

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134758.D
 Acq On : 14 Aug 2023 14:26
 Operator : CG\JU
 Sample : 03989-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP24B

Quant Time: Aug 15 00:30:38 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	6.798	152	153340	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	571361	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	268895	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	469133	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	312537	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	291450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	735179	72.880	ng	0.00
7) Phenol-d6	6.434	99	895214	69.424	ng	0.00
23) Nitrobenzene-d5	7.357	82	528797	57.837	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	225613	82.307	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	926859	57.312	ng	-0.01
79) Terphenyl-d14	12.916	244	940446	53.046	ng	0.00

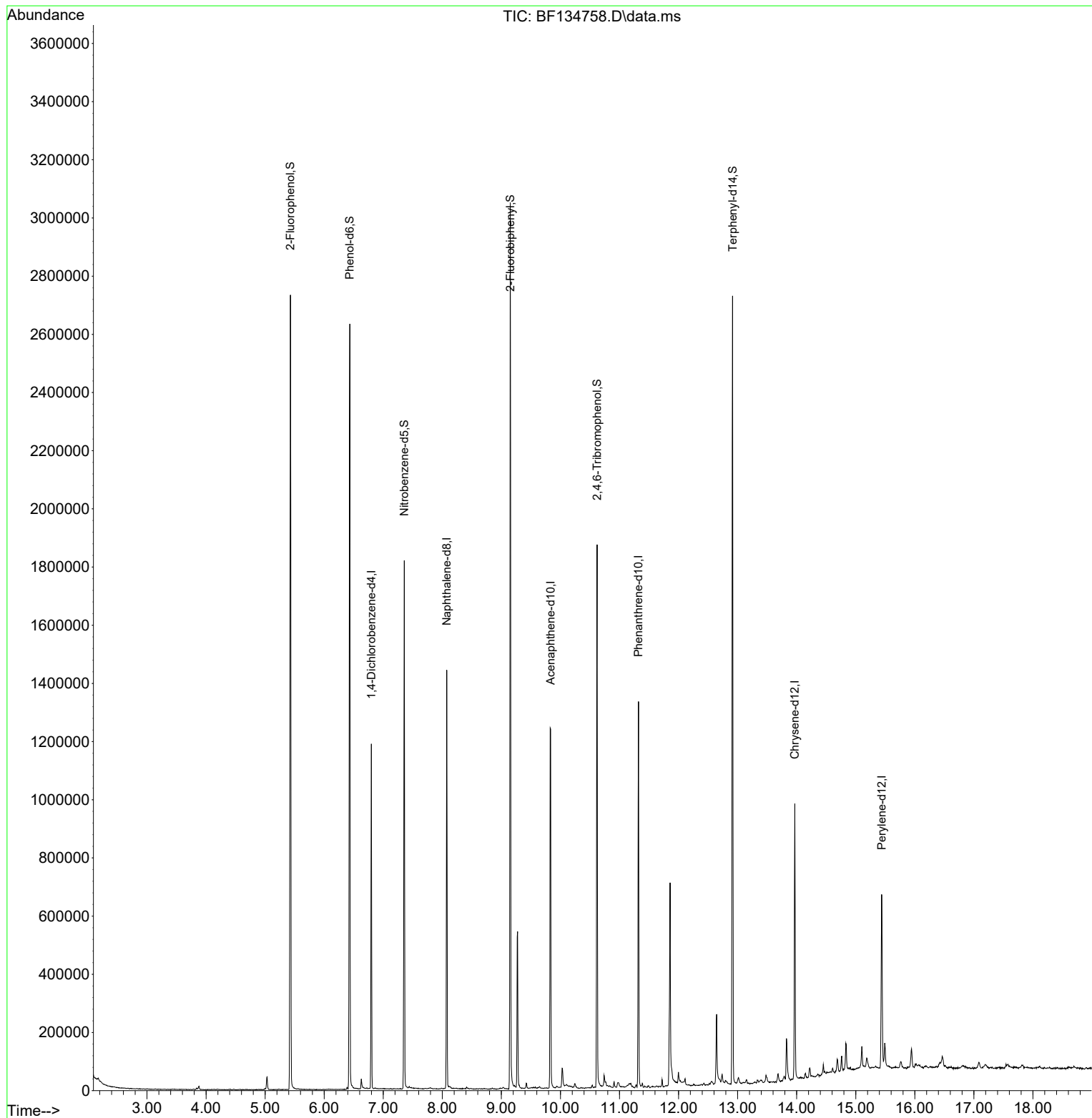
Target Compounds	Qvalue

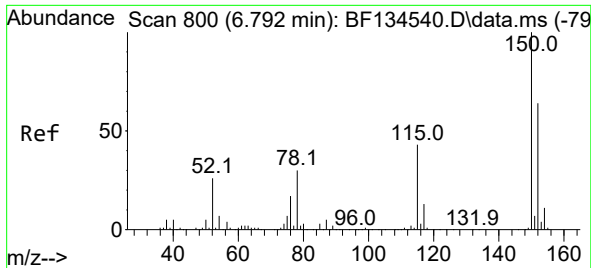
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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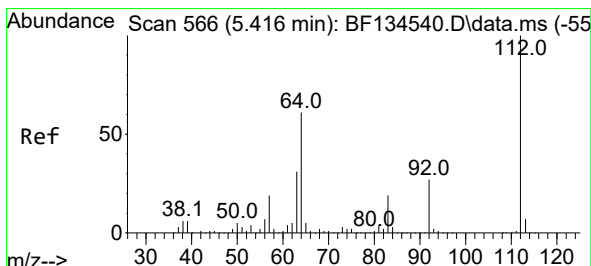
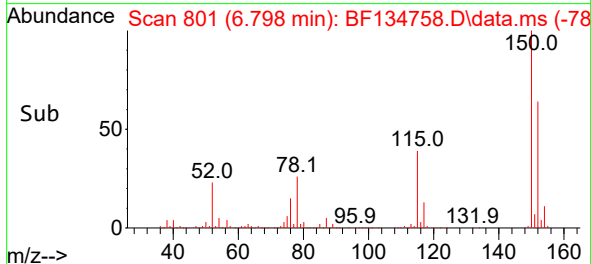
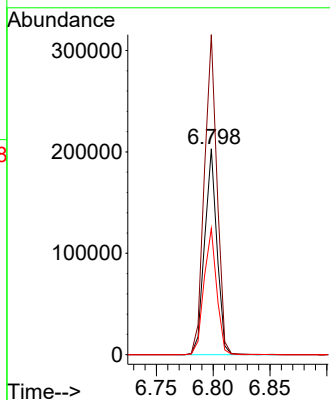
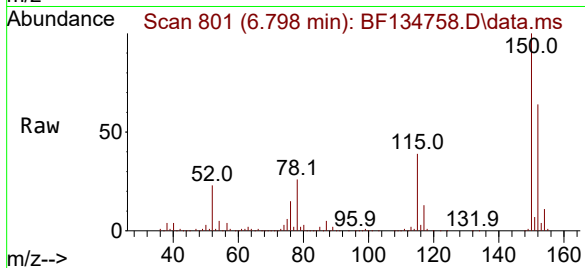




