

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090922\
 Data File : BF130195.D
 Acq On : 09 Sep 2022 15:14
 Operator : CG\JU
 Sample : N4539-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MBD-WC-S-SB-1-2-0-5

Quant Time: Sep 09 23:46:46 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	6.692	152	173442	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	594313	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	265933	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	434667	20.000	ng	0.00
76) Chrysene-d12	13.827	240	278499	20.000	ng	-0.02
86) Perylene-d12	15.227	264	349338	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	710709	69.564	ng	0.00
7) Phenol-d6	6.322	99	833036	65.402	ng	-0.01
23) Nitrobenzene-d5	7.257	82	999172	108.046	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	234927	97.048	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	1439361	89.737	ng	0.00
79) Terphenyl-d14	12.792	244	1416200	88.182	ng	0.00

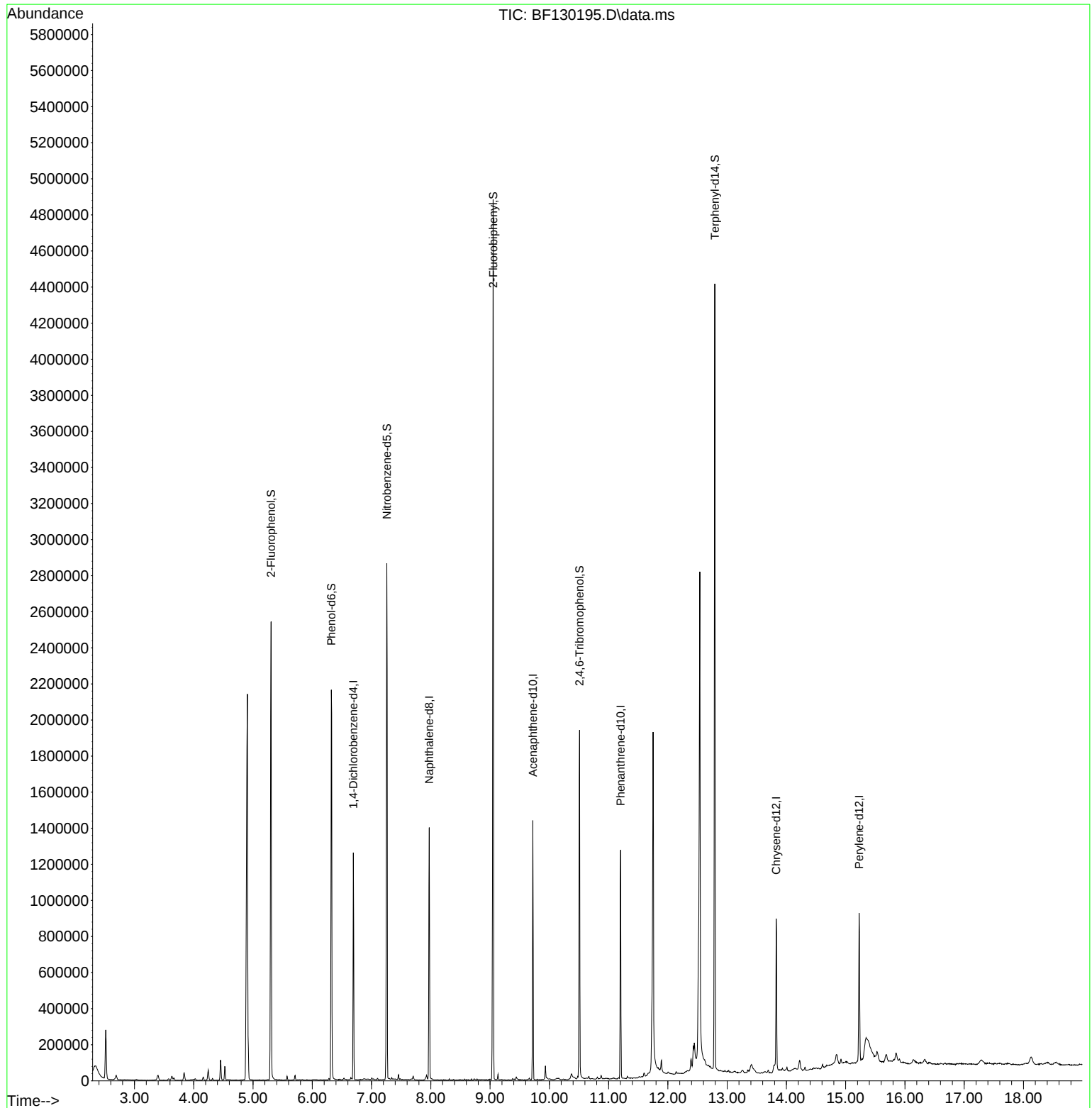
Target Compounds Qvalue

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

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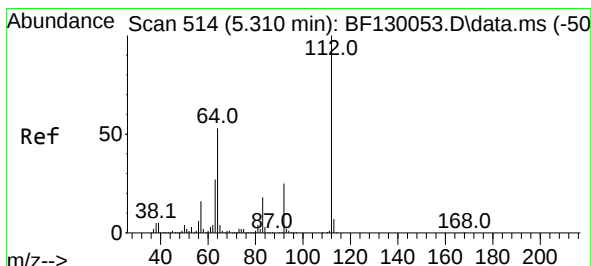
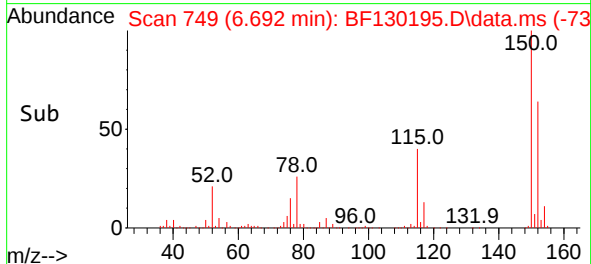
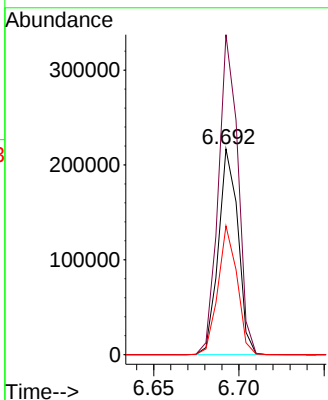
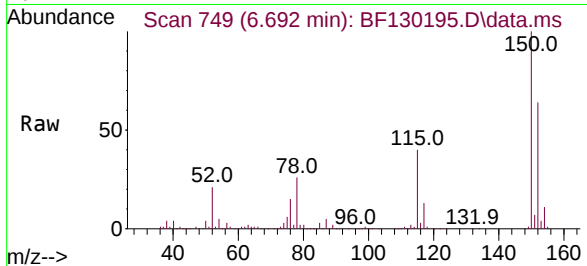




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130195.D
 Acq: 09 Sep 2022 15:14

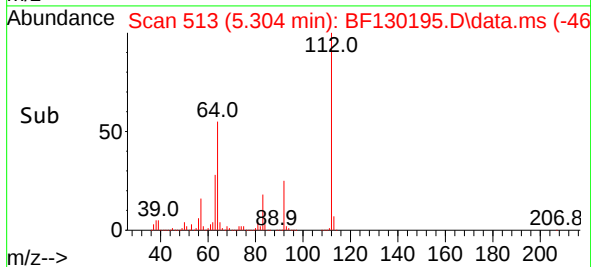
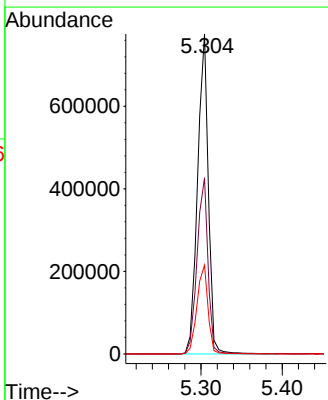
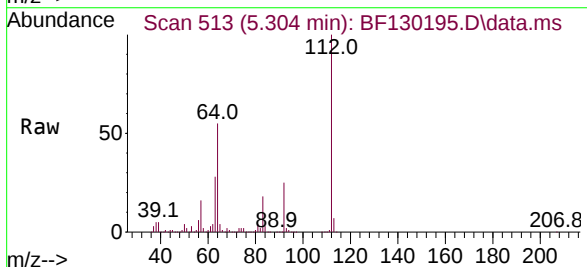
Instrument :
 BNA_F
 ClientSampleId :
 MBD-WC-S-SB-1-2-0-5

