

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
 Data File : BF134793.D
 Acq On : 15 Aug 2023 19:57
 Operator : CG\JU
 Sample : 04003-01 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-081423

Quant Time: Aug 16 03:13:43 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	166828	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	644618	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	309062	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	476013	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	367844	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	279434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	56830	5.178	ng	-0.01
7) Phenol-d6	6.422	99	68692	4.896	ng	-0.02
23) Nitrobenzene-d5	7.351	82	38825	3.764	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	14252	4.524	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	84231	4.531	ng	-0.01
79) Terphenyl-d14	12.910	244	73960	3.544	ng	-0.01

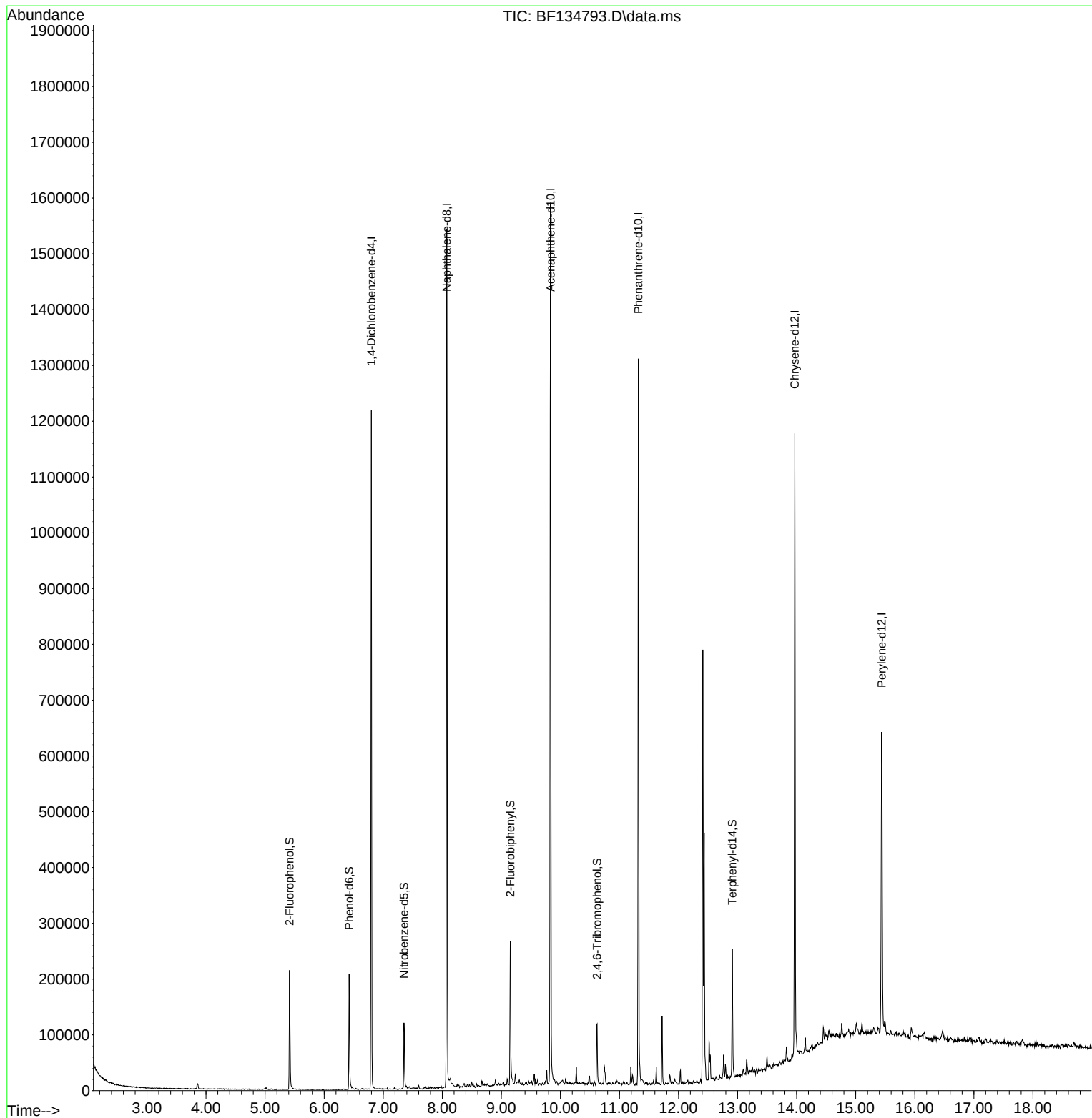
Target Compounds	Qvalue

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

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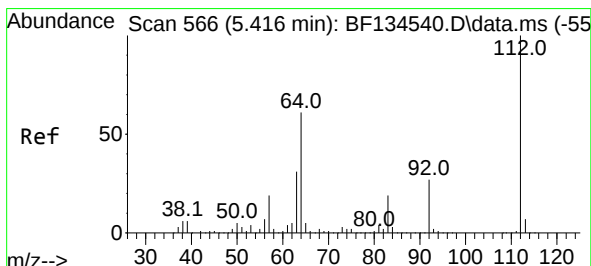
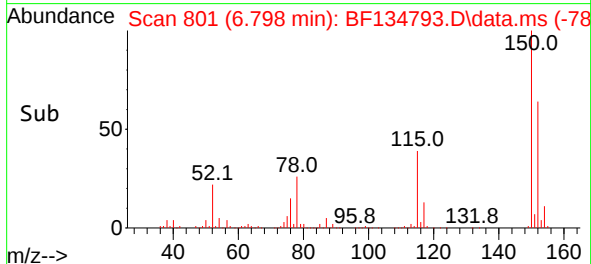
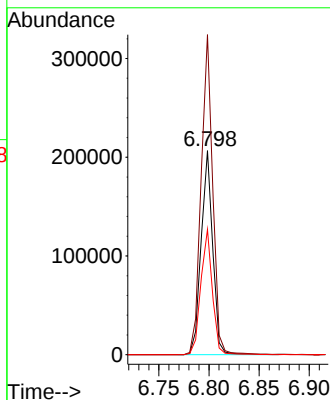
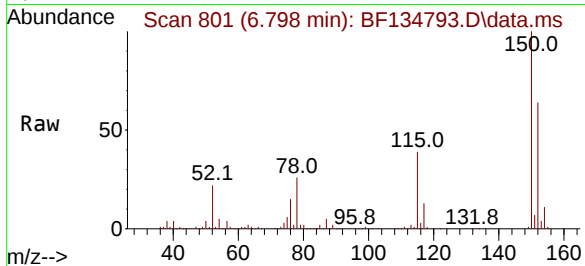




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134793.D
Acq: 15 Aug 2023 19:57

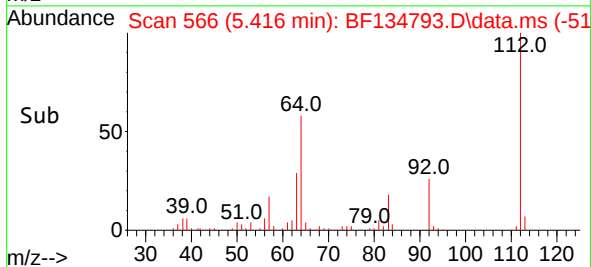
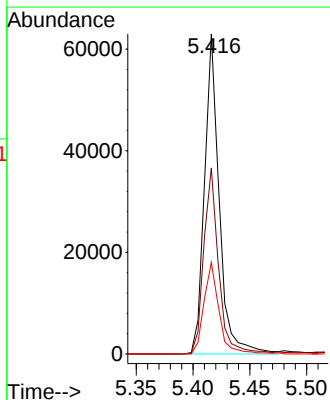
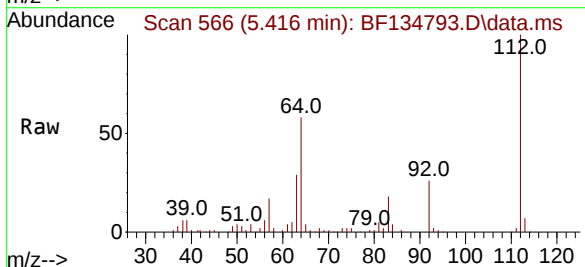
Instrument :
BNA_F
ClientSampleId :
TR-05-081423

