

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139019.D
 Acq On : 15 Aug 2024 13:16
 Operator : RC/JU
 Sample : PB162621TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162621TB

Quant Time: Aug 15 13:42:42 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)

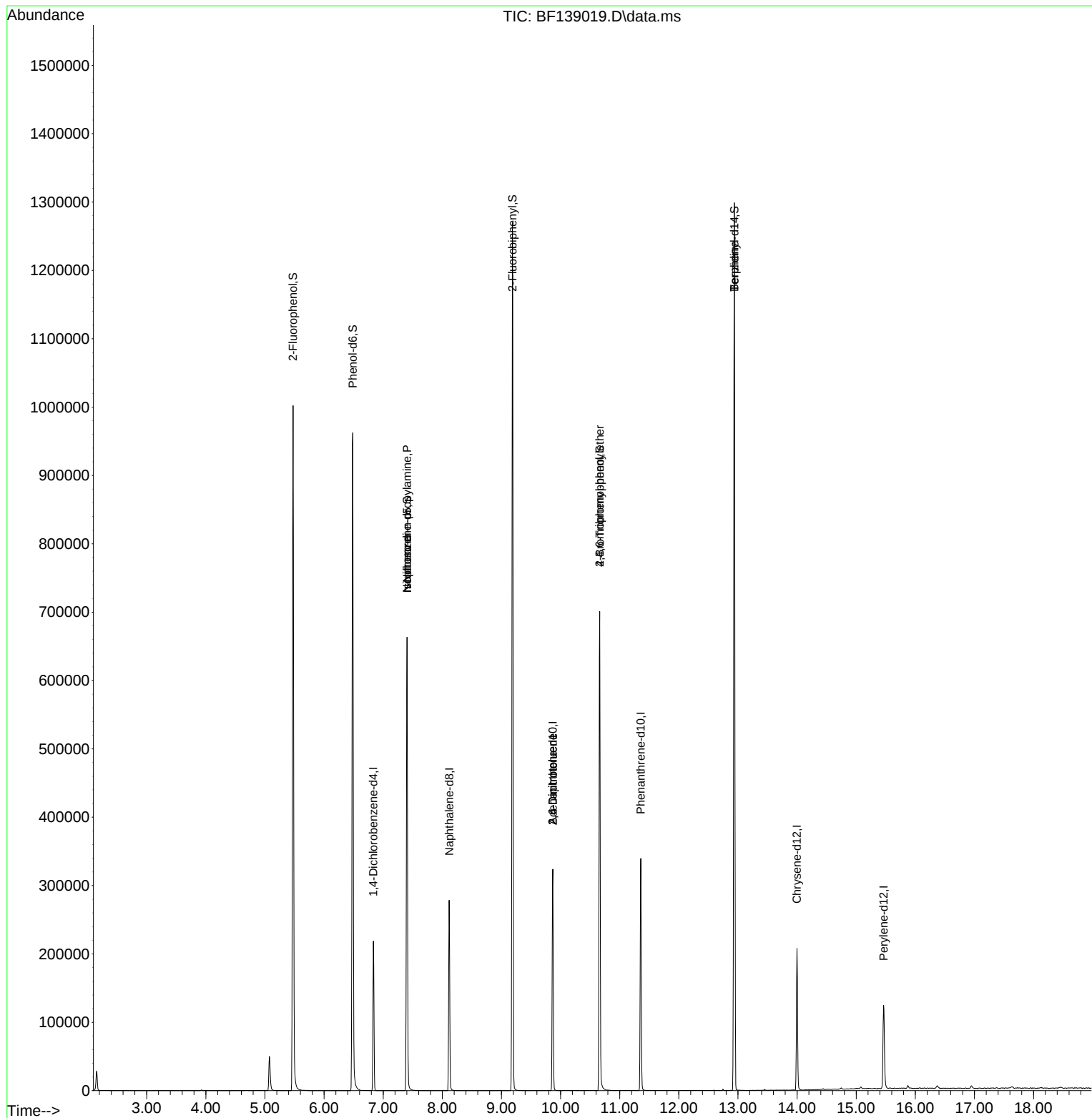
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	40404	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	166435	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	94313	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	177073	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	99105	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	77281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	327913	125.281	ng	0.00
7) Phenol-d6	6.487	99	431325	122.739	ng	0.00
23) Nitrobenzene-d5	7.404	82	286693	84.218	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	99513	128.811	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	534438	85.141	ng	-0.02
79) Terphenyl-d14	12.939	244	609149	102.909	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	39474	18.598	ng	# 80
25) Isophorone	7.404	82	286692	49.321	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12152	8.929	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	12152	6.998	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	7391	3.855	ng	# 1
77) Benzidine	12.939	184	9140	3.856	ng	# 91

