

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138927.D
 Acq On : 12 Aug 2024 11:37
 Operator : RC/JU
 Sample : PB162605BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162605BL

Quant Time: Aug 12 12:19:55 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)

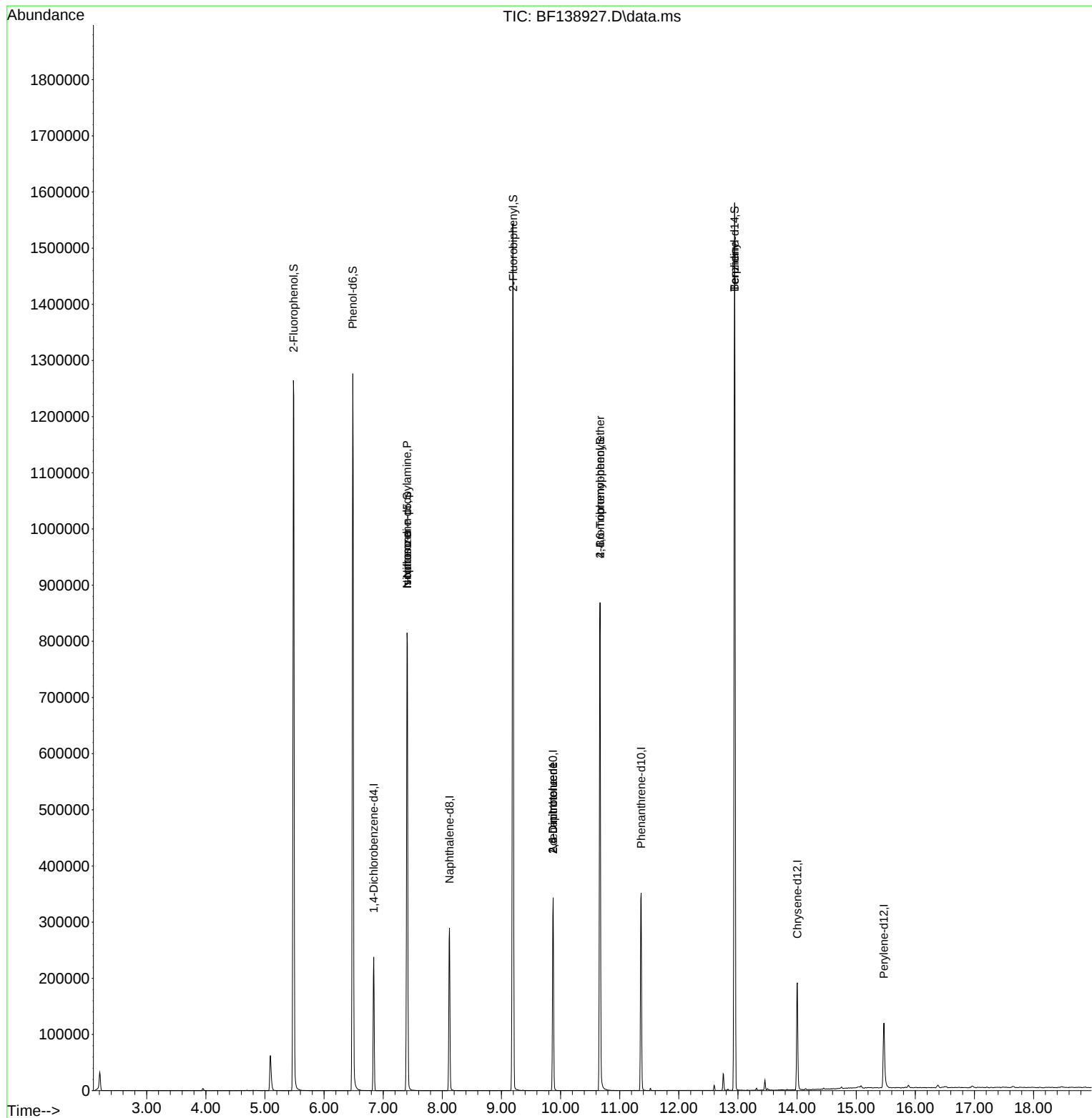
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	44283	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	181661	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	103488	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	187736	20.000	ng	0.00
76) Chrysene-d12	14.004	240	100085	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	79072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	439807	153.311	ng	0.02
7) Phenol-d6	6.487	99	576618	149.711	ng	0.00
23) Nitrobenzene-d5	7.404	82	375969	101.186	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	129377	152.620	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	696734	101.156	ng	0.00
79) Terphenyl-d14	12.945	244	756757	126.594	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	51418	22.103	ng	# 79
25) Isophorone	7.404	82	373226	58.826	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	12667	8.482	ng	# 22
57) 2,4-Dinitrotoluene	9.875	165	12667	6.648	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	9785	4.814	ng	# 1
77) Benzidine	12.945	184	10825	4.522	ng	# 88

