

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
 Data File : BF134938.D
 Acq On : 25 Aug 2023 13:34
 Operator : CG\JU
 Sample : PB155049BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155049BL

Quant Time: Aug 25 13:53:19 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	6.787	152	121215	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	486212	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	259326	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	508881	20.000	ng	-0.01
76) Chrysene-d12	13.969	240	282063	20.000	ng	-0.01
86) Perylene-d12	15.445	264	263757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1006323	132.387	ng	0.01
7) Phenol-d6	6.428	99	1258674	129.585	ng	-0.01
23) Nitrobenzene-d5	7.351	82	804122	91.133	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	412939	135.203	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1481369	88.307	ng	0.00
79) Terphenyl-d14	12.922	244	1837452	89.598	ng	0.00

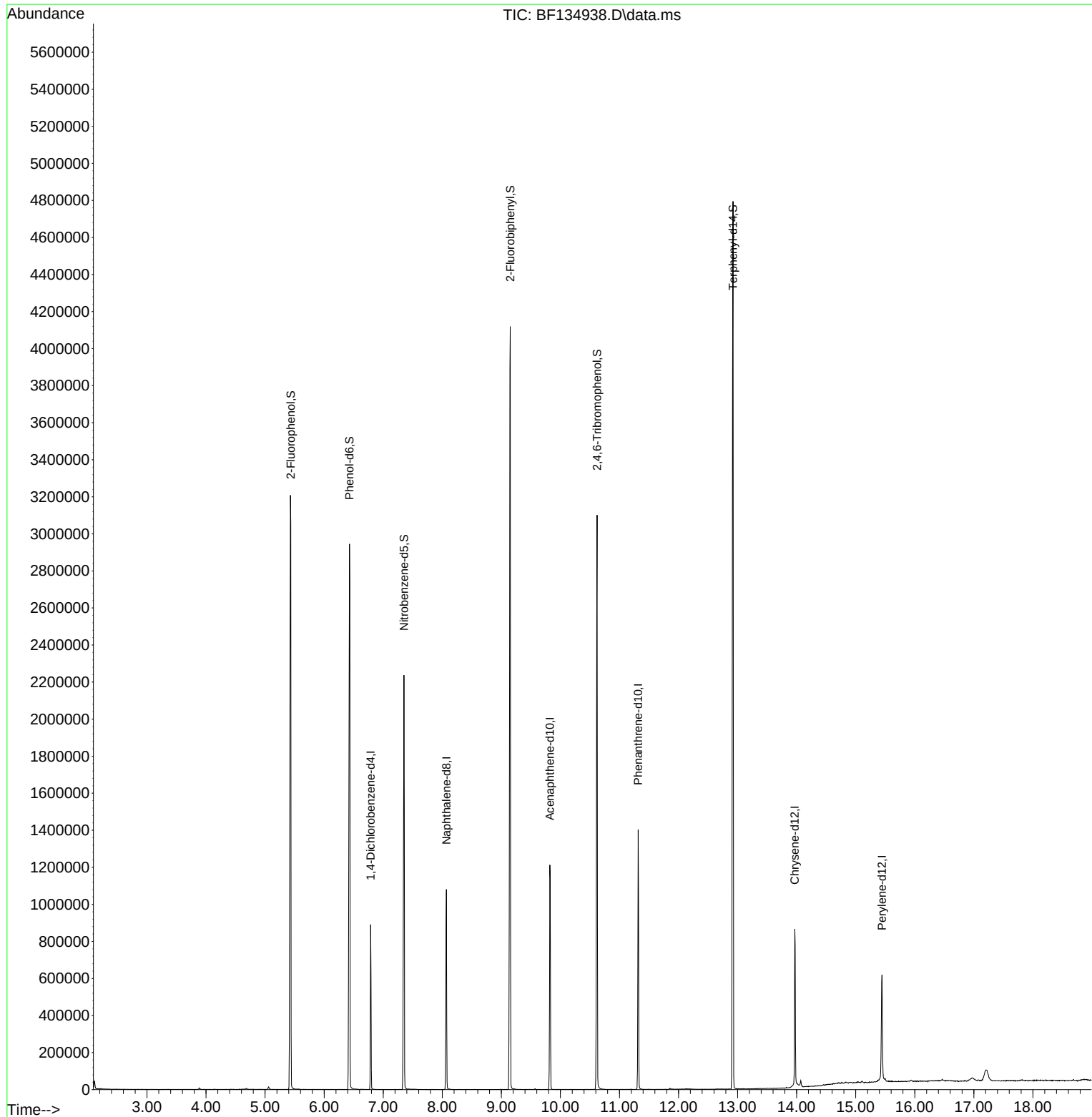
Target Compounds	Qvalue

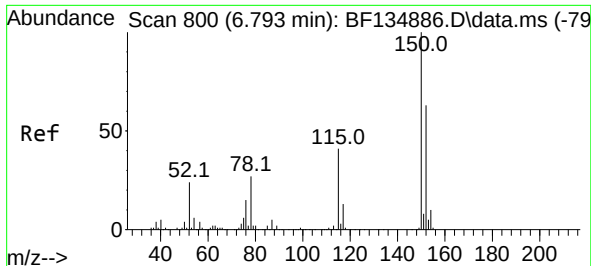
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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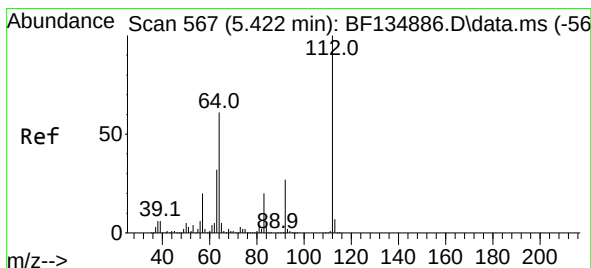
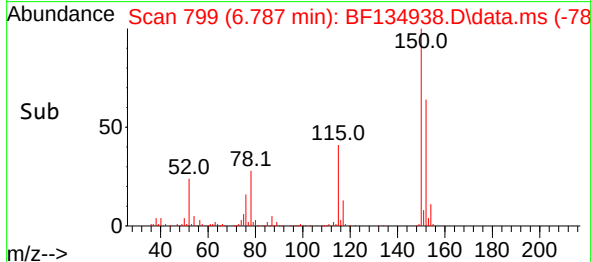
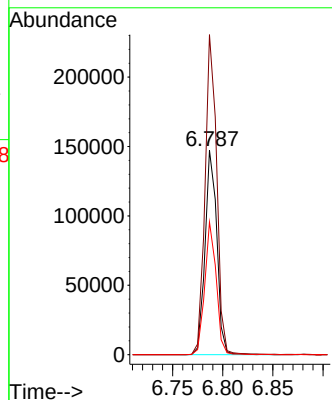
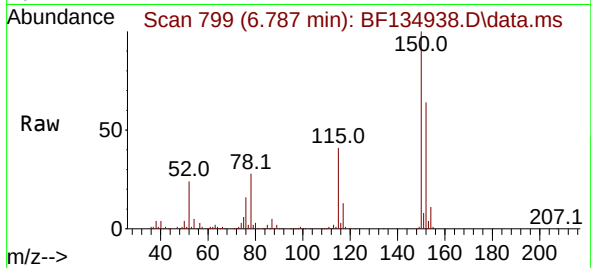




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF134938.D
 Acq: 25 Aug 2023 13:34

