

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
 Data File : BF130390.D
 Acq On : 23 Sep 2022 14:46
 Operator : CG\JU
 Sample : N4780-31
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Quant Time: Sep 23 16:06:52 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	99394	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	386129	20.000	ng	#-0.01
39) Acenaphthene-d10	9.686	164	197723	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	301207	20.000	ng	0.00
76) Chrysene-d12	13.798	240	180111	20.000	ng	0.00
86) Perylene-d12	15.192	264	211541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	581218	101.425	ng	0.00
7) Phenol-d6	6.293	99	720277	100.454	ng	0.00
23) Nitrobenzene-d5	7.216	82	462774	61.229	ng	-0.02
42) 2,4,6-Tribromophenol	10.475	330	178147	94.031	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	890189	65.561	ng	-0.01
79) Terphenyl-d14	12.757	244	692491	63.689	ng	0.00

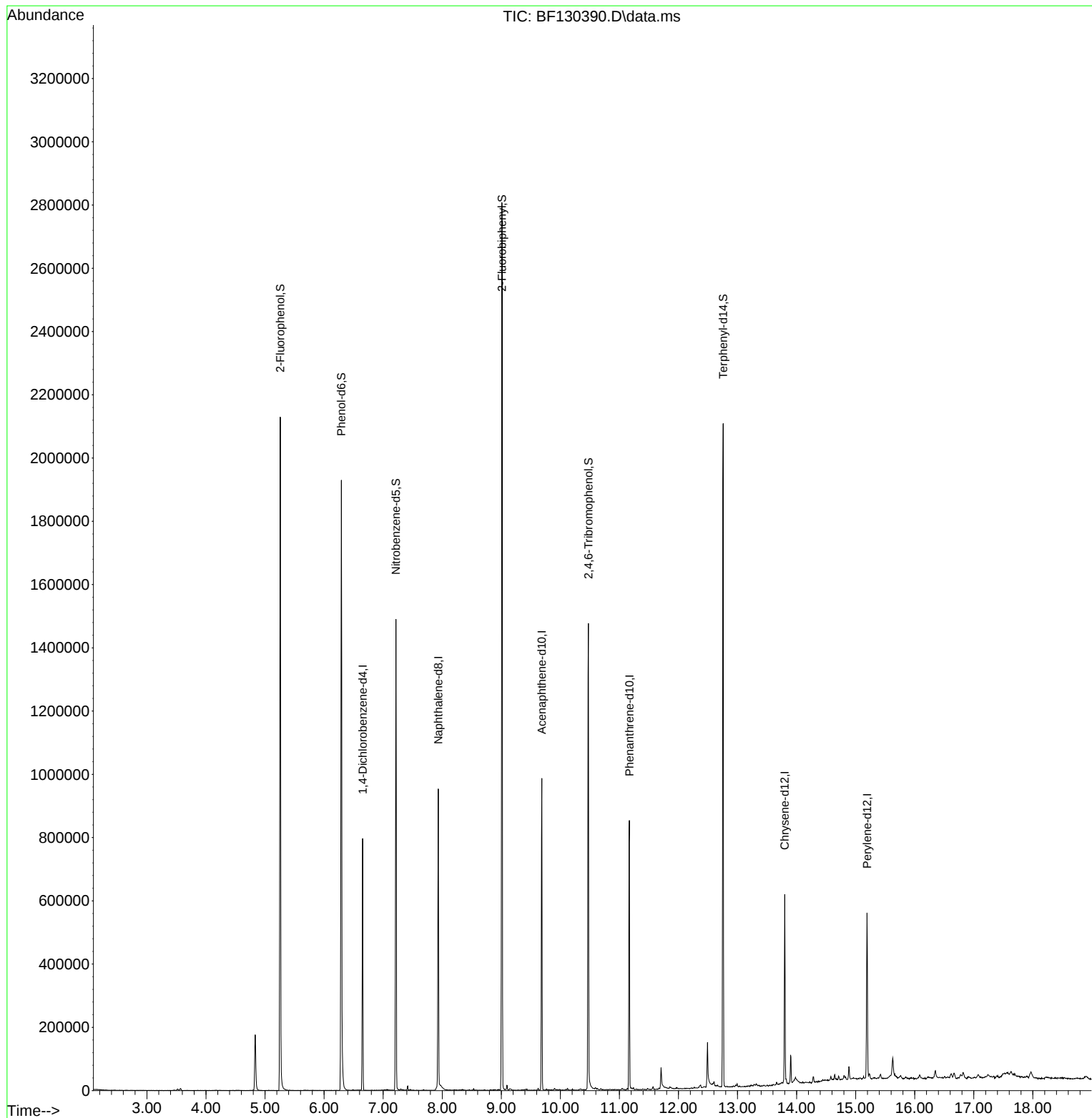
Target Compounds	Qvalue

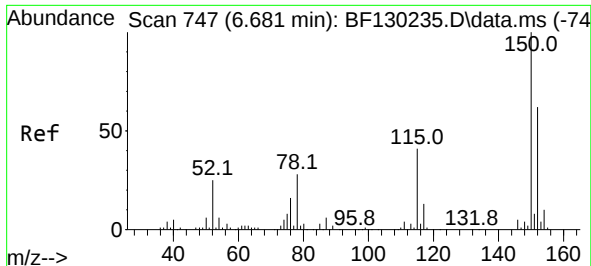
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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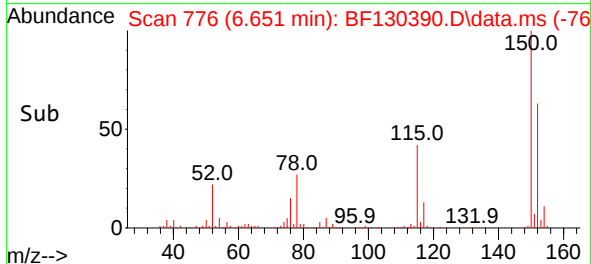
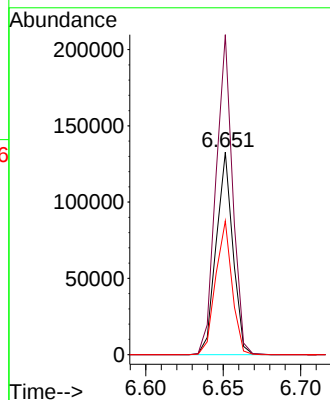
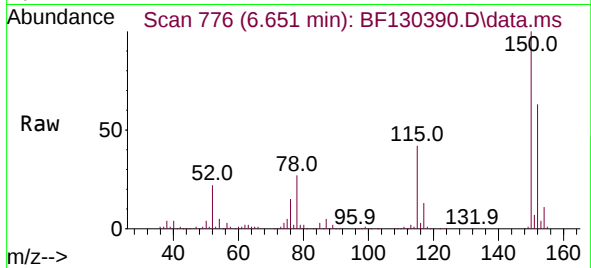




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130390.D
Acq: 23 Sep 2022 14:46

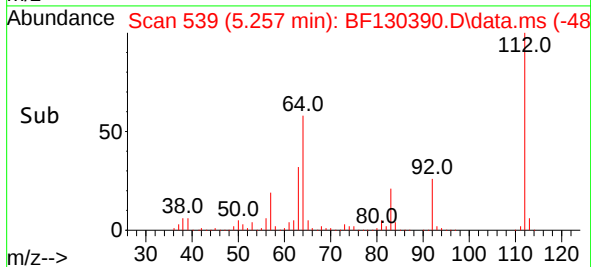
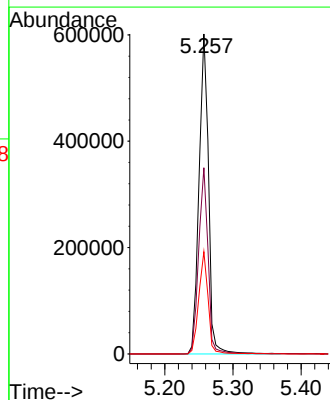
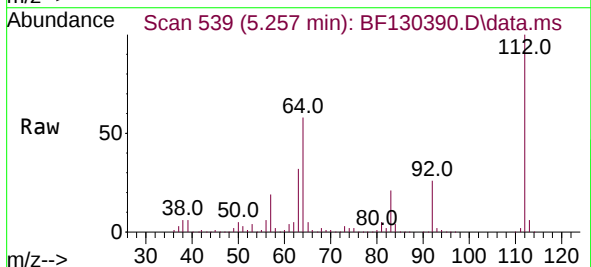
Instrument :
BNA_F
ClientSampleId :
SP-4

