

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134927.D
 Acq On : 24 Aug 2023 16:45
 Operator : CG\JU
 Sample : 04116-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Aug 25 01:20:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	104777	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	375612	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	163550	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	306216	20.000	ng	0.00
76) Chrysene-d12	13.980	240	263647	20.000	ng	0.00
86) Perylene-d12	15.462	264	198804	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	460382	70.068	ng	0.00
7) Phenol-d6	6.434	99	554942	66.097	ng	0.00
23) Nitrobenzene-d5	7.351	82	335264	49.184	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	138477	71.891	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	549293	51.920	ng	0.00
79) Terphenyl-d14	12.921	244	579538	30.234	ng	0.00

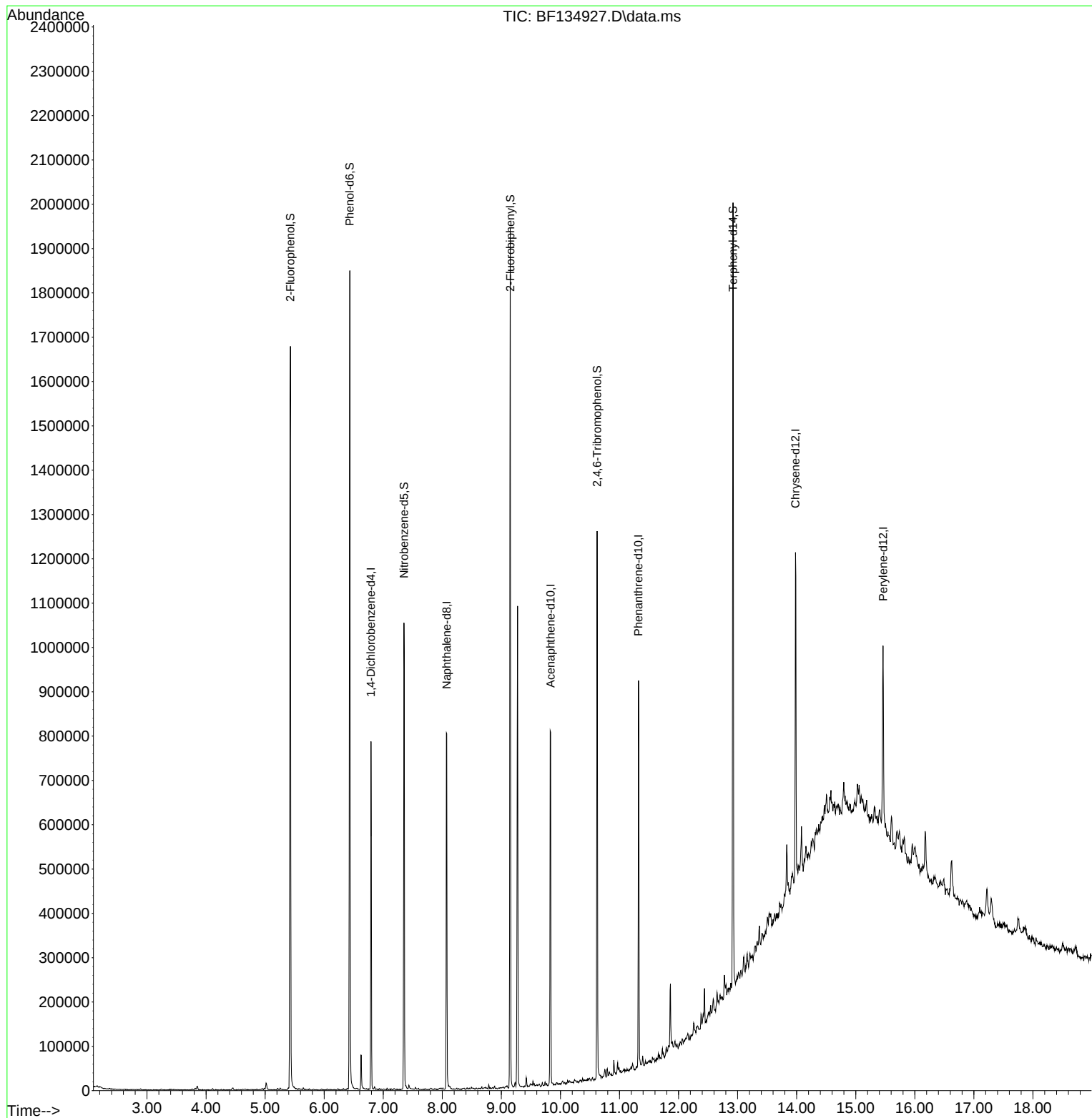
Target Compounds	Qvalue

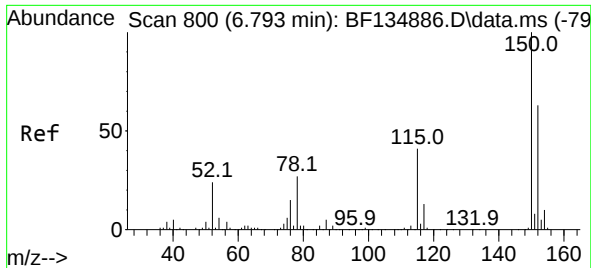
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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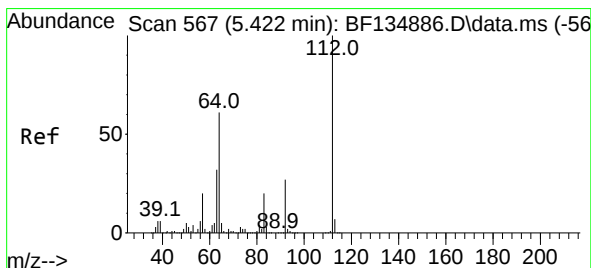
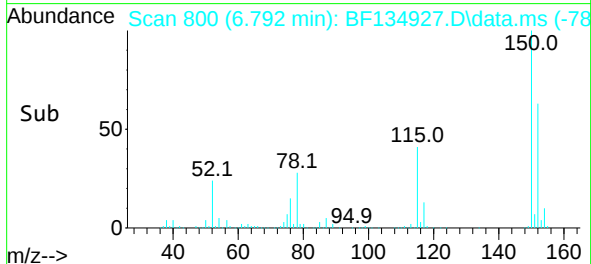
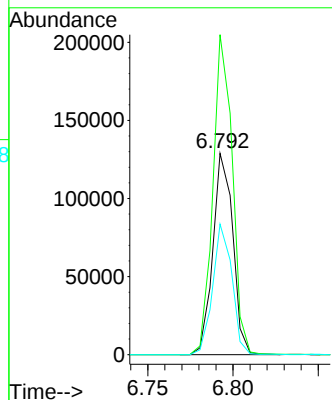
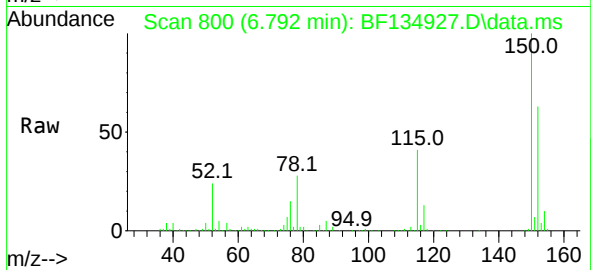




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. -0.001 min
 Lab File: BF134927.D
 Acq: 24 Aug 2023 16:45

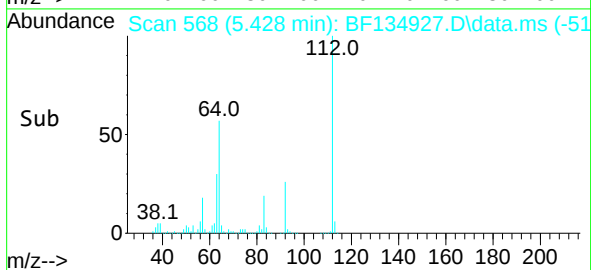
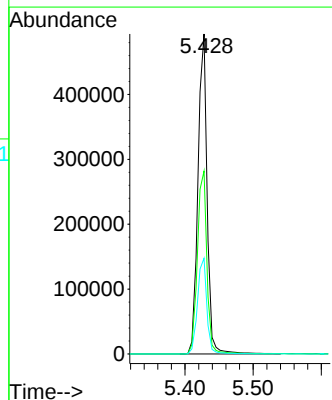
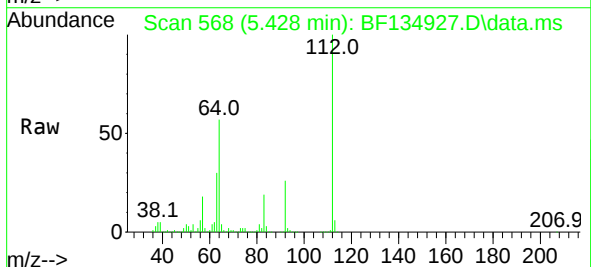
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:152 Resp: 104777
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.1 189.1
 115 64.8 51.1 76.7



