

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
 Data File : BF134646.D
 Acq On : 07 Aug 2023 10:52
 Operator : CG\JU
 Sample : 03891-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Aug 08 01:19:44 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	6.798	152	367738	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	1432540	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	706410	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	1282727	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	782475	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	833725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1153223	47.670	ng	0.00
7) Phenol-d6	6.434	99	1442024	46.631	ng	0.00
23) Nitrobenzene-d5	7.357	82	855168	37.306	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	366448	50.887	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1381201	32.510	ng	-0.01
79) Terphenyl-d14	12.915	244	1436412	32.361	ng	0.00

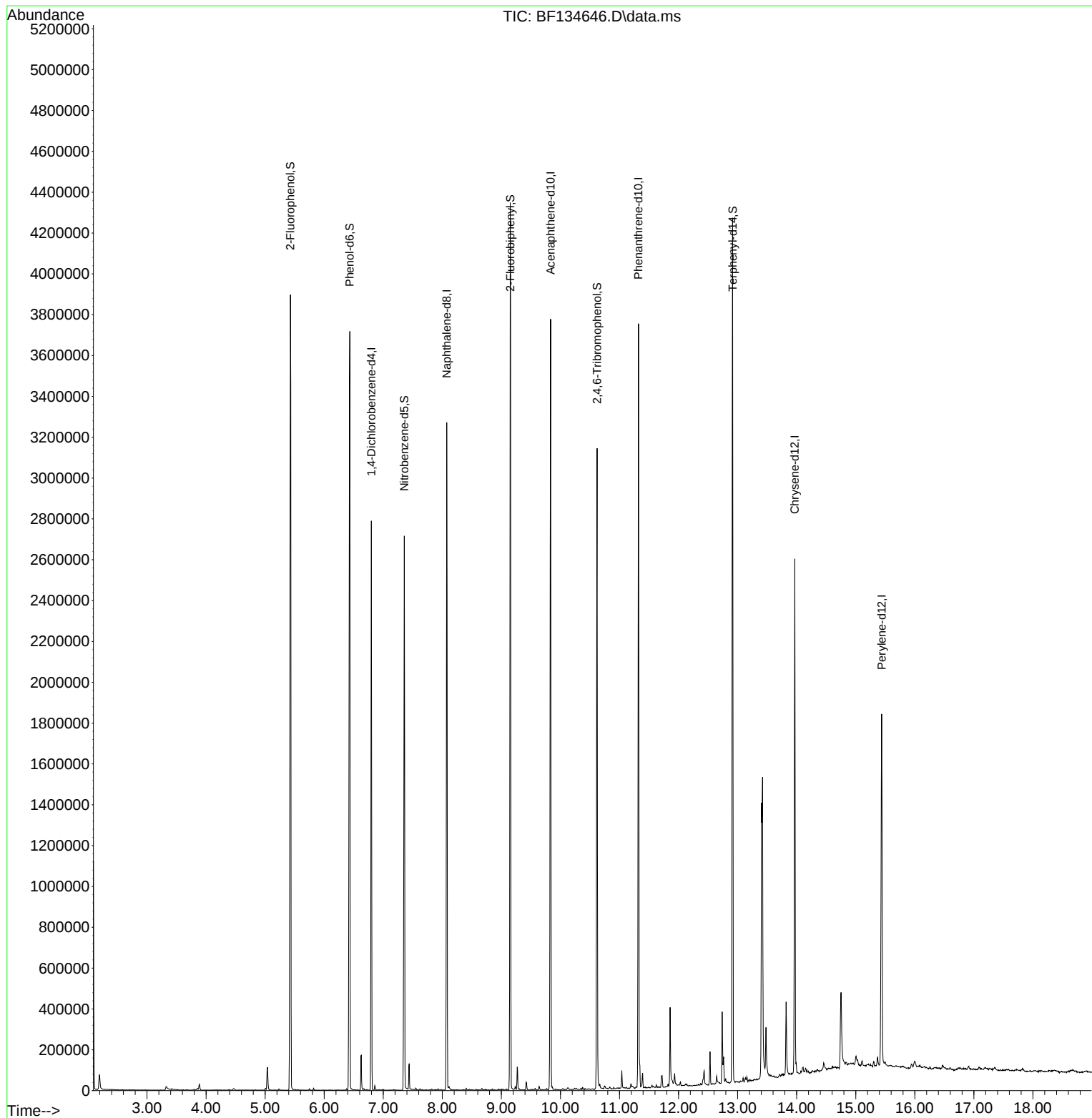
Target Compounds	Qvalue

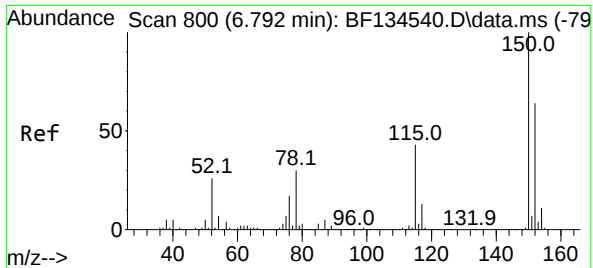
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134646.D
Acq On : 07 Aug 2023 10:52
Operator : CG\JU
Sample : 03891-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Aug 08 01:19:44 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

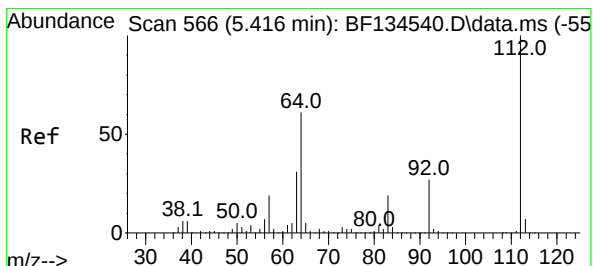
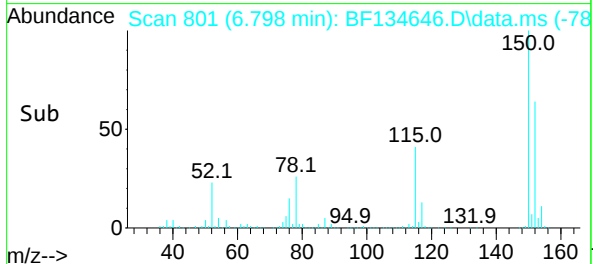
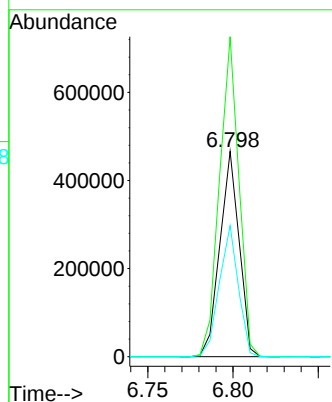
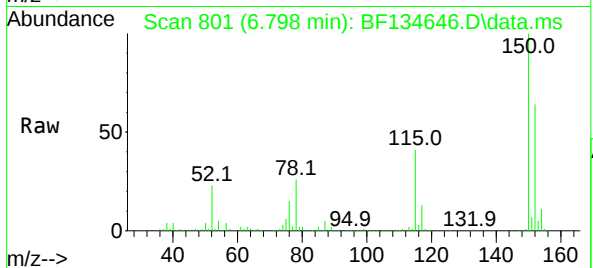




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF134646.D
Acq: 07 Aug 2023 10:52

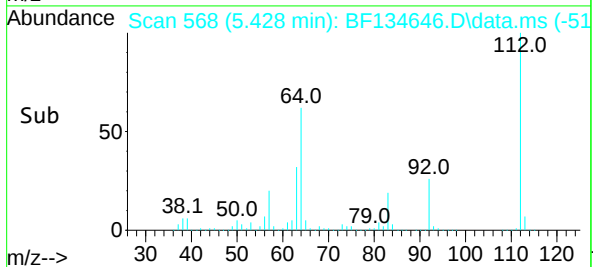
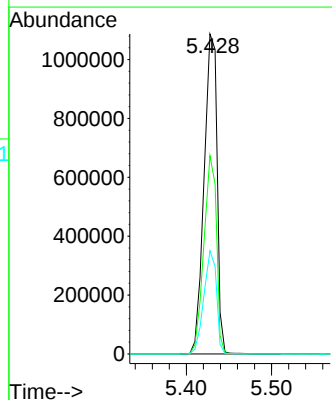
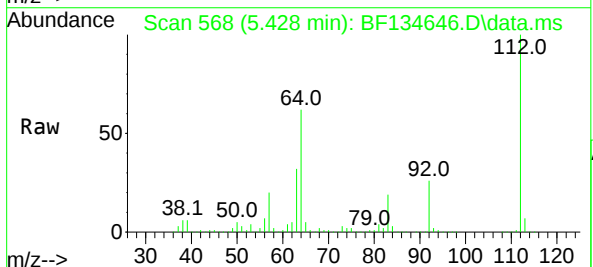
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 367738
Ion Ratio Lower Upper
152 100
150 155.9 128.3 192.5
115 63.8 52.4 78.6