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

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Quant Time: Aug 12 12:19:55 2024
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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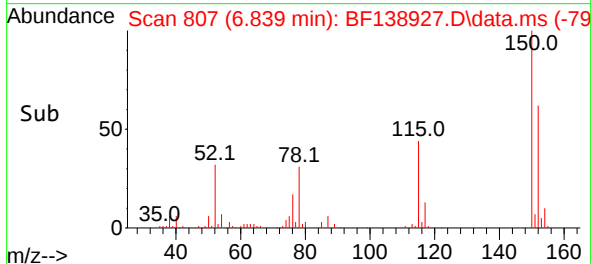
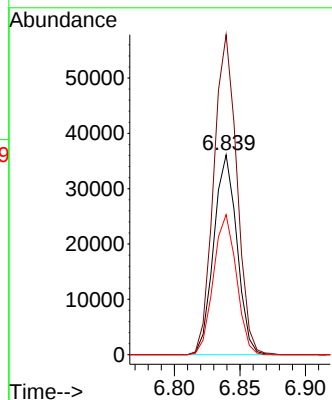
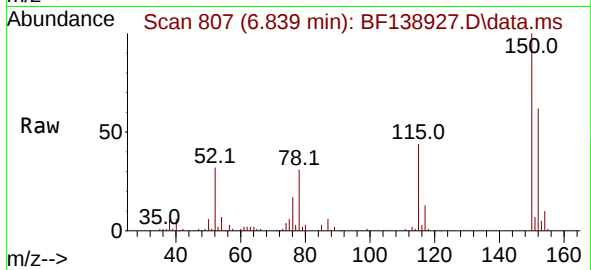




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138927.D
Acq: 12 Aug 2024 11:37

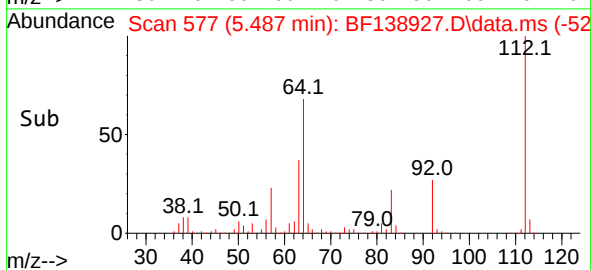
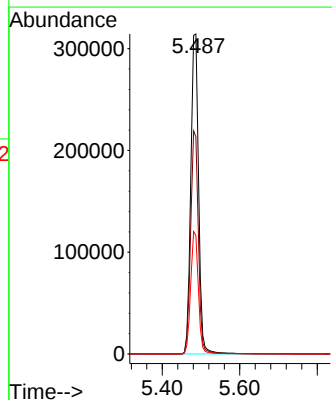
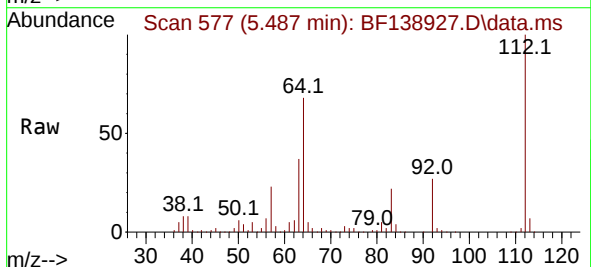
Instrument :
BNA_F
ClientSampleId :
PB162605BL

Tgt Ion:152 Resp: 44283
Ion Ratio Lower Upper
152 100
150 160.2 126.0 189.0
115 70.1 51.7 77.5



#5
2-Fluorophenol
Concen: 153.311 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138927.D
Acq: 12 Aug 2024 11:37

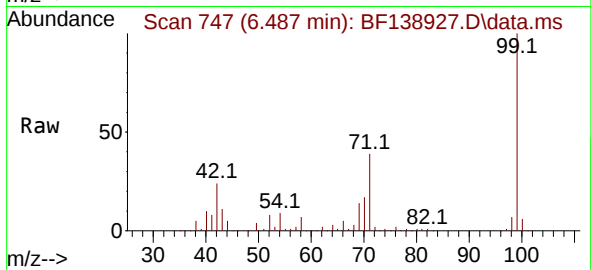
Tgt Ion:112 Resp: 439807
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 37.1 28.7 43.1



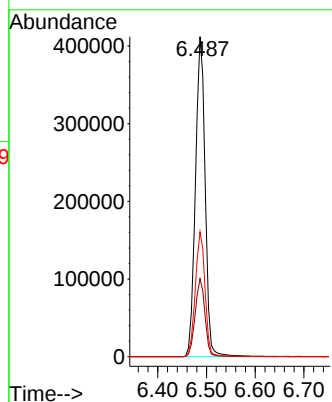
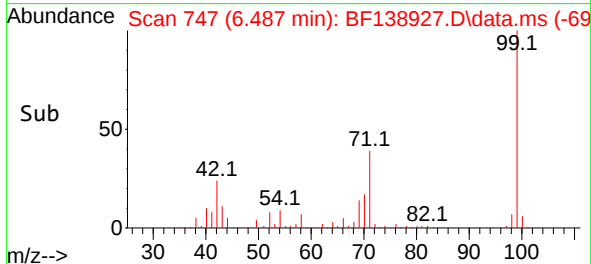