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

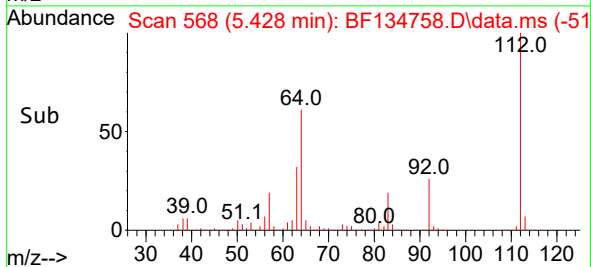
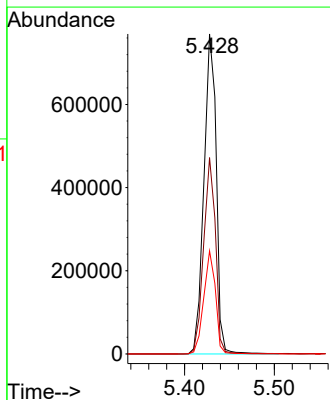
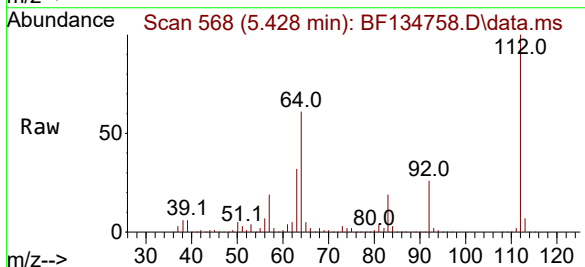
Instrument :
BNA_F
ClientSampleId :
B-PP24B

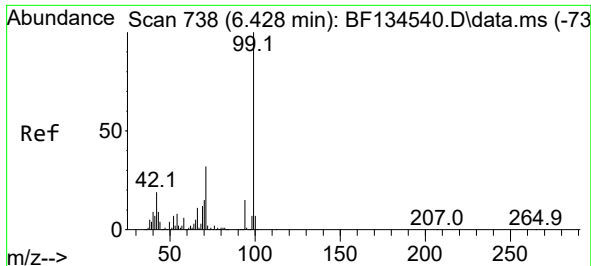
Tgt Ion:152 Resp: 153340
Ion Ratio Lower Upper
152 100
150 155.4 128.3 192.5
115 61.3 52.4 78.6



#5
2-Fluorophenol
Concen: 72.880 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

Tgt Ion:112 Resp: 735179
Ion Ratio Lower Upper
112 100
64 61.3 44.9 67.3
63 32.2 25.4 38.0





#7

Phenol-d6

Concen: 69.424 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134758.D

Acq: 14 Aug 2023 14:26

Instrument :

BNA_F

ClientSampleId :

B-PP24B

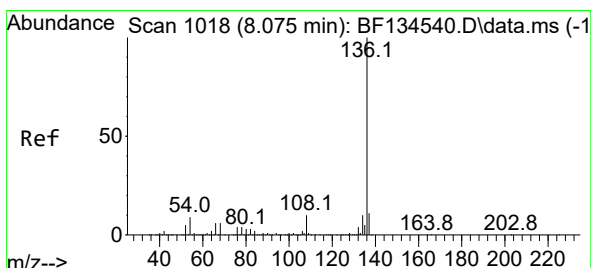
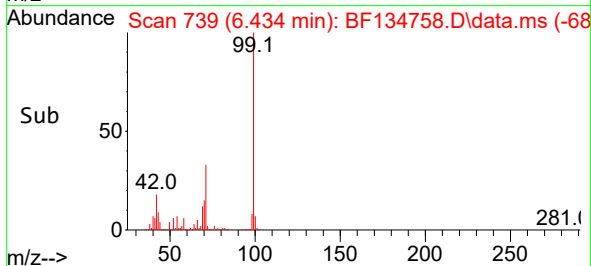
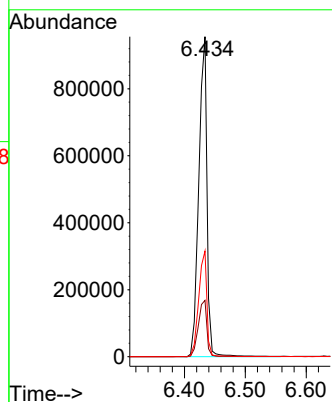
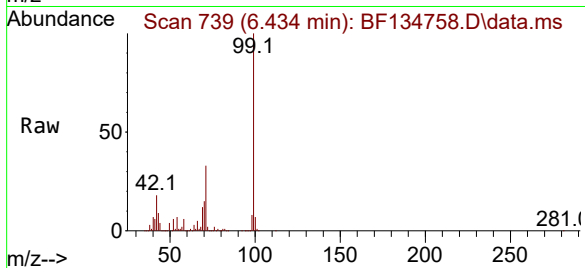
Tgt Ion: 99 Resp: 895214

