

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
 Data File : BF134790.D
 Acq On : 15 Aug 2023 18:18
 Operator : CG\JU
 Sample : 04017-03 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-081423-B

Quant Time: Aug 16 03:13:04 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	169999	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	642239	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	317942	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	481140	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	368634	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	287598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	47848	4.278	ng	-0.01
7) Phenol-d6	6.422	99	59567	4.167	ng	-0.02
23) Nitrobenzene-d5	7.351	82	33039	3.215	ng	-0.02
42) 2,4,6-Tribromophenol	10.621	330	12800	3.949	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	75542	3.951	ng	-0.01
79) Terphenyl-d14	12.910	244	70208	3.357	ng	-0.01

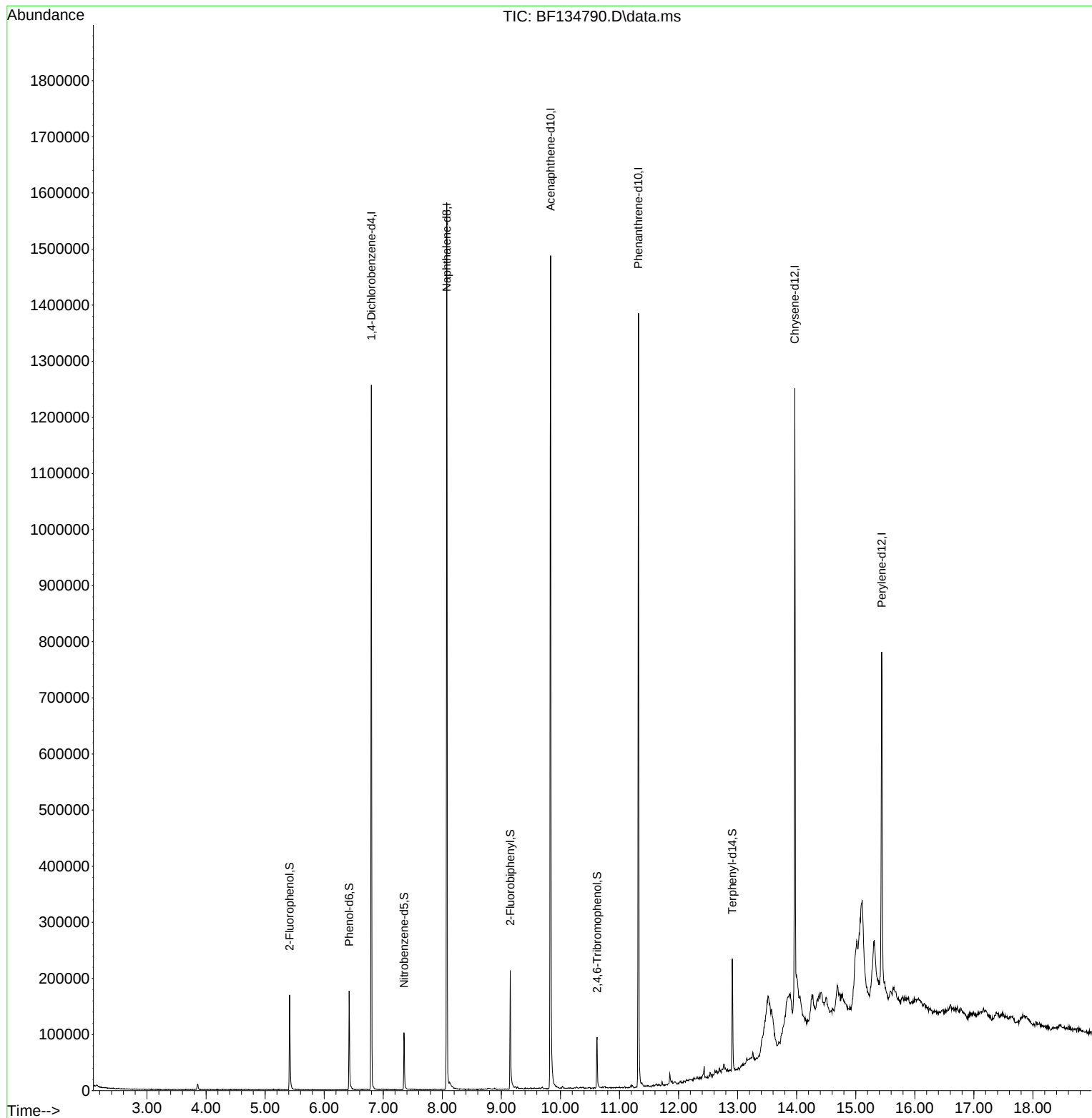
Target Compounds	Qvalue

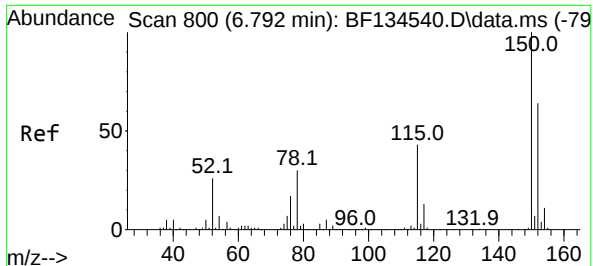
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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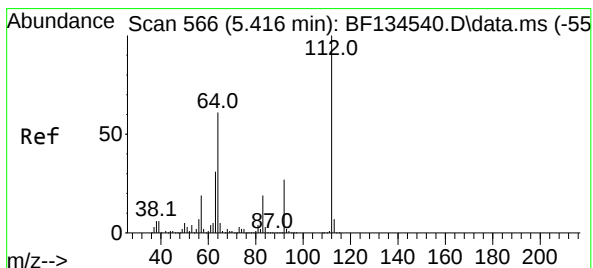
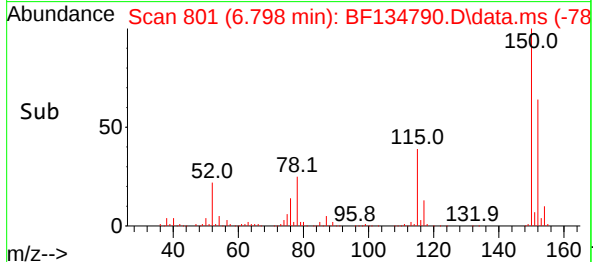
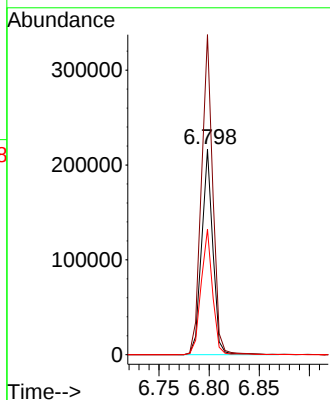
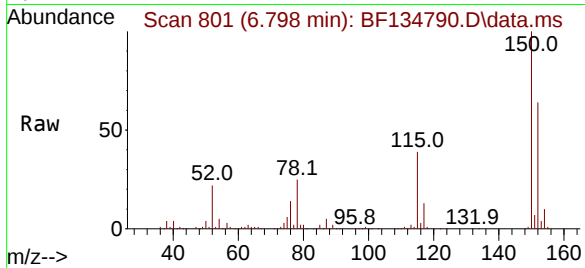




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134790.D
Acq: 15 Aug 2023 18:18

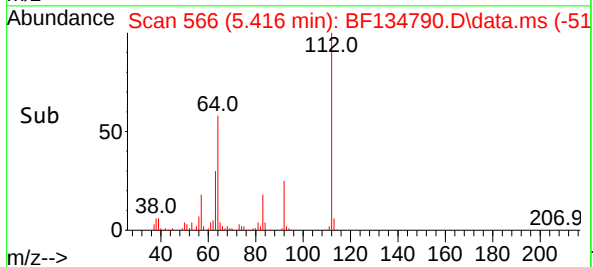
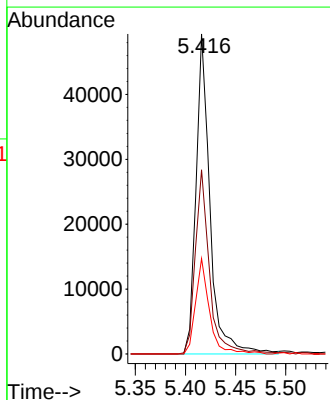
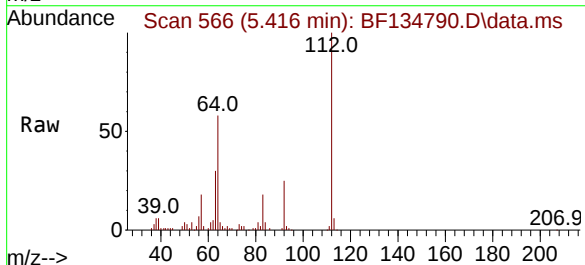
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B

