

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138956.D
 Acq On : 13 Aug 2024 02:27
 Operator : RC/JU
 Sample : P3548-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 343

Quant Time: Aug 13 02:59:47 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)

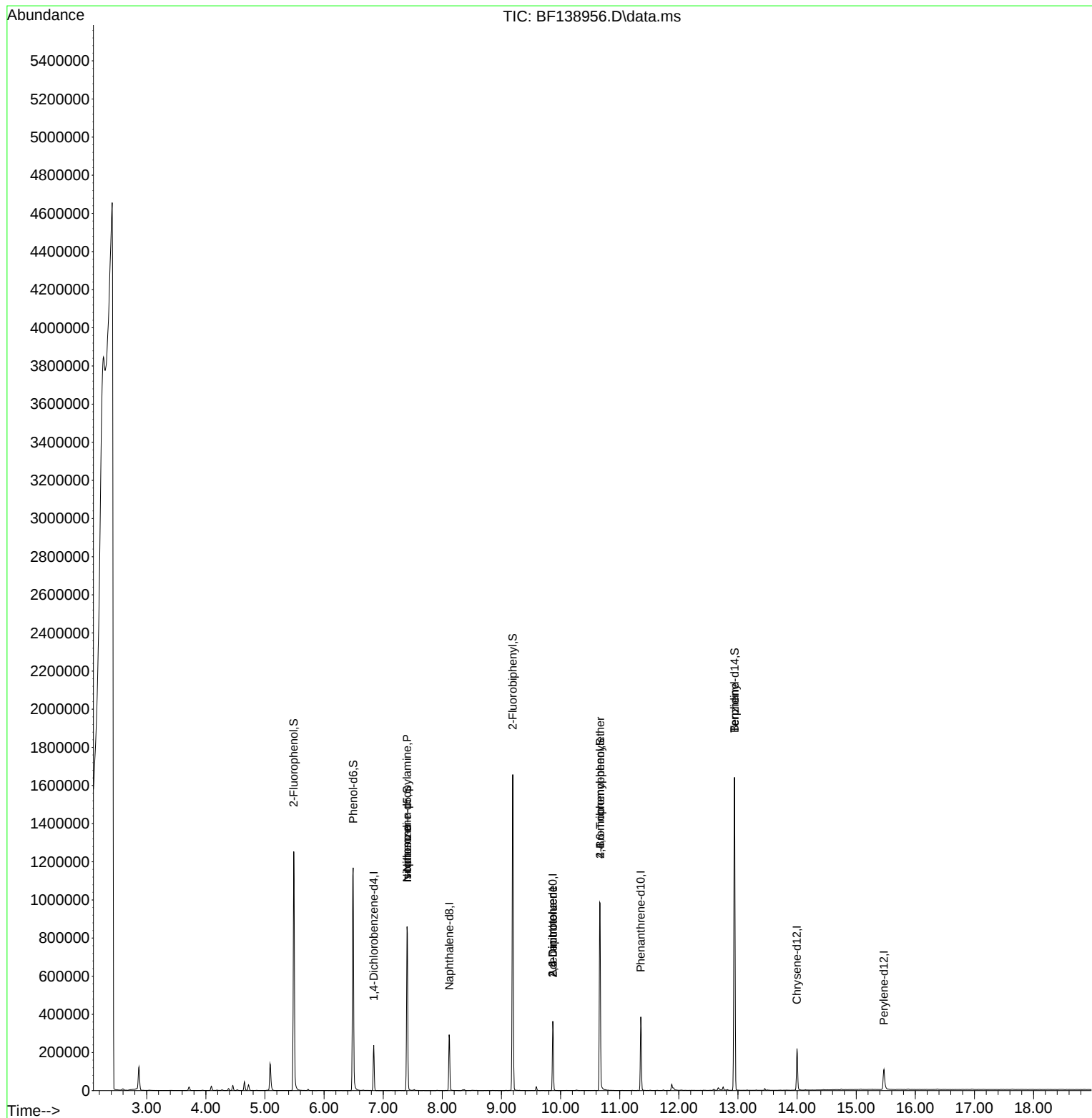
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	44266	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	178863	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	105409	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	198269	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	106042	20.000	ng	0.00
86) Perylene-d12	15.468	264	76266	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	425361	148.333	ng	0.02
7) Phenol-d6	6.492	99	535312	139.040	ng	0.00
23) Nitrobenzene-d5	7.404	82	379893	103.842	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	154775	179.254	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	701220	99.952	ng	-0.01
79) Terphenyl-d14	12.945	244	830613	131.143	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	52819	22.714	ng	# 81
25) Isophorone	7.404	82	379889	60.813	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	13550	8.908	ng	# 22
57) 2,4-Dinitrotoluene	9.869	165	13550	6.982	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	11815	5.504	ng	# 1
77) Benzidine	12.945	184	11621	4.582	ng	# 92

