

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134850.D
 Acq On : 18 Aug 2023 20:21
 Operator : CG\JU
 Sample : 04074-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAPLE-SHADE-COMP

Quant Time: Aug 19 01:46:44 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	138779	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	534366	20.000	ng	#-0.01
39) Acenaphthene-d10	9.827	164	239559	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	339482	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	284637	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	192544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	592813	64.933	ng	0.00
7) Phenol-d6	6.422	99	462277	39.611	ng	-0.02
23) Nitrobenzene-d5	7.357	82	866496	101.334	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	290522	118.965	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1436755	99.720	ng	-0.01
79) Terphenyl-d14	12.910	244	1210148	74.949	ng	-0.01

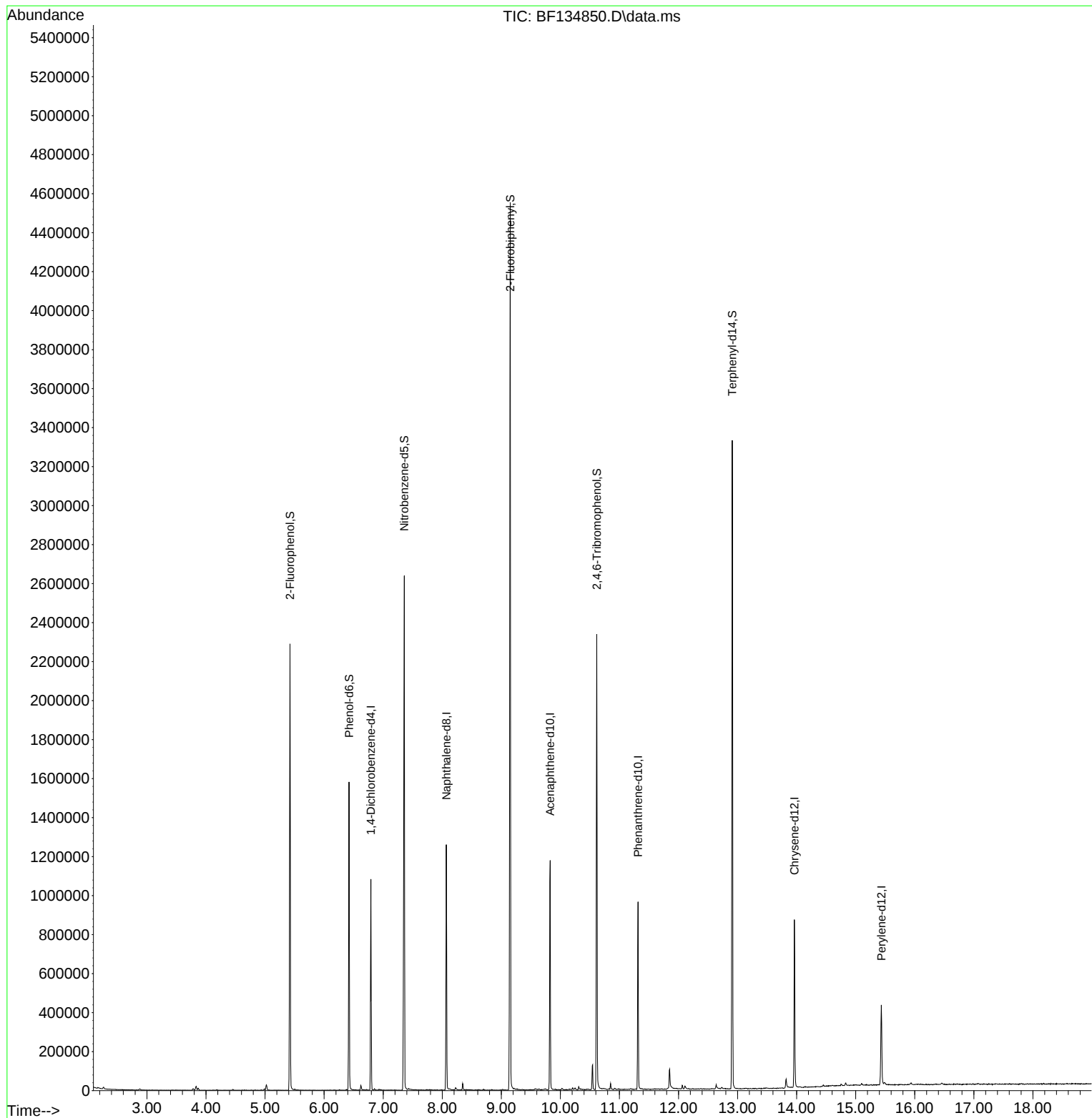
Target Compounds	Qvalue

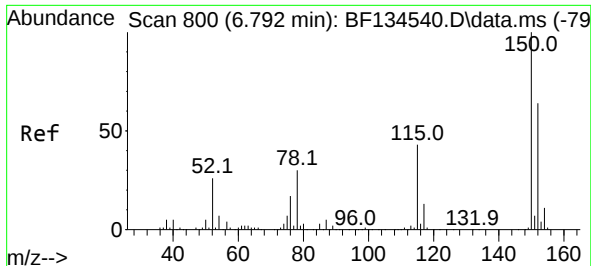
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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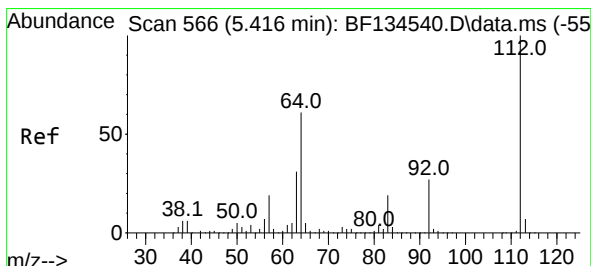
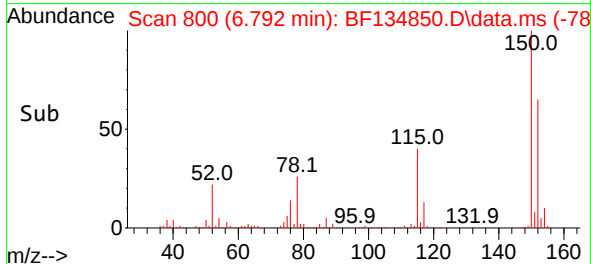
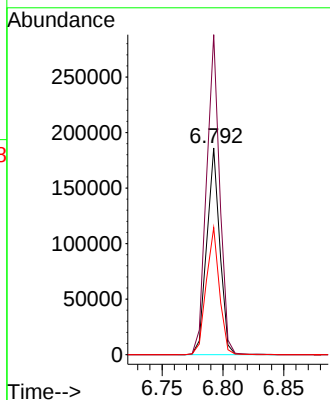
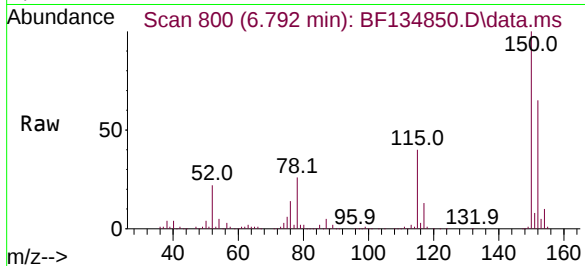




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134850.D
Acq: 18 Aug 2023 20:21