#7
Phenol-d6
Concen: 149.711 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138927.D
Acq: 12 Aug 2024 11:37

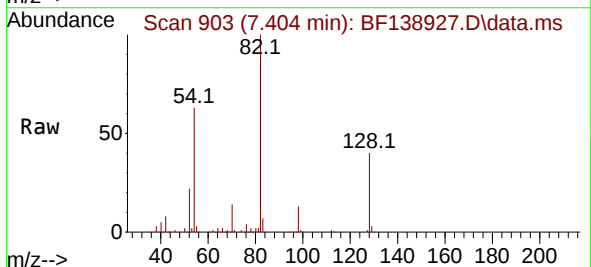
Instrument :
BNA_F
ClientSampleId :
PB162605BL



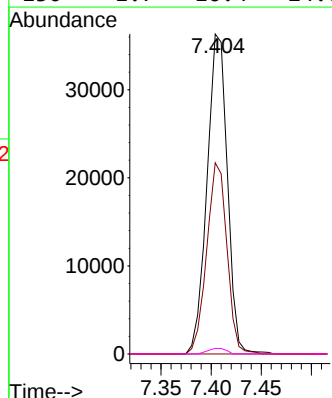
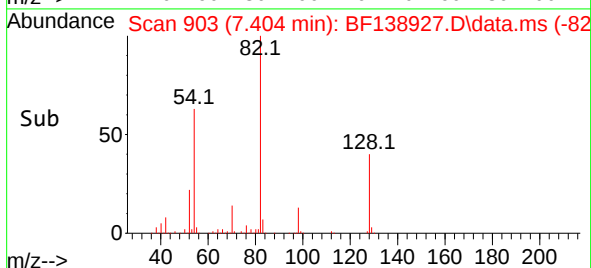
Tgt Ion: 99 Resp: 576618
Ion Ratio Lower Upper
99 100
42 24.3 17.4 26.0
71 39.0 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 22.103 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138927.D
Acq: 12 Aug 2024 11:37



Tgt Ion: 70 Resp: 51418
Ion Ratio Lower Upper
70 100
42 59.8 57.4 86.0
101 0.0 7.5 11.3#
130 1.7 16.4 24.6#





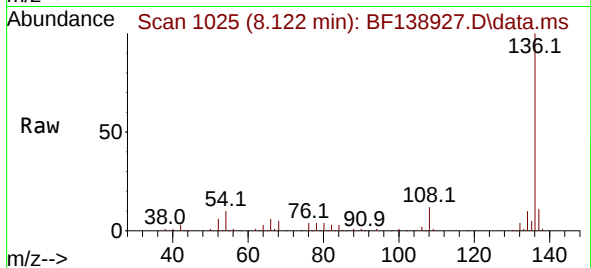
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138927.D
Acq: 12 Aug 2024 11:37

Instrument :

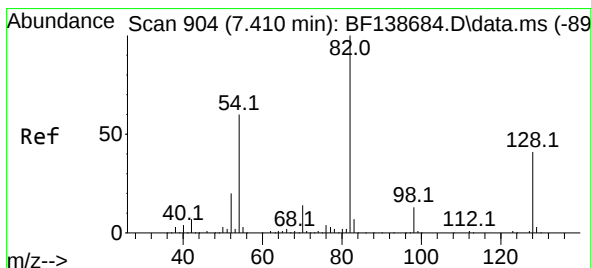
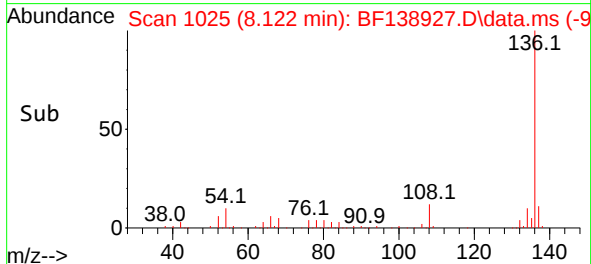
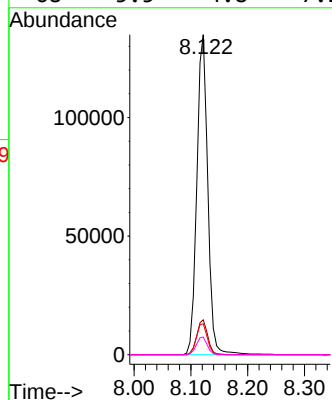
BNA_F

ClientSampleId :

