

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134918.D
 Acq On : 24 Aug 2023 11:57
 Operator : CG\JU
 Sample : 04091-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-F

Quant Time: Aug 25 01:17:20 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	6.793	152	217846	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	827144	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	416637	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	714450	20.000	ng	0.00
76) Chrysene-d12	13.980	240	485870	20.000	ng	0.00
86) Perylene-d12	15.457	264	541903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	471118	34.486	ng	0.00
7) Phenol-d6	6.428	99	597725	34.241	ng	-0.01
23) Nitrobenzene-d5	7.351	82	357644	23.826	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	159806	32.567	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	644708	23.921	ng	0.00
79) Terphenyl-d14	12.922	244	626654	17.739	ng	0.00

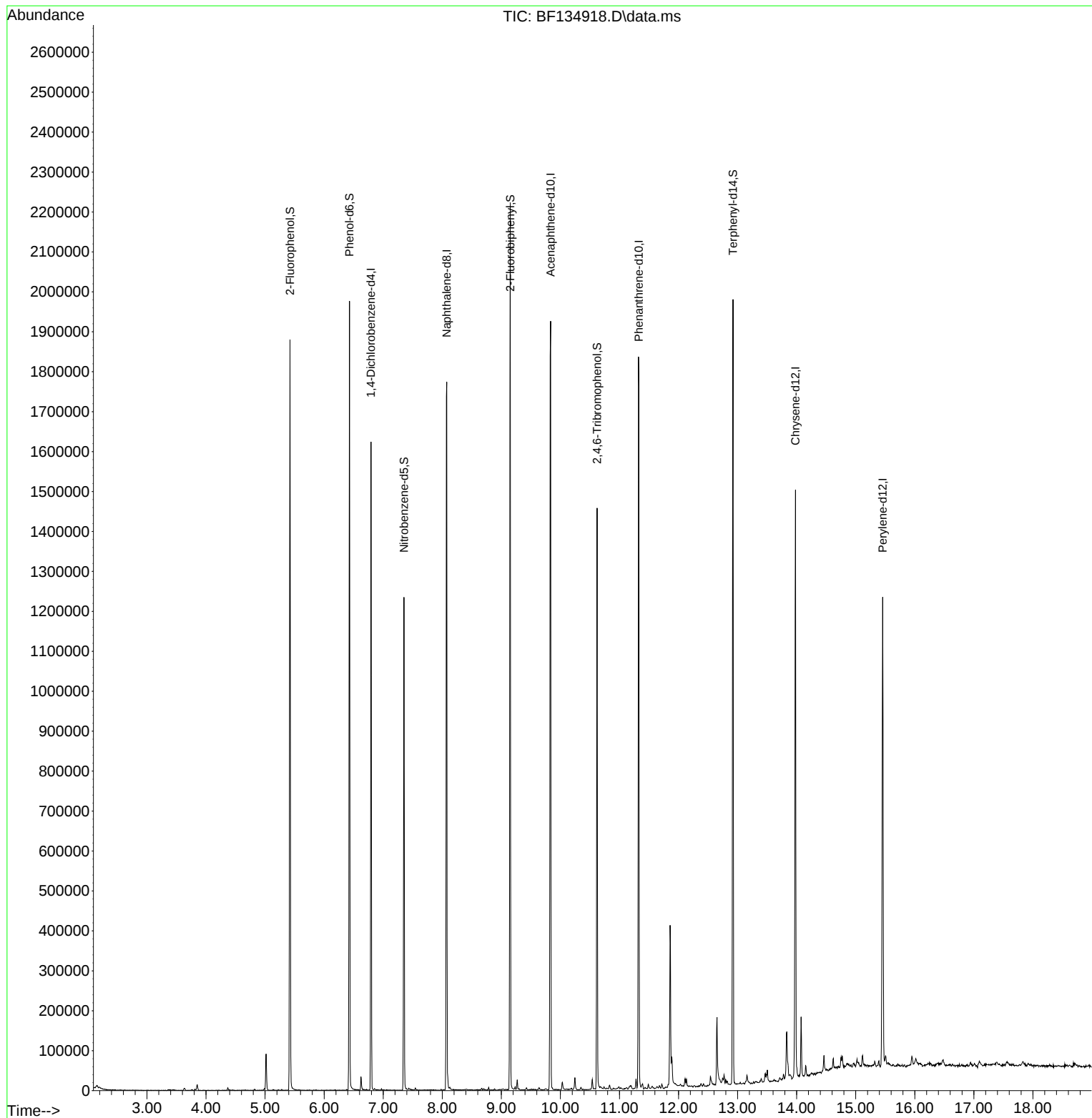
Target Compounds	Qvalue

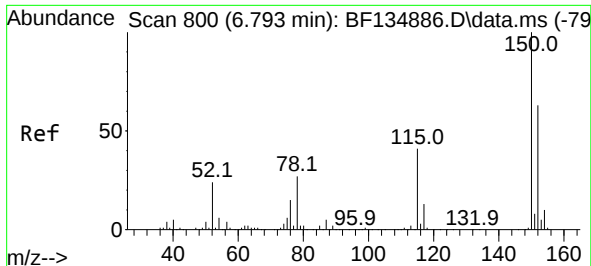
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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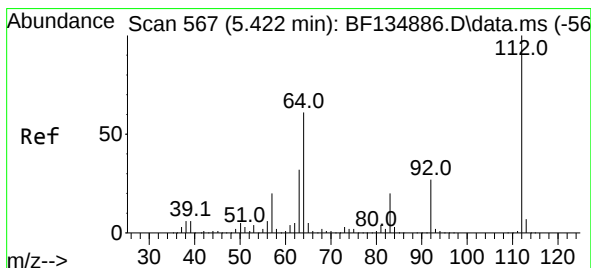
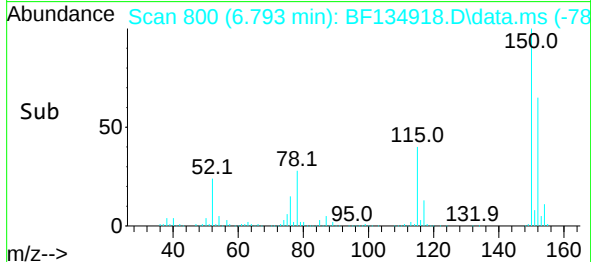
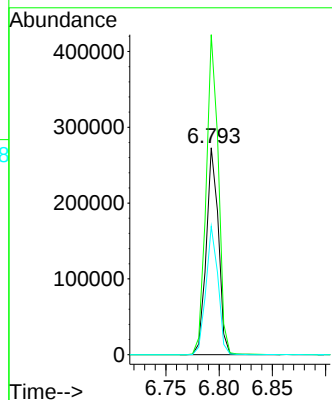
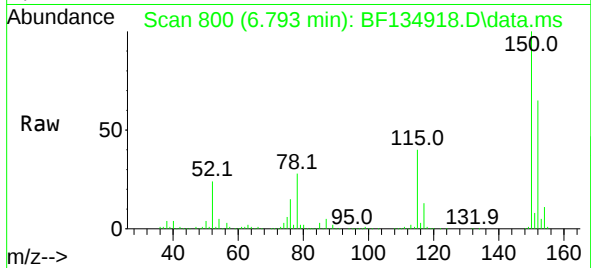




