

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
 Data File : BF130391.D
 Acq On : 23 Sep 2022 15:19
 Operator : CG\JU
 Sample : N4780-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Sep 23 16:07:08 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	91551	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	348833	20.000	ng	#-0.01
39) Acenaphthene-d10	9.687	164	168803	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	245205	20.000	ng	-0.01
76) Chrysene-d12	13.798	240	183793	20.000	ng	0.00
86) Perylene-d12	15.192	264	216037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	493804	93.553	ng	0.00
7) Phenol-d6	6.293	99	600886	90.982	ng	0.00
23) Nitrobenzene-d5	7.216	82	388149	56.847	ng	-0.02
42) 2,4,6-Tribromophenol	10.475	330	136676	84.501	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	712706	61.482	ng	-0.01
79) Terphenyl-d14	12.751	244	555089	50.029	ng	0.00

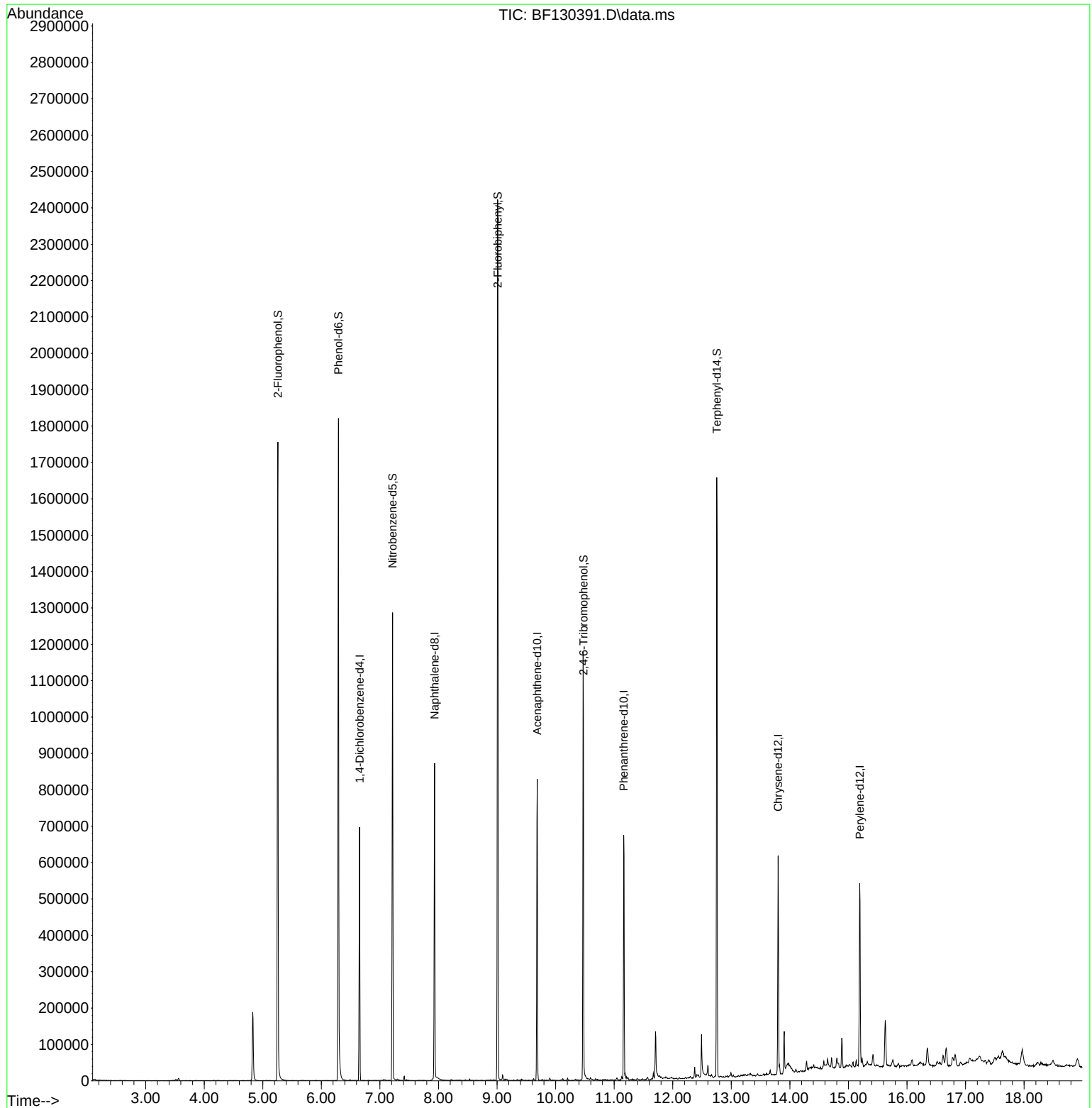
Target Compounds	Qvalue

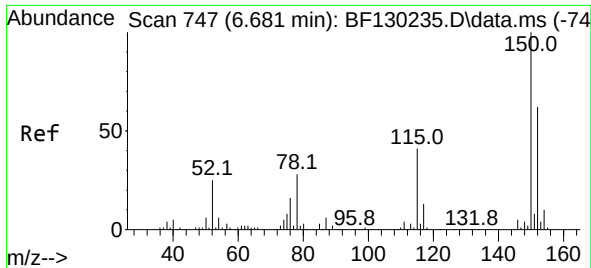
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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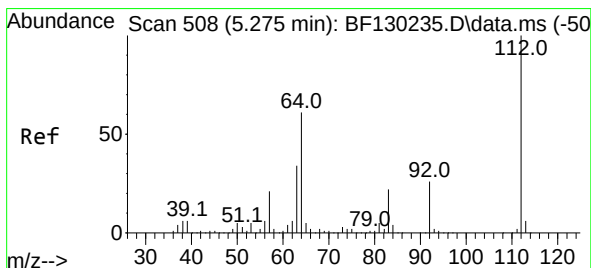
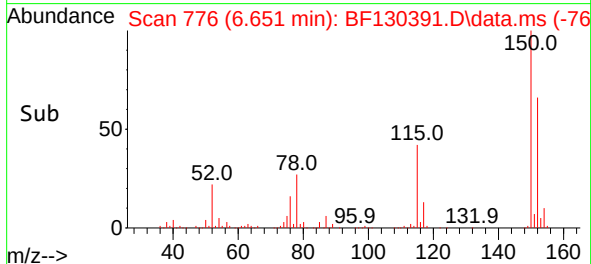
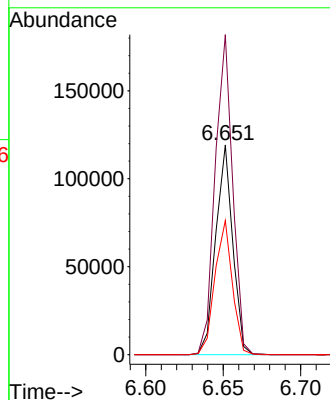
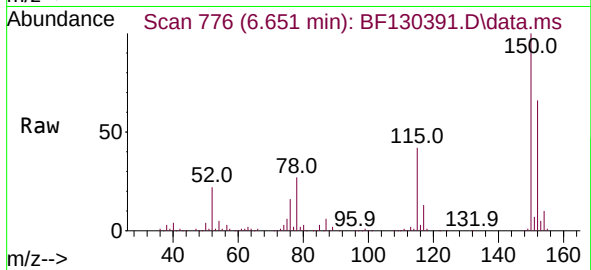




