

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139656.D
 Acq On : 04 Oct 2024 14:34
 Operator : RC/JU
 Sample : P4270-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-2

Quant Time: Oct 04 15:05:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

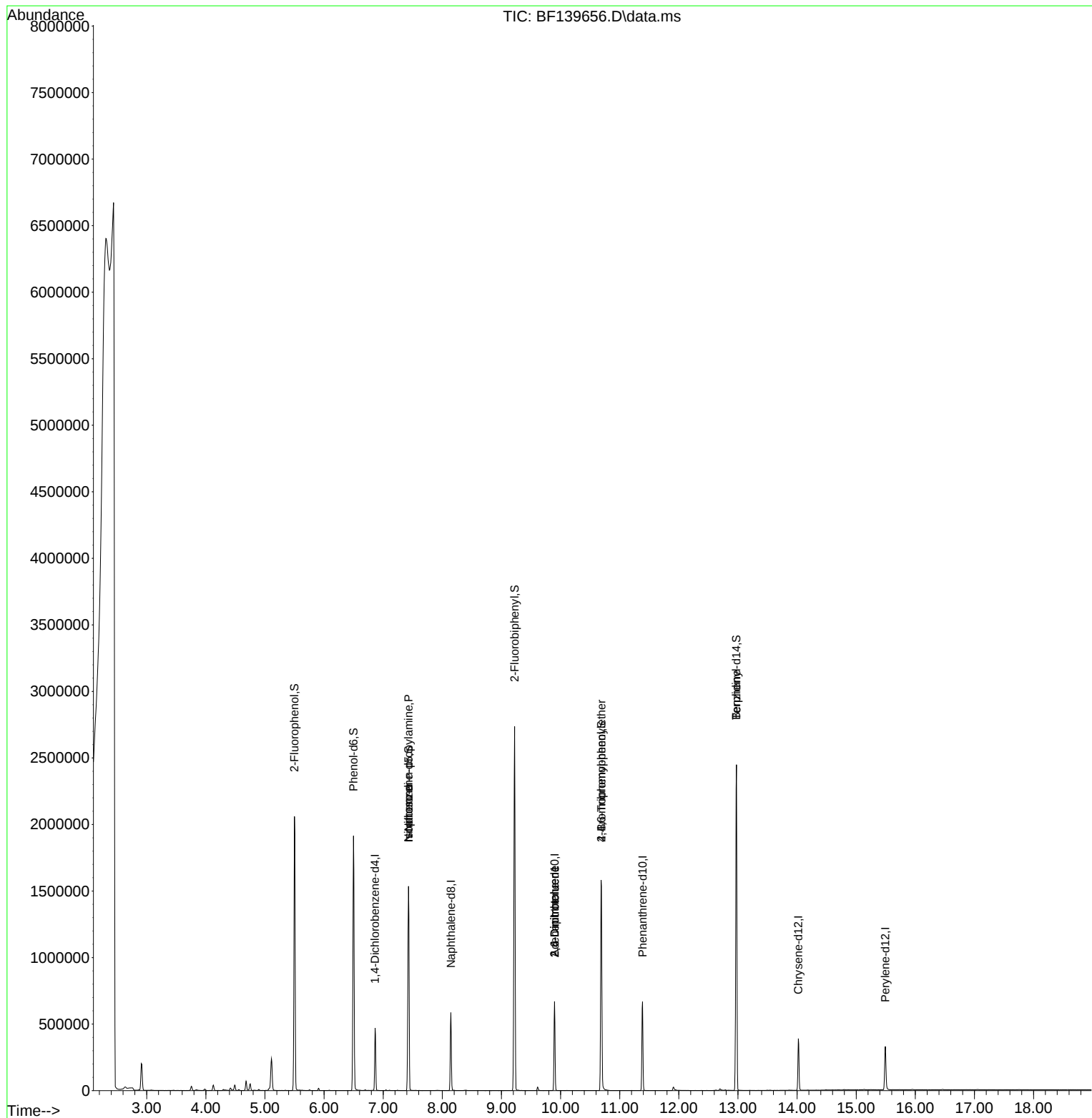
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	92545	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	349687	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	193561	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	356665	20.000	ng	0.00
76) Chrysene-d12	14.021	240	186755	20.000	ng	-0.01
86) Perylene-d12	15.492	264	195939	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	732686	137.222	ng	0.01
7) Phenol-d6	6.498	99	884941	123.245	ng	0.00
23) Nitrobenzene-d5	7.428	82	697998	101.061	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	266343	142.542	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1229672	97.529	ng	0.00
79) Terphenyl-d14	12.974	244	1237976	108.769	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	95730	20.737	ng	Qvalue
25) Isophorone	7.428	82	694353	56.603	ng	# 75
51) 2,6-Dinitrotoluene	9.898	165	25184	8.799	ng	# 66
57) 2,4-Dinitrotoluene	9.898	165	25184	6.731	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	18013	4.926	ng	# 17
77) Benzidine	12.974	184	16764	5.089	ng	# 1