Ion Ratio Lower Upper

99 100

42 17.6 18.7 28.1#

71 33.0 36.4 54.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF134758.D

Acq: 14 Aug 2023 14:26

Tgt Ion: 136 Resp: 571361

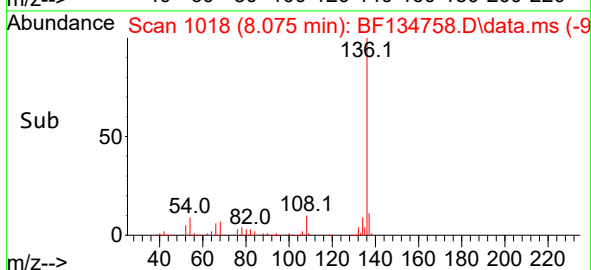
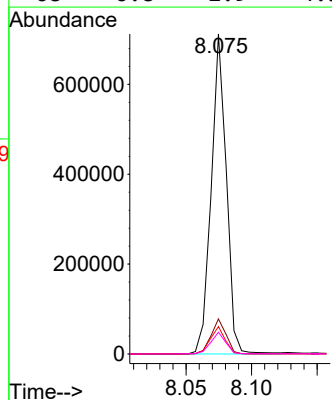
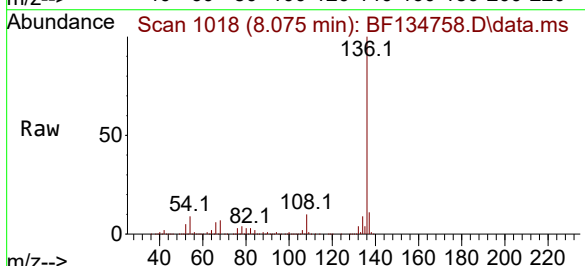
Ion Ratio Lower Upper

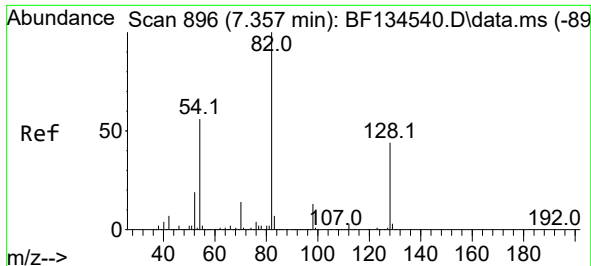
136 100

137 10.9 8.4 12.6

54 8.5 5.2 7.8#

68 6.8 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 57.837 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134758.D

Acq: 14 Aug 2023 14:26

Instrument :

BNA_F

ClientSampleId :

