

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134591.D
 Acq On : 02 Aug 2023 21:13
 Operator : CG\JU
 Sample : 03598-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-53-(2-5)

Quant Time: Aug 03 01:51:08 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)

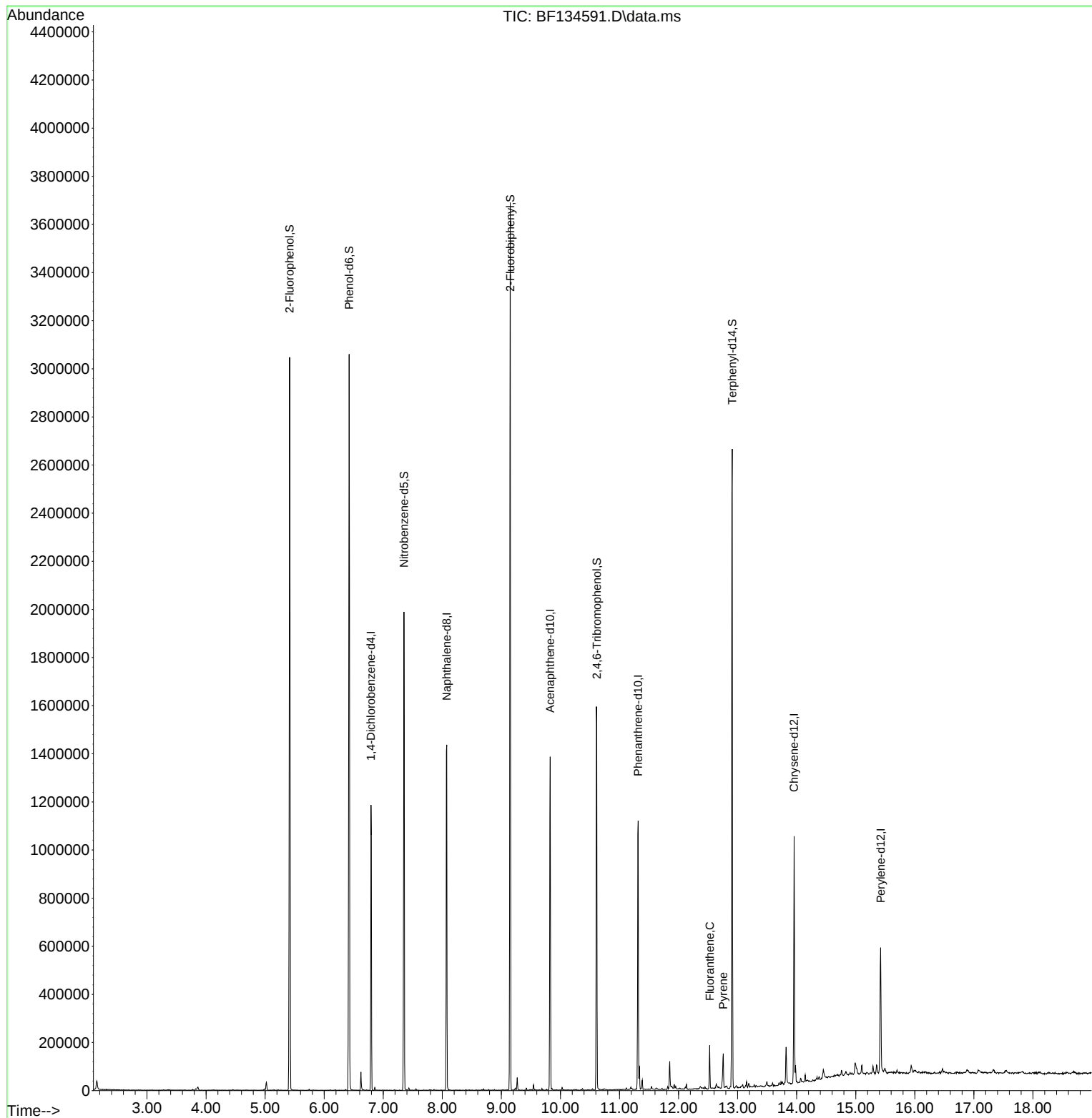
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	167155	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	617711	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	259064	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	412346	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	293987	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	234678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	814821	74.099	ng	0.00
7) Phenol-d6	6.422	99	1055972	75.122	ng	0.00
23) Nitrobenzene-d5	7.351	82	583868	59.069	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	193344	73.211	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1016813	65.260	ng	0.00
79) Terphenyl-d14	12.910	244	931458	55.854	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.527	202	61652	2.665	ng	97
78) Pyrene	12.757	202	57649	2.266	ng	98