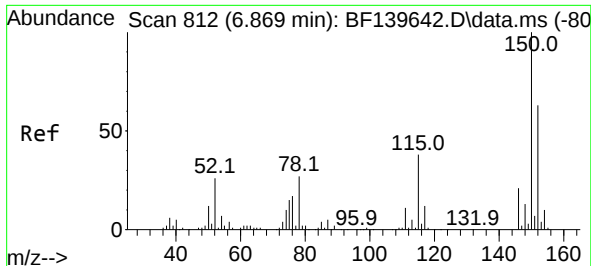
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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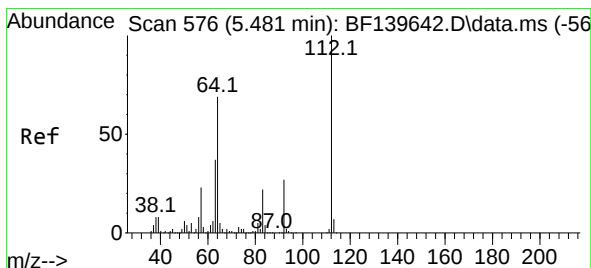
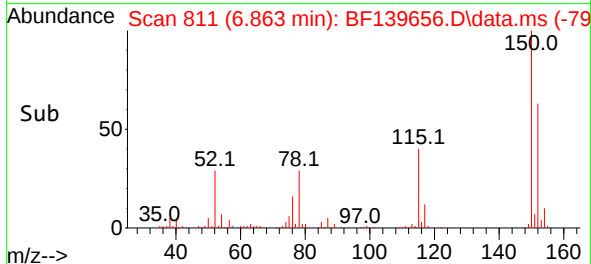
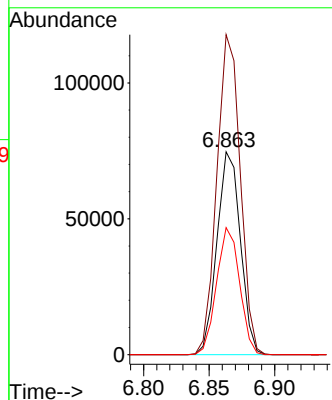
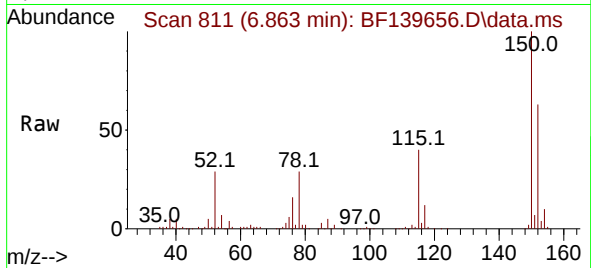




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

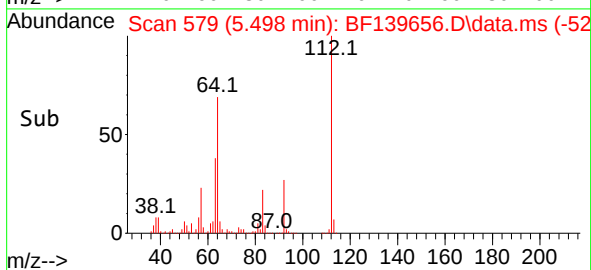
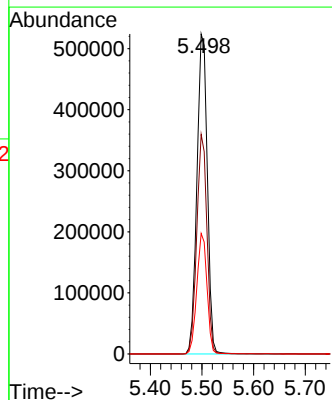
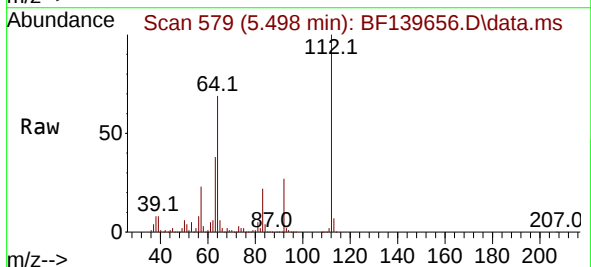
Instrument :
BNA_F
ClientSampleId :
IB-2

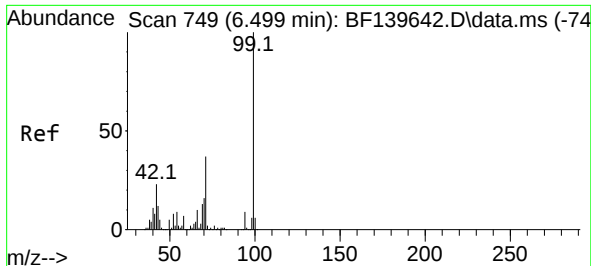
Tgt Ion:152 Resp: 92545
Ion Ratio Lower Upper
152 100
150 157.7 127.2 190.8
115 62.6 49.0 73.4



#5
2-Fluorophenol
Concen: 137.222 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

Tgt Ion:112 Resp: 732686
Ion Ratio Lower Upper
112 100
64 68.6 54.2 81.4
63 37.7 29.4 44.2

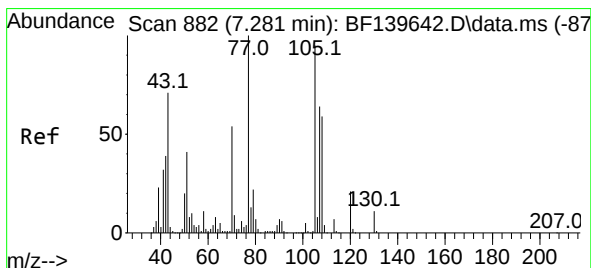
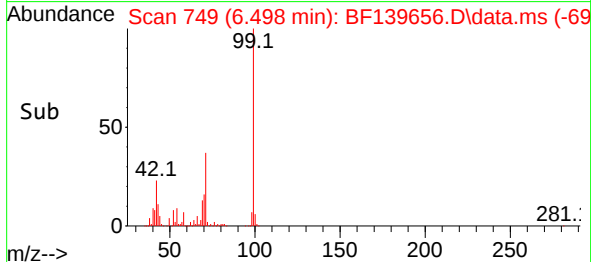
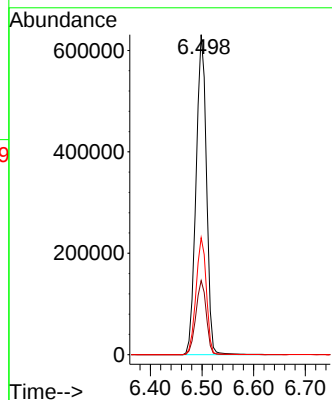
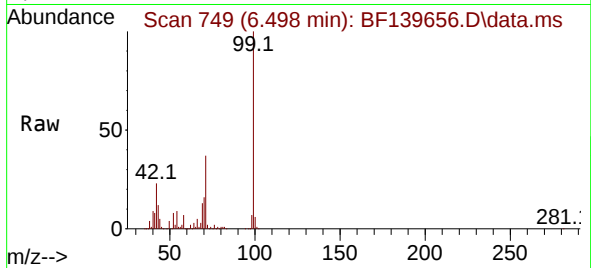