#5
2-Fluorophenol
Concen: 47.670 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF134646.D
Acq: 07 Aug 2023 10:52

Tgt Ion:112 Resp: 1153223
Ion Ratio Lower Upper
112 100
64 62.0 44.9 67.3
63 32.2 25.4 38.0





#7

Phenol-d6

Concen: 46.631 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134646.D

Acq: 07 Aug 2023 10:52

Instrument :

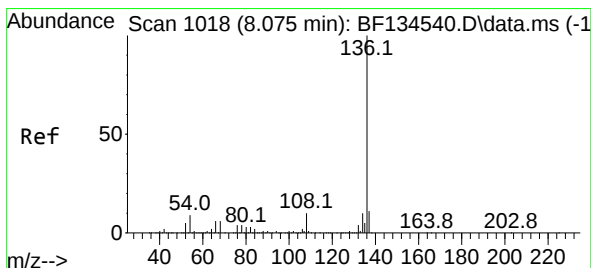
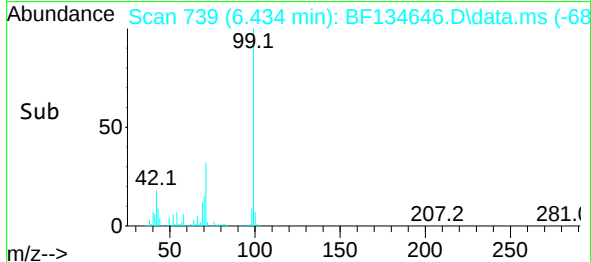
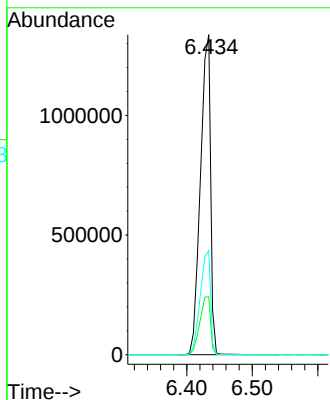
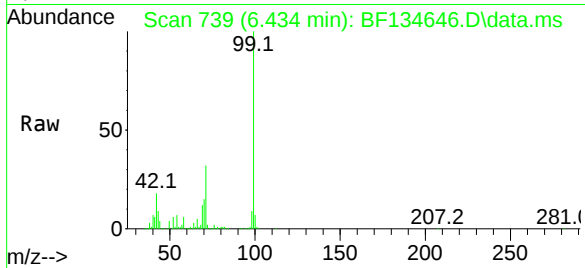
BNA_F

ClientSampleId :

TP-3

Tgt Ion: 99 Resp: 1442024

Ion	Ratio	Lower	Upper
99	100		
42	18.0	18.7	28.1#
71	32.5	36.4	54.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

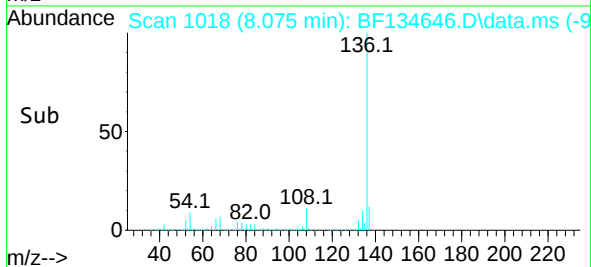
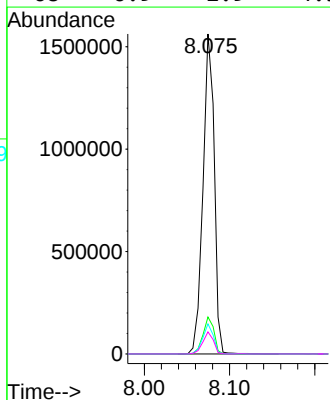
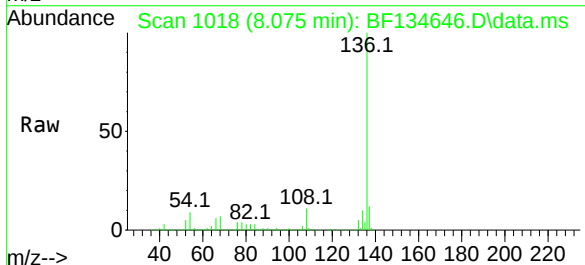
Delta R.T. -0.006 min

