

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134732.D
 Acq On : 11 Aug 2023 14:58
 Operator : CG\JU
 Sample : 03971-05 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP041A

Quant Time: Aug 11 22:21:48 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)

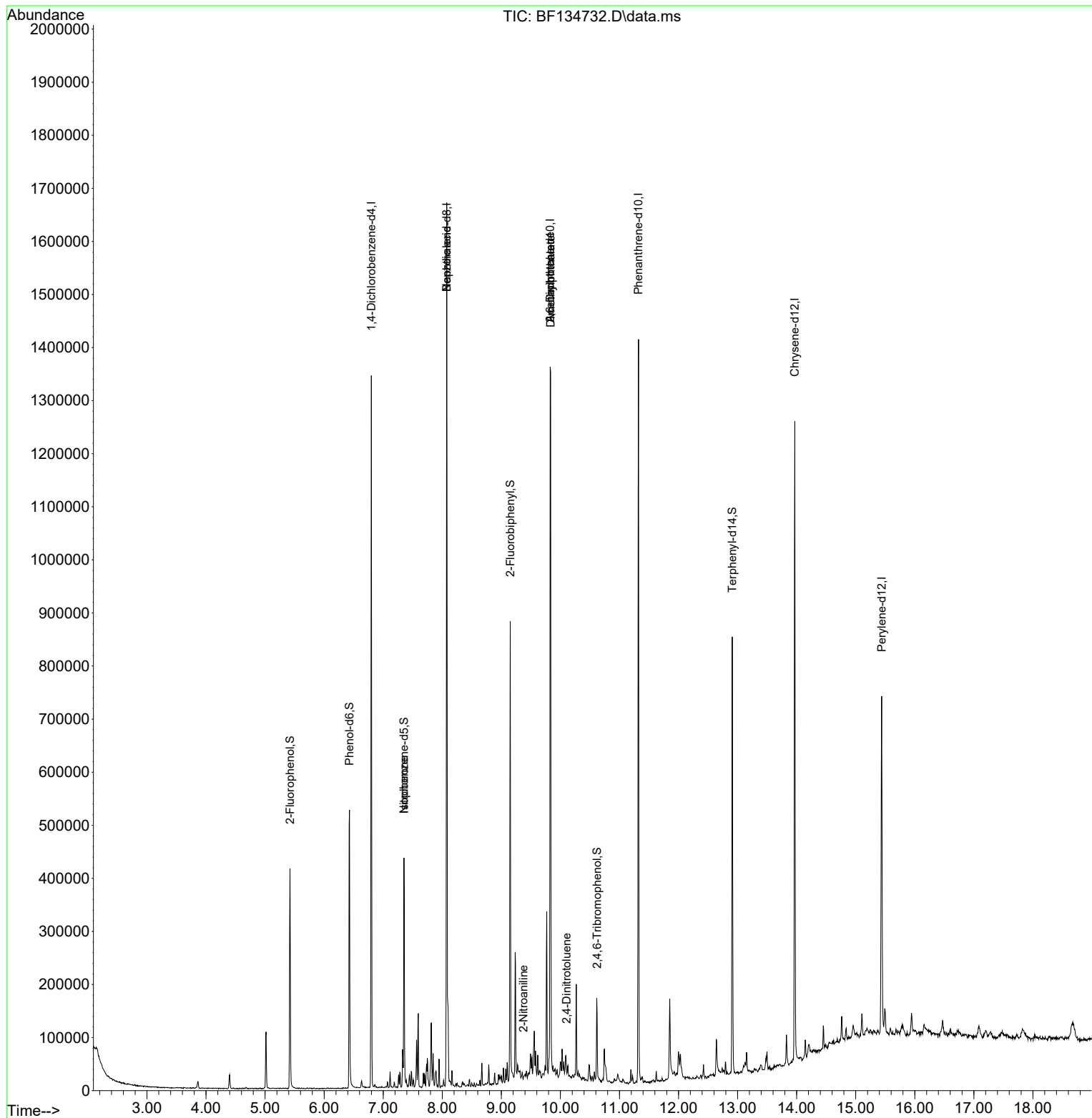
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	173400	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	648041	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	291974	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	490649	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	398411	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	298020	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	110139	9.655	ng	0.00
7) Phenol-d6	6.428	99	183718	12.599	ng	-0.01
23) Nitrobenzene-d5	7.351	82	124573	12.013	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	18575	6.241	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	252613	14.385	ng	-0.01
79) Terphenyl-d14	12.910	244	262949	11.635	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	209	Below Cal	#	44
25) Isophorone	7.351	82	123019	5.439	ng	# 65
32) Benzoic acid	8.075	122	109	7.881	ng	# 1
48) 2-Nitroaniline	9.375	65	149	3.192	ng	# 8
50) Dimethylphthalate	9.834	163	59660	2.998	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	38140	11.363	ng	# 18
57) 2,4-Dinitrotoluene	10.104	165	1470	3.132	ng	# 16

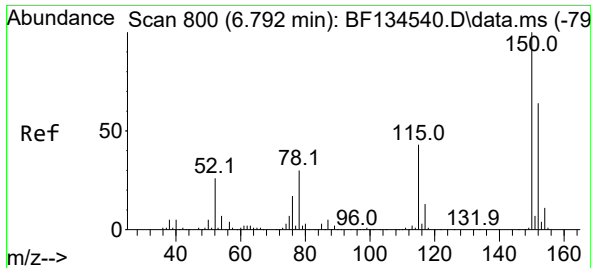
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134732.D
Acq On : 11 Aug 2023 14:58
Operator : CG\JU
Sample : 03971-05 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP041A

Quant Time: Aug 11 22:21:48 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

