

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133433.D
 Acq On : 18 May 2023 10:54
 Operator : CG\JU
 Sample : PB152770TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152770TB

Quant Time: May 18 13:23:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

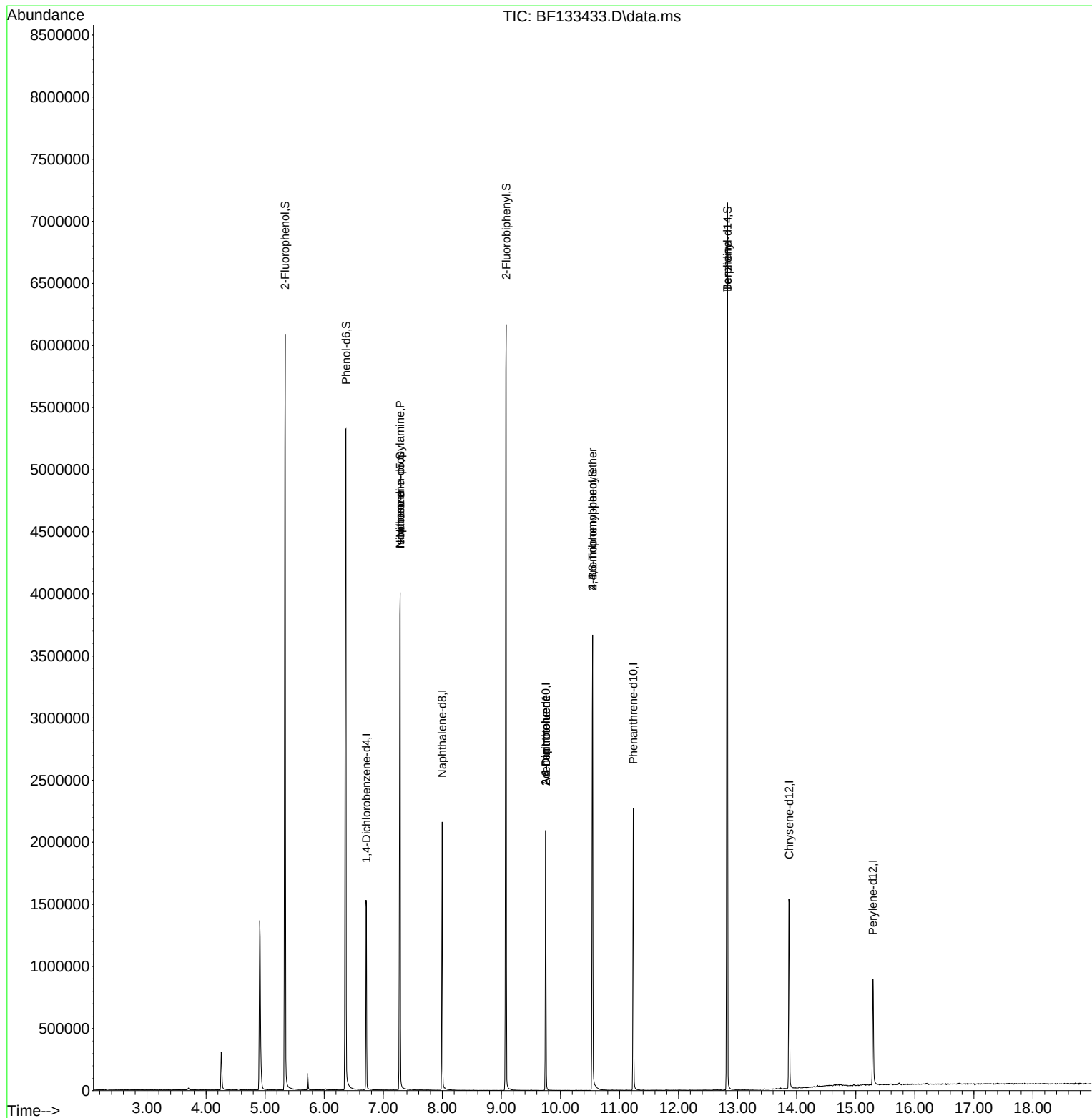
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	235734	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	902042	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	399963	20.000	ng	-0.01
64) Phenanthrene-d10	11.233	188	823096	20.000	ng	-0.01
76) Chrysene-d12	13.874	240	562690	20.000	ng	-0.01
86) Perylene-d12	15.292	264	381980	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1940798	124.369	ng	0.00
7) Phenol-d6	6.369	99	2357983	121.738	ng	0.00
23) Nitrobenzene-d5	7.286	82	1451569	86.860	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	524450	130.383	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	2091868	87.500	ng	0.00
79) Terphenyl-d14	12.827	244	2845345	87.211	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.304	77	257	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.286	70	191473	15.879	ng	# 73
25) Isophorone	7.286	82	1451552	45.747	ng	# 63
51) 2,6-Dinitrotoluene	9.751	165	52182	8.313	ng	# 24
57) 2,4-Dinitrotoluene	9.751	165	52182	6.519	ng	# 23
67) 4-Bromophenyl-phenylether	10.545	248	33545	3.758	ng	# 1
77) Benzydine	12.827	184	33000	3.468	ng	# 94

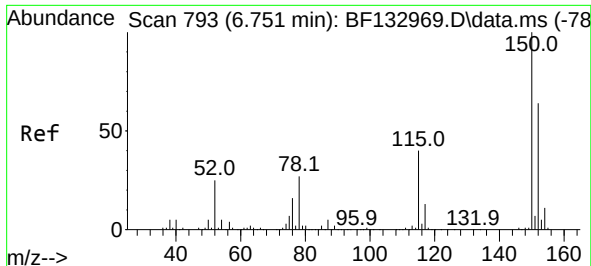
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
Data File : BF133433.D
Acq On : 18 May 2023 10:54
Operator : CG\JU
Sample : PB152770TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB152770TB

