

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134436.D
 Acq On : 24 Jul 2023 18:49
 Operator : CG\JU
 Sample : PB154085BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154085BL

Quant Time: Jul 25 02:45:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

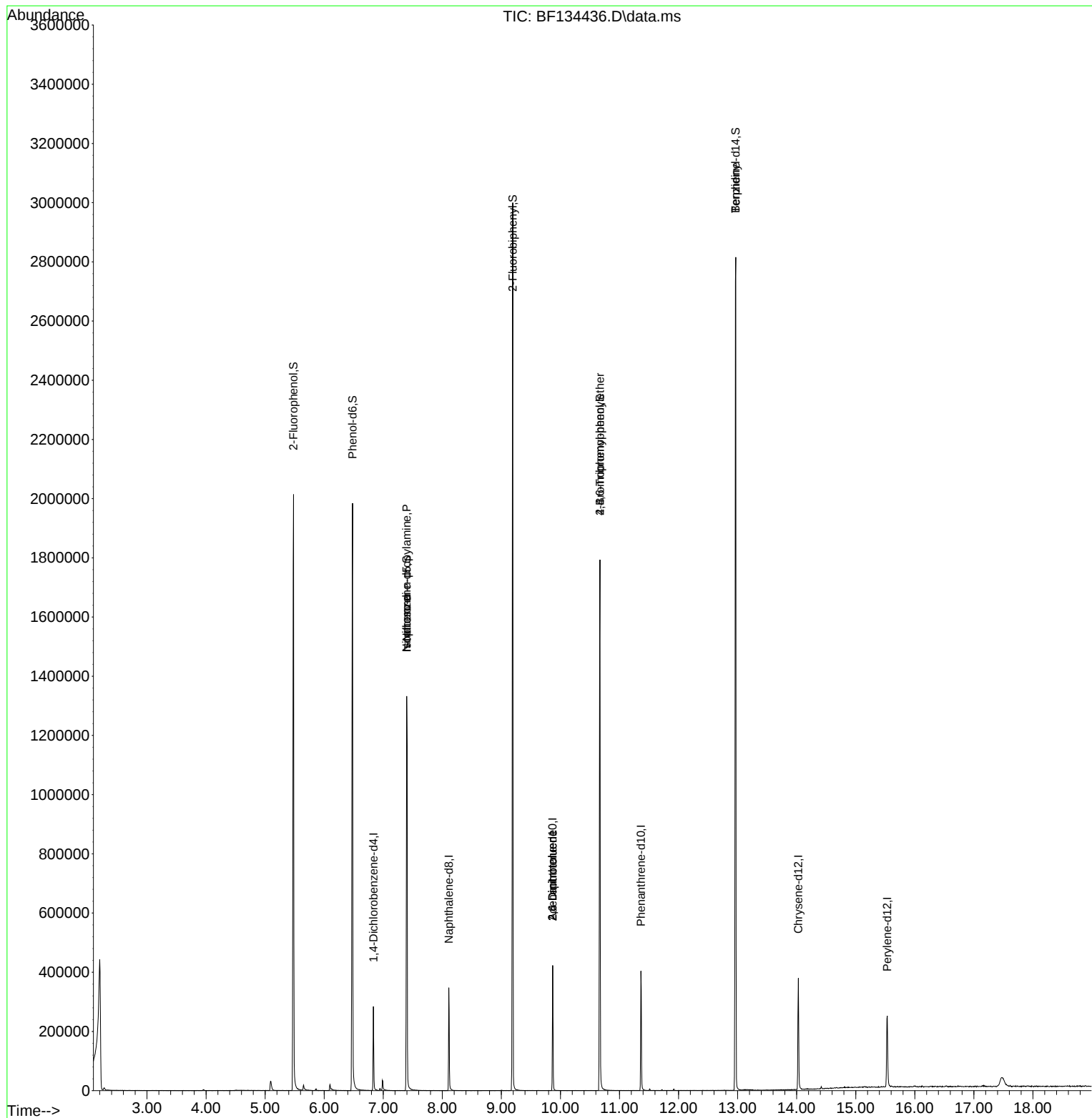
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	38807	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	152747	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	78601	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	156471	20.000	ng	0.00
76) Chrysene-d12	14.027	240	131177	20.000	ng	0.00
86) Perylene-d12	15.533	264	123317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	533405	227.095	ng	0.01
7) Phenol-d6	6.481	99	632508	219.791	ng	0.00
23) Nitrobenzene-d5	7.398	82	441474	146.230	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	229838	205.804	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	833483	139.208	ng	0.00
79) Terphenyl-d14	12.968	244	1081344	143.902	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	63813	35.620	ng	# 76
25) Isophorone	7.398	82	441474	87.741	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	10053	7.863	ng	# 16
57) 2,4-Dinitrotoluene	9.869	165	10053	5.854	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	14304	8.344	ng	# 1
77) Benzidine	12.968	184	14898	5.319	ng	# 94

