

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134603.D
 Acq On : 03 Aug 2023 10:56
 Operator : CG\JU
 Sample : 03706-06RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P20BRE

Quant Time: Aug 04 01:05:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	141405	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	521127	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	209792	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	358596	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	242872	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	189589	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	912345	98.077	ng	0.00
7) Phenol-d6	6.422	99	1157157	97.312	ng	0.00
23) Nitrobenzene-d5	7.351	82	662220	79.412	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	219524	102.647	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1066278	84.507	ng	0.00
79) Terphenyl-d14	12.910	244	1046217	75.939	ng	0.00

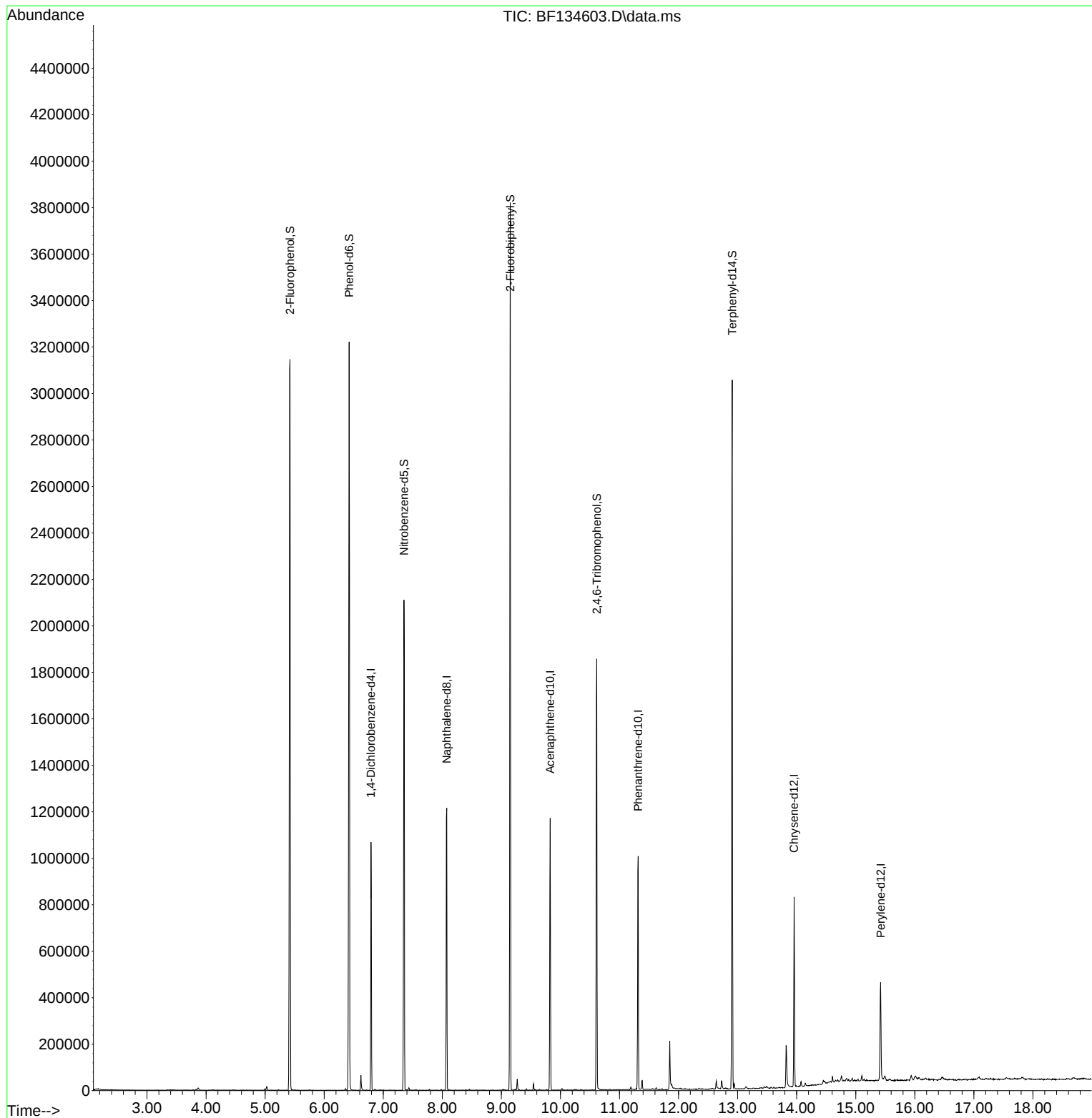
Target Compounds	Qvalue

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

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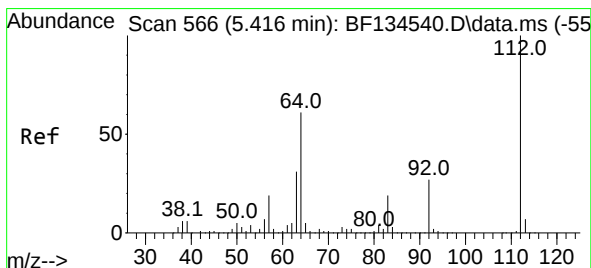
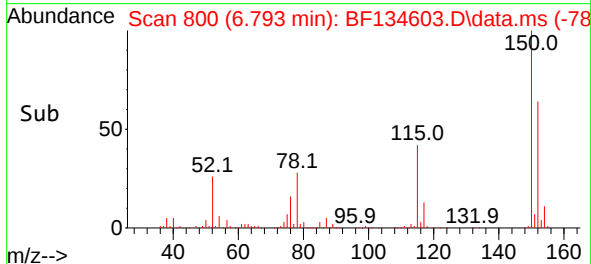
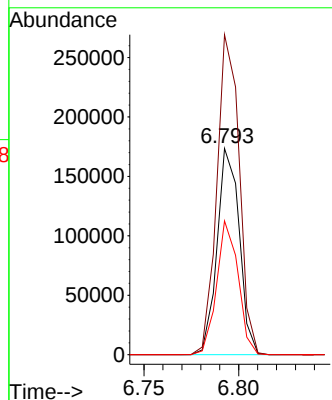
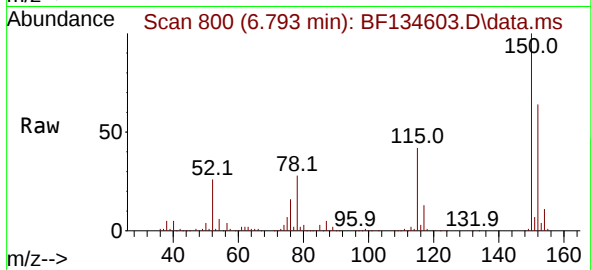




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:56

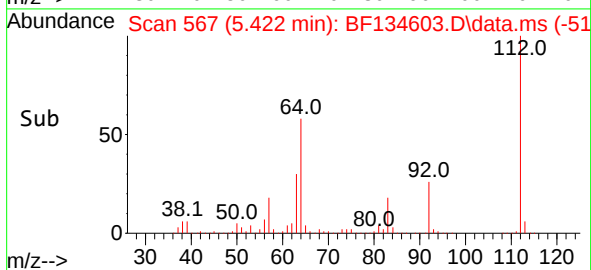
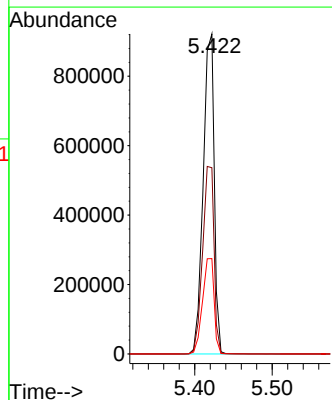
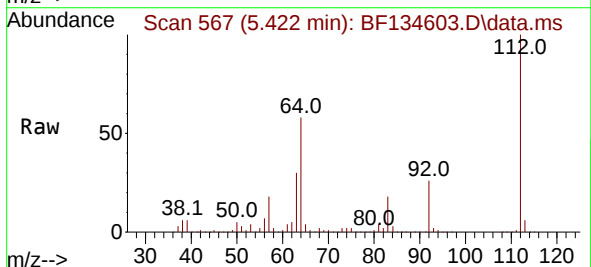
Instrument :
BNA_F
ClientSampleId :
B-P20BRE