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

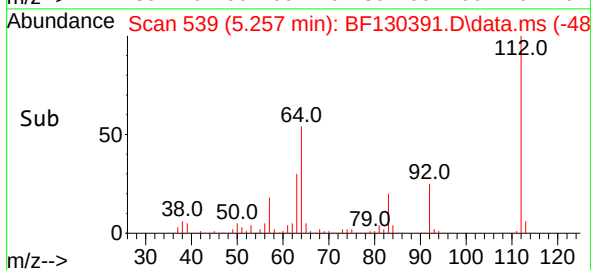
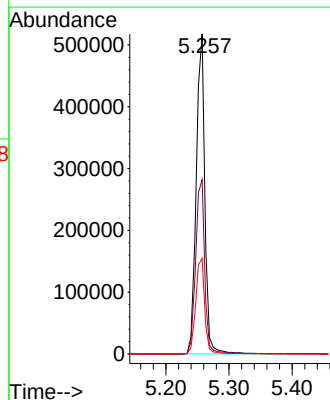
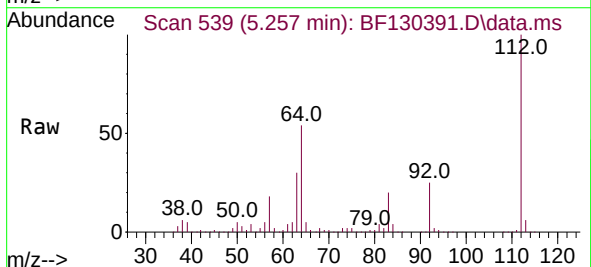
Instrument :
BNA_F
ClientSampleId :
SP-3

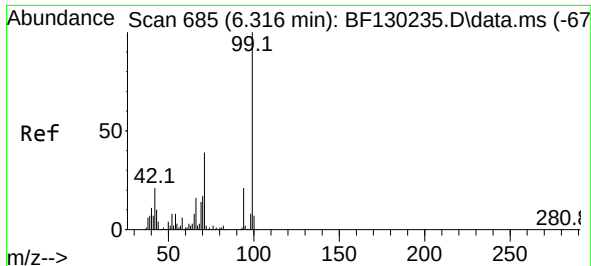
Tgt Ion:152 Resp: 91551
Ion Ratio Lower Upper
152 100
150 152.6 122.8 184.2
115 63.9 53.8 80.8



#5
2-Fluorophenol
Concen: 93.553 ng
RT: 5.257 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

Tgt Ion:112 Resp: 493804
Ion Ratio Lower Upper
112 100
64 54.4 51.4 77.0
63 29.8 28.8 43.2

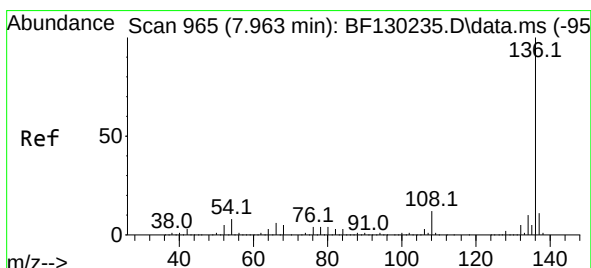
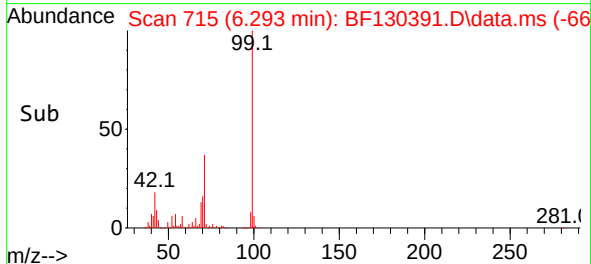
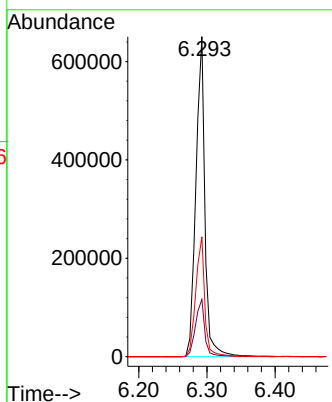
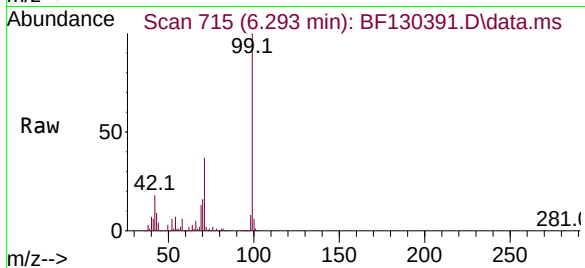




