

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134861.D
 Acq On : 21 Aug 2023 11:24
 Operator : CG\JU
 Sample : PB154909BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154909BL

Quant Time: Aug 21 11:57:07 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	213360	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	898630	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	472179	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	856424	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	419166	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	462087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1354844	96.527	ng	0.01
7) Phenol-d6	6.434	99	1749423	97.503	ng	0.00
23) Nitrobenzene-d5	7.357	82	1115129	77.549	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	559243	116.184	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1982233	69.801	ng	-0.01
79) Terphenyl-d14	12.916	244	2090522	87.920	ng	0.00

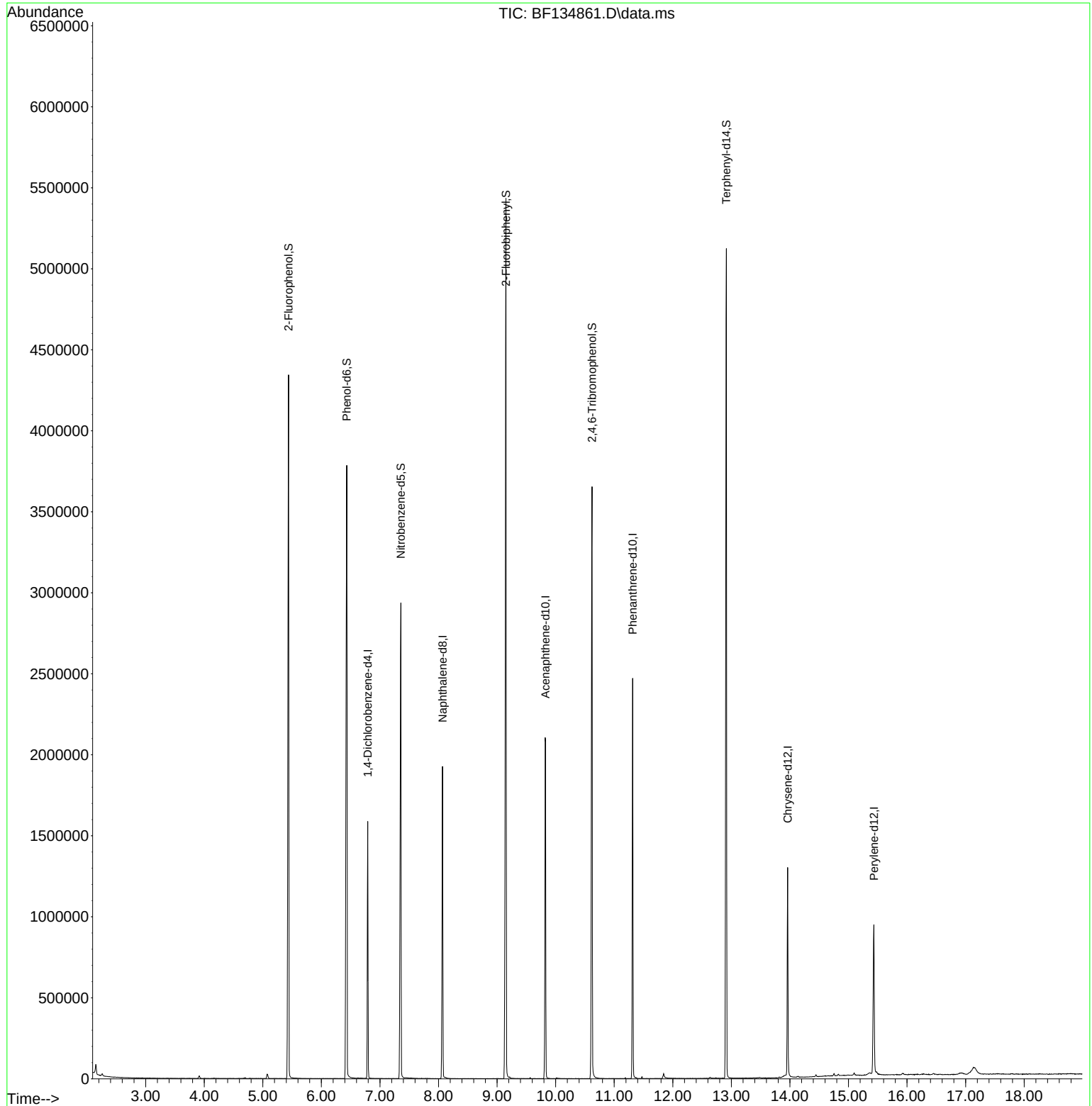
Target Compounds	Qvalue

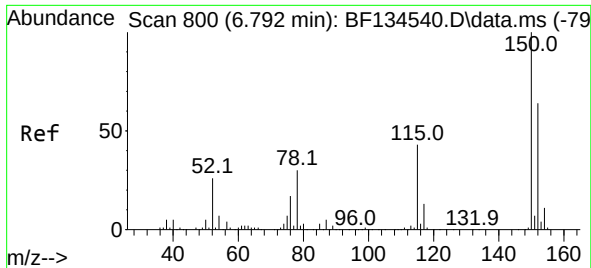
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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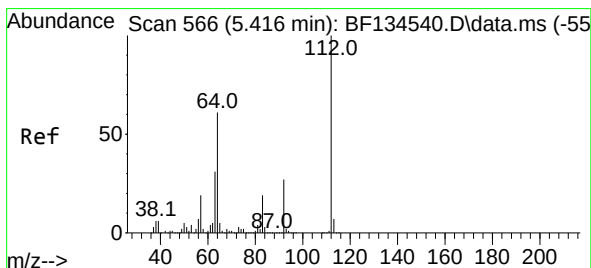
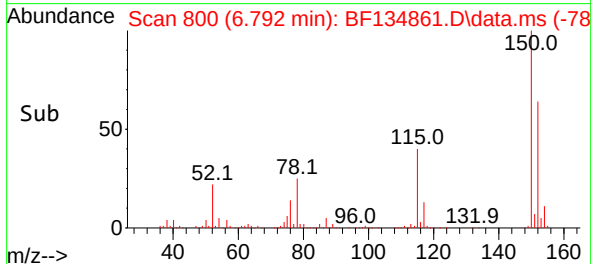
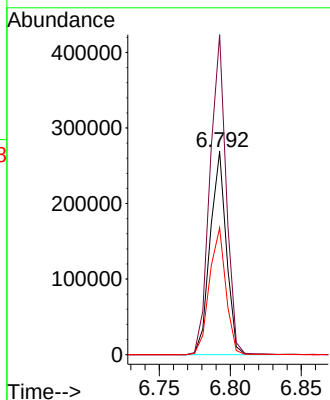
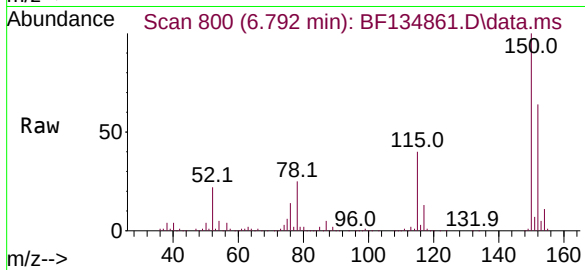




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

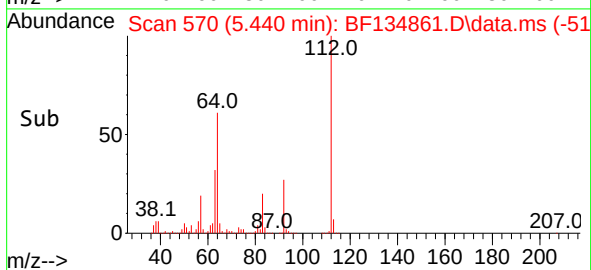
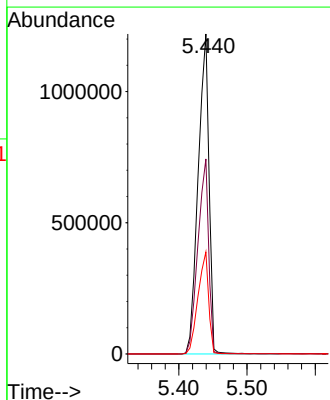
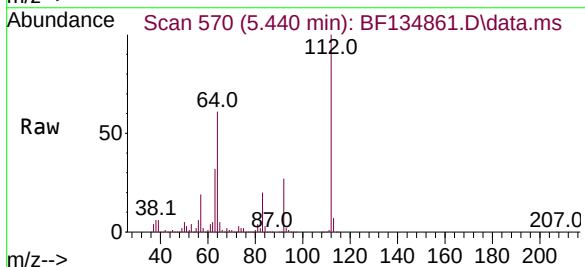
Instrument :
BNA_F
ClientSampleId :
PB154909BL

