

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134239.D
 Acq On : 12 Jul 2023 10:36
 Operator : CG\JU
 Sample : PB154118BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154118BL

Quant Time: Jul 12 13:11:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

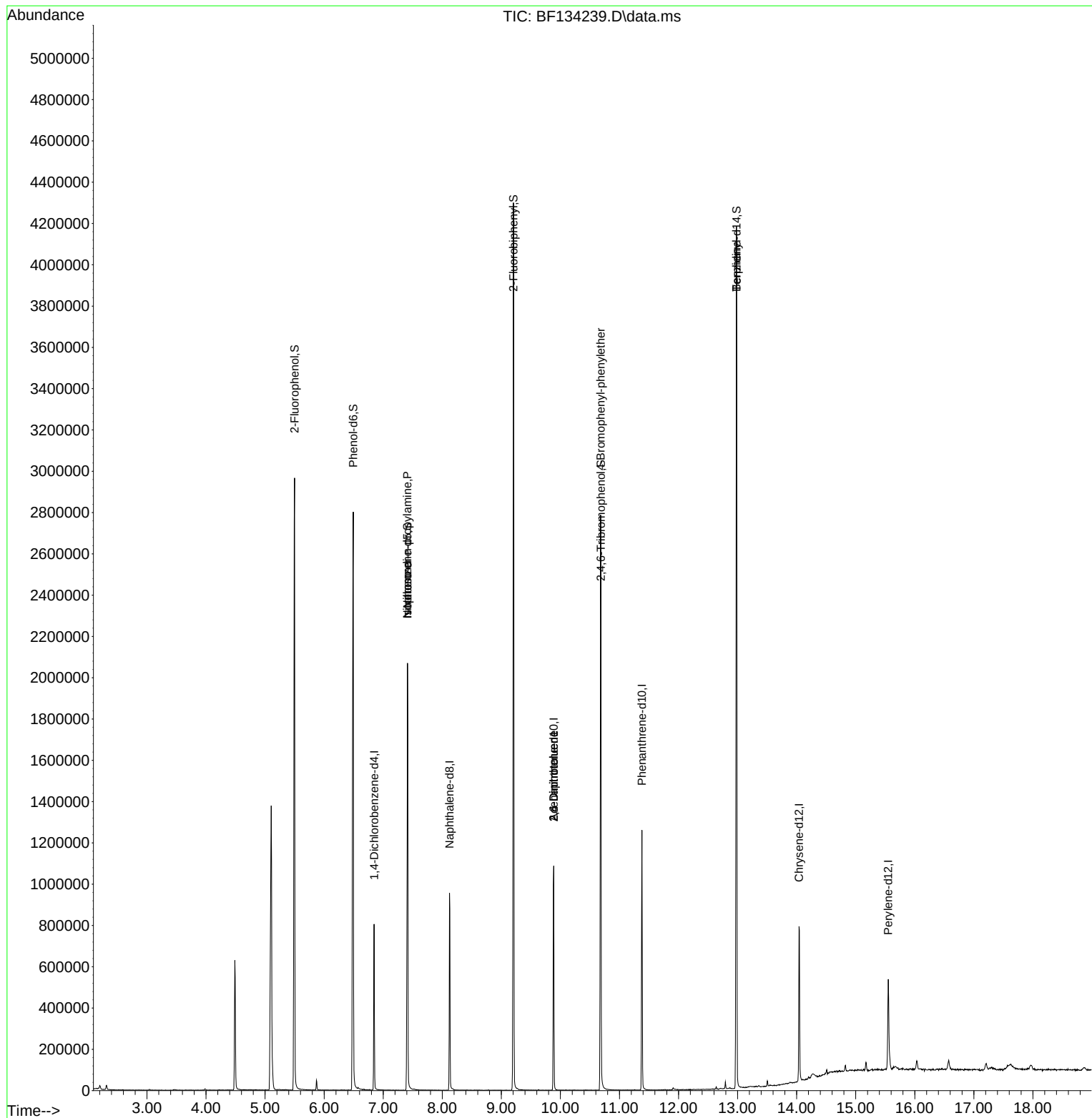
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	108802	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	426171	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	224182	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	457327	20.000	ng	0.00
76) Chrysene-d12	14.039	240	283058	20.000	ng	0.00
86) Perylene-d12	15.551	264	222529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	829736	127.567	ng	0.02
7) Phenol-d6	6.493	99	993634	124.220	ng	0.00
23) Nitrobenzene-d5	7.410	82	698566	88.360	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	370268	131.731	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1321866	85.727	ng	0.00
79) Terphenyl-d14	12.980	244	1624323	92.356	ng	0.00
Target Compounds						
9) Benzaldehyde	6.404	77	352	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.410	70	99308	19.577	ng	# 76
25) Isophorone	7.410	82	698566	48.618	ng	# 64
51) 2,6-Dinitrotoluene	9.886	165	27701	7.903	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	27701	5.984	ng	# 23
67) 4-Bromophenyl-phenylether	10.681	248	22230	4.573	ng	# 1
77) Benizidine	12.980	184	23426	3.478	ng	# 91

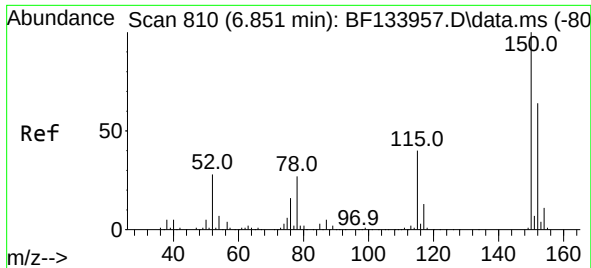
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134239.D
Acq On : 12 Jul 2023 10:36
Operator : CG\JU
Sample : PB154118BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB154118BL