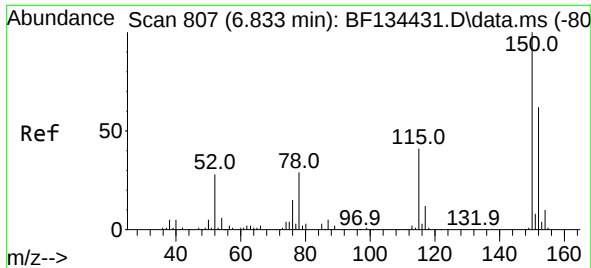
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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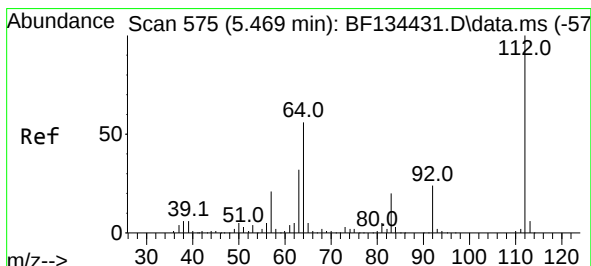
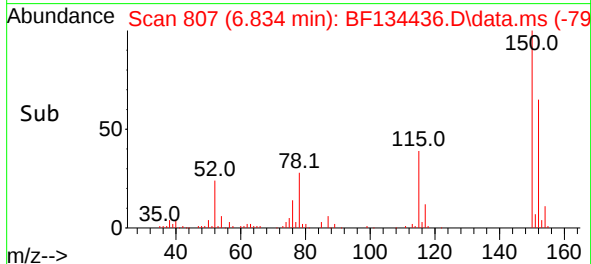
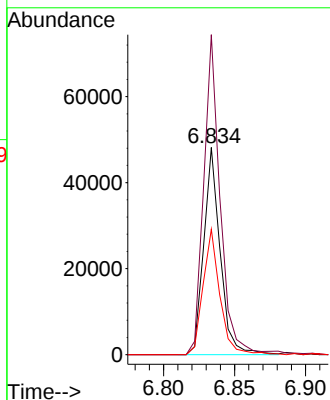
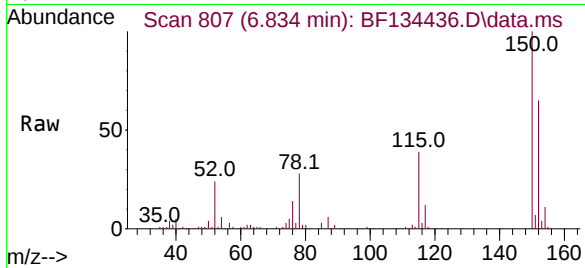




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BF134436.D
Acq: 24 Jul 2023 18:49

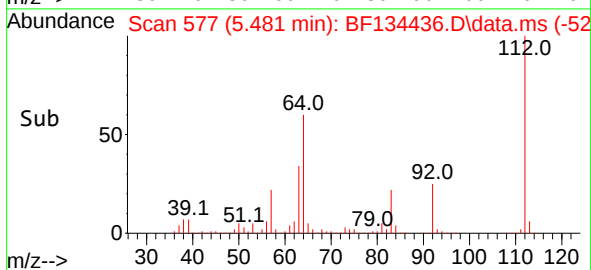
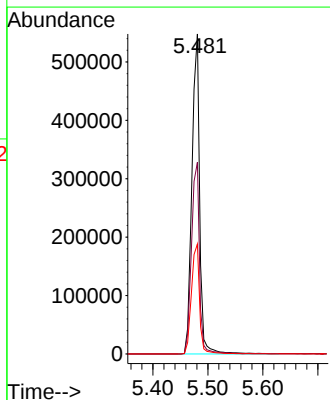
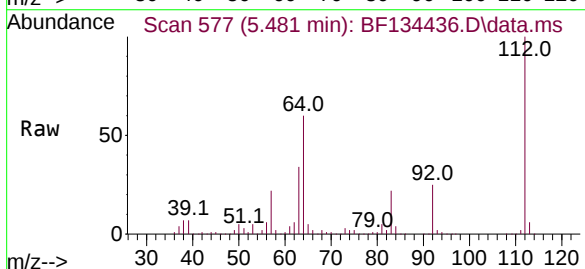
Instrument :
BNA_F
ClientSampleId :
PB154085BL

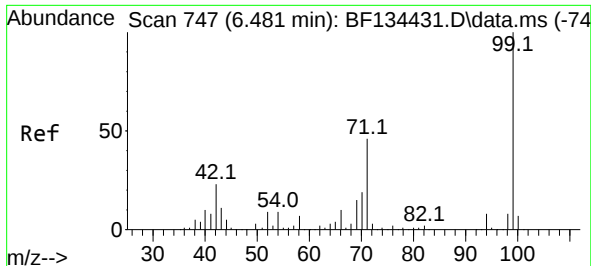
Tgt Ion:152 Resp: 38807
Ion Ratio Lower Upper
152 100
150 154.4 128.3 192.5
115 60.5 52.4 78.6



#5
2-Fluorophenol
Concen: 227.095 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF134436.D
Acq: 24 Jul 2023 18:49

Tgt Ion:112 Resp: 533405
Ion Ratio Lower Upper
112 100
64 59.9 44.9 67.3
63 34.3 25.4 38.0

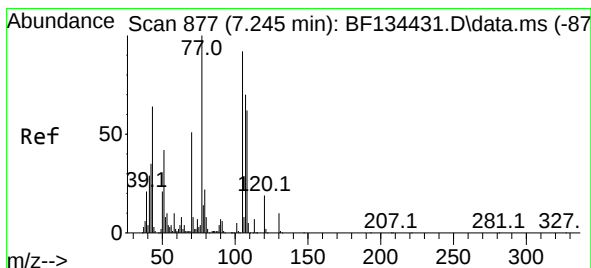
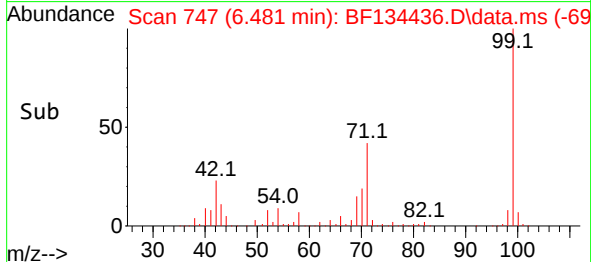
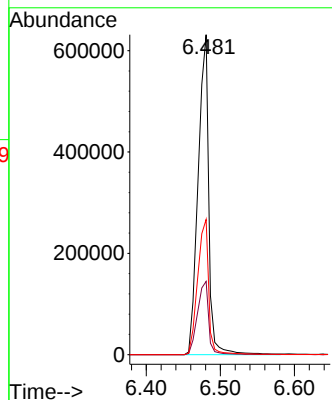
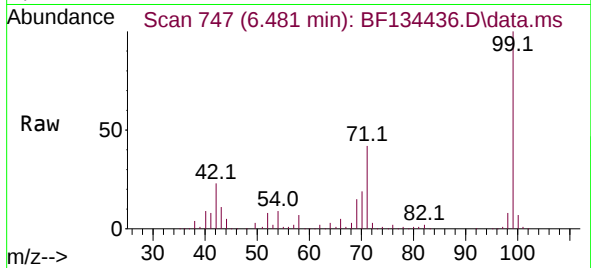