Tgt Ion:152 Resp: 141405
Ion Ratio Lower Upper
152 100
150 155.1 128.3 192.5
115 64.9 52.4 78.6



#5
2-Fluorophenol
Concen: 98.077 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:56

Tgt Ion:112 Resp: 912345
Ion Ratio Lower Upper
112 100
64 58.2 44.9 67.3
63 29.8 25.4 38.0

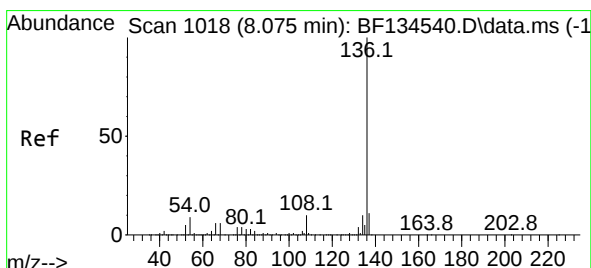
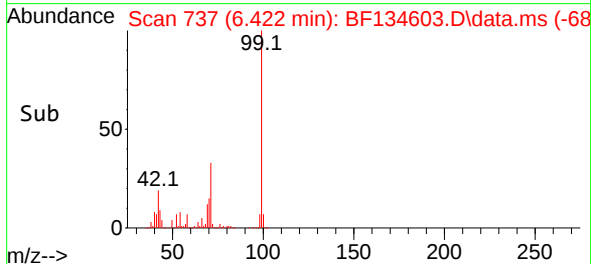
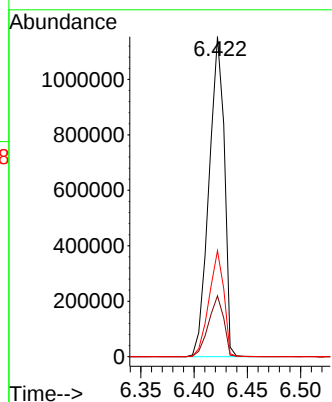
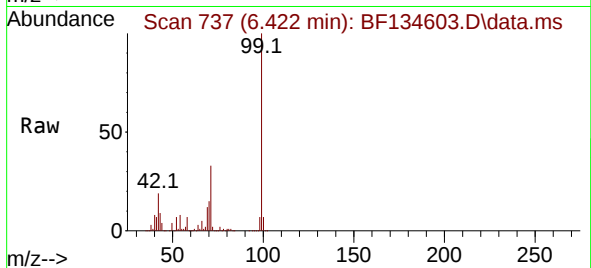




#7
Phenol-d6
Concen: 97.312 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:56

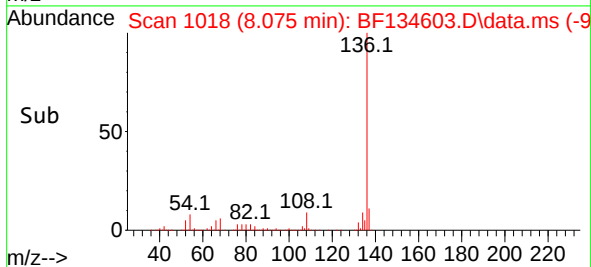
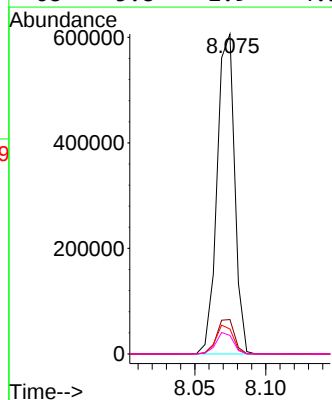
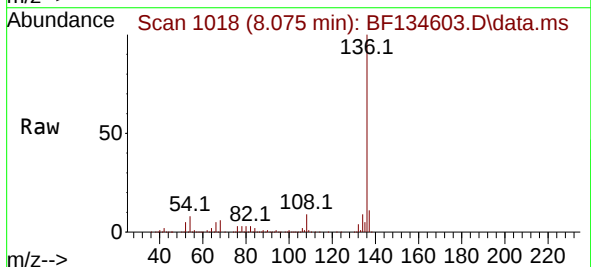
Instrument :
BNA_F
ClientSampleId :
B-P20BRE

