

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134927.D
 Acq On : 24 Aug 2023 16:45
 Operator : CG\JU
 Sample : 04116-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Aug 25 01:20:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

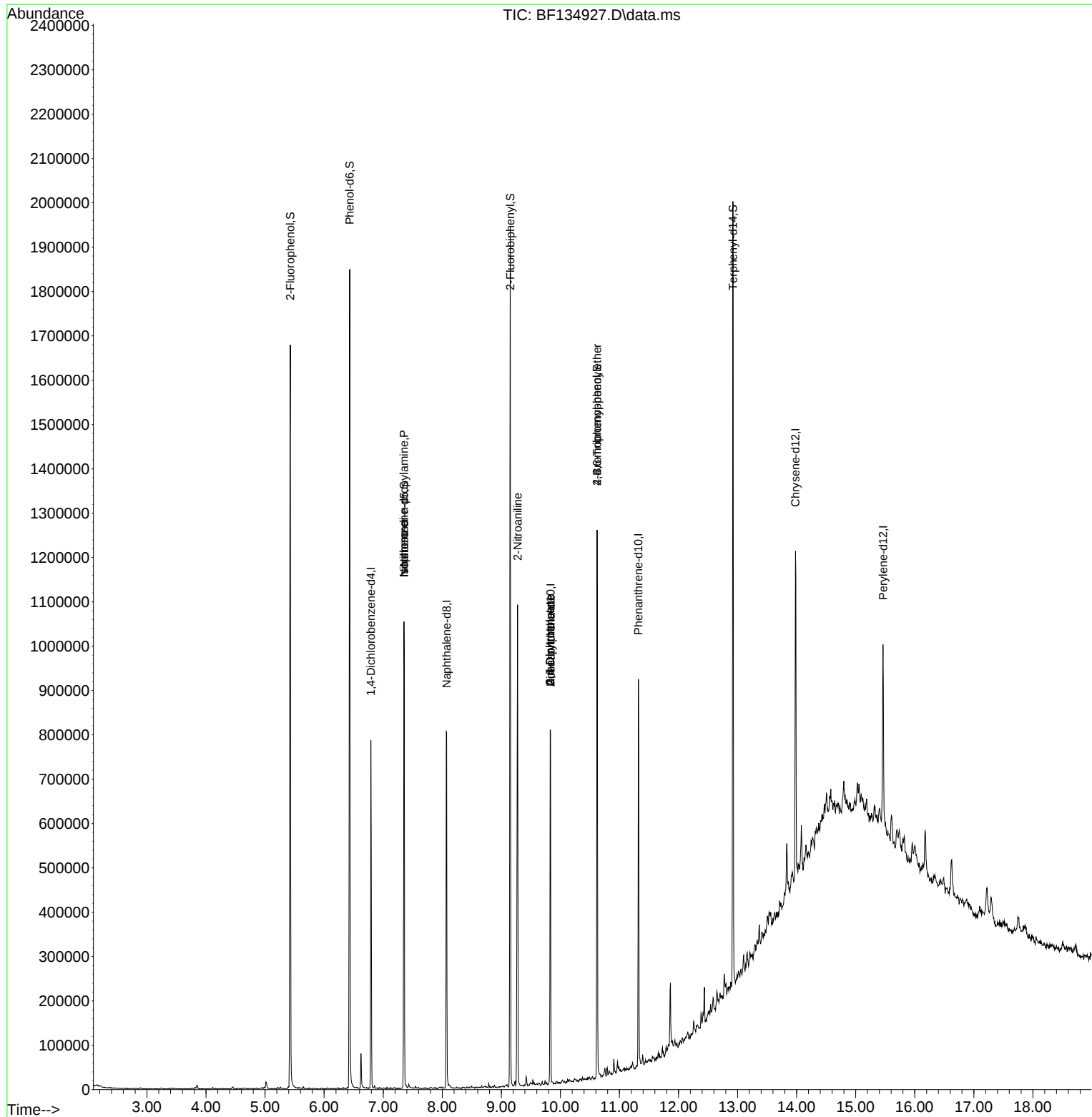
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	104777	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	375612	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	163550	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	306216	20.000	ng	0.00
76) Chrysene-d12	13.980	240	263647	20.000	ng	0.00
86) Perylene-d12	15.462	264	198804	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	460382	70.068	ng	0.00
7) Phenol-d6	6.434	99	554942	66.097	ng	0.00
23) Nitrobenzene-d5	7.351	82	335264	49.184	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	138477	71.891	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	549293	51.920	ng	0.00
79) Terphenyl-d14	12.921	244	579538	30.234	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	44939	9.165	ng	# 78
25) Isophorone	7.351	82	330697	25.981	ng	# 64
48) 2-Nitroaniline	9.275	65	11045	3.484	ng	# 13
50) Dimethylphthalate	9.833	163	34739	2.984	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	21819	8.498	ng	# 28
57) 2,4-Dinitrotoluene	9.827	165	21819	6.871	ng	# 24
67) 4-Bromophenyl-phenylether	10.622	248	9021	2.553	ng	# 1

