

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139596.D
 Acq On : 02 Oct 2024 10:14
 Operator : RC/JU
 Sample : PB163784BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163784BL

Quant Time: Oct 02 11:08:44 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)

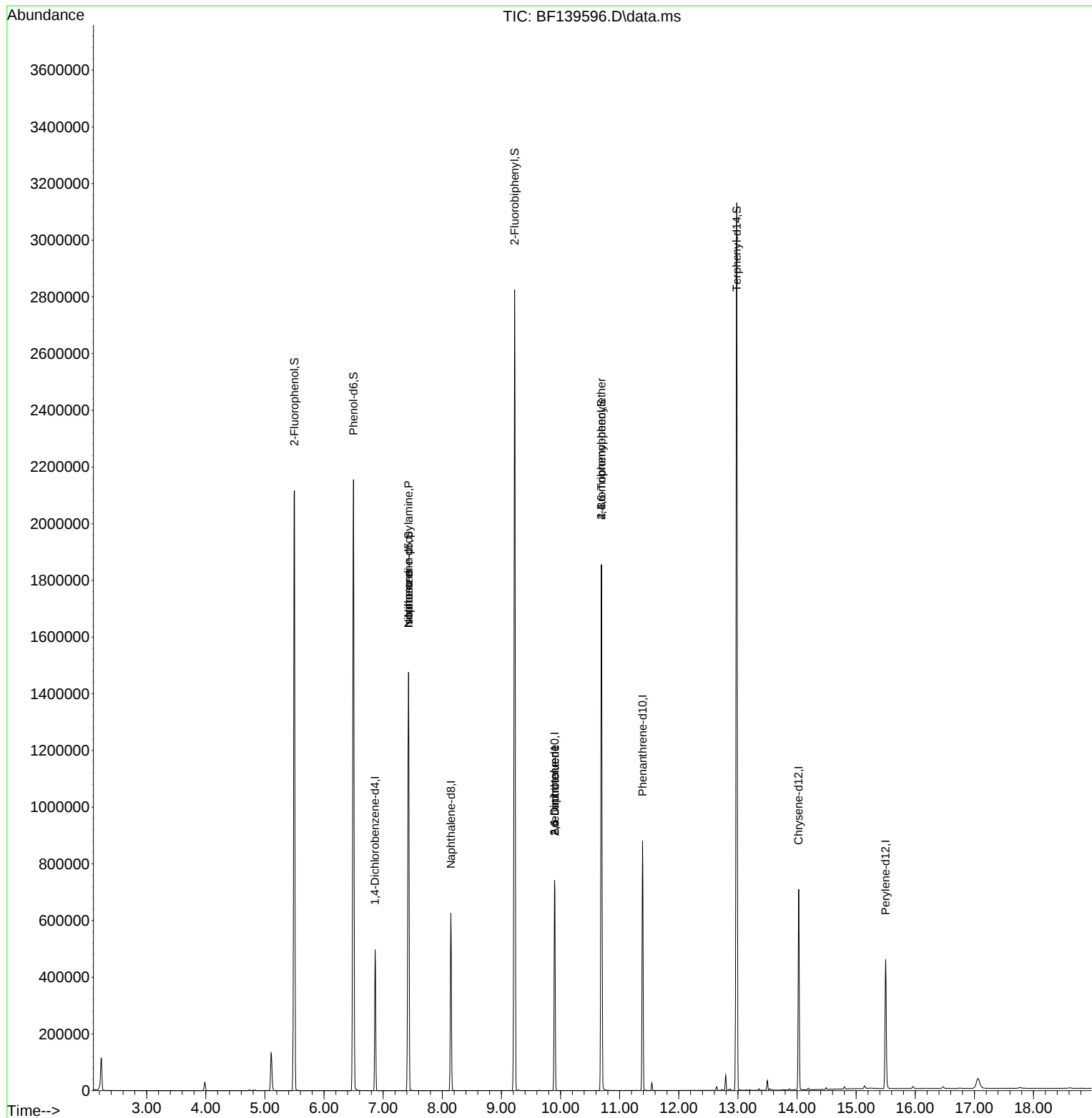
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	97757	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	379209	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	224193	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	451052	20.000	ng	0.00
76) Chrysene-d12	14.027	240	325892	20.000	ng	0.00
86) Perylene-d12	15.498	264	258263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	779030	138.123	ng	0.01
7) Phenol-d6	6.498	99	1043575	137.589	ng	0.00
23) Nitrobenzene-d5	7.428	82	681436	90.982	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	295535	136.555	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1281997	87.786	ng	0.00
79) Terphenyl-d14	12.980	244	1624836	81.809	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	93752	19.226	ng	# 76
25) Isophorone	7.428	82	677145	50.903	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	29104	8.779	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	29104	6.716	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	20490	4.431	ng	# 1

