

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
 Data File : BF134791.D
 Acq On : 15 Aug 2023 18:51
 Operator : CG\JU
 Sample : 04017-01 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 16 03:13:17 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	161262	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	595324	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	297660	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	451602	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	351784	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	269663	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	58707	5.534	ng	-0.01
7) Phenol-d6	6.422	99	70022	5.163	ng	-0.02
23) Nitrobenzene-d5	7.351	82	41102	4.315	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	15686	5.169	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	91853	5.131	ng	-0.01
79) Terphenyl-d14	12.910	244	85582	4.289	ng	-0.01

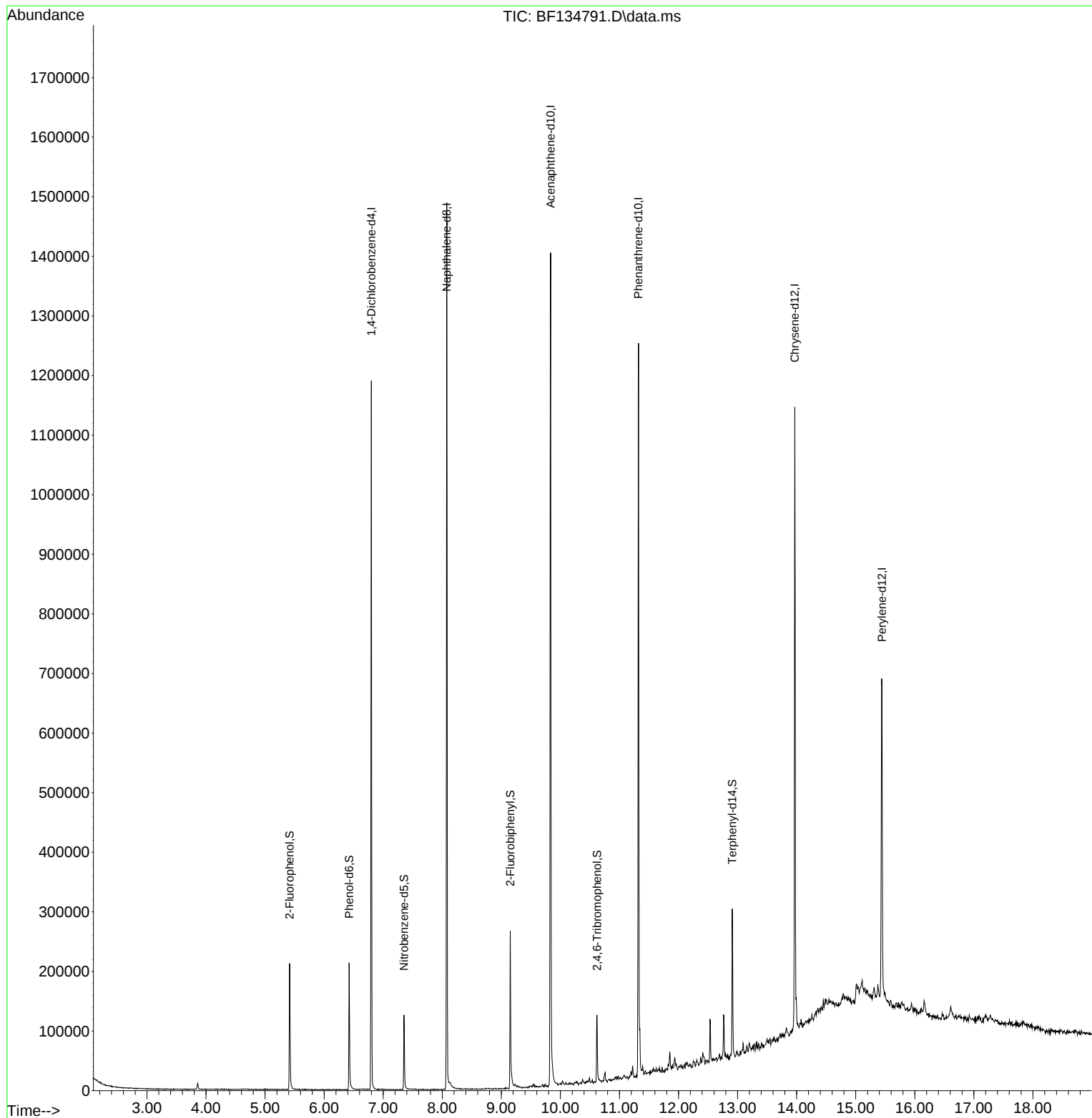
Target Compounds	Qvalue

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

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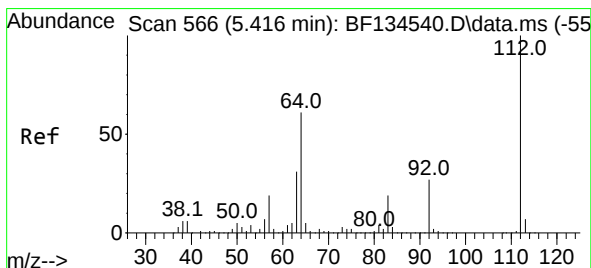
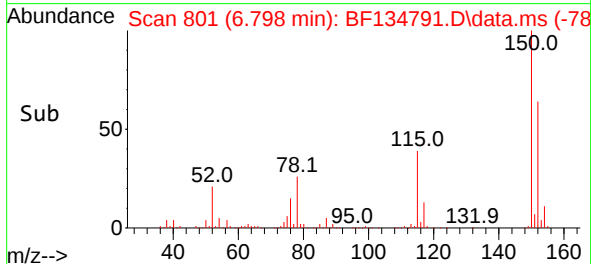
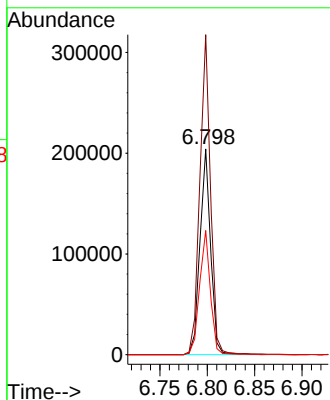
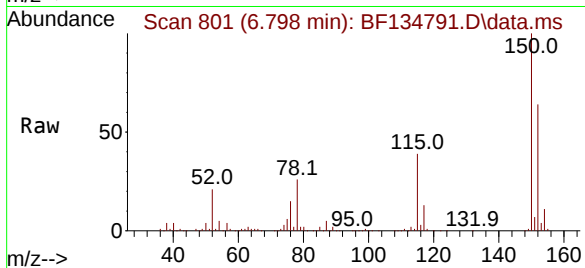




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134791.D
Acq: 15 Aug 2023 18:51

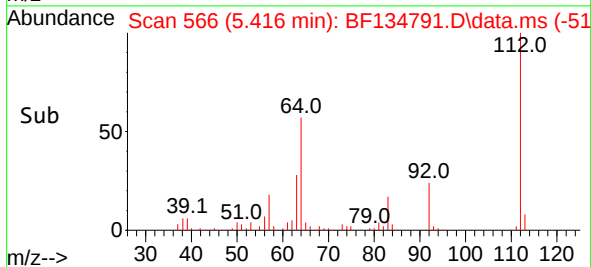
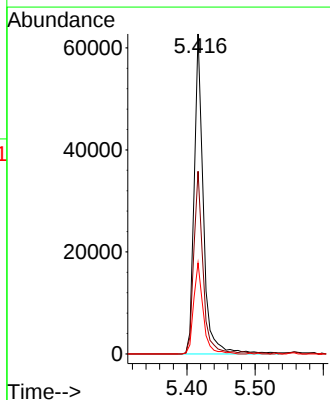
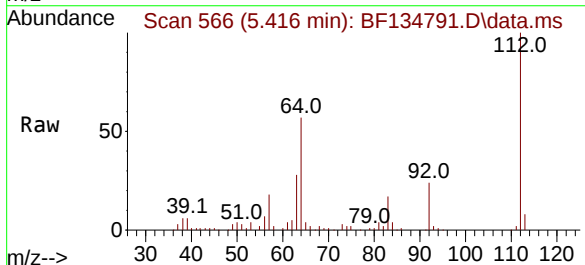
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-A