Quant Time: Jul 12 13:11:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration

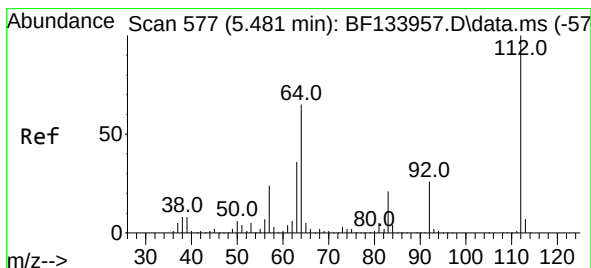
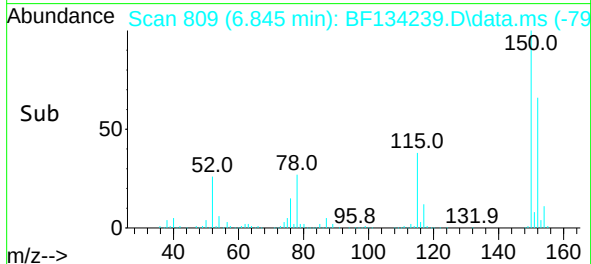
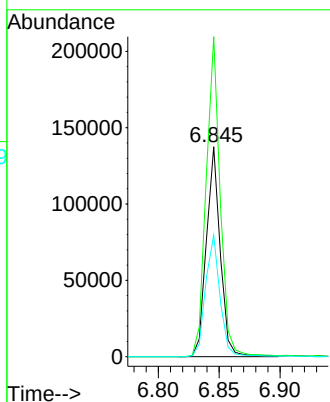
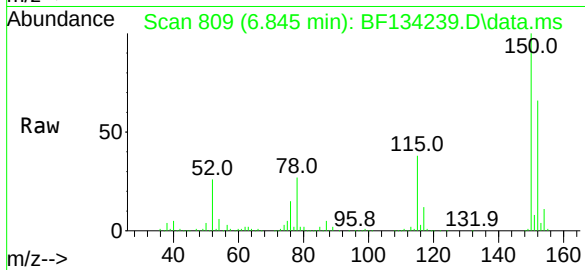




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134239.D
 Acq: 12 Jul 2023 10:36

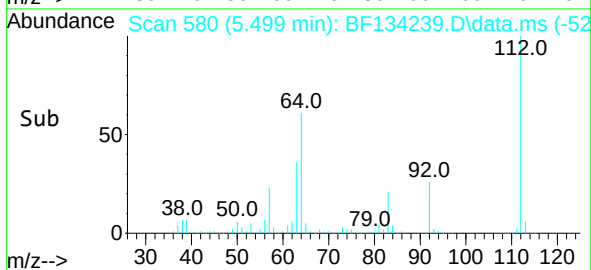
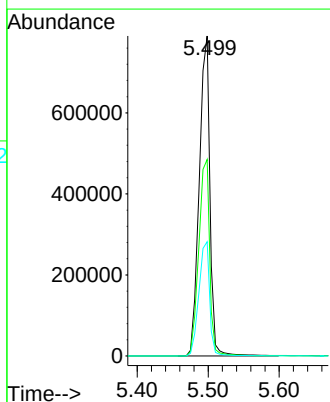
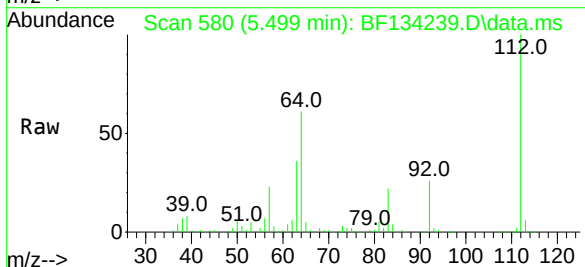
Instrument :
 BNA_F
 ClientSampleId :
 PB154118BL

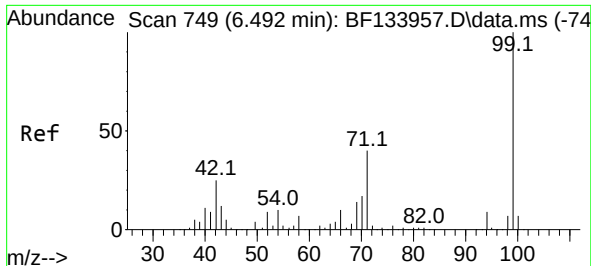
Tgt Ion:152 Resp: 108802
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.5 186.7
 115 58.0 50.2 75.2



#5
 2-Fluorophenol
 Concen: 127.567 ng
 RT: 5.499 min Scan# 580
 Delta R.T. 0.024 min
 Lab File: BF134239.D
 Acq: 12 Jul 2023 10:36

Tgt Ion:112 Resp: 829736
 Ion Ratio Lower Upper
 112 100
 64 61.4 52.1 78.1
 63 35.7 28.6 42.8

