

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139014.D
 Acq On : 15 Aug 2024 10:46
 Operator : RC/JU
 Sample : PB162590TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162590TB

Quant Time: Aug 15 11:42:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

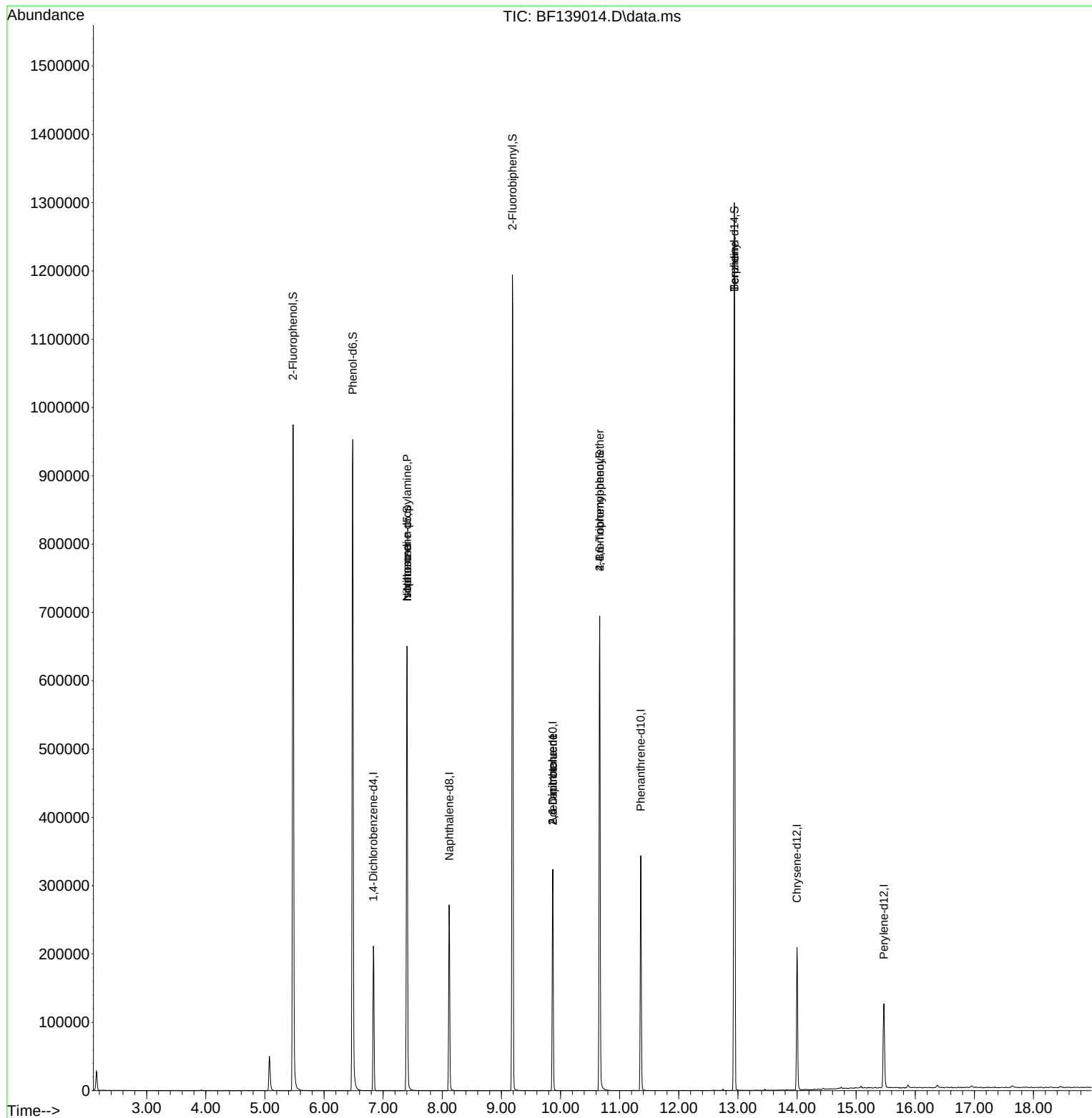
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	40673	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	162777	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	92653	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	174991	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	100722	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	77337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	323845	122.908	ng	0.00
7) Phenol-d6	6.487	99	422292	119.374	ng	0.00
23) Nitrobenzene-d5	7.404	82	280142	84.143	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	97735	128.776	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	511098	82.882	ng	-0.02
79) Terphenyl-d14	12.939	244	606677	100.846	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	38264	17.909	ng	# 80
25) Isophorone	7.404	82	280140	49.277	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12058	9.019	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	12058	7.069	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	6949	3.668	ng	# 1
77) Benzidine	12.939	184	9421	3.911	ng	# 93