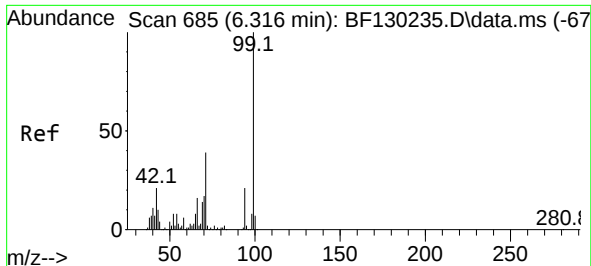
Tgt Ion:152 Resp: 99394
Ion Ratio Lower Upper
152 100
150 158.0 122.8 184.2
115 66.0 53.8 80.8



#5
2-Fluorophenol
Concen: 101.425 ng
RT: 5.257 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF130390.D
Acq: 23 Sep 2022 14:46

Tgt Ion:112 Resp: 581218
Ion Ratio Lower Upper
112 100
64 58.2 51.4 77.0
63 31.9 28.8 43.2



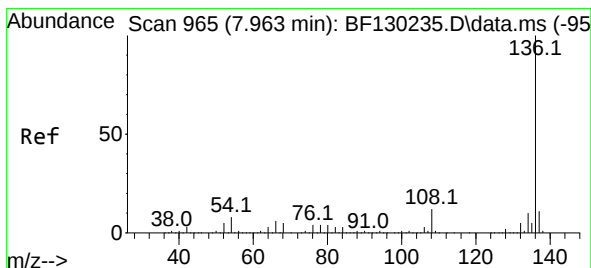
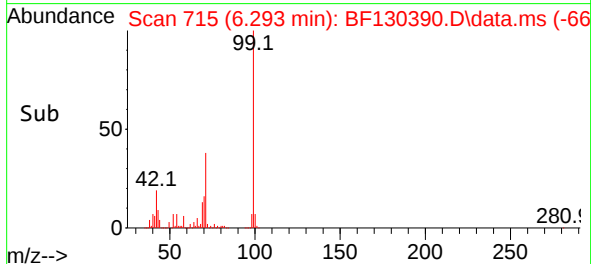
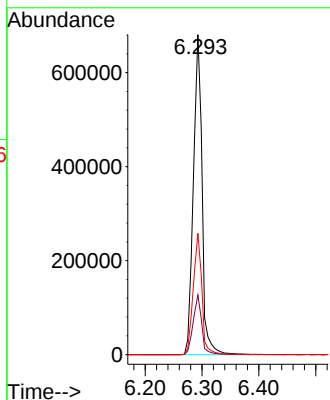
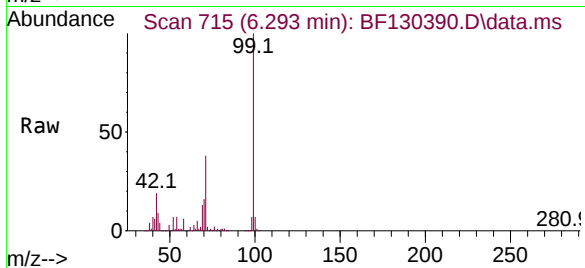


#7
Phenol-d6
Concen: 100.454 ng
RT: 6.293 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130390.D
Acq: 23 Sep 2022 14:46

