

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134549.D
 Acq On : 01 Aug 2023 15:37
 Operator : CG\JU
 Sample : 03810-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P7B

Quant Time: Aug 02 02:43:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	128279	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	509412	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	244974	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	437346	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	252209	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	230675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	840518	99.601	ng	0.00
7) Phenol-d6	6.416	99	1044802	96.853	ng	-0.01
23) Nitrobenzene-d5	7.345	82	573934	70.408	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	226946	90.877	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1024079	69.507	ng	0.00
79) Terphenyl-d14	12.904	244	901121	62.986	ng	0.00

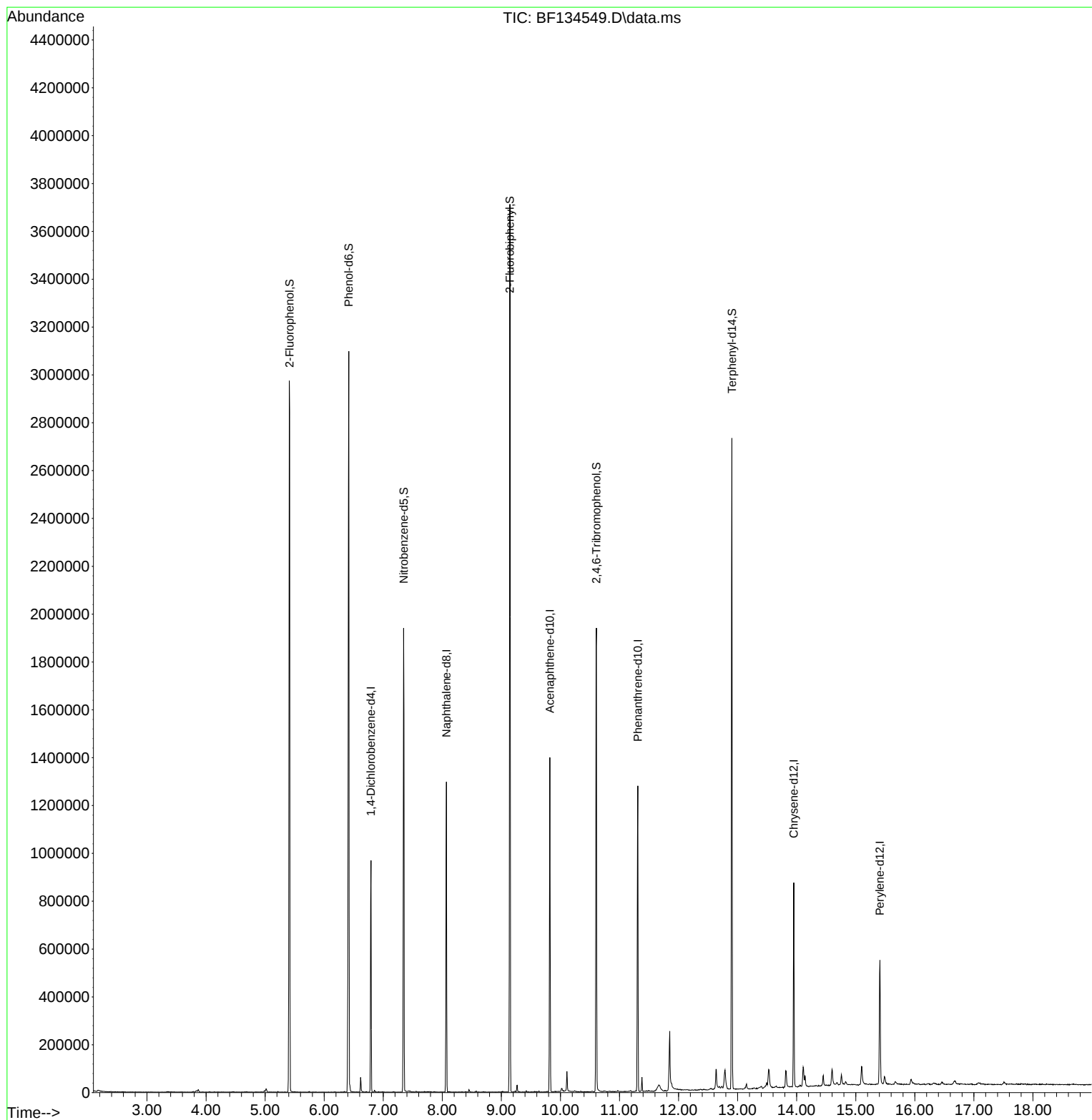
Target Compounds	Qvalue

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

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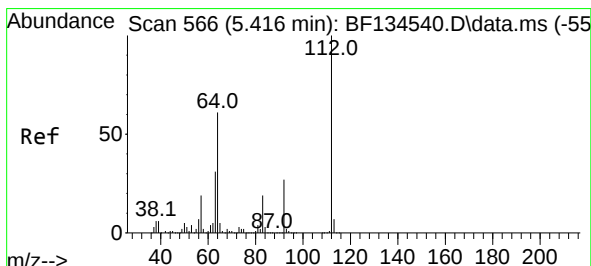
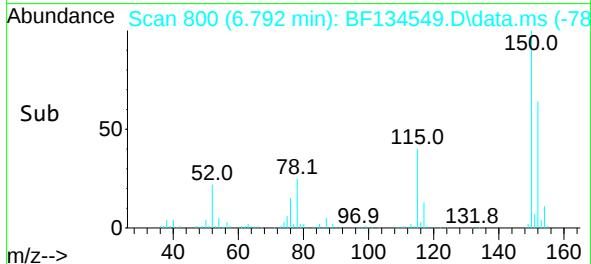
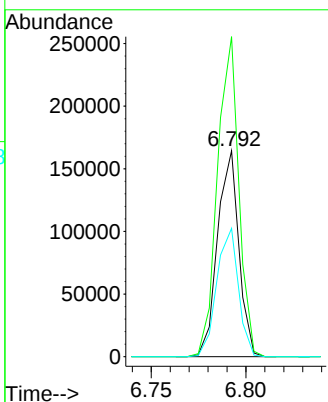
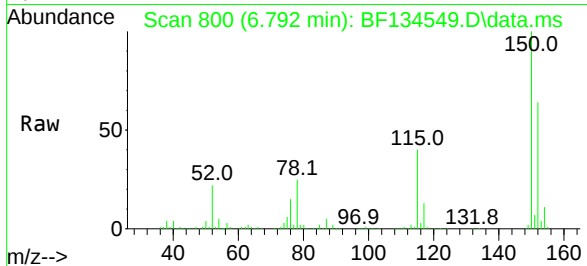




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

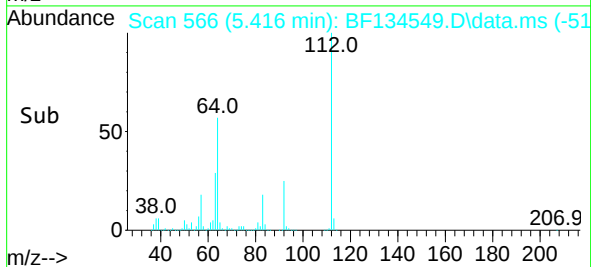
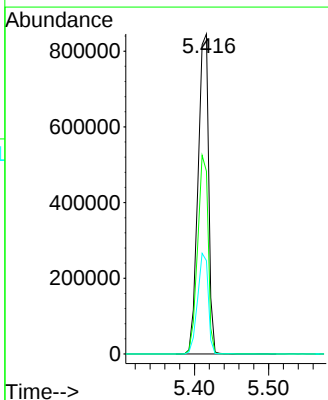
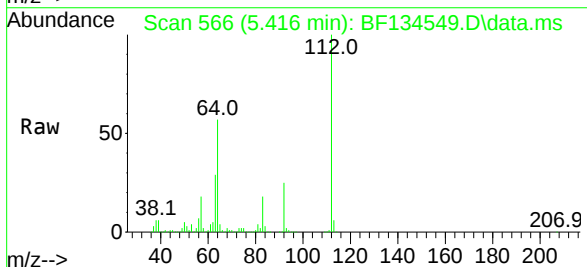
Instrument :
BNA_F
ClientSampleId :
B-P7B

