

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139013.D
 Acq On : 15 Aug 2024 10:16
 Operator : RC/JU
 Sample : PB162727BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162727BL

Quant Time: Aug 15 11:41:47 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)

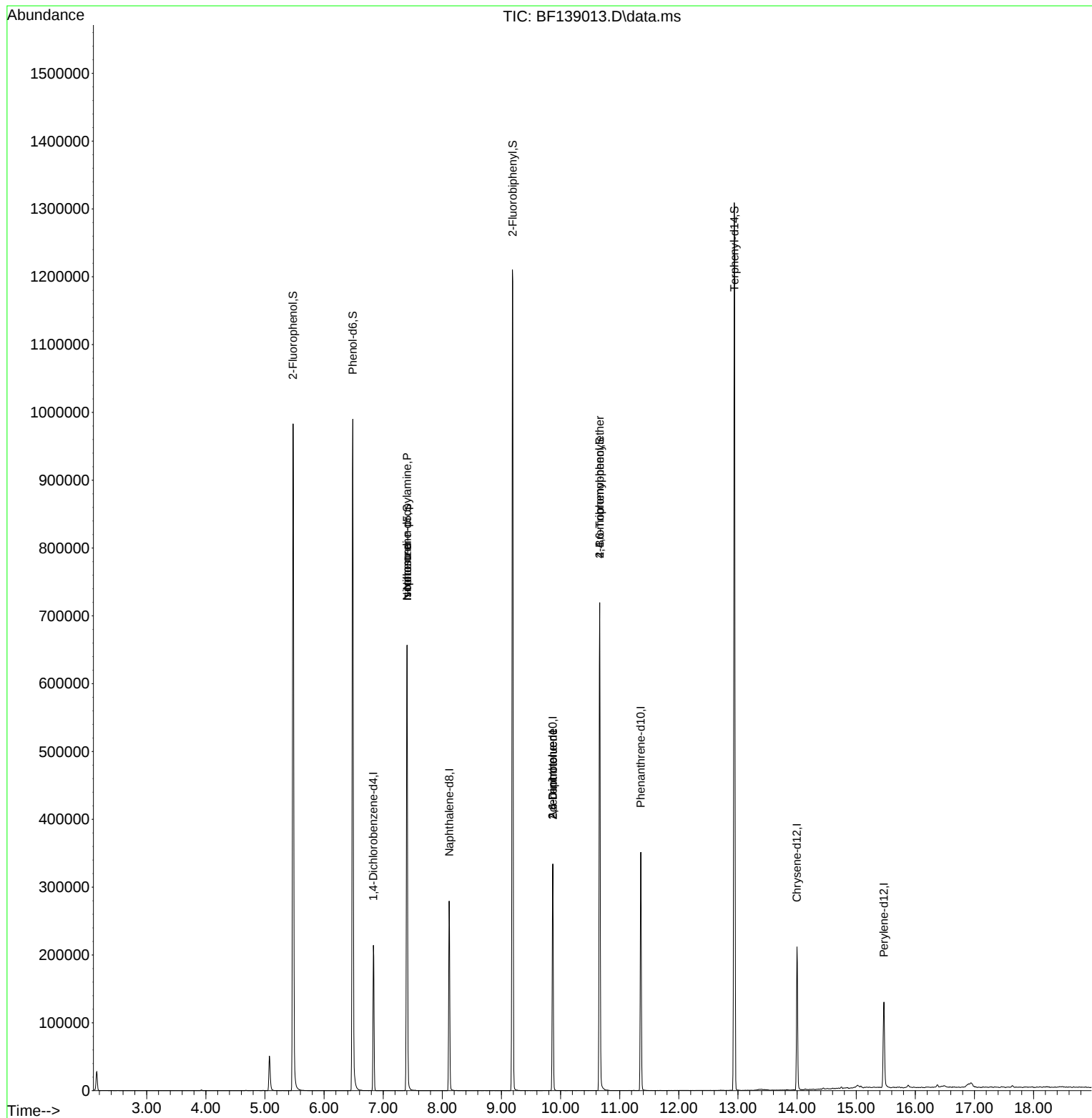
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	40475	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	168083	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	97020	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	180005	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	100839	20.000	ng	0.00
86) Perylene-d12	15.468	264	78284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	327469	124.891	ng	0.00
7) Phenol-d6	6.487	99	430473	122.281	ng	0.00
23) Nitrobenzene-d5	7.404	82	282181	82.080	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	99905	125.710	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	526114	81.476	ng	-0.01
79) Terphenyl-d14	12.939	244	620708	103.059	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	39781	18.710	ng	# 80
25) Isophorone	7.404	82	282179	48.069	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11993	8.566	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	11993	6.714	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7328	3.760	ng	# 1