Instrument :
BNA_F
ClientSampleId :
SP-4

Tgt Ion: 99 Resp: 720277

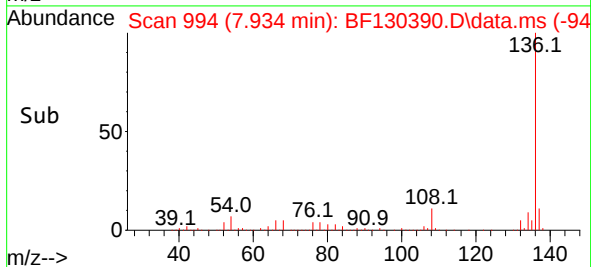
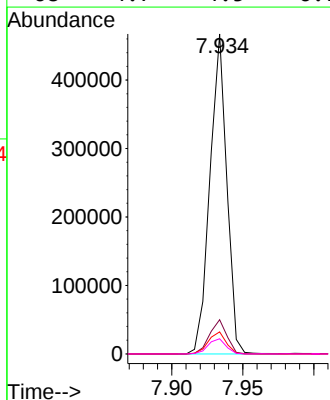
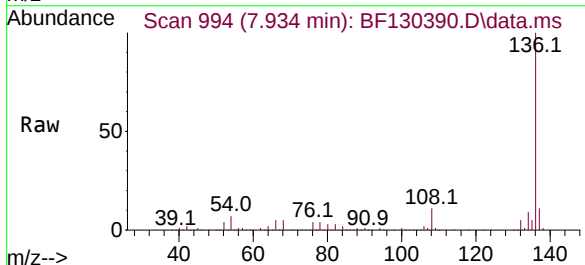
Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.0	25.6
71	37.9	32.3	48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF130390.D
Acq: 23 Sep 2022 14:46

Tgt Ion: 136 Resp: 386129

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.9	7.1	10.7#
68	4.7	4.5	6.7





#23

Nitrobenzene-d5

Concen: 61.229 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF130390.D

Acq: 23 Sep 2022 14:46

Instrument :

BNA_F

ClientSampleId :

SP-4

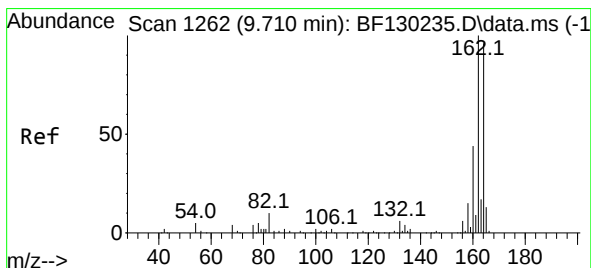
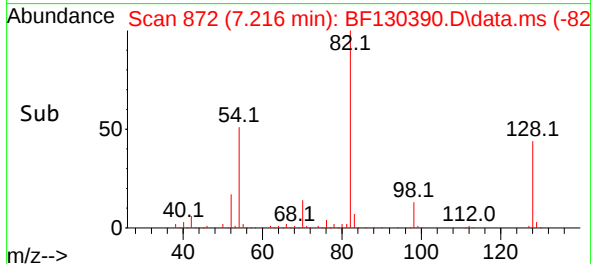
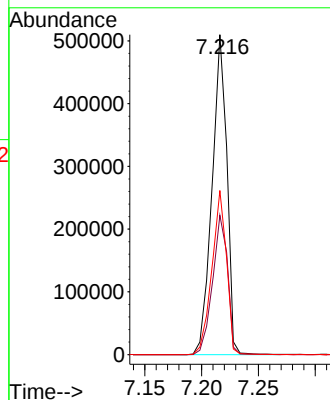
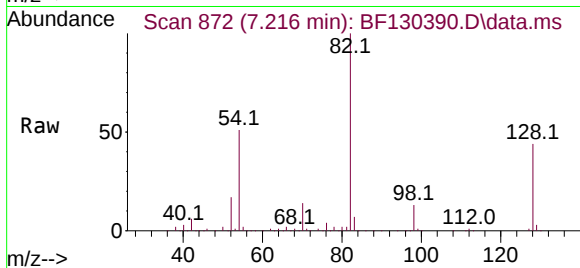
Tgt Ion: 82 Resp: 462774