Tgt Ion:152 Resp: 166828
Ion Ratio Lower Upper
152 100
150 156.9 128.3 192.5
115 61.4 52.4 78.6



#5
2-Fluorophenol
Concen: 5.178 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134793.D
Acq: 15 Aug 2023 19:57

Tgt Ion:112 Resp: 56830
Ion Ratio Lower Upper
112 100
64 58.2 44.9 67.3
63 28.6 25.4 38.0





#7

Phenol-d6

Concen: 4.896 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF134793.D

Acq: 15 Aug 2023 19:57

Instrument :

BNA_F

ClientSampleId :

TR-05-081423

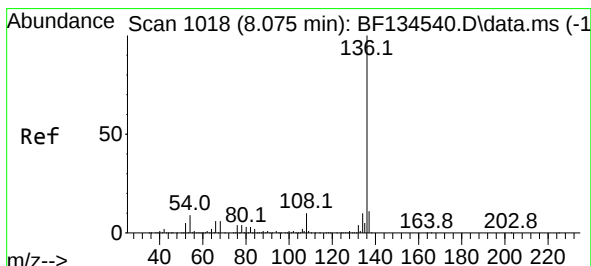
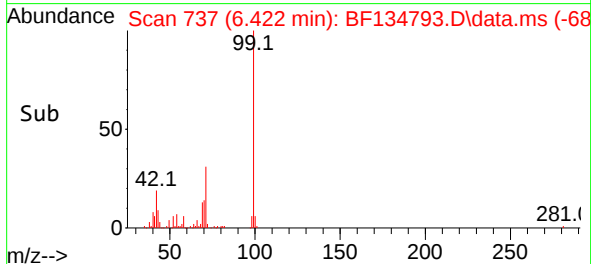
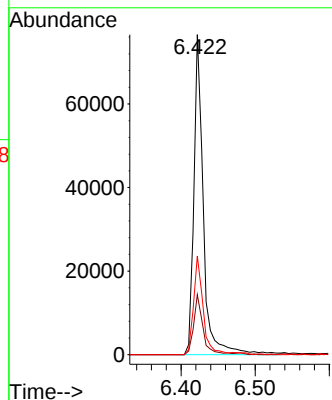
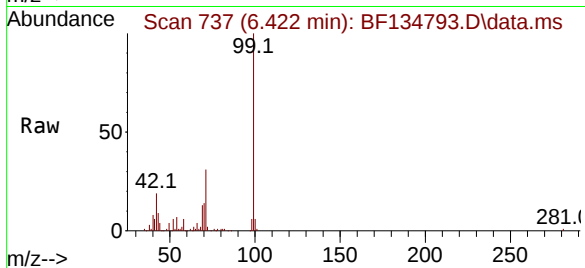
Tgt Ion: 99 Resp: 68692

Ion Ratio Lower Upper

99 100

42 18.7 18.7 28.1

71 30.8 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: BF134793.D

Acq: 15 Aug 2023 19:57

Tgt Ion: 136 Resp: 644618

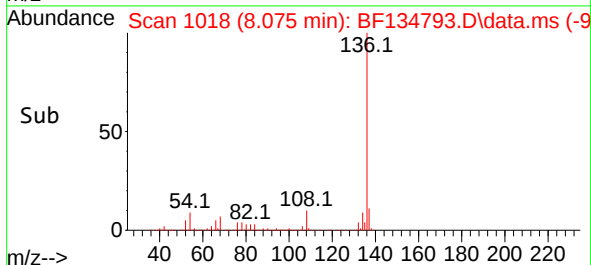
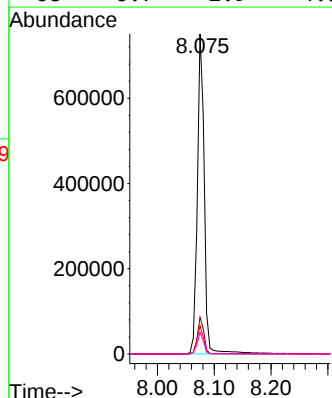
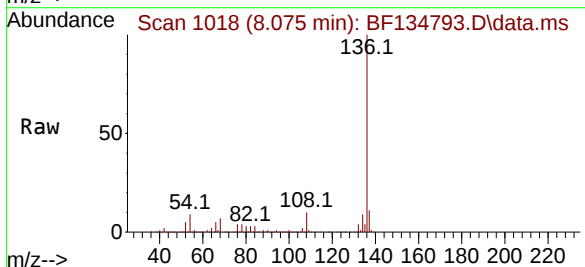
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 8.9 5.2 7.8#