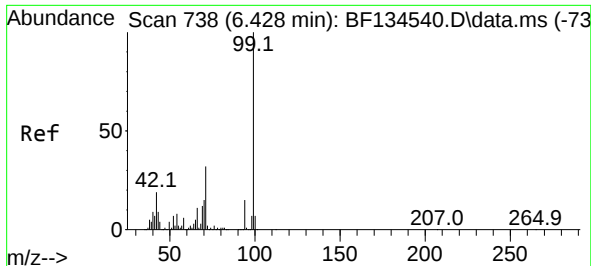
Tgt Ion:152 Resp: 128279
Ion Ratio Lower Upper
152 100
150 155.4 128.3 192.5
115 62.3 52.4 78.6



#5
2-Fluorophenol
Concen: 99.601 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

Tgt Ion:112 Resp: 840518
Ion Ratio Lower Upper
112 100
64 57.1 44.9 67.3
63 29.1 25.4 38.0

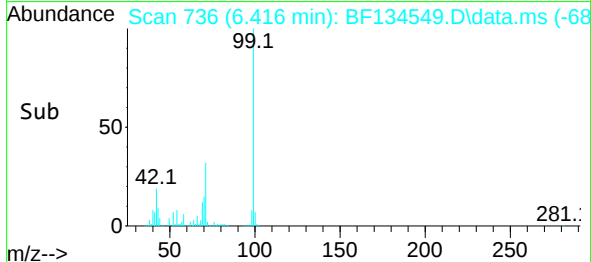
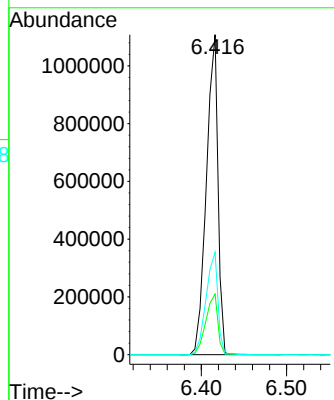
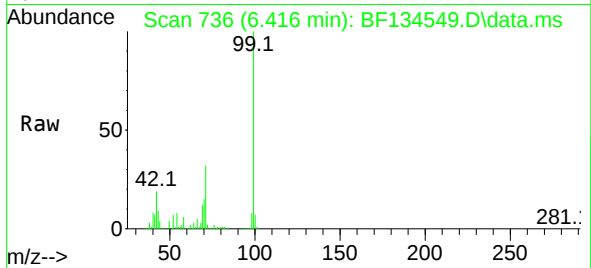




#7
Phenol-d6
Concen: 96.853 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

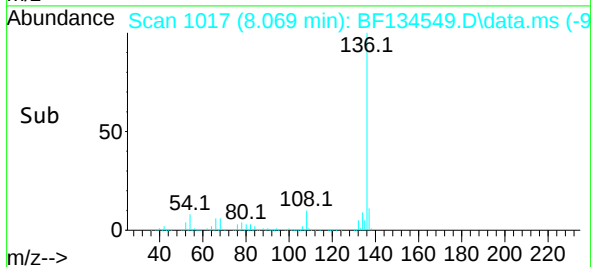
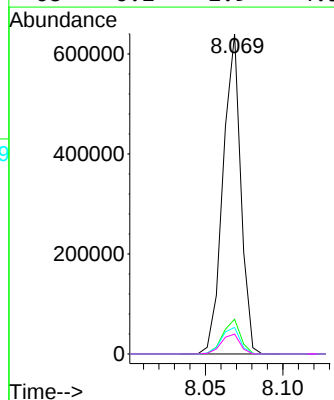
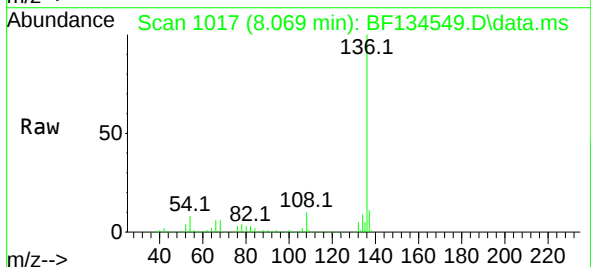
Instrument :
BNA_F
ClientSampleId :
B-P7B