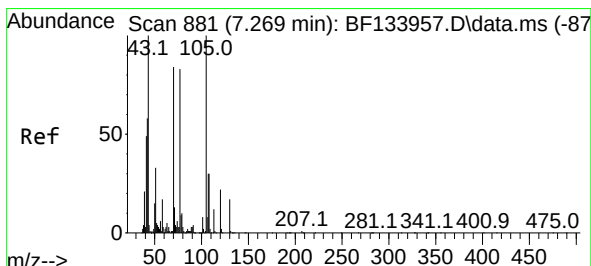
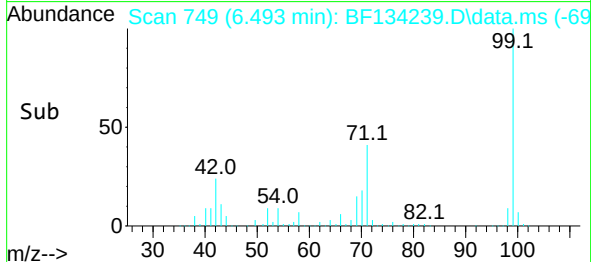
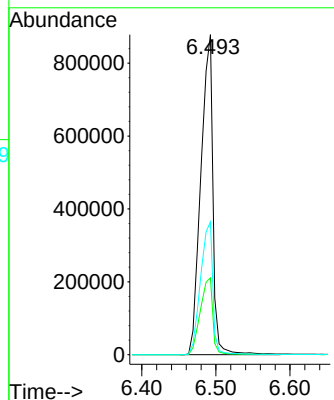
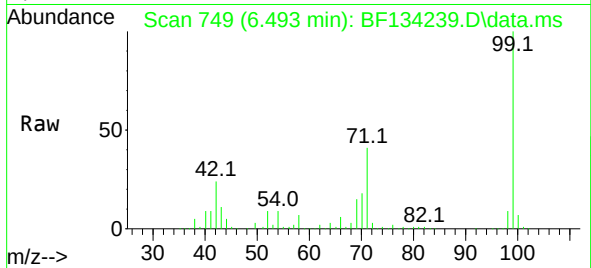




#7
Phenol-d6
Concen: 124.220 ng
RT: 6.493 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

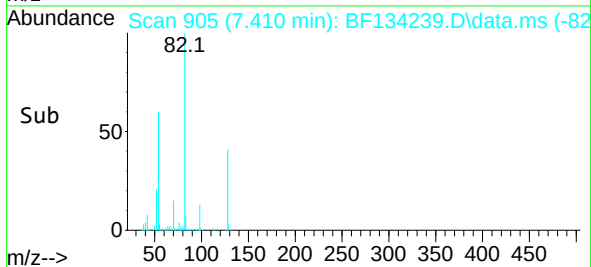
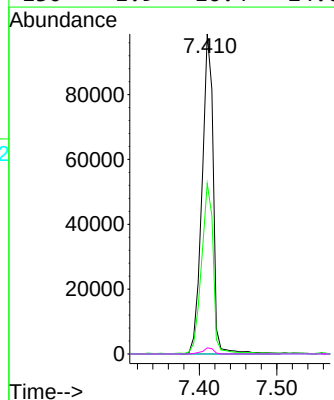
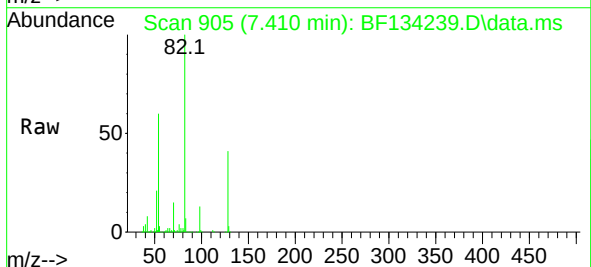
Instrument :
BNA_F
ClientSampleId :
PB154118BL

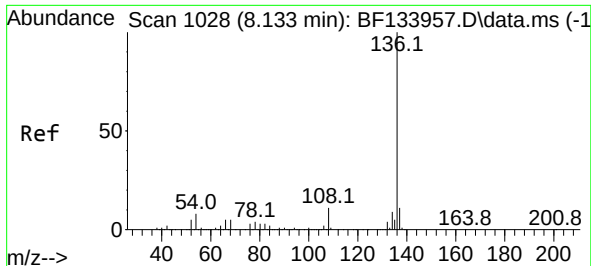
Tgt Ion: 99 Resp: 993634
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 41.5 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.577 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

Tgt Ion: 70 Resp: 99308
Ion Ratio Lower Upper
70 100
42 53.3 54.7 82.1#
101 0.0 7.7 11.5#
130 1.9 16.4 24.6#

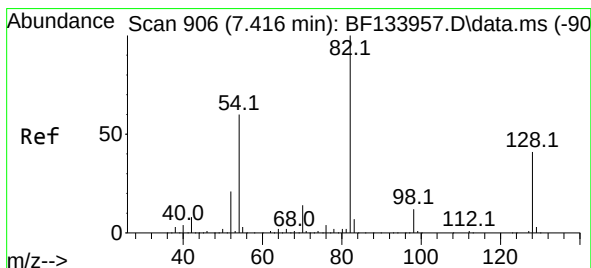
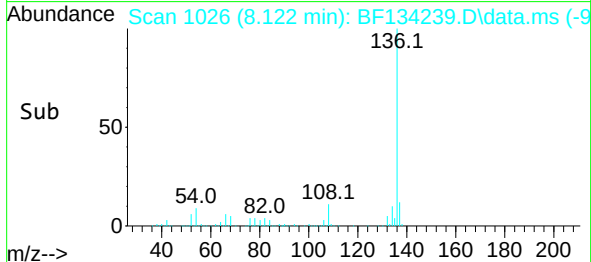
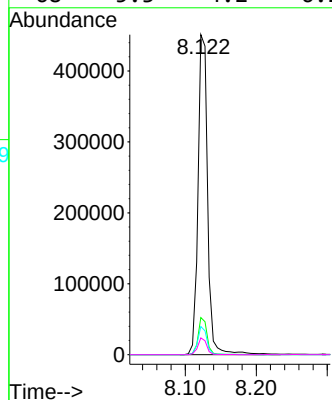
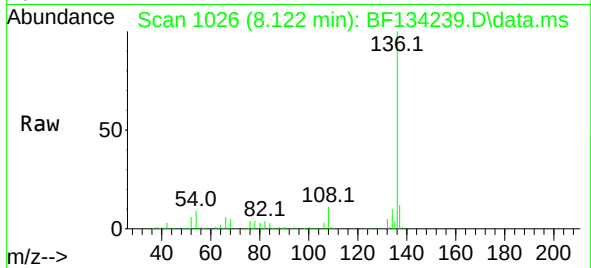