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

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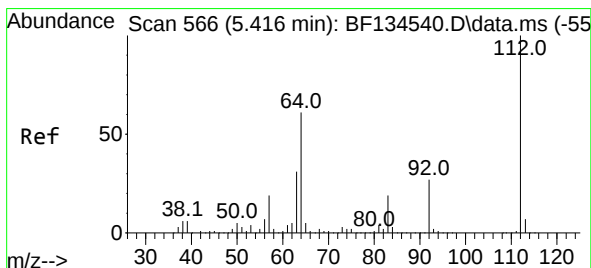
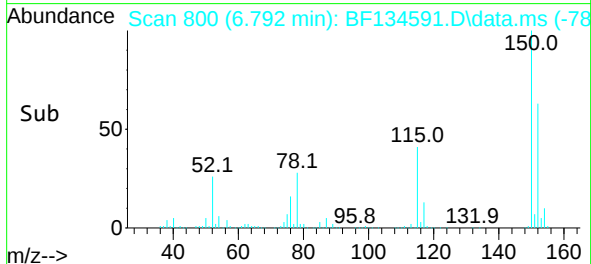
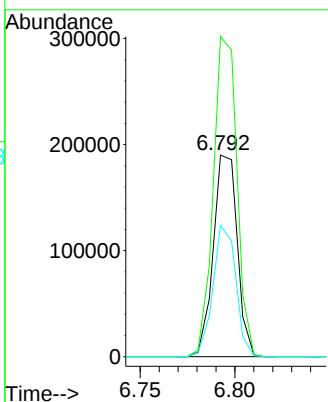
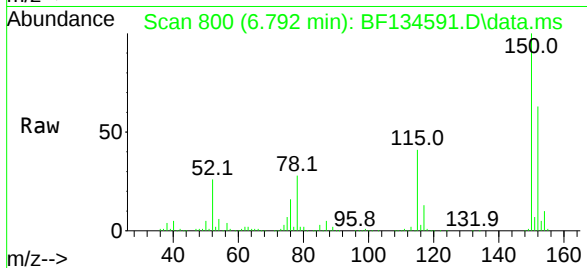




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

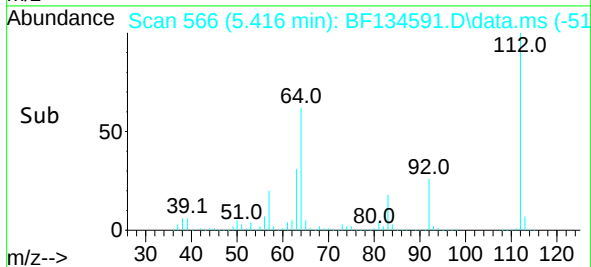
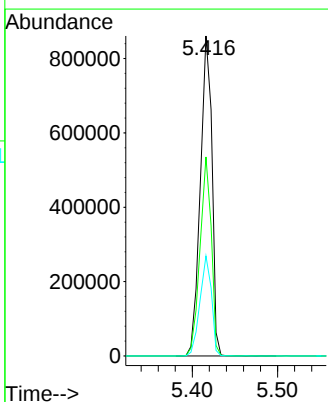
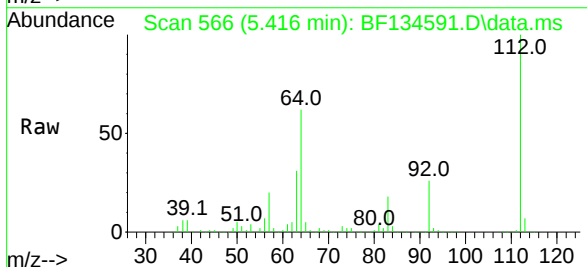
Instrument :
BNA_F
ClientSampleId :
RB-53-(2-5)