#7
Phenol-d6
Concen: 219.791 ng
RT: 6.481 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134436.D
Acq: 24 Jul 2023 18:49

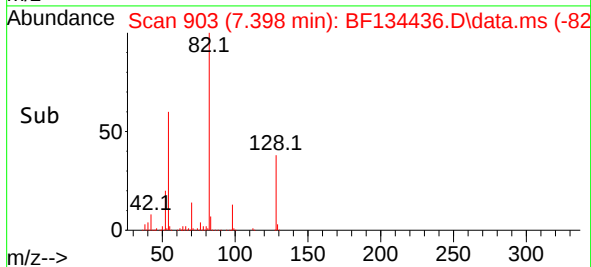
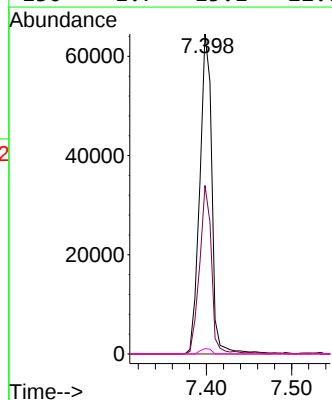
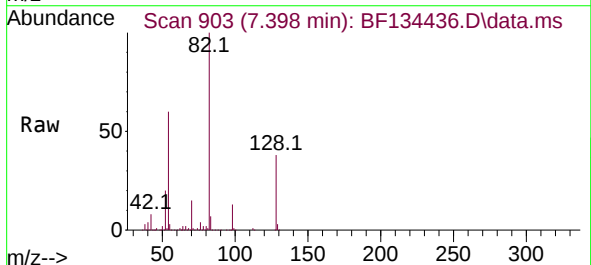
Instrument :
BNA_F
ClientSampleId :
PB154085BL

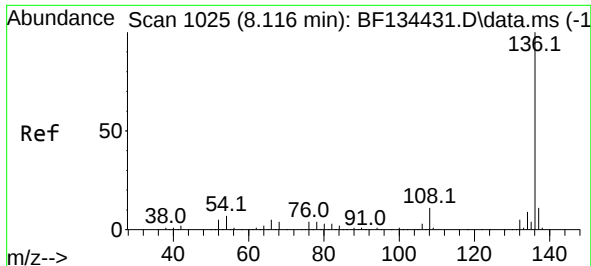
Tgt Ion: 99 Resp: 632508
Ion Ratio Lower Upper
99 100
42 22.9 18.7 28.1
71 42.3 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 35.620 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.153 min
Lab File: BF134436.D
Acq: 24 Jul 2023 18:49

Tgt Ion: 70 Resp: 63813
Ion Ratio Lower Upper
70 100
42 52.6 54.7 82.1#
101 0.0 8.2 12.2#
130 1.7 15.1 22.7#

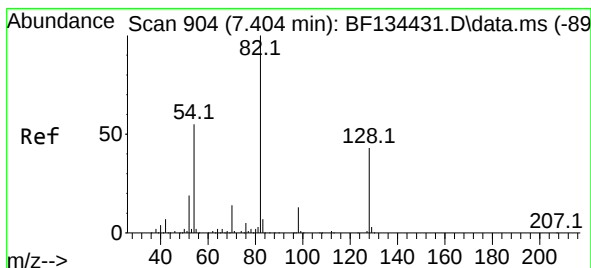
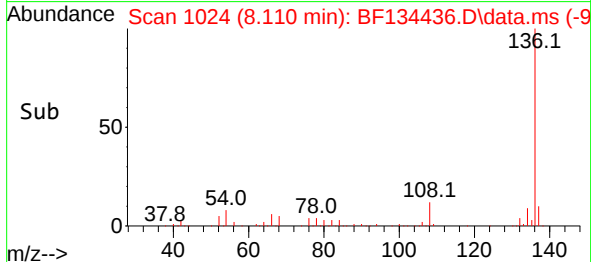
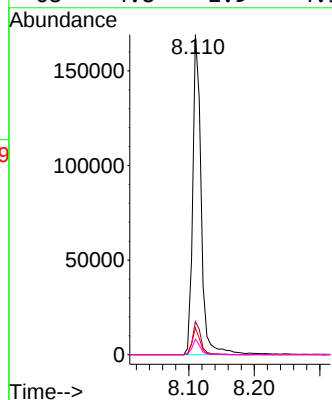
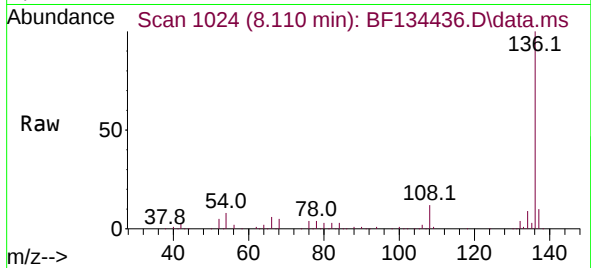




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134436.D
Acq: 24 Jul 2023 18:49

