

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134865.D
 Acq On : 21 Aug 2023 13:45
 Operator : CG\JU
 Sample : 04086-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP13B

Quant Time: Aug 21 14:08:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	171161	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	701829	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	373123	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	674237	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	397368	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	395810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	738899	65.622	ng	0.00
7) Phenol-d6	6.428	99	932967	64.818	ng	-0.01
23) Nitrobenzene-d5	7.351	82	548023	48.797	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	268119	70.490	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1044984	46.566	ng	-0.02
79) Terphenyl-d14	12.910	244	1031916	45.779	ng	-0.01

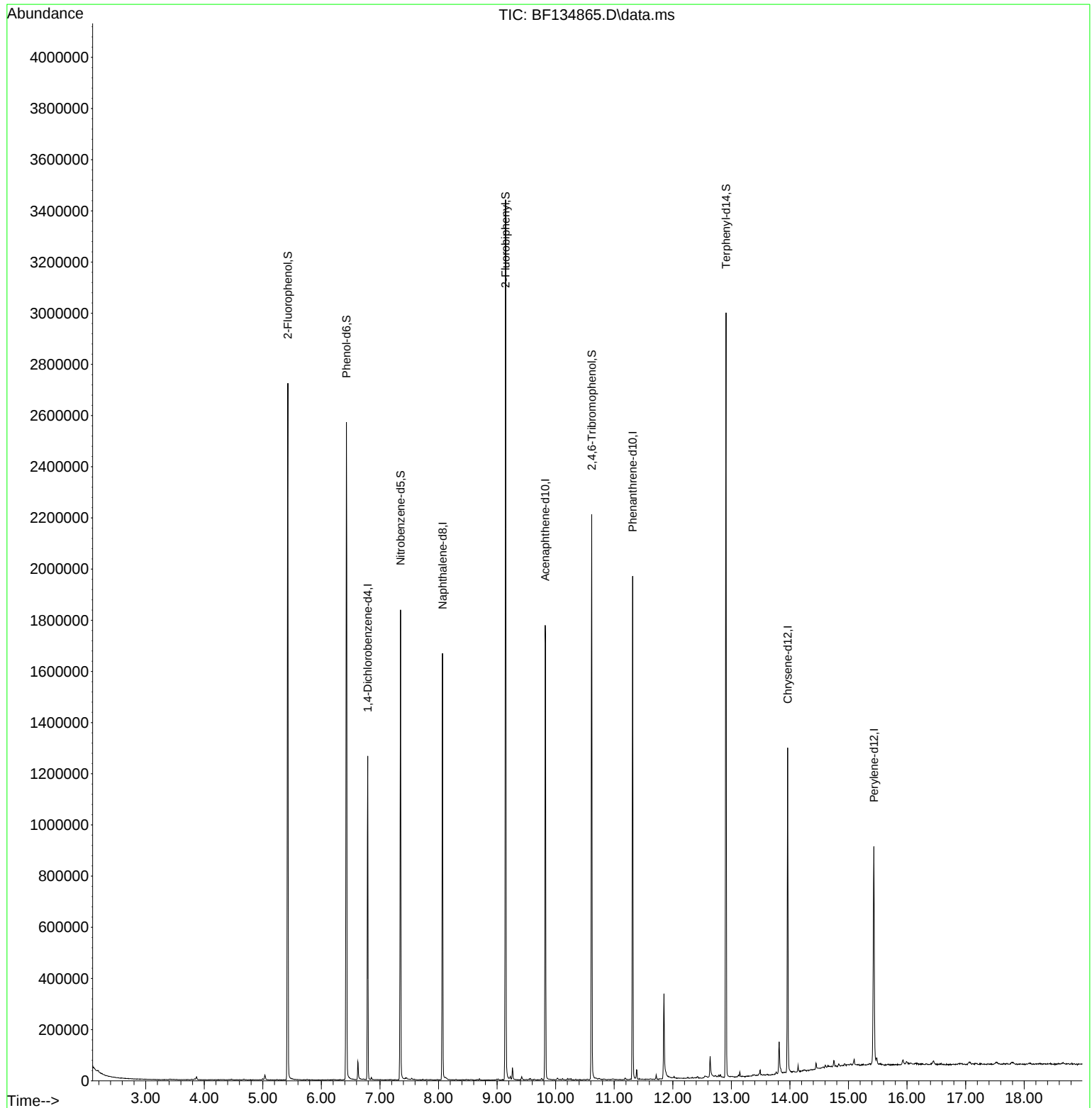
Target Compounds	Qvalue

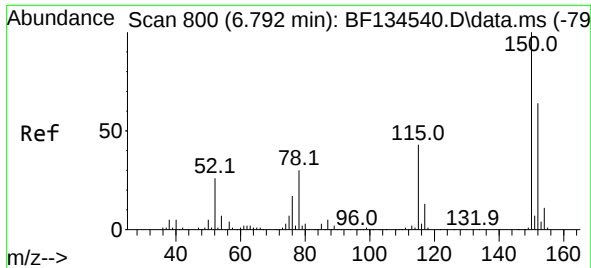
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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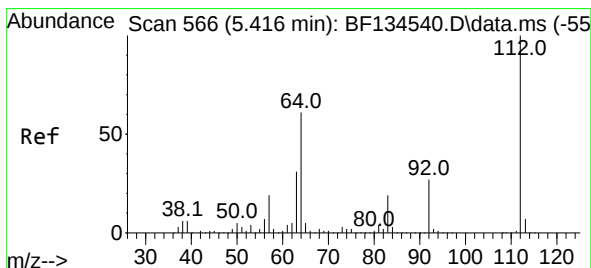
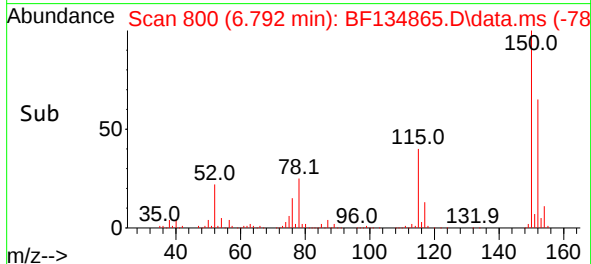
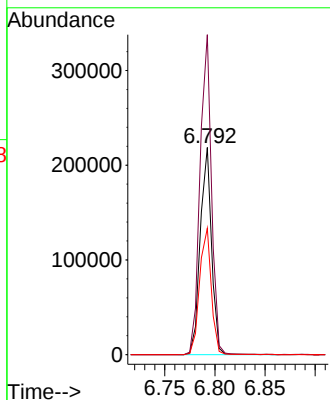
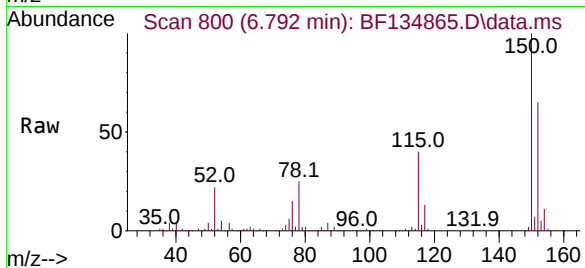




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

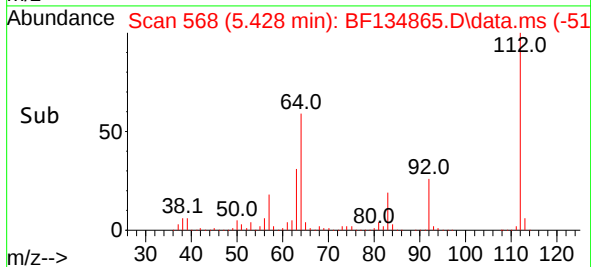
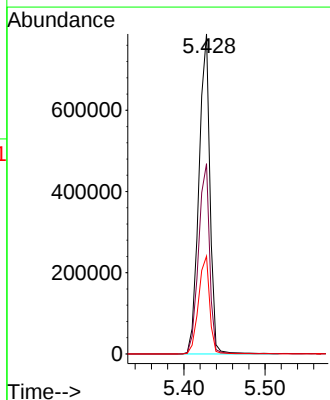
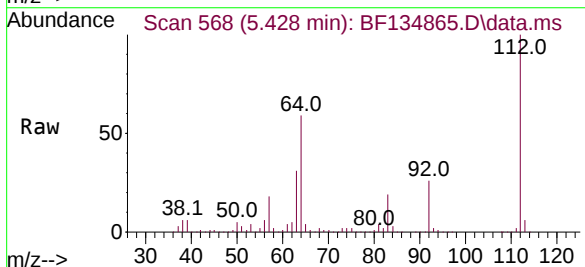
Instrument :
BNA_F
ClientSampleId :
B-PP13B