Tgt Ion:152 Resp: 169999
Ion Ratio Lower Upper
152 100
150 155.8 128.3 192.5
115 61.1 52.4 78.6



#5
2-Fluorophenol
Concen: 4.278 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134790.D
Acq: 15 Aug 2023 18:18

Tgt Ion:112 Resp: 47848
Ion Ratio Lower Upper
112 100
64 57.5 44.9 67.3
63 29.8 25.4 38.0





#7

Phenol-d6

Concen: 4.167 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF134790.D

Acq: 15 Aug 2023 18:18

Instrument :

BNA_F

ClientSampleId :

JC-03-081423-B

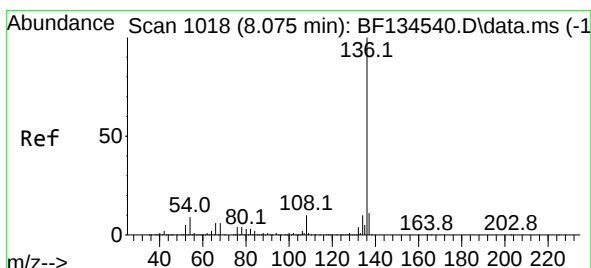
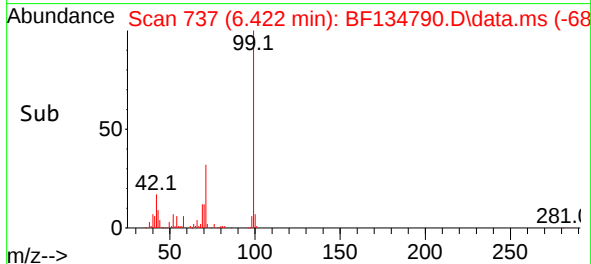
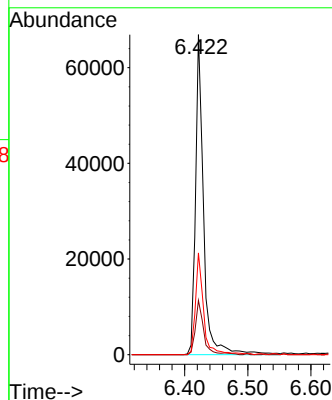
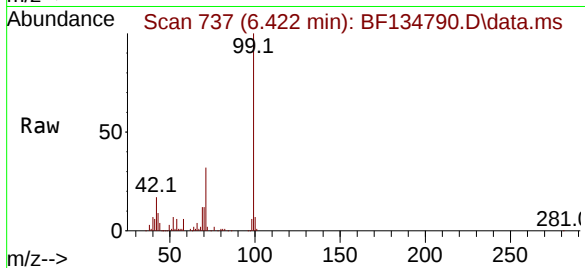
Tgt Ion: 99 Resp: 59567