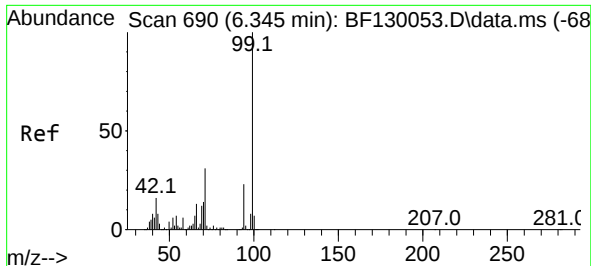
Tgt Ion:152 Resp: 173442
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.9 190.3
 115 62.5 53.4 80.0



#5
 2-Fluorophenol
 Concen: 69.564 ng
 RT: 5.304 min Scan# 513
 Delta R.T. 0.006 min
 Lab File: BF130195.D
 Acq: 09 Sep 2022 15:14

Tgt Ion:112 Resp: 710709
 Ion Ratio Lower Upper
 112 100
 64 55.1 47.6 71.4
 63 27.7 24.6 37.0

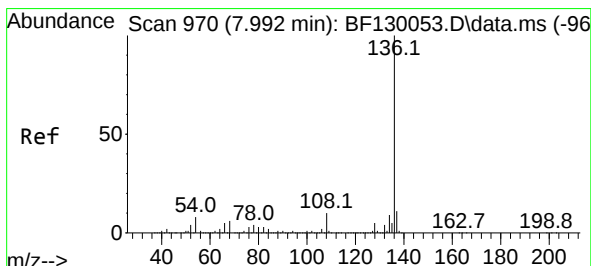
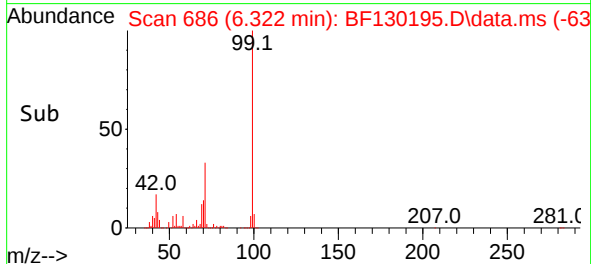
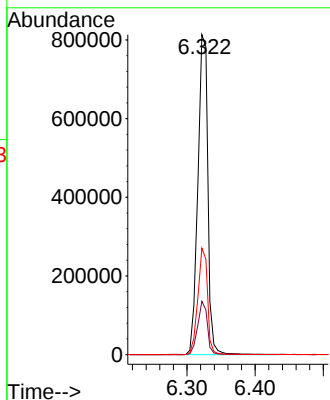
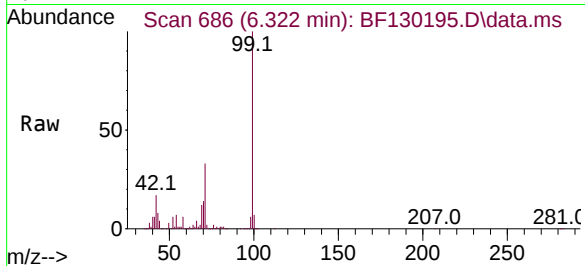




#7
Phenol-d6
Concen: 65.402 ng
RT: 6.322 min Scan# 68
Delta R.T. -0.012 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

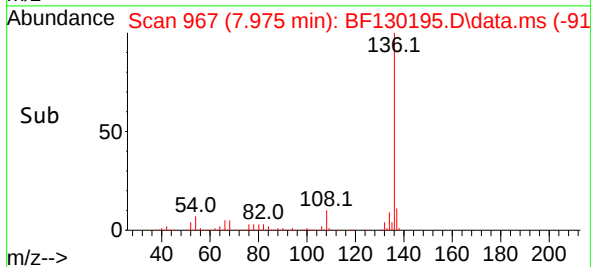
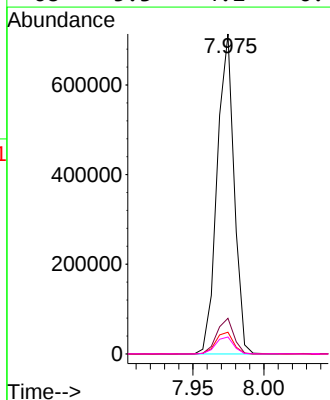
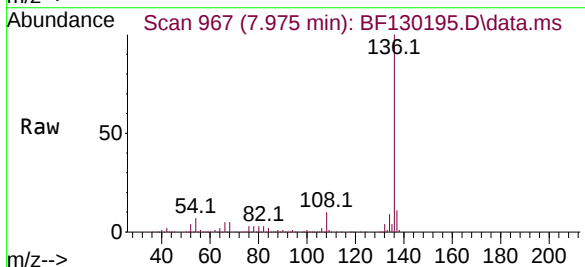
Instrument :
BNA_F
ClientSampleId :
MBD-WC-S-SB-1-2-0-5