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

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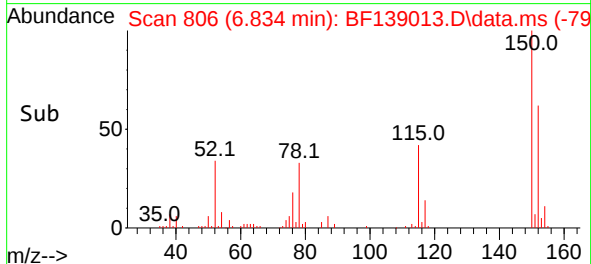
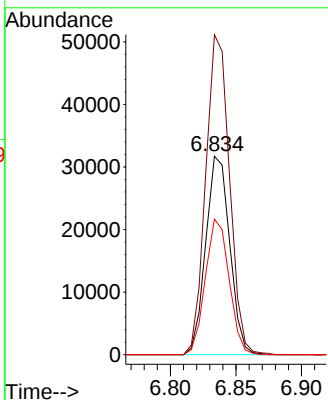
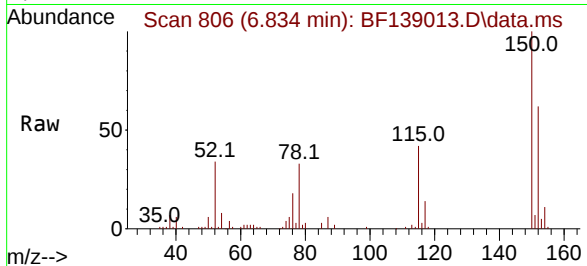




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139013.D
Acq: 15 Aug 2024 10:16

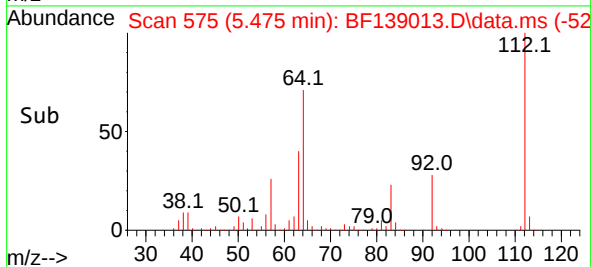
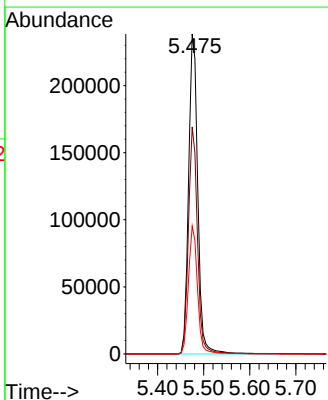
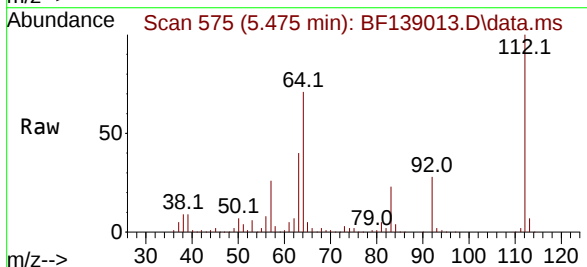
Instrument :
BNA_F
ClientSampleId :
PB162727BL

Tgt Ion:152 Resp: 40475
Ion Ratio Lower Upper
152 100
150 161.2 126.0 189.0
115 68.3 51.7 77.5



#5
2-Fluorophenol
Concen: 124.891 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139013.D
Acq: 15 Aug 2024 10:16

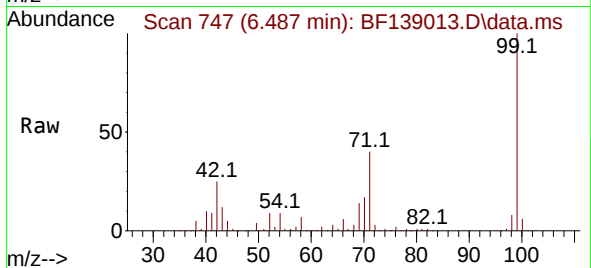
Tgt Ion:112 Resp: 327469
Ion Ratio Lower Upper
112 100
64 71.0 54.2 81.4
63 40.0 28.7 43.1