Tgt Ion: 99 Resp: 1157157
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 33.1 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:56

Tgt Ion: 136 Resp: 521127
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.8 5.2 7.8#
68 5.8 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 79.412 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134603.D

Acq: 03 Aug 2023 10:56

Instrument :

BNA_F

ClientSampleId :

B-P20BRE

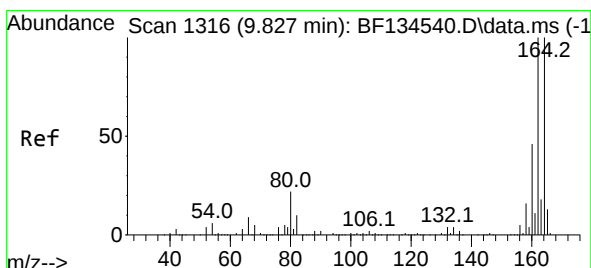
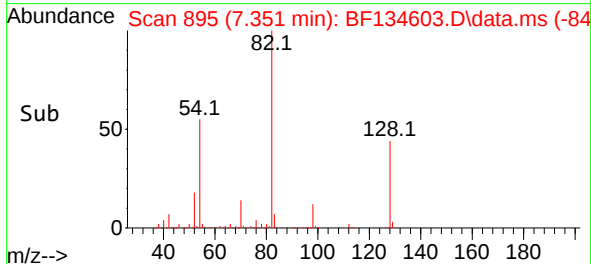
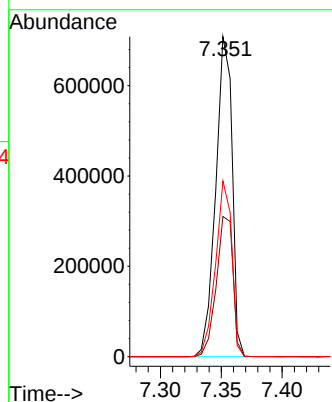
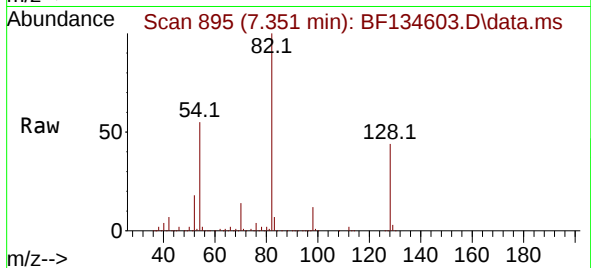
Tgt Ion: 82 Resp: 662220

Ion Ratio Lower Upper

82 100

128 43.8 34.3 51.5

54 54.9 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF134603.D

Acq: 03 Aug 2023 10:56

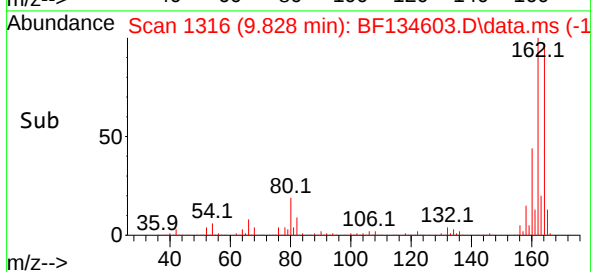
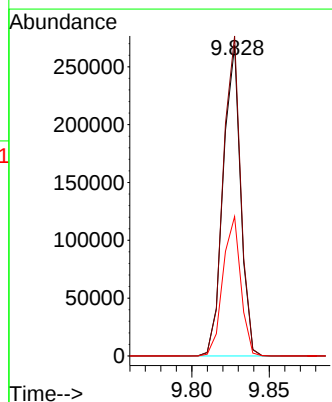
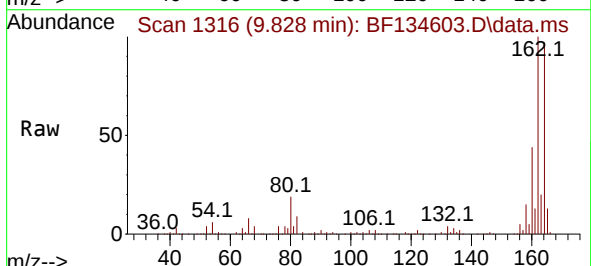
Tgt Ion: 164 Resp: 209792