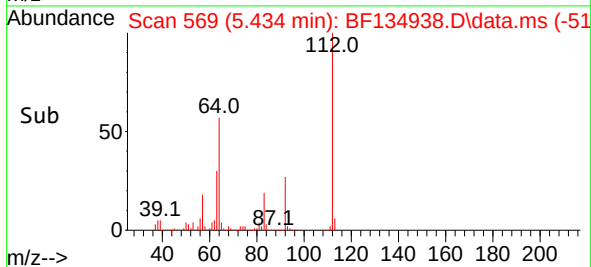
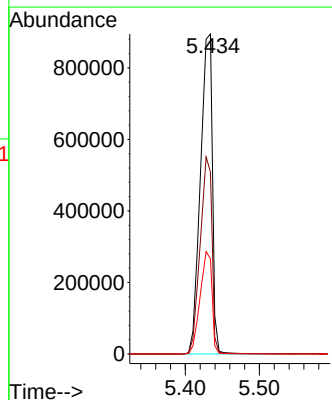
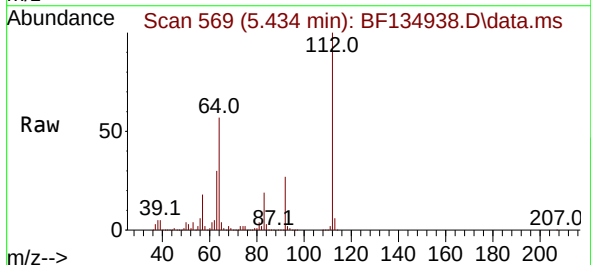
Instrument :
 BNA_F
 ClientSampleId :
 PB155049BL

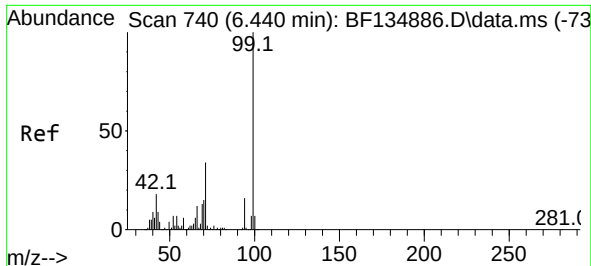
Tgt Ion:152 Resp: 121215
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.1 189.1
 115 64.9 51.1 76.7



#5
 2-Fluorophenol
 Concen: 132.387 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: BF134938.D
 Acq: 25 Aug 2023 13:34

Tgt Ion:112 Resp: 1006323
 Ion Ratio Lower Upper
 112 100
 64 56.8 48.6 73.0
 63 29.8 25.7 38.5

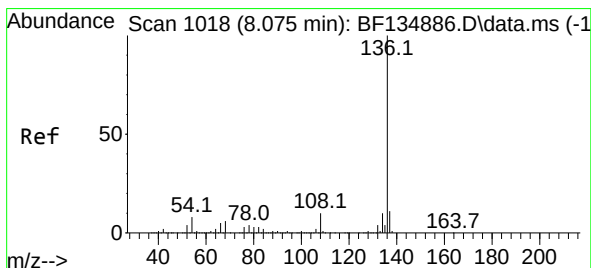
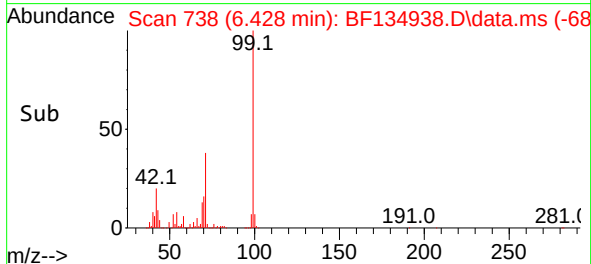
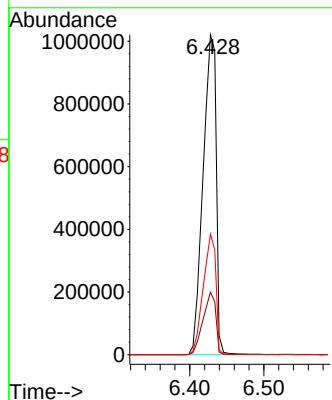
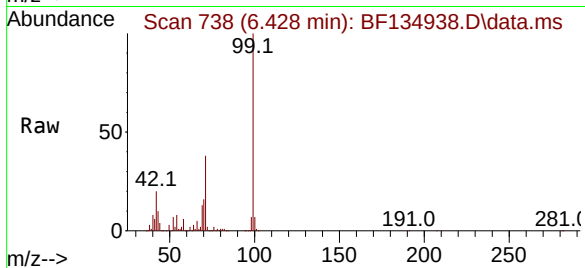




