

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134531.D
 Acq On : 29 Jul 2023 00:10
 Operator : CG\JU
 Sample : 03645-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-(1-3)

Quant Time: Jul 29 01:29:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

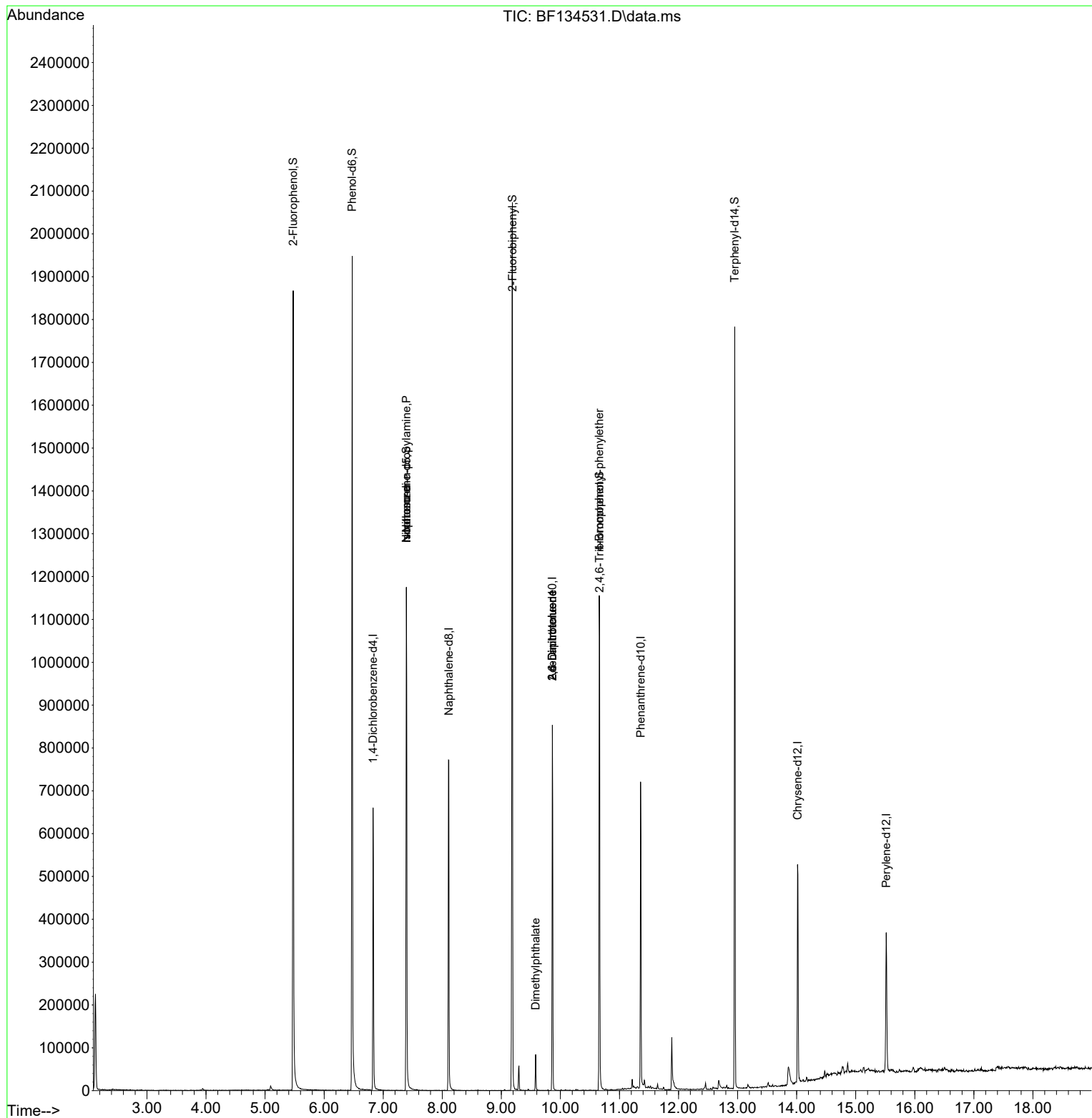
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	99614	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	368068	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	164170	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	266517	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	176024	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	152338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	480258	79.655	ng	0.01
7) Phenol-d6	6.475	99	574170	77.727	ng	0.00
23) Nitrobenzene-d5	7.393	82	379320	52.141	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	153935	65.994	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	663691	53.072	ng	0.00
79) Terphenyl-d14	12.951	244	577061	57.228	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.393	70	52759	11.473	ng	# 78
25) Isophorone	7.393	82	379317	31.285	ng	# 65
50) Dimethylphthalate	9.581	163	28822	2.368	ng	98
51) 2,6-Dinitrotoluene	9.863	165	21208	7.942	ng	# 18
57) 2,4-Dinitrotoluene	9.863	165	21208	5.913	ng	# 19
67) 4-Bromophenyl-phenylether	10.657	248	9086	3.112	ng	# 1