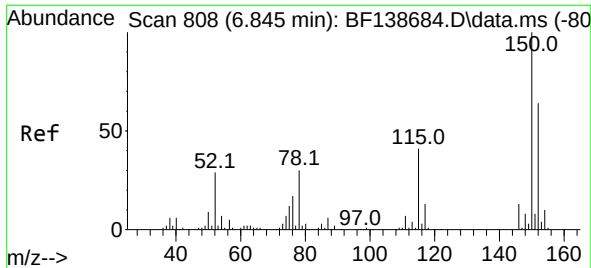
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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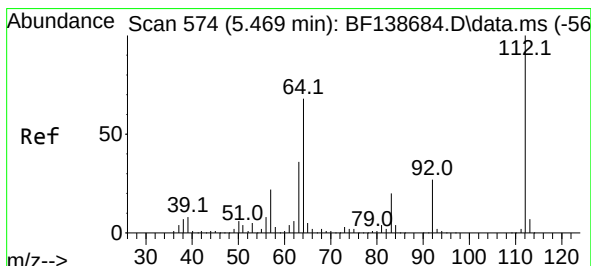
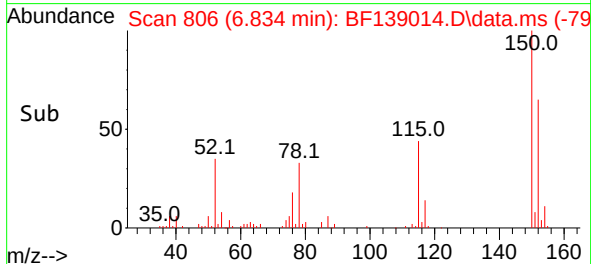
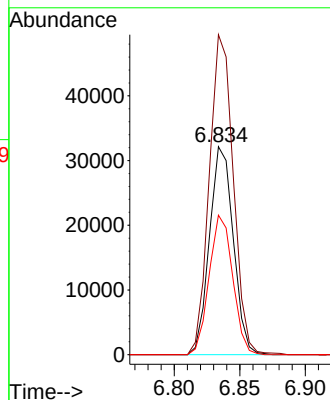
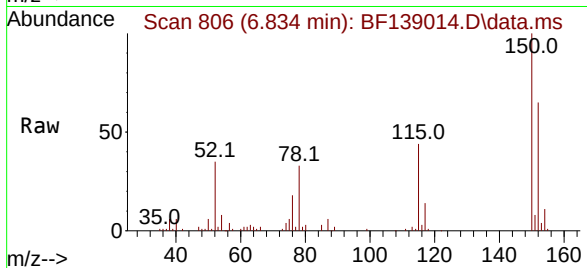




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

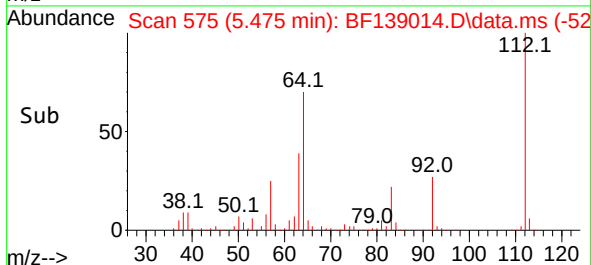
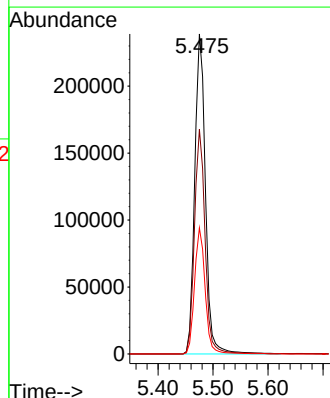
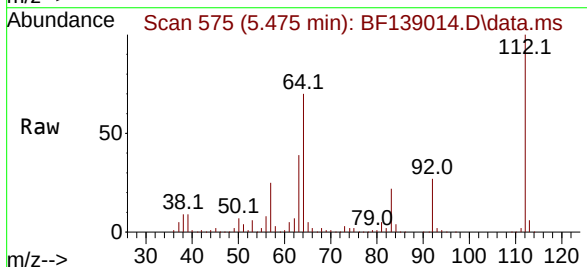
Instrument :
BNA_F
ClientSampleId :
PB162590TB

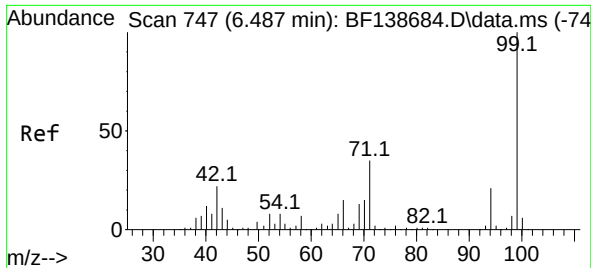
Tgt Ion:152 Resp: 40673
Ion Ratio Lower Upper
152 100
150 153.9 126.0 189.0
115 67.1 51.7 77.5



#5
2-Fluorophenol
Concen: 122.908 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

Tgt Ion:112 Resp: 323845
Ion Ratio Lower Upper
112 100
64 70.2 54.2 81.4
63 39.4 28.7 43.1

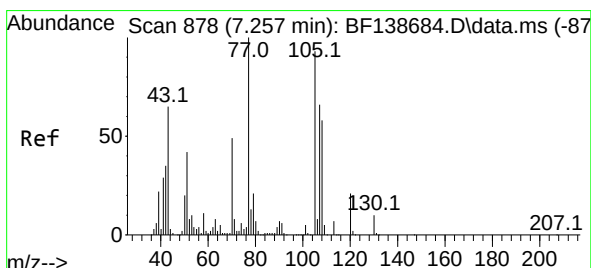
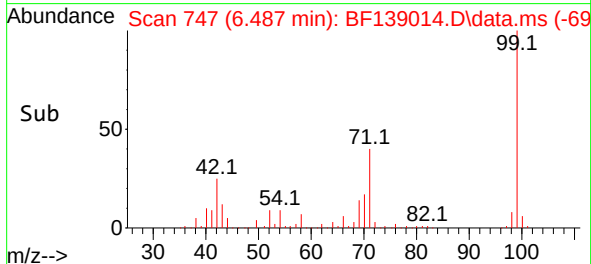
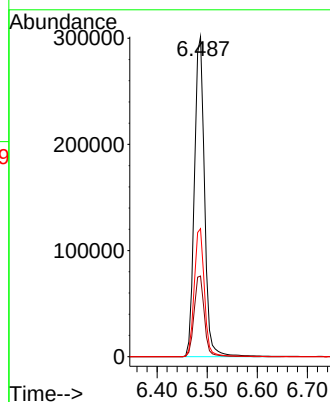
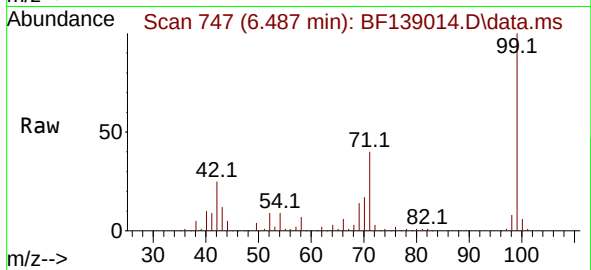