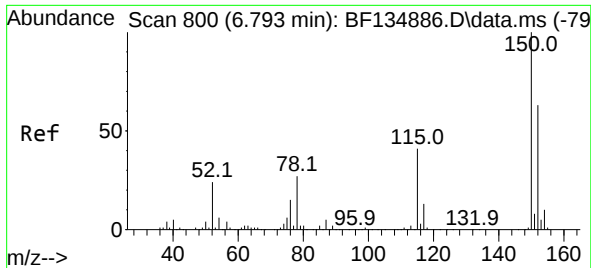
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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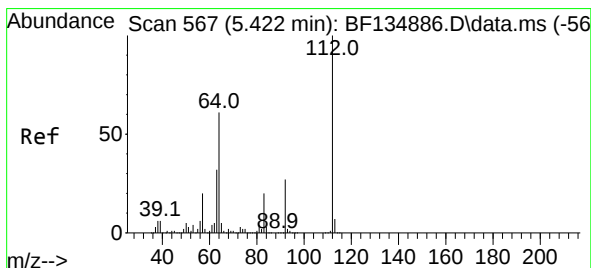
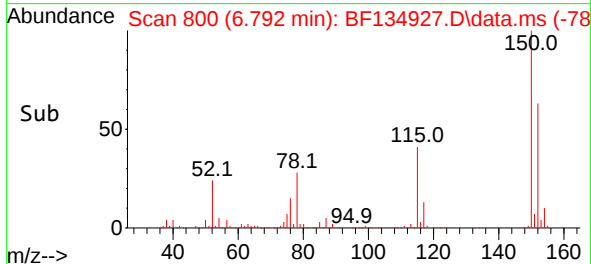
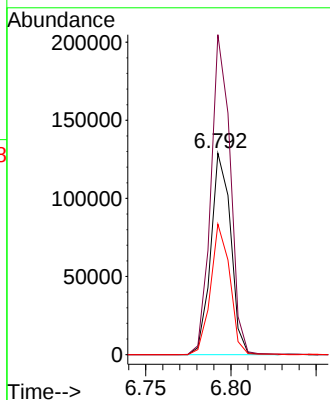
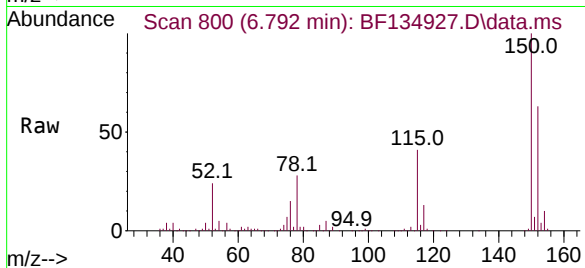




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.001 min
Lab File: BF134927.D
Acq: 24 Aug 2023 16:45

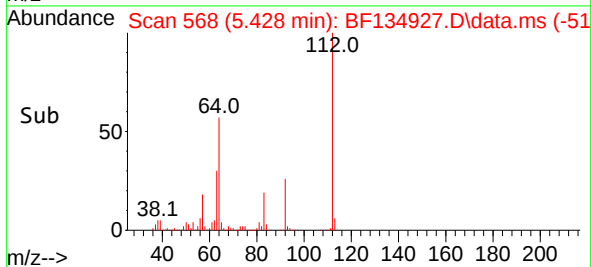
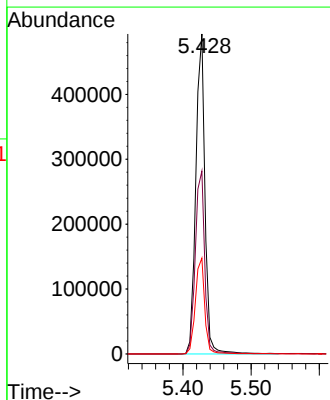
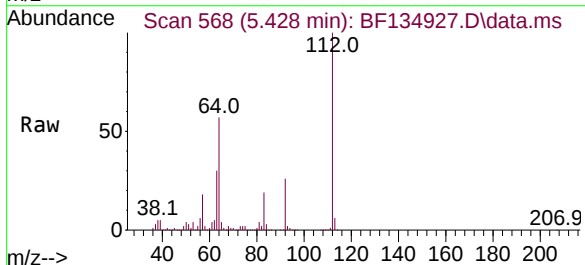
Instrument :
BNA_F
ClientSampleId :
TP-1

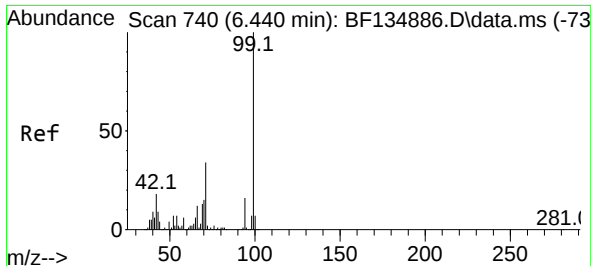
Tgt Ion:152 Resp: 104777
Ion Ratio Lower Upper
152 100
150 158.9 126.1 189.1
115 64.8 51.1 76.7



#5
2-Fluorophenol
Concen: 70.068 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF134927.D
Acq: 24 Aug 2023 16:45

Tgt Ion:112 Resp: 460382
Ion Ratio Lower Upper
112 100
64 57.1 48.6 73.0
63 29.9 25.7 38.5

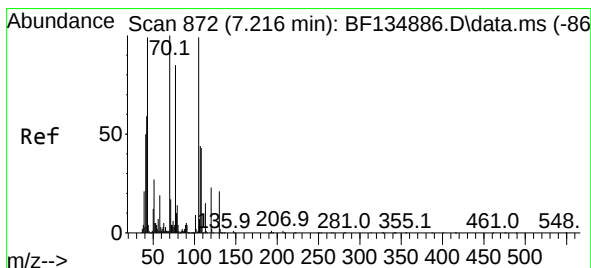
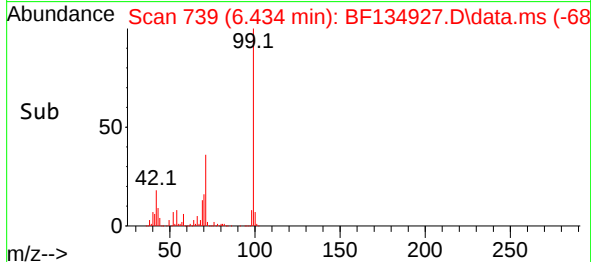
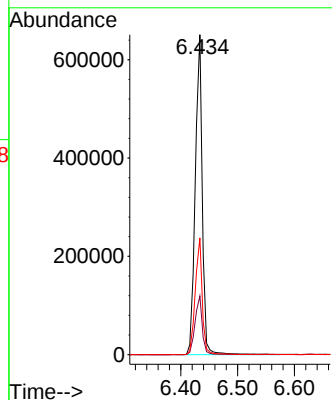
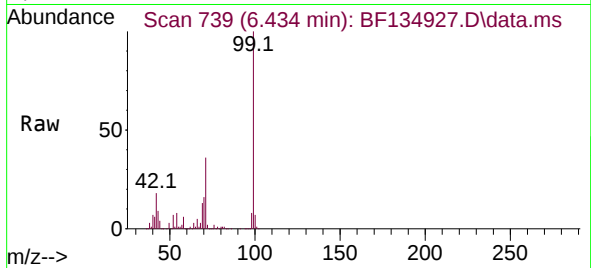