#5
 2-Fluorophenol
 Concen: 70.068 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF134927.D
 Acq: 24 Aug 2023 16:45

Tgt Ion:112 Resp: 460382
 Ion Ratio Lower Upper
 112 100
 64 57.1 48.6 73.0
 63 29.9 25.7 38.5

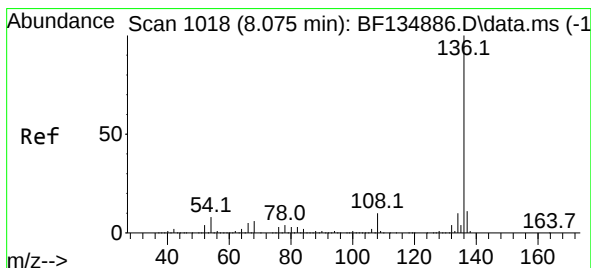
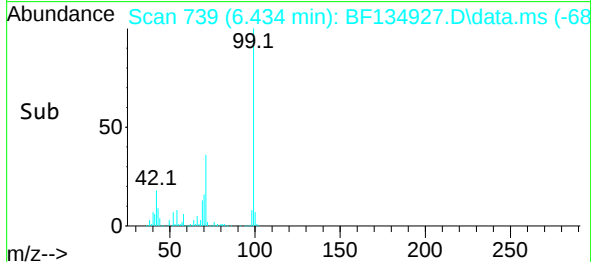
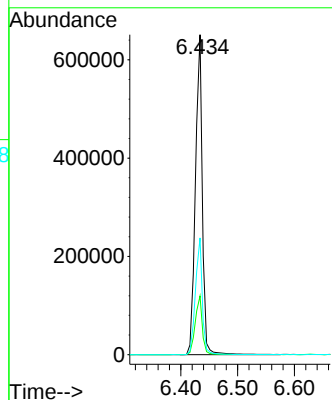
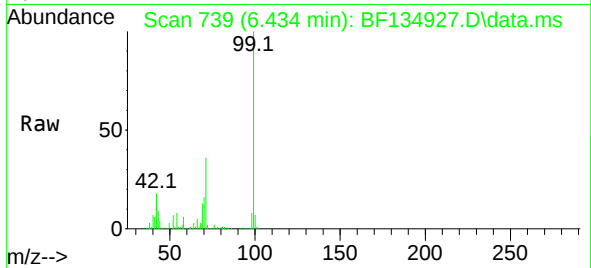




#7
Phenol-d6
Concen: 66.097 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134927.D
Acq: 24 Aug 2023 16:45

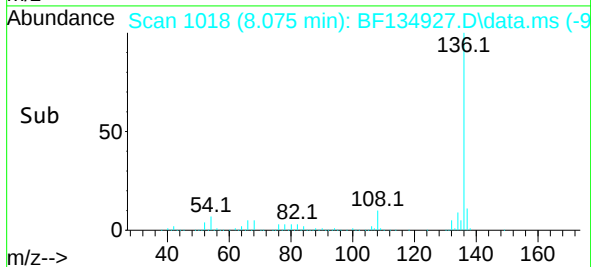
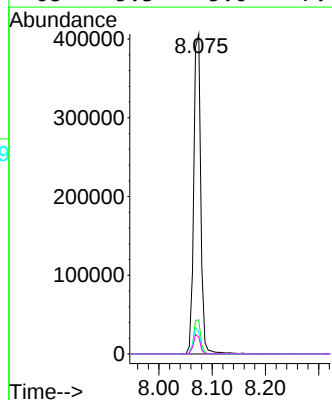
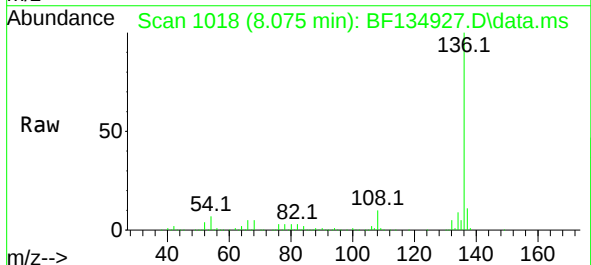
Instrument :
BNA_F
ClientSampleId :
TP-1