PB162605BL

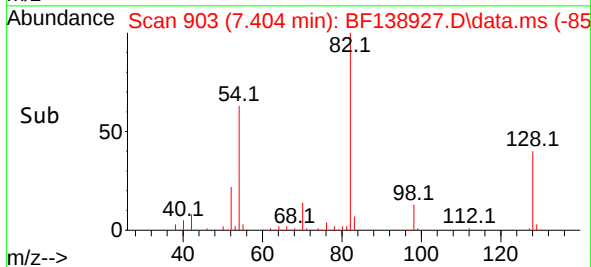
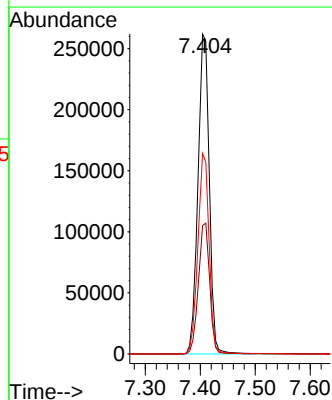
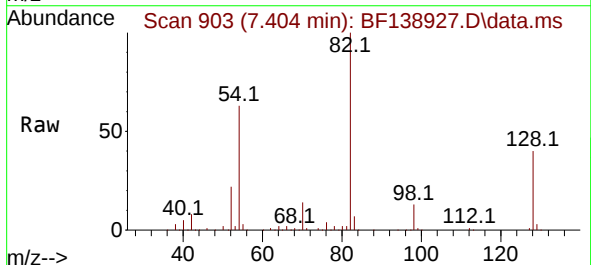


Tgt Ion:136 Resp: 181661
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.7 8.6 12.8
68 5.5 4.8 7.2



#23
Nitrobenzene-d5
Concen: 101.186 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138927.D
Acq: 12 Aug 2024 11:37

Tgt Ion: 82 Resp: 375969
Ion Ratio Lower Upper
82 100
128 40.1 32.8 49.2
54 62.6 48.3 72.5

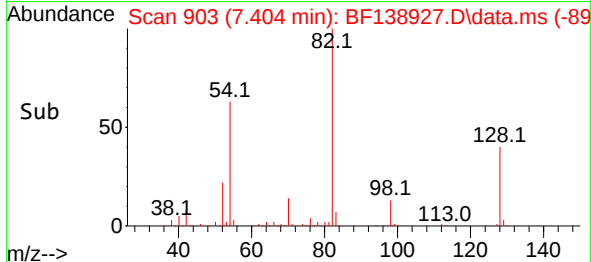
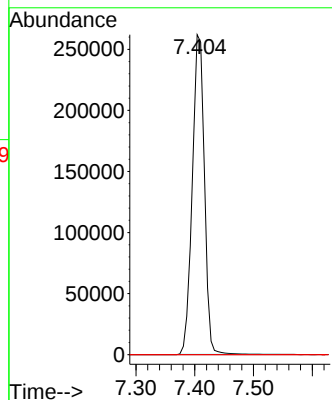
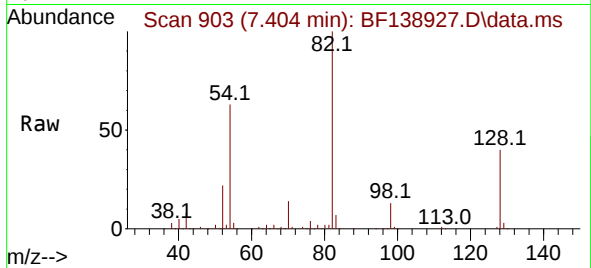




#25
Isophorone
Concen: 58.826 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138927.D
Acq: 12 Aug 2024 11:37

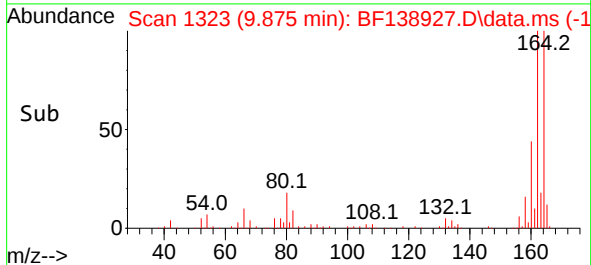
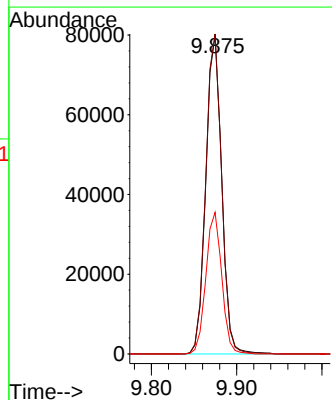
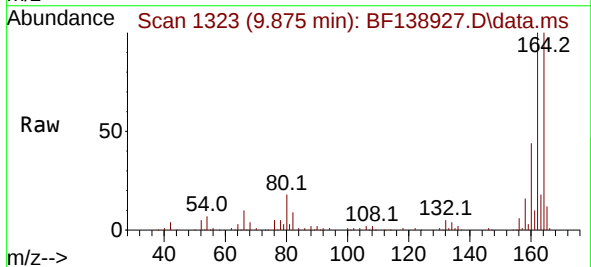
Instrument :
BNA_F
ClientSampleId :
PB162605BL