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

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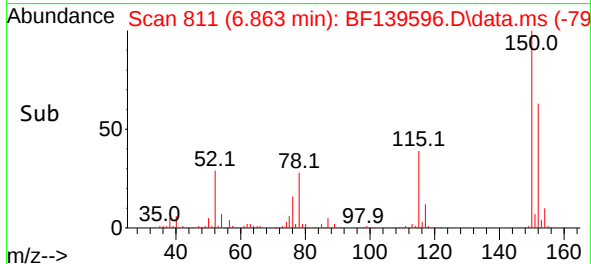
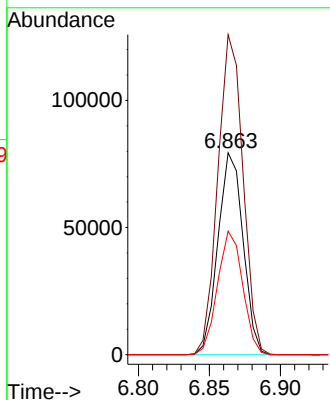
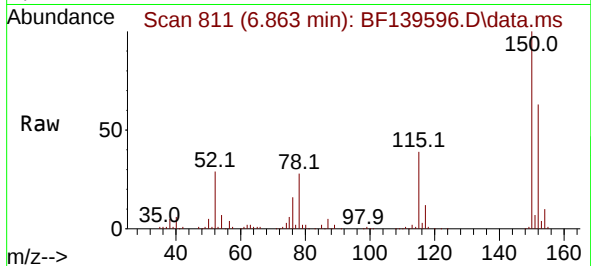




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14

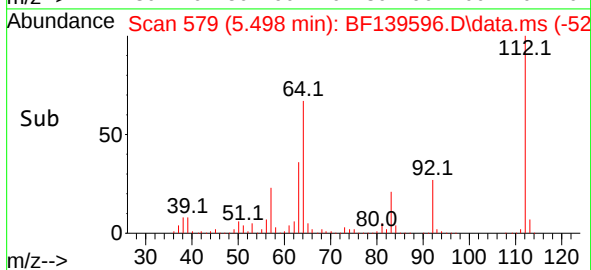
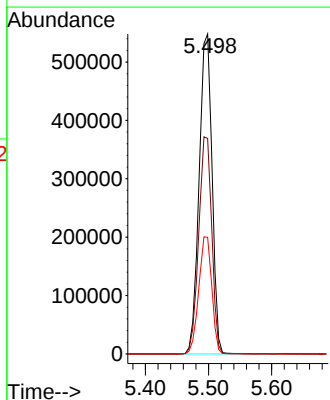
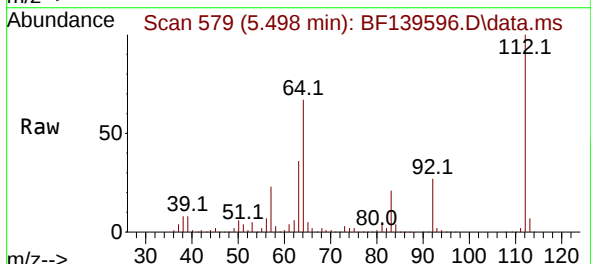
Instrument :
BNA_F
ClientSampleId :
PB163784BL

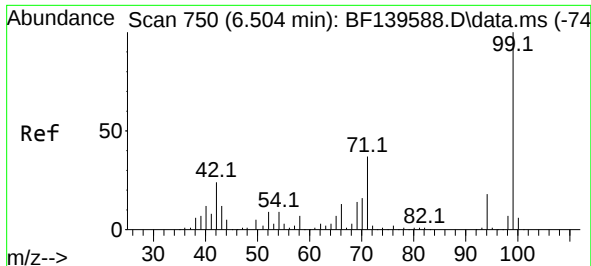
Tgt Ion:152 Resp: 97757
Ion Ratio Lower Upper
152 100
150 158.5 127.2 190.8
115 61.2 49.0 73.4



#5
2-Fluorophenol
Concen: 138.123 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14

Tgt Ion:112 Resp: 779030
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 36.4 29.4 44.2





#7

Phenol-d6

Concen: 137.589 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF139596.D

Acq: 02 Oct 2024 10:14

Instrument :

BNA_F

ClientSampleId :