Tgt Ion:152 Resp: 161262
Ion Ratio Lower Upper
152 100
150 155.6 128.3 192.5
115 60.3 52.4 78.6



#5
2-Fluorophenol
Concen: 5.534 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134791.D
Acq: 15 Aug 2023 18:51

Tgt Ion:112 Resp: 58707
Ion Ratio Lower Upper
112 100
64 57.1 44.9 67.3
63 28.5 25.4 38.0

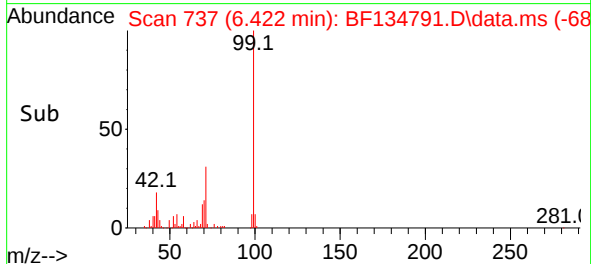
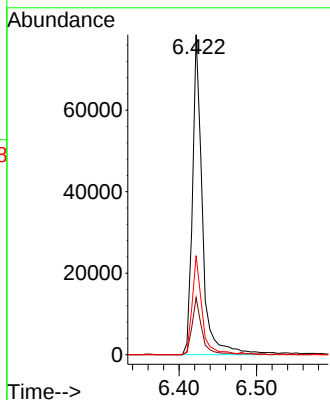
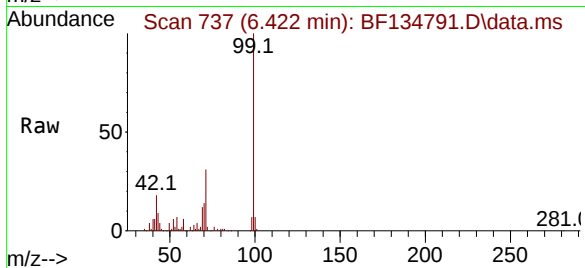




#7
Phenol-d6
Concen: 5.163 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF134791.D
Acq: 15 Aug 2023 18:51

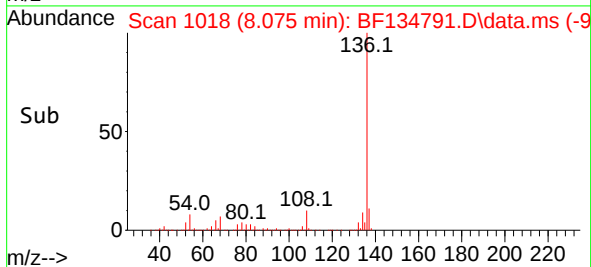
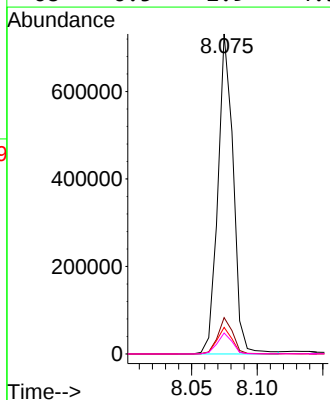
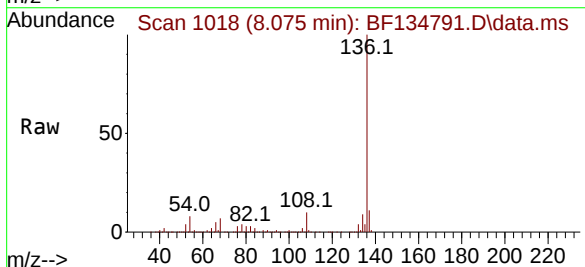
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-A

Tgt Ion: 99 Resp: 70022
Ion Ratio Lower Upper
99 100
42 17.9 18.7 28.1#
71 30.9 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: BF134791.D
Acq: 15 Aug 2023 18:51

Tgt Ion: 136 Resp: 595324
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 8.3 5.2 7.8#
68 6.5 2.9 4.3#