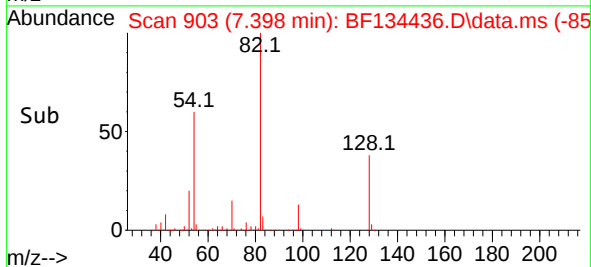
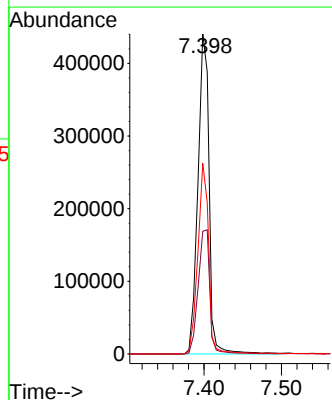
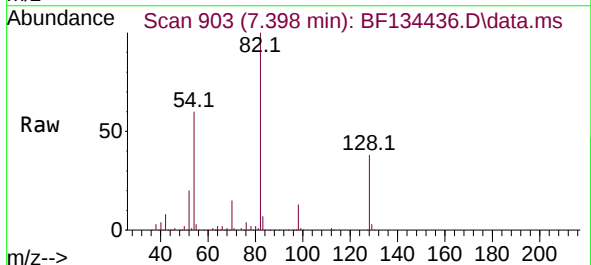
Instrument :
BNA_F
ClientSampleId :
PB154085BL

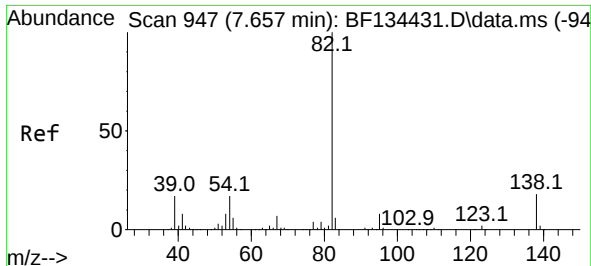
Tgt Ion:136 Resp: 152747
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 8.4 5.2 7.8#
68 4.8 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 146.230 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF134436.D
Acq: 24 Jul 2023 18:49

Tgt Ion: 82 Resp: 441474
Ion Ratio Lower Upper
82 100
128 38.4 34.3 51.5
54 59.6 43.8 65.6

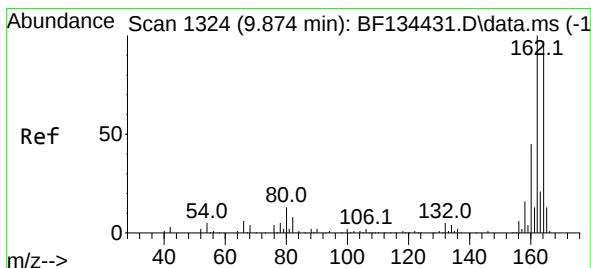
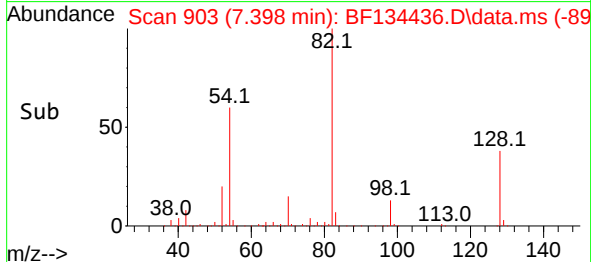
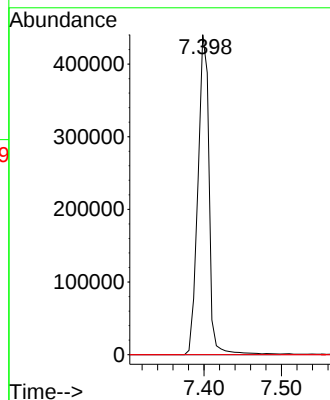
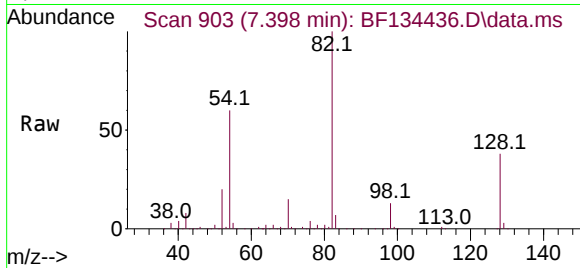




#25
Isophorone
Concen: 87.741 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134436.D
Acq: 24 Jul 2023 18:49

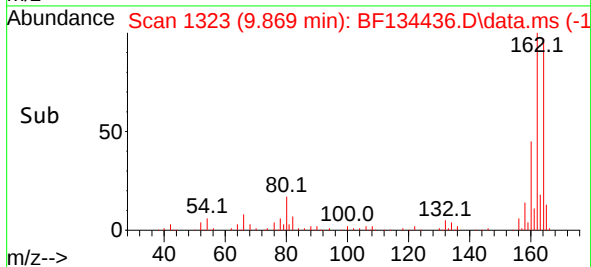
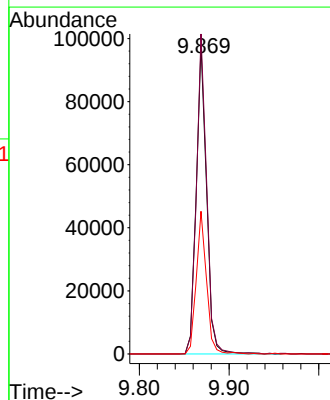
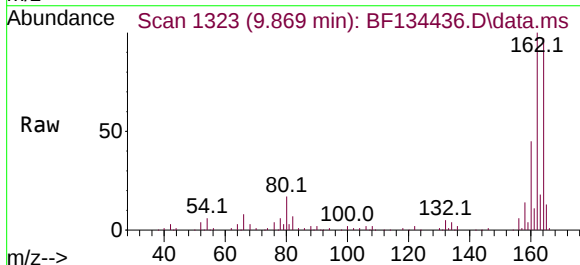
Instrument :
BNA_F
ClientSampleId :
PB154085BL