PB163784BL

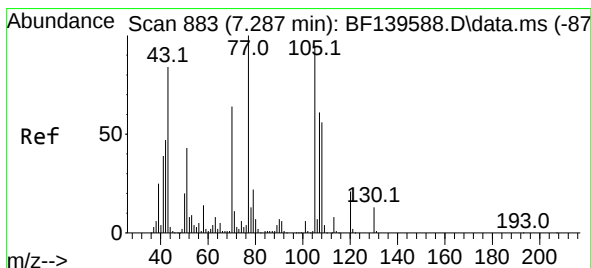
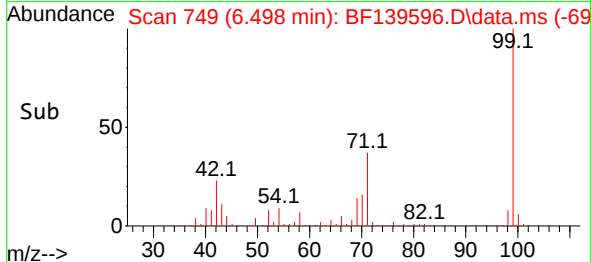
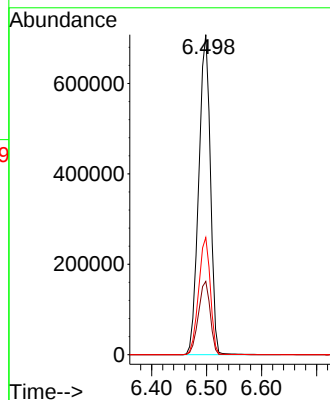
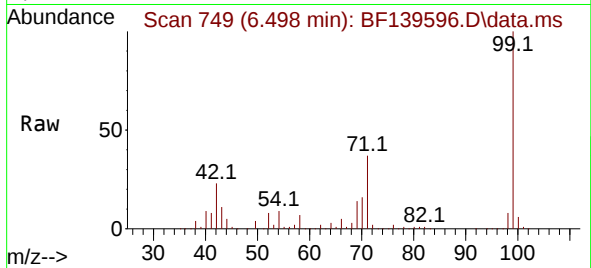
Tgt Ion: 99 Resp: 1043575

Ion Ratio Lower Upper

99 100

42 22.9 19.1 28.7

71 36.6 29.7 44.5



#19

n-Nitroso-di-n-propylamine

Concen: 19.226 ng

RT: 7.428 min Scan# 907

Delta R.T. 0.141 min

Lab File: BF139596.D

Acq: 02 Oct 2024 10:14

Tgt Ion: 70 Resp: 93752

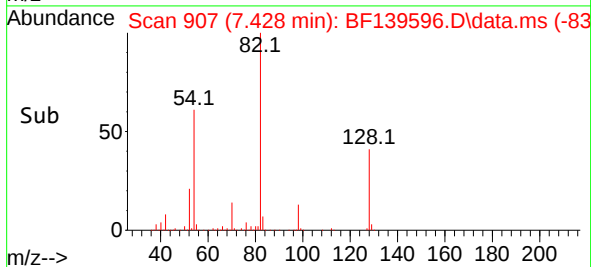
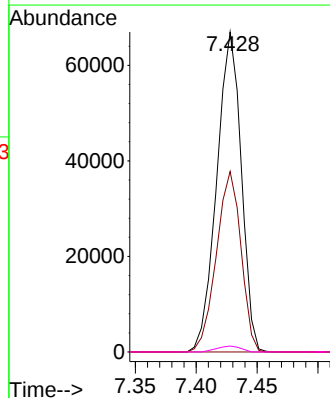
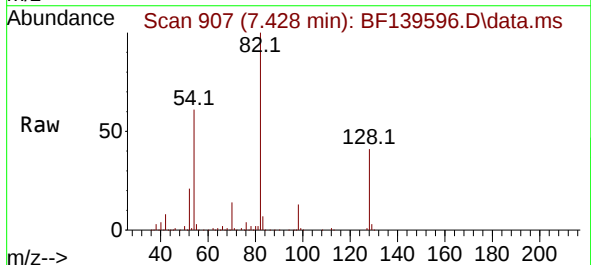
Ion Ratio Lower Upper

70 100

42 56.4 58.0 87.0#

101 0.0 7.8 11.8#

130 1.9 15.9 23.9#

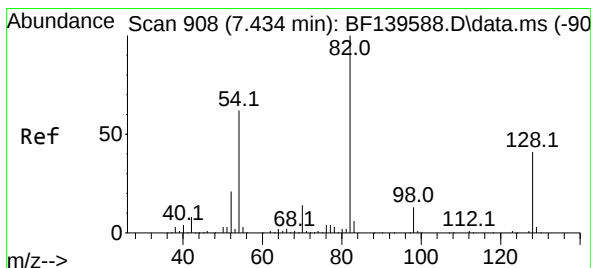
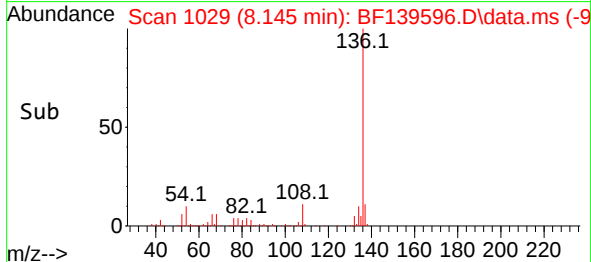
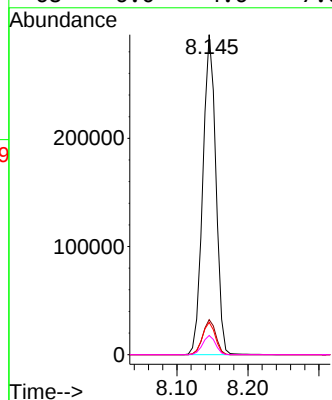
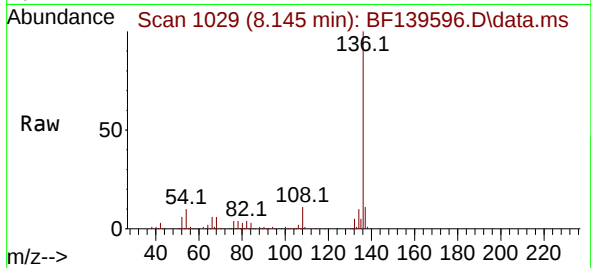




