

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)

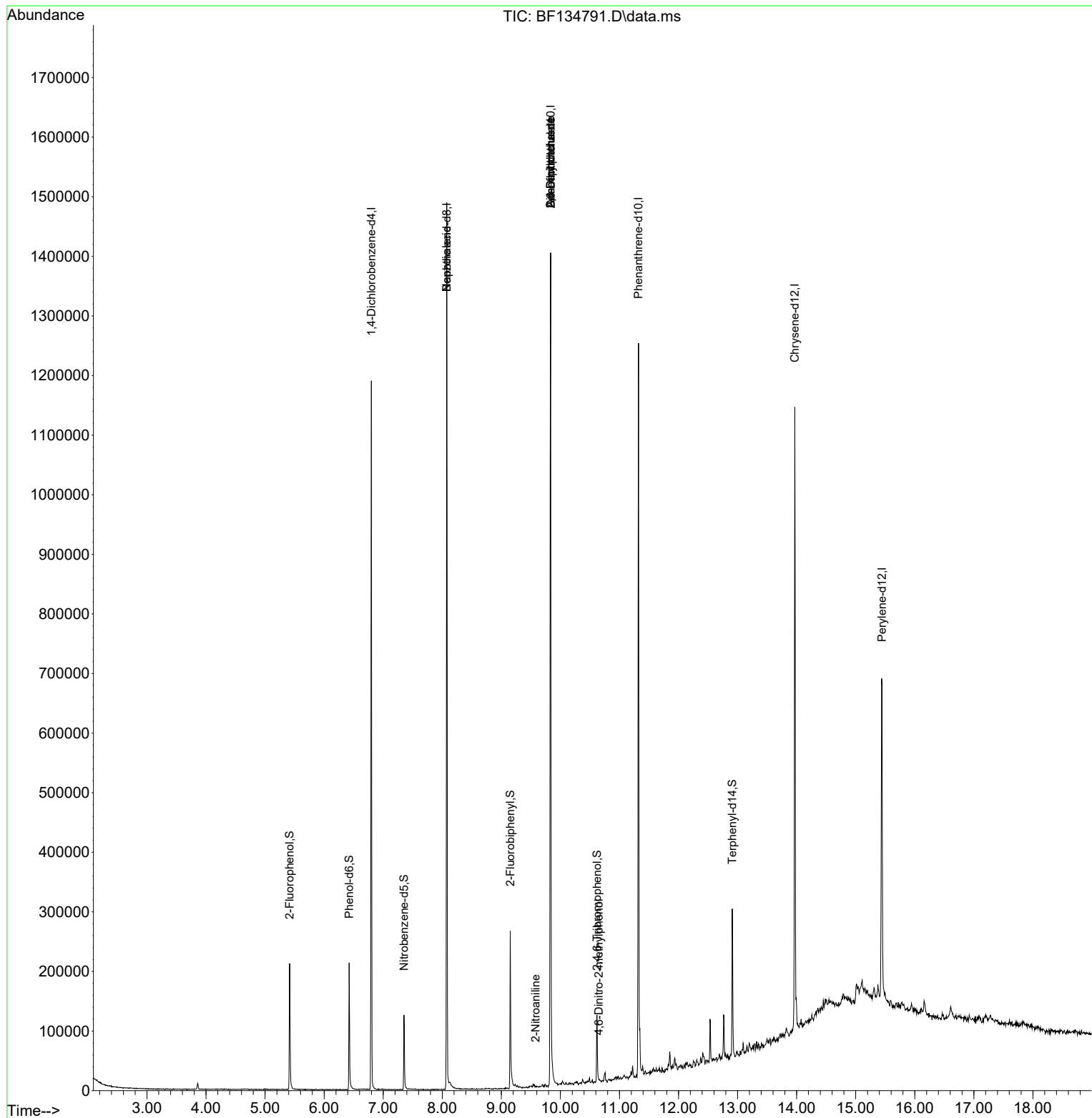
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	161262	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	595324	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	297660	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	451602	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	351784	20.000	ng	# 0.00
86) 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
32) Benzoic acid	8.075	122	102	7.881	ng	# 1
48) 2-Nitroaniline	9.581	65	73	3.179	ng	# 8
50) Dimethylphthalate	9.833	163	57871	2.853	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	38610	11.301	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	38995	10.156	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.651	198	123	8.754	ng	# 1

