

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134746.D
 Acq On : 11 Aug 2023 22:28
 Operator : CG\JU
 Sample : 03971-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP041A

Quant Time: Aug 11 23:59:00 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)

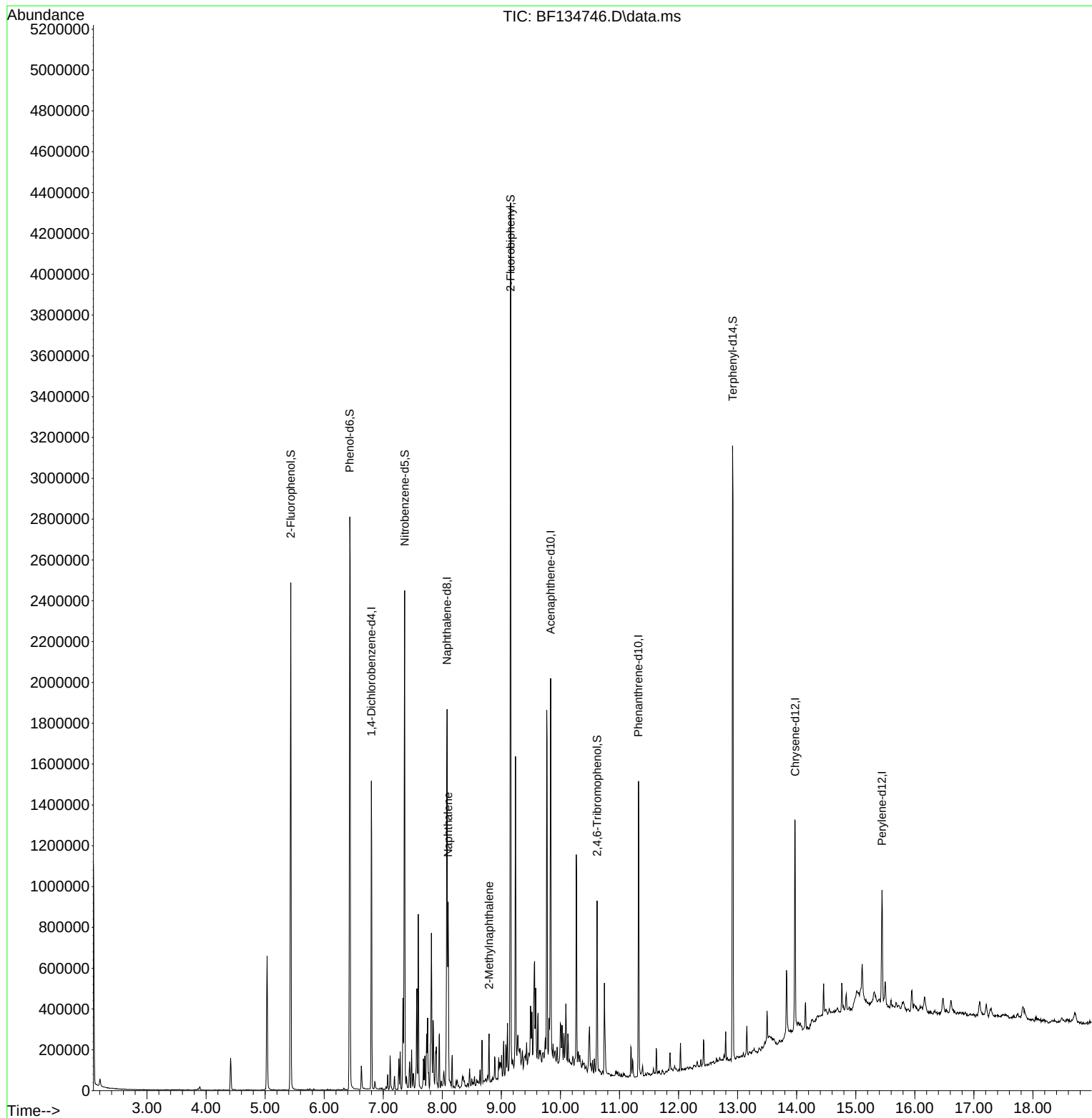
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	210984	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	794902	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	340397	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	504127	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	368314	20.000	ng	0.00
86) Perylene-d12	15.445	264	271460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	627210	45.189	ng	0.00
7) Phenol-d6	6.434	99	1076222	60.658	ng	0.00
23) Nitrobenzene-d5	7.363	82	712009	55.976	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	97725	28.163	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1253225	61.215	ng	0.00
79) Terphenyl-d14	12.915	244	1134116	54.282	ng	0.00
Target Compounds						
31) Naphthalene	8.098	128	251657	6.299	ng	Qvalue 98
37) 2-Methylnaphthalene	8.792	142	61605	2.326	ng	99