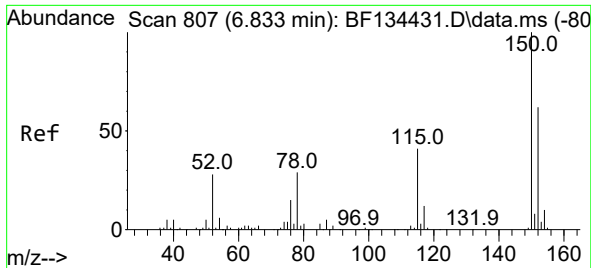
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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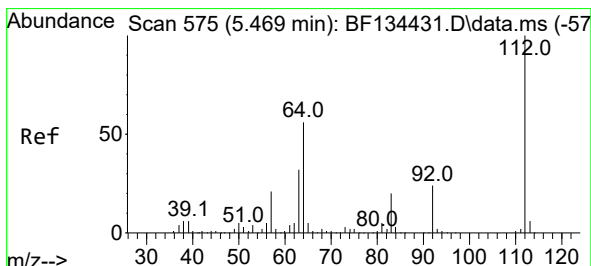
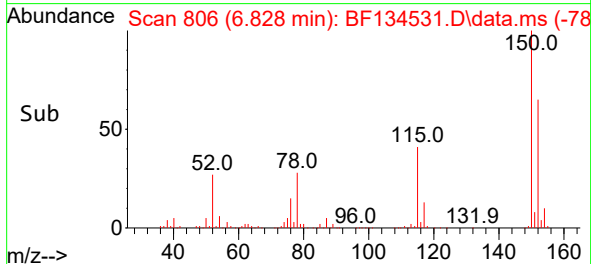
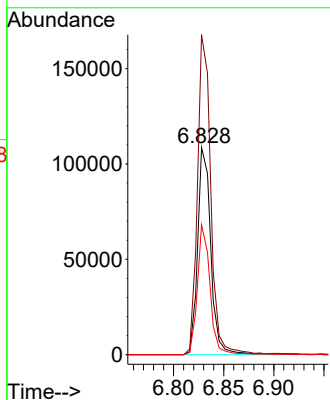
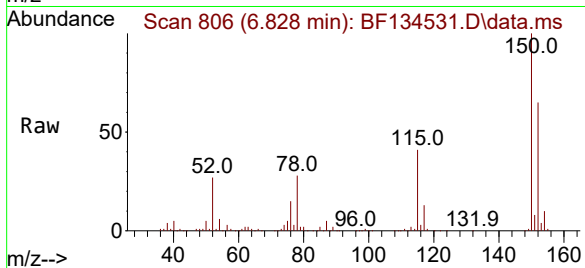




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

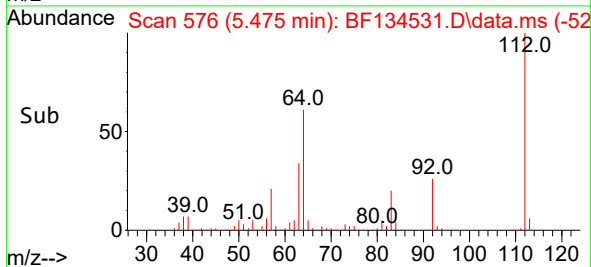
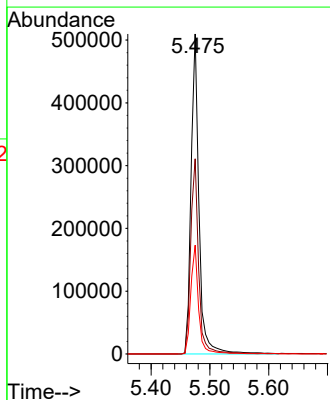
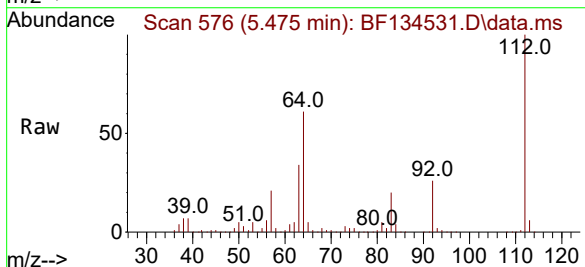
Instrument :
BNA_F
ClientSampleId :
SB-07-(1-3)

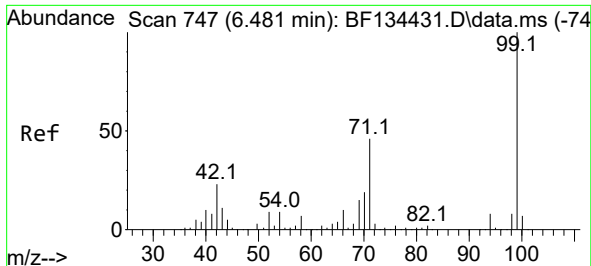
Tgt Ion:152 Resp: 99614
Ion Ratio Lower Upper
152 100
150 154.4 128.3 192.5
115 62.7 52.4 78.6



#5
2-Fluorophenol
Concen: 79.655 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

Tgt Ion:112 Resp: 480258
Ion Ratio Lower Upper
112 100
64 61.0 44.9 67.3
63 34.0 25.4 38.0

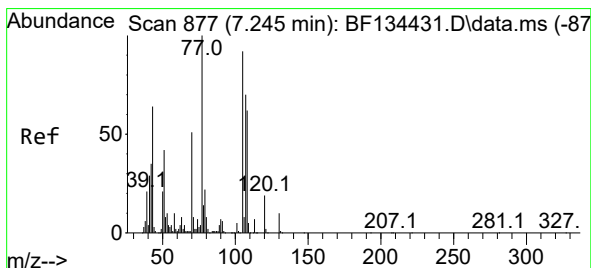
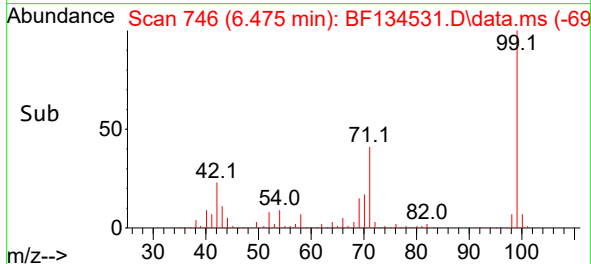
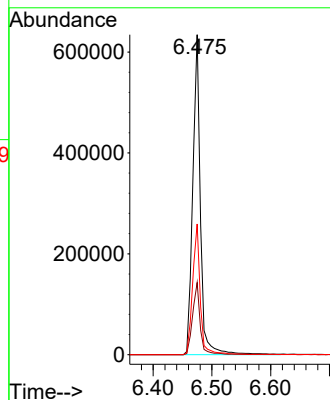
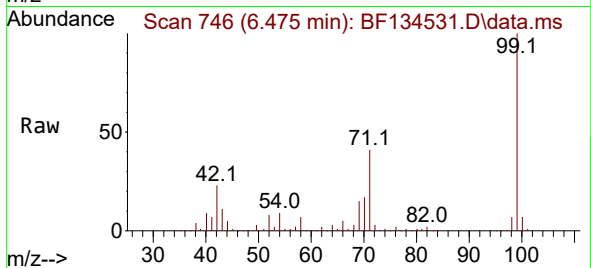