#7
Phenol-d6
Concen: 119.374 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

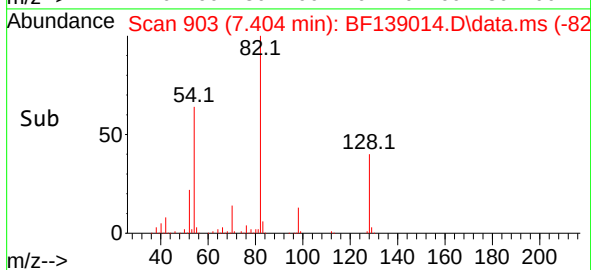
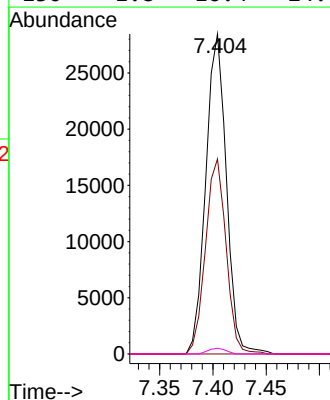
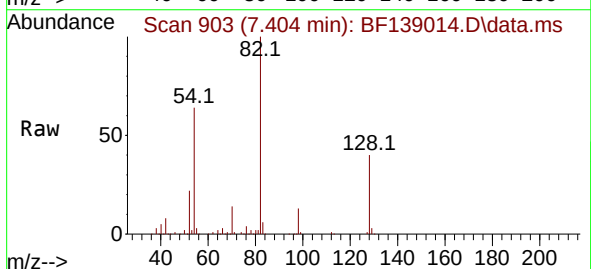
Instrument :
BNA_F
ClientSampleId :
PB162590TB

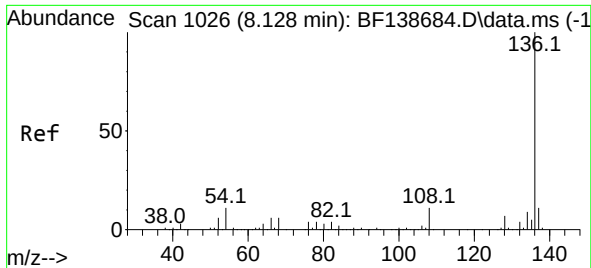
Tgt Ion: 99 Resp: 422292
Ion Ratio Lower Upper
99 100
42 25.2 17.4 26.0
71 40.0 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.909 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

Tgt Ion: 70 Resp: 38264
Ion Ratio Lower Upper
70 100
42 61.0 57.4 86.0
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#

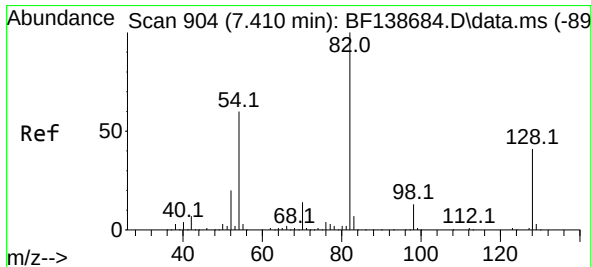
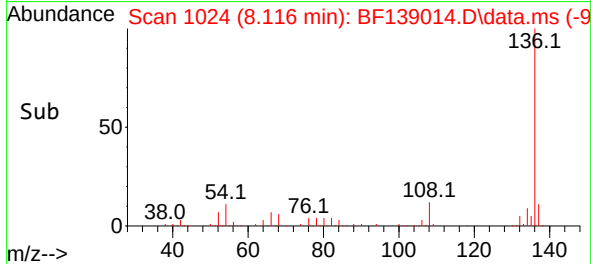
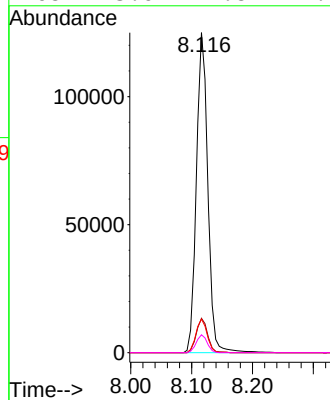
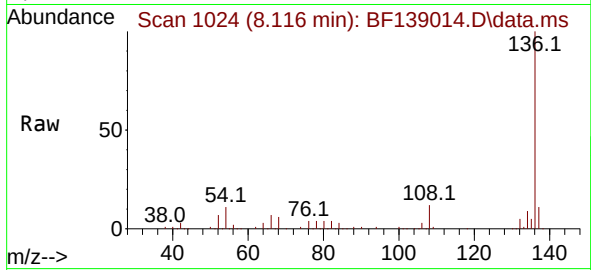