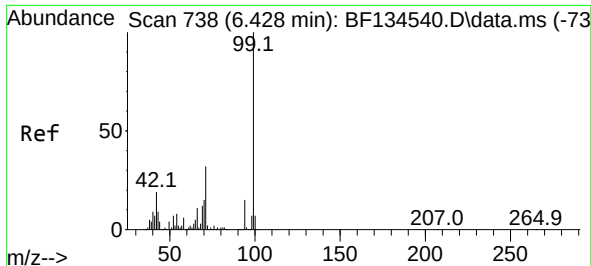
Tgt Ion:152 Resp: 213360
Ion Ratio Lower Upper
152 100
150 157.4 128.3 192.5
115 62.3 52.4 78.6



#5
2-Fluorophenol
Concen: 96.527 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

Tgt Ion:112 Resp: 1354844
Ion Ratio Lower Upper
112 100
64 60.9 44.9 67.3
63 31.8 25.4 38.0

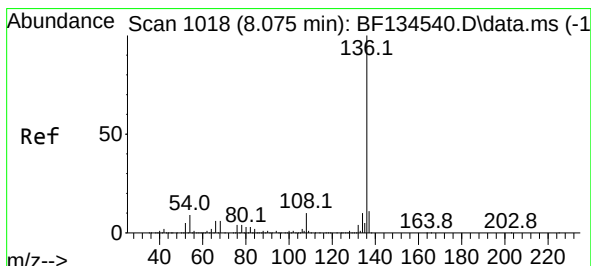
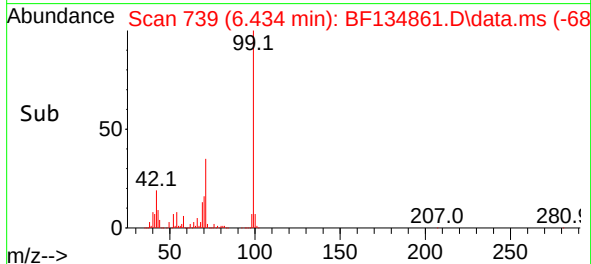
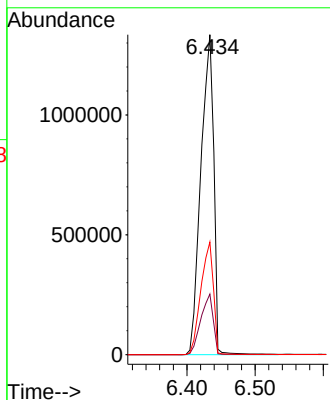
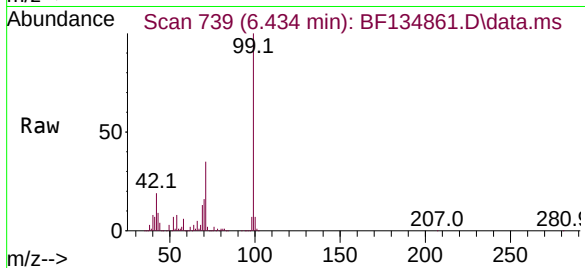




#7
Phenol-d6
Concen: 97.503 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

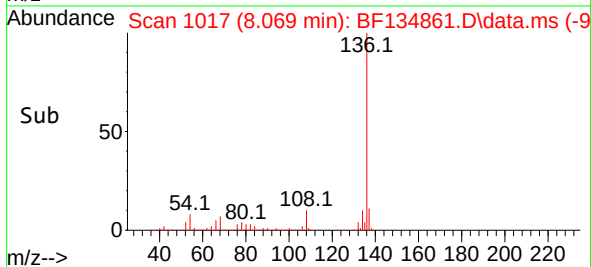
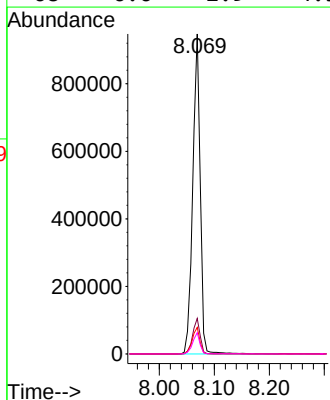
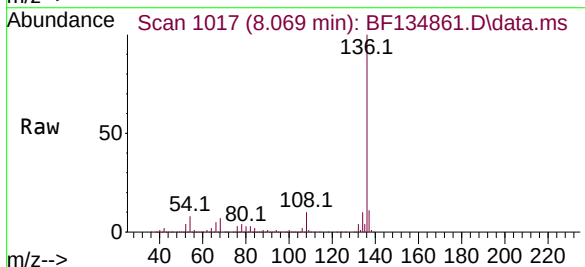
Instrument :
BNA_F
ClientSampleId :
PB154909BL