Quant Time: May 18 13:23:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 16 14:39:29 2023
Response via : Initial Calibration

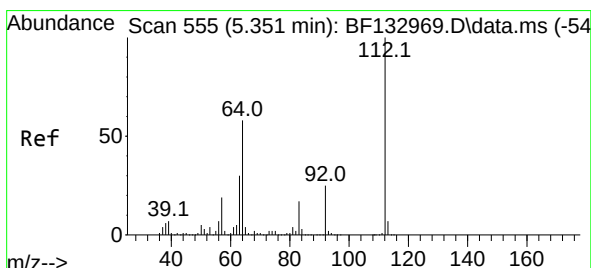
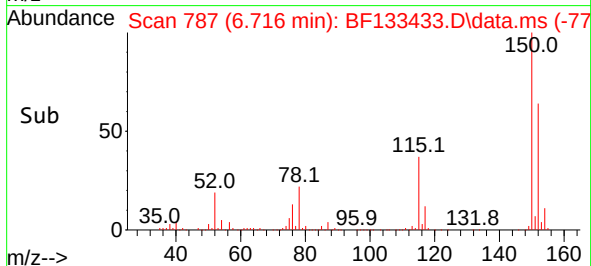
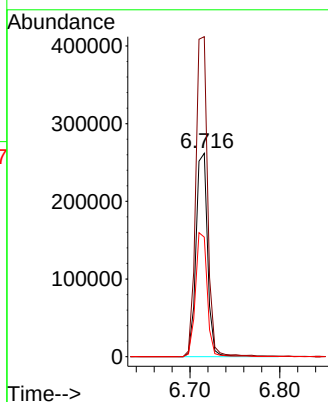
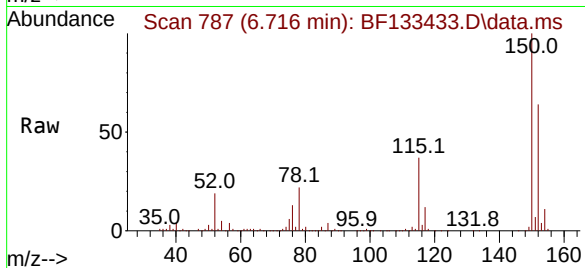




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.716 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133433.D
 Acq: 18 May 2023 10:54

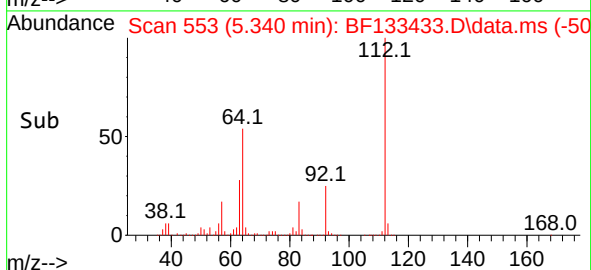
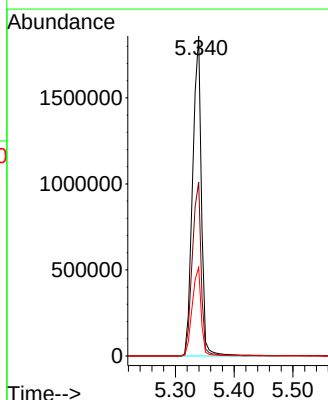
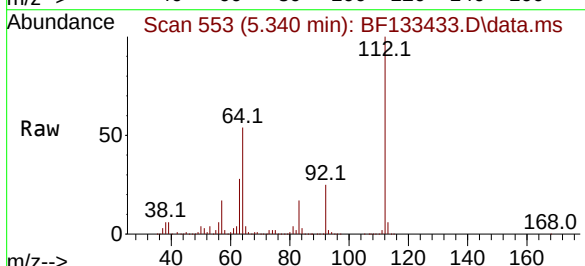
Instrument :
 BNA_F
 ClientSampleId :
 PB152770TB

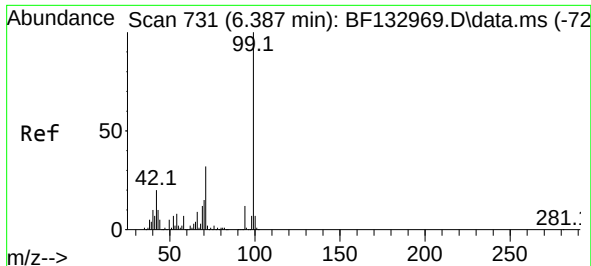
Tgt Ion:152 Resp: 235734
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.8 187.2
 115 58.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 124.369 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF133433.D
 Acq: 18 May 2023 10:54

Tgt Ion:112 Resp: 1940798
 Ion Ratio Lower Upper
 112 100
 64 54.3 46.8 70.2
 63 27.6 23.8 35.8

