

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139494.D
 Acq On : 20 Sep 2024 10:40
 Operator : RC/JU
 Sample : PB163454BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163454BL

Quant Time: Sep 20 11:16:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

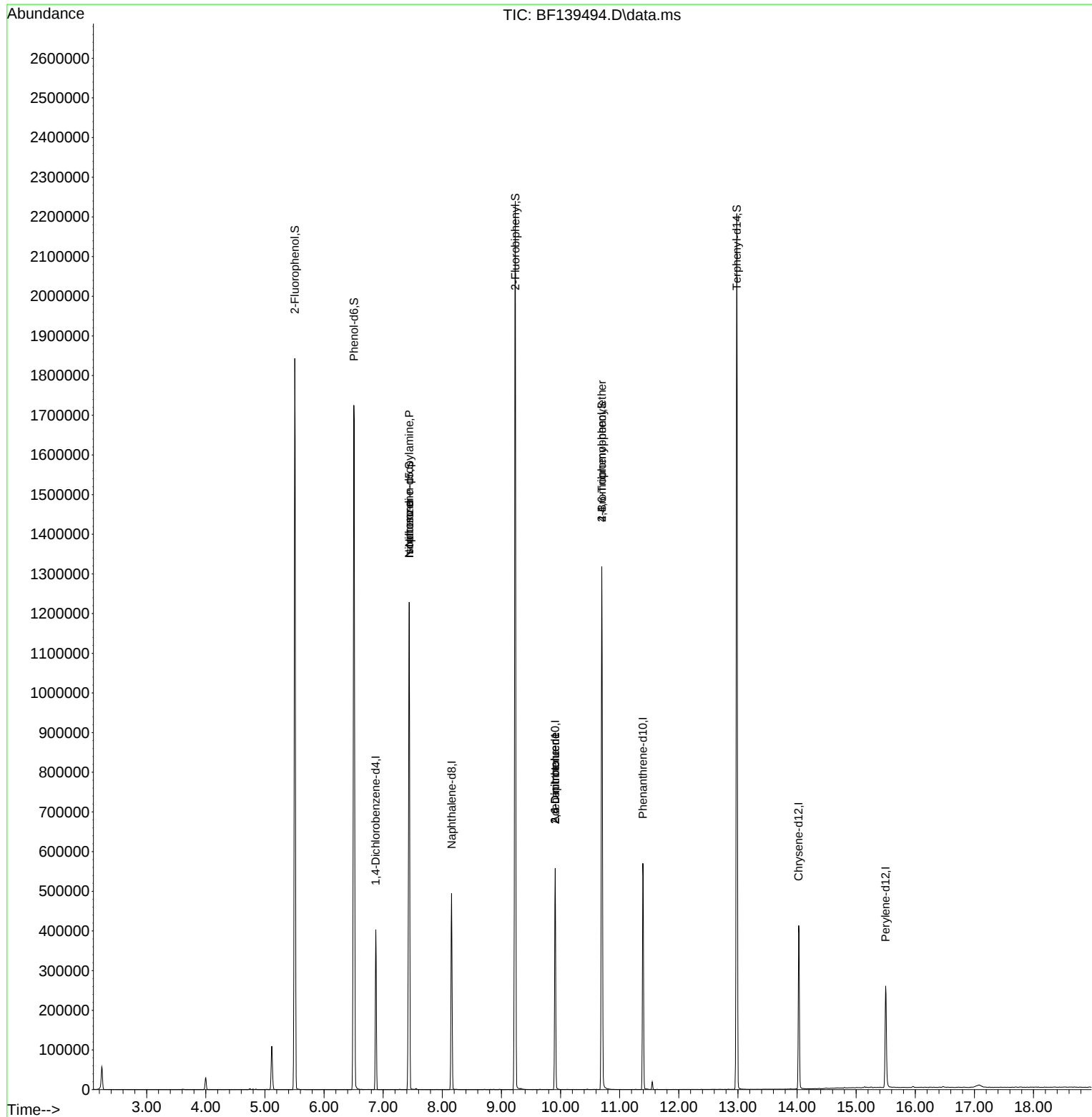
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	78344	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	298318	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	160737	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	308614	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	202209	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	161841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	631147	131.423	ng	0.01
7) Phenol-d6	6.504	99	824274	130.765	ng	0.00
23) Nitrobenzene-d5	7.440	82	548815	86.487	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	208554	121.873	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	992591	86.609	ng	0.00
79) Terphenyl-d14	12.980	244	1077018	87.425	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	76830	20.568	ng	# 74
25) Isophorone	7.440	82	547117	54.517	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	20451	8.751	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	20451	6.481	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	13815	4.517	ng	# 1