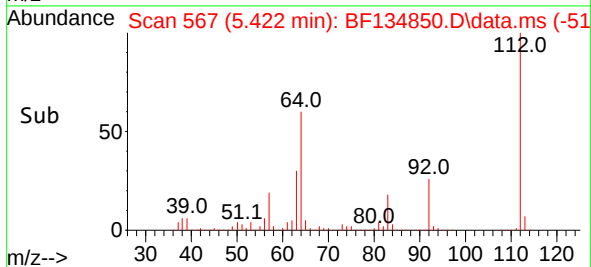
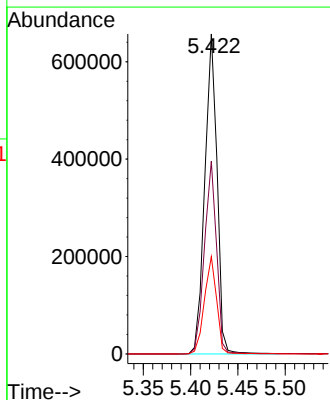
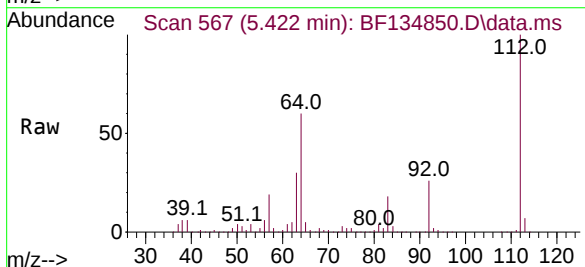
Instrument :
BNA_F
ClientSampleId :
MAPLE-SHADE-COMP

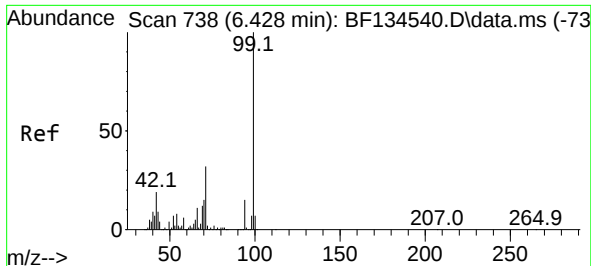
Tgt Ion:152 Resp: 138779
Ion Ratio Lower Upper
152 100
150 154.9 128.3 192.5
115 61.5 52.4 78.6



#5
2-Fluorophenol
Concen: 64.933 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134850.D
Acq: 18 Aug 2023 20:21

Tgt Ion:112 Resp: 592813
Ion Ratio Lower Upper
112 100
64 60.2 44.9 67.3
63 30.4 25.4 38.0





#7

Phenol-d6

Concen: 39.611 ng

RT: 6.422 min Scan# 738

Delta R.T. -0.018 min

Lab File: BF134850.D

Acq: 18 Aug 2023 20:21

Instrument :

BNA_F

ClientSampleId :

MAPLE-SHADE-COMP

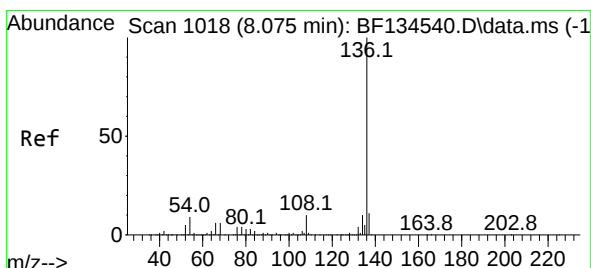
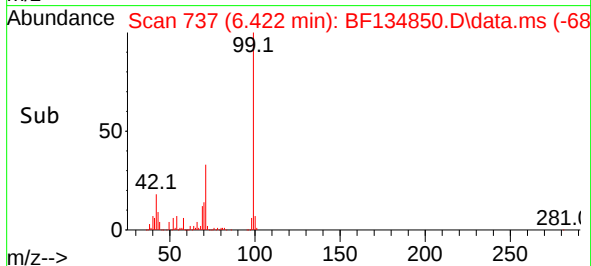
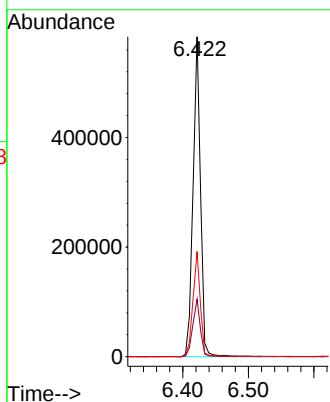
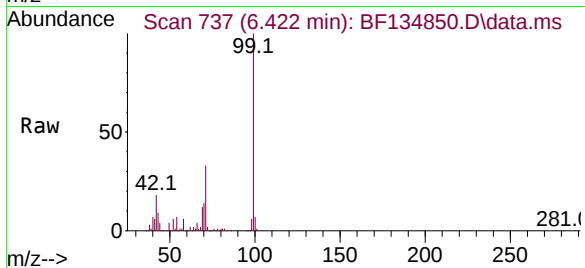
Tgt Ion: 99 Resp: 462277