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

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Quant Time: Aug 13 02:59:47 2024
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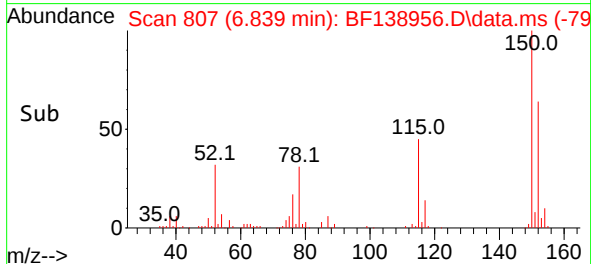
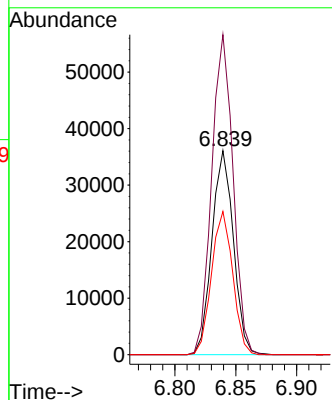
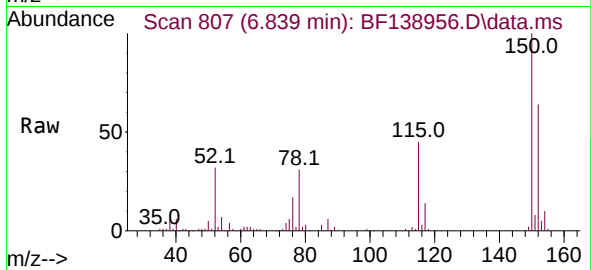




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138956.D
Acq: 13 Aug 2024 02:27

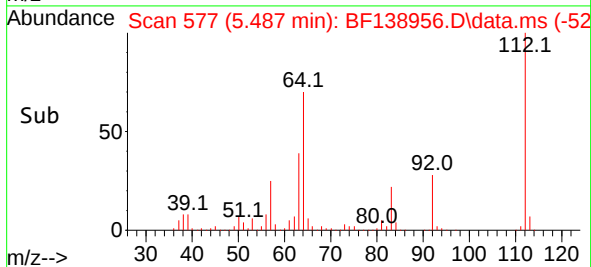
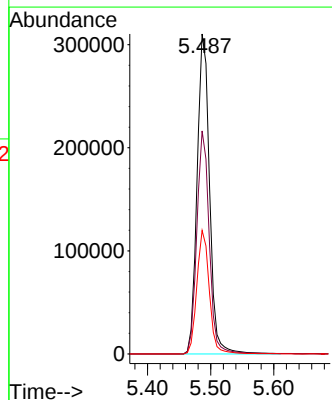
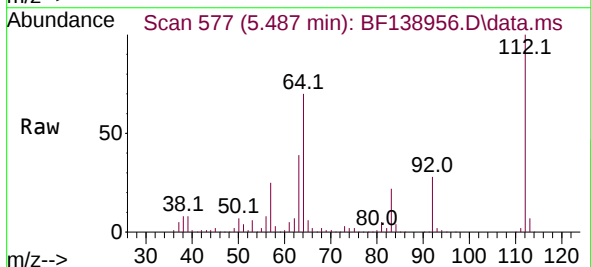
Instrument :
BNA_F
ClientSampleId :
343

Tgt Ion:152 Resp: 44266
Ion Ratio Lower Upper
152 100
150 156.8 126.0 189.0
115 70.2 51.7 77.5



#5
2-Fluorophenol
Concen: 148.333 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138956.D
Acq: 13 Aug 2024 02:27

Tgt Ion:112 Resp: 425361
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.4
63 38.6 28.7 43.1

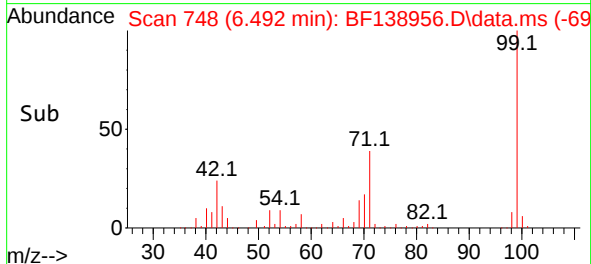
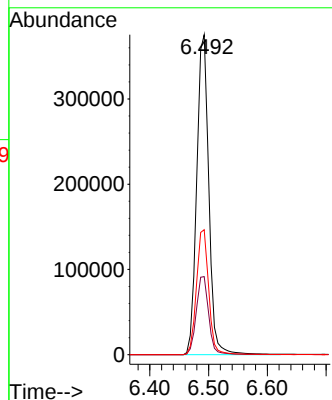
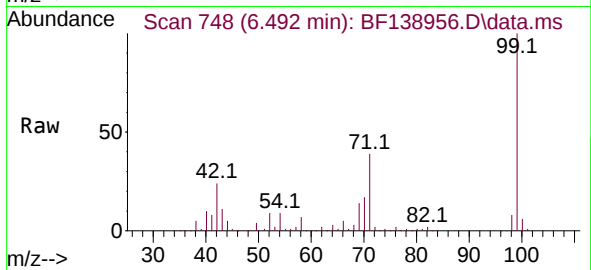