Tgt Ion:152 Resp: 167155
Ion Ratio Lower Upper
152 100
150 158.8 128.3 192.5
115 65.2 52.4 78.6



#5
2-Fluorophenol
Concen: 74.099 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

Tgt Ion:112 Resp: 814821
Ion Ratio Lower Upper
112 100
64 62.2 44.9 67.3
63 31.3 25.4 38.0

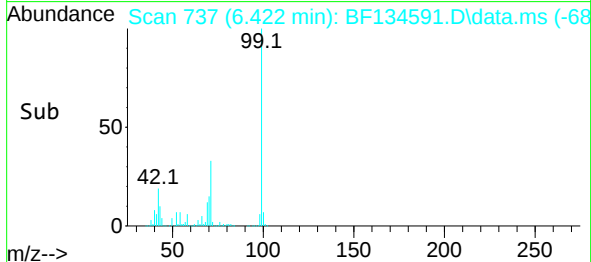
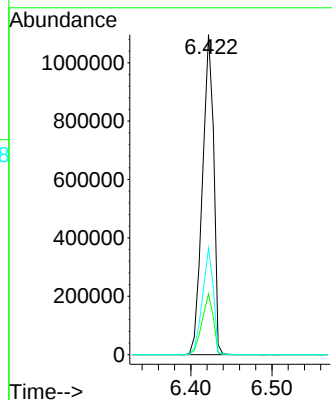
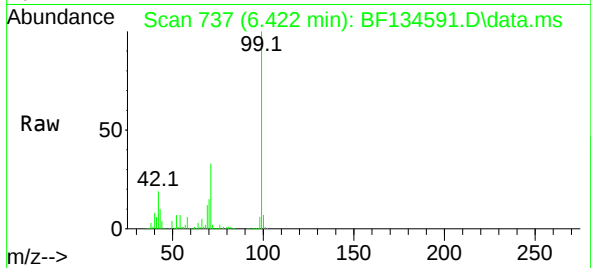




#7
Phenol-d6
Concen: 75.122 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

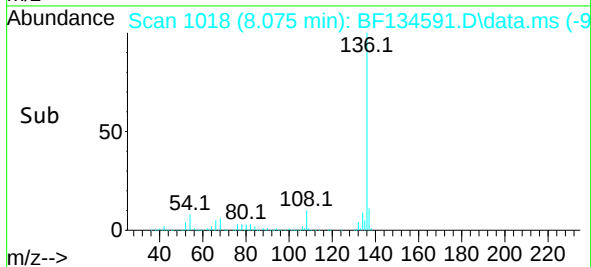
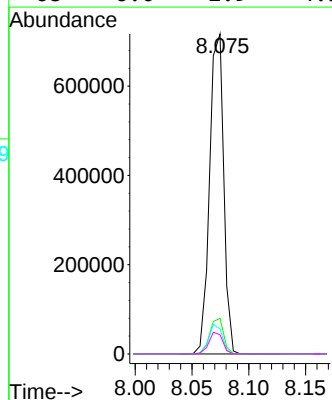
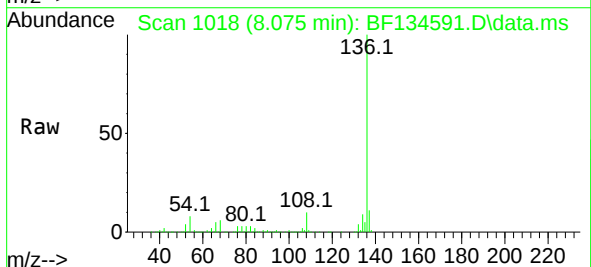
Instrument :
BNA_F
ClientSampleId :
RB-53-(2-5)

Tgt Ion: 99 Resp: 1055972
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 33.3 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

Tgt Ion: 136 Resp: 617711
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.8 5.2 7.8
68 6.0 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 59.069 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134591.D

Acq: 02 Aug 2023 21:13

Instrument :

BNA_F

ClientSampleId :

RB-53-(2-5)

