

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
 Data File : BF130212.D
 Acq On : 12 Sep 2022 19:03
 Operator : CG\JU
 Sample : N4553-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 256074-2

Quant Time: Sep 13 14:26:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.687	152	113134	20.000	ng	-0.01
21) Naphthalene-d8	7.963	136	445298	20.000	ng	-0.02
39) Acenaphthene-d10	9.716	164	220960	20.000	ng	-0.02
64) Phenanthrene-d10	11.198	188	340739	20.000	ng	-0.01
76) Chrysene-d12	13.827	240	266316	20.000	ng	-0.02
86) Perylene-d12	15.221	264	299172	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	565839	84.908	ng	-0.01
7) Phenol-d6	6.310	99	517794	62.323	ng	-0.02
23) Nitrobenzene-d5	7.251	82	640404	92.424	ng	-0.02
42) 2,4,6-Tribromophenol	10.504	330	235730	117.200	ng	-0.02
45) 2-Fluorobiphenyl	9.045	172	1113579	83.557	ng	-0.01
79) Terphenyl-d14	12.780	244	1170552	76.221	ng	-0.02

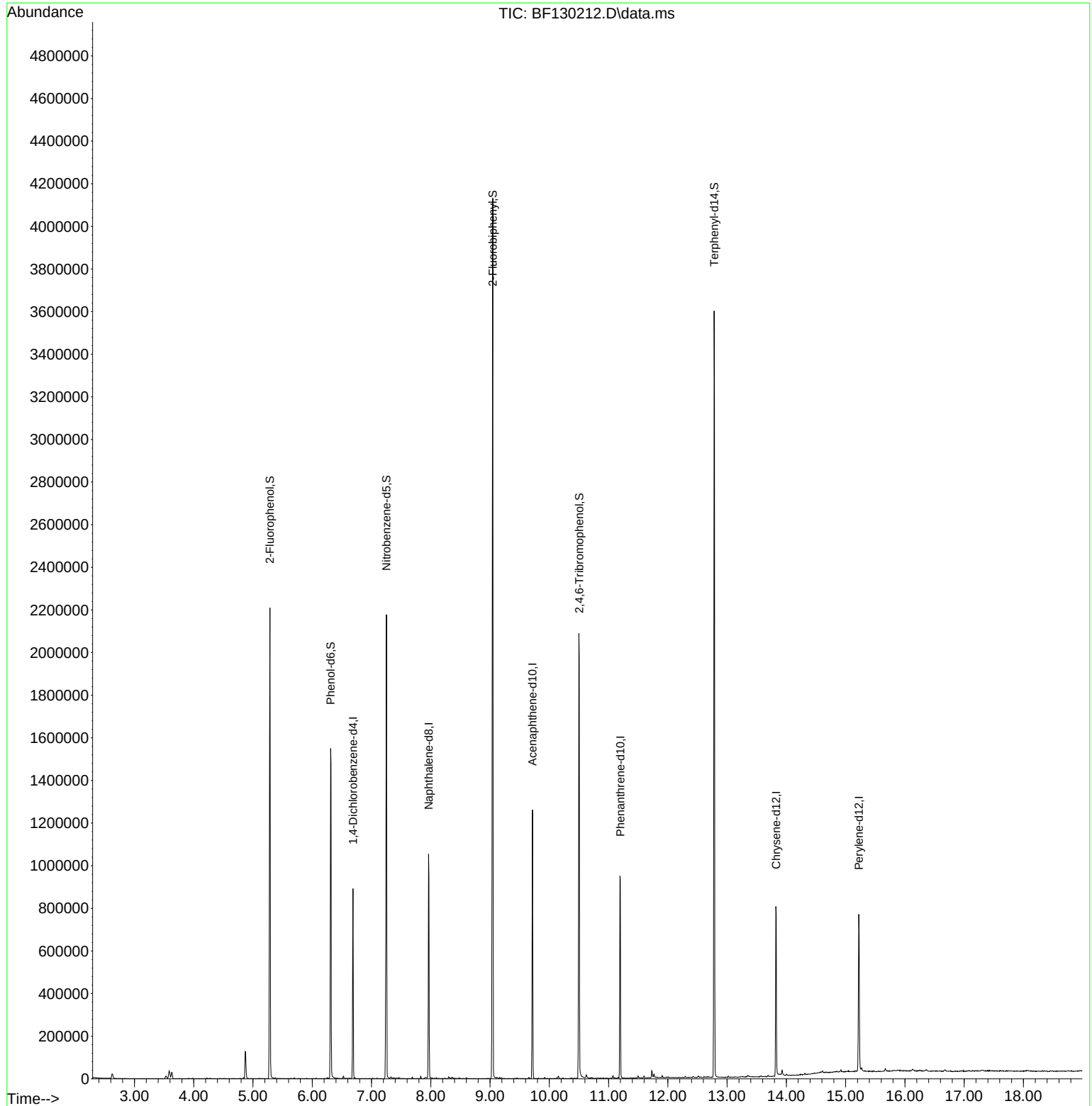
Target Compounds	Qvalue

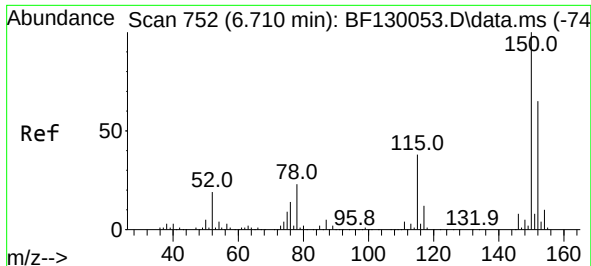
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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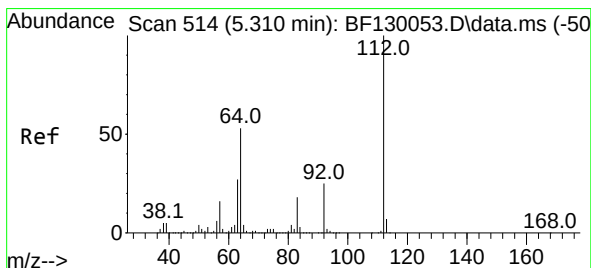
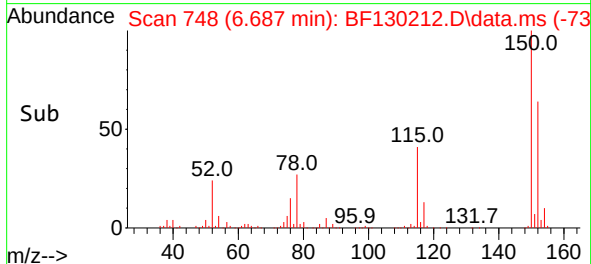
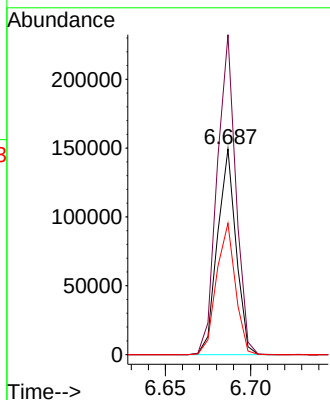
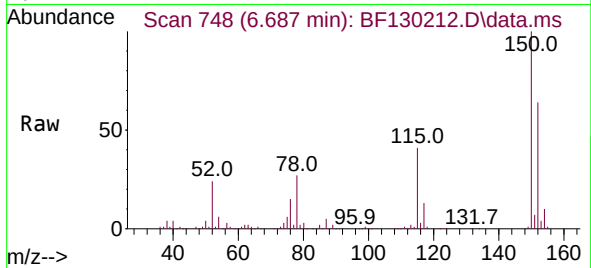




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.687 min Scan# 74
 Delta R.T. -0.011 min
 Lab File: BF130212.D
 Acq: 12 Sep 2022 19:03