#7
Phenol-d6
Concen: 139.040 ng
RT: 6.492 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF138956.D
Acq: 13 Aug 2024 02:27

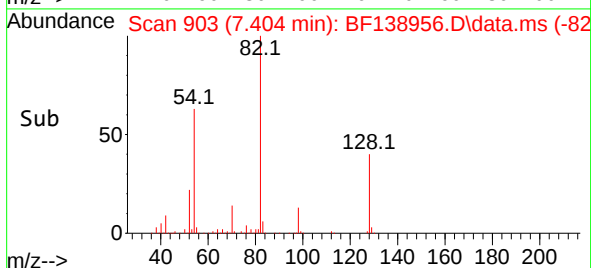
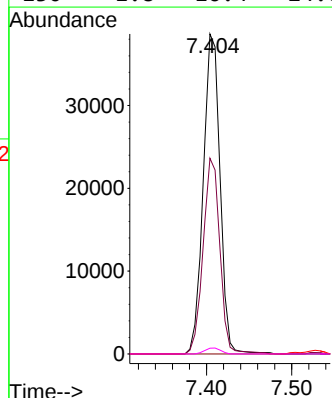
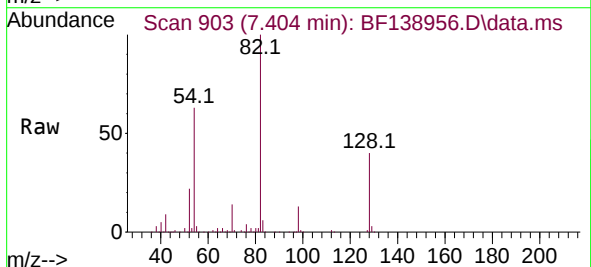
Instrument :
BNA_F
ClientSampleId :
343

Tgt Ion: 99 Resp: 535312
Ion Ratio Lower Upper
99 100
42 24.4 17.4 26.0
71 39.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 22.714 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138956.D
Acq: 13 Aug 2024 02:27

Tgt Ion: 70 Resp: 52819
Ion Ratio Lower Upper
70 100
42 61.1 57.4 86.0
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#

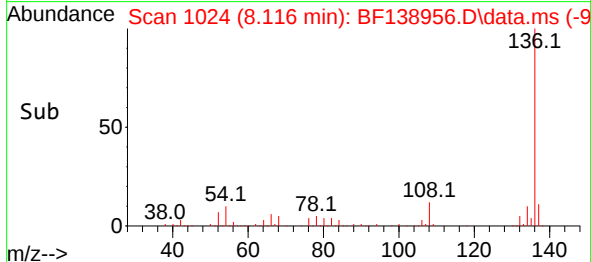
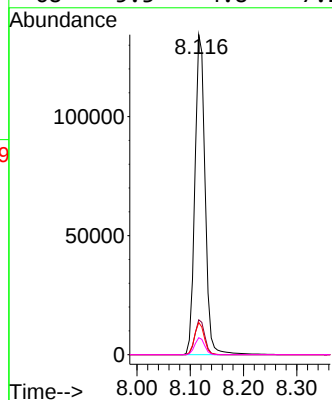
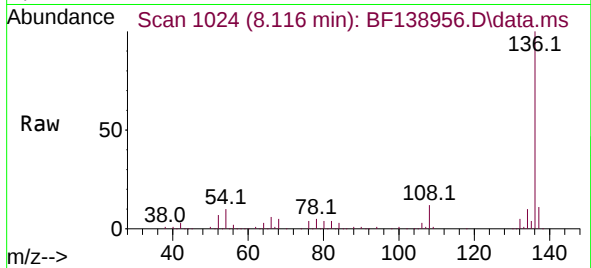




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138956.D
Acq: 13 Aug 2024 02:27