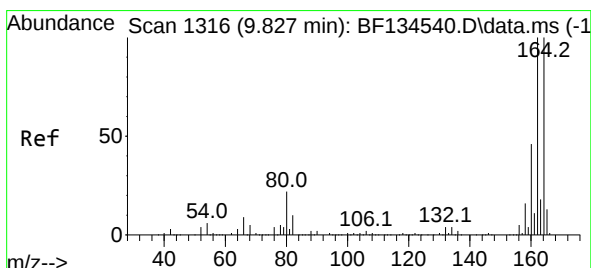
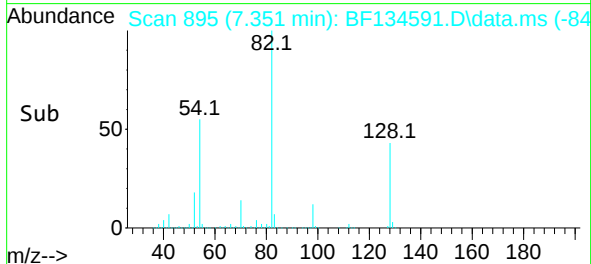
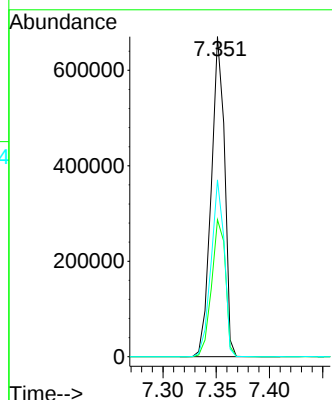
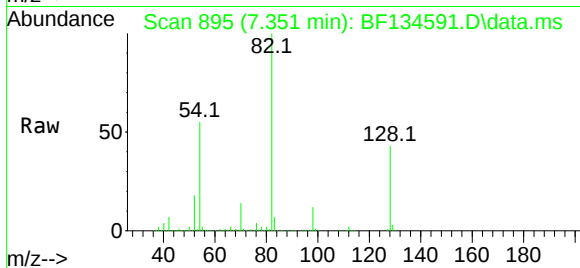
Tgt Ion: 82 Resp: 583868

Ion Ratio Lower Upper

82 100

128 42.8 34.3 51.5

54 55.2 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF134591.D

Acq: 02 Aug 2023 21:13

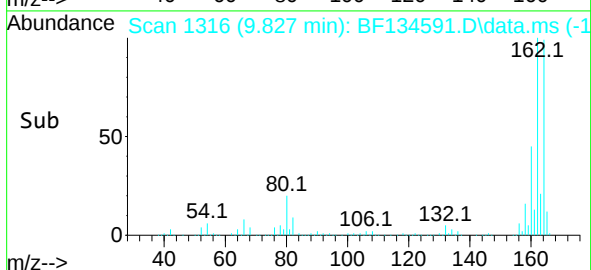
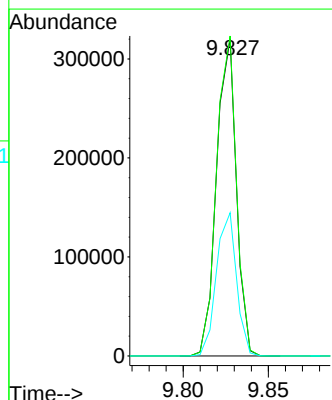
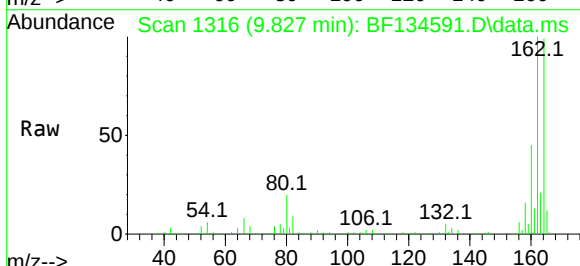
Tgt Ion: 164 Resp: 259064