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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QLast Update : Tue Jul 30 17:50:01 2024
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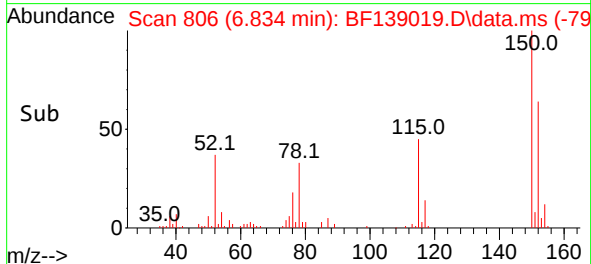
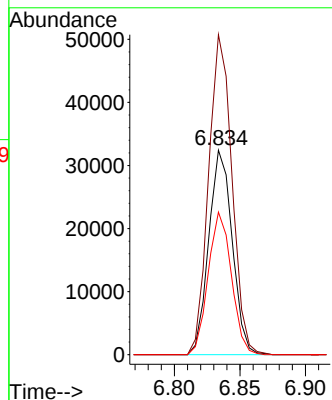
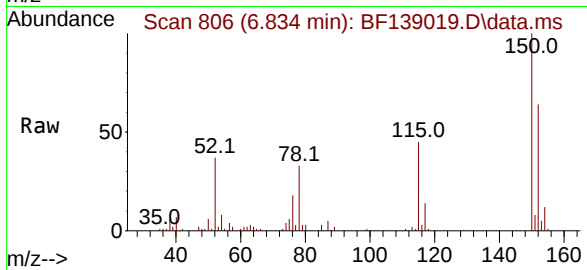




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

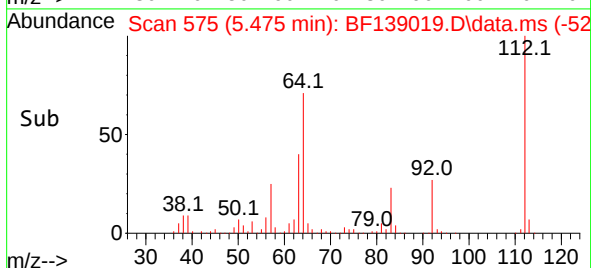
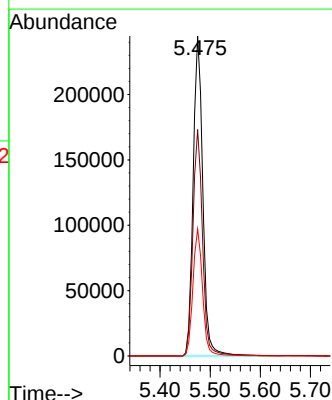
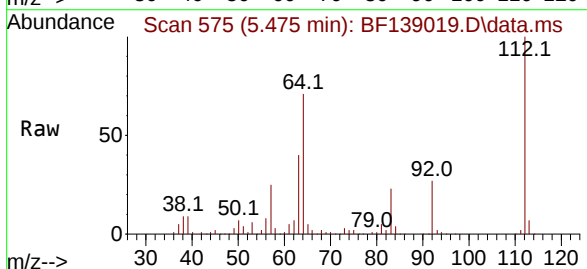
Instrument :
BNA_F
ClientSampleId :
PB162621TB

Tgt Ion:152 Resp: 40404
Ion Ratio Lower Upper
152 100
150 156.5 126.0 189.0
115 69.7 51.7 77.5



#5
2-Fluorophenol
Concen: 125.281 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

Tgt Ion:112 Resp: 327913
Ion Ratio Lower Upper
112 100
64 70.7 54.2 81.4
63 39.7 28.7 43.1