Ion Ratio Lower Upper

99 100

42 17.0 18.7 28.1#

71 31.8 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: BF134790.D

Acq: 15 Aug 2023 18:18

Tgt Ion: 136 Resp: 642239

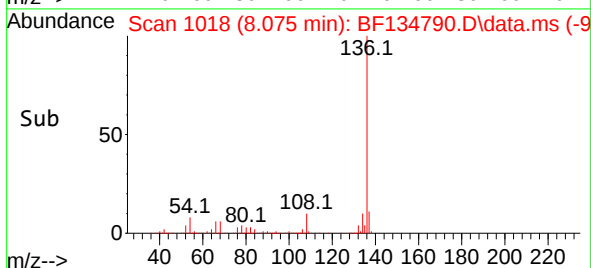
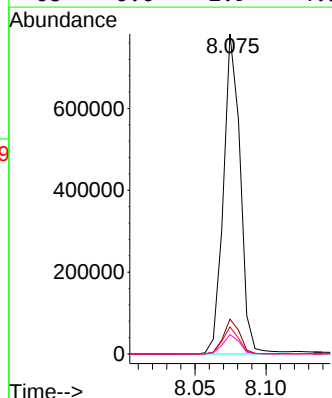
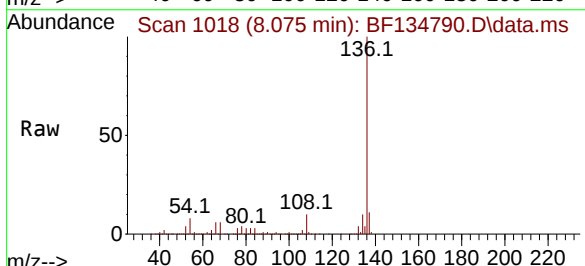
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 8.4 5.2 7.8#

68 6.0 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 3.215 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF134790.D

Acq: 15 Aug 2023 18:18

Instrument :

BNA_F

ClientSampleId :

JC-03-081423-B

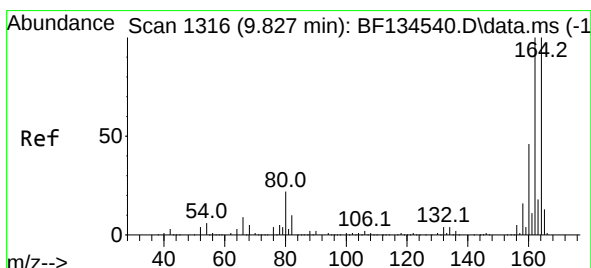
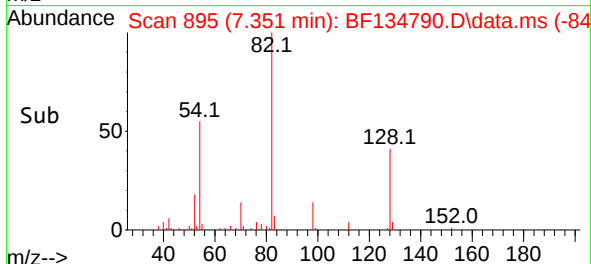
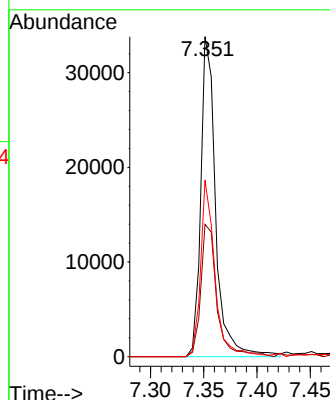
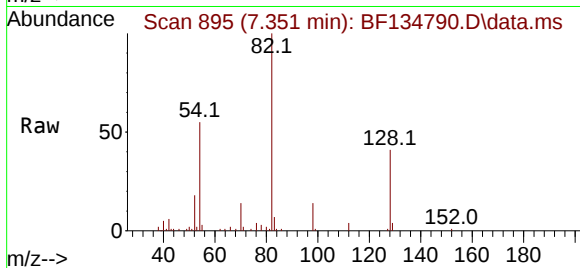
Tgt Ion: 82 Resp: 33039

Ion Ratio Lower Upper

82 100

128 41.4 34.3 51.5

54 55.2 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: BF134790.D

Acq: 15 Aug 2023 18:18

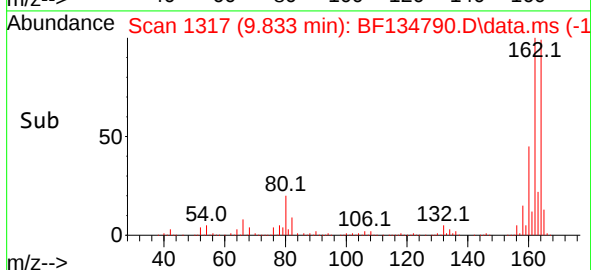
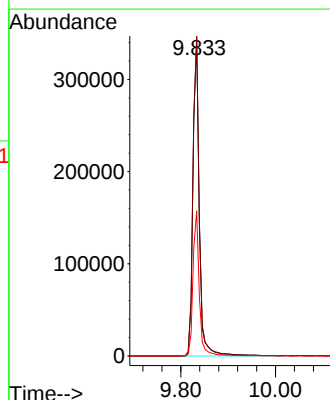
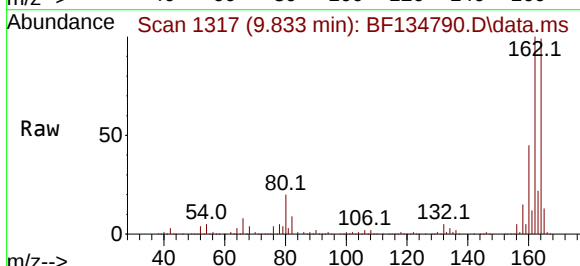
Tgt Ion: 164 Resp: 317942