Ion Ratio Lower Upper

99 100

42 17.9 18.7 28.1#

71 32.8 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: BF134850.D

Acq: 18 Aug 2023 20:21

Tgt Ion: 136 Resp: 534366

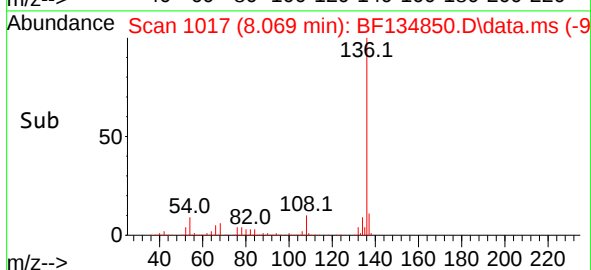
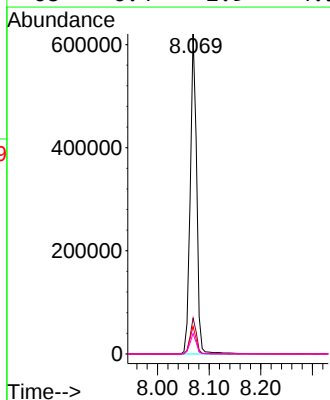
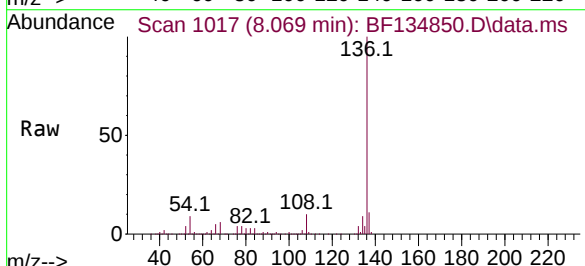
Ion Ratio Lower Upper

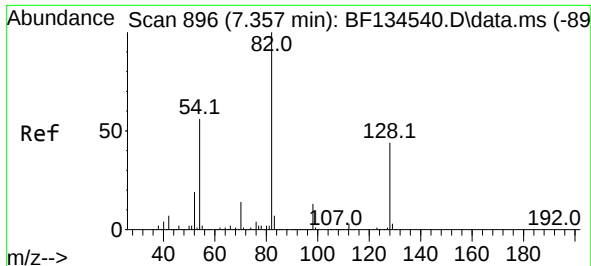
136 100

137 11.2 8.4 12.6

54 8.6 5.2 7.8#

68 6.4 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 101.334 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134850.D

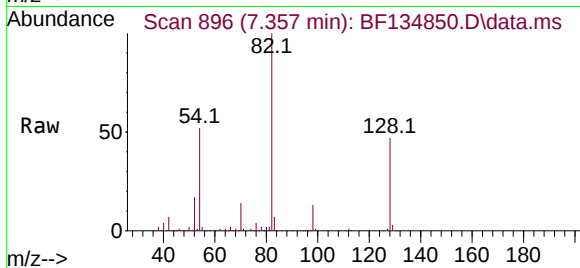
Acq: 18 Aug 2023 20:21

Instrument :

BNA_F

ClientSampleId :