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

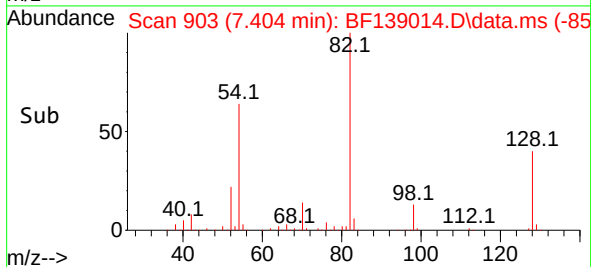
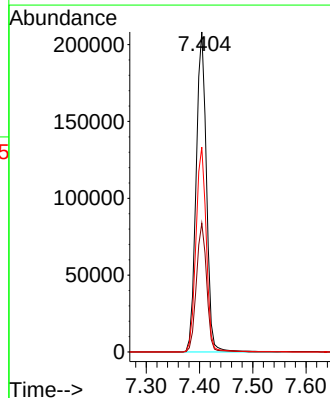
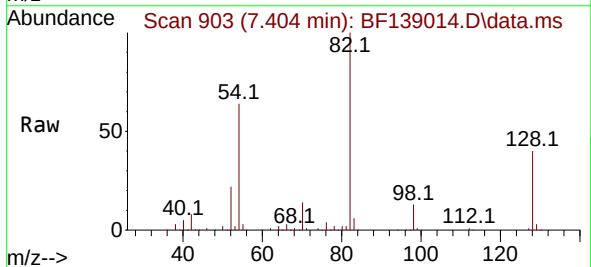
Instrument :
BNA_F
ClientSampleId :
PB162590TB

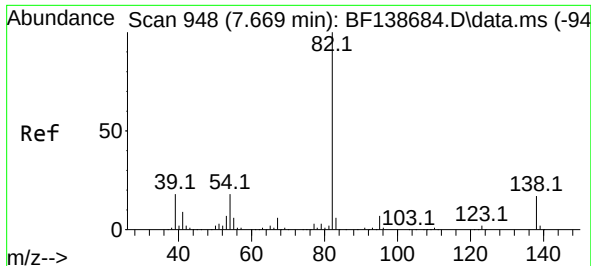
Tgt Ion:	136	Resp:	162777
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	10.5	8.6	12.8
68	5.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 84.143 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

Tgt Ion:	82	Resp:	280142
Ion Ratio	Lower	Upper	
82	100		
128	40.3	32.8	49.2
54	64.0	48.3	72.5

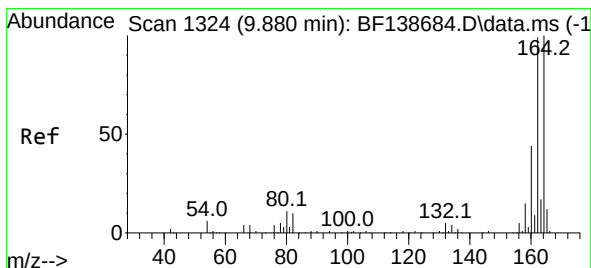
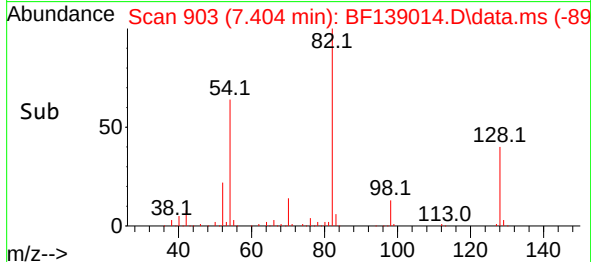
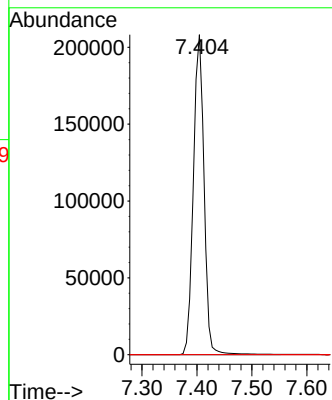
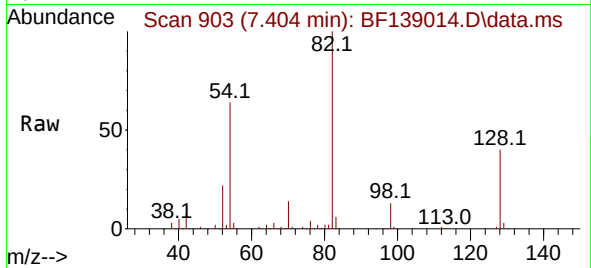




#25
Isophorone
Concen: 49.277 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

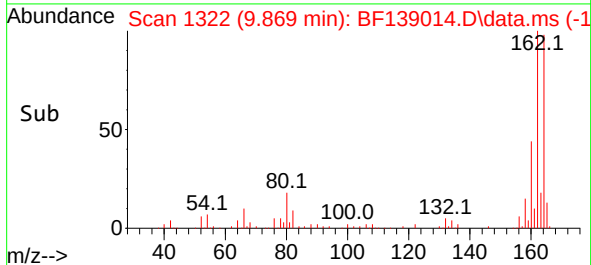
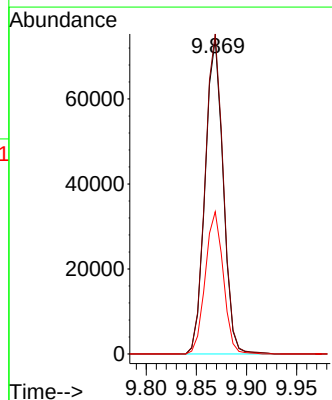
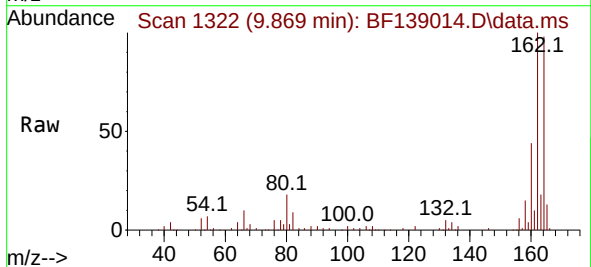
Instrument :
BNA_F
ClientSampleId :
PB162590TB