#7
Phenol-d6
Concen: 123.245 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

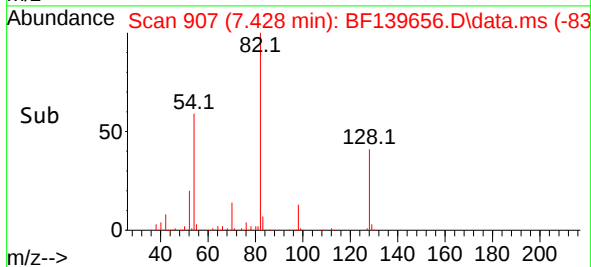
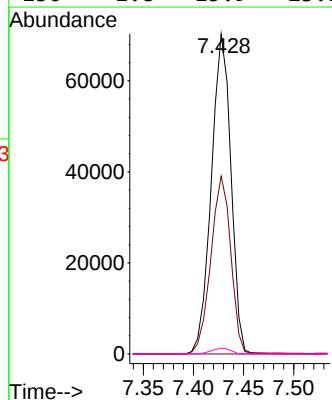
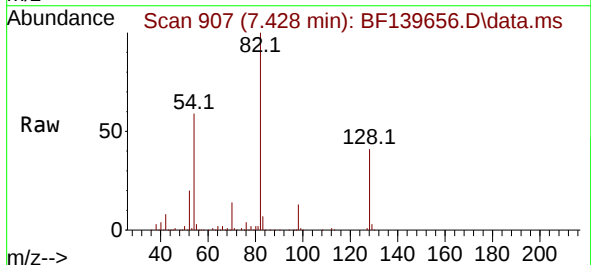
Instrument : BNA_F
ClientSampleId : IB-2

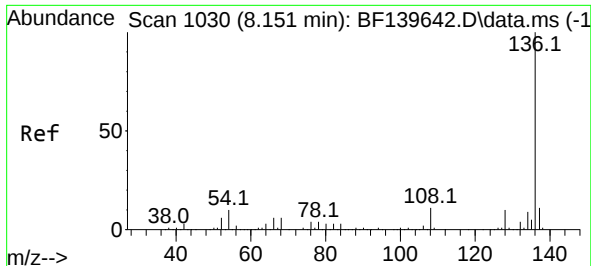
Tgt Ion:	99	Resp:	884941
Ion	Ratio	Lower	Upper
99	100		
42	23.1	19.1	28.7
71	36.6	29.7	44.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.737 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

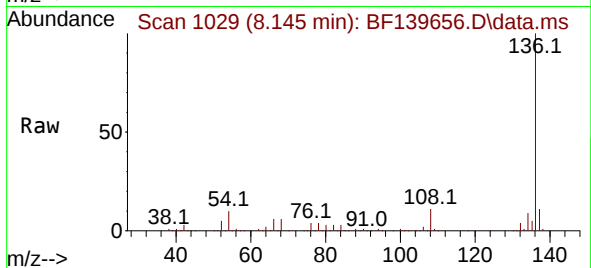
Tgt Ion:	70	Resp:	95730
Ion	Ratio	Lower	Upper
70	100		
42	55.6	58.0	87.0#
101	0.0	7.8	11.8#
130	1.8	15.9	23.9#





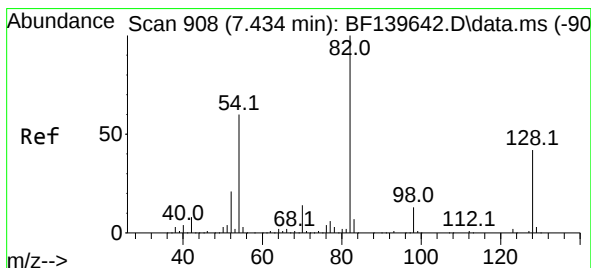
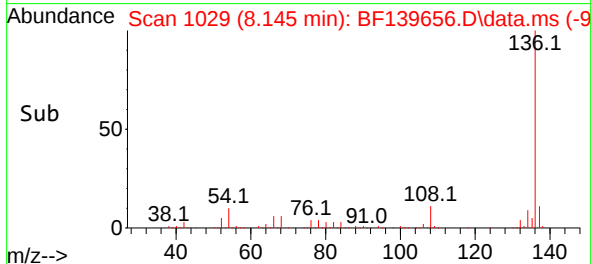
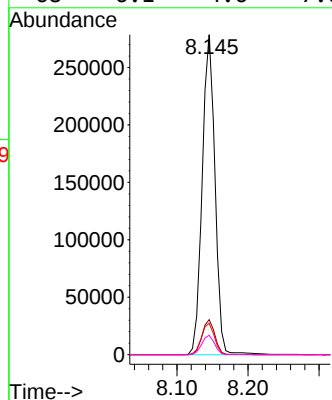
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