Tgt Ion: 82 Resp: 373226
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: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138927.D
Acq: 12 Aug 2024 11:37

Tgt Ion:164 Resp: 103488
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.0
160 44.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 152.620 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138927.D

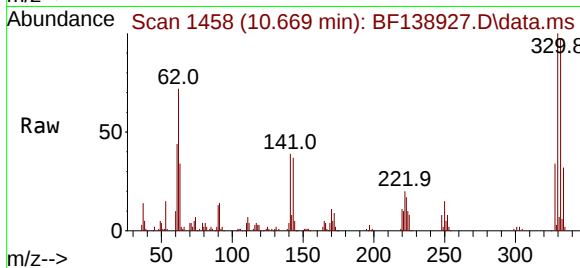
Acq: 12 Aug 2024 11:37

Instrument :

BNA_F

ClientSampleId :

PB162605BL



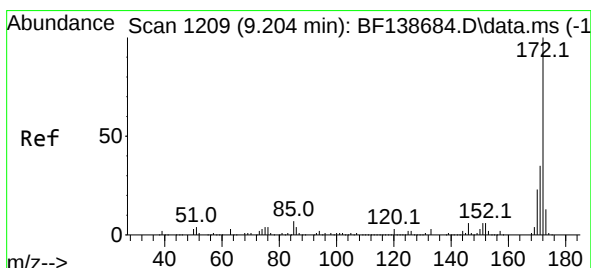
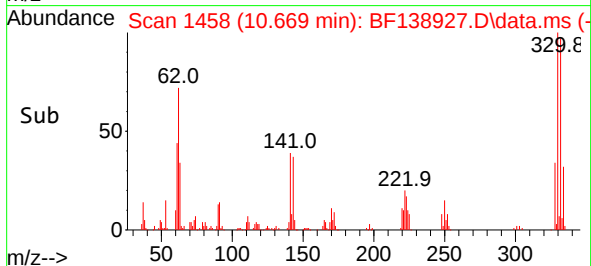
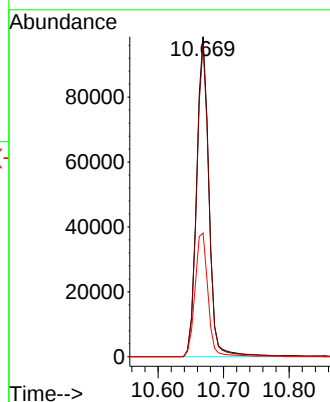
Tgt Ion:330 Resp: 129377

Ion Ratio Lower Upper

330 100

332 97.3 76.4 114.6

141 40.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 101.156 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138927.D

Acq: 12 Aug 2024 11:37

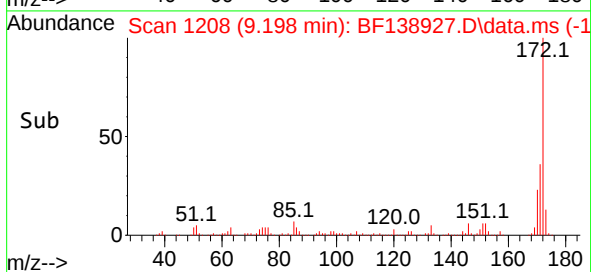
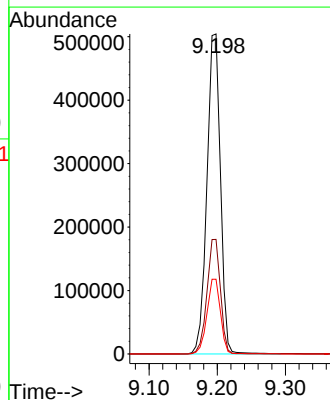
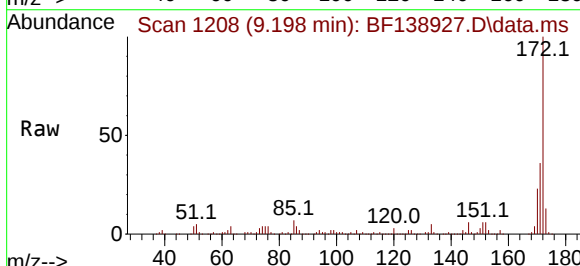
Tgt Ion:172 Resp: 696734

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.4 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.482 ng

RT: 9.875 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF138927.D

Acq: 12 Aug 2024 11:37

Instrument :

BNA_F

ClientSampleId :