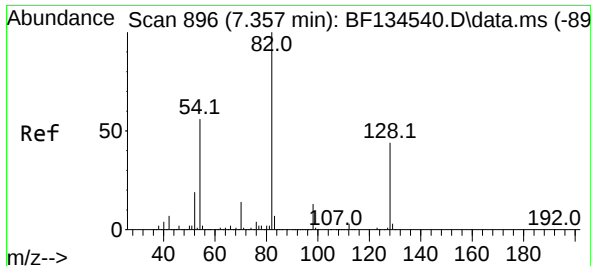
Tgt Ion: 99 Resp: 1044802
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 32.0 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

Tgt Ion: 136 Resp: 509412
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.3 5.2 7.8#
68 6.2 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 70.408 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF134549.D

Acq: 01 Aug 2023 15:37

Instrument :

BNA_F

ClientSampleId :

B-P7B

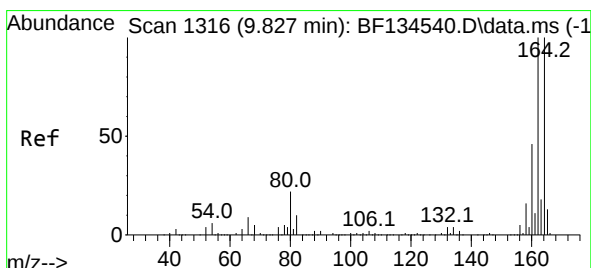
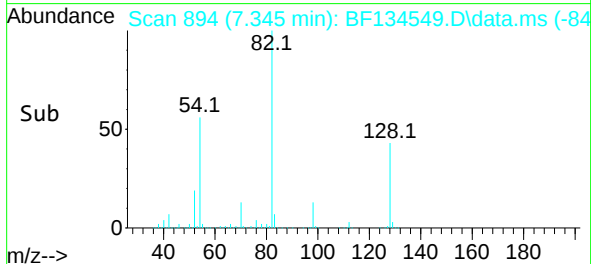
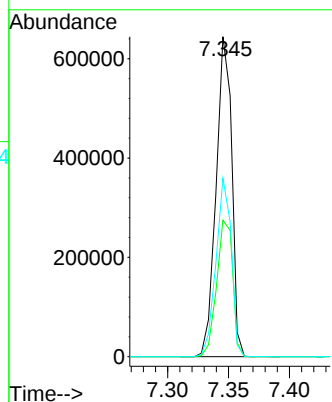
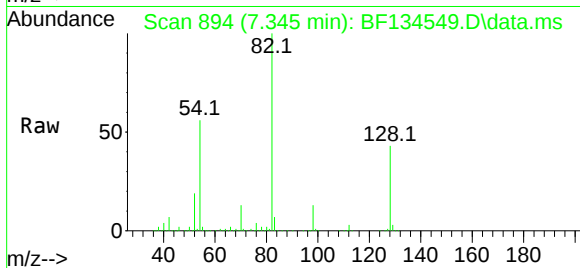
Tgt Ion: 82 Resp: 573934