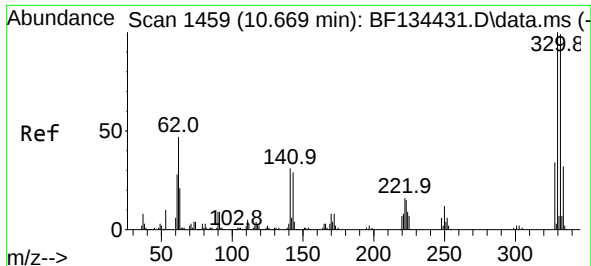
Tgt Ion: 82 Resp: 441474
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134436.D
Acq: 24 Jul 2023 18:49

Tgt Ion:164 Resp: 78601
Ion Ratio Lower Upper
164 100
162 103.6 82.6 123.8
160 46.2 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 205.804 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF134436.D

Acq: 24 Jul 2023 18:49

Instrument :

BNA_F

ClientSampleId :

PB154085BL

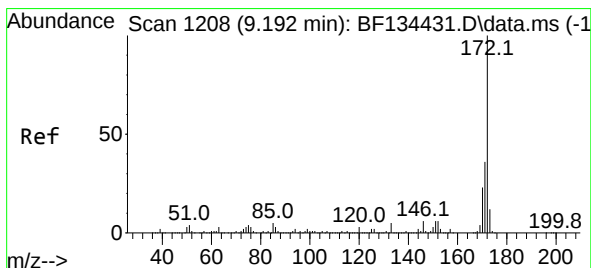
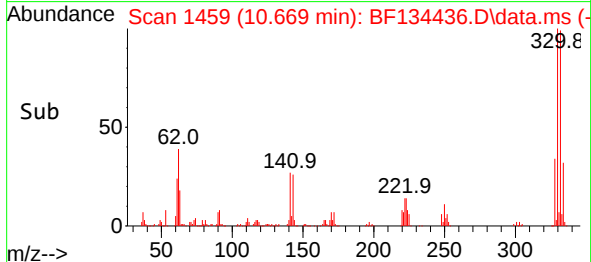
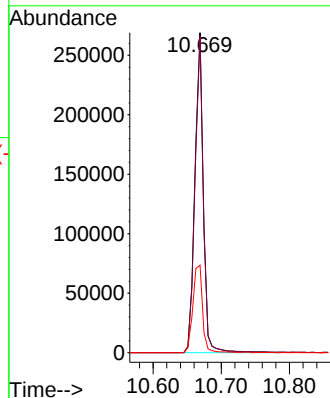
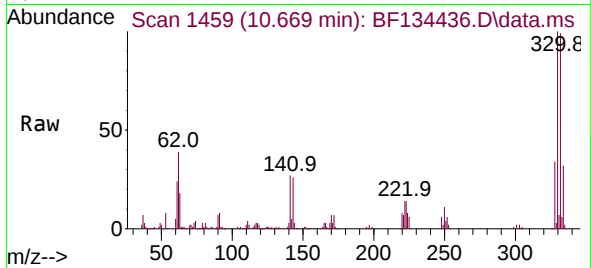
Tgt Ion:330 Resp: 229838

Ion Ratio Lower Upper

330 100

332 96.9 78.8 118.2

141 31.3 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 139.208 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF134436.D

Acq: 24 Jul 2023 18:49

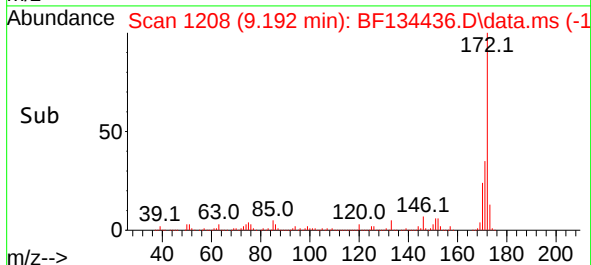
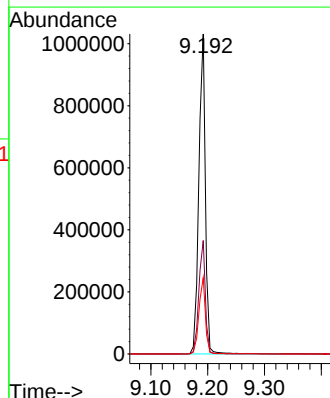
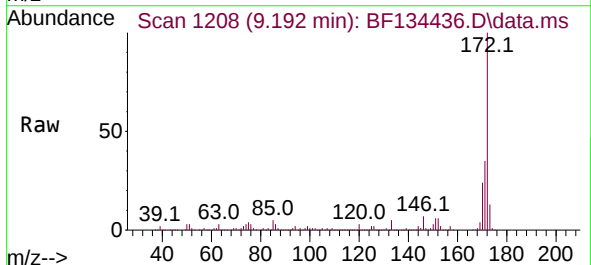
Tgt Ion:172 Resp: 833483