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14

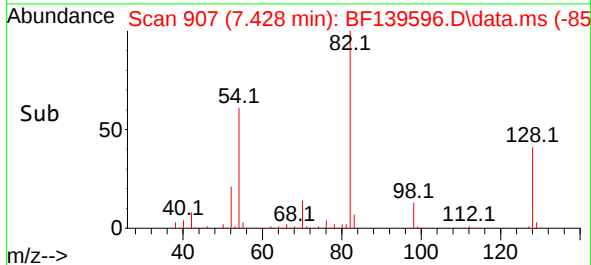
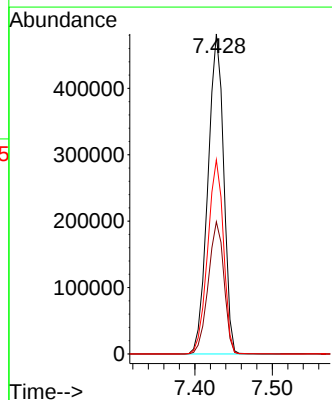
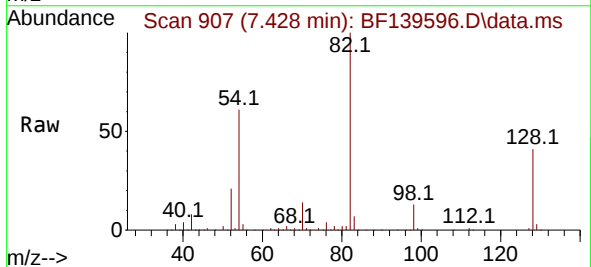
Instrument :
BNA_F
ClientSampleId :
PB163784BL

Tgt Ion:136	Resp: 379209
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 10.1	8.3 12.5
68 6.0	4.6 7.0



#23
Nitrobenzene-d5
Concen: 90.982 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14

Tgt Ion: 82	Resp: 681436
Ion Ratio	Lower Upper
82 100	
128 41.3	32.4 48.6
54 60.6	49.1 73.7

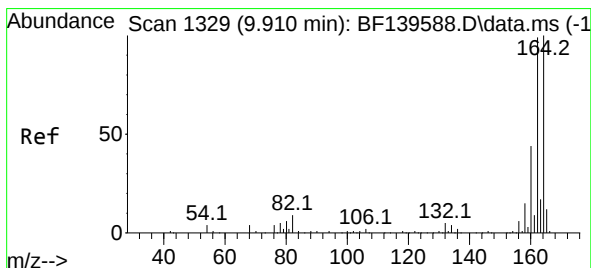
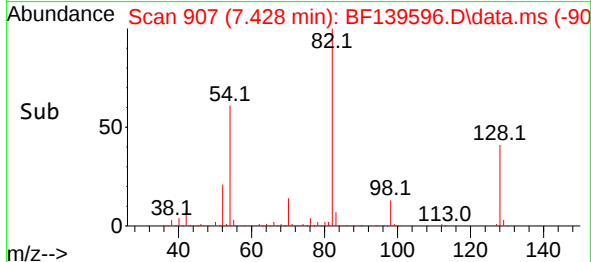
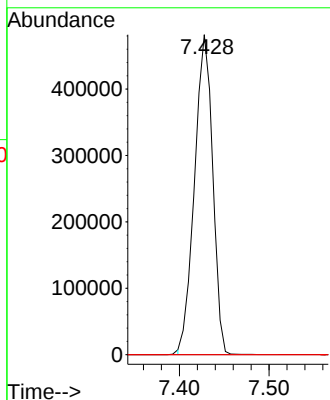
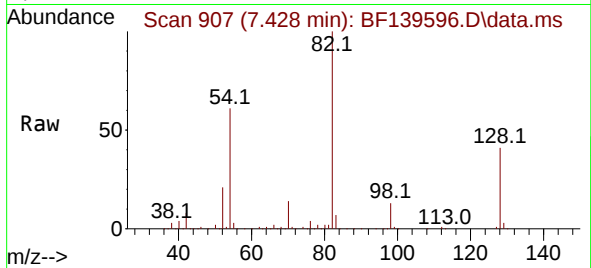




#25
Isophorone
Concen: 50.903 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14