B-PP24B

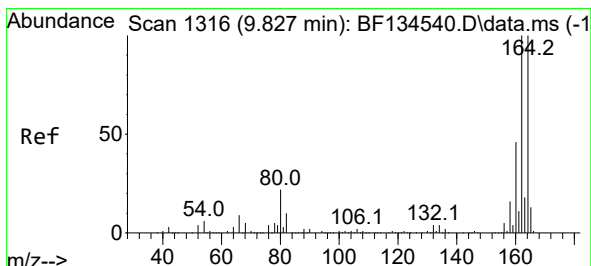
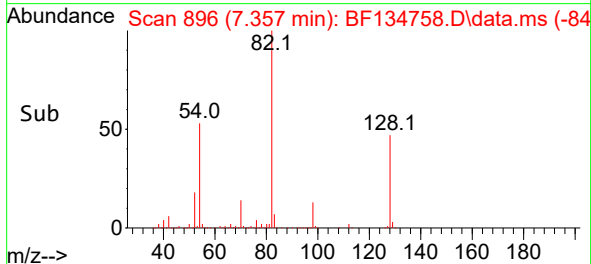
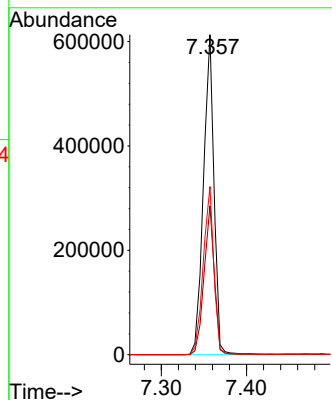
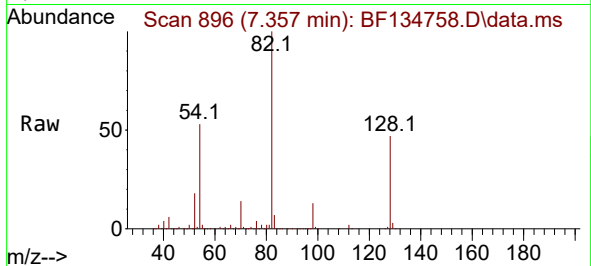
Tgt Ion: 82 Resp: 528797

Ion Ratio Lower Upper

82 100

128 46.6 34.3 51.5

54 52.5 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF134758.D

Acq: 14 Aug 2023 14:26

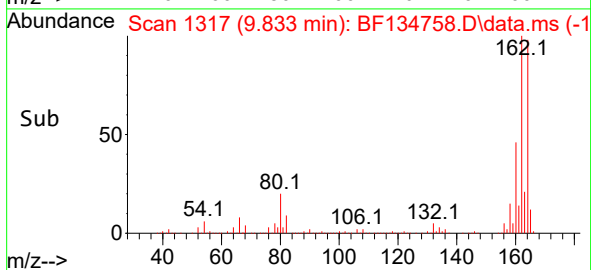
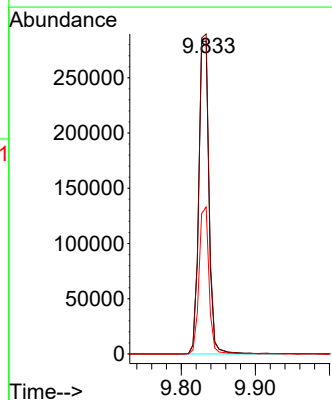
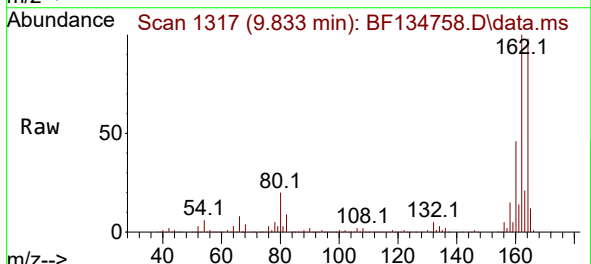
Tgt Ion:164 Resp: 268895

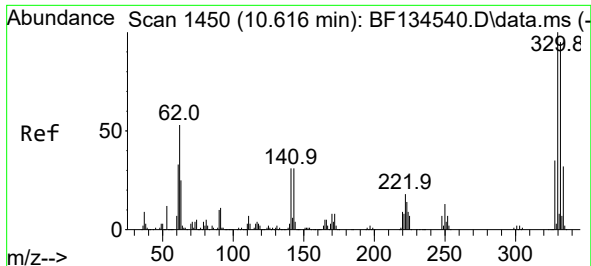
Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