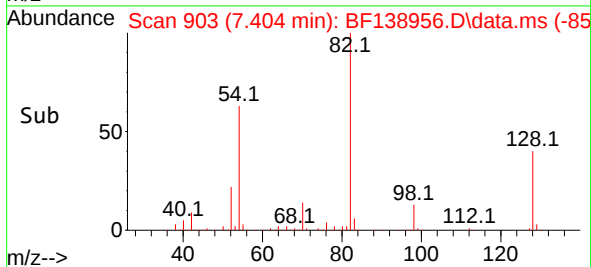
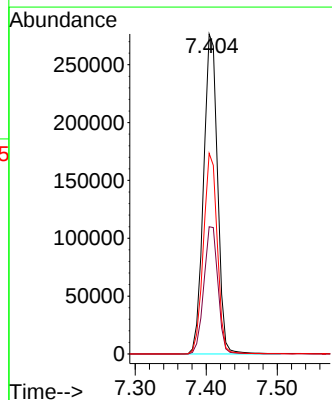
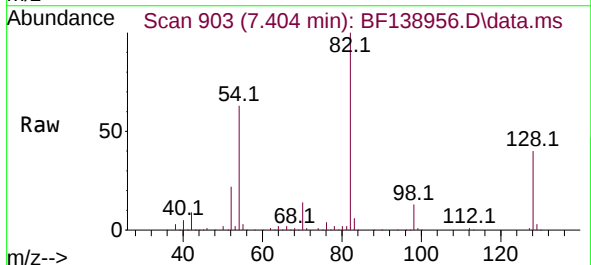
Instrument :
BNA_F
ClientSampleId :
343

Tgt Ion:	136	Resp:	178863
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.1	8.6	12.8
68	5.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 103.842 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138956.D
Acq: 13 Aug 2024 02:27

Tgt Ion:	82	Resp:	379893
Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.8	49.2
54	62.7	48.3	72.5

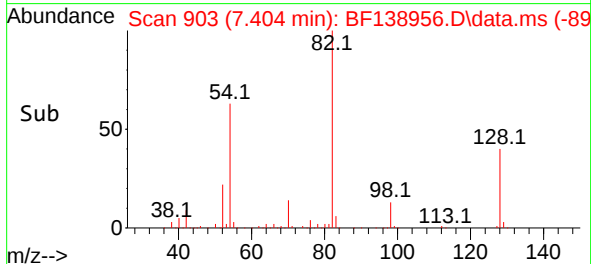
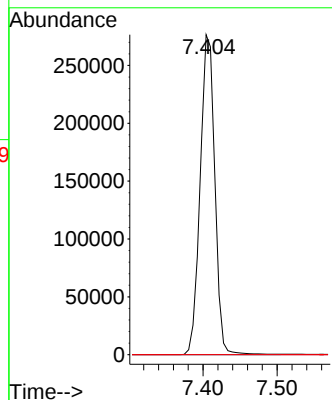
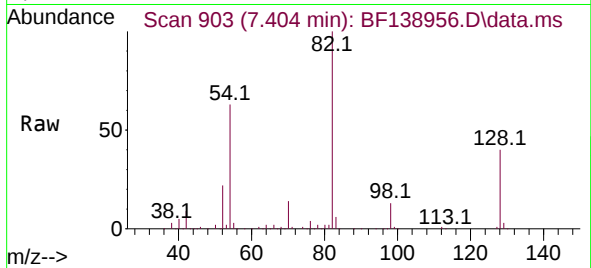




#25
Isophorone
Concen: 60.813 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138956.D
Acq: 13 Aug 2024 02:27

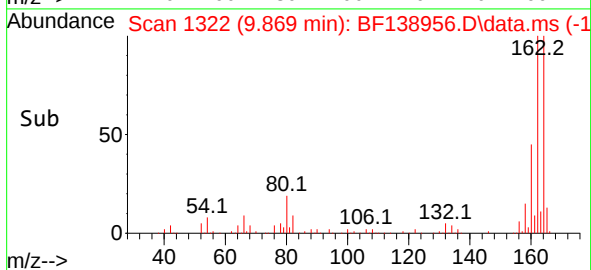
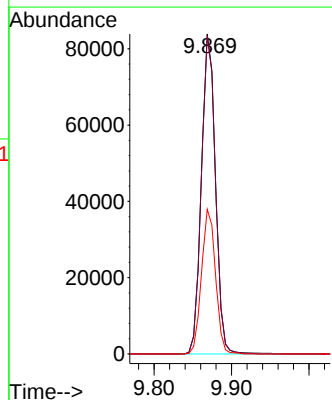
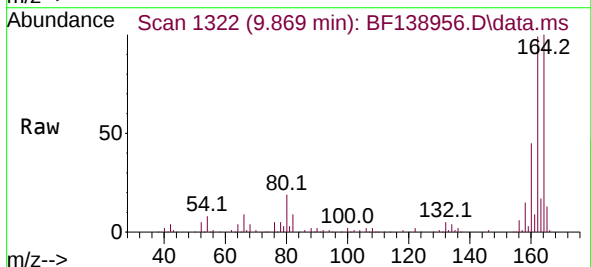
Instrument :
BNA_F
ClientSampleId :
343

Tgt Ion: 82 Resp: 379889
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: BF138956.D
Acq: 13 Aug 2024 02:27