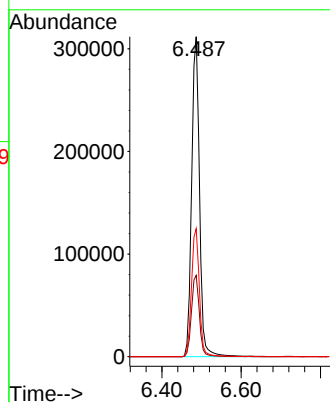
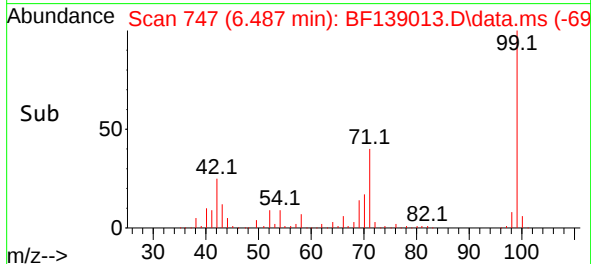


#7
Phenol-d6
Concen: 122.281 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF139013.D
Acq: 15 Aug 2024 10:16

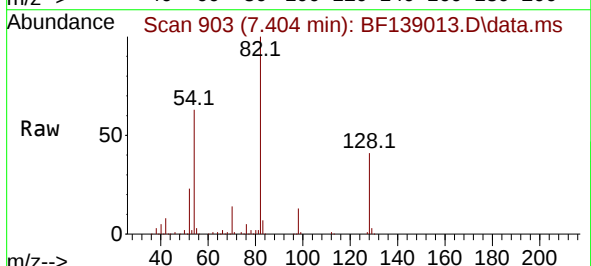
Instrument :
BNA_F
ClientSampleId :
PB162727BL



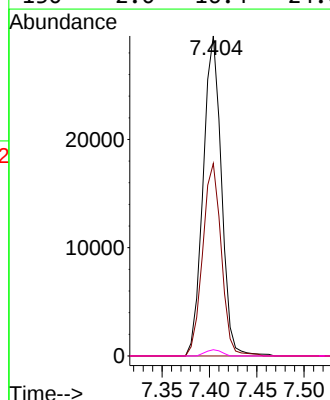
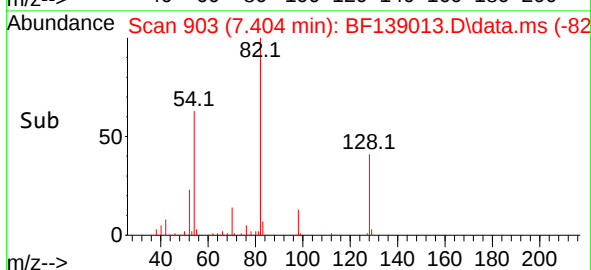
Tgt Ion: 99 Resp: 430473
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 40.0 28.1 42.1

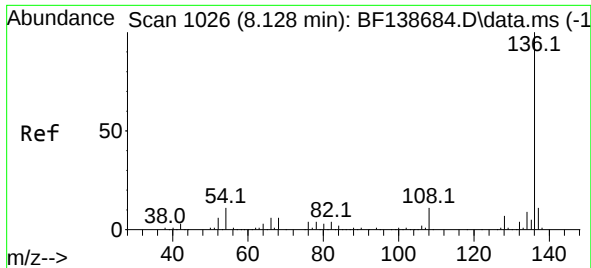


#19
n-Nitroso-di-n-propylamine
Concen: 18.710 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF139013.D
Acq: 15 Aug 2024 10:16



Tgt Ion: 70 Resp: 39781
Ion Ratio Lower Upper
70 100
42 60.2 57.4 86.0
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#





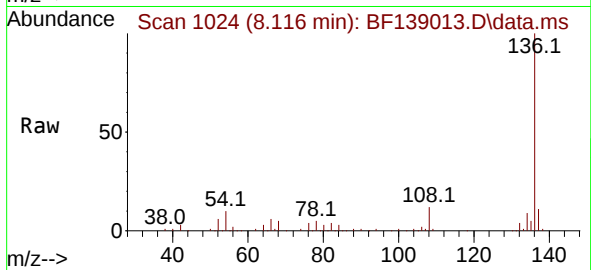
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139013.D
Acq: 15 Aug 2024 10:16

Instrument :