#7
Phenol-d6
Concen: 77.727 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

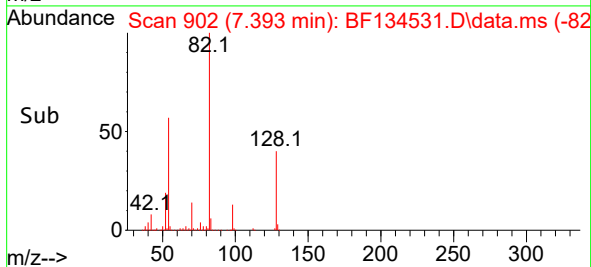
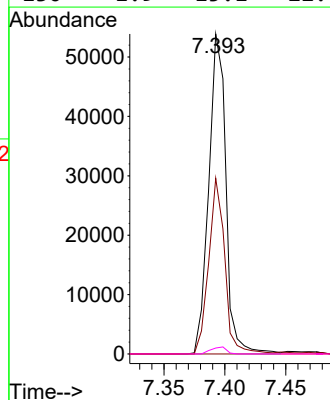
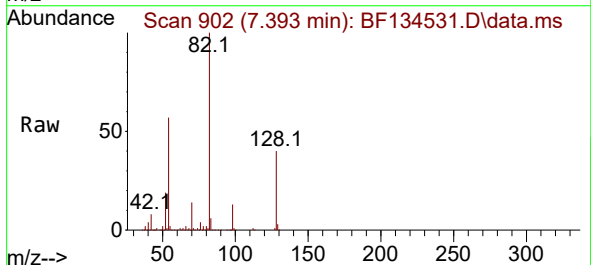
Instrument :
BNA_F
ClientSampleId :
SB-07-(1-3)

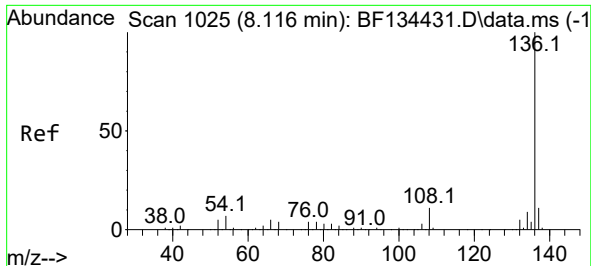
Tgt Ion: 99 Resp: 574170
Ion Ratio Lower Upper
99 100
42 22.6 18.7 28.1
71 40.9 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.473 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.153 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

Tgt Ion: 70 Resp: 52759
Ion Ratio Lower Upper
70 100
42 54.9 54.7 82.1
101 0.0 8.2 12.2#
130 1.9 15.1 22.7#



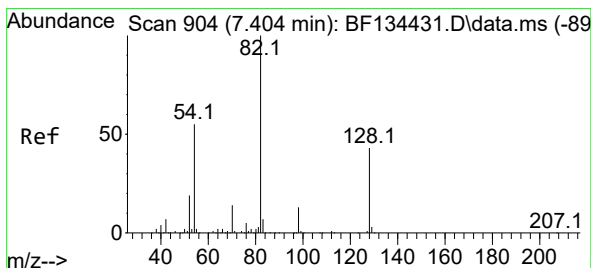
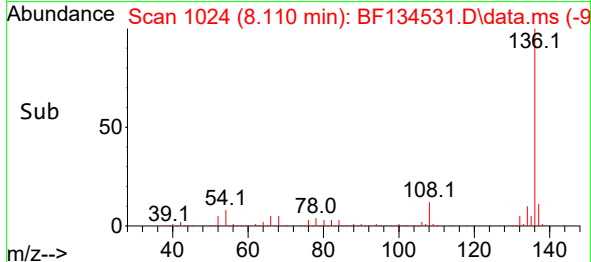
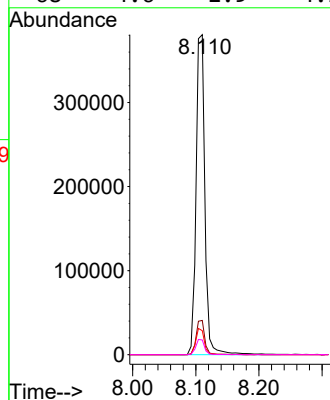
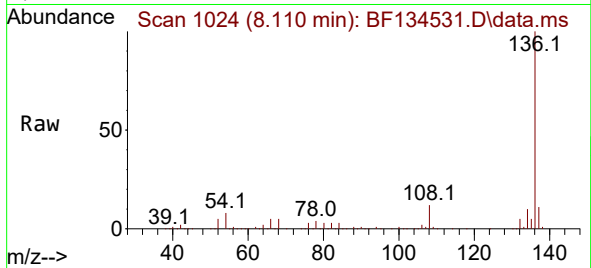


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

Instrument :
BNA_F
ClientSampleId :
SB-07-(1-3)