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

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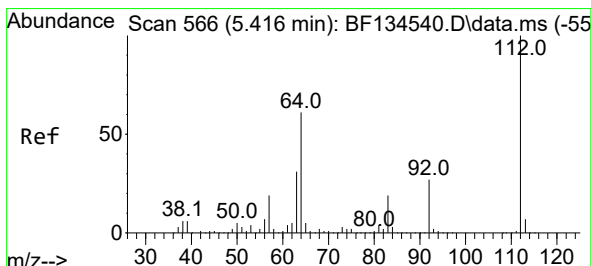
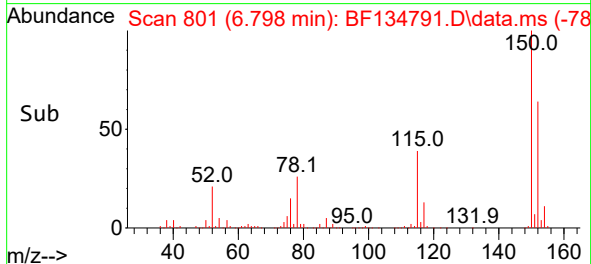
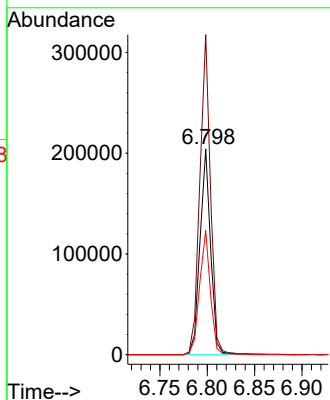
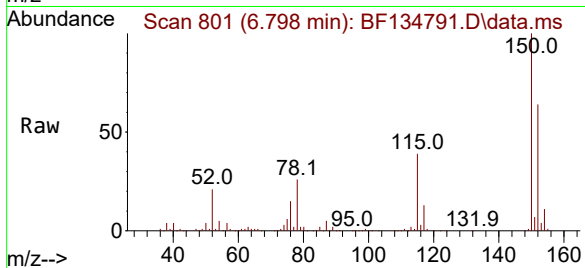




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134791.D
 Acq: 15 Aug 2023 18:51

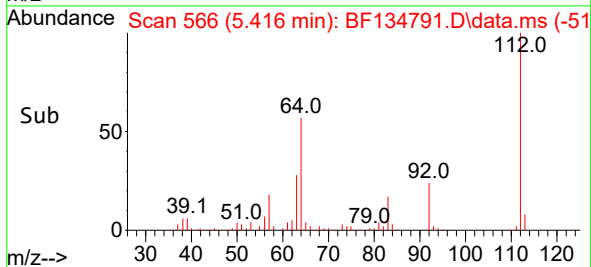
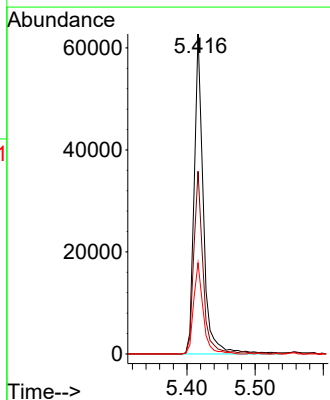
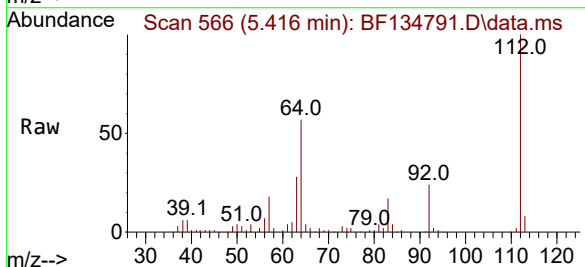
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-081423-A

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

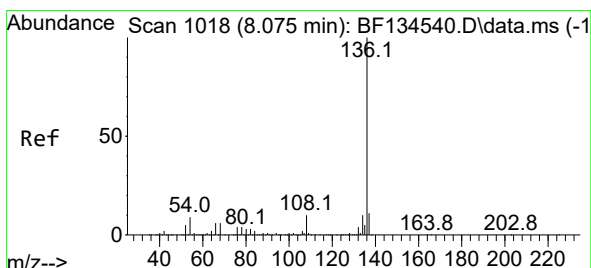
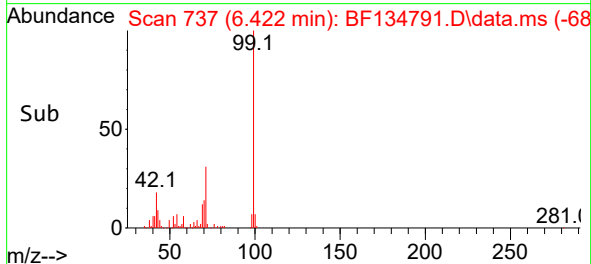
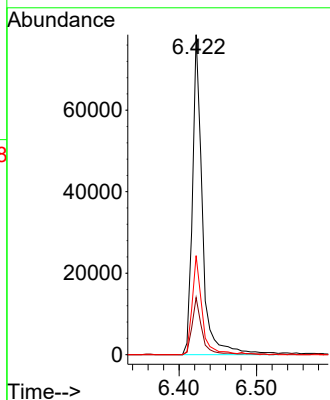
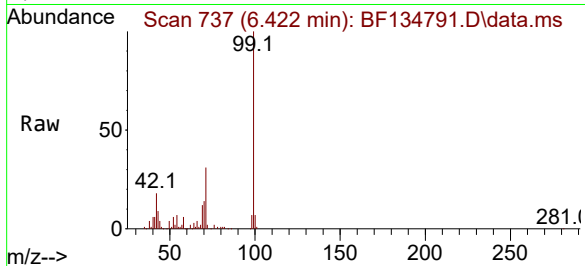




#7
Phenol-d6
Concen: 5.163 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF134791.D
Acq: 15 Aug 2023 18:51

