

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139018.D
 Acq On : 15 Aug 2024 12:45
 Operator : RC/JU
 Sample : PB162683TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162683TB

Quant Time: Aug 15 13:19:56 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)

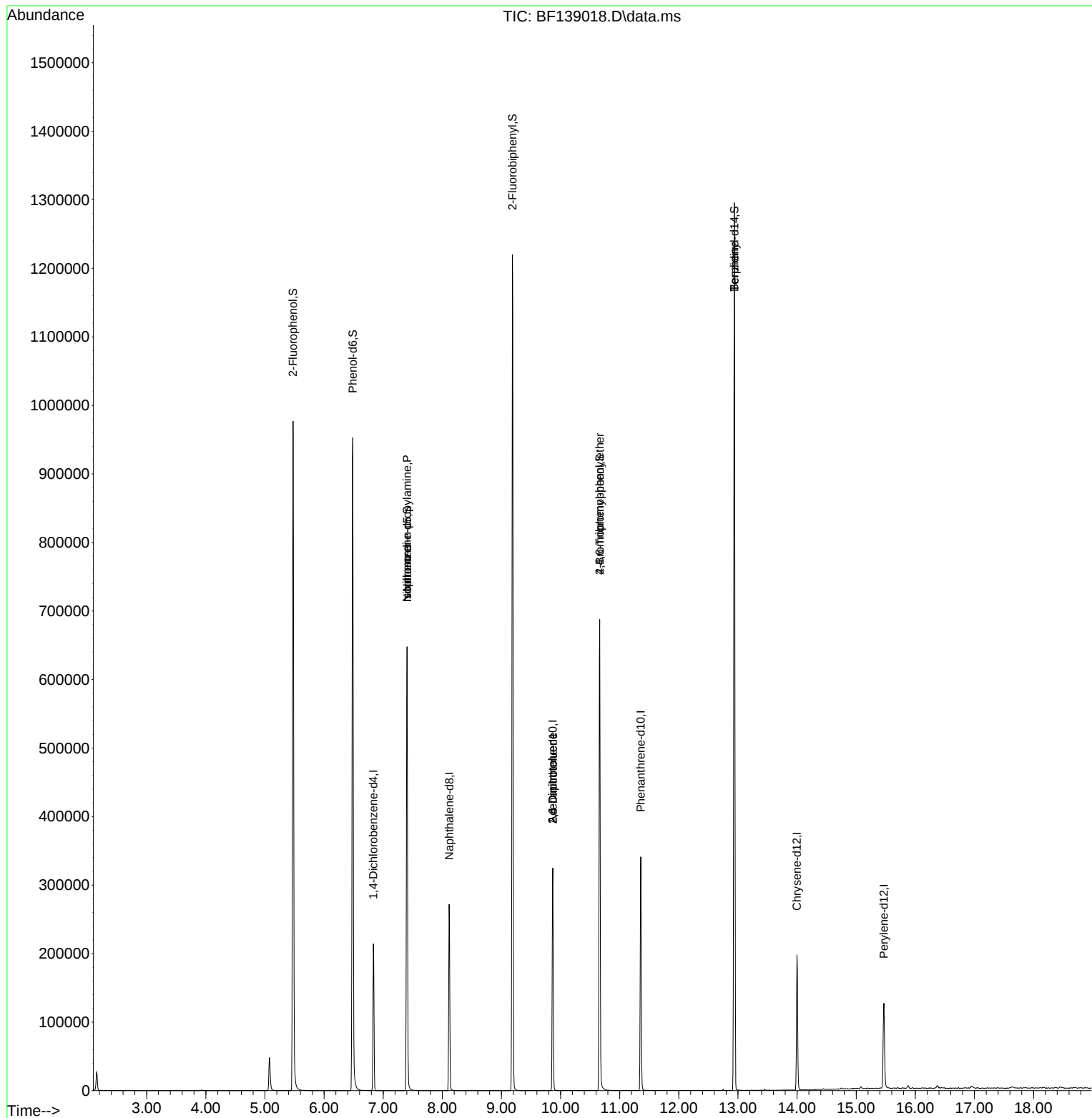
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	40442	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	164070	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	95368	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	175353	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	95720	20.000	ng	0.00
86) Perylene-d12	15.468	264	77597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	322764	123.197	ng	0.00
7) Phenol-d6	6.487	99	421102	119.717	ng	0.00
23) Nitrobenzene-d5	7.404	82	279001	83.140	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	96259	123.221	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	518539	81.694	ng	-0.02
79) Terphenyl-d14	12.939	244	601688	105.243	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	38846	18.285	ng	# 79
25) Isophorone	7.404	82	279021	48.693	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12092	8.787	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	12092	6.887	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7086	3.732	ng	# 1
77) Benzydine	12.939	184	8880	3.879	ng	# 91