Tgt Ion:136 Resp: 368068

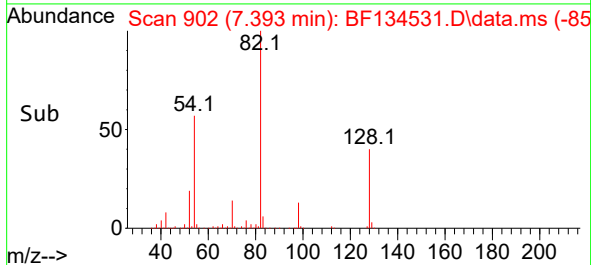
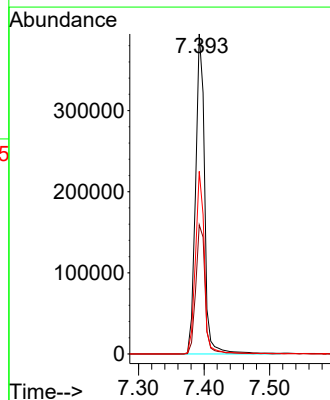
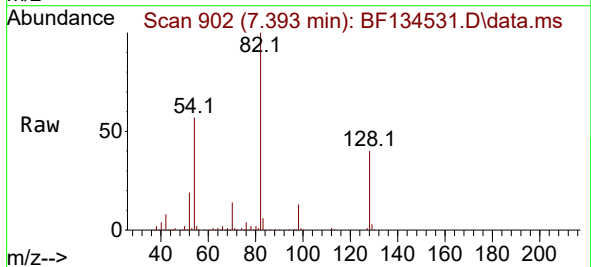
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.5	5.2	7.8
68	4.6	2.9	4.3

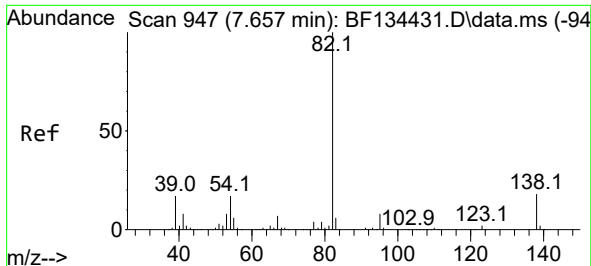


#23
Nitrobenzene-d5
Concen: 52.141 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

Tgt Ion: 82 Resp: 379320

Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.3	51.5
54	57.0	43.8	65.6

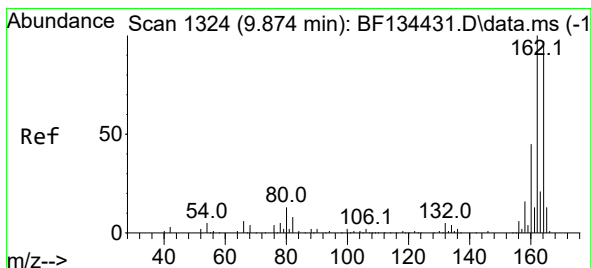
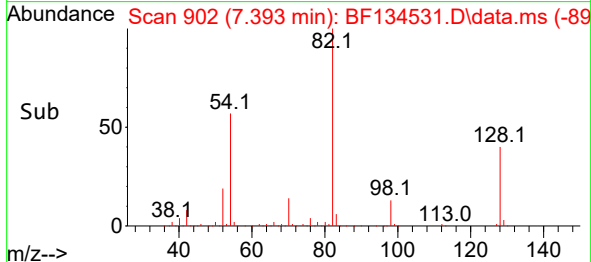
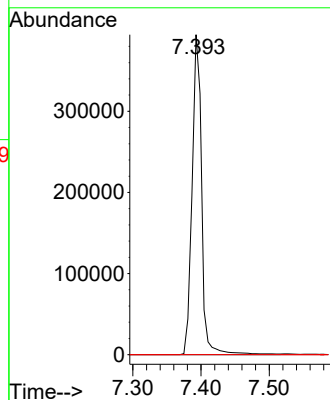
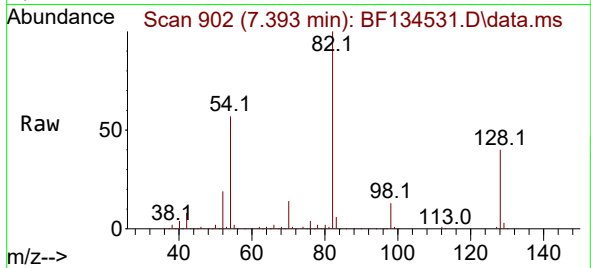




#25
Isophorone
Concen: 31.285 ng
RT: 7.393 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

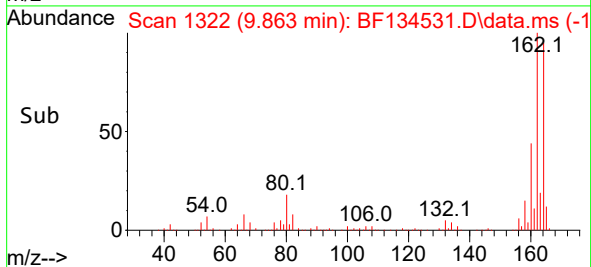
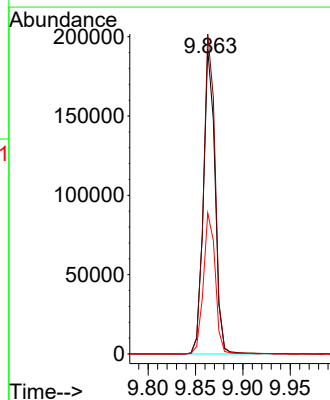
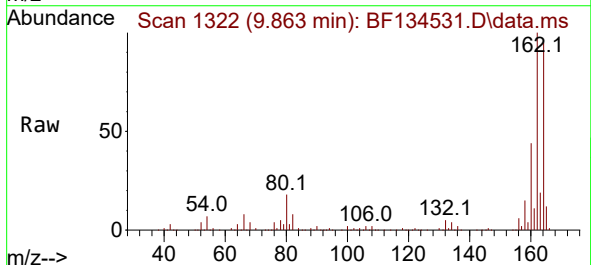
Instrument :
BNA_F
ClientSampleId :
SB-07-(1-3)