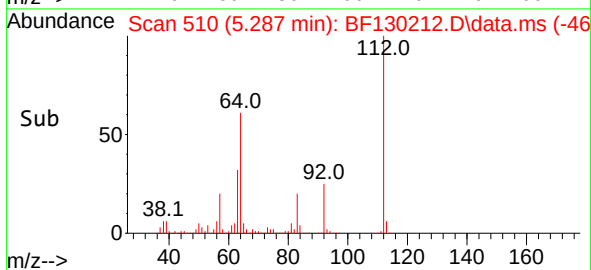
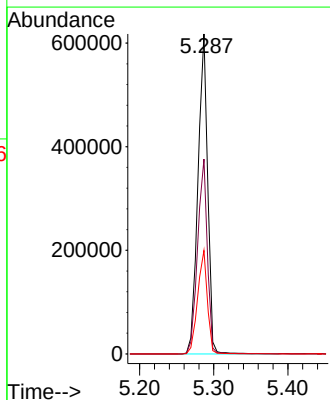
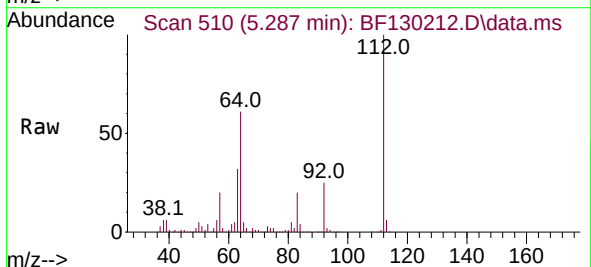
Instrument :
 BNA_F
 ClientSampleId :
 256074-2

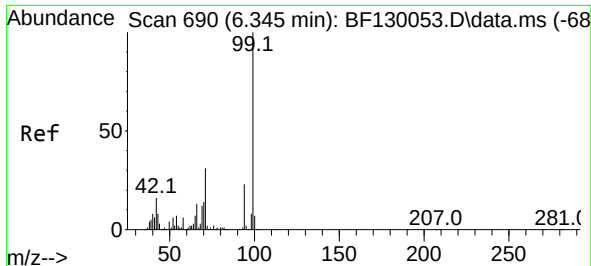
Tgt Ion:152 Resp: 113134
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.9 190.3
 115 63.8 53.4 80.0



#5
 2-Fluorophenol
 Concen: 84.908 ng
 RT: 5.287 min Scan# 510
 Delta R.T. -0.012 min
 Lab File: BF130212.D
 Acq: 12 Sep 2022 19:03

Tgt Ion:112 Resp: 565839
 Ion Ratio Lower Upper
 112 100
 64 60.9 47.6 71.4
 63 32.3 24.6 37.0

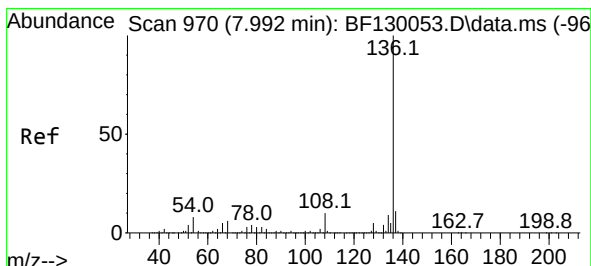
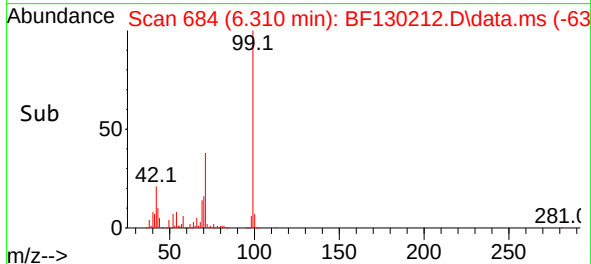
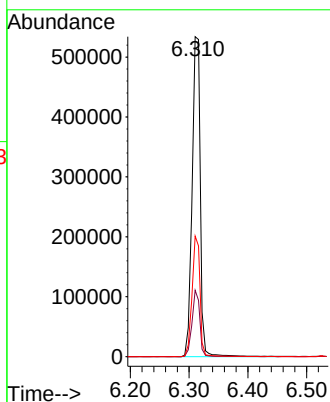
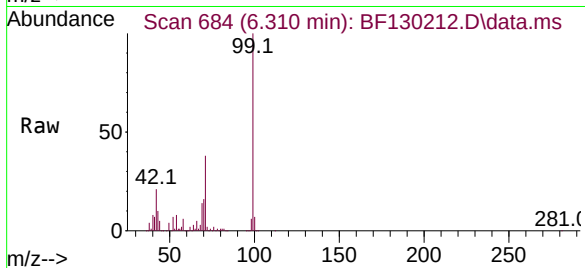