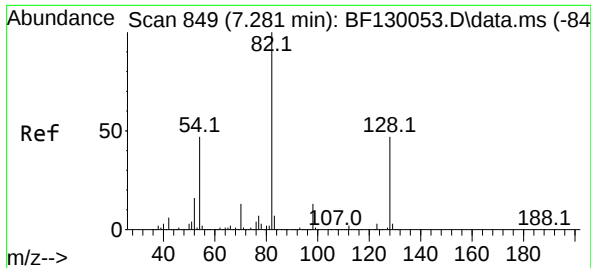
Tgt Ion: 99 Resp: 833036
Ion Ratio Lower Upper
99 100
42 16.7 15.0 22.4
71 33.3 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

Tgt Ion: 136 Resp: 594313
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.8 6.2 9.2
68 5.3 4.2 6.4

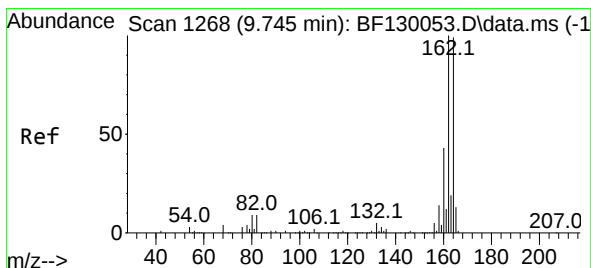
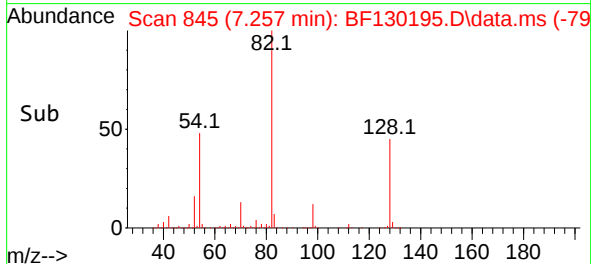
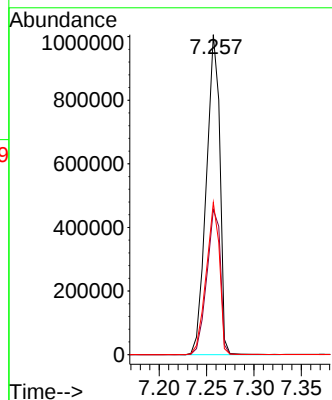
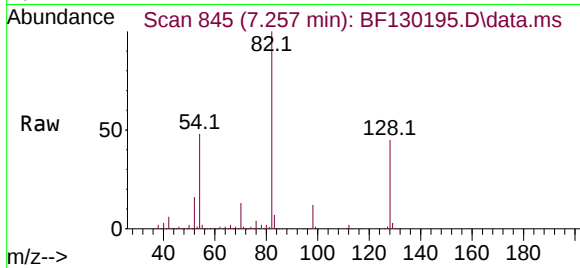




#23
 Nitrobenzene-d5
 Concen: 108.046 ng
 RT: 7.257 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BF130195.D
 Acq: 09 Sep 2022 15:14