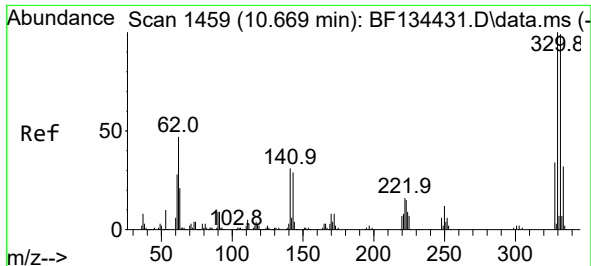
Tgt Ion: 82 Resp: 379317
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

Tgt Ion:164 Resp: 164170
Ion Ratio Lower Upper
164 100
162 104.9 82.6 123.8
160 46.2 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 65.994 ng

RT: 10.663 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF134531.D

Acq: 29 Jul 2023 00:10

Instrument :

BNA_F

ClientSampleId :

SB-07-(1-3)

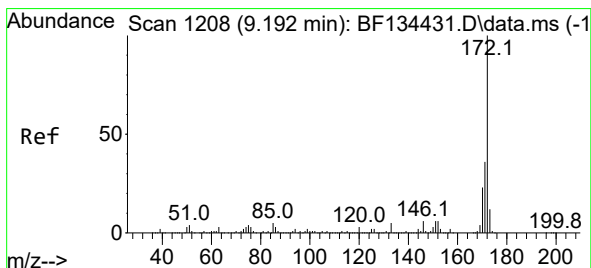
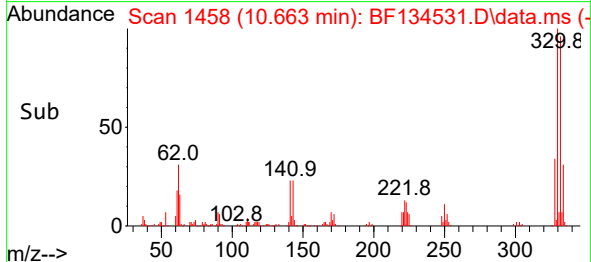
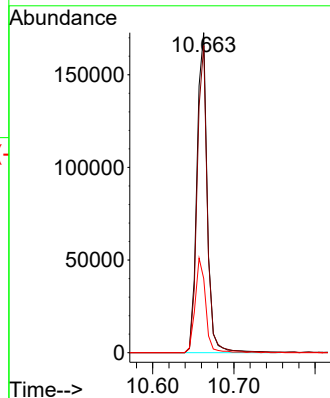
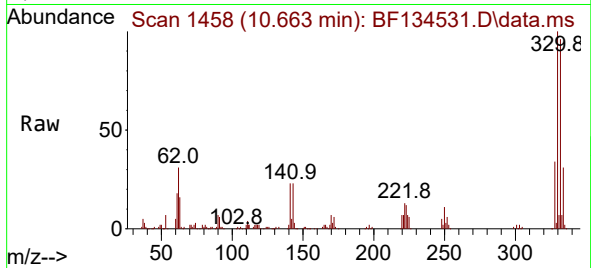
Tgt Ion:330 Resp: 153935

Ion Ratio Lower Upper

330 100

332 94.4 78.8 118.2

141 30.1 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 53.072 ng

RT: 9.187 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF134531.D

Acq: 29 Jul 2023 00:10

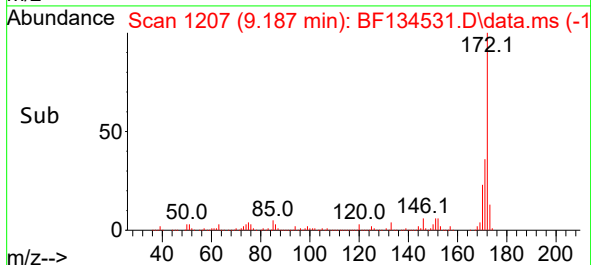
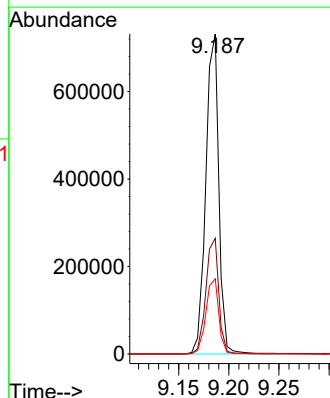
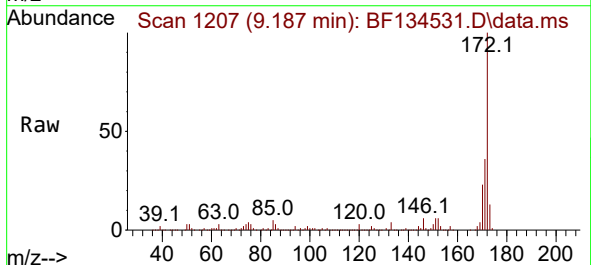
Tgt Ion:172 Resp: 663691