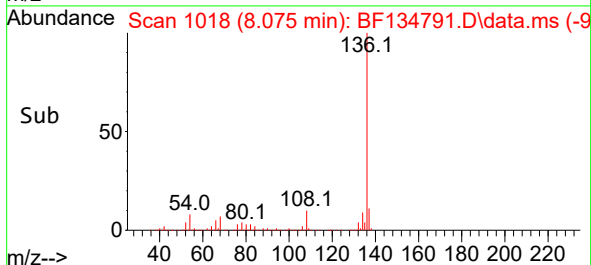
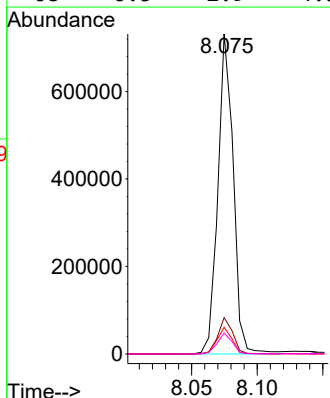
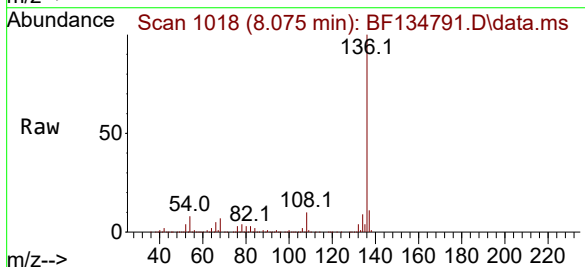
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-A

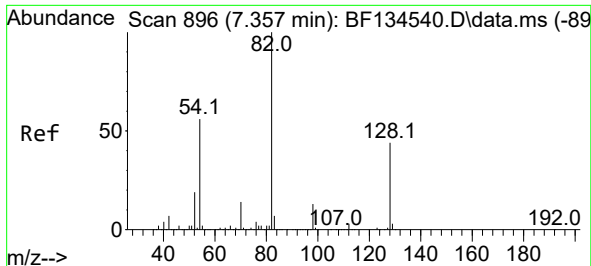
Tgt Ion: 99 Resp: 70022
Ion Ratio Lower Upper
99 100
42 17.9 18.7 28.1#
71 30.9 36.4 54.6#



#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

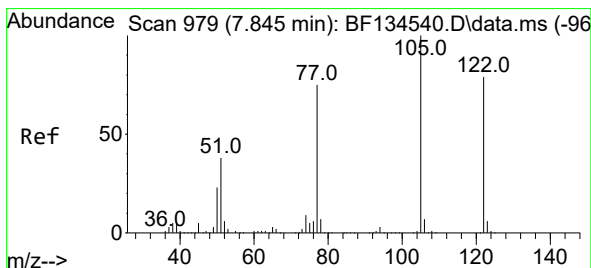
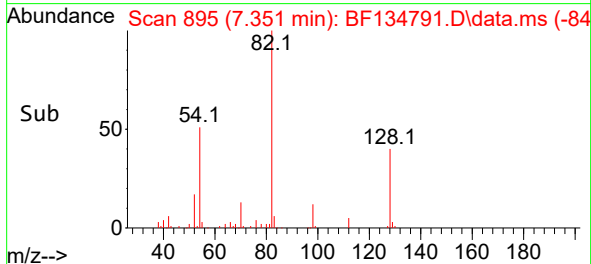
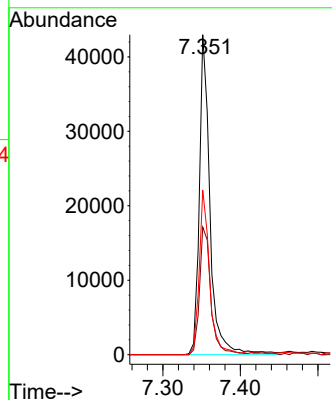
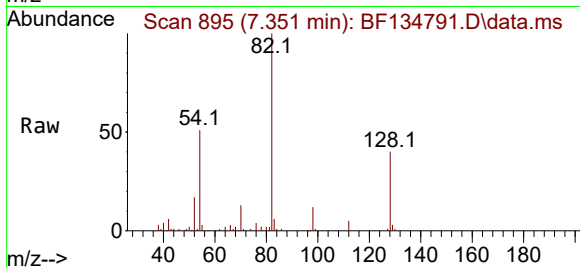
Tgt Ion: 82 Resp: 41102

Ion Ratio Lower Upper

82 100

128 39.9 34.3 51.5

54 51.4 43.8 65.6



#32

Benzoic acid

Concen: 7.881 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.212 min

Lab File: BF134791.D

Acq: 15 Aug 2023 18:51

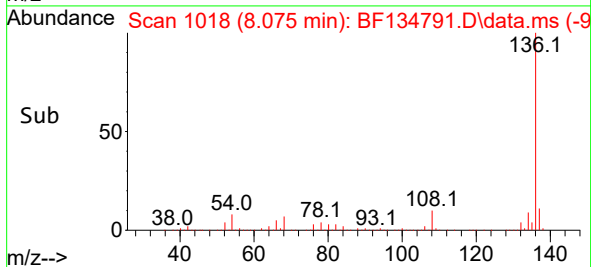
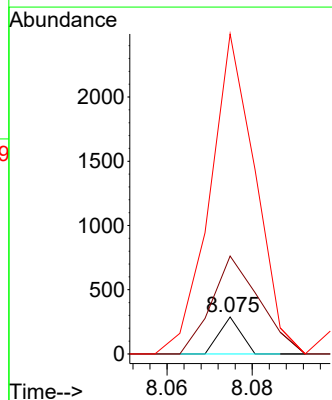
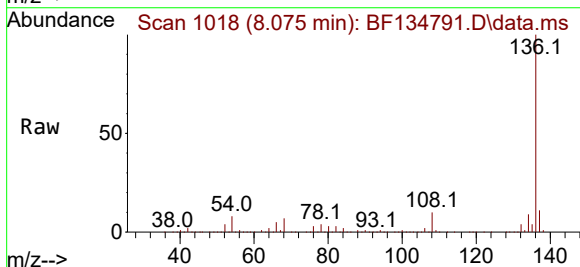
Tgt Ion: 122 Resp: 102