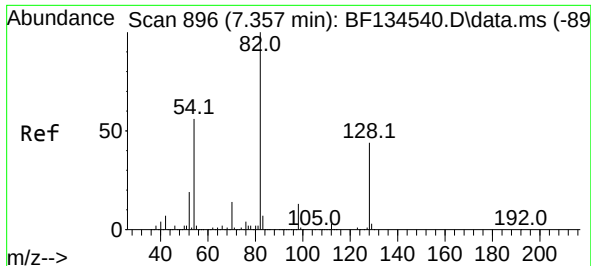
Tgt Ion: 99 Resp: 1749423
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 35.2 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

Tgt Ion: 136 Resp: 898630
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.3 5.2 7.8#
68 6.6 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 77.549 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134861.D

Acq: 21 Aug 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB154909BL

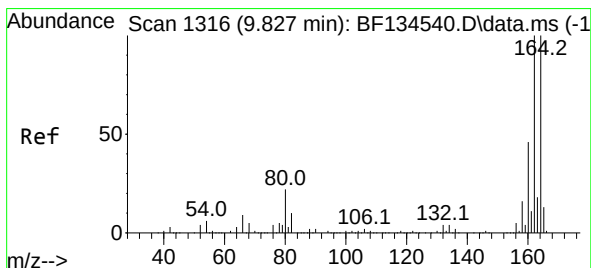
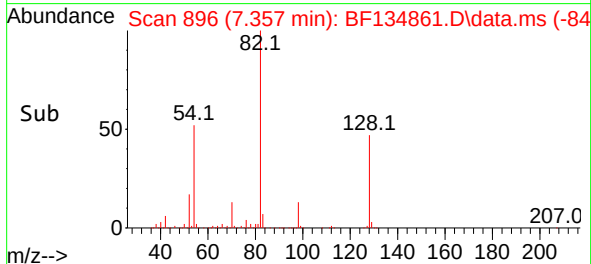
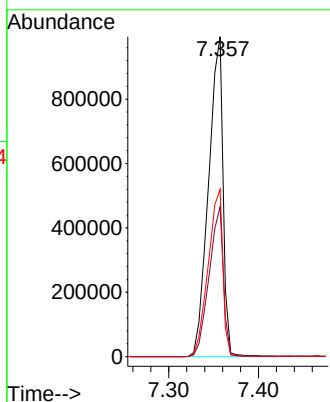
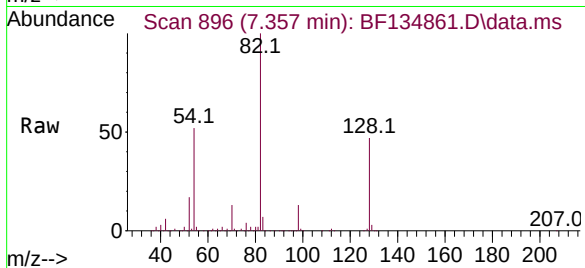
Tgt Ion: 82 Resp: 1115129