#7
Phenol-d6
Concen: 66.097 ng
RT: 6.434 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF134927.D
Acq: 24 Aug 2023 16:45

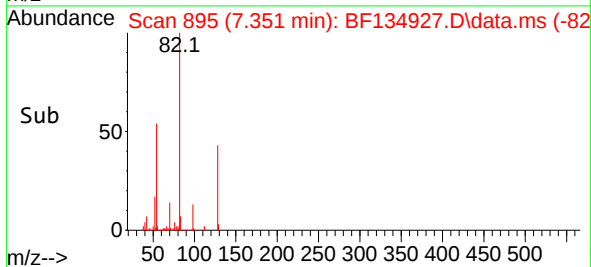
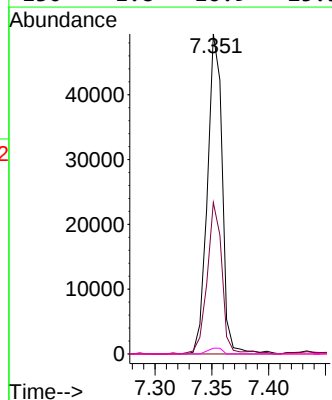
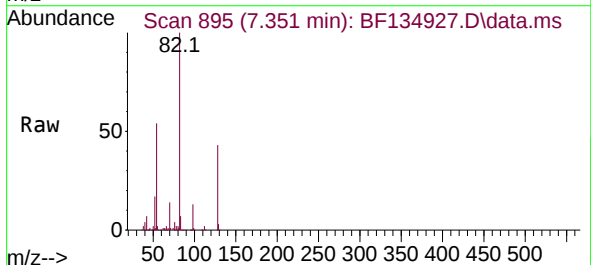
Instrument :
BNA_F
ClientSampleId :
TP-1

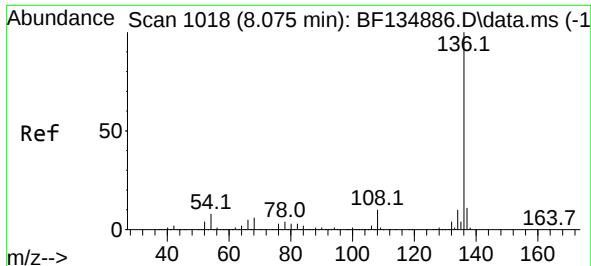
Tgt Ion: 99	Resp: 554942
Ion Ratio	Lower Upper
99 100	
42 18.3	14.6 22.0
71 36.5	27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.165 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134927.D
Acq: 24 Aug 2023 16:45

Tgt Ion: 70	Resp: 44939
Ion Ratio	Lower Upper
70 100	
42 47.3	46.9 70.3
101 0.0	7.5 11.3#
130 1.8	16.9 25.3#

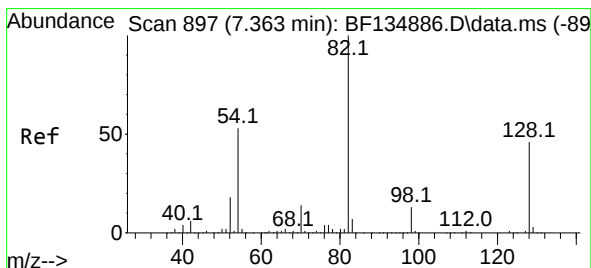
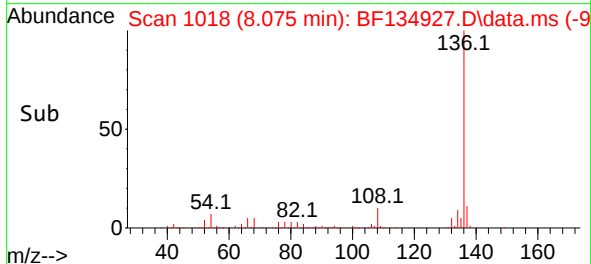
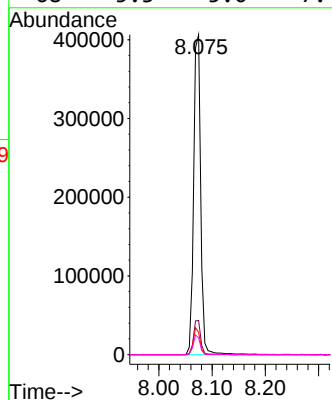
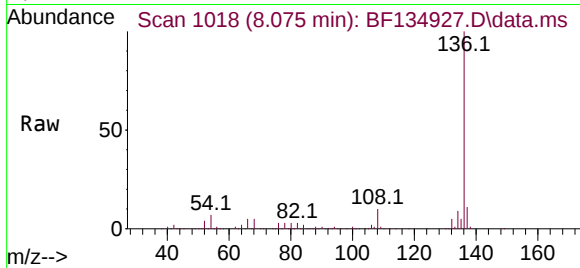




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF134927.D
Acq: 24 Aug 2023 16:45