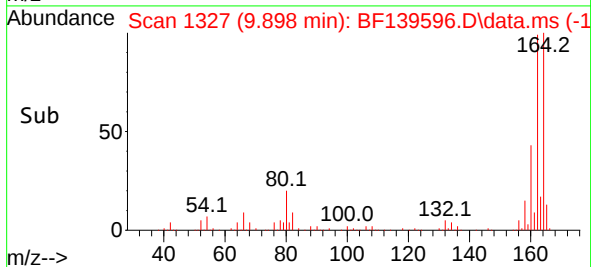
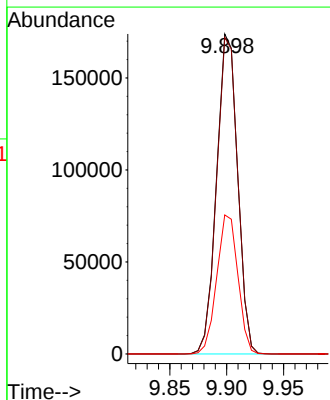
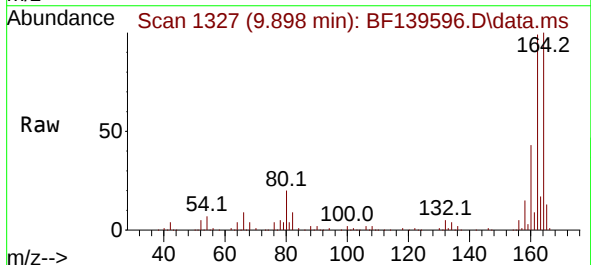
Instrument :
BNA_F
ClientSampleId :
PB163784BL

Tgt Ion: 82 Resp: 677145
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: BF139596.D
Acq: 02 Oct 2024 10:14

Tgt Ion:164 Resp: 224193
Ion Ratio Lower Upper
164 100
162 98.9 79.4 119.0
160 43.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 136.555 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139596.D

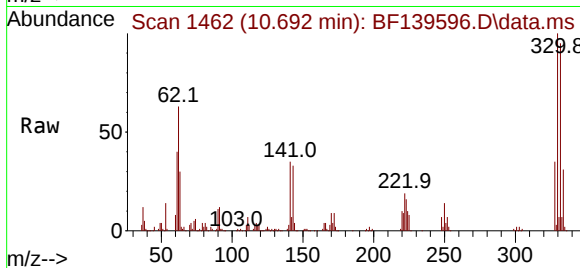
Acq: 02 Oct 2024 10:14

Instrument :

BNA_F

ClientSampleId :

PB163784BL



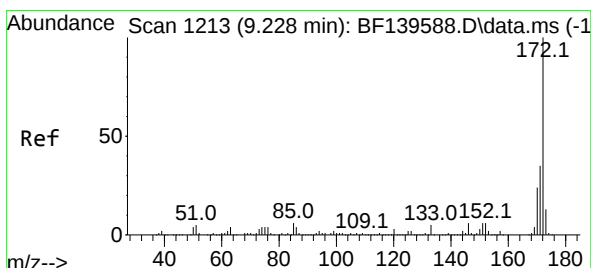
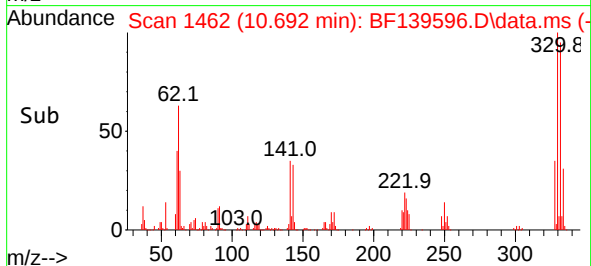
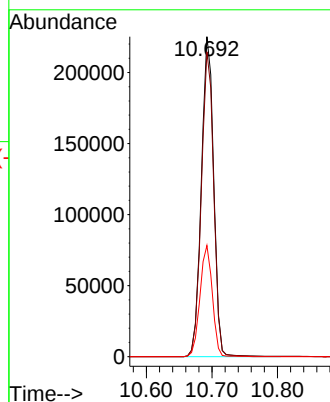
Tgt Ion:330 Resp: 295535

Ion Ratio Lower Upper

330 100

332 95.3 76.5 114.7

141 34.7 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 87.786 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139596.D

