

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139026.D
 Acq On : 15 Aug 2024 17:03
 Operator : RC/JU
 Sample : PB162688BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162688BL

Quant Time: Aug 15 19:21:13 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)

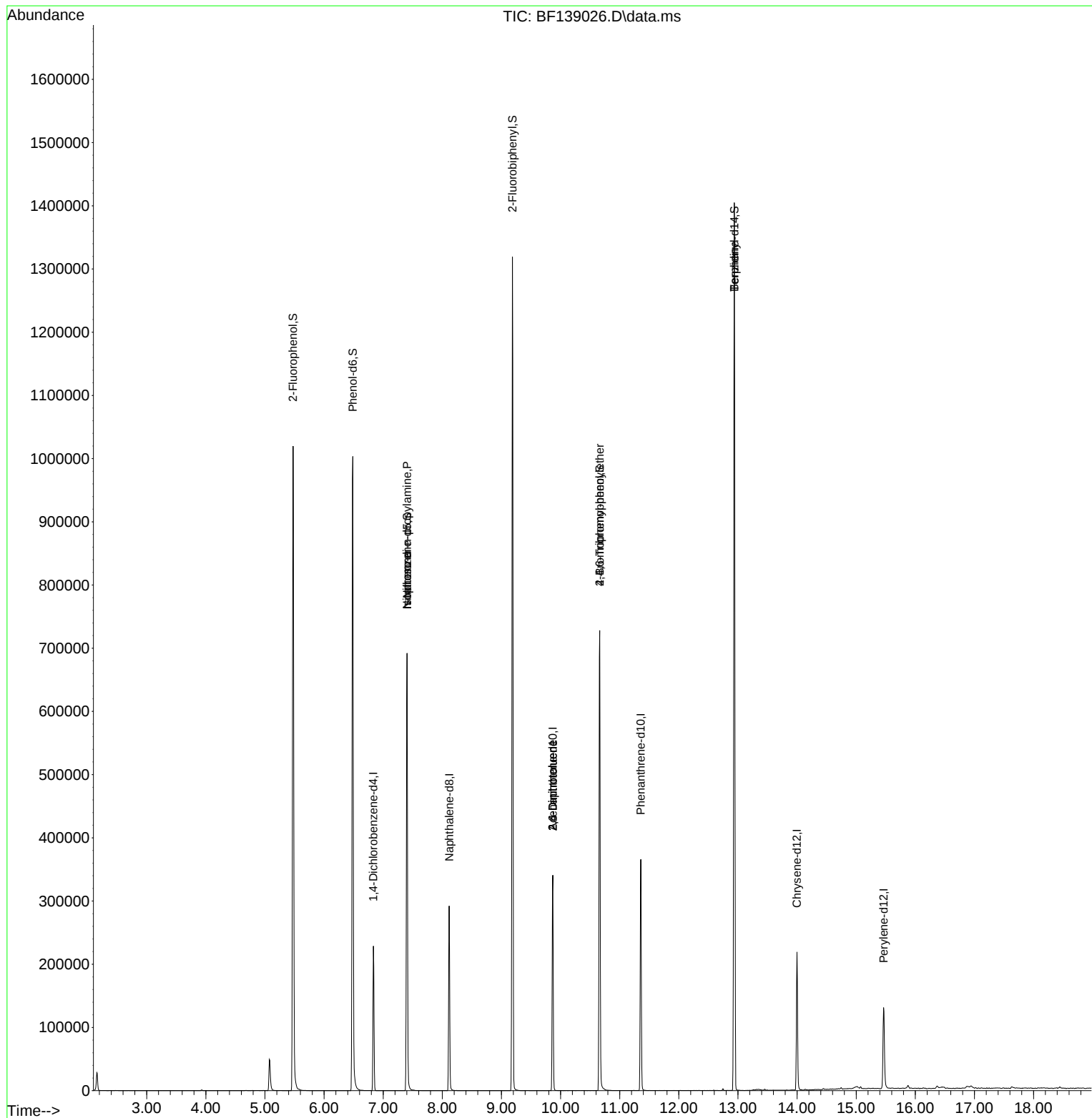
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	42010	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	175115	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	100590	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	190629	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	106160	20.000	ng	0.00
86) Perylene-d12	15.462	264	80970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	343204	126.110	ng	0.00
7) Phenol-d6	6.487	99	441452	120.818	ng	0.00
23) Nitrobenzene-d5	7.404	82	297810	83.147	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	104149	126.400	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	547098	81.719	ng	-0.02
79) Terphenyl-d14	12.939	244	653252	103.026	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	41562	18.833	ng	# 79
25) Isophorone	7.404	82	297808	48.694	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12892	8.882	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	12892	6.961	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7733	3.747	ng	# 1
77) Benzidine	12.939	184	9078	3.575	ng	# 89