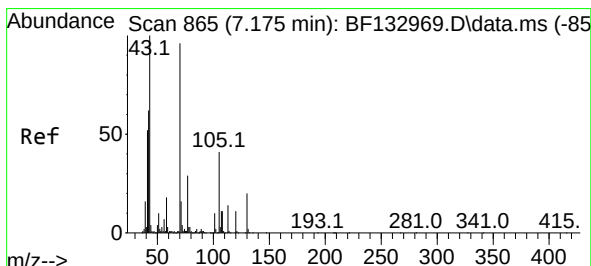
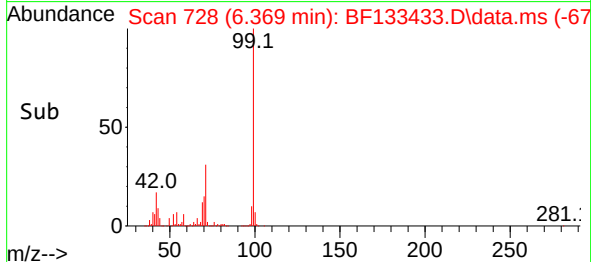
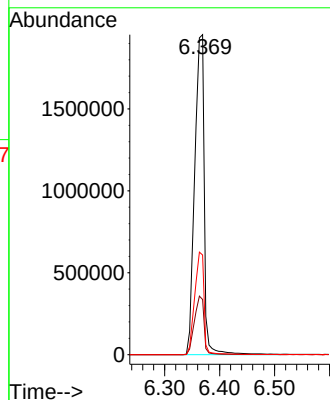
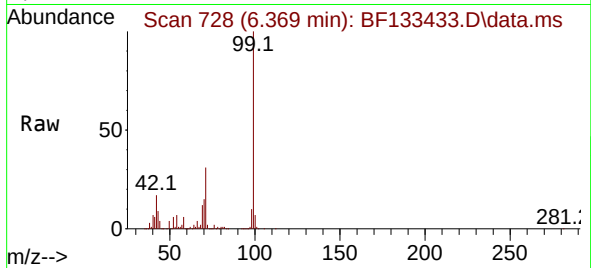




#7
Phenol-d6
Concen: 121.738 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133433.D
Acq: 18 May 2023 10:54

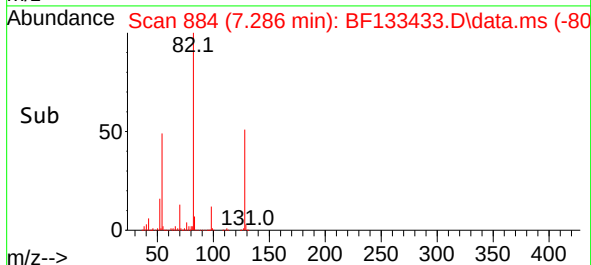
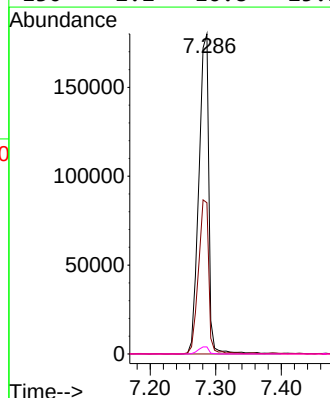
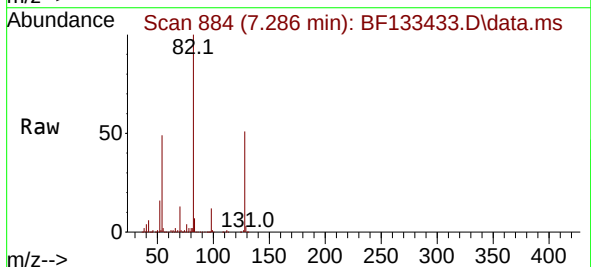
Instrument :
BNA_F
ClientSampleId :
PB152770TB

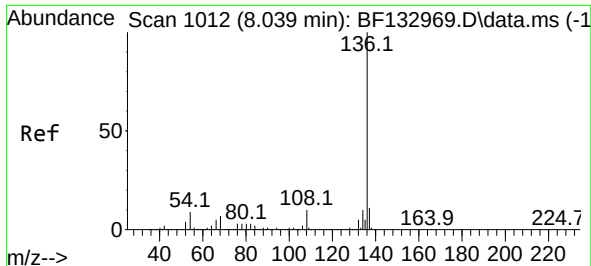
Tgt Ion: 99 Resp: 2357983
Ion Ratio Lower Upper
99 100
42 17.3 16.3 24.5
71 31.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.879 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133433.D
Acq: 18 May 2023 10:54

Tgt Ion: 70 Resp: 191473
Ion Ratio Lower Upper
70 100
42 47.3 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

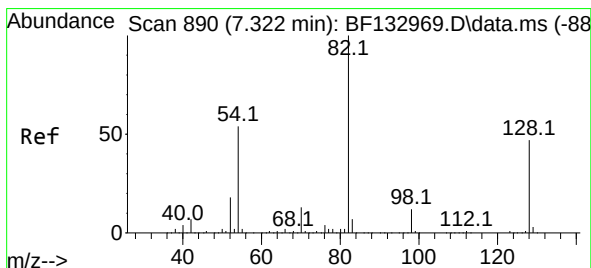
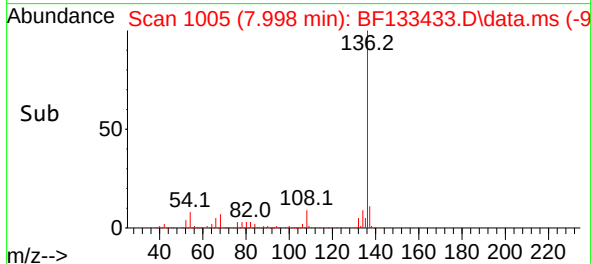
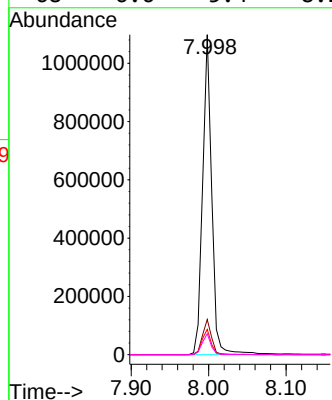
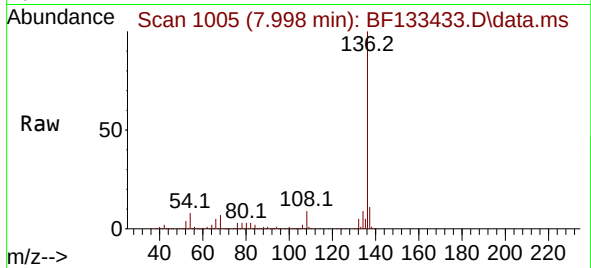