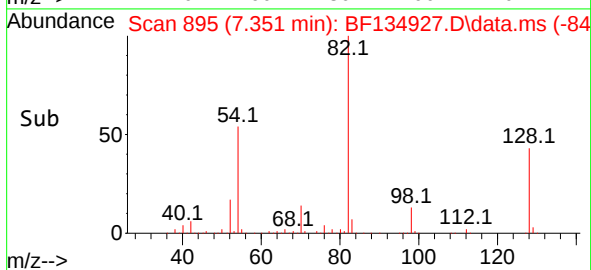
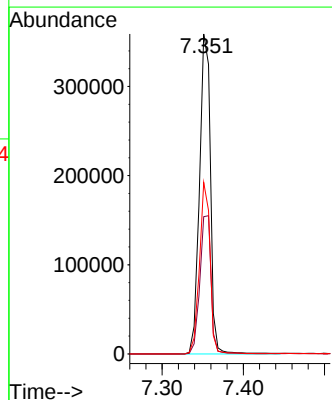
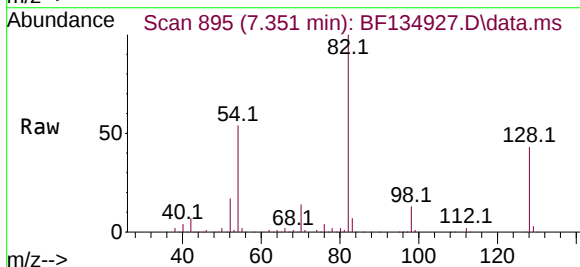
Instrument :
BNA_F
ClientSampleId :
TP-1

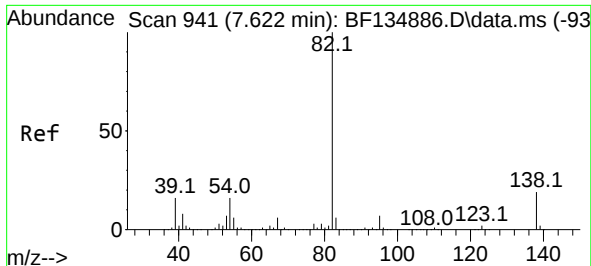
Tgt Ion:136 Resp: 375612
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.0 6.6 9.8
68 5.3 5.0 7.4



#23
Nitrobenzene-d5
Concen: 49.184 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134927.D
Acq: 24 Aug 2023 16:45

Tgt Ion: 82 Resp: 335264
Ion Ratio Lower Upper
82 100
128 42.9 36.6 54.8
54 53.6 42.6 63.8





#25

Isophorone

Concen: 25.981 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.271 min

Lab File: BF134927.D

Acq: 24 Aug 2023 16:45

Instrument :

BNA_F

ClientSampleId :

TP-1

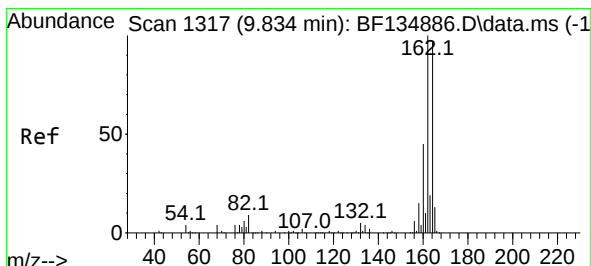
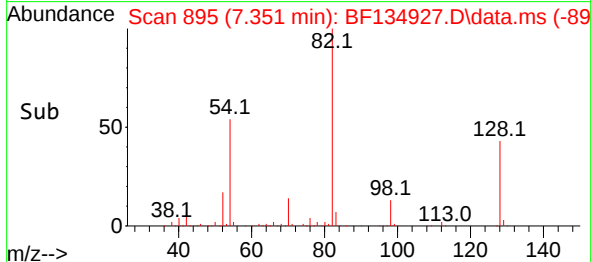
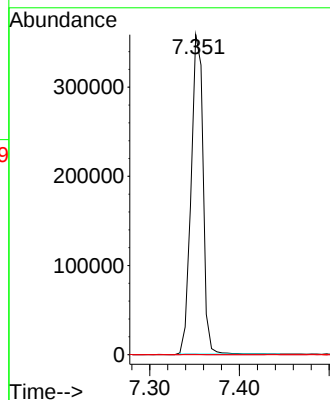
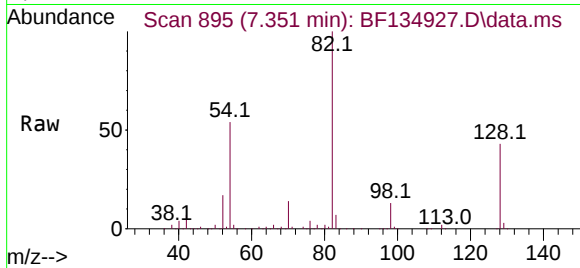
Tgt Ion: 82 Resp: 330697

Ion Ratio Lower Upper

82 100

95 0.1 5.9 8.9#

138 0.0 14.9 22.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF134927.D

Acq: 24 Aug 2023 16:45

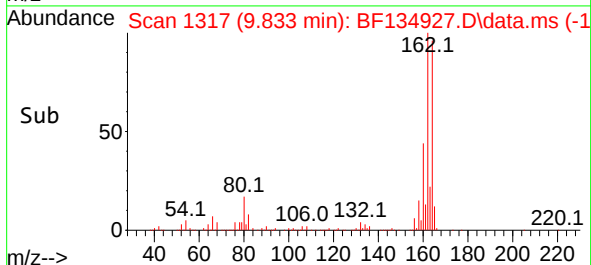
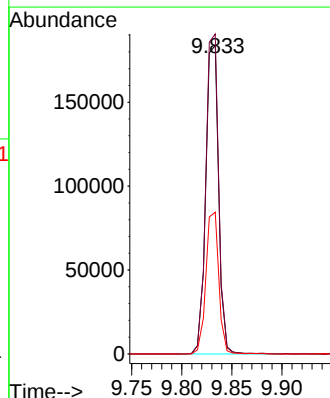
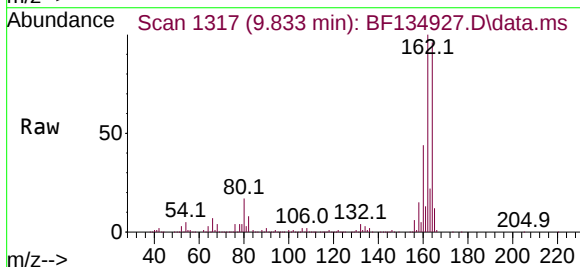
Tgt Ion:164 Resp: 163550