#7
Phenol-d6
Concen: 62.323 ng
RT: 6.310 min Scan# 68
Delta R.T. -0.023 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

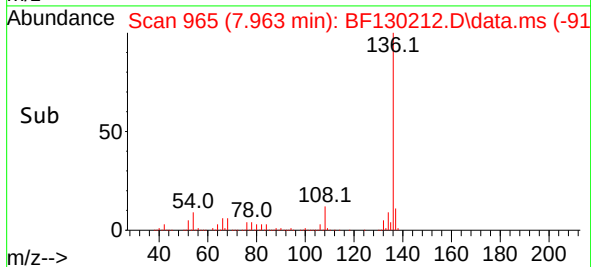
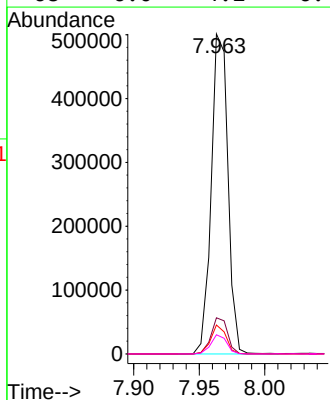
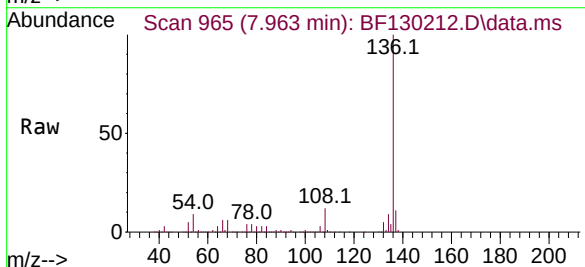
Instrument :
BNA_F
ClientSampleId :
256074-2

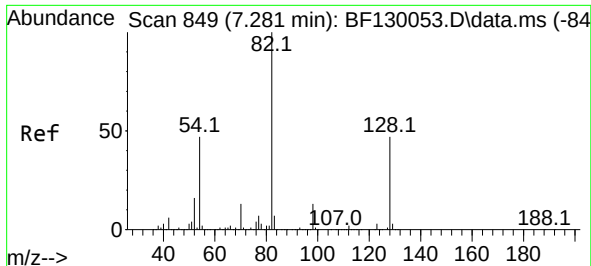
Tgt Ion: 99 Resp: 517794
Ion Ratio Lower Upper
99 100
42 20.7 15.0 22.4
71 37.7 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 965
Delta R.T. -0.018 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

Tgt Ion: 136 Resp: 445298
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 9.0 6.2 9.2
68 6.0 4.2 6.4





#23

Nitrobenzene-d5

Concen: 92.424 ng

RT: 7.251 min Scan# 84

Delta R.T. -0.018 min

Lab File: BF130212.D

Acq: 12 Sep 2022 19:03

Instrument :

BNA_F

ClientSampleId :