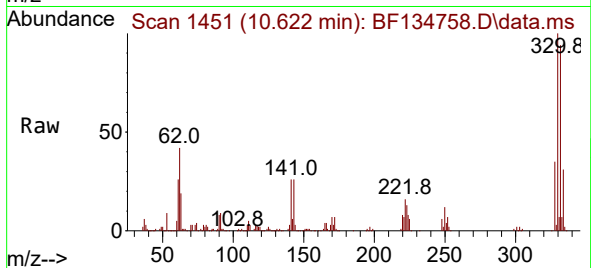
160 47.0 37.2 55.8



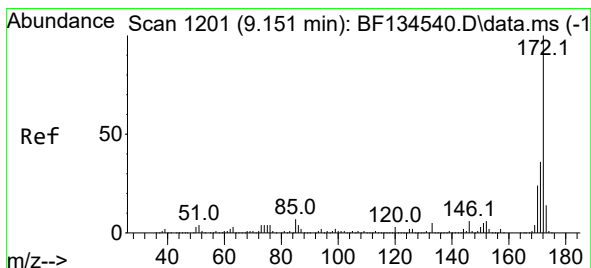
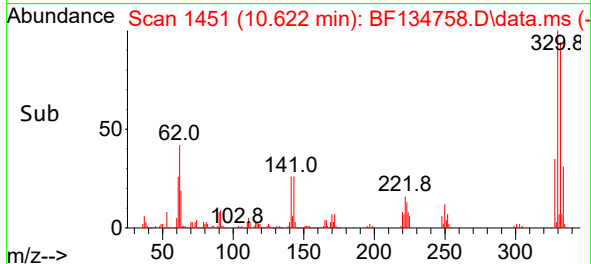
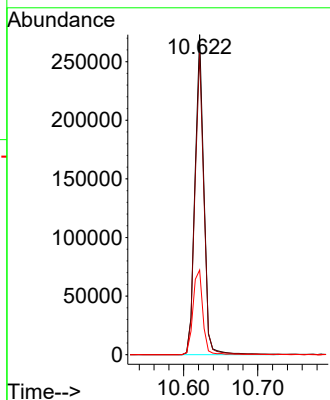


#42
2,4,6-Tribromophenol
Concen: 82.307 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

Instrument :
BNA_F
ClientSampleId :
B-PP24B

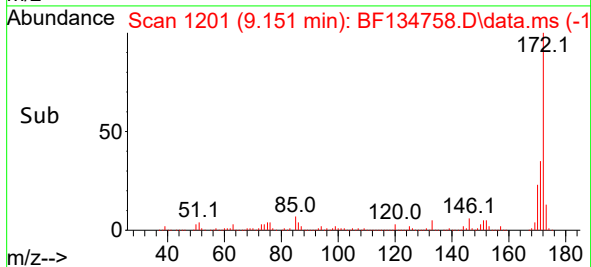
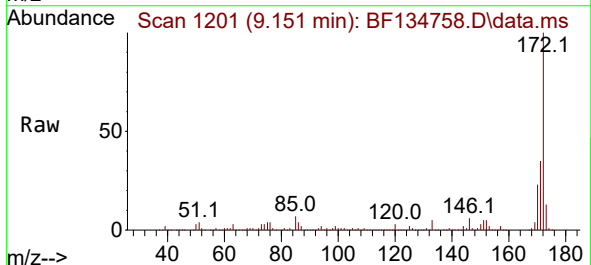
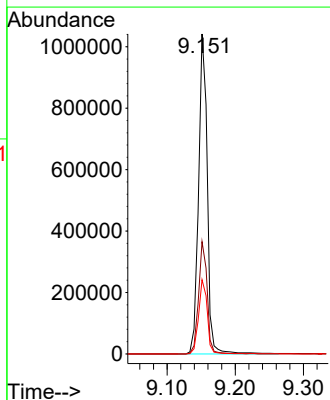