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

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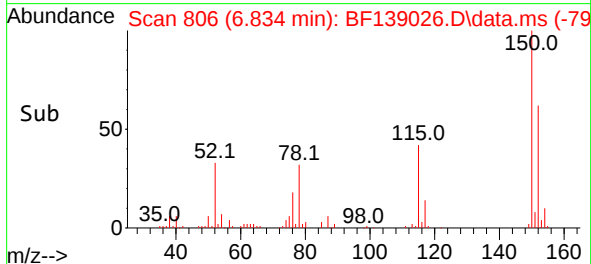
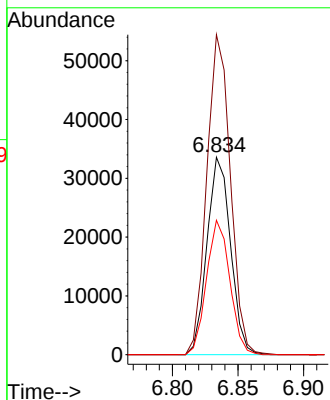
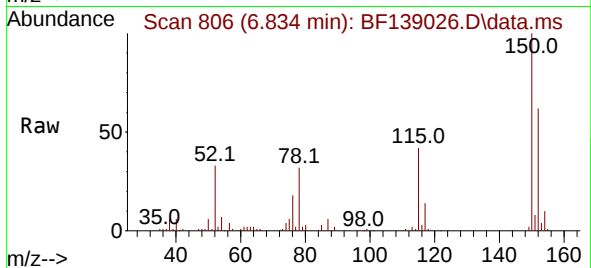




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139026.D
Acq: 15 Aug 2024 17:03

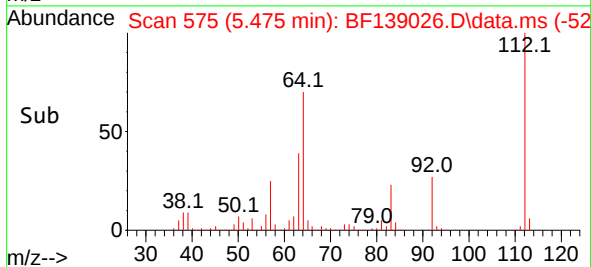
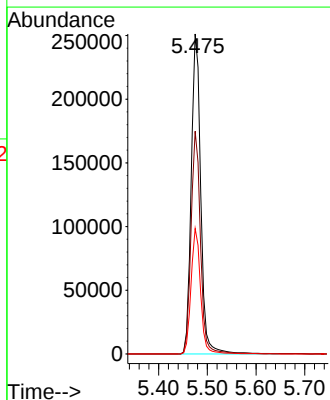
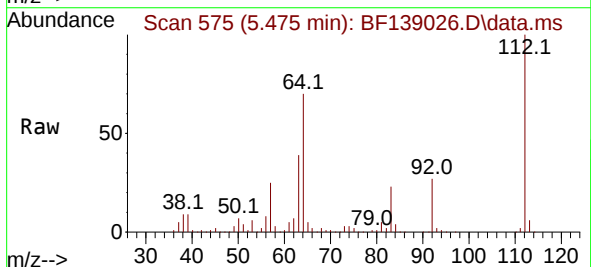
Instrument :
BNA_F
ClientSampleId :
PB162688BL

Tgt Ion:152 Resp: 42010
Ion Ratio Lower Upper
152 100
150 162.0 126.0 189.0
115 68.0 51.7 77.5



#5
2-Fluorophenol
Concen: 126.110 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139026.D
Acq: 15 Aug 2024 17:03

Tgt Ion:112 Resp: 343204
Ion Ratio Lower Upper
112 100
64 69.6 54.2 81.4
63 39.2 28.7 43.1

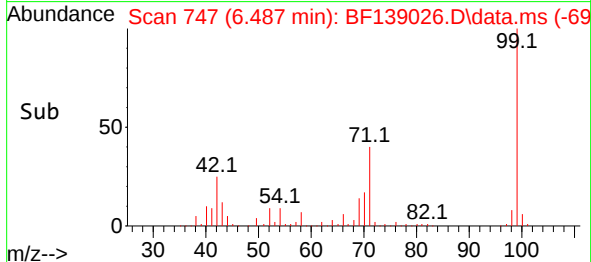
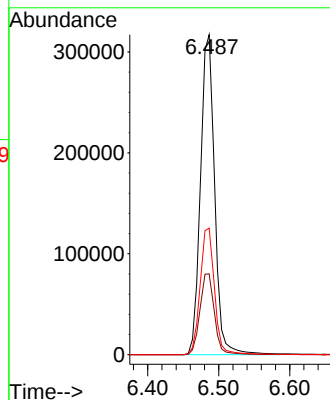
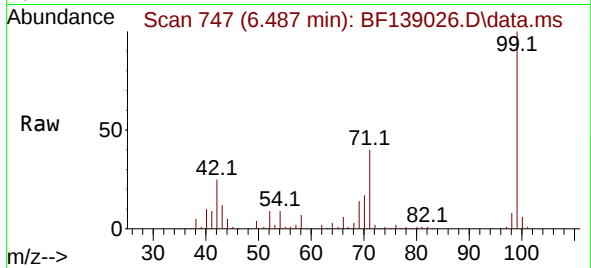