BNA_F

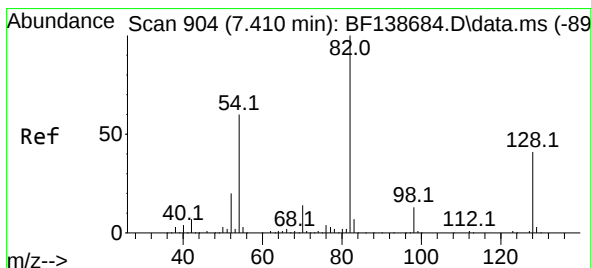
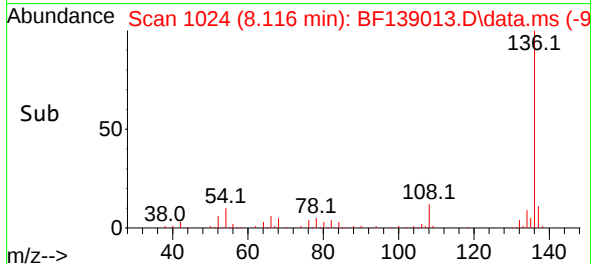
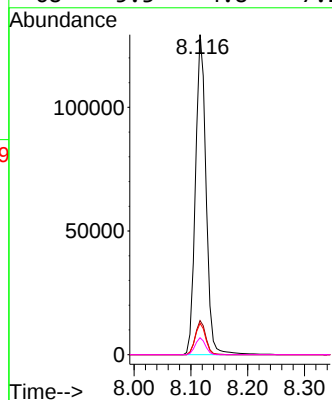
ClientSampleId :

PB162727BL



Tgt Ion:136 Resp: 168083

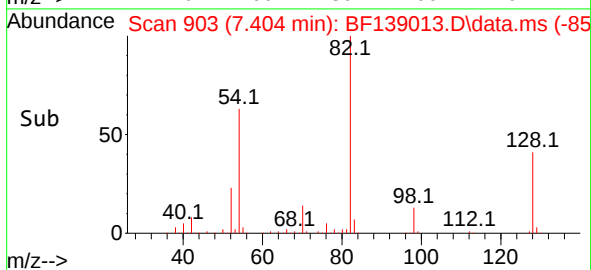
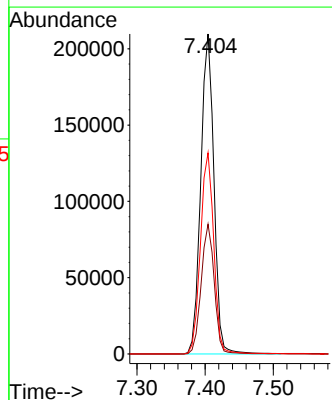
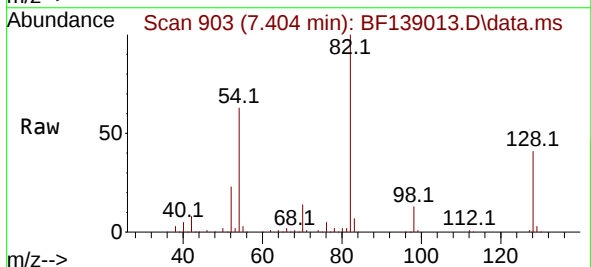
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.8	8.6	12.8
68	5.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 82.080 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF139013.D
Acq: 15 Aug 2024 10:16

Tgt Ion: 82 Resp: 282181

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.8	49.2
54	62.8	48.3	72.5

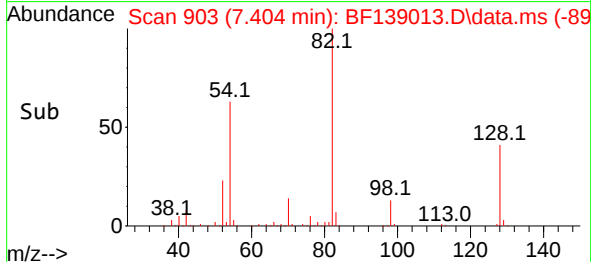
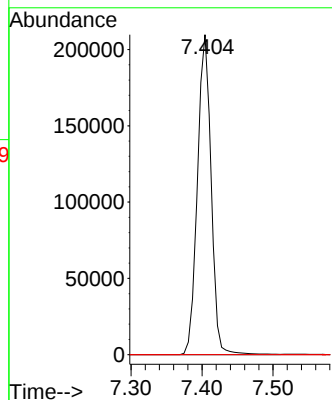
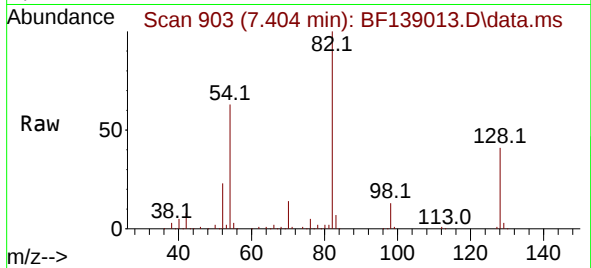




#25
Isophorone
Concen: 48.069 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139013.D
Acq: 15 Aug 2024 10:16