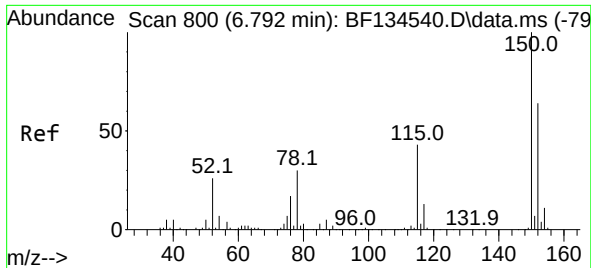
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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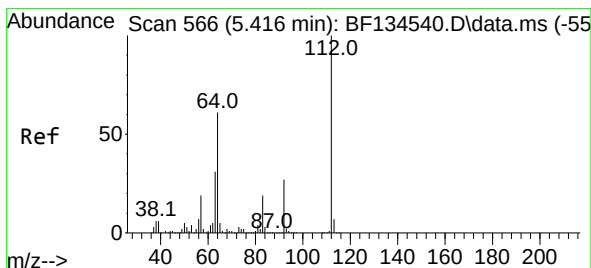
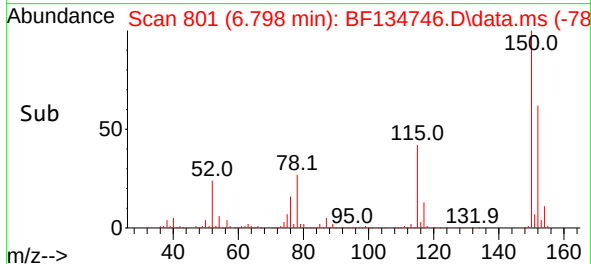
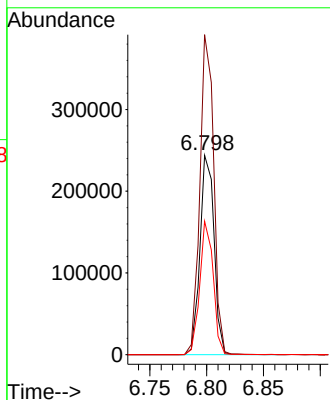
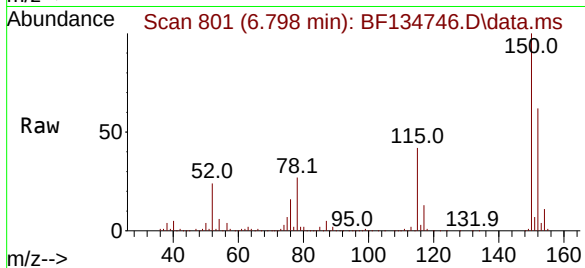




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

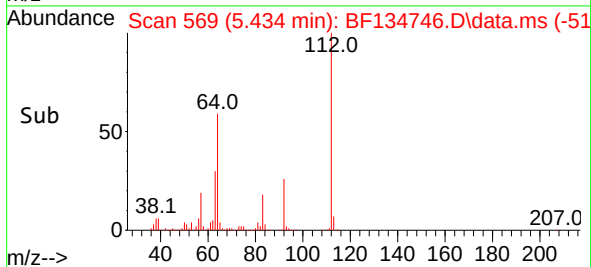
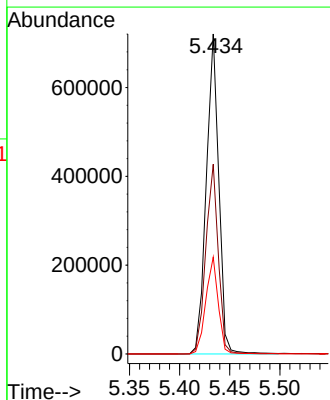
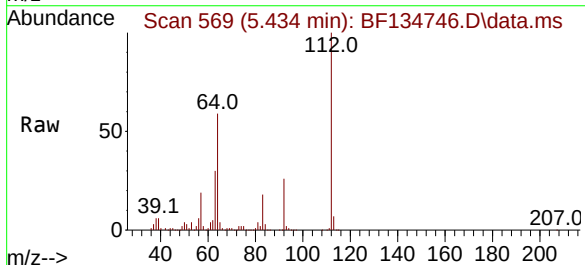
Instrument :
BNA_F
ClientSampleId :
B-PP041A