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

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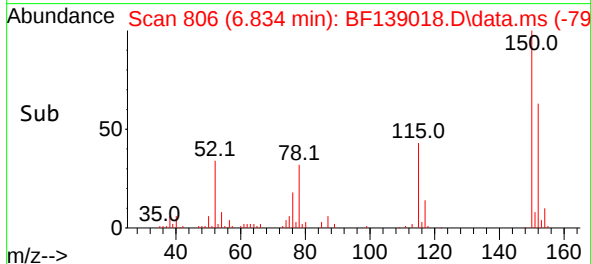
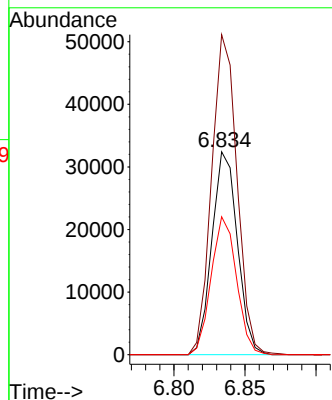
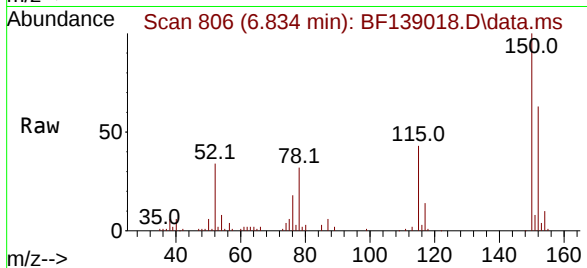




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

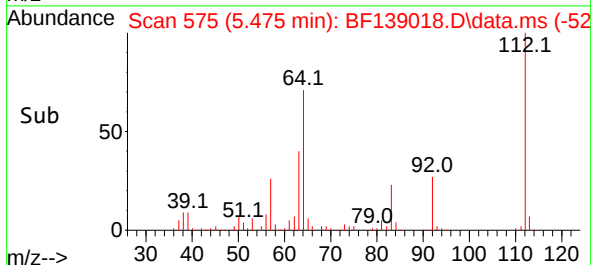
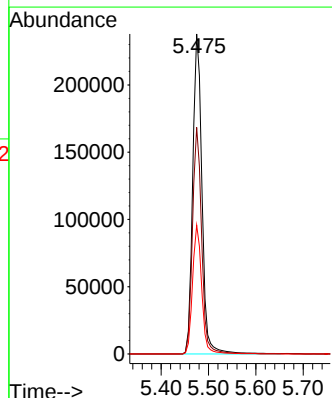
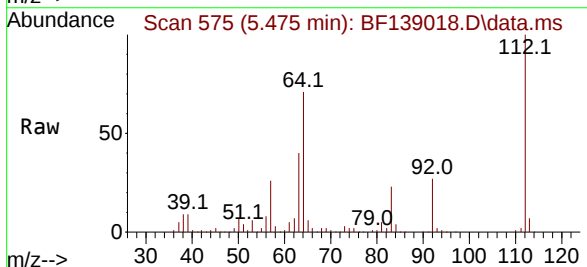
Instrument :
BNA_F
ClientSampleId :
PB162683TB

Tgt Ion:152 Resp: 40442
Ion Ratio Lower Upper
152 100
150 157.7 126.0 189.0
115 68.0 51.7 77.5



#5
2-Fluorophenol
Concen: 123.197 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

Tgt Ion:112 Resp: 322764
Ion Ratio Lower Upper
112 100
64 70.8 54.2 81.4
63 40.3 28.7 43.1

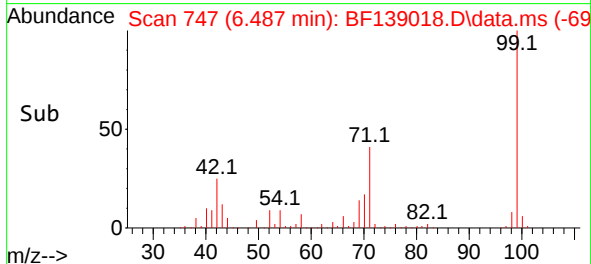
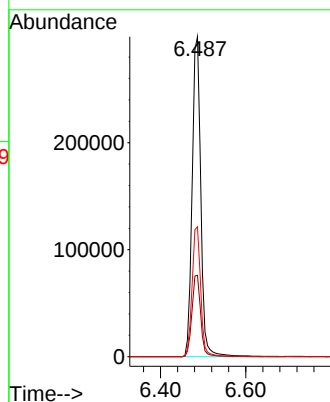
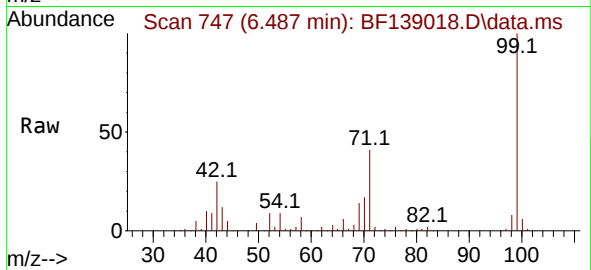