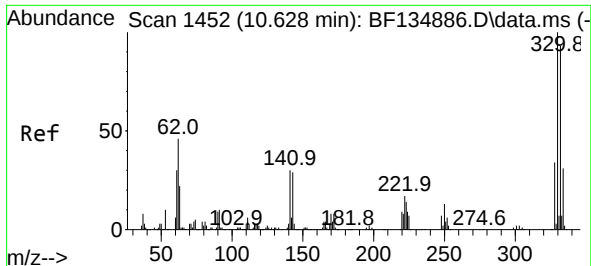
Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

160 46.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 71.891 ng

RT: 10.622 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF134927.D

Acq: 24 Aug 2023 16:45

Instrument :

BNA_F

ClientSampleId :

TP-1

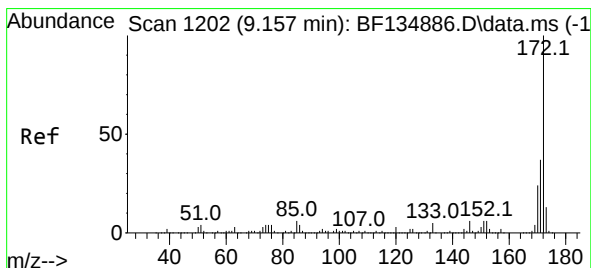
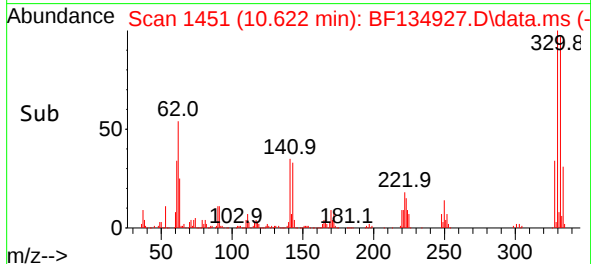
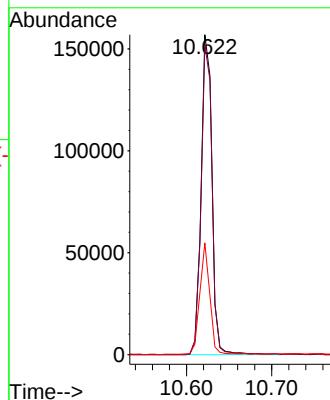
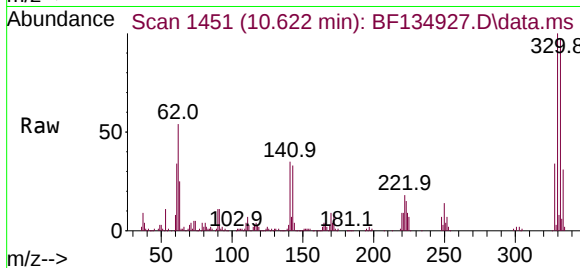
Tgt Ion:330 Resp: 138477

Ion Ratio Lower Upper

330 100

332 97.4 76.3 114.5

141 32.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 51.920 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134927.D

Acq: 24 Aug 2023 16:45

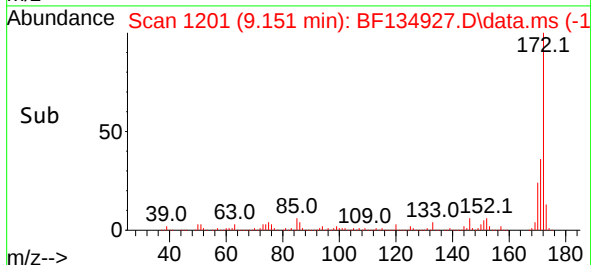
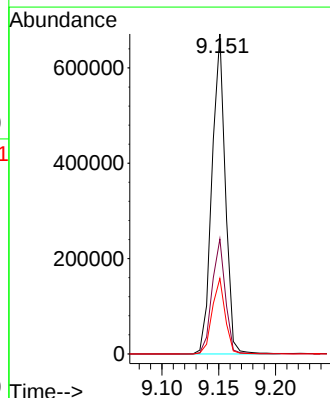
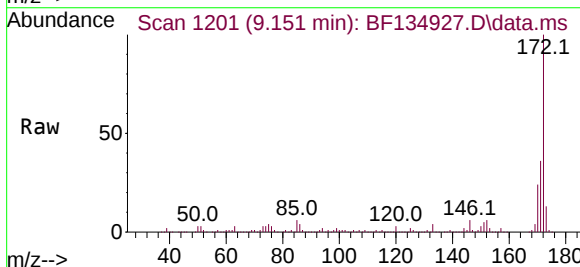
Tgt Ion:172 Resp: 549293

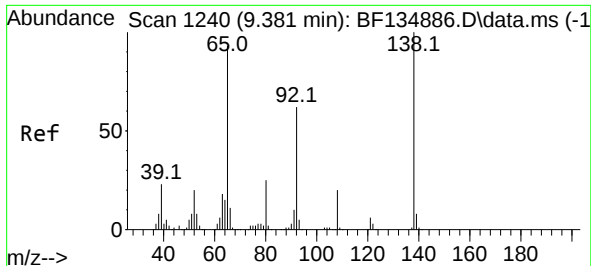
Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 23.6 19.6 29.4