Ion Ratio Lower Upper

82 100

128 42.6 34.3 51.5

54 55.7 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF134549.D

Acq: 01 Aug 2023 15:37

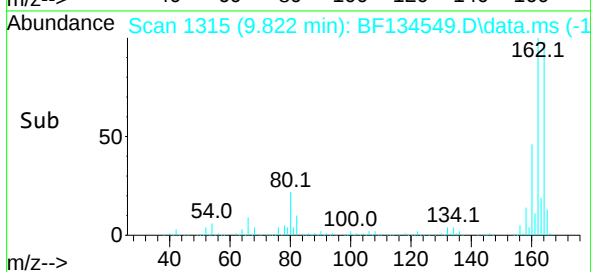
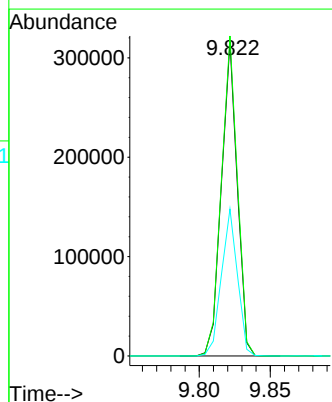
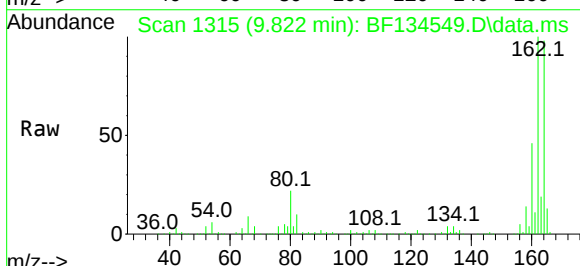
Tgt Ion: 164 Resp: 244974

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

160 46.8 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 90.877 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF134549.D

Acq: 01 Aug 2023 15:37

Instrument :

BNA_F

ClientSampleId :

B-P7B

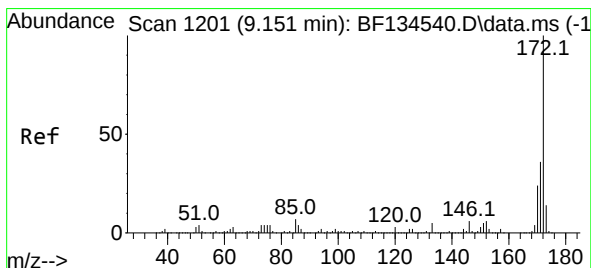
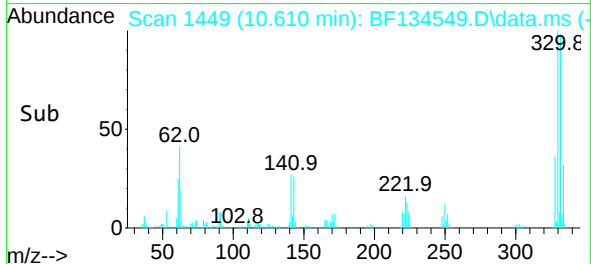
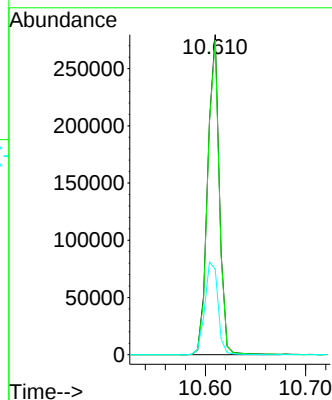
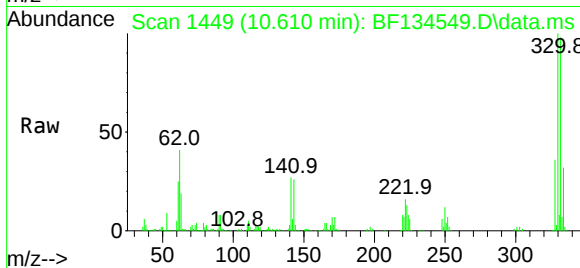
Tgt Ion:330 Resp: 226946

Ion Ratio Lower Upper

330 100

332 97.9 78.8 118.2

141 32.8 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 69.507 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF134549.D