Acq: 02 Oct 2024 10:14

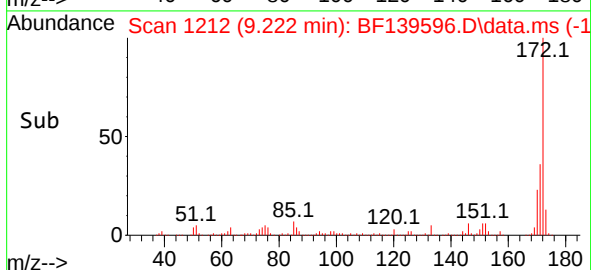
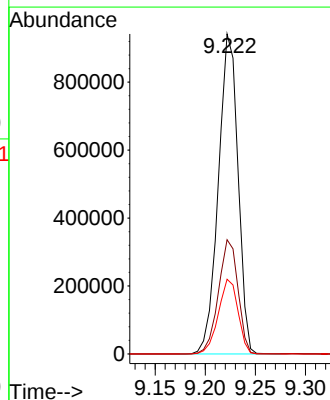
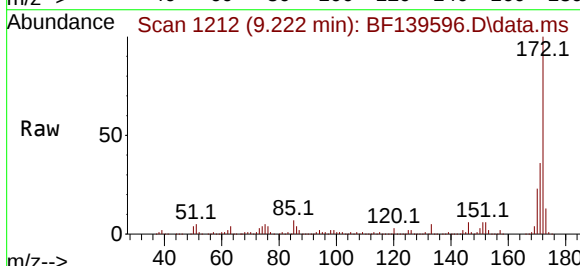
Tgt Ion:172 Resp: 1281997

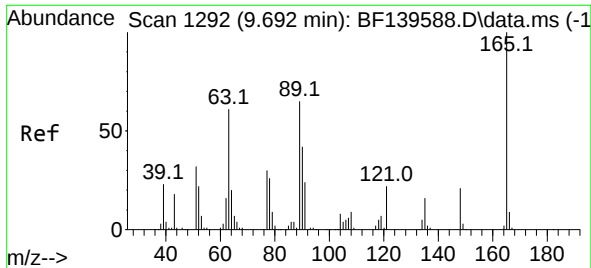
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.4

170 23.4 18.8 28.2

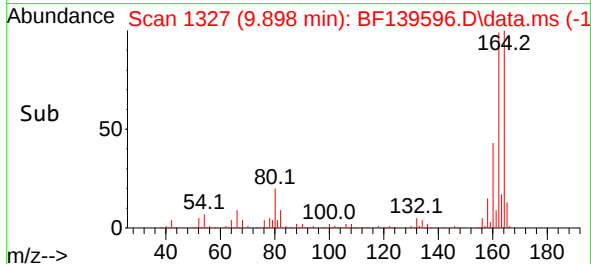
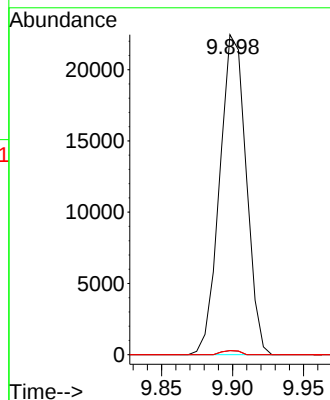
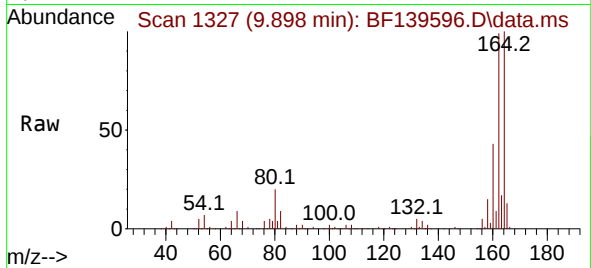




#51
2,6-Dinitrotoluene
Concen: 8.779 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14

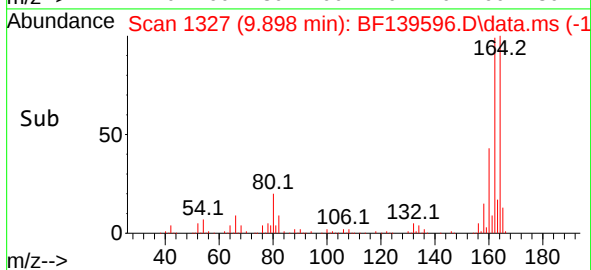
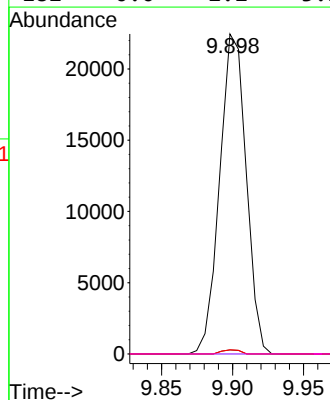
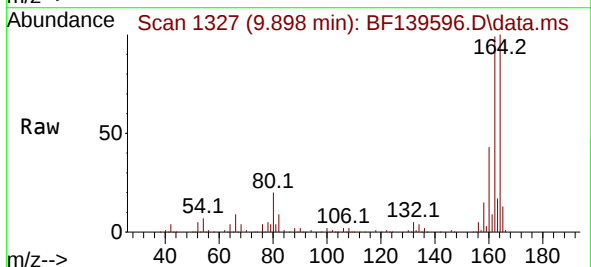
Instrument :
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ClientSampleId :
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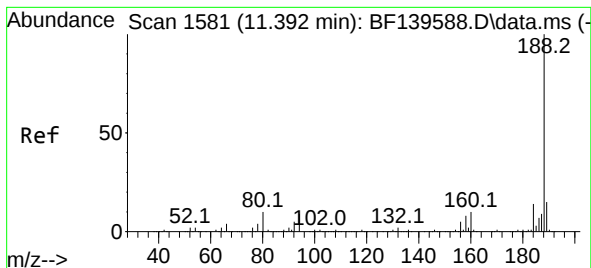
Tgt Ion:165 Resp: 29104
Ion Ratio Lower Upper
165 100
63 1.3 56.7 85.1#
89 1.3 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.716 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14