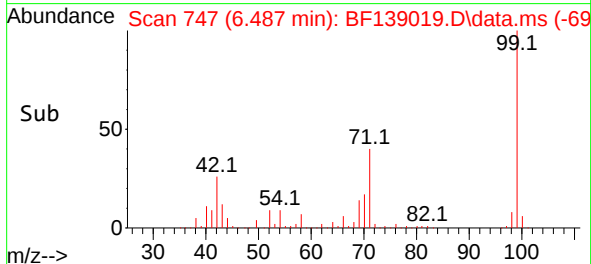
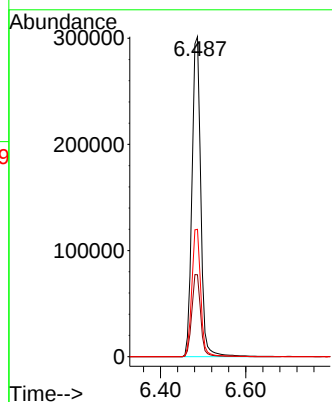
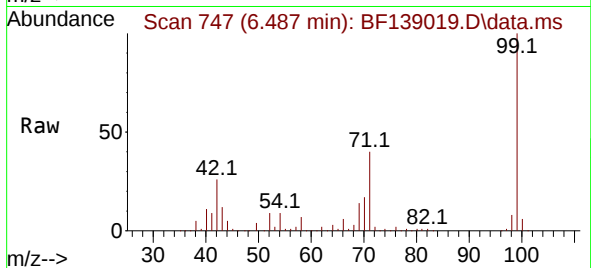




#7
Phenol-d6
Concen: 122.739 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

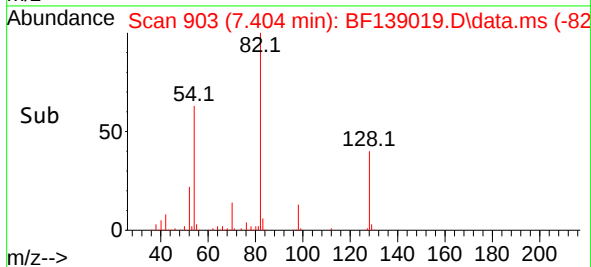
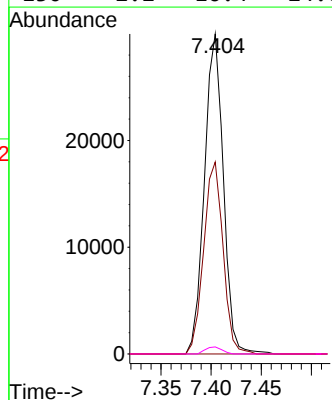
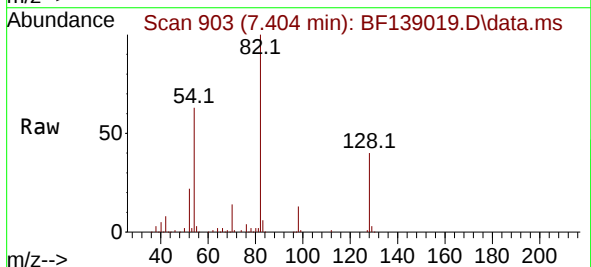
Instrument :
BNA_F
ClientSampleId :
PB162621TB

Tgt Ion: 99 Resp: 431325
Ion Ratio Lower Upper
99 100
42 25.6 17.4 26.0
71 39.8 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.598 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

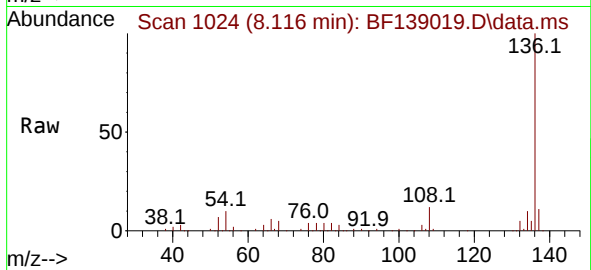
Tgt Ion: 70 Resp: 39474
Ion Ratio Lower Upper
70 100
42 60.0 57.4 86.0
101 0.0 7.5 11.3#
130 2.2 16.4 24.6#



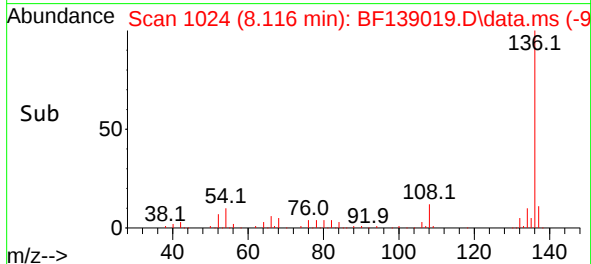
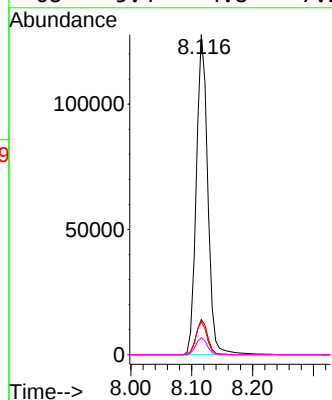