Lab File: BF134646.D

Acq: 07 Aug 2023 10:52

Tgt Ion: 136 Resp: 1432540

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	9.4	5.2	7.8#
68	6.9	2.9	4.3#





#23

Nitrobenzene-d5

Concen: 37.306 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134646.D

Acq: 07 Aug 2023 10:52

Instrument :

BNA_F

ClientSampleId :

TP-3

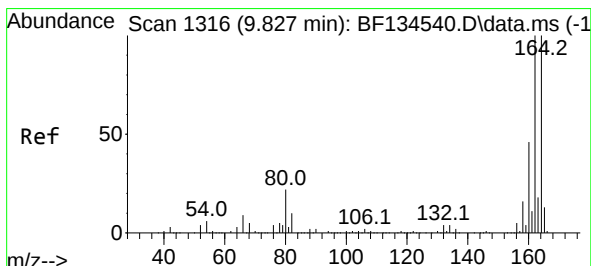
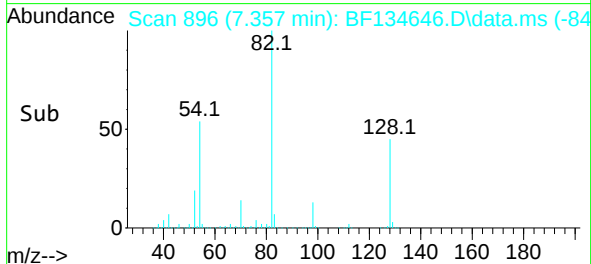
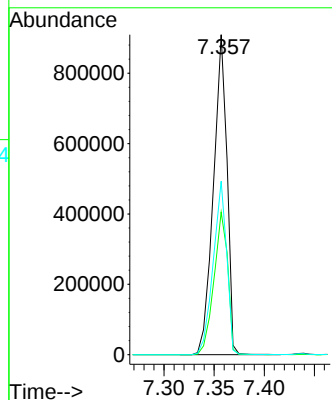
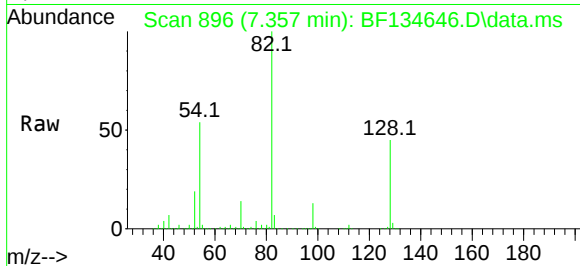
Tgt Ion: 82 Resp: 855168

Ion Ratio Lower Upper

82 100

128 44.6 34.3 51.5

54 54.2 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: BF134646.D

Acq: 07 Aug 2023 10:52

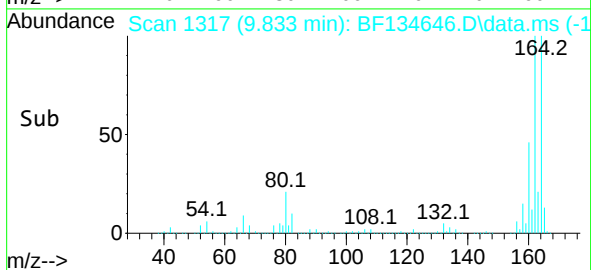
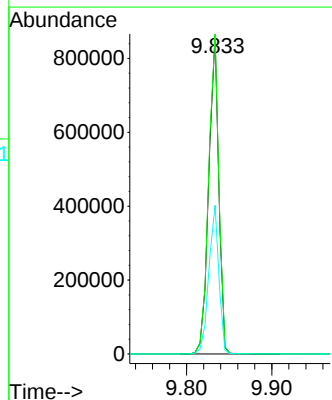
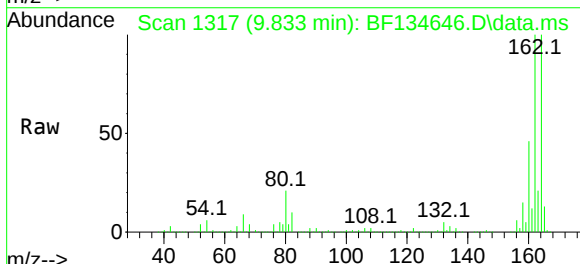
Tgt Ion:164 Resp: 706410