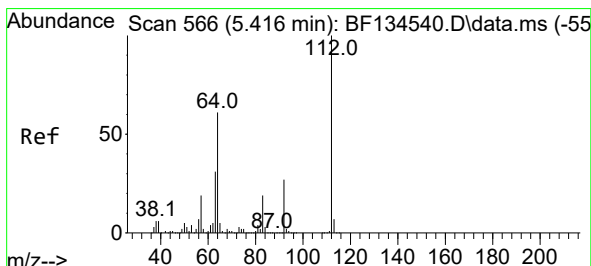
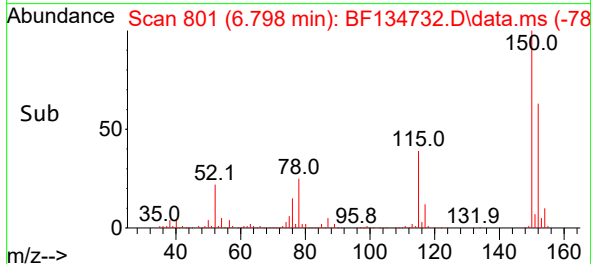
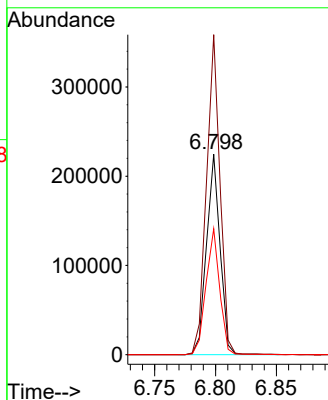
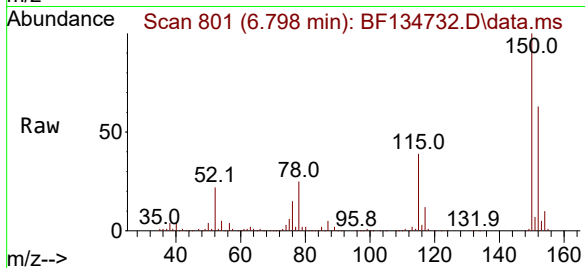




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134732.D
 Acq: 11 Aug 2023 14:58

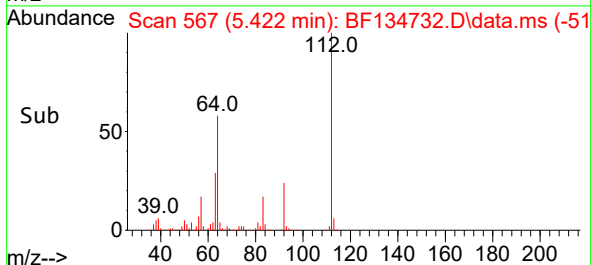
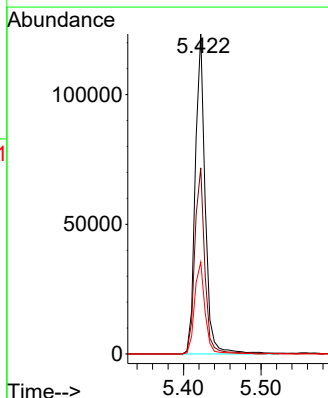
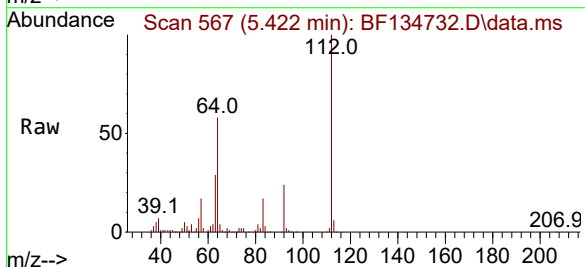
Instrument :
 BNA_F
 ClientSampleId :
 B-PP041A

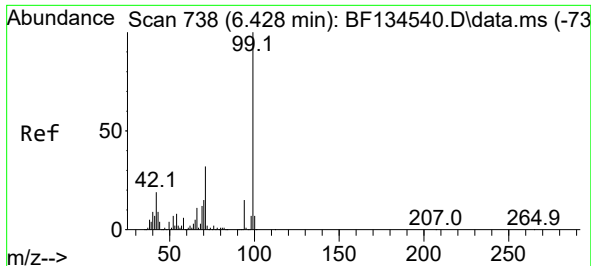
Tgt Ion:152 Resp: 173400
 Ion Ratio Lower Upper
 152 100
 150 159.6 128.3 192.5
 115 62.8 52.4 78.6



#5
 2-Fluorophenol
 Concen: 9.655 ng
 RT: 5.422 min Scan# 567
 Delta R.T. -0.006 min
 Lab File: BF134732.D
 Acq: 11 Aug 2023 14:58

Tgt Ion:112 Resp: 110139
 Ion Ratio Lower Upper
 112 100
 64 58.2 44.9 67.3
 63 28.7 25.4 38.0





#7
Phenol-d6
Concen: 12.599 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