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

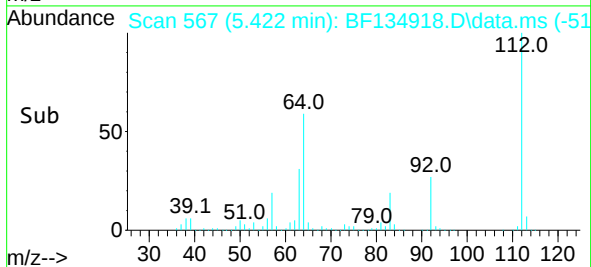
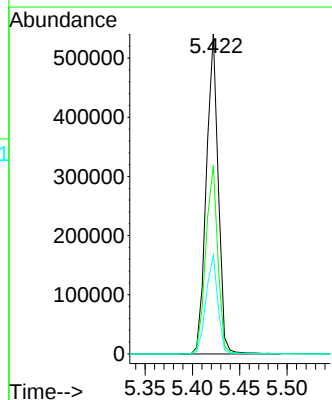
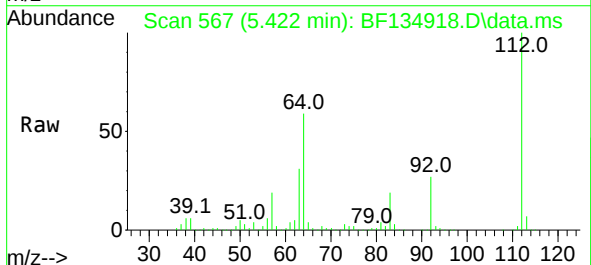
Instrument :
BNA_F
ClientSampleId :
TP-F

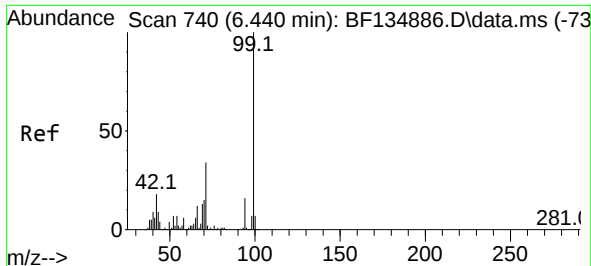
Tgt Ion:152 Resp: 217846
Ion Ratio Lower Upper
152 100
150 154.7 126.1 189.1
115 62.0 51.1 76.7



#5
2-Fluorophenol
Concen: 34.486 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

Tgt Ion:112 Resp: 471118
Ion Ratio Lower Upper
112 100
64 58.9 48.6 73.0
63 30.9 25.7 38.5

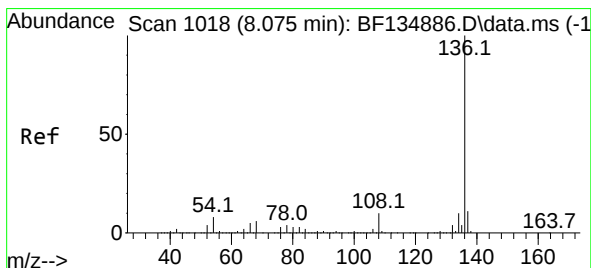
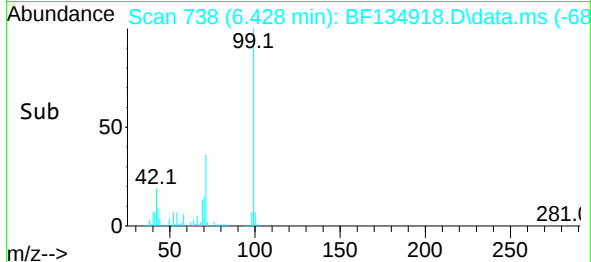
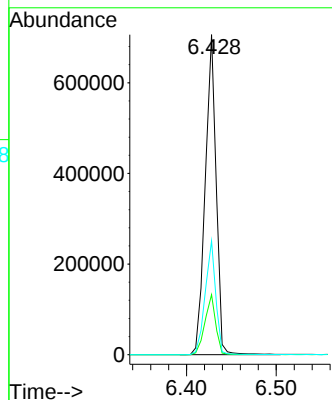
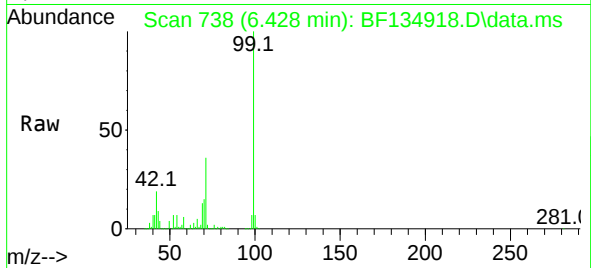