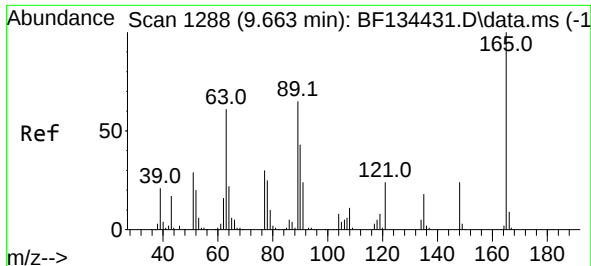
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.8 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 7.863 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF134436.D

Acq: 24 Jul 2023 18:49

Instrument :

BNA_F

ClientSampleId :

PB154085BL

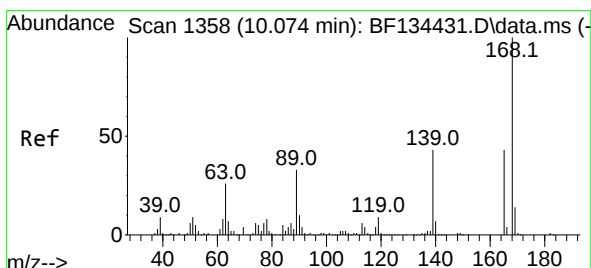
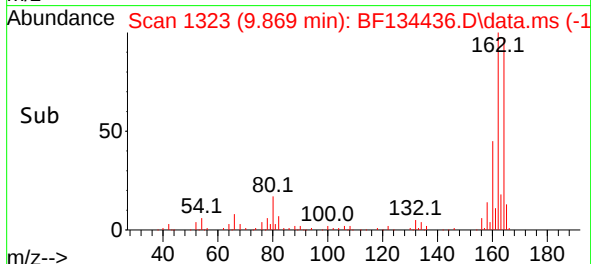
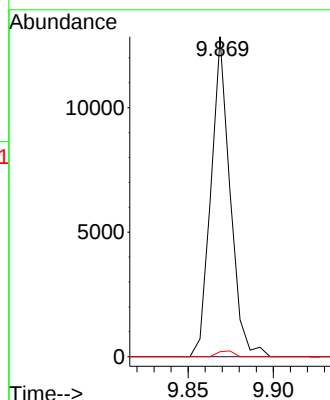
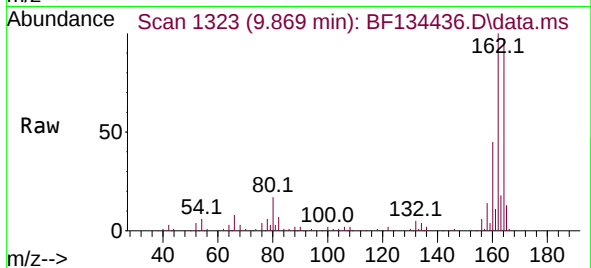
Tgt Ion:165 Resp: 10053

Ion Ratio Lower Upper

165 100

63 0.0 57.8 86.6#

89 1.5 51.8 77.8#



#57

2,4-Dinitrotoluene

Concen: 5.854 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.206 min

Lab File: BF134436.D

Acq: 24 Jul 2023 18:49

Tgt Ion:165 Resp: 10053

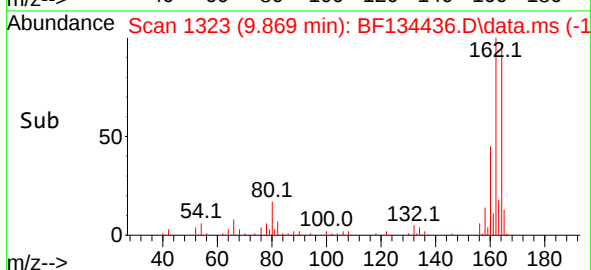
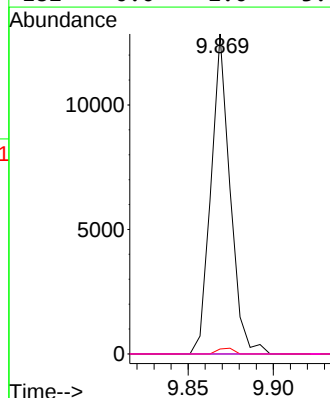
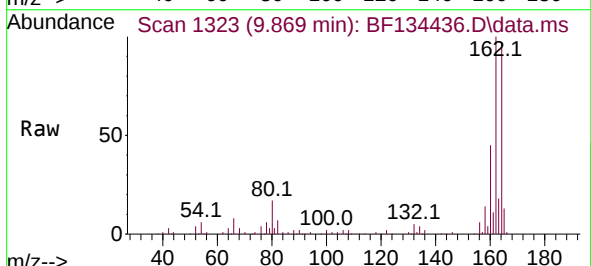
Ion Ratio Lower Upper

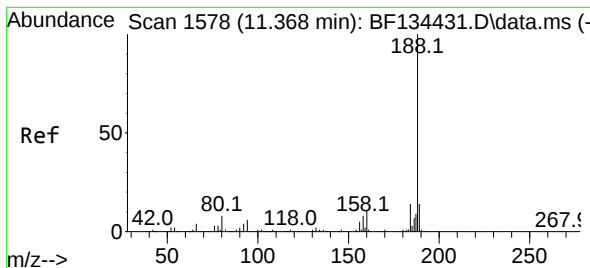
165 100

63 0.0 48.9 73.3#

89 1.5 61.7 92.5#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134436.D

Acq: 24 Jul 2023 18:49

Instrument :