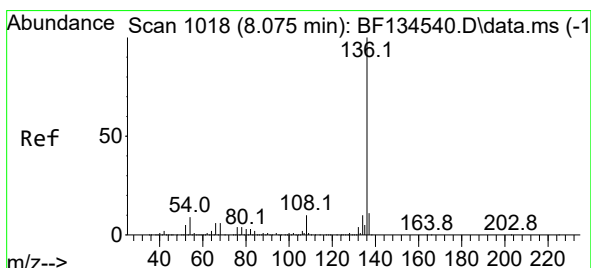
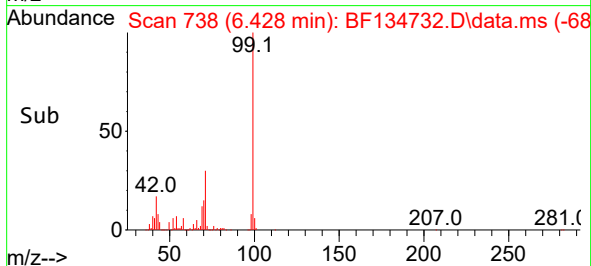
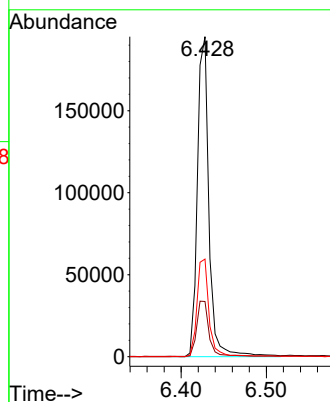
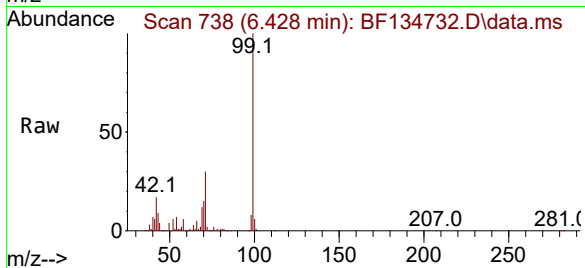
Instrument :

BNA_F

ClientSampleId :

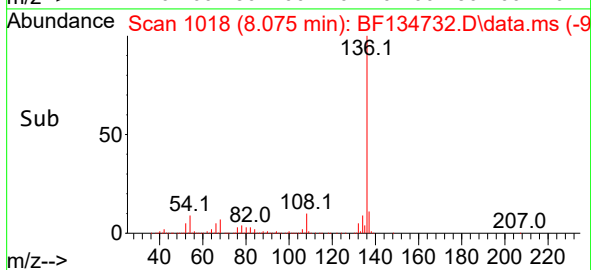
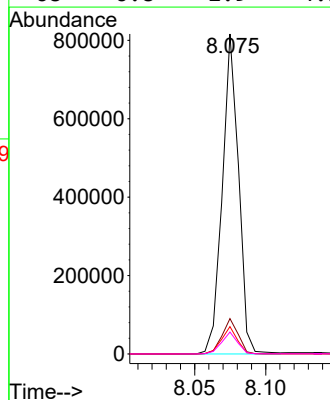
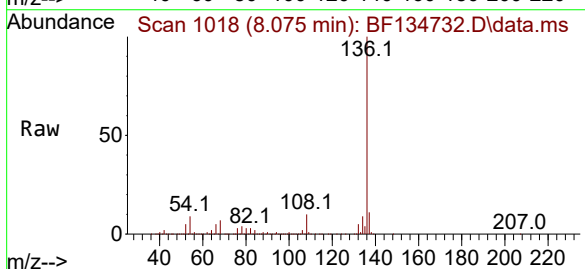
B-PP041A

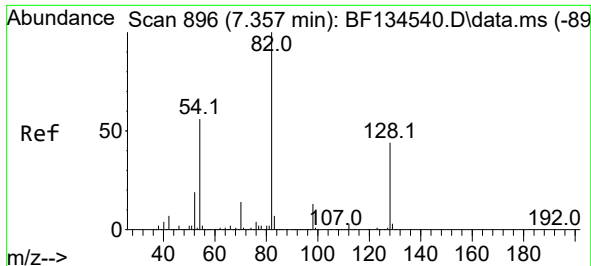
Tgt Ion: 99 Resp: 183718
Ion Ratio Lower Upper
99 100
42 17.3 18.7 28.1#
71 30.5 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

Tgt Ion:136 Resp: 648041
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.6 5.2 7.8#
68 6.8 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 12.013 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF134732.D

Acq: 11 Aug 2023 14:58

Instrument :

BNA_F

ClientSampleId :

B-PP041A

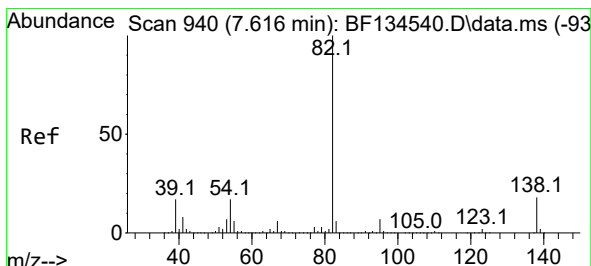
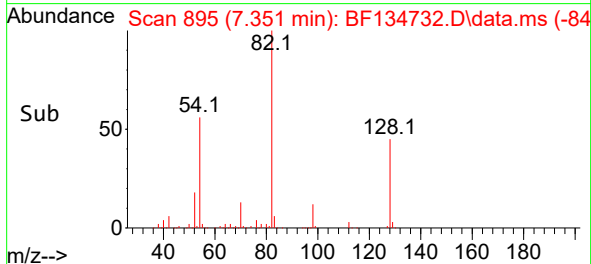
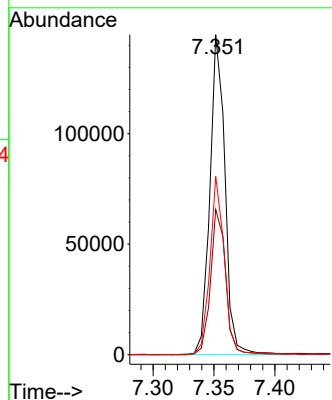
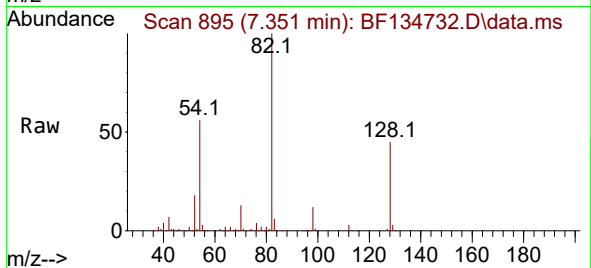
Tgt Ion: 82 Resp: 124573