#7
Phenol-d6
Concen: 34.241 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

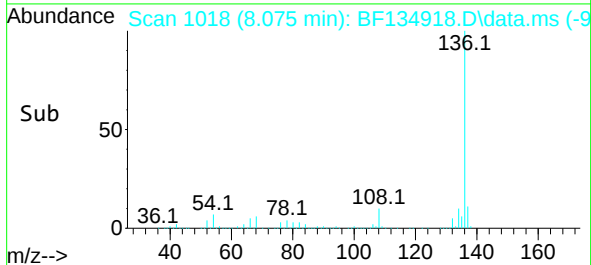
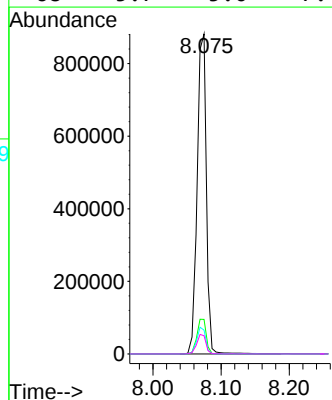
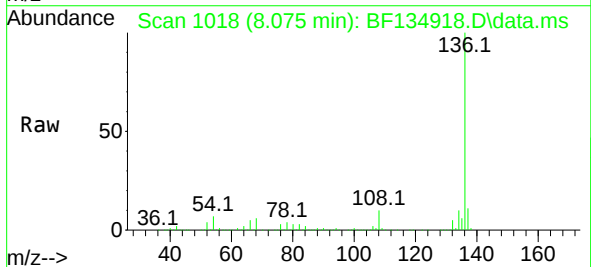
Instrument :
BNA_F
ClientSampleId :
TP-F

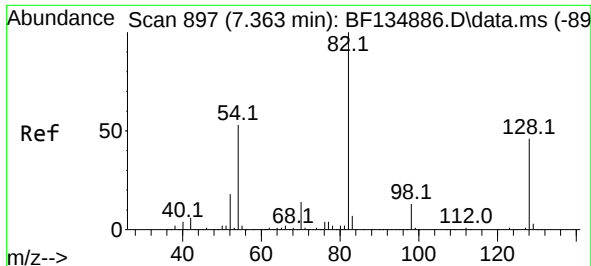
Tgt Ion: 99 Resp: 597725
Ion Ratio Lower Upper
99 100
42 18.8 14.6 22.0
71 35.6 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

Tgt Ion: 136 Resp: 827144
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.5 6.6 9.8
68 5.7 5.0 7.4