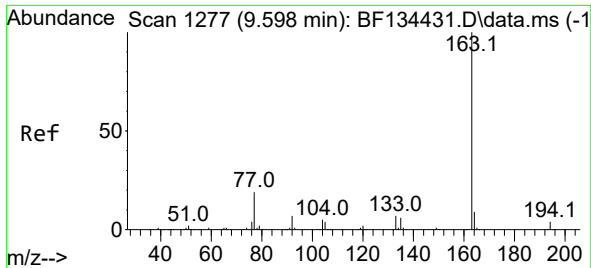
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.5 18.7 28.1

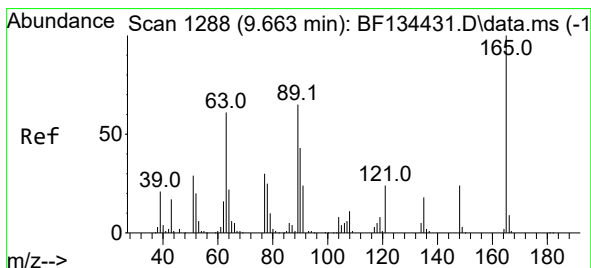
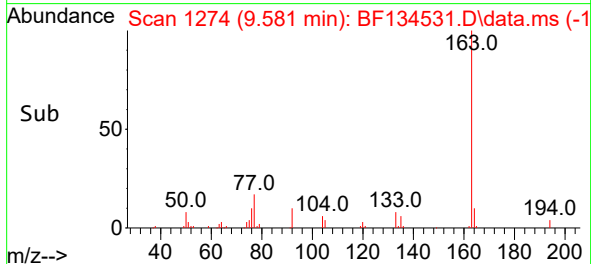
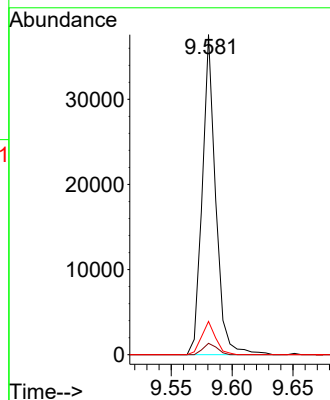
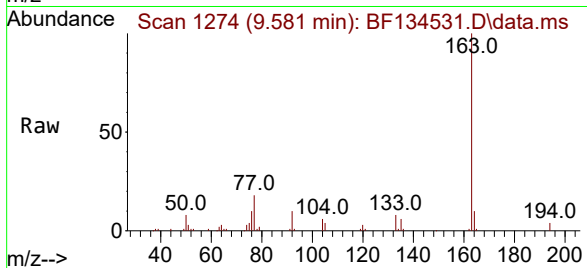




#50
Dimethylphthalate
Concen: 2.368 ng
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

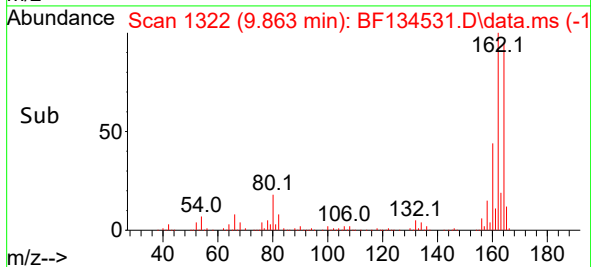
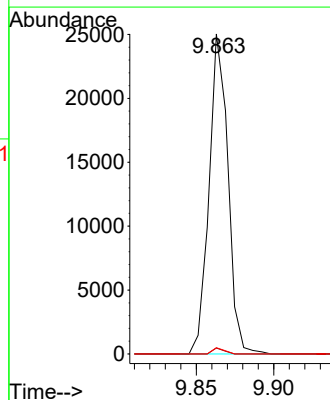
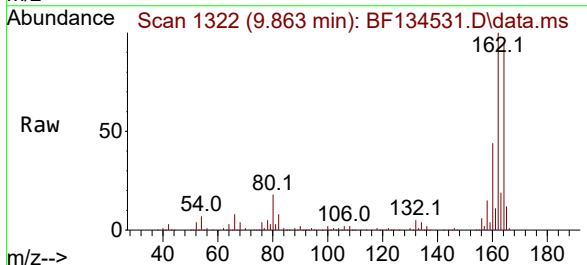
Instrument :
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SB-07-(1-3)

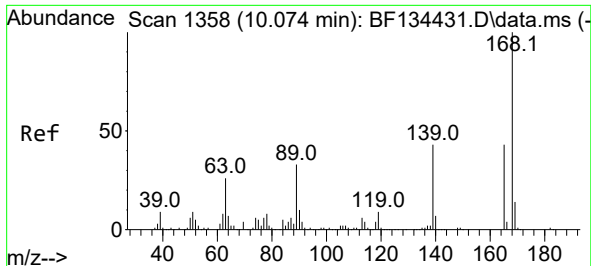
Tgt Ion:163 Resp: 28822
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.4 7.5 11.3



#51
2,6-Dinitrotoluene
Concen: 7.942 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.206 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

Tgt Ion:165 Resp: 21208
Ion Ratio Lower Upper
165 100
63 1.9 57.8 86.6#
89 2.0 51.8 77.8#