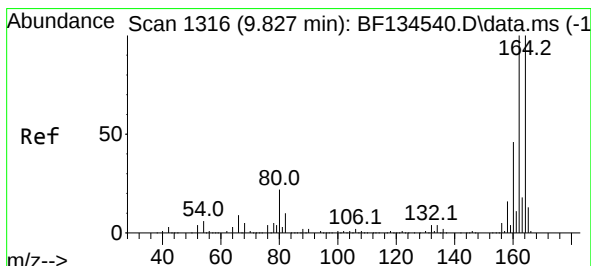
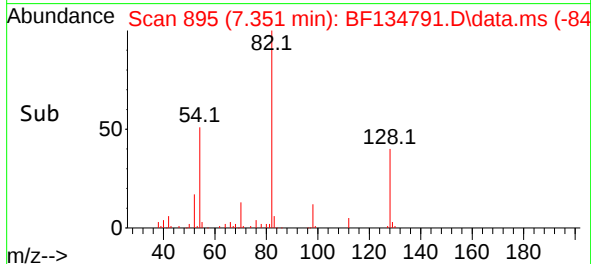
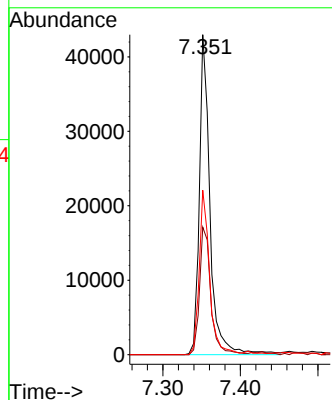
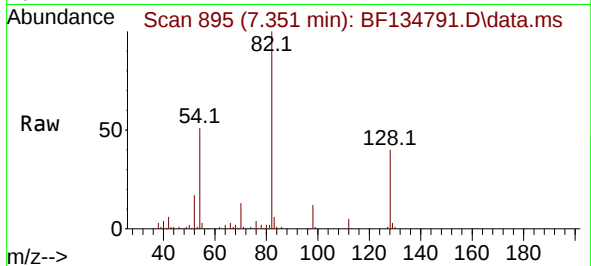




#23
Nitrobenzene-d5
Concen: 4.315 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF134791.D
Acq: 15 Aug 2023 18:51

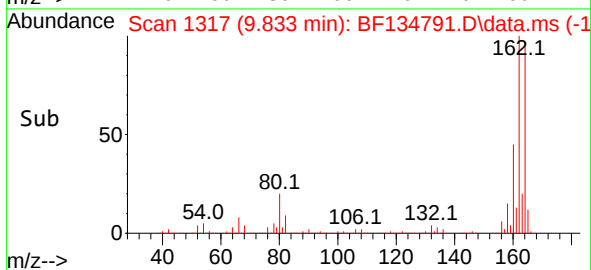
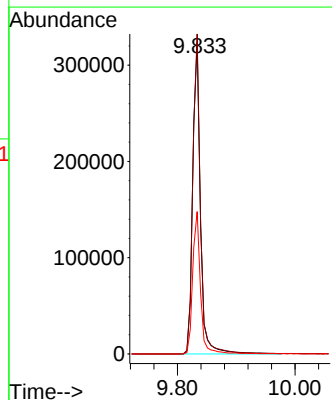
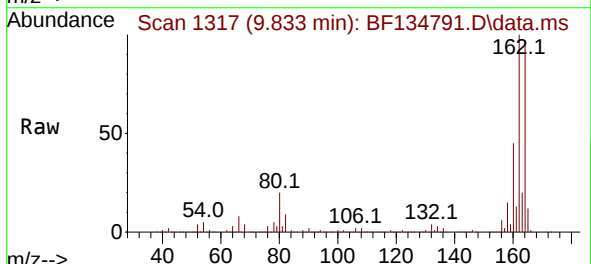
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-A

Tgt Ion: 82 Resp: 41102
Ion Ratio Lower Upper
82 100
128 39.9 34.3 51.5
54 51.4 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: BF134791.D
Acq: 15 Aug 2023 18:51

Tgt Ion: 164 Resp: 297660
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 45.8 37.2 55.8