#7
Phenol-d6
Concen: 119.717 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

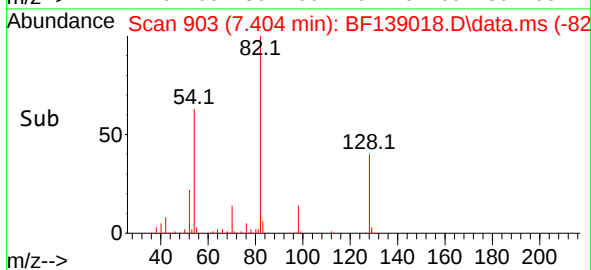
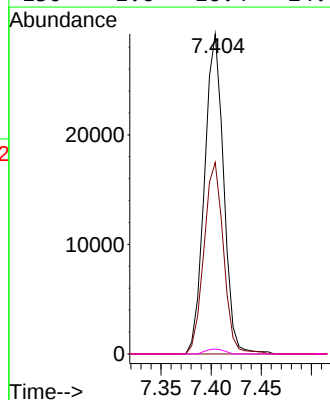
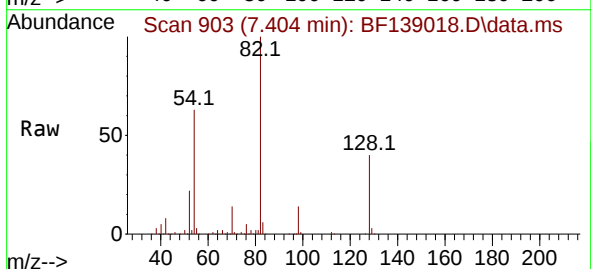
Instrument :
BNA_F
ClientSampleId :
PB162683TB

Tgt Ion: 99 Resp: 421102
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 40.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.285 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

Tgt Ion: 70 Resp: 38846
Ion Ratio Lower Upper
70 100
42 59.8 57.4 86.0
101 0.0 7.5 11.3#
130 1.6 16.4 24.6#





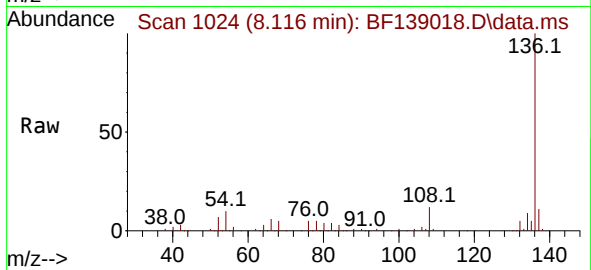
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

Instrument :

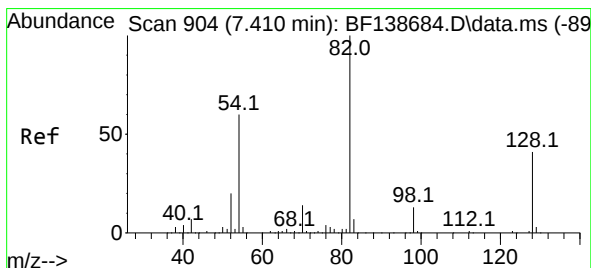
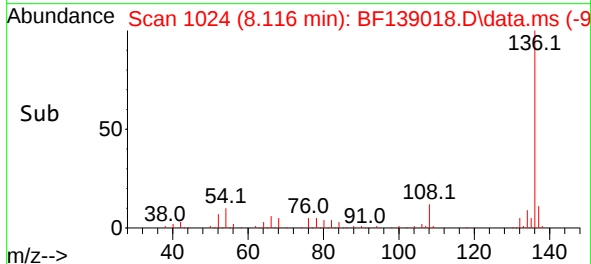
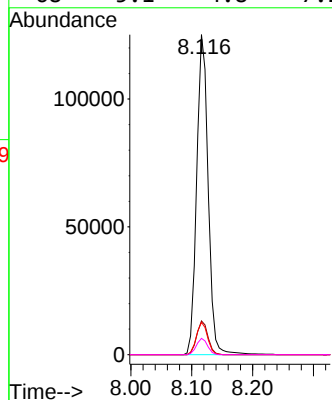
BNA_F

ClientSampleId :