Ion Ratio Lower Upper

82 100

128 43.6 32.6 49.0

54 51.3 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: BF130390.D

Acq: 23 Sep 2022 14:46

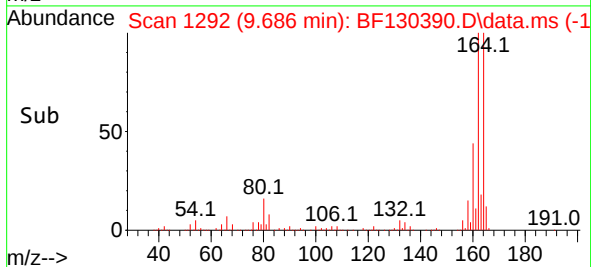
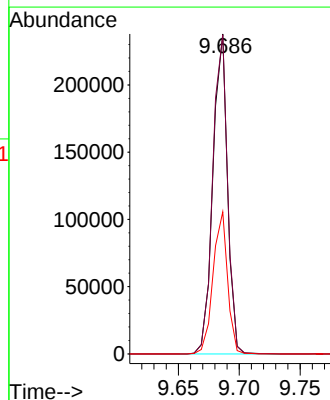
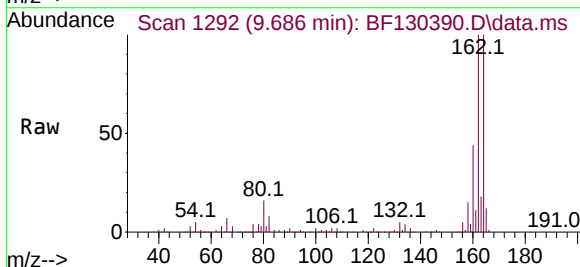
Tgt Ion:164 Resp: 197723

Ion Ratio Lower Upper

164 100

162 99.7 81.4 122.0

160 44.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 94.031 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130390.D

Acq: 23 Sep 2022 14:46

Instrument :

BNA_F

ClientSampleId :

SP-4

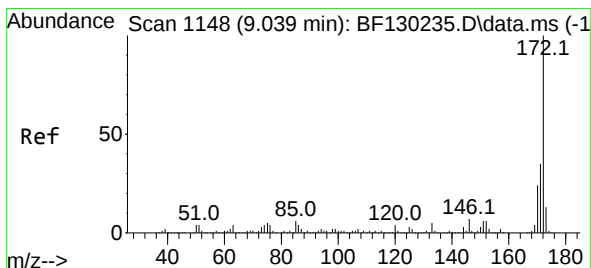
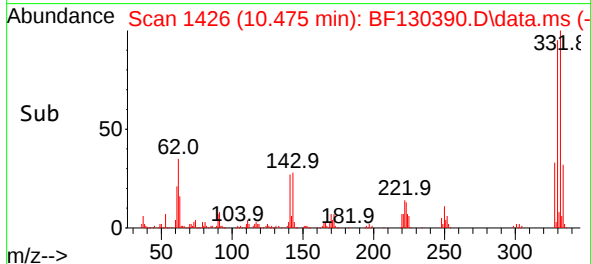
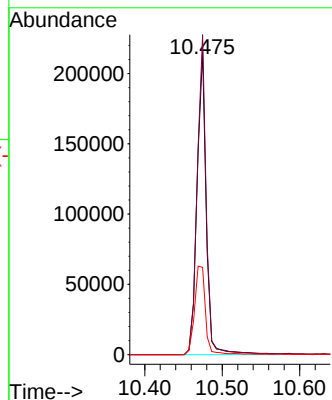
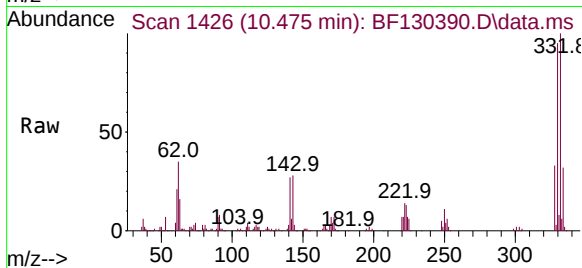
Tgt Ion:330 Resp: 178147

Ion Ratio Lower Upper

330 100

332 104.3 83.4 125.2

141 34.6 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 65.561 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF130390.D