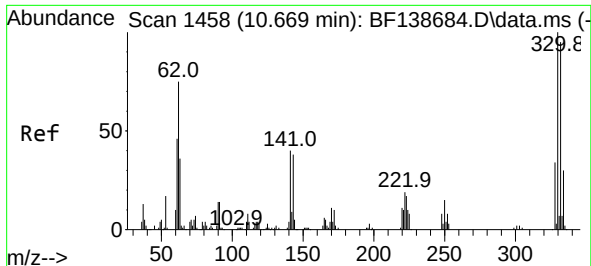
Tgt Ion: 82 Resp: 280140
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

Tgt Ion: 164 Resp: 92653
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.0
160 45.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 128.776 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139014.D

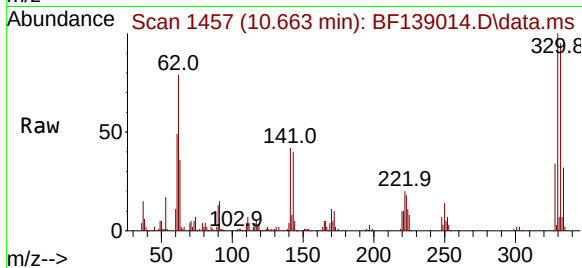
Acq: 15 Aug 2024 10:46

Instrument :

BNA_F

ClientSampleId :

PB162590TB



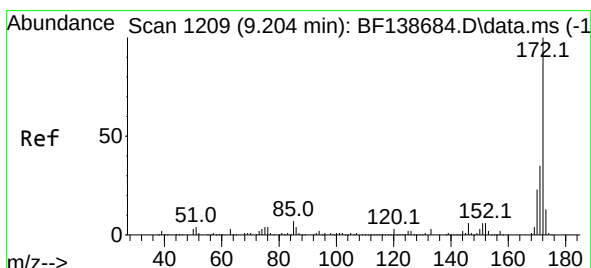
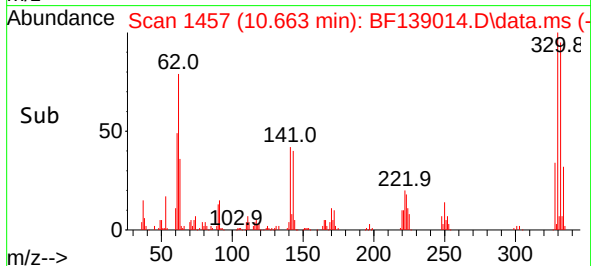
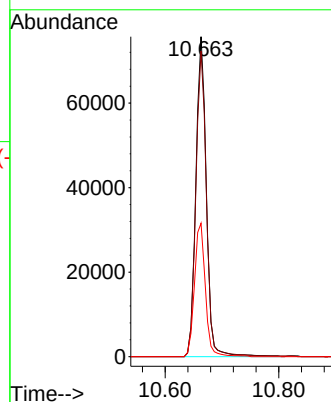
Tgt Ion:330 Resp: 97735

Ion Ratio Lower Upper

330 100

332 96.2 76.4 114.6

141 43.3 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 82.882 ng

RT: 9.187 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139014.D

Acq: 15 Aug 2024 10:46

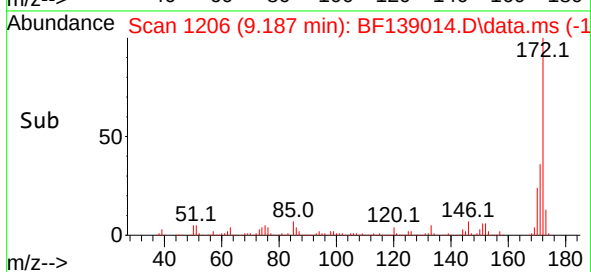
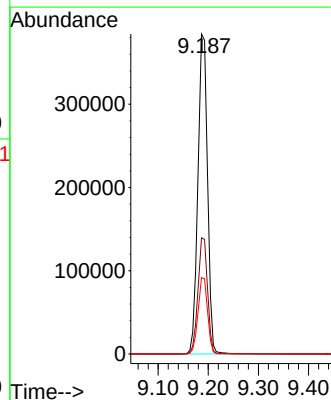
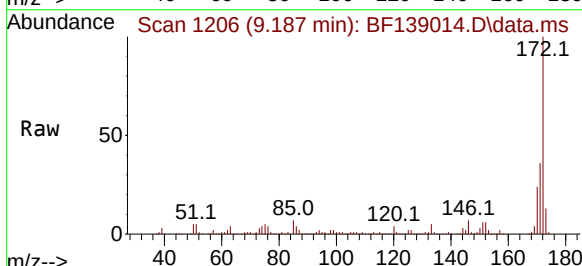
Tgt Ion:172 Resp: 511098