PB162605BL

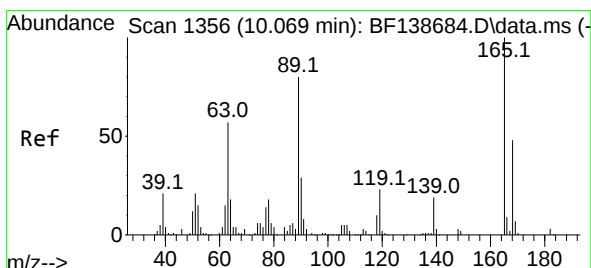
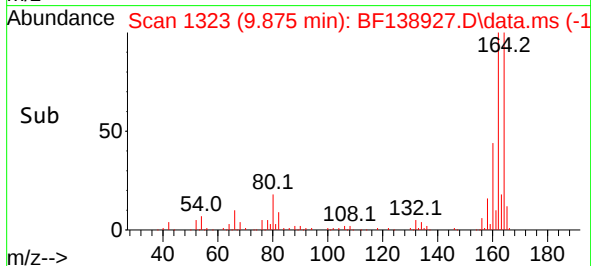
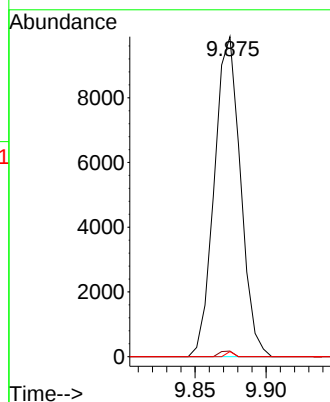
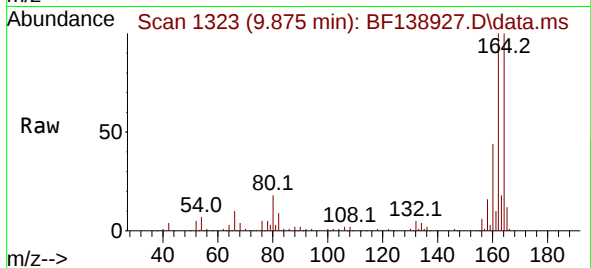
Tgt Ion:165 Resp: 12667

Ion Ratio Lower Upper

165 100

63 1.7 52.0 78.0#

89 1.6 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 6.648 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.194 min

Lab File: BF138927.D

Acq: 12 Aug 2024 11:37

Tgt Ion:165 Resp: 12667

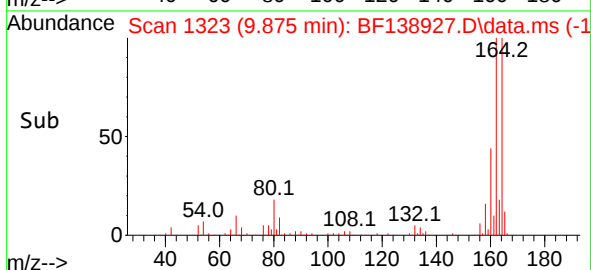
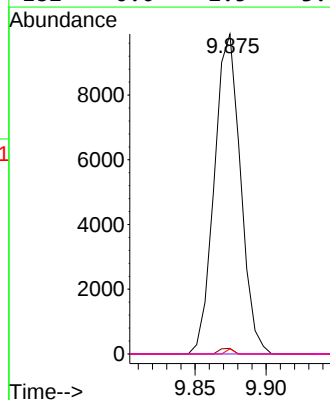
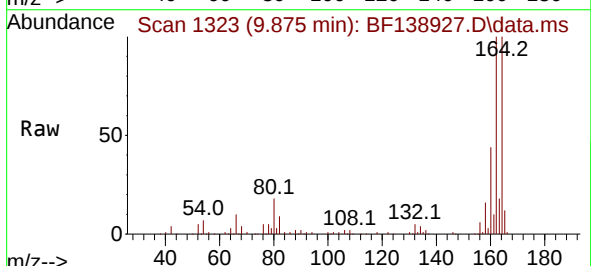
Ion Ratio Lower Upper

165 100

63 1.7 46.3 69.5#

89 1.6 64.2 96.4#

182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138927.D

Acq: 12 Aug 2024 11:37

Instrument :

BNA_F

ClientSampleId :

PB162605BL

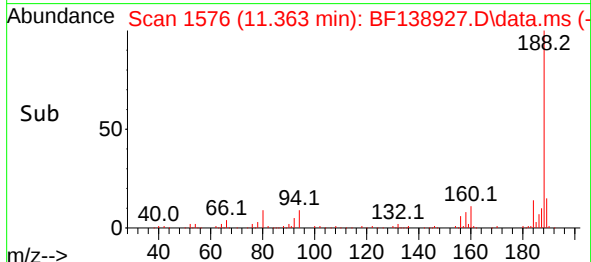
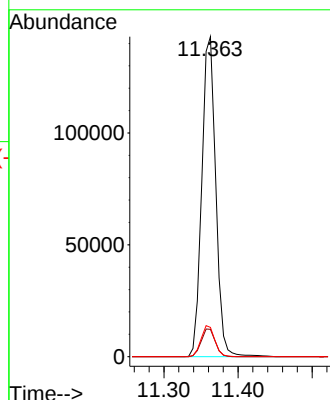
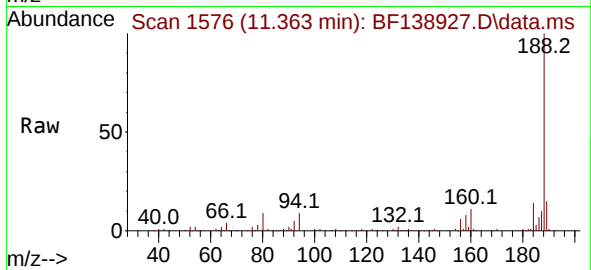
Tgt Ion:188 Resp: 187736