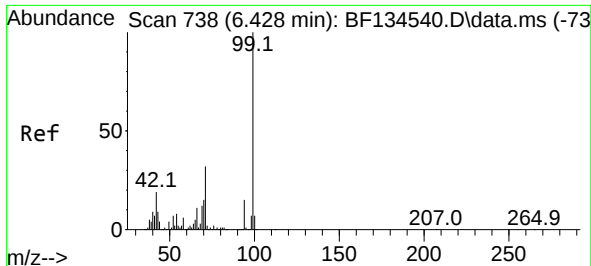
Tgt Ion:152 Resp: 171161
Ion Ratio Lower Upper
152 100
150 154.5 128.3 192.5
115 61.0 52.4 78.6



#5
2-Fluorophenol
Concen: 65.622 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

Tgt Ion:112 Resp: 738899
Ion Ratio Lower Upper
112 100
64 59.4 44.9 67.3
63 30.5 25.4 38.0

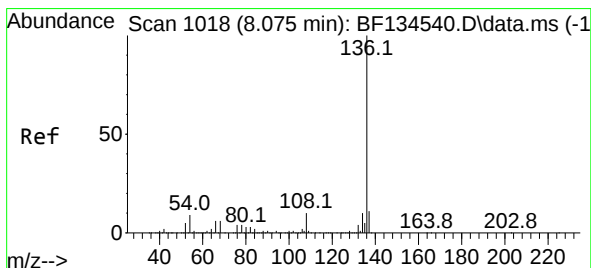
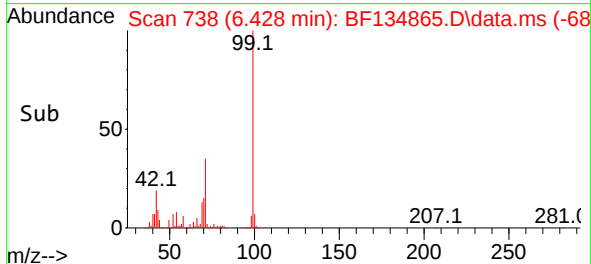
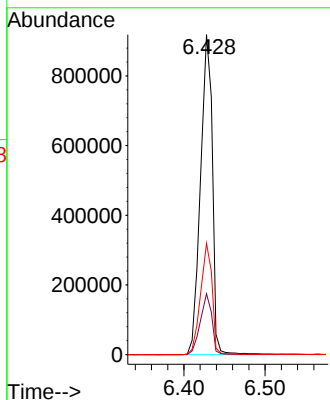
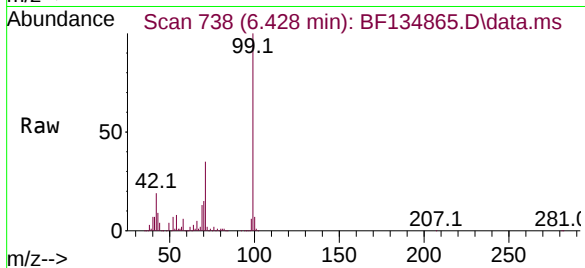




#7
Phenol-d6
Concen: 64.818 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

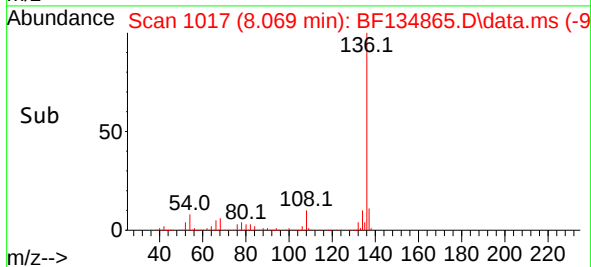
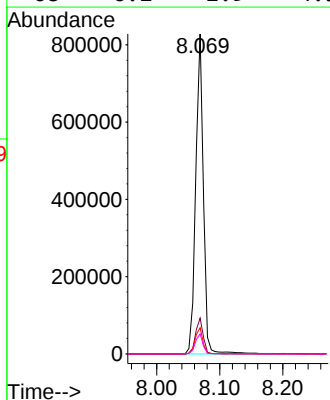
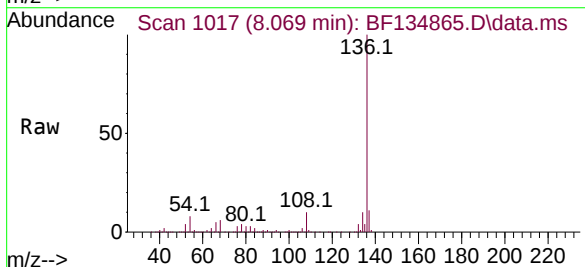
Instrument :
BNA_F
ClientSampleId :
B-PP13B