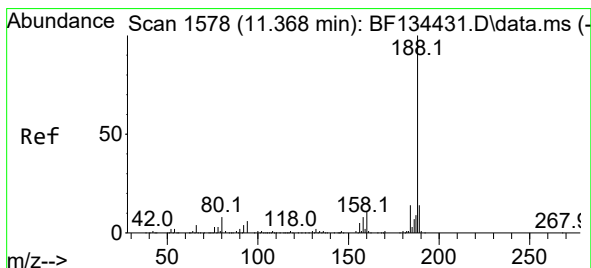
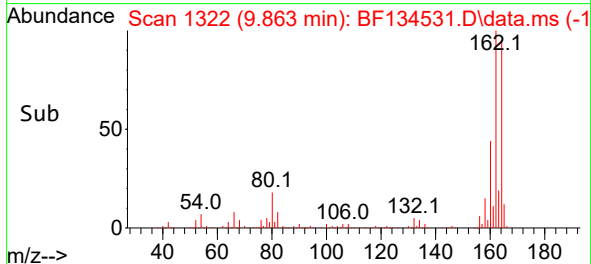
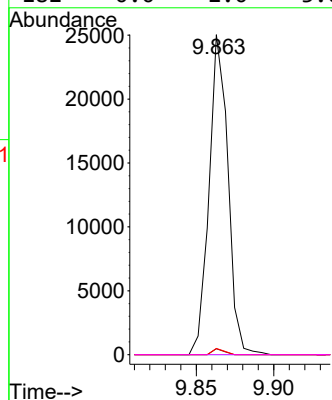
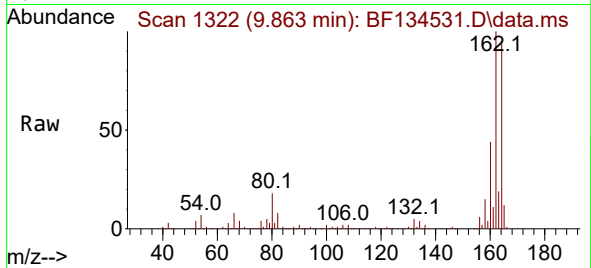




#57
2,4-Dinitrotoluene
Concen: 5.913 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

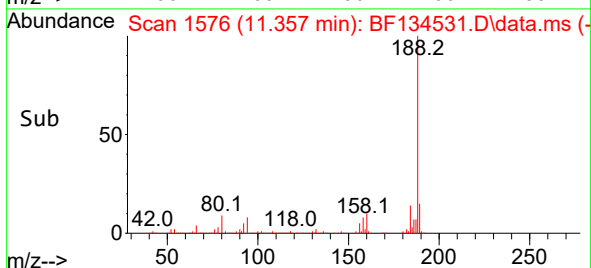
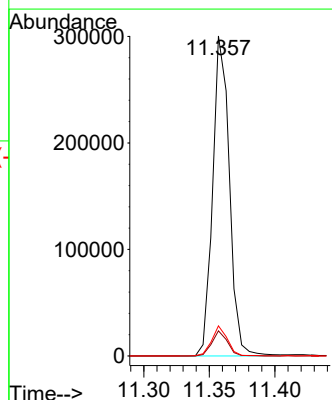
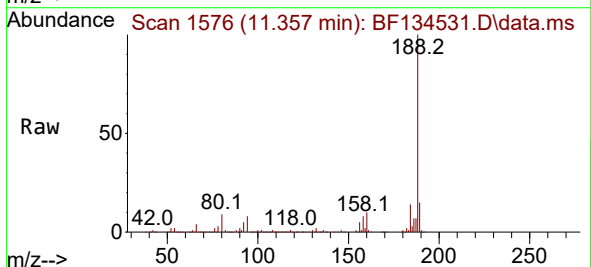
Instrument :
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SB-07-(1-3)

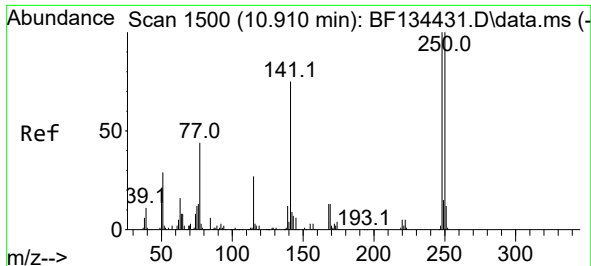
Tgt Ion:165 Resp: 21208
Ion Ratio Lower Upper
165 100
63 1.9 48.9 73.3#
89 2.0 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF134531.D
Acq: 29 Jul 2023 00:10

Tgt Ion:188 Resp: 266517
Ion Ratio Lower Upper
188 100
94 7.8 5.1 7.7#
80 9.4 6.6 9.8





#67

4-Bromophenyl-phenylether

Concen: 3.112 ng

RT: 10.657 min Scan# 14

Delta R.T. -0.241 min

Lab File: BF134531.D

Acq: 29 Jul 2023 00:10

Instrument :

BNA_F

ClientSampleId :

SB-07-(1-3)

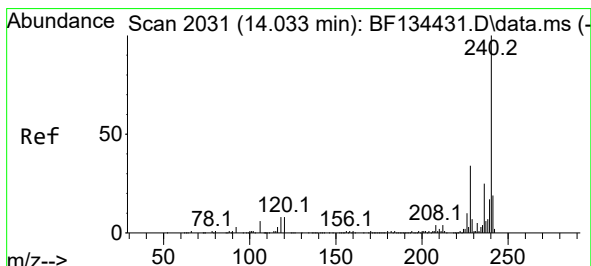
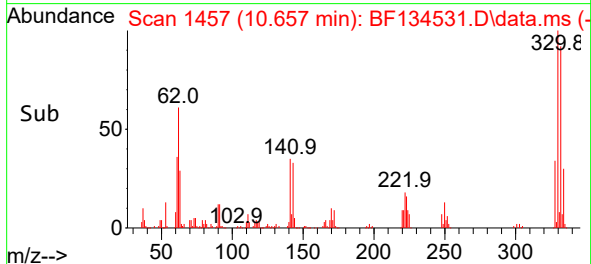
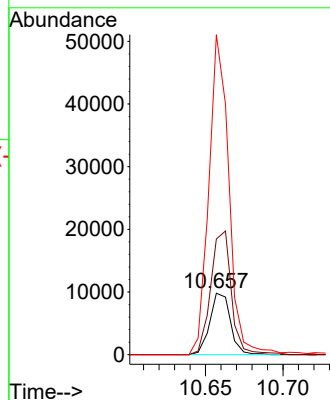
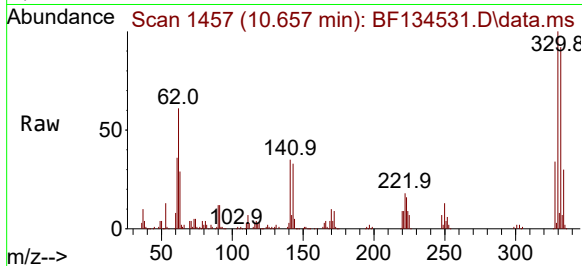
Tgt Ion:248 Resp: 9086