Ion Ratio Lower Upper

82 100

128 46.8 34.3 51.5

54 52.3 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134861.D

Acq: 21 Aug 2023 11:24

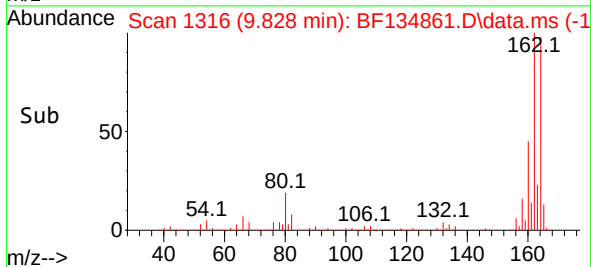
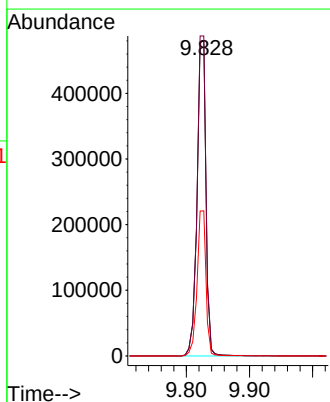
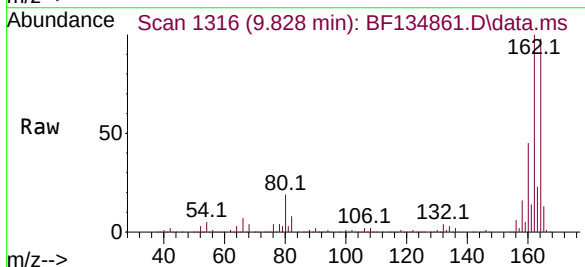
Tgt Ion:164 Resp: 472179

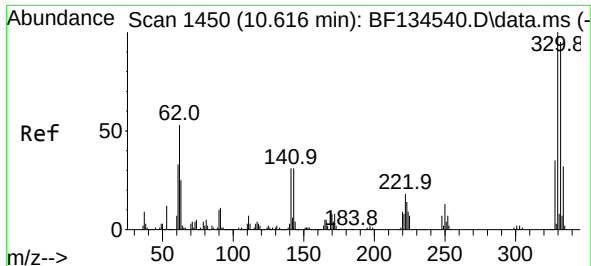
Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

160 46.0 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 116.184 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF134861.D

Acq: 21 Aug 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB154909BL

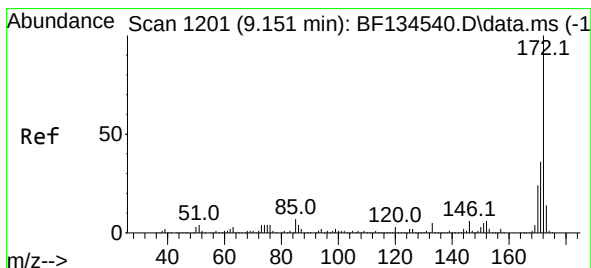
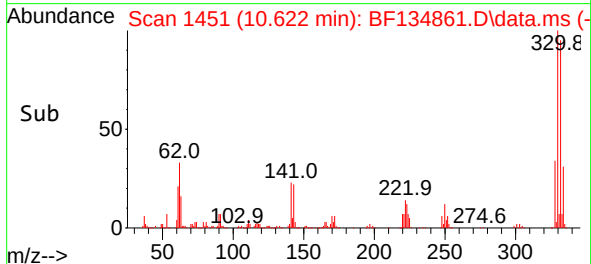
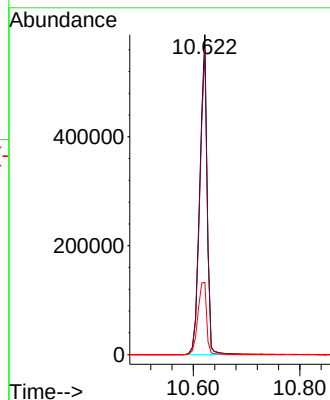
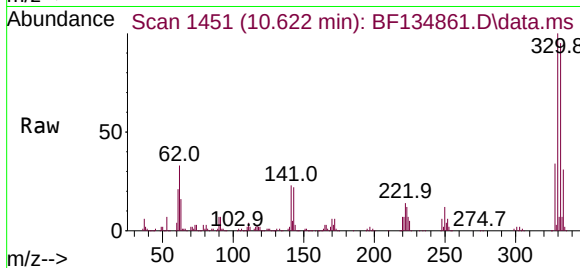
Tgt Ion:330 Resp: 559243

Ion Ratio Lower Upper

330 100

332 95.6 78.8 118.2

141 26.7 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 69.801 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134861.D