PB162683TB

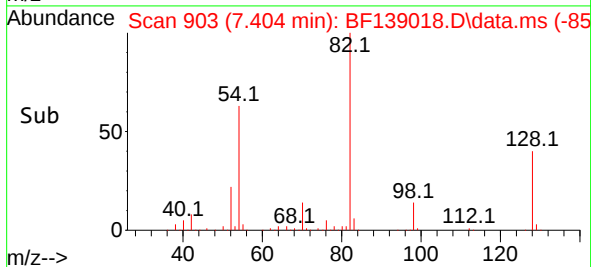
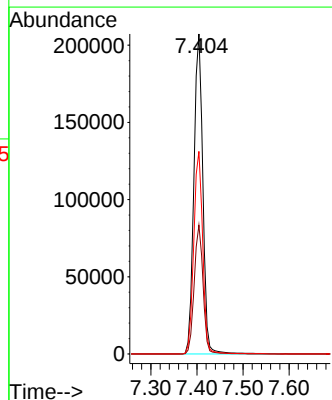
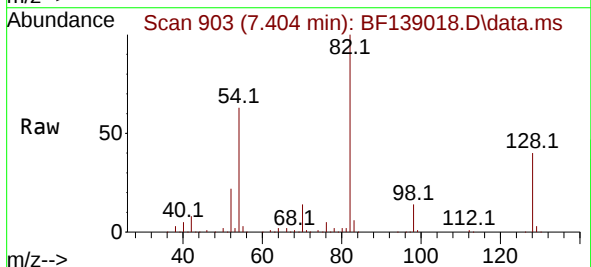


Tgt Ion:136 Resp: 164070
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.1 8.6 12.8
68 5.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 83.140 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

Tgt Ion: 82 Resp: 279001
Ion Ratio Lower Upper
82 100
128 40.2 32.8 49.2
54 63.3 48.3 72.5

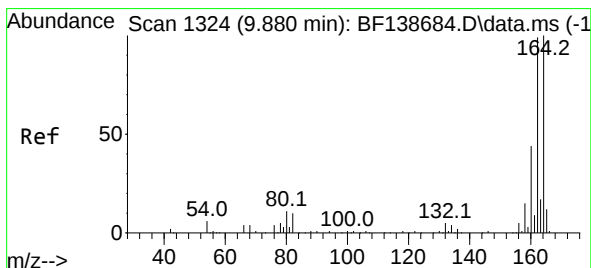
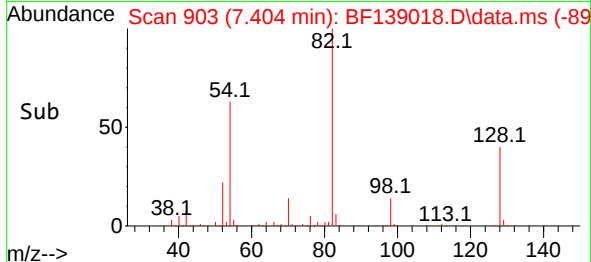
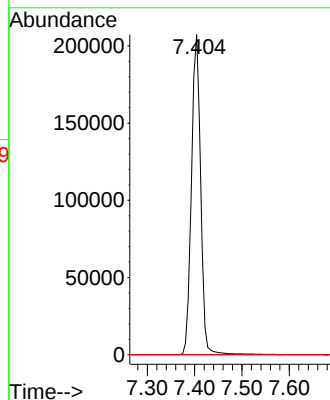
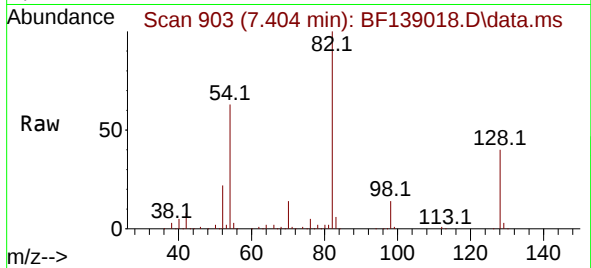




#25
Isophorone
Concen: 48.693 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