256074-2

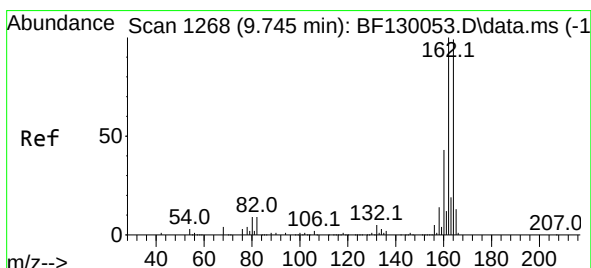
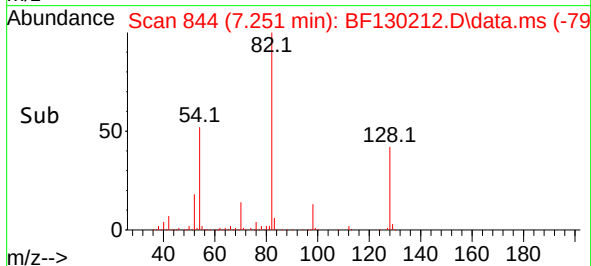
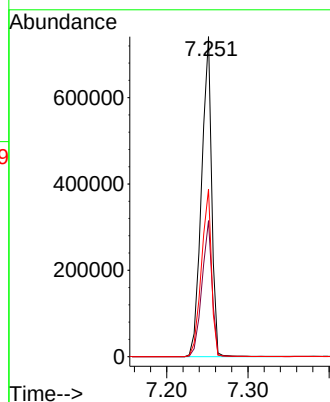
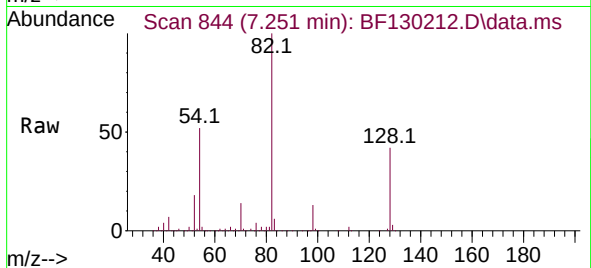
Tgt Ion: 82 Resp: 640404

Ion Ratio Lower Upper

82 100

128 42.5 36.1 54.1

54 52.3 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.716 min Scan# 1263

Delta R.T. -0.018 min

Lab File: BF130212.D

Acq: 12 Sep 2022 19:03

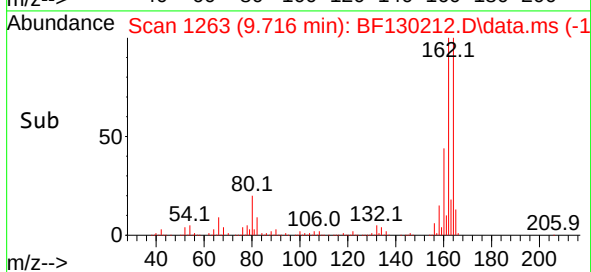
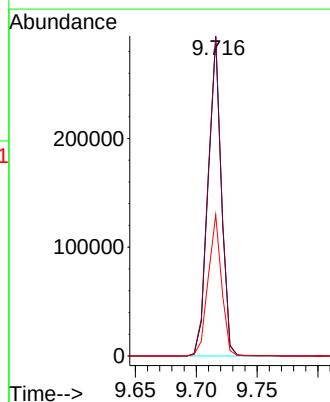
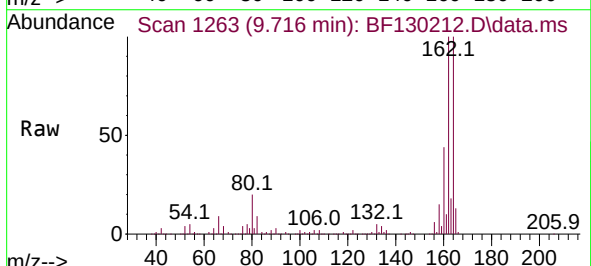
Tgt Ion:164 Resp: 220960