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

Instrument :
BNA_F
ClientSampleId :
PB162621TB

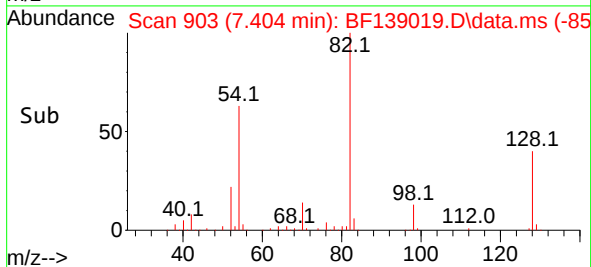
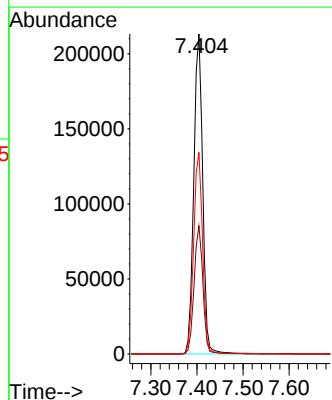
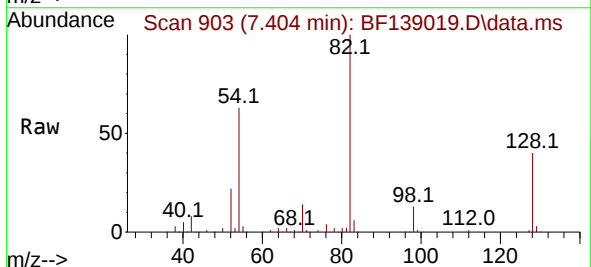


Tgt Ion:136 Resp: 166435
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.3 8.6 12.8
68 5.4 4.8 7.2



#23
Nitrobenzene-d5
Concen: 84.218 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

Tgt Ion: 82 Resp: 286693
Ion Ratio Lower Upper
82 100
128 40.0 32.8 49.2
54 63.0 48.3 72.5

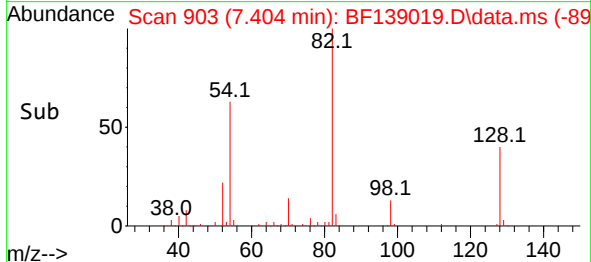
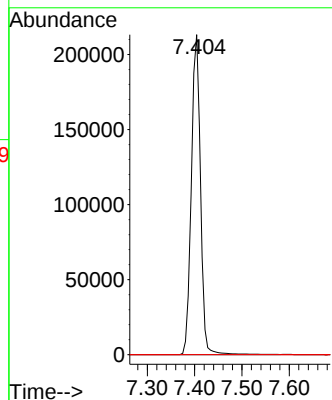
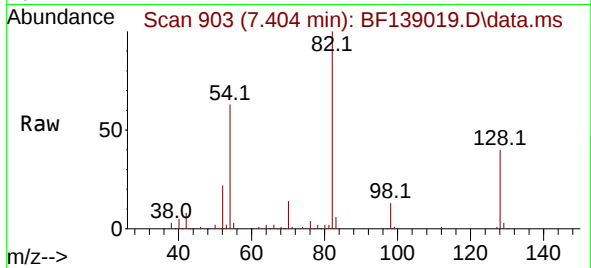




#25
Isophorone
Concen: 49.321 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

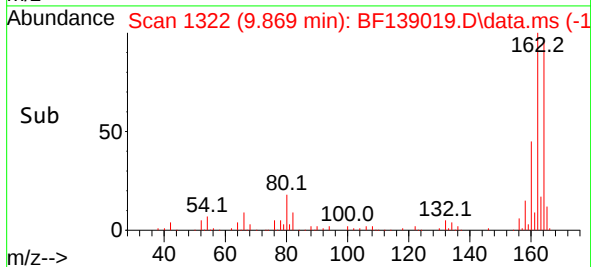
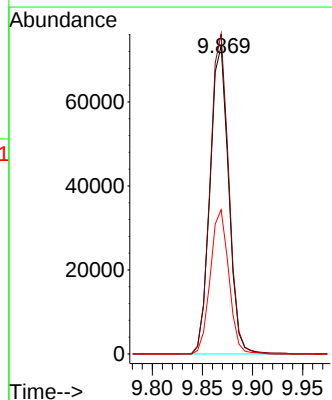
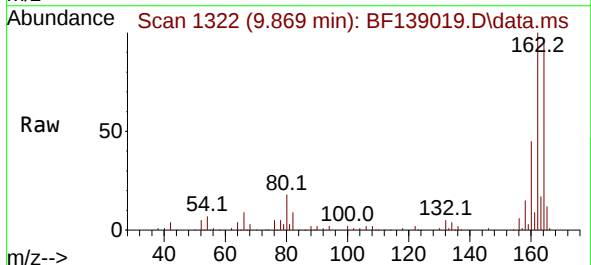
Instrument :
BNA_F
ClientSampleId :
PB162621TB