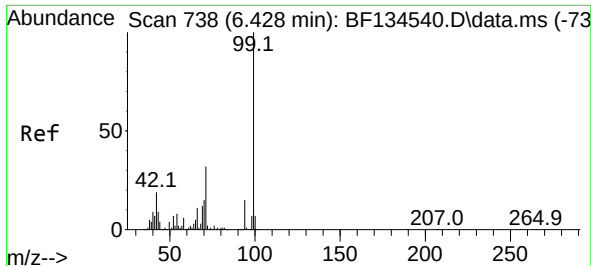
Tgt Ion:152 Resp: 210984
Ion Ratio Lower Upper
152 100
150 160.5 128.3 192.5
115 66.9 52.4 78.6



#5
2-Fluorophenol
Concen: 45.189 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

Tgt Ion:112 Resp: 627210
Ion Ratio Lower Upper
112 100
64 59.3 44.9 67.3
63 30.3 25.4 38.0





#7

Phenol-d6

Concen: 60.658 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

Instrument :

BNA_F

ClientSampleId :

B-PP041A

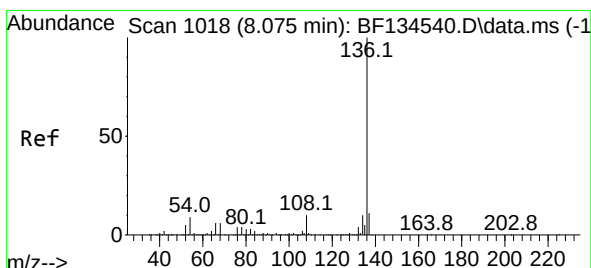
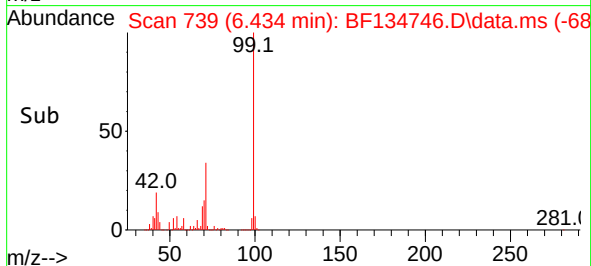
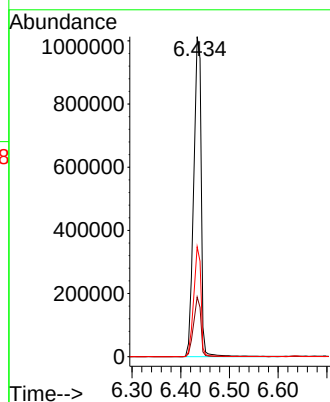
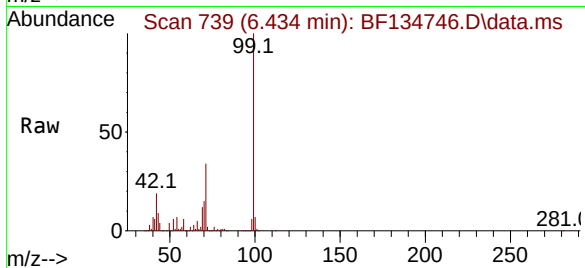
Tgt Ion: 99 Resp: 1076222

Ion Ratio Lower Upper

99 100

42 18.6 18.7 28.1#

71 34.4 36.4 54.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.080 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

Tgt Ion: 136 Resp: 794902

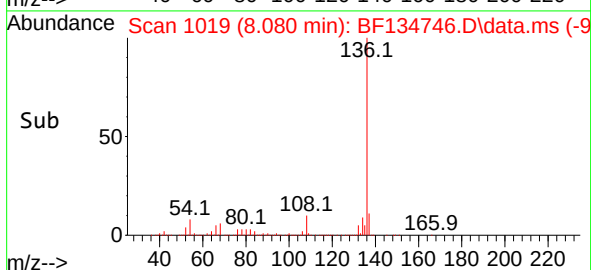
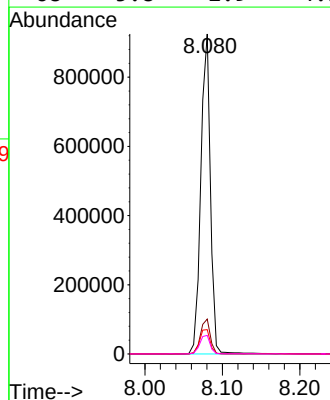
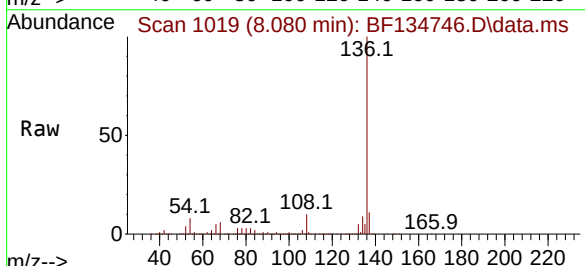
Ion Ratio Lower Upper