Tgt Ion:165 Resp: 29104
Ion Ratio Lower Upper
165 100
63 1.3 46.9 70.3#
89 1.3 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: BF139596.D

Acq: 02 Oct 2024 10:14

Instrument :

BNA_F

ClientSampleId :

PB163784BL

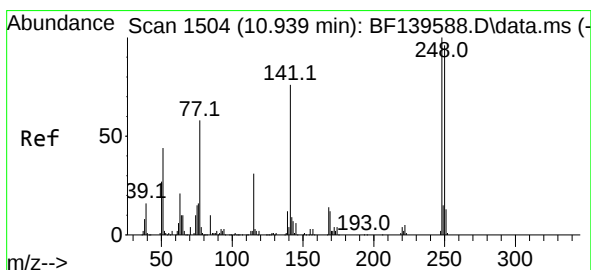
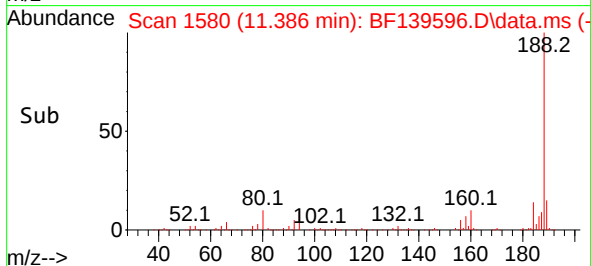
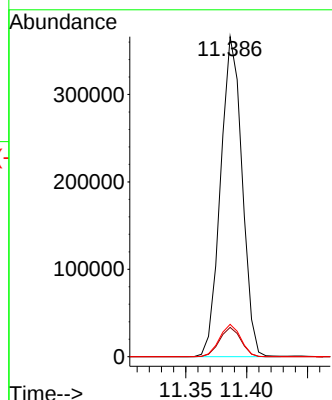
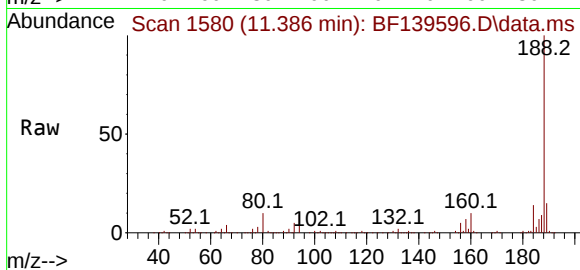
Tgt Ion:188 Resp: 451052

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.1 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.431 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139596.D

Acq: 02 Oct 2024 10:14

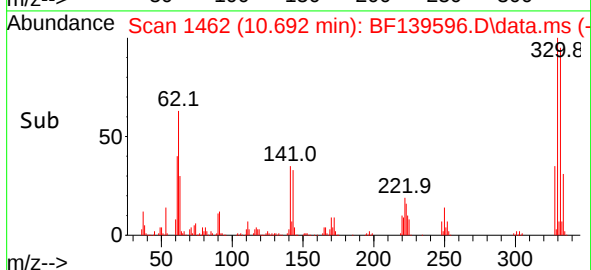
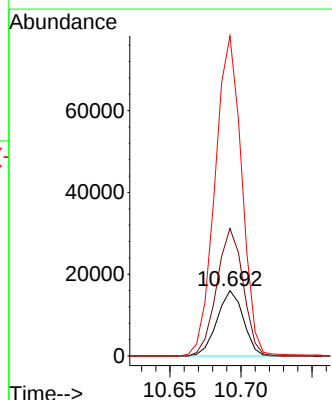
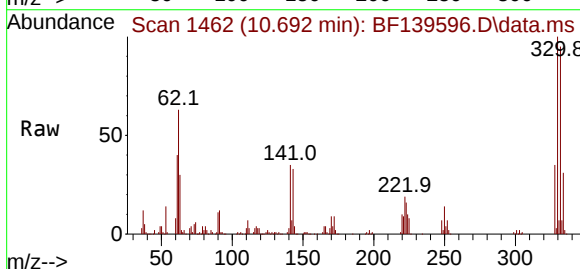
Tgt Ion:248 Resp: 20490

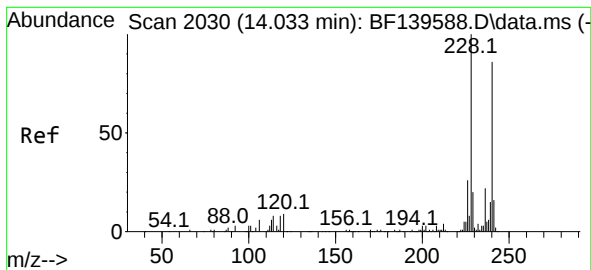
Ion Ratio Lower Upper

248 100

250 195.2 77.1 115.7#

141 490.1 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139596.D

Acq: 02 Oct 2024 10:14

Instrument :