Ion Ratio Lower Upper

82 100

128 45.3 34.3 51.5

54 55.7 43.8 65.6



#25

Isophorone

Concen: 5.439 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.276 min

Lab File: BF134732.D

Acq: 11 Aug 2023 14:58

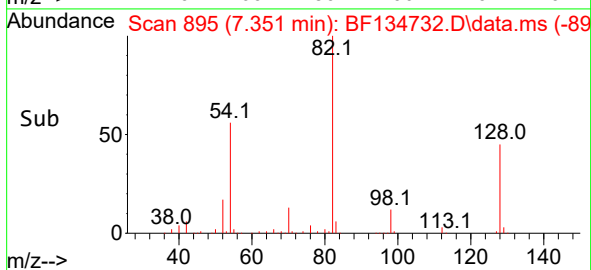
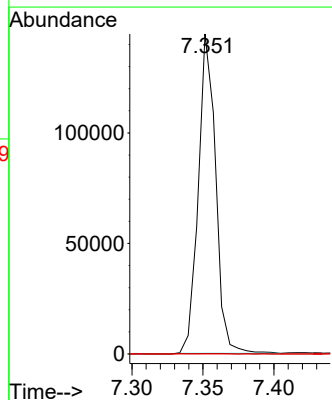
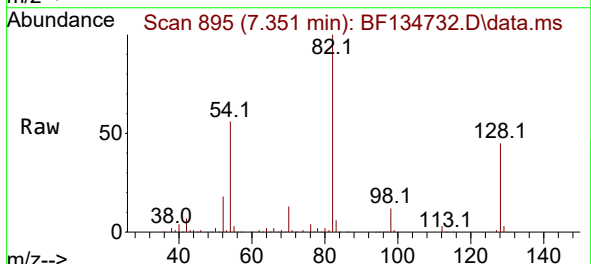
Tgt Ion: 82 Resp: 123019

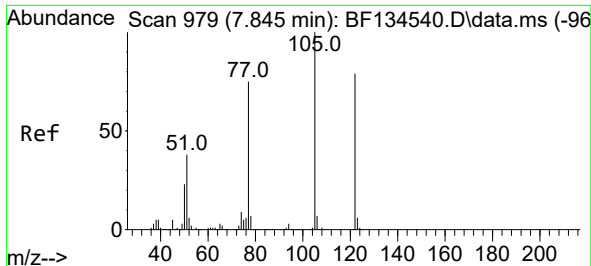
Ion Ratio Lower Upper

82 100

95 0.1 6.0 9.0#

138 0.0 14.6 22.0#

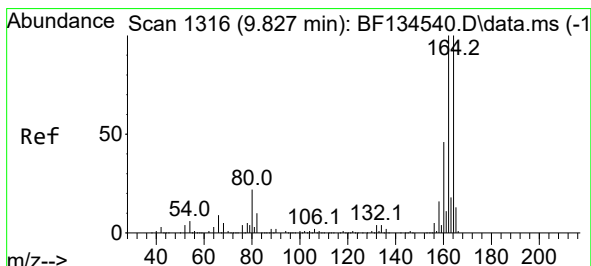
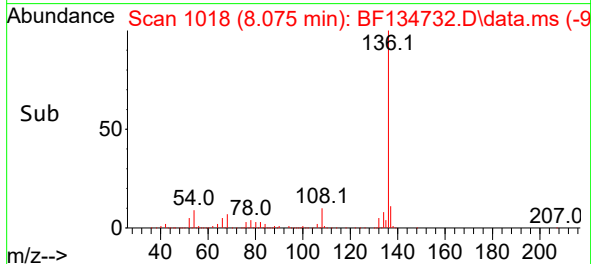
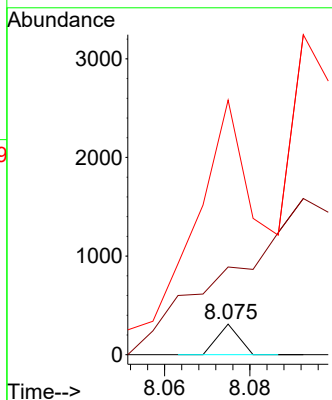
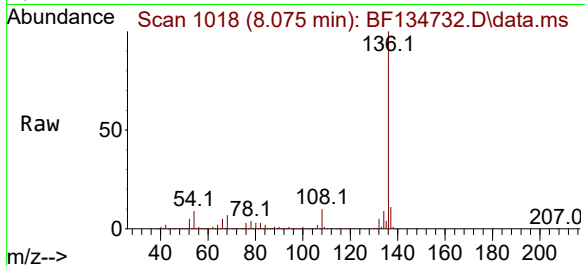




#32
Benzoic acid
Concen: 7.881 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.212 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