Instrument :
BNA_F
ClientSampleId :
IB-2



Tgt Ion:136 Resp: 349687

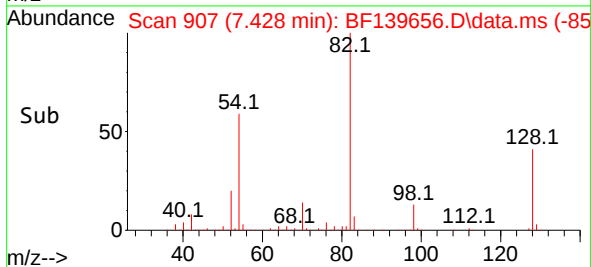
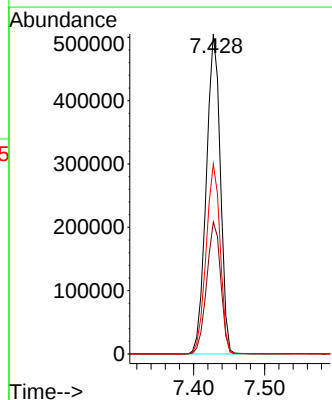
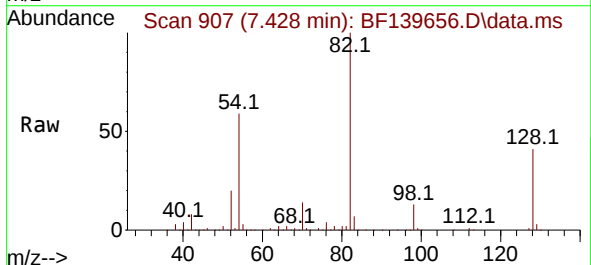
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.8	8.3	12.5
68	6.1	4.6	7.0

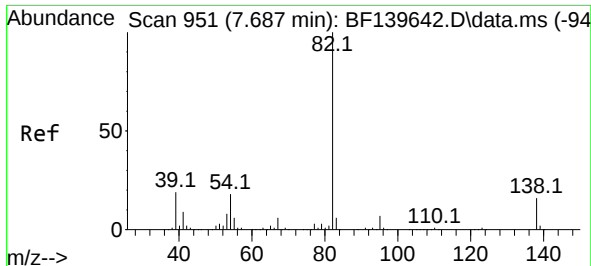


#23
Nitrobenzene-d5
Concen: 101.061 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

Tgt Ion: 82 Resp: 697998

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.4	48.6
54	59.4	49.1	73.7

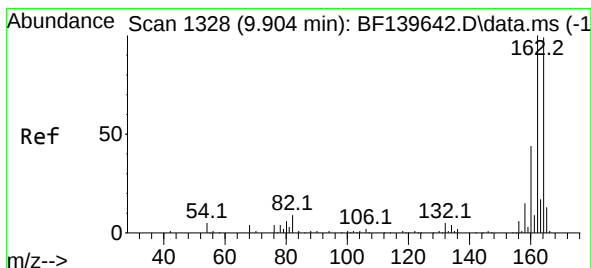
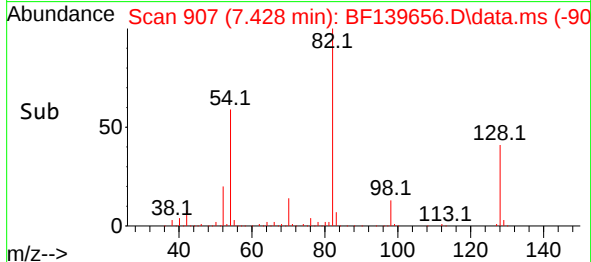
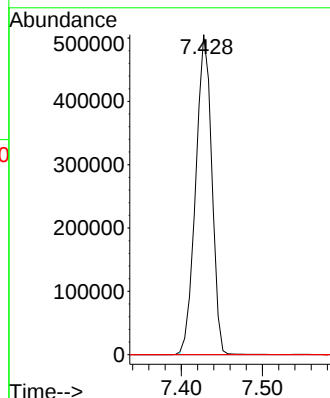
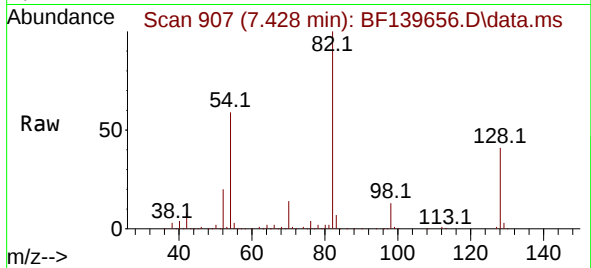




#25
Isophorone
Concen: 56.603 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

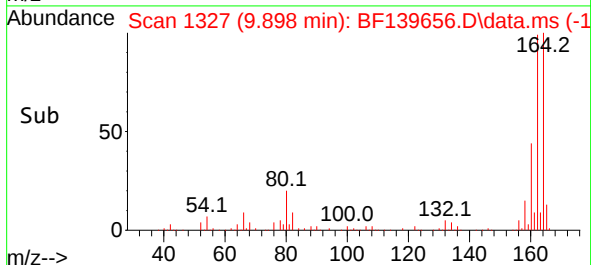
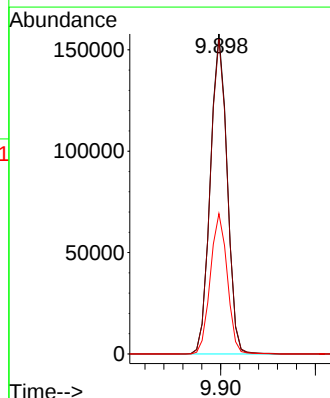
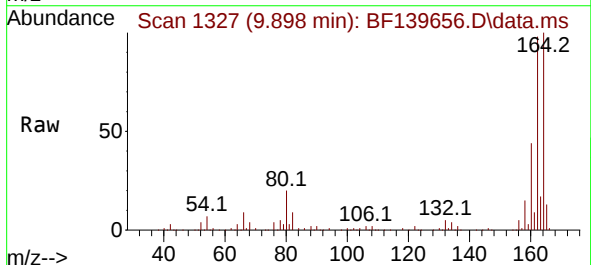
Instrument :
BNA_F
ClientSampleId :
IB-2