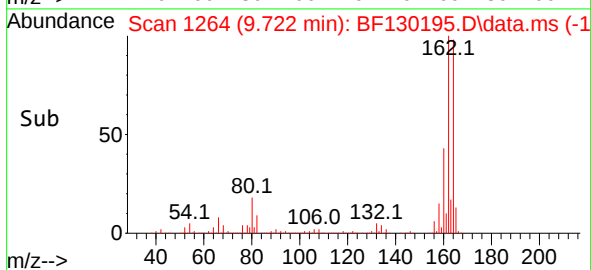
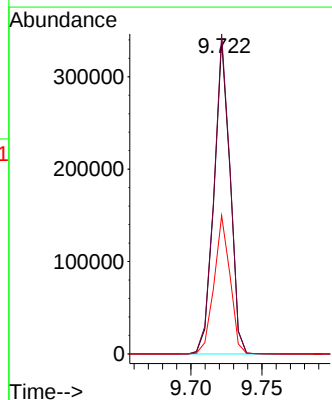
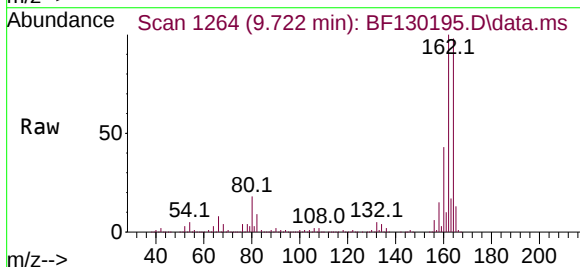
Instrument :
 BNA_F
 ClientSampleId :
 MBD-WC-S-SB-1-2-0-5

Tgt Ion: 82 Resp: 999172
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 47.5 40.0 60.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.722 min Scan# 1264
 Delta R.T. -0.012 min
 Lab File: BF130195.D
 Acq: 09 Sep 2022 15:14

Tgt Ion: 164 Resp: 265933
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.0 123.0
 160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 97.048 ng

RT: 10.510 min Scan# 1398

Delta R.T. -0.012 min

Lab File: BF130195.D

Acq: 09 Sep 2022 15:14

Instrument :

BNA_F

ClientSampleId :

MBD-WC-S-SB-1-2-0-5

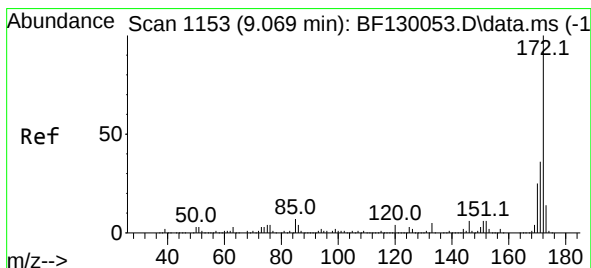
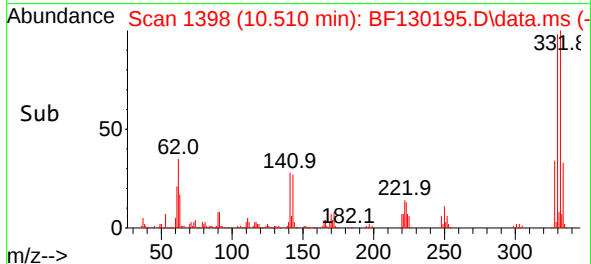
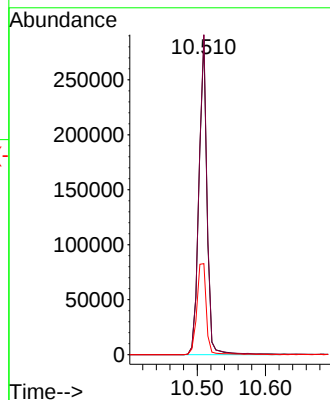
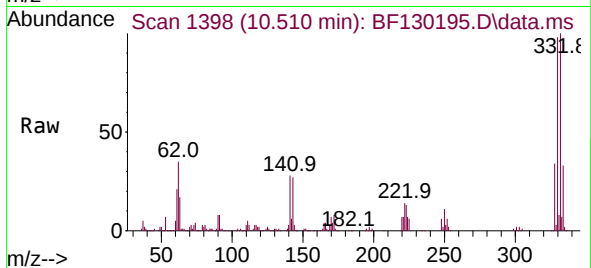
Tgt Ion:330 Resp: 234927

Ion Ratio Lower Upper

330 100

332 101.8 82.6 124.0

141 34.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 89.737 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF130195.D