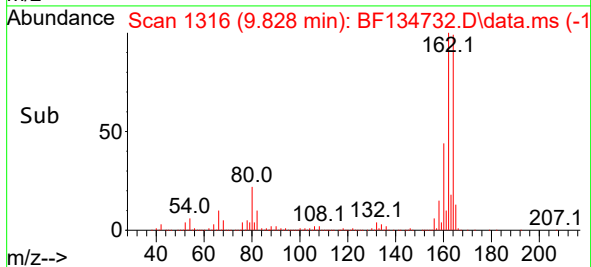
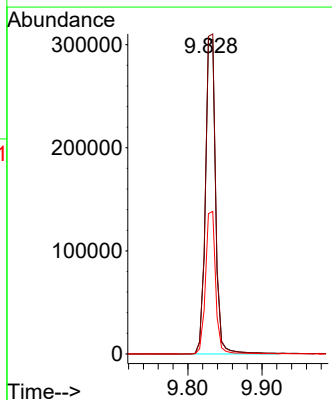
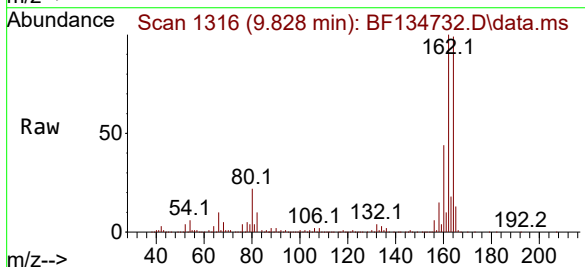
Instrument :
BNA_F
ClientSampleId :
B-PP041A

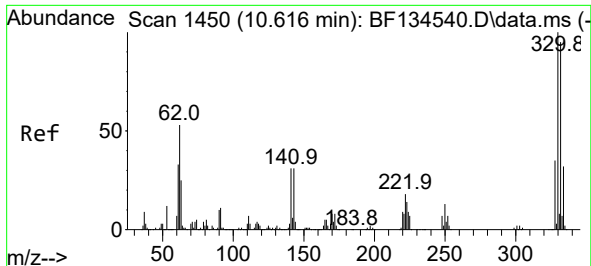
Tgt Ion:122 Resp: 109
Ion Ratio Lower Upper
122 100
105 286.8 87.5 127.5#
77 832.9 71.4 111.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

Tgt Ion:164 Resp: 291974
Ion Ratio Lower Upper
164 100
162 101.0 82.6 123.8
160 44.6 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 6.241 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134732.D

Acq: 11 Aug 2023 14:58

Instrument :

BNA_F

ClientSampleId :

B-PP041A

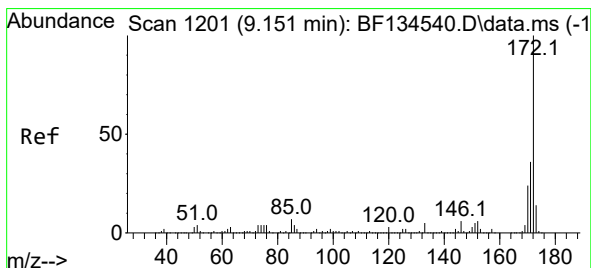
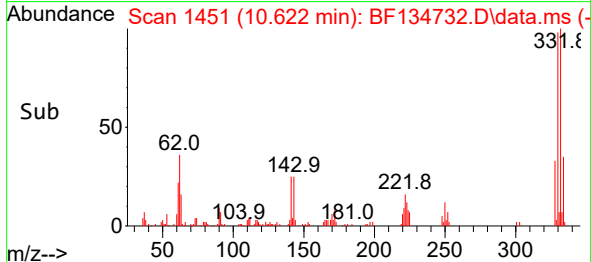
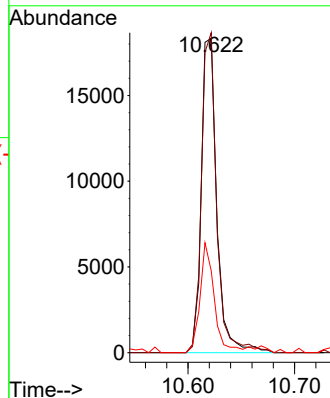
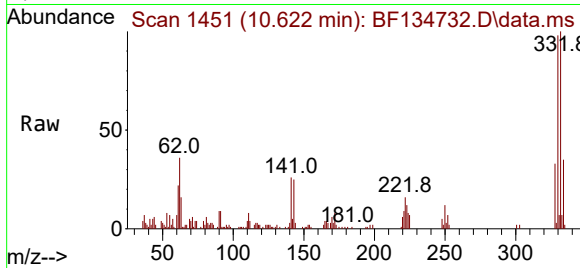
Tgt Ion:330 Resp: 18575

Ion Ratio Lower Upper

330 100

332 99.8 78.8 118.2

141 32.1 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 14.385 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134732.D

Acq: 11 Aug 2023 14:58

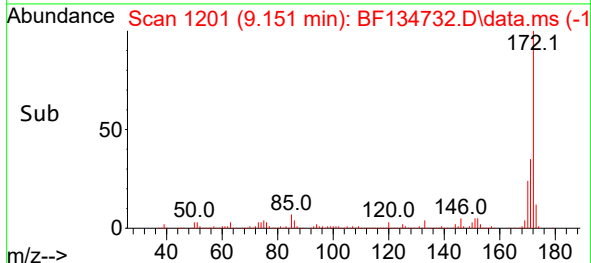
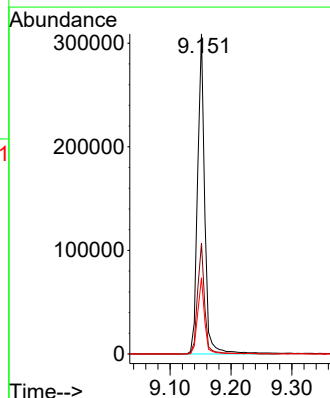
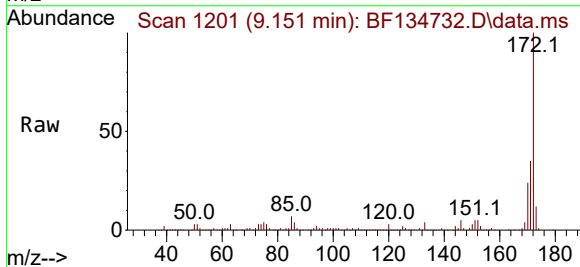
Tgt Ion:172 Resp: 252613