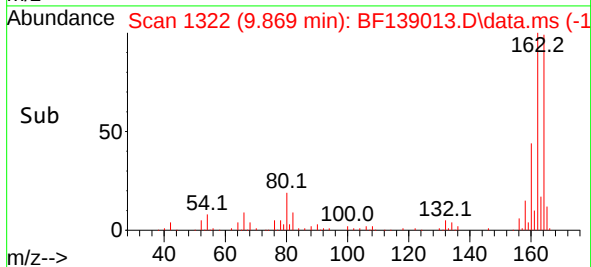
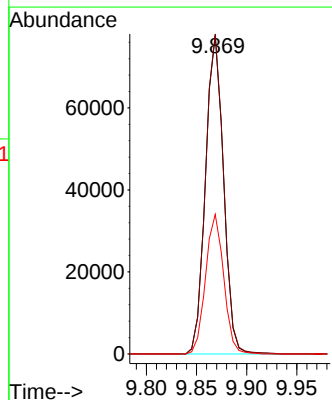
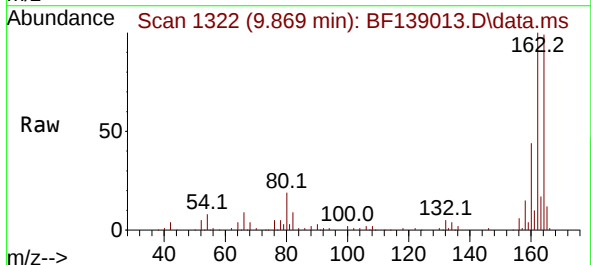
Instrument :
BNA_F
ClientSampleId :
PB162727BL

Tgt Ion: 82 Resp: 282179
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: BF139013.D
Acq: 15 Aug 2024 10:16

Tgt Ion:164 Resp: 97020
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.0
160 43.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 125.710 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139013.D

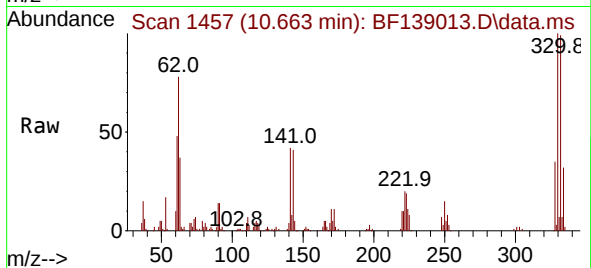
Acq: 15 Aug 2024 10:16

Instrument :

BNA_F

ClientSampleId :

PB162727BL



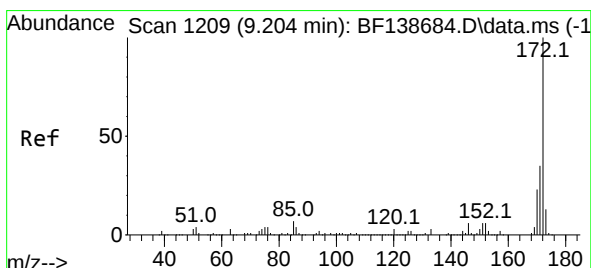
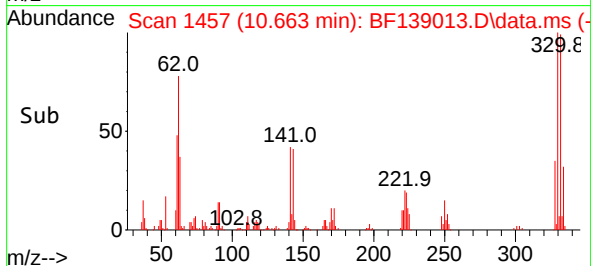
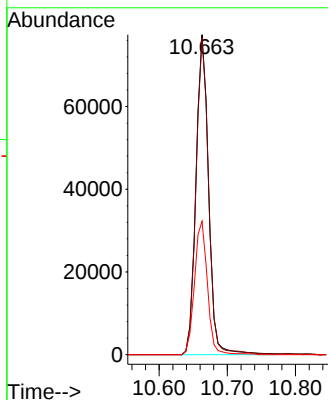
Tgt Ion:330 Resp: 99905

Ion Ratio Lower Upper

330 100

332 98.5 76.4 114.6

141 42.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 81.476 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF139013.D