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

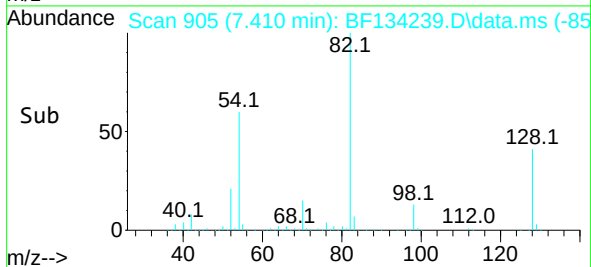
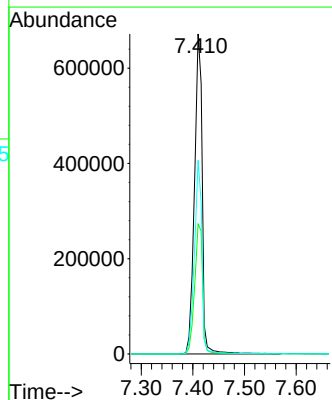
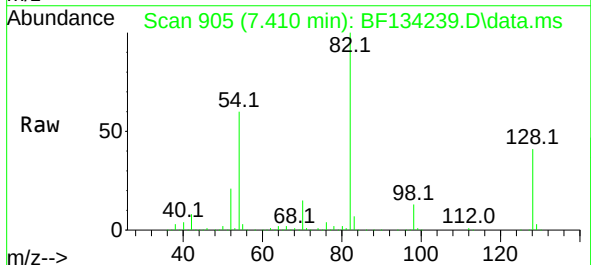
Instrument :
BNA_F
ClientSampleId :
PB154118BL

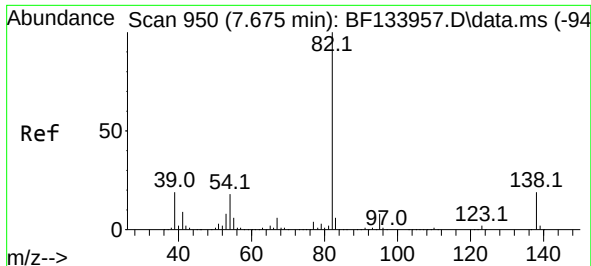
Tgt Ion:136 Resp: 426171
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 8.8 6.5 9.7
68 5.3 4.2 6.2



#23
Nitrobenzene-d5
Concen: 88.360 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

Tgt Ion: 82 Resp: 698566
Ion Ratio Lower Upper
82 100
128 40.6 32.5 48.7
54 60.5 48.2 72.2

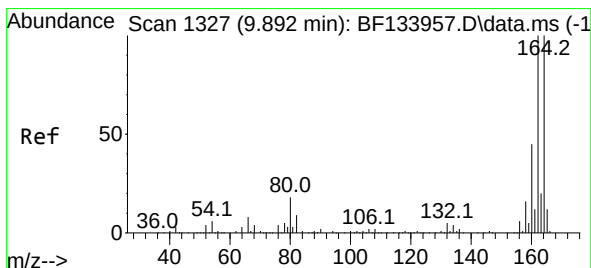
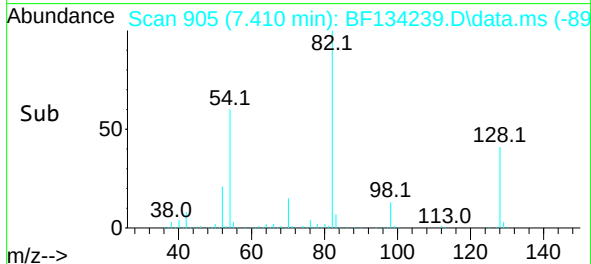
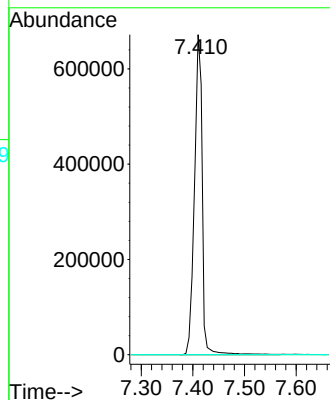
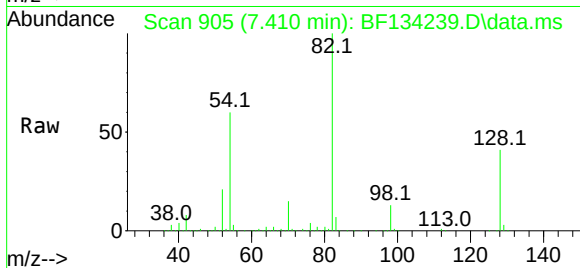




#25
Isophorone
Concen: 48.618 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