68 6.7 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 3.764 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF134793.D

Acq: 15 Aug 2023 19:57

Instrument :

BNA_F

ClientSampleId :

TR-05-081423

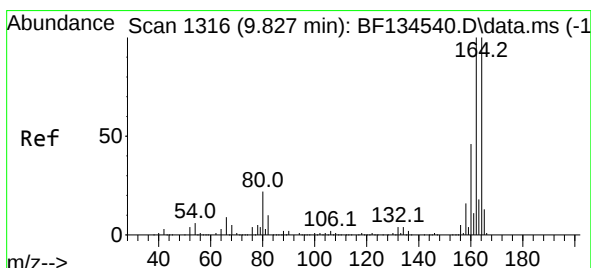
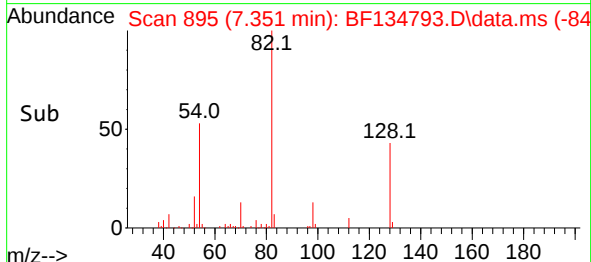
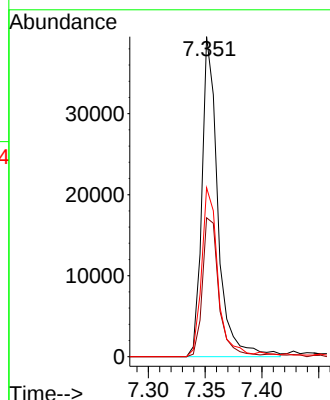
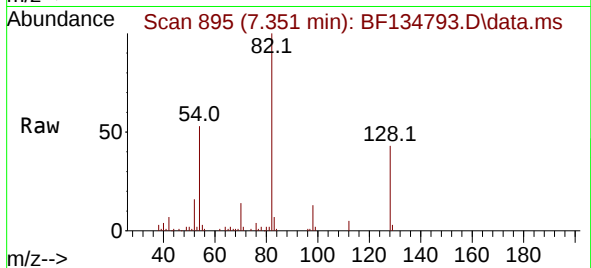
Tgt Ion: 82 Resp: 38825