#7
Phenol-d6
Concen: 90.982 ng
RT: 6.293 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

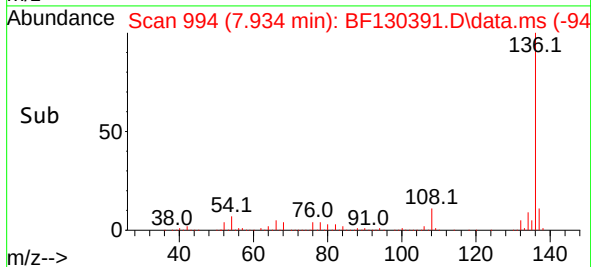
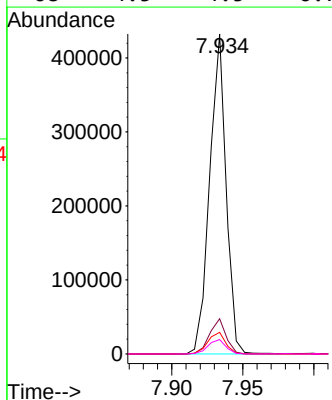
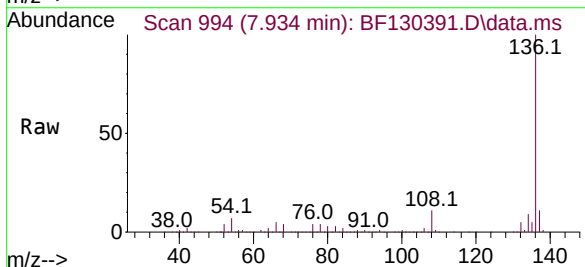
Instrument :
BNA_F
ClientSampleId :
SP-3

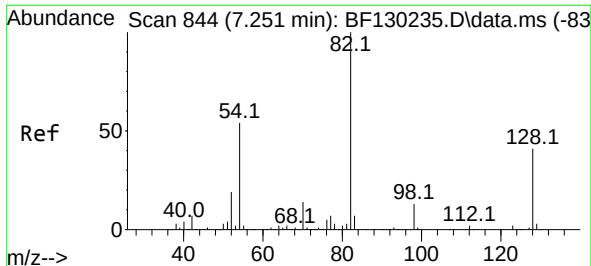
Tgt Ion: 99 Resp: 600886
Ion Ratio Lower Upper
99 100
42 17.9 17.0 25.6
71 37.4 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF130391.D
Acq: 23 Sep 2022 15:19

Tgt Ion: 136 Resp: 348833
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.7 7.1 10.7#
68 4.5 4.5 6.7#