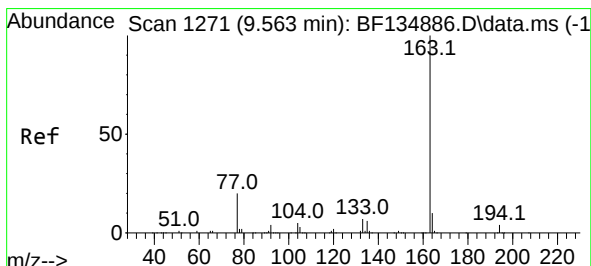
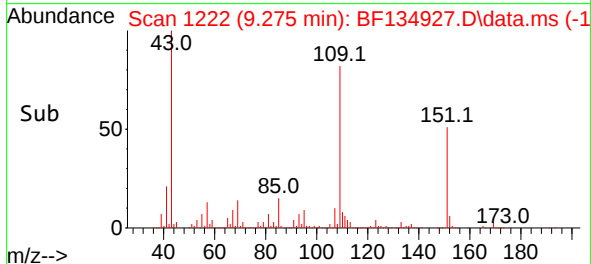
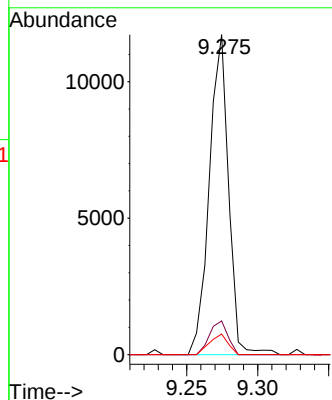
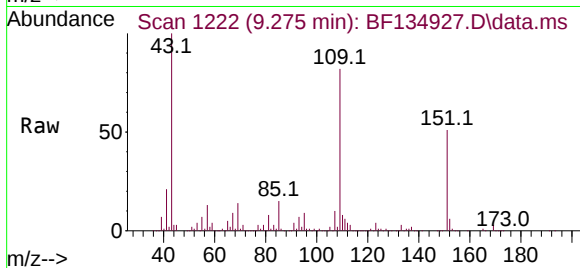




#48
2-Nitroaniline
Concen: 3.484 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF134927.D
Acq: 24 Aug 2023 16:45

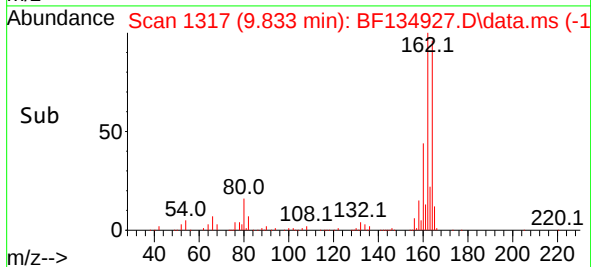
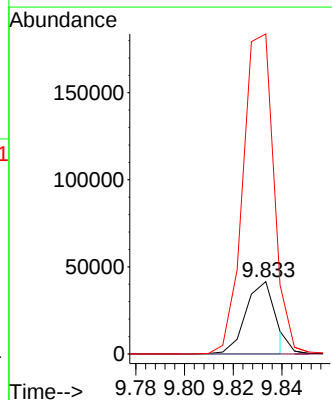
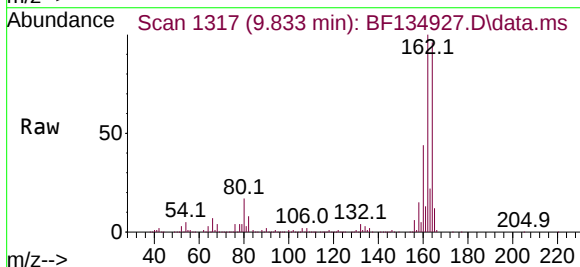
Instrument :
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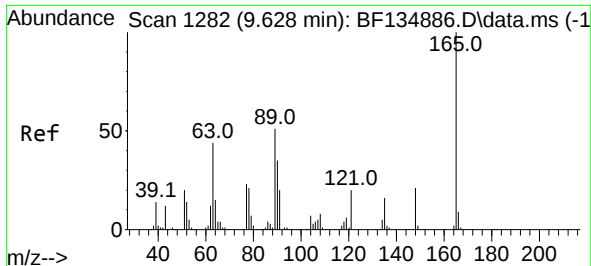
Tgt Ion: 65 Resp: 11045
Ion Ratio Lower Upper
65 100
92 10.5 53.8 80.8#
138 6.4 86.5 129.7#



#50
Dimethylphthalate
Concen: 2.984 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.270 min
Lab File: BF134927.D
Acq: 24 Aug 2023 16:45

Tgt Ion: 163 Resp: 34739
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 442.5 8.2 12.4#





#51

2,6-Dinitrotoluene

Concen: 8.498 ng

RT: 9.827 min Scan# 1316

Delta R.T. 0.199 min

Lab File: BF134927.D

Acq: 24 Aug 2023 16:45

Instrument :

BNA_F

ClientSampleId :

TP-1

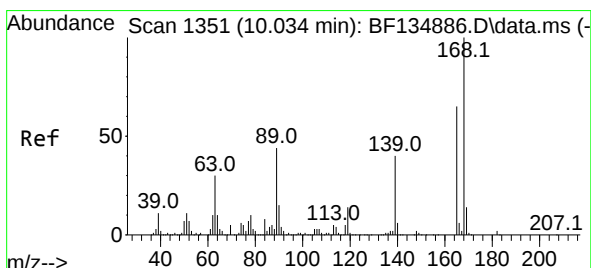
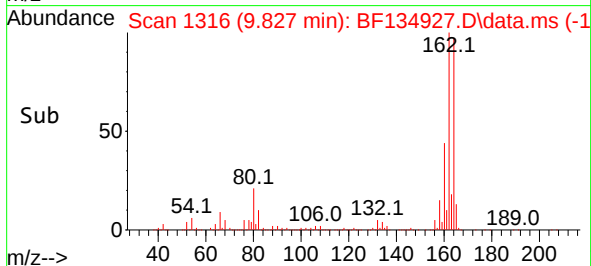
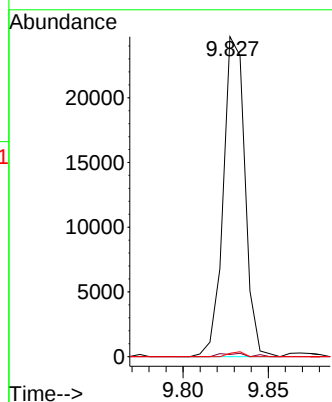
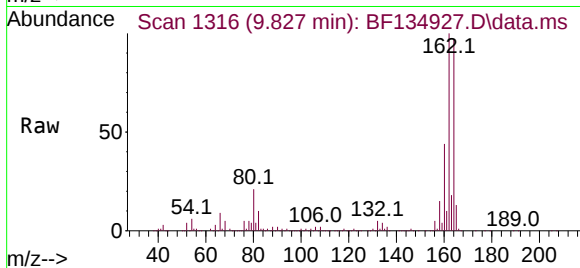
Tgt Ion:165 Resp: 21819