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

160 45.7 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 3.949 ng

RT: 10.621 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF134790.D

Acq: 15 Aug 2023 18:18

Instrument :

BNA_F

ClientSampleId :

JC-03-081423-B

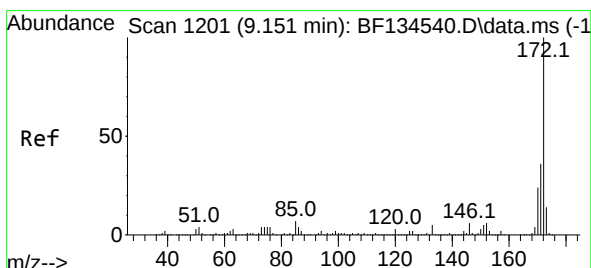
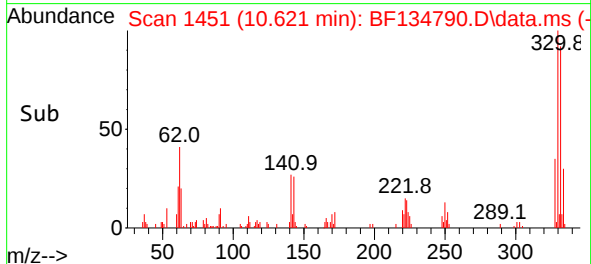
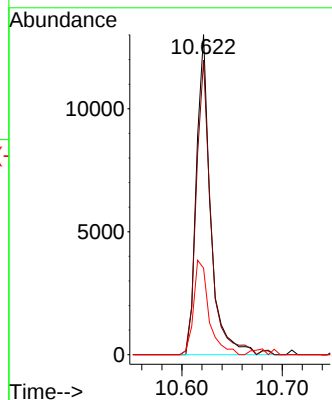
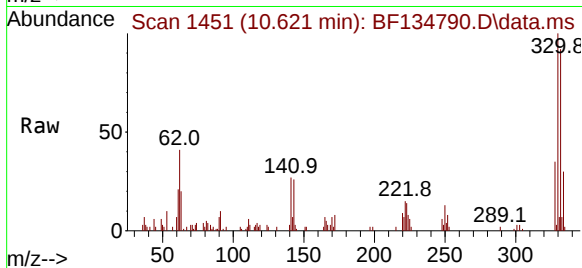
Tgt Ion:330 Resp: 12800

Ion Ratio Lower Upper

330 100

332 94.9 78.8 118.2

141 31.8 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 3.951 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134790.D

Acq: 15 Aug 2023 18:18

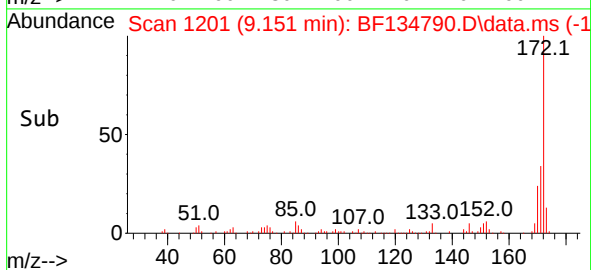
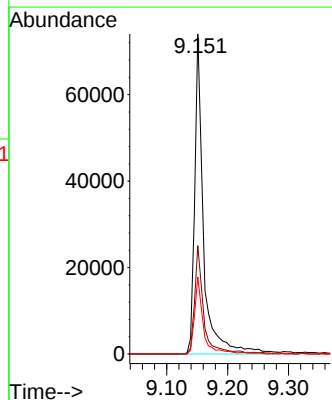
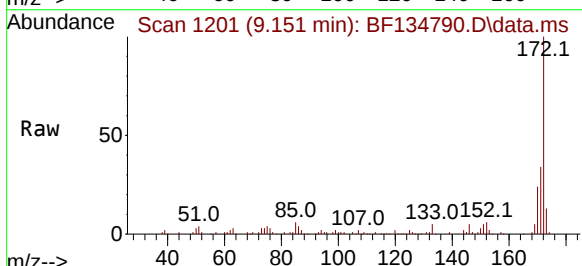
Tgt Ion:172 Resp: 75542