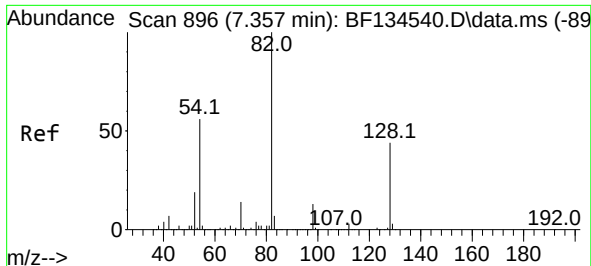
136 100

137 10.9 8.4 12.6

54 7.6 5.2 7.8

68 5.8 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 55.976 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

Instrument :

BNA_F

ClientSampleId :

B-PP041A

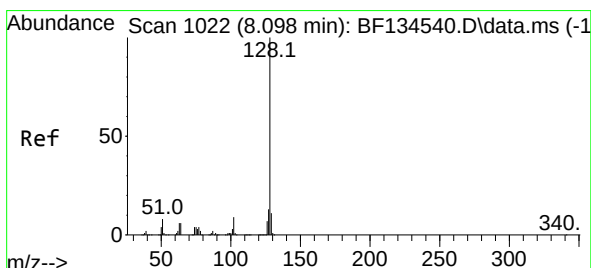
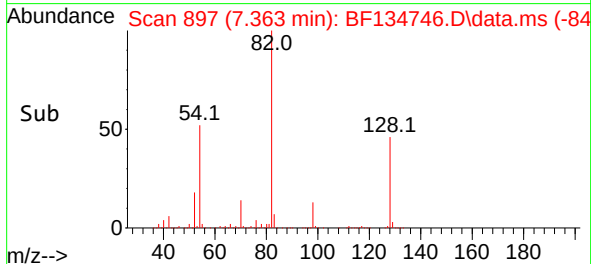
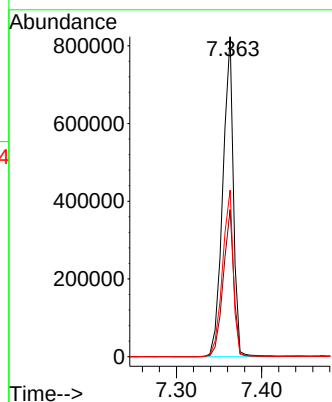
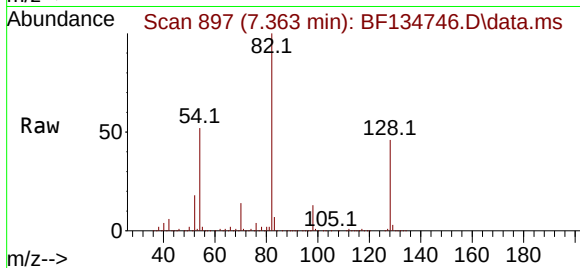
Tgt Ion: 82 Resp: 712009