#7
Phenol-d6
Concen: 129.585 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134938.D
Acq: 25 Aug 2023 13:34

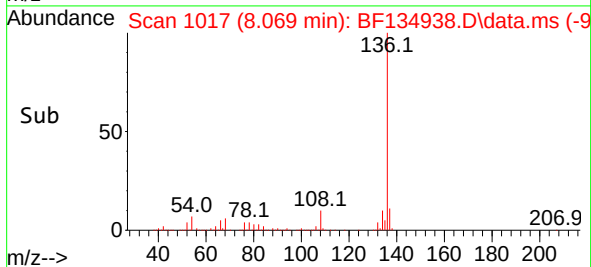
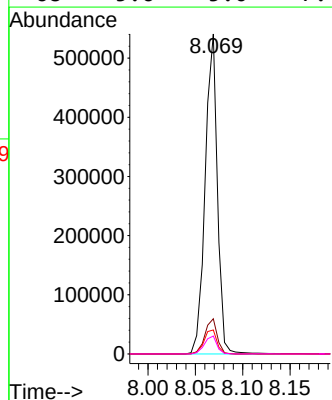
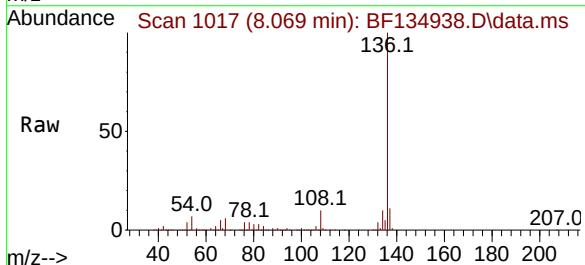
Instrument :
BNA_F
ClientSampleId :
PB155049BL

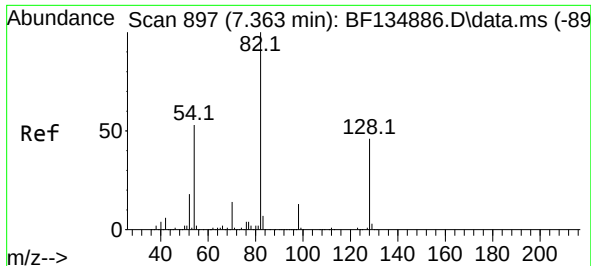
Tgt Ion: 99 Resp: 1258674
Ion Ratio Lower Upper
99 100
42 19.5 14.6 22.0
71 37.7 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134938.D
Acq: 25 Aug 2023 13:34

Tgt Ion:136 Resp: 486212
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.5 6.6 9.8
68 5.6 5.0 7.4