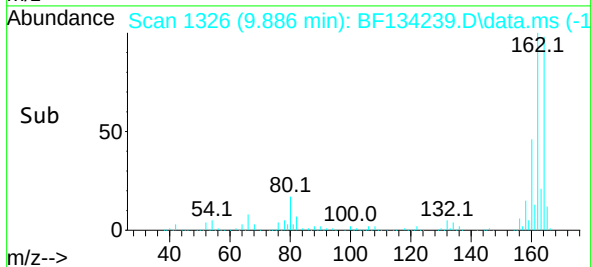
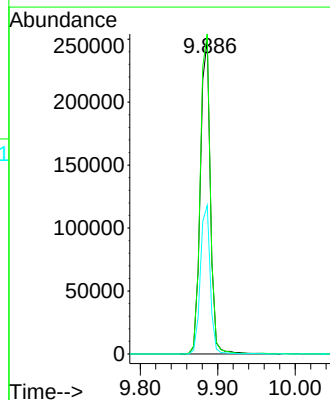
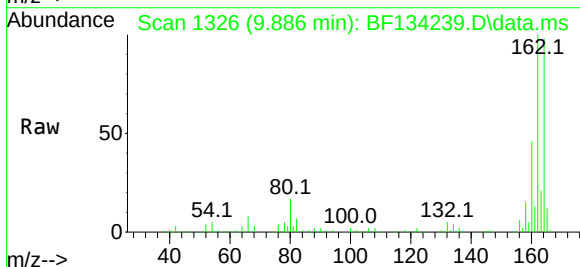
Instrument :
BNA_F
ClientSampleId :
PB154118BL

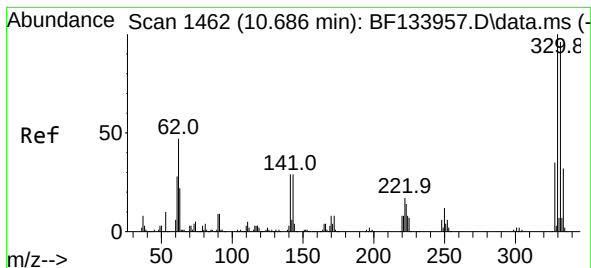
Tgt Ion: 82 Resp: 698566
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

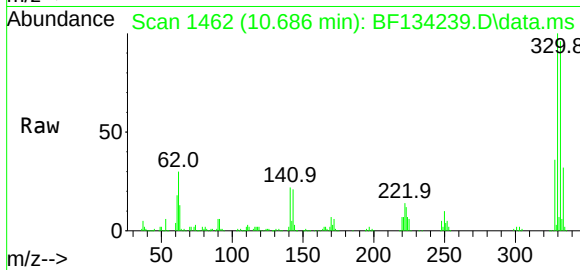
Tgt Ion:164 Resp: 224182
Ion Ratio Lower Upper
164 100
162 101.9 80.0 120.0
160 47.3 35.9 53.9



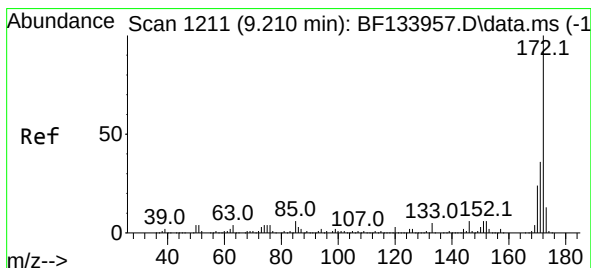
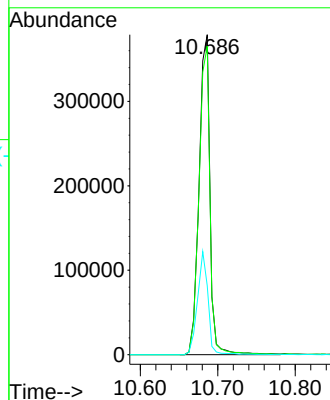
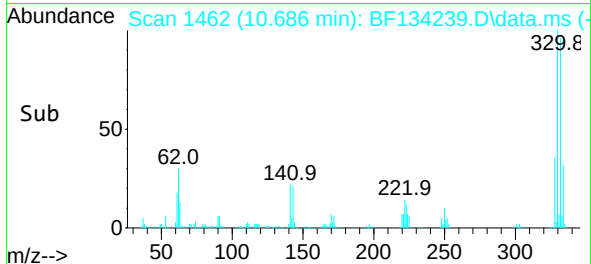


#42
2,4,6-Tribromophenol
Concen: 131.731 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

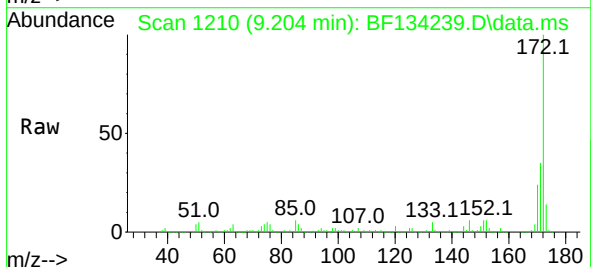
Instrument :
BNA_F
ClientSampleId :
PB154118BL



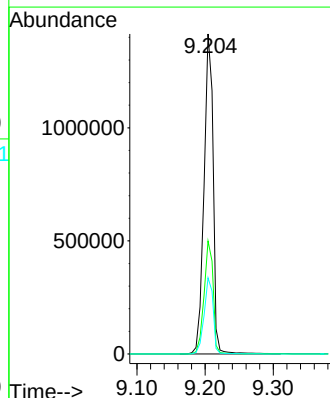
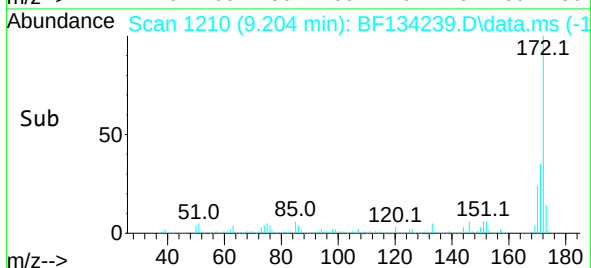
Tgt Ion:330 Resp: 370268
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 31.1 26.3 39.5