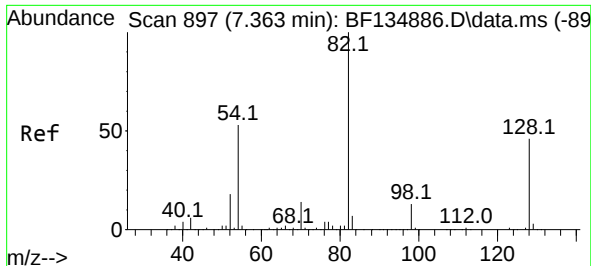
Tgt Ion: 99 Resp: 554942
Ion Ratio Lower Upper
99 100
42 18.3 14.6 22.0
71 36.5 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF134927.D
Acq: 24 Aug 2023 16:45

Tgt Ion: 136 Resp: 375612
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.0 6.6 9.8
68 5.3 5.0 7.4

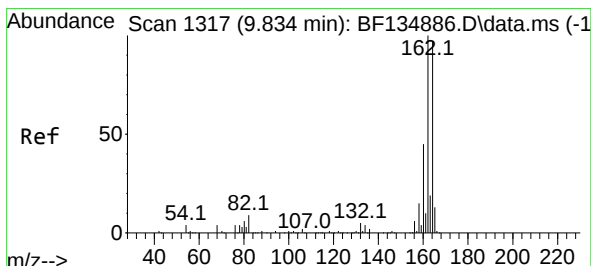
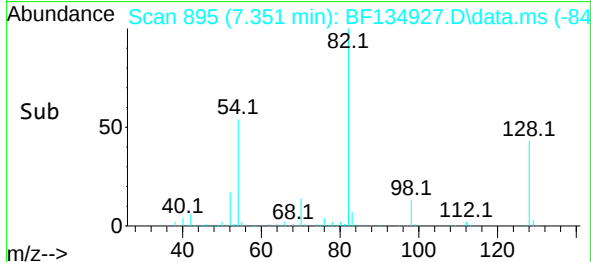
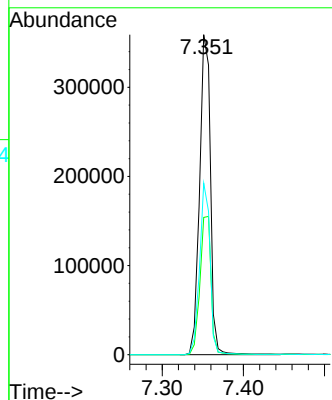
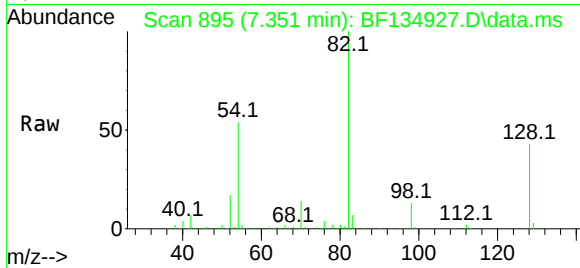




#23
 Nitrobenzene-d5
 Concen: 49.184 ng
 RT: 7.351 min Scan# 897
 Delta R.T. -0.012 min
 Lab File: BF134927.D
 Acq: 24 Aug 2023 16:45

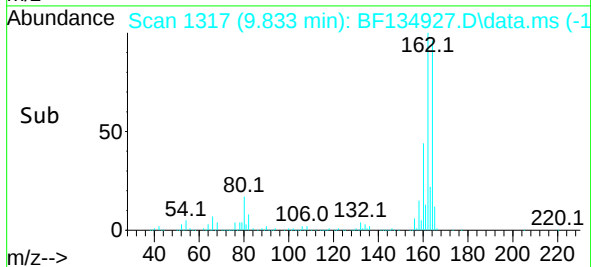
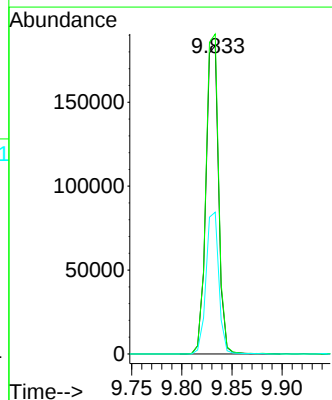
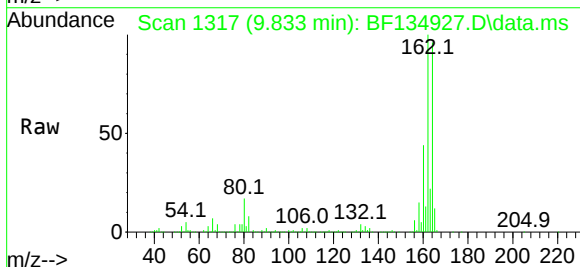
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