Acq: 23 Sep 2022 14:46

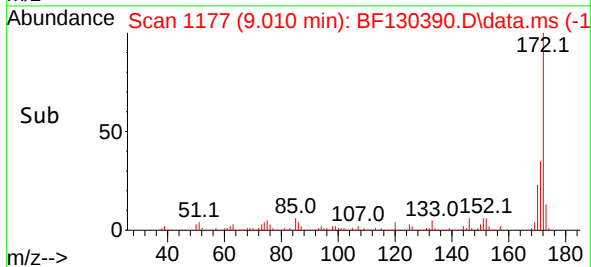
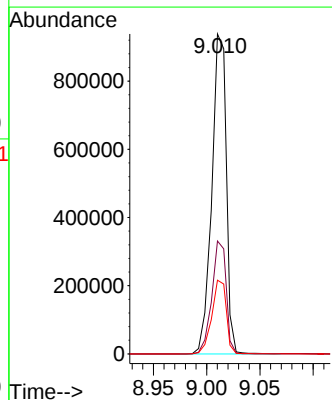
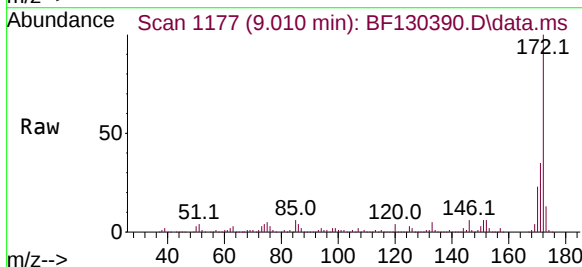
Tgt Ion:172 Resp: 890189

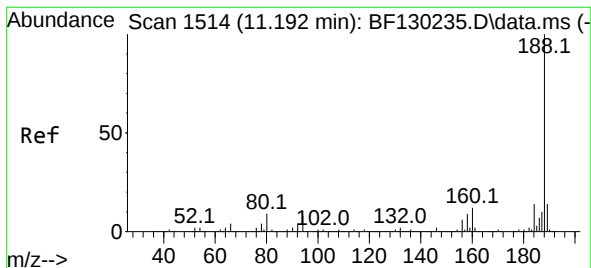
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130390.D

Acq: 23 Sep 2022 14:46

Instrument :

BNA_F

ClientSampleId :

SP-4

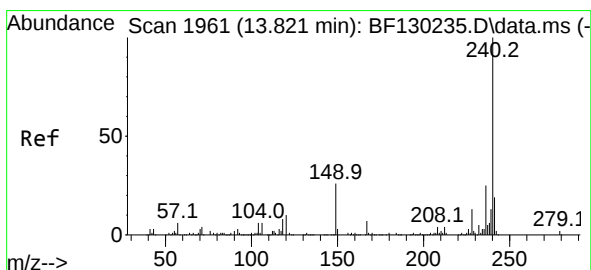
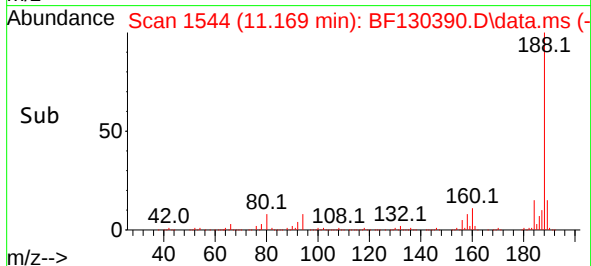
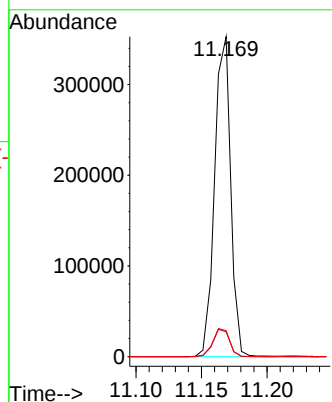
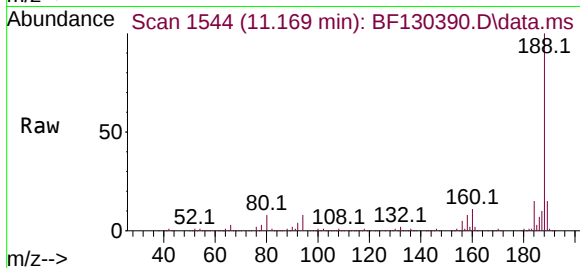
Tgt Ion:188 Resp: 301207