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133433.D
Acq: 18 May 2023 10:54

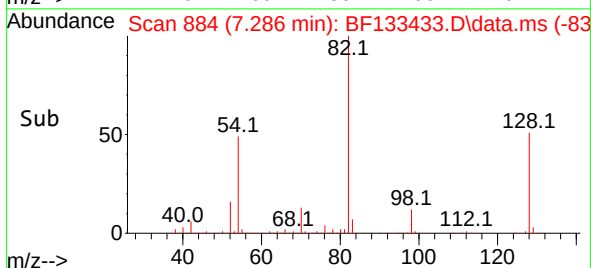
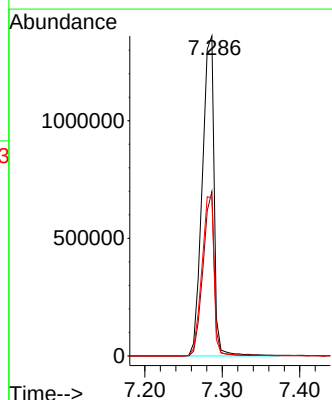
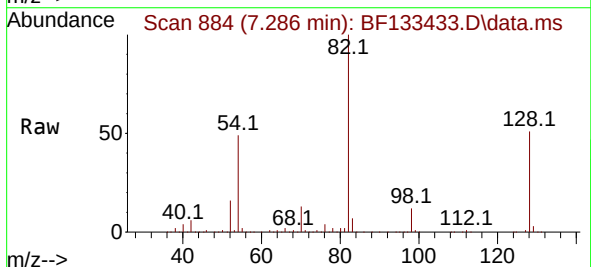
Instrument :
BNA_F
ClientSampleId :
PB152770TB

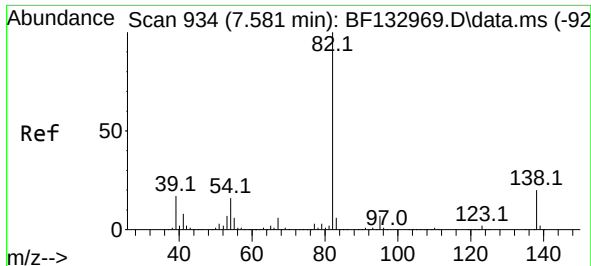
Tgt Ion:136 Resp: 902042
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.9 7.0 10.4
68 6.6 5.4 8.2



#23
Nitrobenzene-d5
Concen: 86.860 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133433.D
Acq: 18 May 2023 10:54

Tgt Ion: 82 Resp: 1451569
Ion Ratio Lower Upper
82 100
128 51.3 37.7 56.5
54 49.4 43.0 64.4

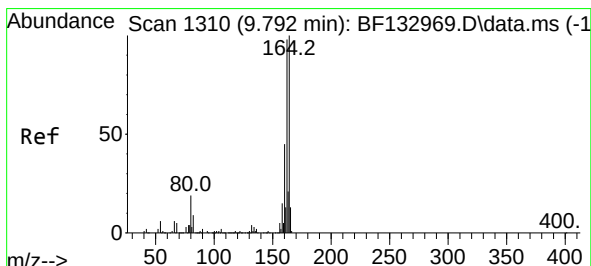
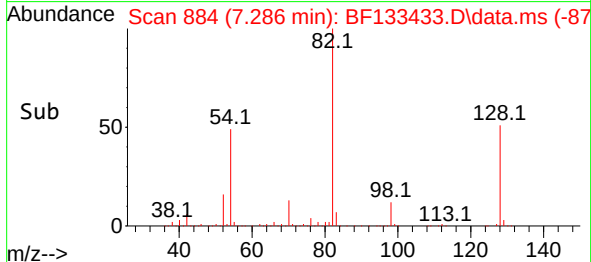
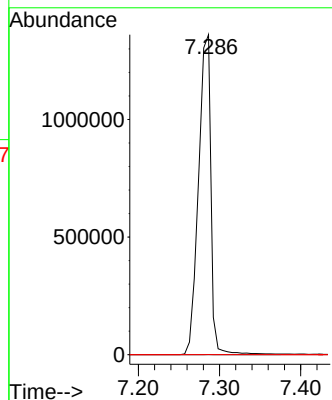
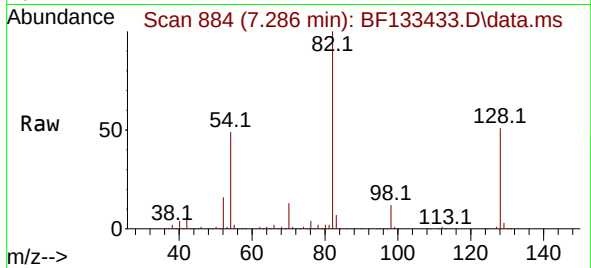




#25
Isophorone
Concen: 45.747 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133433.D
Acq: 18 May 2023 10:54