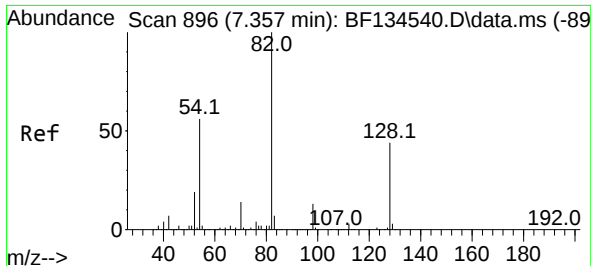
Tgt Ion: 99 Resp: 932967
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 34.8 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

Tgt Ion: 136 Resp: 701829
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.2 5.2 7.8#
68 6.2 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 48.797 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF134865.D

Acq: 21 Aug 2023 13:45

Instrument :

BNA_F

ClientSampleId :

B-PP13B

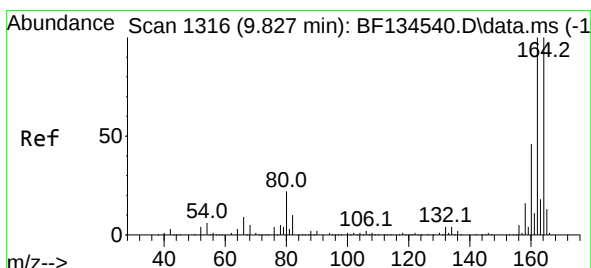
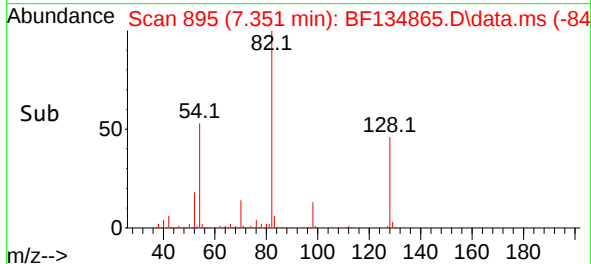
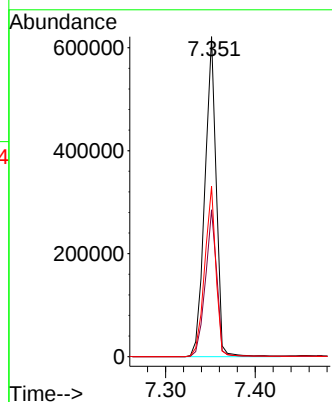
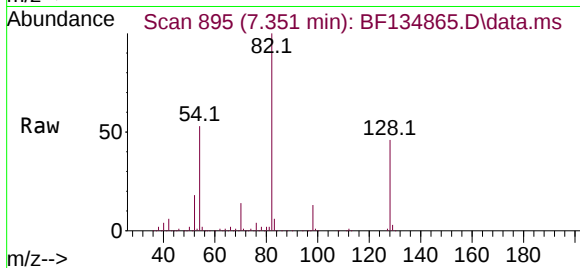
Tgt Ion: 82 Resp: 548023

Ion Ratio Lower Upper

82 100

128 45.9 34.3 51.5

54 53.2 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF134865.D

Acq: 21 Aug 2023 13:45

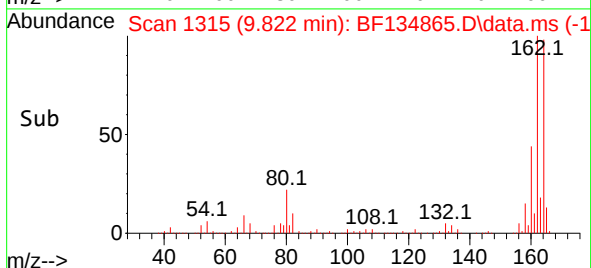
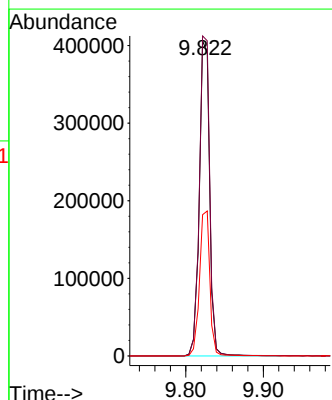
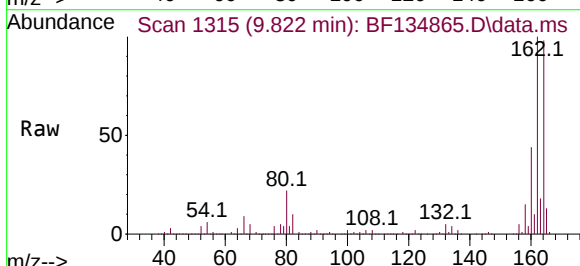
Tgt Ion: 164 Resp: 373123