MAPLE-SHADE-COMP



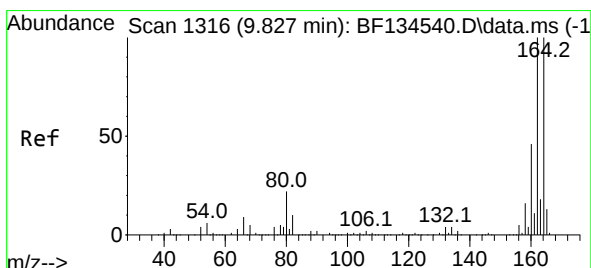
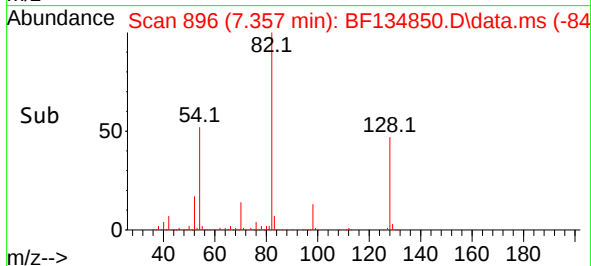
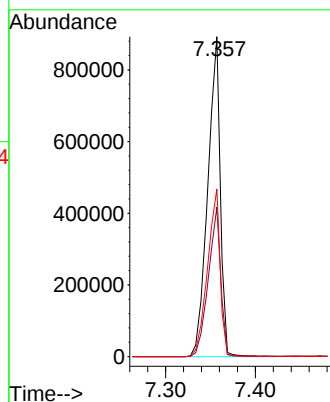
Tgt Ion: 82 Resp: 866496

Ion Ratio Lower Upper

82 100

128 46.7 34.3 51.5

54 52.4 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134850.D

Acq: 18 Aug 2023 20:21

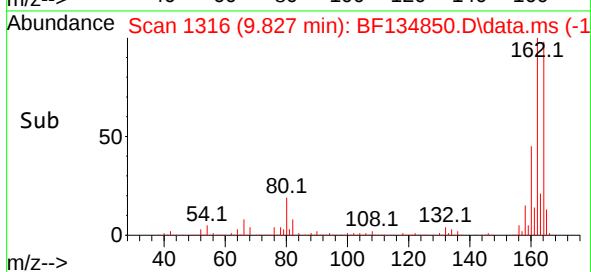
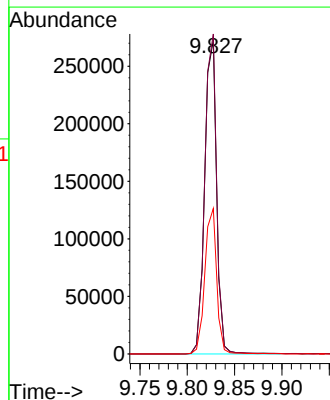
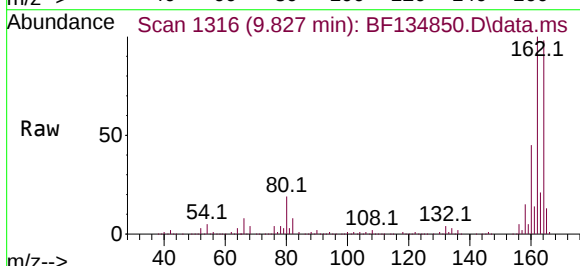
Tgt Ion: 164 Resp: 239559

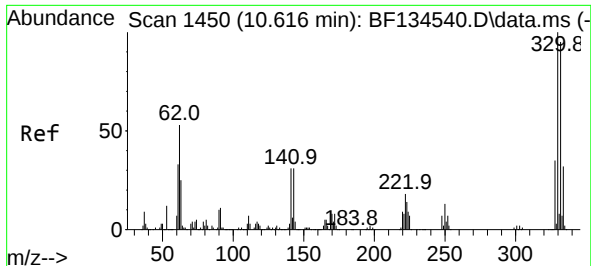
Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

160 46.3 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 118.965 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF134850.D