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

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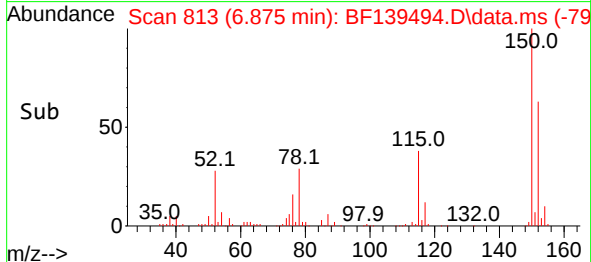
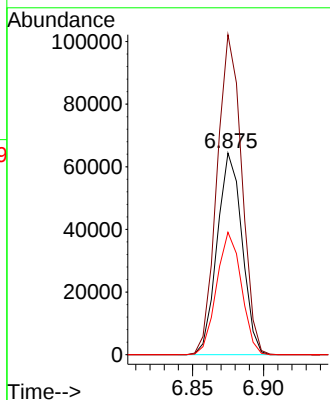
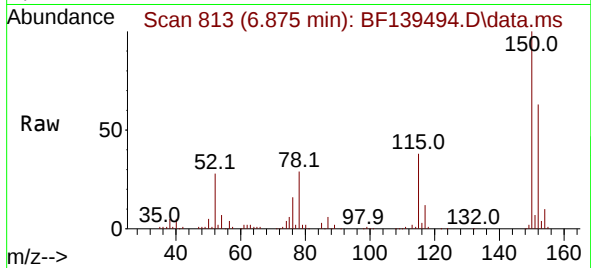




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139494.D
Acq: 20 Sep 2024 10:40

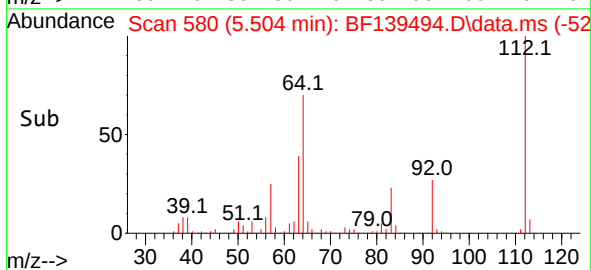
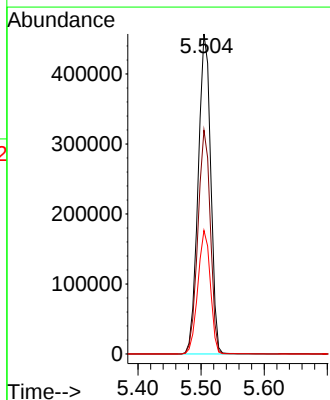
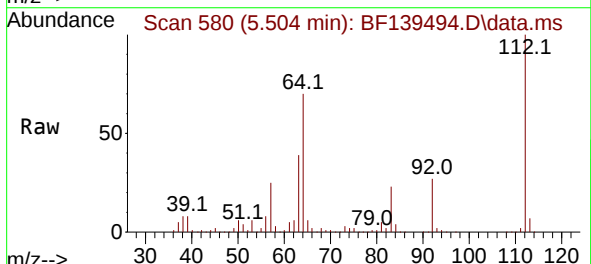
Instrument :
BNA_F
ClientSampleId :
PB163454BL

Tgt Ion:152 Resp: 78344
Ion Ratio Lower Upper
152 100
150 158.7 124.1 186.1
115 60.7 48.1 72.1



#5
2-Fluorophenol
Concen: 131.423 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139494.D
Acq: 20 Sep 2024 10:40

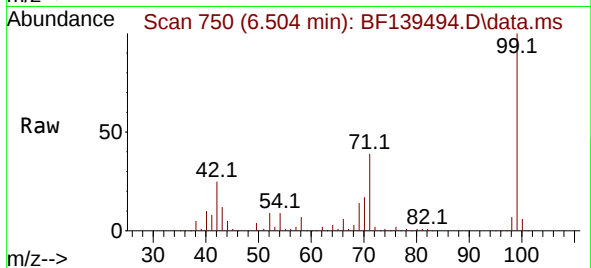
Tgt Ion:112 Resp: 631147
Ion Ratio Lower Upper
112 100
64 70.0 54.8 82.2
63 38.6 33.0 49.4



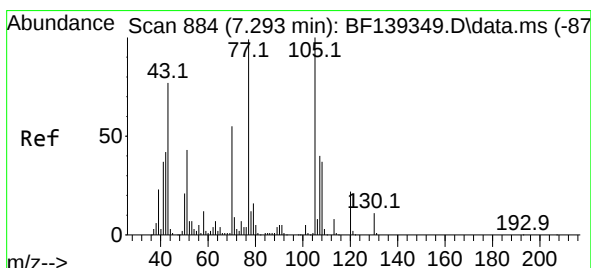
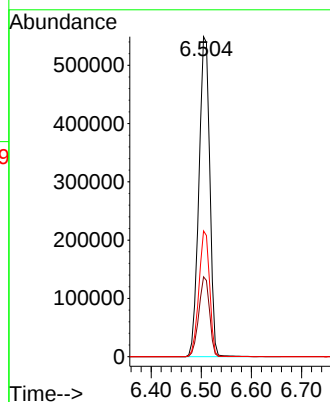
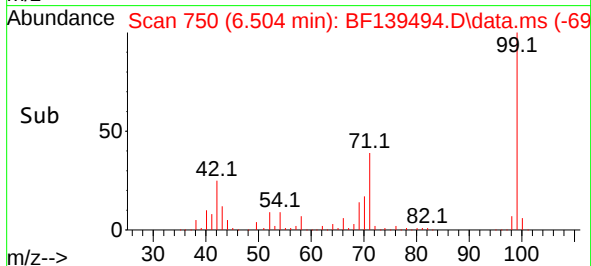