Ion Ratio Lower Upper

82 100

128 43.4 34.3 51.5

54 52.8 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF134793.D

Acq: 15 Aug 2023 19:57

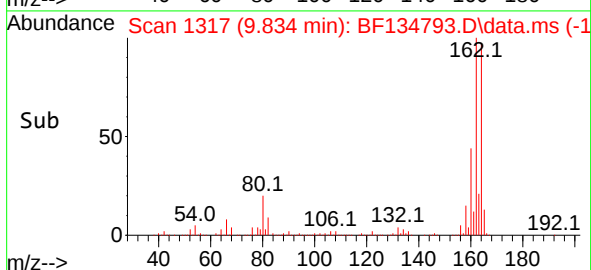
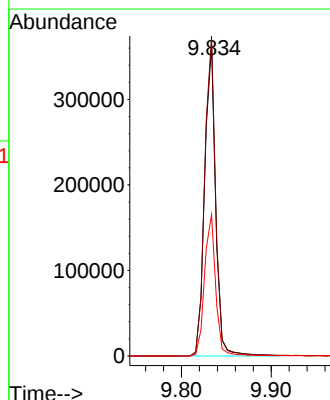
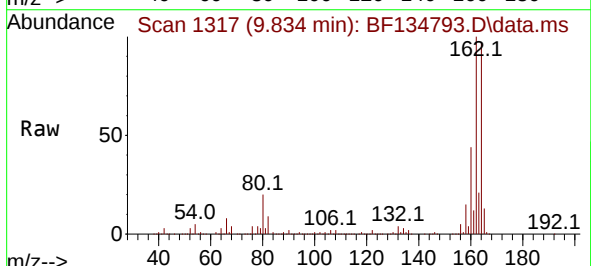
Tgt Ion:164 Resp: 309062

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

160 45.5 37.2 55.8

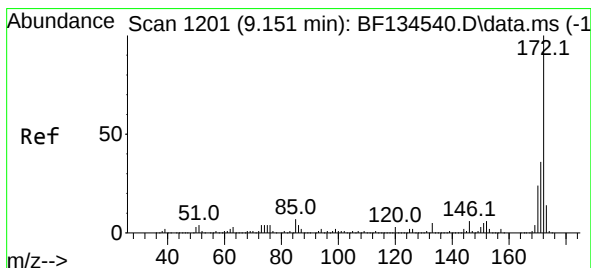
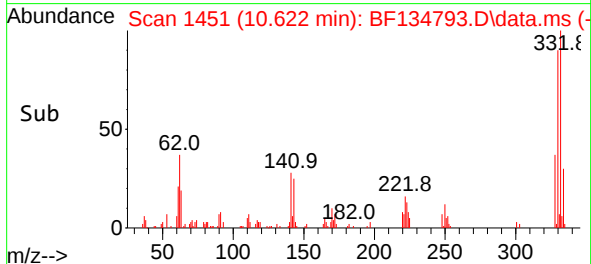
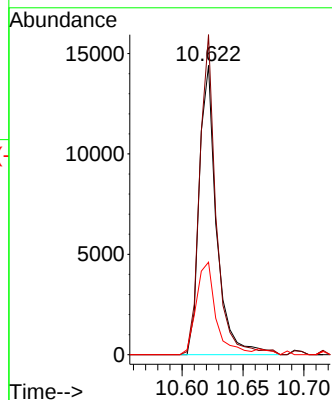
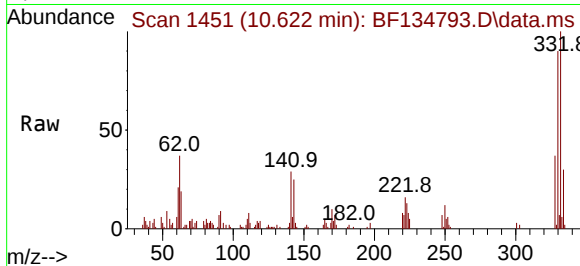




#42
2,4,6-Tribromophenol
Concen: 4.524 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF134793.D
Acq: 15 Aug 2023 19:57

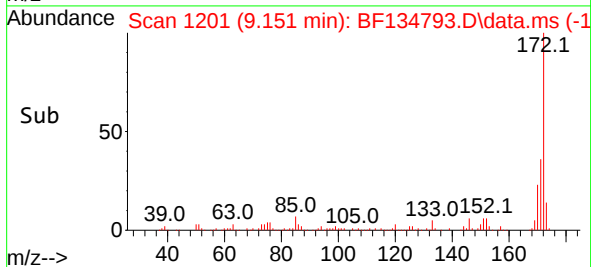
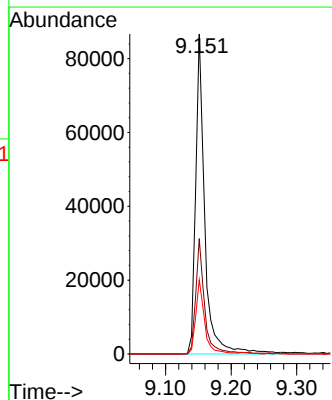
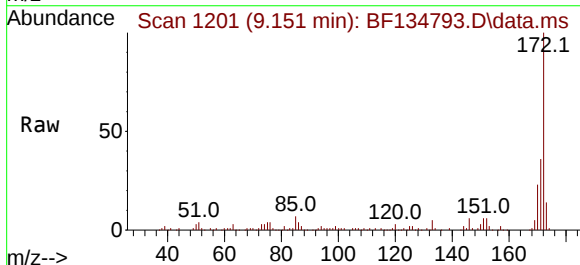
Instrument :
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TR-05-081423