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.2 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.814 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138927.D

Acq: 12 Aug 2024 11:37

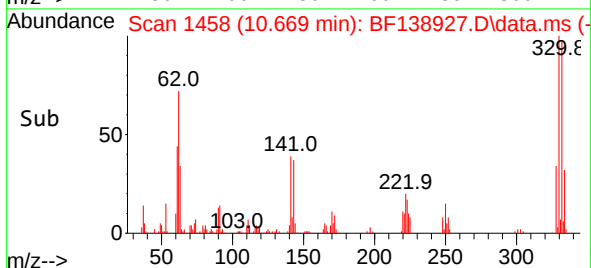
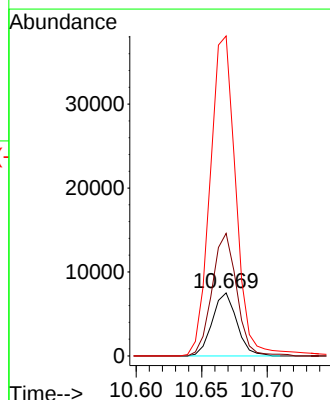
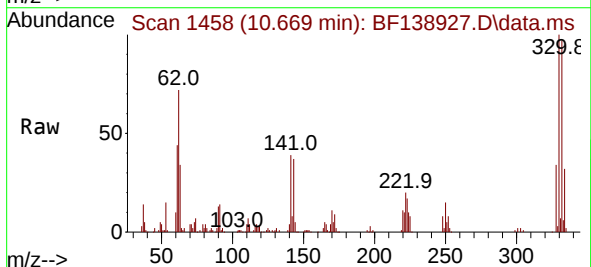
Tgt Ion:248 Resp: 9785

Ion Ratio Lower Upper

248 100

250 194.5 77.7 116.5#

141 507.6 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138927.D

Acq: 12 Aug 2024 11:37

Instrument :

BNA_F

ClientSampleId :

PB162605BL

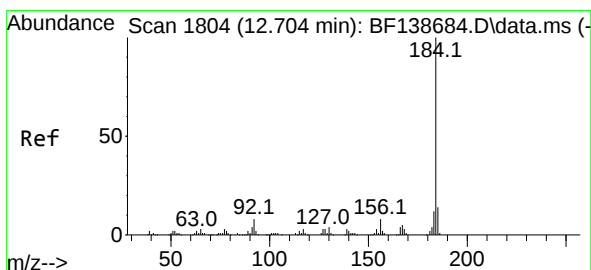
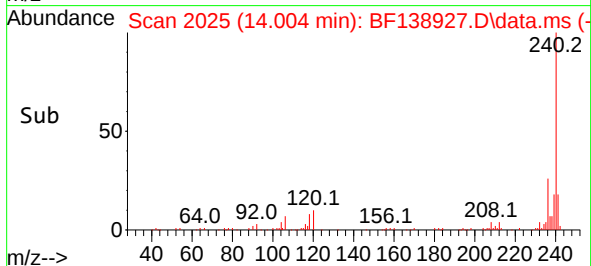
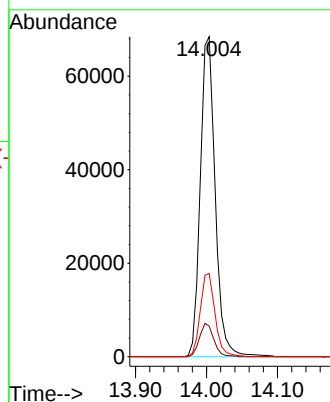
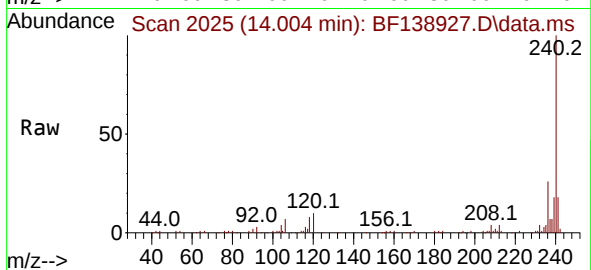
Tgt Ion:240 Resp: 100085