Acq: 21 Aug 2023 11:24

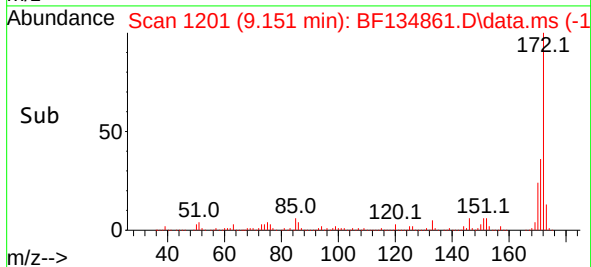
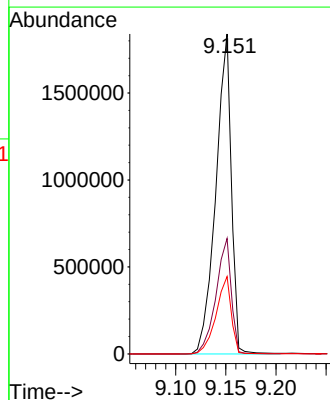
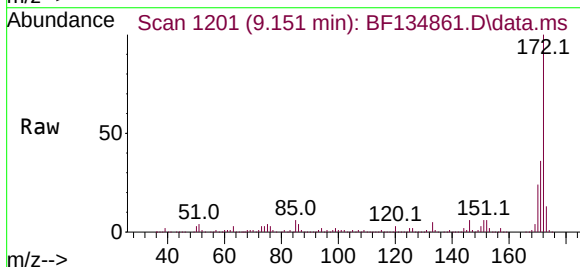
Tgt Ion:172 Resp: 1982233

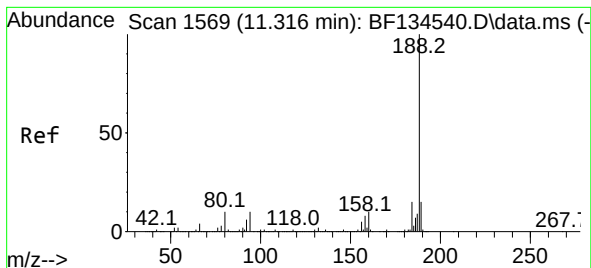
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF134861.D

Acq: 21 Aug 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB154909BL

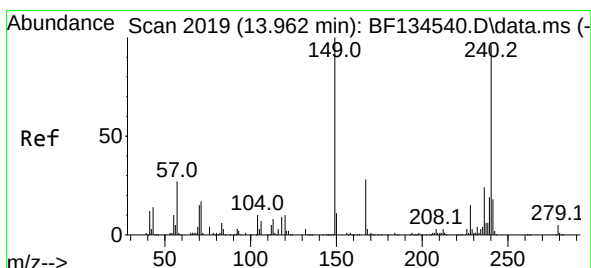
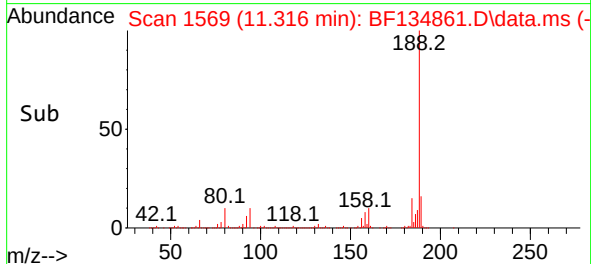
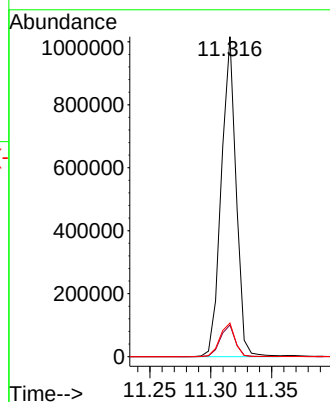
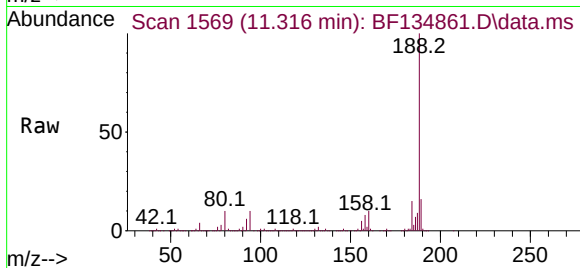
Tgt Ion:188 Resp: 856424