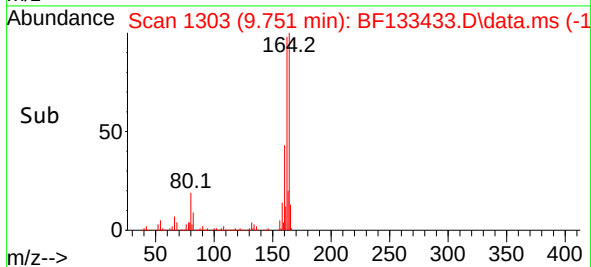
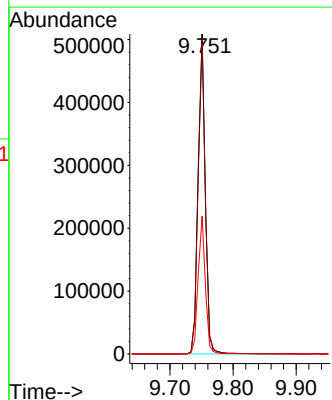
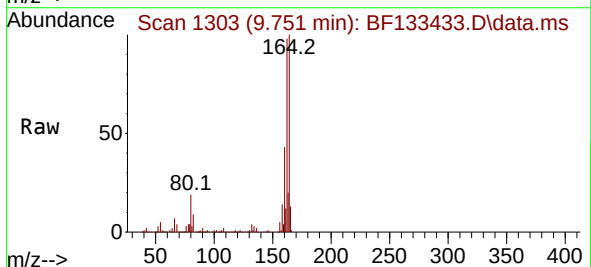
Instrument :
BNA_F
ClientSampleId :
PB152770TB

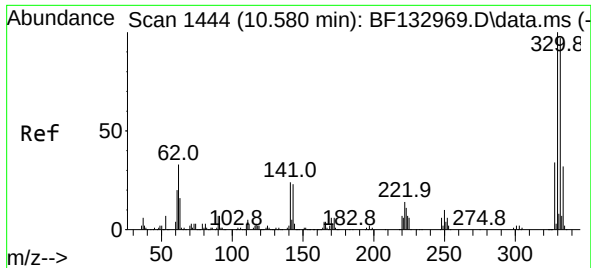
Tgt Ion: 82 Resp: 1451552
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF133433.D
Acq: 18 May 2023 10:54

Tgt Ion:164 Resp: 399963
Ion Ratio Lower Upper
164 100
162 98.5 78.7 118.1
160 43.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 130.383 ng

RT: 10.545 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133433.D

Acq: 18 May 2023 10:54

Instrument :

BNA_F

ClientSampleId :

PB152770TB

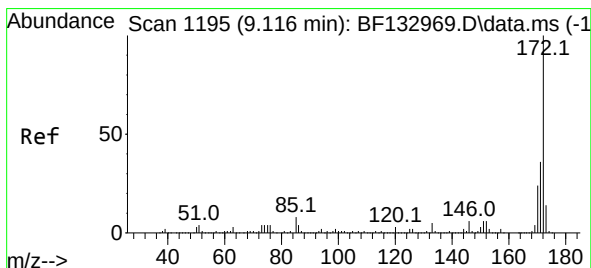
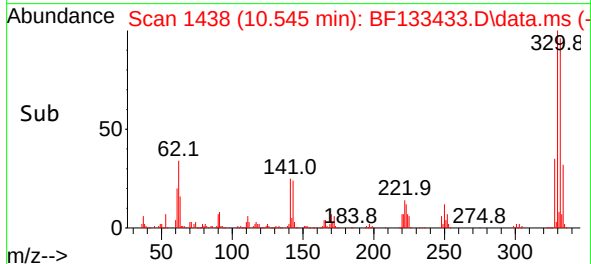
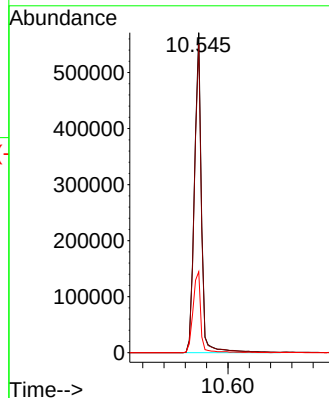
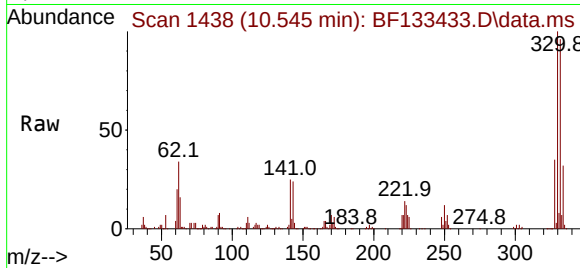
Tgt Ion:330 Resp: 524450

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 27.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 87.500 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133433.D

Acq: 18 May 2023 10:54

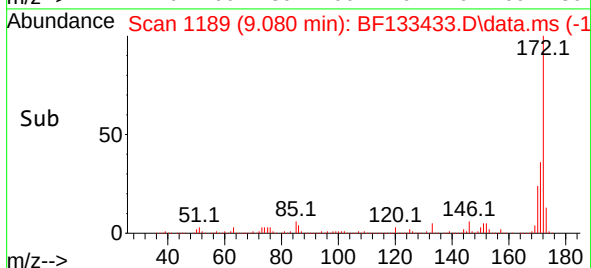
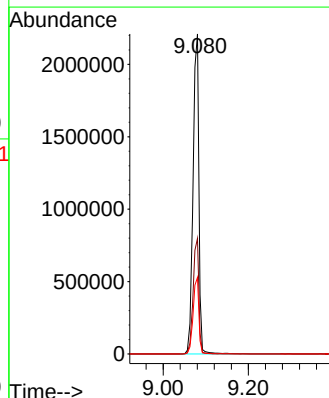
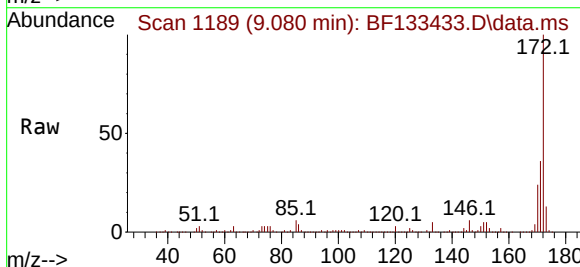
Tgt Ion:172 Resp: 2091868