Tgt Ion: 82 Resp: 286692
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: BF139019.D
Acq: 15 Aug 2024 13:16

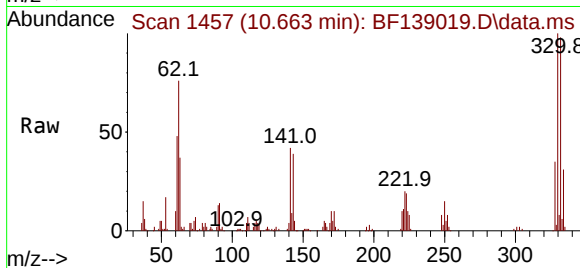
Tgt Ion:164 Resp: 94313
Ion Ratio Lower Upper
164 100
162 103.9 79.4 119.0
160 46.8 35.1 52.7



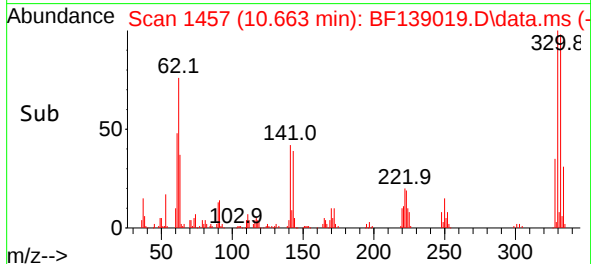
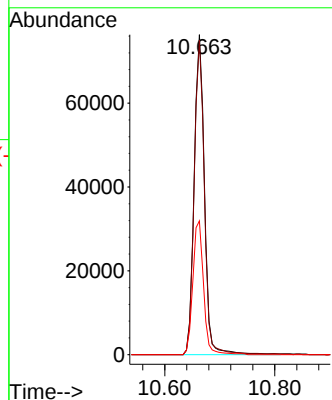


#42
2,4,6-Tribromophenol
Concen: 128.811 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

Instrument :
BNA_F
ClientSampleId :
PB162621TB

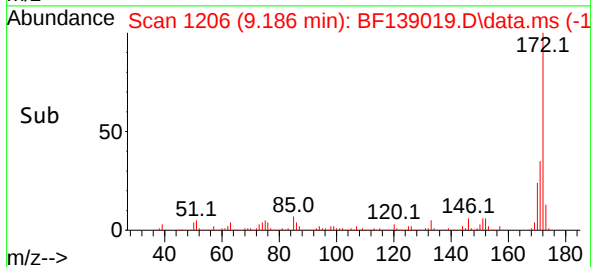
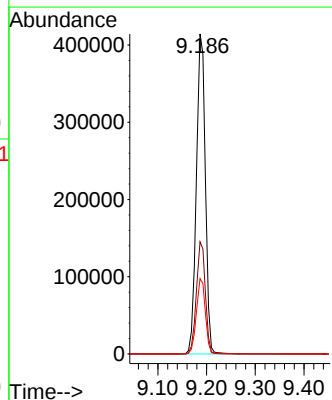
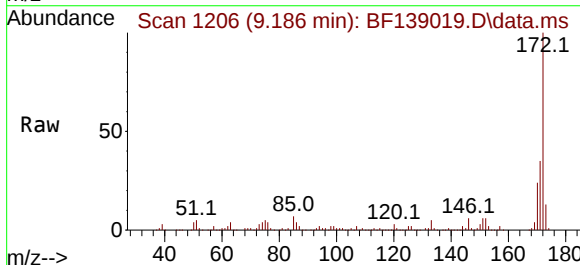


Tgt Ion:330 Resp: 99513
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 43.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 85.141 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

Tgt Ion:172 Resp: 534438
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.5 18.8 28.2