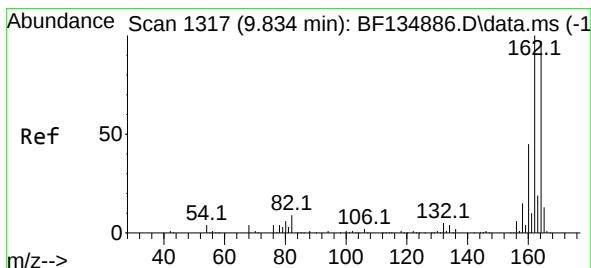
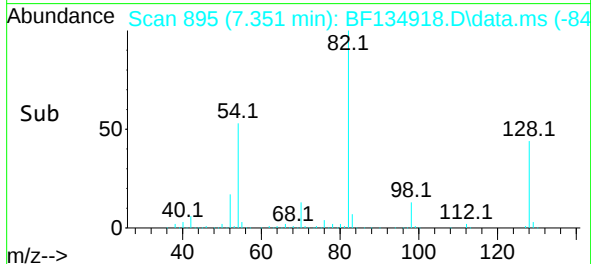
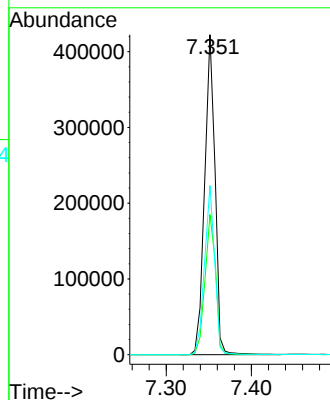
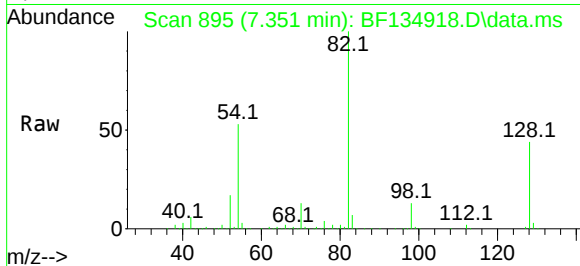




#23
Nitrobenzene-d5
Concen: 23.826 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

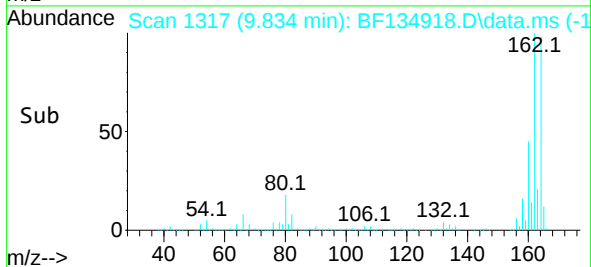
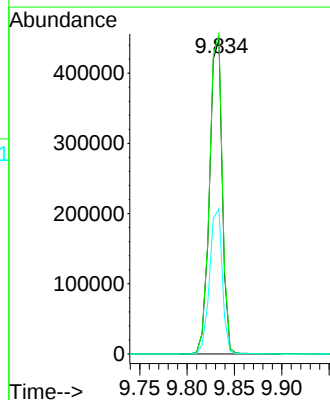
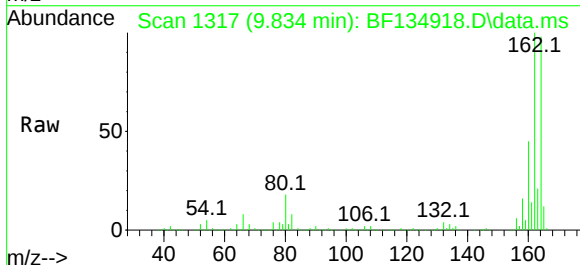
Instrument :
BNA_F
ClientSampleId :
TP-F

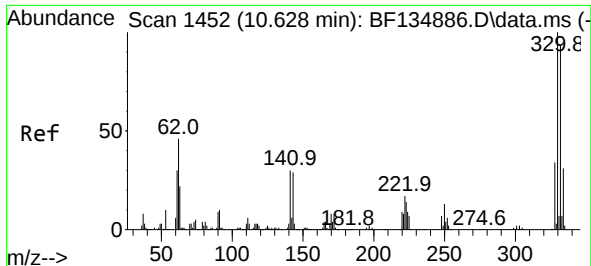
Tgt Ion: 82 Resp: 357644
Ion Ratio Lower Upper
82 100
128 43.9 36.6 54.8
54 52.9 42.6 63.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

Tgt Ion: 164 Resp: 416637
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 46.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 32.567 ng

RT: 10.622 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF134918.D

Acq: 24 Aug 2023 11:57

Instrument :

BNA_F

ClientSampleId :