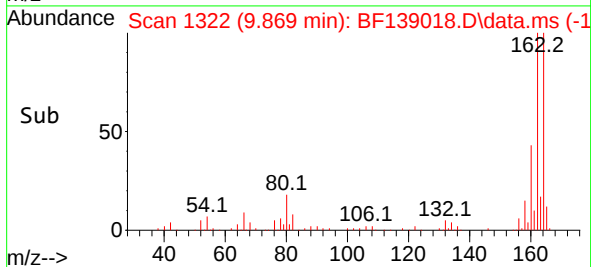
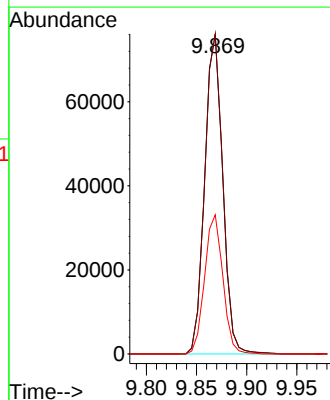
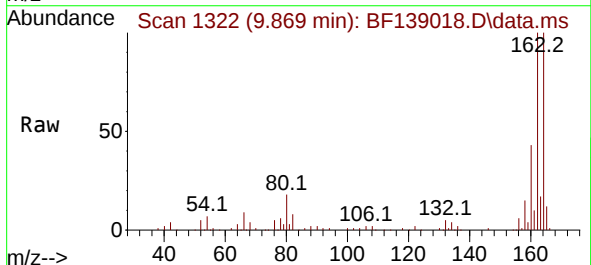
Instrument :
BNA_F
ClientSampleId :
PB162683TB

Tgt Ion: 82 Resp: 279021
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: BF139018.D
Acq: 15 Aug 2024 12:45

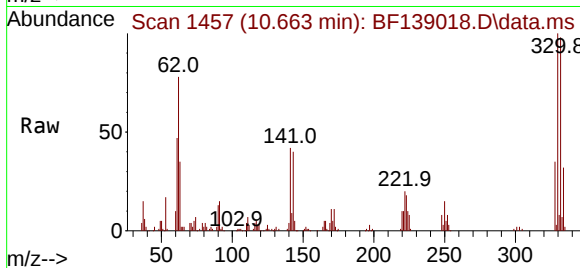
Tgt Ion:164 Resp: 95368
Ion Ratio Lower Upper
164 100
162 100.3 79.4 119.0
160 43.6 35.1 52.7



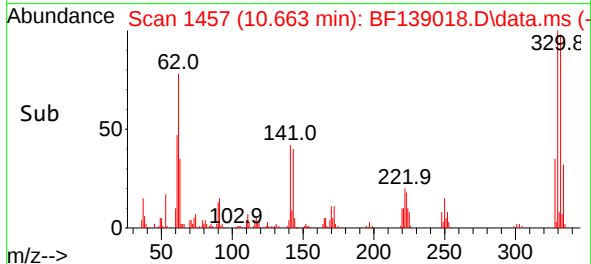
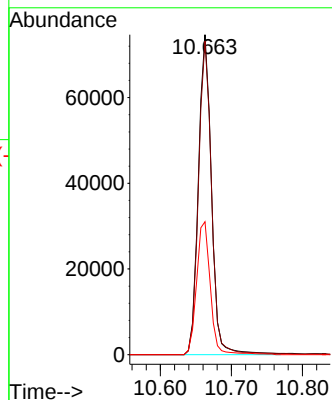


#42
2,4,6-Tribromophenol
Concen: 123.221 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

Instrument :
BNA_F
ClientSampleId :
PB162683TB

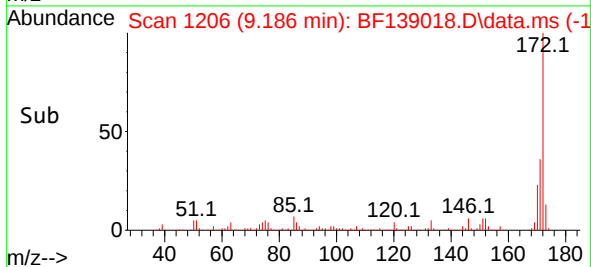
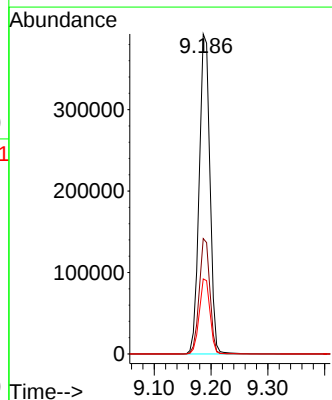
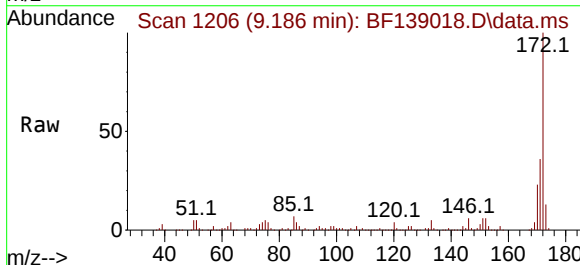


Tgt Ion:330 Resp: 96259
Ion Ratio Lower Upper
330 100
332 97.9 76.4 114.6
141 43.5 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 81.694 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