Ion Ratio Lower Upper

240 100

120 9.6 10.2 15.4#

236 26.0 19.8 29.8



#77

Benzdine

Concen: 4.522 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138927.D

Acq: 12 Aug 2024 11:37

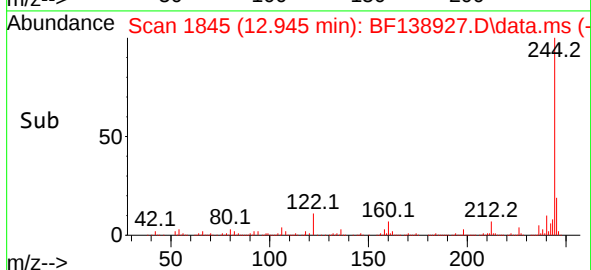
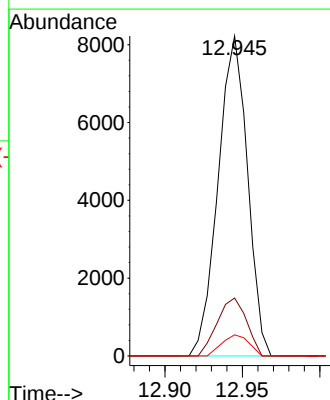
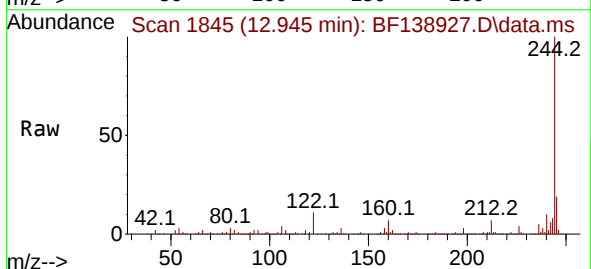
Tgt Ion:184 Resp: 10825

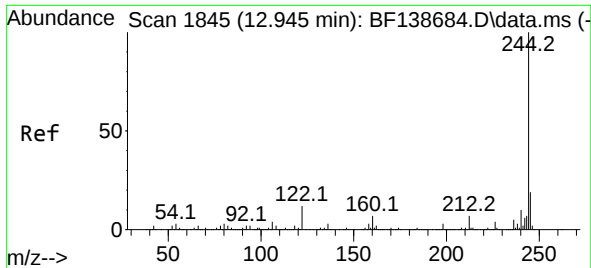
Ion Ratio Lower Upper

184 100

185 18.1 11.1 16.7#

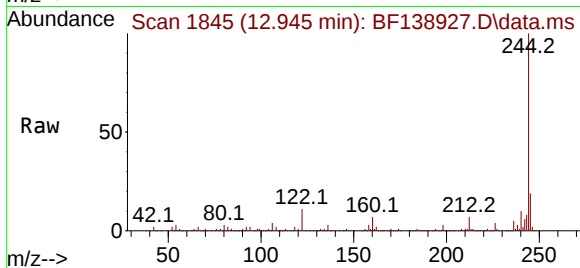
183 6.6 9.6 14.4#



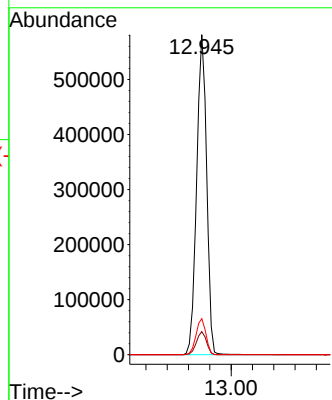
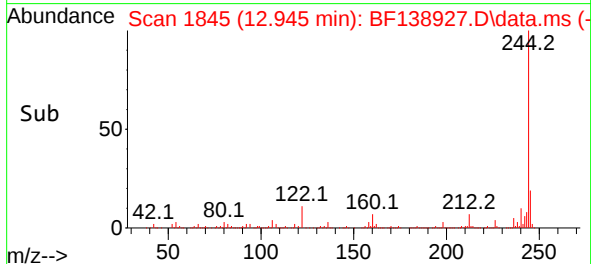


#79
 Terphenyl-d14
 Concen: 126.594 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF138927.D
 Acq: 12 Aug 2024 11:37

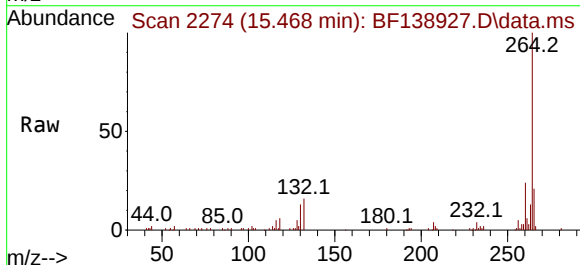
Instrument :
 BNA_F
 ClientSampleId :
 PB162605BL



Tgt Ion:244 Resp: 756757
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. -0.000 min
 Lab File: BF138927.D
 Acq: 12 Aug 2024 11:37



Tgt Ion:264 Resp: 79072
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 20.9 17.0 25.6