Tgt Ion:164 Resp: 105409
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 179.254 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138956.D

Acq: 13 Aug 2024 02:27

Instrument :

BNA_F

ClientSampleId :

343

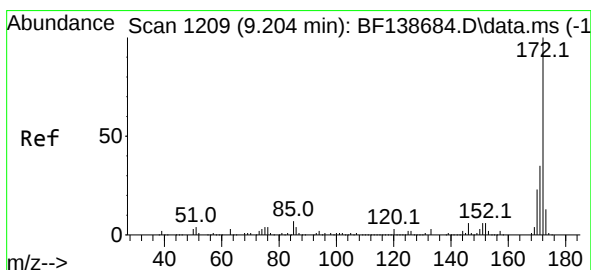
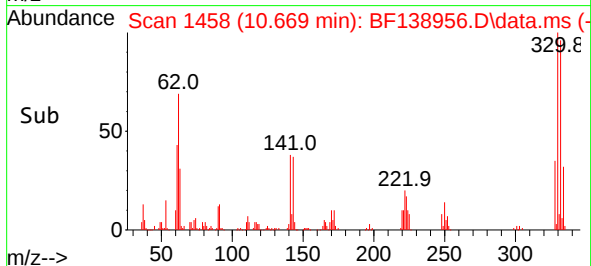
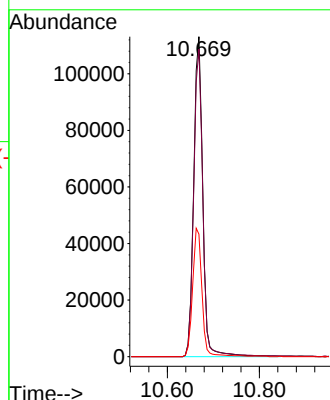
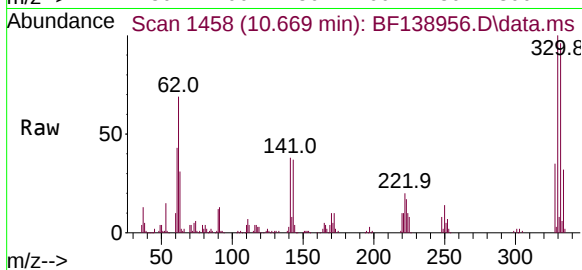
Tgt Ion:330 Resp: 154775

Ion Ratio Lower Upper

330 100

332 96.5 76.4 114.6

141 41.2 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 99.952 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138956.D

Acq: 13 Aug 2024 02:27

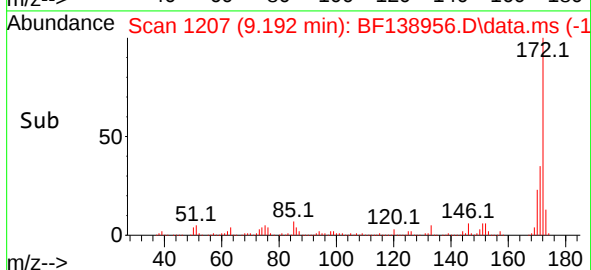
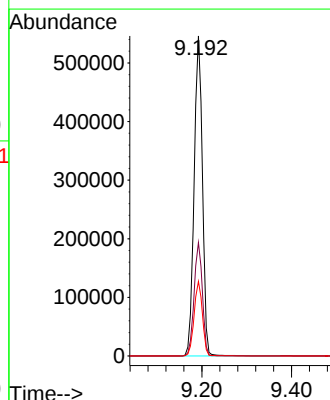
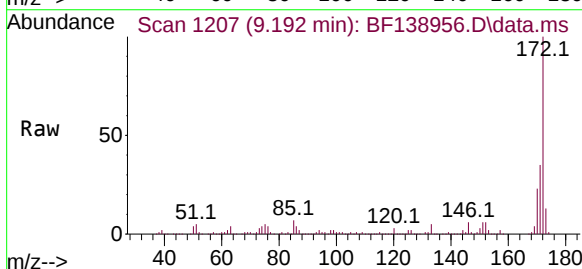
Tgt Ion:172 Resp: 701220