#7
Phenol-d6
Concen: 130.765 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139494.D
Acq: 20 Sep 2024 10:40

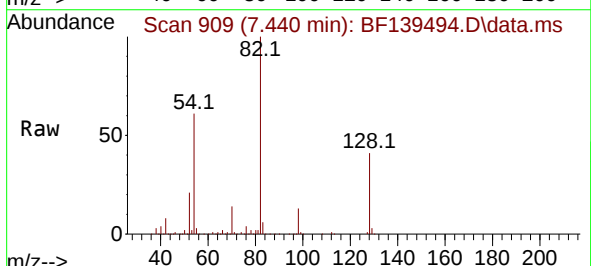
Instrument :
BNA_F
ClientSampleId :
PB163454BL



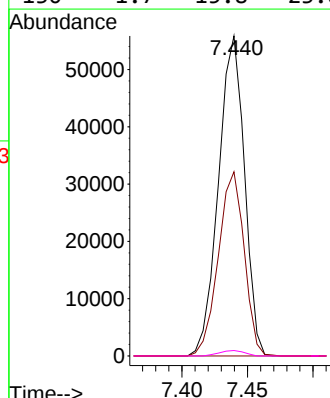
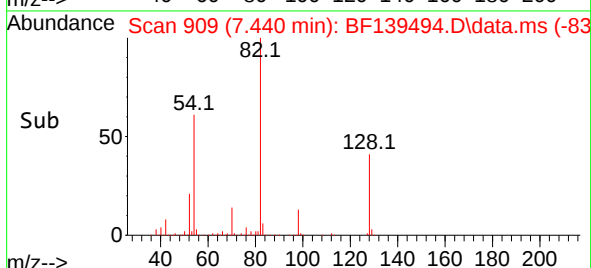
Tgt Ion: 99 Resp: 824274
Ion Ratio Lower Upper
99 100
42 25.0 21.9 32.9
71 39.3 34.6 52.0

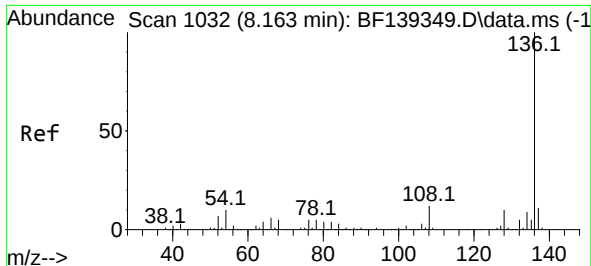


#19
n-Nitroso-di-n-propylamine
Concen: 20.568 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139494.D
Acq: 20 Sep 2024 10:40



Tgt Ion: 70 Resp: 76830
Ion Ratio Lower Upper
70 100
42 57.6 61.2 91.8#
101 0.0 7.5 11.3#
130 1.7 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF139494.D

Acq: 20 Sep 2024 10:40

Instrument :

BNA_F

ClientSampleId :

PB163454BL

Tgt Ion:136 Resp: 298318

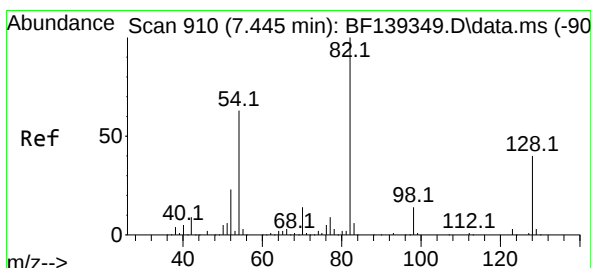
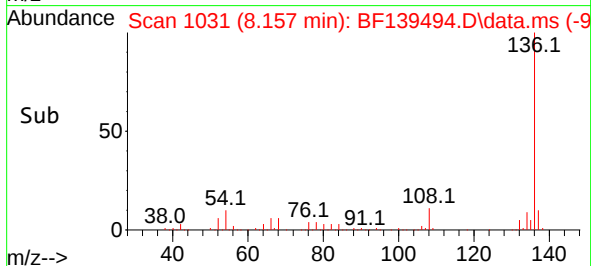
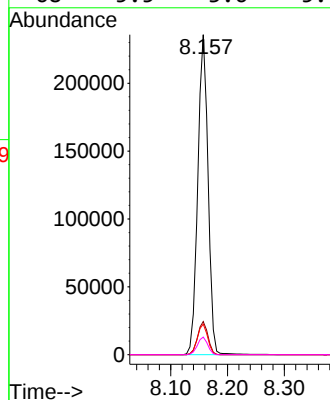
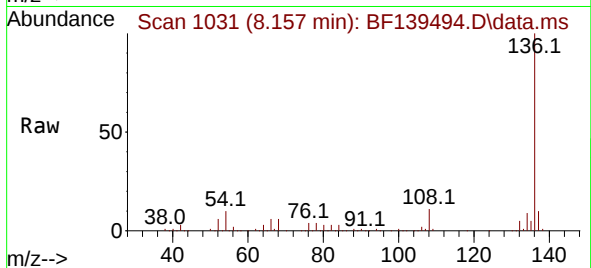
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 9.5 7.8 11.8