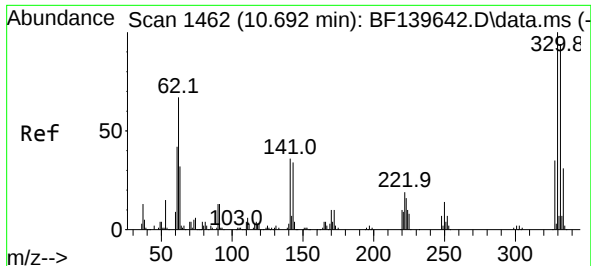
Tgt Ion: 82 Resp: 694353
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

Tgt Ion: 164 Resp: 193561
Ion Ratio Lower Upper
164 100
162 98.4 79.4 119.0
160 43.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 142.542 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139656.D

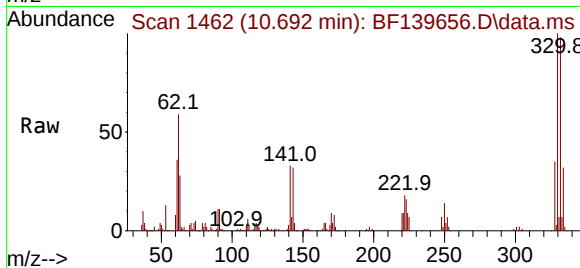
Acq: 04 Oct 2024 14:34

Instrument :

BNA_F

ClientSampleId :

IB-2



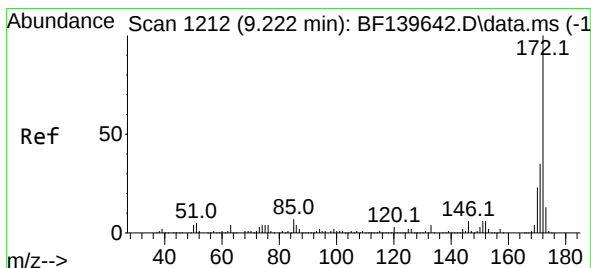
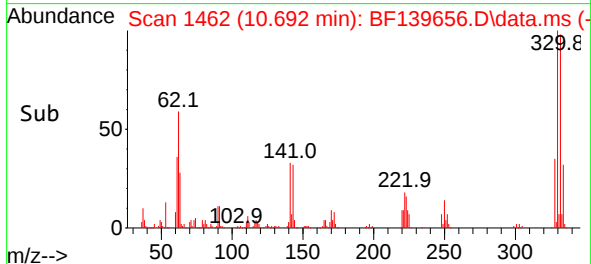
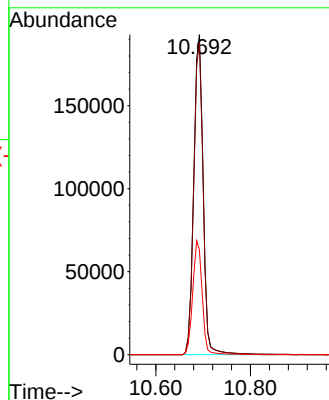
Tgt Ion:330 Resp: 266343

Ion Ratio Lower Upper

330 100

332 97.3 76.5 114.7

141 35.7 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 97.529 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139656.D

Acq: 04 Oct 2024 14:34

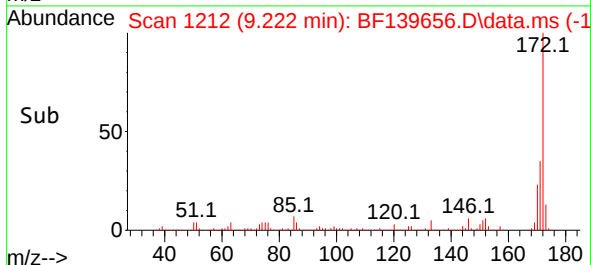
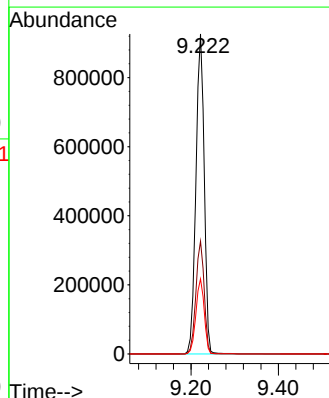
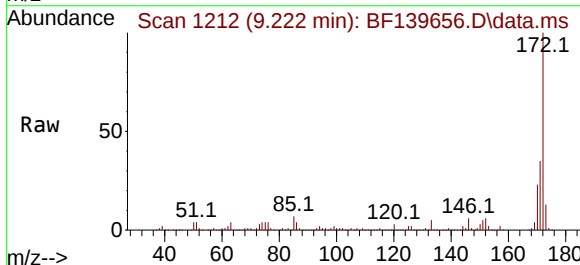
Tgt Ion:172 Resp: 1229672