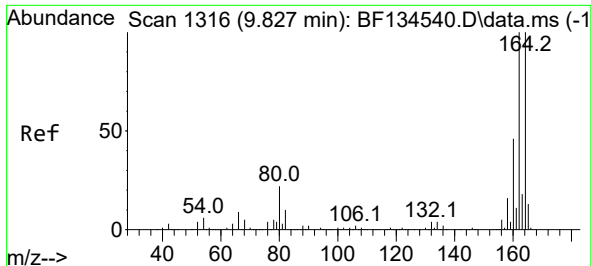
Ion Ratio Lower Upper

122 100

105 264.6 87.5 127.5#

77 864.9 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 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

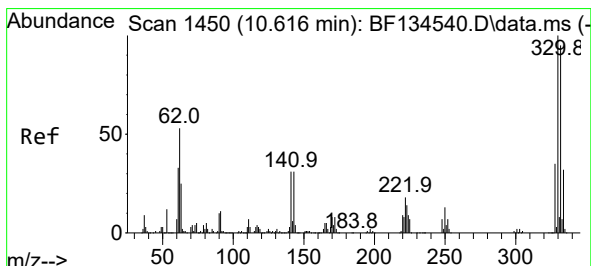
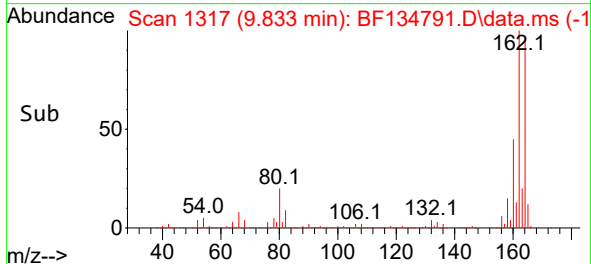
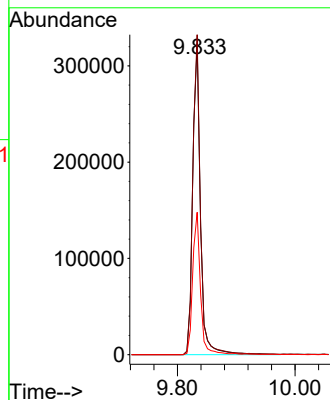
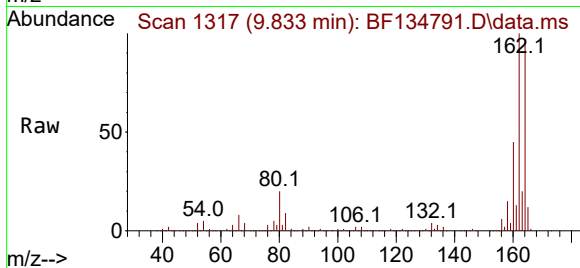
Tgt Ion:164 Resp: 297660

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

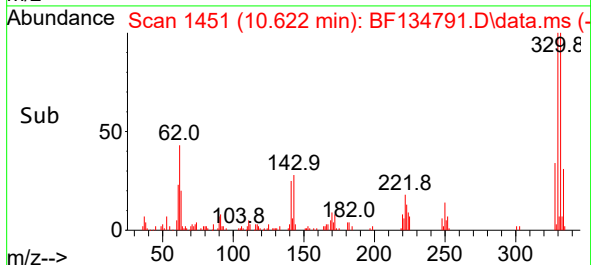
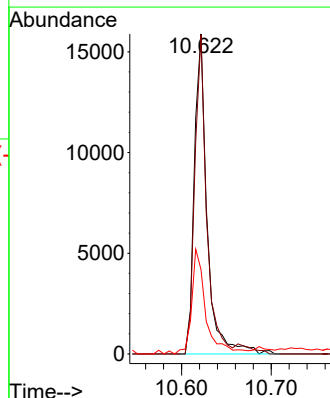
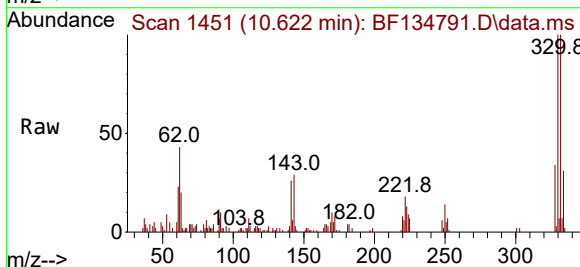
Tgt Ion:330 Resp: 15686