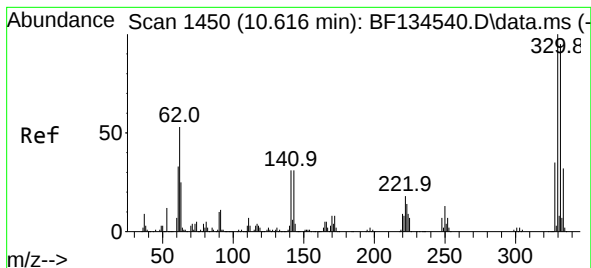
Ion Ratio Lower Upper

164 100

162 100.9 82.6 123.8

160 45.2 37.2 55.8

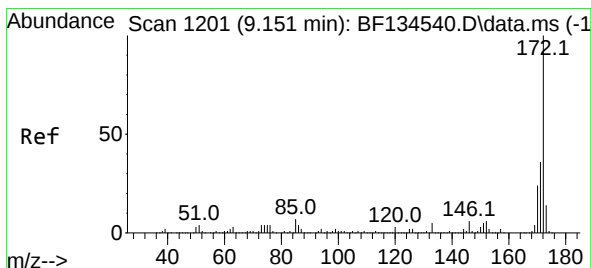
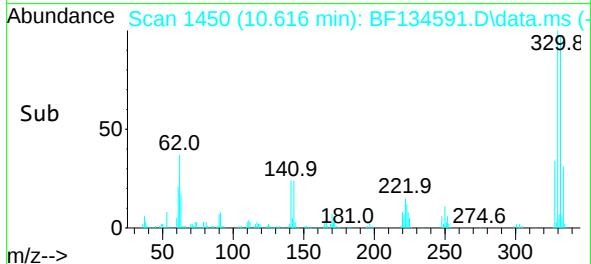
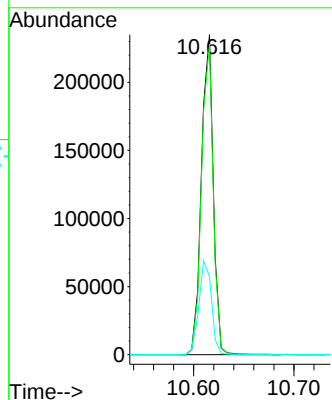
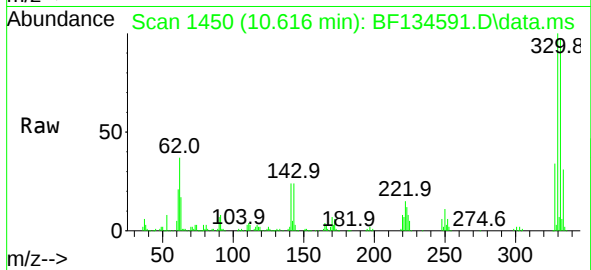




#42
 2,4,6-Tribromophenol
 Concen: 73.211 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. 0.000 min
 Lab File: BF134591.D
 Acq: 02 Aug 2023 21:13

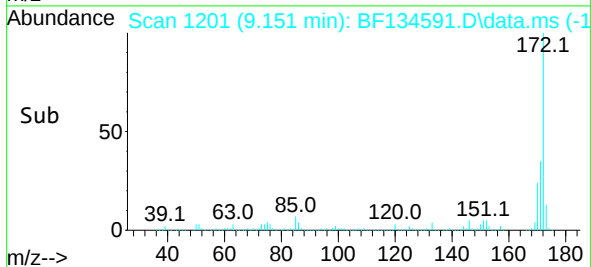
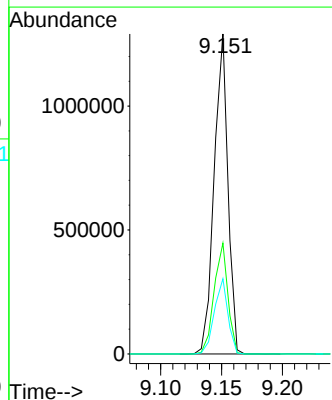
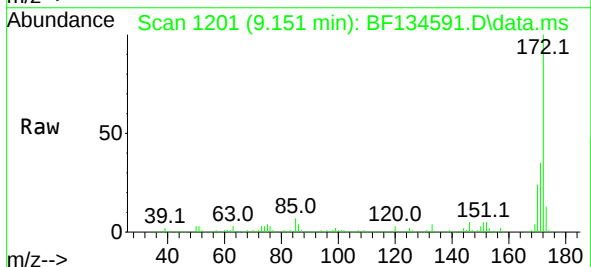
Instrument :
 BNA_F
 ClientSampleId :
 RB-53-(2-5)