#7
Phenol-d6
Concen: 120.818 ng
RT: 6.487 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF139026.D
Acq: 15 Aug 2024 17:03

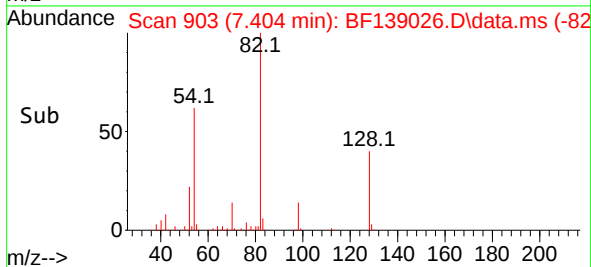
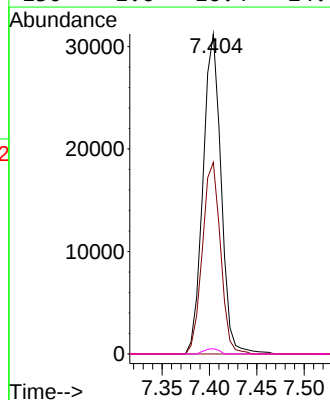
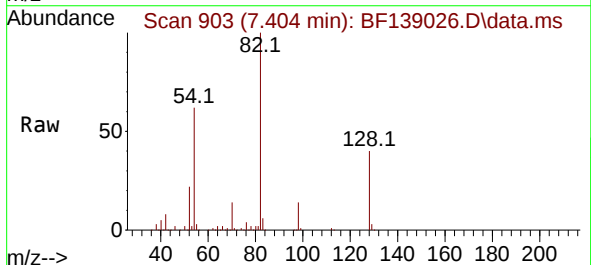
Instrument :
BNA_F
ClientSampleId :
PB162688BL

Tgt Ion: 99 Resp: 441452
Ion Ratio Lower Upper
99 100
42 25.3 17.4 26.0
71 39.5 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.833 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF139026.D
Acq: 15 Aug 2024 17:03

Tgt Ion: 70 Resp: 41562
Ion Ratio Lower Upper
70 100
42 59.8 57.4 86.0
101 0.0 7.5 11.3#
130 1.6 16.4 24.6#





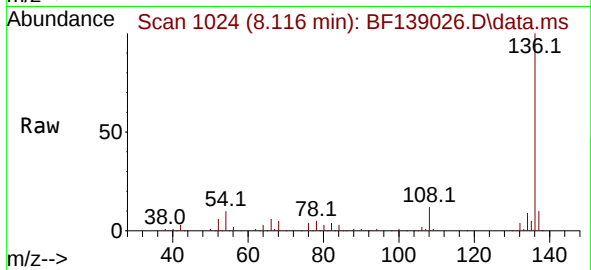
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139026.D
Acq: 15 Aug 2024 17:03

Instrument :

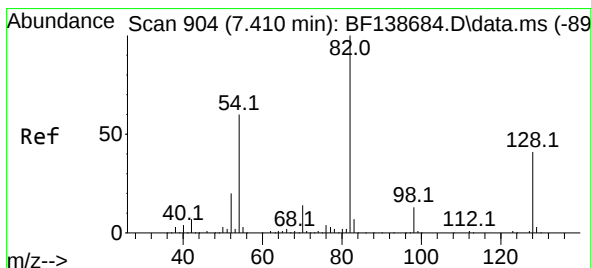
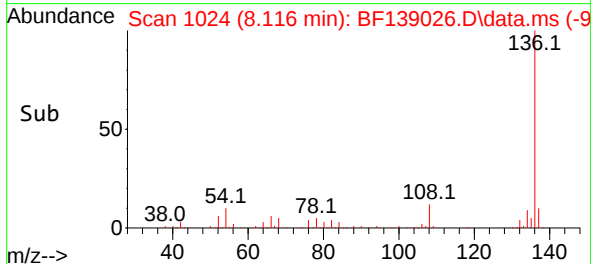
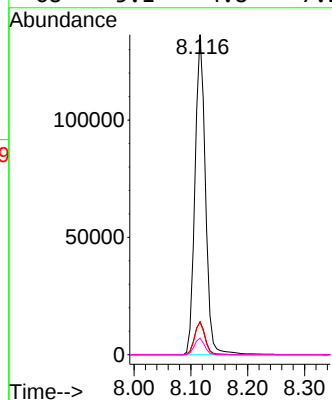
BNA_F