Ion Ratio Lower Upper

82 100

128 46.0 34.3 51.5

54 52.1 43.8 65.6



#31

Naphthalene

Concen: 6.299 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

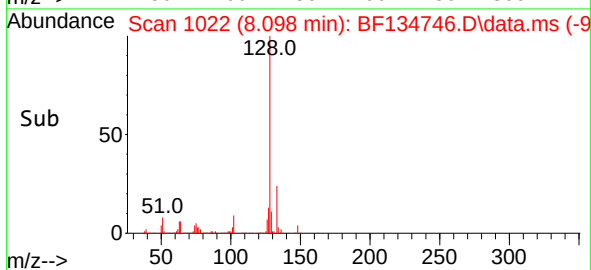
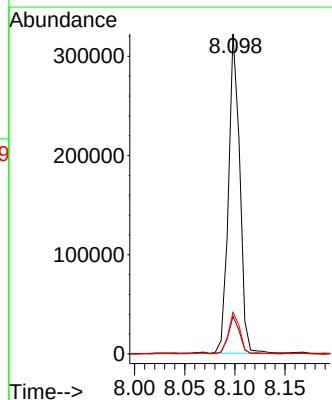
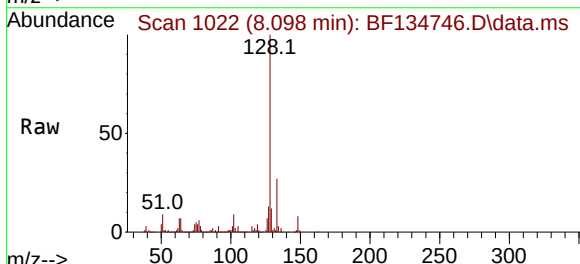
Tgt Ion: 128 Resp: 251657

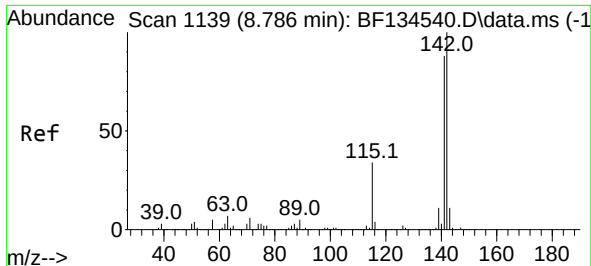
Ion Ratio Lower Upper

128 100

129 11.8 8.4 12.6

127 13.0 10.7 16.1

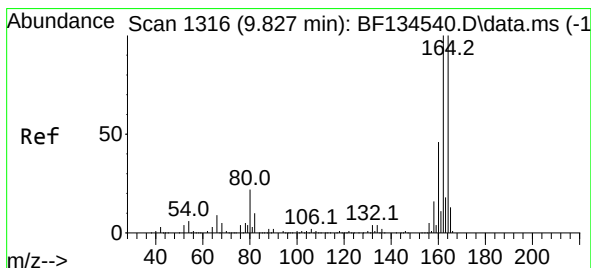
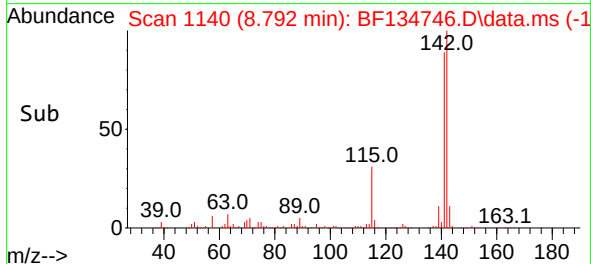
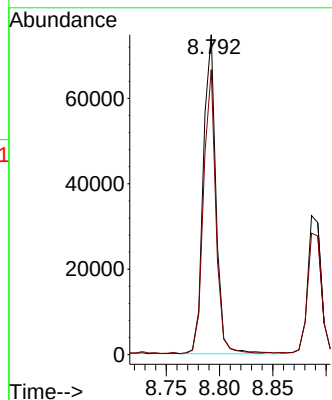
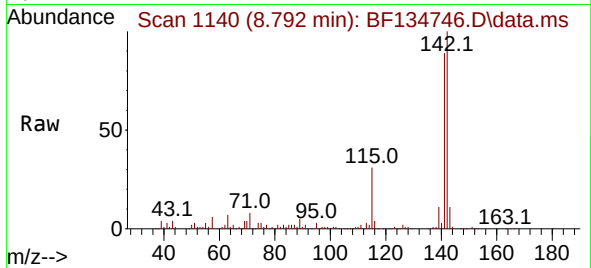




#37
2-Methylnaphthalene
Concen: 2.326 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