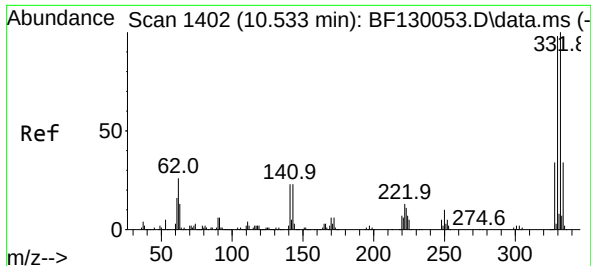
Ion Ratio Lower Upper

164 100

162 100.4 82.0 123.0

160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 117.200 ng

RT: 10.504 min Scan# 1149

Delta R.T. -0.018 min

Lab File: BF130212.D

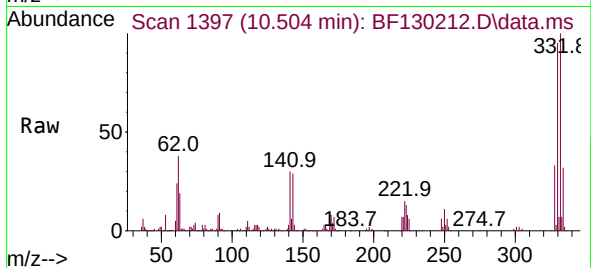
Acq: 12 Sep 2022 19:03

Instrument :

BNA_F

ClientSampleId :

256074-2



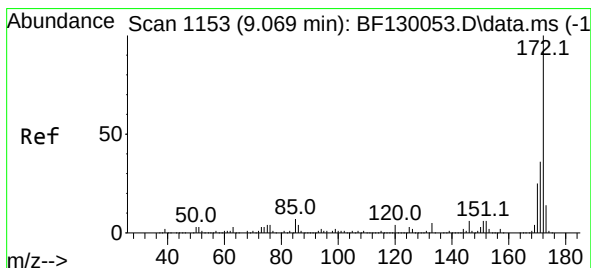
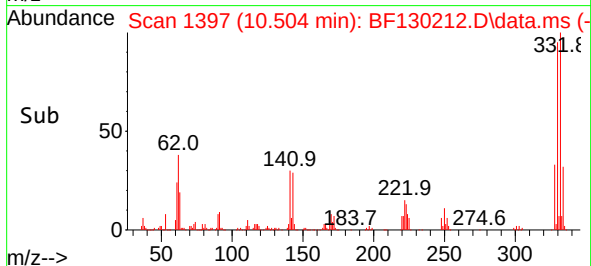
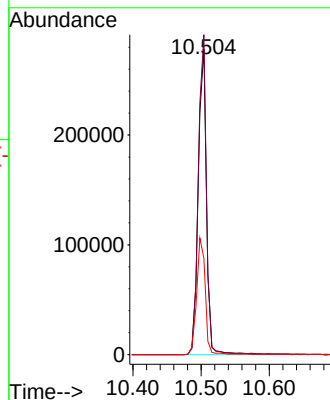
Tgt Ion:330 Resp: 235730

Ion Ratio Lower Upper

330 100

332 102.8 82.6 124.0

141 39.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 83.557 ng

RT: 9.045 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF130212.D

Acq: 12 Sep 2022 19:03

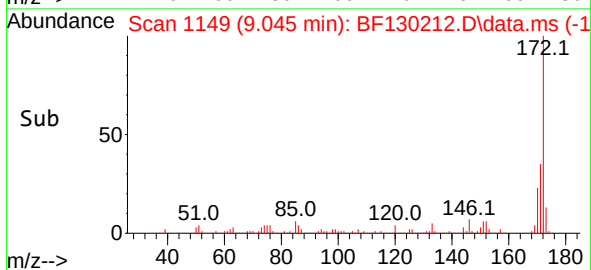
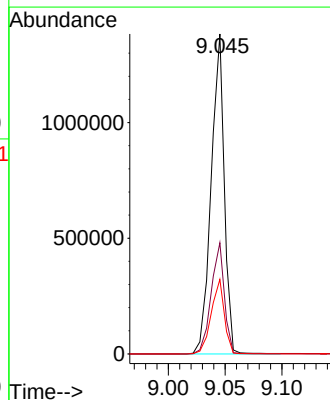
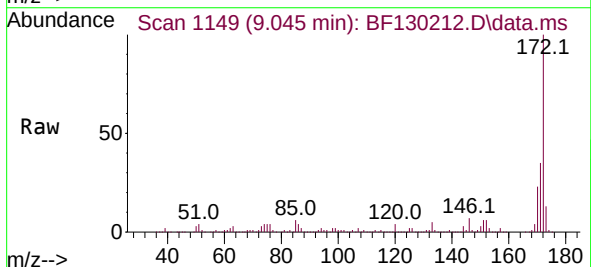
Tgt Ion:172 Resp: 1113579