Tgt Ion: 330 Resp: 14252
Ion Ratio Lower Upper
330 100
332 104.4 78.8 118.2
141 36.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 4.531 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134793.D
Acq: 15 Aug 2023 19:57

Tgt Ion: 172 Resp: 84231
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134793.D

Acq: 15 Aug 2023 19:57

Instrument :

BNA_F

ClientSampleId :

TR-05-081423

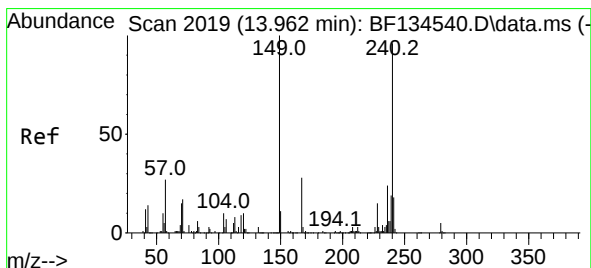
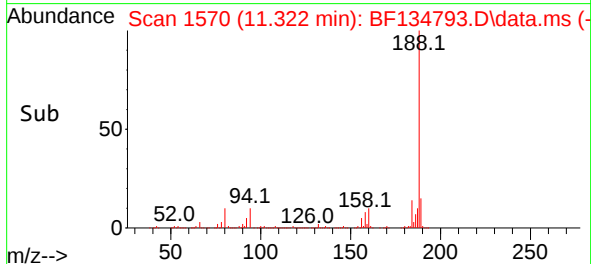
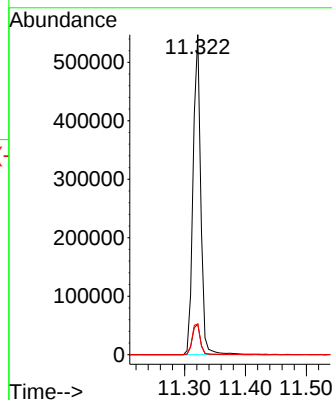
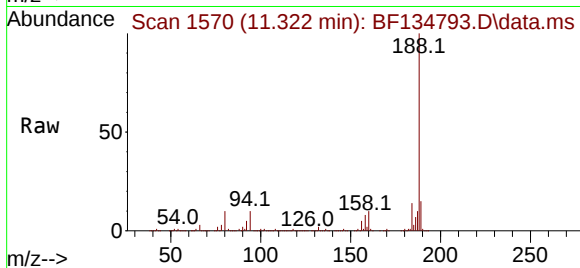
Tgt Ion:188 Resp: 476013