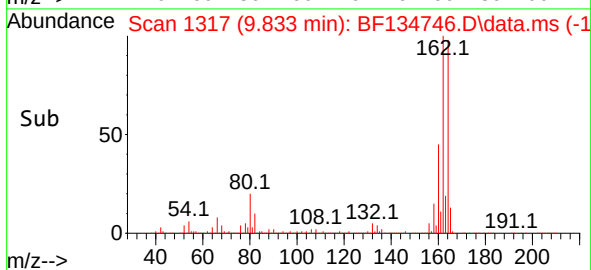
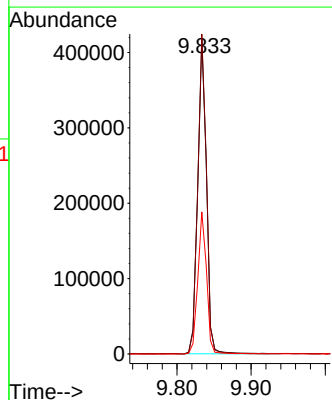
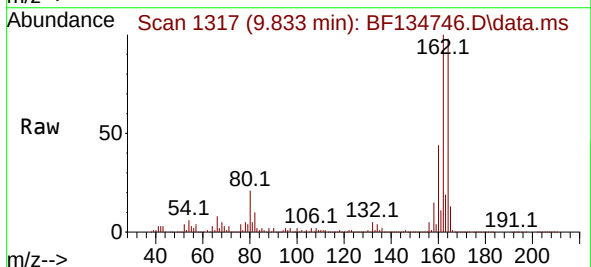
Instrument :
BNA_F
ClientSampleId :
B-PP041A

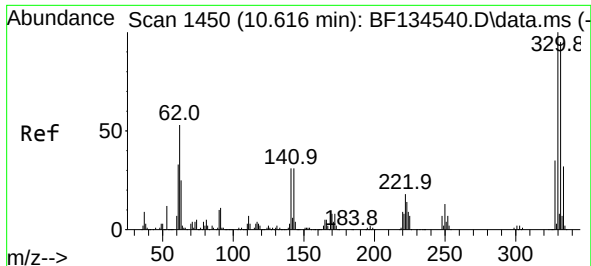
Tgt Ion:142 Resp: 61605
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

Tgt Ion:164 Resp: 340397
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 45.1 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 28.163 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

Instrument :

BNA_F

ClientSampleId :

B-PP041A

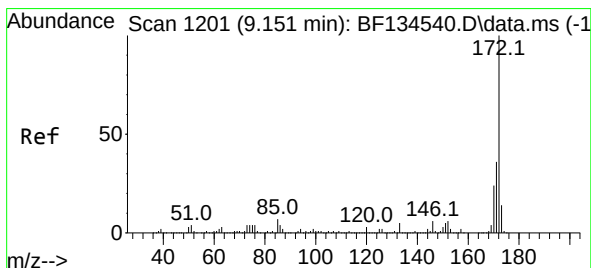
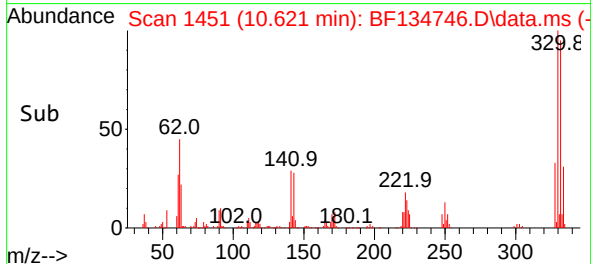
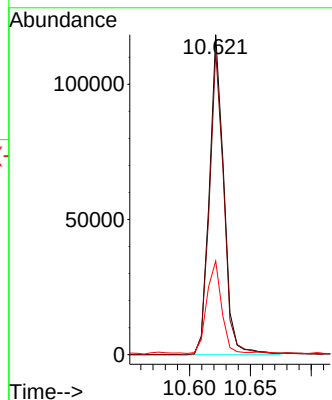
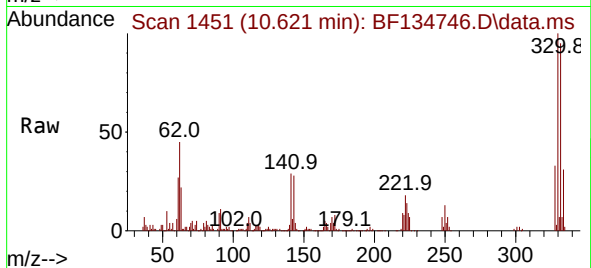
Tgt Ion:330 Resp: 97725

Ion Ratio Lower Upper

330 100

332 95.5 78.8 118.2

141 29.3 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 61.215 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