Ion Ratio Lower Upper

188 100

94 7.8 7.4 11.2

80 8.1 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: BF130390.D

Acq: 23 Sep 2022 14:46

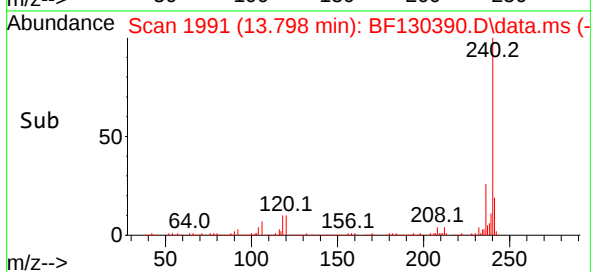
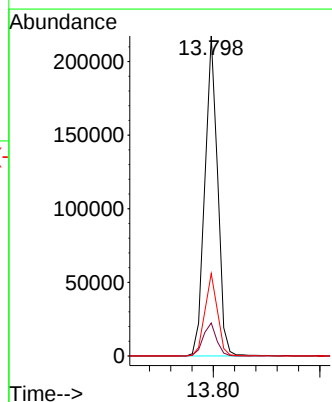
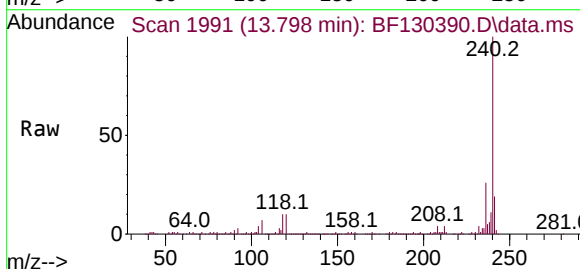
Tgt Ion:240 Resp: 180111

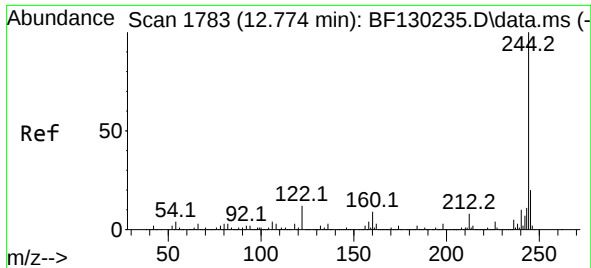
Ion Ratio Lower Upper

240 100

120 10.3 8.7 13.1

236 25.7 20.9 31.3

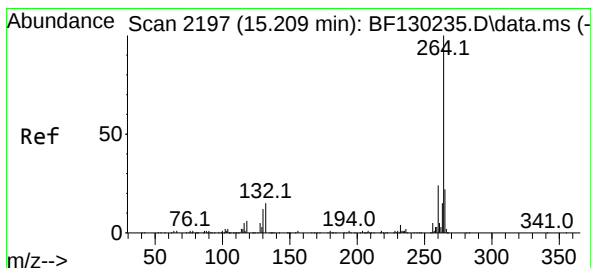
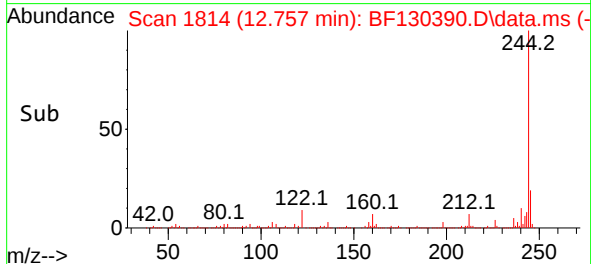
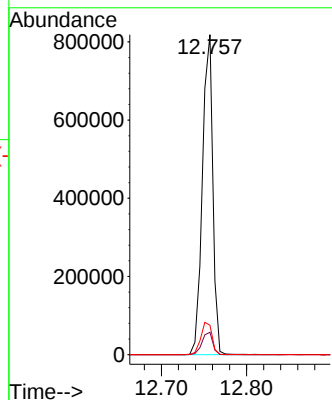
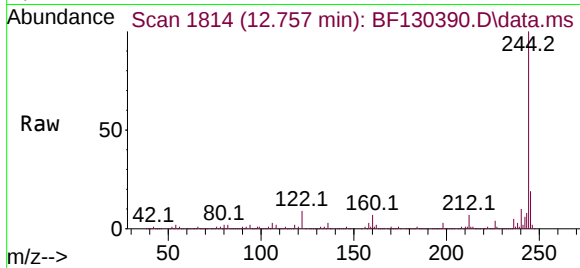




#79
 Terphenyl-d14
 Concen: 63.689 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF130390.D
 Acq: 23 Sep 2022 14:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Tgt Ion:244 Resp: 692491
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.2 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: BF130390.D
 Acq: 23 Sep 2022 14:46

Tgt Ion:264 Resp: 211541
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 22.5 17.0 25.4