68 5.5 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 86.487 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139494.D

Acq: 20 Sep 2024 10:40

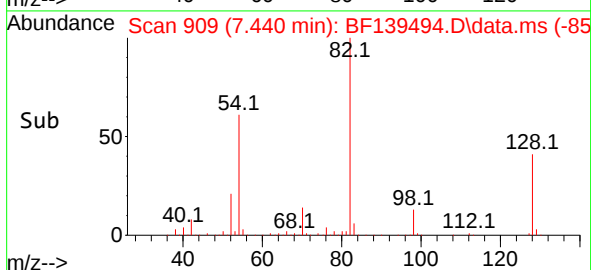
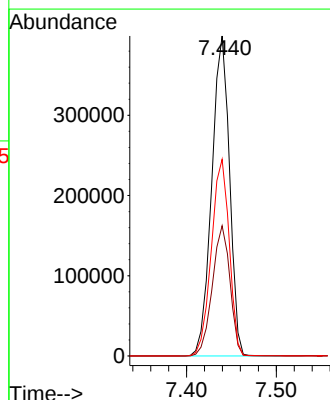
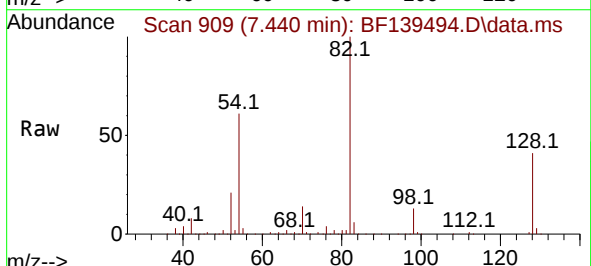
Tgt Ion: 82 Resp: 548815

Ion Ratio Lower Upper

82 100

128 40.7 31.8 47.6

54 61.4 50.6 75.8

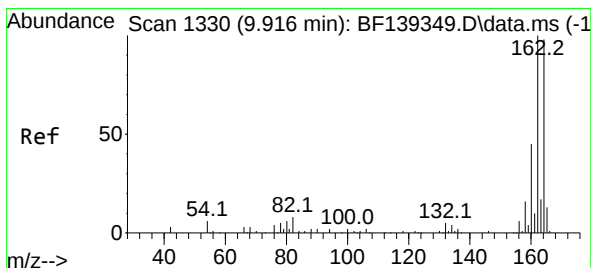
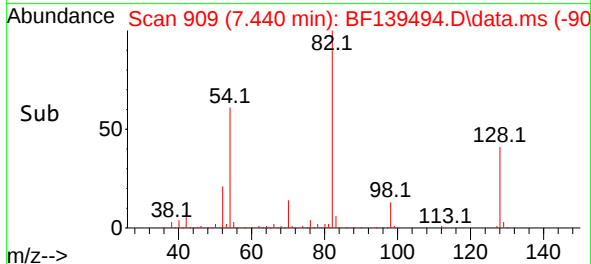
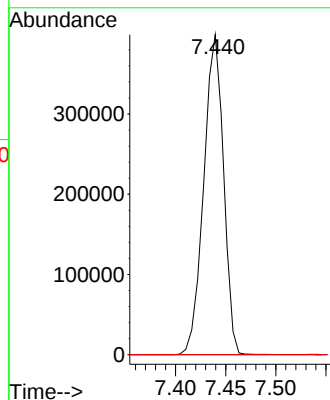
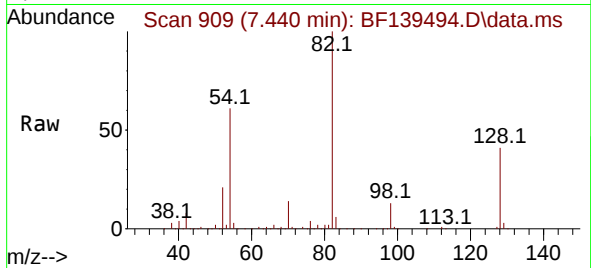




#25
Isophorone
Concen: 54.517 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139494.D
Acq: 20 Sep 2024 10:40