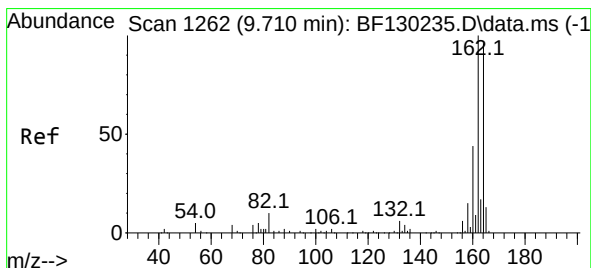
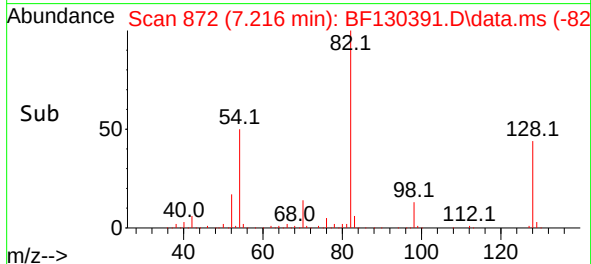
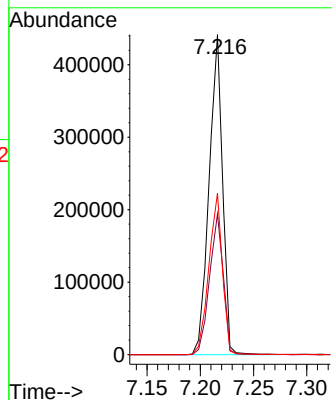
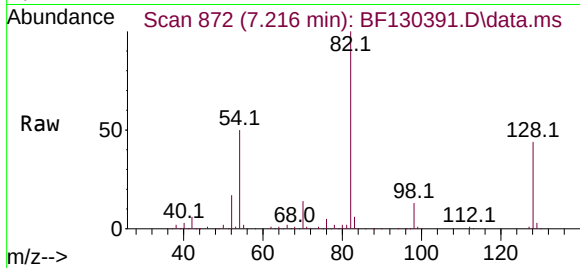




#23
 Nitrobenzene-d5
 Concen: 56.847 ng
 RT: 7.216 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: BF130391.D
 Acq: 23 Sep 2022 15:19

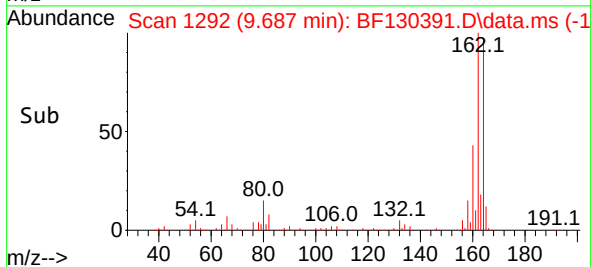
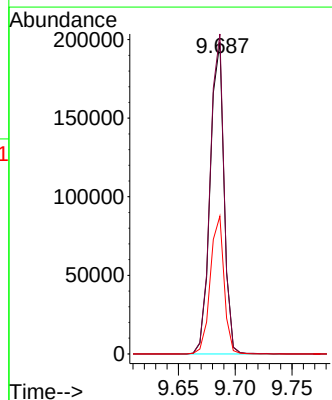
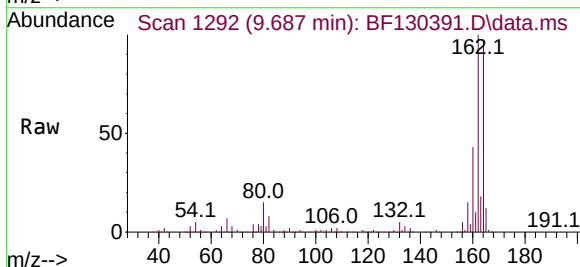
Instrument :
 BNA_F
 ClientSampleId :
 SP-3

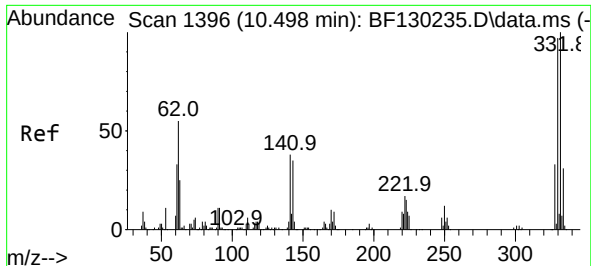
Tgt Ion: 82 Resp: 388149
 Ion Ratio Lower Upper
 82 100
 128 44.0 32.6 49.0
 54 50.5 43.8 65.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.687 min Scan# 1292
 Delta R.T. -0.006 min
 Lab File: BF130391.D
 Acq: 23 Sep 2022 15:19

Tgt Ion:164 Resp: 168803
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.4 122.0
 160 44.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 84.501 ng