ClientSampleId :

PB162688BL

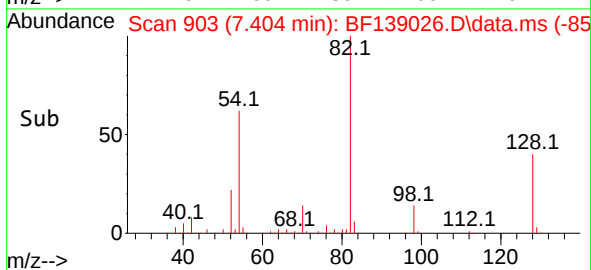
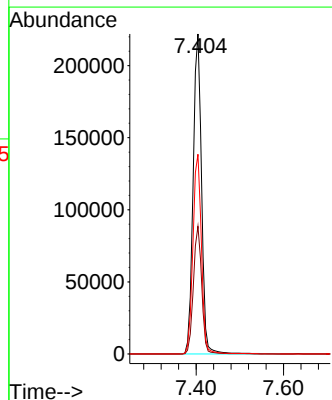
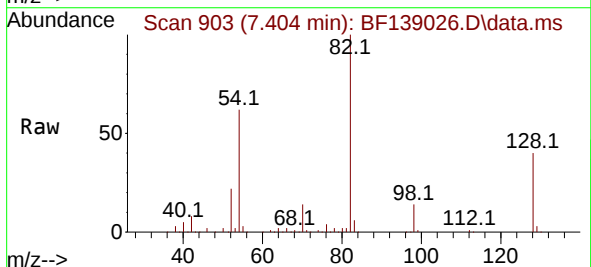


Tgt Ion:136 Resp: 175115
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 10.1 8.6 12.8
68 5.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 83.147 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF139026.D
Acq: 15 Aug 2024 17:03

Tgt Ion: 82 Resp: 297810
Ion Ratio Lower Upper
82 100
128 39.9 32.8 49.2
54 62.4 48.3 72.5

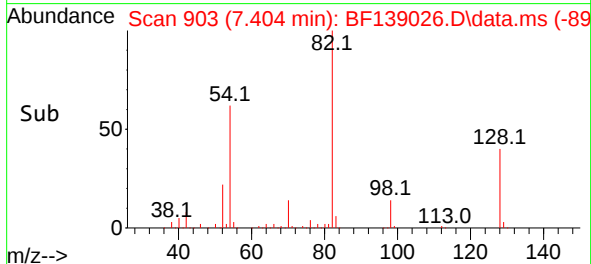
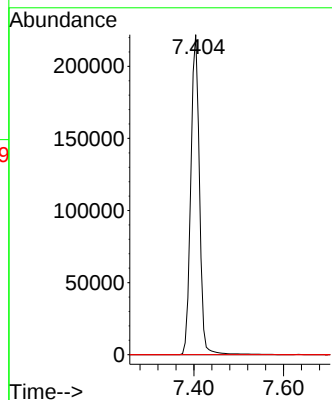
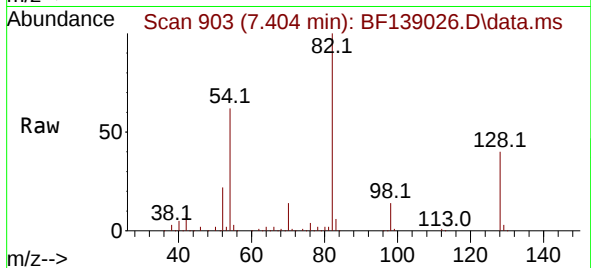




#25
Isophorone
Concen: 48.694 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139026.D
Acq: 15 Aug 2024 17:03