Tgt Ion:172 Resp: 518539
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.5 18.8 28.2

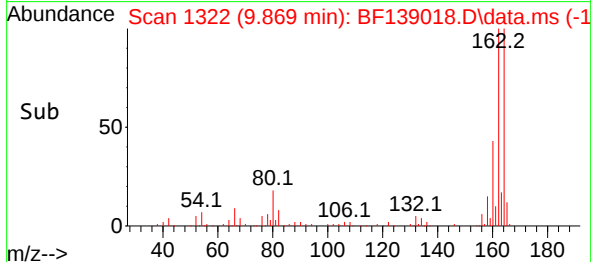
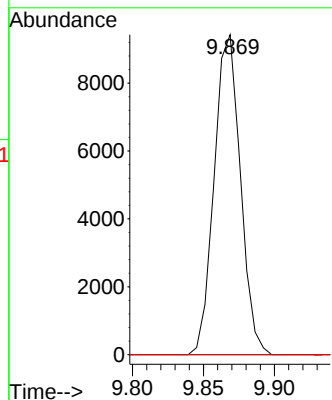
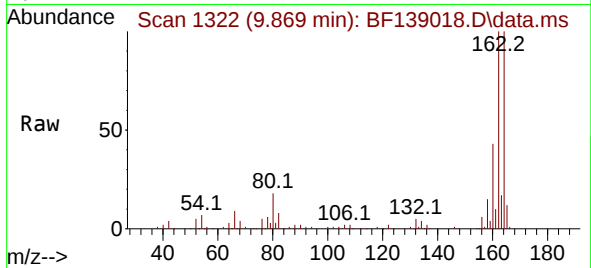




#51
2,6-Dinitrotoluene
Concen: 8.787 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

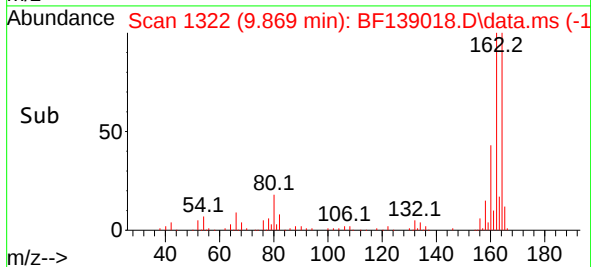
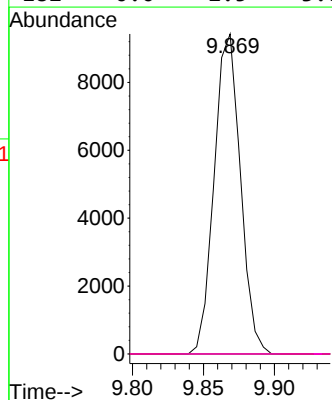
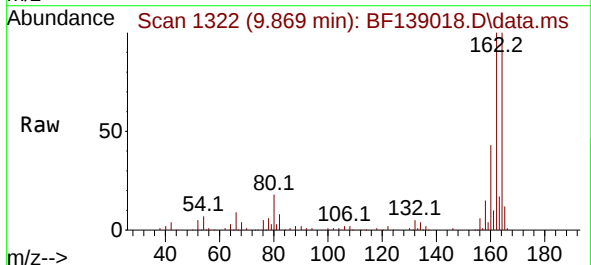
Instrument :
BNA_F
ClientSampleId :
PB162683TB

Tgt Ion:165 Resp: 12092
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: 6.887 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF139018.D
Acq: 15 Aug 2024 12:45

Tgt Ion:165 Resp: 12092
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: BF139018.D

Acq: 15 Aug 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB162683TB

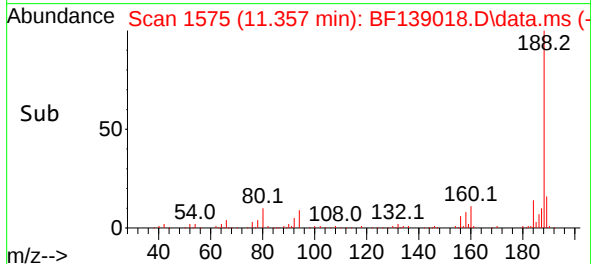
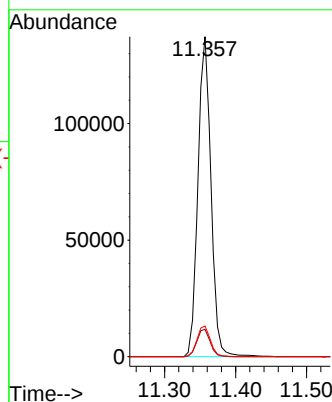
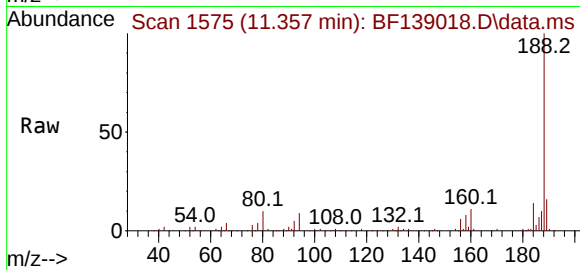
Tgt Ion:188 Resp: 175353