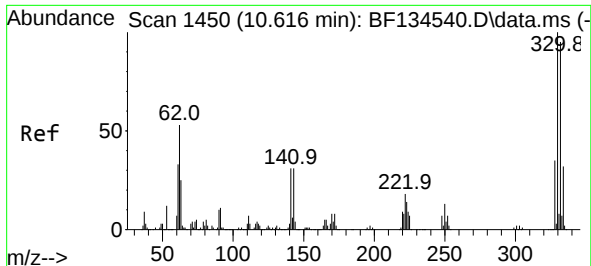
Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

160 44.8 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 70.490 ng

RT: 10.616 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF134865.D

Acq: 21 Aug 2023 13:45

Instrument :

BNA_F

ClientSampleId :

B-PP13B

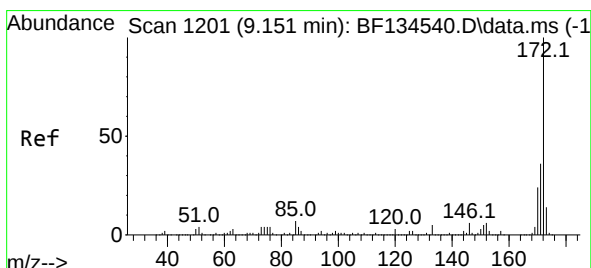
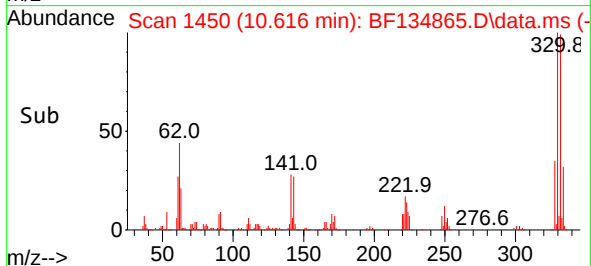
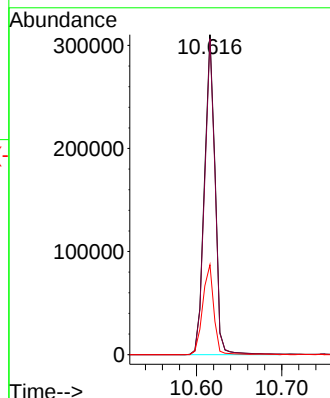
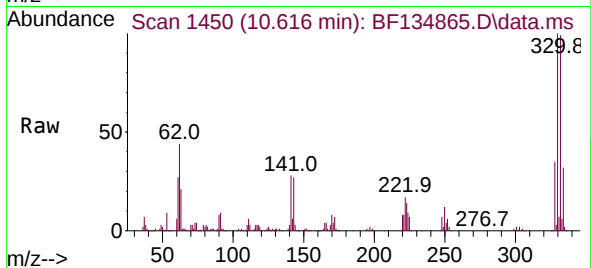
Tgt Ion:330 Resp: 268119

Ion Ratio Lower Upper

330 100

332 97.7 78.8 118.2

141 29.2 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 46.566 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF134865.D