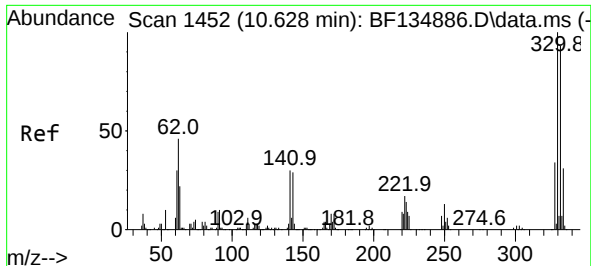
Tgt Ion: 82 Resp: 335264
 Ion Ratio Lower Upper
 82 100
 128 42.9 36.6 54.8
 54 53.6 42.6 63.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.833 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: BF134927.D
 Acq: 24 Aug 2023 16:45

Tgt Ion: 164 Resp: 163550
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 46.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 71.891 ng

RT: 10.622 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF134927.D

Acq: 24 Aug 2023 16:45

Instrument :

BNA_F

ClientSampleId :

TP-1

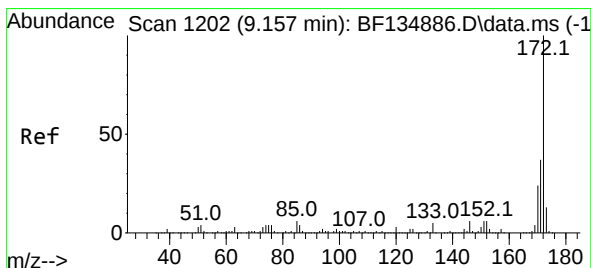
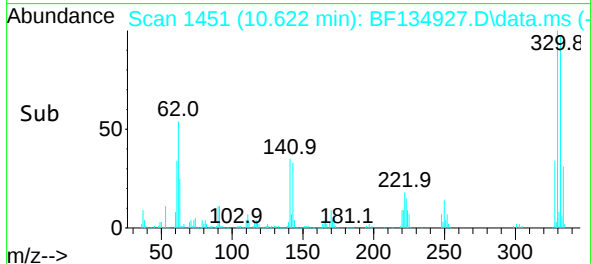
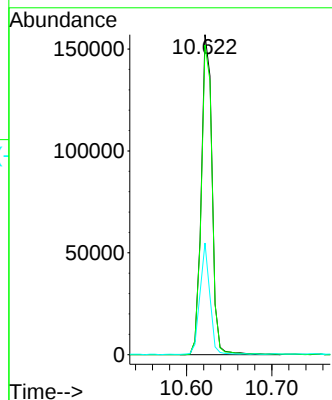
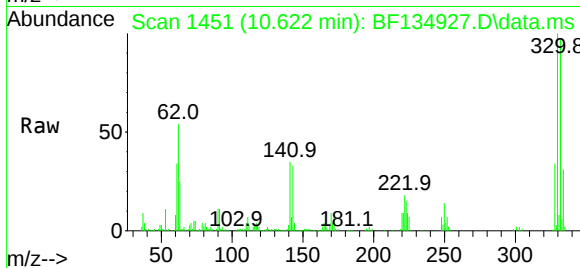
Tgt Ion:330 Resp: 138477

Ion Ratio Lower Upper

330 100

332 97.4 76.3 114.5

141 32.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 51.920 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134927.D