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

160 44.9 37.2 55.8

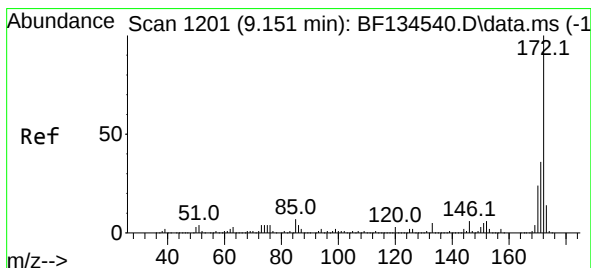
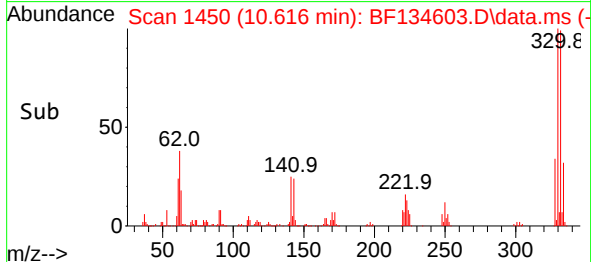
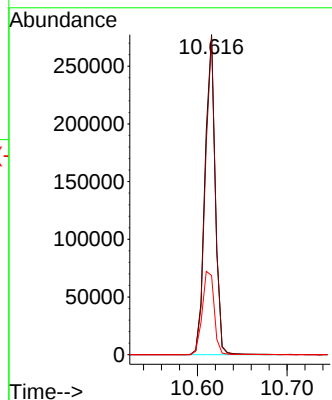
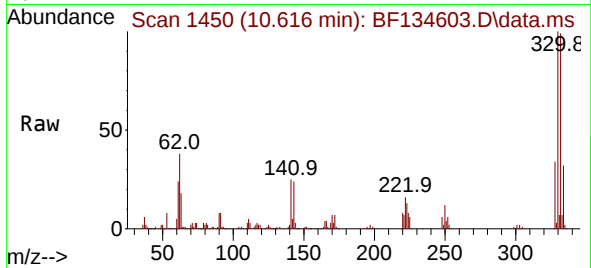




#42
 2,4,6-Tribromophenol
 Concen: 102.647 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. 0.000 min
 Lab File: BF134603.D
 Acq: 03 Aug 2023 10:56

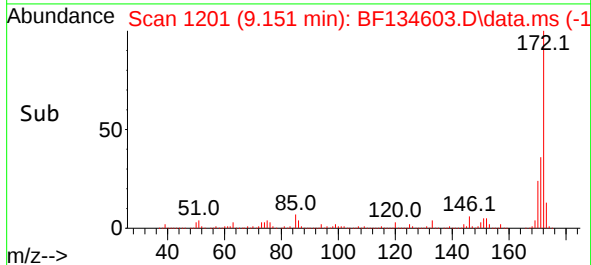
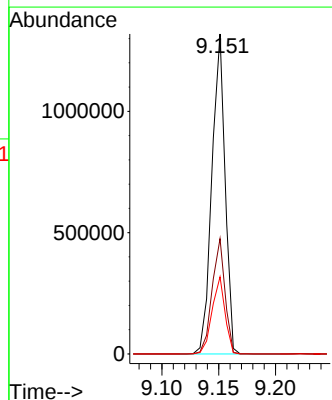
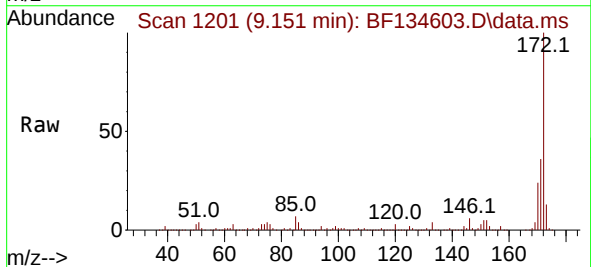
Instrument :
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 B-P20BRE