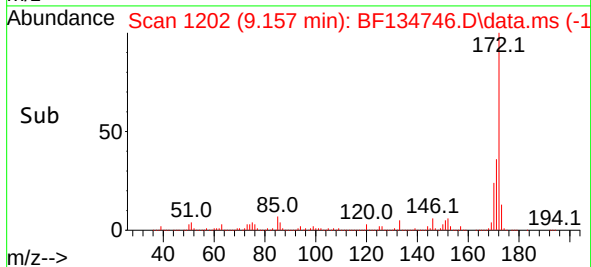
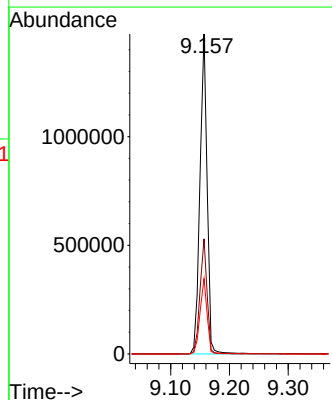
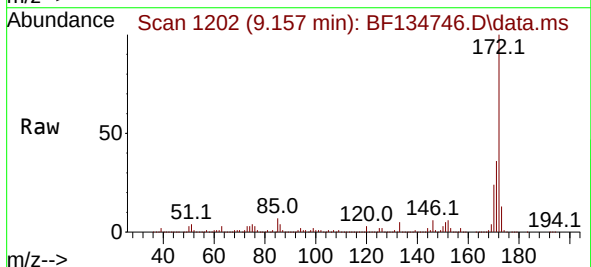
Tgt Ion:172 Resp: 1253225

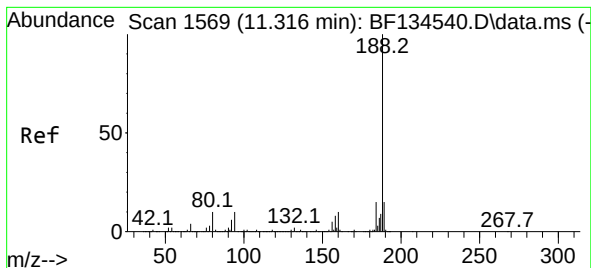
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

Instrument :

BNA_F

ClientSampleId :

B-PP041A

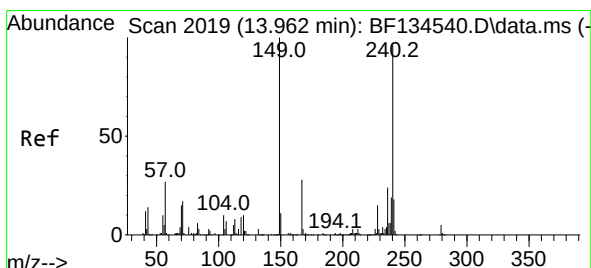
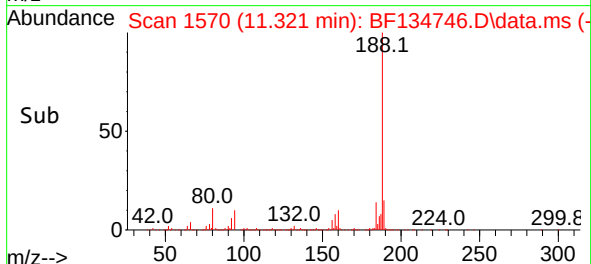
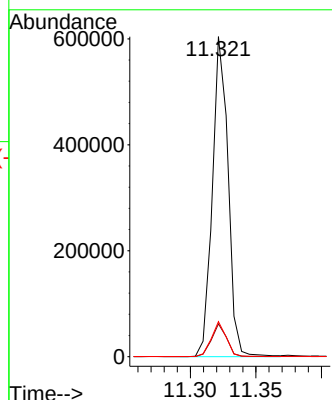
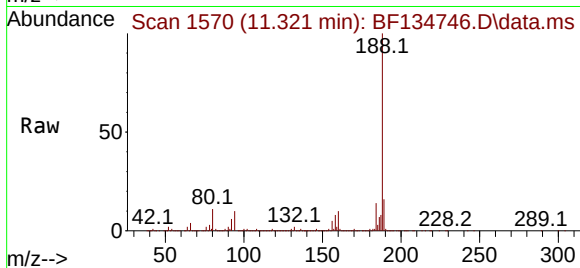
Tgt Ion:188 Resp: 504127