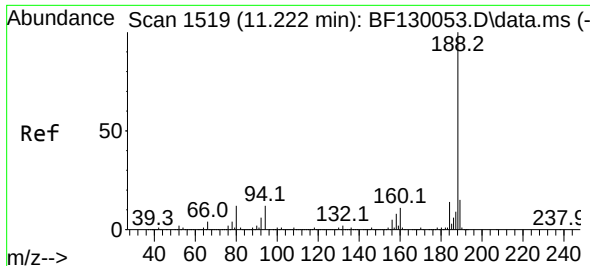
Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.3 19.1 28.7

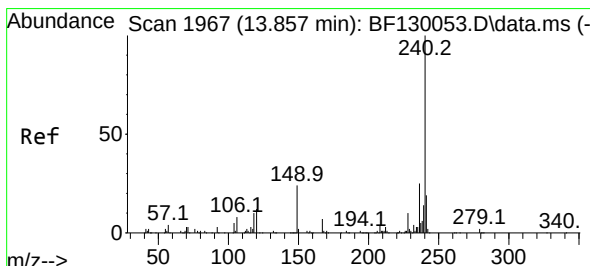
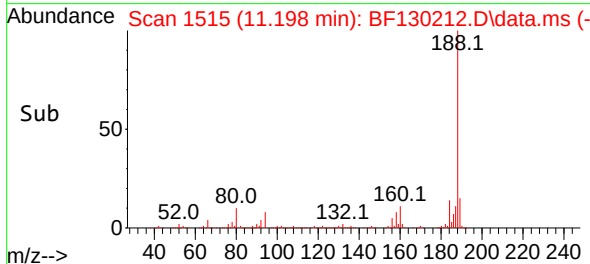
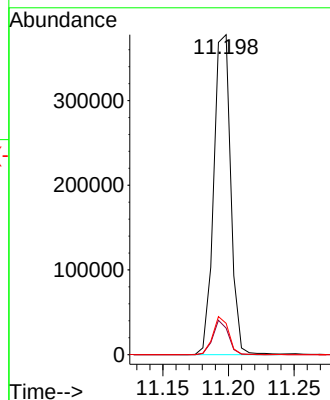
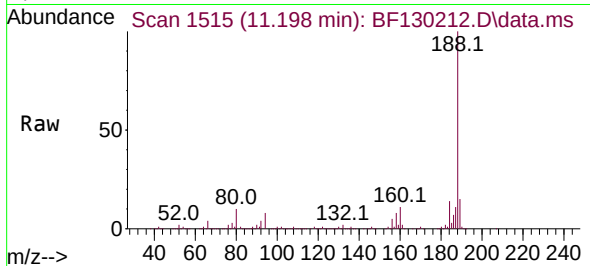




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.198 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