Tgt Ion:330 Resp: 193344
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.8 118.2
 141 31.3 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 65.260 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BF134591.D
 Acq: 02 Aug 2023 21:13

Tgt Ion:172 Resp: 1016813
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.8 43.2
 170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134591.D

Acq: 02 Aug 2023 21:13

Instrument :

BNA_F

ClientSampleId :

RB-53-(2-5)

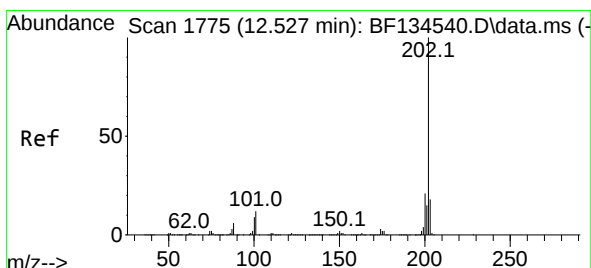
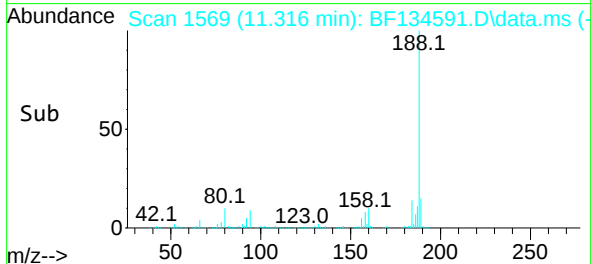
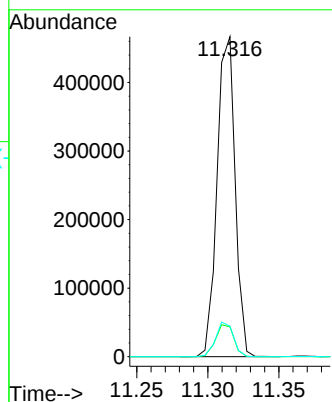
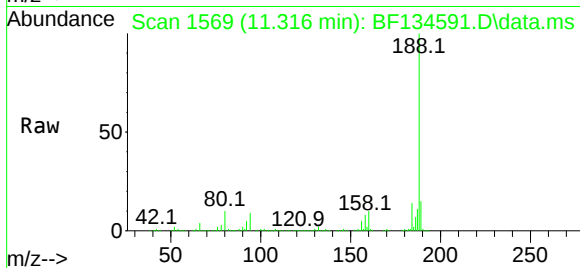
Tgt Ion:188 Resp: 412346

Ion Ratio Lower Upper

188 100

94 9.3 5.1 7.7#

80 9.5 6.6 9.8



#75

Fluoranthene

Concen: 2.665 ng

RT: 12.527 min Scan# 1775

Delta R.T. 0.000 min

Lab File: BF134591.D

Acq: 02 Aug 2023 21:13

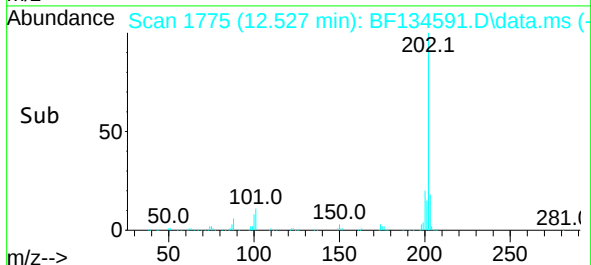
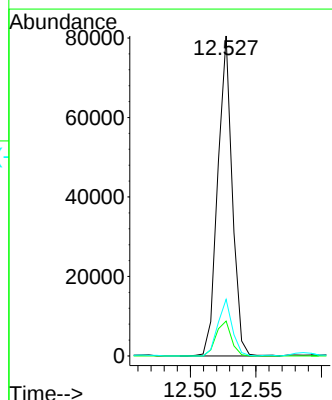
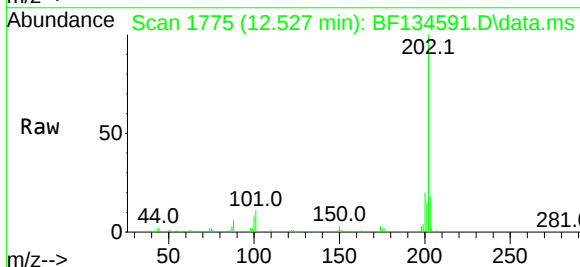
Tgt Ion:202 Resp: 61652