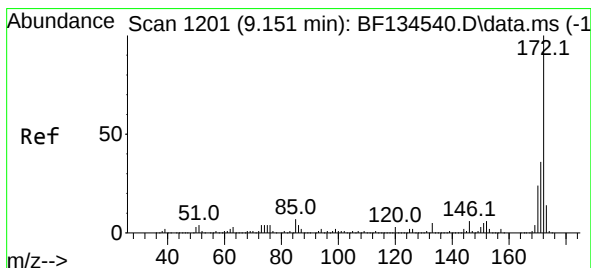
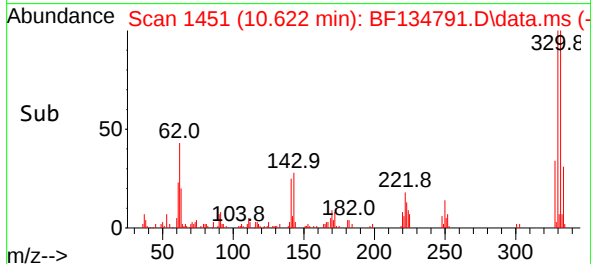
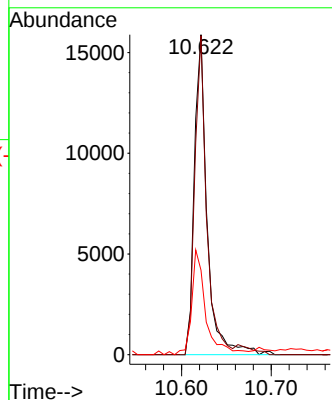
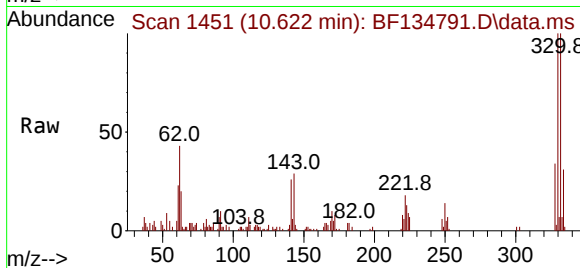




#42
 2,4,6-Tribromophenol
 Concen: 5.169 ng
 RT: 10.622 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF134791.D
 Acq: 15 Aug 2023 18:51

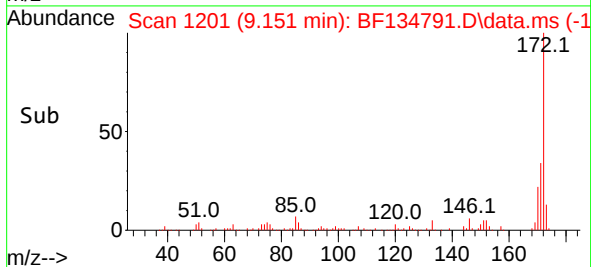
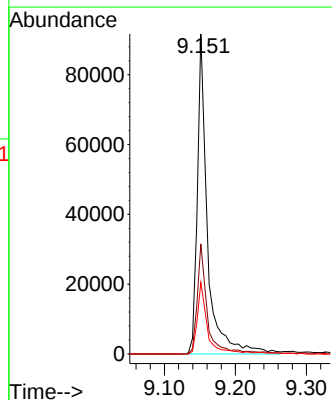
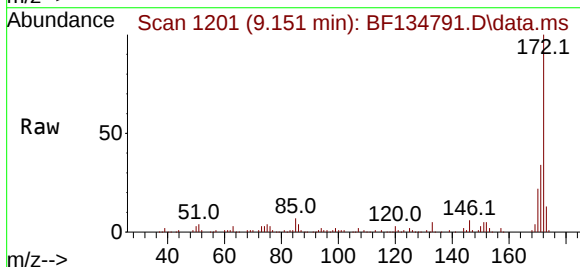
Instrument :
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 ClientSampleId :
 JC-03-081423-A