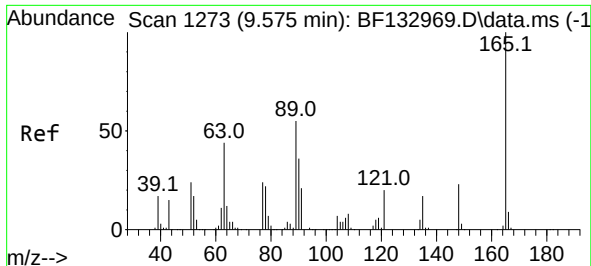
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.9 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.313 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF133433.D

Acq: 18 May 2023 10:54

Instrument :

BNA_F

ClientSampleId :

PB152770TB

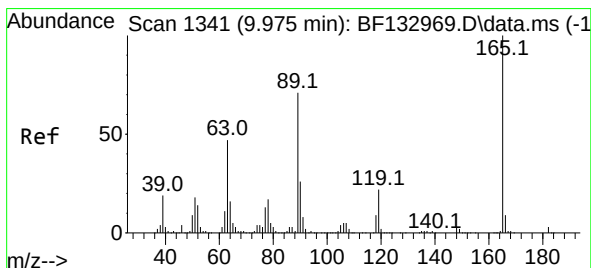
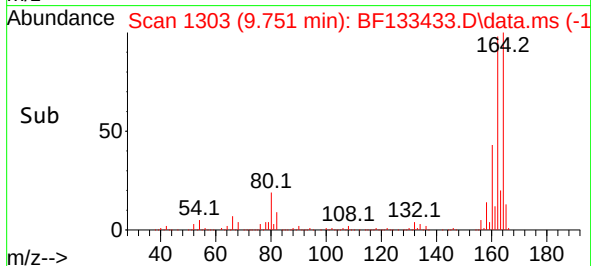
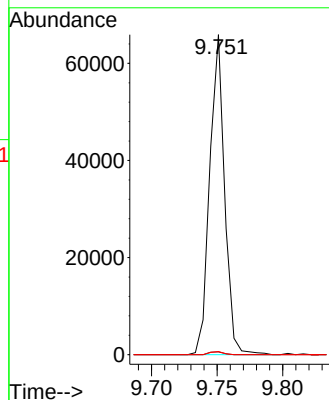
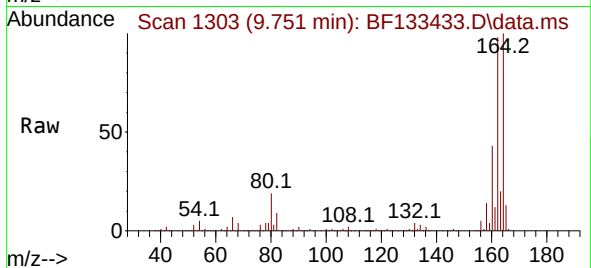
Tgt Ion:165 Resp: 52182

Ion Ratio Lower Upper

165 100

63 0.9 45.9 68.9#

89 1.0 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.519 ng

RT: 9.751 min Scan# 1303

Delta R.T. -0.206 min

Lab File: BF133433.D

Acq: 18 May 2023 10:54

Tgt Ion:165 Resp: 52182

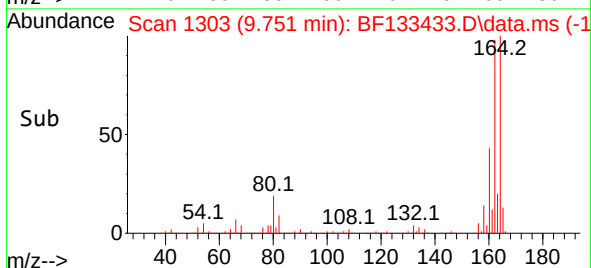
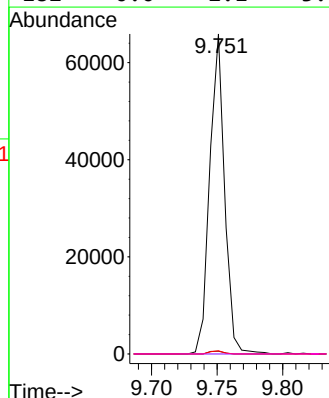
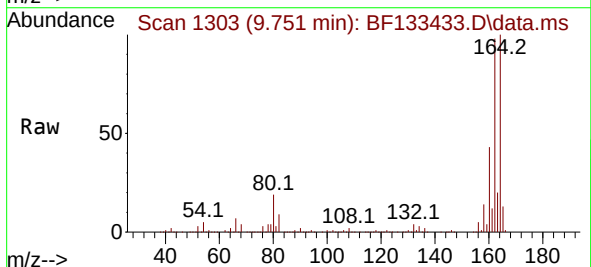
Ion Ratio Lower Upper

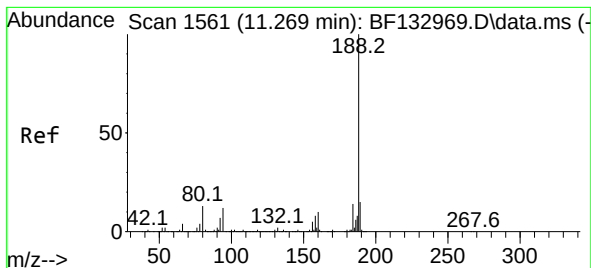
165 100

63 0.9 37.7 56.5#

89 1.0 57.0 85.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.233 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF133433.D

Acq: 18 May 2023 10:54

Instrument :

BNA_F

ClientSampleId :