Acq: 21 Aug 2023 13:45

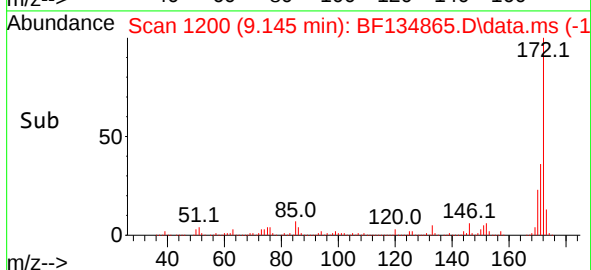
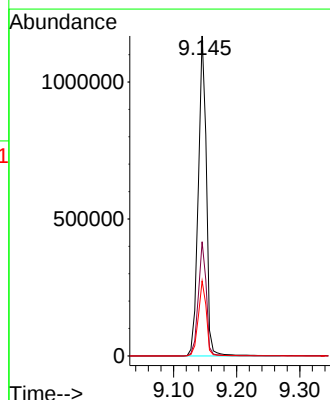
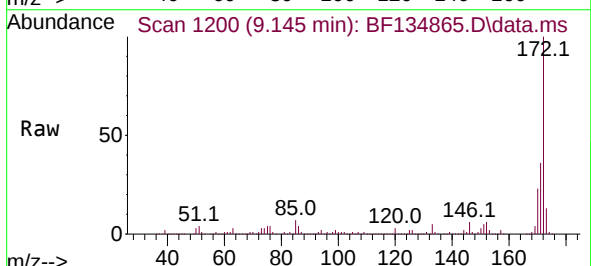
Tgt Ion:172 Resp: 1044984

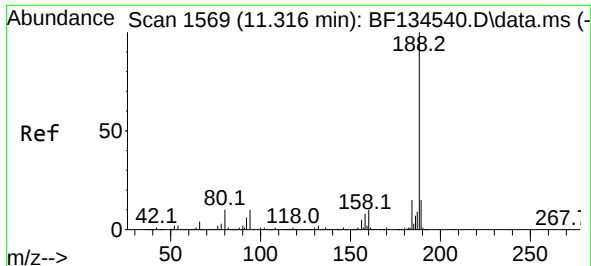
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.4 18.7 28.1

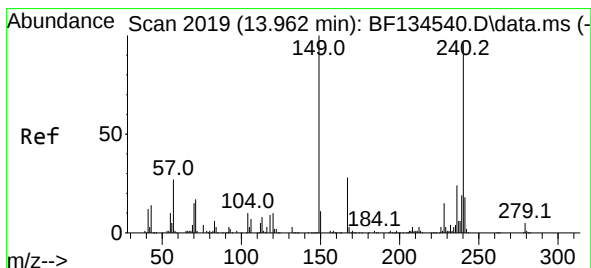
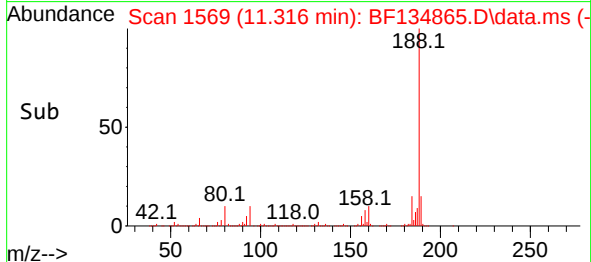
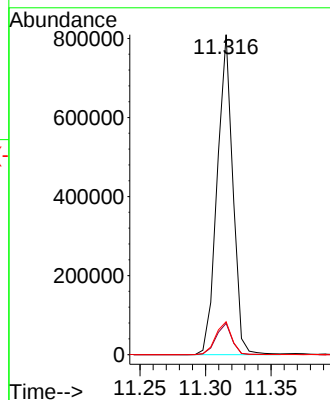
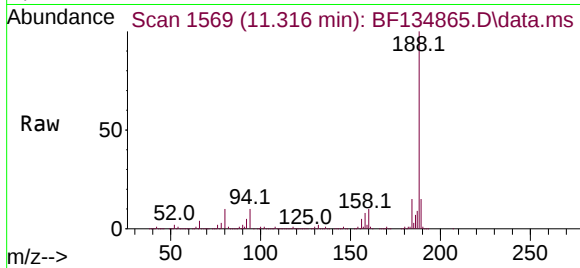