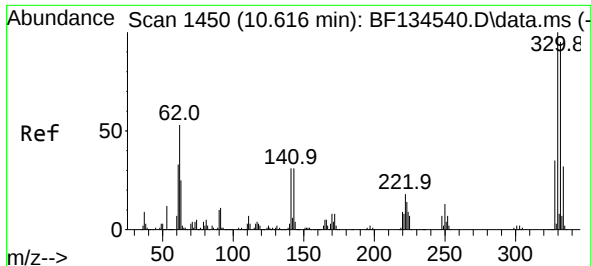
Ion Ratio Lower Upper

164 100

162 100.5 82.6 123.8

160 46.7 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 50.887 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134646.D

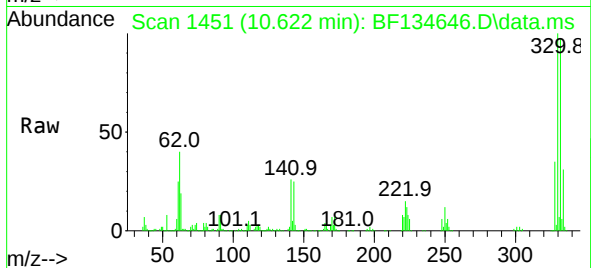
Acq: 07 Aug 2023 10:52

Instrument :

BNA_F

ClientSampleId :

TP-3



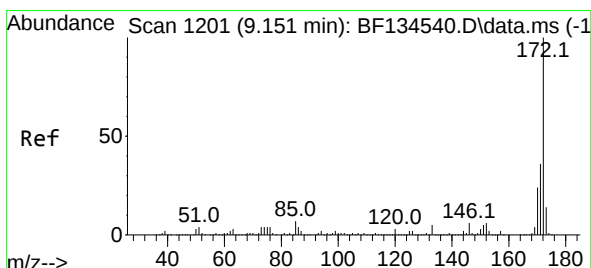
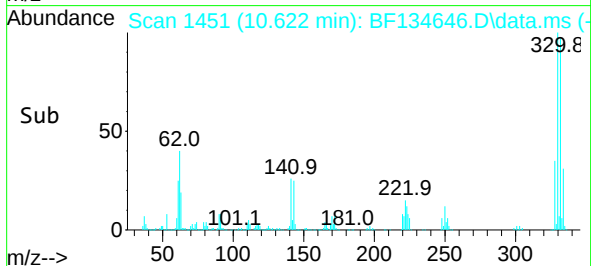
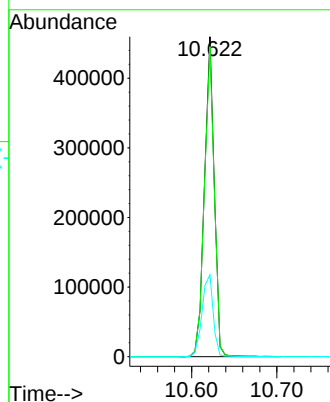
Tgt Ion:330 Resp: 366448

Ion Ratio Lower Upper

330 100

332 98.3 78.8 118.2

141 29.4 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 32.510 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134646.D