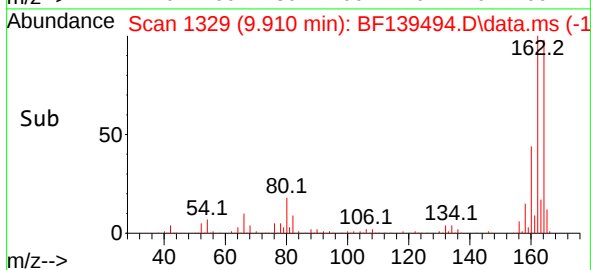
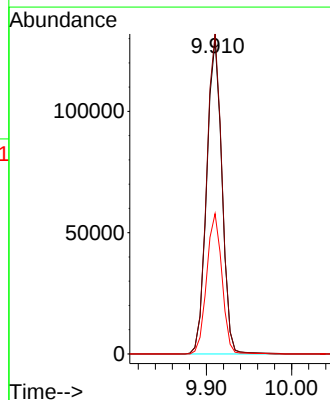
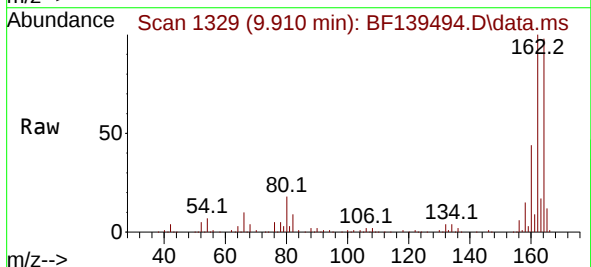
Instrument :
BNA_F
ClientSampleId :
PB163454BL

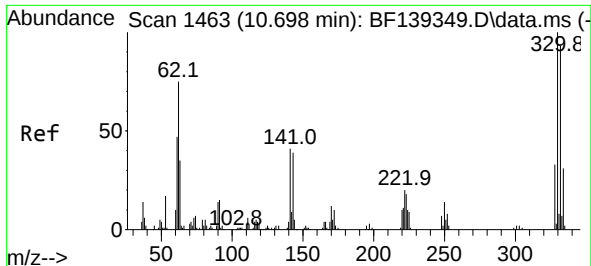
Tgt Ion: 82 Resp: 547117
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139494.D
Acq: 20 Sep 2024 10:40

Tgt Ion:164 Resp: 160737
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 44.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 121.873 ng

RT: 10.698 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF139494.D

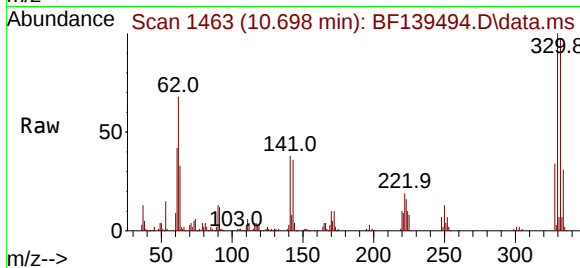
Acq: 20 Sep 2024 10:40

Instrument :

BNA_F

ClientSampleId :

PB163454BL



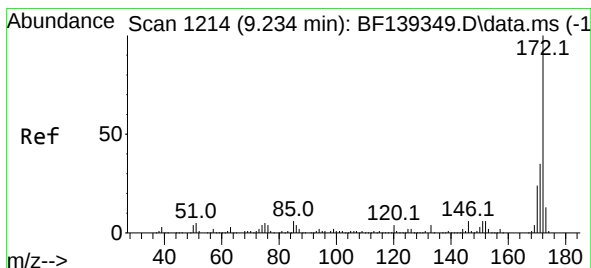
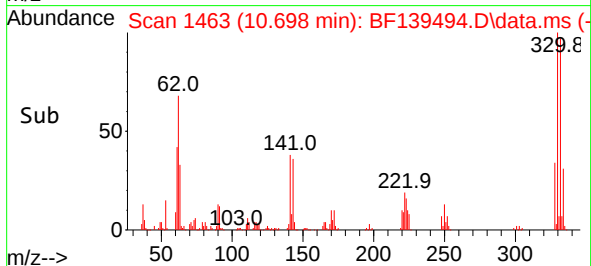
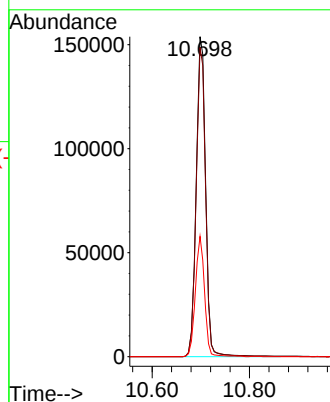
Tgt Ion:330 Resp: 208554

Ion Ratio Lower Upper

330 100

332 96.2 75.2 112.8

141 36.6 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 86.609 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF139494.D