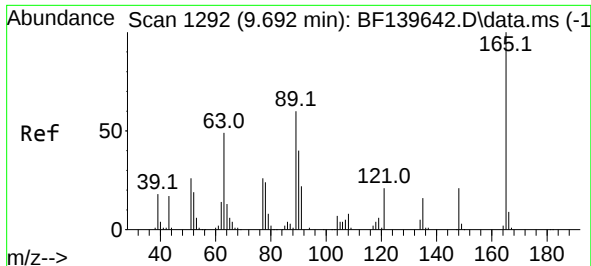
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.5 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.799 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.206 min

Lab File: BF139656.D

Acq: 04 Oct 2024 14:34

Instrument :

BNA_F

ClientSampleId :

IB-2

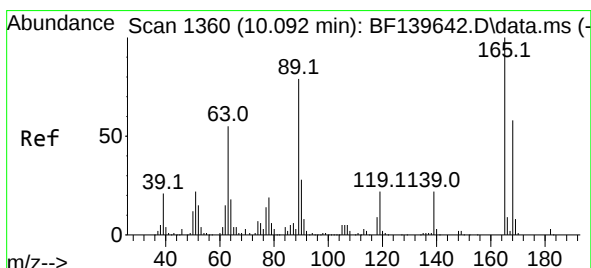
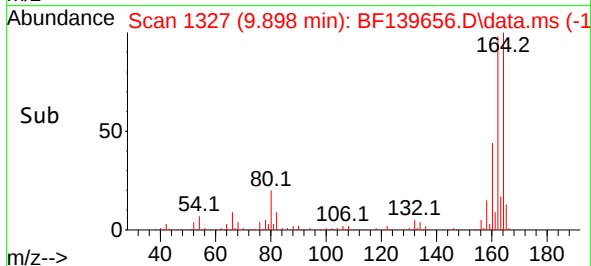
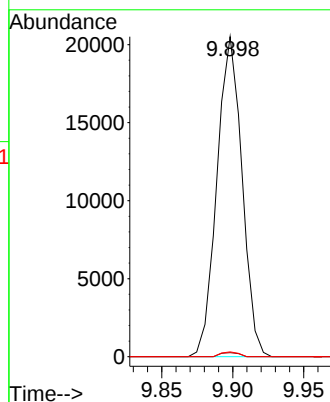
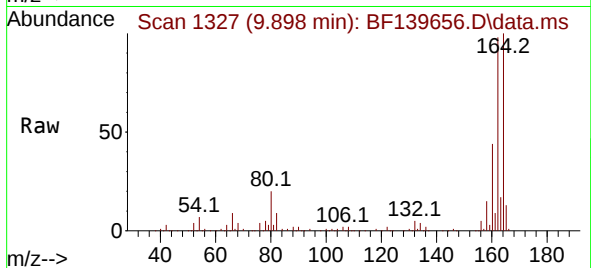
Tgt Ion:165 Resp: 25184

Ion Ratio Lower Upper

165 100

63 1.3 56.7 85.1#

89 1.5 51.6 77.4#



#57

2,4-Dinitrotoluene

Concen: 6.731 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.200 min

Lab File: BF139656.D

Acq: 04 Oct 2024 14:34

Tgt Ion:165 Resp: 25184

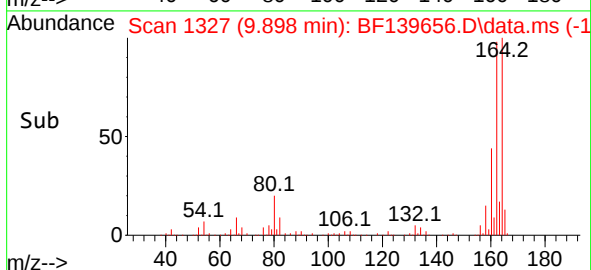
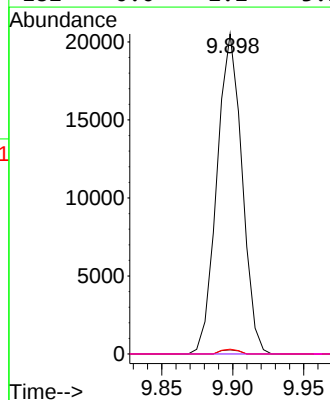
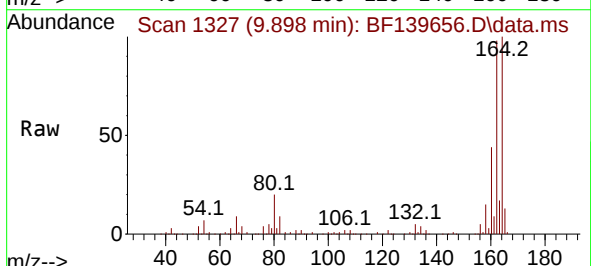
Ion Ratio Lower Upper