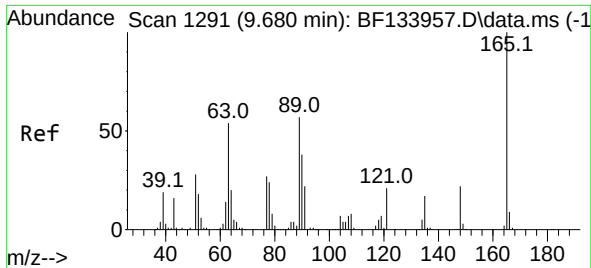


#45
2-Fluorobiphenyl
Concen: 85.727 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36



Tgt Ion:172 Resp: 1321866
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.8 19.4 29.0

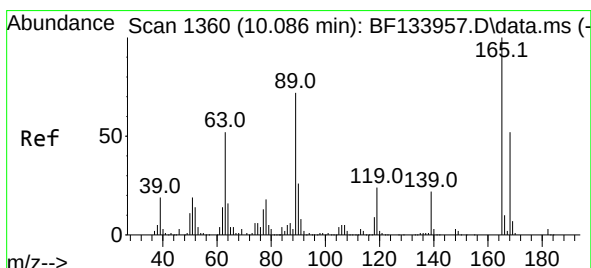
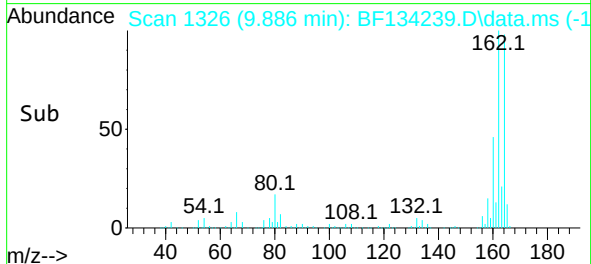
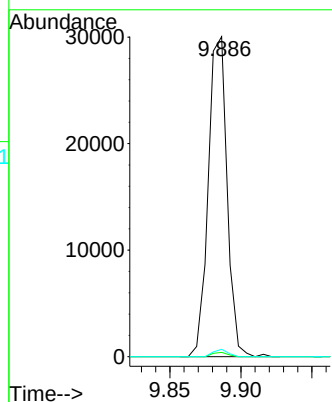
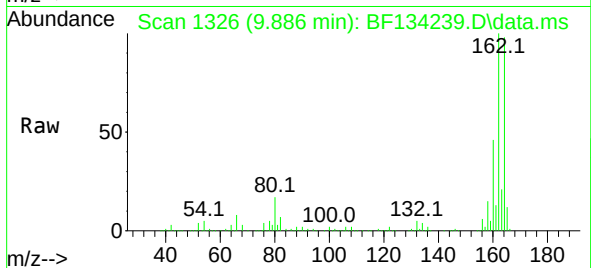




#51
2,6-Dinitrotoluene
Concen: 7.903 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

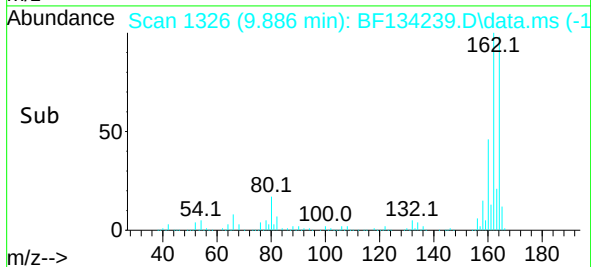
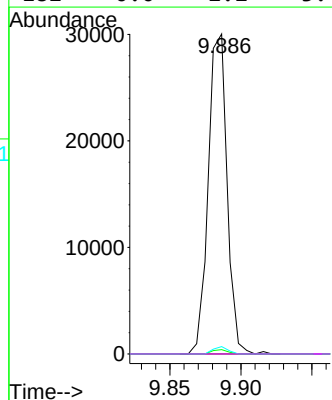
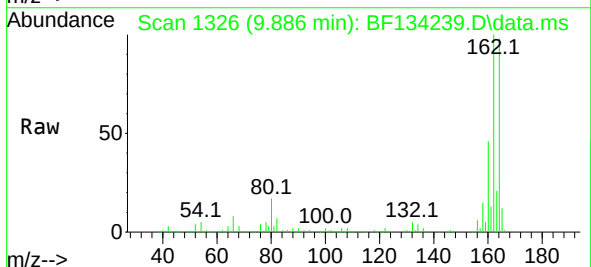
Instrument :
BNA_F
ClientSampleId :
PB154118BL

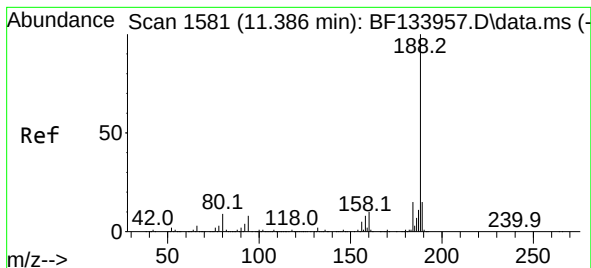
Tgt Ion:165 Resp: 27701
Ion Ratio Lower Upper
165 100
63 1.3 48.5 72.7#
89 2.3 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 5.984 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.194 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

Tgt Ion:165 Resp: 27701
Ion Ratio Lower Upper
165 100
63 1.3 42.2 63.2#
89 2.3 57.4 86.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134239.D

Acq: 12 Jul 2023 10:36

Instrument :

BNA_F

ClientSampleId :