BNA_F

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PB154085BL

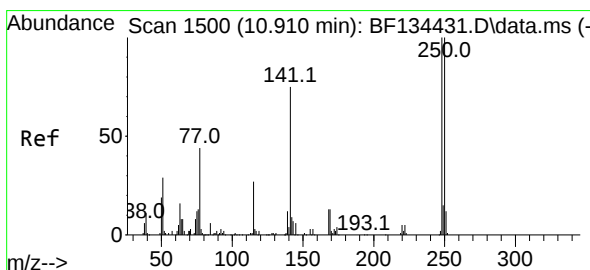
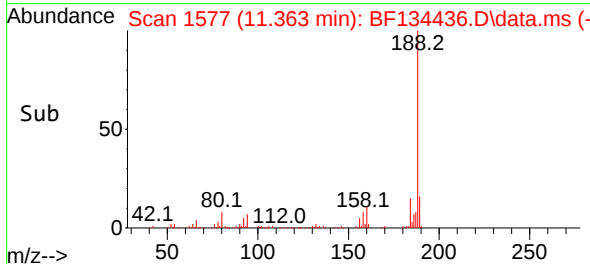
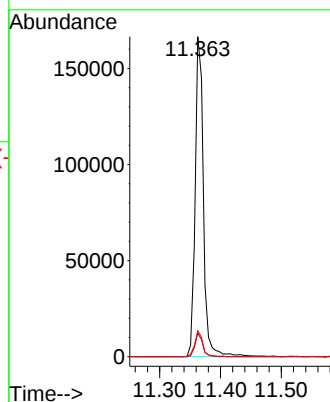
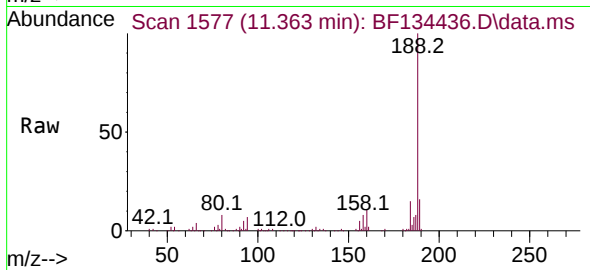
Tgt Ion:188 Resp: 156471

Ion Ratio Lower Upper

188 100

94 7.4 5.1 7.7

80 8.1 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 8.344 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.241 min

Lab File: BF134436.D

Acq: 24 Jul 2023 18:49

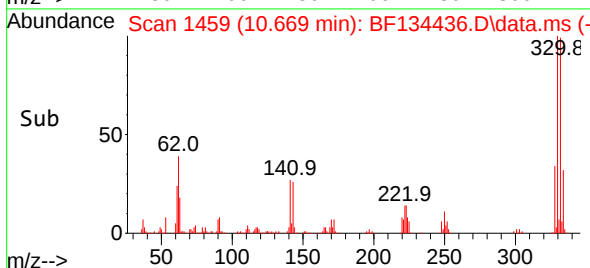
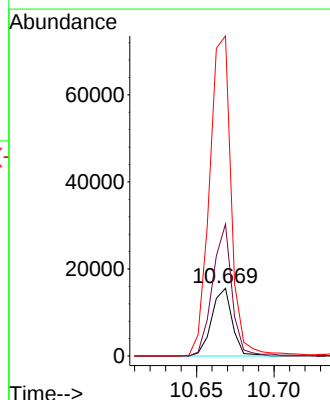
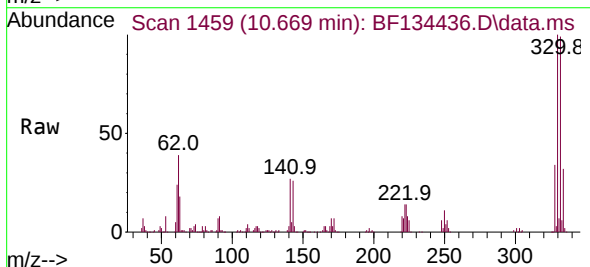
Tgt Ion:248 Resp: 14304

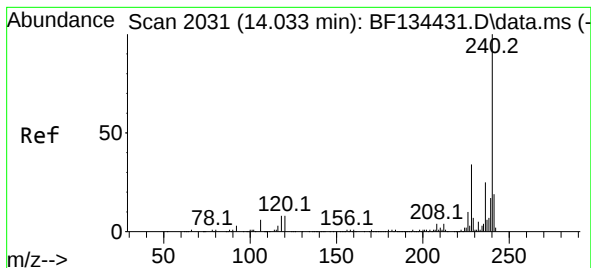
Ion Ratio Lower Upper

248 100

250 194.7 79.6 119.4#

141 472.4 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134436.D

Acq: 24 Jul 2023 18:49

Instrument :

BNA_F

ClientSampleId :

PB154085BL

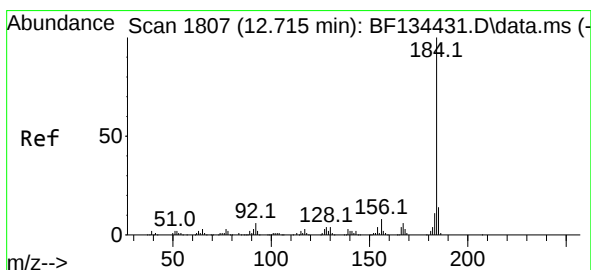
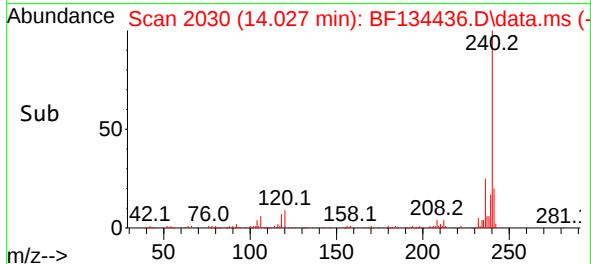
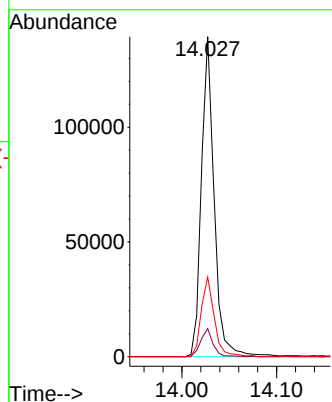
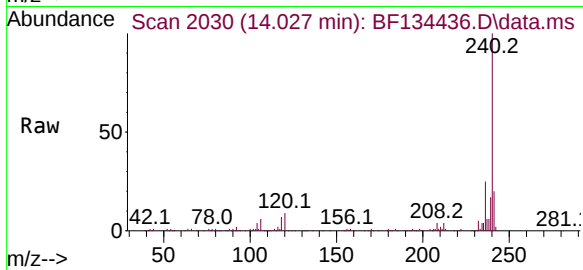
Tgt Ion:240 Resp: 131177