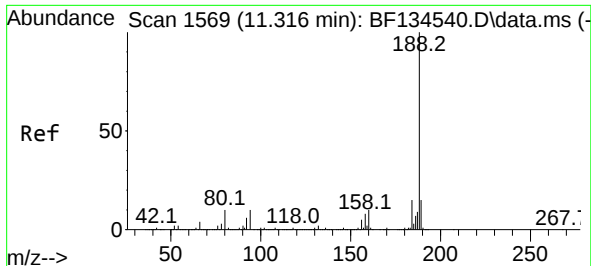
Tgt Ion:330 Resp: 219524
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.8 118.2
 141 30.3 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 84.507 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BF134603.D
 Acq: 03 Aug 2023 10:56

Tgt Ion:172 Resp: 1066278
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.8 43.2
 170 24.1 18.7 28.1

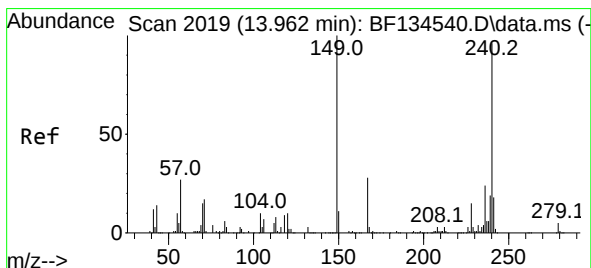
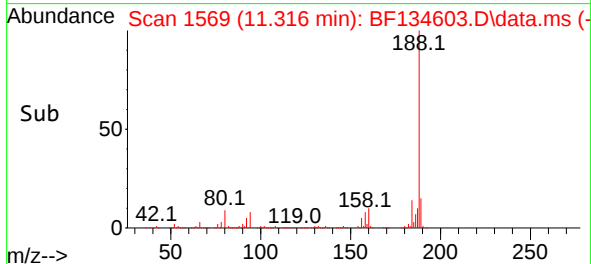
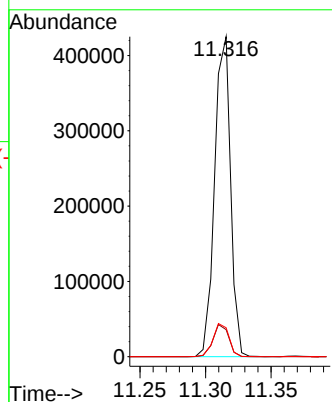
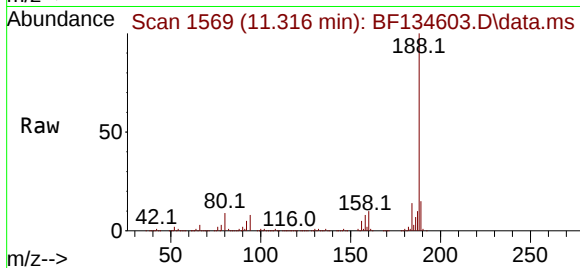




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:56

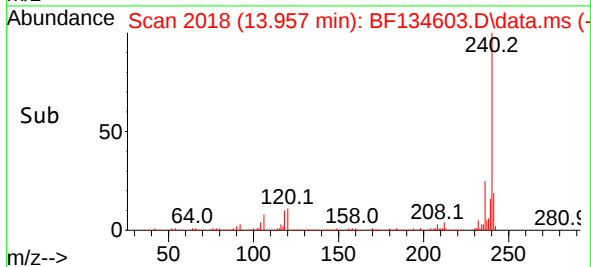
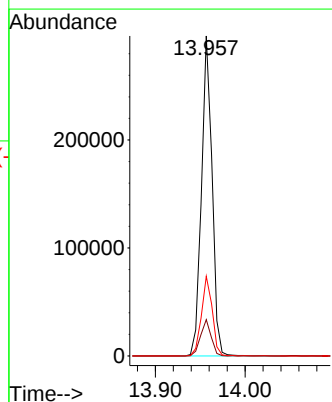
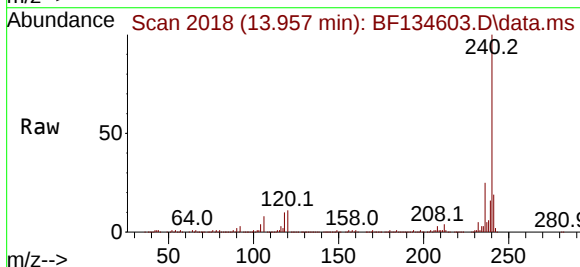
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BNA_F
ClientSampleId :
B-P20BRE