RT: 10.475 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF130391.D

Acq: 23 Sep 2022 15:19

Instrument :

BNA_F

ClientSampleId :

SP-3

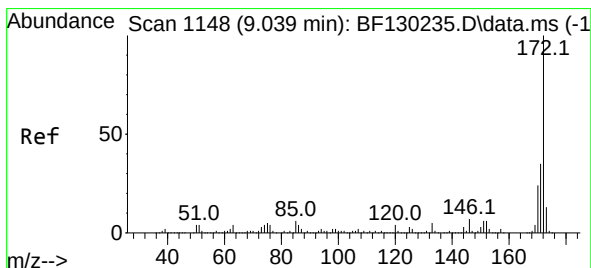
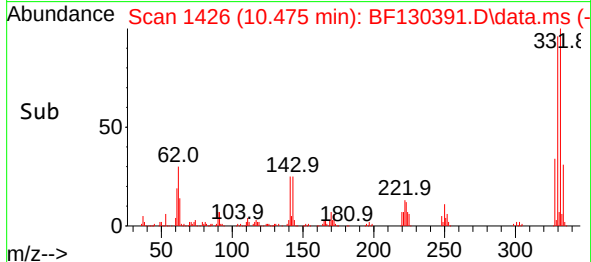
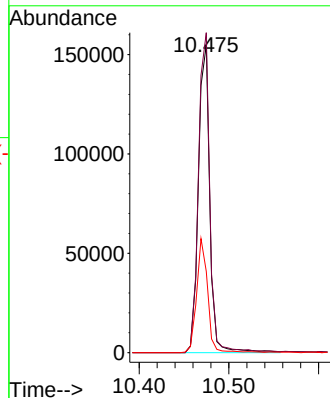
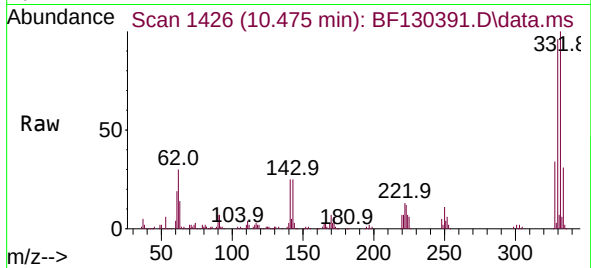
Tgt Ion:330 Resp: 136676

Ion Ratio Lower Upper

330 100

332 104.9 83.4 125.2

141 35.7 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 61.482 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF130391.D

Acq: 23 Sep 2022 15:19

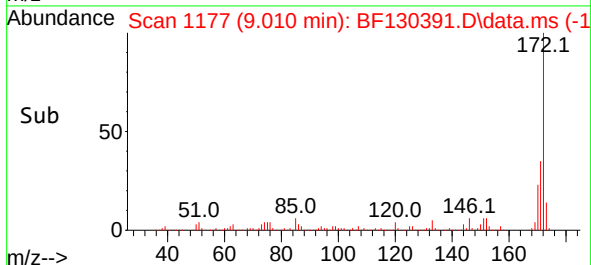
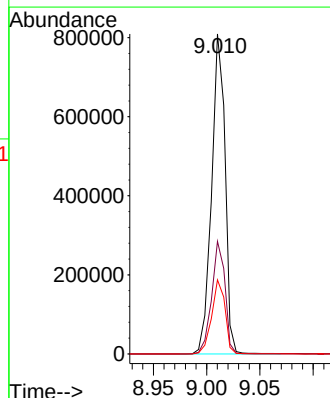
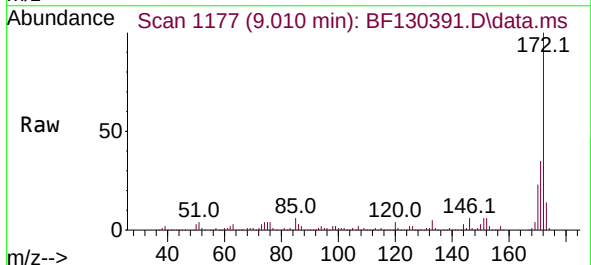
Tgt Ion:172 Resp: 712706