PB152770TB

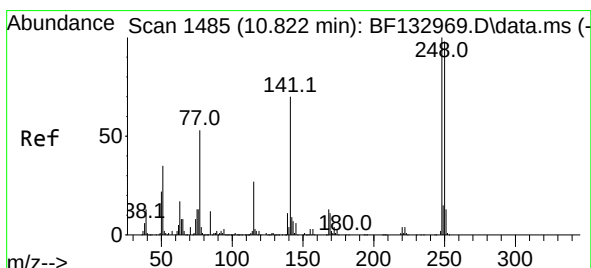
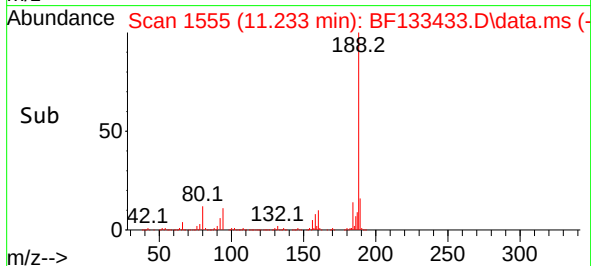
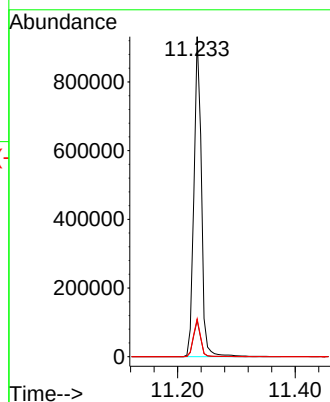
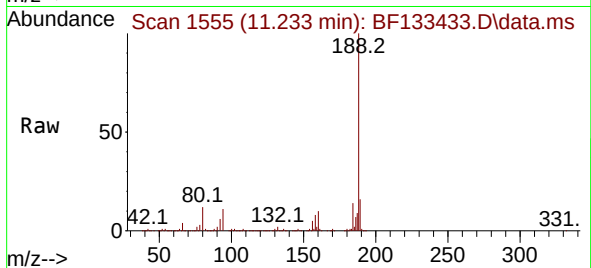
Tgt Ion:188 Resp: 823096

Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 11.8 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 3.758 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF133433.D

Acq: 18 May 2023 10:54

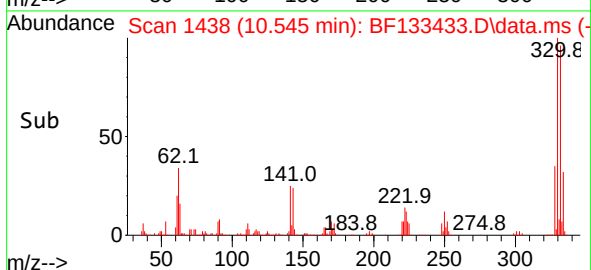
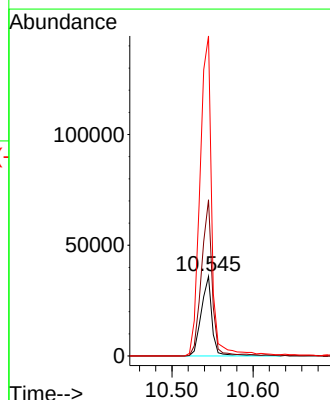
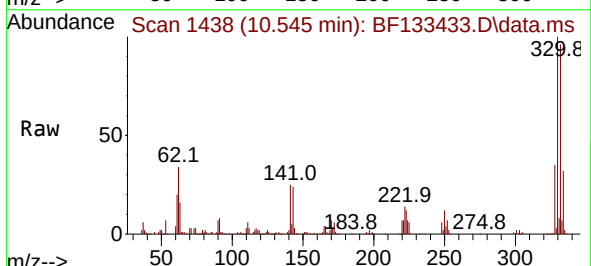
Tgt Ion:248 Resp: 33545

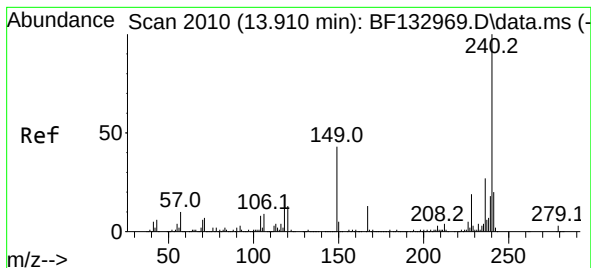
Ion Ratio Lower Upper

248 100

250 196.3 78.7 118.1#

141 402.3 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF133433.D

Acq: 18 May 2023 10:54

Instrument :

BNA_F

ClientSampleId :

PB152770TB

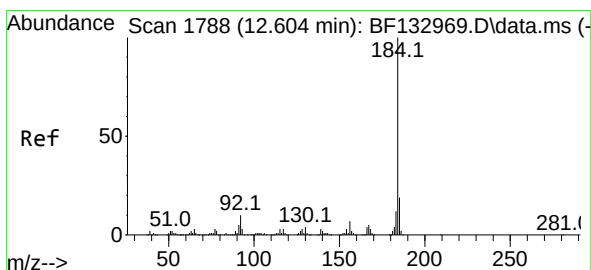
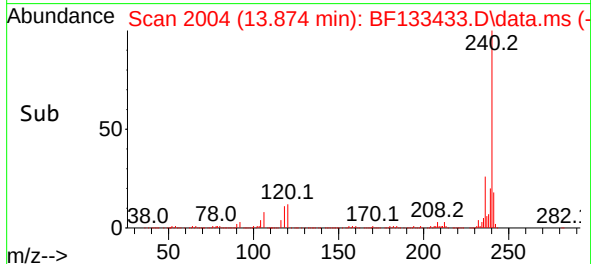
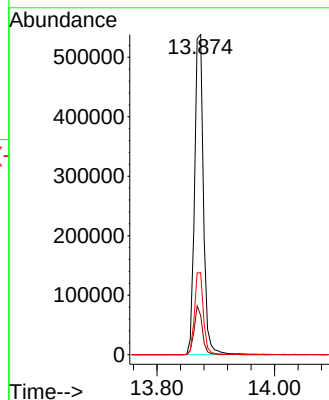
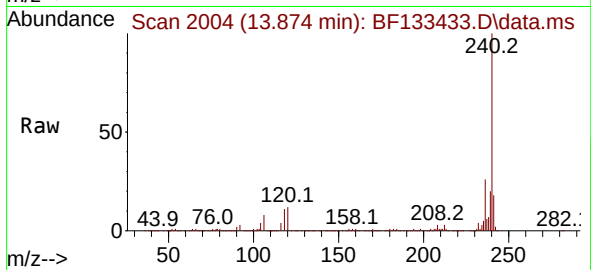
Tgt Ion:240 Resp: 562690