Acq: 20 Sep 2024 10:40

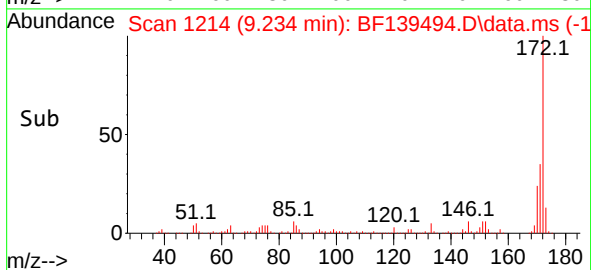
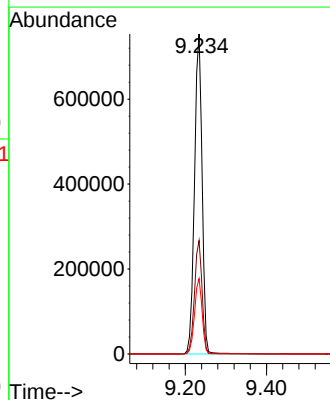
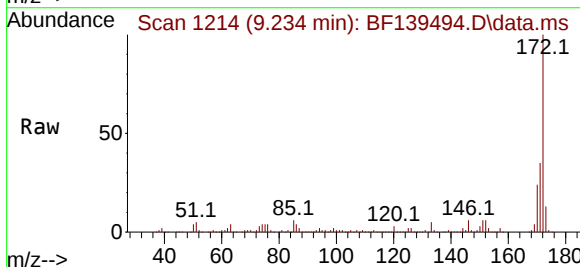
Tgt Ion:172 Resp: 992591

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 19.0 28.6

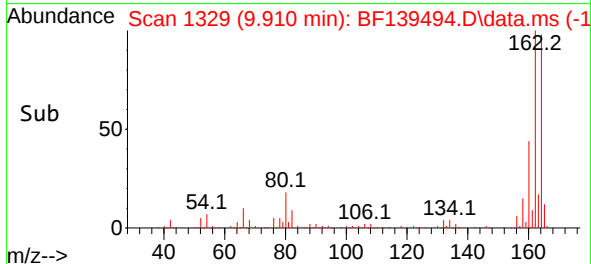
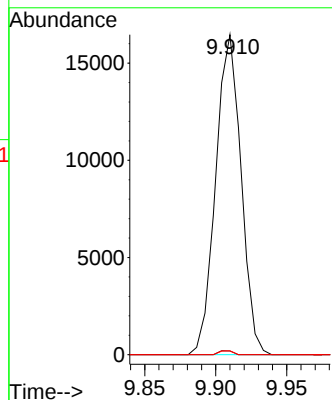
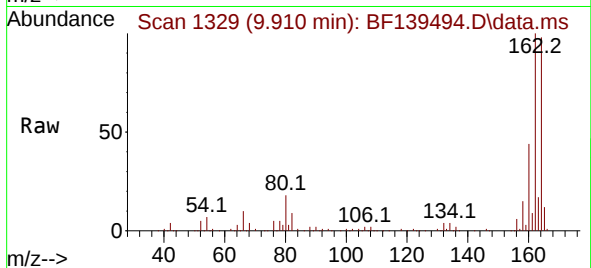




#51
2,6-Dinitrotoluene
Concen: 8.751 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139494.D
Acq: 20 Sep 2024 10:40

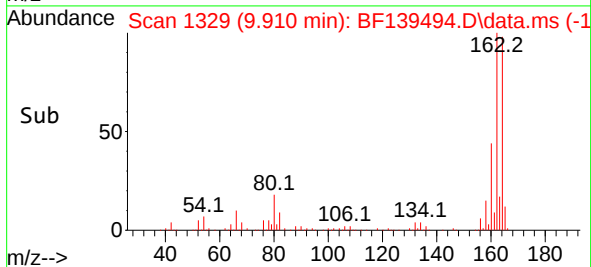
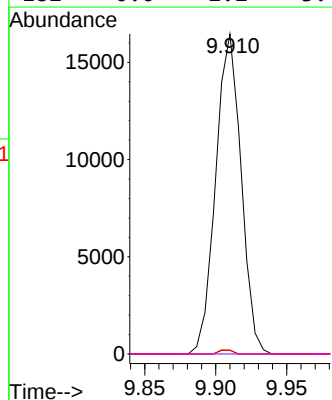
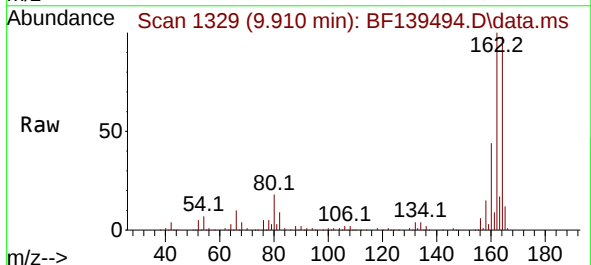
Instrument :
BNA_F
ClientSampleId :
PB163454BL