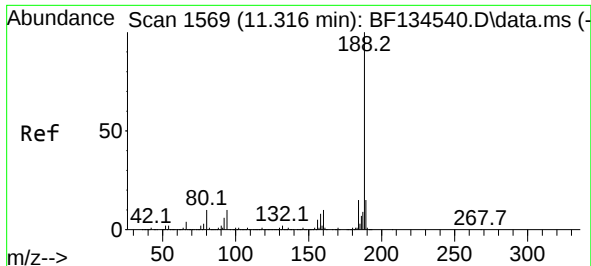
Ion Ratio Lower Upper

172 100

171 33.8 28.8 43.2

170 24.1 18.7 28.1

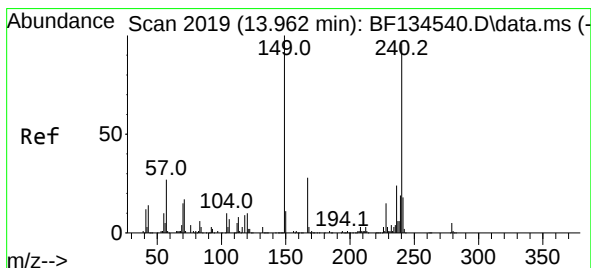
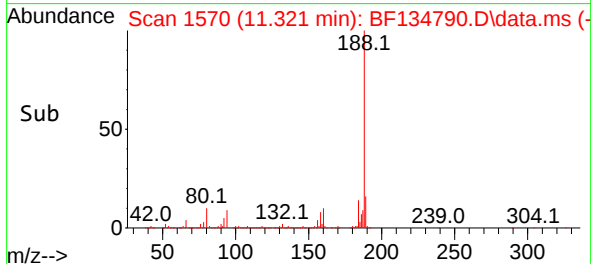
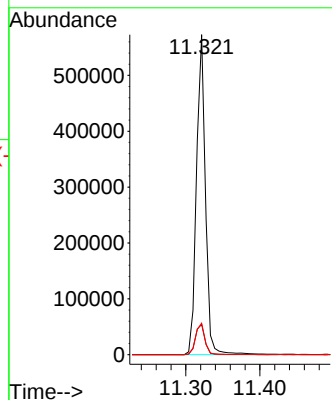
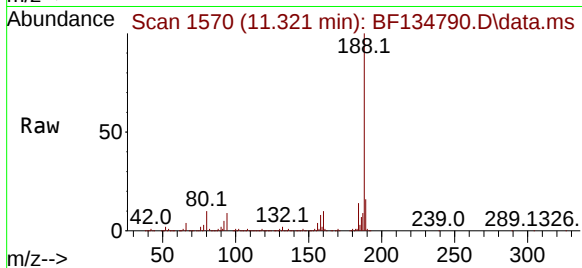




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134790.D
Acq: 15 Aug 2023 18:18