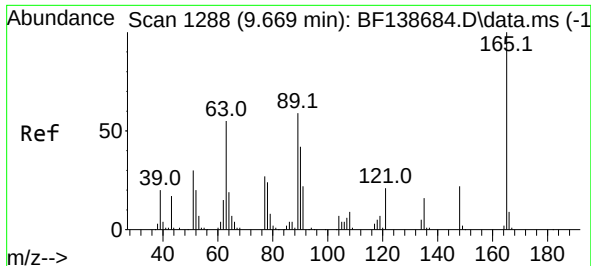
Ion Ratio Lower Upper

172 100

171 36.3 28.3 42.5

170 23.8 18.8 28.2

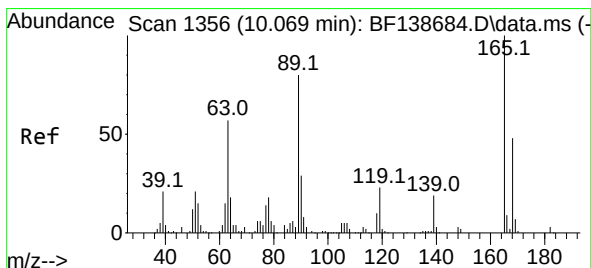
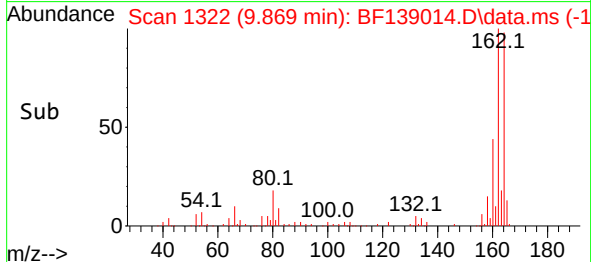
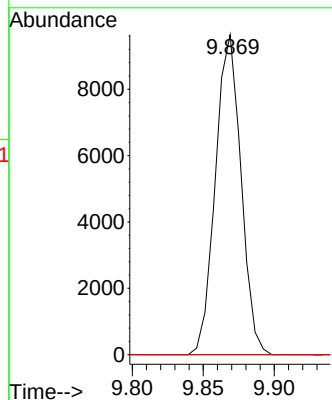
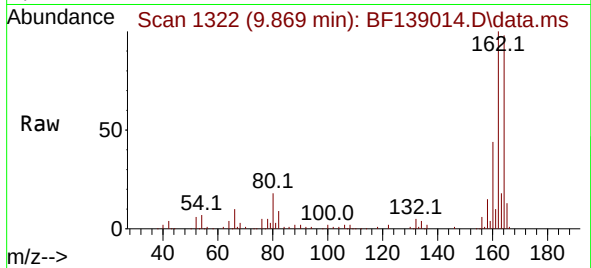




#51
2,6-Dinitrotoluene
Concen: 9.019 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

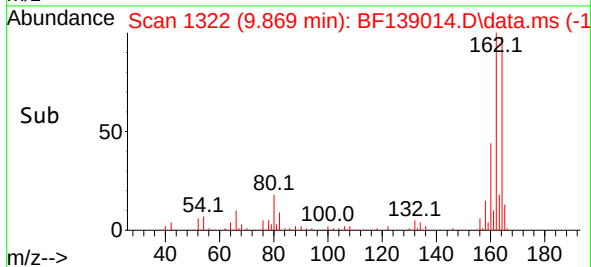
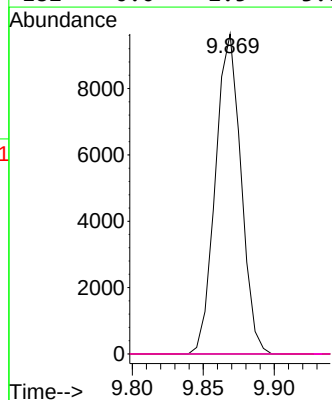
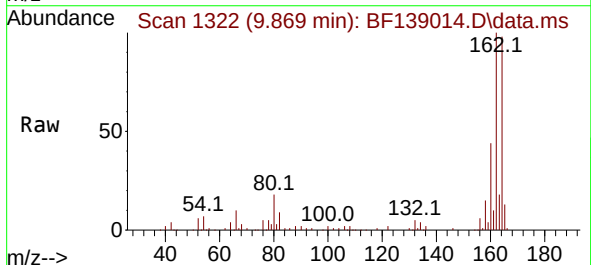
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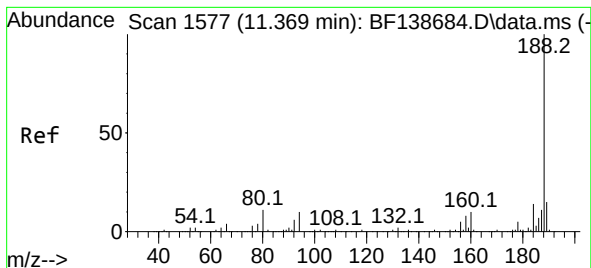
Tgt Ion:165 Resp: 12058
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.069 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

Tgt Ion:165 Resp: 12058
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139014.D

Acq: 15 Aug 2024 10:46

Instrument :

BNA_F

ClientSampleId :

