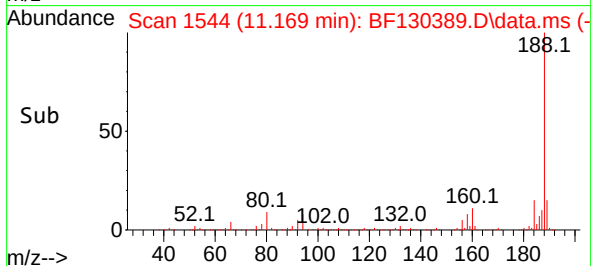
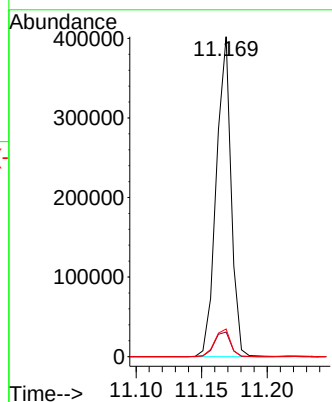
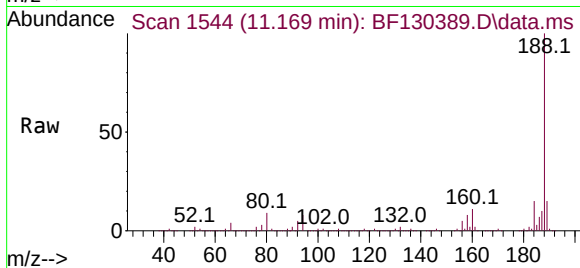
Tgt Ion:188 Resp: 315616

Ion Ratio Lower Upper

188 100

94 7.7 7.4 11.2

80 8.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.798 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF130389.D

Acq: 23 Sep 2022 14:13

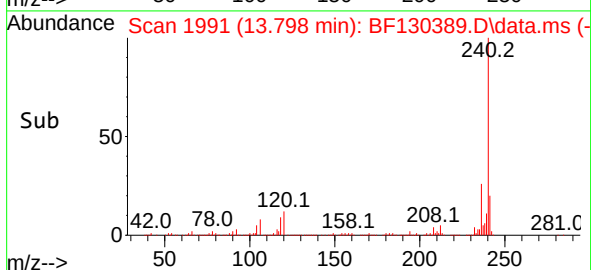
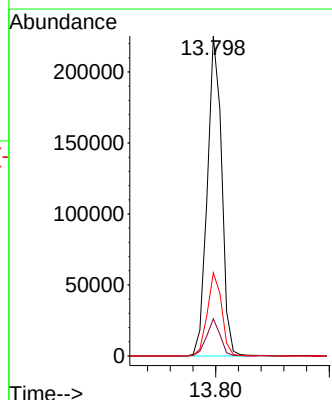
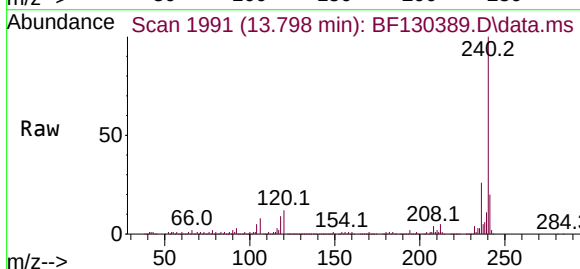
Tgt Ion:240 Resp: 198331

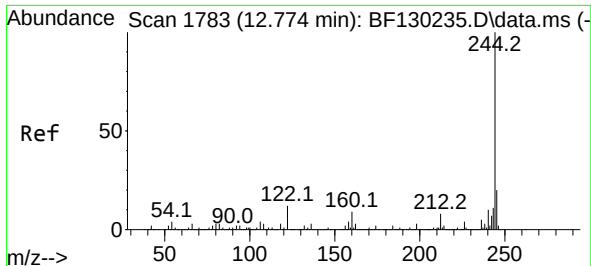
Ion Ratio Lower Upper

240 100

120 11.6 8.7 13.1

236 26.0 20.9 31.3

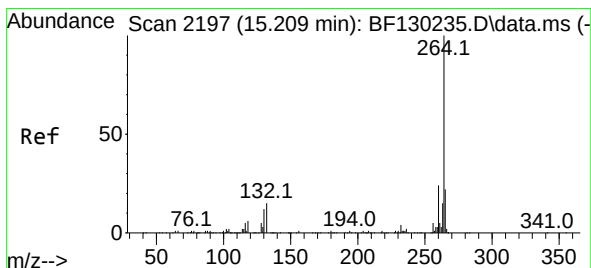
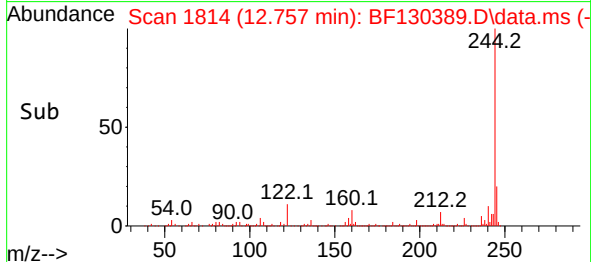
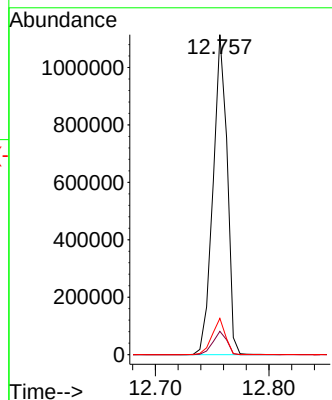
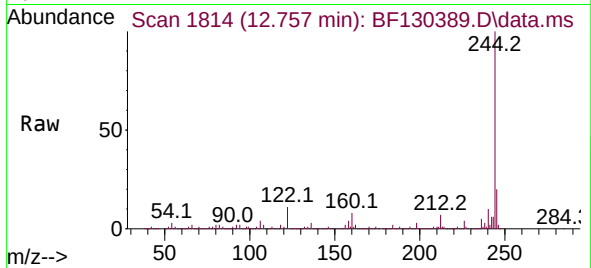




#79
 Terphenyl-d14
 Concen: 80.314 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF130389.D
 Acq: 23 Sep 2022 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tgt Ion:244 Resp: 961601
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.3 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2228
 Delta R.T. 0.006 min
 Lab File: BF130389.D
 Acq: 23 Sep 2022 14:13

Tgt Ion:264 Resp: 208217
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 21.7 17.0 25.4