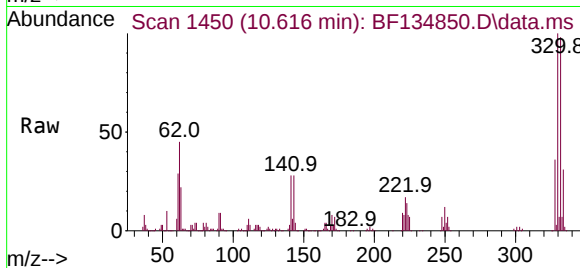
Acq: 18 Aug 2023 20:21

Instrument :

BNA_F

ClientSampleId :

MAPLE-SHADE-COMP



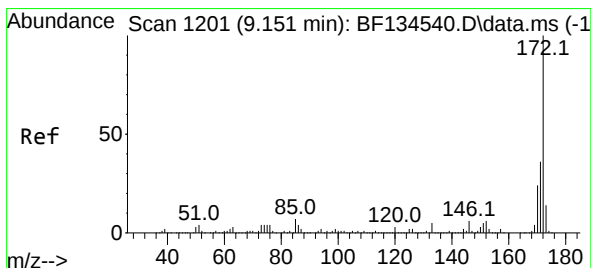
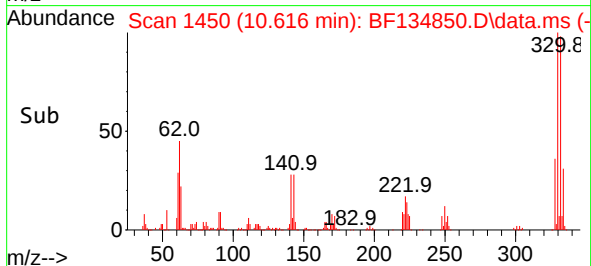
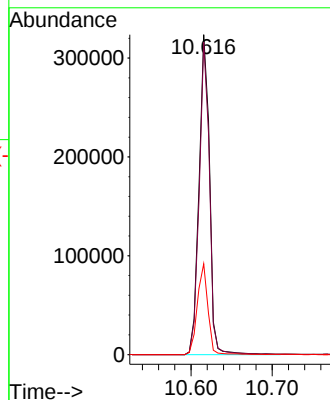
Tgt Ion:330 Resp: 290522

Ion Ratio Lower Upper

330 100

332 95.3 78.8 118.2

141 28.4 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 99.720 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134850.D

Acq: 18 Aug 2023 20:21

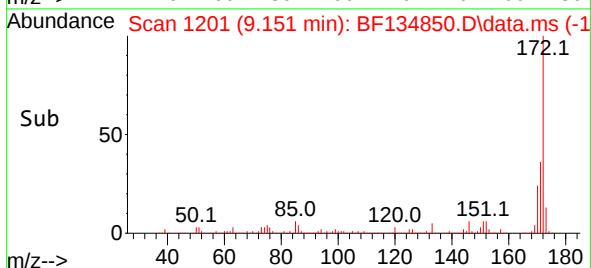
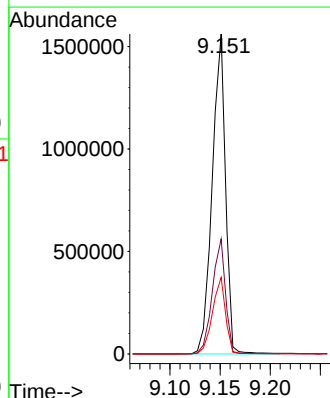
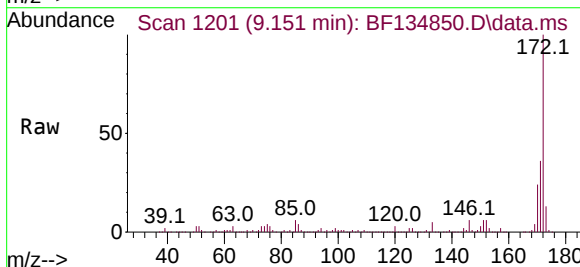
Tgt Ion:172 Resp: 1436755