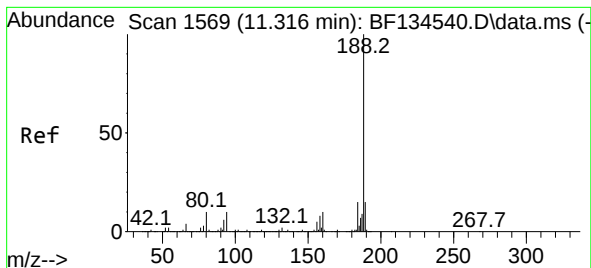
Tgt Ion: 330 Resp: 15686
 Ion Ratio Lower Upper
 330 100
 332 91.9 78.8 118.2
 141 36.5 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 5.131 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF134791.D
 Acq: 15 Aug 2023 18:51

Tgt Ion: 172 Resp: 91853
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.8 43.2
 170 22.3 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: BF134791.D

Acq: 15 Aug 2023 18:51

Instrument :

BNA_F

ClientSampleId :

JC-03-081423-A

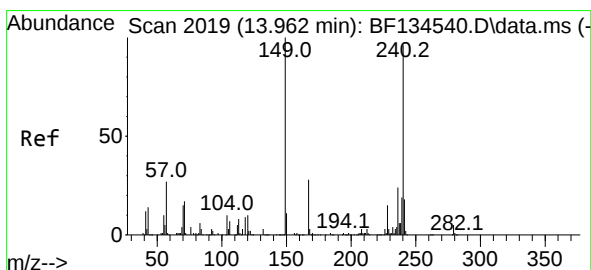
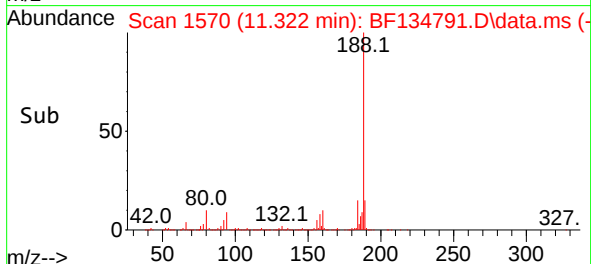
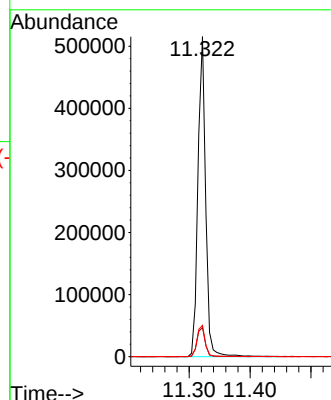
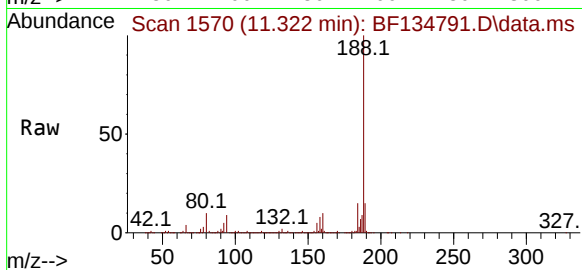
Tgt Ion:188 Resp: 451602

Ion Ratio Lower Upper

188 100

94 9.1 5.1 7.7#

80 9.8 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: BF134791.D

Acq: 15 Aug 2023 18:51

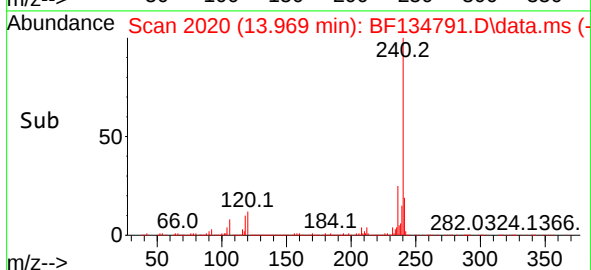
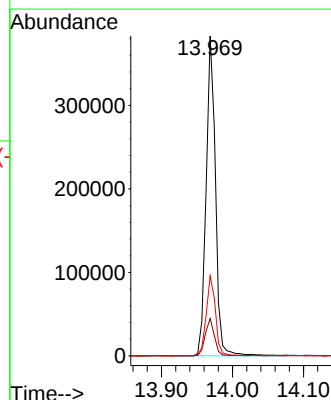
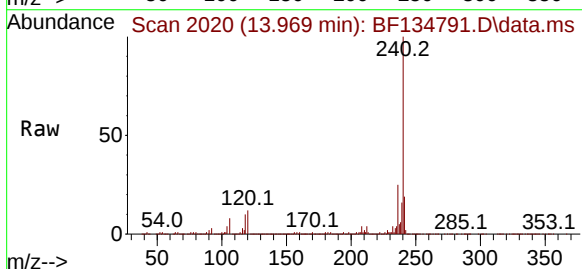
Tgt Ion:240 Resp: 351784