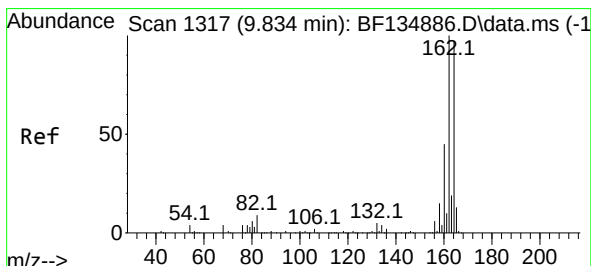
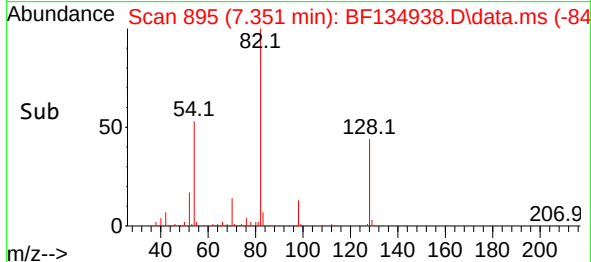
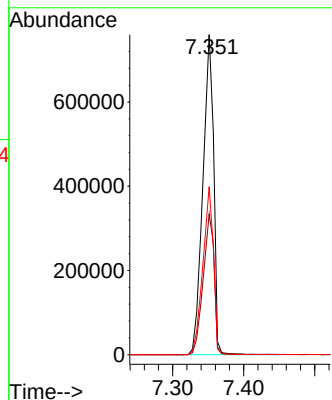
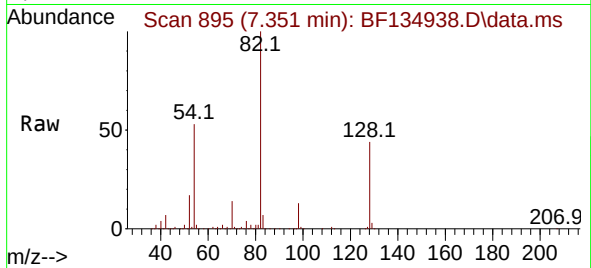




#23
Nitrobenzene-d5
Concen: 91.133 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF134938.D
Acq: 25 Aug 2023 13:34

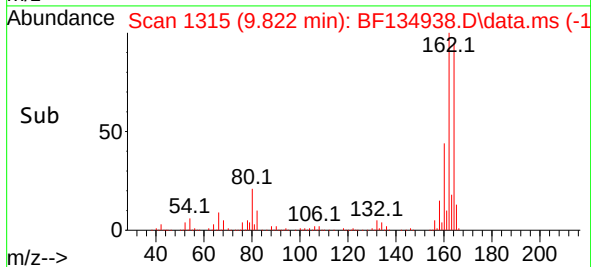
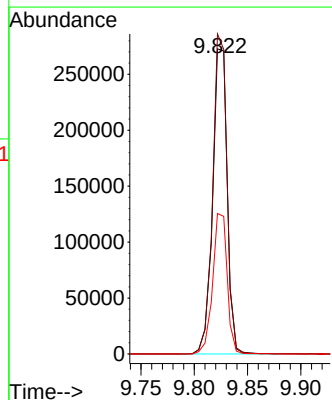
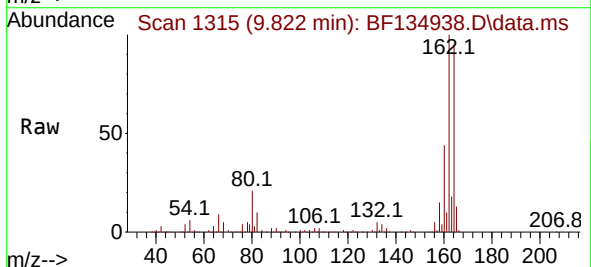
Instrument :
BNA_F
ClientSampleId :
PB155049BL

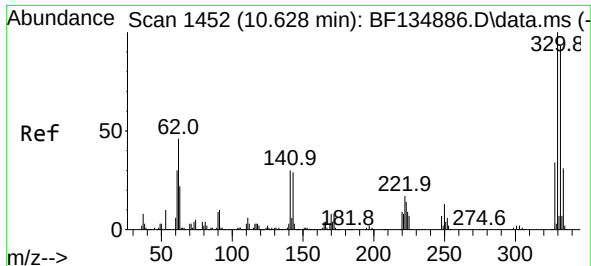
Tgt Ion: 82 Resp: 804122
Ion Ratio Lower Upper
82 100
128 44.0 36.6 54.8
54 52.5 42.6 63.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF134938.D
Acq: 25 Aug 2023 13:34

Tgt Ion:164 Resp: 259326
Ion Ratio Lower Upper
164 100
162 104.9 82.6 123.8
160 46.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 135.203 ng

RT: 10.622 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF134938.D

Acq: 25 Aug 2023 13:34

Instrument :