TP-F

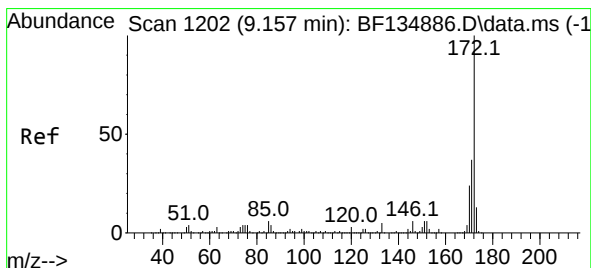
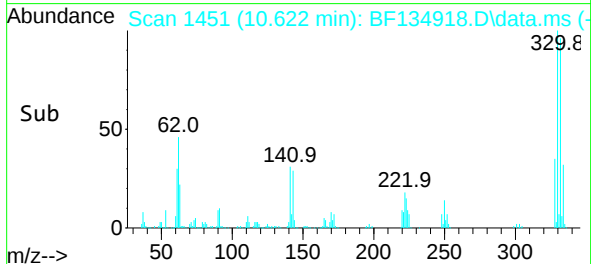
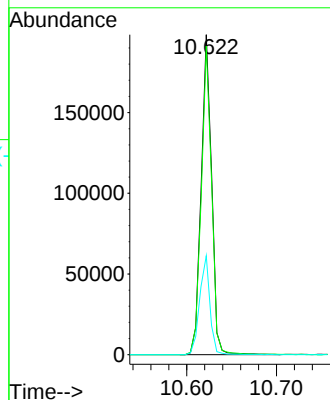
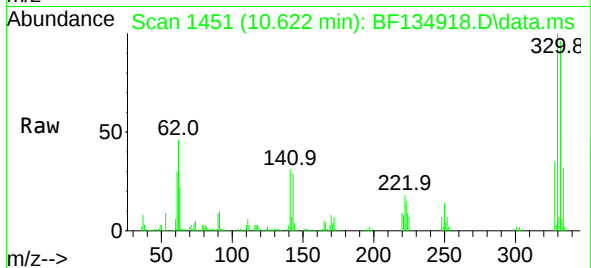
Tgt Ion:330 Resp: 159806

Ion Ratio Lower Upper

330 100

332 95.9 76.3 114.5

141 30.6 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 23.921 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134918.D

Acq: 24 Aug 2023 11:57

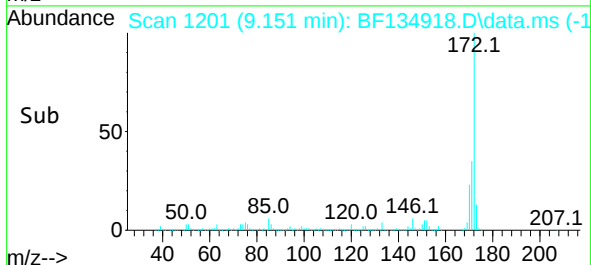
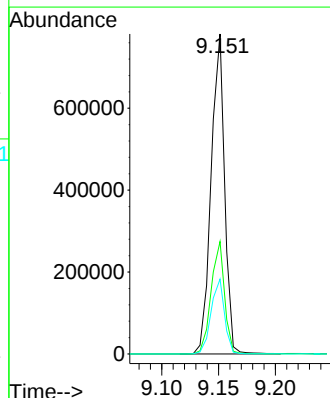
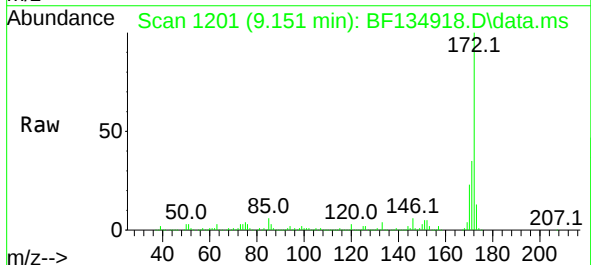
Tgt Ion:172 Resp: 644708