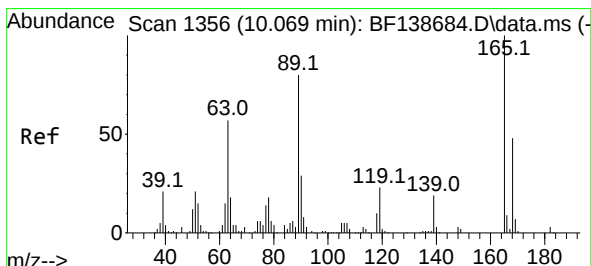
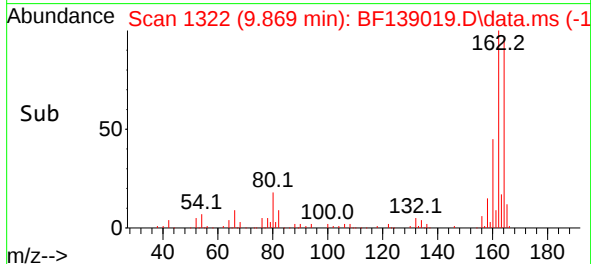
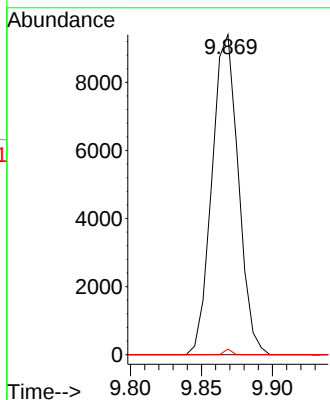
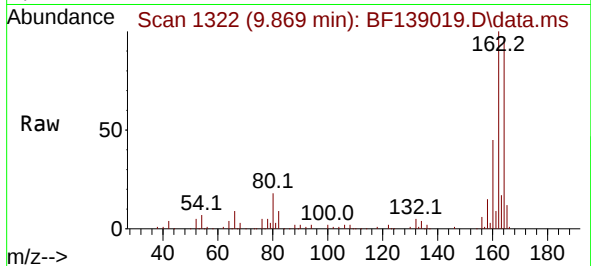




#51
2,6-Dinitrotoluene
Concen: 8.929 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

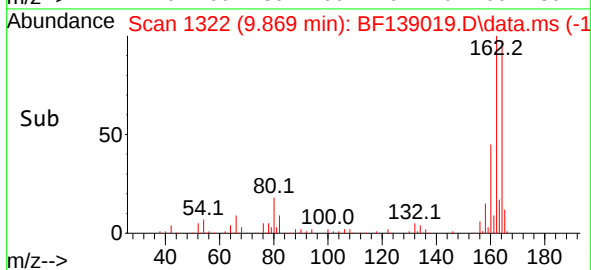
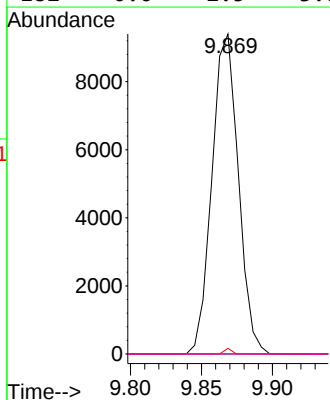
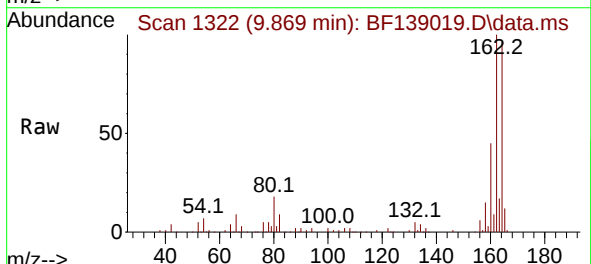
Instrument :
BNA_F
ClientSampleId :
PB162621TB

Tgt Ion:165 Resp: 12152
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.8 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.998 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF139019.D
Acq: 15 Aug 2024 13:16

Tgt Ion:165 Resp: 12152
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 1.8 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: BF139019.D