BNA_F

ClientSampleId :

PB155049BL

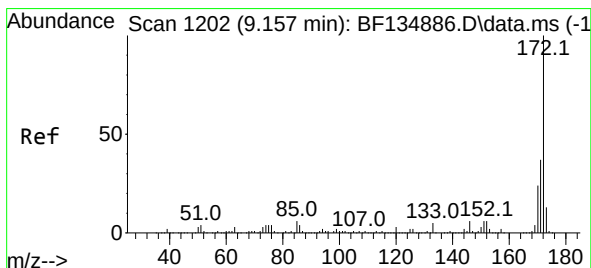
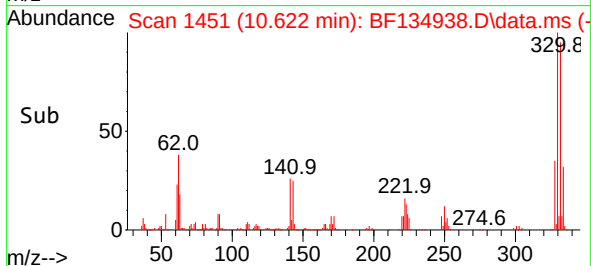
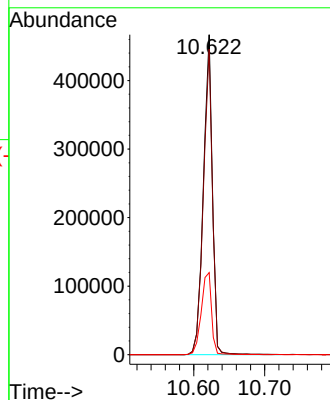
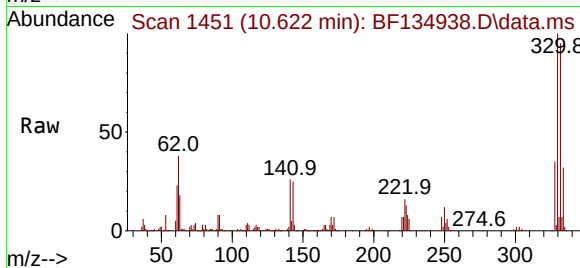
Tgt Ion:330 Resp: 412939

Ion Ratio Lower Upper

330 100

332 96.5 76.3 114.5

141 29.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 88.307 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134938.D

Acq: 25 Aug 2023 13:34

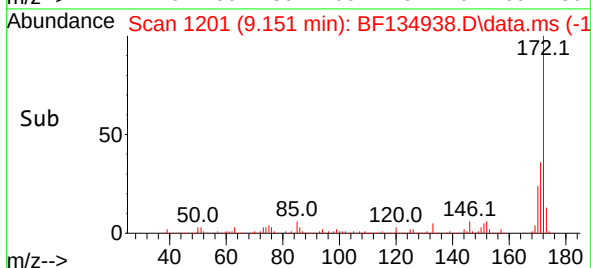
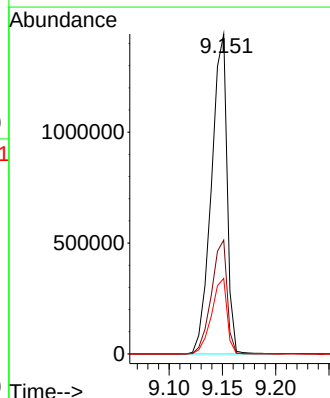
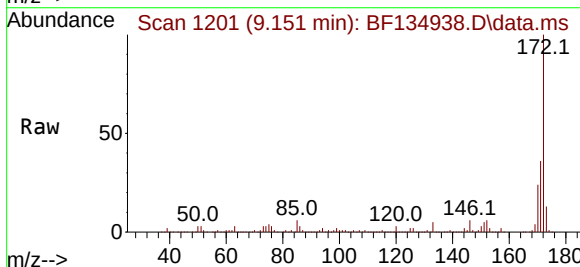
Tgt Ion:172 Resp: 1481369