PB162590TB

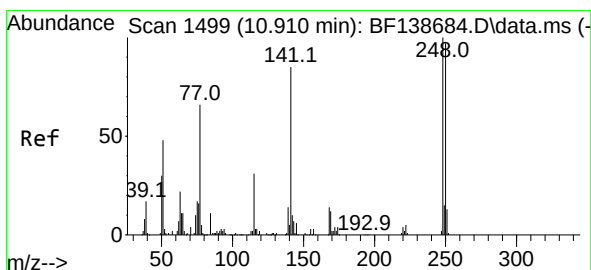
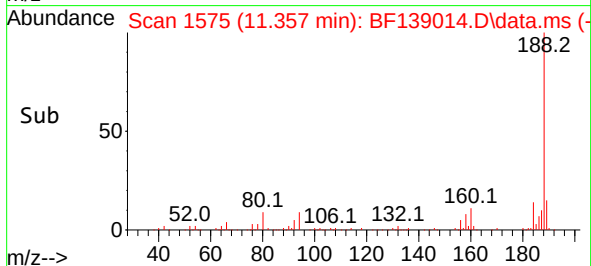
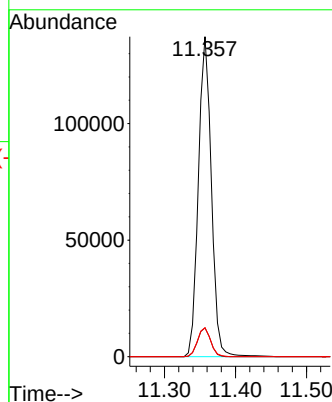
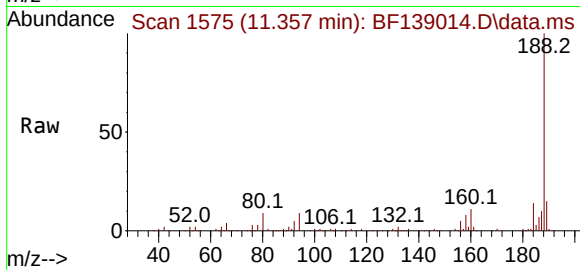
Tgt Ion:188 Resp: 174991

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.1 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.668 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF139014.D

Acq: 15 Aug 2024 10:46

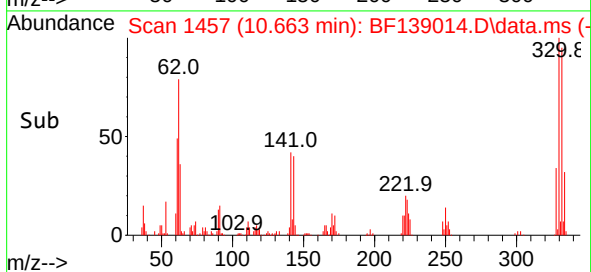
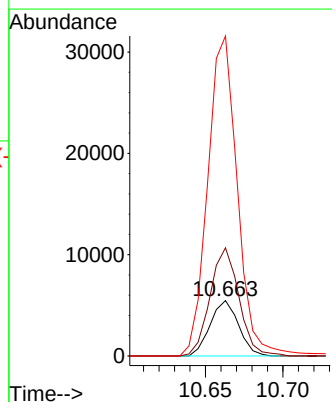
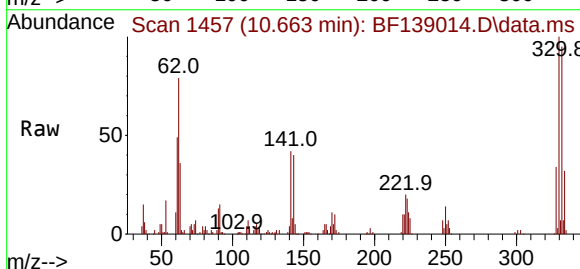
Tgt Ion:248 Resp: 6949

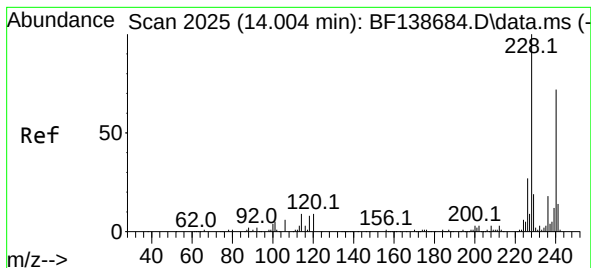
Ion Ratio Lower Upper

248 100

250 195.3 77.7 116.5#

141 577.9 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139014.D

Acq: 15 Aug 2024 10:46

Instrument :

BNA_F

ClientSampleId :

PB162590TB

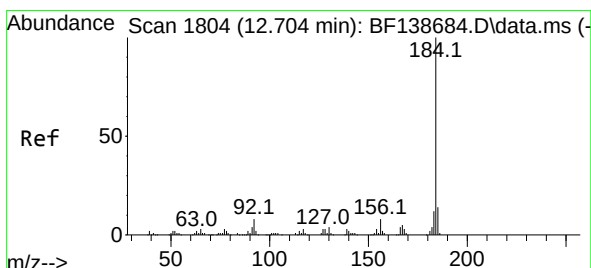
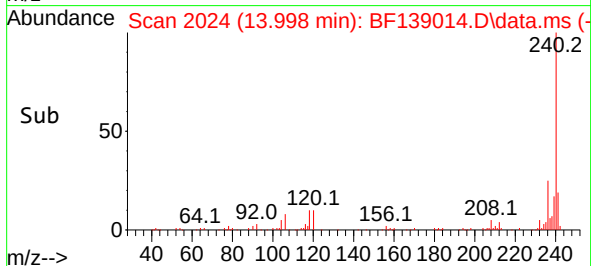
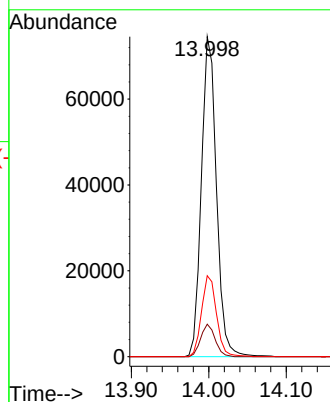
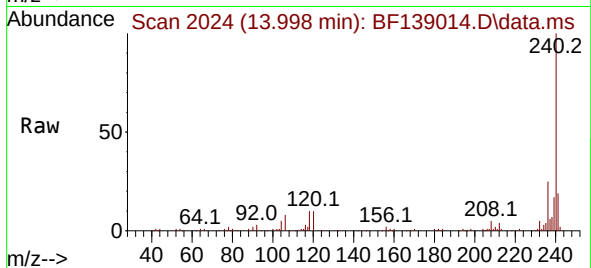
Tgt Ion:240 Resp: 100722