Acq: 15 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB162621TB

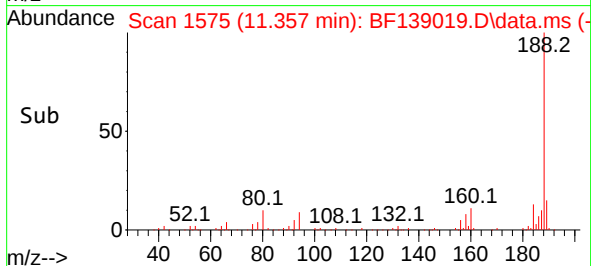
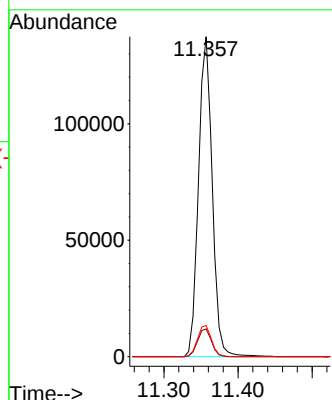
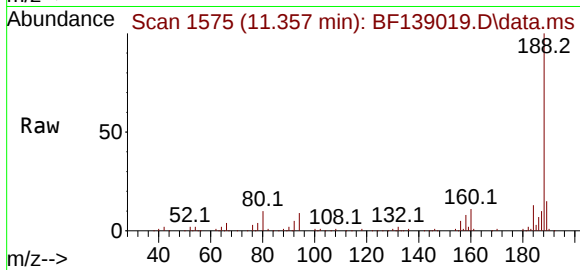
Tgt Ion:188 Resp: 177073

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 9.8 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.855 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF139019.D

Acq: 15 Aug 2024 13:16

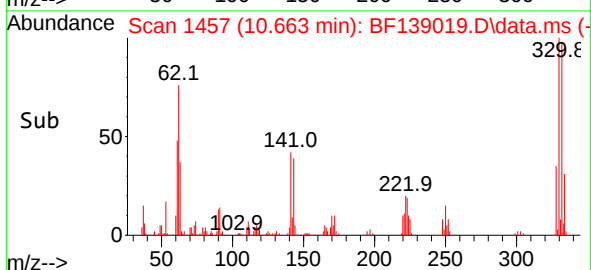
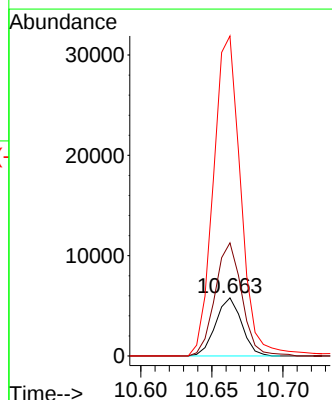
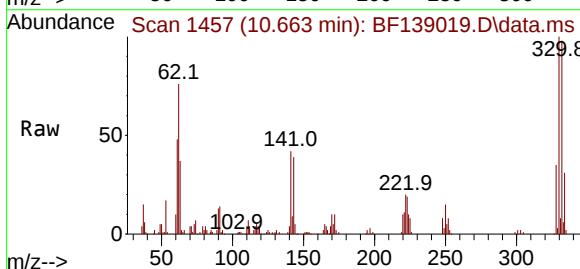
Tgt Ion:248 Resp: 7391

Ion Ratio Lower Upper

248 100

250 194.7 77.7 116.5#

141 550.7 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: BF139019.D

Acq: 15 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB162621TB

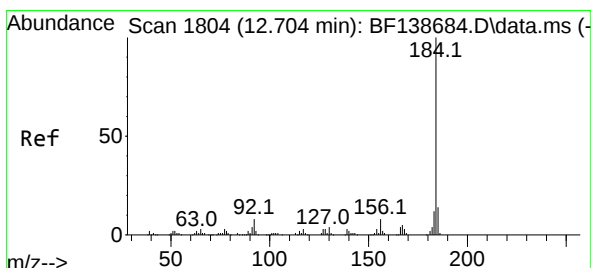
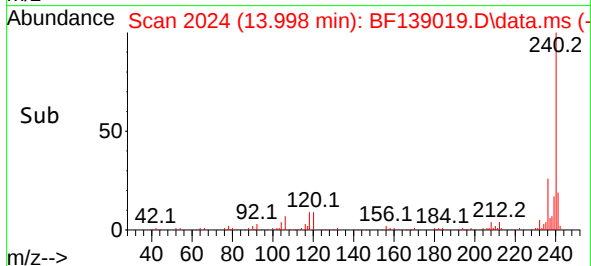
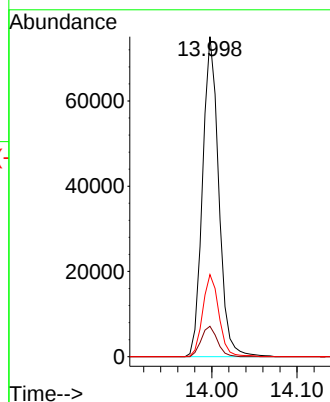
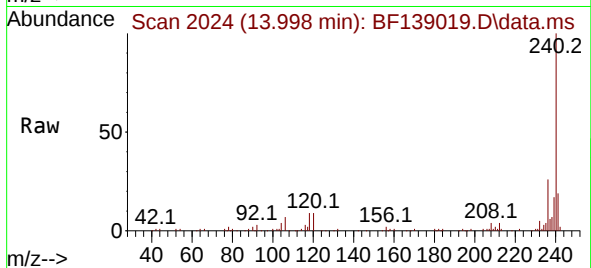
Tgt Ion:240 Resp: 99105