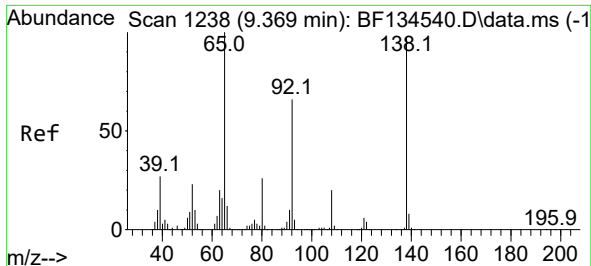
Ion Ratio Lower Upper

172 100

171 34.6 28.8 43.2

170 23.8 18.7 28.1

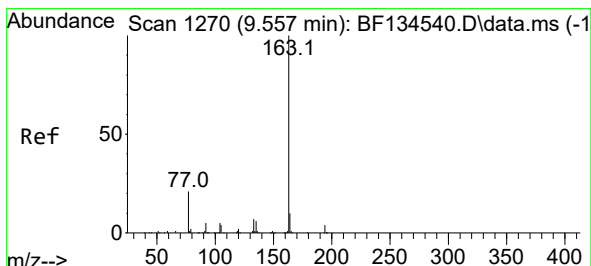
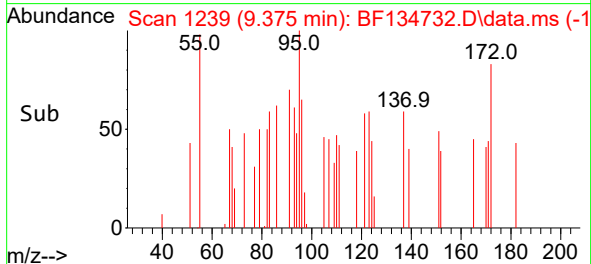
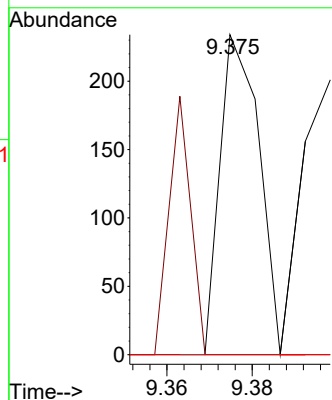
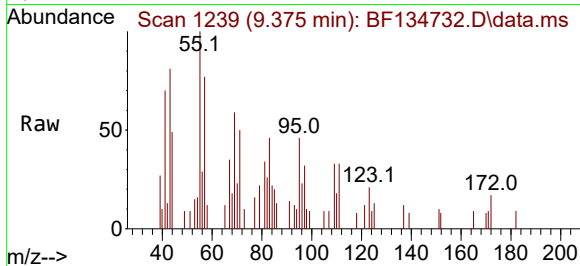




#48
2-Nitroaniline
Concen: 3.192 ng
RT: 9.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

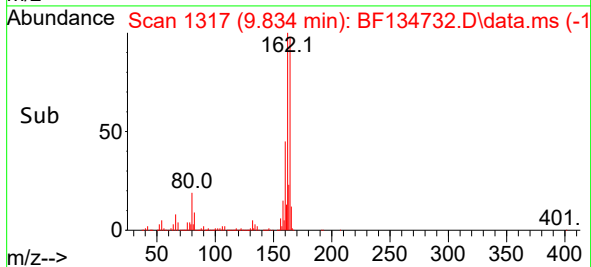
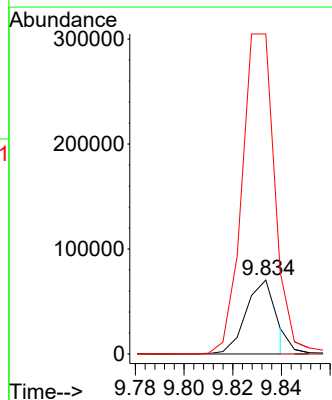
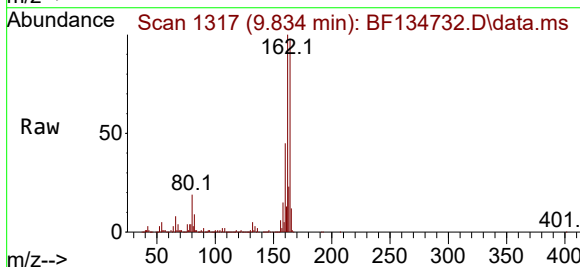
Instrument :
BNA_F
ClientSampleId :
B-PP041A

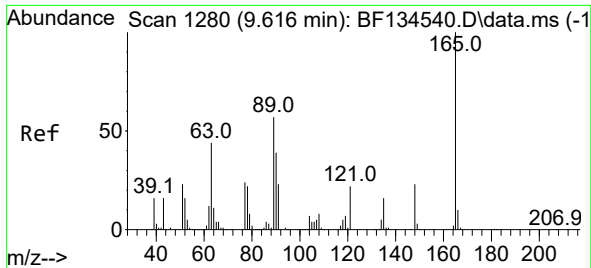
Tgt Ion: 65 Resp: 149
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 0.0 78.2 117.4#



#50
Dimethylphthalate
Concen: 2.998 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

Tgt Ion: 163 Resp: 59660
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 432.7 7.5 11.3#