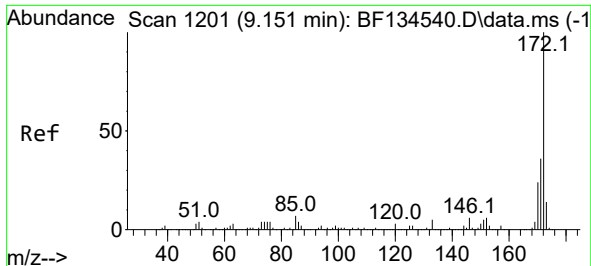
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.012 min

Lab File: BF134791.D

Acq: 15 Aug 2023 18:51

Instrument :

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JC-03-081423-A

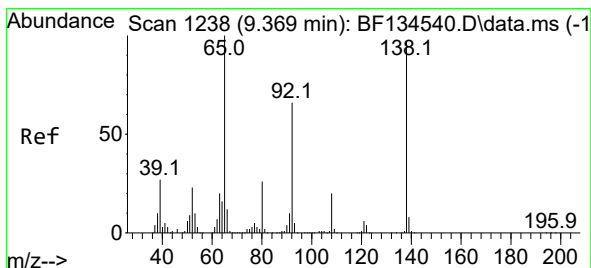
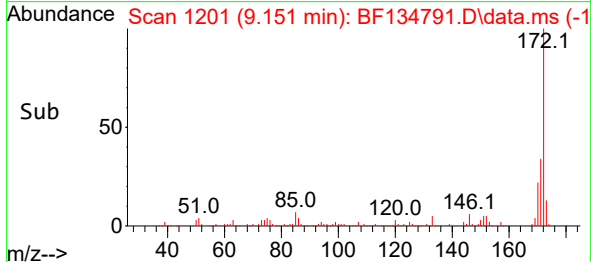
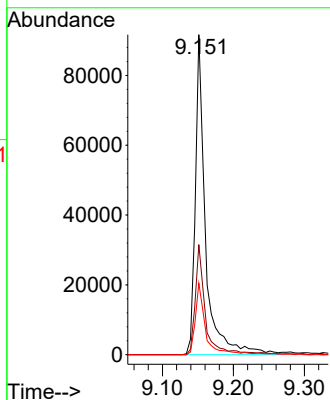
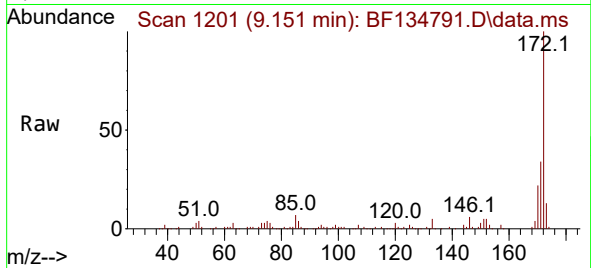
Tgt Ion:172 Resp: 91853

Ion Ratio Lower Upper

172 100

171 34.4 28.8 43.2

170 22.3 18.7 28.1



#48

2-Nitroaniline

Concen: 3.179 ng

RT: 9.581 min Scan# 1274

Delta R.T. 0.200 min

Lab File: BF134791.D

Acq: 15 Aug 2023 18:51

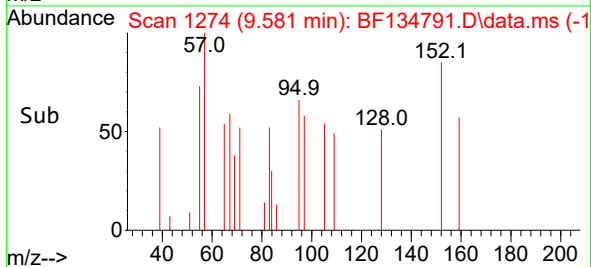
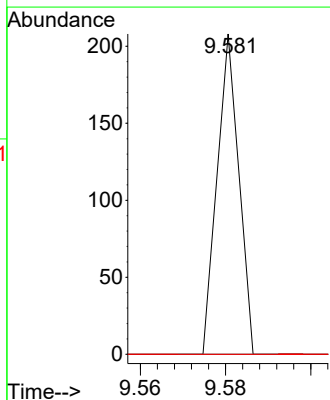
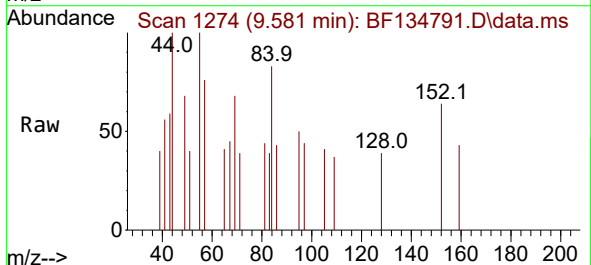
Tgt Ion: 65 Resp: 73

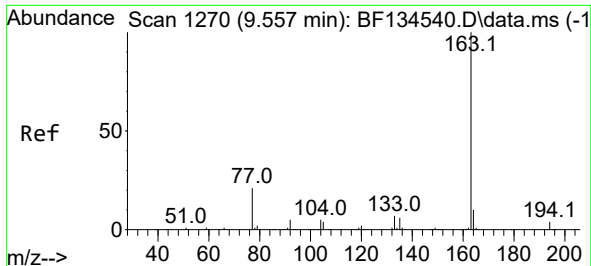
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