Acq: 01 Aug 2023 15:37

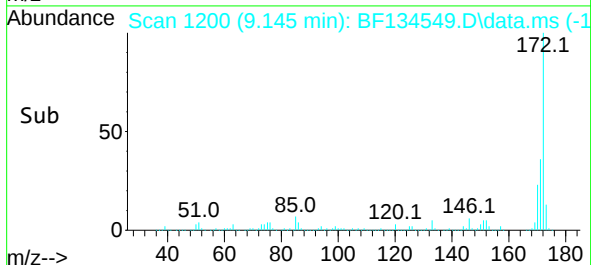
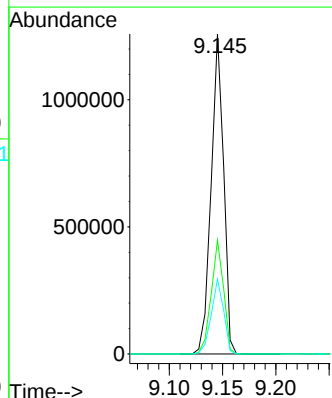
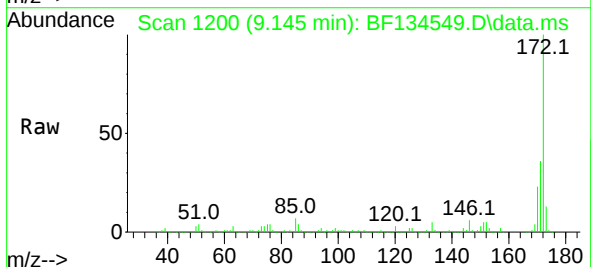
Tgt Ion:172 Resp: 1024079

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134549.D

Acq: 01 Aug 2023 15:37

Instrument :

BNA_F

ClientSampleId :

B-P7B

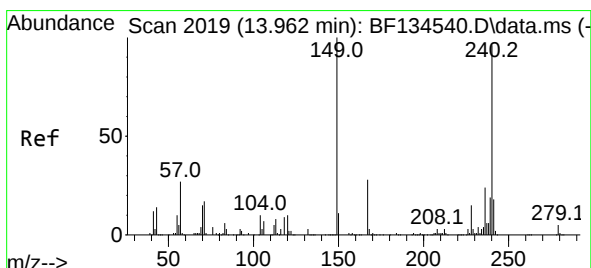
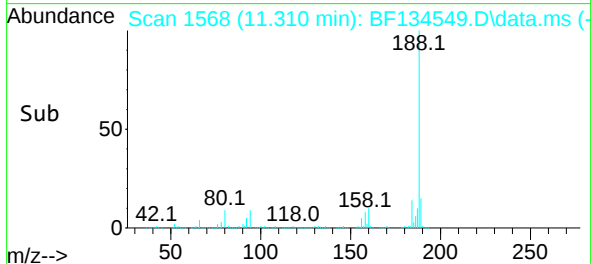
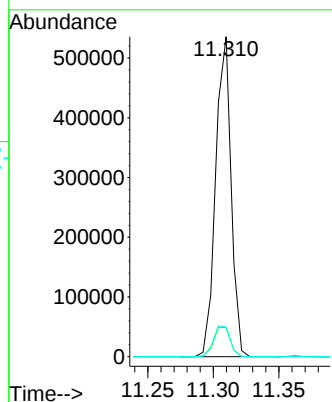
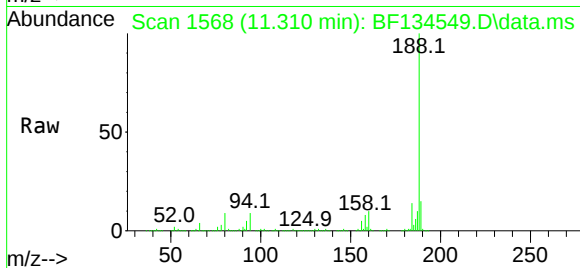
Tgt Ion:188 Resp: 437346