Acq: 07 Aug 2023 10:52

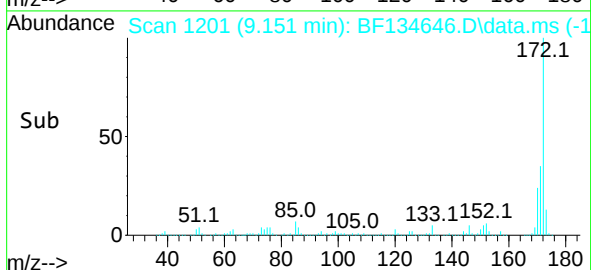
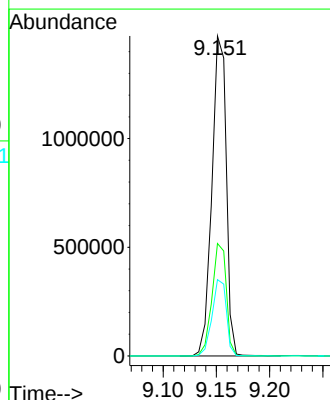
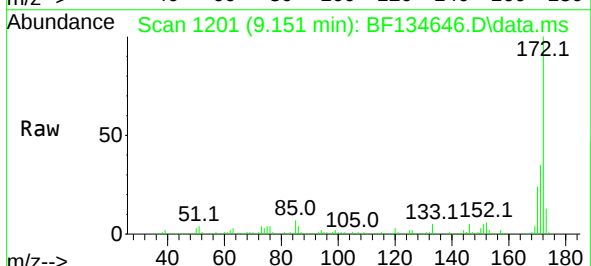
Tgt Ion:172 Resp: 1381201

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.8 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: BF134646.D

Acq: 07 Aug 2023 10:52

Instrument :

BNA_F

ClientSampleId :

TP-3

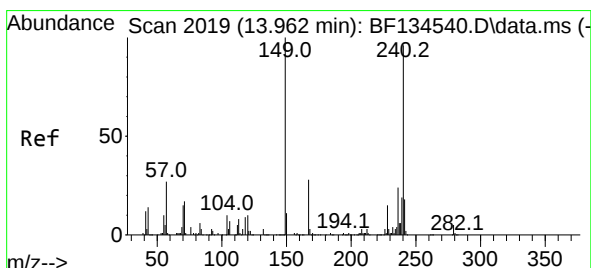
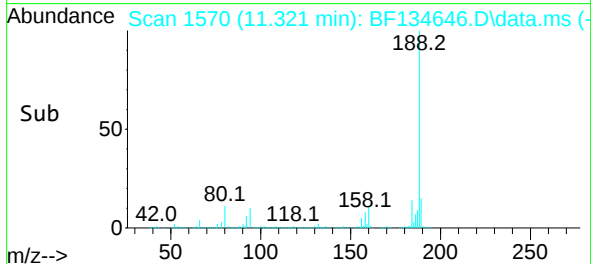
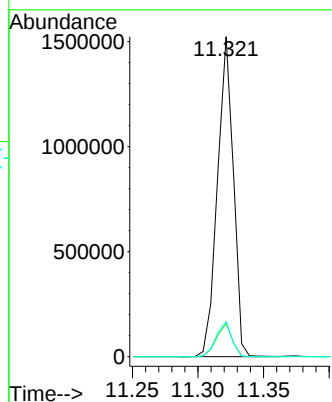
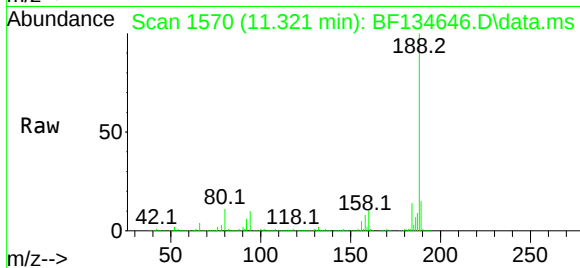
Tgt Ion:188 Resp: 1282727