PB154118BL

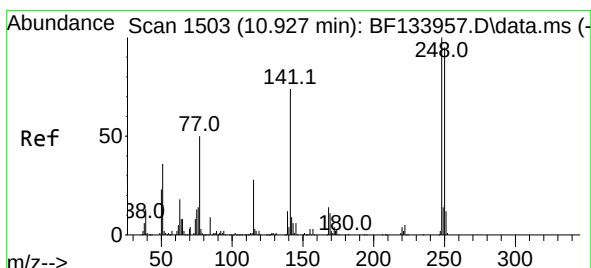
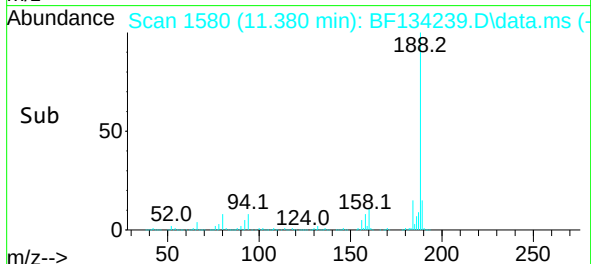
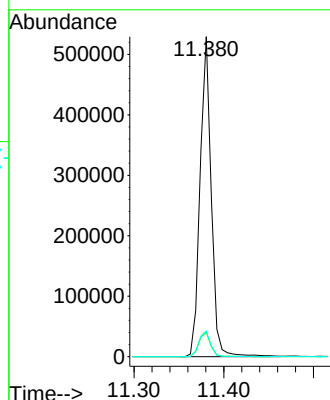
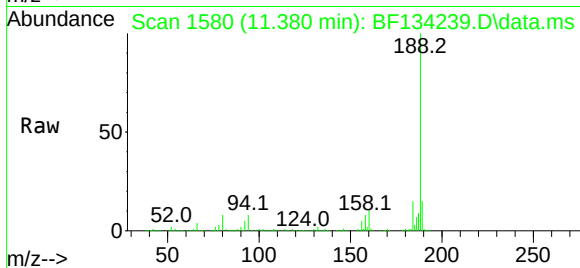
Tgt Ion:188 Resp: 457327

Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.0 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.573 ng

RT: 10.681 min Scan# 1461

Delta R.T. -0.241 min

Lab File: BF134239.D

Acq: 12 Jul 2023 10:36

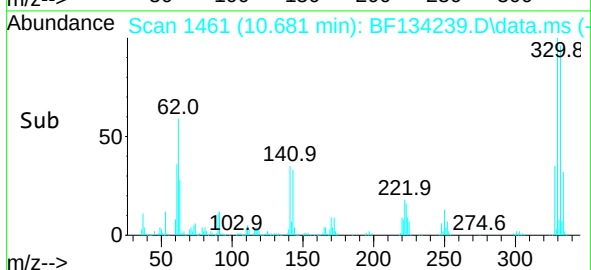
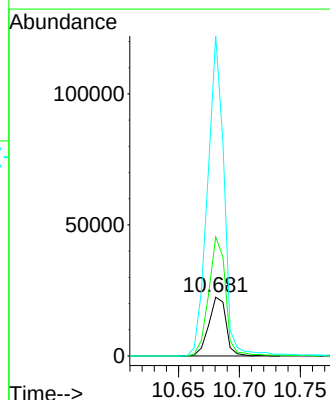
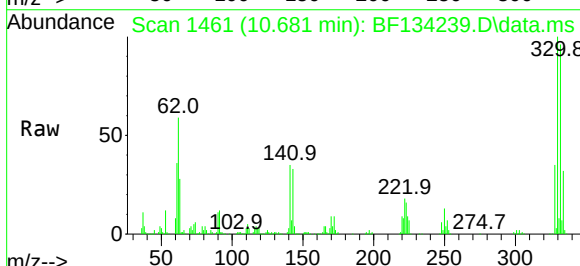
Tgt Ion:248 Resp: 22230

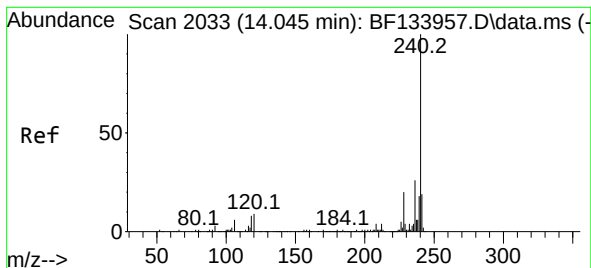
Ion Ratio Lower Upper

248 100

250 202.3 76.2 114.4#

141 544.2 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF134239.D

Acq: 12 Jul 2023 10:36

Instrument :

BNA_F

ClientSampleId :

PB154118BL

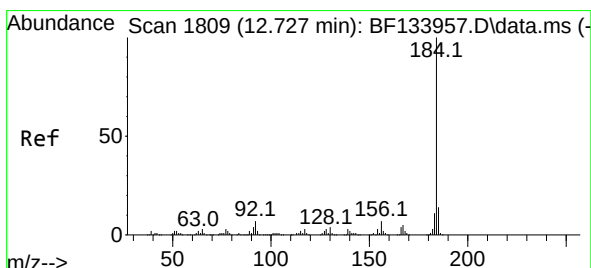
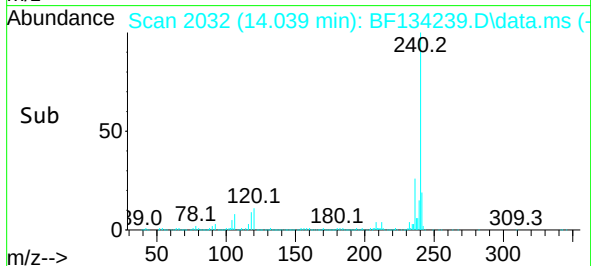
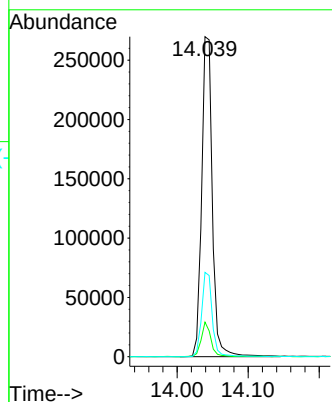
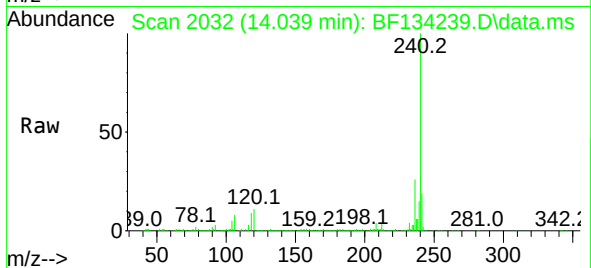
Tgt Ion:240 Resp: 283058