Acq: 15 Aug 2024 10:16

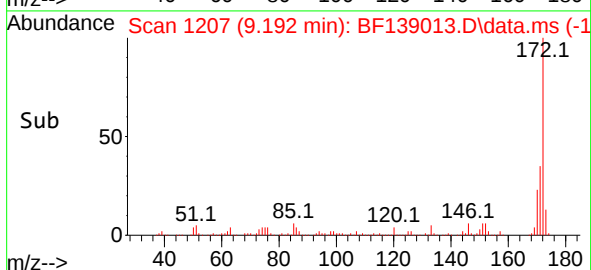
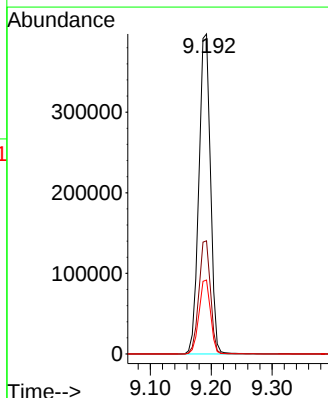
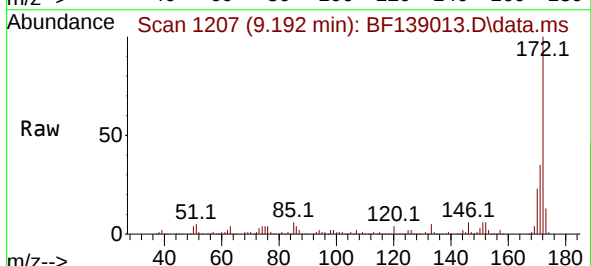
Tgt Ion:172 Resp: 526114

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.1 18.8 28.2

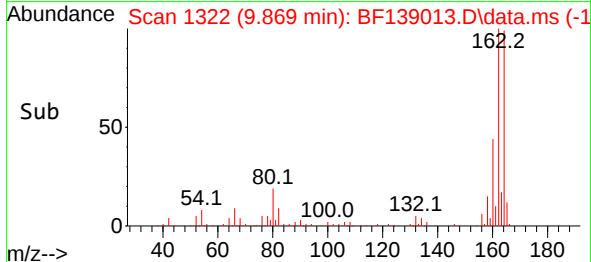
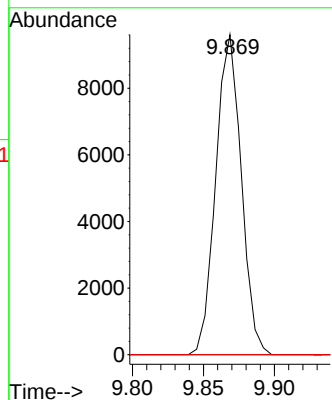
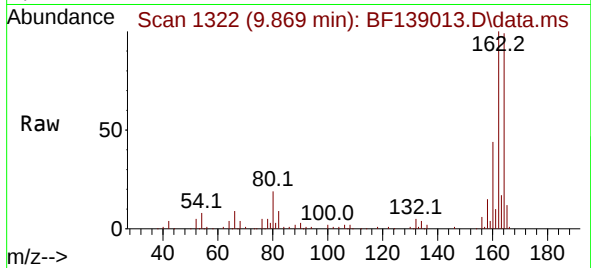




#51
2,6-Dinitrotoluene
Concen: 8.566 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF139013.D
Acq: 15 Aug 2024 10:16

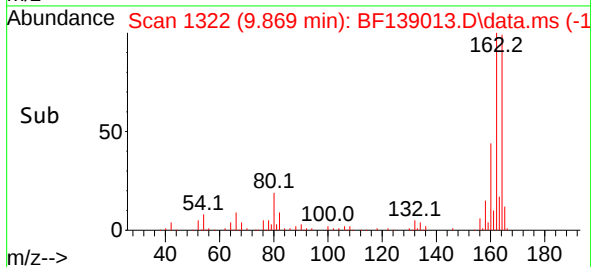
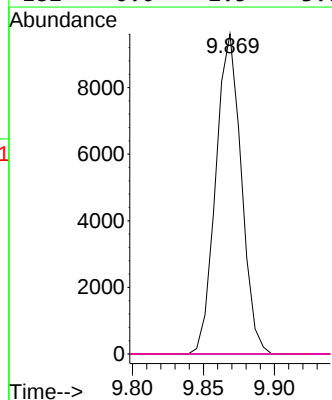
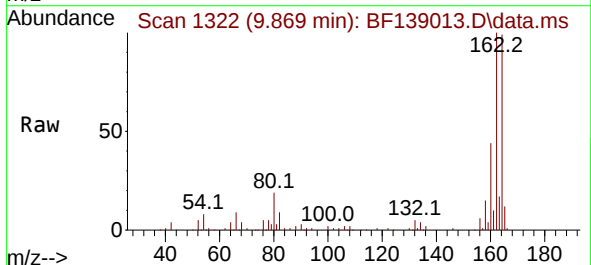
Instrument :
BNA_F
ClientSampleId :
PB162727BL