Ion Ratio Lower Upper

165 100

63 0.7 41.4 62.2#

89 1.0 40.9 61.3#



#57

2,4-Dinitrotoluene

Concen: 6.871 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.207 min

Lab File: BF134927.D

Acq: 24 Aug 2023 16:45

Tgt Ion:165 Resp: 21819

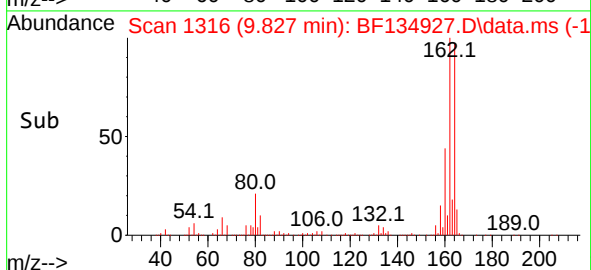
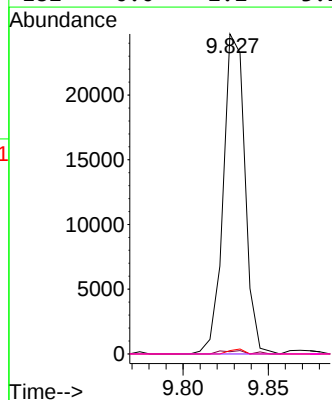
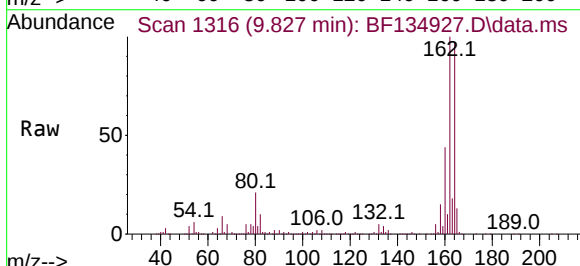
Ion Ratio Lower Upper

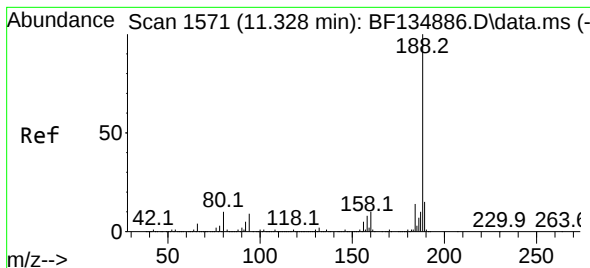
165 100

63 0.7 37.7 56.5#

89 1.0 54.2 81.4#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134927.D

Acq: 24 Aug 2023 16:45

Instrument :

BNA_F

ClientSampleId :

TP-1

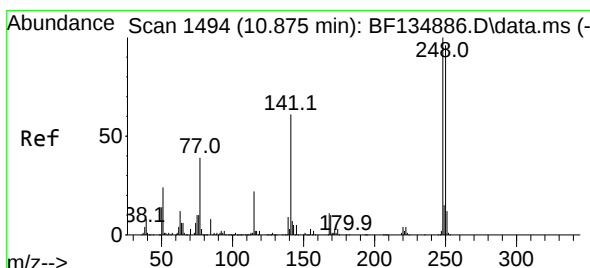
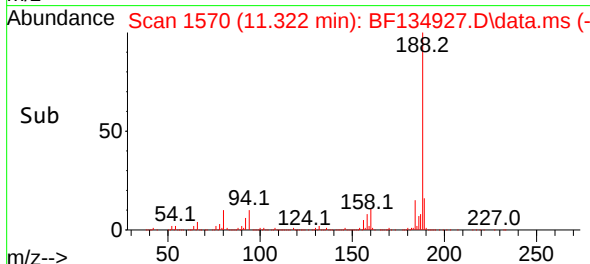
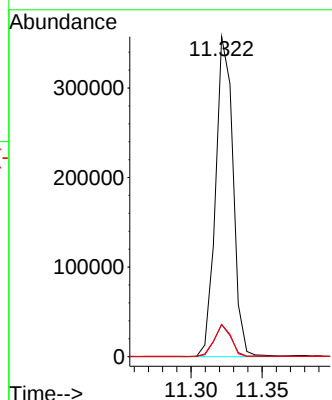
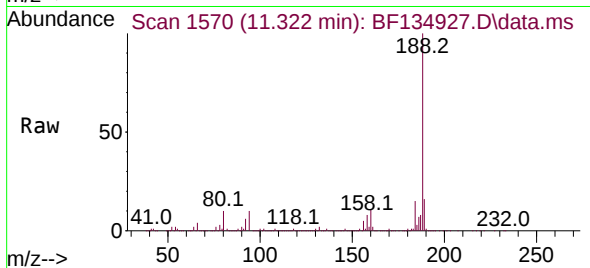
Tgt Ion:188 Resp: 306216

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

80 10.1 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 2.553 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.253 min

Lab File: BF134927.D

Acq: 24 Aug 2023 16:45

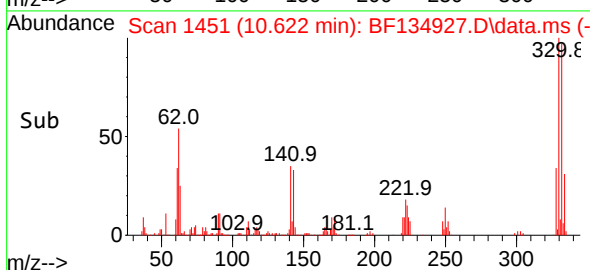
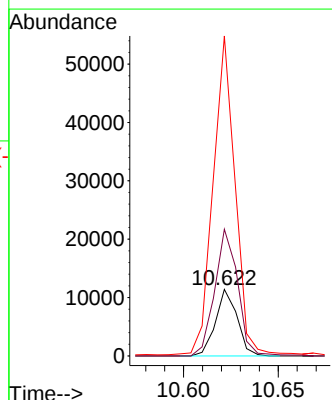
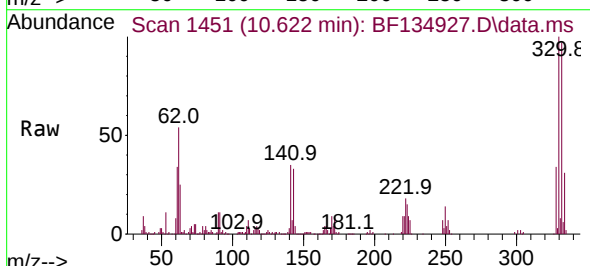
Tgt Ion:248 Resp: 9021