Ion Ratio Lower Upper

188 100

94 9.6 5.1 7.7#

80 9.6 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF134793.D

Acq: 15 Aug 2023 19:57

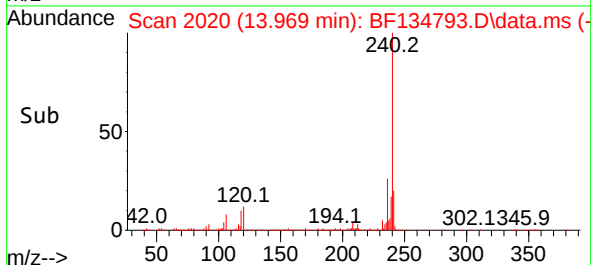
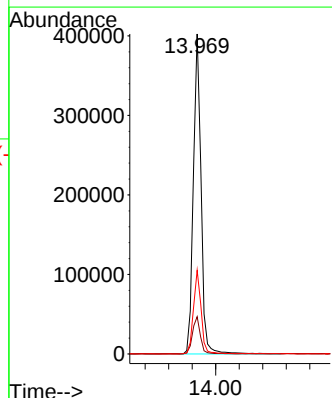
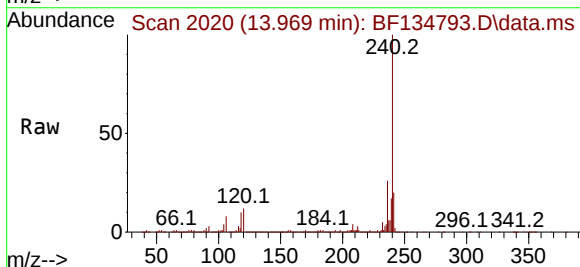
Tgt Ion:240 Resp: 367844

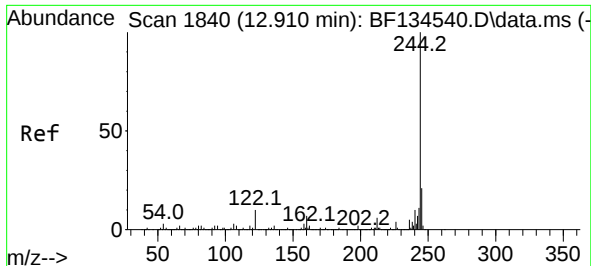
Ion Ratio Lower Upper

240 100

120 11.7 6.6 10.0#

236 26.1 20.2 30.2

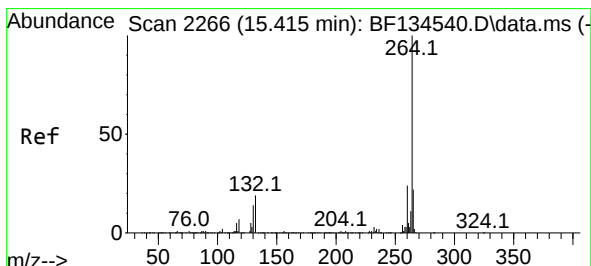
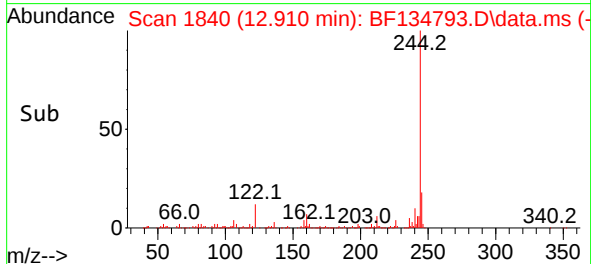
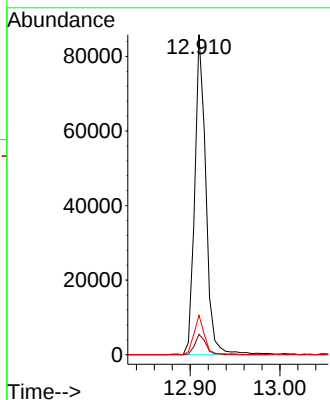
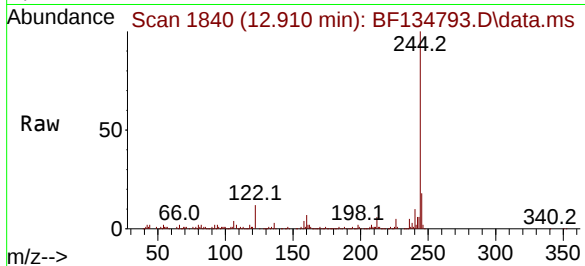




#79
 Terphenyl-d14
 Concen: 3.544 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134793.D
 Acq: 15 Aug 2023 19:57

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-081423

Tgt Ion:244 Resp: 73960
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 12.3 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: BF134793.D
 Acq: 15 Aug 2023 19:57

Tgt Ion:264 Resp: 279434
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.7 15.8 23.8