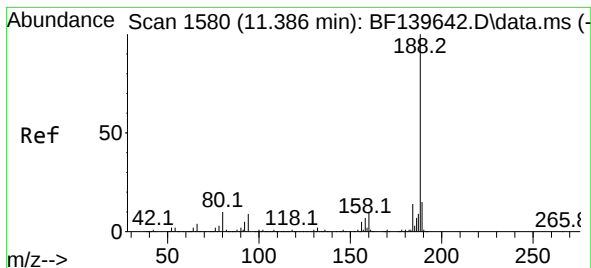
165 100

63 1.3 46.9 70.3#

89 1.5 64.4 96.6#

182 0.0 2.2 3.2#

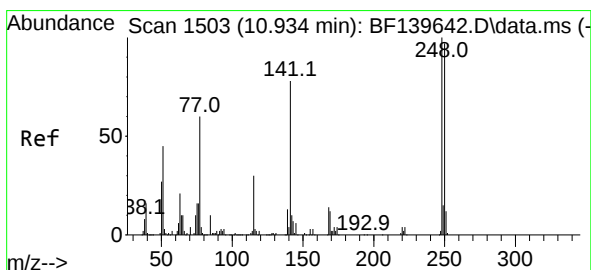
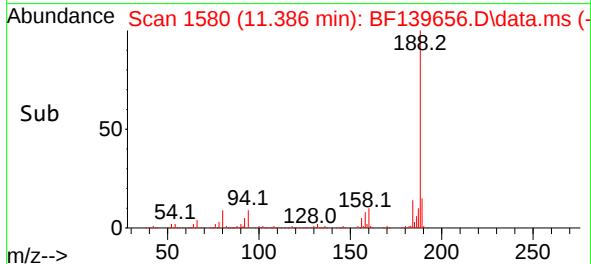
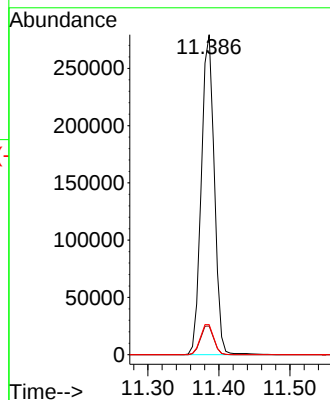
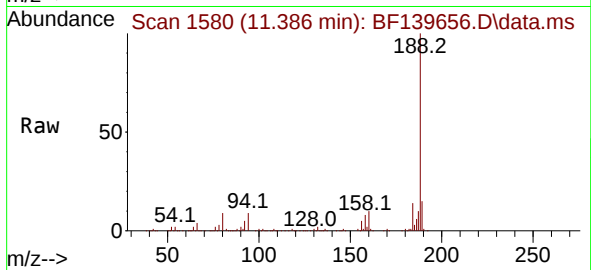




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

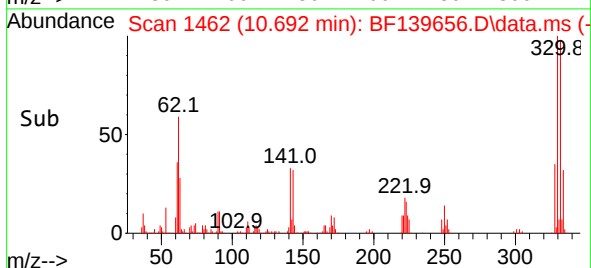
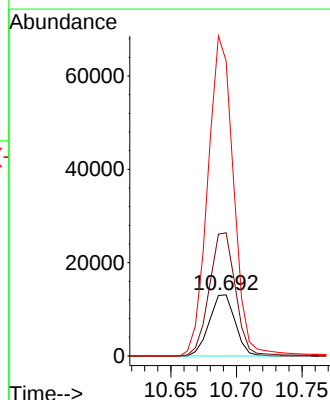
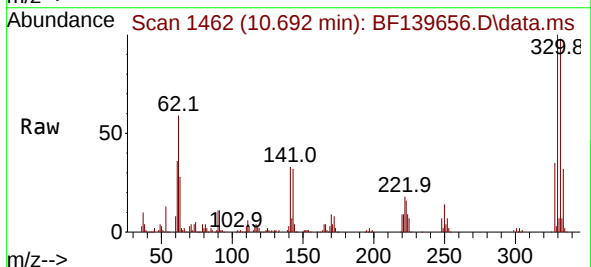
Instrument :
BNA_F
ClientSampleId :
IB-2

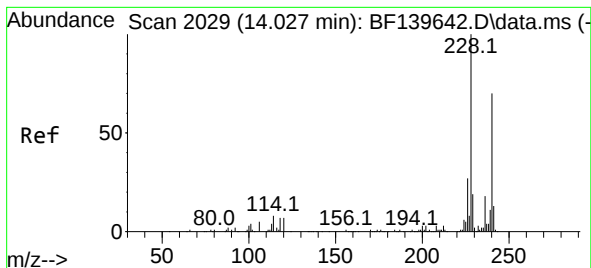
Tgt Ion:188 Resp: 356665
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.4 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.926 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

Tgt Ion:248 Resp: 18013
Ion Ratio Lower Upper
248 100
250 201.4 77.1 115.7#
141 482.1 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF139656.D

Acq: 04 Oct 2024 14:34

Instrument :

BNA_F

ClientSampleId :

IB-2

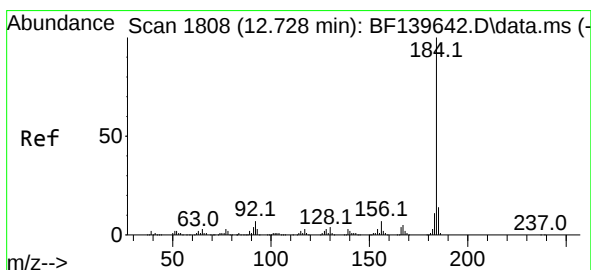
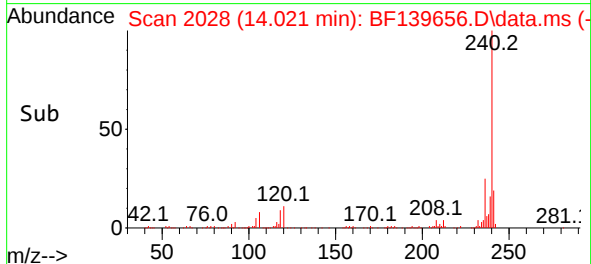
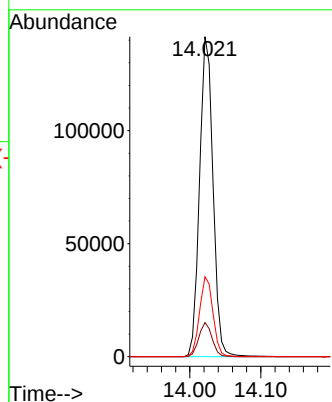
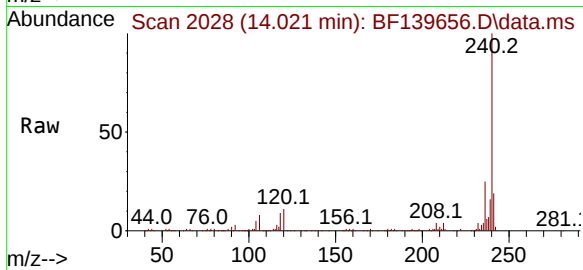
Tgt Ion:240 Resp: 186755