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 18.8 28.2

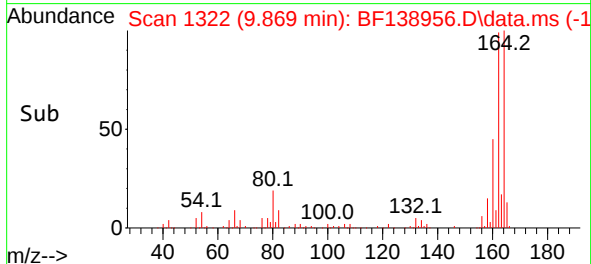
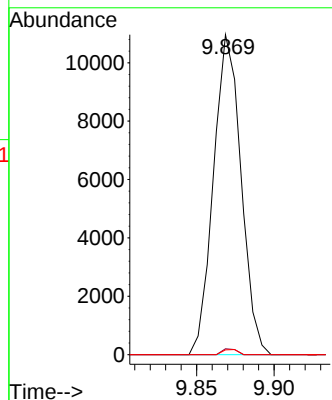
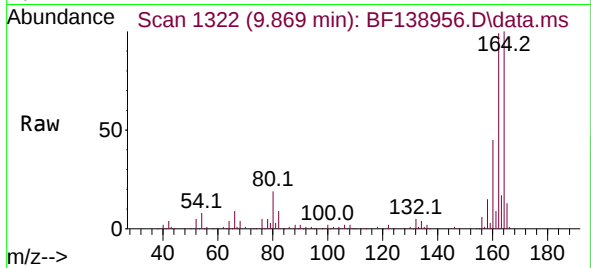




#51
2,6-Dinitrotoluene
Concen: 8.908 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138956.D
Acq: 13 Aug 2024 02:27

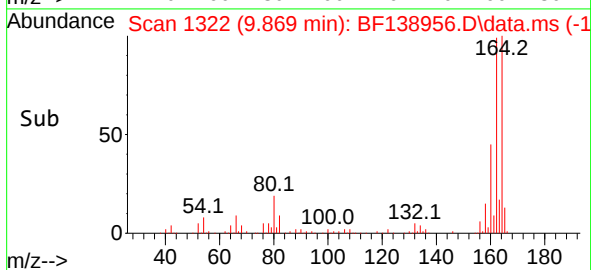
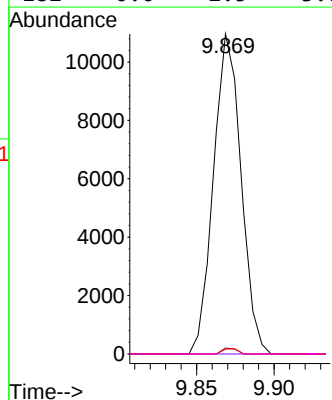
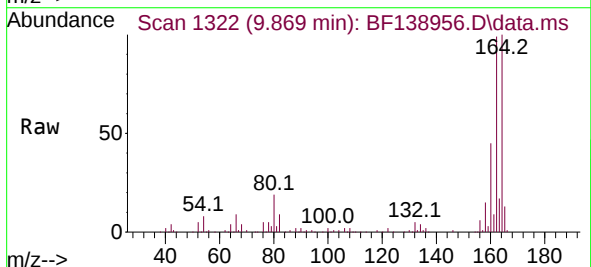
Instrument :
BNA_F
ClientSampleId :
343

Tgt Ion:165 Resp: 13550
Ion Ratio Lower Upper
165 100
63 1.9 52.0 78.0#
89 1.5 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.982 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138956.D
Acq: 13 Aug 2024 02:27

Tgt Ion:165 Resp: 13550
Ion Ratio Lower Upper
165 100
63 1.9 46.3 69.5#
89 1.5 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: BF138956.D

Acq: 13 Aug 2024 02:27

Instrument :

BNA_F

ClientSampleId :

343

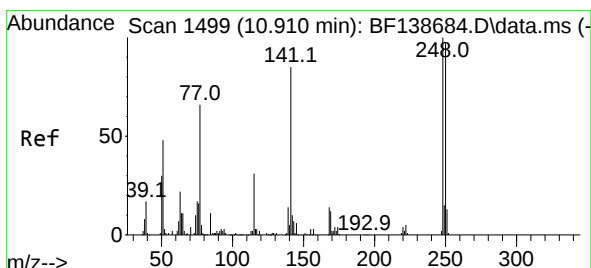
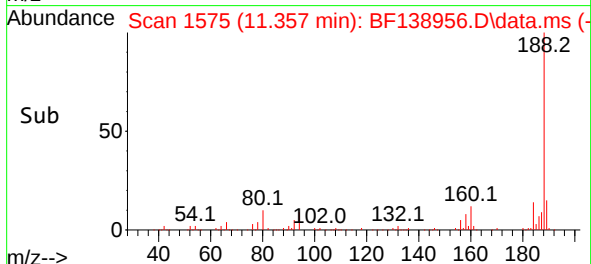
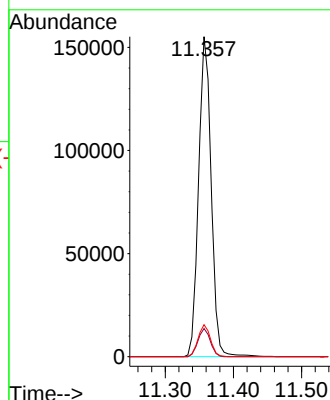
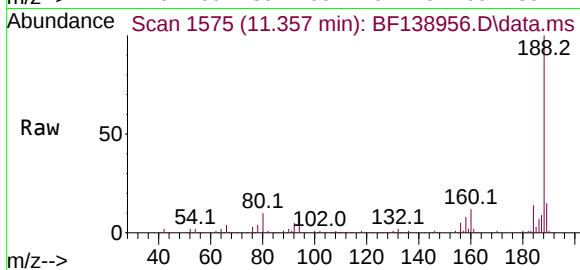
Tgt Ion:188 Resp: 198269