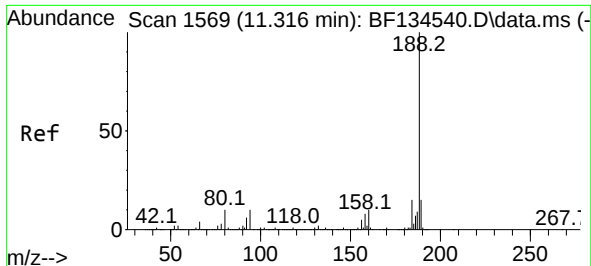
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.9 18.7 28.1

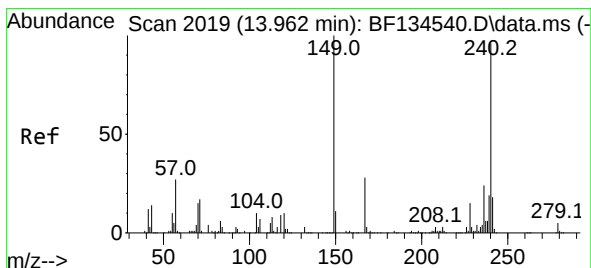
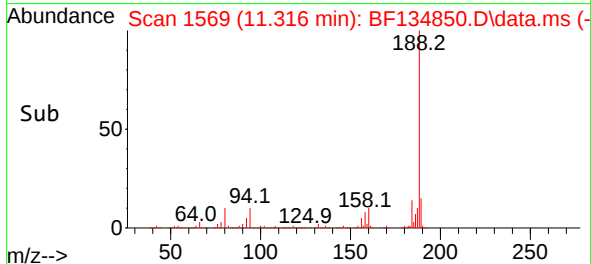
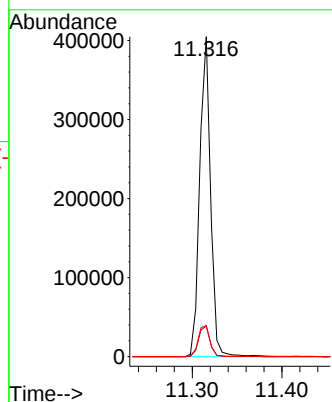
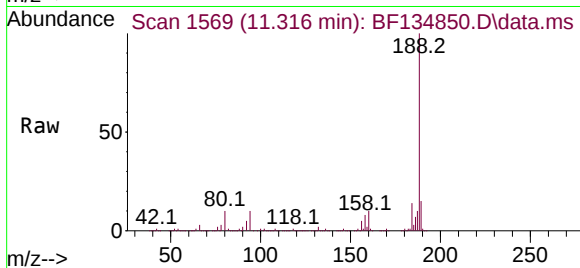




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134850.D
Acq: 18 Aug 2023 20:21