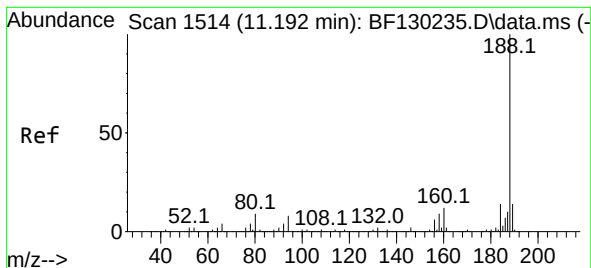
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.163 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130391.D

Acq: 23 Sep 2022 15:19

Instrument :

BNA_F

ClientSampleId :

SP-3

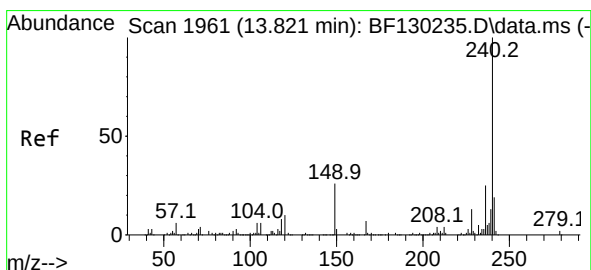
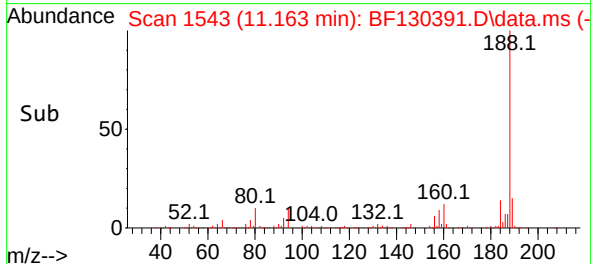
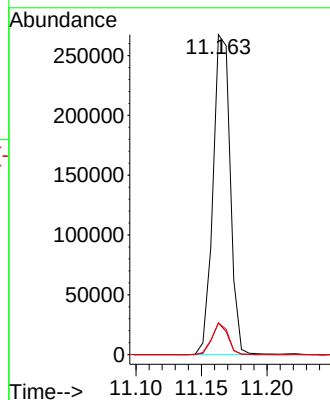
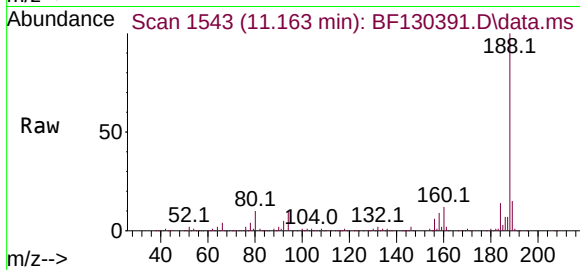
Tgt Ion:188 Resp: 245205