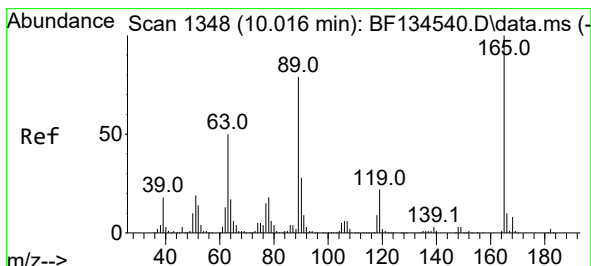
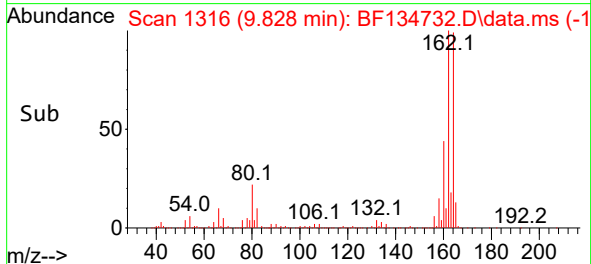
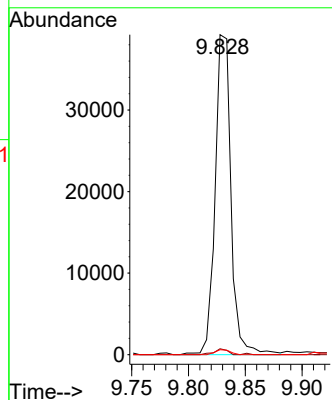
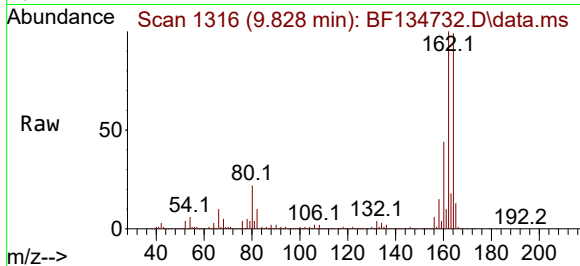




#51
2,6-Dinitrotoluene
Concen: 11.363 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

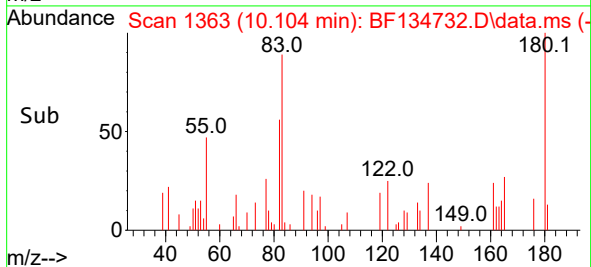
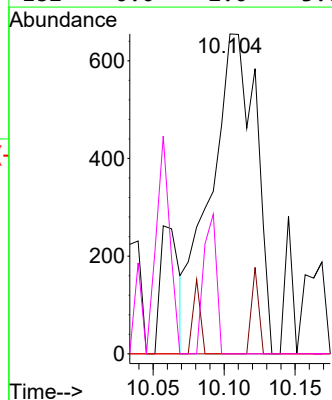
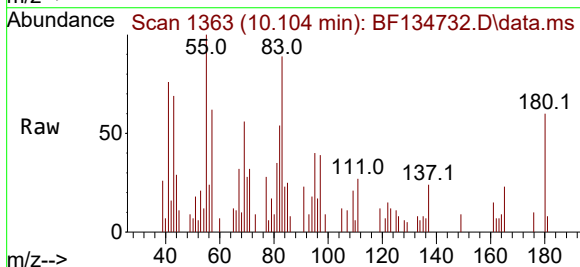
Instrument :
BNA_F
ClientSampleId :
B-PP041A

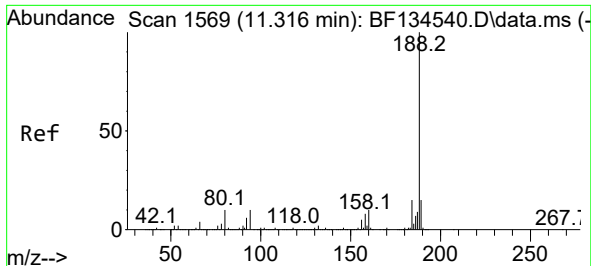
Tgt Ion:165 Resp: 38140
Ion Ratio Lower Upper
165 100
63 1.9 57.8 86.6#
89 1.5 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 3.132 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.077 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

Tgt Ion:165 Resp: 1470
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 0.0 61.7 92.5#
182 0.0 2.0 3.0#

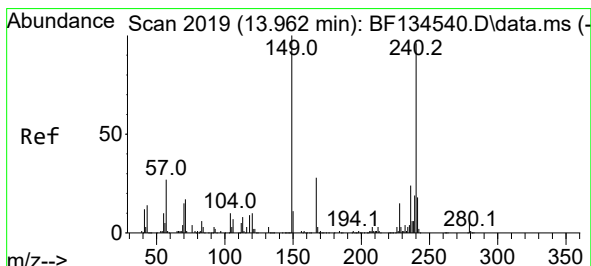
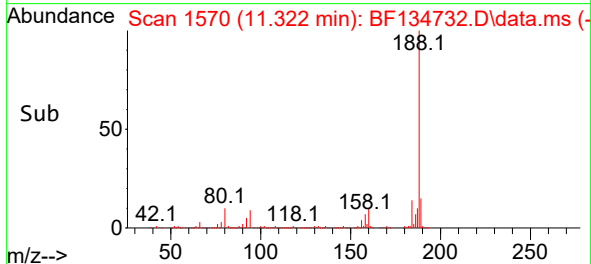
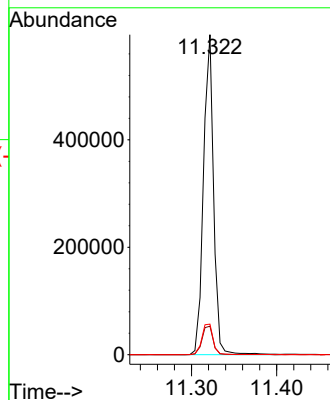
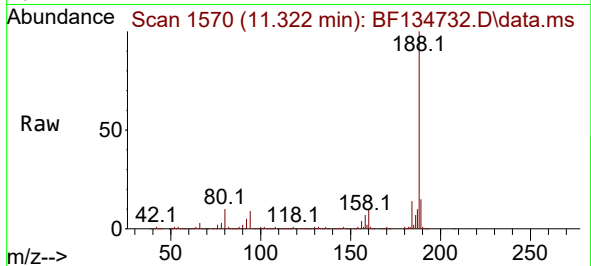