Ion Ratio Lower Upper

188 100

94 9.9 5.1 7.7#

80 10.5 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: BF134861.D

Acq: 21 Aug 2023 11:24

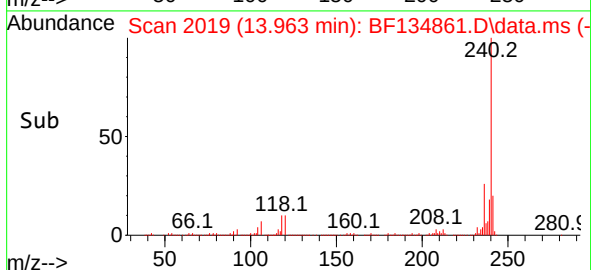
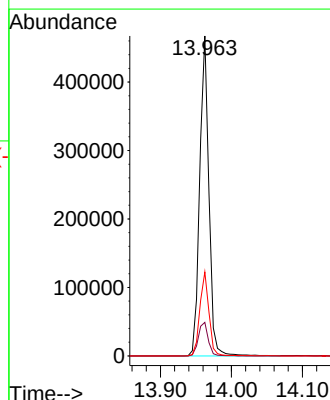
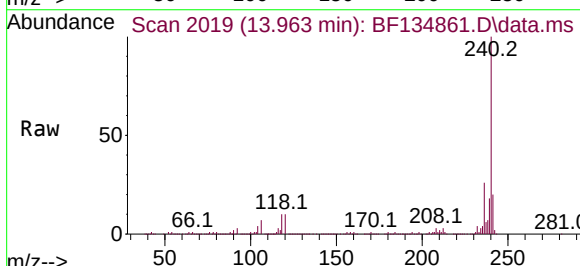
Tgt Ion:240 Resp: 419166

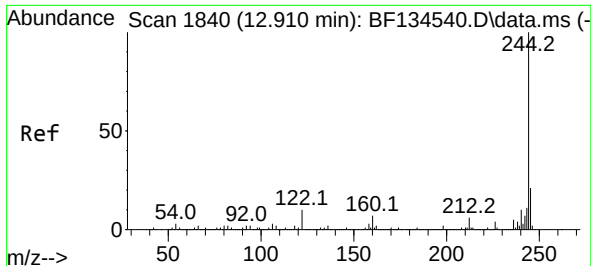
Ion Ratio Lower Upper

240 100

120 10.5 6.6 10.0#

236 26.2 20.2 30.2

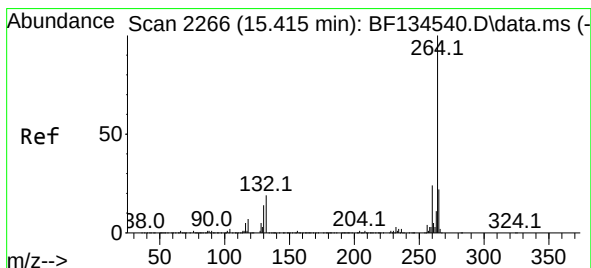
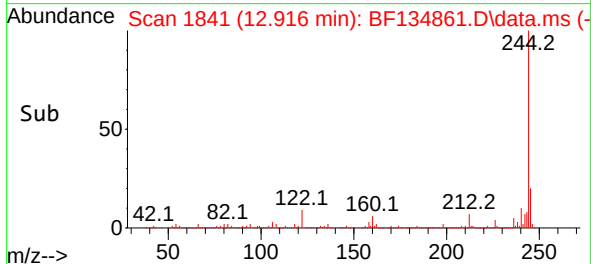
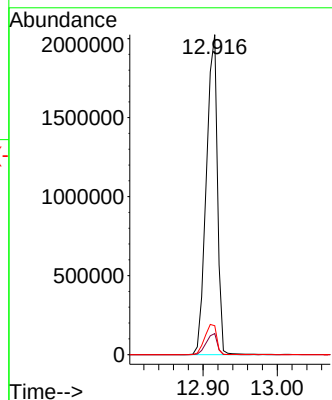
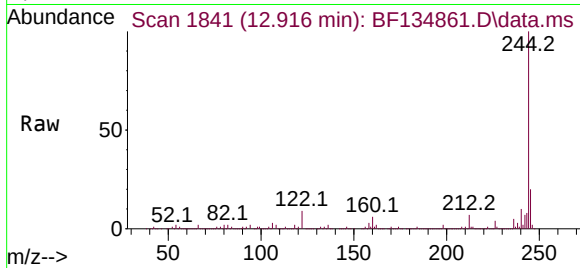




#79
 Terphenyl-d14
 Concen: 87.920 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134861.D
 Acq: 21 Aug 2023 11:24

Instrument :
 BNA_F
 ClientSampleId :
 PB154909BL

Tgt Ion:244 Resp: 2090522
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.0 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: BF134861.D
 Acq: 21 Aug 2023 11:24

Tgt Ion:264 Resp: 462087
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.9 15.8 23.8