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

80 9.9 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: BF130391.D

Acq: 23 Sep 2022 15:19

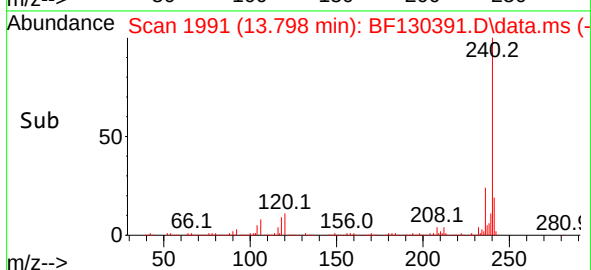
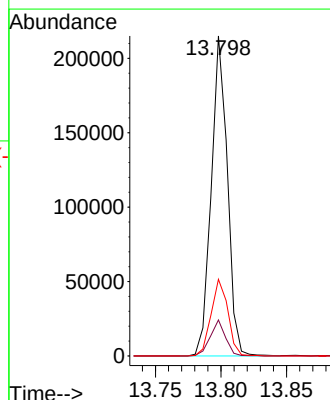
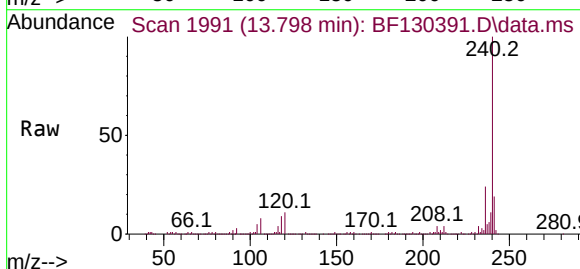
Tgt Ion:240 Resp: 183793

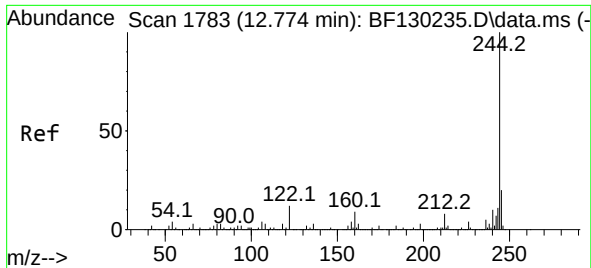
Ion Ratio Lower Upper

240 100

120 11.2 8.7 13.1

236 23.9 20.9 31.3

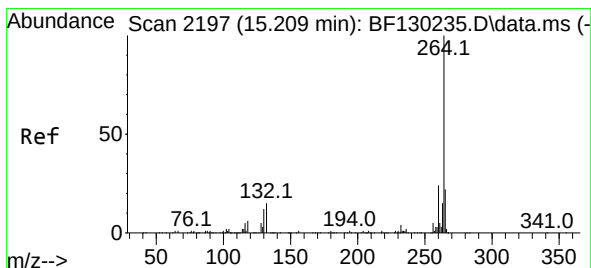
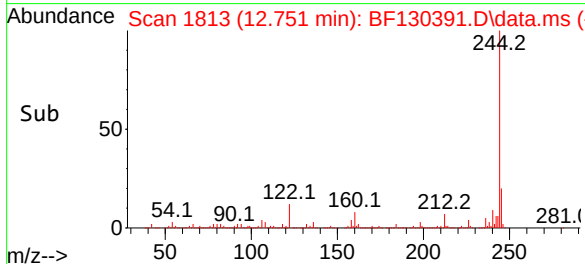
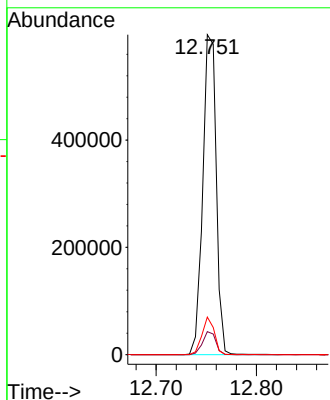
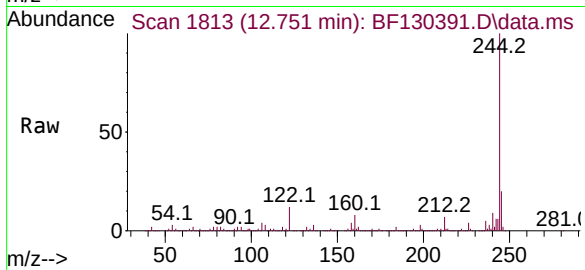




#79
 Terphenyl-d14
 Concen: 50.029 ng
 RT: 12.751 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF130391.D
 Acq: 23 Sep 2022 15:19

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tgt Ion:244 Resp: 555089
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.8 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: BF130391.D
 Acq: 23 Sep 2022 15:19

Tgt Ion:264 Resp: 216037
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 21.3 17.0 25.4