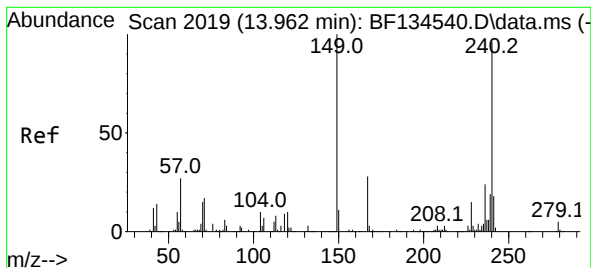
Ion Ratio Lower Upper

202 100

101 10.9 0.0 28.5

203 17.7 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134591.D

Acq: 02 Aug 2023 21:13

Instrument :

BNA_F

ClientSampleId :

RB-53-(2-5)

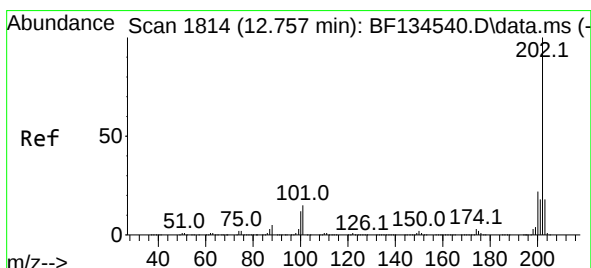
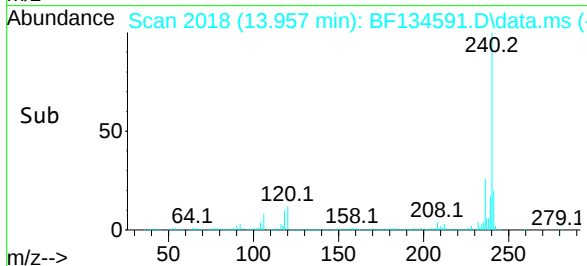
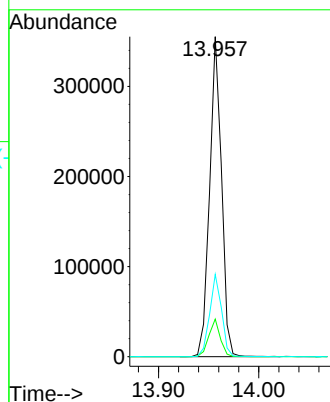
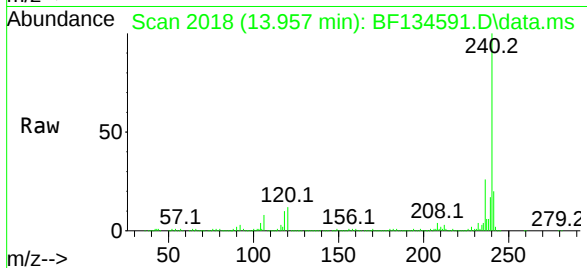
Tgt Ion:240 Resp: 293987