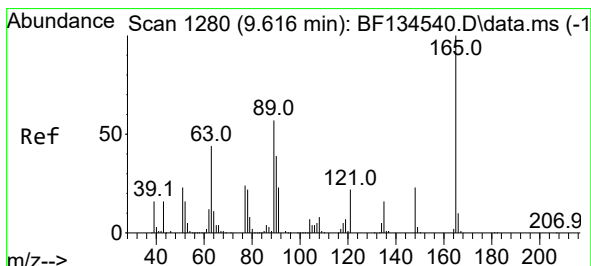
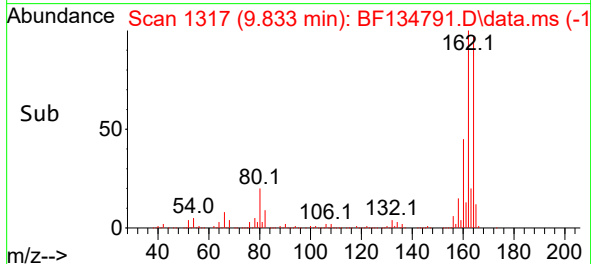
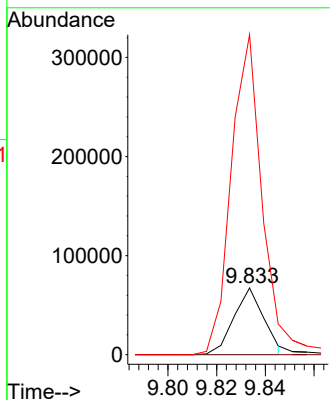
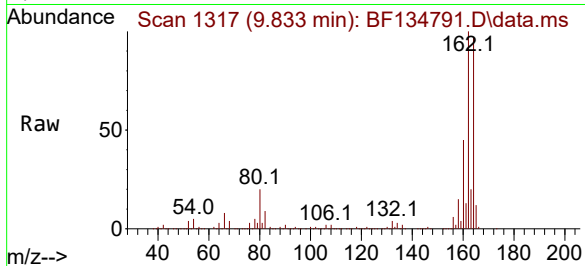




#50
Dimethylphthalate
Concen: 2.853 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134791.D
Acq: 15 Aug 2023 18:51

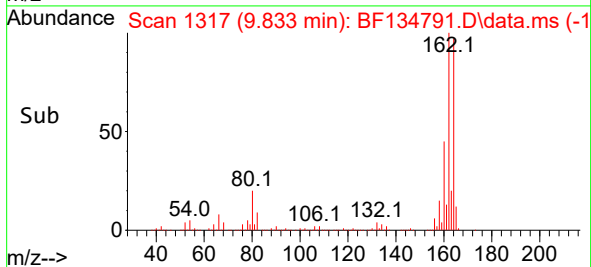
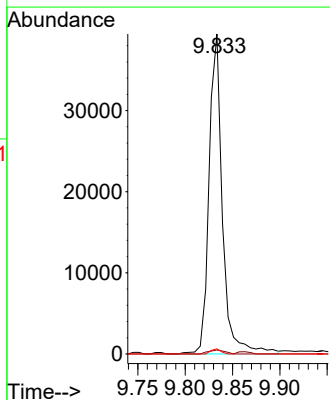
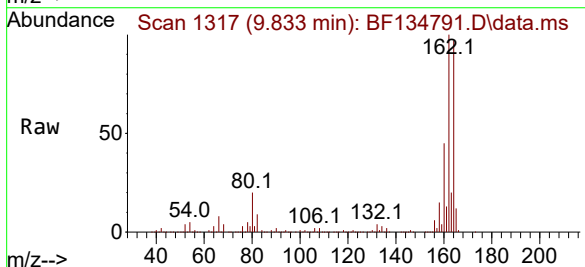
Instrument :
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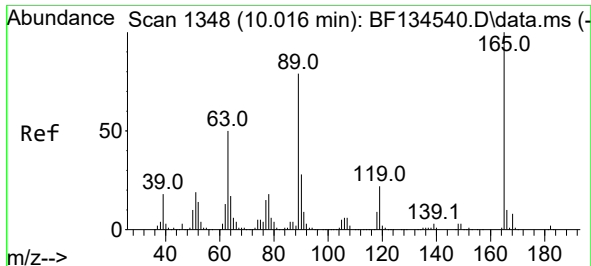
Tgt Ion:163 Resp: 57871
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 479.9 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.301 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134791.D
Acq: 15 Aug 2023 18:51

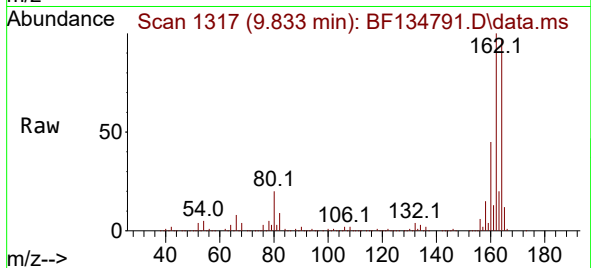
Tgt Ion:165 Resp: 38610
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.6 51.8 77.8#