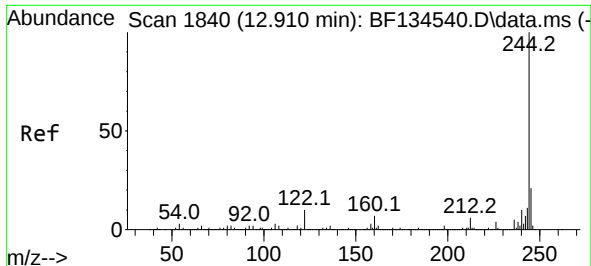
Tgt Ion:188 Resp: 358596
Ion Ratio Lower Upper
188 100
94 8.5 5.1 7.7#
80 9.0 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:56

Tgt Ion:240 Resp: 242872
Ion Ratio Lower Upper
240 100
120 11.3 6.6 10.0#
236 24.9 20.2 30.2

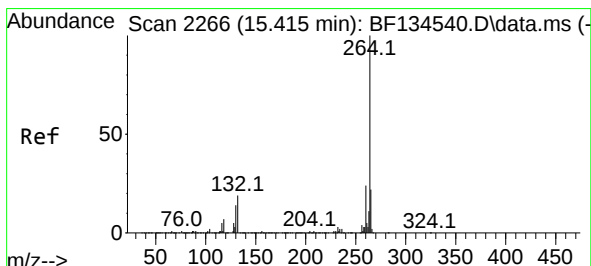
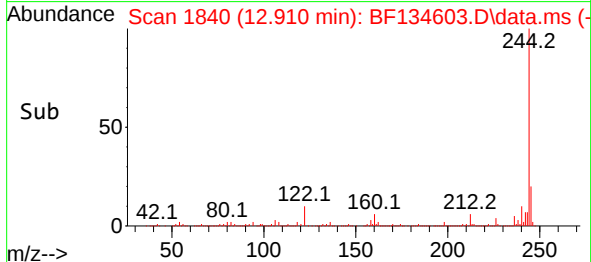
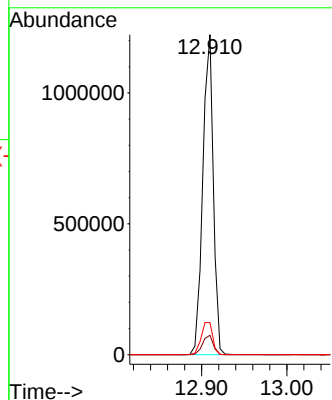
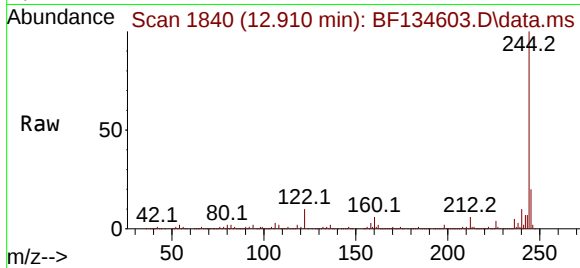




#79
 Terphenyl-d14
 Concen: 75.939 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF134603.D
 Acq: 03 Aug 2023 10:56

Instrument :
 BNA_F
 ClientSampleId :
 B-P20BRE

Tgt Ion:244 Resp: 1046217
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.6 8.4
 122 10.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF134603.D
 Acq: 03 Aug 2023 10:56

Tgt Ion:264 Resp: 189589
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 21.1 15.8 23.8