Ion Ratio Lower Upper

188 100

94 8.5 7.6 11.4

80 9.6 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.732 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF139018.D

Acq: 15 Aug 2024 12:45

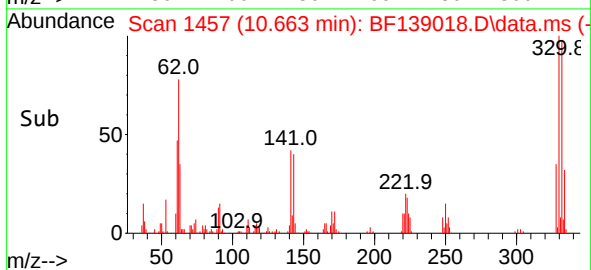
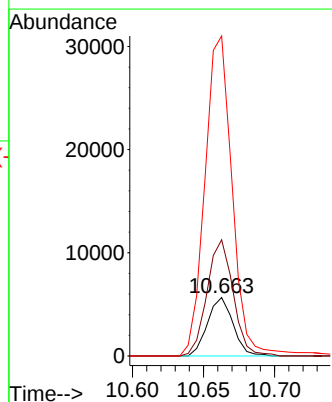
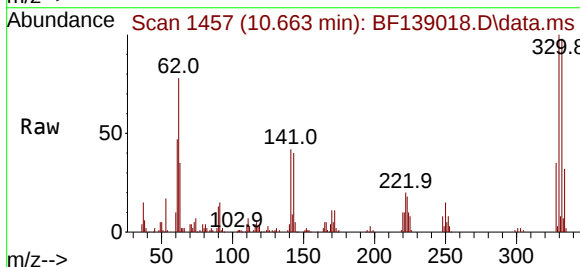
Tgt Ion:248 Resp: 7086

Ion Ratio Lower Upper

248 100

250 199.0 77.7 116.5#

141 548.3 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: BF139018.D

Acq: 15 Aug 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB162683TB

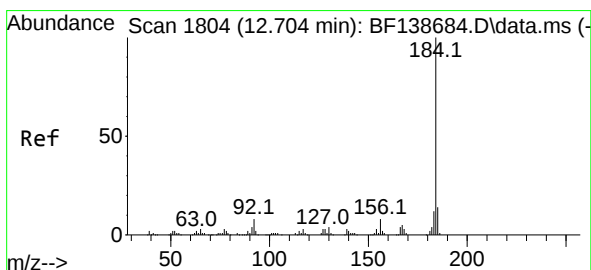
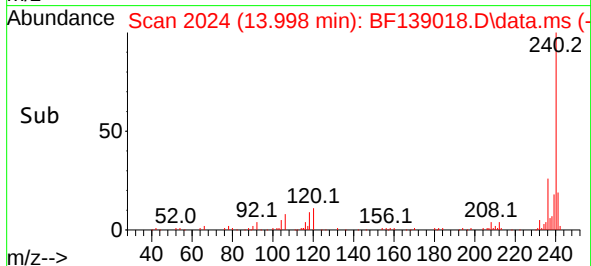
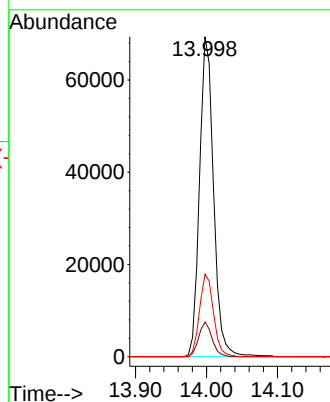
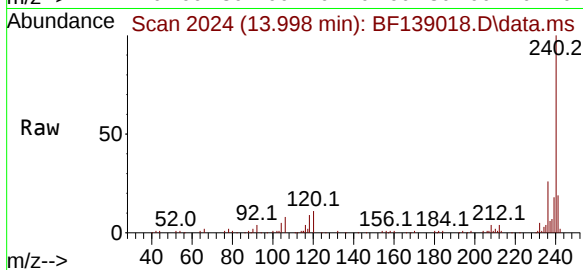
Tgt Ion:240 Resp: 95720