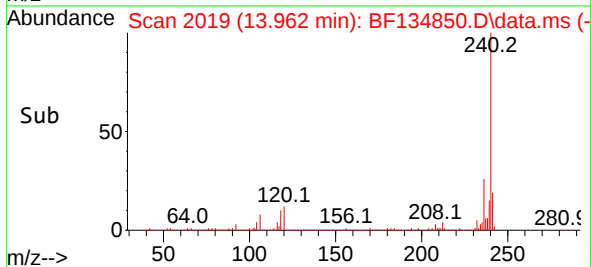
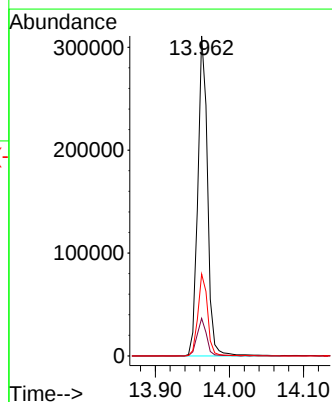
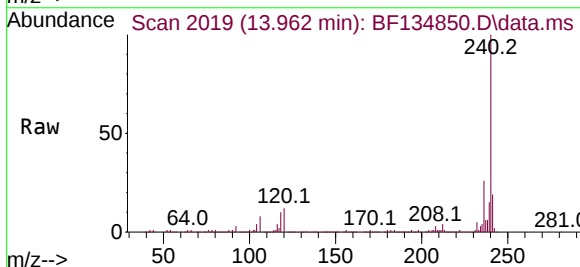
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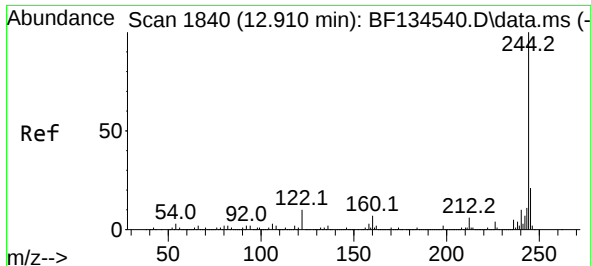
Tgt Ion:188 Resp: 339482
Ion Ratio Lower Upper
188 100
94 9.5 5.1 7.7#
80 9.7 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134850.D
Acq: 18 Aug 2023 20:21

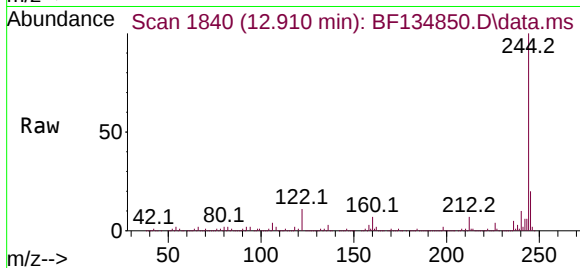
Tgt Ion:240 Resp: 284637
Ion Ratio Lower Upper
240 100
120 11.7 6.6 10.0#
236 25.6 20.2 30.2



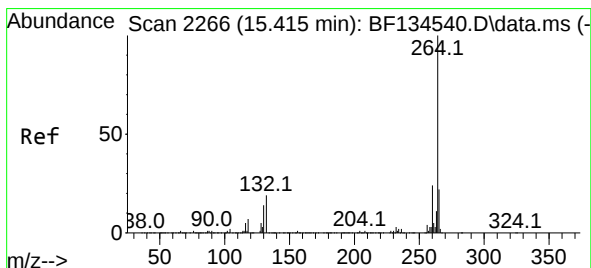
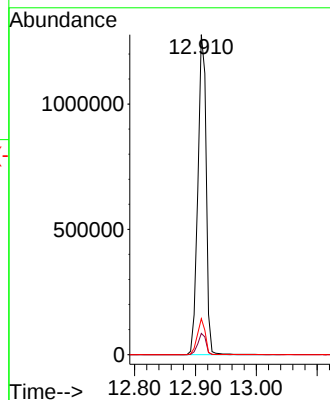
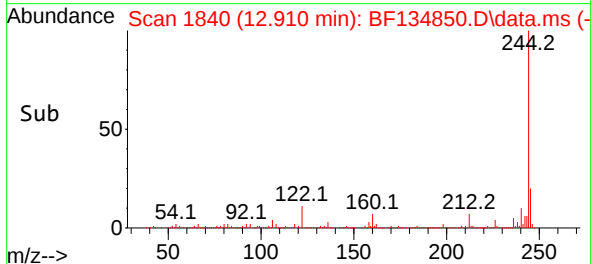


#79
 Terphenyl-d14
 Concen: 74.949 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134850.D
 Acq: 18 Aug 2023 20:21

Instrument :
 BNA_F
 ClientSampleId :
 MAPLE-SHADE-COMP



Tgt Ion:244 Resp: 1210148
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 11.2 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: BF134850.D
 Acq: 18 Aug 2023 20:21

Tgt Ion:264 Resp: 192544
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 22.1 15.8 23.8