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

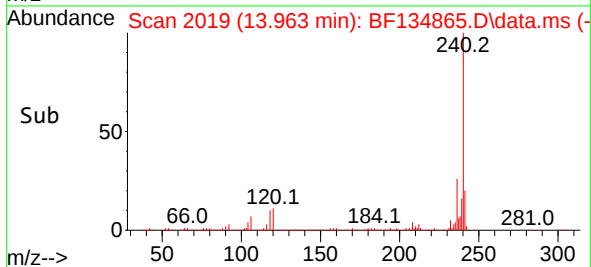
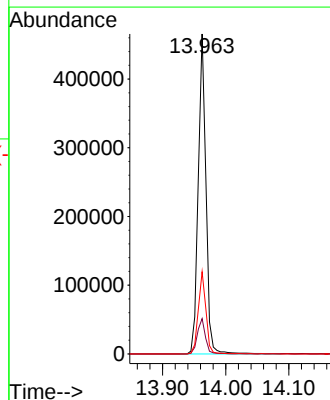
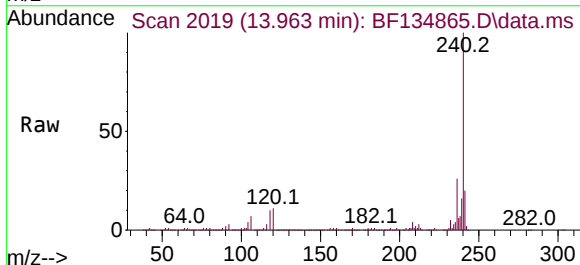
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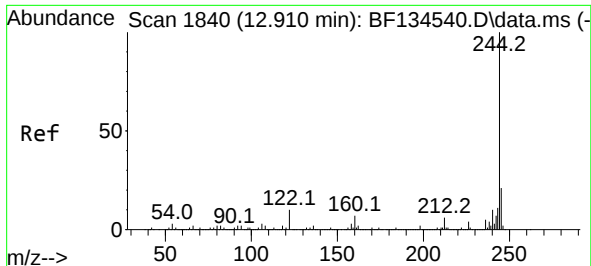
Tgt Ion:188 Resp: 674237
Ion Ratio Lower Upper
188 100
94 9.8 5.1 7.7#
80 10.3 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

Tgt Ion:240 Resp: 397368
Ion Ratio Lower Upper
240 100
120 11.0 6.6 10.0#
236 25.7 20.2 30.2

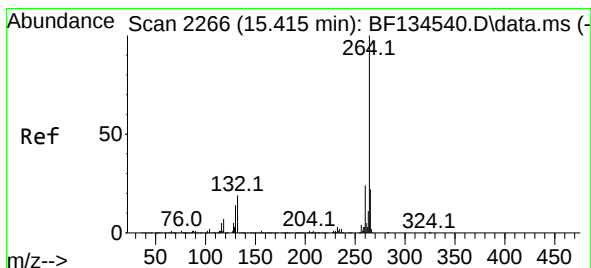
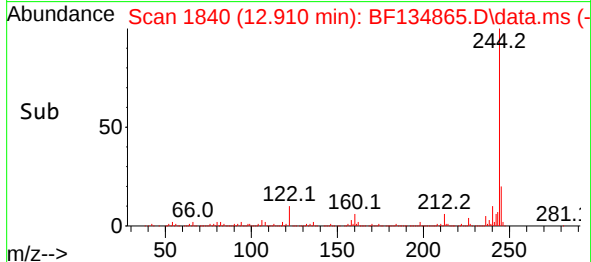
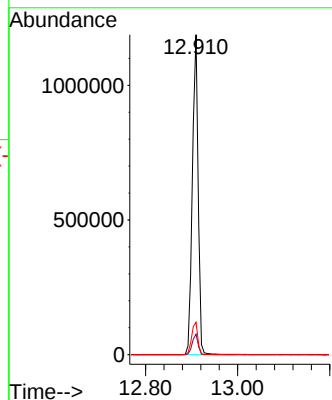
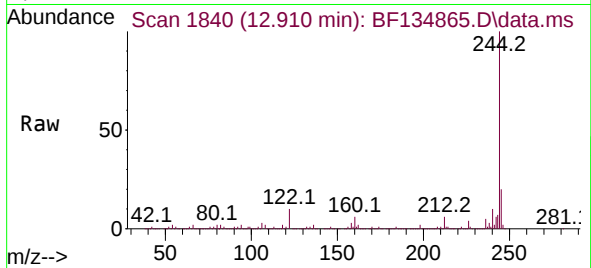




#79
 Terphenyl-d14
 Concen: 45.779 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134865.D
 Acq: 21 Aug 2023 13:45

Instrument :
 BNA_F
 ClientSampleId :
 B-PP13B

Tgt Ion:244 Resp: 1031916
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134865.D
 Acq: 21 Aug 2023 13:45

Tgt Ion:264 Resp: 395810
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 22.1 15.8 23.8