Ion Ratio Lower Upper

240 100

120 12.3 10.5 15.7

236 25.6 21.5 32.3



#77

Benzdine

Concen: 3.468 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.247 min

Lab File: BF133433.D

Acq: 18 May 2023 10:54

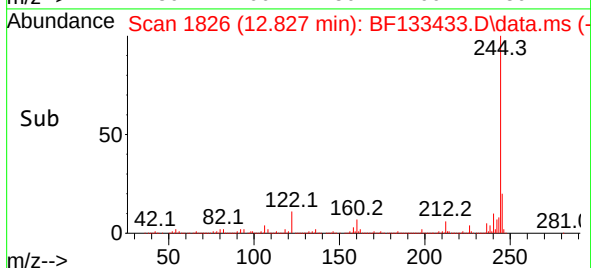
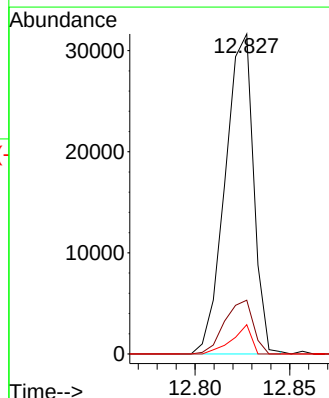
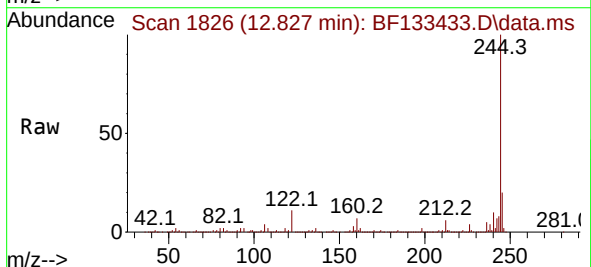
Tgt Ion:184 Resp: 33000

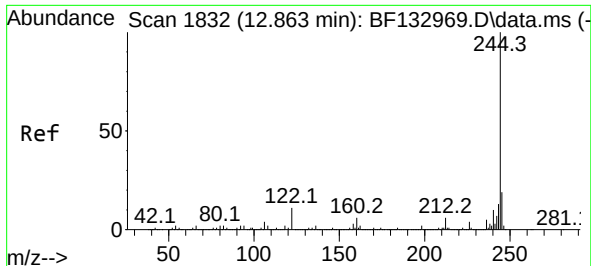
Ion Ratio Lower Upper

184 100

185 16.8 15.4 23.2

183 9.1 9.4 14.0#

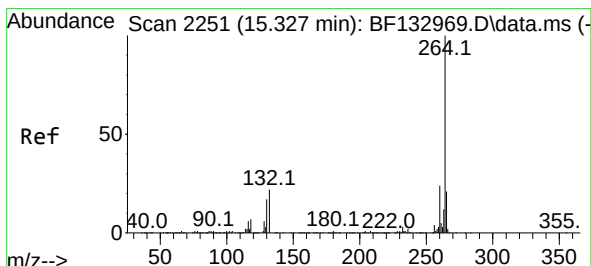
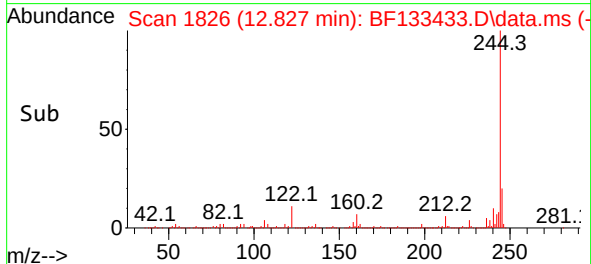
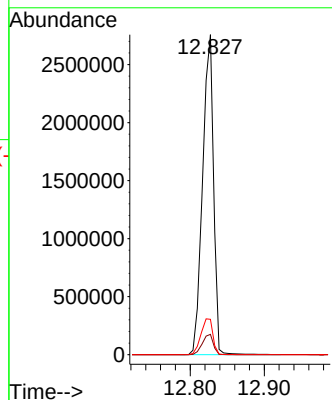
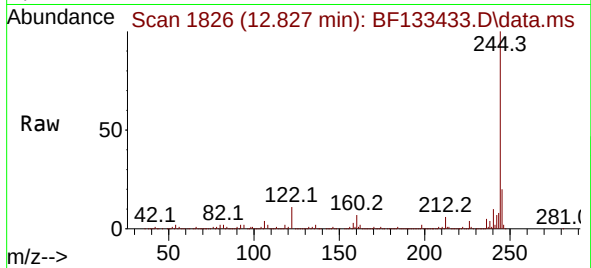




#79
 Terphenyl-d14
 Concen: 87.211 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133433.D
 Acq: 18 May 2023 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB152770TB

Tgt Ion:244 Resp: 2845345
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.012 min
 Lab File: BF133433.D
 Acq: 18 May 2023 10:54

Tgt Ion:264 Resp: 381980
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.5 17.0 25.4