Acq: 24 Aug 2023 16:45

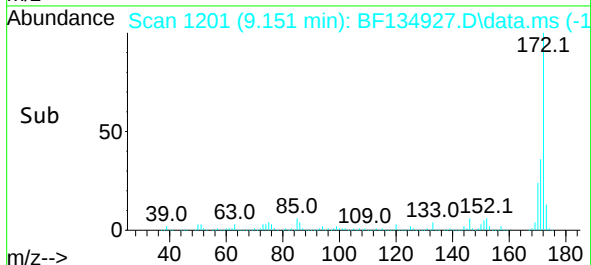
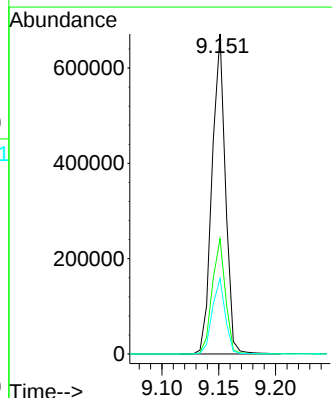
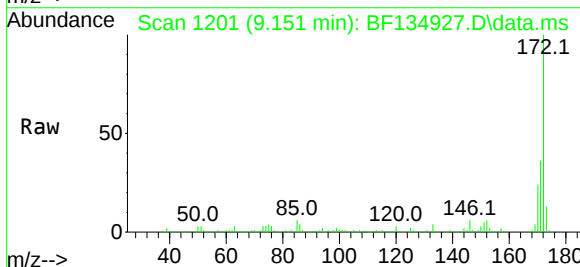
Tgt Ion:172 Resp: 549293

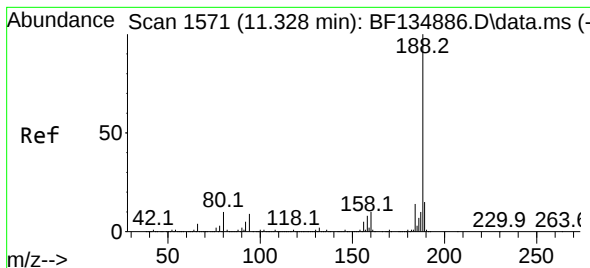
Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 23.6 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134927.D

Acq: 24 Aug 2023 16:45

Instrument :

BNA_F

ClientSampleId :

TP-1

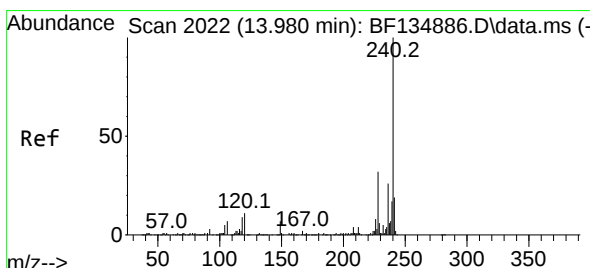
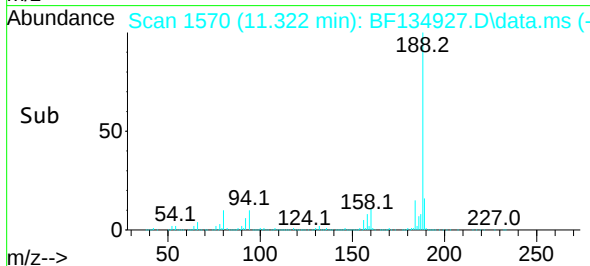
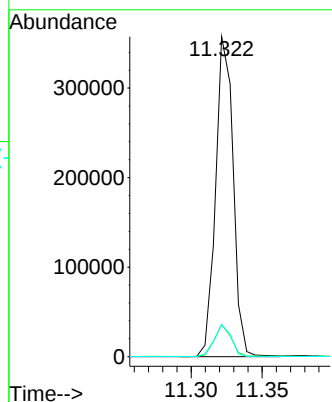
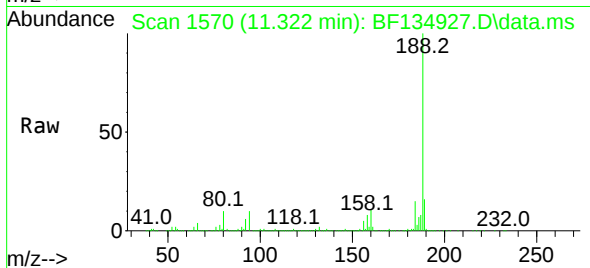
Tgt Ion:188 Resp: 306216