Acq: 09 Sep 2022 15:14

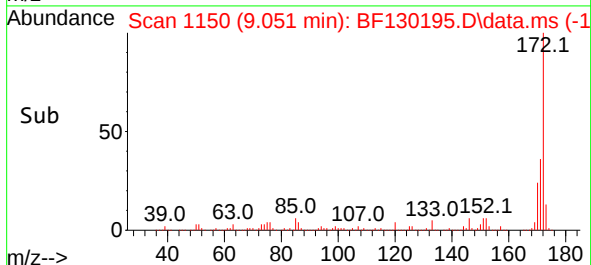
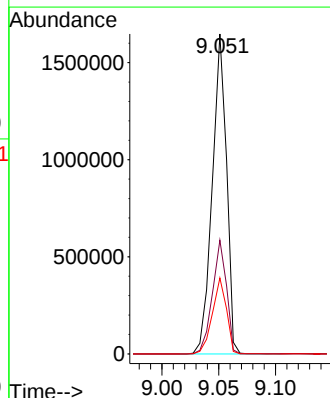
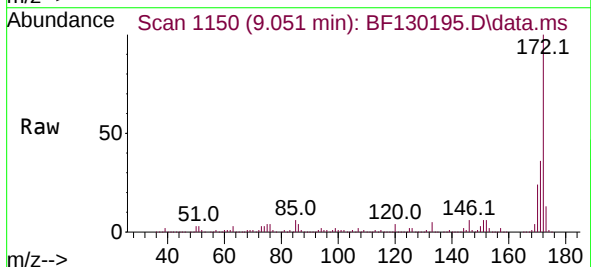
Tgt Ion:172 Resp: 1439361

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.7 19.1 28.7

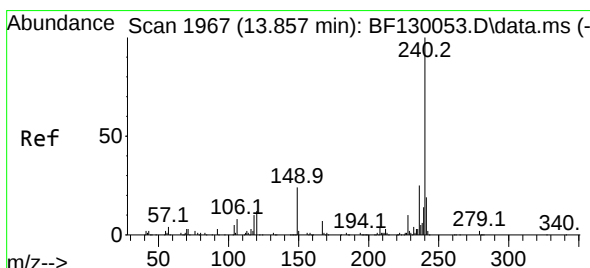
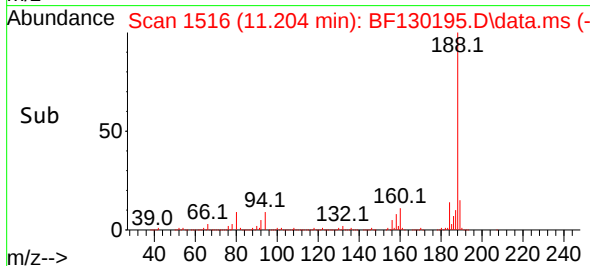
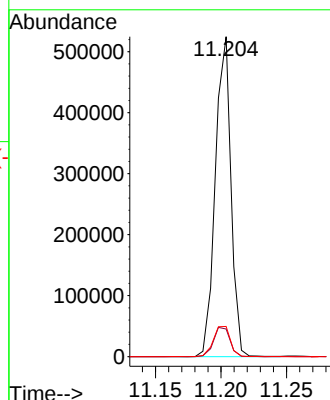
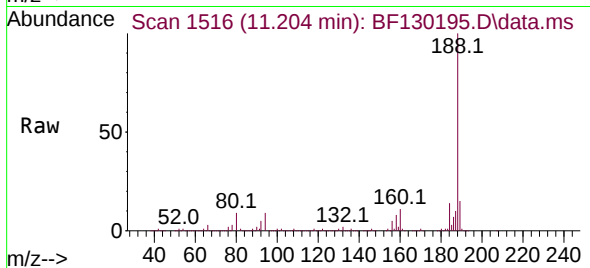