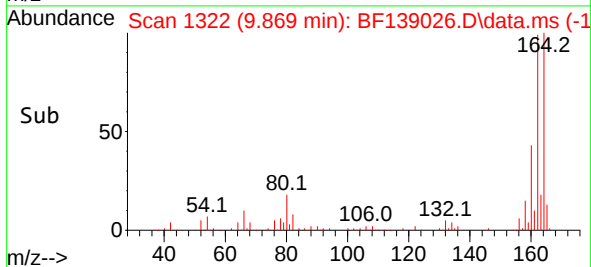
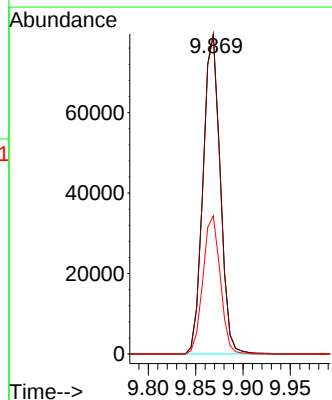
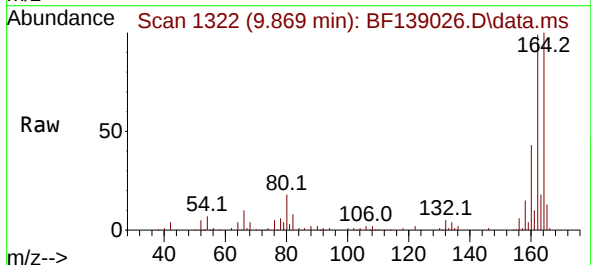
Instrument :
BNA_F
ClientSampleId :
PB162688BL

Tgt Ion: 82 Resp: 297808
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: BF139026.D
Acq: 15 Aug 2024 17:03

Tgt Ion:164 Resp: 100590
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.0
160 43.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 126.400 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139026.D

Acq: 15 Aug 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB162688BL

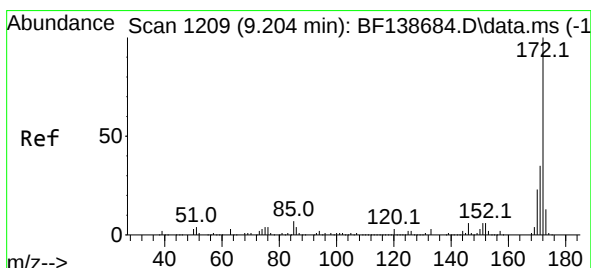
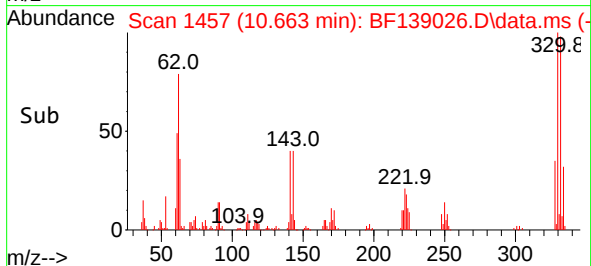
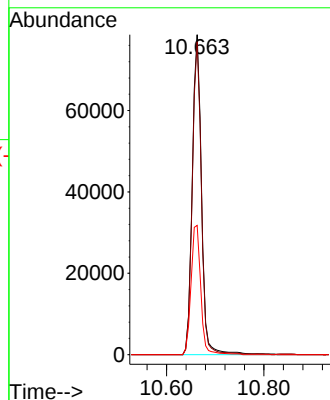
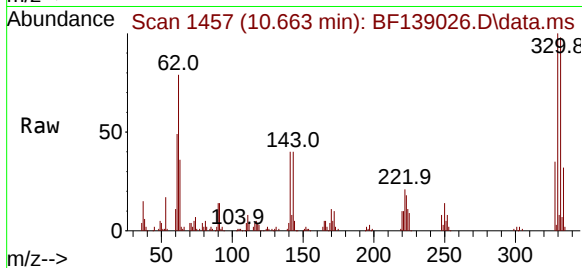
Tgt Ion:330 Resp: 104149

Ion Ratio Lower Upper

330 100

332 95.8 76.4 114.6

141 42.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 81.719 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139026.D

Acq: 15 Aug 2024 17:03

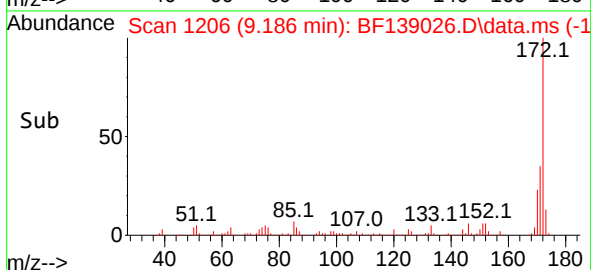
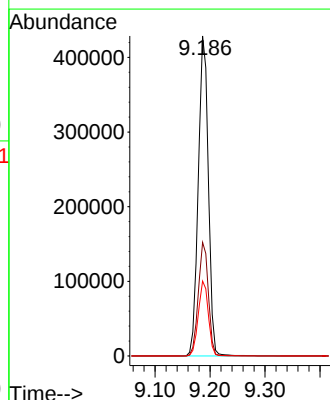
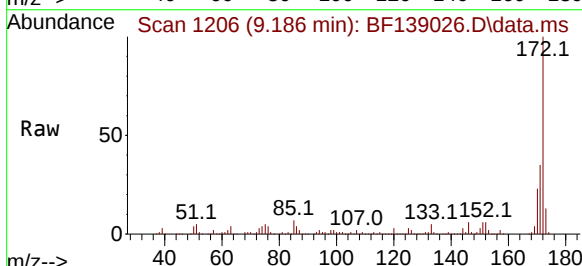
Tgt Ion:172 Resp: 547098