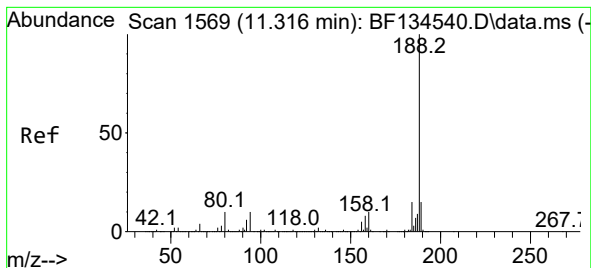
Tgt Ion:330 Resp: 225613
Ion Ratio Lower Upper
330 100
332 95.2 78.8 118.2
141 29.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 57.312 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

Tgt Ion:172 Resp: 926859
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134758.D

Acq: 14 Aug 2023 14:26

Instrument :

BNA_F

ClientSampleId :

B-PP24B

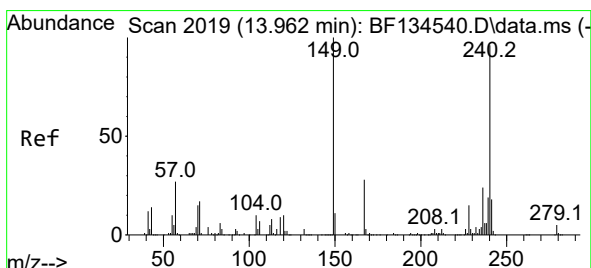
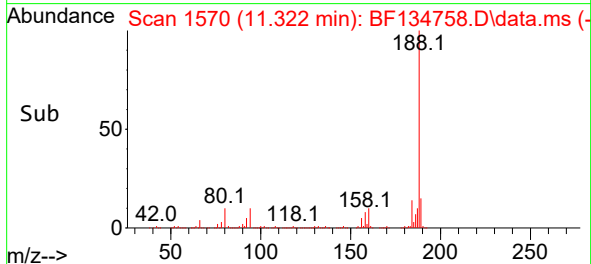
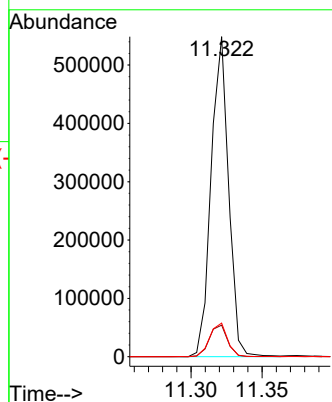
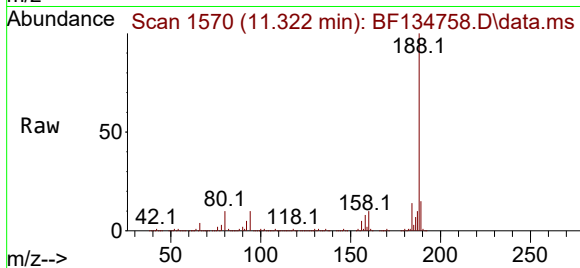
Tgt Ion:188 Resp: 469133

Ion Ratio Lower Upper

188 100

94 9.8 5.1 7.7#

80 10.5 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF134758.D

Acq: 14 Aug 2023 14:26

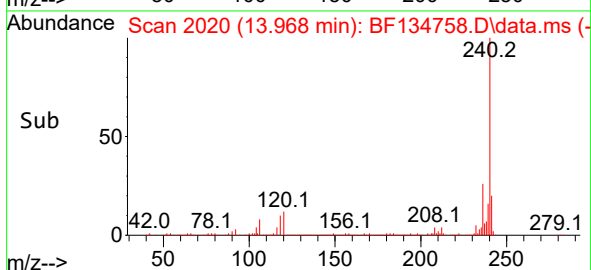
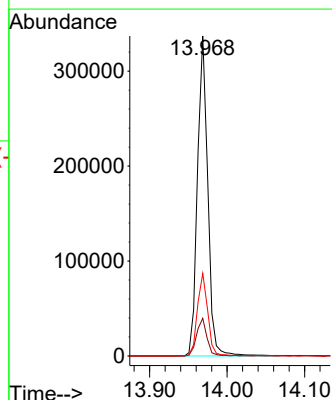
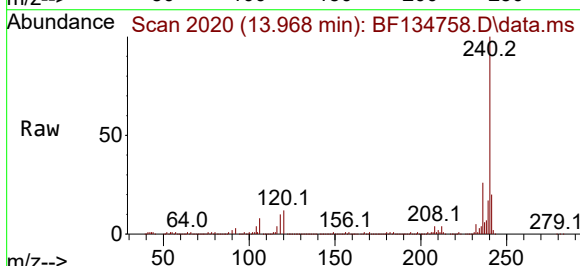
Tgt Ion:240 Resp: 312537