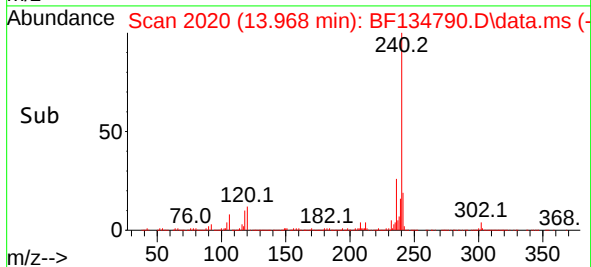
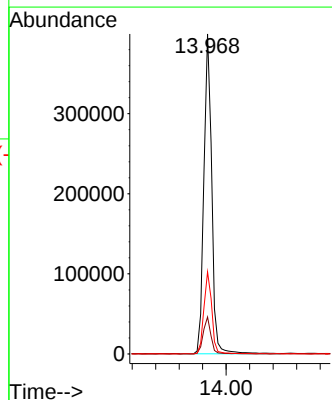
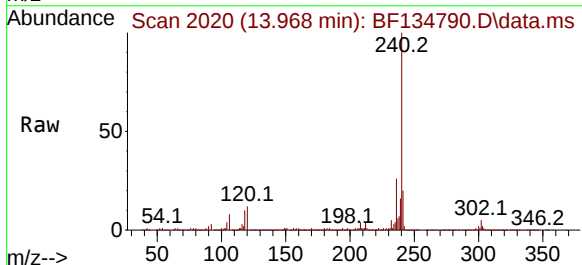
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-B

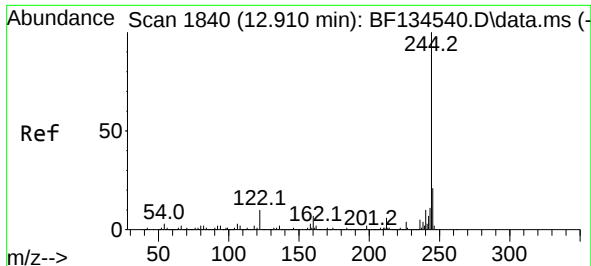
Tgt Ion:188 Resp: 481140
Ion Ratio Lower Upper
188 100
94 9.5 5.1 7.7#
80 9.9 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134790.D
Acq: 15 Aug 2023 18:18

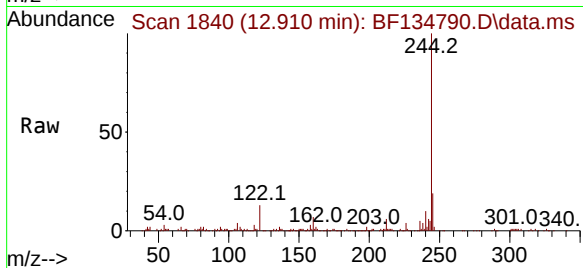
Tgt Ion:240 Resp: 368634
Ion Ratio Lower Upper
240 100
120 11.6 6.6 10.0#
236 25.6 20.2 30.2



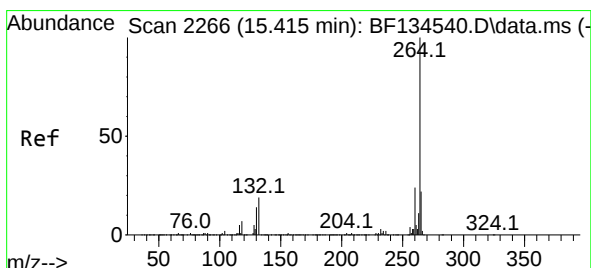
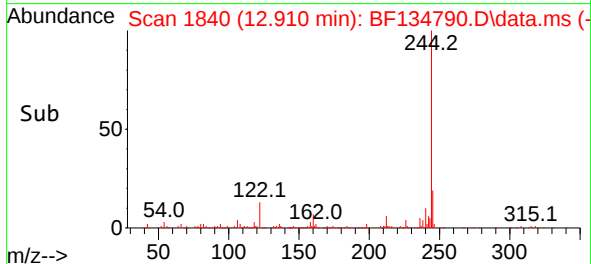
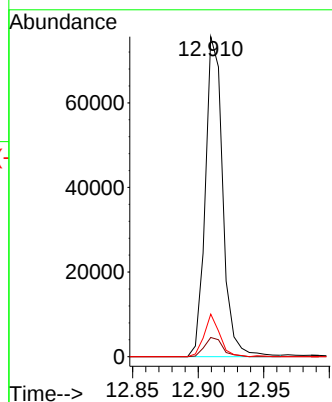


#79
 Terphenyl-d14
 Concen: 3.357 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134790.D
 Acq: 15 Aug 2023 18:18

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-081423-B



Tgt Ion:244 Resp: 70208
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.6 8.4
 122 13.3 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: BF134790.D
 Acq: 15 Aug 2023 18:18

Tgt Ion:264 Resp: 287598
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 20.7 15.8 23.8