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 18.8 28.2

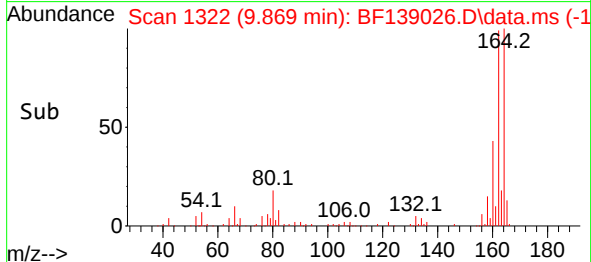
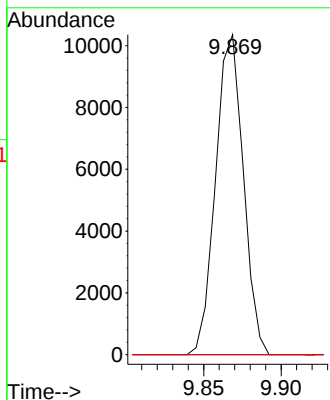
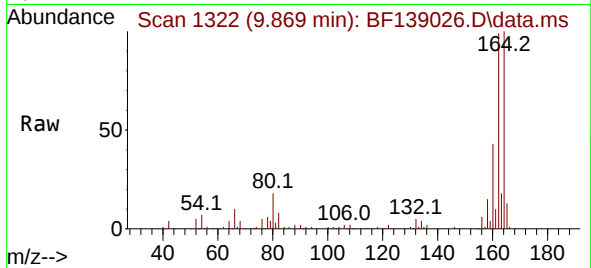




#51
2,6-Dinitrotoluene
Concen: 8.882 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF139026.D
Acq: 15 Aug 2024 17:03

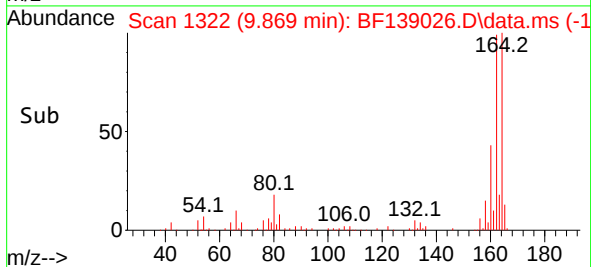
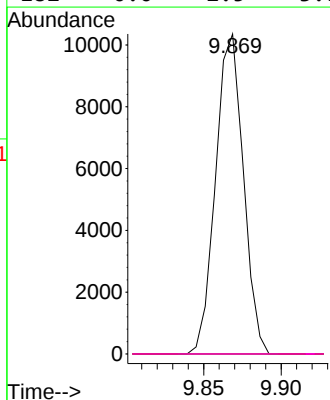
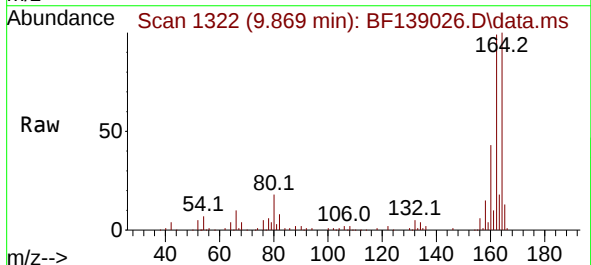
Instrument :
BNA_F
ClientSampleId :
PB162688BL

Tgt Ion:165 Resp: 12892
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: 6.961 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF139026.D
Acq: 15 Aug 2024 17:03