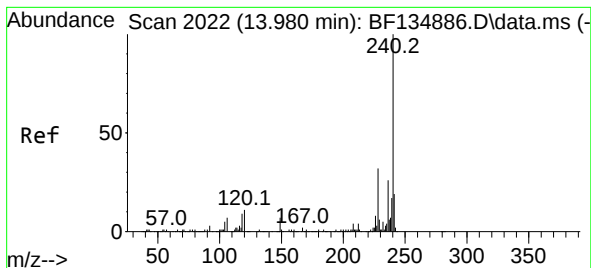
Ion Ratio Lower Upper

248 100

250 190.6 77.1 115.7#

141 481.6 49.0 73.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF134927.D

Acq: 24 Aug 2023 16:45

Instrument :

BNA_F

ClientSampleId :

TP-1

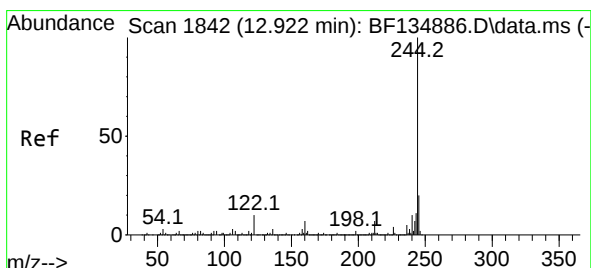
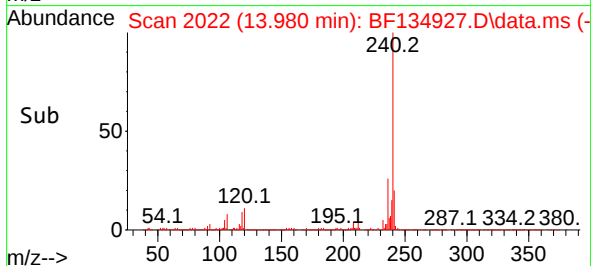
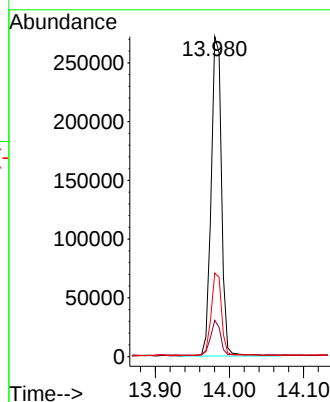
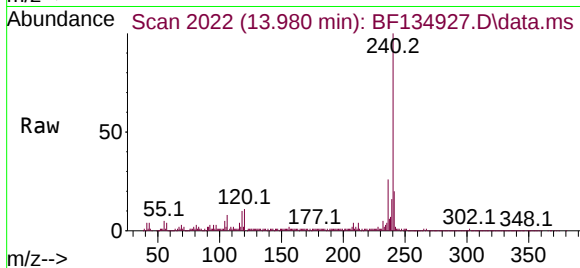
Tgt Ion:240 Resp: 263647

Ion Ratio Lower Upper

240 100

120 11.3 8.6 12.8

236 26.1 20.6 31.0



#79

Terphenyl-d14

Concen: 30.234 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.001 min

Lab File: BF134927.D

Acq: 24 Aug 2023 16:45

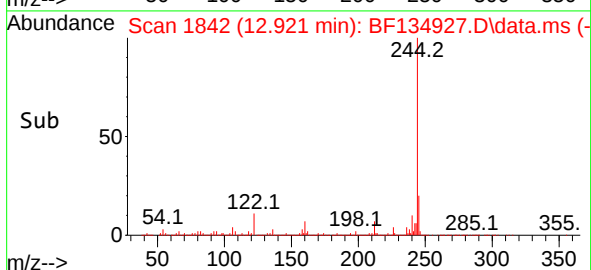
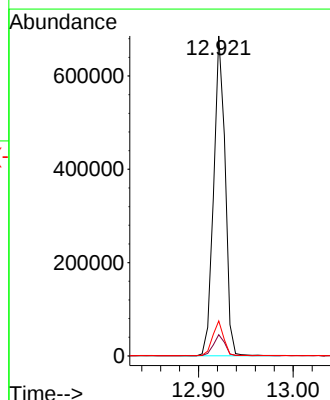
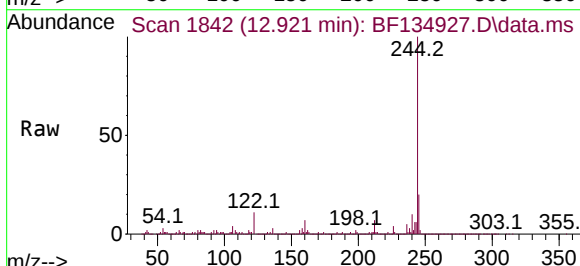
Tgt Ion:244 Resp: 579538

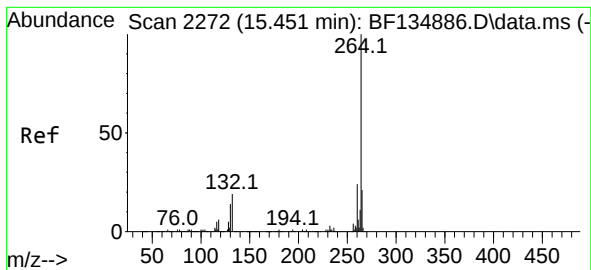
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.9 8.2 12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134927.D
Acq: 24 Aug 2023 16:45

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 198804

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	23.4	17.1	25.7