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 10.0 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.504 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138956.D

Acq: 13 Aug 2024 02:27

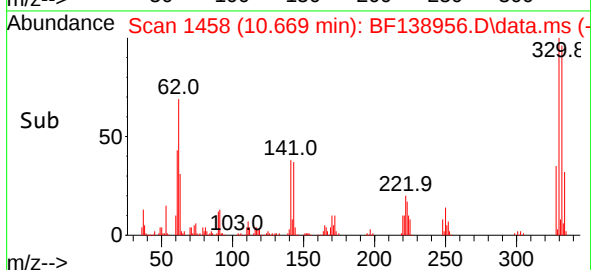
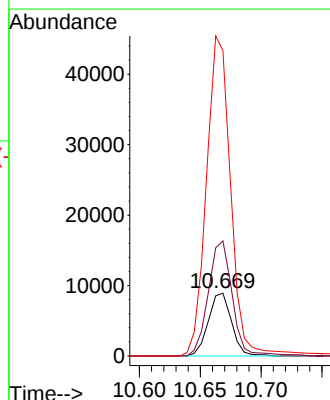
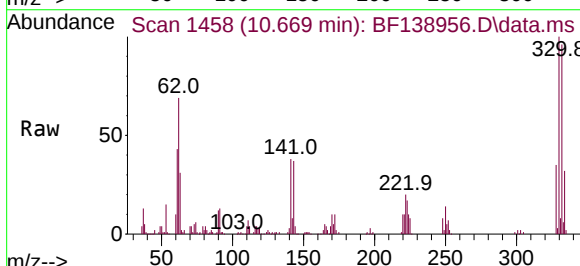
Tgt Ion:248 Resp: 11815

Ion Ratio Lower Upper

248 100

250 183.5 77.7 116.5#

141 486.7 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: BF138956.D

Acq: 13 Aug 2024 02:27

Instrument :

BNA_F

ClientSampleId :

343

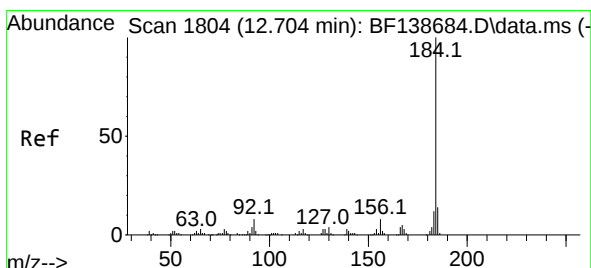
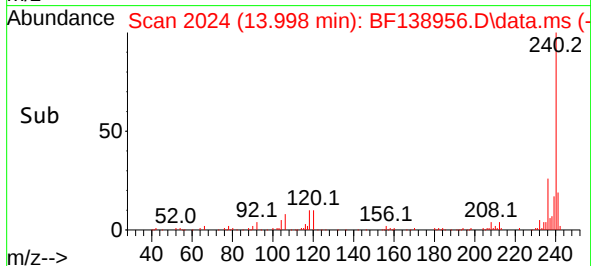
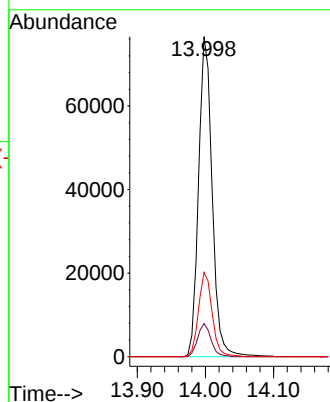
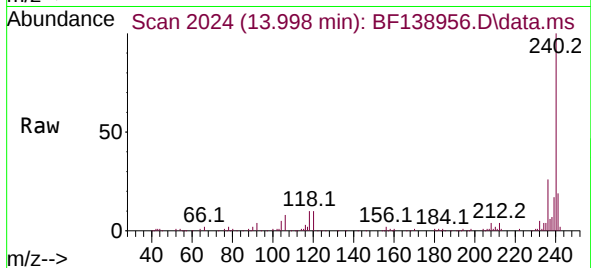
Tgt Ion:240 Resp: 106042