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

80 10.1 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF134927.D

Acq: 24 Aug 2023 16:45

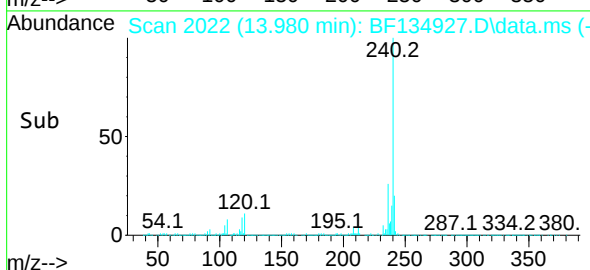
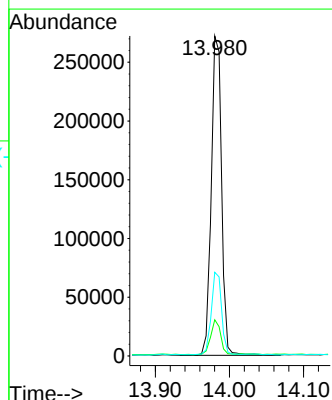
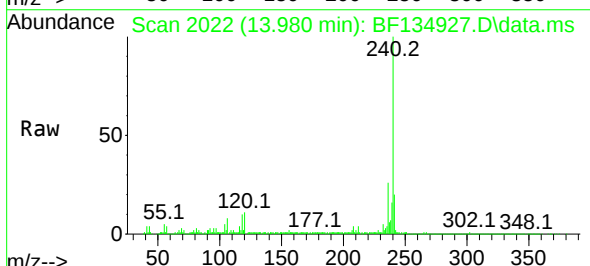
Tgt Ion:240 Resp: 263647

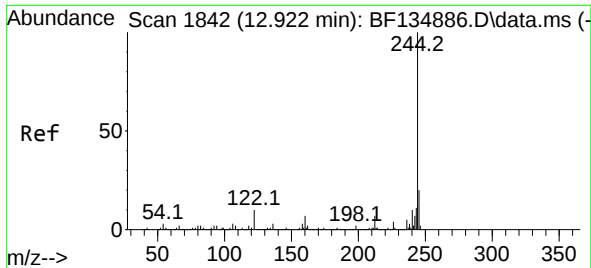
Ion Ratio Lower Upper

240 100

120 11.3 8.6 12.8

236 26.1 20.6 31.0

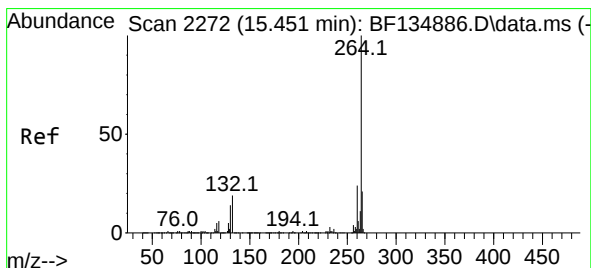
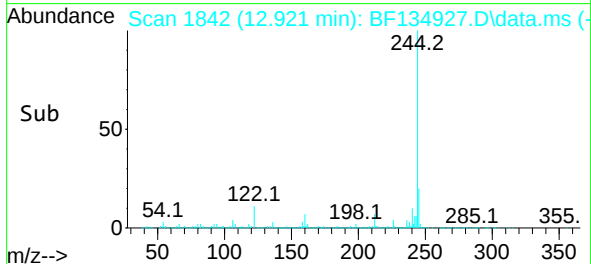
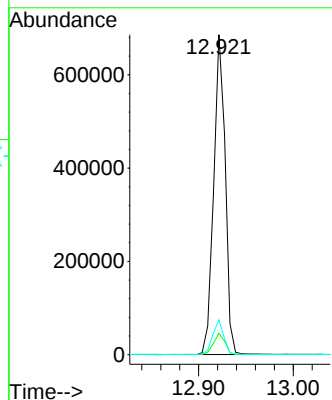
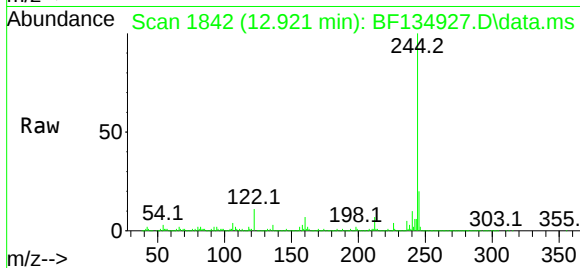




#79
 Terphenyl-d14
 Concen: 30.234 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.001 min
 Lab File: BF134927.D
 Acq: 24 Aug 2023 16:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 579538
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.9 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. 0.012 min
 Lab File: BF134927.D
 Acq: 24 Aug 2023 16:45

Tgt Ion:264 Resp: 198804
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 23.4 17.1 25.7