Tgt Ion:165 Resp: 11993
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: 6.714 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF139013.D
Acq: 15 Aug 2024 10:16

Tgt Ion:165 Resp: 11993
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# 11

Delta R.T. -0.012 min

Lab File: BF139013.D

Acq: 15 Aug 2024 10:16

Instrument :

BNA_F

ClientSampleId :

PB162727BL

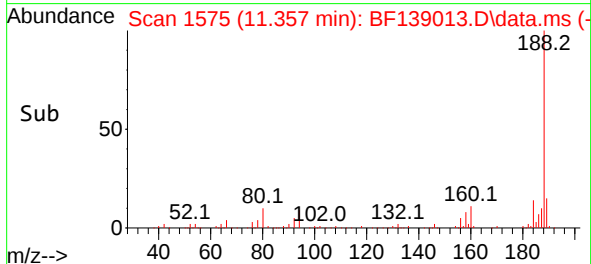
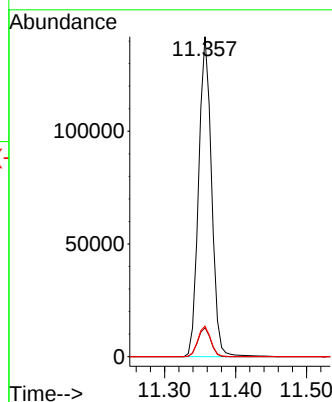
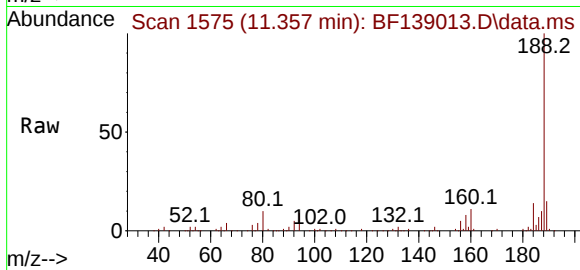
Tgt Ion:188 Resp: 180005

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.5 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.760 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF139013.D

Acq: 15 Aug 2024 10:16

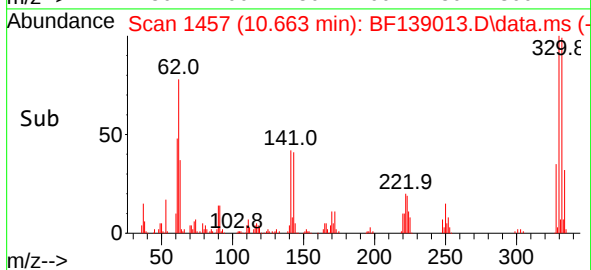
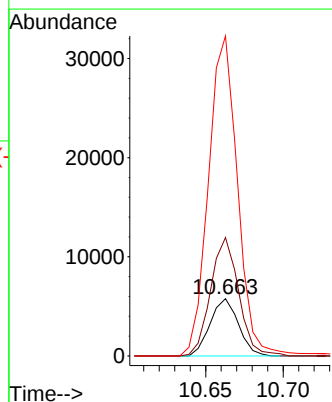
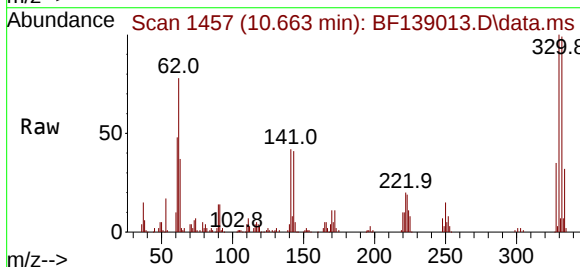
Tgt Ion:248 Resp: 7328

Ion Ratio Lower Upper

248 100

250 206.3 77.7 116.5#

141 557.9 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: BF139013.D

Acq: 15 Aug 2024 10:16

Instrument :

BNA_F

ClientSampleId :