Ion Ratio Lower Upper

240 100

120 9.5 10.2 15.4#

236 25.7 19.8 29.8



#77

Benzidine

Concen: 3.856 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF139019.D

Acq: 15 Aug 2024 13:16

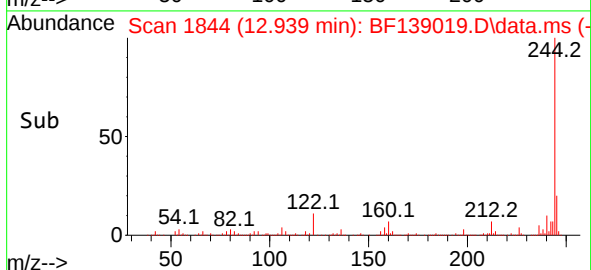
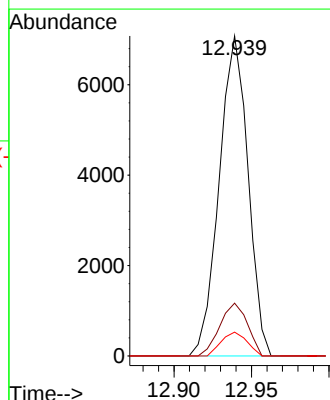
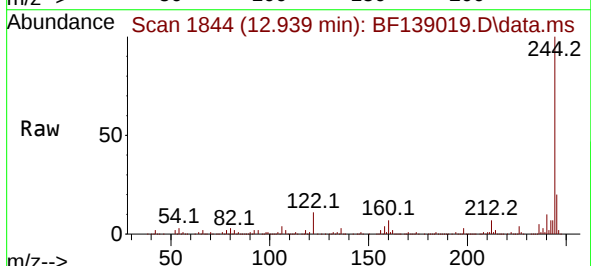
Tgt Ion:184 Resp: 9140

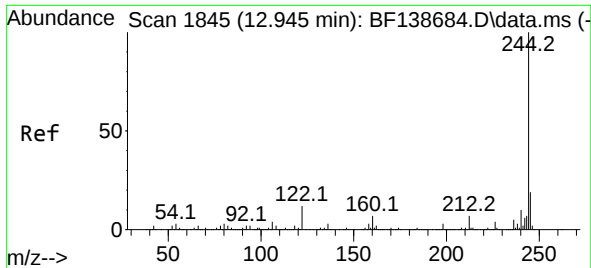
Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

183 7.5 9.6 14.4#

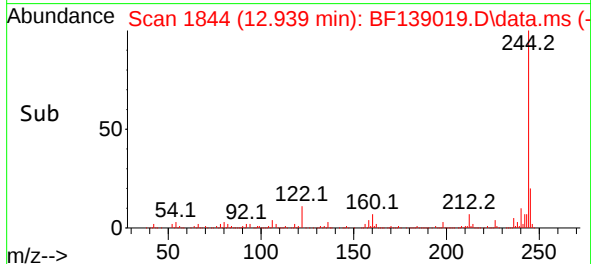
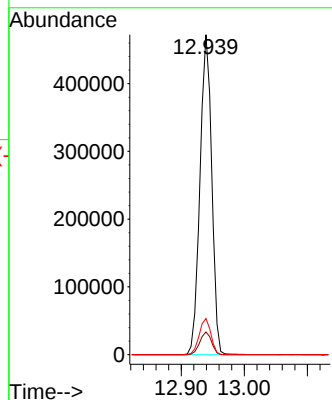
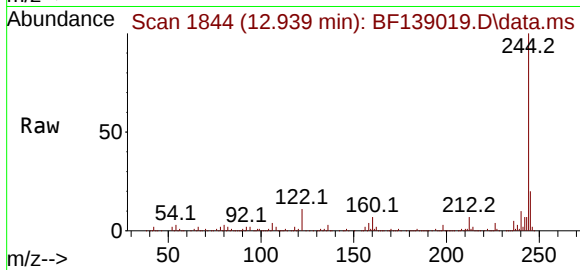




#79
 Terphenyl-d14
 Concen: 102.909 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139019.D
 Acq: 15 Aug 2024 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB162621TB

Tgt Ion:244 Resp: 609149
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139019.D
 Acq: 15 Aug 2024 13:16

Tgt Ion:264 Resp: 77281
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 21.5 17.0 25.6