Ion Ratio Lower Upper

240 100

120 10.8 7.4 11.0

236 26.3 21.0 31.6



#77

Benzidine

Concen: 3.478 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.253 min

Lab File: BF134239.D

Acq: 12 Jul 2023 10:36

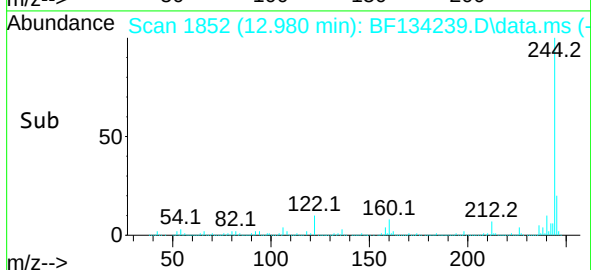
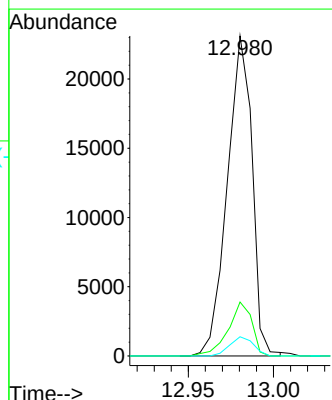
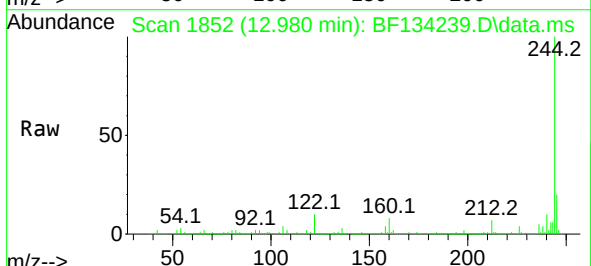
Tgt Ion:184 Resp: 23426

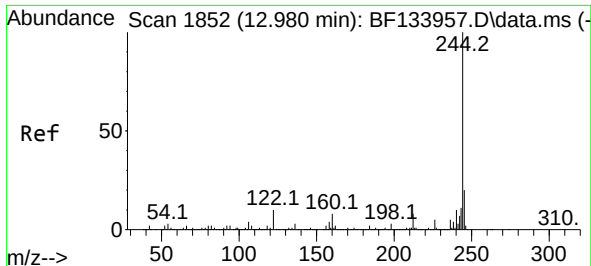
Ion Ratio Lower Upper

184 100

185 16.8 11.6 17.4

183 6.0 8.8 13.2#

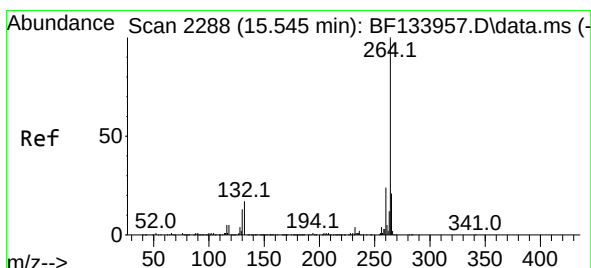
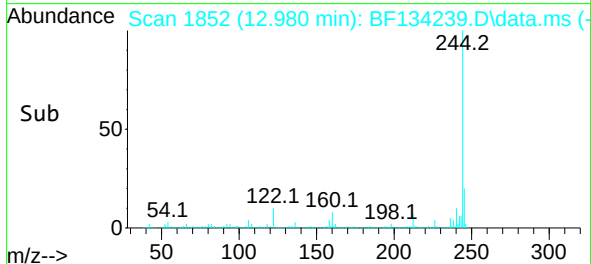
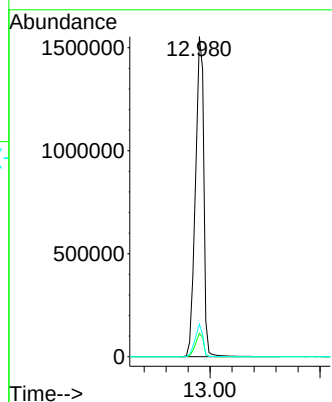
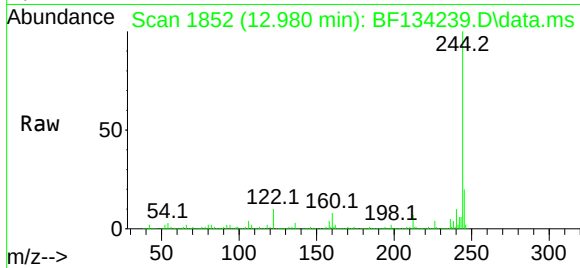




#79
 Terphenyl-d14
 Concen: 92.356 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF134239.D
 Acq: 12 Jul 2023 10:36

Instrument :
 BNA_F
 ClientSampleId :
 PB154118BL

Tgt Ion:244 Resp: 1624323
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF134239.D
 Acq: 12 Jul 2023 10:36

Tgt Ion:264 Resp: 222529
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.5 16.6 25.0