PB162727BL

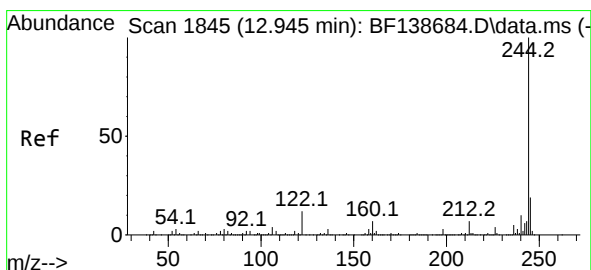
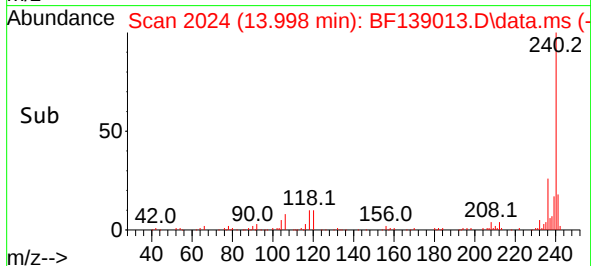
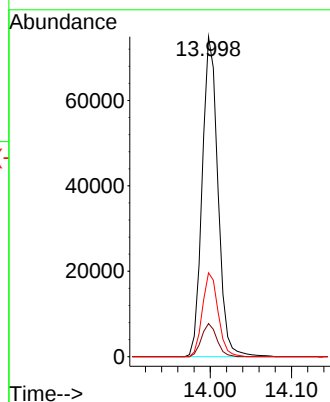
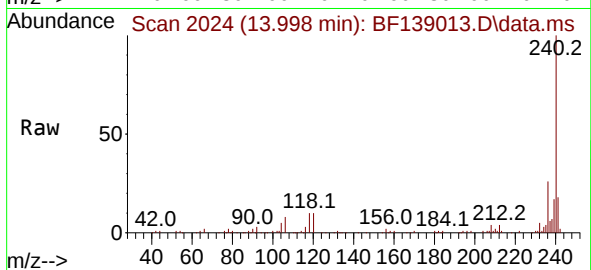
Tgt Ion:240 Resp: 100839

Ion Ratio Lower Upper

240 100

120 10.4 10.2 15.4

236 26.2 19.8 29.8



#79

Terphenyl-d14

Concen: 103.059 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139013.D

Acq: 15 Aug 2024 10:16

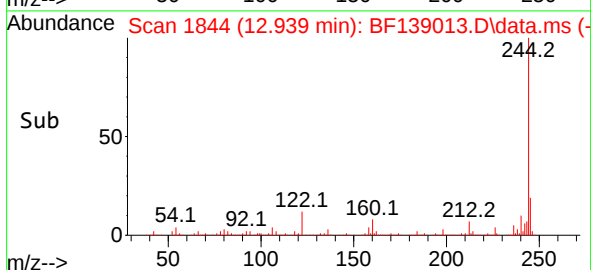
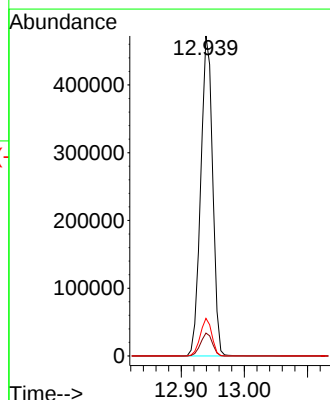
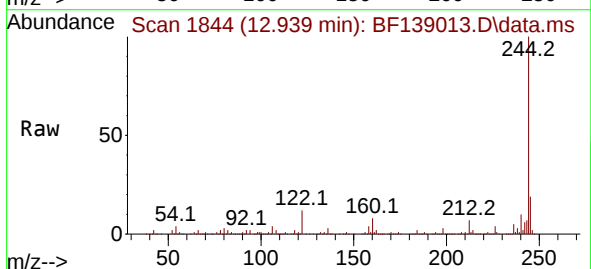
Tgt Ion:244 Resp: 620708

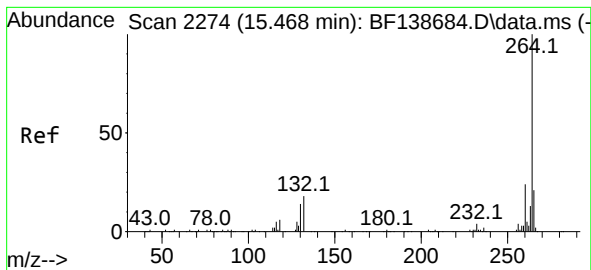
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.7 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139013.D

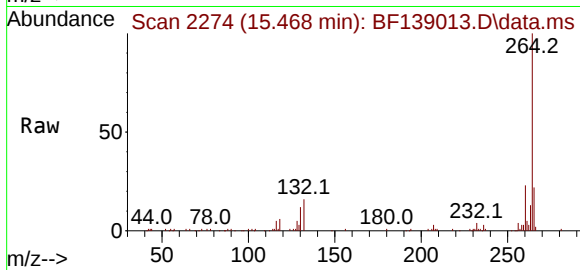
Acq: 15 Aug 2024 10:16

Instrument :

BNA_F

ClientSampleId :

PB162727BL



Tgt Ion:264 Resp: 78284

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 21.6 17.0 25.6