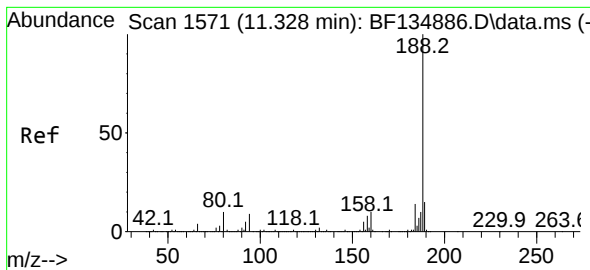
Ion Ratio Lower Upper

172 100

171 35.1 29.4 44.0

170 23.4 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134918.D

Acq: 24 Aug 2023 11:57

Instrument :

BNA_F

ClientSampleId :

TP-F

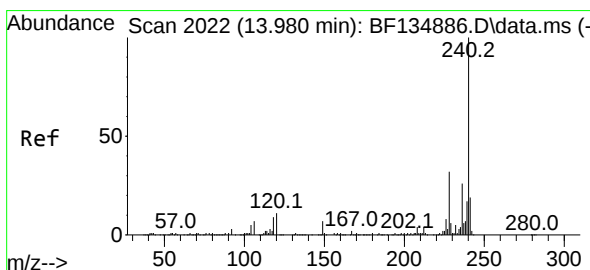
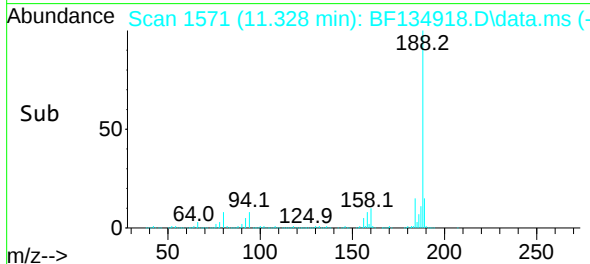
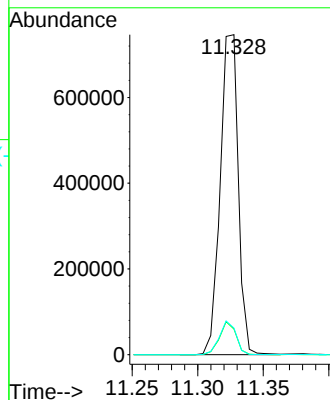
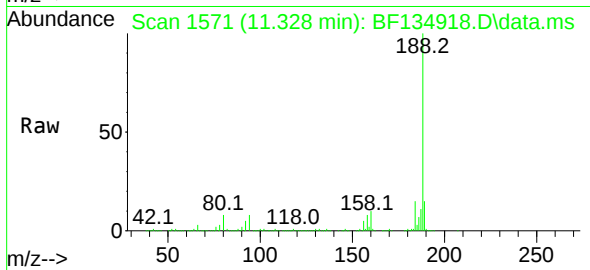
Tgt Ion:188 Resp: 714450

Ion Ratio Lower Upper

188 100

94 8.0 7.5 11.3

80 8.3 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: BF134918.D

Acq: 24 Aug 2023 11:57

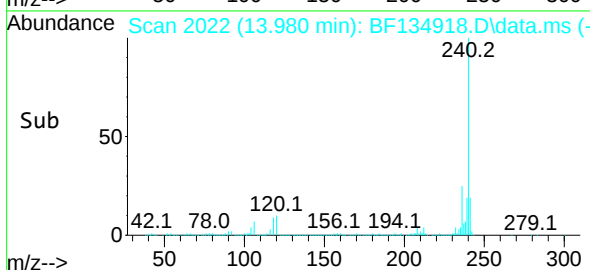
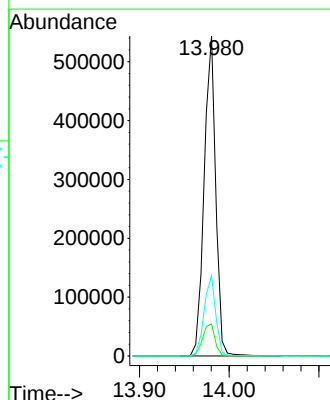
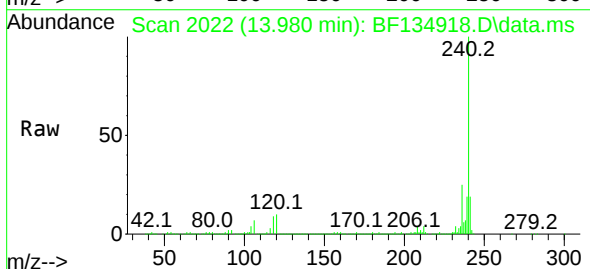
Tgt Ion:240 Resp: 485870