Ion Ratio Lower Upper

240 100

120 10.8 10.2 15.4

236 25.8 19.8 29.8



#77

Benzidine

Concen: 3.879 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF139018.D

Acq: 15 Aug 2024 12:45

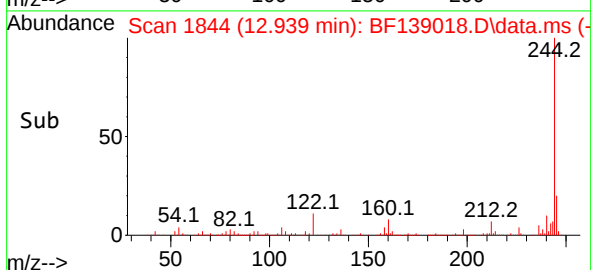
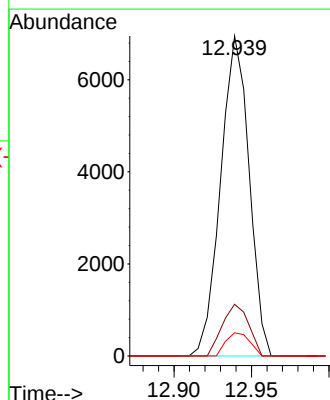
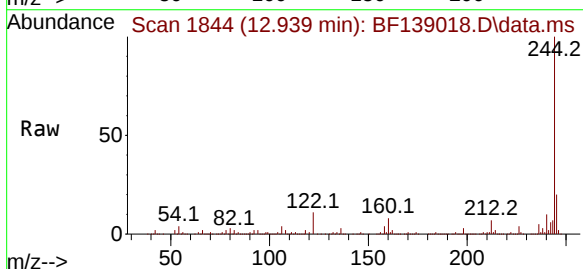
Tgt Ion:184 Resp: 8880

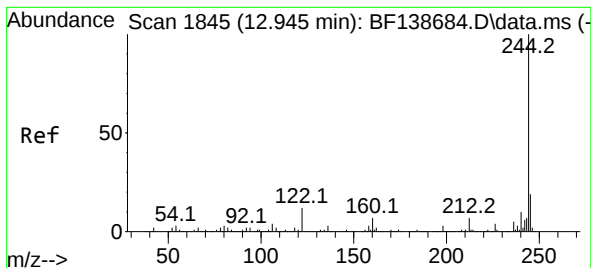
Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

183 7.2 9.6 14.4#





#79

Terphenyl-d14

Concen: 105.243 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139018.D

Acq: 15 Aug 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB162683TB

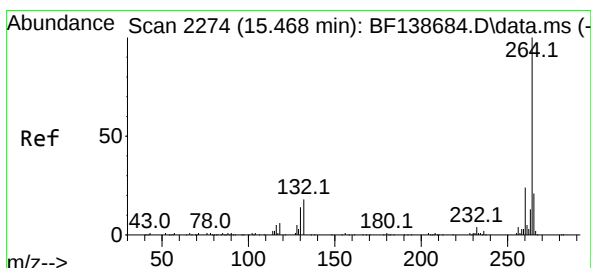
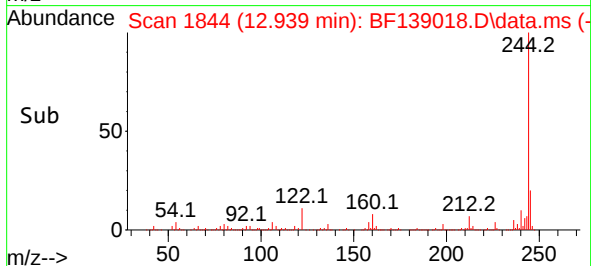
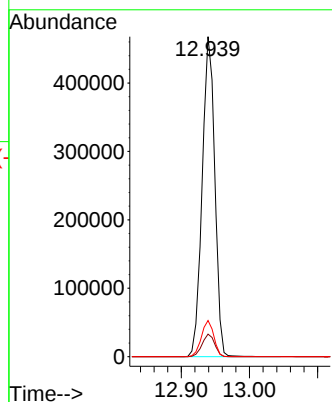
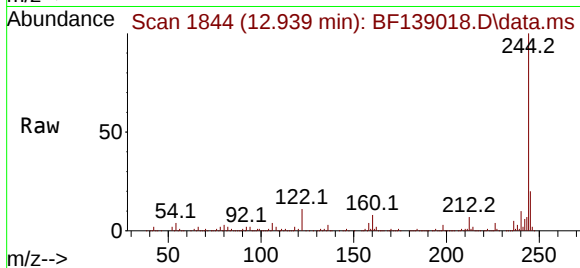
Tgt Ion:244 Resp: 601688

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.3 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: BF139018.D

Acq: 15 Aug 2024 12:45

Tgt Ion:264 Resp: 77597

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.6

265 21.7 17.0 25.6