Tgt Ion:165 Resp: 12892
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# 1

Delta R.T. -0.012 min

Lab File: BF139026.D

Acq: 15 Aug 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB162688BL

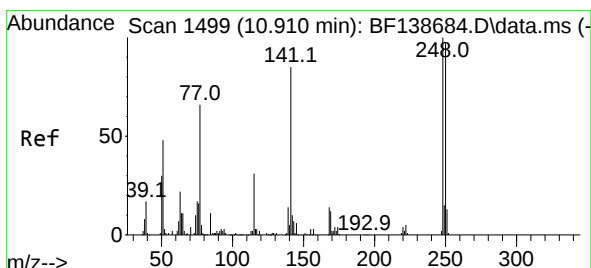
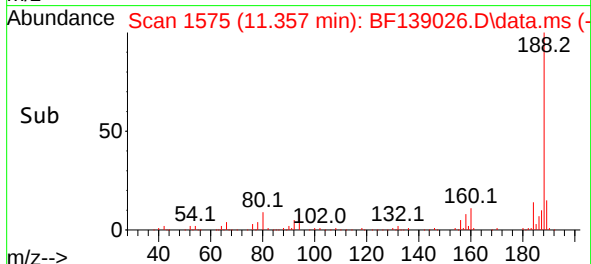
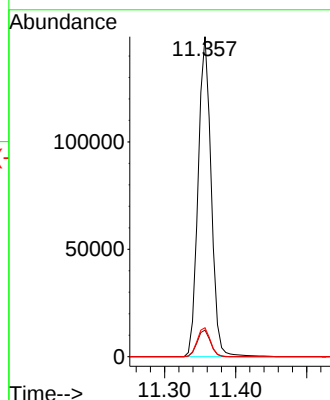
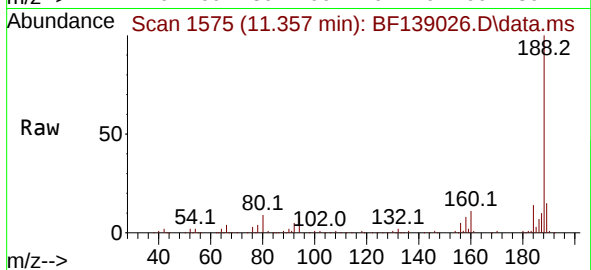
Tgt Ion:188 Resp: 190629

Ion Ratio Lower Upper

188 100

94 8.3 7.6 11.4

80 9.1 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.747 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF139026.D

Acq: 15 Aug 2024 17:03

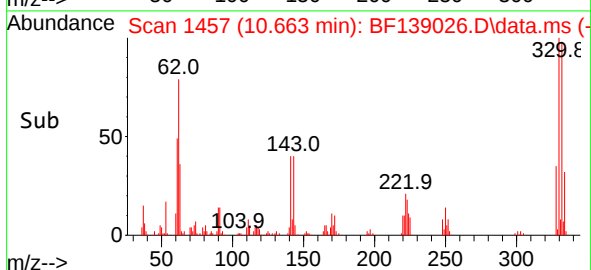
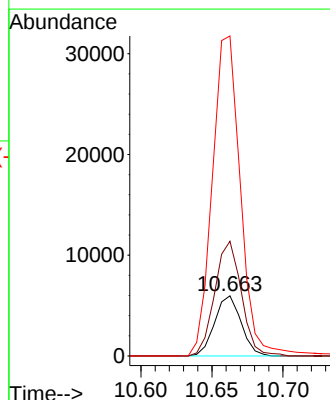
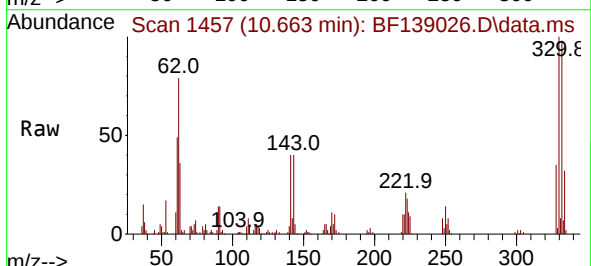
Tgt Ion:248 Resp: 7733

Ion Ratio Lower Upper

248 100

250 190.6 77.7 116.5#

141 531.6 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: BF139026.D

Acq: 15 Aug 2024 17:03

Instrument :

BNA_F

ClientSampleId :

PB162688BL

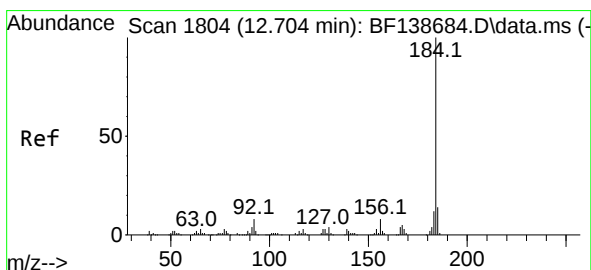
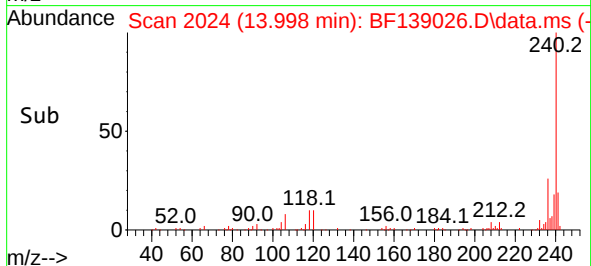
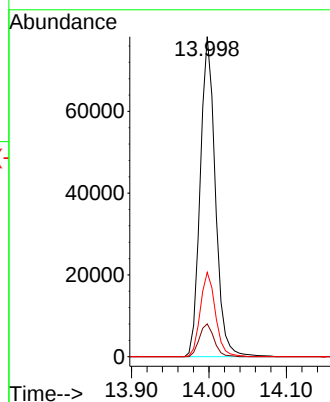
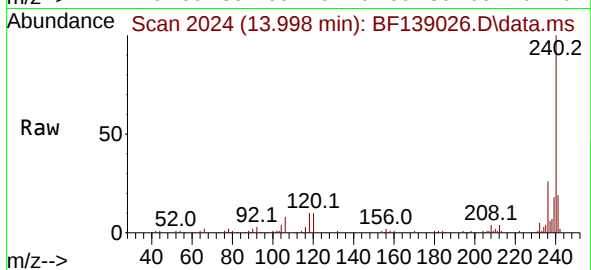
Tgt Ion:240 Resp: 106160