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

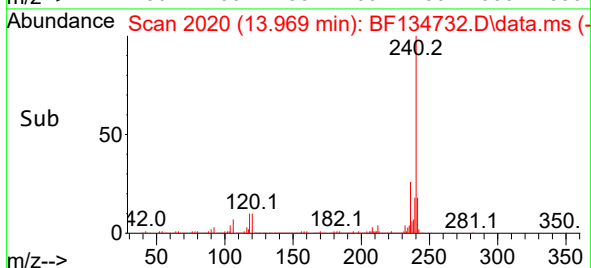
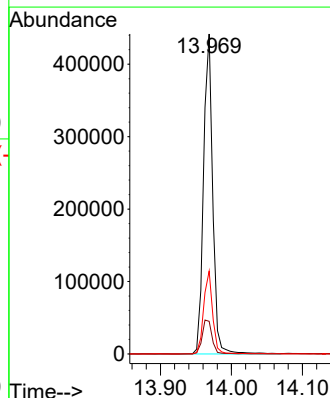
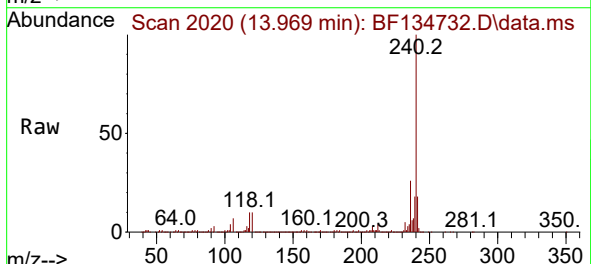
Instrument :
BNA_F
ClientSampleId :
B-PP041A

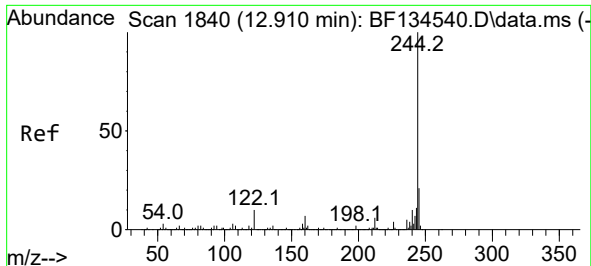
Tgt Ion:188 Resp: 490649
Ion Ratio Lower Upper
188 100
94 8.9 5.1 7.7#
80 9.6 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134732.D
Acq: 11 Aug 2023 14:58

Tgt Ion:240 Resp: 398411
Ion Ratio Lower Upper
240 100
120 10.2 6.6 10.0#
236 25.9 20.2 30.2

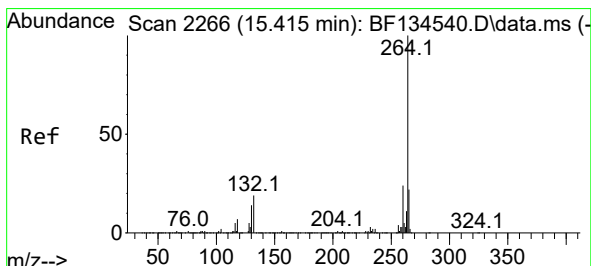
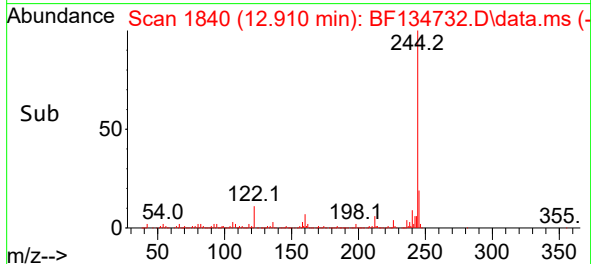
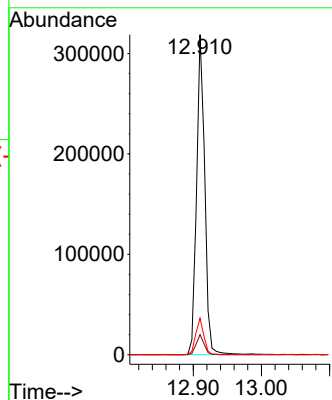
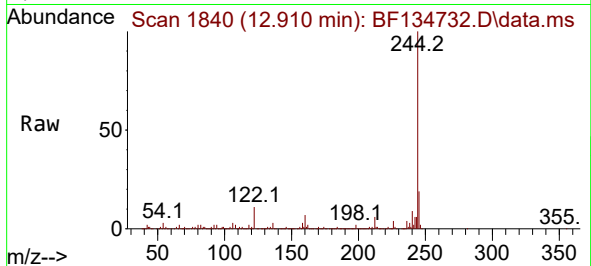




#79
 Terphenyl-d14
 Concen: 11.635 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134732.D
 Acq: 11 Aug 2023 14:58

Instrument :
 BNA_F
 ClientSampleId :
 B-PP041A

Tgt Ion:244 Resp: 262949
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 11.4 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: BF134732.D
 Acq: 11 Aug 2023 14:58

Tgt Ion:264 Resp: 298020
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.5 15.8 23.8