Ion Ratio Lower Upper

188 100

94 10.4 5.1 7.7#

80 10.9 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: BF134646.D

Acq: 07 Aug 2023 10:52

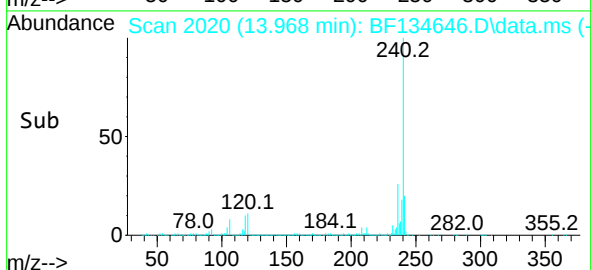
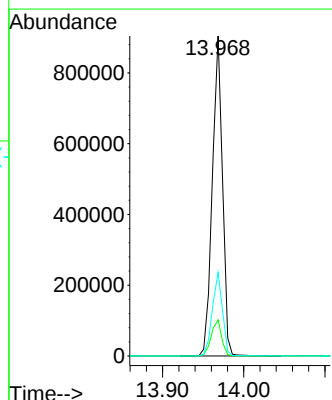
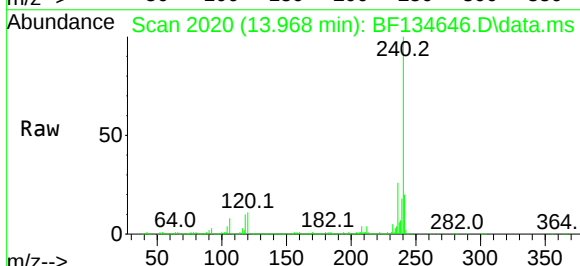
Tgt Ion:240 Resp: 782475

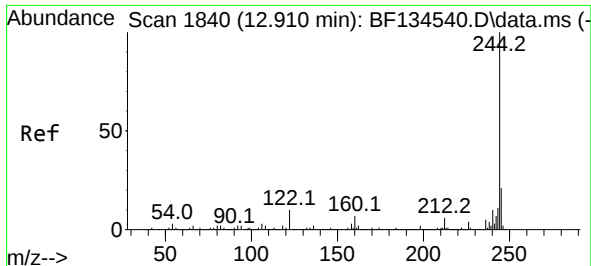
Ion Ratio Lower Upper

240 100

120 11.3 6.6 10.0#

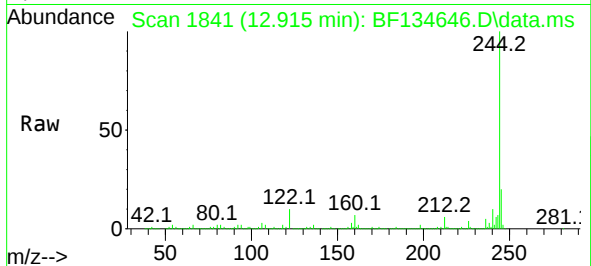
236 26.1 20.2 30.2



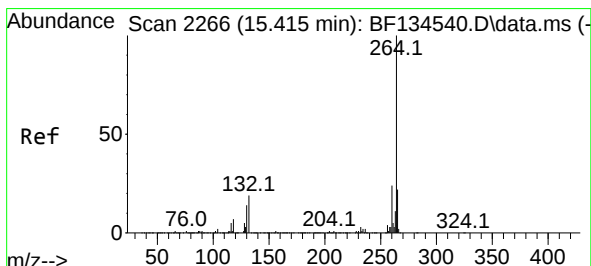
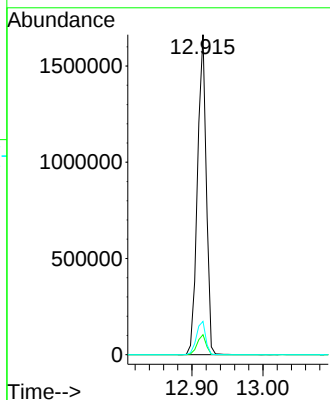
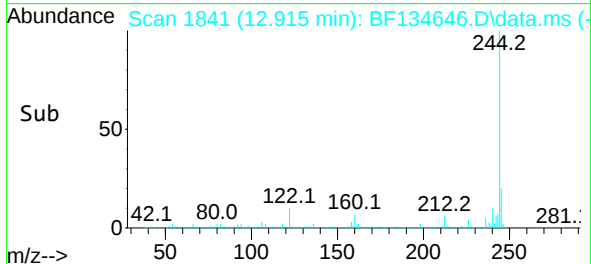


#79
 Terphenyl-d14
 Concen: 32.361 ng
 RT: 12.915 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134646.D
 Acq: 07 Aug 2023 10:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-3



Tgt Ion:244 Resp: 1436412
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 10.4 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: BF134646.D
 Acq: 07 Aug 2023 10:52

Tgt Ion:264 Resp: 833725
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.4 27.6
 265 22.0 15.8 23.8