Ion Ratio Lower Upper

188 100

94 9.1 5.1 7.7#

80 9.3 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF134549.D

Acq: 01 Aug 2023 15:37

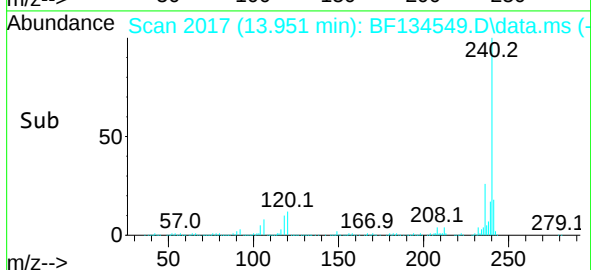
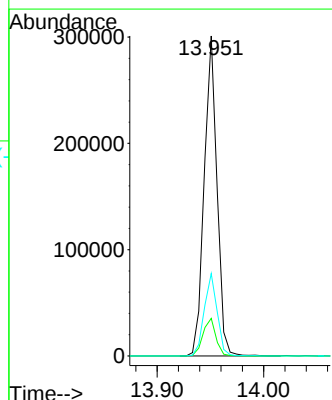
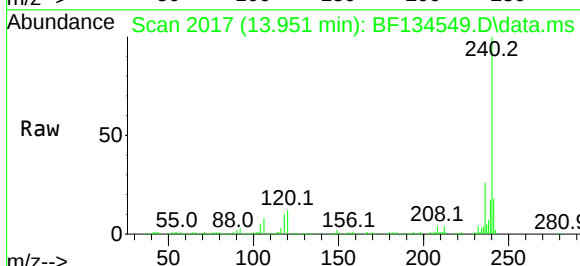
Tgt Ion:240 Resp: 252209

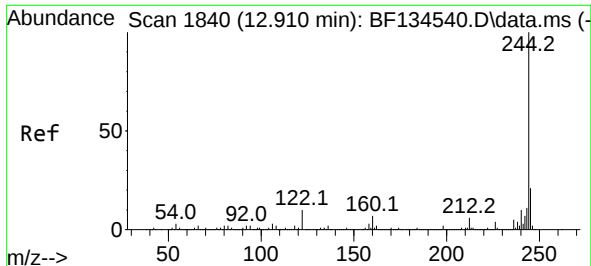
Ion Ratio Lower Upper

240 100

120 11.7 6.6 10.0#

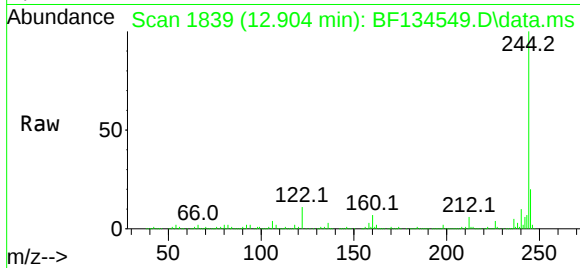
236 25.7 20.2 30.2



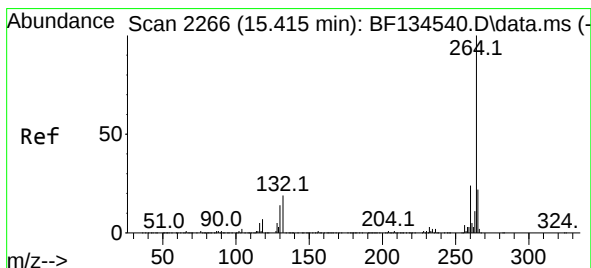
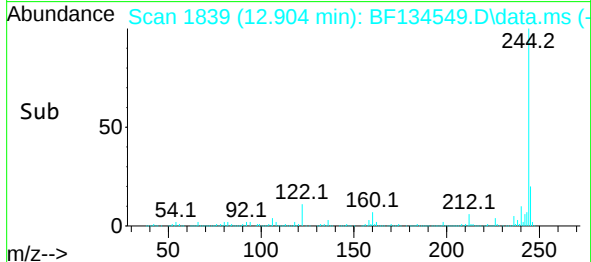
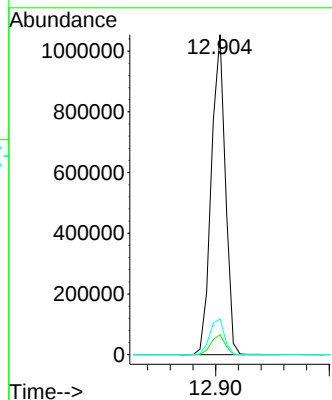


#79
 Terphenyl-d14
 Concen: 62.986 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF134549.D
 Acq: 01 Aug 2023 15:37

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 901121
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 11.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF134549.D
 Acq: 01 Aug 2023 15:37

Tgt Ion:264 Resp: 230675
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.1 15.8 23.8