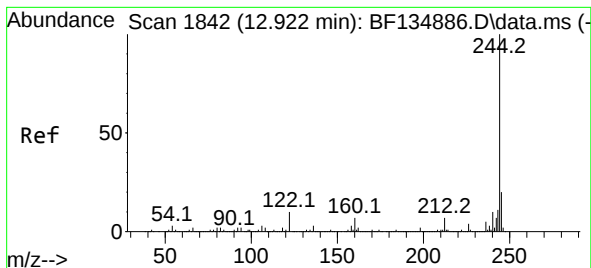
Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

236 25.1 20.6 31.0





#79

Terphenyl-d14

Concen: 17.739 ng

RT: 12.922 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF134918.D

Acq: 24 Aug 2023 11:57

Instrument :

BNA_F

ClientSampleId :

TP-F

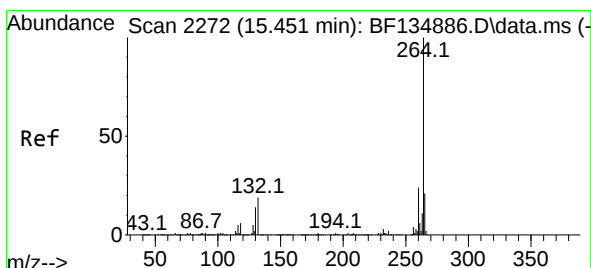
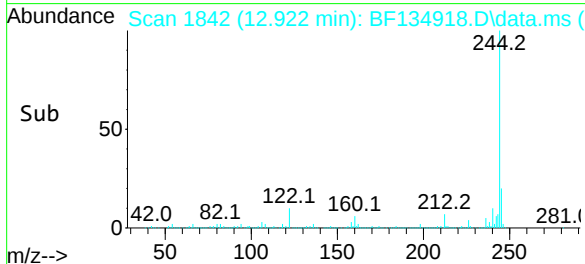
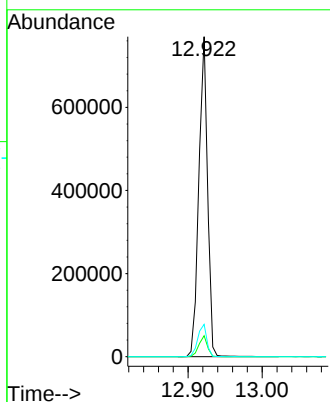
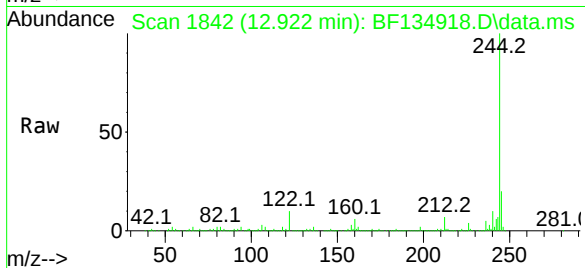
Tgt Ion:244 Resp: 626654

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.1 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF134918.D

Acq: 24 Aug 2023 11:57

Tgt Ion:264 Resp: 541903

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 22.1 17.1 25.7