Ion Ratio Lower Upper

240 100

120 8.7 6.6 10.0

236 24.9 20.2 30.2



#77

Benzidine

Concen: 5.319 ng

RT: 12.968 min Scan# 1850

Delta R.T. 0.253 min

Lab File: BF134436.D

Acq: 24 Jul 2023 18:49

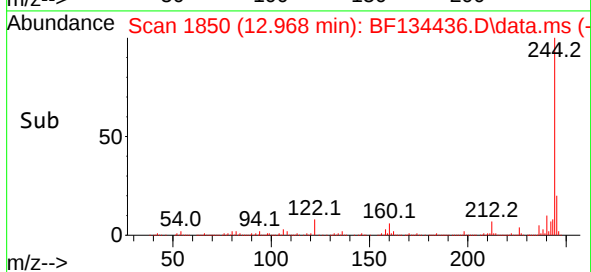
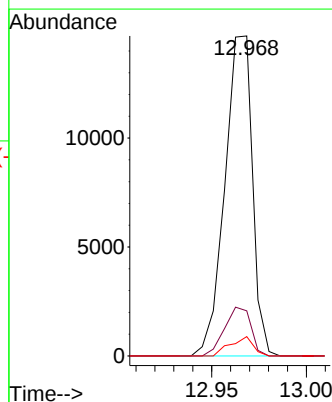
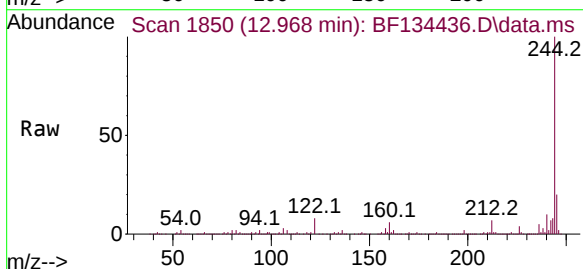
Tgt Ion:184 Resp: 14898

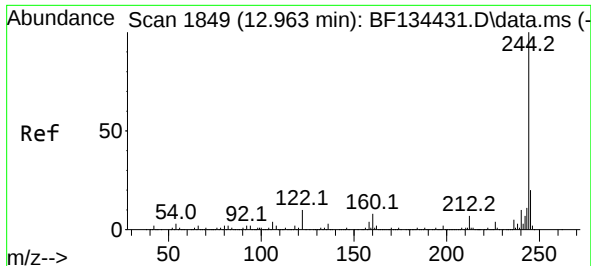
Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

183 6.1 8.6 13.0#

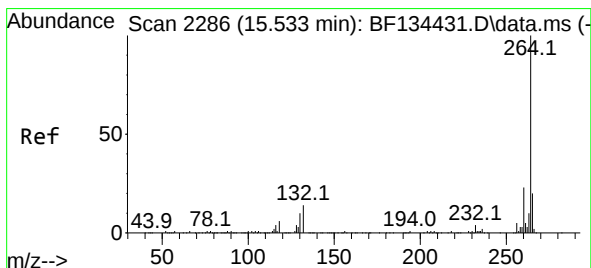
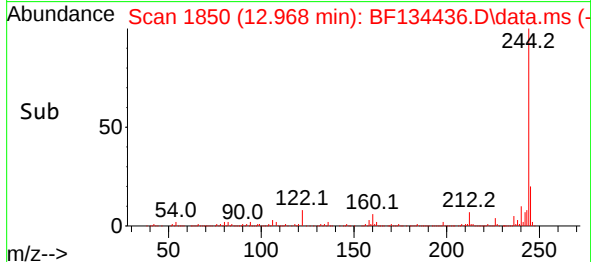
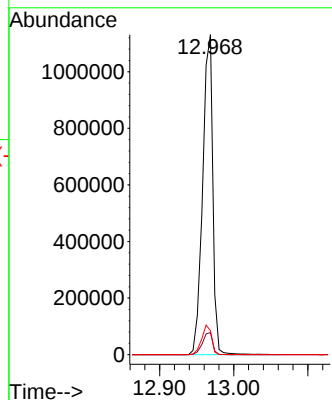
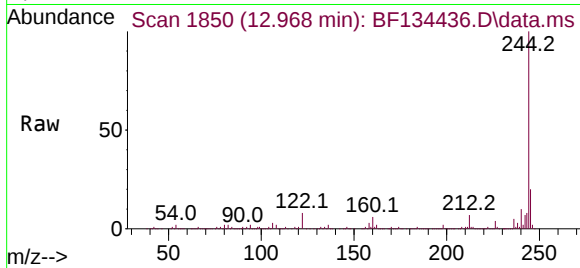




#79
Terphenyl-d14
Concen: 143.902 ng
RT: 12.968 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BF134436.D
Acq: 24 Jul 2023 18:49

Instrument :
BNA_F
ClientSampleId :
PB154085BL

Tgt Ion:244 Resp: 1081344
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 7.5 8.0 12.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF134436.D
Acq: 24 Jul 2023 18:49

Tgt Ion:264 Resp: 123317
Ion Ratio Lower Upper
264 100
260 24.2 18.4 27.6
265 22.5 15.8 23.8