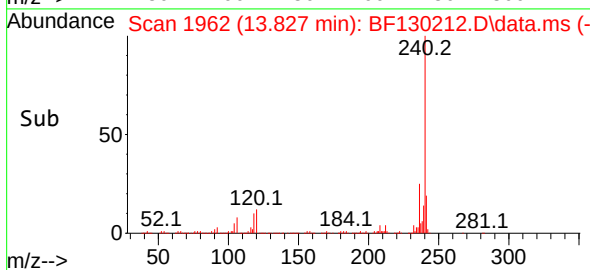
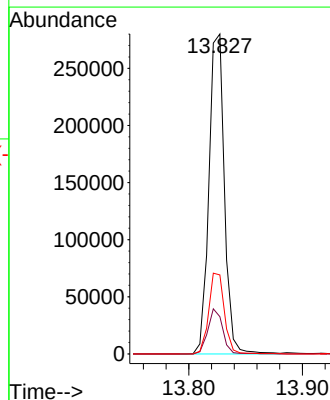
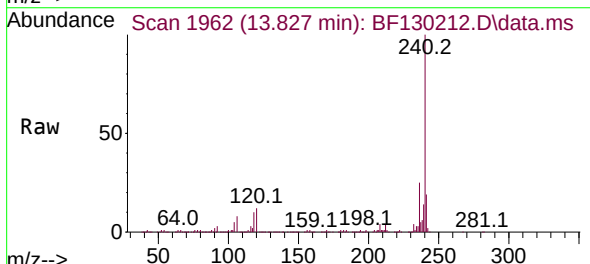
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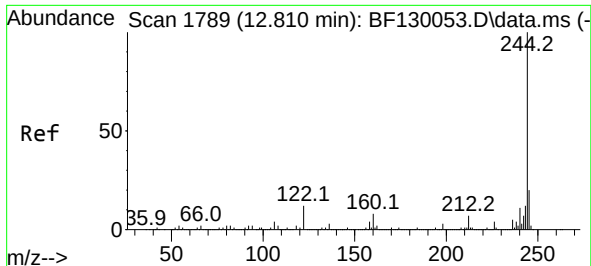
Tgt Ion:188 Resp: 340739
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BF130212.D
Acq: 12 Sep 2022 19:03

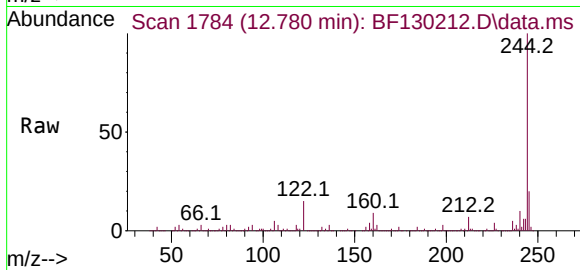
Tgt Ion:240 Resp: 266316
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 24.7 20.7 31.1



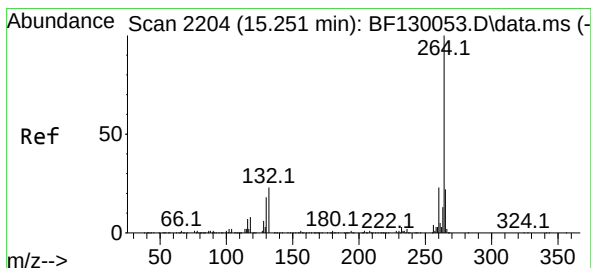
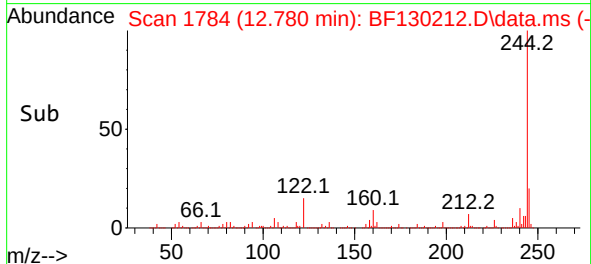
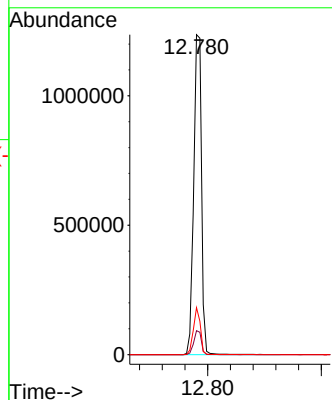


#79
 Terphenyl-d14
 Concen: 76.221 ng
 RT: 12.780 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF130212.D
 Acq: 12 Sep 2022 19:03

Instrument :
 BNA_F
 ClientSampleId :
 256074-2



Tgt Ion:244 Resp: 1170552
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 14.7 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.221 min Scan# 2199
 Delta R.T. -0.018 min
 Lab File: BF130212.D
 Acq: 12 Sep 2022 19:03

Tgt Ion:264 Resp: 299172
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.3 16.7 25.1