Ion Ratio Lower Upper

240 100

120 11.8 6.6 10.0#

236 25.7 20.2 30.2



#78

Pyrene

Concen: 2.266 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF134591.D

Acq: 02 Aug 2023 21:13

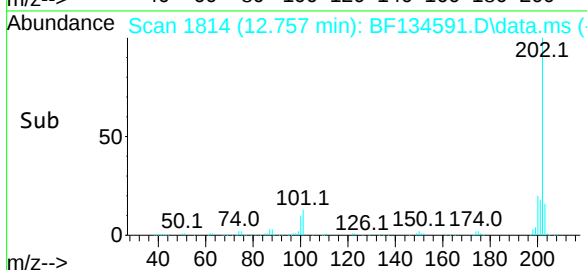
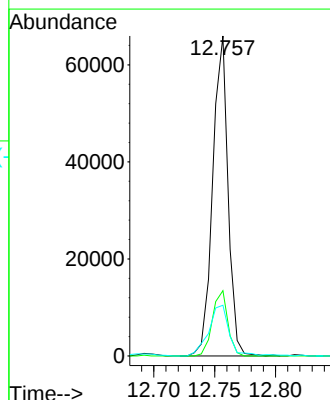
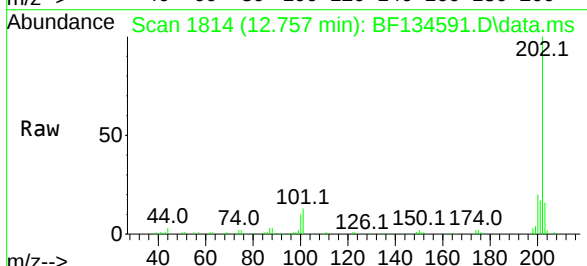
Tgt Ion:202 Resp: 57649

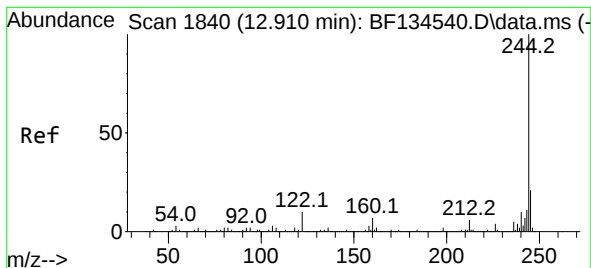
Ion Ratio Lower Upper

202 100

200 20.4 15.8 23.8

203 15.8 13.5 20.3





#79

Terphenyl-d14

Concen: 55.854 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF134591.D

Acq: 02 Aug 2023 21:13

Instrument :

BNA_F

ClientSampleId :

RB-53-(2-5)

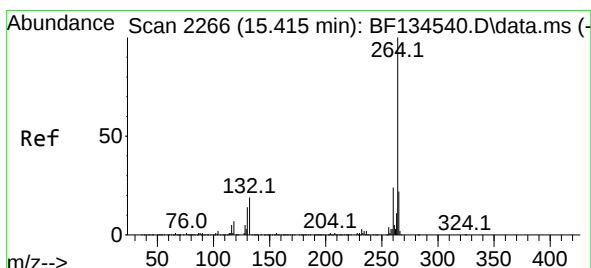
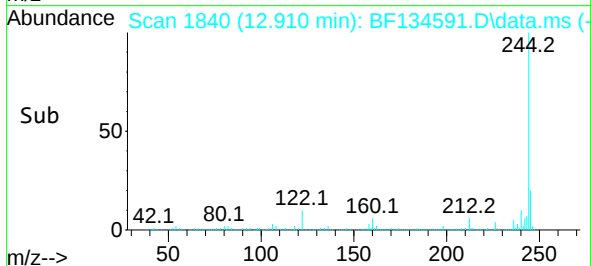
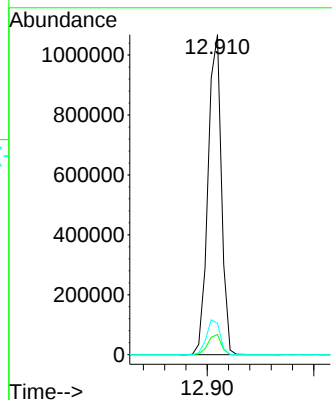
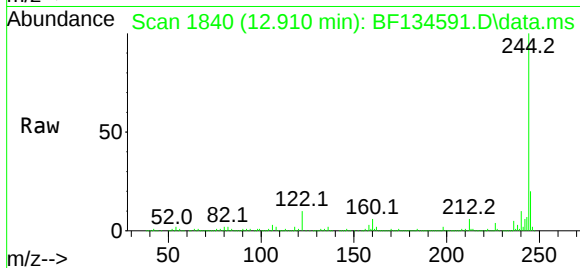
Tgt Ion:244 Resp: 931458

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 9.8 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.006 min

Lab File: BF134591.D

Acq: 02 Aug 2023 21:13

Tgt Ion:264 Resp: 234678

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.5 15.8 23.8