BNA_F

ClientSampleId :

PB163784BL

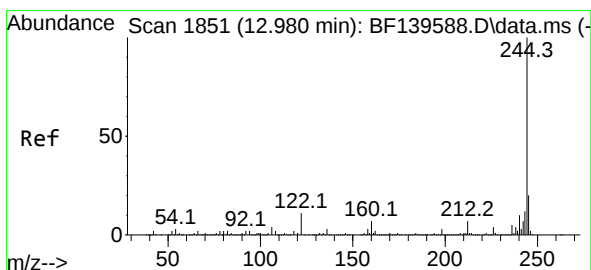
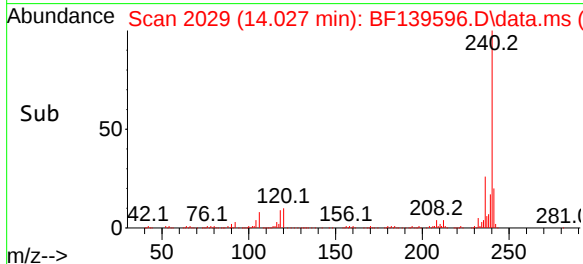
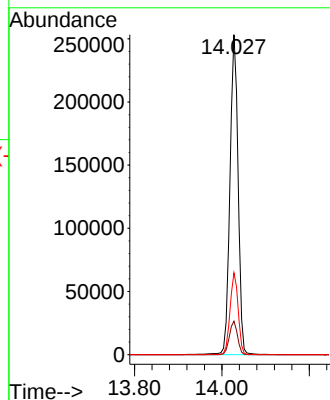
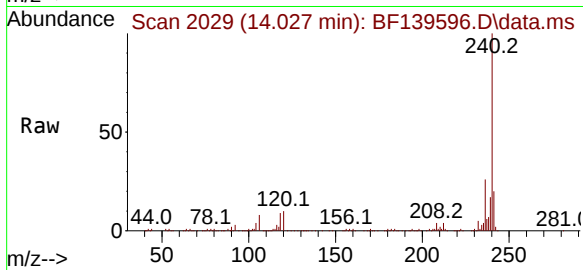
Tgt Ion:240 Resp: 325892

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

236 25.6 20.3 30.5



#79

Terphenyl-d14

Concen: 81.809 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139596.D

Acq: 02 Oct 2024 10:14

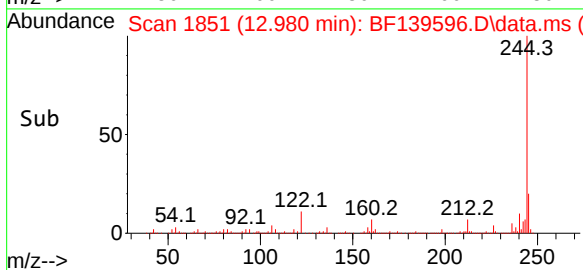
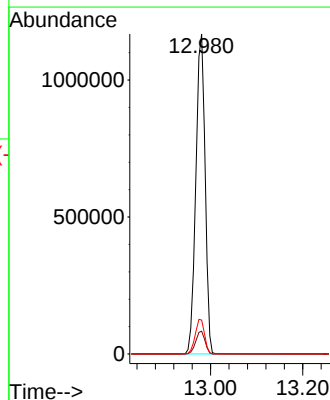
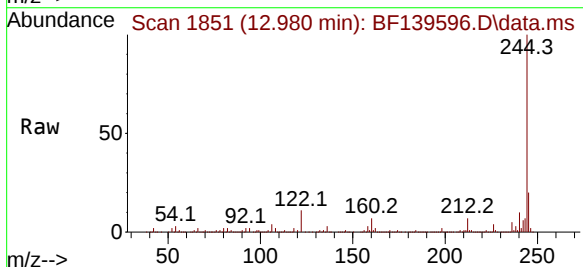
Tgt Ion:244 Resp: 1624836

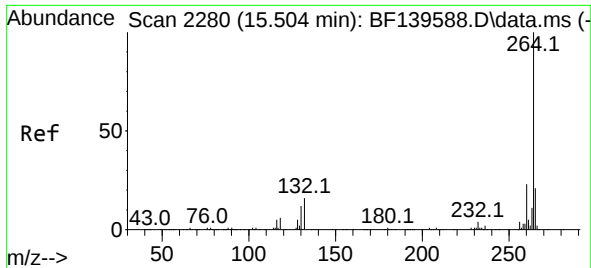
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.6 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139596.D
Acq: 02 Oct 2024 10:14

Instrument :
BNA_F
ClientSampleId :
PB163784BL

Tgt Ion:264 Resp: 258263

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.6	16.9	25.3