Tgt Ion:165 Resp: 20451
Ion Ratio Lower Upper
165 100
63 1.2 60.9 91.3#
89 1.2 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.481 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139494.D
Acq: 20 Sep 2024 10:40

Tgt Ion:165 Resp: 20451
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.6#
89 1.2 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139494.D

Acq: 20 Sep 2024 10:40

Instrument :

BNA_F

ClientSampleId :

PB163454BL

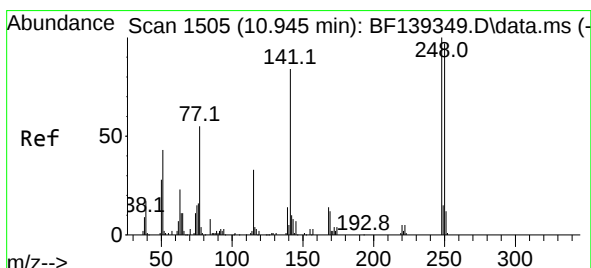
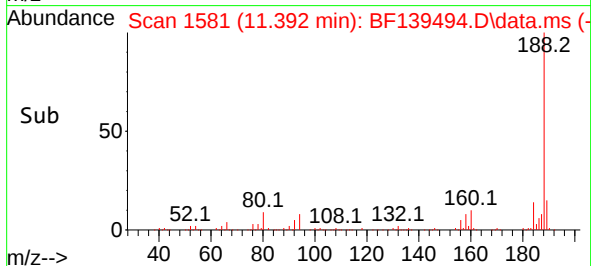
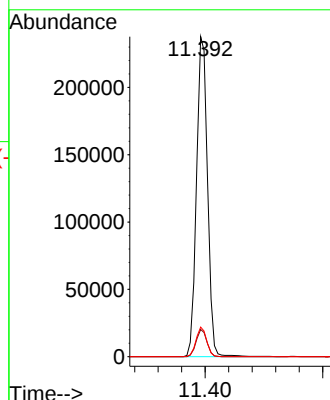
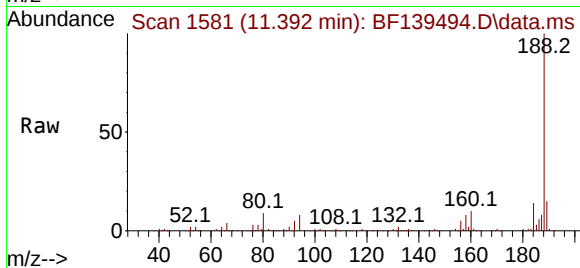
Tgt Ion:188 Resp: 308614

Ion Ratio Lower Upper

188 100

94 8.5 5.5 8.3#

80 9.2 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 4.517 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139494.D

Acq: 20 Sep 2024 10:40

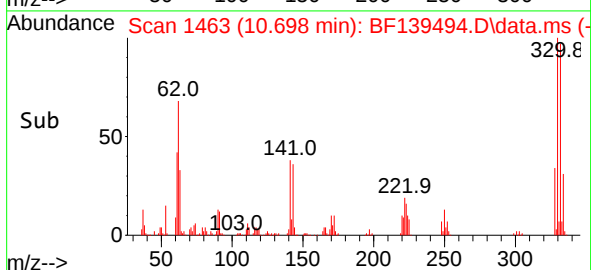
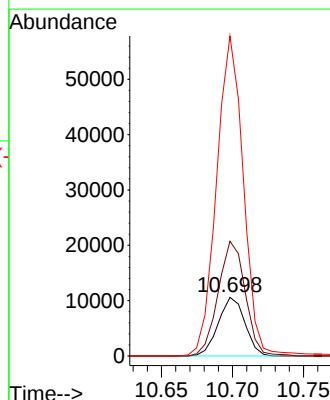
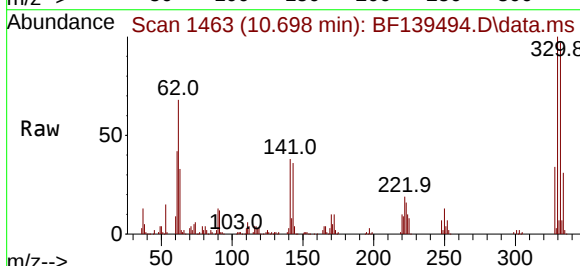
Tgt Ion:248 Resp: 13815

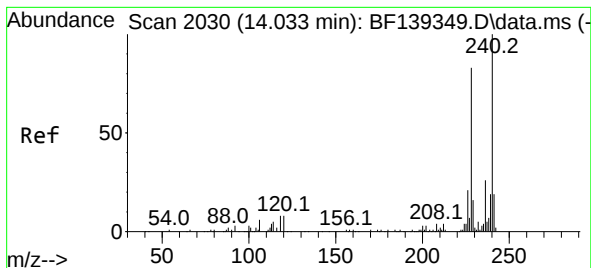
Ion Ratio Lower Upper

248 100

250 195.9 77.6 116.4#

141 546.0 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139494.D

Acq: 20 Sep 2024 10:40

Instrument :