Ion Ratio Lower Upper

248 100

250 188.2 79.6 119.4#

141 521.1 59.6 89.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134531.D

Acq: 29 Jul 2023 00:10

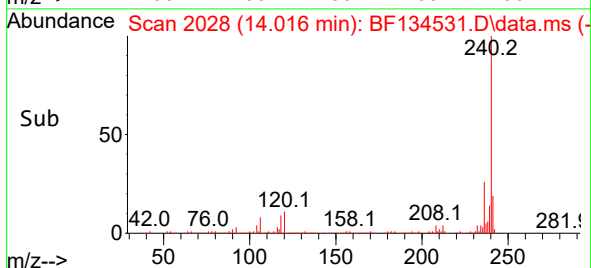
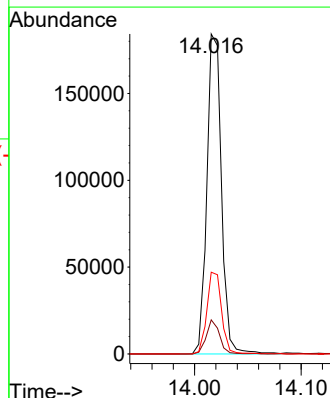
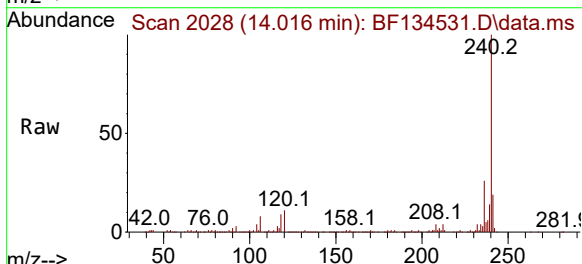
Tgt Ion:240 Resp: 176024

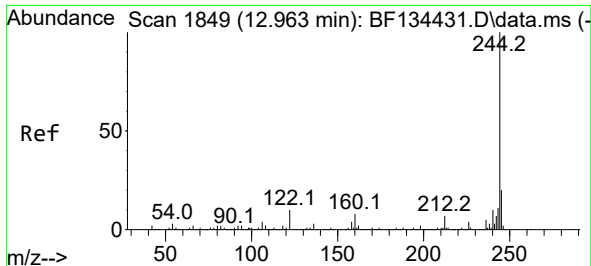
Ion Ratio Lower Upper

240 100

120 10.7 6.6 10.0#

236 25.5 20.2 30.2

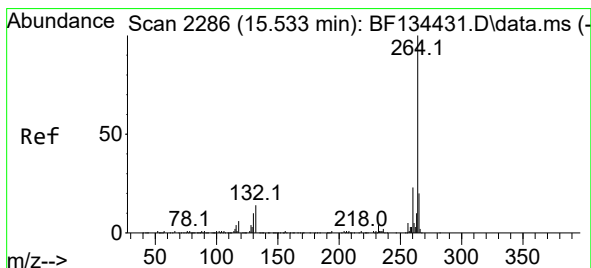
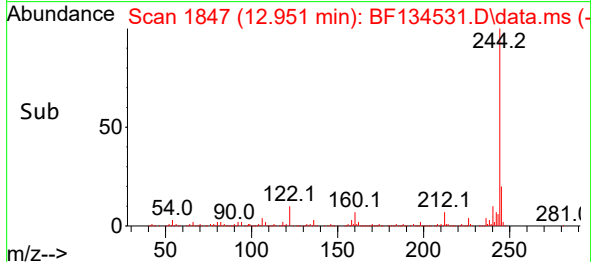
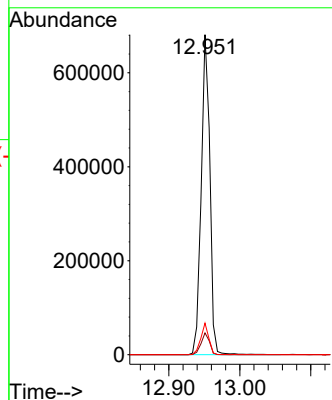
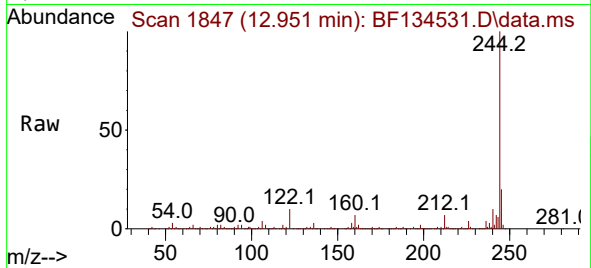




#79
 Terphenyl-d14
 Concen: 57.228 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134531.D
 Acq: 29 Jul 2023 00:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-(1-3)

Tgt Ion:244 Resp: 577061
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.9 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF134531.D
 Acq: 29 Jul 2023 00:10

Tgt Ion:264 Resp: 152338
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.4 27.6
 265 20.8 15.8 23.8