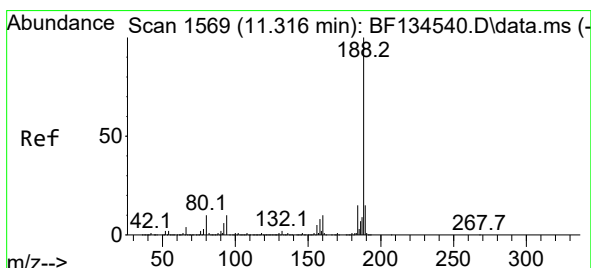
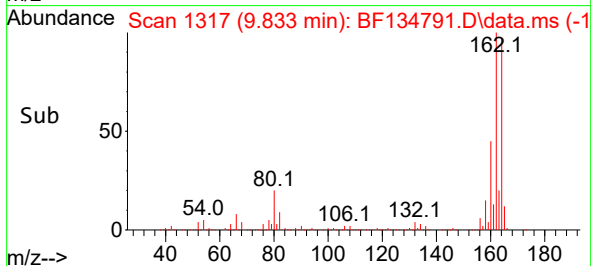
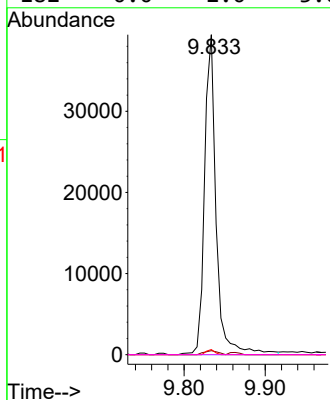


#57
2,4-Dinitrotoluene
Concen: 10.156 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134791.D
Acq: 15 Aug 2023 18:51

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

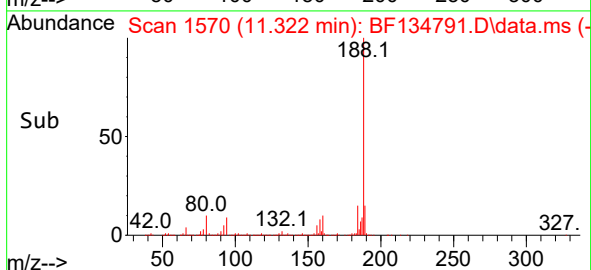
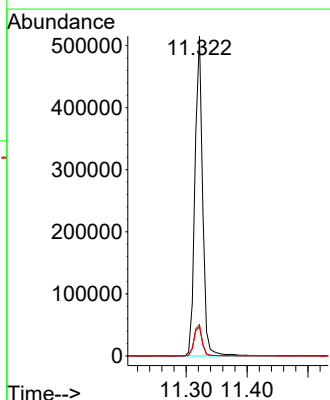
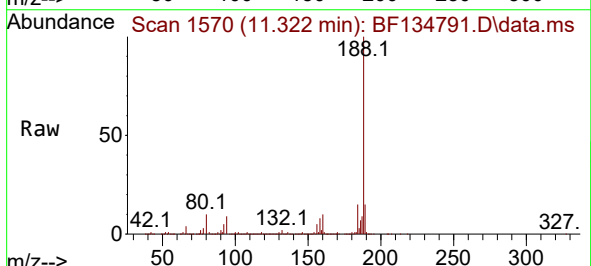


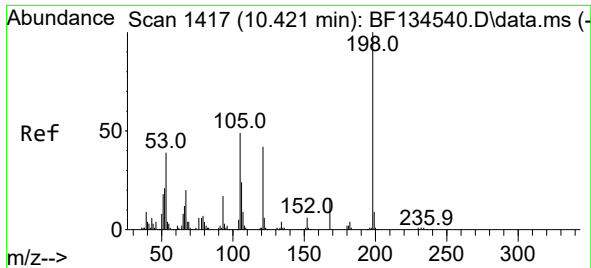
Tgt Ion:165 Resp: 38995
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.6 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134791.D
Acq: 15 Aug 2023 18:51

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

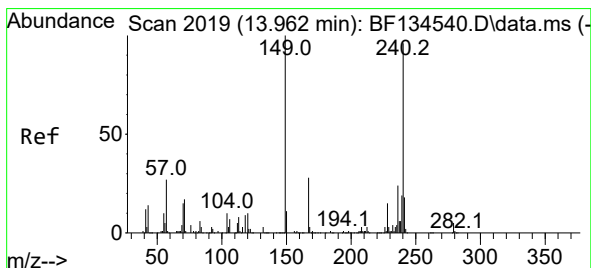
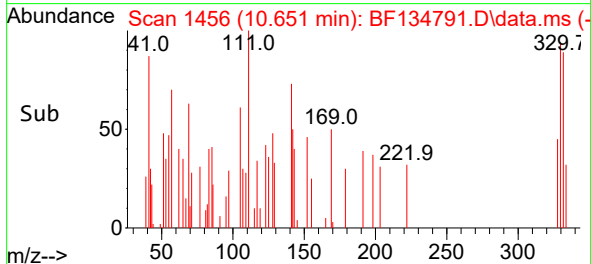
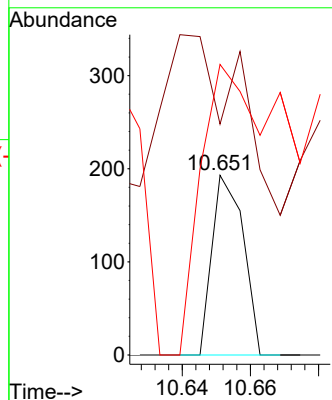
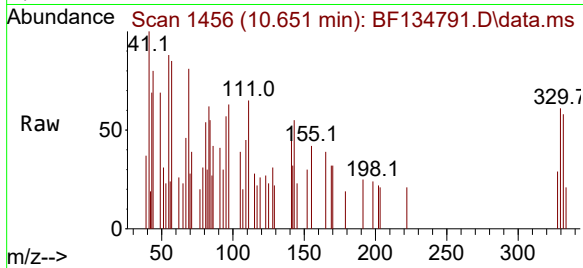