Ion Ratio Lower Upper

240 100

120 10.3 10.2 15.4

236 26.3 19.8 29.8



#77

Benzidine

Concen: 4.582 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138956.D

Acq: 13 Aug 2024 02:27

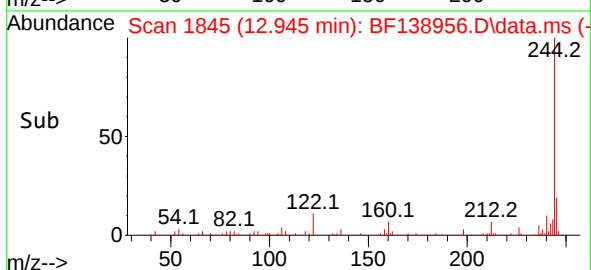
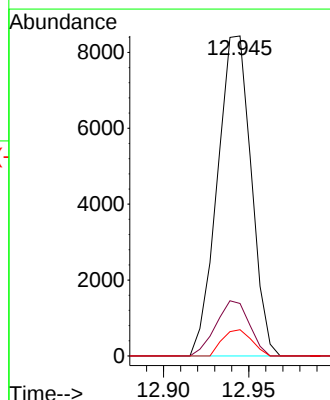
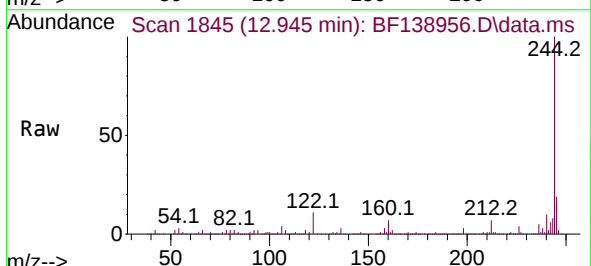
Tgt Ion:184 Resp: 11621

Ion Ratio Lower Upper

184 100

185 16.4 11.1 16.7

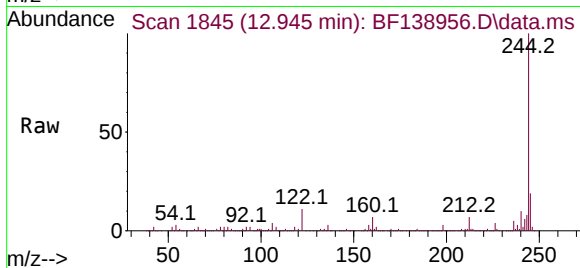
183 8.2 9.6 14.4#



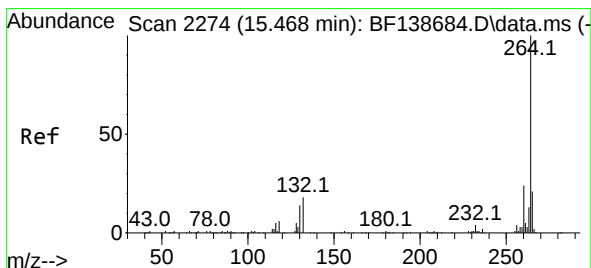
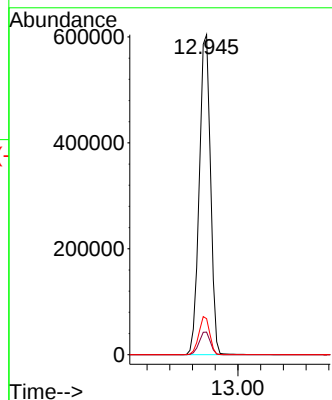
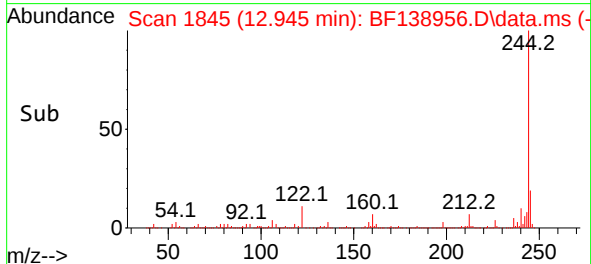


#79
 Terphenyl-d14
 Concen: 131.143 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: BF138956.D
 Acq: 13 Aug 2024 02:27

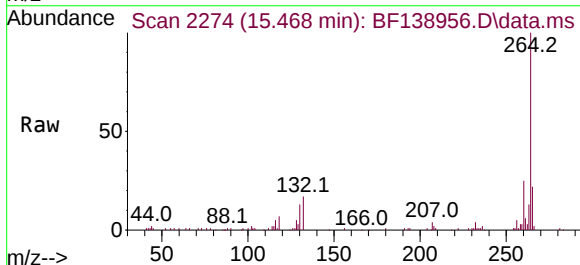
Instrument :
 BNA_F
 ClientSampleId :
 343



Tgt Ion:244 Resp: 830613
 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: BF138956.D
 Acq: 13 Aug 2024 02:27



Tgt Ion:264 Resp: 76266
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.6
 265 21.7 17.0 25.6