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4

236 26.3 19.8 29.8



#77

Benzidine

Concen: 3.575 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF139026.D

Acq: 15 Aug 2024 17:03

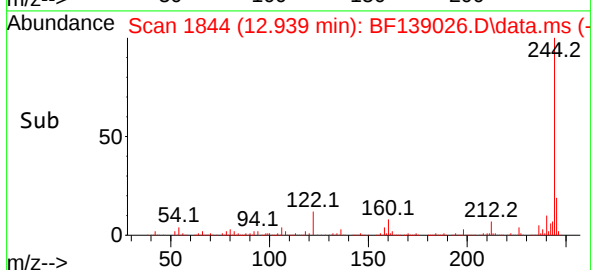
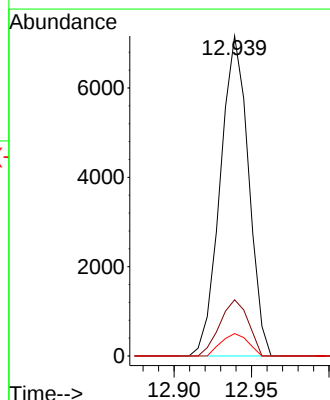
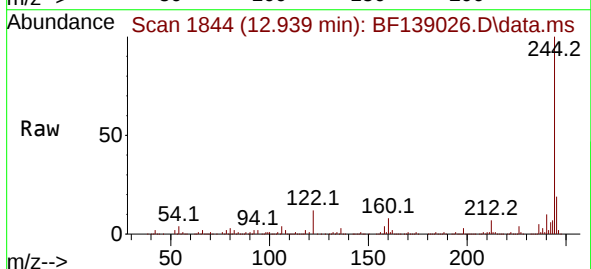
Tgt Ion:184 Resp: 9078

Ion Ratio Lower Upper

184 100

185 17.6 11.1 16.7#

183 7.0 9.6 14.4#

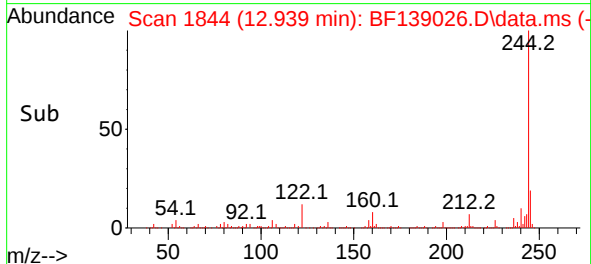
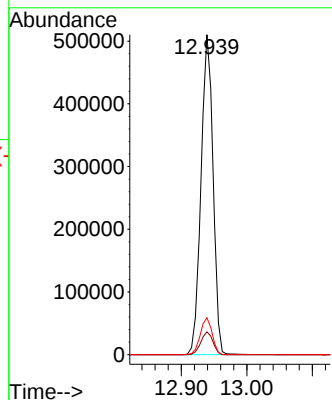
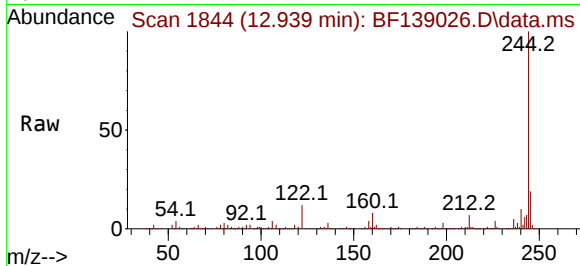




#79
 Terphenyl-d14
 Concen: 103.026 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139026.D
 Acq: 15 Aug 2024 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB162688BL

Tgt Ion:244 Resp: 653252
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.5 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: BF139026.D
 Acq: 15 Aug 2024 17:03

Tgt Ion:264 Resp: 80970
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 20.8 17.0 25.6