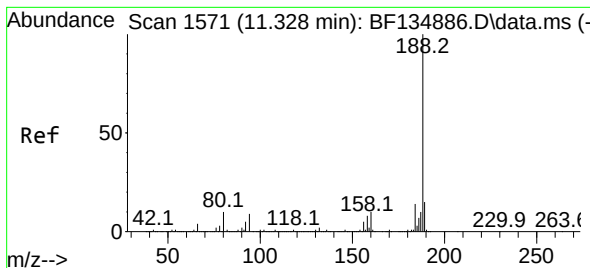
Ion Ratio Lower Upper

172 100

171 35.6 29.4 44.0

170 23.6 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134938.D

Acq: 25 Aug 2023 13:34

Instrument :

BNA_F

ClientSampleId :

PB155049BL

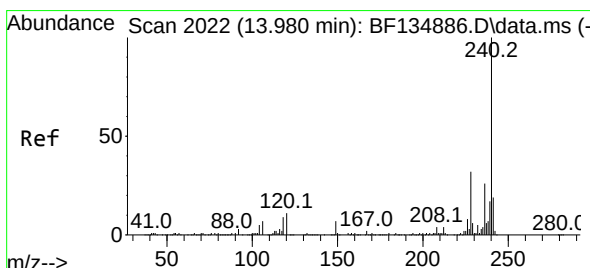
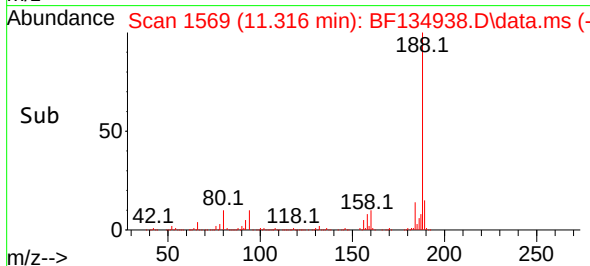
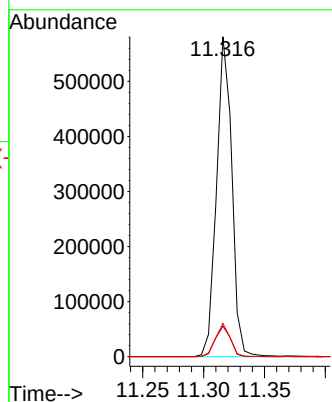
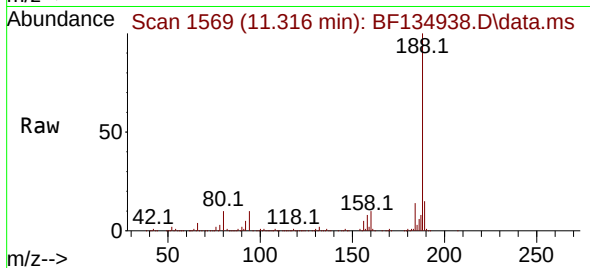
Tgt Ion:188 Resp: 508881

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.4 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF134938.D

Acq: 25 Aug 2023 13:34

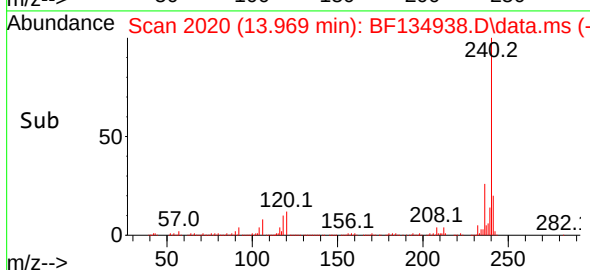
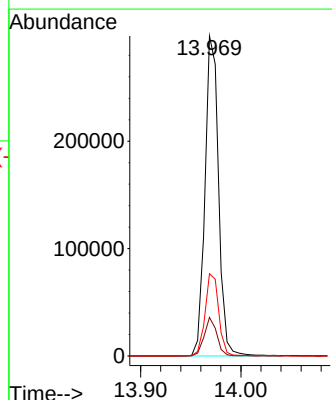
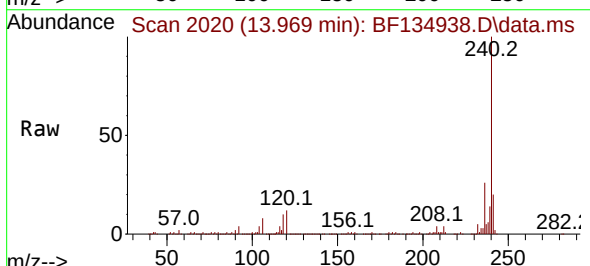
Tgt Ion:240 Resp: 282063