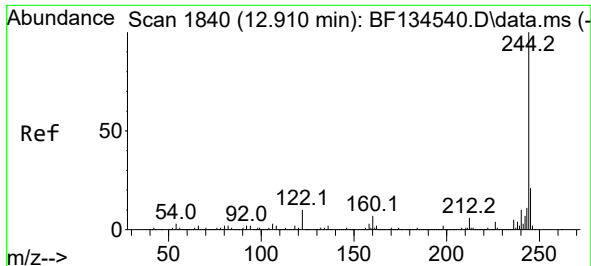
Ion Ratio Lower Upper

240 100

120 11.8 6.6 10.0#

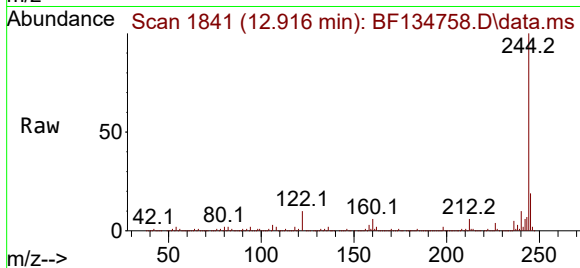
236 25.8 20.2 30.2



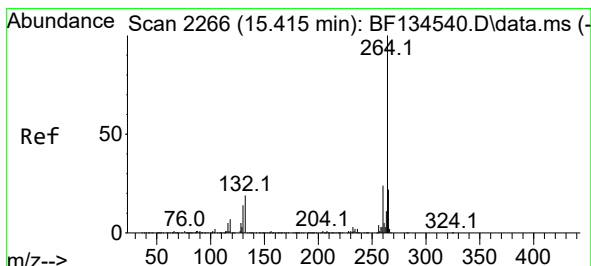
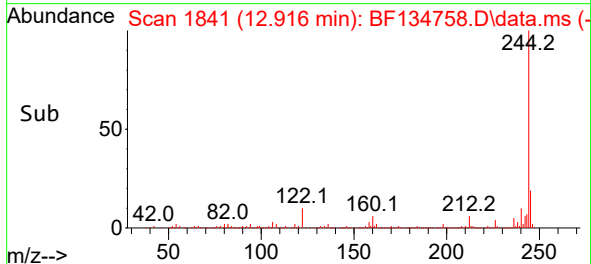
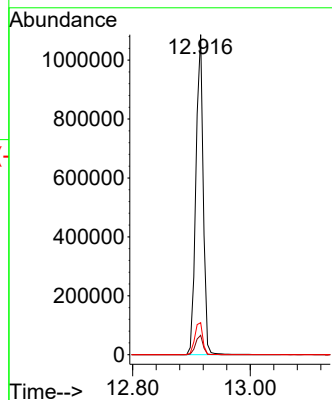


#79
 Terphenyl-d14
 Concen: 53.046 ng
 RT: 12.916 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134758.D
 Acq: 14 Aug 2023 14:26

Instrument :
 BNA_F
 ClientSampleId :
 B-PP24B



Tgt Ion:244 Resp: 940446
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 10.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF134758.D
 Acq: 14 Aug 2023 14:26

Tgt Ion:264 Resp: 291450
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 22.1 15.8 23.8