BNA_F

ClientSampleId :

PB163454BL

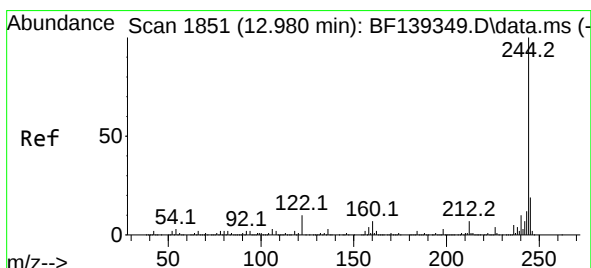
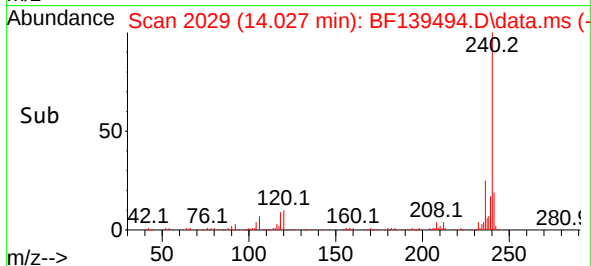
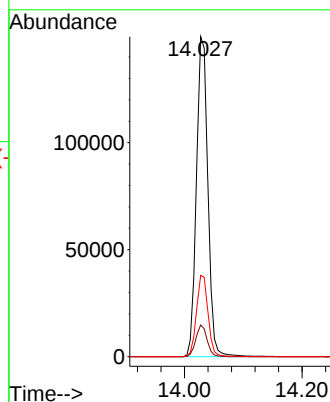
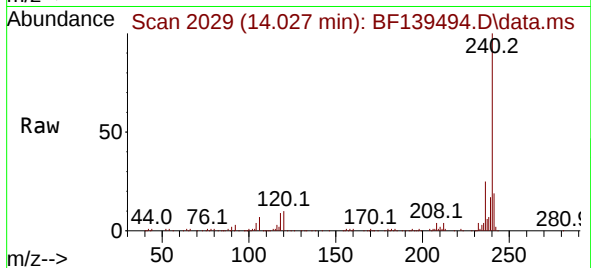
Tgt Ion:240 Resp: 202209

Ion Ratio Lower Upper

240 100

120 9.9 6.2 9.2#

236 25.4 20.9 31.3



#79

Terphenyl-d14

Concen: 87.425 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139494.D

Acq: 20 Sep 2024 10:40

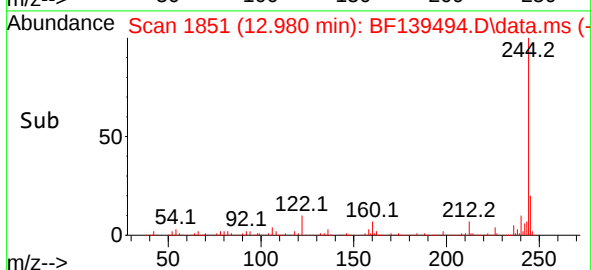
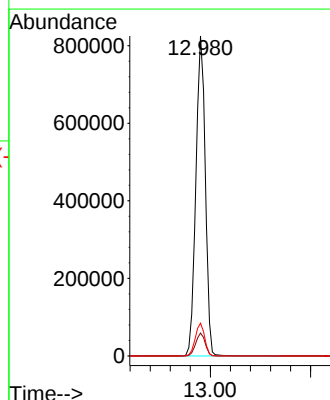
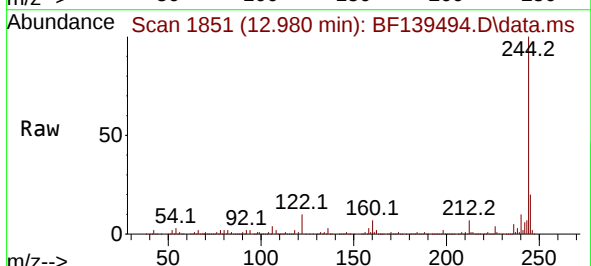
Tgt Ion:244 Resp: 1077018

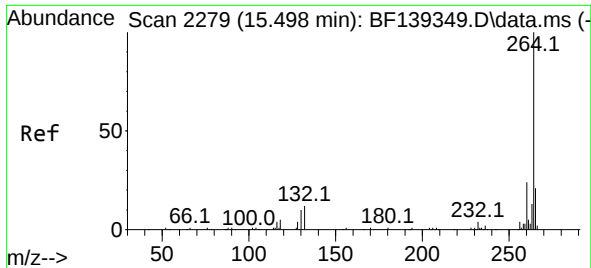
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.2 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139494.D
 Acq: 20 Sep 2024 10:40

Instrument :
 BNA_F
 ClientSampleId :
 PB163454BL

Tgt Ion:264 Resp: 161841
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.3 16.6 25.0