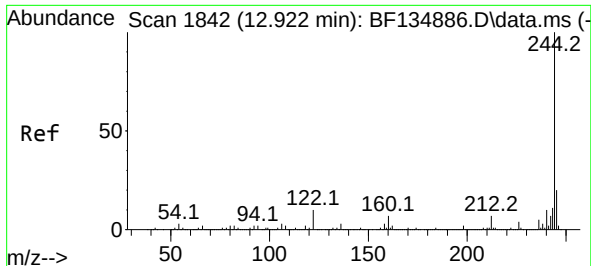
Ion Ratio Lower Upper

240 100

120 12.0 8.6 12.8

236 25.7 20.6 31.0

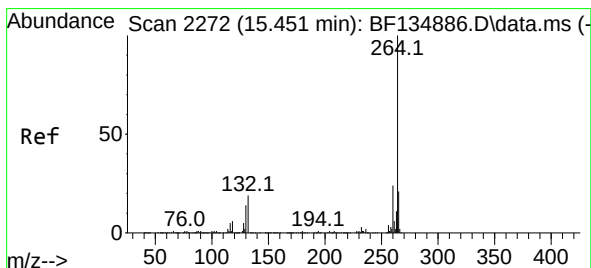
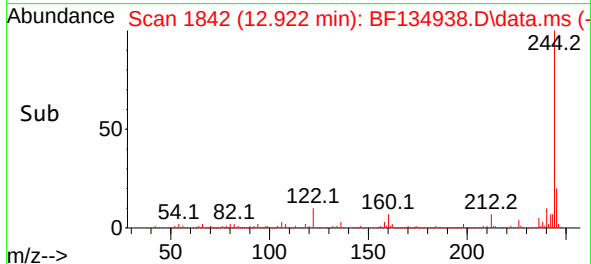
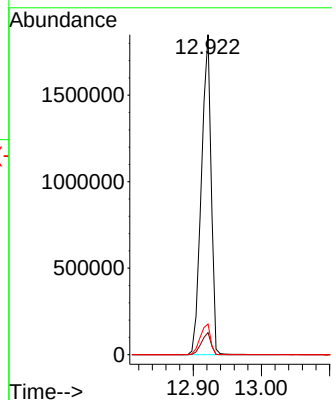
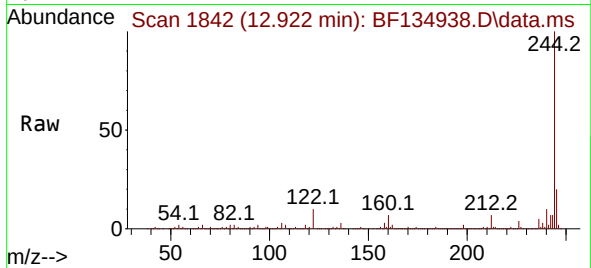




#79
 Terphenyl-d14
 Concen: 89.598 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF134938.D
 Acq: 25 Aug 2023 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PB155049BL

Tgt Ion:244 Resp: 1837452
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 9.6 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.006 min
 Lab File: BF134938.D
 Acq: 25 Aug 2023 13:34

Tgt Ion:264 Resp: 263757
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.4 17.1 25.7