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

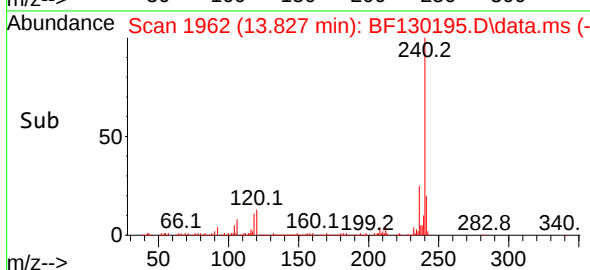
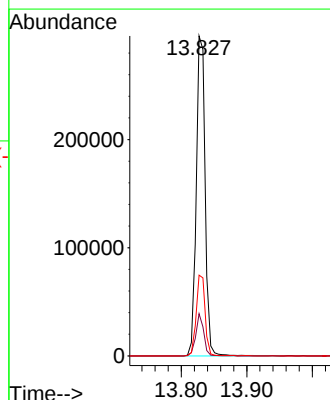
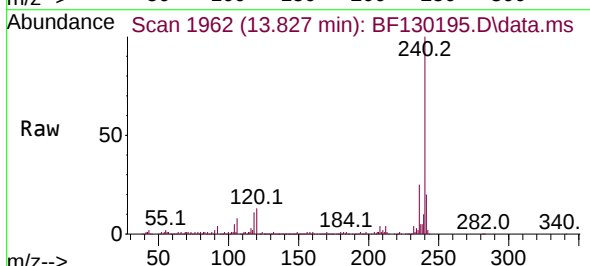
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MBD-WC-S-SB-1-2-0-5

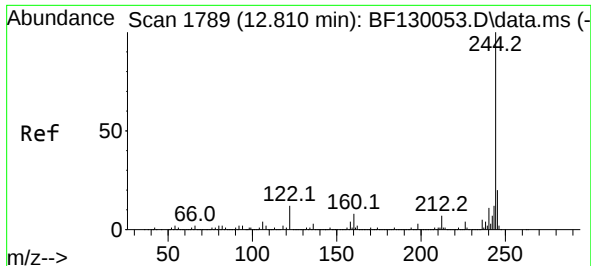
Tgt Ion:188 Resp: 434667
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

Tgt Ion:240 Resp: 278499
Ion Ratio Lower Upper
240 100
120 13.2 9.2 13.8
236 25.2 20.7 31.1

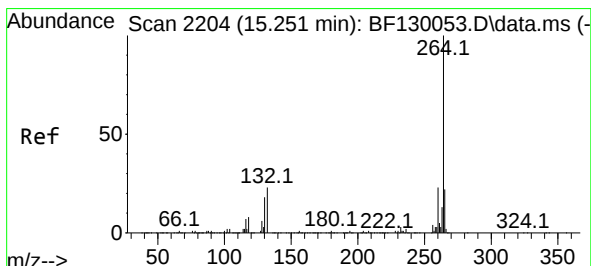
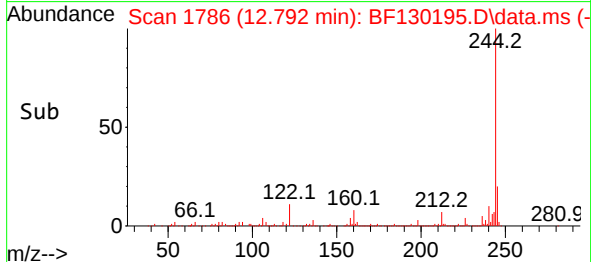
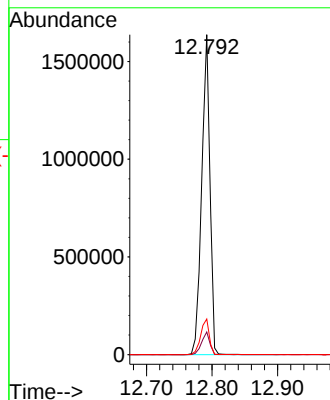
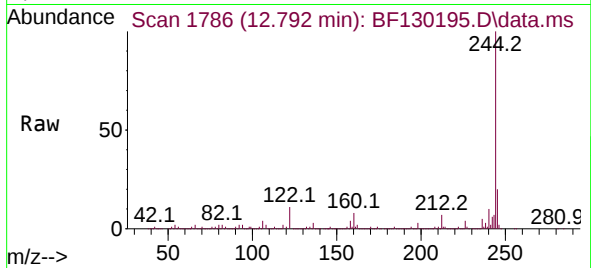




#79
 Terphenyl-d14
 Concen: 88.182 ng
 RT: 12.792 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130195.D
 Acq: 09 Sep 2022 15:14

Instrument :
 BNA_F
 ClientSampleId :
 MBD-WC-S-SB-1-2-0-5

Tgt Ion:244 Resp: 1416200
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.1 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.227 min Scan# 2200
 Delta R.T. -0.012 min
 Lab File: BF130195.D
 Acq: 09 Sep 2022 15:14

Tgt Ion:264 Resp: 349338
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.9 16.7 25.1