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

236 25.3 19.8 29.8



#77

Benzidine

Concen: 3.911 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF139014.D

Acq: 15 Aug 2024 10:46

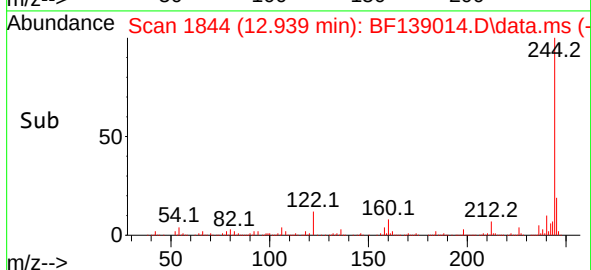
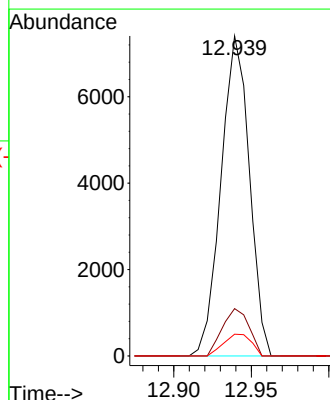
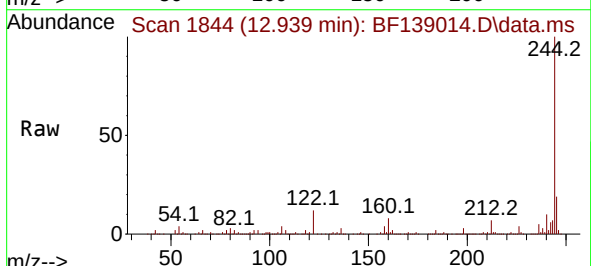
Tgt Ion:184 Resp: 9421

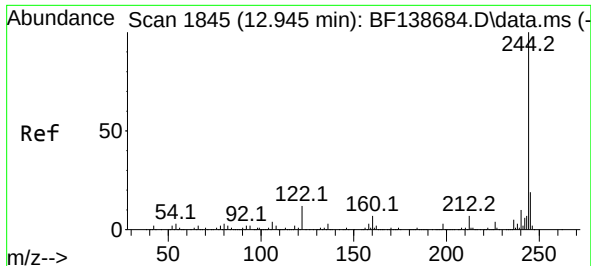
Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

183 6.8 9.6 14.4#

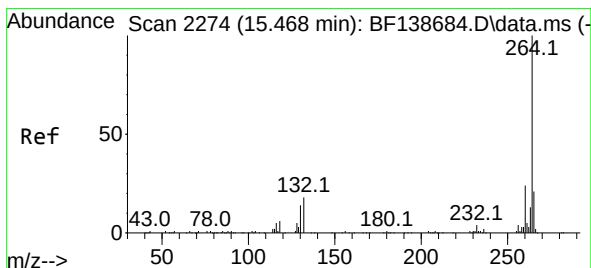
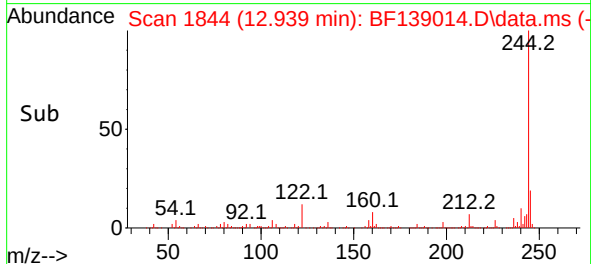
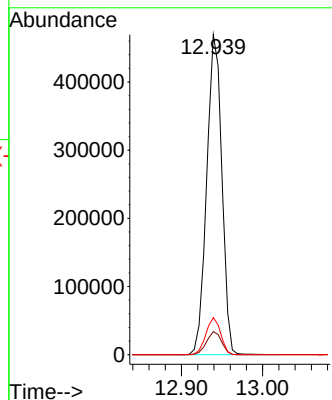
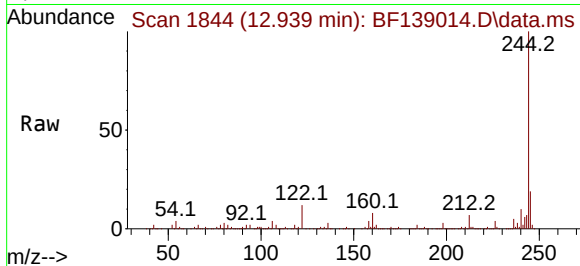




#79
 Terphenyl-d14
 Concen: 100.846 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF139014.D
 Acq: 15 Aug 2024 10:46

Instrument :
 BNA_F
 ClientSampleId :
 PB162590TB

Tgt Ion:244 Resp: 606677
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.6 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: BF139014.D
 Acq: 15 Aug 2024 10:46

Tgt Ion:264 Resp: 77337
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.6
 265 21.4 17.0 25.6