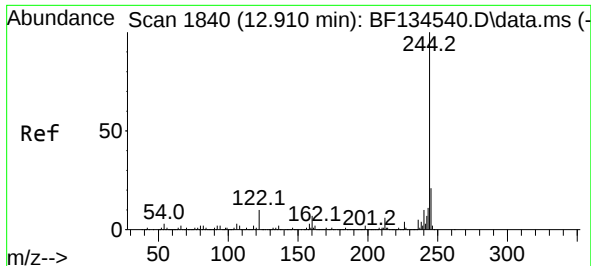
Ion Ratio Lower Upper

240 100

120 11.7 6.6 10.0#

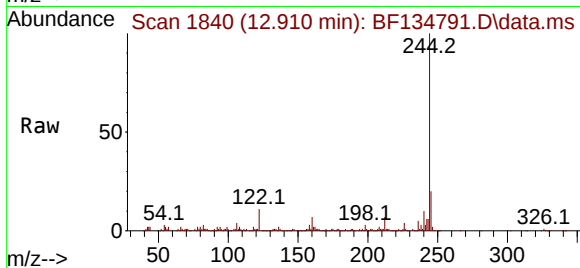
236 25.1 20.2 30.2



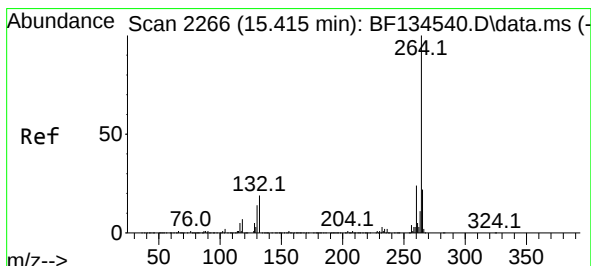
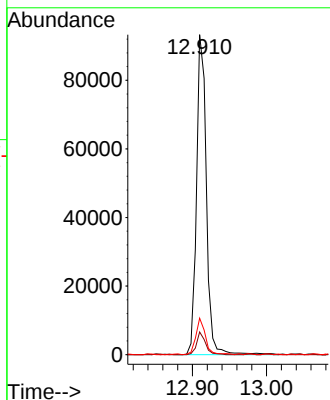
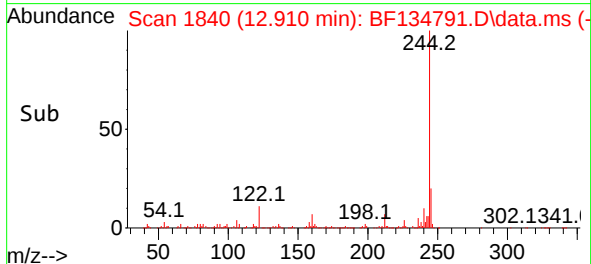


#79
 Terphenyl-d14
 Concen: 4.289 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134791.D
 Acq: 15 Aug 2023 18:51

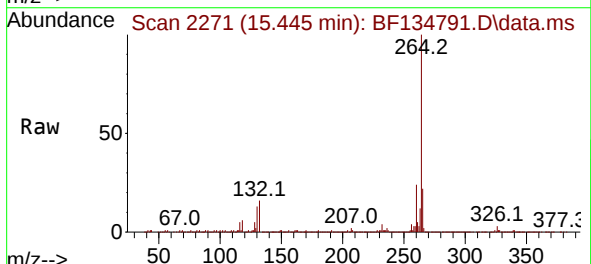
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Tgt Ion:244 Resp: 85582
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF134791.D
 Acq: 15 Aug 2023 18:51



Tgt Ion:264 Resp: 269663
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.6 15.8 23.8