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 25.0 20.3 30.5



#77

Benzidine

Concen: 5.089 ng

RT: 12.974 min Scan# 1850

Delta R.T. 0.247 min

Lab File: BF139656.D

Acq: 04 Oct 2024 14:34

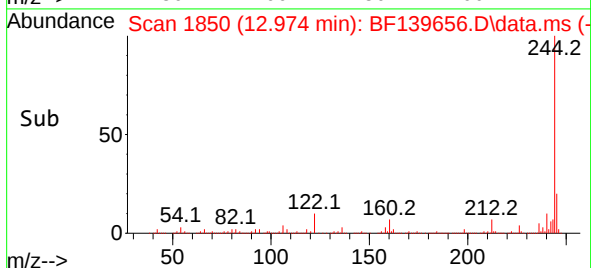
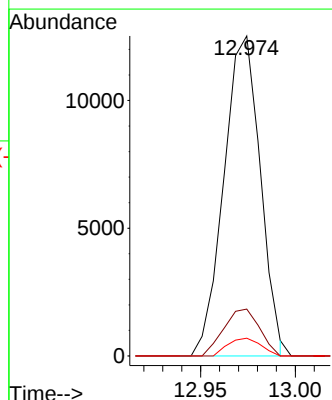
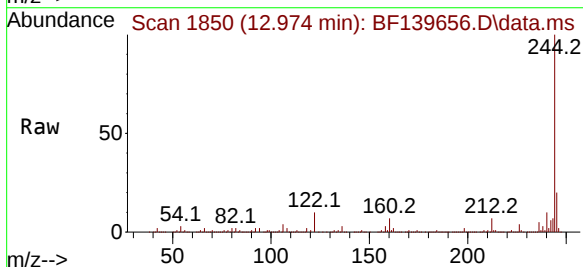
Tgt Ion:184 Resp: 16764

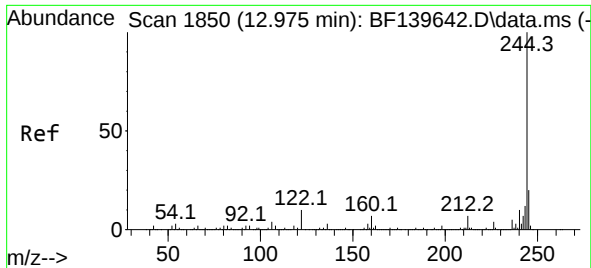
Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.0

183 5.6 8.8 13.2#

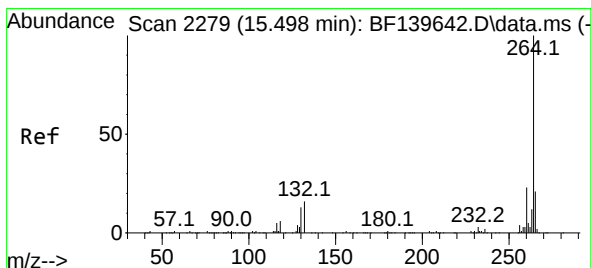
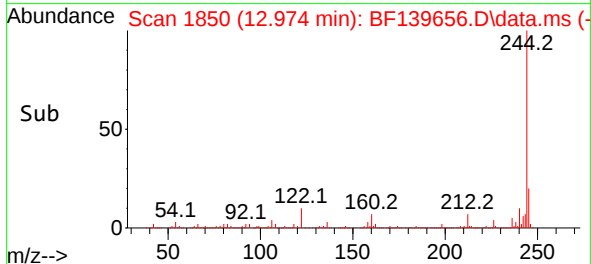
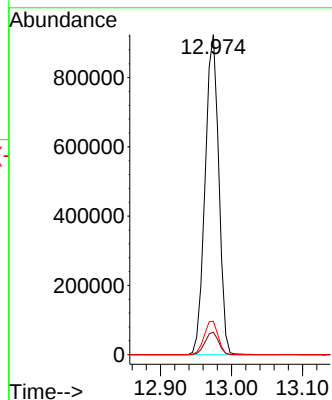
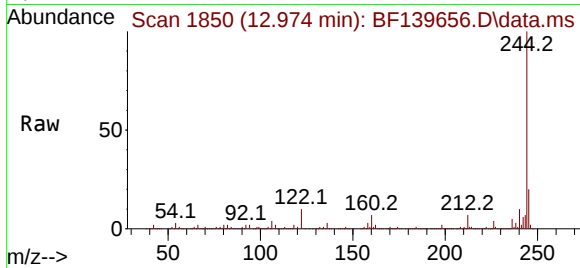




#79
Terphenyl-d14
Concen: 108.769 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

Instrument :
BNA_F
ClientSampleId :
IB-2

Tgt Ion:244 Resp: 1237976
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.5 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BF139656.D
Acq: 04 Oct 2024 14:34

Tgt Ion:264 Resp: 195939
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 22.2 16.9 25.3