Ion Ratio Lower Upper

188 100

94 10.3 5.1 7.7#

80 11.0 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

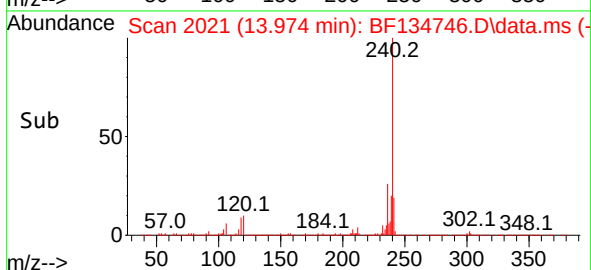
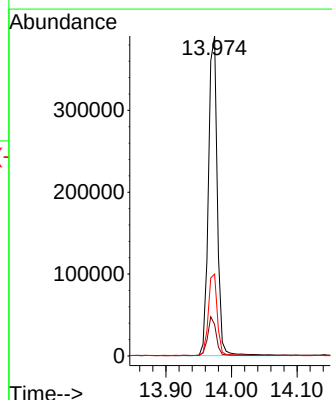
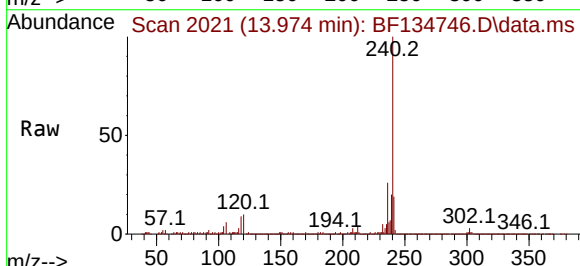
Tgt Ion:240 Resp: 368314

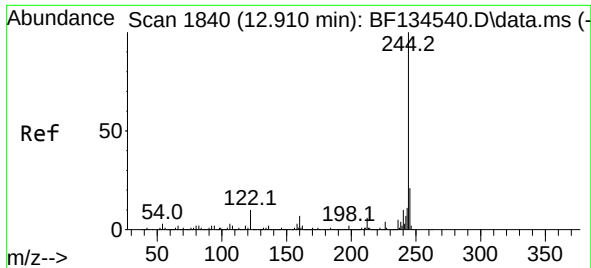
Ion Ratio Lower Upper

240 100

120 9.8 6.6 10.0

236 25.6 20.2 30.2

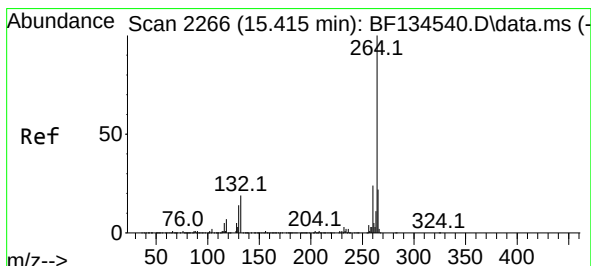
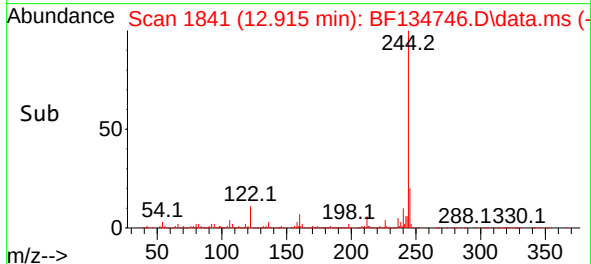
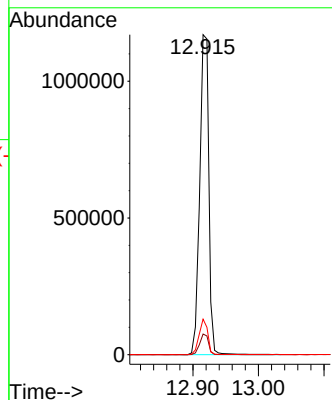
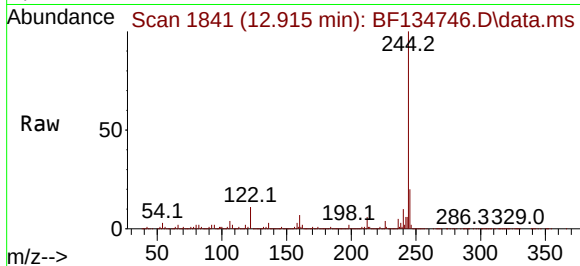




#79
 Terphenyl-d14
 Concen: 54.282 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134746.D
 Acq: 11 Aug 2023 22:28

Instrument :
 BNA_F
 ClientSampleId :
 B-PP041A

Tgt Ion:244 Resp: 1134116
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 11.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF134746.D
 Acq: 11 Aug 2023 22:28

Tgt Ion:264 Resp: 271460
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.4 27.6
 265 22.9 15.8 23.8