#65
4,6-Dinitro-2-methylphenol
Concen: 8.754 ng
RT: 10.651 min Scan# 1417
Delta R.T. 0.212 min
Lab File: BF134791.D
Acq: 15 Aug 2023 18:51

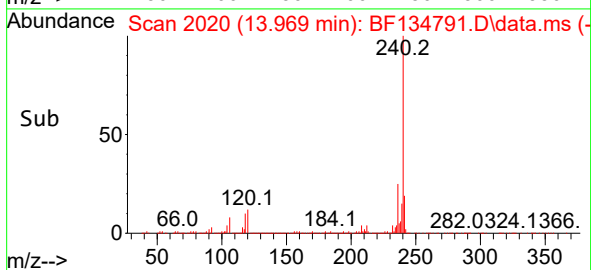
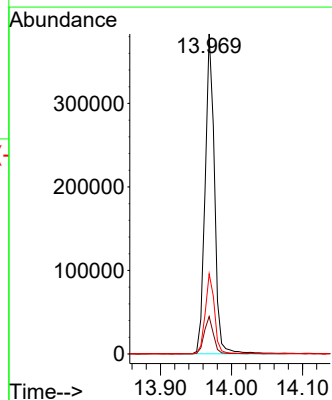
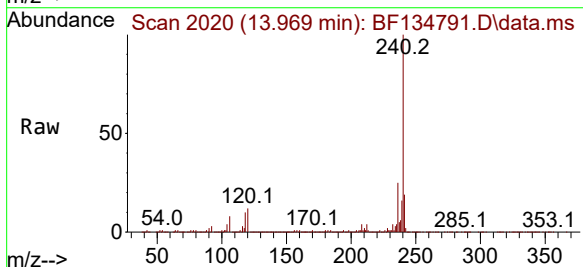
Instrument :
BNA_F
ClientSampleId :
JC-03-081423-A

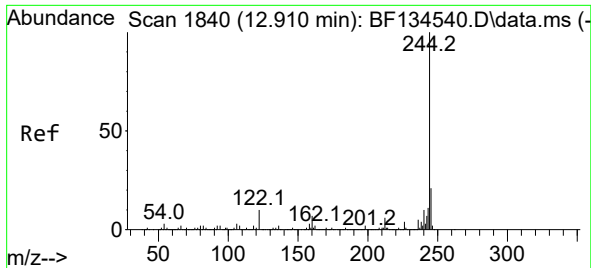
Tgt Ion:198 Resp: 123
Ion Ratio Lower Upper
198 100
51 128.5 38.6 78.6#
105 161.7 27.9 67.9#



#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

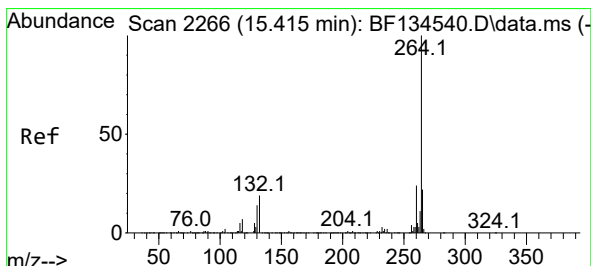
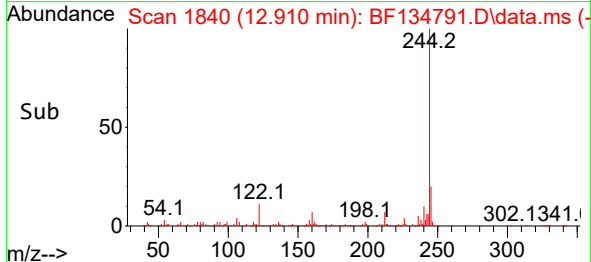
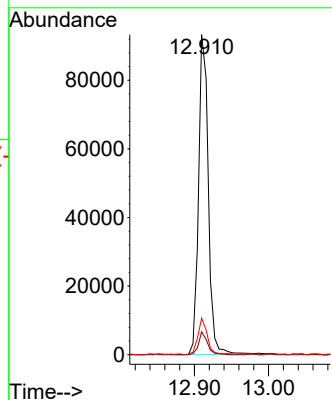
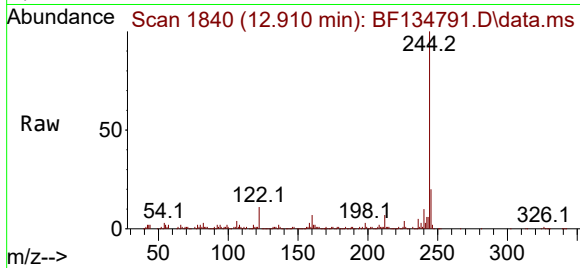




#79
 Terphenyl-d14
 Concen: 4.289 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134791.D
 Acq: 15 Aug 2023 18:51

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

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

